

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111318\
 Data File : BN003531.D
 Acq On : 14 Nov 2018 02:33
 Operator : MJ/SJ
 Sample : PB114756BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB114756BS

Quant Time: Nov 14 04:08:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 15:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	103370	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	439244	20.00	ng	0.00
39) Acenaphthene-d10	14.48	164	249077	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	497752	20.00	ng	0.00
76) Chrysene-d12	21.40	240	398680	20.00	ng	0.00
87) Perylene-d12	23.72	264	399050	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	849307	148.18	ng	0.00
7) Phenol-d6	7.01	99	1105198	139.04	ng	0.00
23) Nitrobenzene-d5	9.02	82	489693	70.18	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	493580	132.93	ng	0.00
45) 2-Fluorobiphenyl	13.10	172	1315408	70.49	ng	0.00
79) Terphenyl-d14	19.84	244	1638001	80.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.33	88	93202	42.072	ng	99
3) Pyridine	3.72	79	222735	33.633	ng	99
4) n-Nitrosodimethylamine	3.65	42	91885	45.475	ng	97
6) Aniline	7.18	93	388035	39.502	ng	99
8) 2-Chlorophenol	7.41	128	333830	46.017	ng	100
9) Benzaldehyde	6.99	77	169744	31.201	ng	99
10) Phenol	7.03	94	393324	45.862	ng	98
11) bis(2-Chloroethyl)ether	7.28	93	275882	40.573	ng	99
12) 1,3-Dichlorobenzene	7.73	146	328754	40.166	ng	99
13) 1,4-Dichlorobenzene	7.88	146	337091	40.298	ng	99
14) 1,2-Dichlorobenzene	8.20	146	324970	40.165	ng	99
15) Benzyl Alcohol	8.09	79	253988	42.872	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.38	45	351380	40.297	ng	98
17) 2-Methylphenol	8.28	107	272415	46.033	ng	100
18) Hexachloroethane	8.92	117	113335	41.629	ng	95
19) n-Nitroso-di-n-propylamine	8.65	70	212989	39.799	ng	98
20) 3+4-Methylphenols	8.61	107	366039	44.417	ng	99
22) Acetophenone	8.68	105	440968	44.033	ng	# 99
24) Nitrobenzene	9.06	77	315851	44.108	ng	99
25) Isophorone	9.58	82	588979	48.740	ng	100
26) 2-Nitrophenol	9.76	139	178375	43.813	ng	99
27) 2,4-Dimethylphenol	9.81	122	310283	53.322	ng	98
28) bis(2-Chloroethoxy)methane	10.06	93	389665	46.315	ng	99
29) 2,4-Dichlorophenol	10.29	162	325430	47.529	ng	99
30) 1,2,4-Trichlorobenzene	10.50	180	333433	42.727	ng	99
31) Naphthalene	10.69	128	990067	46.306	ng	100
32) Benzoic acid	9.96	122	186500	36.290	ng	95
33) 4-Chloroaniline	10.80	127	211043	22.122	ng	99
34) Hexachlorobutadiene	10.96	225	194868	41.701	ng	98
35) Caprolactam	11.60	113	92650	38.374	ng	98
36) 4-Chloro-3-methylphenol	11.92	107	318084	43.855	ng	99
37) 2-Methylnaphthalene	12.30	142	734095	48.073	ng	100
38) 1-Methylnaphthalene	12.52	142	694229	46.937	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.67	216	382429	42.713	ng	99

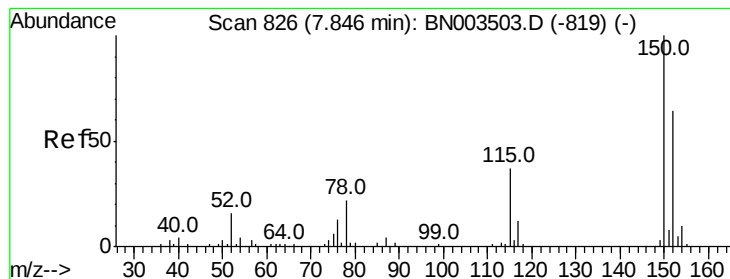
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111318\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.64	237	498032	102.107	ng	99
43) 2,4,6-Trichlorophenol	12.91	196	259887	46.747	ng	98
44) 2,4,5-Trichlorophenol	12.98	196	275389	46.438	ng	99
46) 1,1'-Biphenyl	13.32	154	921437	41.769	ng	99
47) 2-Chloronaphthalene	13.36	162	720911	43.434	ng	100
48) 2-Nitroaniline	13.57	65	174963	42.307	ng	99
49) Acenaphthylene	14.21	152	1151135	47.012	ng	99
50) Dimethylphthalate	13.94	163	871067	44.641	ng	99
51) 2,6-Dinitrotoluene	14.07	165	196836	43.217	ng	99
52) Acenaphthene	14.55	154	660766	44.495	ng	97
53) 3-Nitroaniline	14.40	138	136509	28.035	ng	98
54) 2,4-Dinitrophenol	14.60	184	188566	75.683	ng	98
55) Dibenzofuran	14.88	168	1063827	43.487	ng	100
56) 4-Nitrophenol	14.70	139	306129	82.287	ng	99
57) 2,4-Dinitrotoluene	14.85	165	261948	42.550	ng	95
58) Fluorene	15.53	166	830716	45.956	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.10	232	246030	45.968	ng	99
60) Diethylphthalate	15.30	149	854261	41.378	ng	99
61) 4-Chlorophenyl-phenylether	15.52	204	440381	41.382	ng	99
62) 4-Nitroaniline	15.56	138	187521	38.377	ng	98
63) Azobenzene	15.82	77	709049	42.076	ng	100
65) 4,6-Dinitro-2-methylphenol	15.61	198	134107	40.126	ng	99
66) n-Nitrosodiphenylamine	15.74	169	720575	45.705	ng	99
67) 4-Bromophenyl-phenylether	16.42	248	281016	44.759	ng	99
68) Hexachlorobenzene	16.52	284	322657	44.156	ng	98
69) Atrazine	16.69	200	252651	42.842	ng	99
70) Pentachlorophenol	16.87	266	367686	75.497	ng	99
71) Phenanthrene	17.27	178	1212357	46.623	ng	99
72) Anthracene	17.36	178	1223485	48.137	ng	100
73) Carbazole	17.63	167	1046213	41.942	ng	100
74) Di-n-butylphthalate	18.17	149	1345914	45.727	ng	100
75) Fluoranthene	19.28	202	1250144	44.599	ng	99
77) Benzidine	19.47	184	629043	45.624	ng	99
78) Pyrene	19.65	202	1239009	46.040	ng	100
80) Butylbenzylphthalate	20.53	149	517929	44.906	ng	98
81) Benzo(a)anthracene	21.39	228	1086512	47.909	ng	99
82) 3,3'-Dichlorobenzidine	21.32	252	295839	31.300	ng	99
83) Chrysene	21.44	228	1015228	46.806	ng	98
84) Bis(2-ethylhexyl)phthalate	21.30	149	743135	44.431	ng	100
85) Di-n-octyl phthalate	22.20	149	1135100	45.695	ng	100
86) Indeno(1,2,3-cd)pyrene	26.07	276	1350860	58.996	ng	100
88) Benzo(b)fluoranthene	23.02	252	1117987	50.321	ng	100
89) Benzo(k)fluoranthene	23.06	252	1072541	48.513	ng	99
90) Benzo(a)pyrene	23.62	252	1074765	52.211	ng	100
91) Dibenzo(a,h)anthracene	26.09	278	1138571	54.315	ng	100
92) Benzo(g,h,i)perylene	26.81	276	1120400	54.963	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

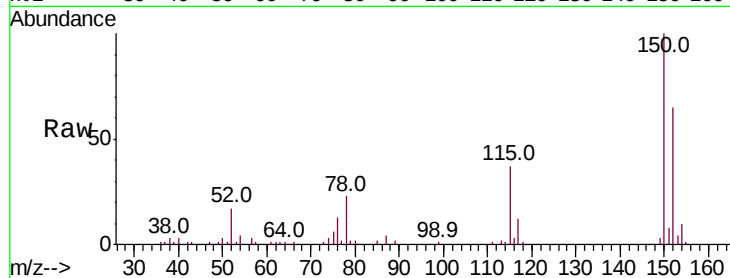


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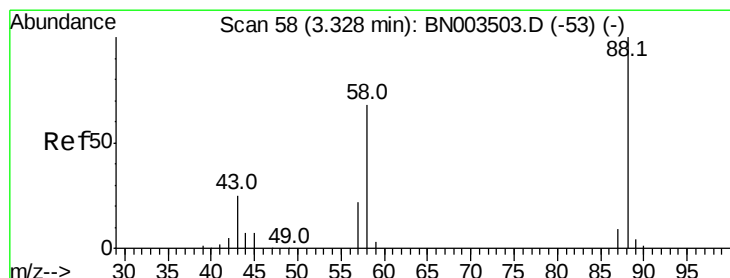
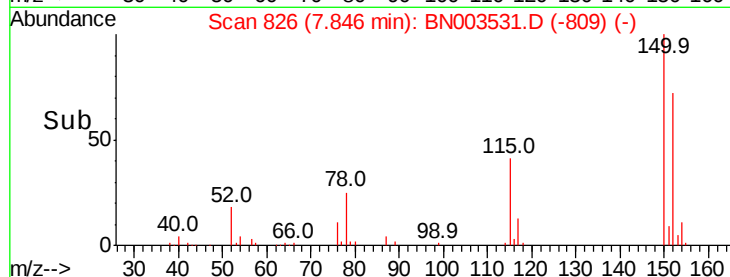
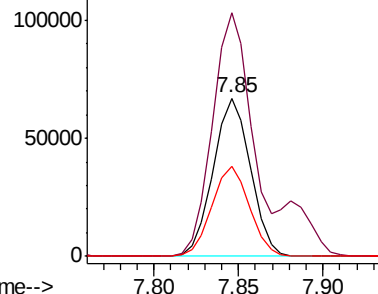
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.85 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BN003531.D
 Acq: 14 Nov 2018 02:33

Instrument :
 BNA_N
 ClientSampleId :
 PB114756BS

Tot Ion:152 Resp: 103370
 Ion Ratio Lower Upper
 152 100
 150 153.7 125.4 188.0
 115 56.7 45.9 68.9



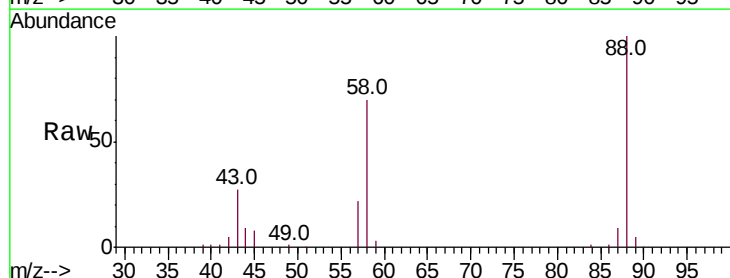
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



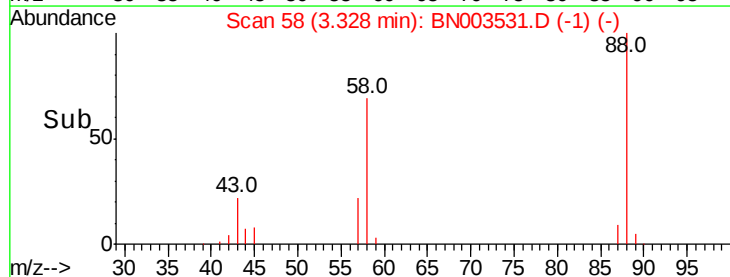
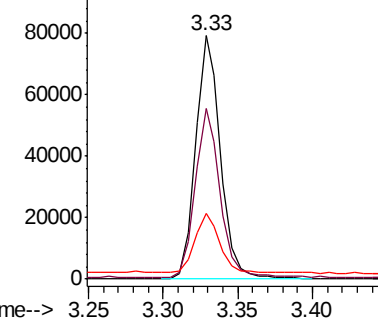
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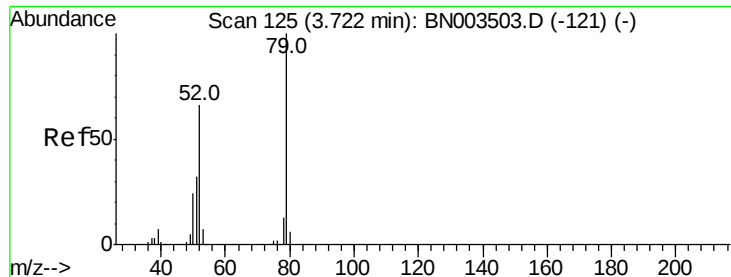
1,4-Dioxane
 Concen: 42.072 ng
 RT: 3.33 min Scan# 58
 Delta R.T. 0.00 min
 Lab File: BN003531.D
 Acq: 14 Nov 2018 02:33

Tgt Ion: 88 Resp: 93202
 Ion Ratio Lower Upper
 88 100
 58 68.8 54.2 81.2
 43 23.6 19.0 28.6



Abundance Ion 88.00 (87.70 to 88.70): BNC
 Ion 58.00 (57.70 to 58.70): BNC
 Ion 43.00 (42.70 to 43.70): BNC





#3

Pvridine

Concen: 33.633 ng

RT: 3.72 min Scan# 125

Delta R.T. 0.00 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

Instrument :

BNA_N

ClientSampleId :

PB114756BS

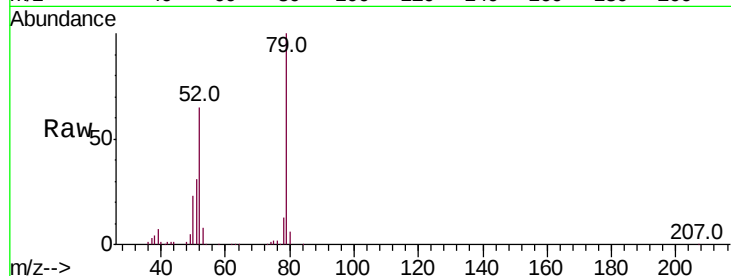
Tot Ion: 79 Resp: 222735

Ion Ratio Lower Upper

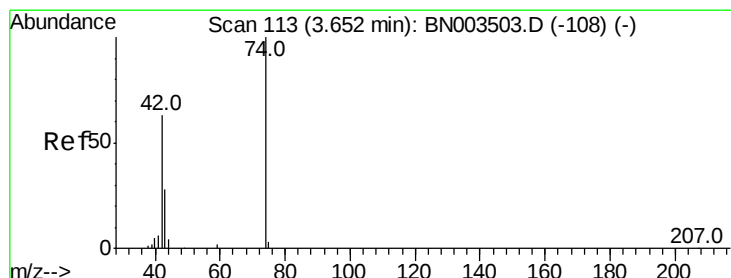
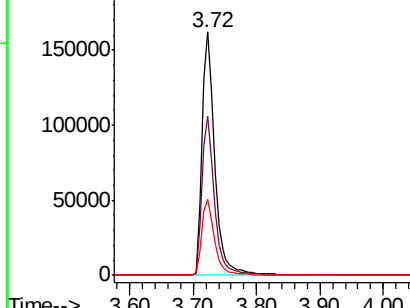
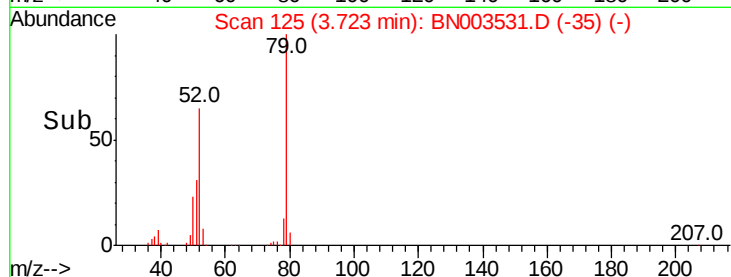
79 100

52 65.3 52.6 78.8

51 31.1 25.5 38.3



Abundance Ion 79.00 (78.70 to 79.70): BNC
Ion 52.00 (51.70 to 52.70): BNC
Ion 51.00 (50.70 to 51.70): BNC



#4

n-Nitrosodimethylamine

Concen: 45.475 ng

RT: 3.65 min Scan# 112

Delta R.T. -0.01 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

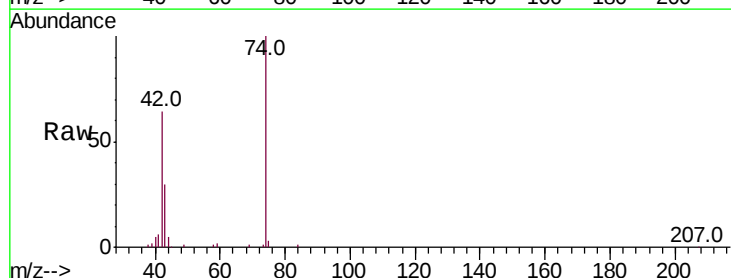
Tgt Ion: 42 Resp: 91885

Ion Ratio Lower Upper

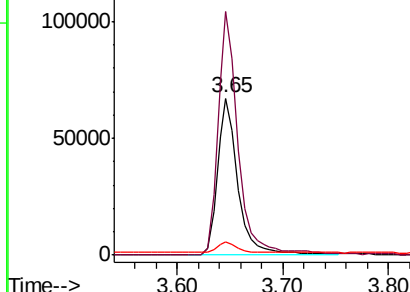
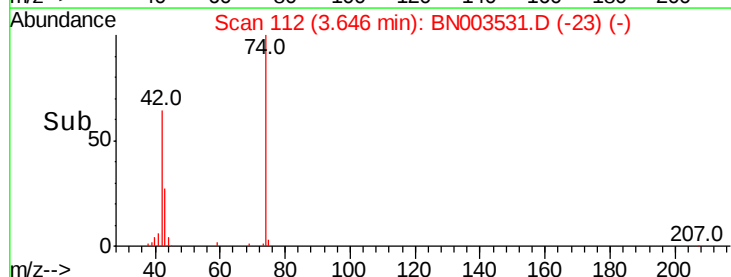
42 100

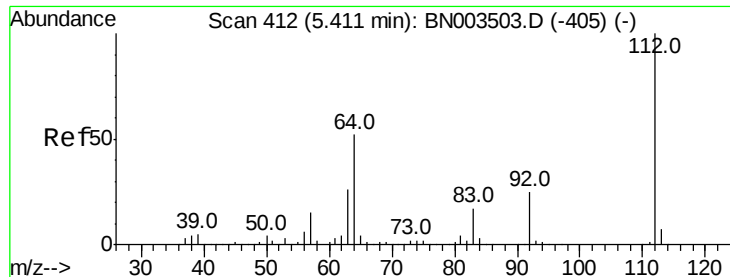
74 155.1 127.3 190.9

44 8.2 5.9 8.9



Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC





#5

2-Fluorophenol

Concen: 148.185 ng

RT: 5.42 min Scan# 413

Delta R.T. 0.01 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

Instrument :

BNA_N

ClientSampled :

PB114756BS

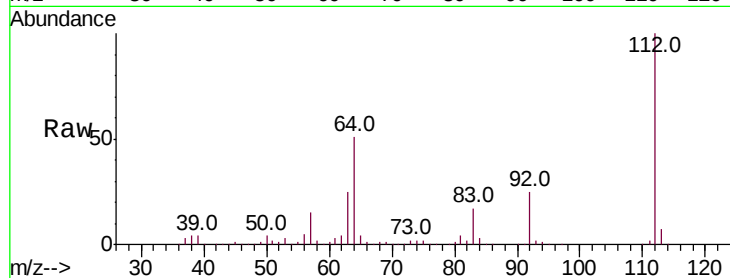
Tot Ion:112 Resp: 849307

Ion Ratio Lower Upper

112 100

64 51.3 41.4 62.2

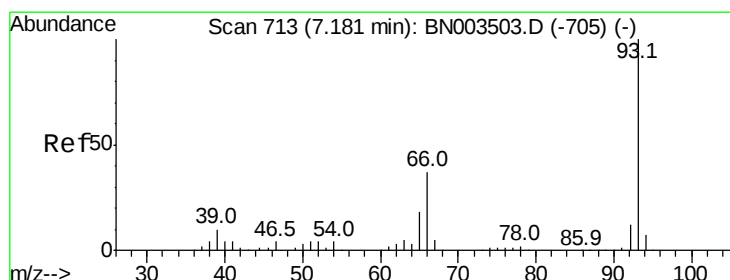
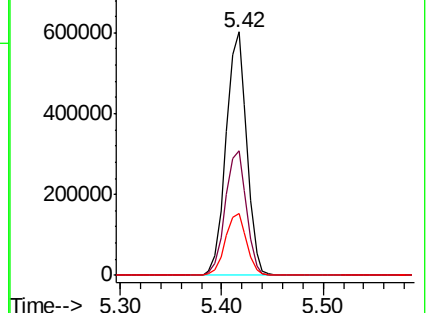
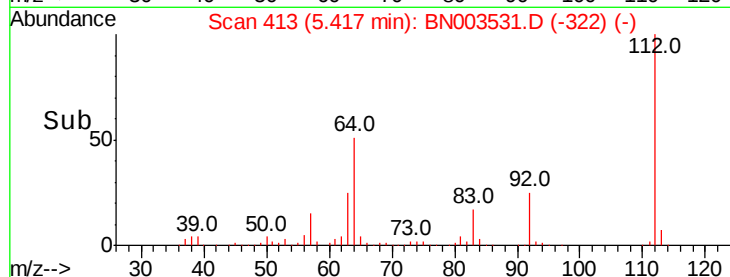
63 25.4 20.5 30.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 39.502 ng

RT: 7.18 min Scan# 713

Delta R.T. 0.00 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

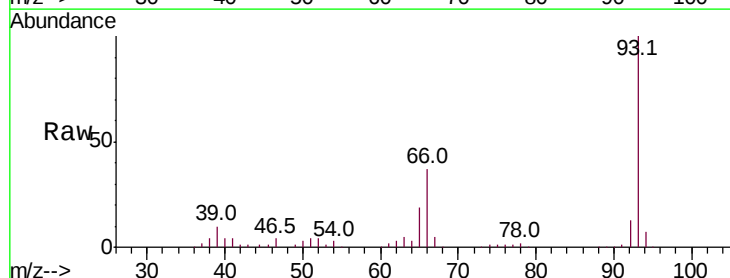
Tgt Ion: 93 Resp: 388035

Ion Ratio Lower Upper

93 100

66 37.5 29.6 44.4

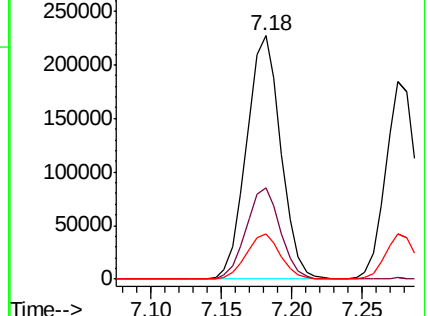
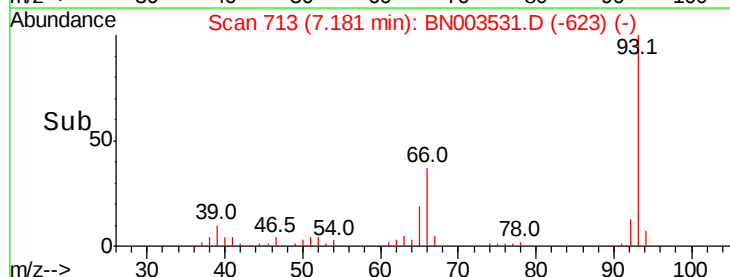
65 18.6 14.5 21.7

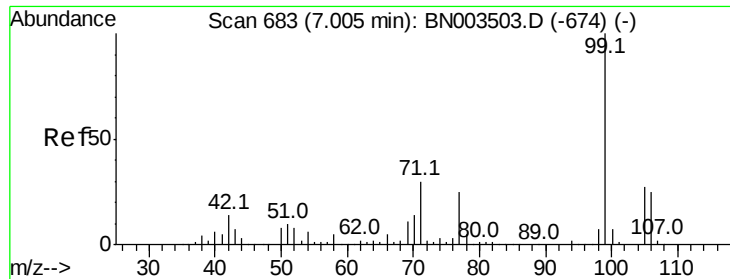


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 139.042 ng

RT: 7.01 min Scan# 684

Delta R.T. 0.01 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

Instrument :

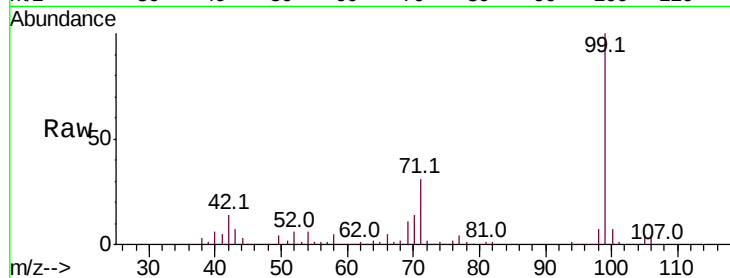
BNA_N

ClientSampleId :

PB114756BS

Tot Ion: 99 Resp: 1105198

Ion	Ratio	Lower	Upper
99	100		
42	14.2	11.6	17.4
71	30.6	24.2	36.2

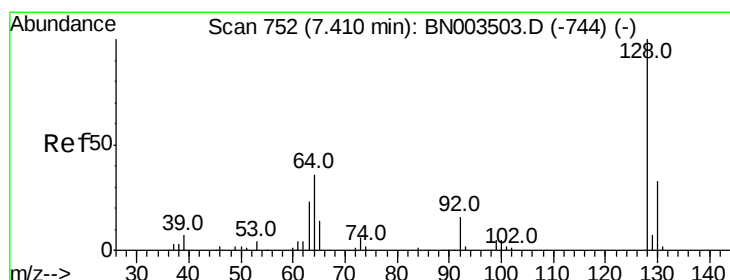
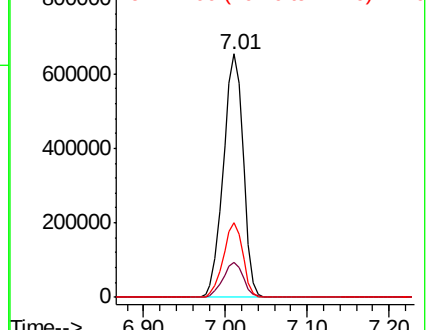
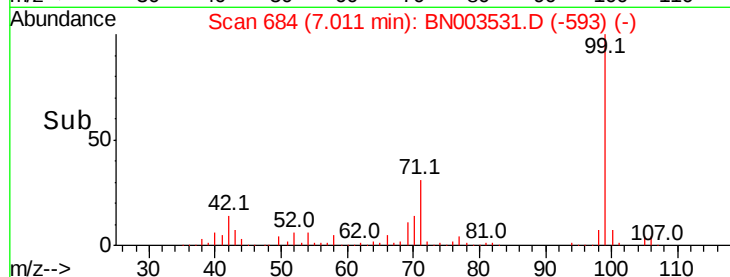


Abundance

Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC



#8

2-Chlorophenol

Concen: 46.017 ng

RT: 7.41 min Scan# 752

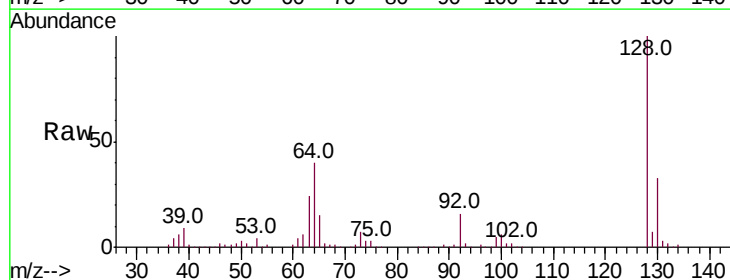
Delta R.T. 0.00 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

Tgt Ion: 128 Resp: 333830

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.9	52.9
64	40.2	20.2	60.2

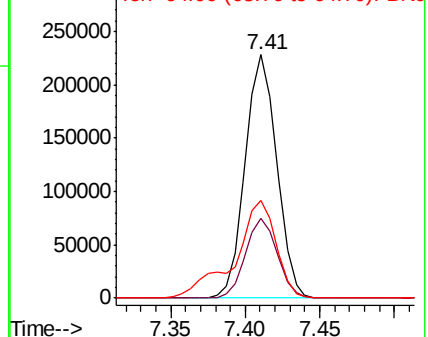
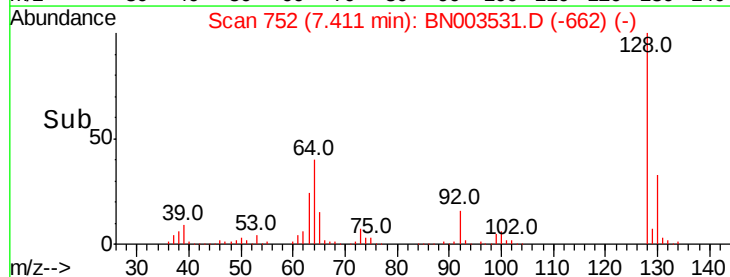


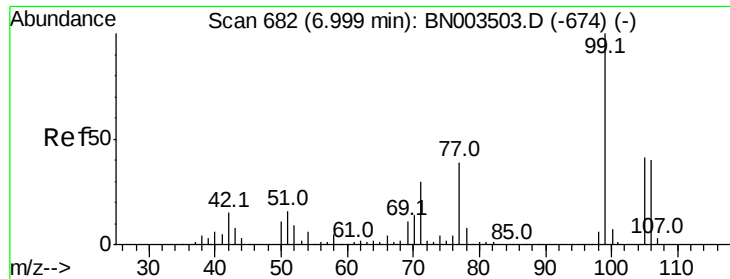
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BNC





#9

Benzaldehyde

Concen: 31.201 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.01 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

Instrument :

BNA_N

ClientSampleID :

PB114756BS

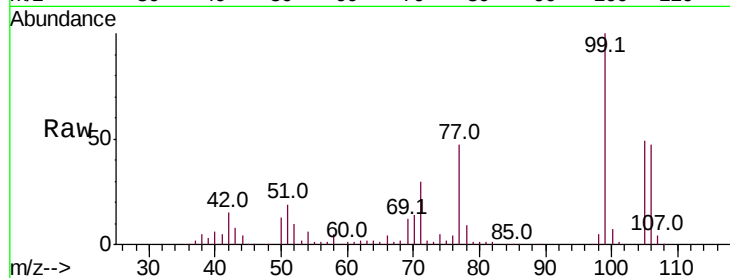
Tot Ion: 77 Resp: 169744

Ion Ratio Lower Upper

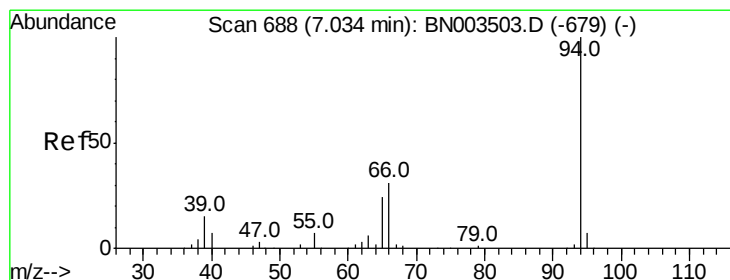
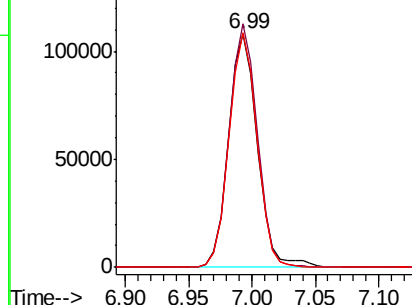
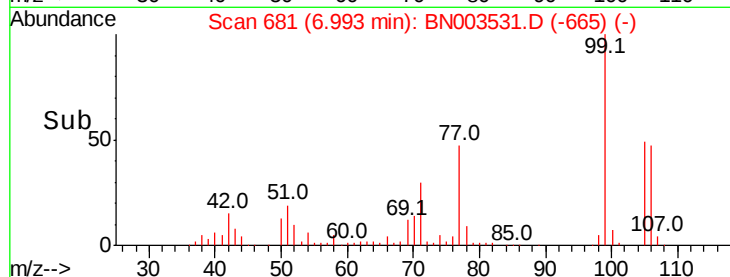
77 100

105 104.1 84.7 124.7

106 100.5 81.0 121.0



Abundance Ion 77.00 (76.70 to 77.70): BNC
Ion 105.00 (104.70 to 105.70): BNC
Ion 106.00 (105.70 to 106.70): BNC



#10

Phenol

Concen: 45.862 ng

RT: 7.03 min Scan# 688

Delta R.T. 0.00 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

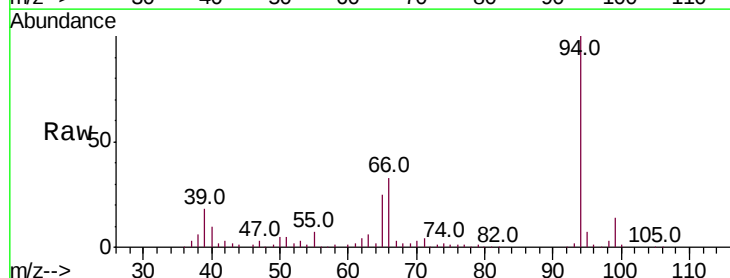
Tgt Ion: 94 Resp: 393324

Ion Ratio Lower Upper

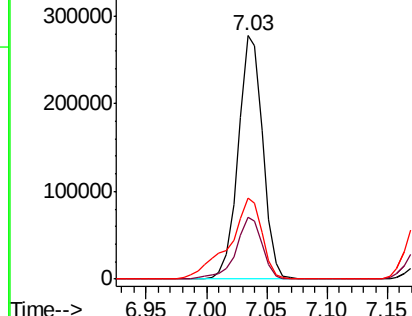
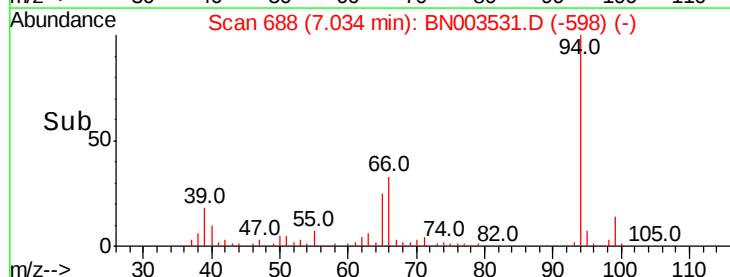
94 100

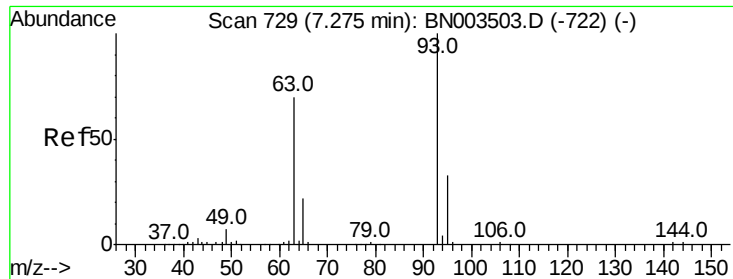
65 25.3 4.5 44.5

66 33.4 12.0 52.0



Abundance Ion 94.00 (93.70 to 94.70): BNC
Ion 65.00 (64.70 to 65.70): BNC
Ion 66.00 (65.70 to 66.70): BNC

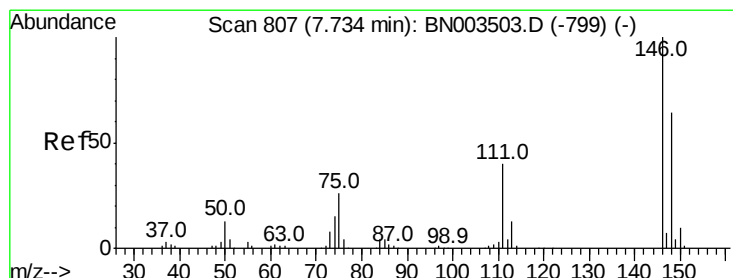
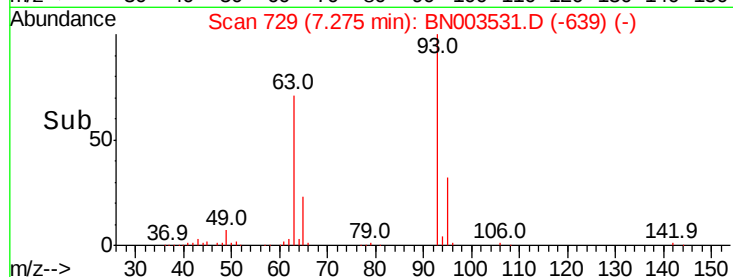
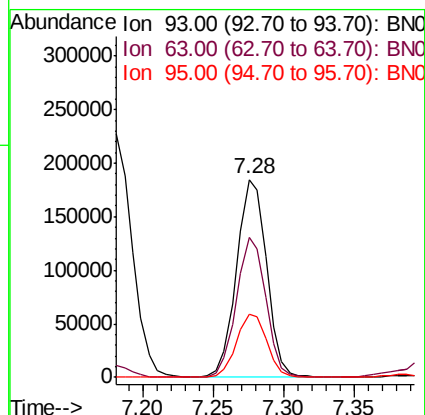
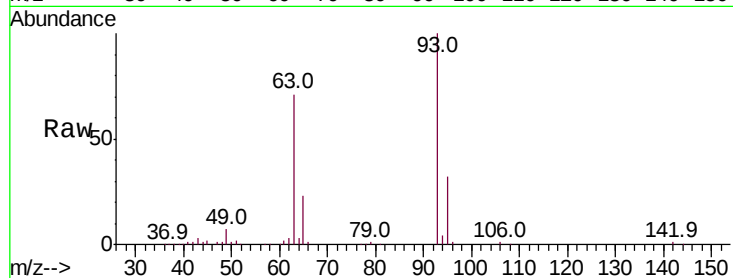




#11
bis(2-Chloroethyl)ether
Concen: 40.573 ng
RT: 7.28 min Scan# 729
Delta R.T. 0.00 min
Lab File: BN003531.D
Acq: 14 Nov 2018 02:33

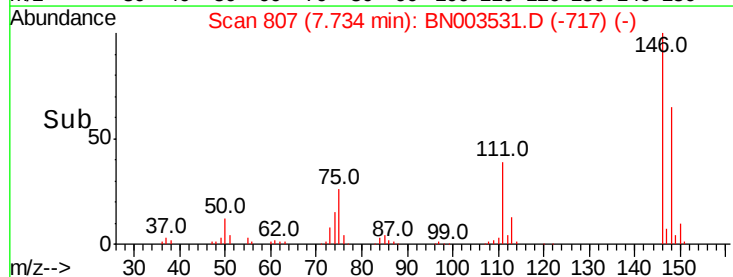
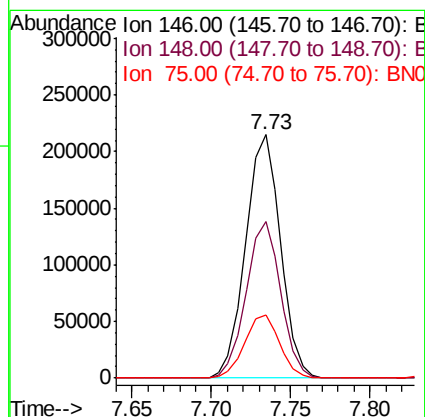
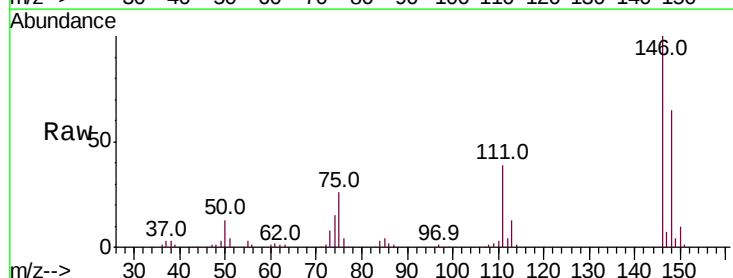
Instrument :
BNA_N
ClientSampleId :
PB114756BS

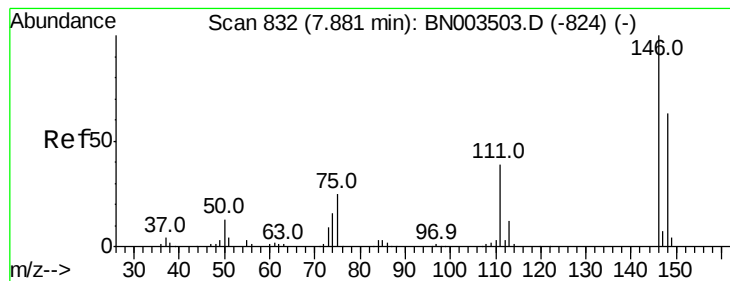
Tot Ion: 93 Resp: 275882
Ion Ratio Lower Upper
93 100
63 70.6 49.9 89.9
95 32.1 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 40.166 ng
RT: 7.73 min Scan# 807
Delta R.T. 0.00 min
Lab File: BN003531.D
Acq: 14 Nov 2018 02:33

Tgt Ion: 146 Resp: 328754
Ion Ratio Lower Upper
146 100
148 64.5 51.2 76.8
75 25.9 20.5 30.7





#13

1,4-Dichlorobenzene

Concen: 40.298 ng

RT: 7.88 min Scan# 832

Delta R.T. 0.00 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

Instrument :

BNA_N

ClientSampleId :

PB114756BS

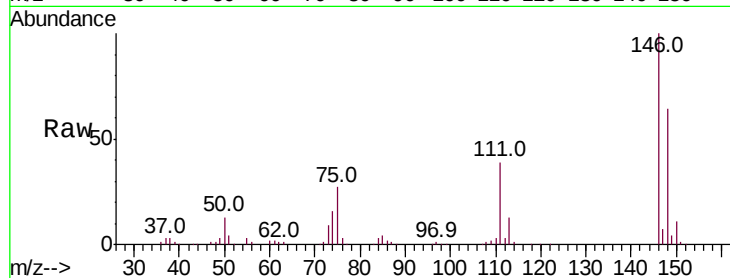
Tot Ion:146 Resp: 337091

Ion Ratio Lower Upper

146 100

148 64.5 50.8 76.2

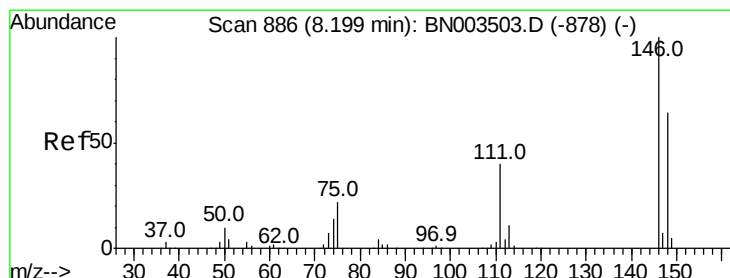
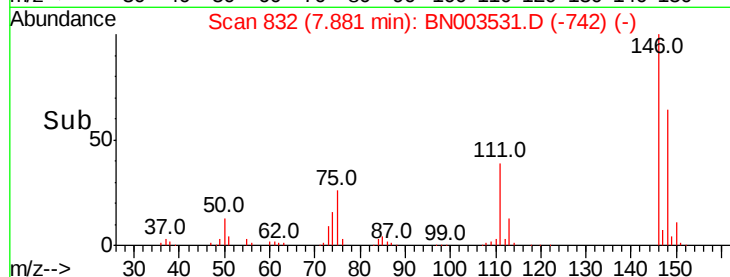
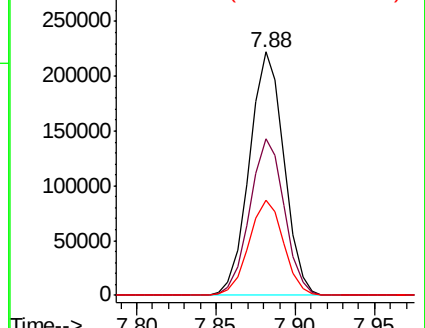
111 39.2 31.0 46.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.165 ng

RT: 8.20 min Scan# 886

Delta R.T. 0.00 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

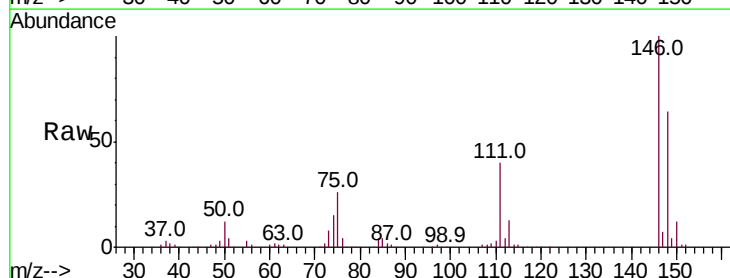
Tgt Ion:146 Resp: 324970

Ion Ratio Lower Upper

146 100

148 63.7 51.4 77.0

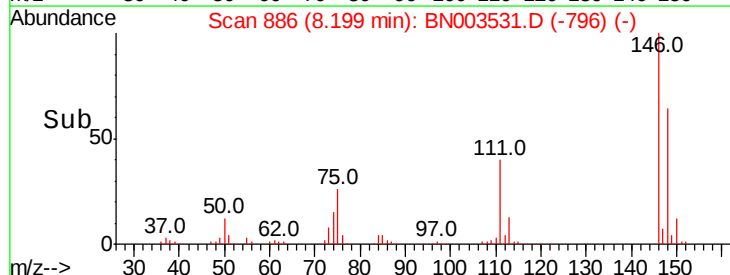
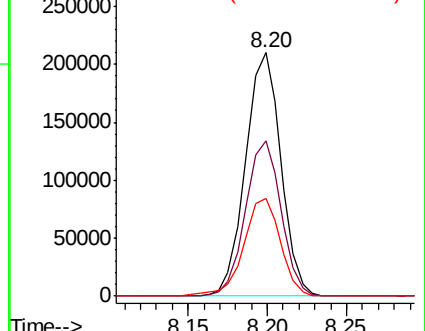
111 39.9 32.6 48.8

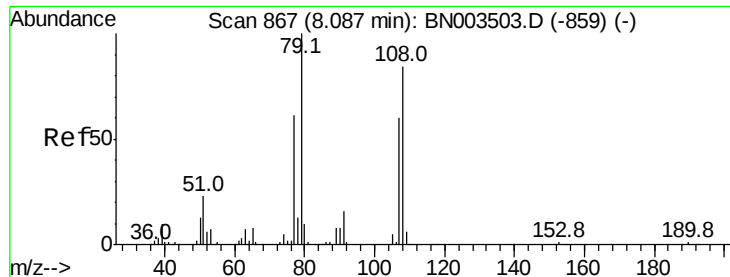


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.872 ng

RT: 8.09 min Scan# 867

Delta R.T. 0.00 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

Instrument :

BNA_N

ClientSampleId :

PB114756BS

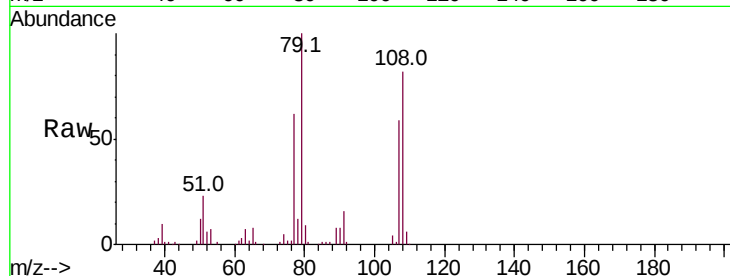
Tot Ion: 79 Resp: 253988

Ion Ratio Lower Upper

79 100

108 82.3 67.3 100.9

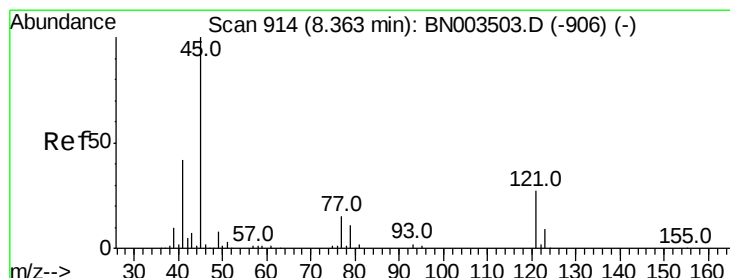
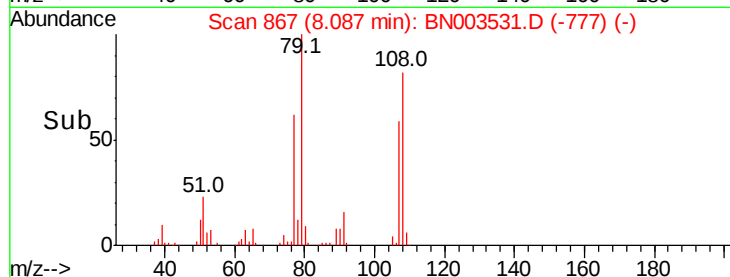
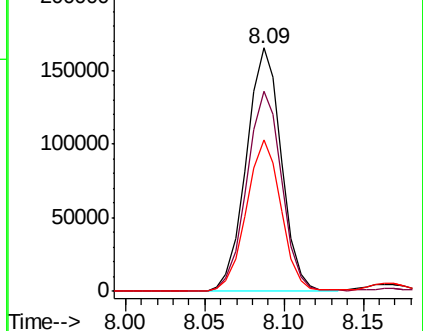
77 62.1 49.0 73.6



Abundance Ion 79.00 (78.70 to 79.70): BNC

Ion 108.00 (107.70 to 108.70): BNC

Ion 77.00 (76.70 to 77.70): BNC



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.297 ng

RT: 8.38 min Scan# 916

Delta R.T. 0.01 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

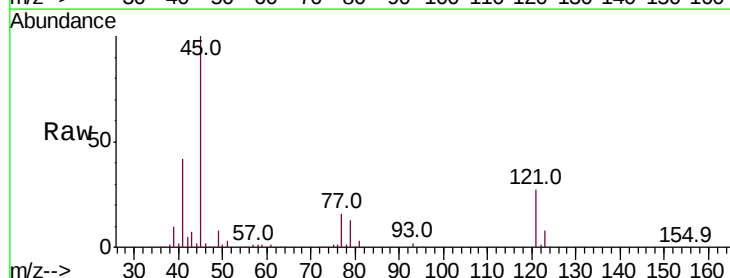
Tgt Ion: 45 Resp: 351380

Ion Ratio Lower Upper

45 100

77 15.6 0.0 35.1

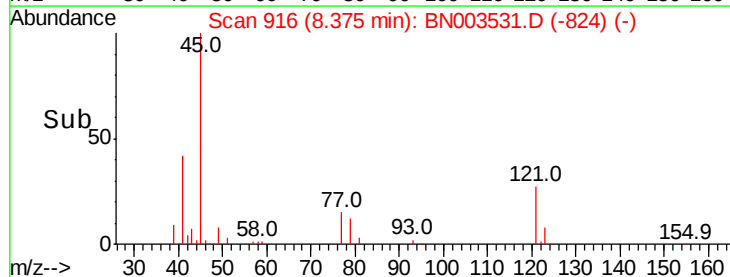
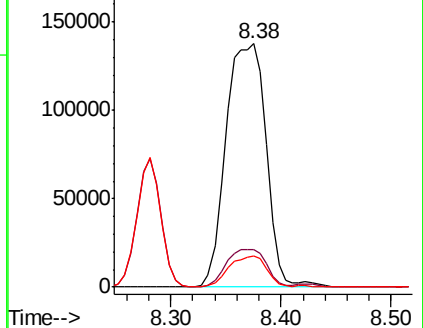
79 12.7 0.0 31.4

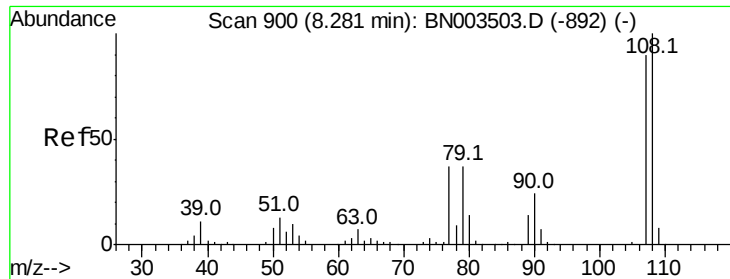


Abundance Ion 45.00 (44.70 to 45.70): BNC

Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC

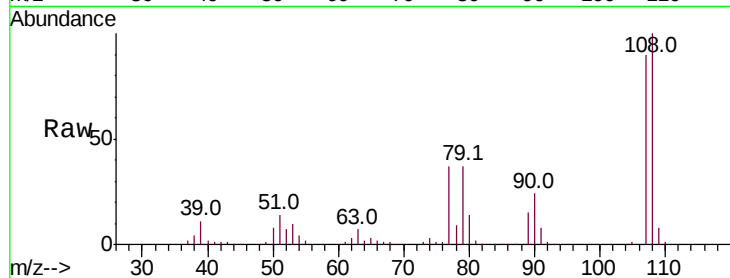




#17
2-Methylphenol
Concen: 46.033 ng
RT: 8.28 min Scan# 900
Delta R.T. 0.00 min
Lab File: BN003531.D
Acq: 14 Nov 2018 02:33

Instrument :
BNA_N
ClientSampleId :
PB114756BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.1	89.0	133.4
77	41.2	32.6	49.0
79	41.4	32.7	49.1



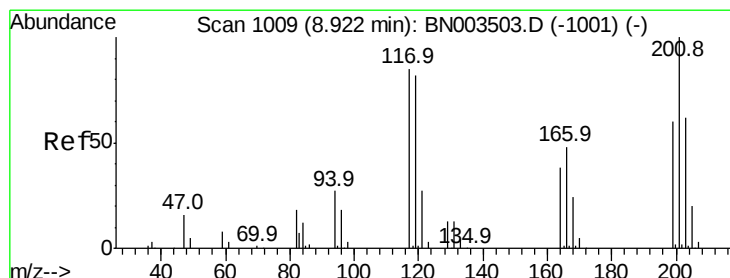
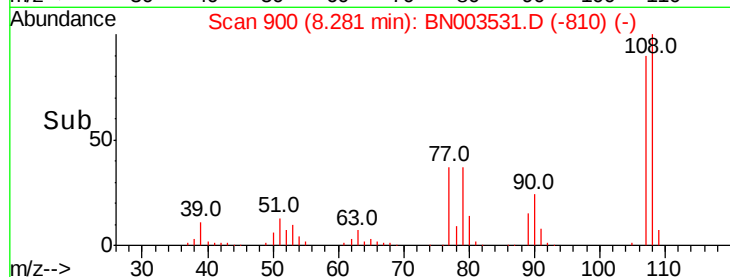
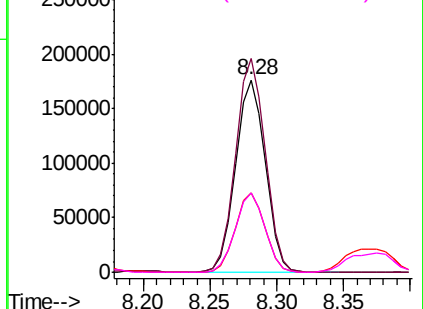
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

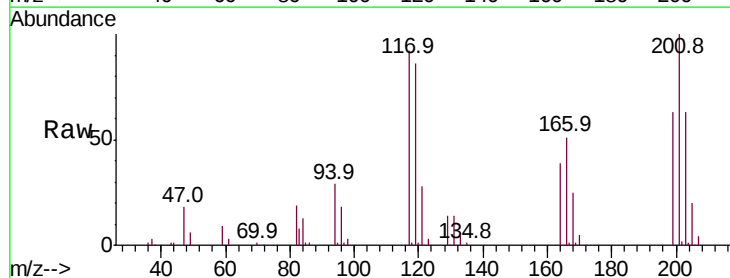
Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC



#18
Hexachloroethane
Concen: 41.629 ng
RT: 8.92 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BN003531.D
Acq: 14 Nov 2018 02:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	77.1	115.7
201	109.2	93.6	140.4

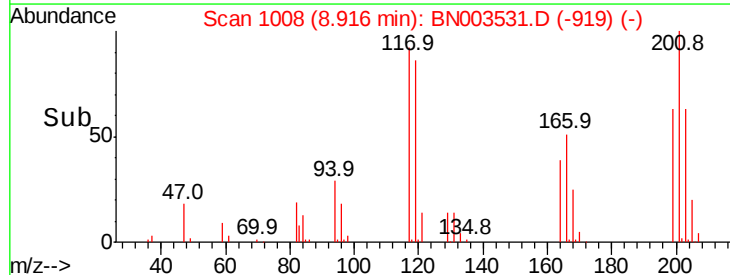
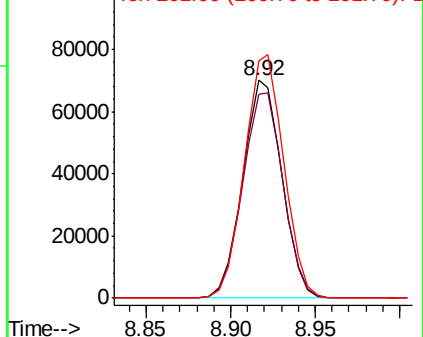


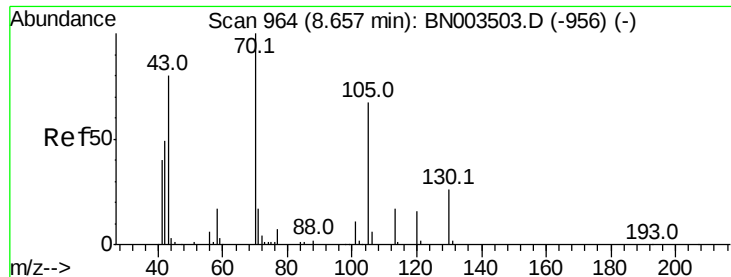
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.799 ng

RT: 8.65 min Scan# 963

Delta R.T. -0.01 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

Instrument :

BNA_N

ClientSampleId :

PB114756BS

Tot Ion: 70 Resp: 212989

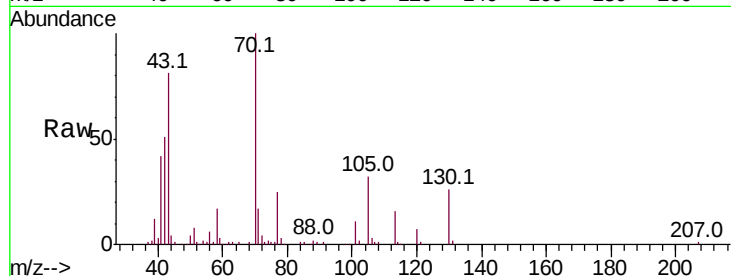
Ion Ratio Lower Upper

70 100

42 51.4 39.7 59.5

101 10.9 8.8 13.2

130 25.8 20.8 31.2



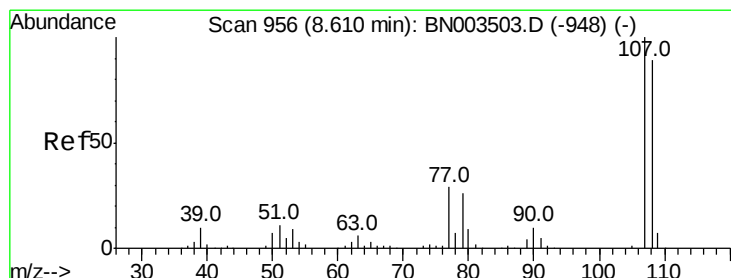
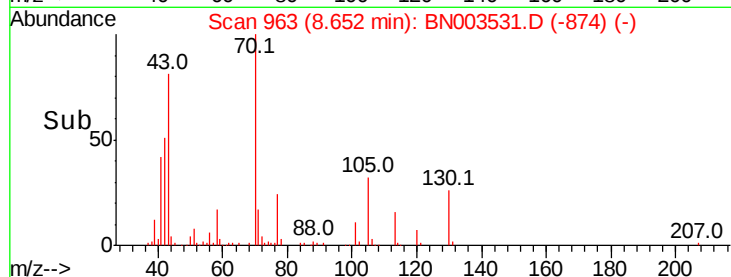
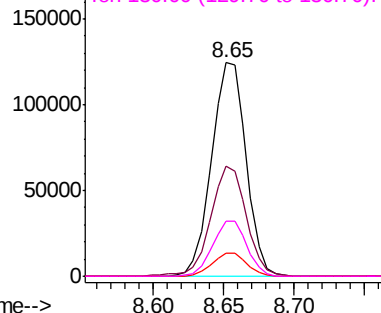
Abundance

Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 44.417 ng

RT: 8.61 min Scan# 956

Delta R.T. 0.00 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

Tgt Ion:107 Resp: 366039

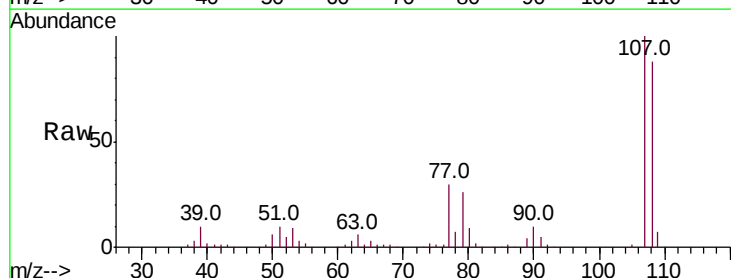
Ion Ratio Lower Upper

107 100

108 88.2 69.5 109.5

77 29.6 9.4 49.4

79 26.4 5.9 45.9



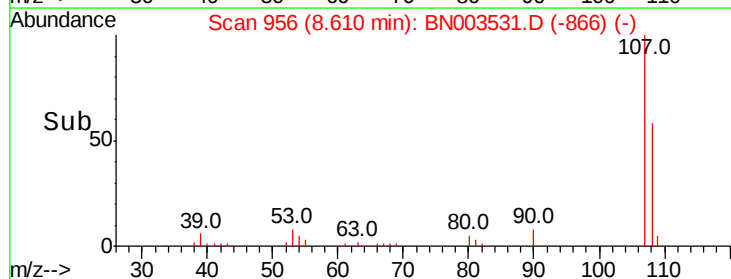
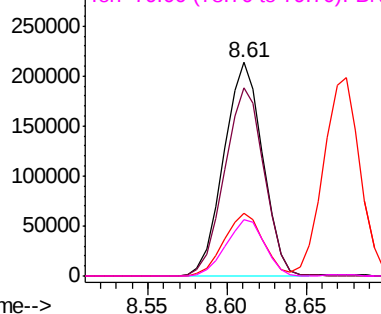
Abundance

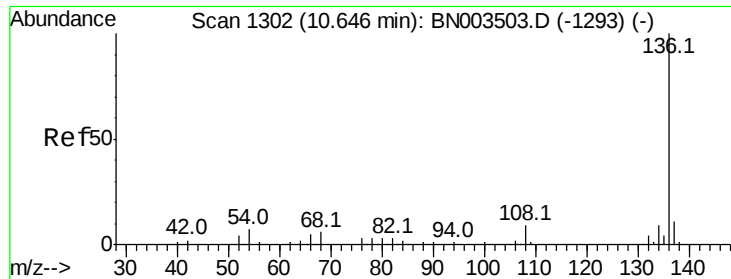
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BN0

Ion 79.00 (78.70 to 79.70): BN0

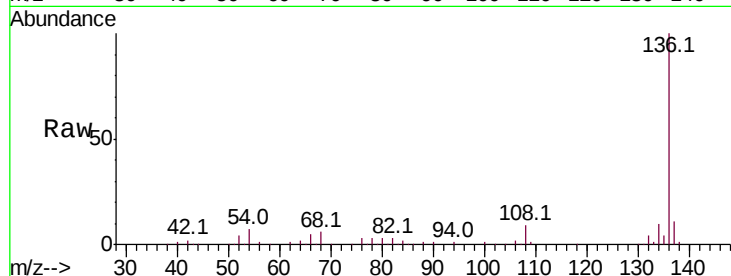




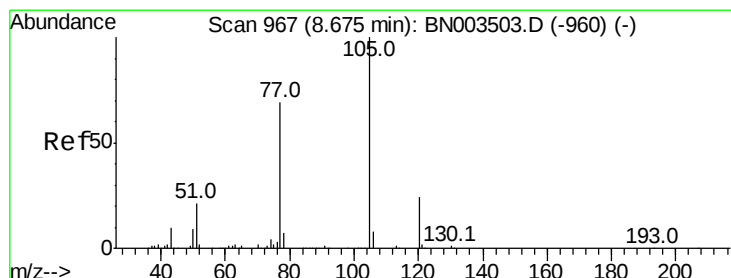
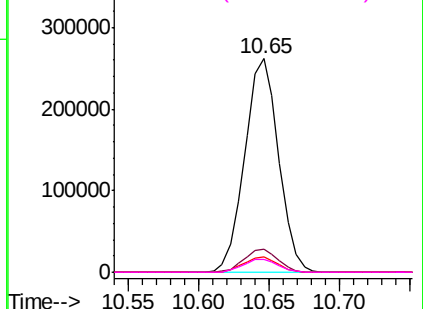
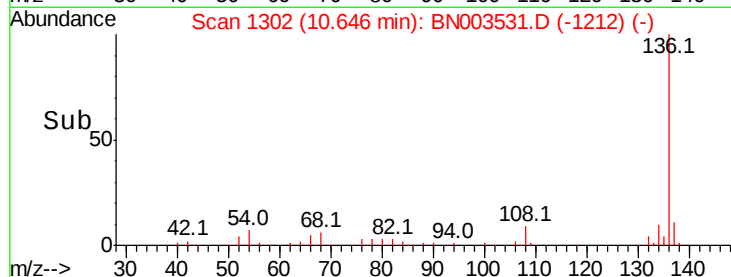
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.65 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN003531.D
Acq: 14 Nov 2018 02:33

Instrument :
BNA_N
ClientSampleId :
PB114756BS

Tot Ion:136	Resp:	439244	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	8.7	13.1	
54 7.1	5.7	8.5	
68 5.9	4.7	7.1	

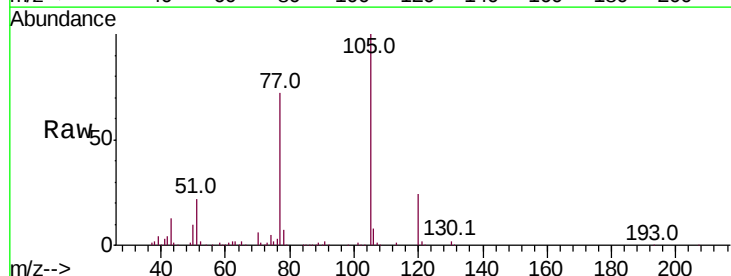


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

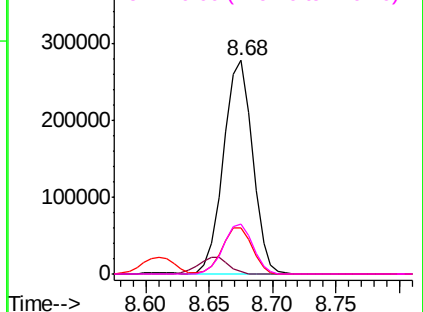
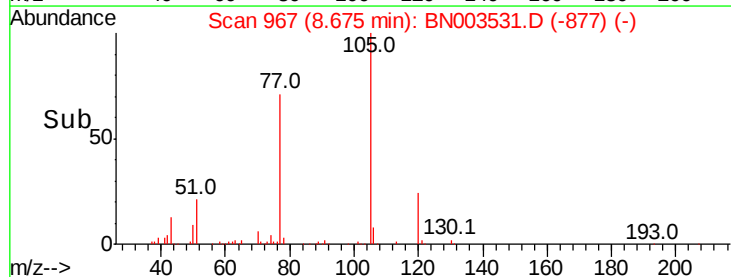


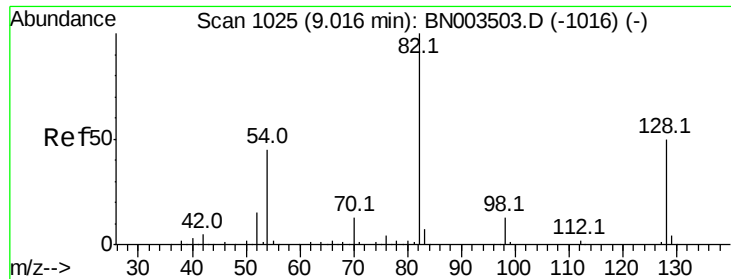
#22
Acetophenone
Concen: 44.033 ng
RT: 8.68 min Scan# 967
Delta R.T. 0.00 min
Lab File: BN003531.D
Acq: 14 Nov 2018 02:33

Tgt	Ion:105	Resp:	440968
Ion	Ratio	Lower	Upper
105	100		
71	1.0	1.2	1.8#
51	21.6	17.7	26.5
120	23.6	19.0	28.6



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BNC
Ion 51.00 (50.70 to 51.70): BNC
Ion 120.00 (119.70 to 120.70): E

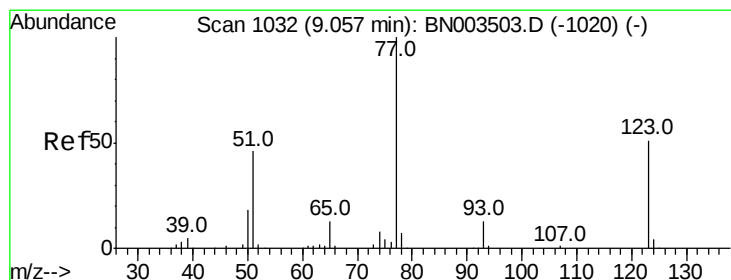
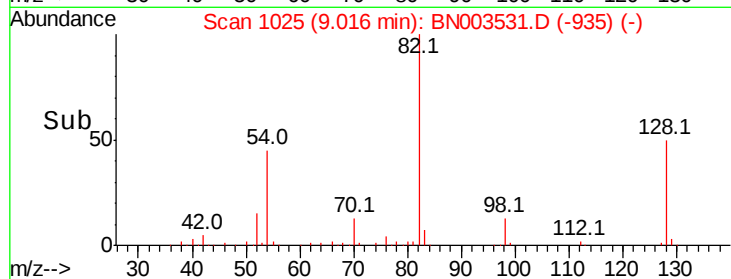
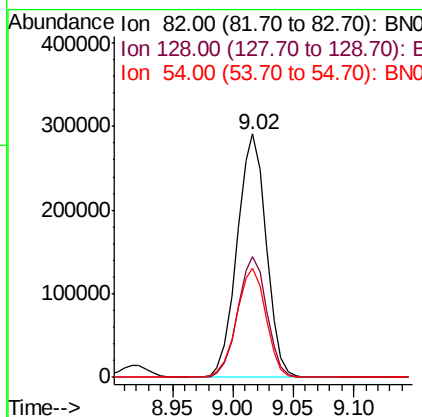
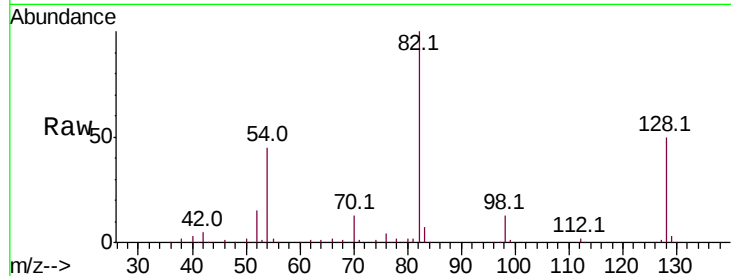




#23
 Nitrobenzene-d5
 Concen: 70.177 ng
 RT: 9.02 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BN003531.D
 Acq: 14 Nov 2018 02:33

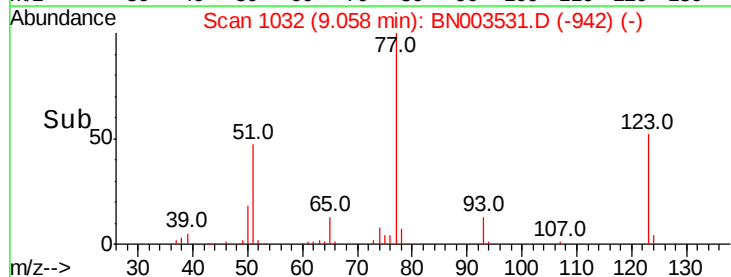
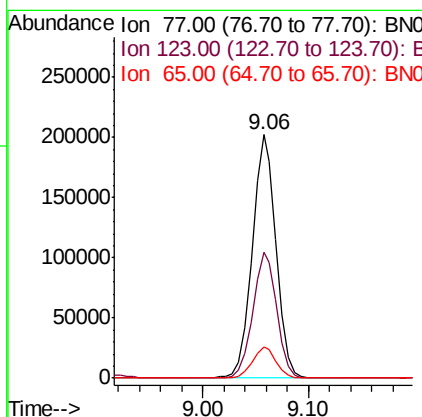
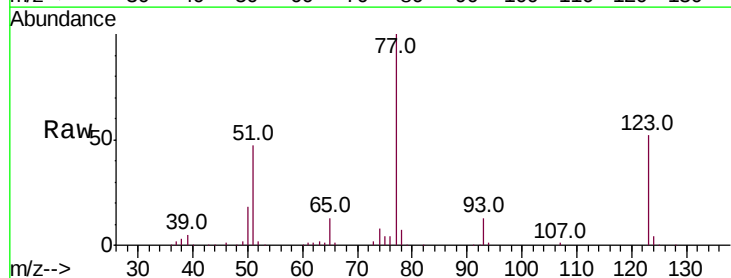
Instrument :
 BNA_N
 ClientSampleId :
 PB114756BS

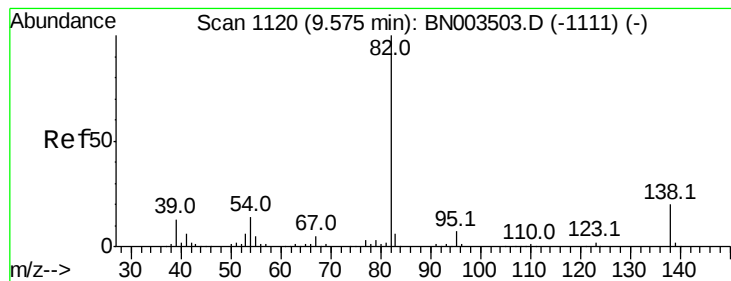
Tot Ion	Ratio	Lower	Upper
82	100		
128	49.8	40.0	60.0
54	45.0	36.1	54.1



#24
 Nitrobenzene
 Concen: 44.108 ng
 RT: 9.06 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BN003531.D
 Acq: 14 Nov 2018 02:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.7	41.0	61.4
65	13.0	10.3	15.5





#25

Isophorone

Concen: 48.740 ng

RT: 9.58 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

Instrument :

BNA_N

ClientSampleId :

PB114756BS

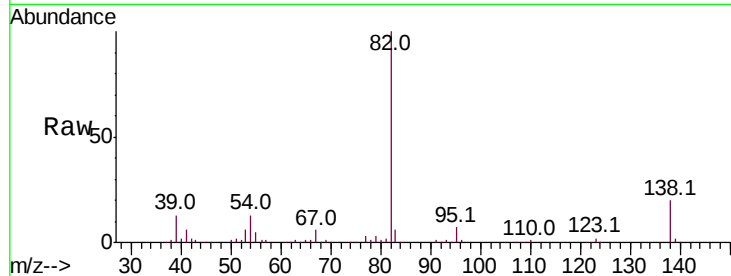
Tot Ion: 82 Resp: 588979

Ion Ratio Lower Upper

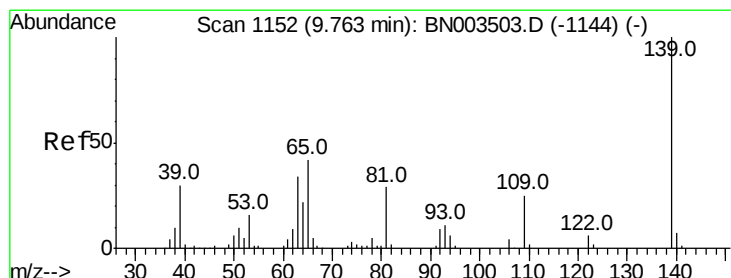
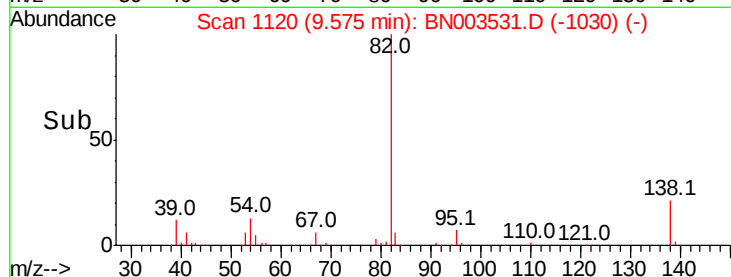
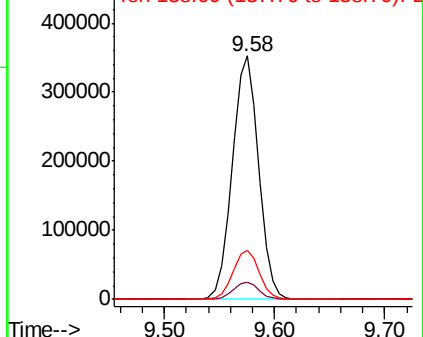
82 100

95 6.9 5.7 8.5

138 20.4 16.4 24.6



Abundance Ion 82.00 (81.70 to 82.70): BNC
Ion 95.00 (94.70 to 95.70): BNC
Ion 138.00 (137.70 to 138.70): BNC



#26

2-Nitrophenol

Concen: 43.813 ng

RT: 9.76 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

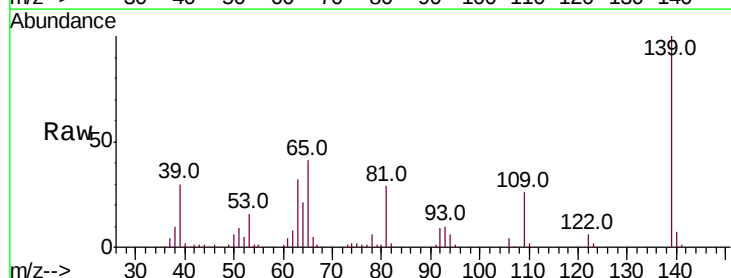
Tgt Ion: 139 Resp: 178375

Ion Ratio Lower Upper

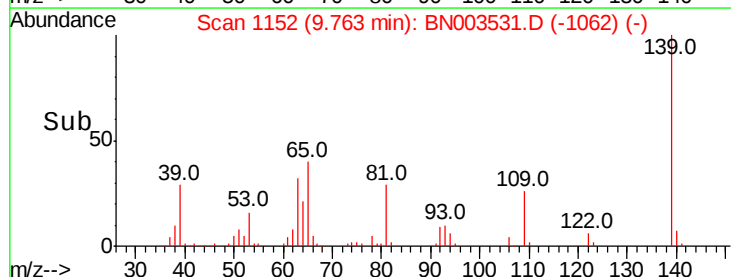
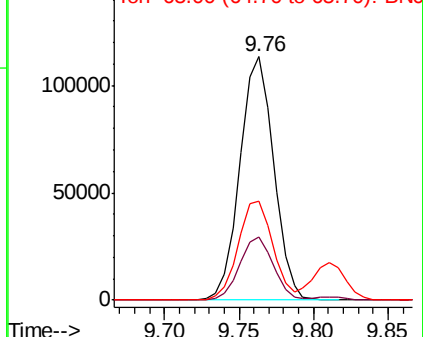
139 100

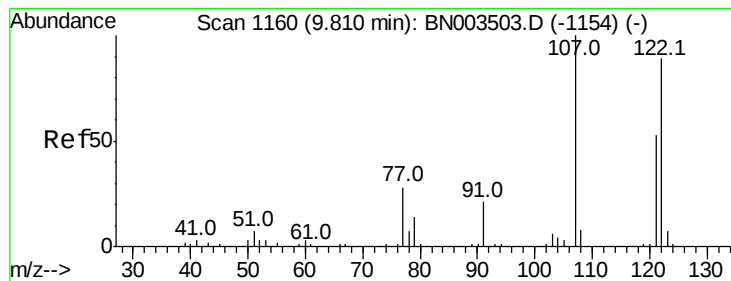
109 26.0 20.4 30.6

65 40.6 33.4 50.0



Abundance Ion 139.00 (138.70 to 139.70): BNC
Ion 109.00 (108.70 to 109.70): BNC
Ion 65.00 (64.70 to 65.70): BNC





#27

2,4-Dimethylphenol

Concen: 53.322 ng

RT: 9.81 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

Instrument :

BNA_N

ClientSampleId :

PB114756BS

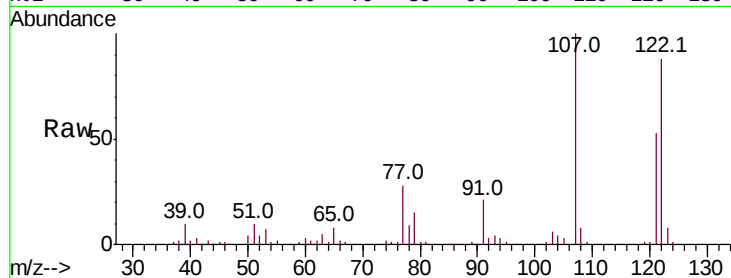
Tot Ion:122 Resp: 310283

Ion Ratio Lower Upper

122 100

107 113.2 88.6 132.8

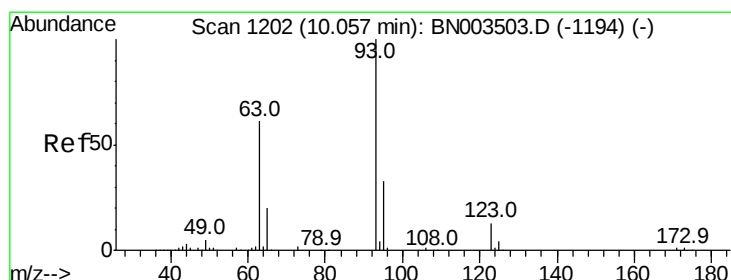
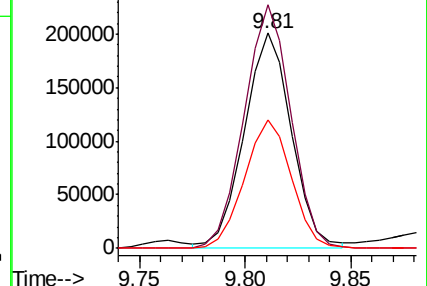
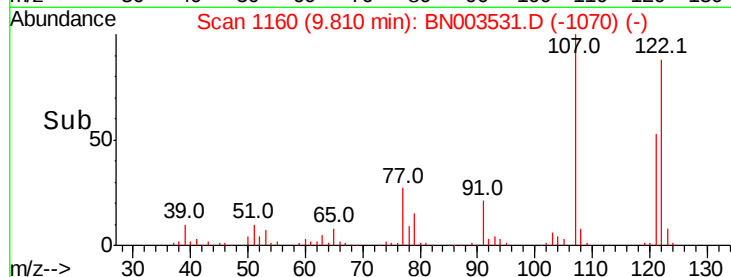
121 59.8 47.1 70.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 46.315 ng

RT: 10.06 min Scan# 1202

Delta R.T. 0.00 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

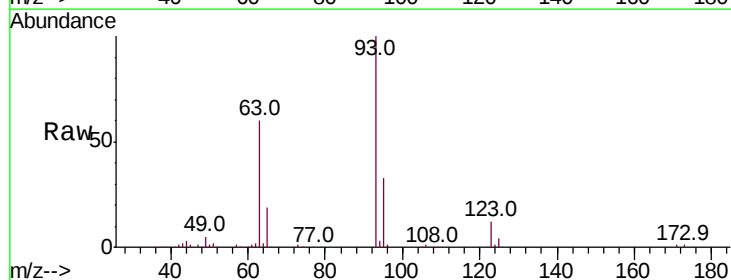
Tgt Ion: 93 Resp: 389665

Ion Ratio Lower Upper

93 100

95 32.6 26.4 39.6

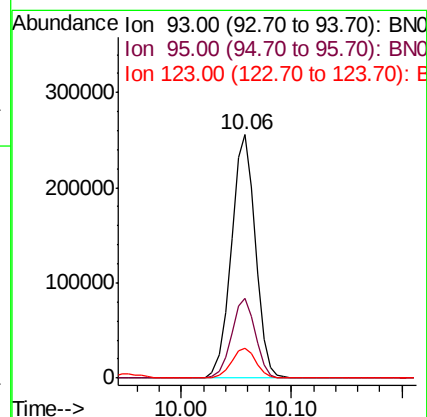
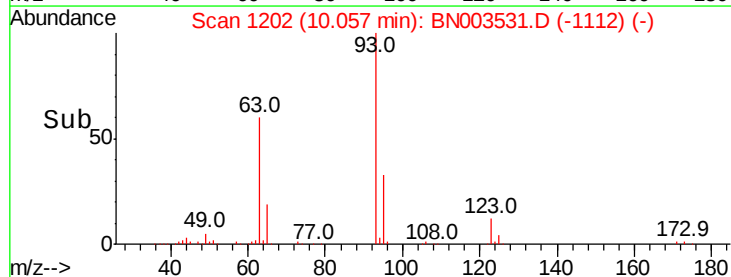
123 12.4 10.2 15.2

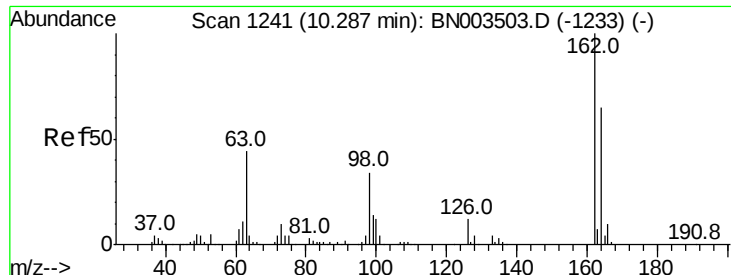


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E

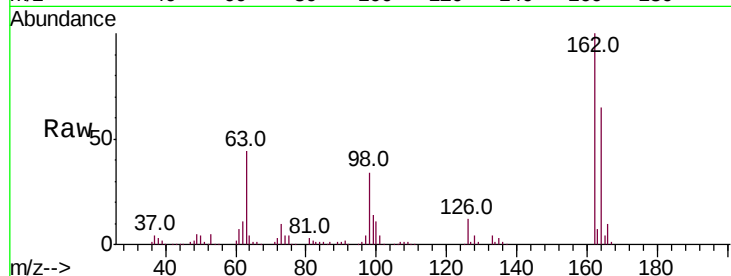




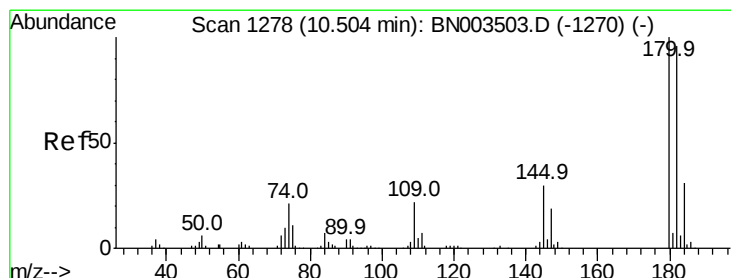
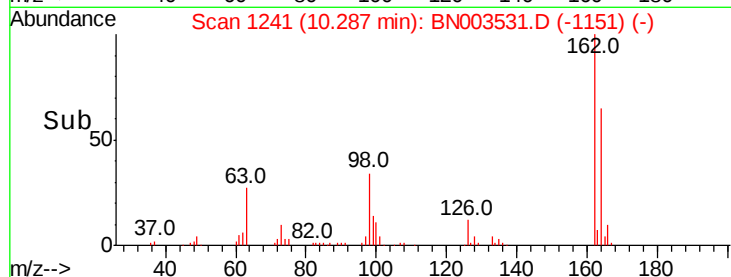
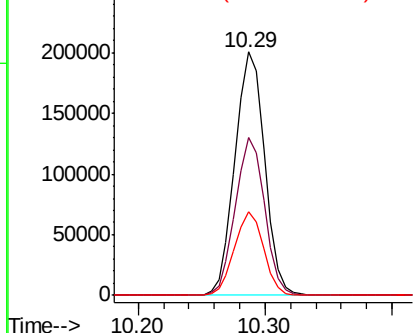
#29
2,4-Dichlorophenol
Concen: 47.529 ng
RT: 10.29 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BN003531.D
Acq: 14 Nov 2018 02:33

Instrument :
BNA_N
ClientSampleId :
PB114756BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.9	84.9
98	34.1	13.5	53.5

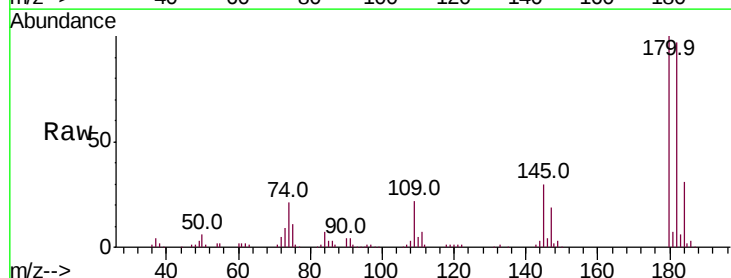


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BNO

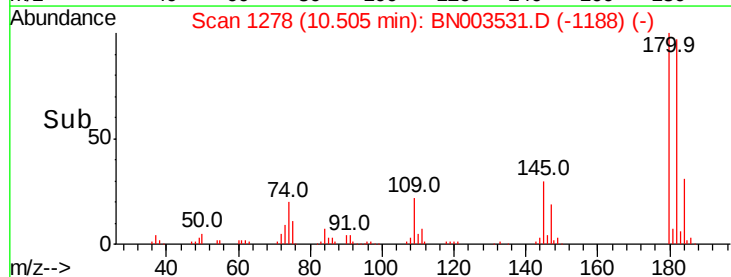
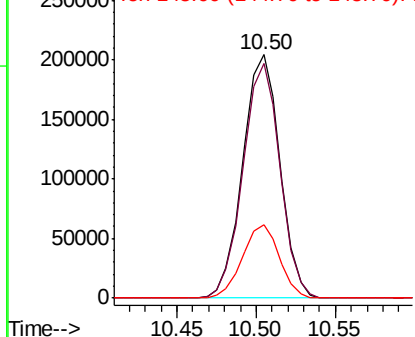


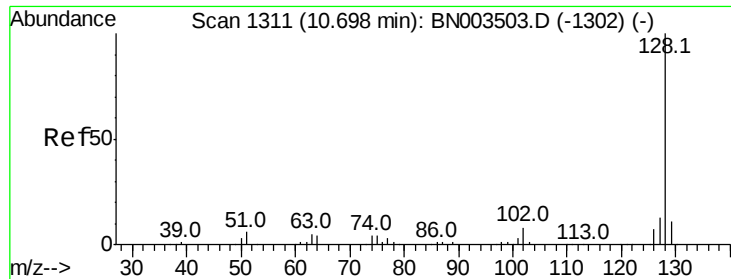
#30
1,2,4-Trichlorobenzene
Concen: 42.727 ng
RT: 10.50 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BN003531.D
Acq: 14 Nov 2018 02:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.6	115.0
145	30.0	23.9	35.9



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

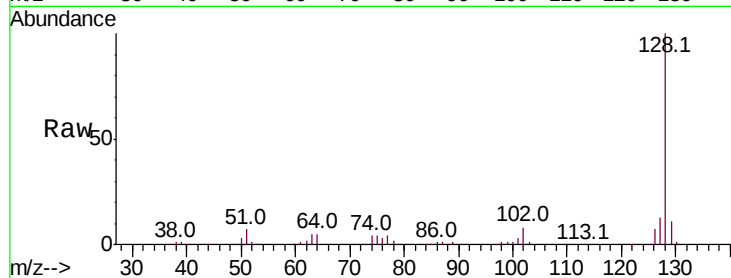




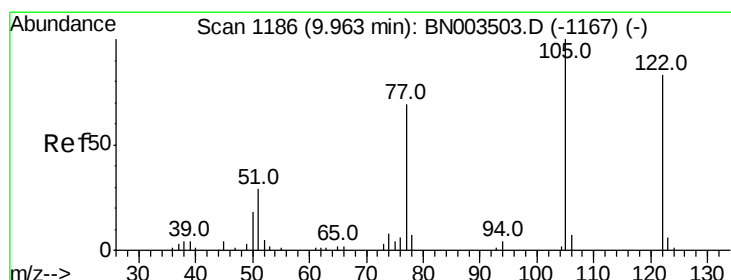
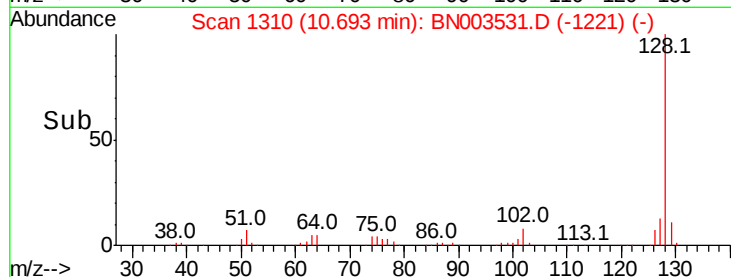
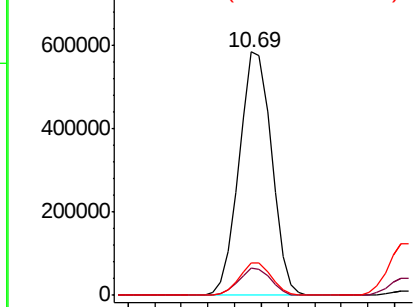
#31
Naphthalene
Concen: 46.306 ng
RT: 10.69 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BN003531.D
Acq: 14 Nov 2018 02:33

Instrument :
BNA_N
ClientSampleId :
PB114756BS

Tot Ion:128 Resp: 990067
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.3 10.6 15.8

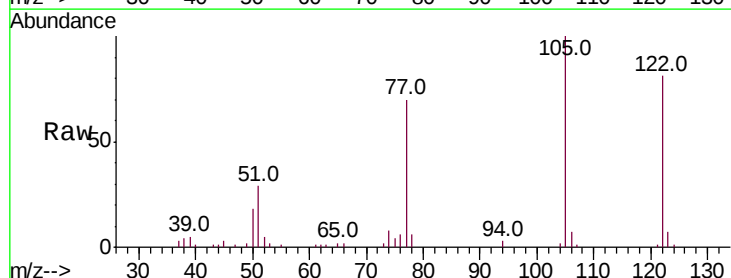


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

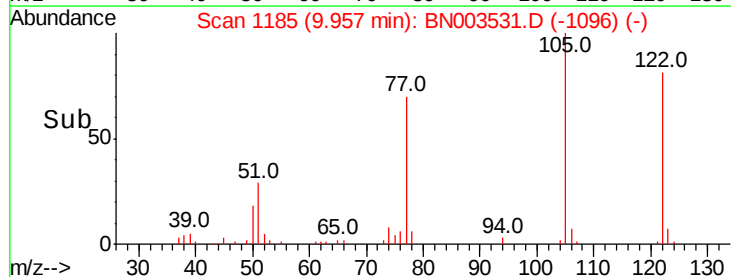
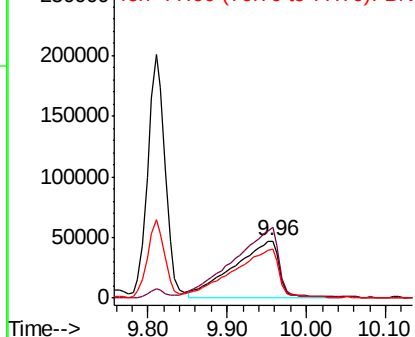


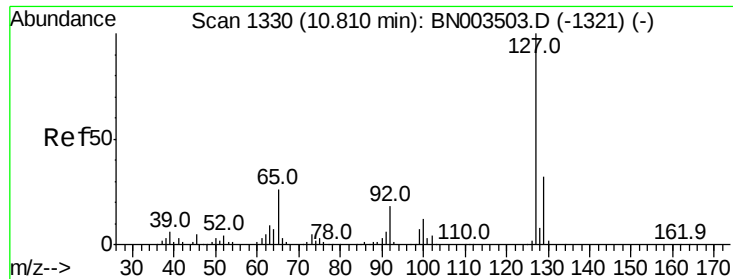
#32
Benzoic acid
Concen: 36.290 ng
RT: 9.96 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BN003531.D
Acq: 14 Nov 2018 02:33

Tgt Ion:122 Resp: 186500
Ion Ratio Lower Upper
122 100
105 123.1 98.4 138.4
77 86.6 62.2 102.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BNO

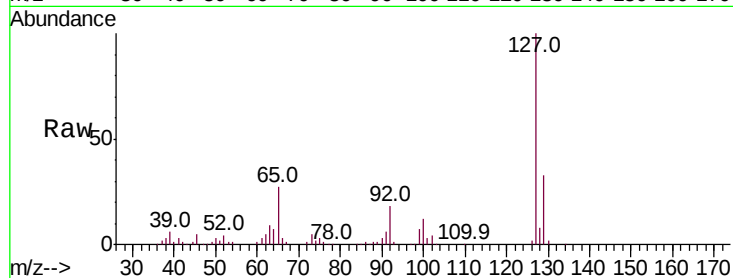




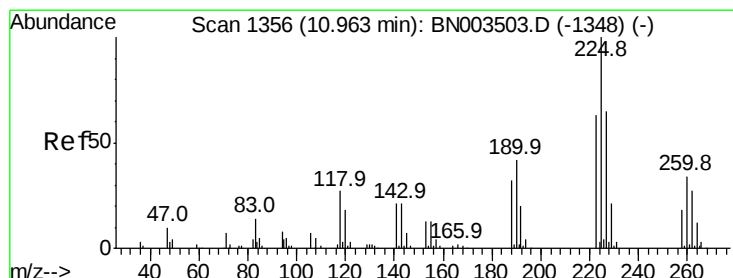
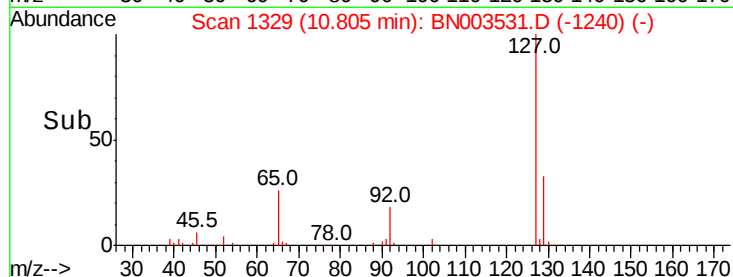
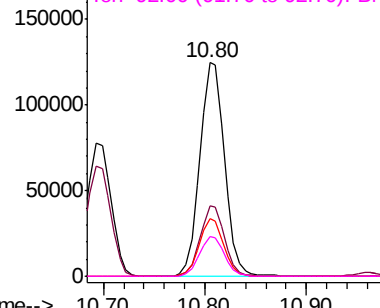
#33
4-Chloroaniline
Concen: 22.122 ng
RT: 10.80 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BN003531.D
Acq: 14 Nov 2018 02:33

Instrument :
BNA_N
ClientSampleId :
PB114756BS

Tot Ion:	127	Resp:	211043
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.0	39.0
65	26.7	21.2	31.8
92	18.5	14.6	22.0

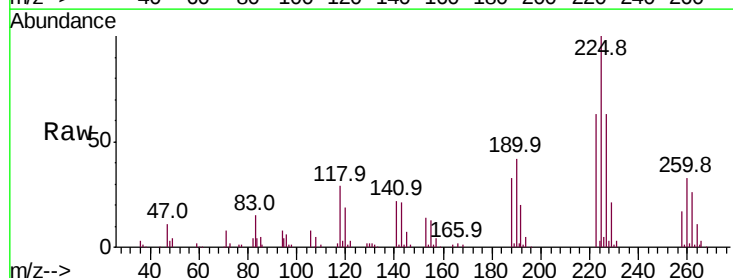


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

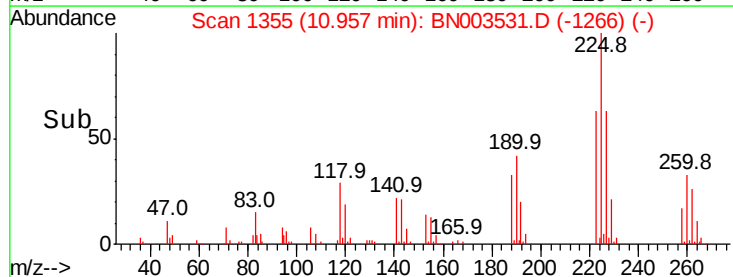
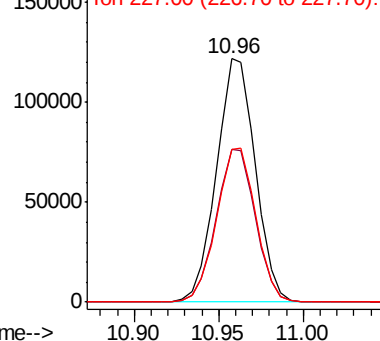


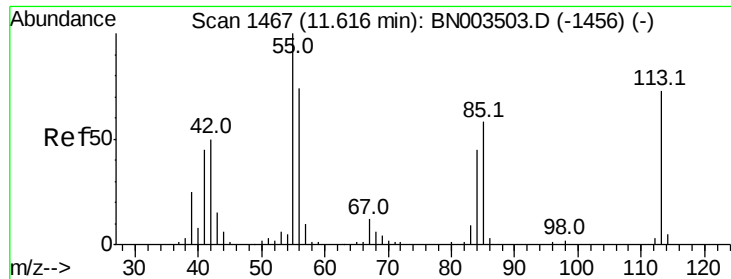
#34
Hexachlorobutadiene
Concen: 41.701 ng
RT: 10.96 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BN003531.D
Acq: 14 Nov 2018 02:33

Tgt Ion:	225	Resp:	194868
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.6	76.0
227	62.9	52.0	78.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 38.374 ng

RT: 11.60 min Scan# 1464

Delta R.T. -0.02 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

Instrument :

BNA_N

ClientSampleId :

PB114756BS

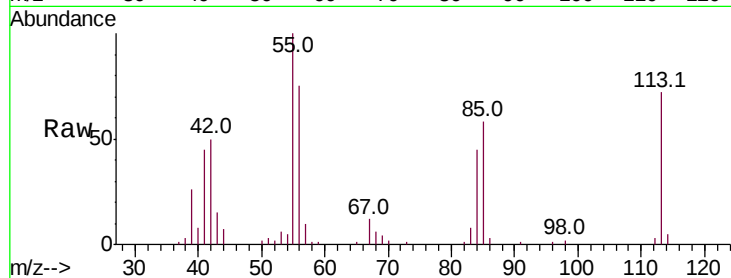
Tot Ion:113 Resp: 92650

Ion Ratio Lower Upper

113 100

55 139.0 117.0 157.0

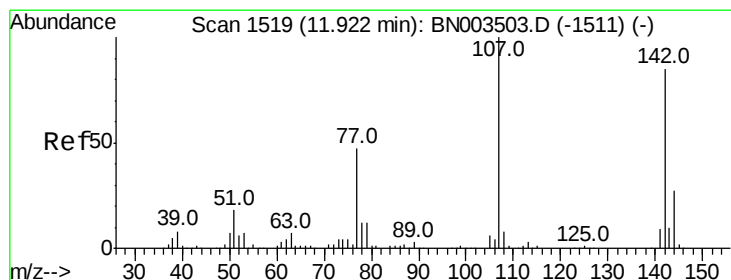
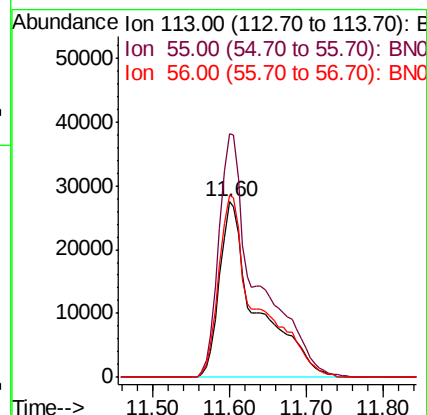
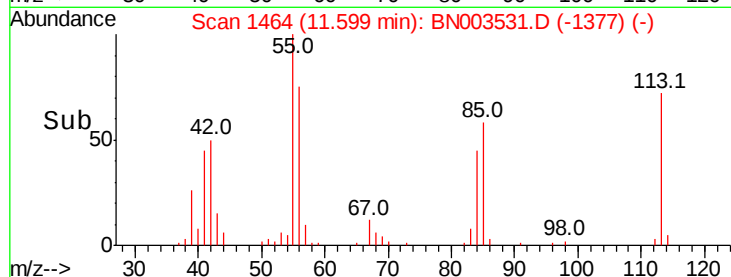
56 104.1 82.0 122.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#36

4-Chloro-3-methylphenol

Concen: 43.855 ng

RT: 11.92 min Scan# 1519

Delta R.T. 0.00 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

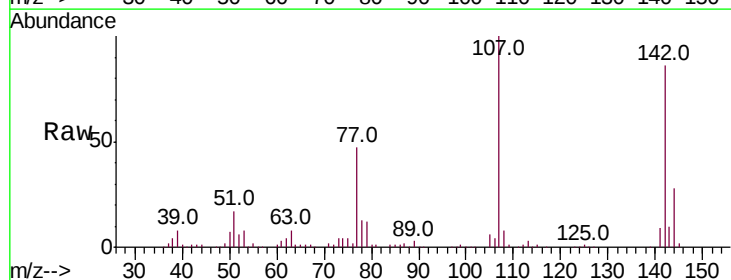
Tgt Ion:107 Resp: 318084

Ion Ratio Lower Upper

107 100

144 27.6 22.0 33.0

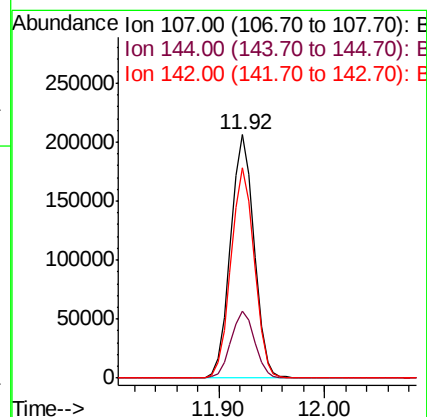
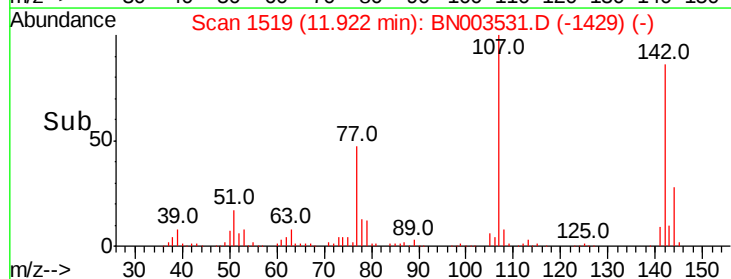
142 86.3 68.0 102.0

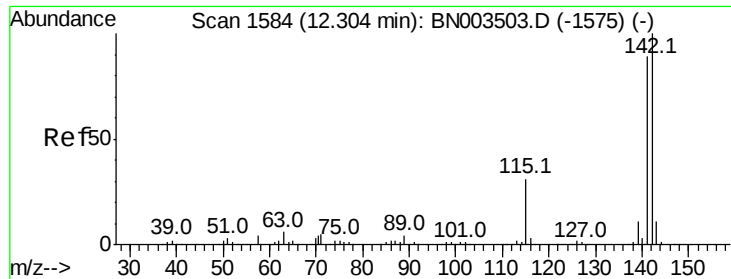


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

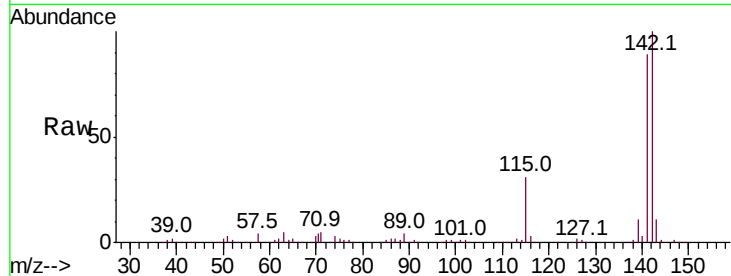




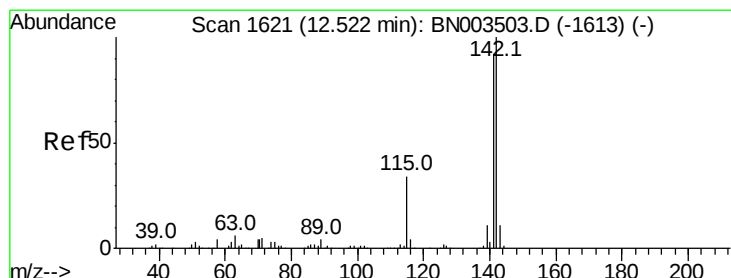
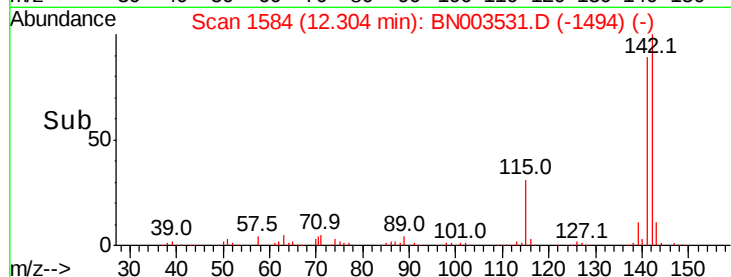
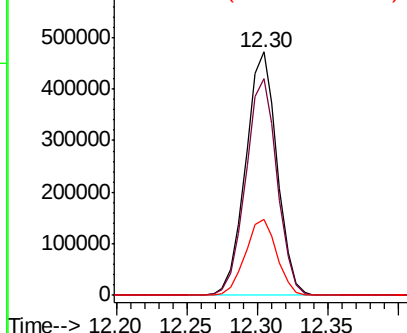
#37
2-Methylnaphthalene
Concen: 48.073 ng
RT: 12.30 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BN003531.D
Acq: 14 Nov 2018 02:33

Instrument :
BNA_N
ClientSampleId :
PB114756BS

Tot Ion:142 Resp: 734095
Ion Ratio Lower Upper
142 100
141 89.2 71.0 106.6
115 31.3 25.1 37.7

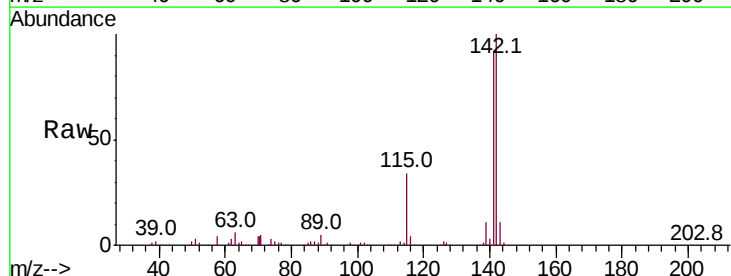


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

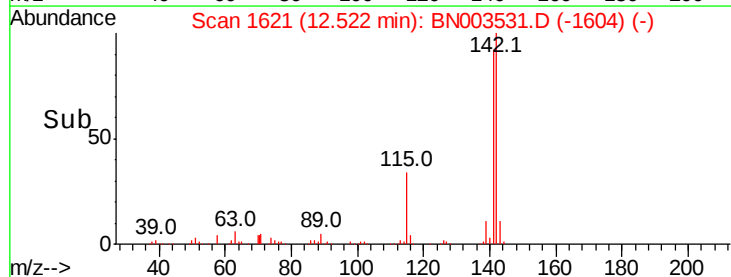
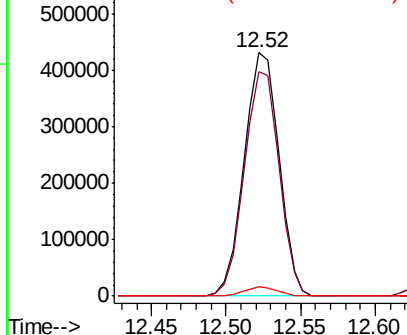


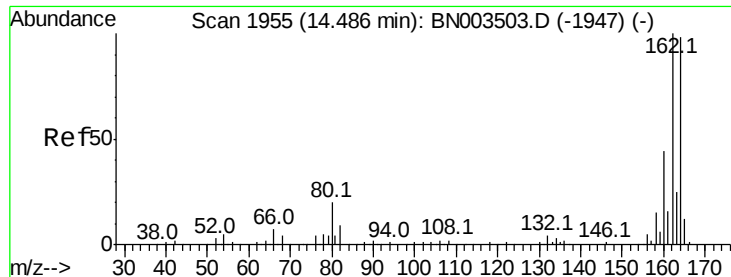
#38
1-Methylnaphthalene
Concen: 46.937 ng
RT: 12.52 min Scan# 1621
Delta R.T. 0.00 min
Lab File: BN003531.D
Acq: 14 Nov 2018 02:33

Tgt Ion:142 Resp: 694229
Ion Ratio Lower Upper
142 100
141 92.4 73.9 110.9
116 3.6 2.8 4.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.48 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

Instrument :

BNA_N

ClientSampleId :

PB114756BS

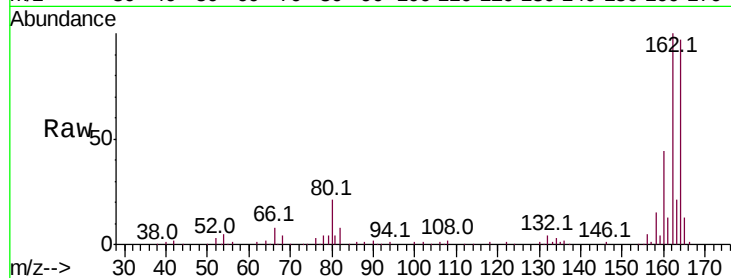
Tot Ion:164 Resp: 249077

Ion Ratio Lower Upper

164 100

162 103.3 81.8 122.6

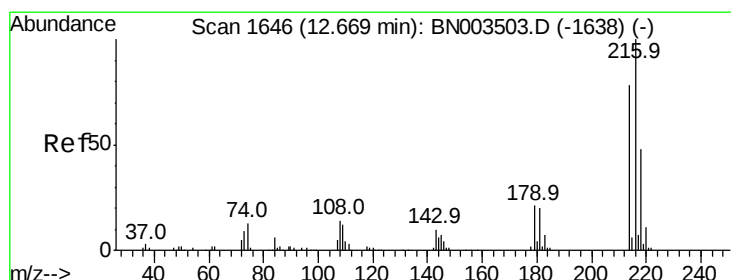
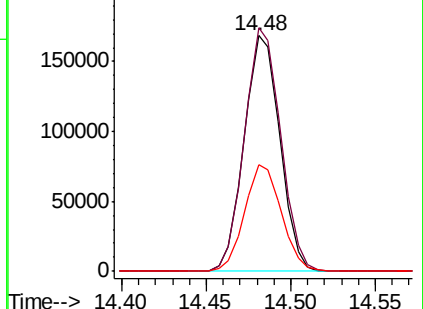
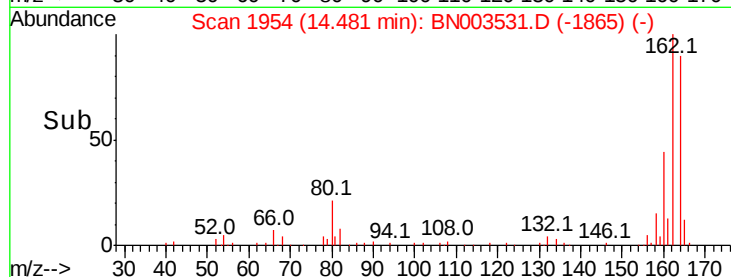
160 45.1 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.713 ng

RT: 12.67 min Scan# 1646

Delta R.T. 0.00 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

Tgt Ion:216 Resp: 382429

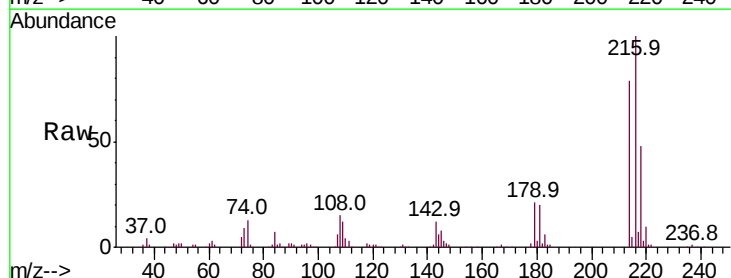
Ion Ratio Lower Upper

216 100

214 79.0 62.6 94.0

179 20.6 16.5 24.7

108 17.9 12.8 19.2

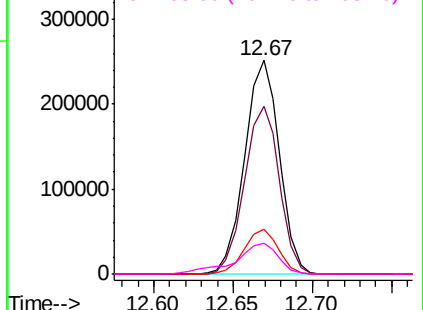
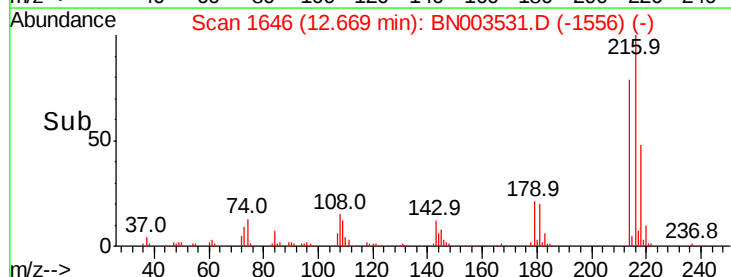


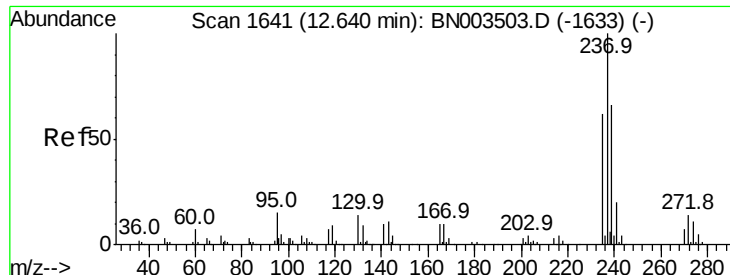
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 102.107 ng

RT: 12.64 min Scan# 1641

Delta R.T. 0.00 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

Instrument :

BNA_N

ClientSampleId :

PB114756BS

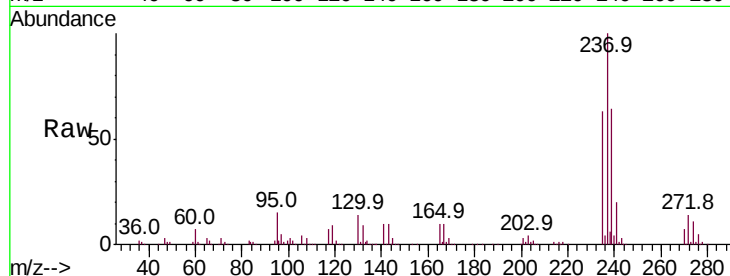
Tot Ion:237 Resp: 498032

Ion Ratio Lower Upper

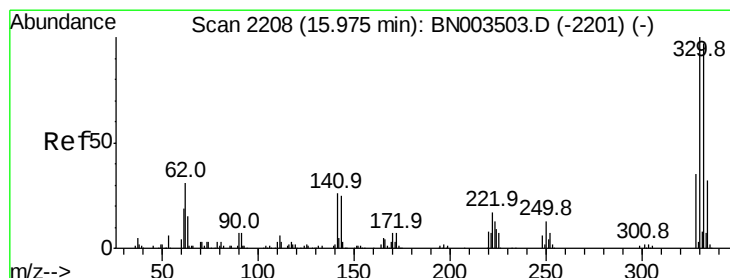
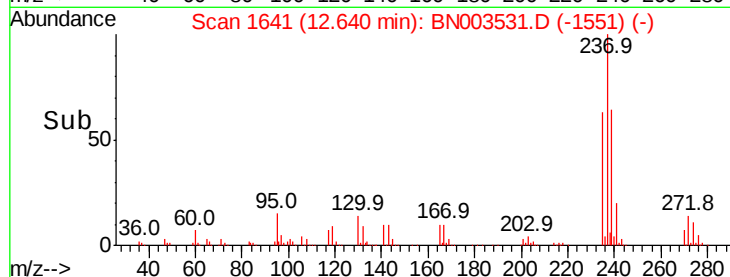
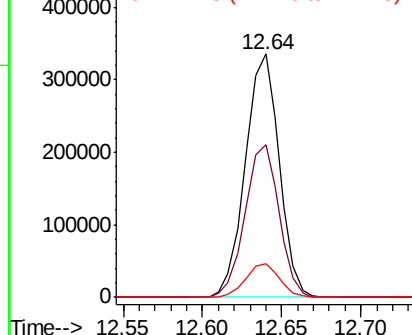
237 100

235 62.8 41.8 81.8

272 13.9 0.0 34.1



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 132.929 ng

RT: 15.97 min Scan# 2208

Delta R.T. 0.00 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

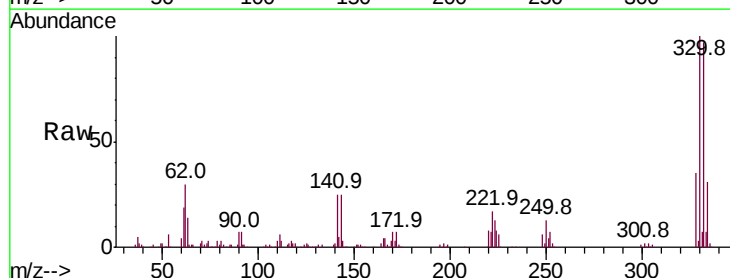
Tgt Ion:330 Resp: 493580

Ion Ratio Lower Upper

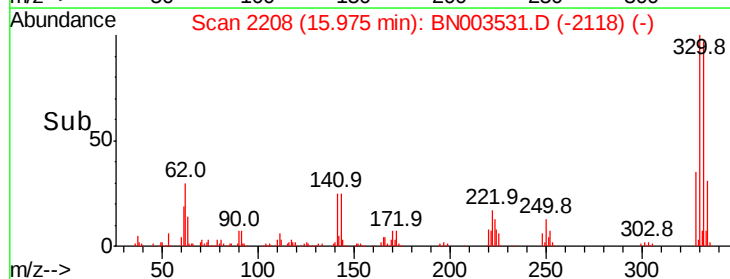
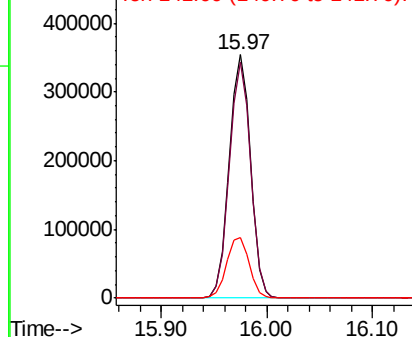
330 100

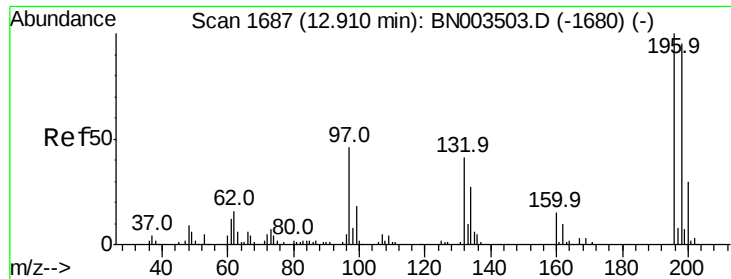
332 96.5 76.8 115.2

141 26.3 21.6 32.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

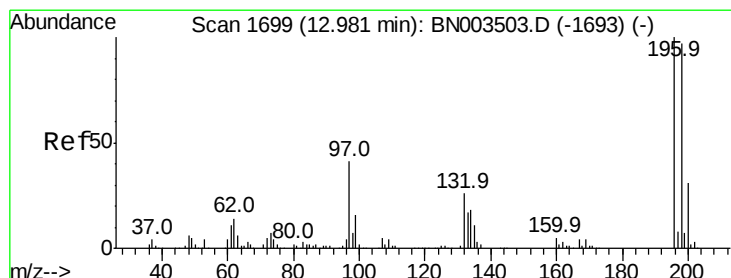
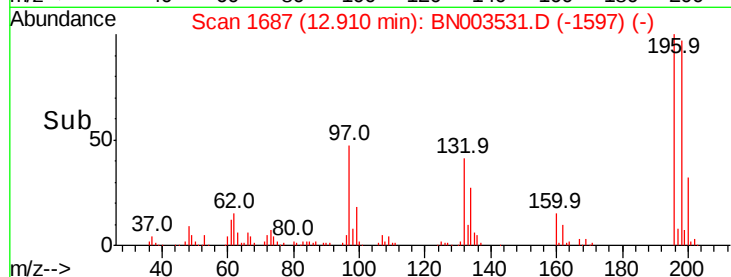
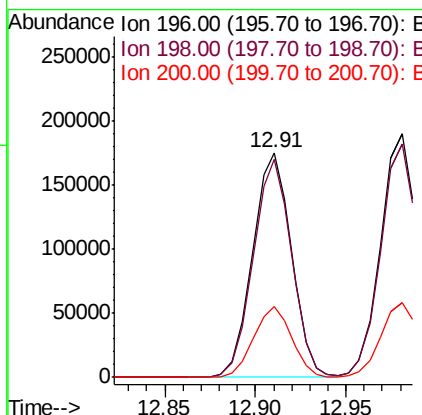
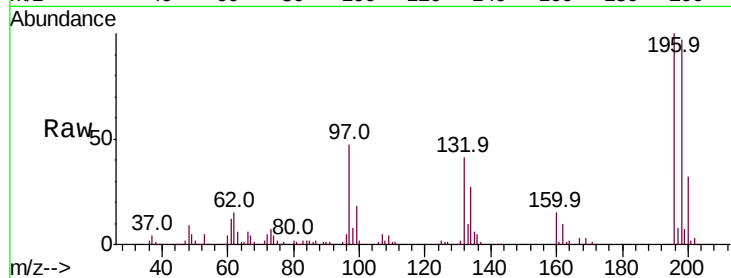




#43
 2,4,6-Trichlorophenol
 Concen: 46.747 ng
 RT: 12.91 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: BN003531.D
 Acq: 14 Nov 2018 02:33

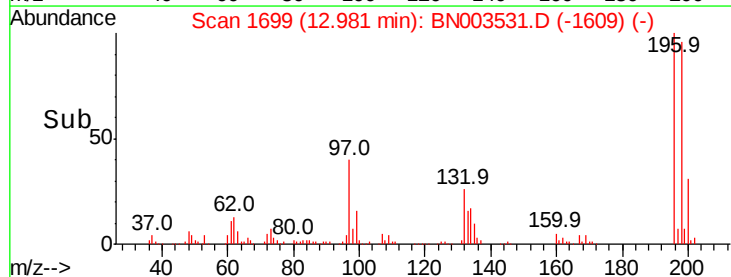
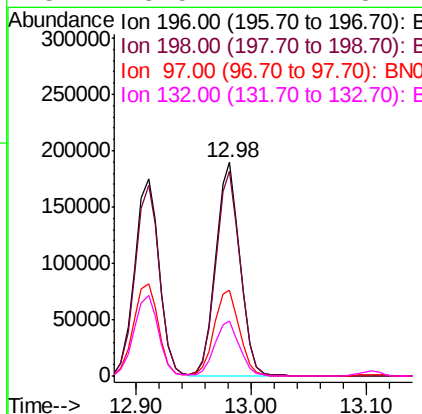
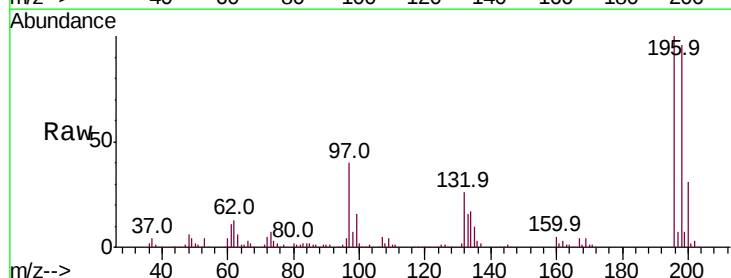
Instrument :
 BNA_N
 ClientSampleId :
 PB114756BS

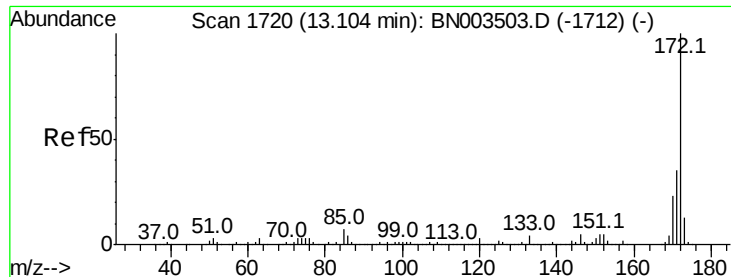
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.9	76.1	114.1
200	31.8	24.2	36.4



#44
 2,4,5-Trichlorophenol
 Concen: 46.438 ng
 RT: 12.98 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BN003531.D
 Acq: 14 Nov 2018 02:33

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	77.6	116.4
97	40.0	33.0	49.4
132	25.5	21.1	31.7



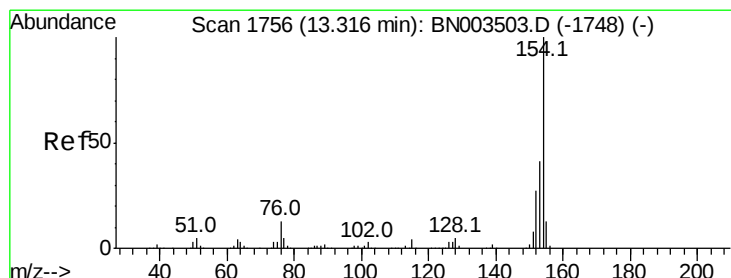
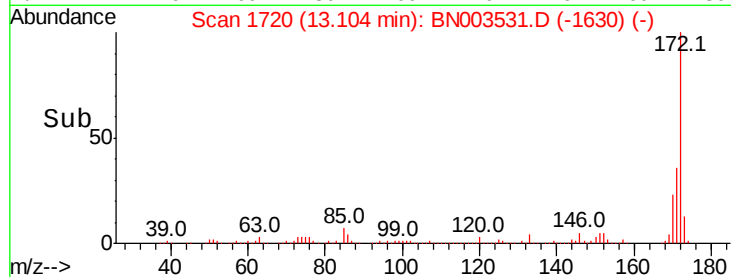
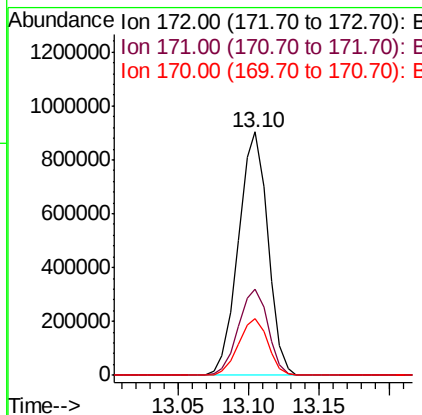
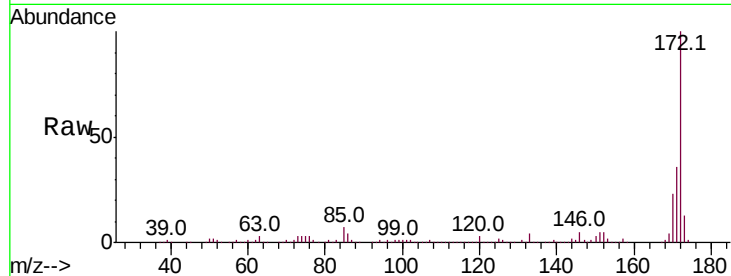


#45
 2-Fluorobiphenyl
 Concen: 70.490 ng
 RT: 13.10 min Scan# 1720
 Delta R.T. 0.00 min
 Lab File: BN003531.D
 Acq: 14 Nov 2018 02:33

Instrument :
 BNA_N
 ClientSampleId :
 PB114756BS

Tot Ion:172 Resp: 1315408

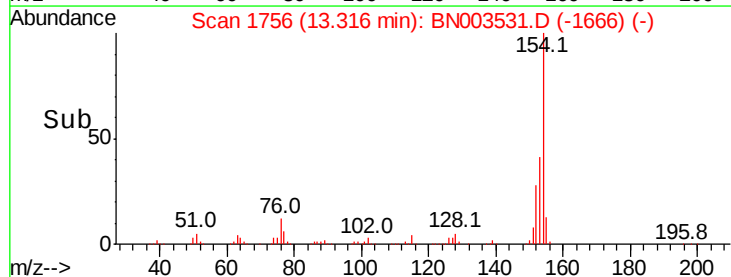
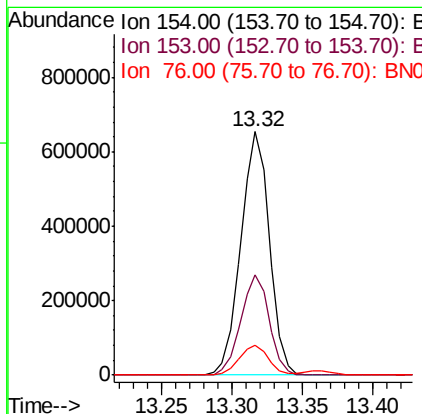
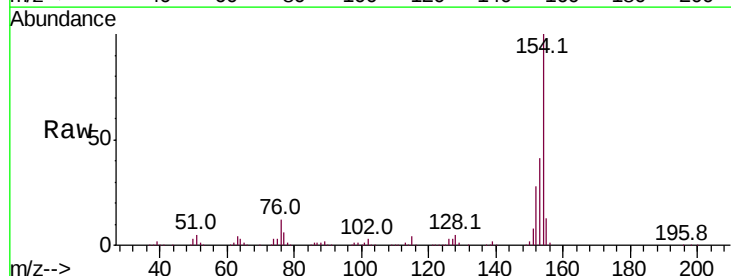
Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.3	42.5
170	23.2	18.7	28.1

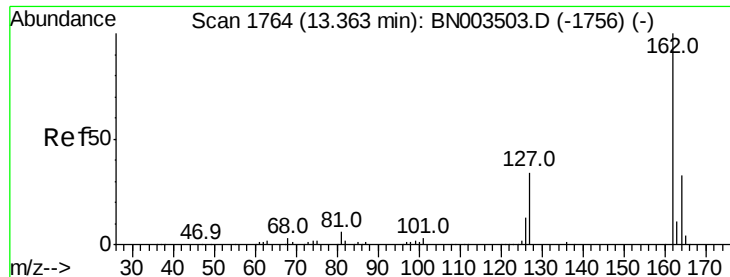


#46
 1,1'-Biphenyl
 Concen: 41.769 ng
 RT: 13.32 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: BN003531.D
 Acq: 14 Nov 2018 02:33

Tgt Ion:154 Resp: 921437

Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.6	60.6
76	12.3	0.0	32.5

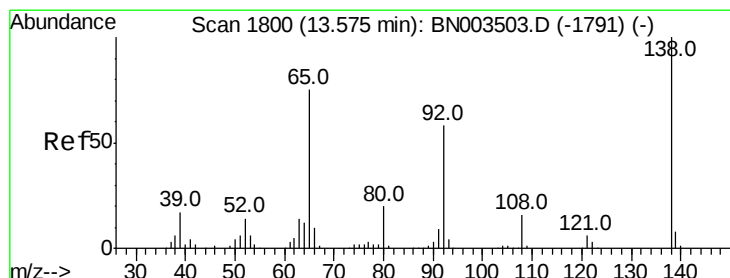
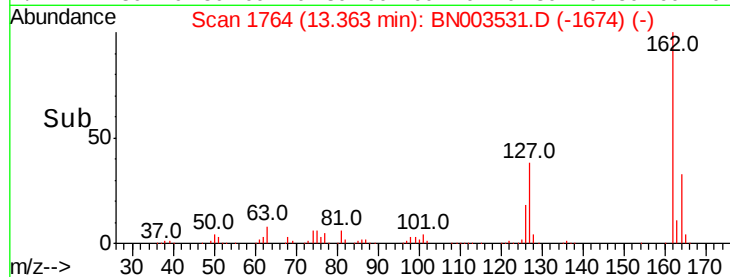
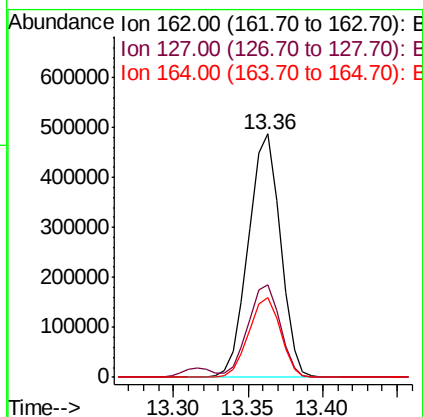
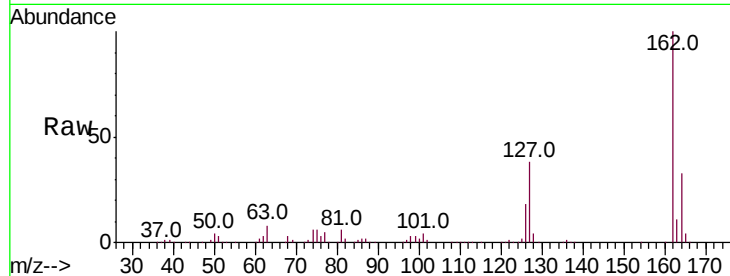




#47
 2-Chloronaphthalene
 Concen: 43.434 ng
 RT: 13.36 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: BN003531.D
 Acq: 14 Nov 2018 02:33

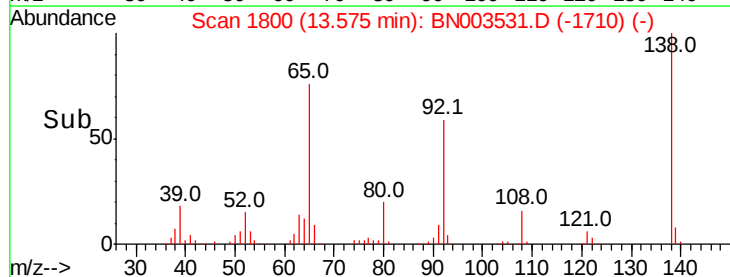
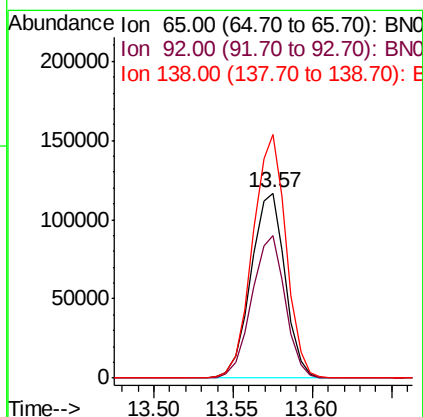
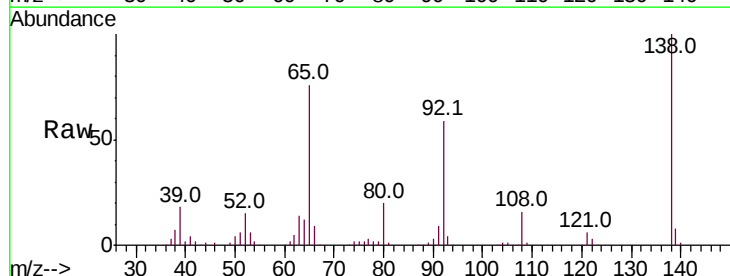
Instrument :
 BNA_N
 ClientSampleId :
 PB114756BS

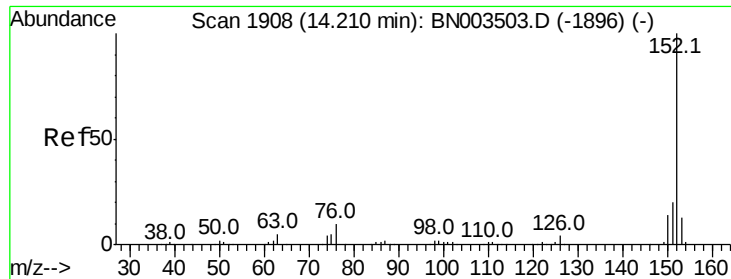
Tot Ion:162 Resp: 720911
 Ion Ratio Lower Upper
 162 100
 127 38.0 30.7 46.1
 164 32.6 26.1 39.1



#48
 2-Nitroaniline
 Concen: 42.307 ng
 RT: 13.57 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: BN003531.D
 Acq: 14 Nov 2018 02:33

Tgt Ion: 65 Resp: 174963
 Ion Ratio Lower Upper
 65 100
 92 77.1 61.4 92.0
 138 131.5 106.8 160.2





#49

Acenaphthylene

Concen: 47.012 ng

RT: 14.21 min Scan# 1908

Delta R.T. 0.00 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

Instrument :

BNA_N

ClientSampleId :

PB114756BS

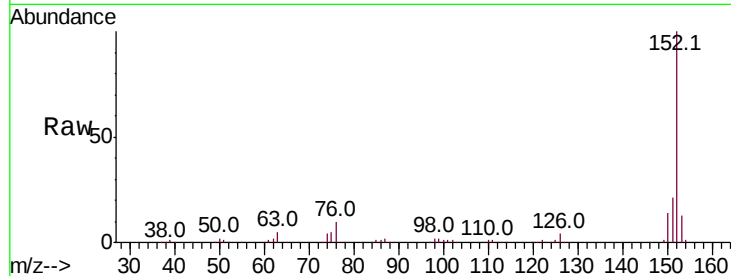
Tot Ion:152 Resp: 1151135

Ion Ratio Lower Upper

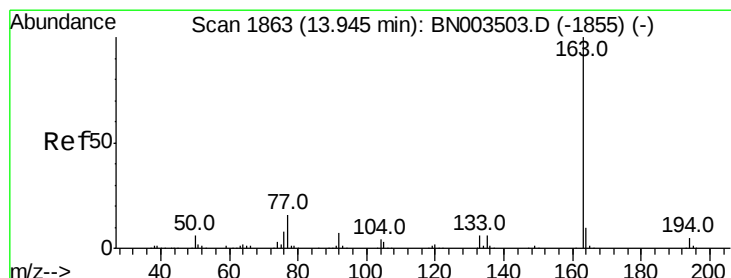
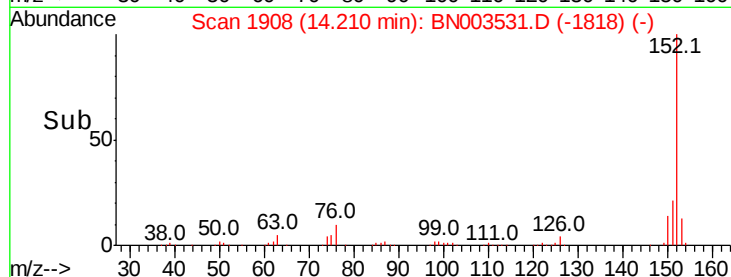
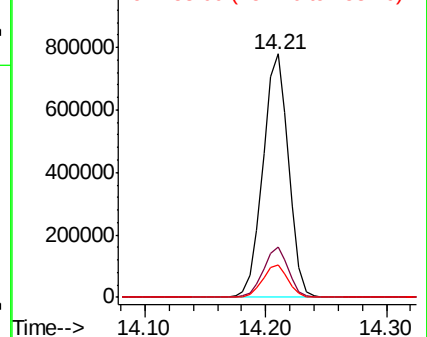
152 100

151 20.5 16.1 24.1

153 13.3 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.641 ng

RT: 13.94 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

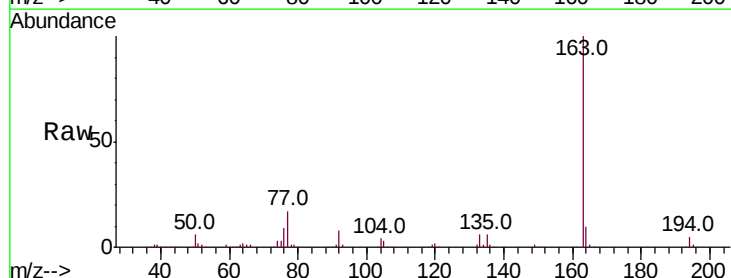
Tgt Ion:163 Resp: 871067

Ion Ratio Lower Upper

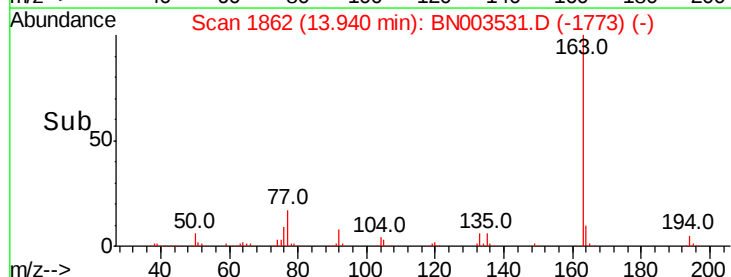
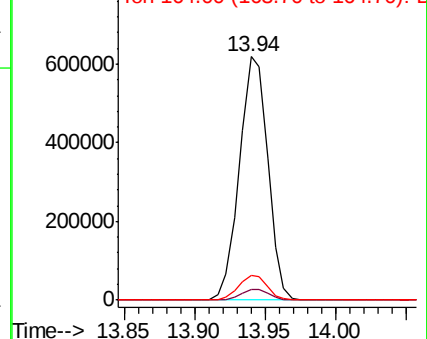
163 100

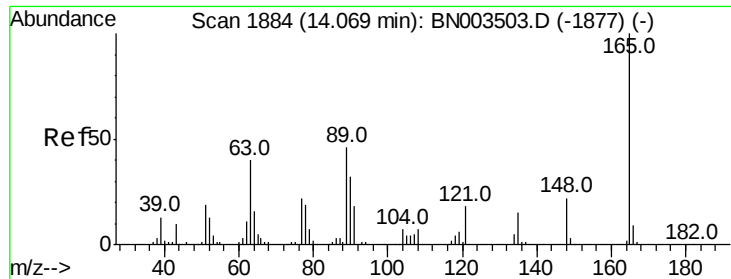
194 4.5 3.6 5.4

164 10.3 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.217 ng

RT: 14.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

Instrument :

BNA_N

ClientSampleId :

PB114756BS

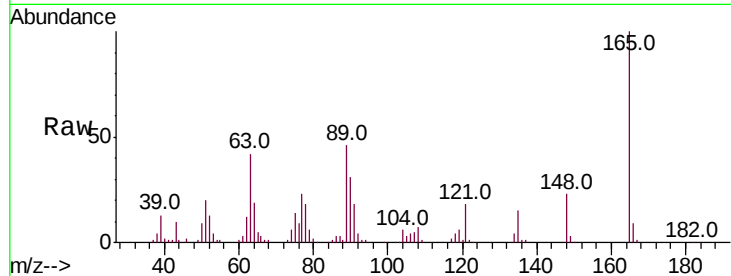
Tot Ion:165 Resp: 196836

Ion Ratio Lower Upper

165 100

63 42.3 34.3 51.5

89 45.5 36.7 55.1



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNO

Ion 89.00 (88.70 to 89.70): BNO

200000

150000

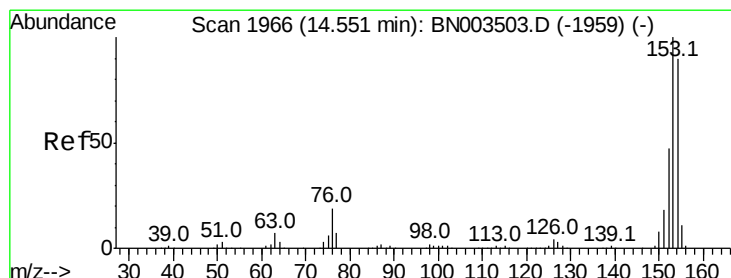
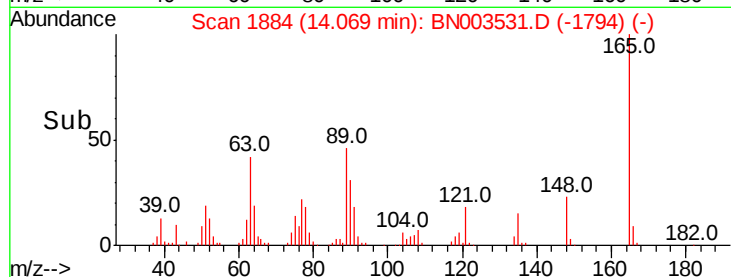
100000

50000

0

14.00 14.05 14.10

Time-->



#52

Acenaphthene

Concen: 44.495 ng

RT: 14.55 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

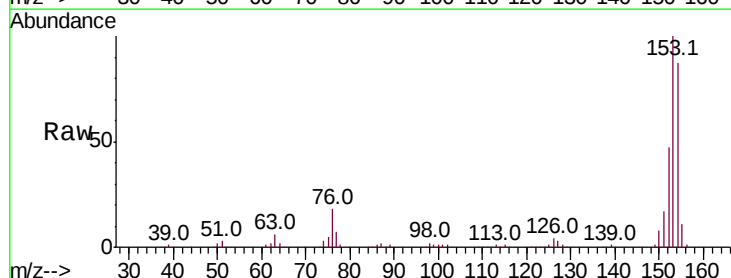
Tgt Ion:154 Resp: 660766

Ion Ratio Lower Upper

154 100

153 114.5 88.9 133.3

152 53.4 42.1 63.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

600000

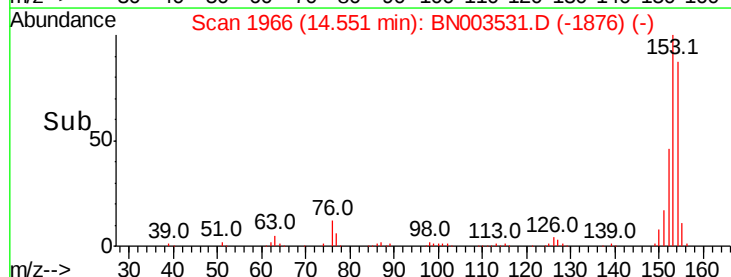
400000

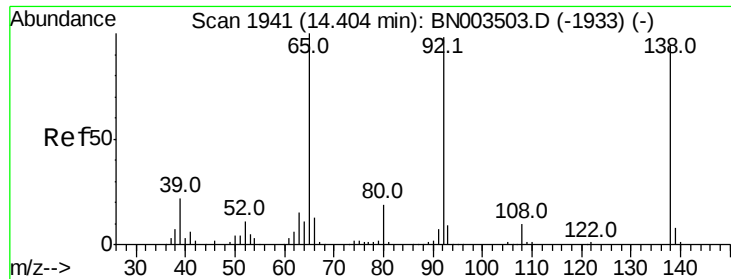
200000

0

14.50 14.55 14.60

Time-->

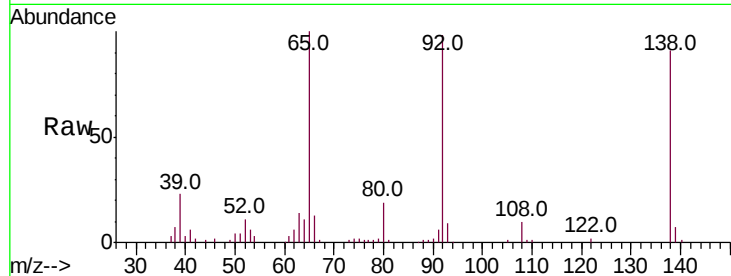




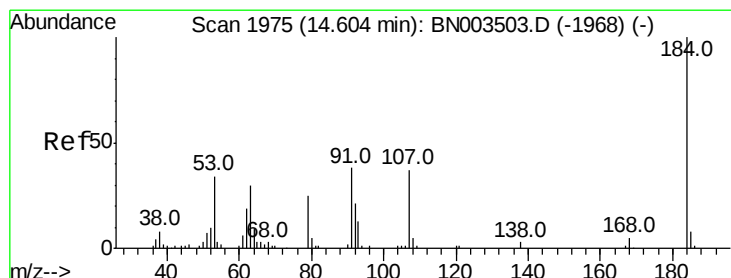
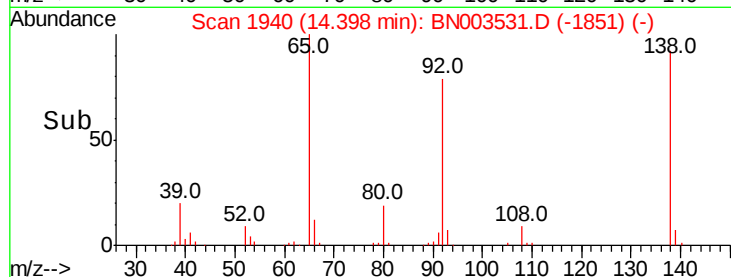
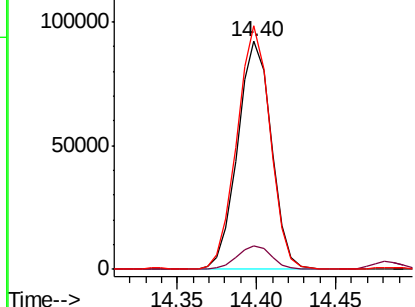
#53
 3-Nitroaniline
 Concen: 28.035 ng
 RT: 14.40 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BN003531.D
 Acq: 14 Nov 2018 02:33

Instrument :
 BNA_N
 ClientSampleId :
 PB114756BS

Tot Ion:138 Resp: 136509
 Ion Ratio Lower Upper
 138 100
 108 10.5 8.2 12.4
 92 106.8 83.5 125.3

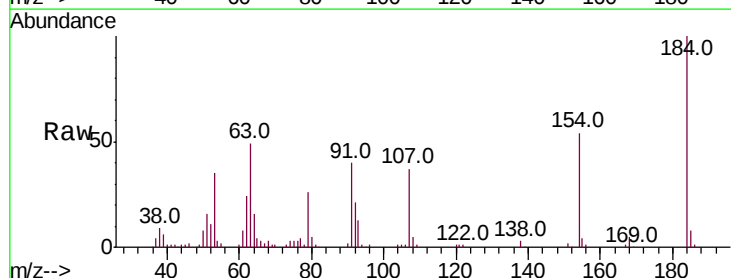


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BNO

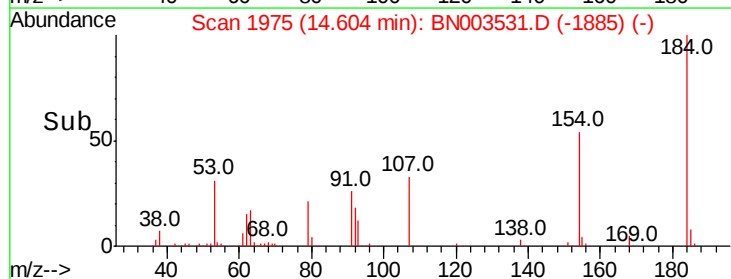
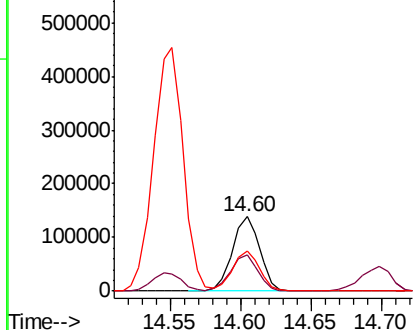


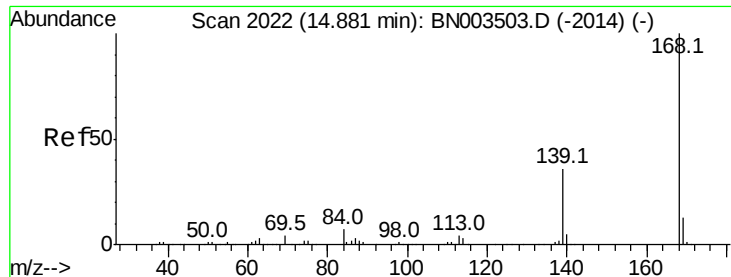
#54
 2,4-Dinitrophenol
 Concen: 75.683 ng
 RT: 14.60 min Scan# 1975
 Delta R.T. 0.00 min
 Lab File: BN003531.D
 Acq: 14 Nov 2018 02:33

Tgt Ion:184 Resp: 188566
 Ion Ratio Lower Upper
 184 100
 63 48.7 37.8 56.8
 154 53.6 41.9 62.9



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BNO
 Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 43.487 ng

RT: 14.88 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

Instrument :

BNA_N

ClientSampleId :

PB114756BS

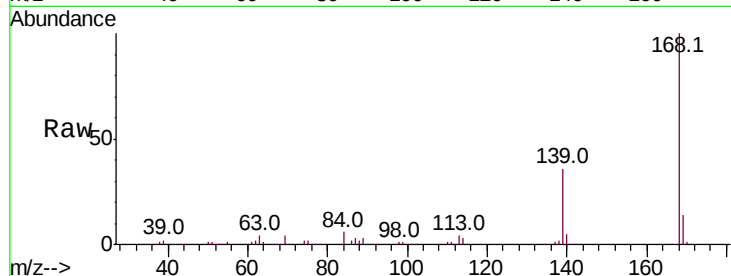
Tot Ion:168 Resp: 1063827

Ion Ratio Lower Upper

168 100

139 35.9 28.7 43.1

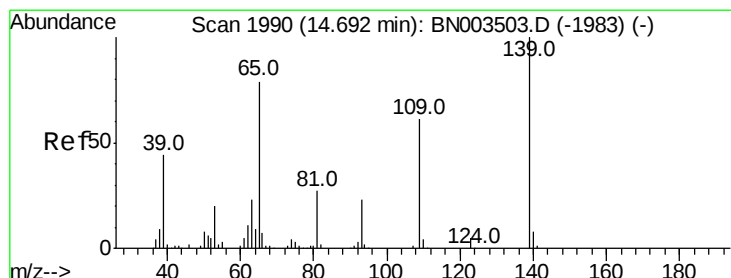
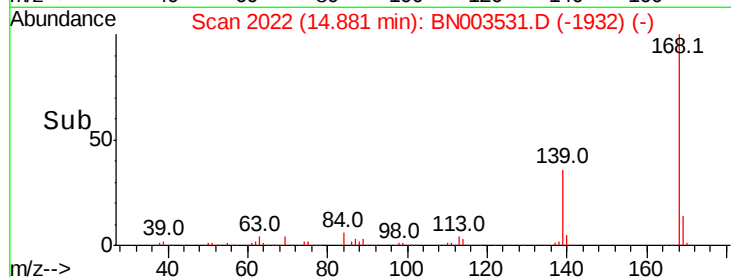
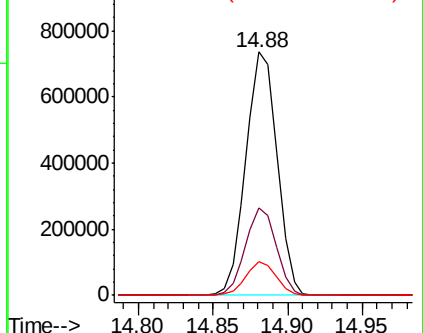
169 13.6 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 82.287 ng

RT: 14.70 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

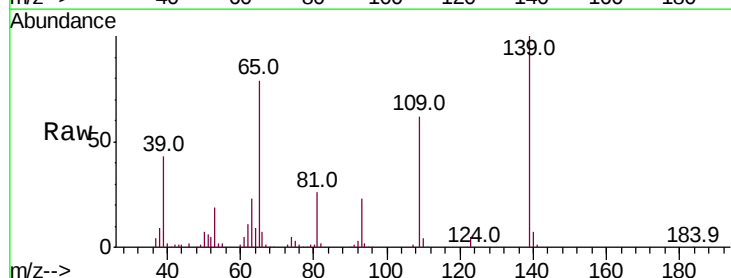
Tgt Ion:139 Resp: 306129

Ion Ratio Lower Upper

139 100

109 61.7 40.9 80.9

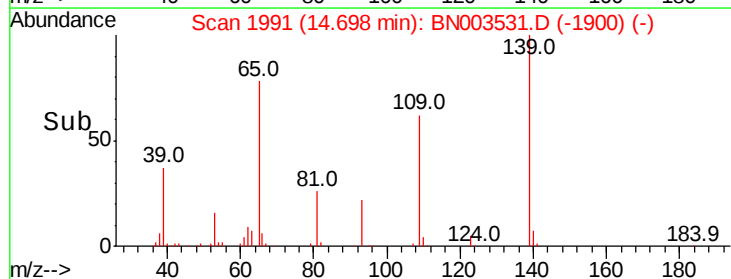
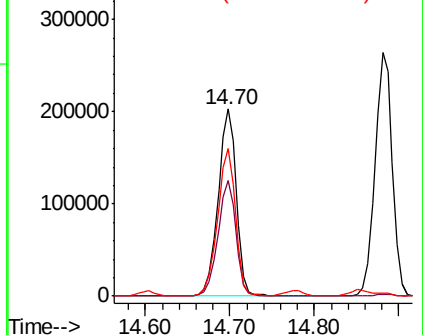
65 78.8 59.4 99.4

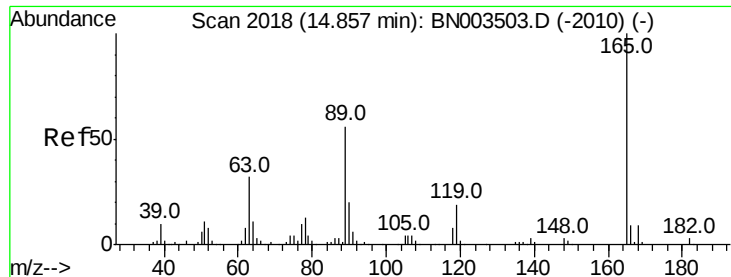


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BNO

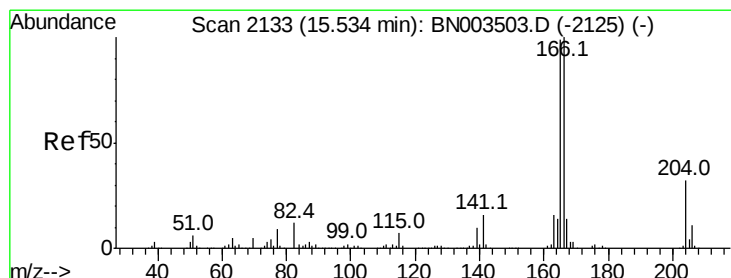
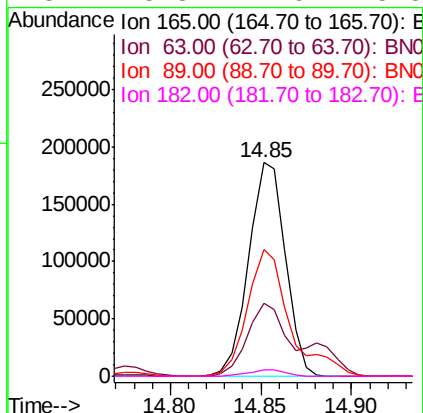
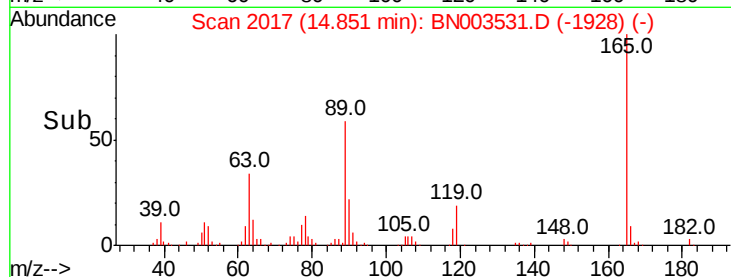
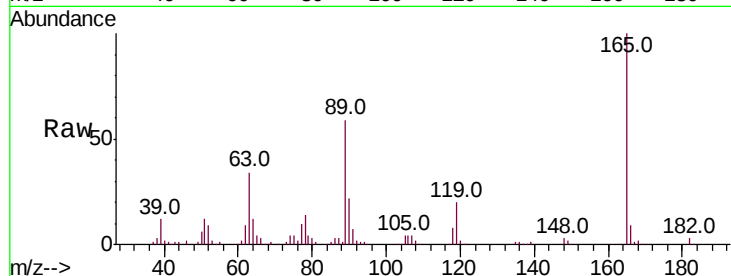




#57
 2,4-Dinitrotoluene
 Concen: 42.550 ng
 RT: 14.85 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BN003531.D
 Acq: 14 Nov 2018 02:33

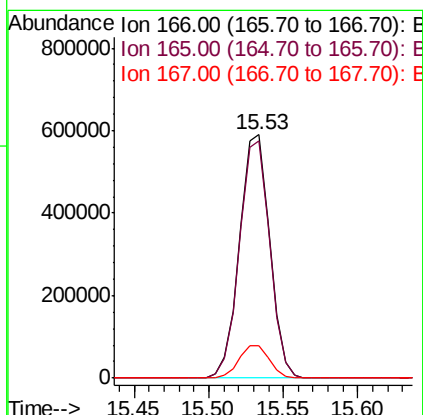
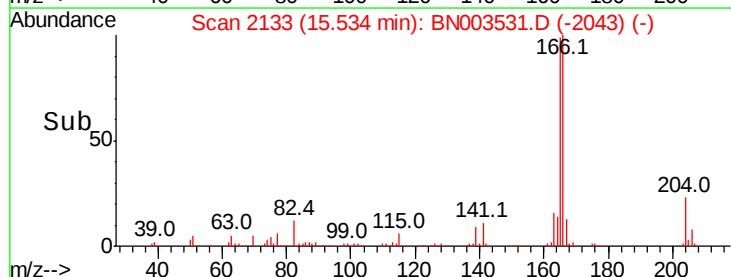
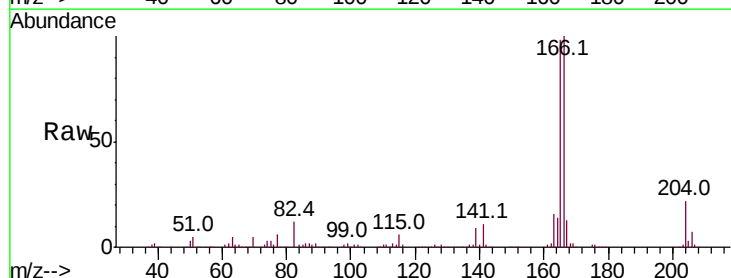
Instrument :
 BNA_N
 ClientSampleId :
 PB114756BS

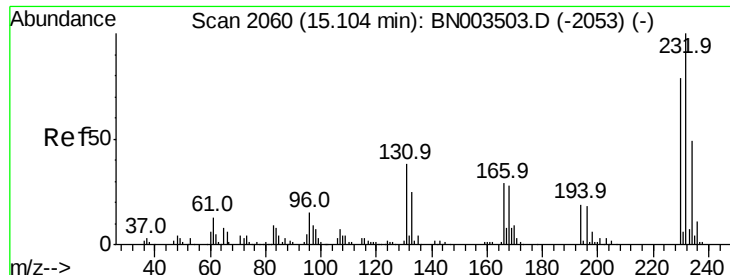
Tot Ion	Ratio	Lower	Upper
165	100		
63	34.3	25.4	38.2
89	59.4	44.7	67.1
182	3.3	2.6	3.8



#58
 Fluorene
 Concen: 45.956 ng
 RT: 15.53 min Scan# 2133
 Delta R.T. 0.00 min
 Lab File: BN003531.D
 Acq: 14 Nov 2018 02:33

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.8	118.2
167	13.4	11.0	16.4

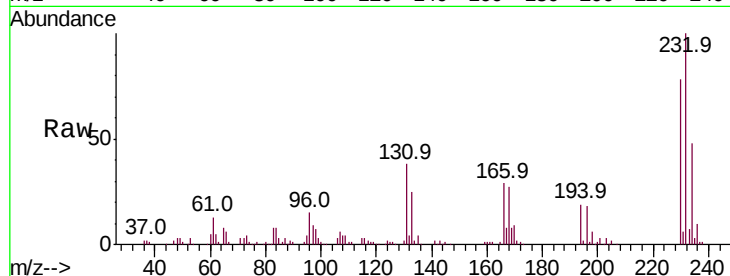




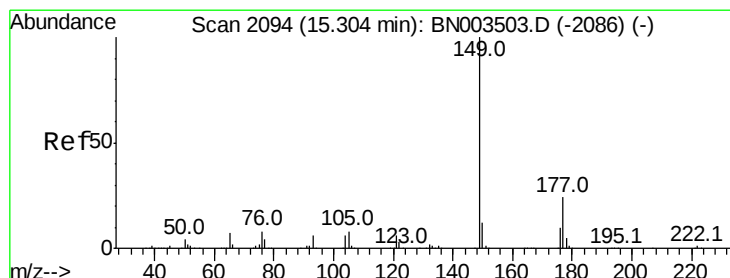
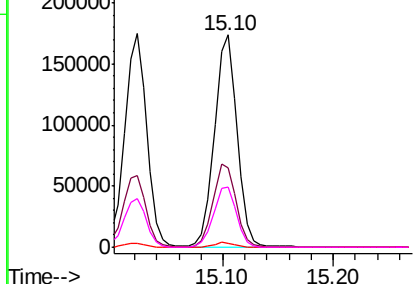
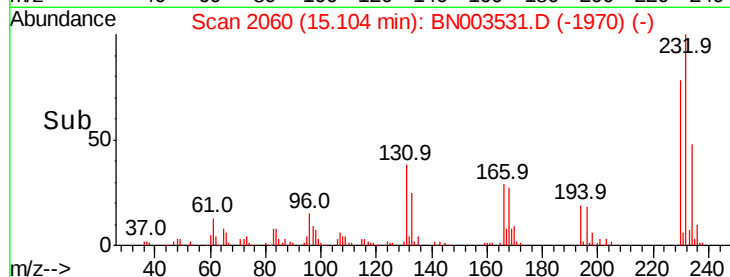
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.968 ng
 RT: 15.10 min Scan# 2060
 Delta R.T. 0.00 min
 Lab File: BN003531.D
 Acq: 14 Nov 2018 02:33

Instrument :
 BNA_N
 ClientSampleId :
 PB114756BS

Tot Ion:	232	Resp:	246030
Ion	Ratio	Lower	Upper
232	100		
131	39.9	31.4	47.2
130	2.0	1.5	2.3
166	29.2	23.0	34.6

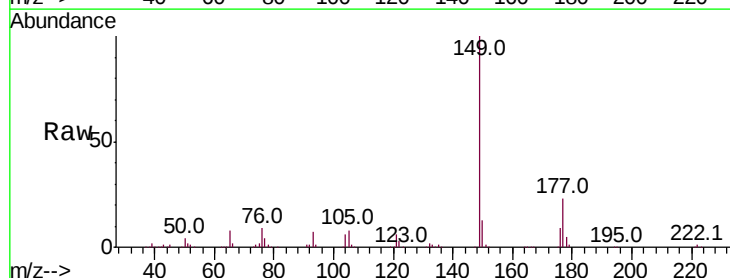


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

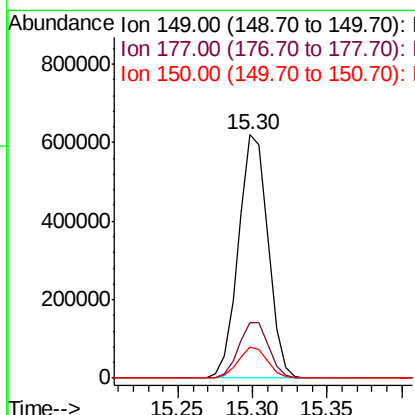
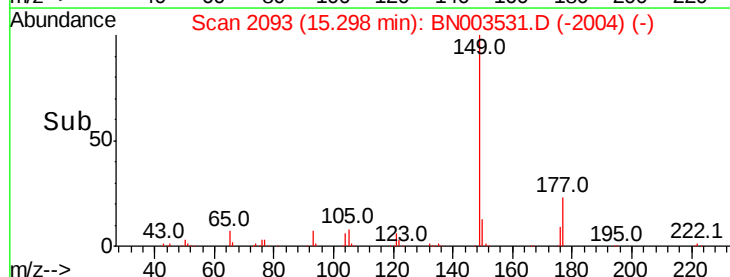


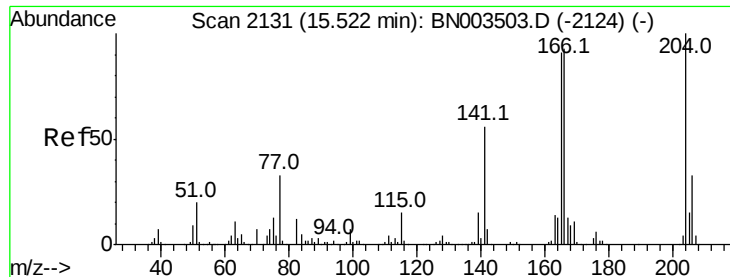
#60
 Diethylphthalate
 Concen: 41.378 ng
 RT: 15.30 min Scan# 2093
 Delta R.T. -0.01 min
 Lab File: BN003531.D
 Acq: 14 Nov 2018 02:33

Tgt Ion:	149	Resp:	854261
Ion	Ratio	Lower	Upper
149	100		
177	22.9	19.0	28.4
150	12.5	9.8	14.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

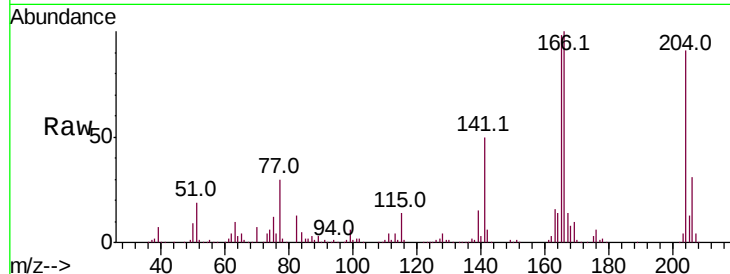




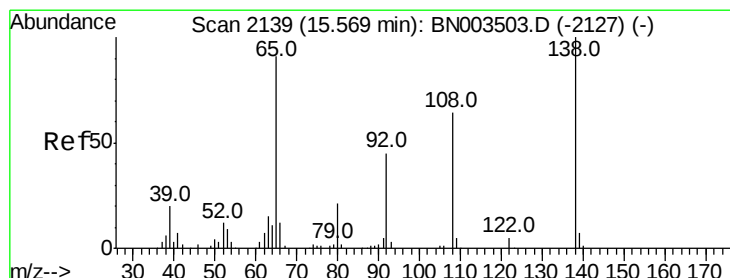
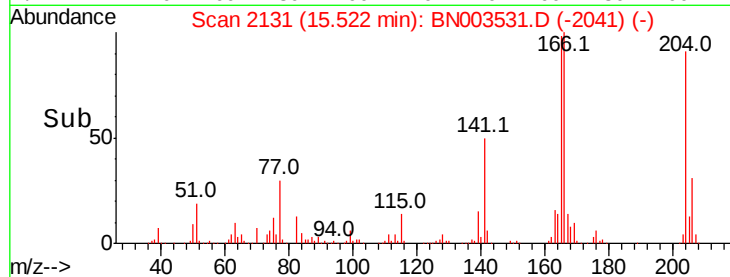
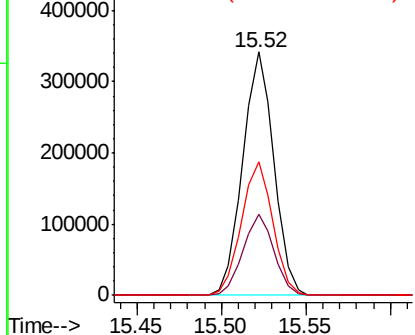
#61
4-Chlorophenyl-phenylether
Concen: 41.382 ng
RT: 15.52 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BN003531.D
Acq: 14 Nov 2018 02:33

Instrument :
BNA_N
ClientSampleId :
PB114756BS

Tot Ion:204 Resp: 440381
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 54.7 44.4 66.6

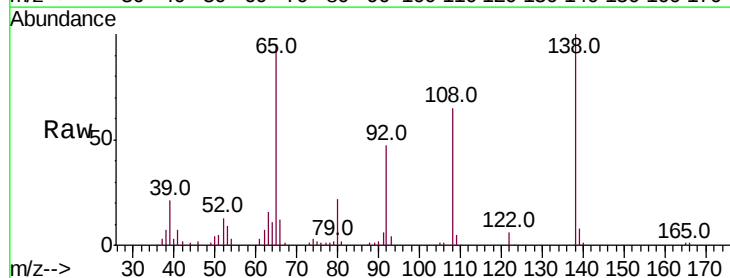


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

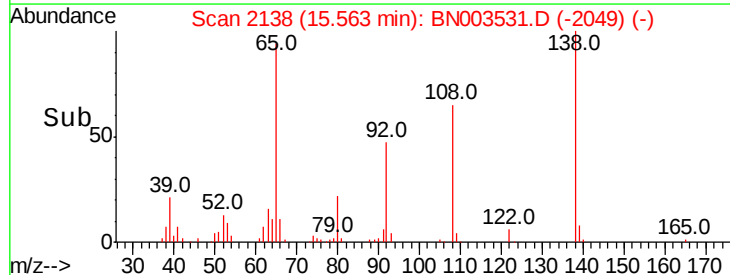
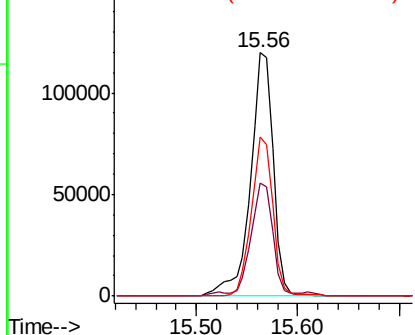


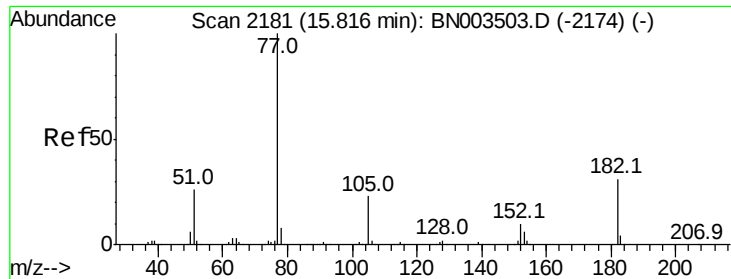
#62
4-Nitroaniline
Concen: 38.377 ng
RT: 15.56 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BN003531.D
Acq: 14 Nov 2018 02:33

Tgt Ion:138 Resp: 187521
Ion Ratio Lower Upper
138 100
92 46.6 24.7 64.7
108 65.2 43.9 83.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BNC
Ion 108.00 (107.70 to 108.70): E

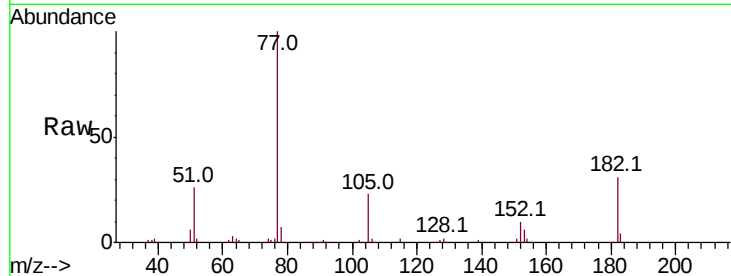




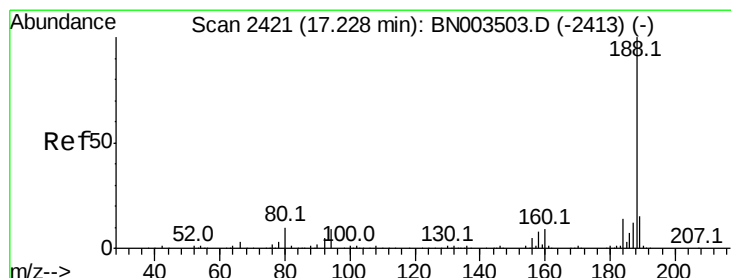
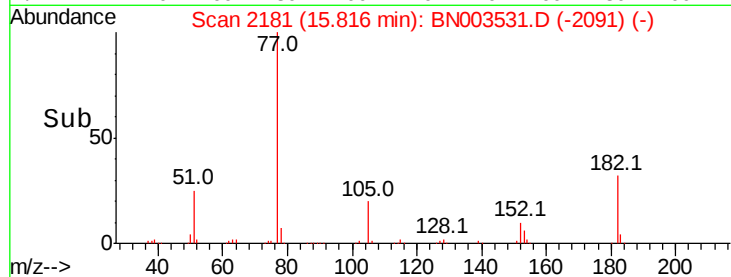
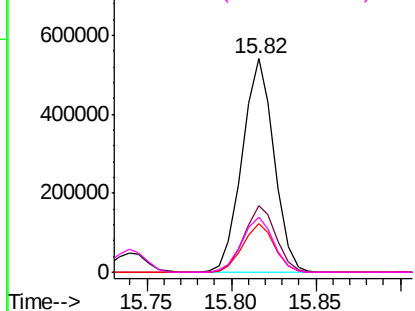
#63
Azobenzene
Concen: 42.076 ng
RT: 15.82 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BN003531.D
Acq: 14 Nov 2018 02:33

Instrument :
BNA_N
ClientSampleId :
PB114756BS

Tot Ion:	77	Resp:	709049
Ion	Ratio	Lower	Upper
77	100		
182	31.2	11.4	51.4
105	22.9	3.2	43.2
51	25.7	5.8	45.8

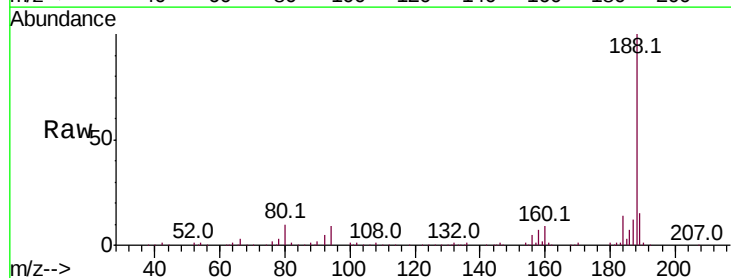


Abundance Ion 77.00 (76.70 to 77.70): BNC
Ion 182.00 (181.70 to 182.70): BNC
Ion 105.00 (104.70 to 105.70): BNC
Ion 51.00 (50.70 to 51.70): BNC

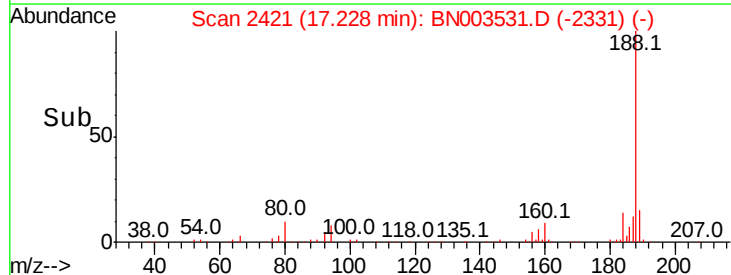
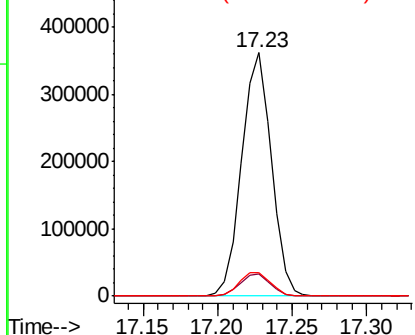


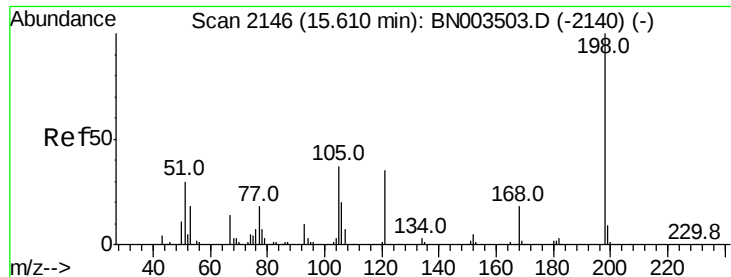
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.23 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BN003531.D
Acq: 14 Nov 2018 02:33

Tgt Ion:	188	Resp:	497752
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.6	11.4
80	9.8	8.2	12.2



Abundance Ion 188.00 (187.70 to 188.70): BNC
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

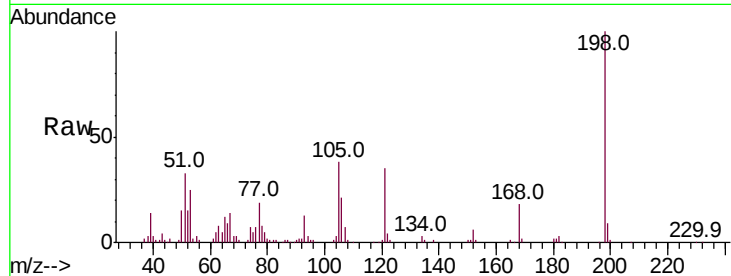




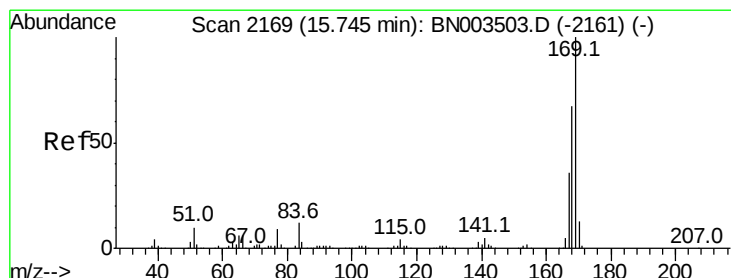
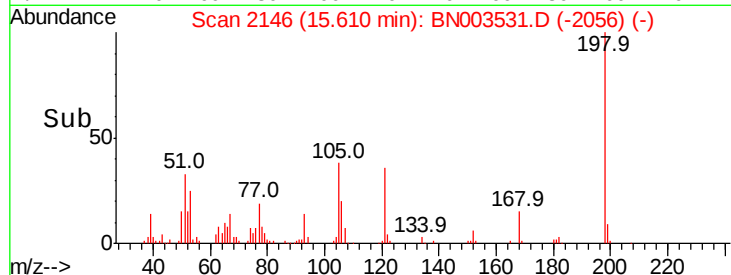
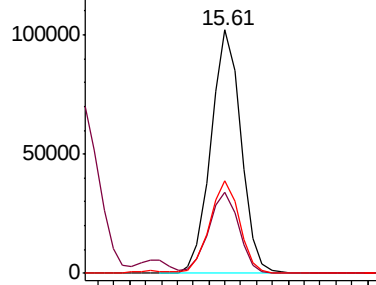
#65
4,6-Dinitro-2-methylphenol
Concen: 40.126 ng
RT: 15.61 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BN003531.D
Acq: 14 Nov 2018 02:33

Instrument :
BNA_N
ClientSampleId :
PB114756BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	33.3	13.8	53.8
105	37.9	18.3	58.3

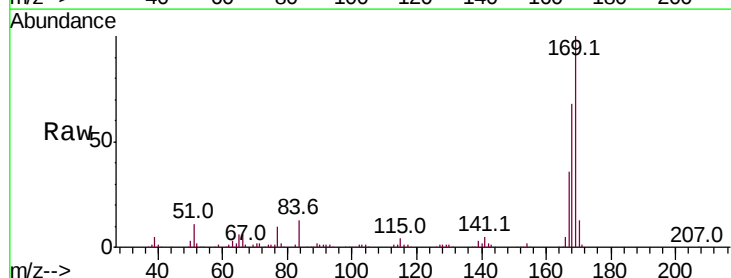


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): B
Ion 105.00 (104.70 to 105.70): E

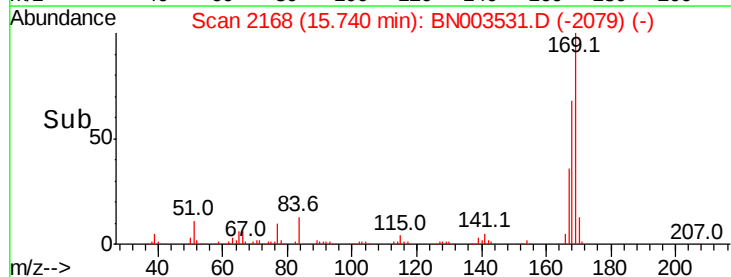
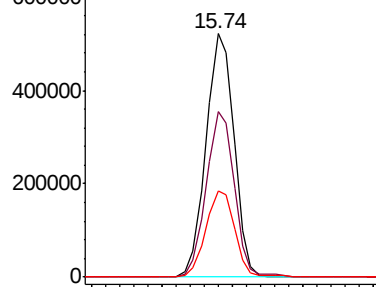


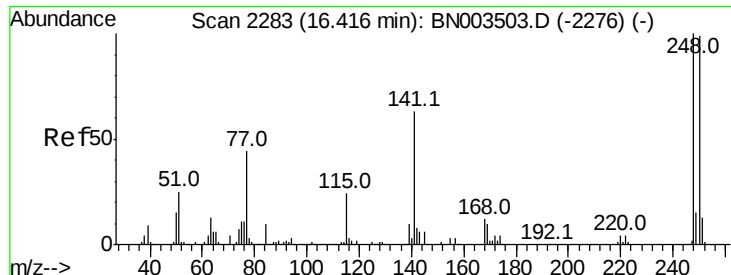
#66
n-Nitrosodiphenylamine
Concen: 45.705 ng
RT: 15.74 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BN003531.D
Acq: 14 Nov 2018 02:33

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.0	54.0	81.0
167	35.6	29.0	43.4



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

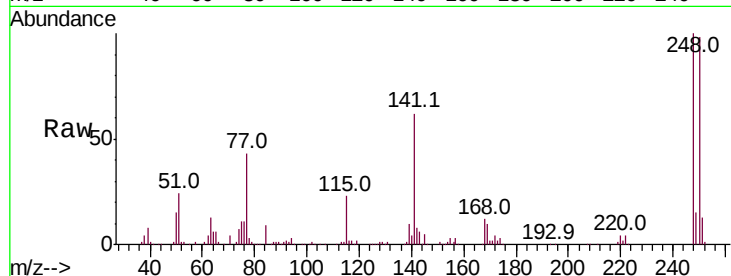




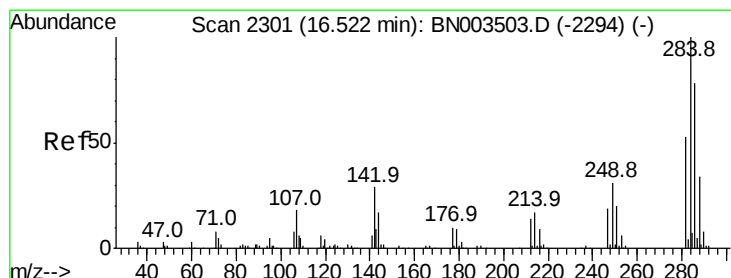
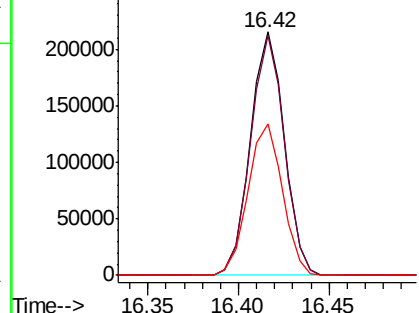
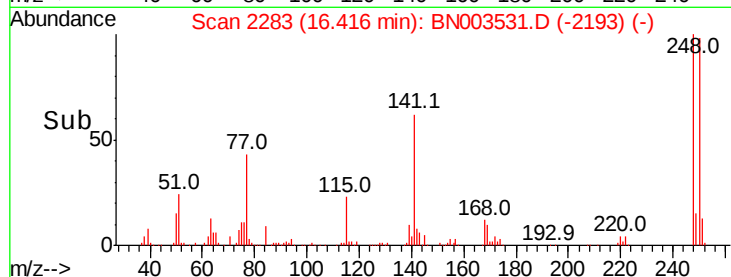
#67
 4-Bromophenyl-phenylether
 Concen: 44.759 ng
 RT: 16.42 min Scan# 2283
 Delta R.T. 0.00 min
 Lab File: BN003531.D
 Acq: 14 Nov 2018 02:33

Instrument :
 BNA_N
 ClientSampleId :
 PB114756BS

Tot Ion:248 Resp: 281016
 Ion Ratio Lower Upper
 248 100
 250 98.2 79.0 118.6
 141 62.0 50.7 76.1

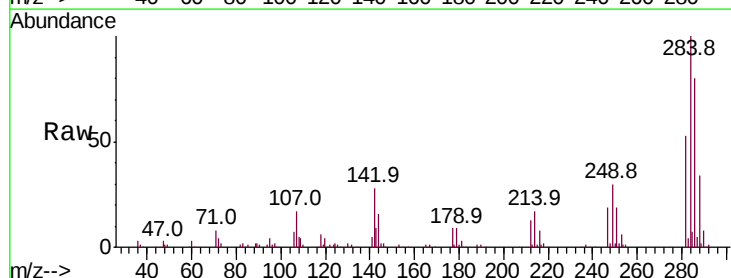


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

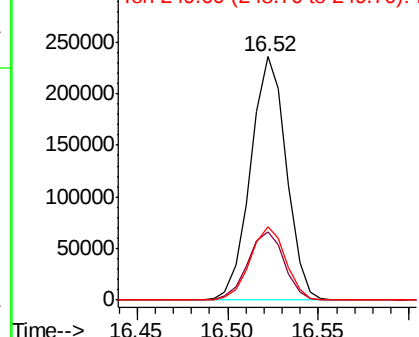
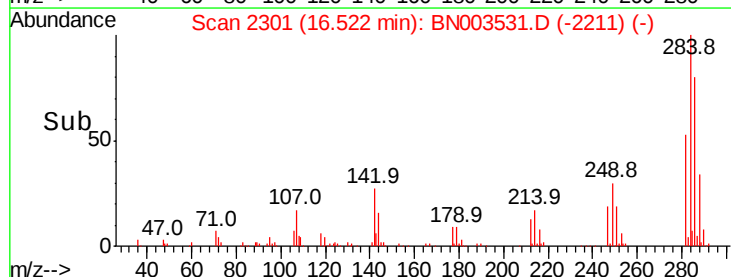


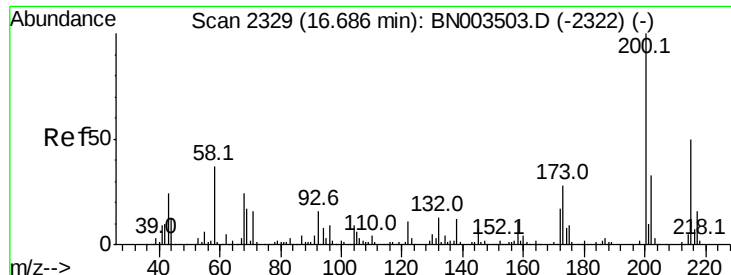
#68
 Hexachlorobenzene
 Concen: 44.156 ng
 RT: 16.52 min Scan# 2301
 Delta R.T. 0.00 min
 Lab File: BN003531.D
 Acq: 14 Nov 2018 02:33

Tgt Ion:284 Resp: 322657
 Ion Ratio Lower Upper
 284 100
 142 28.1 23.6 35.4
 249 30.1 24.7 37.1



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 42.842 ng

RT: 16.69 min Scan# 2329

Delta R.T. 0.00 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

Instrument :

BNA_N

ClientSampleId :

PB114756BS

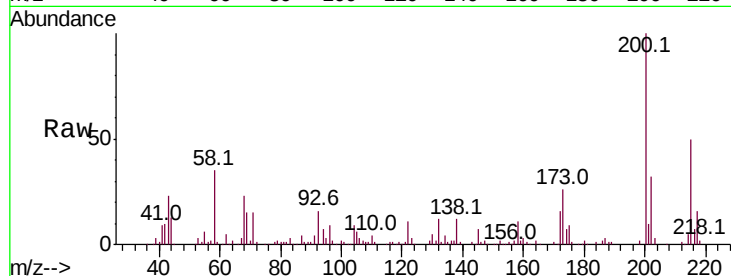
Tot Ion:200 Resp: 252651

Ion Ratio Lower Upper

200 100

173 25.8 7.6 47.6

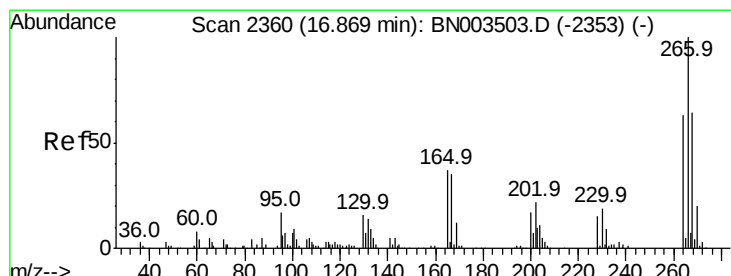
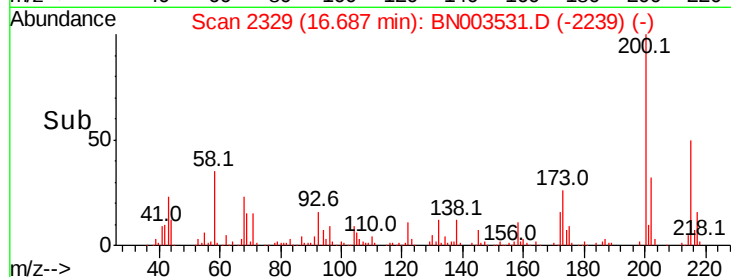
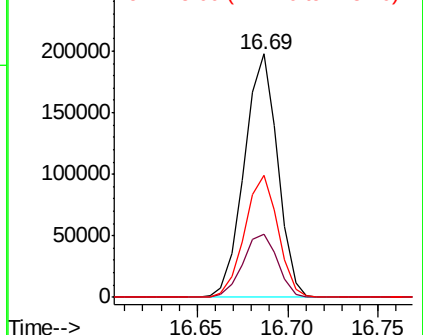
215 50.3 30.0 70.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 75.497 ng

RT: 16.87 min Scan# 2360

Delta R.T. 0.00 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

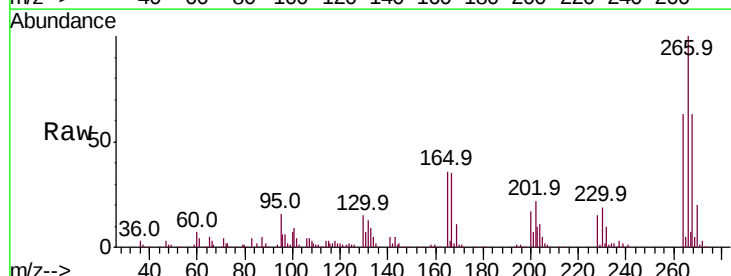
Tgt Ion:266 Resp: 367686

Ion Ratio Lower Upper

266 100

268 63.2 51.0 76.4

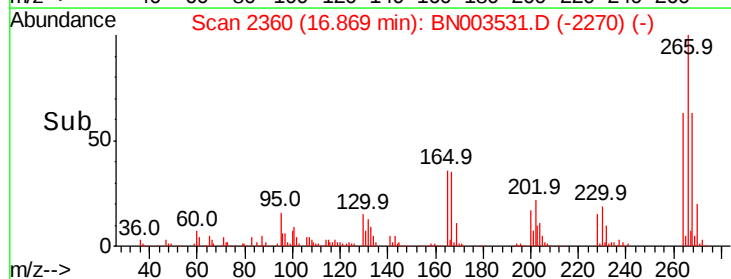
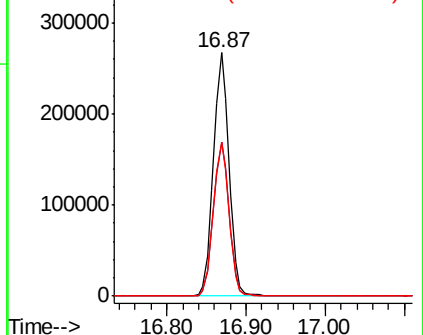
264 63.3 50.1 75.1

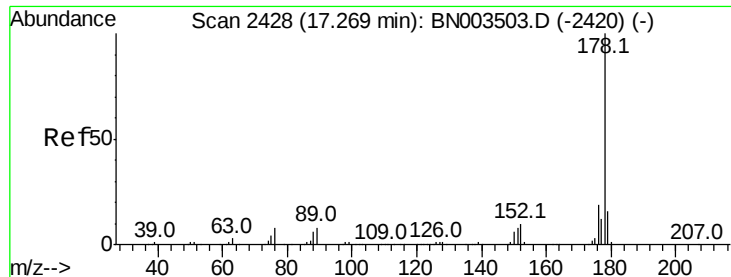


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

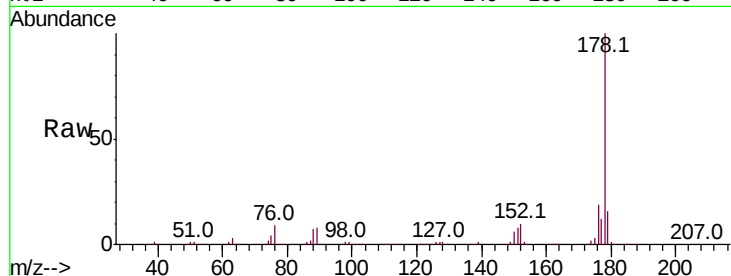




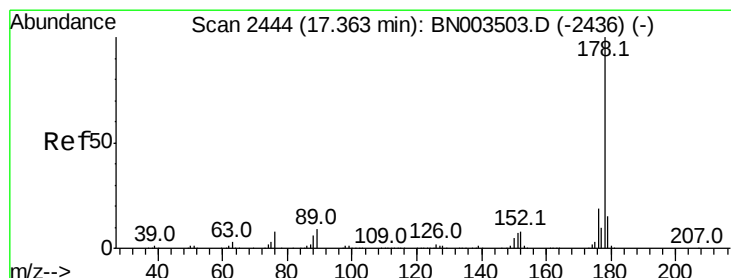
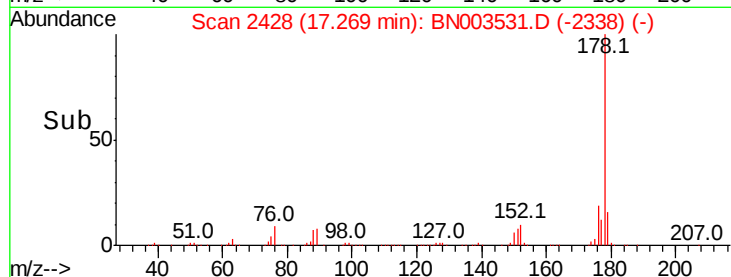
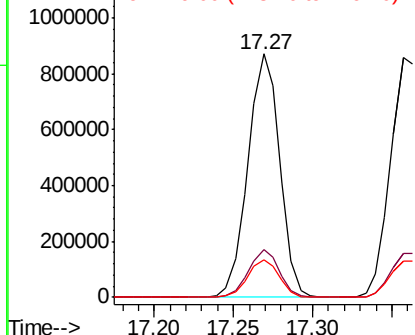
#71
Phenanthrene
Concen: 46.623 ng
RT: 17.27 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BN003531.D
Acq: 14 Nov 2018 02:33

Instrument :
BNA_N
ClientSampleId :
PB114756BS

Tot Ion:178 Resp: 1212357
Ion Ratio Lower Upper
178 100
176 19.4 15.2 22.8
179 15.5 12.5 18.7

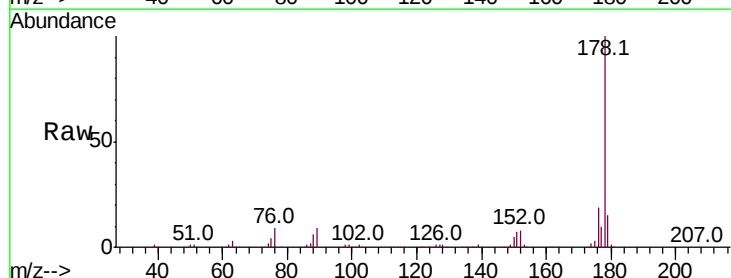


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

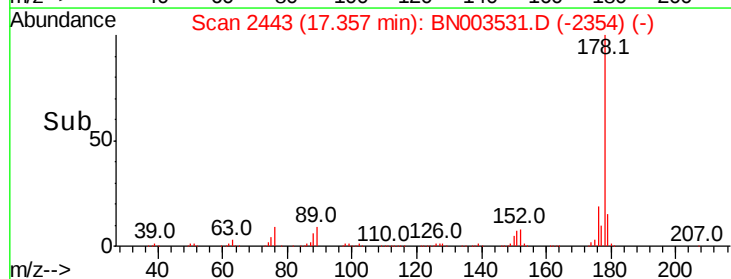
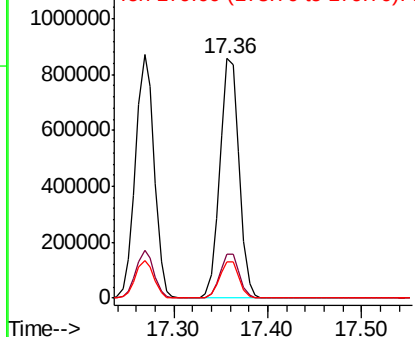


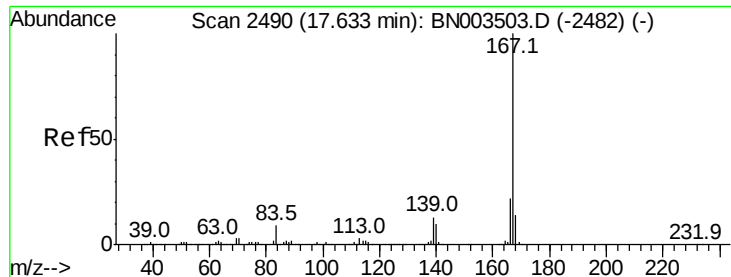
#72
Anthracene
Concen: 48.137 ng
RT: 17.36 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BN003531.D
Acq: 14 Nov 2018 02:33

Tgt Ion:178 Resp: 1223485
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.3 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.942 ng

RT: 17.63 min Scan# 2490

Delta R.T. 0.00 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

Instrument :

BNA_N

ClientSampleId :

PB114756BS

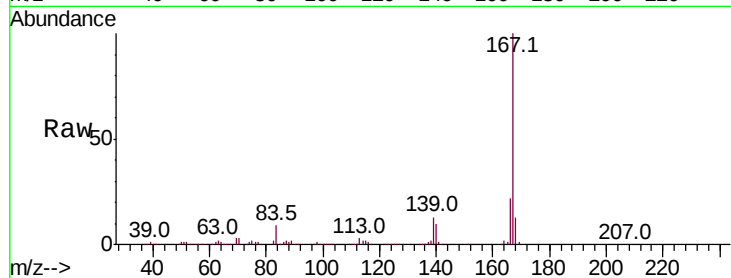
Tot Ion:167 Resp: 1046213

Ion Ratio Lower Upper

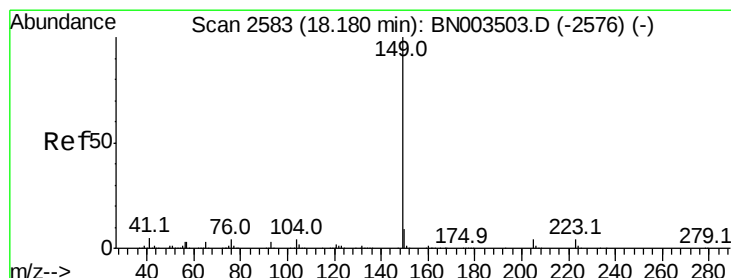
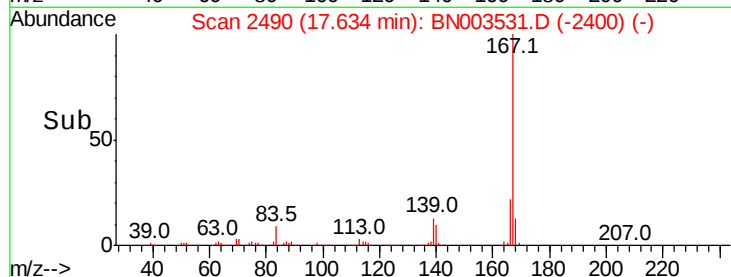
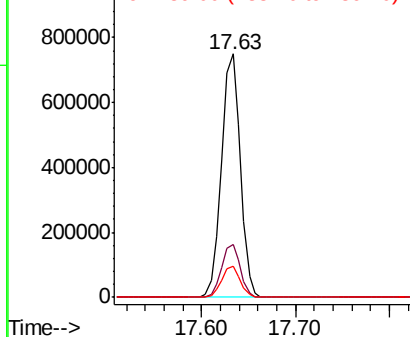
167 100

166 21.9 17.6 26.4

139 12.6 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.727 ng

RT: 18.17 min Scan# 2582

Delta R.T. -0.01 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

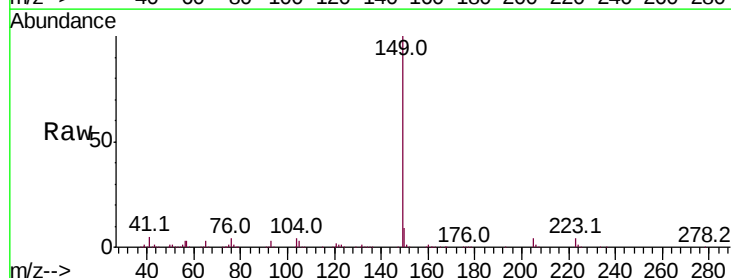
Tgt Ion:149 Resp: 1345914

Ion Ratio Lower Upper

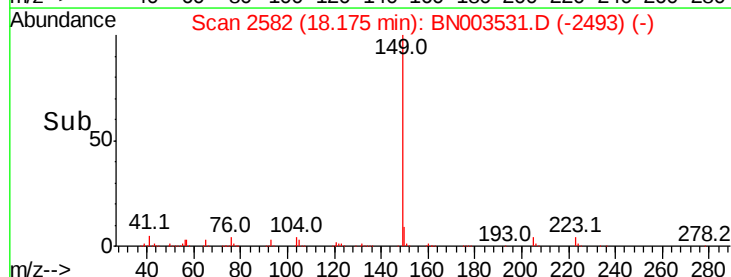
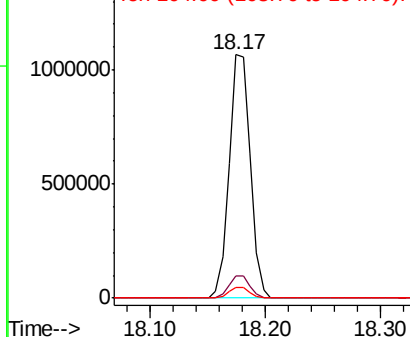
149 100

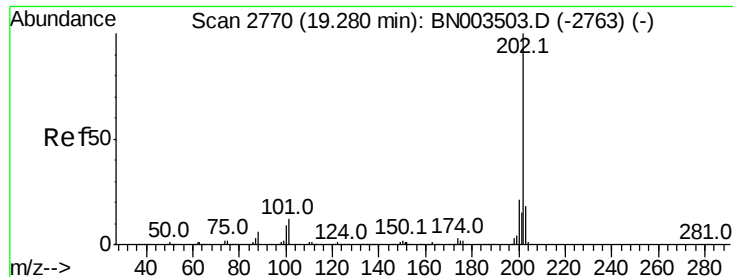
150 9.3 7.3 10.9

104 4.4 3.4 5.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.599 ng

RT: 19.28 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

Instrument :

BNA_N

ClientSampleId :

PB114756BS

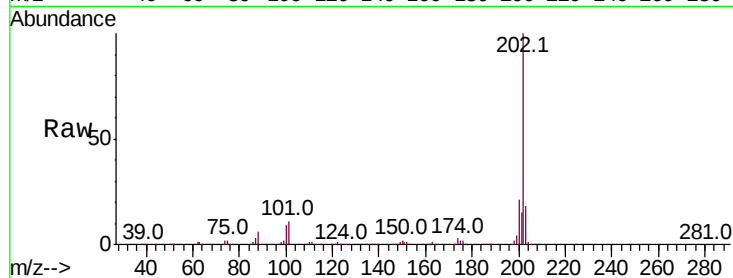
Tot Ion:202 Resp: 1250144

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.8

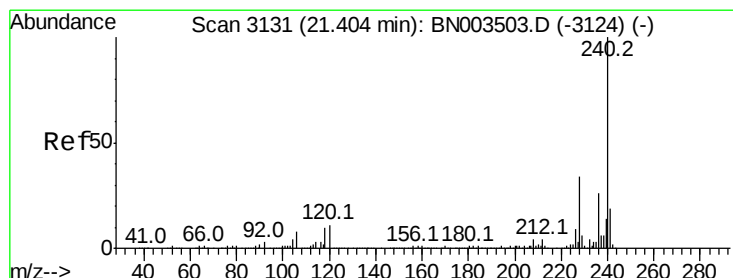
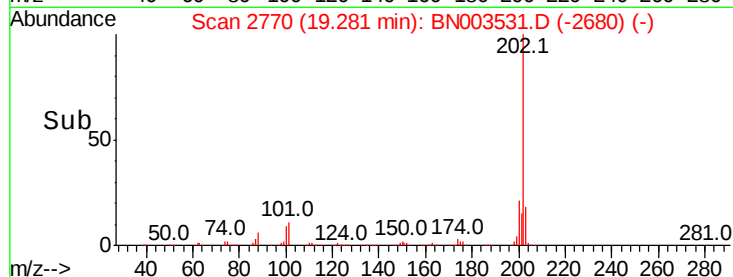
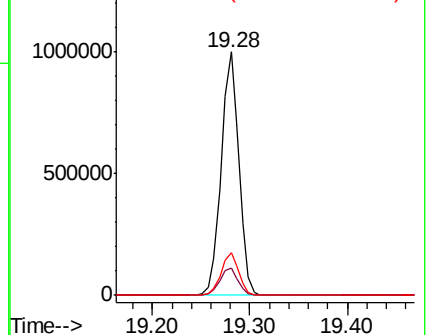
203 17.5 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.40 min Scan# 3131

Delta R.T. 0.00 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

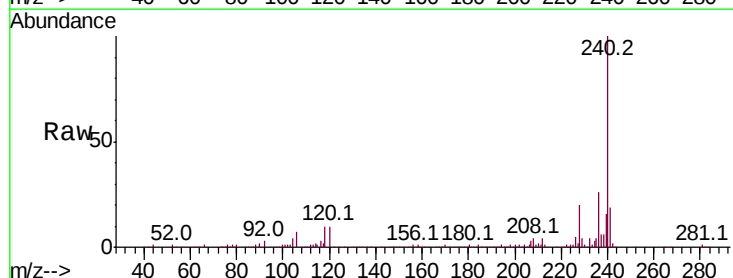
Tgt Ion:240 Resp: 398680

Ion Ratio Lower Upper

240 100

120 10.4 9.1 13.7

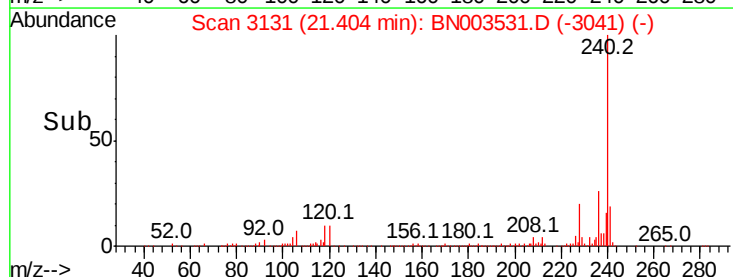
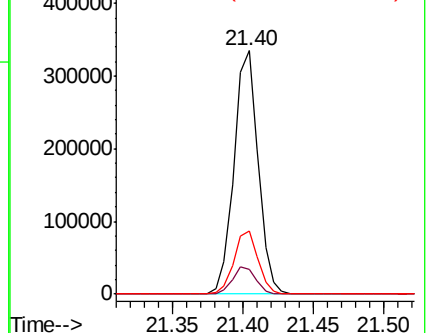
236 26.0 20.6 30.8

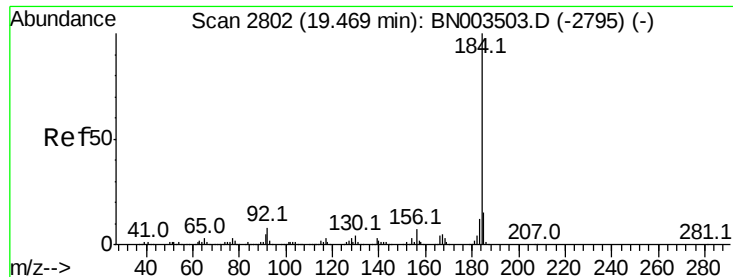


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.624 ng

RT: 19.47 min Scan# 2802

Delta R.T. 0.00 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

Instrument :

BNA_N

ClientSampleId :

PB114756BS

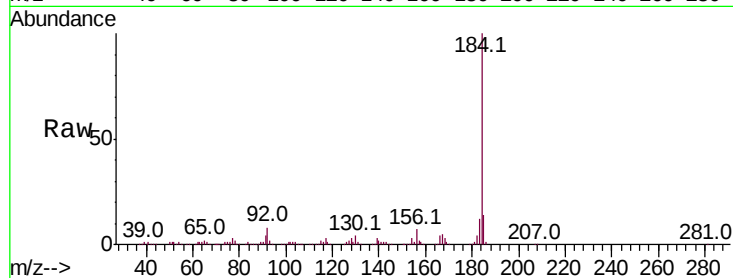
Tot Ion:184 Resp: 629043

Ion Ratio Lower Upper

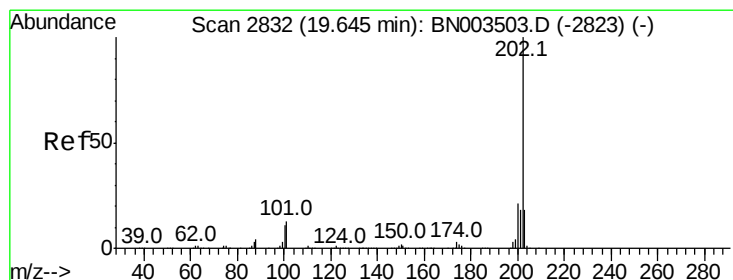
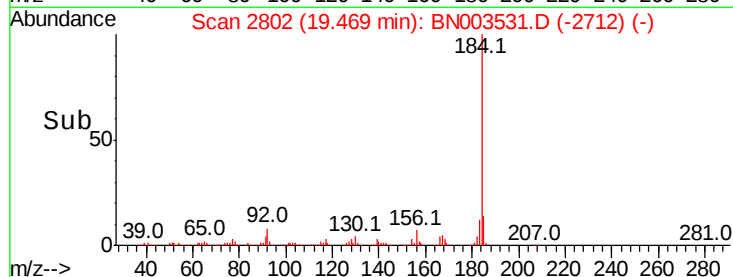
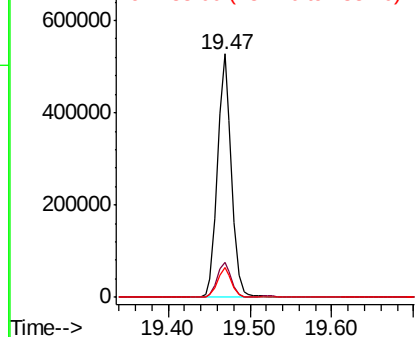
184 100

185 14.5 12.2 18.2

183 12.0 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.040 ng

RT: 19.65 min Scan# 2832

Delta R.T. 0.00 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

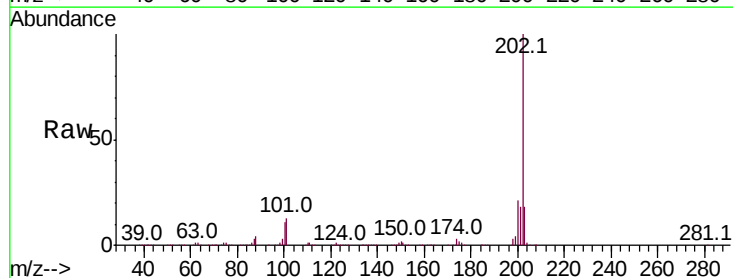
Tgt Ion:202 Resp: 1239009

Ion Ratio Lower Upper

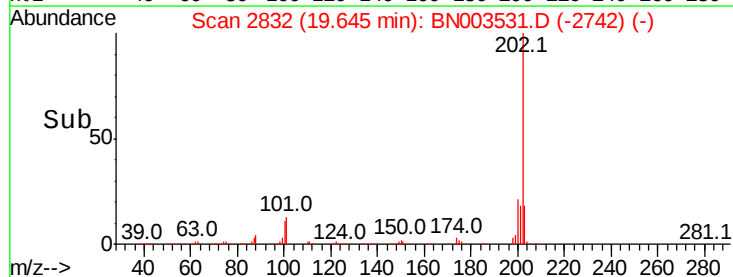
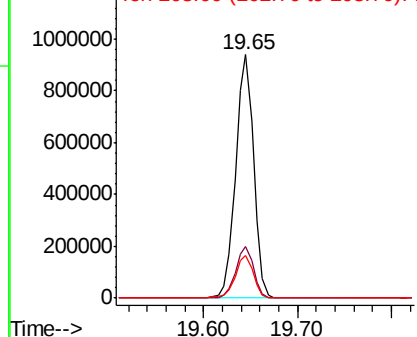
202 100

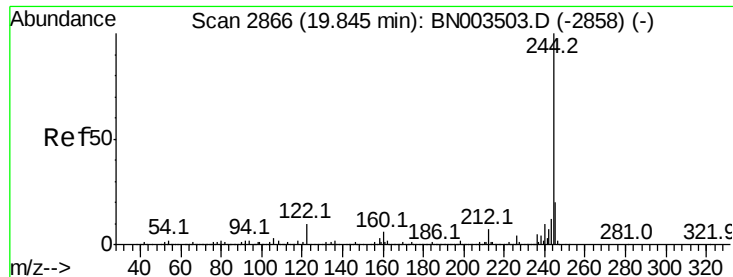
200 21.1 16.8 25.2

203 17.7 14.2 21.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.887 ng

RT: 19.84 min Scan# 2865

Delta R.T. -0.01 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

Instrument :

BNA_N

ClientSampleId :

PB114756BS

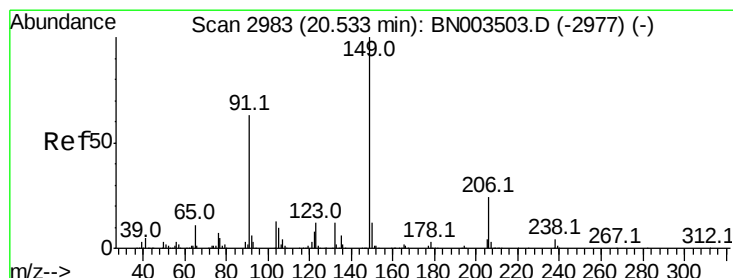
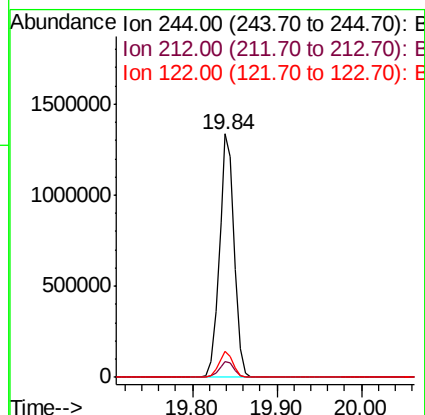
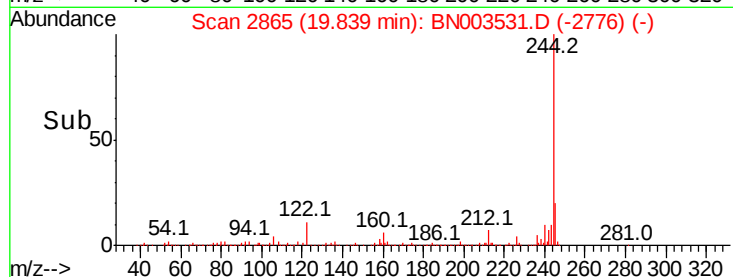
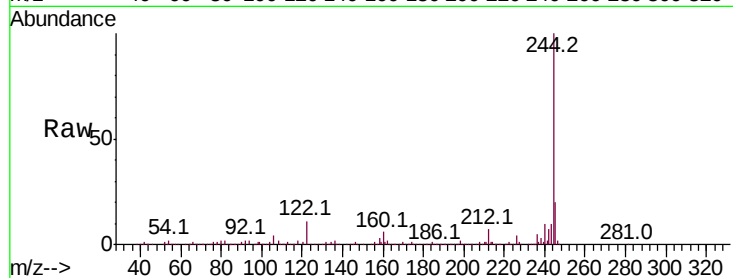
Tot Ion:244 Resp: 1638001

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

122 10.6 8.2 12.2



#80

Butylbenzylphthalate

Concen: 44.906 ng

RT: 20.53 min Scan# 2983

Delta R.T. 0.00 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

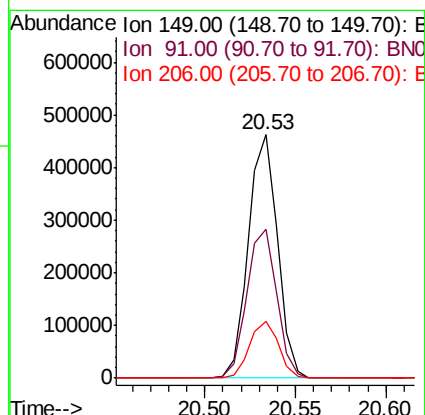
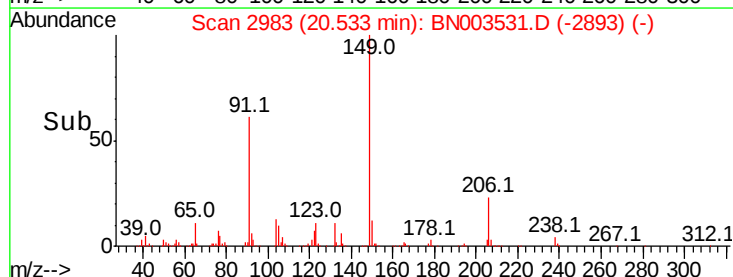
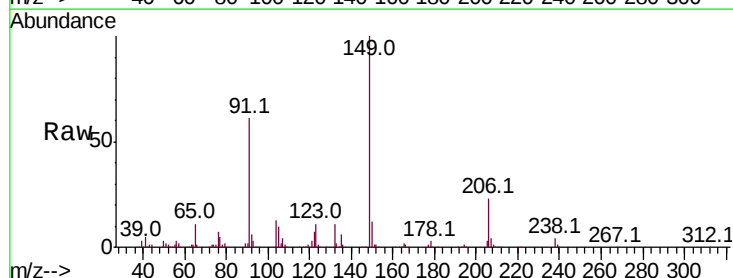
Tgt Ion:149 Resp: 517929

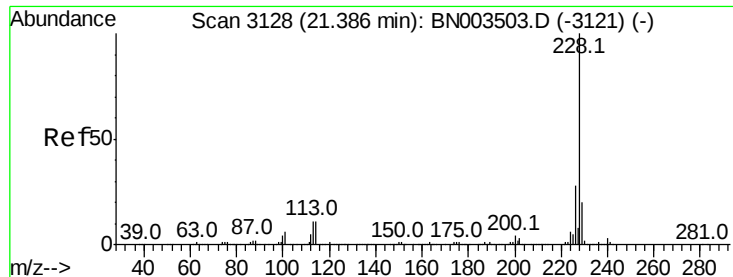
Ion Ratio Lower Upper

149 100

91 61.0 50.3 75.5

206 23.4 19.0 28.6





#81

Benzo(a)anthracene

Concen: 47.909 ng

RT: 21.39 min Scan# 3128

Delta R.T. 0.00 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

Instrument :

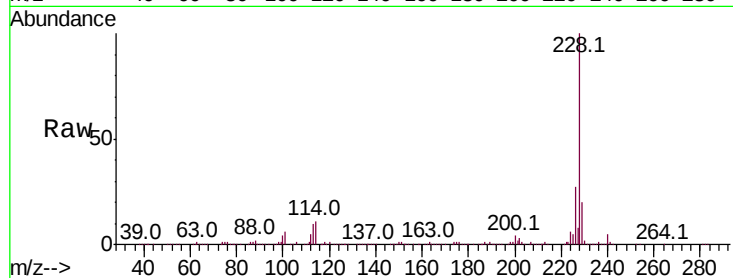
BNA_N

ClientSampleId :

PB114756BS

Tot Ion:228 Resp: 1086512

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.0	33.0
229	20.1	16.3	24.5

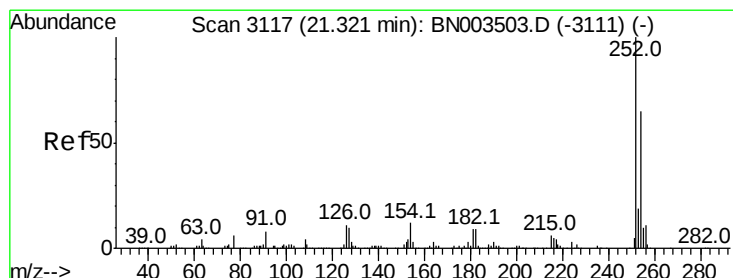
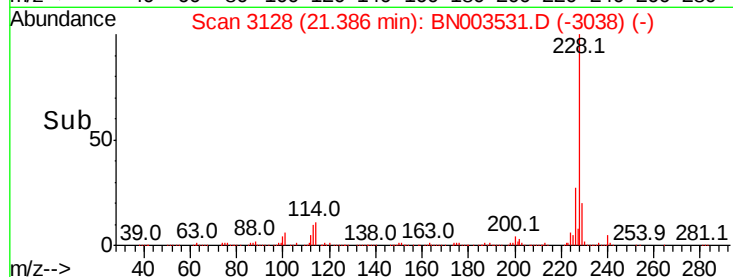
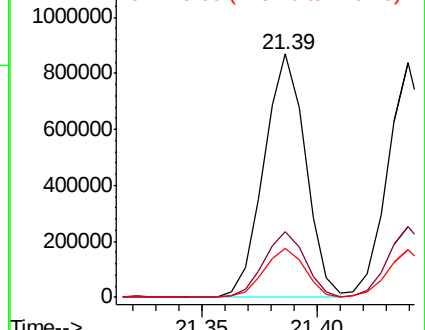


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 31.300 ng

RT: 21.32 min Scan# 3117

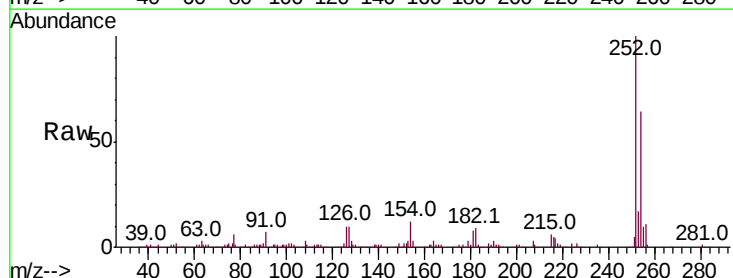
Delta R.T. 0.00 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

Tgt Ion:252 Resp: 295839

Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.7	77.5
126	10.2	8.7	13.1

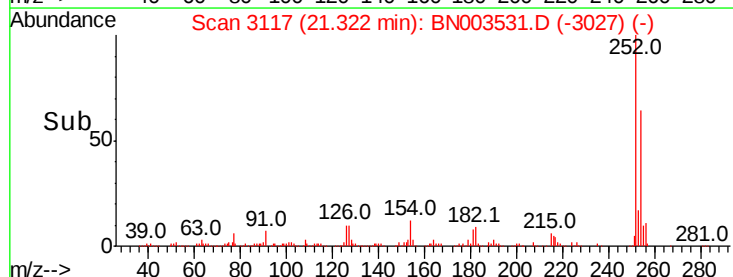
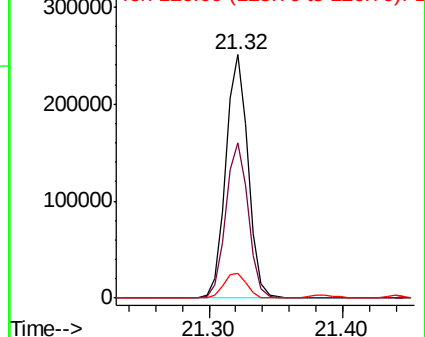


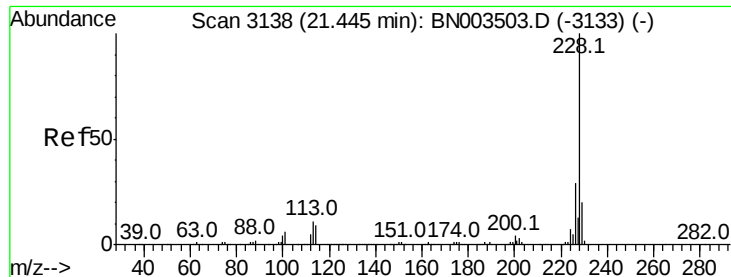
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.806 ng

RT: 21.44 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

Instrument :

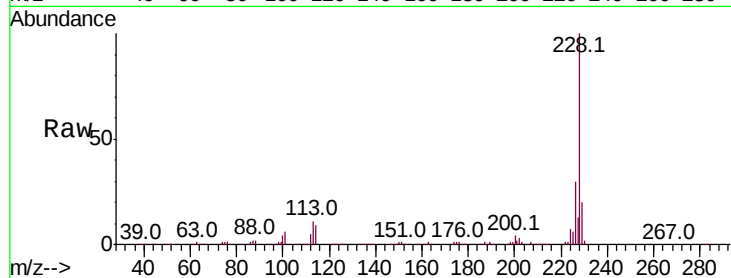
BNA_N

ClientSampleId :

PB114756BS

Tot Ion:228 Resp: 1015228

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.5	35.3
229	20.2	15.6	23.4

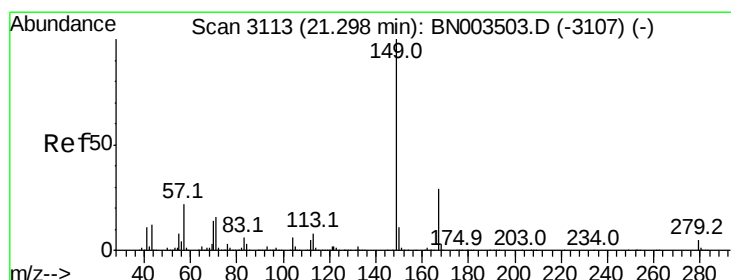
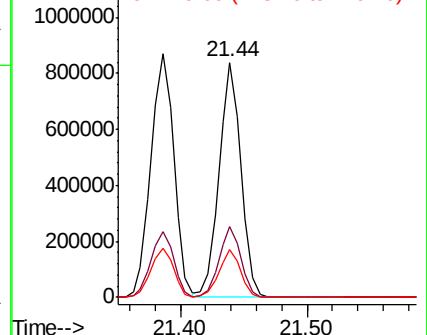
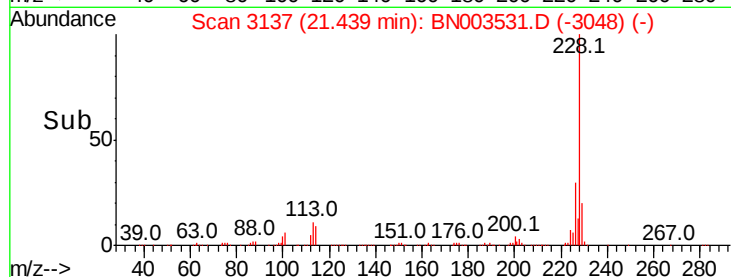


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.431 ng

RT: 21.30 min Scan# 3113

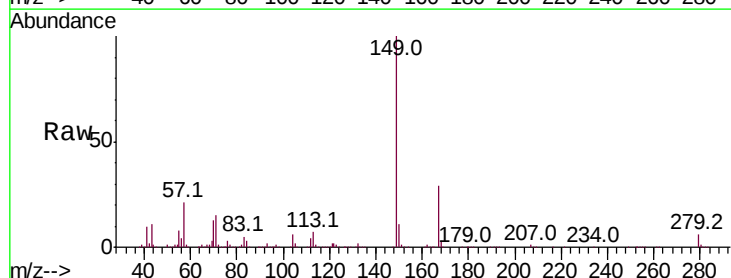
Delta R.T. 0.00 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

Tgt Ion:149 Resp: 743135

Ion	Ratio	Lower	Upper
149	100		
167	28.8	23.0	34.6
279	5.8	4.2	6.4

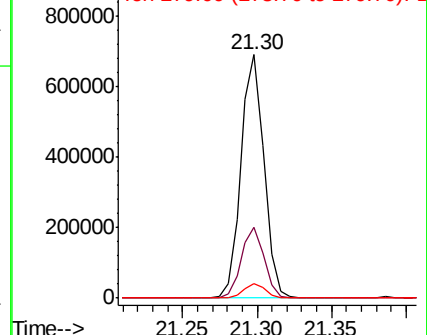
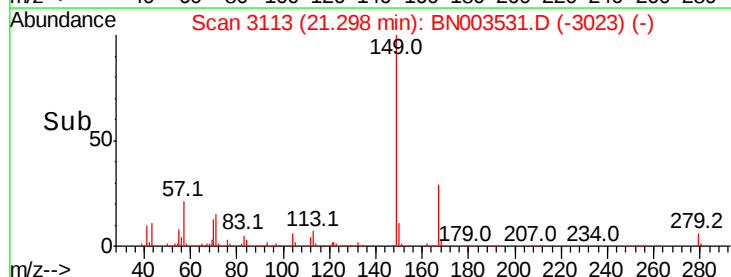


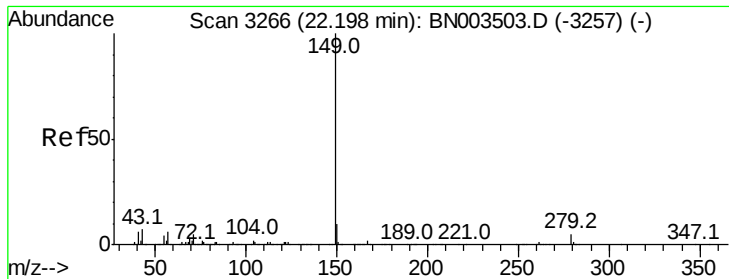
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.695 ng

RT: 22.20 min Scan# 3266

Delta R.T. 0.00 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

Instrument :

BNA_N

ClientSampleId :

PB114756BS

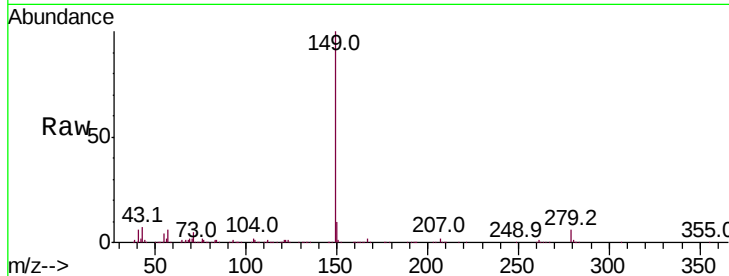
Tot Ion:149 Resp: 1135100

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

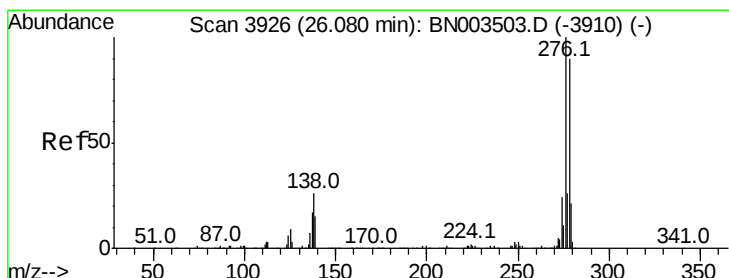
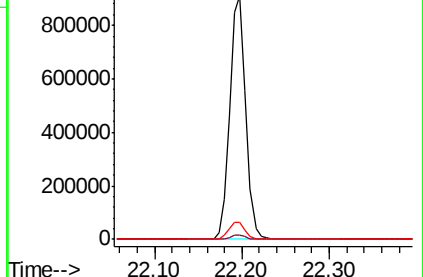
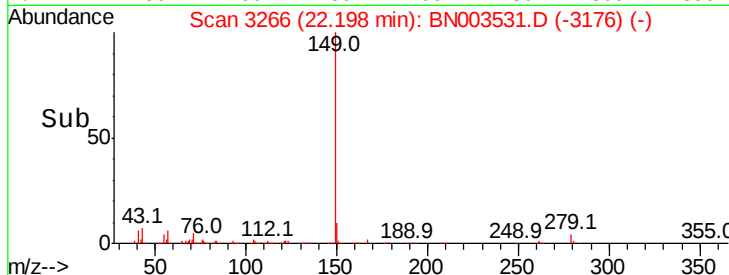
43 7.6 6.0 9.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC



#86

Indeno(1,2,3-cd)pyrene

Concen: 58.996 ng

RT: 26.07 min Scan# 3925

Delta R.T. -0.01 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

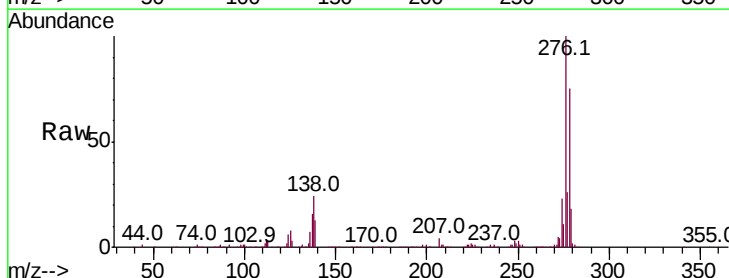
Tgt Ion:276 Resp: 1350860

Ion Ratio Lower Upper

276 100

138 24.8 20.1 30.1

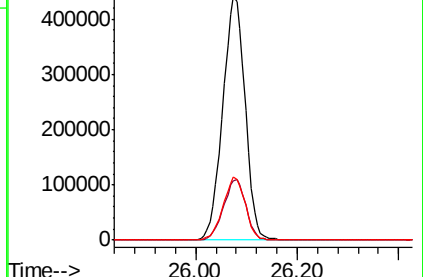
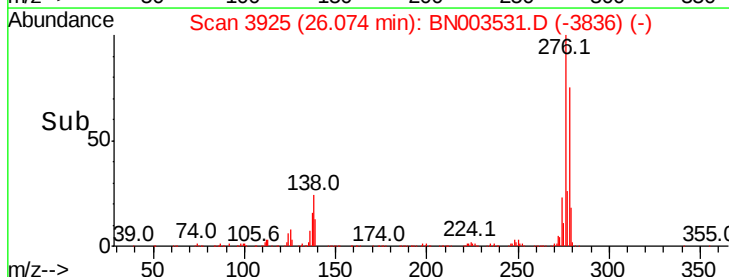
277 25.5 20.3 30.5

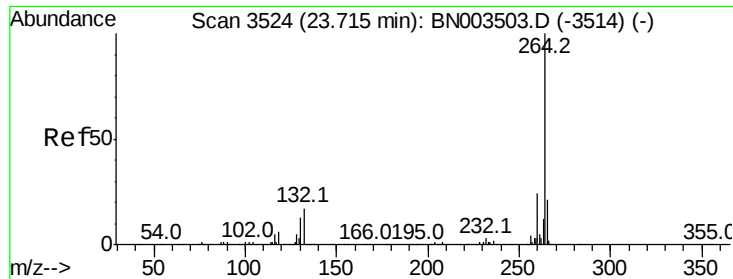


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



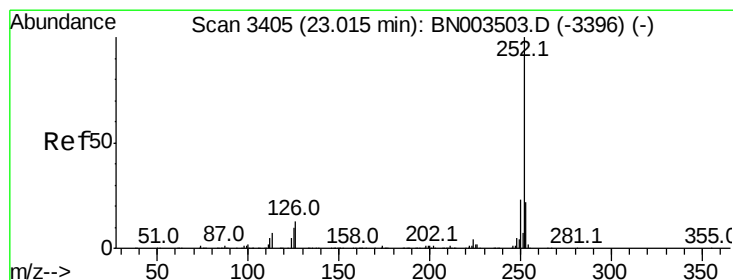
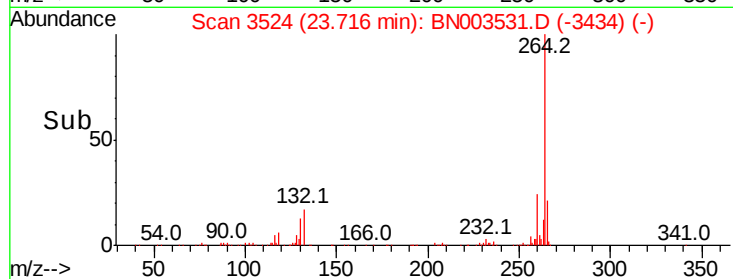
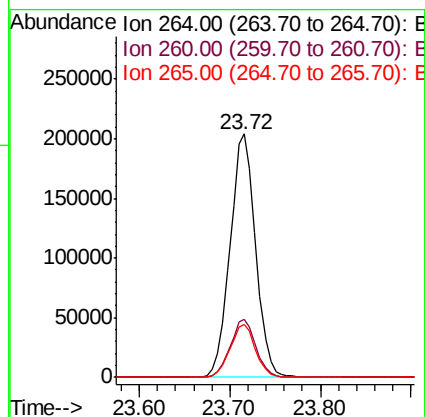
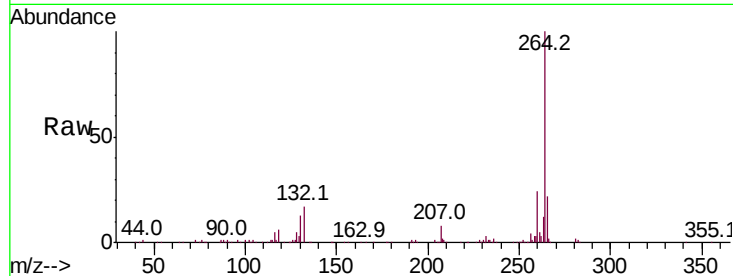


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.72 min Scan# 3524
Delta R.T. 0.00 min
Lab File: BN003531.D
Acq: 14 Nov 2018 02:33

Instrument :
BNA_N
ClientSampleId :
PB114756BS

Tot Ion:264 Resp: 399050

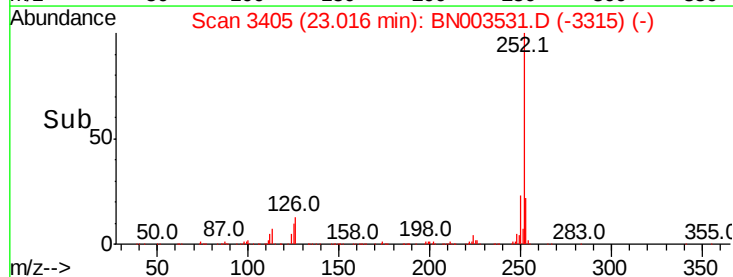
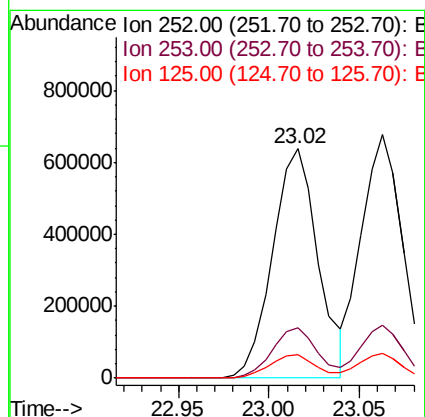
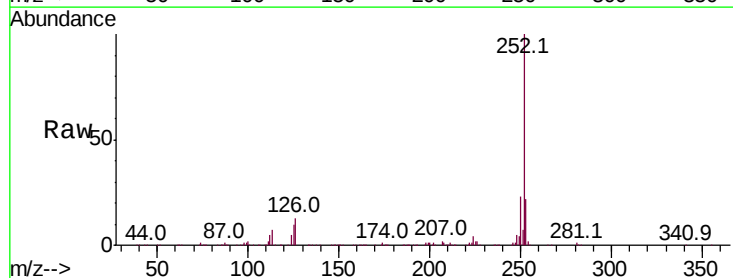
Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.8	28.2
265	21.6	17.2	25.8

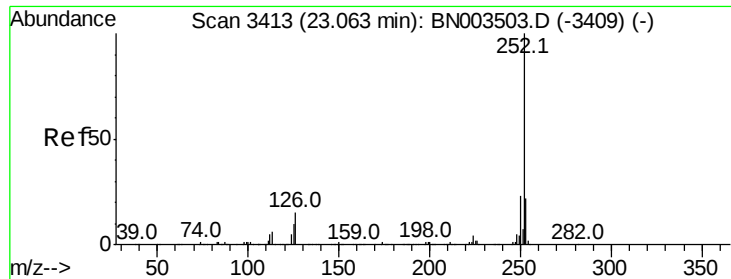


#88
Benzo(b)fluoranthene
Concen: 50.321 ng
RT: 23.02 min Scan# 3405
Delta R.T. 0.00 min
Lab File: BN003531.D
Acq: 14 Nov 2018 02:33

Tgt Ion:252 Resp: 1117987

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	10.3	8.1	12.1

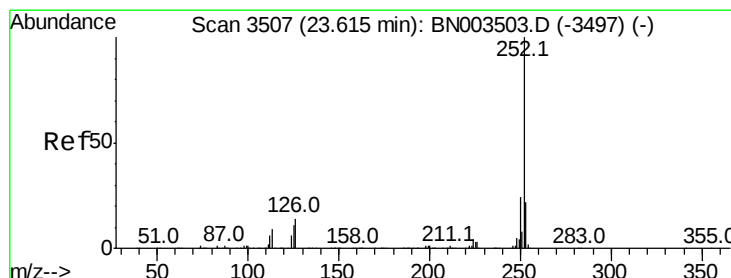
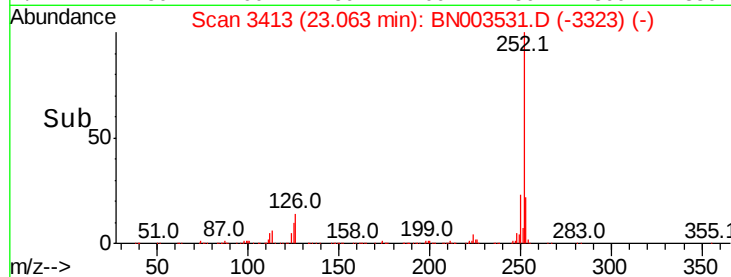
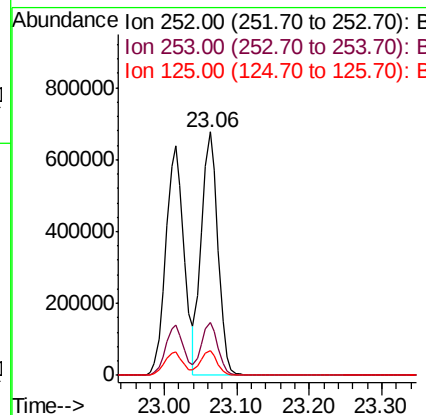
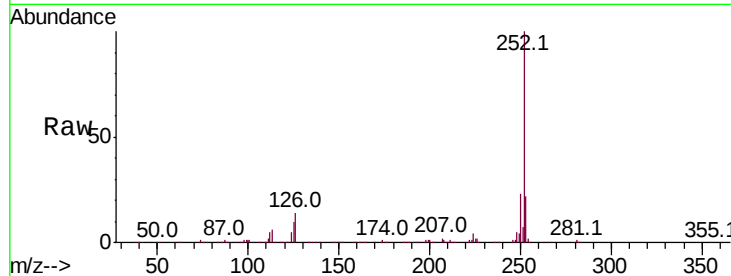




#89
Benzo(k)fluoranthene
Concen: 48.513 ng
RT: 23.06 min Scan# 3413
Delta R.T. 0.00 min
Lab File: BN003531.D
Acq: 14 Nov 2018 02:33

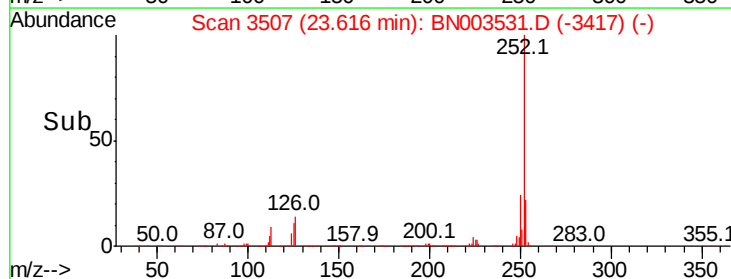
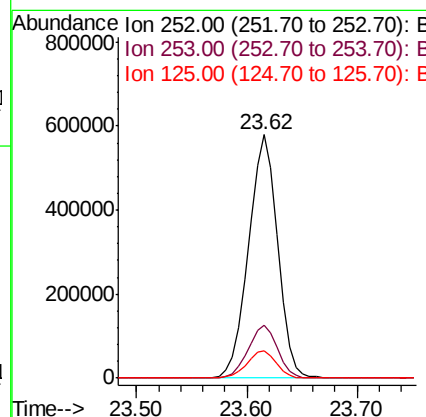
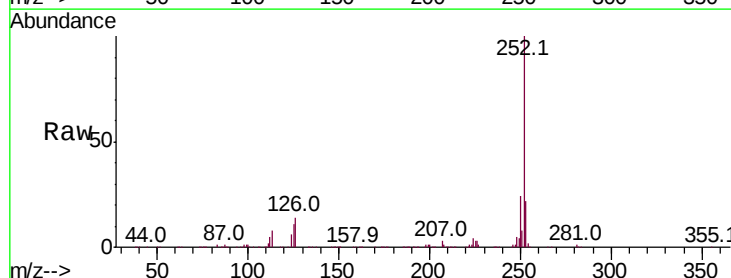
Instrument :
BNA_N
ClientSampleId :
PB114756BS

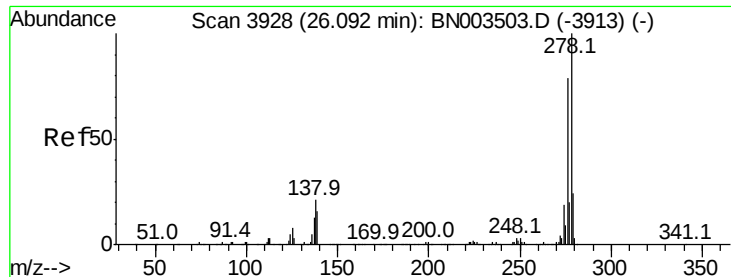
Tot Ion:252 Resp: 1072541
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 10.1 8.4 12.6



#90
Benzo(a)pyrene
Concen: 52.211 ng
RT: 23.62 min Scan# 3507
Delta R.T. 0.00 min
Lab File: BN003531.D
Acq: 14 Nov 2018 02:33

Tgt Ion:252 Resp: 1074765
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 11.1 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 54.315 ng

RT: 26.09 min Scan# 3927

Delta R.T. -0.01 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

Instrument :

BNA_N

ClientSampleId :

PB114756BS

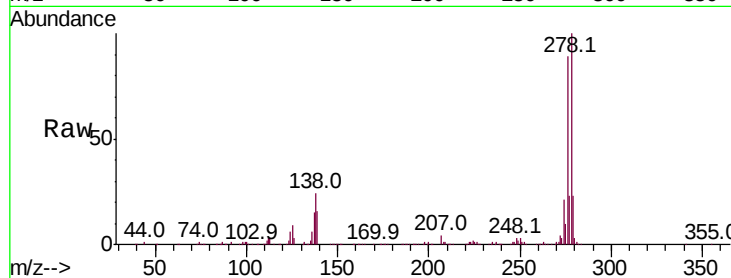
Tot Ion:278 Resp: 1138571

Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.6	19.0
279	23.4	19.0	28.4

278 100

139 15.9 12.6 19.0

279 23.4 19.0 28.4

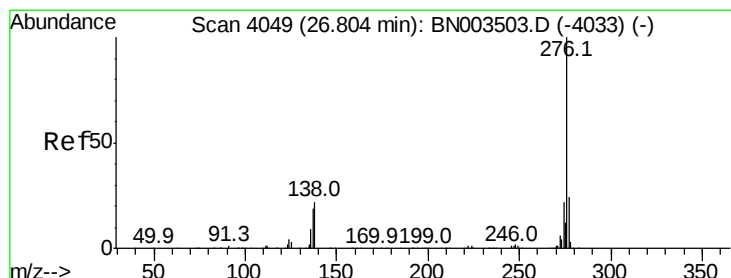
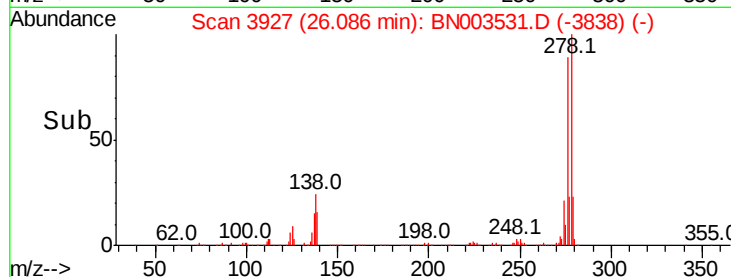
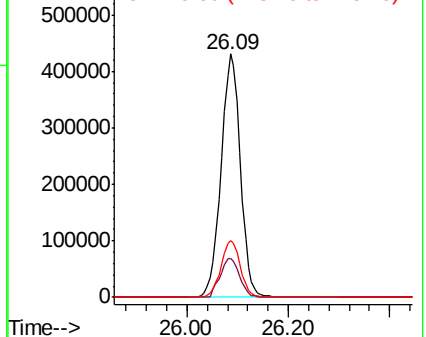


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 54.963 ng

RT: 26.81 min Scan# 4050

Delta R.T. 0.01 min

Lab File: BN003531.D

Acq: 14 Nov 2018 02:33

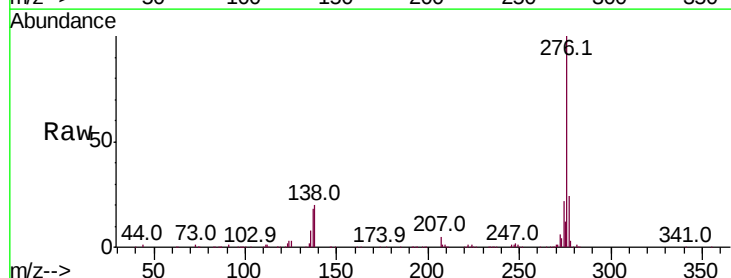
Tgt Ion:276 Resp: 1120400

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	20.5	17.4	26.2

276 100

277 23.6 19.0 28.4

138 20.5 17.4 26.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

