

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110718\
 Data File : BN003451.D
 Acq On : 07 Nov 2018 14:50
 Operator : MJ/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 08 14:31:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN102418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 07 08:25:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	112486	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	518437	20.00	ng	0.00
39) Acenaphthene-d10	14.49	164	307861	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	691874	20.00	ng	0.00
76) Chrysene-d12	21.41	240	628426	20.00	ng	0.00
87) Perylene-d12	23.73	264	546232	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	506971	78.50	ng	0.00
7) Phenol-d6	7.00	99	708184	77.12	ng	0.00
23) Nitrobenzene-d5	9.02	82	664920	73.55	ng	0.00
42) 2,4,6-Tribromophenol	15.98	330	384774	92.82	ng	0.00
45) 2-Fluorobiphenyl	13.11	172	1803042	79.44	ng	0.00
79) Terphenyl-d14	19.85	244	2788802	94.90	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.33	88	113803	37.113	ng	91
3) Pyridine	3.73	79	287581	41.041	ng	93
4) n-Nitrosodimethylamine	3.65	42	89576	34.722	ng	90
6) Aniline	7.18	93	445444	38.844	ng	96
8) 2-Chlorophenol	7.41	128	318687	40.064	ng	94
9) Benzaldehyde	7.00	77	190935	35.800	ng	96
10) Phenol	7.03	94	377250	38.928	ng	94
11) bis(2-Chloroethyl)ether	7.28	93	299493	37.837	ng	94
12) 1,3-Dichlorobenzene	7.73	146	358013	40.481	ng	98
13) 1,4-Dichlorobenzene	7.89	146	366274	40.221	ng	97
14) 1,2-Dichlorobenzene	8.20	146	354113	40.066	ng	99
15) Benzyl Alcohol	8.09	79	261815	39.563	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.38	45	384418	33.125	ng	97
17) 2-Methylphenol	8.28	107	262435	39.624	ng	98
18) Hexachloroethane	8.92	117	122525	38.406	ng	94
19) n-Nitroso-di-n-propylamine	8.66	70	236792	35.758	ng	96
20) 3+4-Methylphenols	8.61	107	365769	38.878	ng	99
22) Acetophenone	8.68	105	478566	38.082	ng	97
24) Nitrobenzene	9.06	77	340744	36.938	ng	93
25) Isophorone	9.58	82	578592	36.488	ng	97
26) 2-Nitrophenol	9.76	139	192191	39.584	ng	94
27) 2,4-Dimethylphenol	9.81	122	273477	40.059	ng	98
28) bis(2-Chloroethoxy)methane	10.06	93	398703	37.322	ng	98
29) 2,4-Dichlorophenol	10.29	162	330248	42.391	ng	98
30) 1,2,4-Trichlorobenzene	10.50	180	364269	41.130	ng	99
31) Naphthalene	10.70	128	1003993	39.629	ng	99
32) Benzoic acid	9.96	122	232850	40.718	ng	92
33) 4-Chloroaniline	10.81	127	465540	41.587	ng	97
34) Hexachlorobutadiene	10.96	225	222508	42.102	ng	98
35) Caprolactam	11.62	113	119698	39.240	ng	# 82
36) 4-Chloro-3-methylphenol	11.93	107	344163	39.610	ng	92
37) 2-Methylnaphthalene	12.30	142	718541	39.688	ng	99
38) 1-Methylnaphthalene	12.53	142	698723	39.515	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.67	216	440437	43.246	ng	99

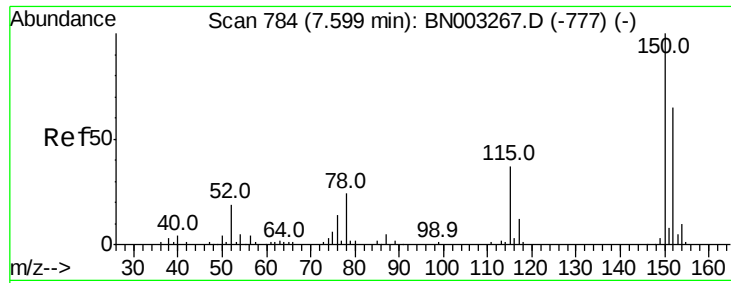
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110718\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.64	237	199712	49.105	ng	98
43) 2,4,6-Trichlorophenol	12.91	196	281166	43.696	ng	100
44) 2,4,5-Trichlorophenol	12.98	196	300555	44.780	ng	99
46) 1,1'-Biphenyl	13.32	154	1087540	40.249	ng	99
47) 2-Chloronaphthalene	13.36	162	813231	40.803	ng	99
48) 2-Nitroaniline	13.57	65	208760	35.648	ng	89
49) Acenaphthylene	14.21	152	1225315	40.165	ng	98
50) Dimethylphthalate	13.95	163	973589	39.112	ng	100
51) 2,6-Dinitrotoluene	14.07	165	224953	39.816	ng	92
52) Acenaphthene	14.55	154	732717	39.641	ng	99
53) 3-Nitroaniline	14.40	138	247535	40.986	ng	93
54) 2,4-Dinitrophenol	14.60	184	92532	32.630	ng	91
55) Dibenzofuran	14.89	168	1201392	39.951	ng	99
56) 4-Nitrophenol	14.70	139	192317	46.604	ng	93
57) 2,4-Dinitrotoluene	14.86	165	309723	40.431	ng	# 75
58) Fluorene	15.53	166	904221	38.966	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.10	232	272607	46.253	ng	97
60) Diethylphthalate	15.30	149	969136	38.366	ng	99
61) 4-Chlorophenyl-phenylether	15.53	204	522145	40.500	ng	100
62) 4-Nitroaniline	15.57	138	254608	43.151	ng	98
63) Azobenzene	15.82	77	840918	36.021	ng	94
65) 4,6-Dinitro-2-methylphenol	15.62	198	167171	34.628	ng	94
66) n-Nitrosodiphenylamine	15.75	169	871549	40.239	ng	100
67) 4-Bromophenyl-phenylether	16.42	248	342718	43.982	ng	95
68) Hexachlorobenzene	16.53	284	398448	44.886	ng	96
69) Atrazine	16.69	200	296107	38.576	ng	97
70) Pentachlorophenol	16.87	266	264394	60.681	ng	98
71) Phenanthrene	17.27	178	1439520	39.576	ng	99
72) Anthracene	17.36	178	1439720	39.666	ng	98
73) Carbazole	17.64	167	1447536	38.511	ng	99
74) Di-n-butylphthalate	18.19	149	1653868	37.720	ng	100
75) Fluoranthene	19.29	202	1622763	37.869	ng	99
77) Benzidine	19.47	184	709246	38.551	ng	99
78) Pyrene	19.65	202	1667408	45.145	ng	99
80) Butylbenzylphthalate	20.54	149	725389	42.297	ng	95
81) Benzo(a)anthracene	21.40	228	1435087	39.214	ng	98
82) 3,3'-Dichlorobenzidine	21.33	252	595796	39.340	ng	99
83) Chrysene	21.45	228	1365977	38.828	ng	98
84) Bis(2-ethylhexyl)phthalate	21.30	149	1056654	41.546	ng	99
85) Di-n-octyl phthalate	22.20	149	1653710	37.891	ng	98
86) Indeno(1,2,3-cd)pyrene	26.09	276	1356788	33.651	ng	99
88) Benzo(b)fluoranthene	23.03	252	1224745	40.722	ng	99
89) Benzo(k)fluoranthene	23.07	252	1259781	42.709	ng	99
90) Benzo(a)pyrene	23.63	252	1158469	40.416	ng	98
91) Dibenzo(a,h)anthracene	26.10	278	1141722	40.243	ng	98
92) Benzo(g,h,i)perylene	26.82	276	1105215	40.579	ng	99

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

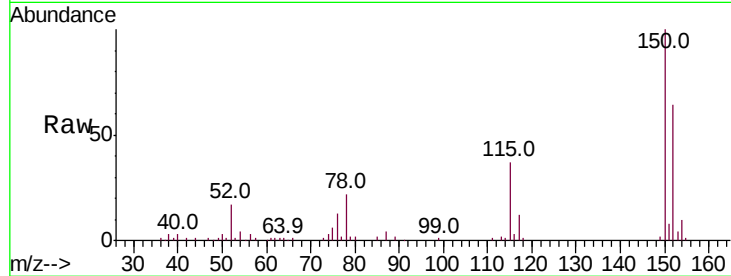


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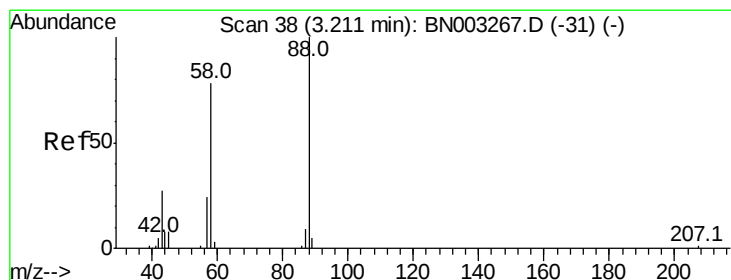
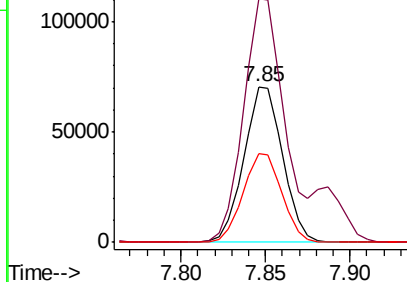
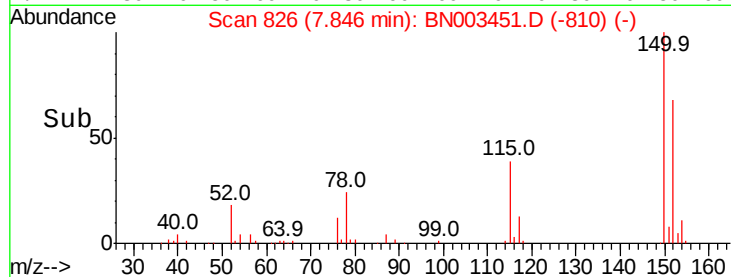
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN003451.D
Acq: 07 Nov 2018 14:50

Instrument :
BNA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	123.8	185.8
115	57.3	45.9	68.9



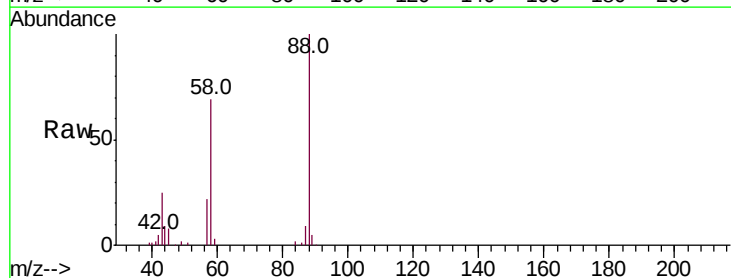
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



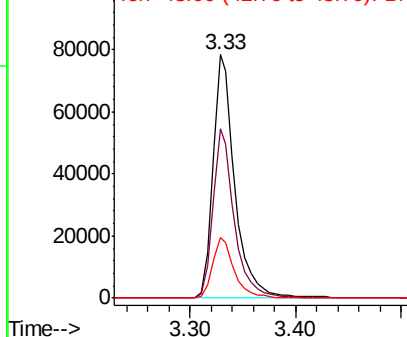
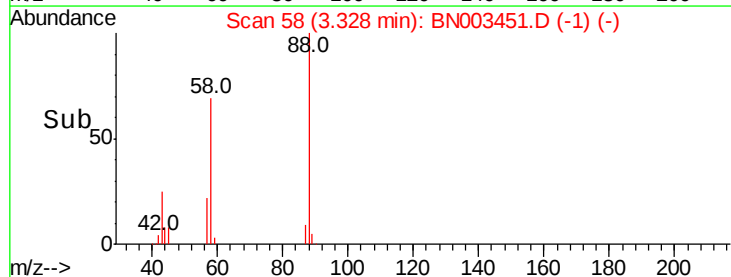
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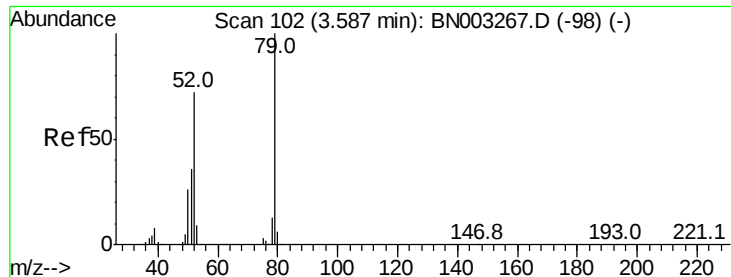
1,4-Dioxane
Concen: 37.113 ng
RT: 3.33 min Scan# 58
Delta R.T. -0.01 min
Lab File: BN003451.D
Acq: 07 Nov 2018 14:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.7	61.1	91.7
43	24.6	22.2	33.4



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: 41.041 ng

RT: 3.73 min Scan# 126

Delta R.T. 0.00 min

Lab File: BN003451.D

Acq: 07 Nov 2018 14:50

Instrument :

BNA_N

ClientSampled :

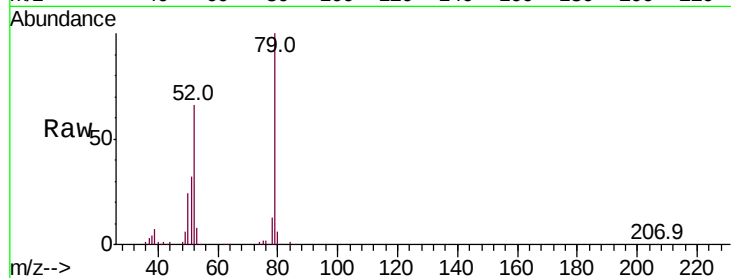
Tot Ion: 79 Resp: 287581

Ion Ratio Lower Upper

79 100

52 66.2 57.7 86.5

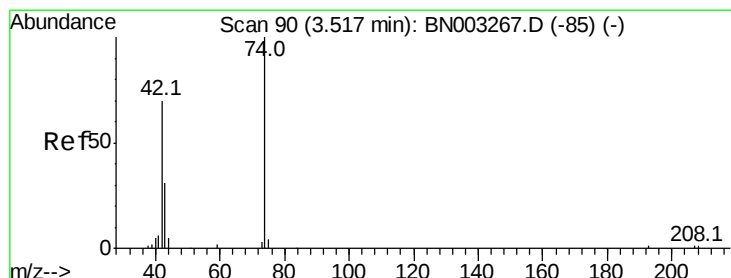
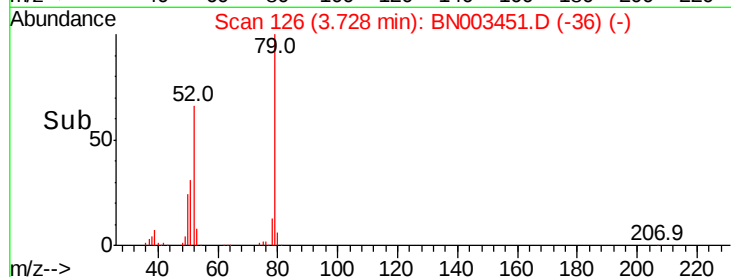
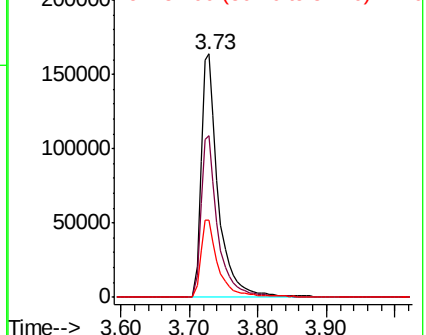
51 31.5 28.7 43.1



Abundance Ion 79.00 (78.70 to 79.70): BN0

Ion 52.00 (51.70 to 52.70): BN0

Ion 51.00 (50.70 to 51.70): BN0



#4

n-Nitrosodimethylamine

Concen: 34.722 ng

RT: 3.65 min Scan# 113

Delta R.T. 0.00 min

Lab File: BN003451.D

Acq: 07 Nov 2018 14:50

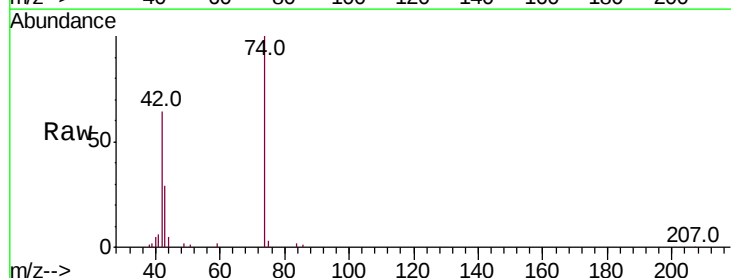
Tgt Ion: 42 Resp: 89576

Ion Ratio Lower Upper

42 100

74 155.5 114.2 171.4

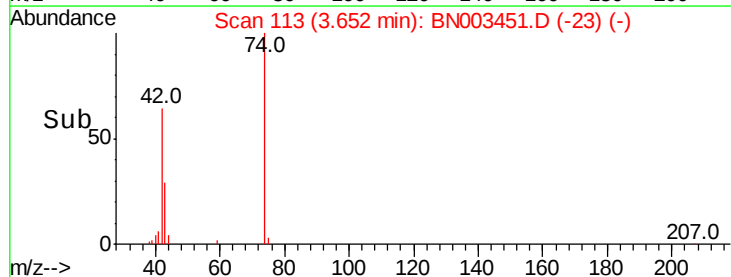
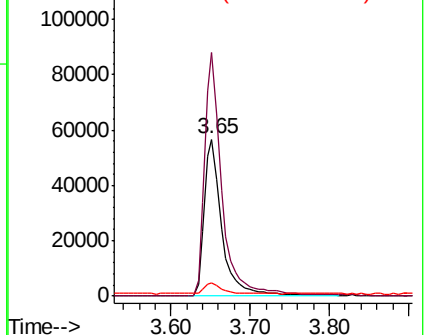
44 8.3 6.1 9.1

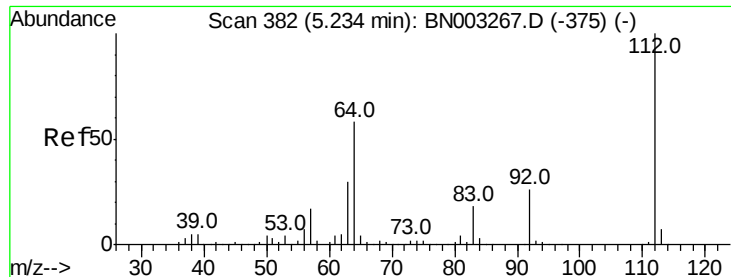


Abundance Ion 42.00 (41.70 to 42.70): BN0

Ion 74.00 (73.70 to 74.70): BN0

Ion 44.00 (43.70 to 44.70): BN0

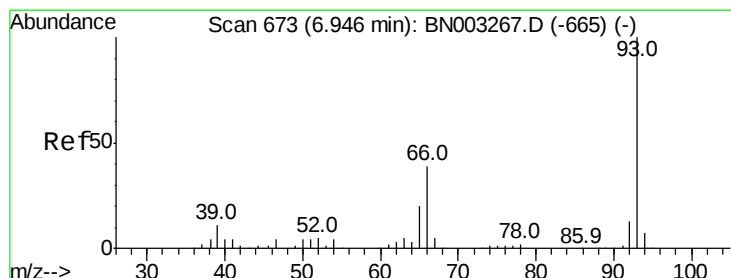
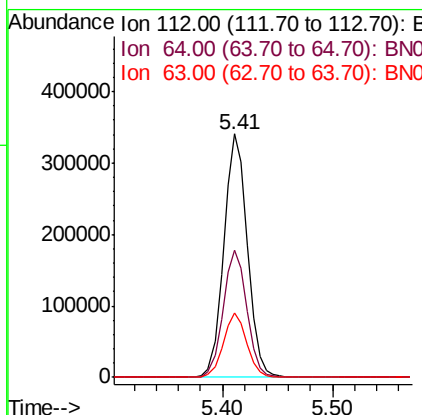
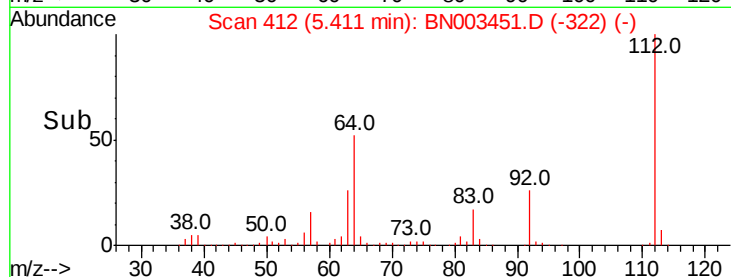
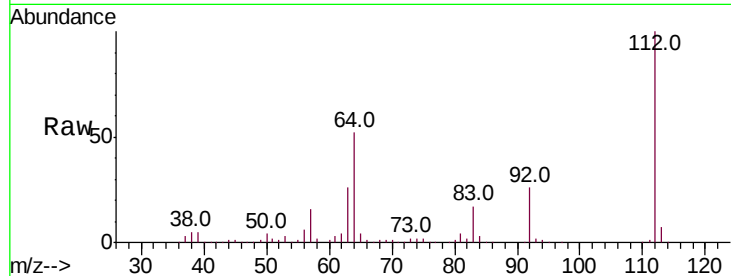




#5
 2-Fluorophenol
 Concen: 78.500 ng
 RT: 5.41 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BN003451.D
 Acq: 07 Nov 2018 14:50

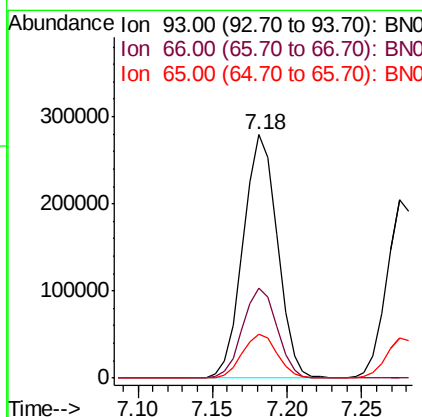
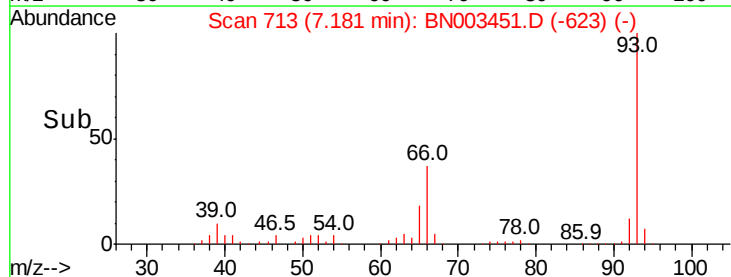
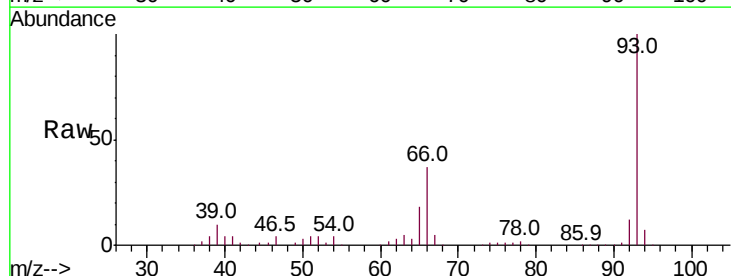
Instrument :
 BNA_N
 ClientSampled :

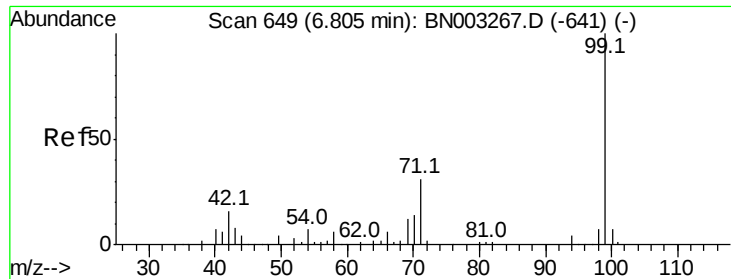
Tot Ion:112 Resp: 506971
 Ion Ratio Lower Upper
 112 100
 64 52.4 46.6 69.8
 63 26.3 23.8 35.8



#6
 Aniline
 Concen: 38.844 ng
 RT: 7.18 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BN003451.D
 Acq: 07 Nov 2018 14:50

Tgt Ion: 93 Resp: 445444
 Ion Ratio Lower Upper
 93 100
 66 37.0 31.4 47.0
 65 17.9 15.7 23.5





#7

Phenol-d6

Concen: 77.117 ng

RT: 7.00 min Scan# 683

Delta R.T. -0.01 min

Lab File: BN003451.D

Acq: 07 Nov 2018 14:50

Instrument :

BNA_N

ClientSampled :

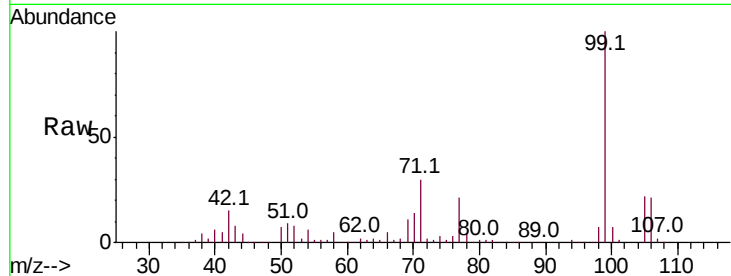
Tot Ion: 99 Resp: 708184

Ion Ratio Lower Upper

99 100

42 15.0 13.0 19.6

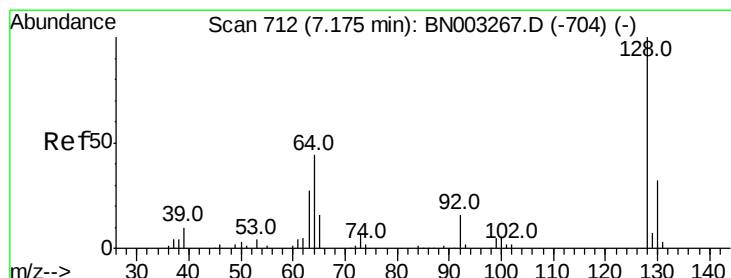
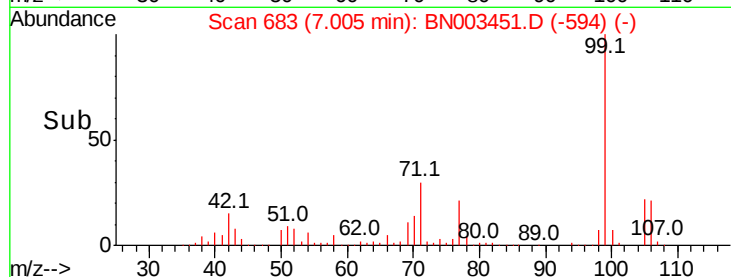
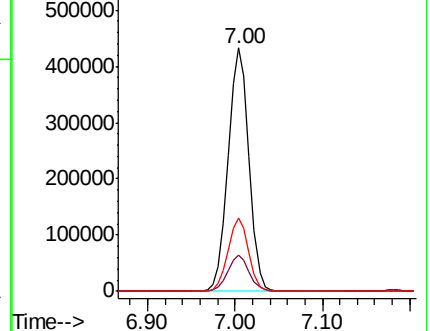
71 30.0 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BN003267.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BN003267.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BN003267.D (-641) (-)



#8

2-Chlorophenol

Concen: 40.064 ng

RT: 7.41 min Scan# 752

Delta R.T. 0.00 min

Lab File: BN003451.D

Acq: 07 Nov 2018 14:50

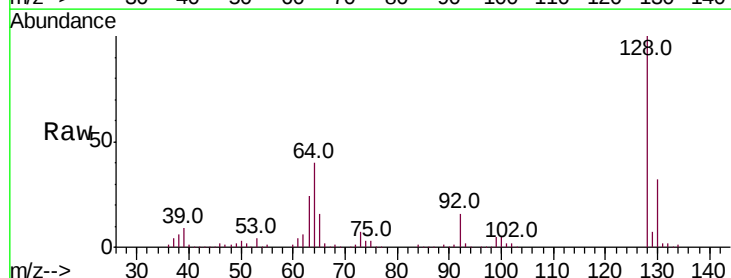
Tgt Ion: 128 Resp: 318687

Ion Ratio Lower Upper

128 100

130 32.3 12.4 52.4

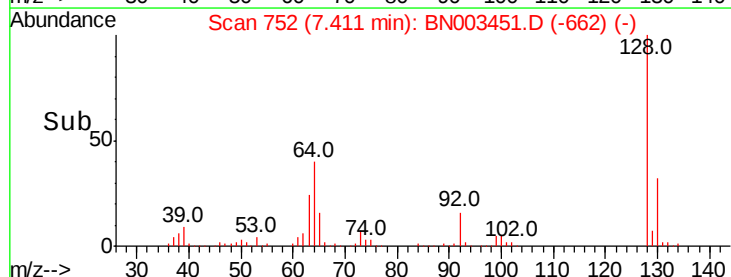
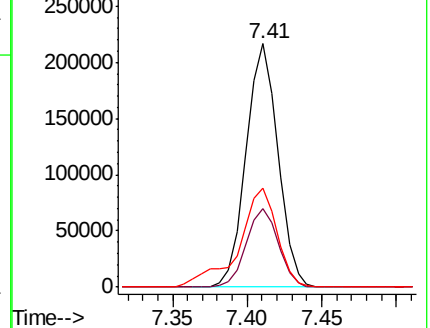
64 40.5 27.0 67.0

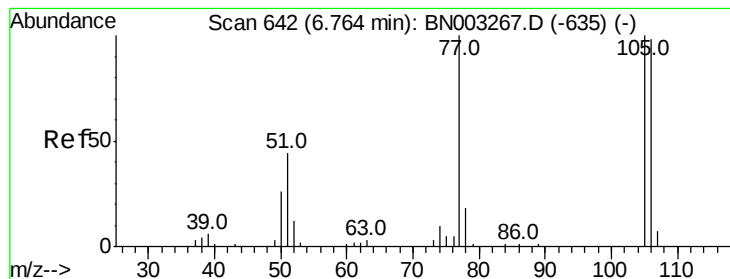


Abundance Ion 128.00 (127.70 to 128.70): BN003267.D (-704) (-)

Ion 130.00 (129.70 to 130.70): BN003267.D (-704) (-)

Ion 64.00 (63.70 to 64.70): BN003267.D (-704) (-)





#9

Benzaldehyde

Concen: 35.800 ng

RT: 7.00 min Scan# 682

Delta R.T. 0.00 min

Lab File: BN003451.D

Acq: 07 Nov 2018 14:50

Instrument :

BNA_N

ClientSampleId :

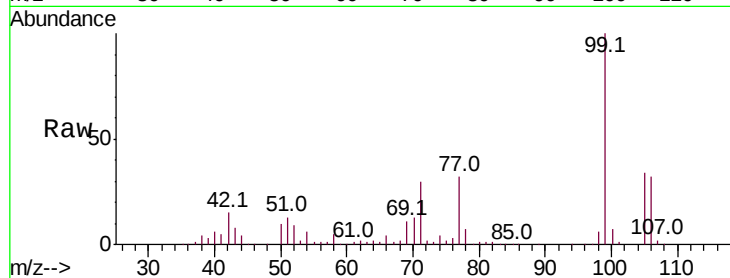
Tot Ion: 77 Resp: 190935

Ion Ratio Lower Upper

77 100

105 105.9 79.9 119.9

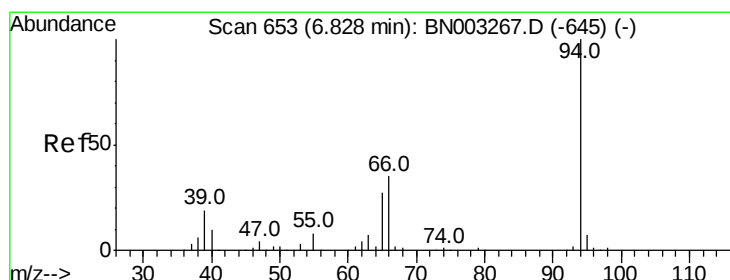
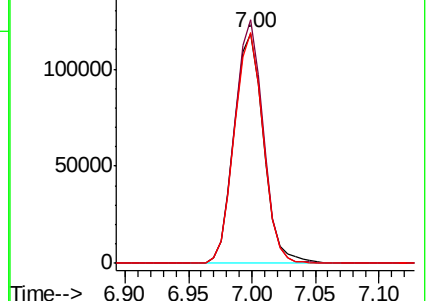
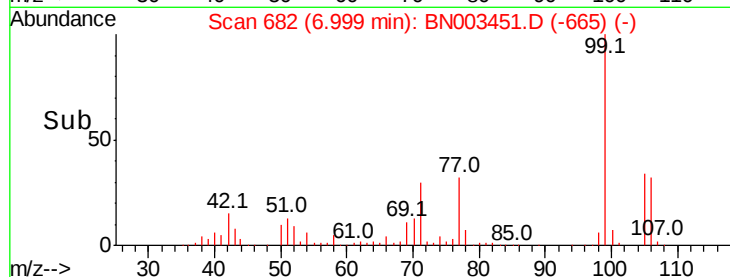
106 100.5 78.4 118.4



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: 38.928 ng

RT: 7.03 min Scan# 688

Delta R.T. 0.00 min

Lab File: BN003451.D

Acq: 07 Nov 2018 14:50

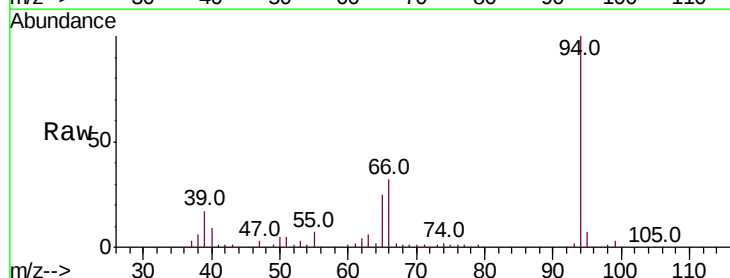
Tgt Ion: 94 Resp: 377250

Ion Ratio Lower Upper

94 100

65 25.1 7.7 47.7

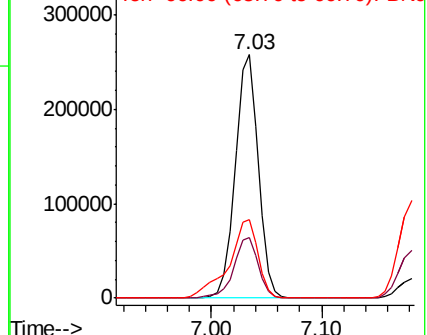
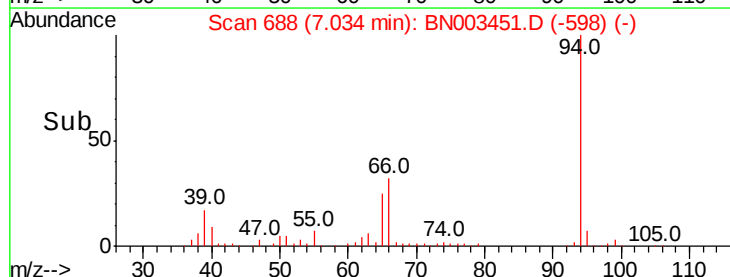
66 32.3 15.8 55.8

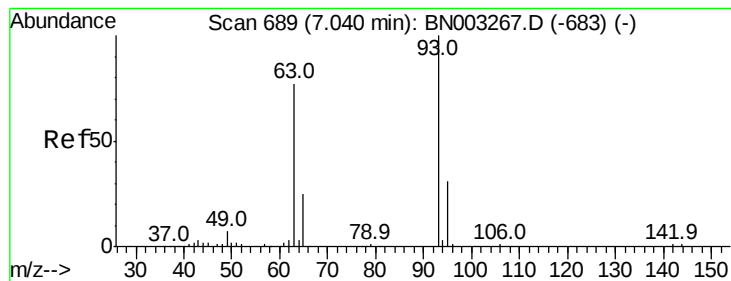


Abundance Ion 94.00 (93.70 to 94.70): BNC

Ion 65.00 (64.70 to 65.70): BNC

Ion 66.00 (65.70 to 66.70): BNC





#11

bis(2-Chloroethyl)ether

Concen: 37.837 ng

RT: 7.28 min Scan# 729

Delta R.T. -0.01 min

Lab File: BN003451.D

Acq: 07 Nov 2018 14:50

Instrument :

BNA_N

ClientSampleId :

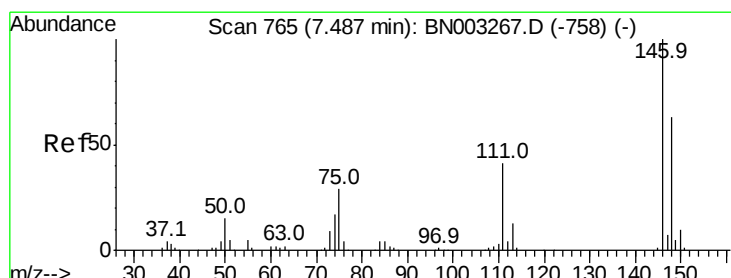
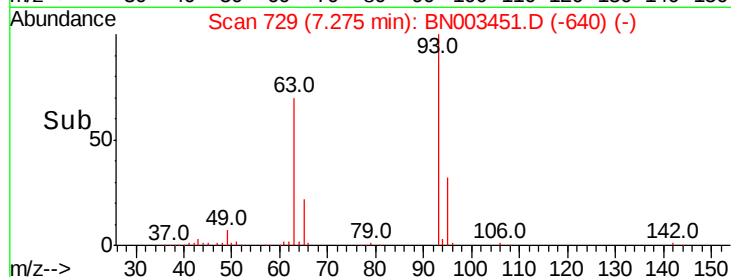
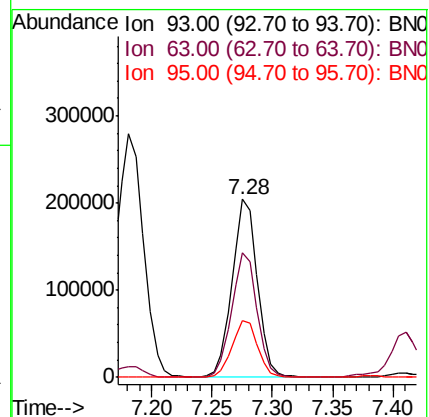
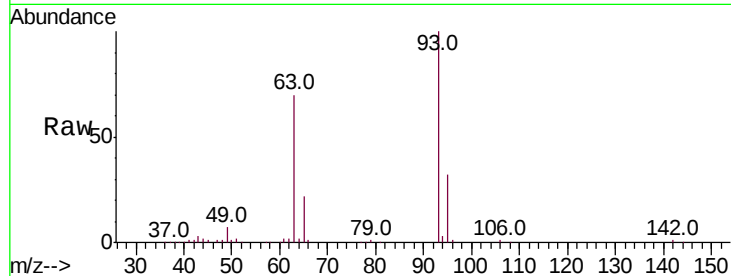
Tot Ion: 93 Resp: 299493

Ion Ratio Lower Upper

93 100

63 69.8 56.6 96.6

95 32.1 10.9 50.9



#12

1,3-Dichlorobenzene

Concen: 40.481 ng

RT: 7.73 min Scan# 807

Delta R.T. -0.01 min

Lab File: BN003451.D

Acq: 07 Nov 2018 14:50

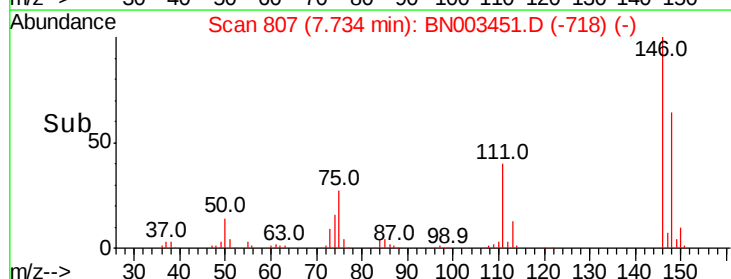
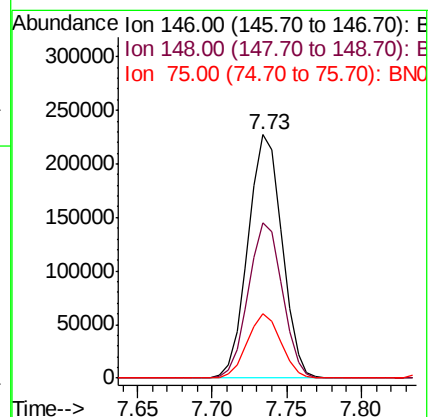
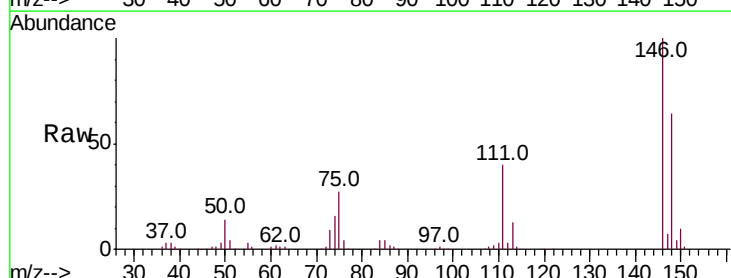
Tgt Ion: 146 Resp: 358013

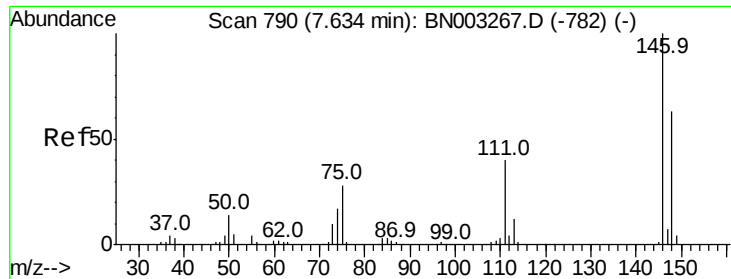
Ion Ratio Lower Upper

146 100

148 63.6 50.1 75.1

75 26.6 22.9 34.3

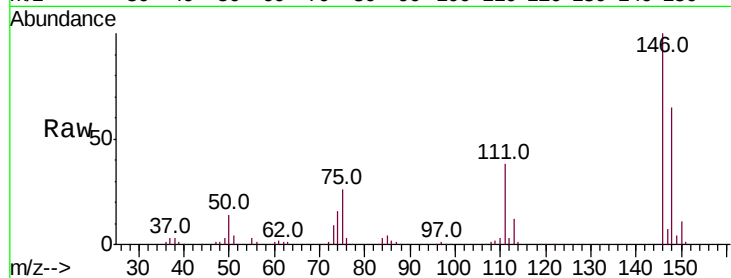




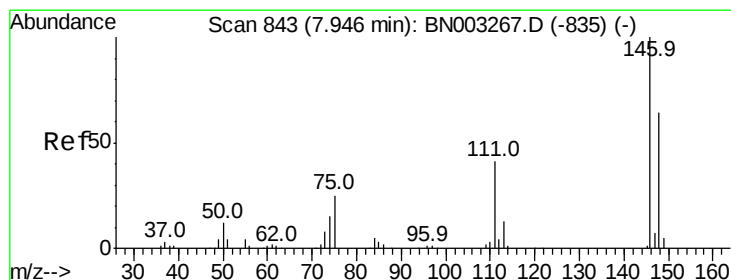
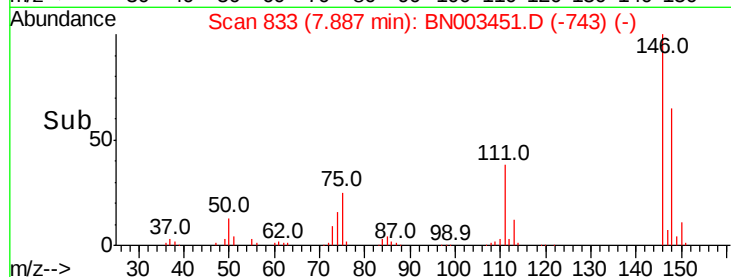
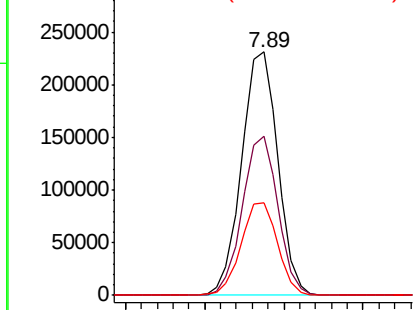
#13
 1,4-Dichlorobenzene
 Concen: 40.221 ng
 RT: 7.89 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BN003451.D
 Acq: 07 Nov 2018 14:50

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:146 Resp: 366274
 Ion Ratio Lower Upper
 146 100
 148 65.2 50.2 75.2
 111 38.2 32.1 48.1

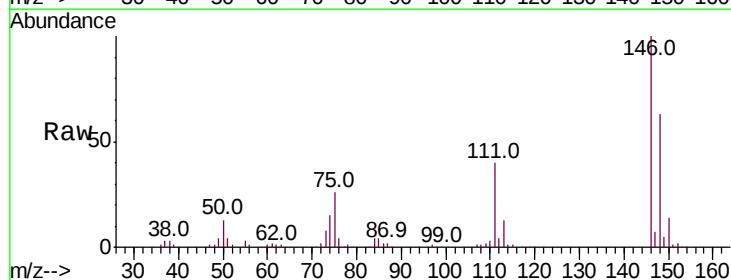


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

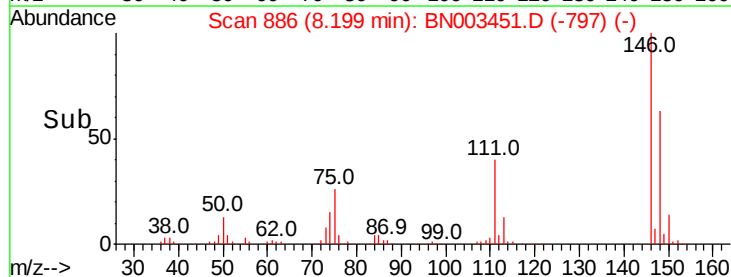
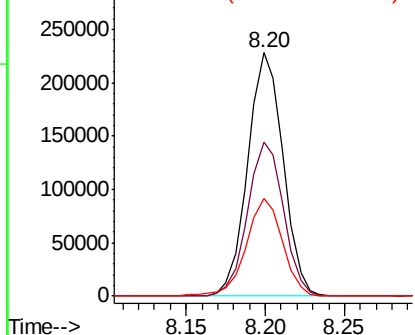


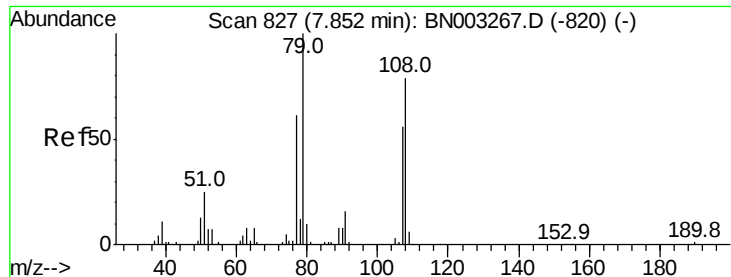
#14
 1,2-Dichlorobenzene
 Concen: 40.066 ng
 RT: 8.20 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BN003451.D
 Acq: 07 Nov 2018 14:50

Tgt Ion:146 Resp: 354113
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.4 77.2
 111 40.1 33.1 49.7



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: 39.563 ng

RT: 8.09 min Scan# 867

Delta R.T. -0.01 min

Lab File: BN003451.D

Acq: 07 Nov 2018 14:50

Instrument :

BNA_N

ClientSampled :

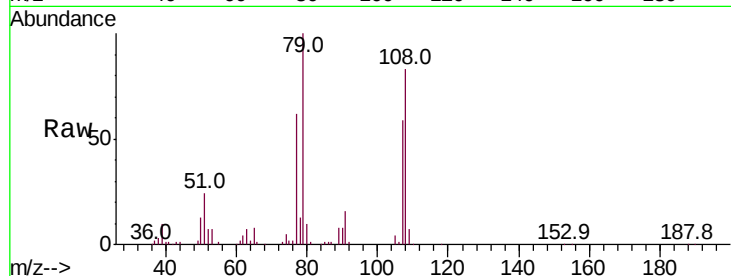
Tot Ion: 79 Resp: 261815

Ion Ratio Lower Upper

79 100

108 83.1 63.3 94.9

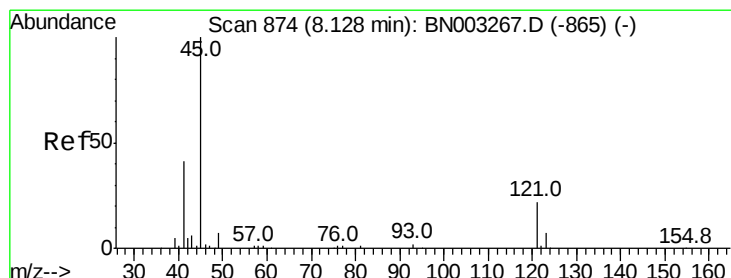
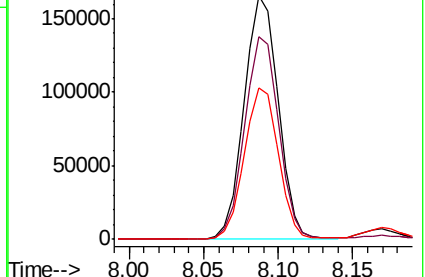
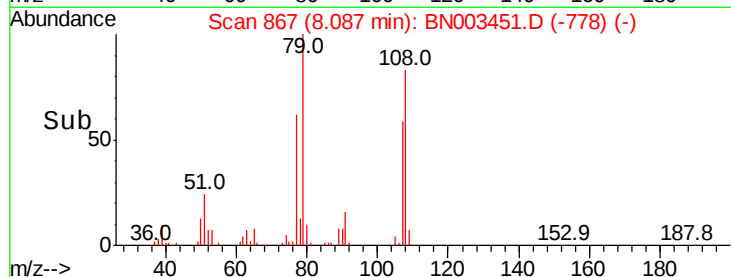
77 62.5 49.0 73.6



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: 33.125 ng

RT: 8.38 min Scan# 916

Delta R.T. 0.00 min

Lab File: BN003451.D

Acq: 07 Nov 2018 14:50

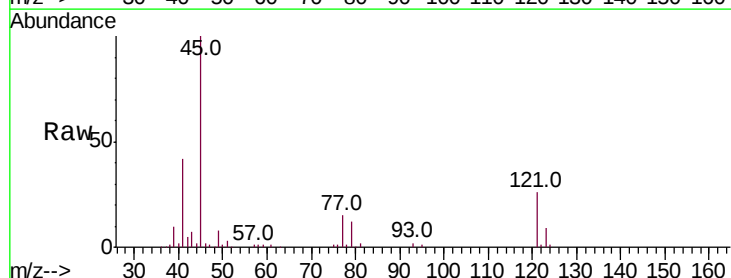
Tgt Ion: 45 Resp: 384418

Ion Ratio Lower Upper

45 100

77 15.0 0.0 34.0

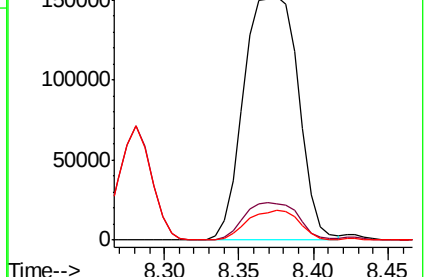
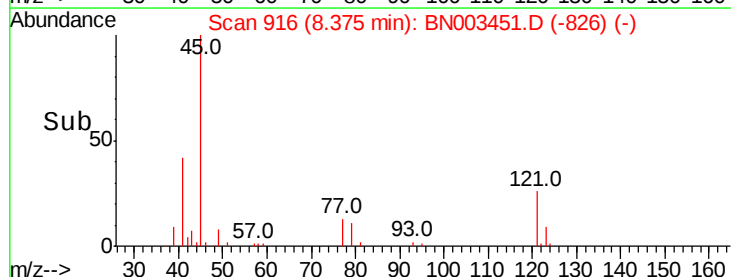
79 12.1 0.0 30.9

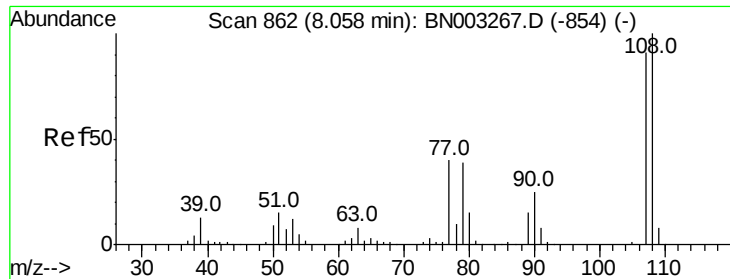


Abundance Ion 45.00 (44.70 to 45.70): BNC

Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC

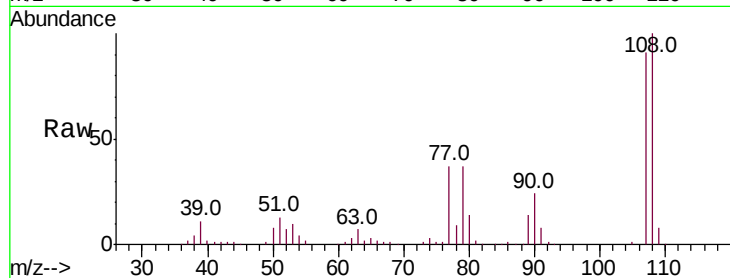




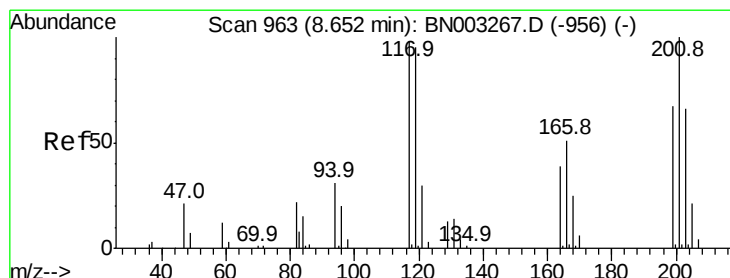
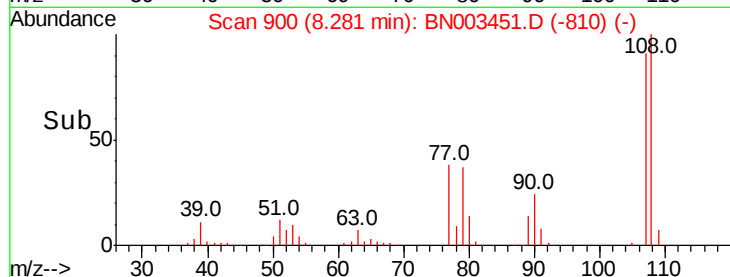
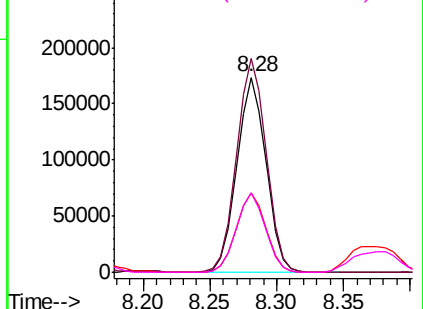
#17
2-Methylphenol
Concen: 39.624 ng
RT: 8.28 min Scan# 900
Delta R.T. 0.00 min
Lab File: BN003451.D
Acq: 07 Nov 2018 14:50

Instrument :
BNA_N
ClientSampled :

Tot Ion:	107	Resp:	262435
Ion	Ratio	Lower	Upper
107	100		
108	109.6	87.6	131.4
77	41.0	35.3	52.9
79	40.9	34.2	51.4

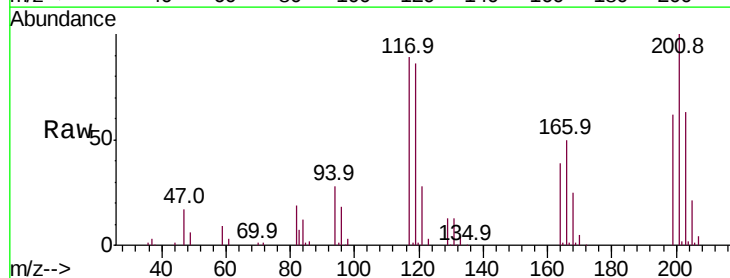


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BNC
Ion 79.00 (78.70 to 79.70): BNC

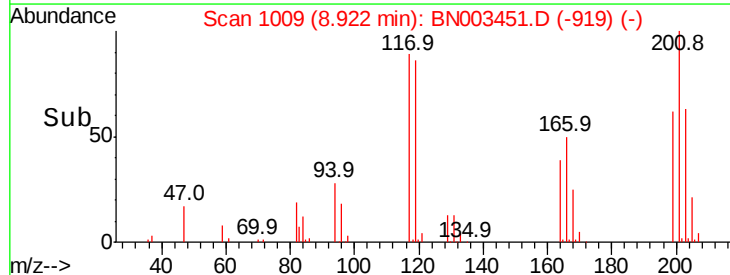
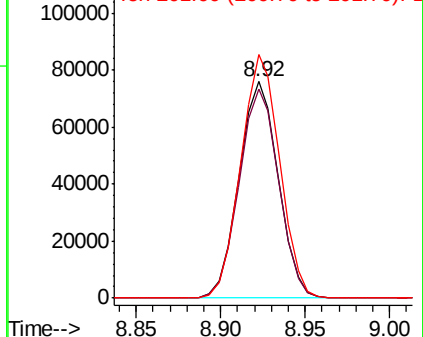


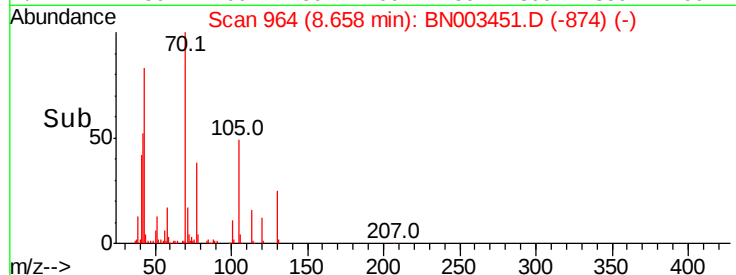
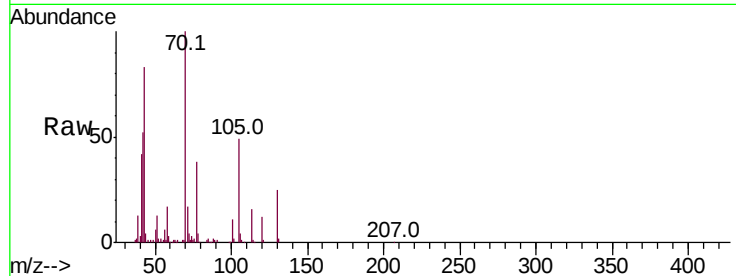
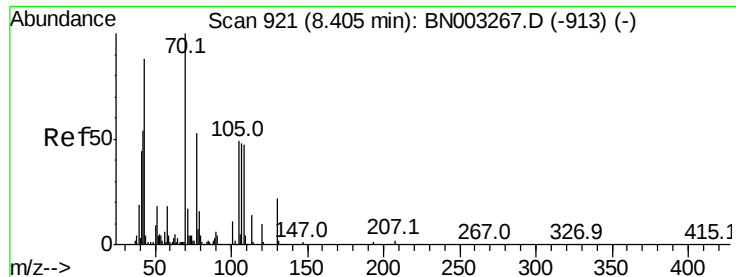
#18
Hexachloroethane
Concen: 38.406 ng
RT: 8.92 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BN003451.D
Acq: 07 Nov 2018 14:50

Tgt Ion:	117	Resp:	122525
Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.8	116.6
201	112.4	81.4	122.2



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

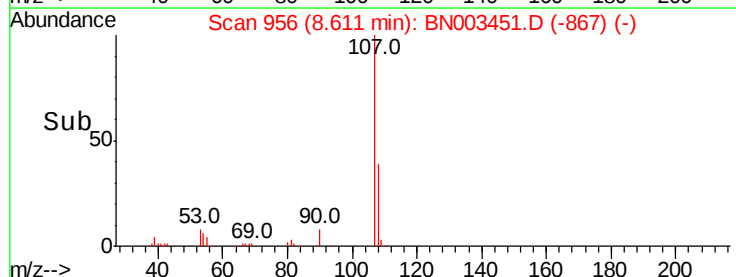
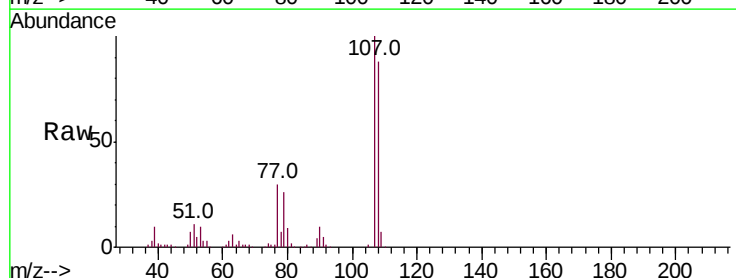
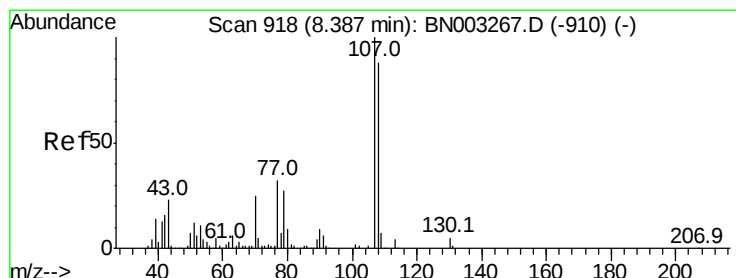
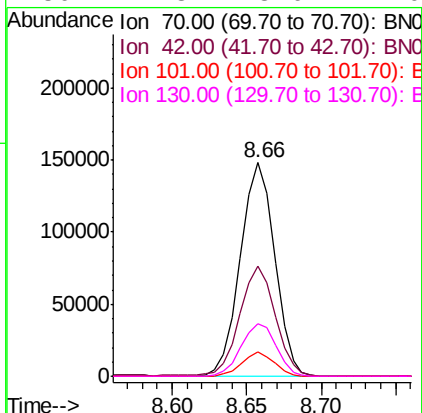




#19
n-Nitroso-di-n-propylamine
Concen: 35.758 ng
RT: 8.66 min Scan# 964
Delta R.T. 0.00 min
Lab File: BN003451.D
Acq: 07 Nov 2018 14:50

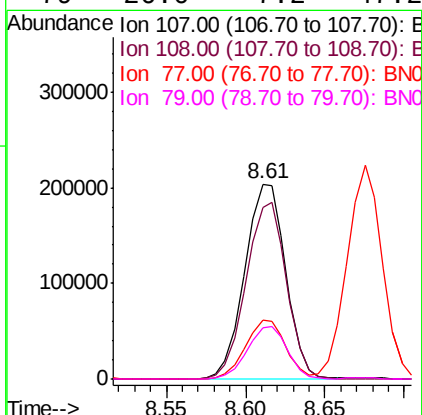
Instrument :
BNA_N
ClientSampleId :

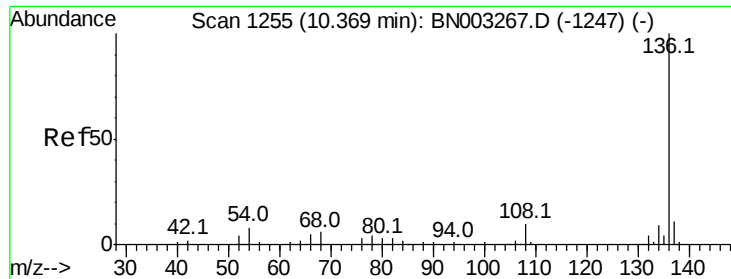
Tot Ion:	70	Resp:	236792
Ion	Ratio	Lower	Upper
70	100		
42	51.6	43.5	65.3
101	11.1	8.6	12.8
130	24.8	18.0	27.0



#20
3+4-Methylphenols
Concen: 38.878 ng
RT: 8.61 min Scan# 956
Delta R.T. -0.01 min
Lab File: BN003451.D
Acq: 07 Nov 2018 14:50

Tgt Ion:	107	Resp:	365769
Ion	Ratio	Lower	Upper
107	100		
108	87.8	67.8	107.8
77	29.9	12.1	52.1
79	26.0	7.2	47.2

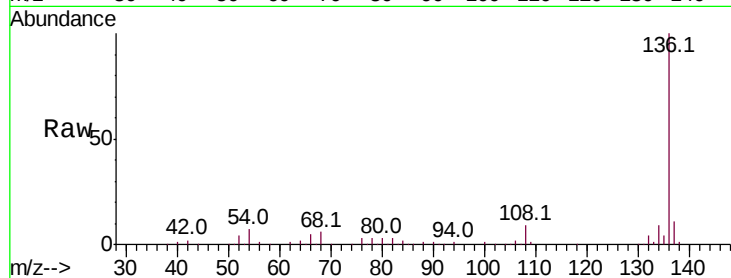




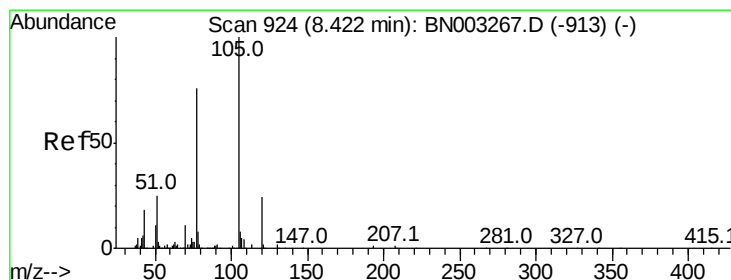
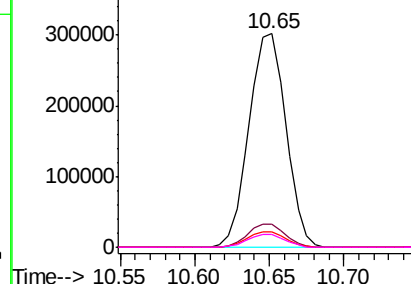
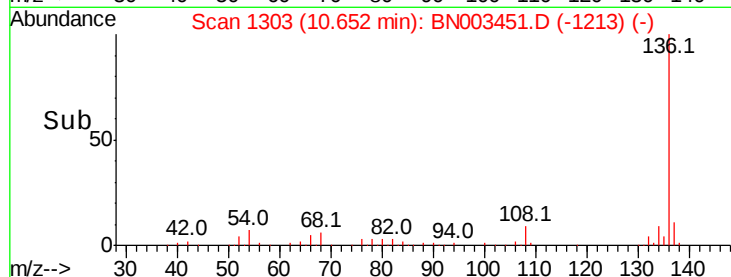
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.65 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BN003451.D
Acq: 07 Nov 2018 14:50

Instrument :
BNA_N
ClientSampleId :

Tot Ion:136	Resp:	518437
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.7 13.1
54	7.2	6.6 10.0
68	5.9	4.6 7.0

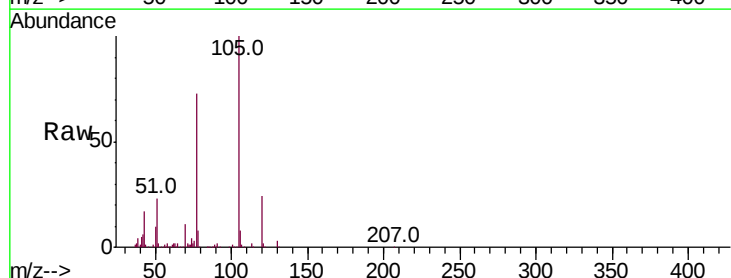


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

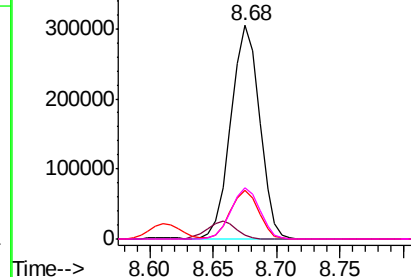
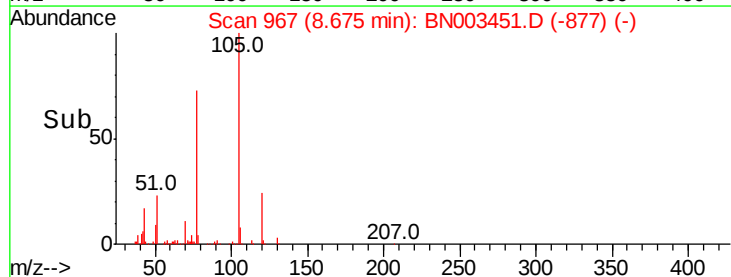


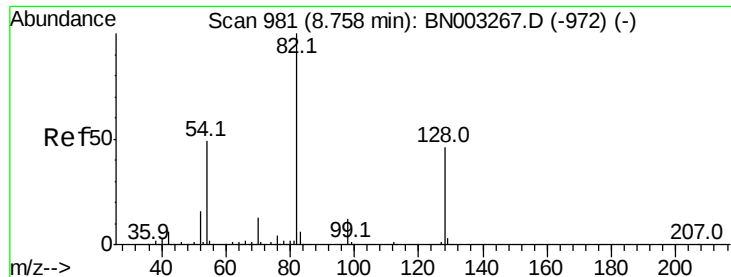
#22
Acetophenone
Concen: 38.082 ng
RT: 8.68 min Scan# 967
Delta R.T. 0.00 min
Lab File: BN003451.D
Acq: 07 Nov 2018 14:50

Tgt Ion:105	Resp:	478566
Ion Ratio	Lower	Upper
105	100	
71	1.9	1.3 1.9
51	22.8	20.5 30.7
120	24.0	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

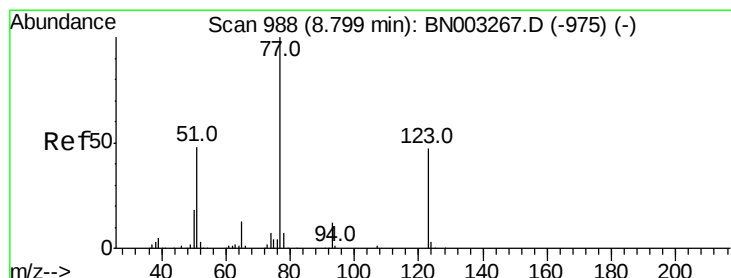
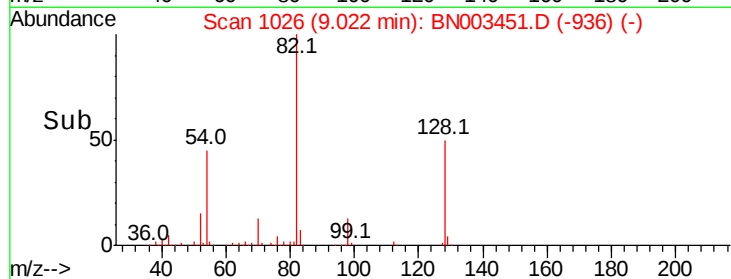
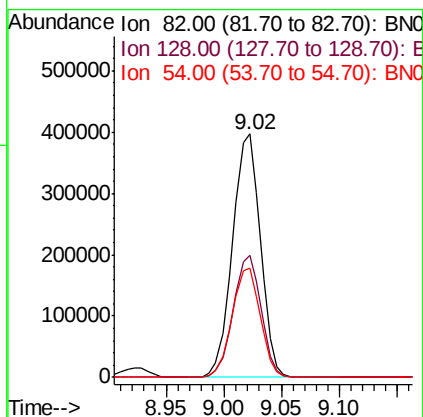
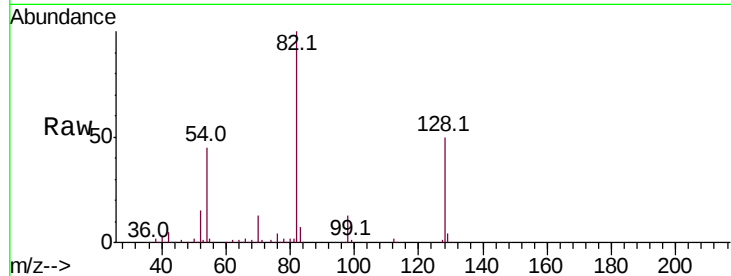




#23
 Nitrobenzene-d5
 Concen: 73.553 ng
 RT: 9.02 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BN003451.D
 Acq: 07 Nov 2018 14:50

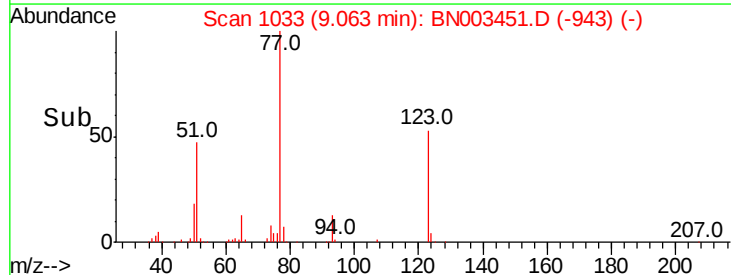
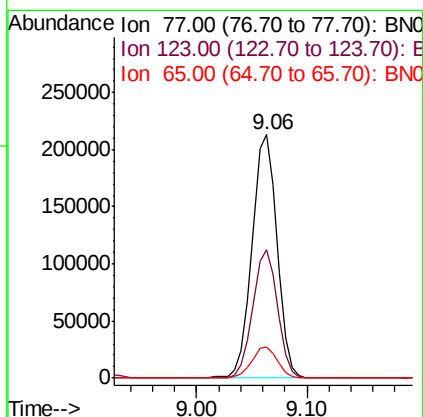
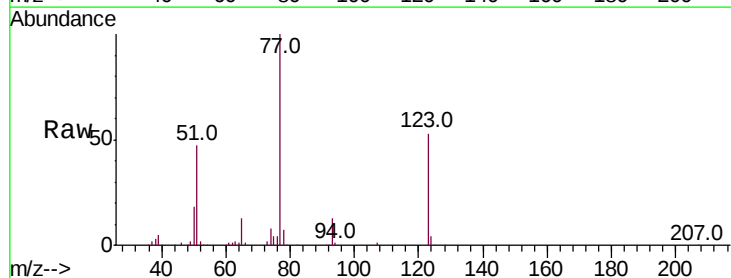
Instrument :
 BNA_N
 ClientSampled :

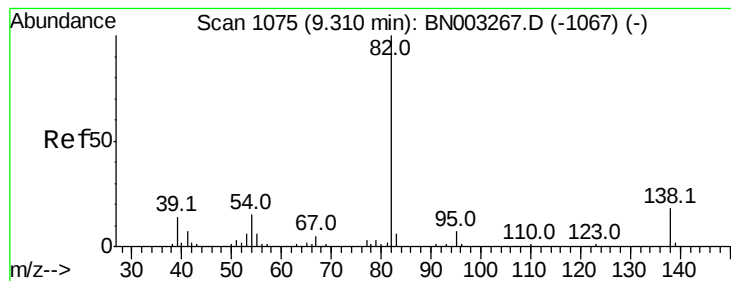
Tot Ion: 82 Resp: 664920
 Ion Ratio Lower Upper
 82 100
 128 50.1 37.1 55.7
 54 44.7 39.4 59.2



#24
 Nitrobenzene
 Concen: 36.938 ng
 RT: 9.06 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BN003451.D
 Acq: 07 Nov 2018 14:50

Tgt Ion: 77 Resp: 340744
 Ion Ratio Lower Upper
 77 100
 123 52.7 37.8 56.6
 65 12.9 10.7 16.1





#25

Isophorone

Concen: 36.488 ng

RT: 9.58 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BN003451.D

Acq: 07 Nov 2018 14:50

Instrument :

BNA_N

ClientSampled :

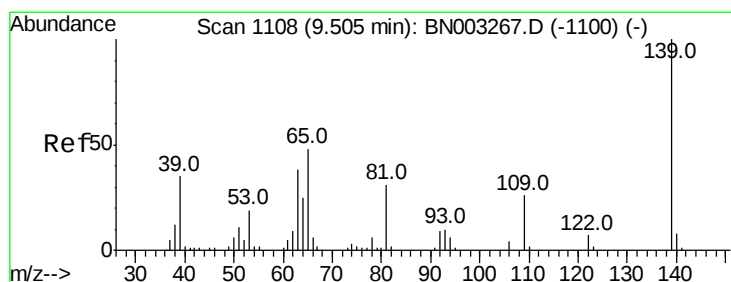
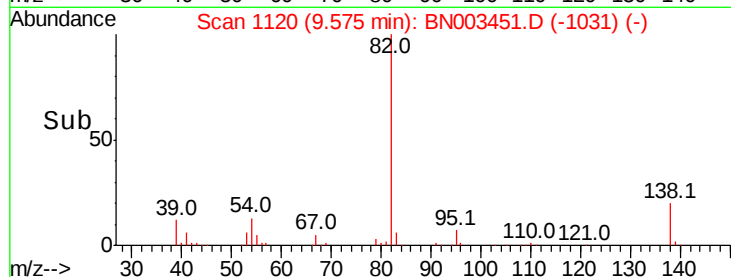
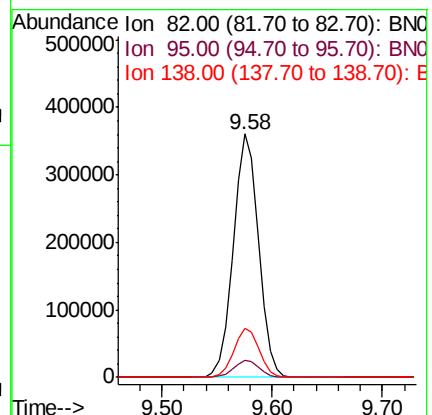
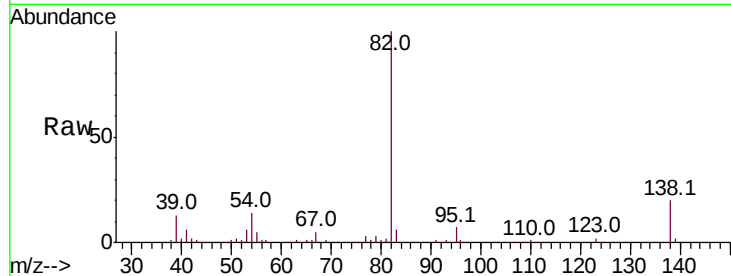
Tot Ion: 82 Resp: 578592

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.0

138 20.0 14.5 21.7



#26

2-Nitrophenol

Concen: 39.584 ng

RT: 9.76 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BN003451.D

Acq: 07 Nov 2018 14:50

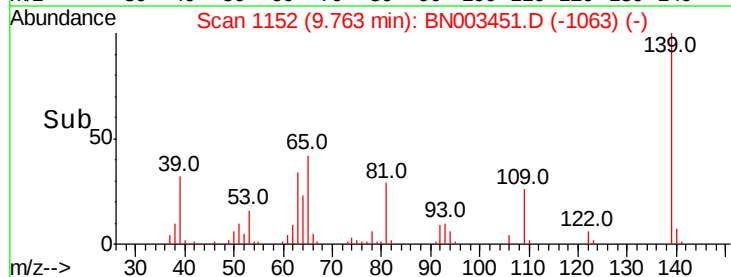
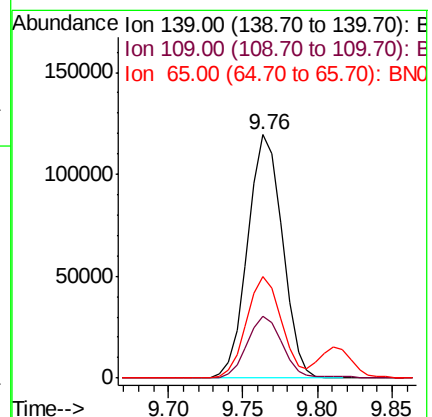
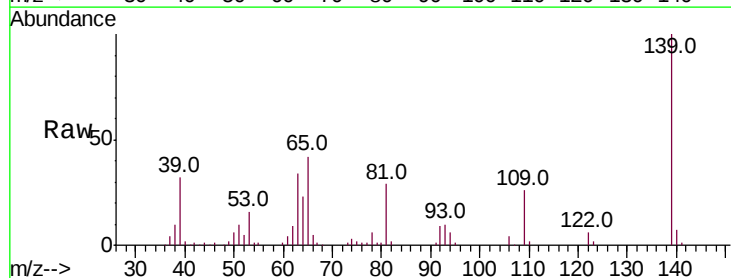
Tgt Ion:139 Resp: 192191

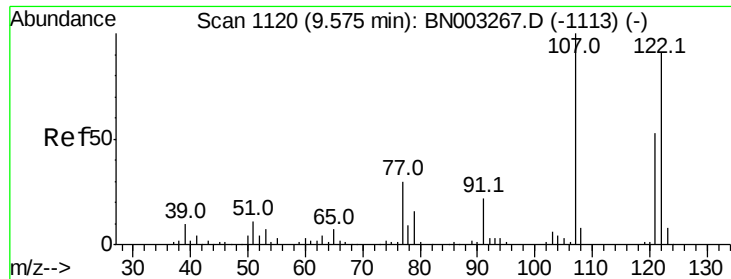
Ion Ratio Lower Upper

139 100

109 25.6 20.5 30.7

65 41.9 38.4 57.6

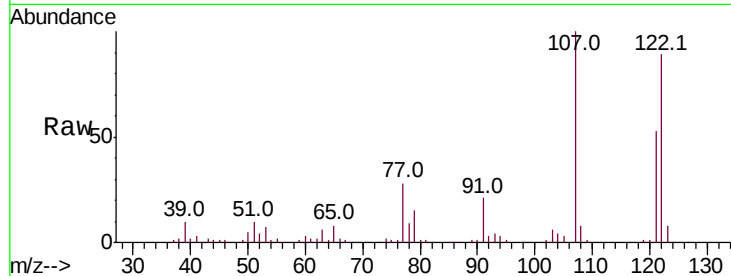




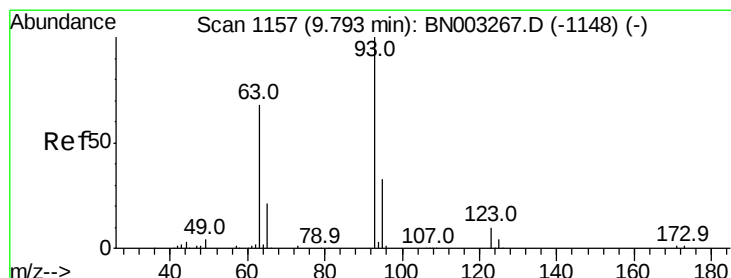
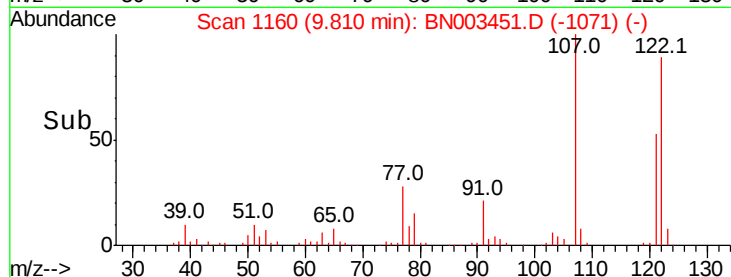
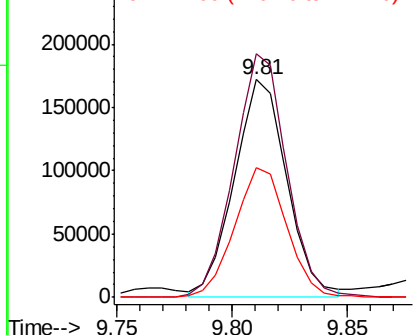
#27
 2,4-Dimethylphenol
 Concen: 40.059 ng
 RT: 9.81 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BN003451.D
 Acq: 07 Nov 2018 14:50

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:122 Resp: 273477
 Ion Ratio Lower Upper
 122 100
 107 111.8 87.8 131.6
 121 59.5 46.9 70.3

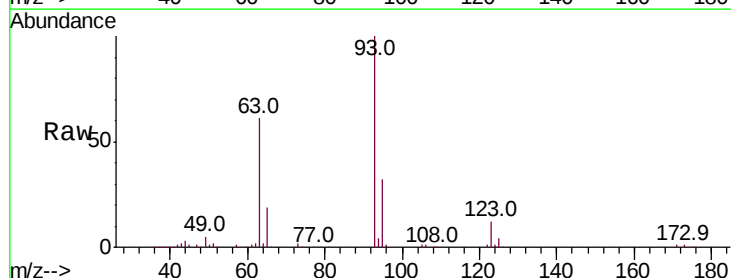


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

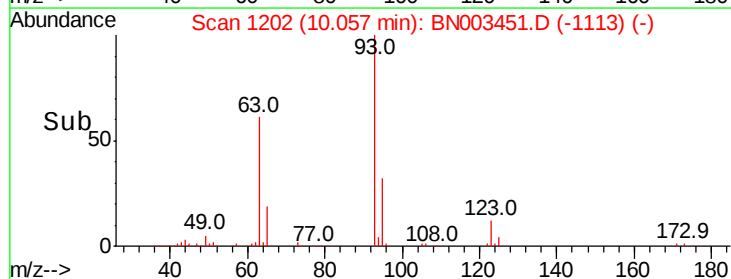
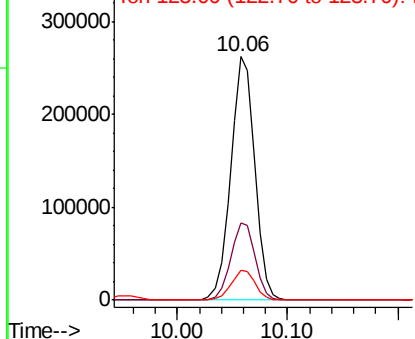


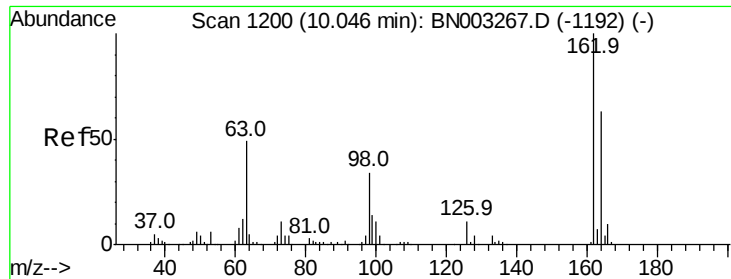
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.322 ng
 RT: 10.06 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BN003451.D
 Acq: 07 Nov 2018 14:50

Tgt Ion: 93 Resp: 398703
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.2 39.4
 123 12.3 9.1 13.7



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

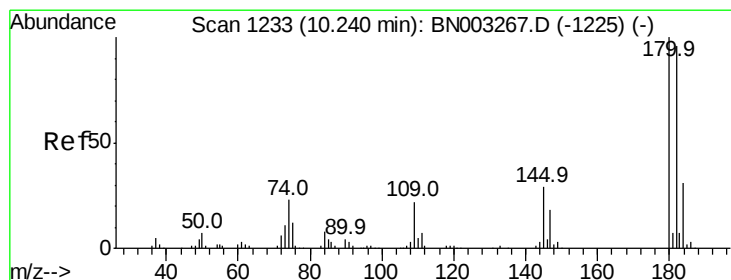
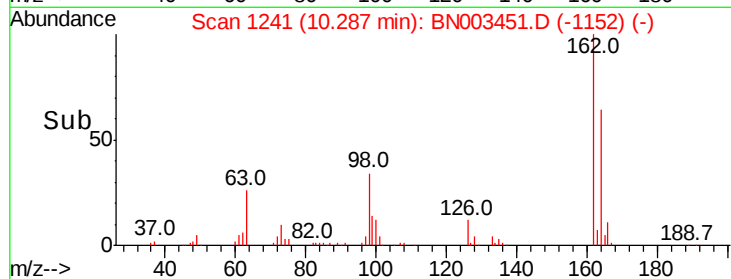
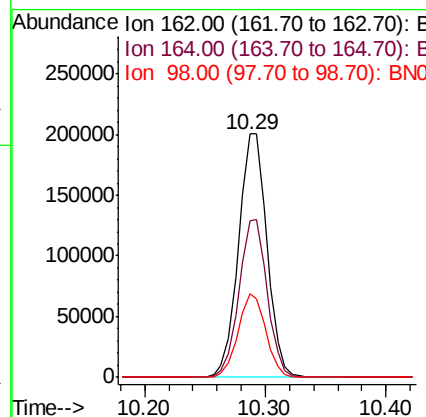
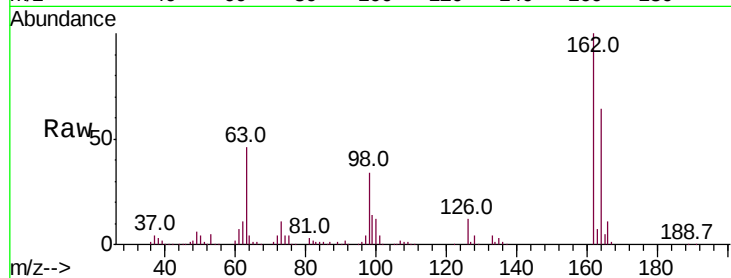




#29
 2,4-Dichlorophenol
 Concen: 42.391 ng
 RT: 10.29 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: BN003451.D
 Acq: 07 Nov 2018 14:50

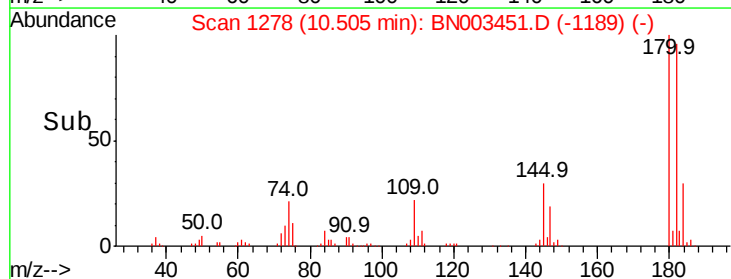
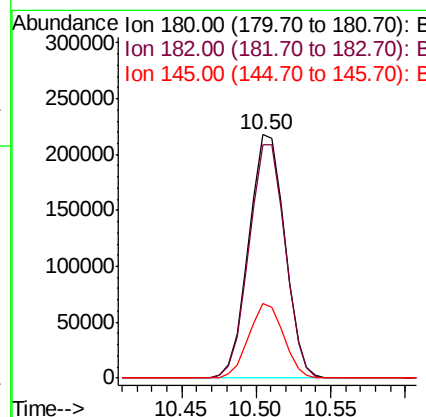
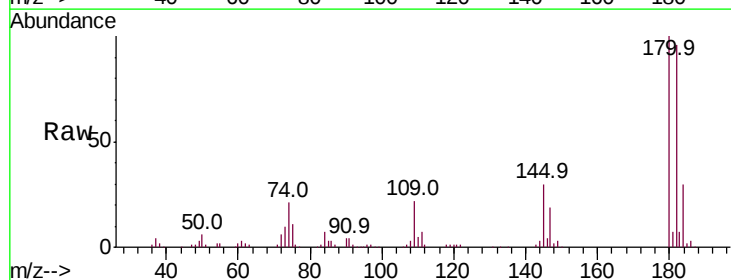
Instrument :
 BNA_N
 ClientSampleId :

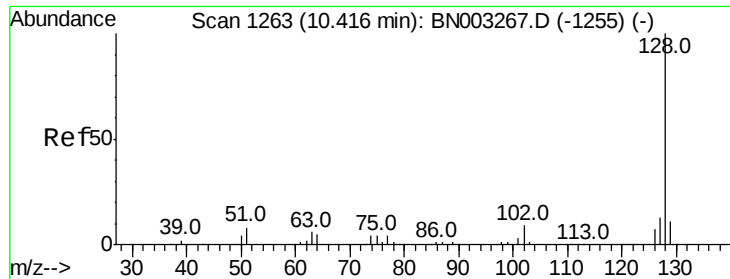
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	42.5	82.5
98	34.3	14.0	54.0



#30
 1,2,4-Trichlorobenzene
 Concen: 41.130 ng
 RT: 10.50 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BN003451.D
 Acq: 07 Nov 2018 14:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.4	114.6
145	30.5	23.6	35.4

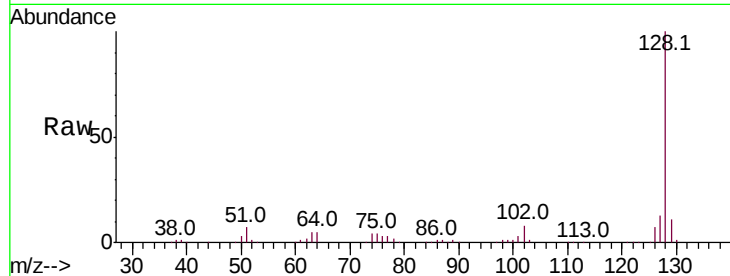




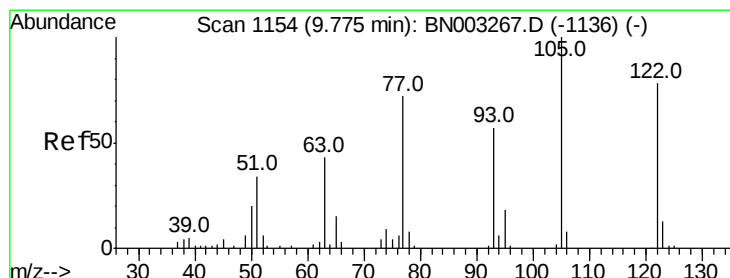
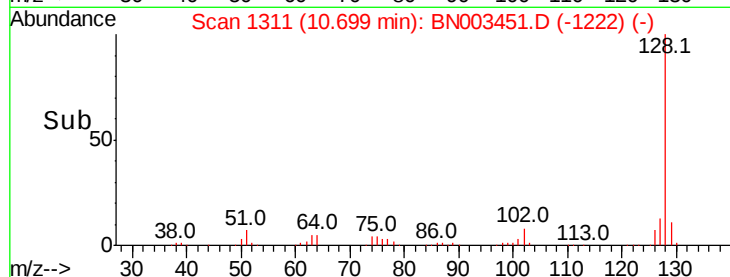
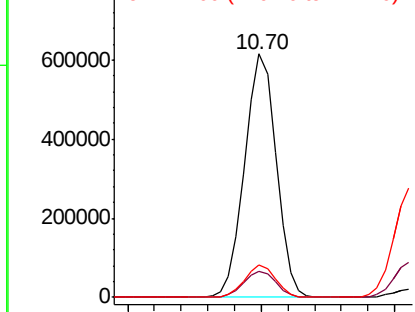
#31
Naphthalene
Concen: 39.629 ng
RT: 10.70 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BN003451.D
Acq: 07 Nov 2018 14:50

Instrument :
BNA_N
ClientSampleId :

Tot Ion:128 Resp: 1003993
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.2 10.4 15.6

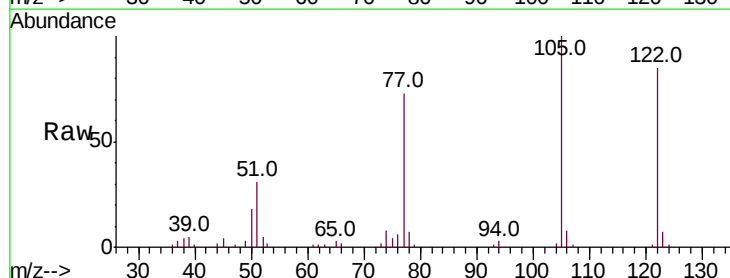


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

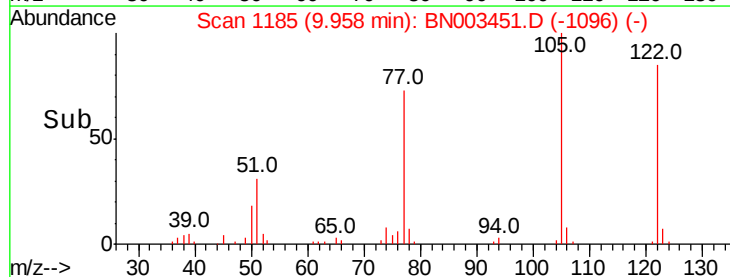
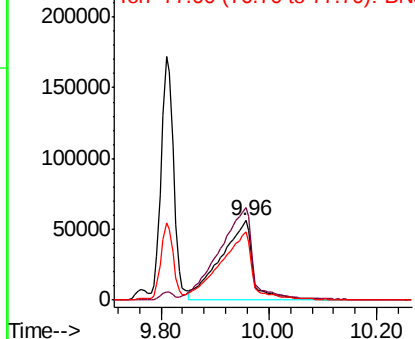


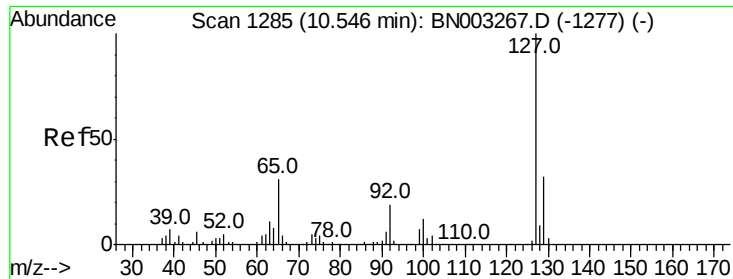
#32
Benzoic acid
Concen: 40.718 ng
RT: 9.96 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BN003451.D
Acq: 07 Nov 2018 14:50

Tgt Ion:122 Resp: 232850
Ion Ratio Lower Upper
122 100
105 117.1 106.8 146.8
77 85.9 71.9 111.9



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

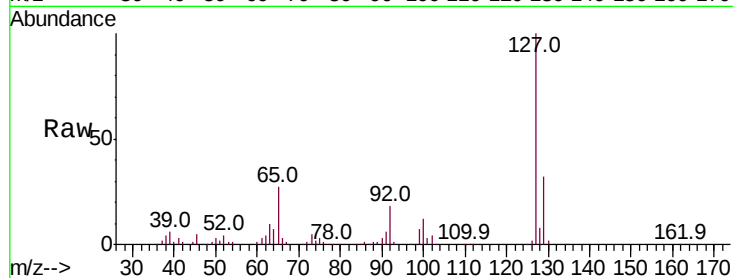




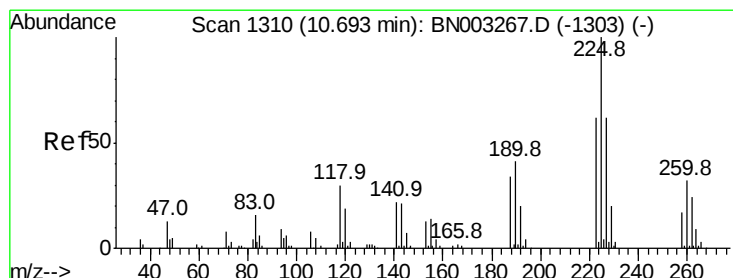
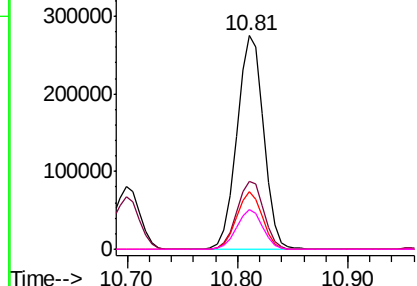
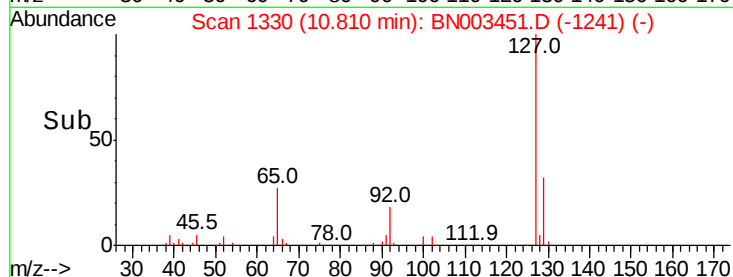
#33
4-Chloroaniline
Concen: 41.587 ng
RT: 10.81 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BN003451.D
Acq: 07 Nov 2018 14:50

Instrument :
BNA_N
ClientSampleId :

Tot Ion:127	Resp:	465540
Ion	Ratio	Lower Upper
127	100	
129	32.0	25.8 38.6
65	26.8	24.6 36.8
92	18.5	15.3 22.9

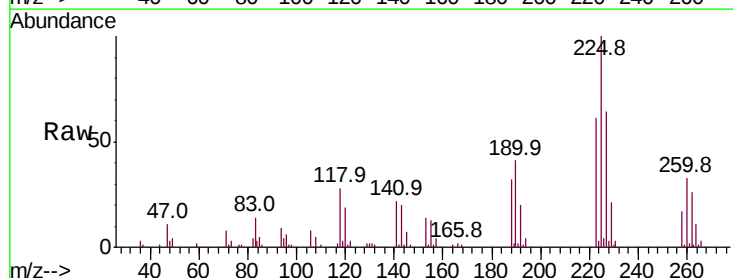


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

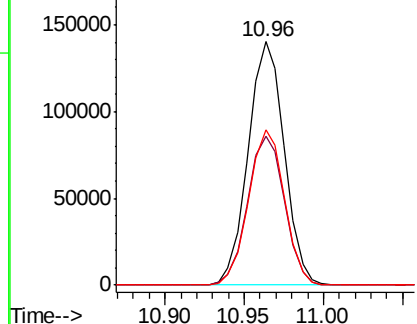
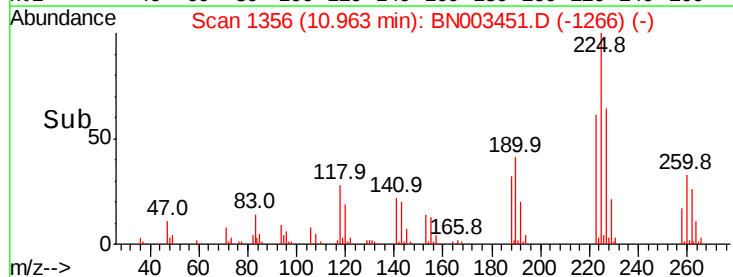


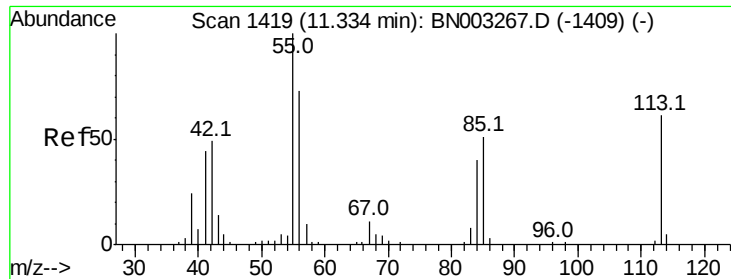
#34
Hexachlorobutadiene
Concen: 42.102 ng
RT: 10.96 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BN003451.D
Acq: 07 Nov 2018 14:50

Tgt Ion:225	Resp:	222508
Ion	Ratio	Lower Upper
225	100	
223	61.2	49.8 74.8
227	63.6	49.6 74.4



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: 39.240 ng

RT: 11.62 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BN003451.D

Acq: 07 Nov 2018 14:50

Instrument :

BNA_N

ClientSampled :

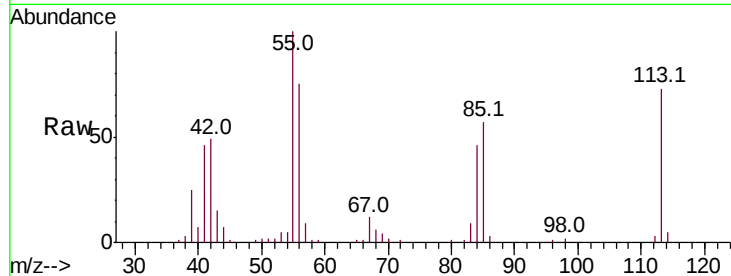
Tot Ion:113 Resp: 119698

Ion Ratio Lower Upper

113 100

55 137.7 144.2 184.2#

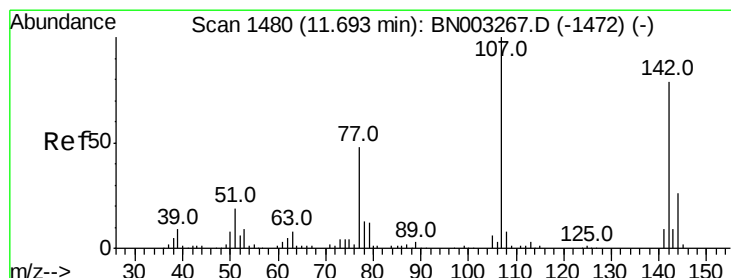
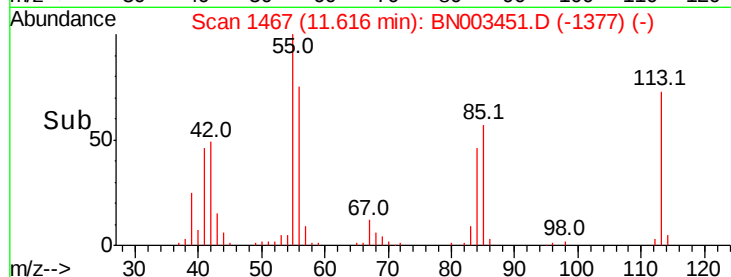
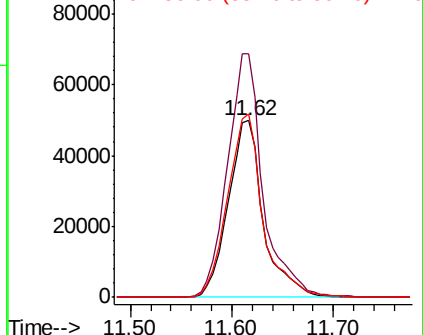
56 103.7 100.6 140.6



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: 39.610 ng

RT: 11.93 min Scan# 1520

Delta R.T. 0.00 min

Lab File: BN003451.D

Acq: 07 Nov 2018 14:50

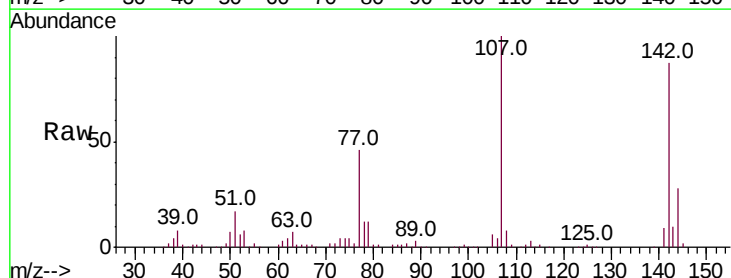
Tgt Ion:107 Resp: 344163

Ion Ratio Lower Upper

107 100

144 28.4 20.8 31.2

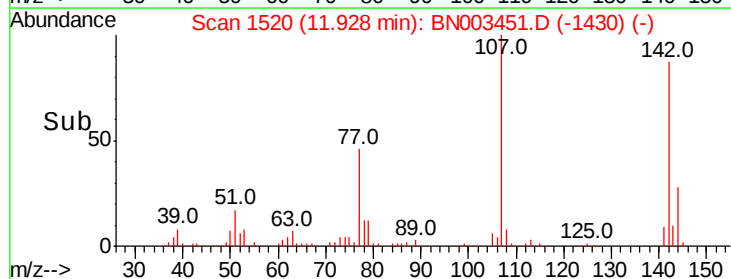
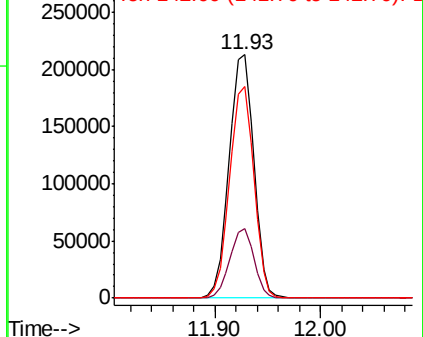
142 87.1 63.5 95.3

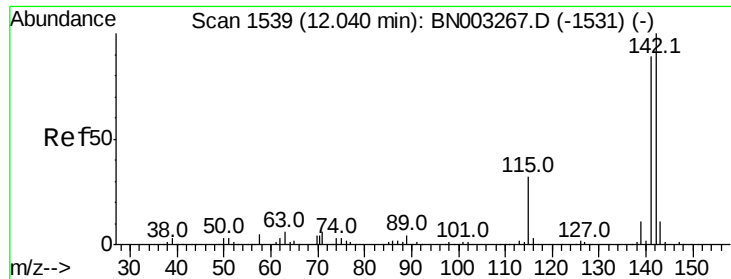


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

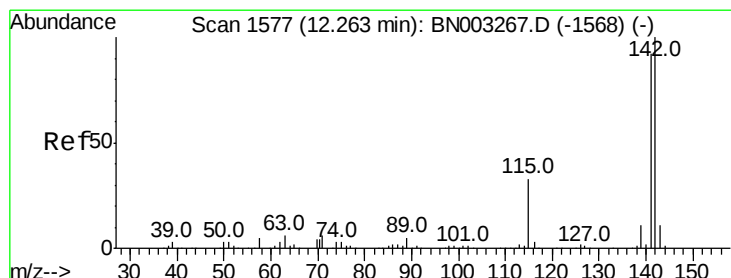
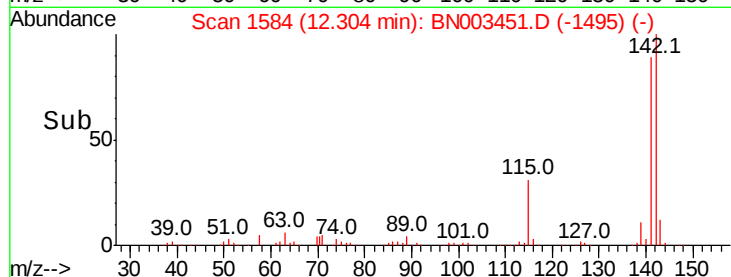
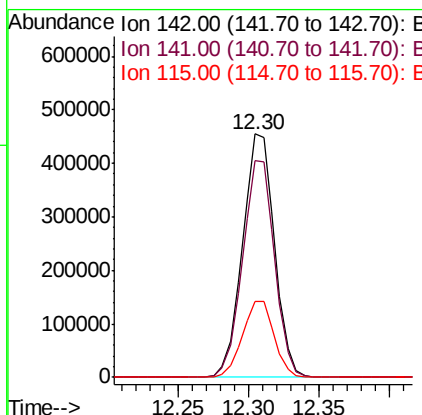
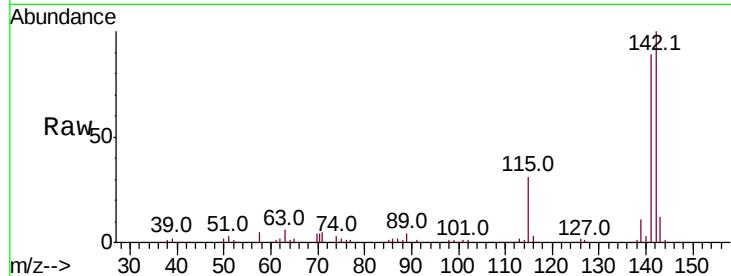




#37
2-Methylnaphthalene
Concen: 39.688 ng
RT: 12.30 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BN003451.D
Acq: 07 Nov 2018 14:50

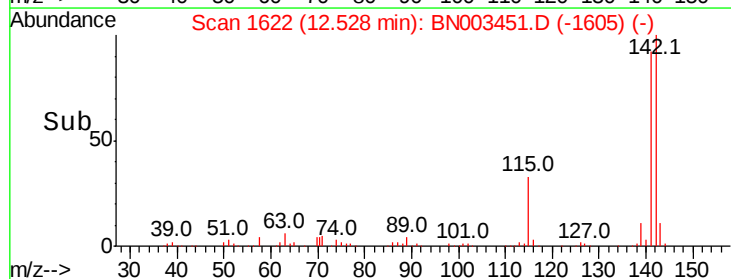
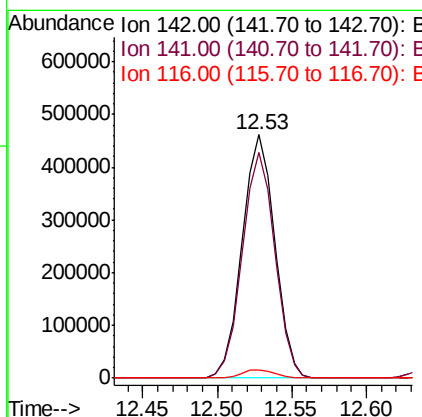
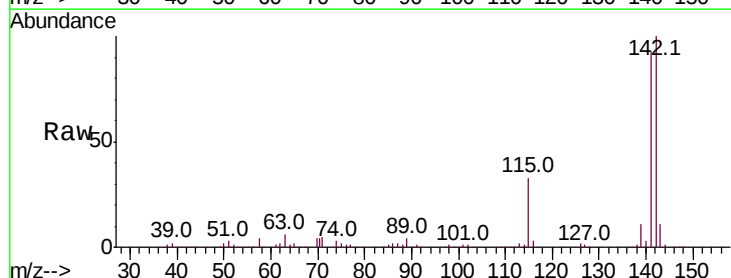
Instrument :
BNA_N
ClientSampleId :

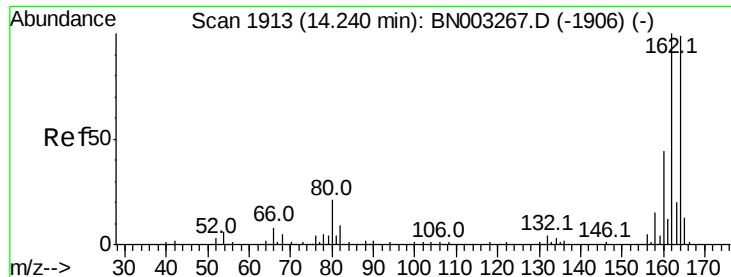
Tot Ion:142 Resp: 718541
Ion Ratio Lower Upper
142 100
141 89.1 71.6 107.4
115 31.4 25.5 38.3



#38
1-Methylnaphthalene
Concen: 39.515 ng
RT: 12.53 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BN003451.D
Acq: 07 Nov 2018 14:50

Tgt Ion:142 Resp: 698723
Ion Ratio Lower Upper
142 100
141 92.7 73.6 110.4
116 3.5 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.49 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BN003451.D

Acq: 07 Nov 2018 14:50

Instrument :

BNA_N

ClientSampleId :

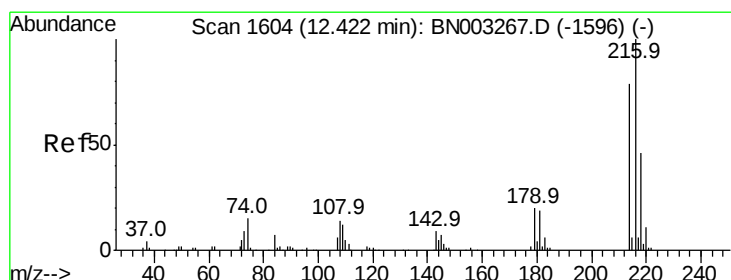
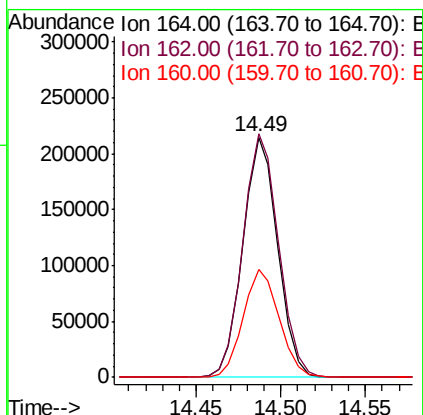
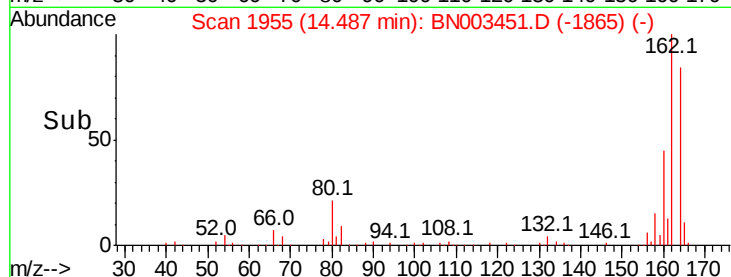
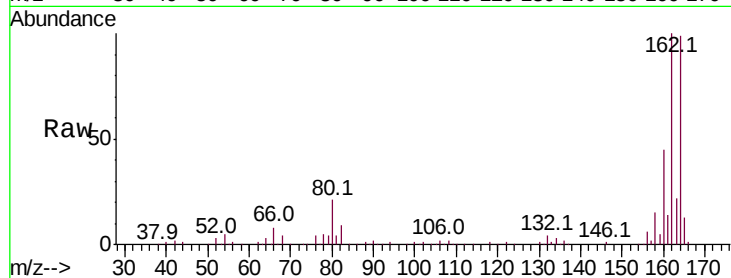
Tot Ion:164 Resp: 307861

Ion Ratio Lower Upper

164 100

162 101.3 80.8 121.2

160 45.1 35.5 53.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.246 ng

RT: 12.67 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BN003451.D

Acq: 07 Nov 2018 14:50

Tgt Ion:216 Resp: 440437

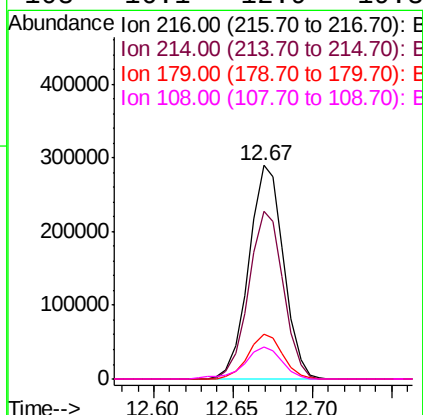
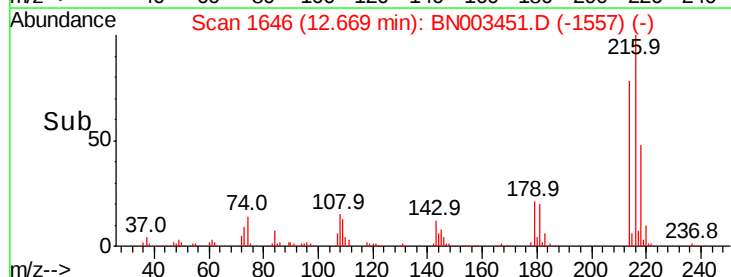
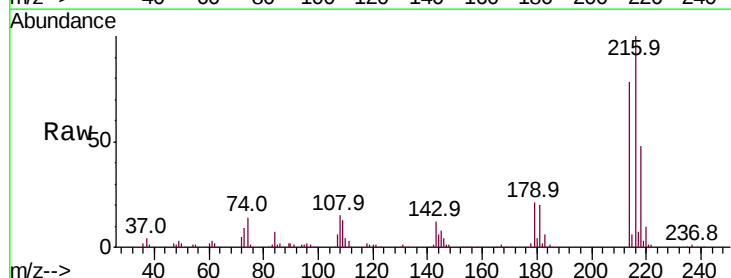
Ion Ratio Lower Upper

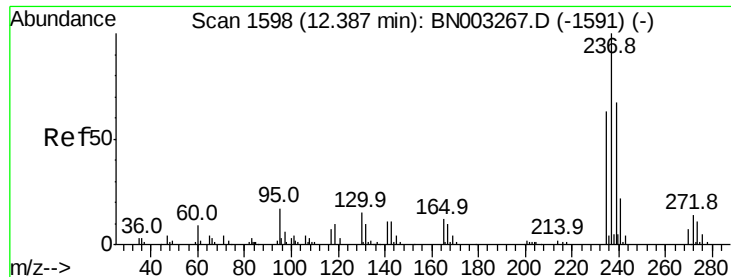
216 100

214 78.2 62.8 94.2

179 20.7 16.0 24.0

108 16.1 12.9 19.3





#41

Hexachlorocyclopentadiene

Concen: 49.105 ng

RT: 12.64 min Scan# 1641

Delta R.T. 0.00 min

Lab File: BN003451.D

Acq: 07 Nov 2018 14:50

Instrument :

BNA_N

ClientSampleId :

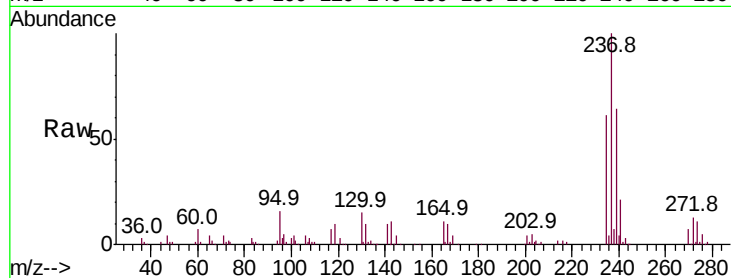
Tot Ion:237 Resp: 199712

Ion Ratio Lower Upper

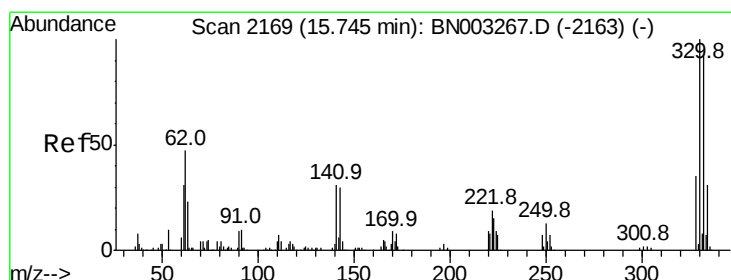
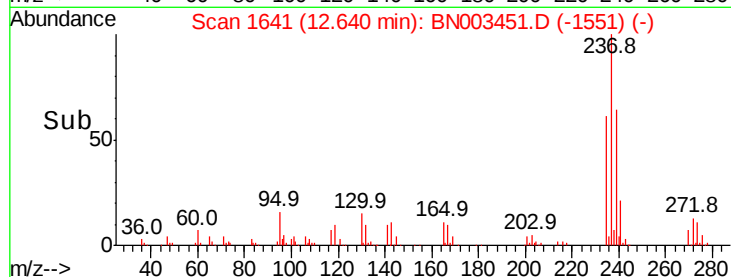
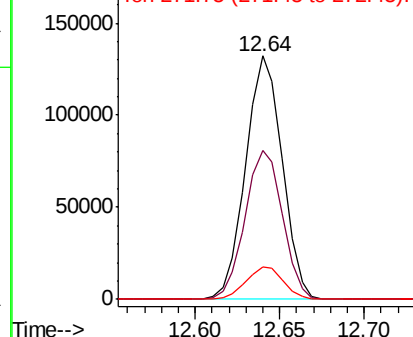
237 100

235 61.4 42.8 82.8

272 13.5 0.0 33.5



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: 92.818 ng

RT: 15.98 min Scan# 2209

Delta R.T. 0.00 min

Lab File: BN003451.D

Acq: 07 Nov 2018 14:50

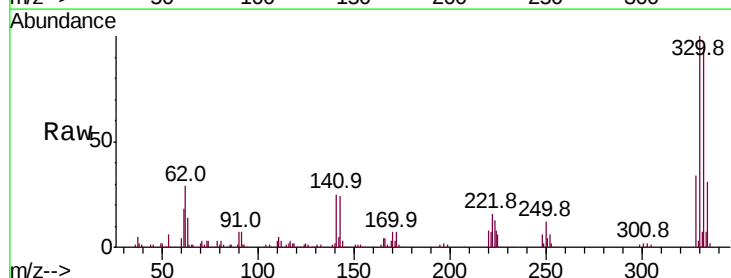
Tgt Ion:330 Resp: 384774

Ion Ratio Lower Upper

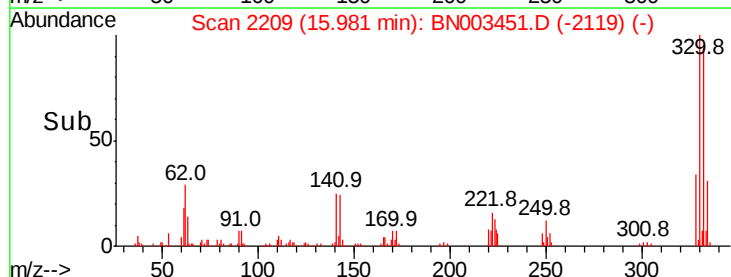
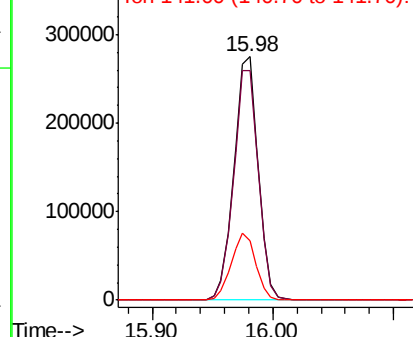
330 100

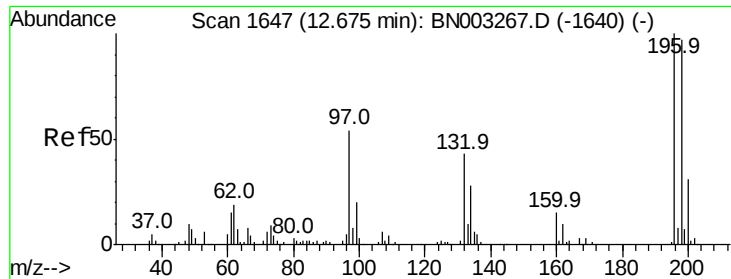
332 96.4 76.6 114.8

141 27.6 24.5 36.7



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

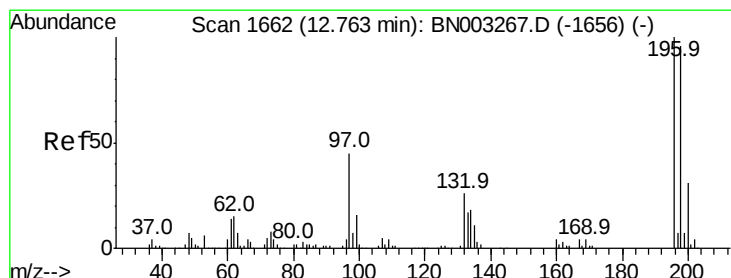
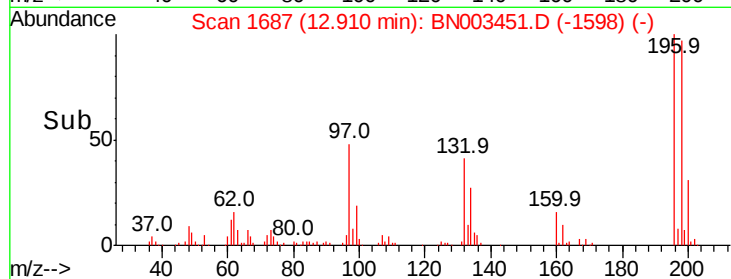
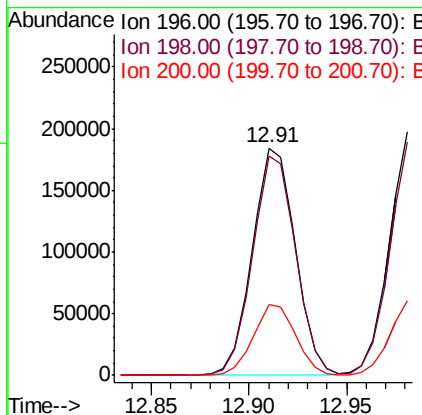
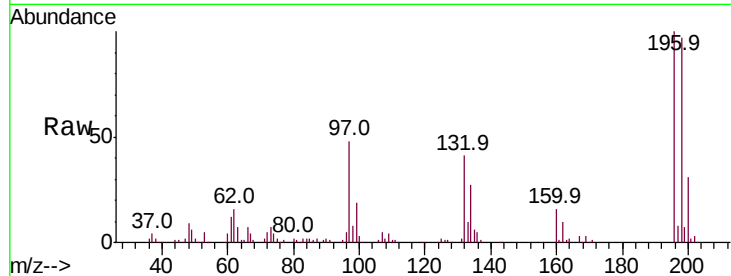




#43
 2,4,6-Trichlorophenol
 Concen: 43.696 ng
 RT: 12.91 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BN003451.D
 Acq: 07 Nov 2018 14:50

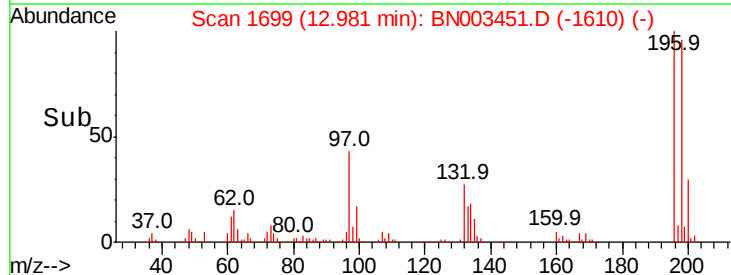
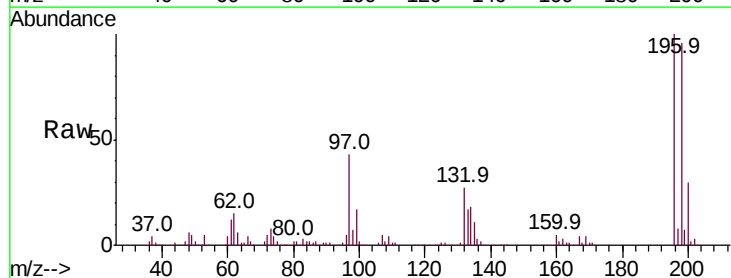
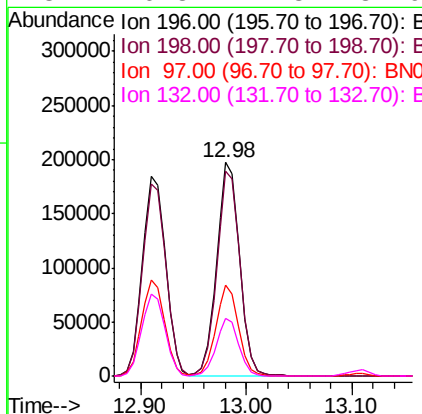
Instrument :
 BNA_N
 ClientSampleId :

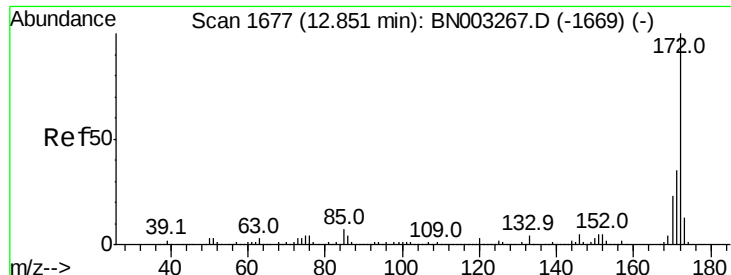
Tot Ion	196	Resp	281166
Ion Ratio	100	Lower	Upper
196	100		
198	96.5	77.4	116.0
200	30.9	25.0	37.6



#44
 2,4,5-Trichlorophenol
 Concen: 44.780 ng
 RT: 12.98 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BN003451.D
 Acq: 07 Nov 2018 14:50

Tgt Ion	196	Resp	300555
Ion Ratio	100	Lower	Upper
196	100		
198	95.8	76.8	115.2
97	42.9	35.8	53.8
132	26.8	21.3	31.9



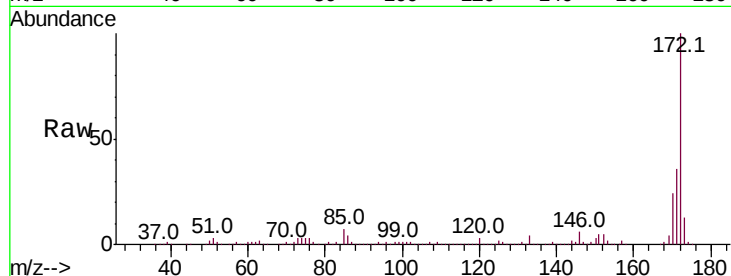


#45
 2-Fluorobiphenyl
 Concen: 79.441 ng
 RT: 13.11 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BN003451.D
 Acq: 07 Nov 2018 14:50

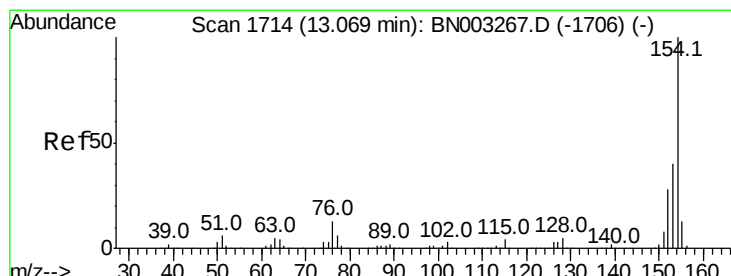
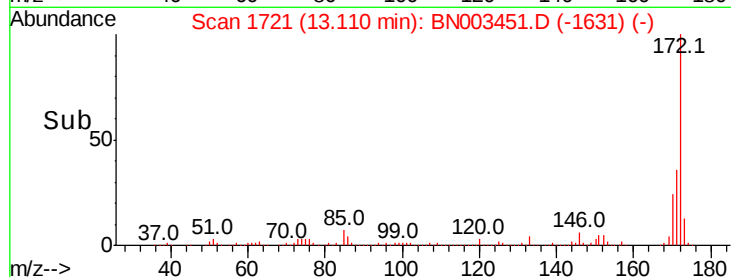
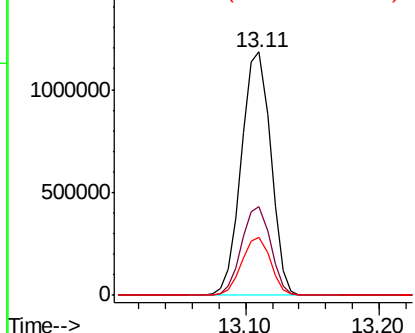
Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:172 Resp: 1803042

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.2	42.4
170	23.6	18.4	27.6



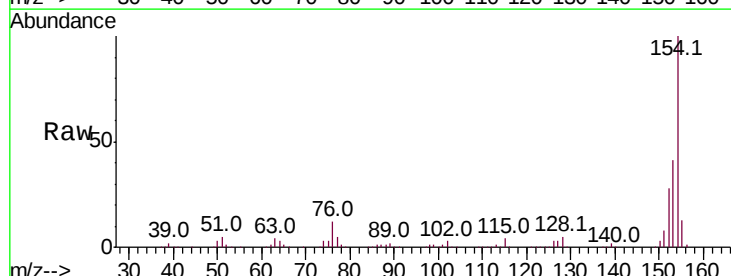
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



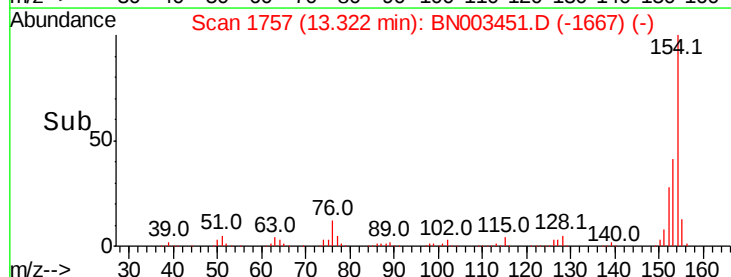
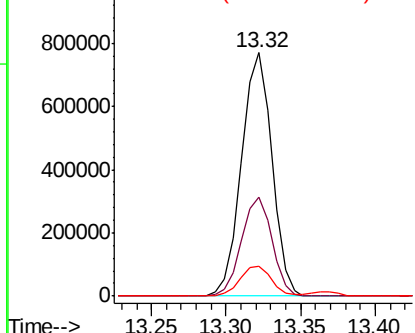
#46
 1,1'-Biphenyl
 Concen: 40.249 ng
 RT: 13.32 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: BN003451.D
 Acq: 07 Nov 2018 14:50

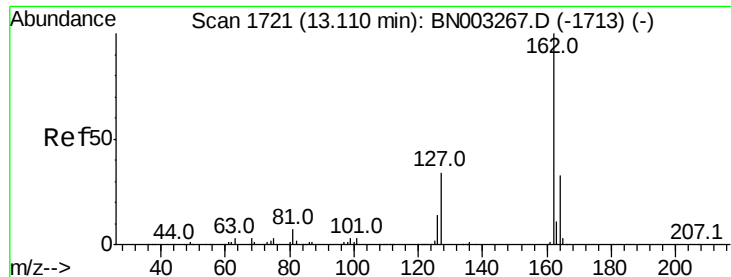
Tgt Ion:154 Resp: 1087540

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.5	60.5
76	12.4	0.0	33.3



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BNO

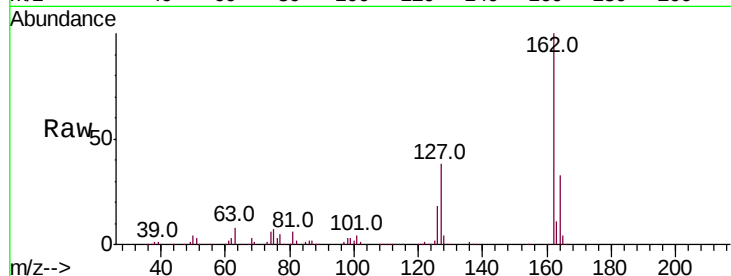




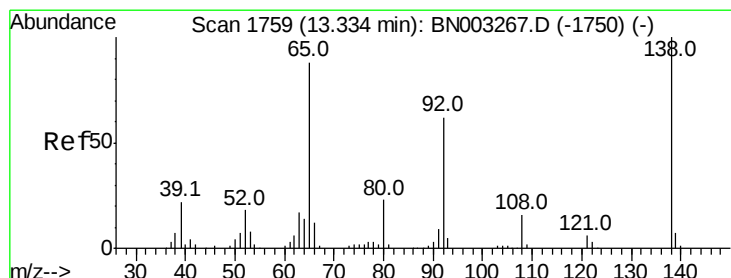
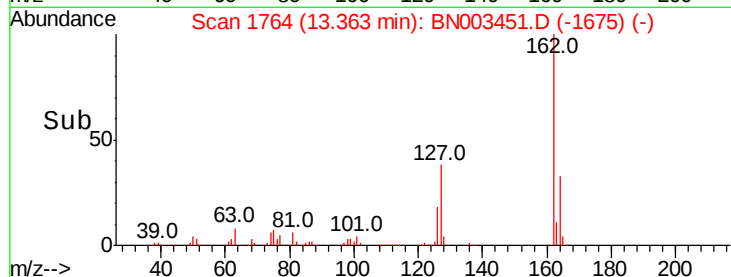
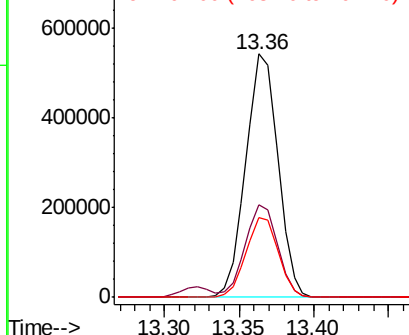
#47
2-Chloronaphthalene
Concen: 40.803 ng
RT: 13.36 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BN003451.D
Acq: 07 Nov 2018 14:50

Instrument :
BNA_N
ClientSampleId :

Tot Ion:162 Resp: 813231
Ion Ratio Lower Upper
162 100
127 38.1 29.8 44.6
164 32.9 26.3 39.5

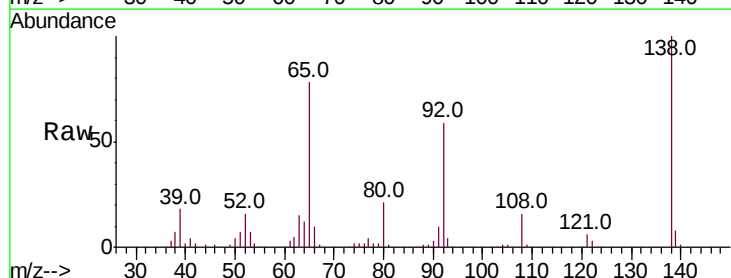


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

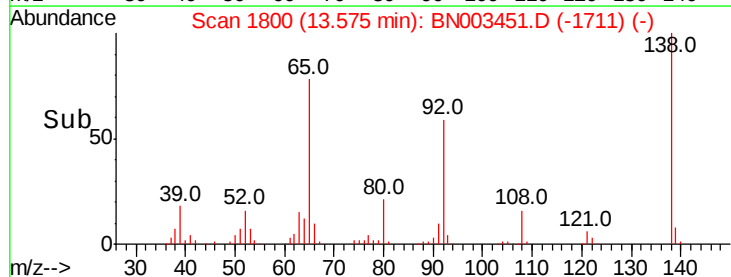
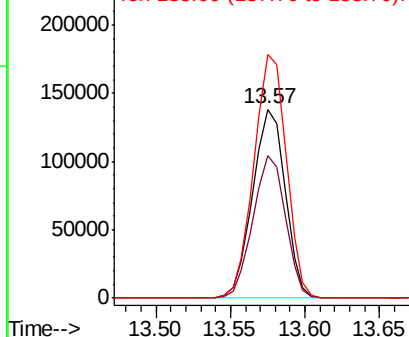


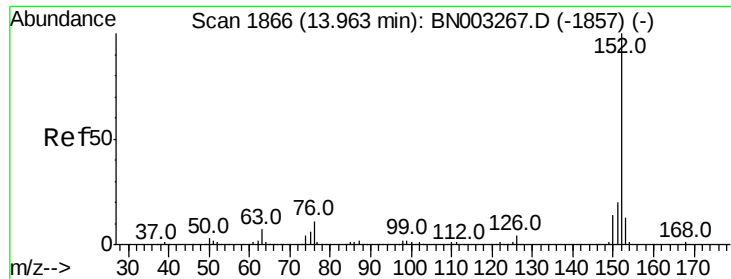
#48
2-Nitroaniline
Concen: 35.648 ng
RT: 13.57 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BN003451.D
Acq: 07 Nov 2018 14:50

Tgt Ion: 65 Resp: 208760
Ion Ratio Lower Upper
65 100
92 75.6 56.1 84.1
138 128.8 90.6 136.0



Abundance Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.165 ng

RT: 14.21 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BN003451.D

Acq: 07 Nov 2018 14:50

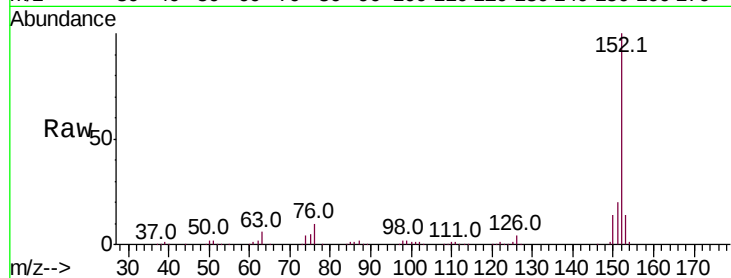
Instrument :

BNA_N

ClientSampleId :

Tot Ion:152 Resp: 1225315

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.8	23.6
153	13.6	10.3	15.5

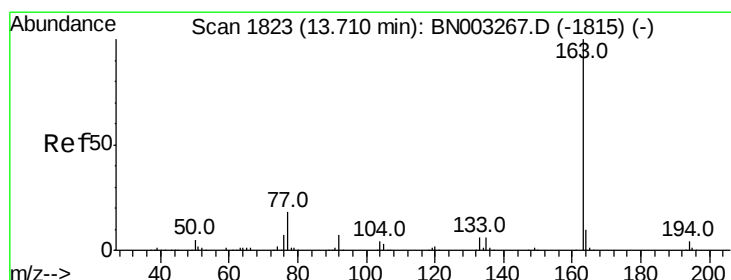
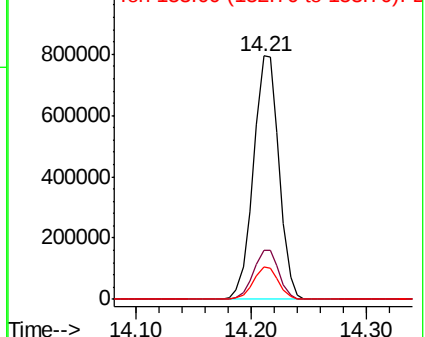
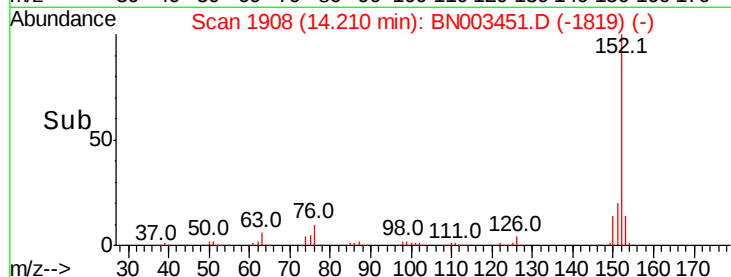


Abundance

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: 39.112 ng

RT: 13.95 min Scan# 1863

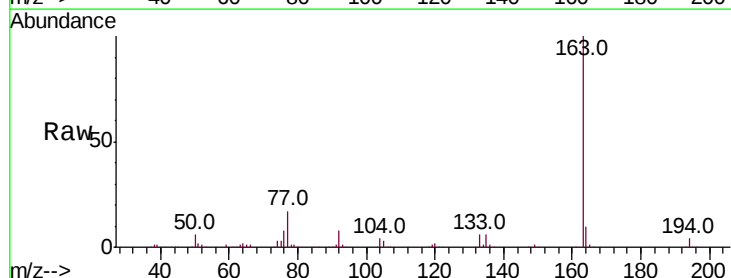
Delta R.T. -0.01 min

Lab File: BN003451.D

Acq: 07 Nov 2018 14:50

Tgt Ion:163 Resp: 973589

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.1	7.9	11.9

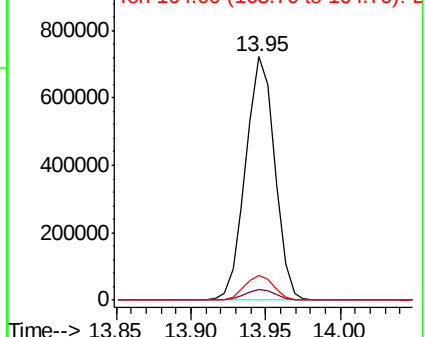
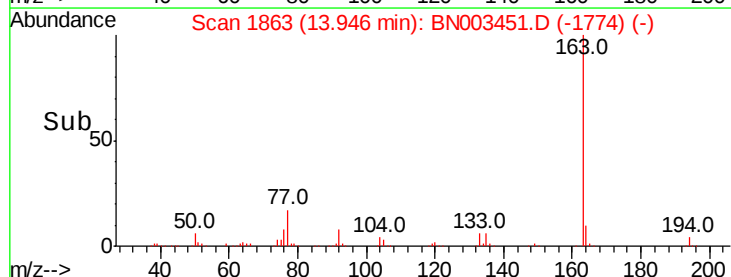


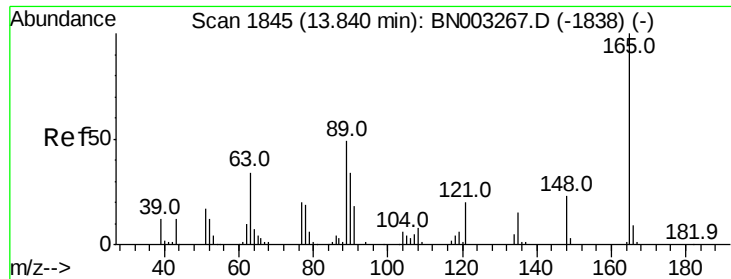
Abundance

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

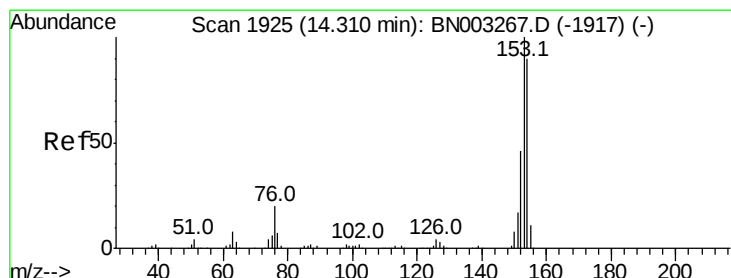
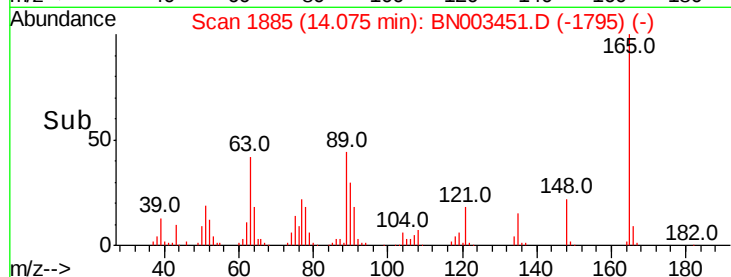
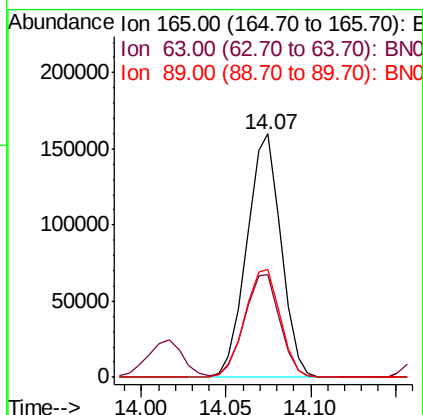
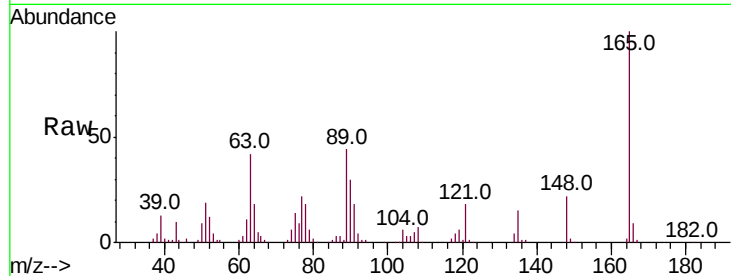




#51
 2,6-Dinitrotoluene
 Concen: 39.816 ng
 RT: 14.07 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: BN003451.D
 Acq: 07 Nov 2018 14:50

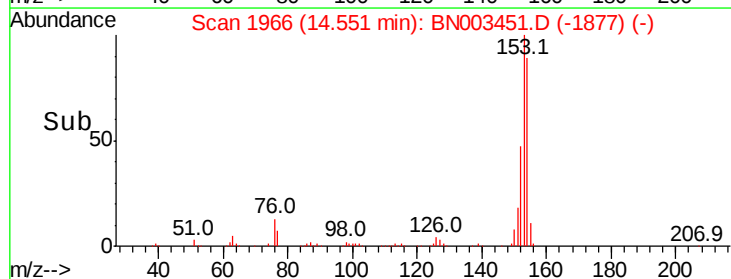
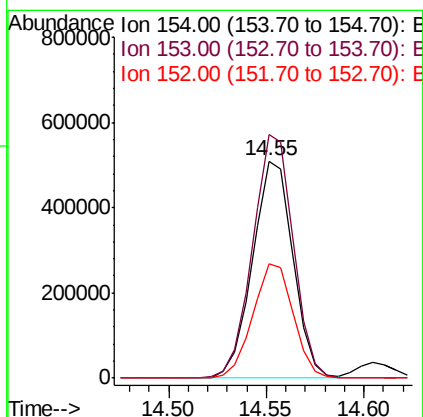
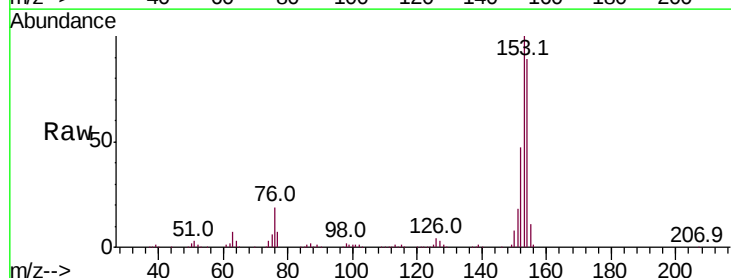
Instrument :
 BNA_N
 ClientSampleId :

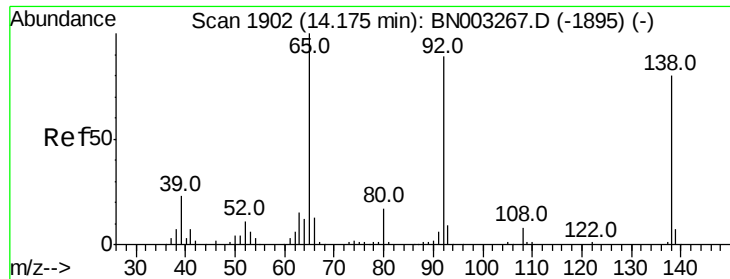
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.0	39.2	58.8
89	44.5	38.9	58.3



#52
 Acenaphthene
 Concen: 39.641 ng
 RT: 14.55 min Scan# 1966
 Delta R.T. -0.01 min
 Lab File: BN003451.D
 Acq: 07 Nov 2018 14:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.2	89.3	133.9
152	52.7	41.2	61.8





#53

3-Nitroaniline

Concen: 40.986 ng

RT: 14.40 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BN003451.D

Acq: 07 Nov 2018 14:50

Instrument :

BNA_N

ClientSampleId :

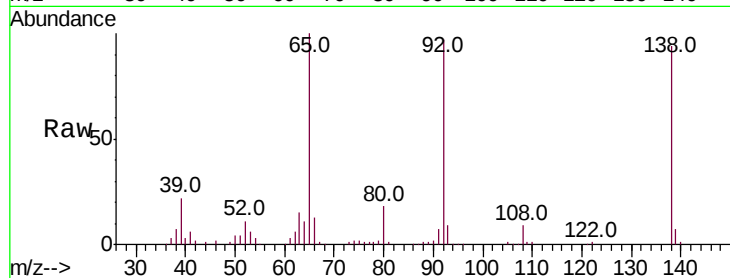
Tot Ion:138 Resp: 247535

Ion Ratio Lower Upper

138 100

108 9.9 8.4 12.6

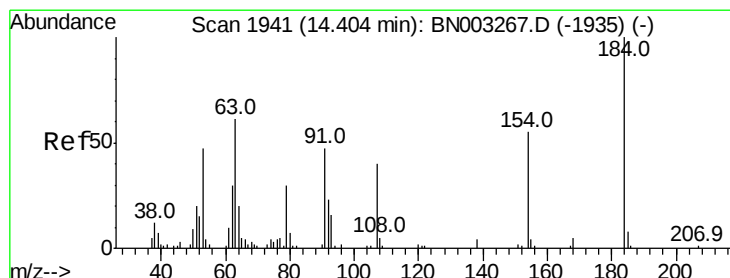
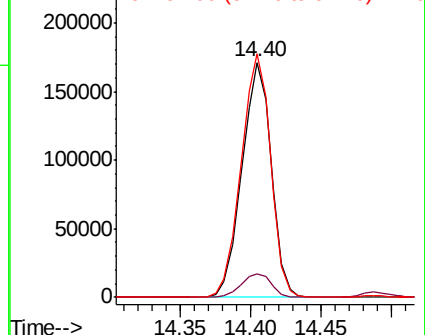
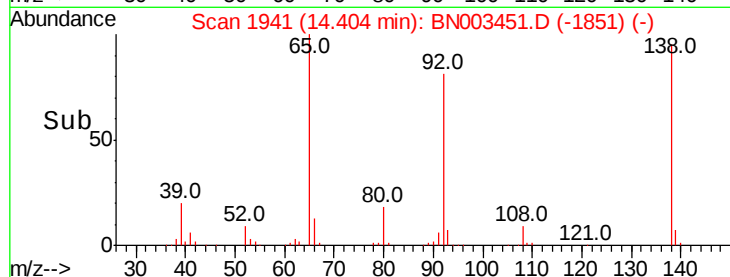
92 103.5 89.6 134.4



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: 32.630 ng

RT: 14.60 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BN003451.D

Acq: 07 Nov 2018 14:50

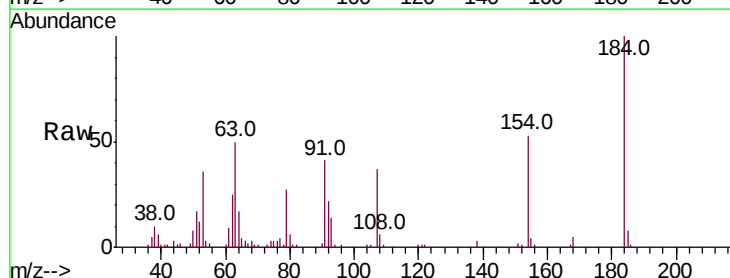
Tgt Ion:184 Resp: 92532

Ion Ratio Lower Upper

184 100

63 50.0 49.0 73.4

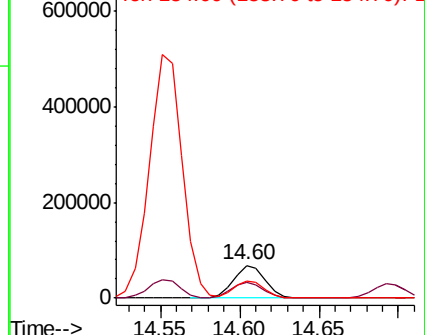
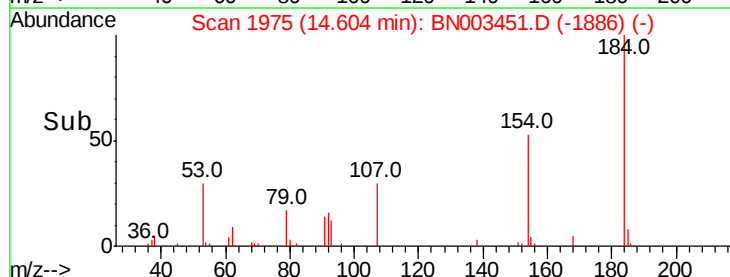
154 53.4 44.2 66.2

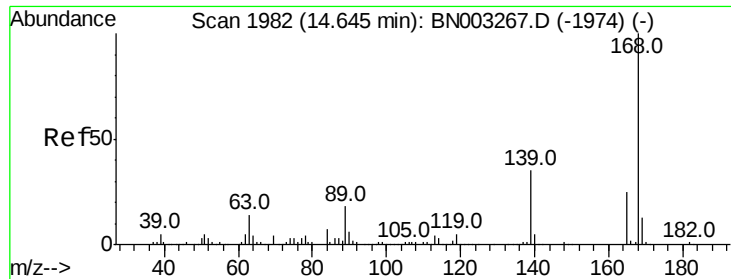


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BNO

Ion 154.00 (153.70 to 154.70): E

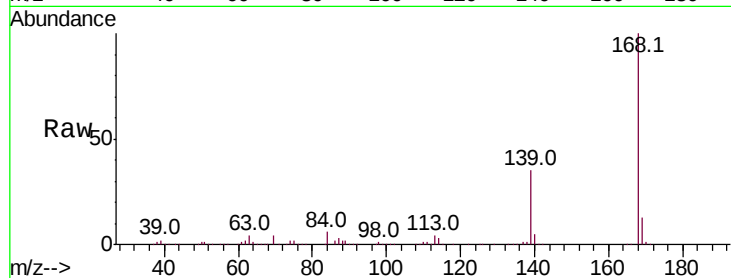




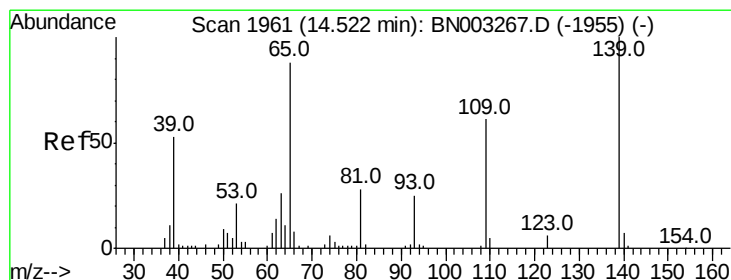
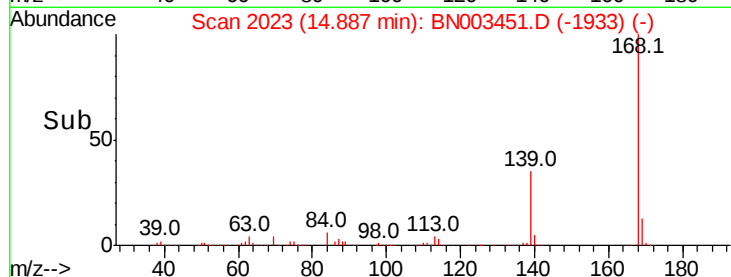
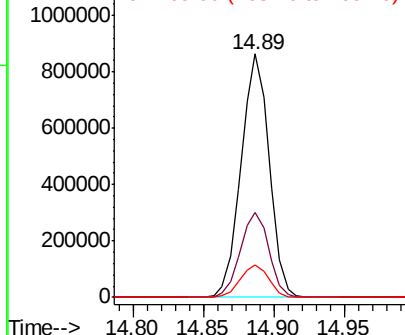
#55
Dibenzenofuran
Concen: 39.951 ng
RT: 14.89 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BN003451.D
Acq: 07 Nov 2018 14:50

Instrument :
BNA_N
ClientSampled :

Tot Ion:168 Resp: 1201392
Ion Ratio Lower Upper
168 100
139 35.1 28.5 42.7
169 13.3 10.3 15.5

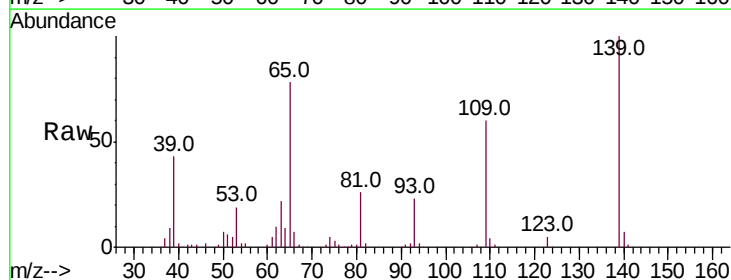


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

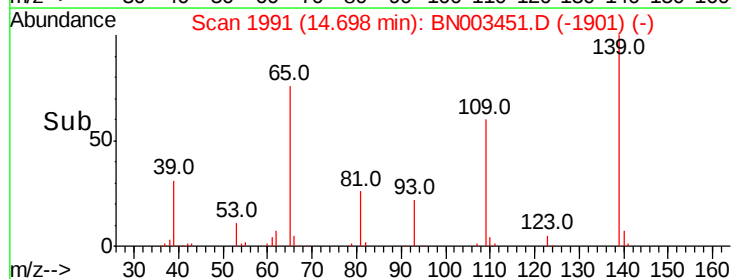
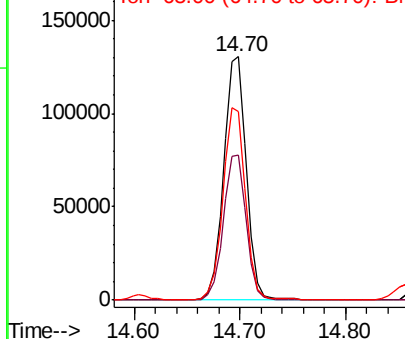


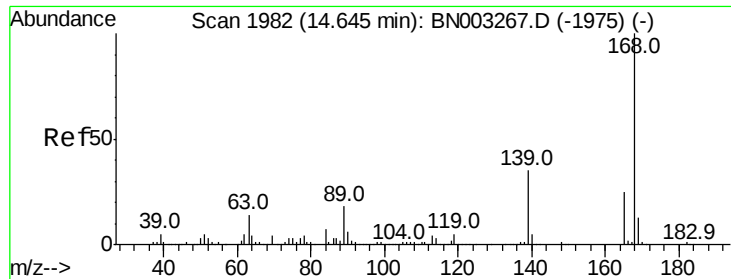
#56
4-Nitrophenol
Concen: 46.604 ng
RT: 14.70 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BN003451.D
Acq: 07 Nov 2018 14:50

Tgt Ion:139 Resp: 192317
Ion Ratio Lower Upper
139 100
109 59.7 40.7 80.7
65 77.6 68.0 108.0



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

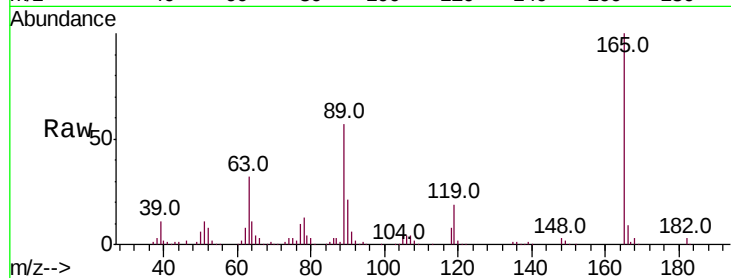




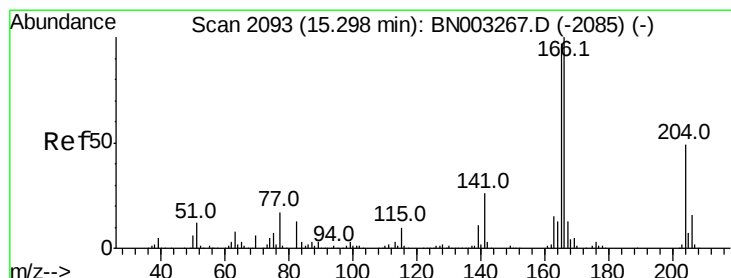
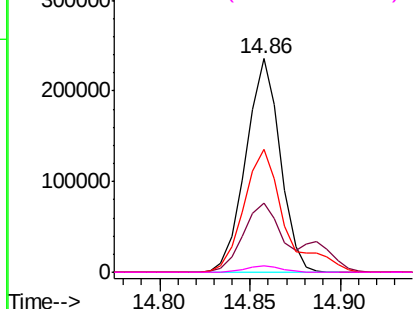
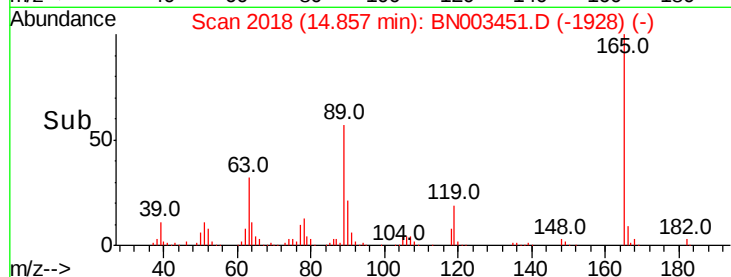
#57
 2,4-Dinitrotoluene
 Concen: 40.431 ng
 RT: 14.86 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BN003451.D
 Acq: 07 Nov 2018 14:50

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:165 Resp: 309723
 Ion Ratio Lower Upper
 165 100
 63 32.4 45.8 68.6#
 89 57.5 58.7 88.1#
 182 3.1 2.3 3.5

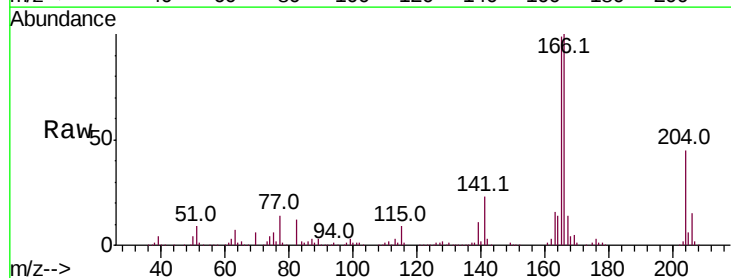


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC
 Ion 182.00 (181.70 to 182.70): E

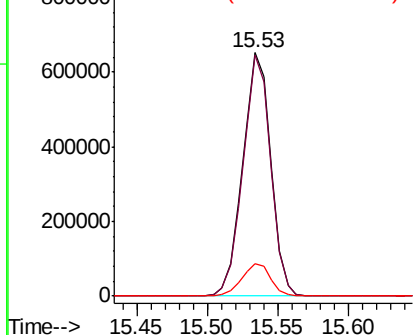
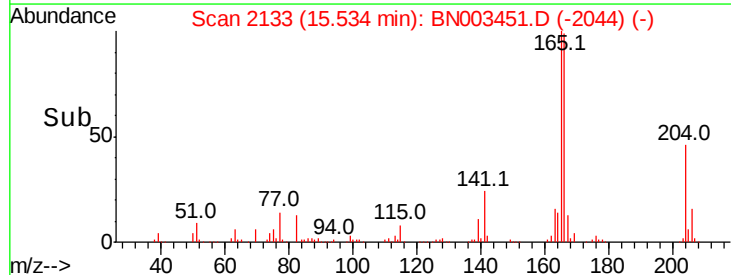


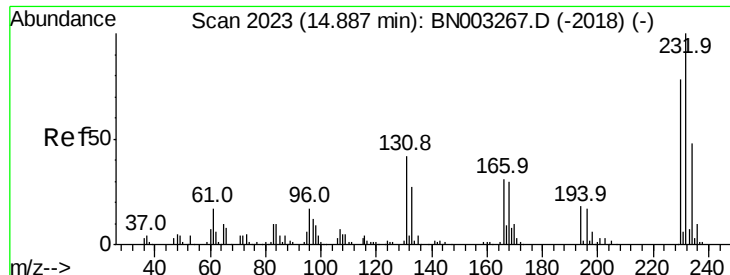
#58
 Fluorene
 Concen: 38.966 ng
 RT: 15.53 min Scan# 2133
 Delta R.T. -0.01 min
 Lab File: BN003451.D
 Acq: 07 Nov 2018 14:50

Tgt Ion:166 Resp: 904221
 Ion Ratio Lower Upper
 166 100
 165 98.9 77.6 116.4
 167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

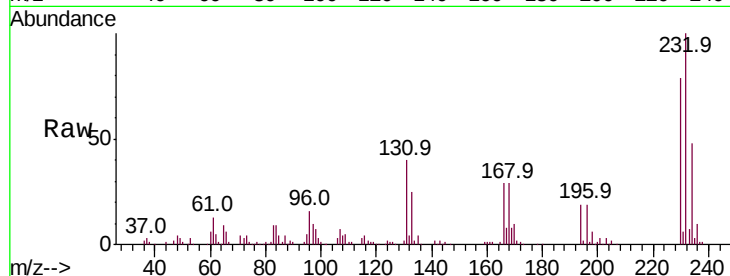




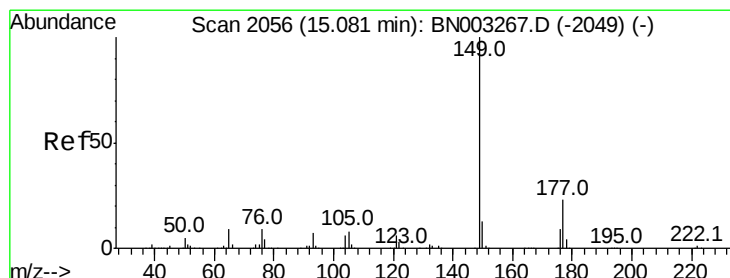
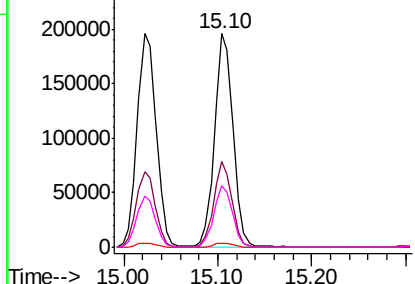
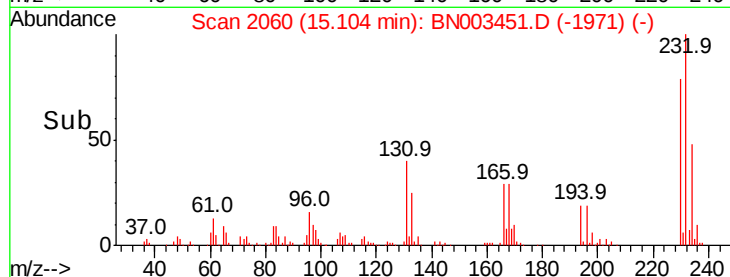
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.253 ng
 RT: 15.10 min Scan# 2060
 Delta R.T. -0.01 min
 Lab File: BN003451.D
 Acq: 07 Nov 2018 14:50

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:232	Resp:	272607
Ion Ratio	Lower	Upper
232	100	
131	39.6	33.7 50.5
130	1.9	1.6 2.4
166	28.9	24.3 36.5

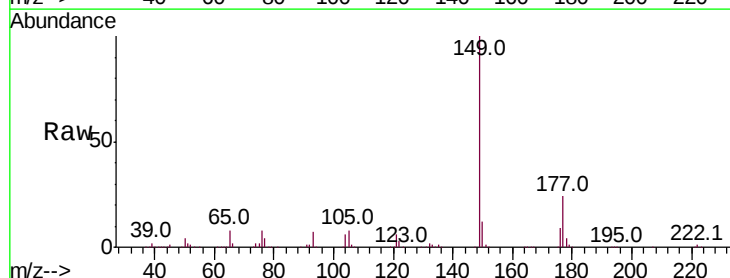


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

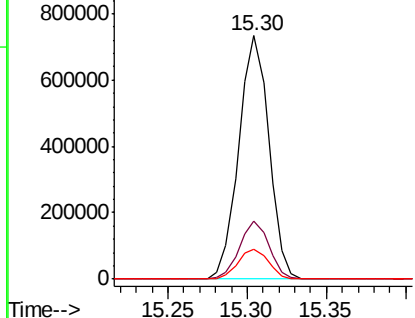
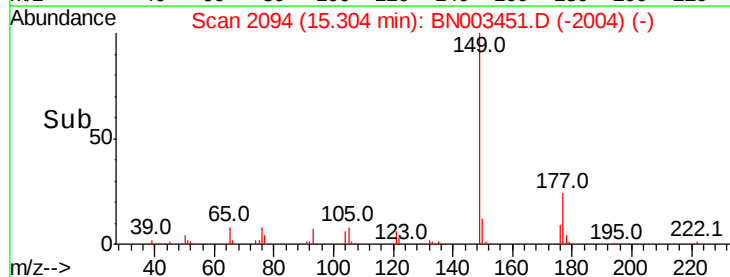


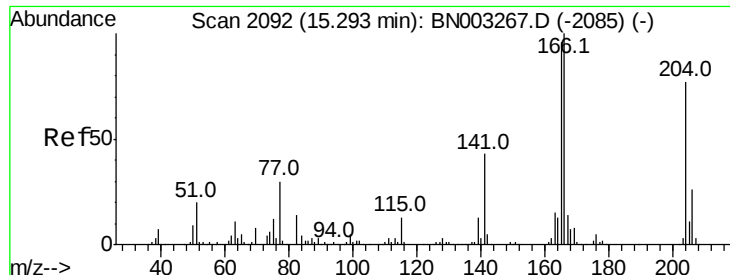
#60
 Diethylphthalate
 Concen: 38.366 ng
 RT: 15.30 min Scan# 2094
 Delta R.T. 0.00 min
 Lab File: BN003451.D
 Acq: 07 Nov 2018 14:50

Tgt Ion:149	Resp:	969136
Ion Ratio	Lower	Upper
149	100	
177	23.6	18.6 28.0
150	12.4	10.0 15.0



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

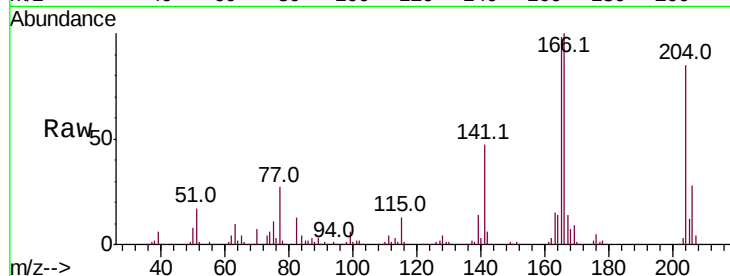




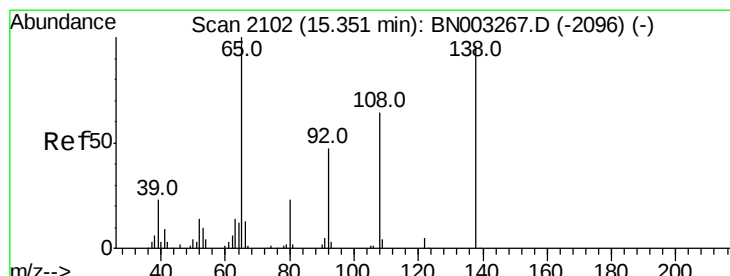
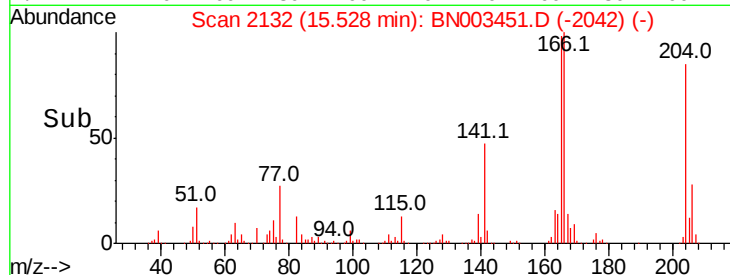
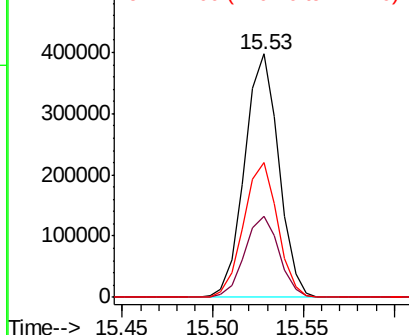
#61
 4-Chlorophenyl-phenylether
 Concen: 40.500 ng
 RT: 15.53 min Scan# 2132
 Delta R.T. 0.00 min
 Lab File: BN003451.D
 Acq: 07 Nov 2018 14:50

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:204 Resp: 522145
 Ion Ratio Lower Upper
 204 100
 206 33.3 26.6 39.8
 141 55.4 44.6 67.0

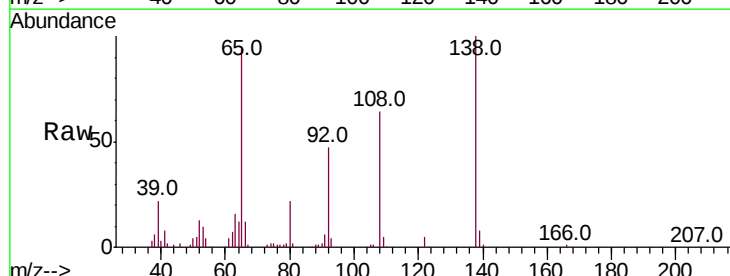


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

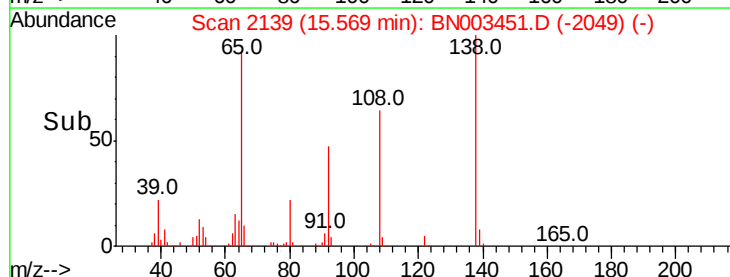
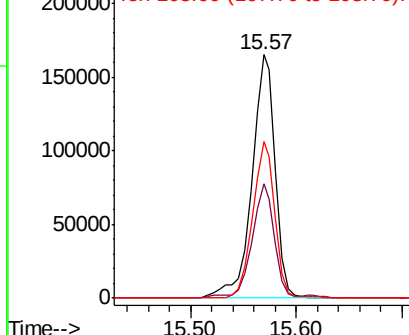


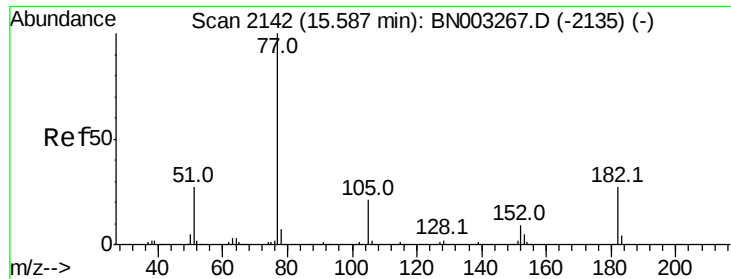
#62
 4-Nitroaniline
 Concen: 43.151 ng
 RT: 15.57 min Scan# 2139
 Delta R.T. 0.00 min
 Lab File: BN003451.D
 Acq: 07 Nov 2018 14:50

Tgt Ion:138 Resp: 254608
 Ion Ratio Lower Upper
 138 100
 92 47.0 27.9 67.9
 108 64.3 46.3 86.3



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

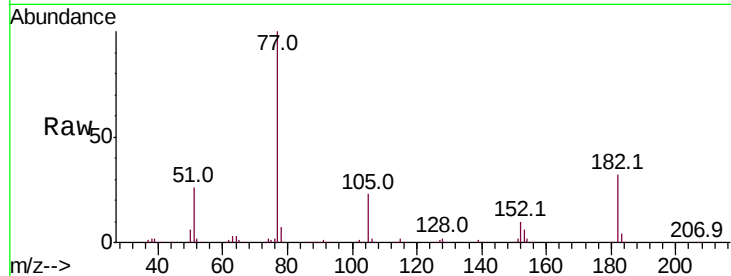




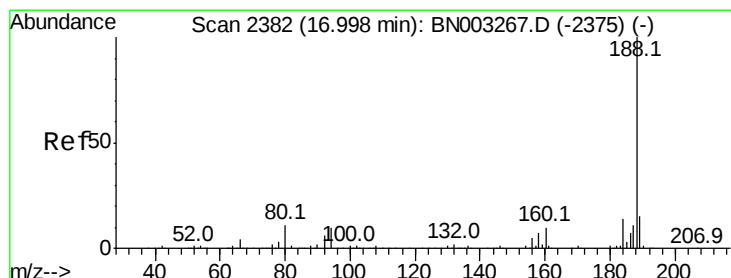
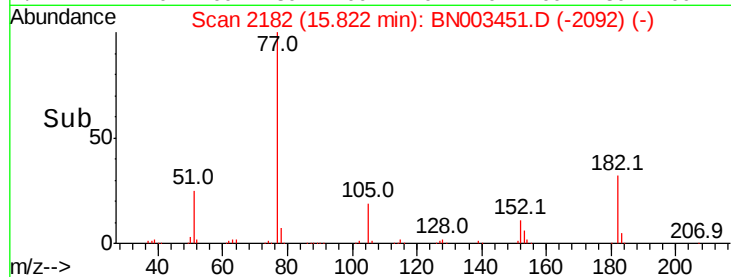
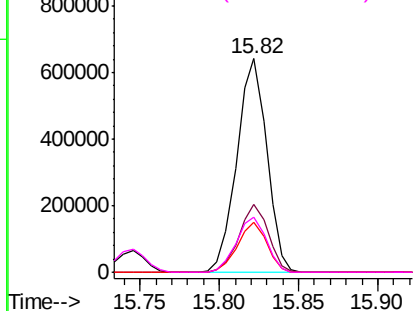
#63
Azobenzene
Concen: 36.021 ng
RT: 15.82 min Scan# 2182
Delta R.T. 0.00 min
Lab File: BN003451.D
Acq: 07 Nov 2018 14:50

Instrument :
BNA_N
ClientSampled :

Tot Ion: 77 Resp: 840918
Ion Ratio Lower Upper
77 100
182 31.7 6.5 46.5
105 23.2 1.0 41.0
51 25.9 7.0 47.0

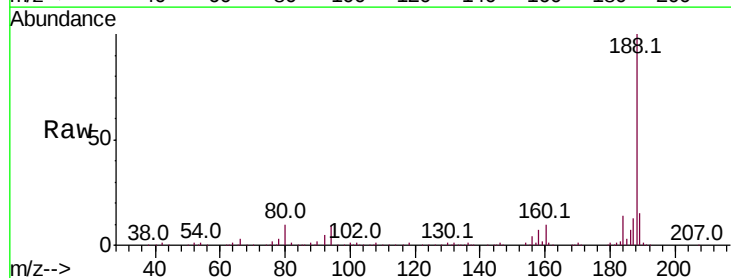


Abundance Ion 77.00 (76.70 to 77.70): BNC
Ion 182.00 (181.70 to 182.70): BNC
Ion 105.00 (104.70 to 105.70): BNC
Ion 51.00 (50.70 to 51.70): BNC

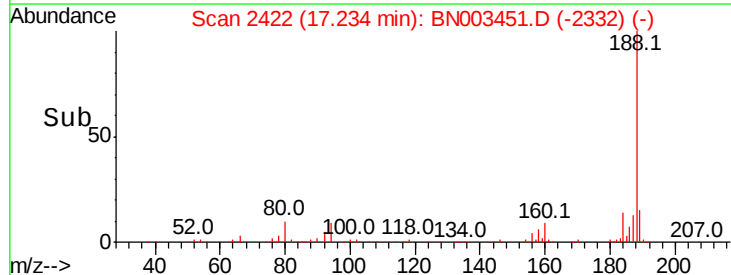
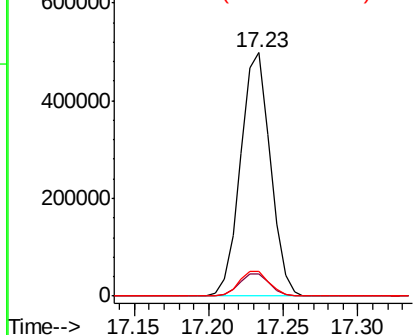


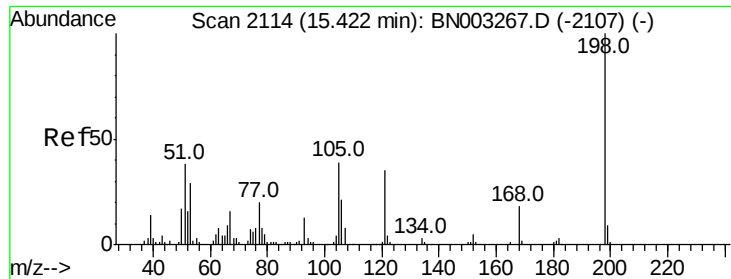
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.23 min Scan# 2422
Delta R.T. 0.00 min
Lab File: BN003451.D
Acq: 07 Nov 2018 14:50

Tgt Ion: 188 Resp: 691874
Ion Ratio Lower Upper
188 100
94 9.3 8.1 12.1
80 10.2 8.6 13.0



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

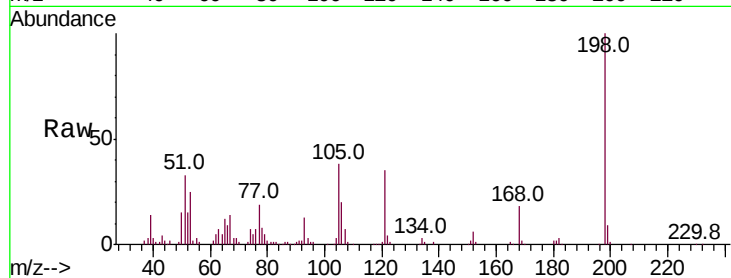




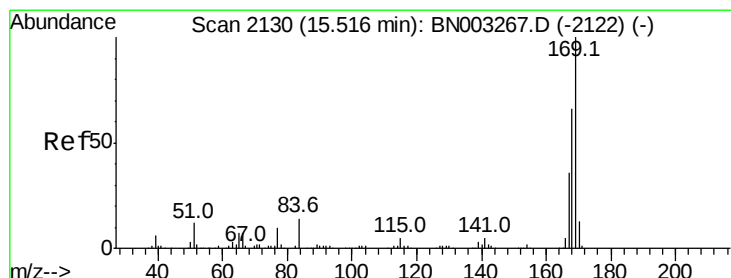
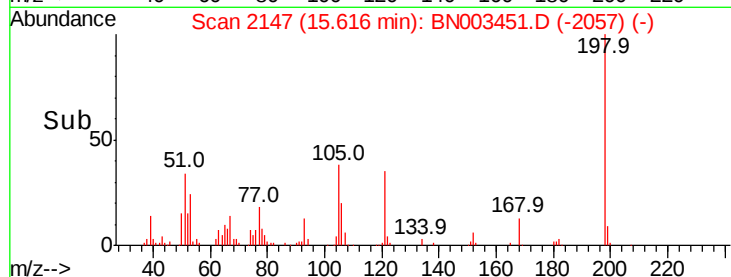
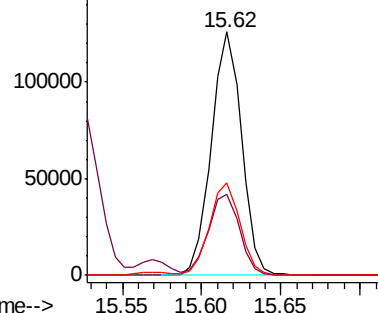
#65
4,6-Dinitro-2-methylphenol
Concen: 34.628 ng
RT: 15.62 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BN003451.D
Acq: 07 Nov 2018 14:50

Instrument :
BNA_N
ClientSampleId :

Tot Ion:198 Resp: 167171
Ion Ratio Lower Upper
198 100
51 33.2 19.2 59.2
105 37.8 18.9 58.9

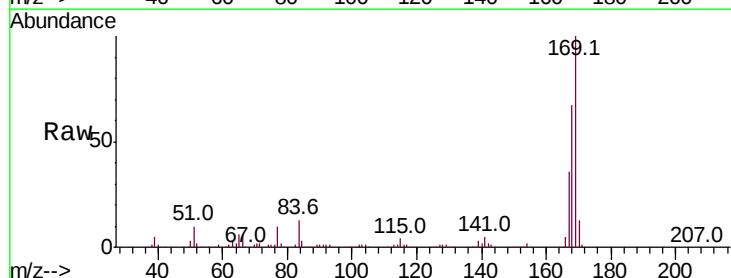


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BNO
Ion 105.00 (104.70 to 105.70): E

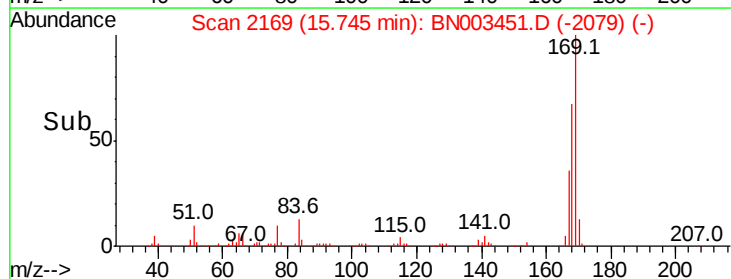
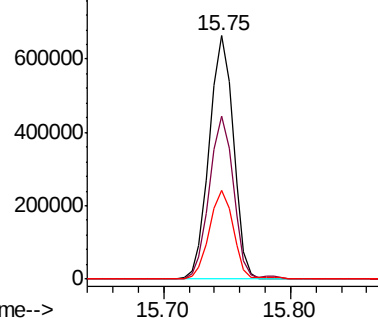


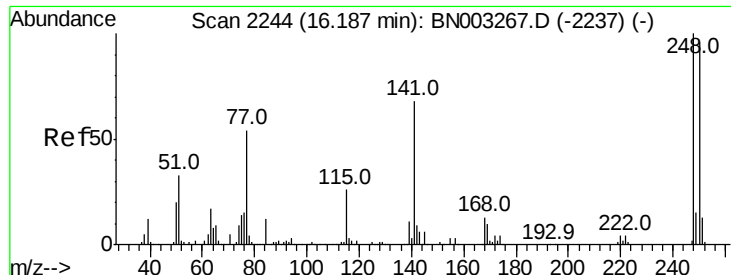
#66
n-Nitrosodiphenylamine
Concen: 40.239 ng
RT: 15.75 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BN003451.D
Acq: 07 Nov 2018 14:50

Tgt Ion:169 Resp: 871549
Ion Ratio Lower Upper
169 100
168 66.8 53.3 79.9
167 36.2 28.6 43.0



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

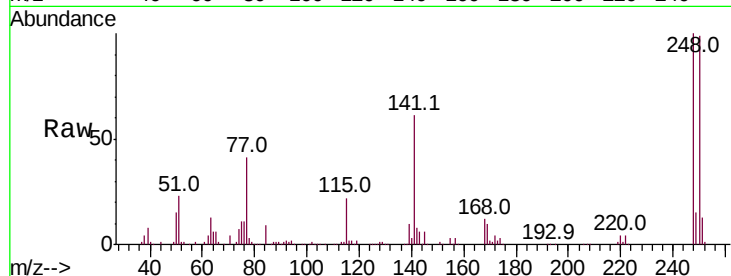




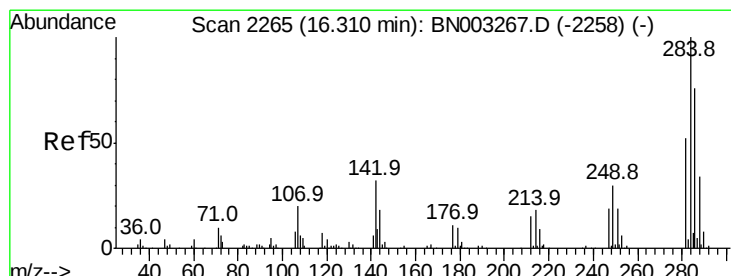
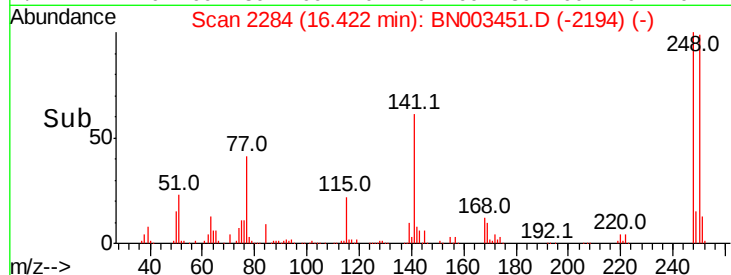
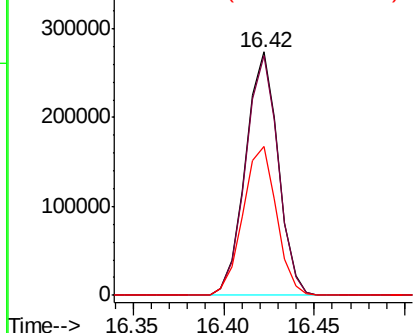
#67
 4-Bromophenyl-phenylether
 Concen: 43.982 ng
 RT: 16.42 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: BN003451.D
 Acq: 07 Nov 2018 14:50

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:248 Resp: 342718
 Ion Ratio Lower Upper
 248 100
 250 98.6 76.4 114.6
 141 61.3 54.2 81.4

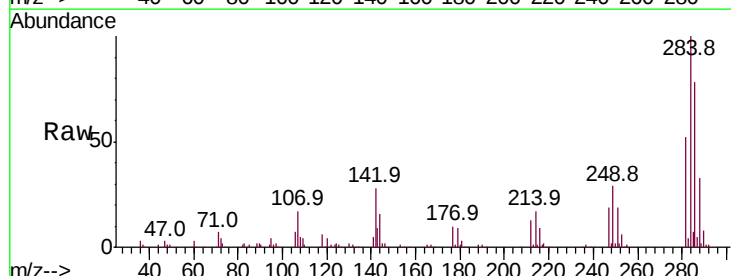


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

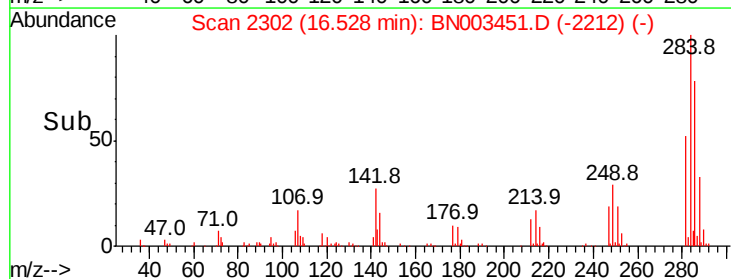
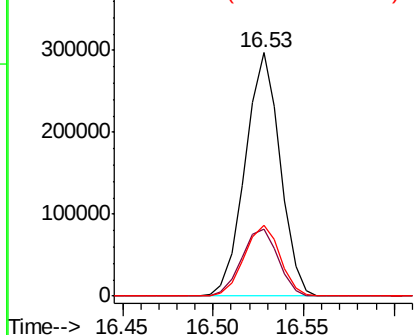


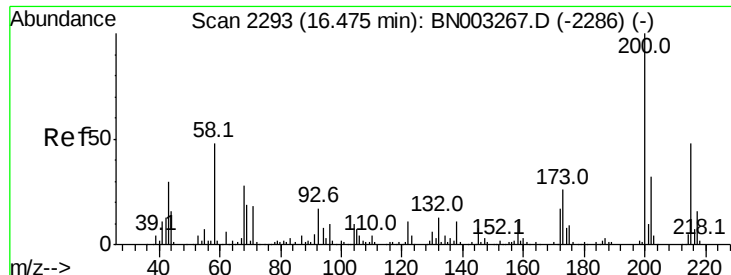
#68
 Hexachlorobenzene
 Concen: 44.886 ng
 RT: 16.53 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: BN003451.D
 Acq: 07 Nov 2018 14:50

Tgt Ion:284 Resp: 398448
 Ion Ratio Lower Upper
 284 100
 142 27.7 25.6 38.4
 249 29.2 23.6 35.4



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

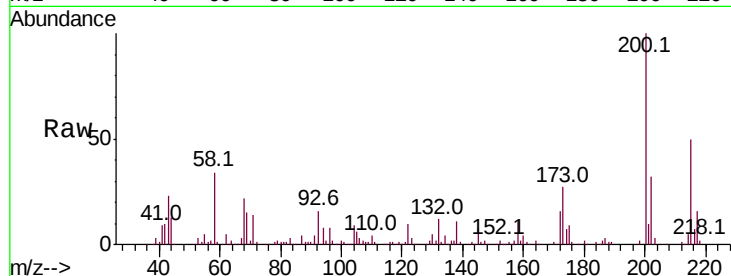




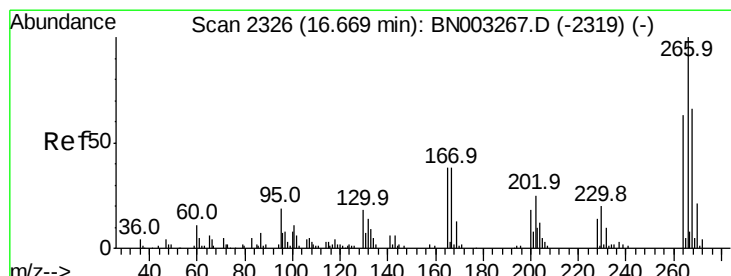
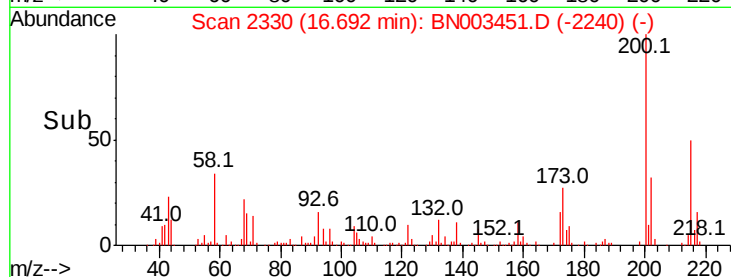
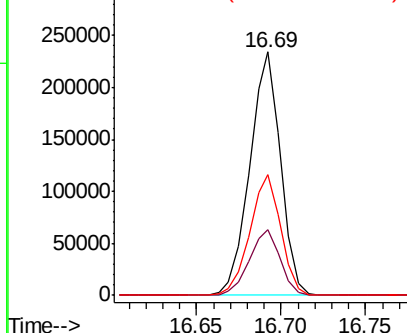
#69
Atrazine
Concen: 38.576 ng
RT: 16.69 min Scan# 2330
Delta R.T. 0.00 min
Lab File: BN003451.D
Acq: 07 Nov 2018 14:50

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	6.3	46.3
215	49.8	27.6	67.6

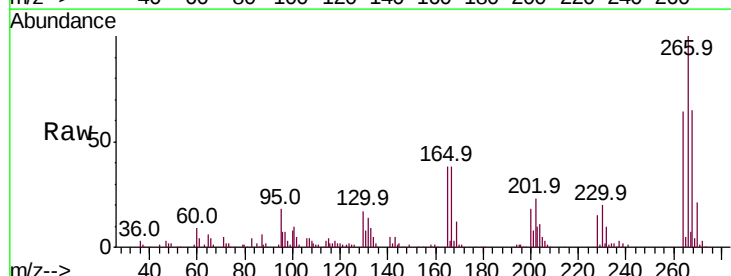


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

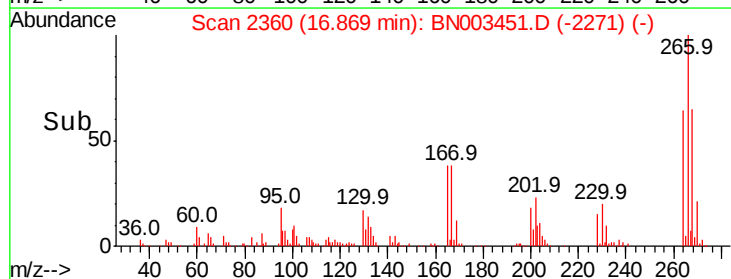
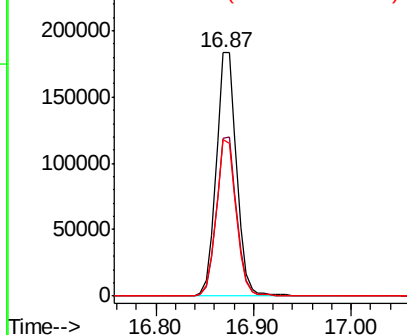


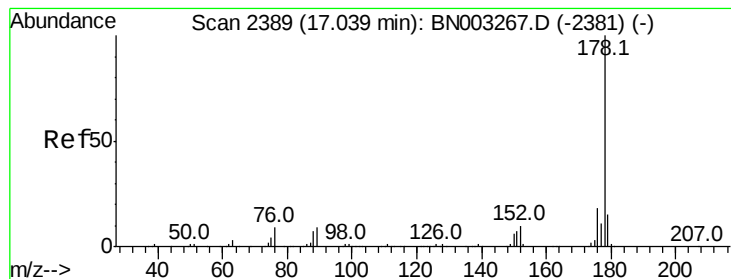
#70
Pentachlorophenol
Concen: 60.681 ng
RT: 16.87 min Scan# 2360
Delta R.T. -0.01 min
Lab File: BN003451.D
Acq: 07 Nov 2018 14:50

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.6	52.5	78.7
264	64.3	50.3	75.5



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: 39.576 ng

RT: 17.27 min Scan# 2429

Delta R.T. 0.00 min

Lab File: BN003451.D

Acq: 07 Nov 2018 14:50

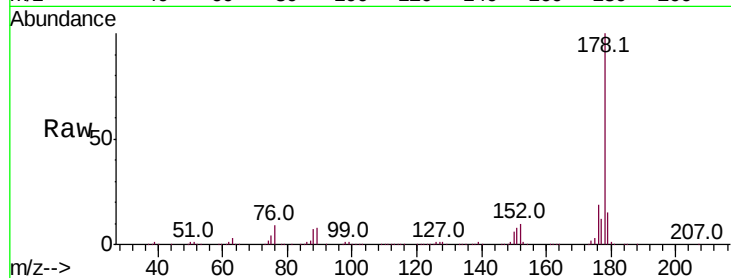
Instrument :

BNA_N

ClientSampled :

Tot Ion:178 Resp: 1439520

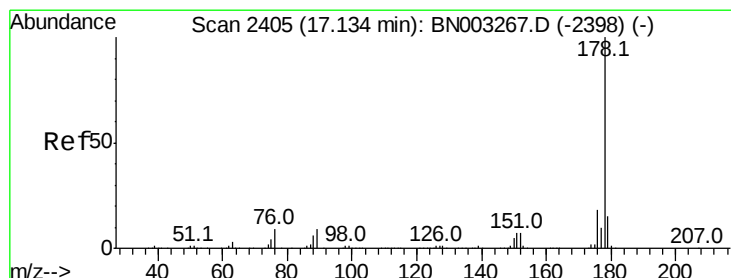
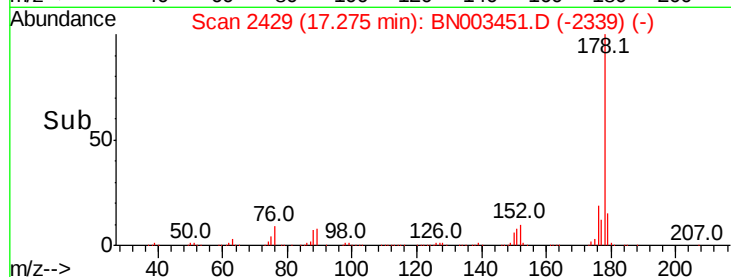
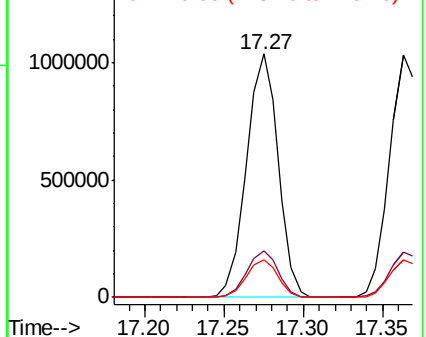
Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.4	21.6
179	15.5	12.2	18.4



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: 39.666 ng

RT: 17.36 min Scan# 2444

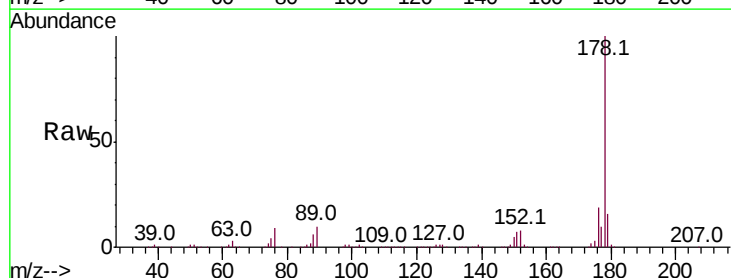
Delta R.T. -0.01 min

Lab File: BN003451.D

Acq: 07 Nov 2018 14:50

Tgt Ion:178 Resp: 1439720

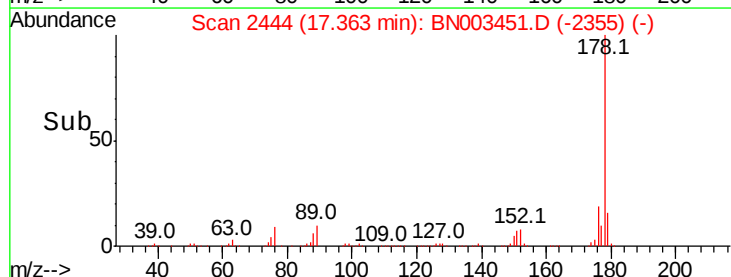
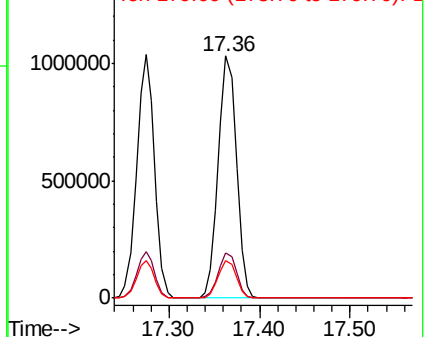
Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.3	21.5
179	15.8	12.1	18.1

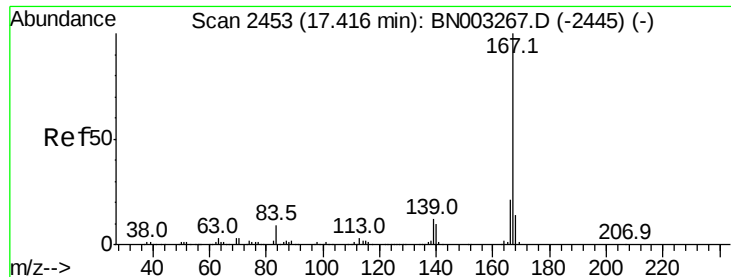


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 38.511 ng

RT: 17.64 min Scan# 2491

Delta R.T. 0.00 min

Lab File: BN003451.D

Acq: 07 Nov 2018 14:50

Instrument :

BNA_N

ClientSampled :

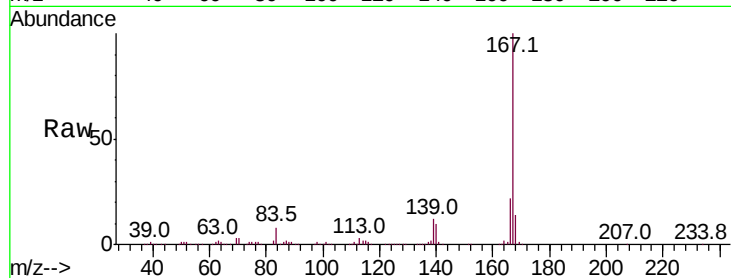
Tot Ion:167 Resp: 1447536

Ion Ratio Lower Upper

167 100

166 21.8 17.0 25.6

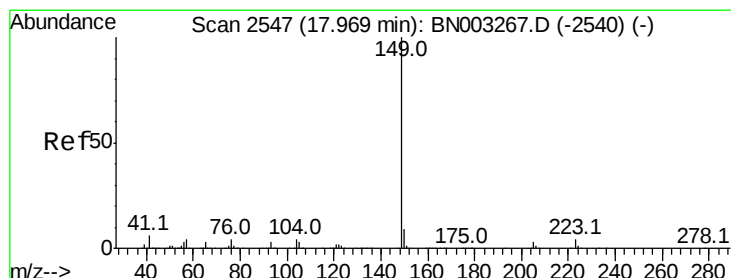
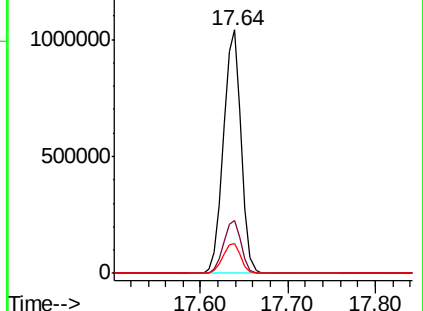
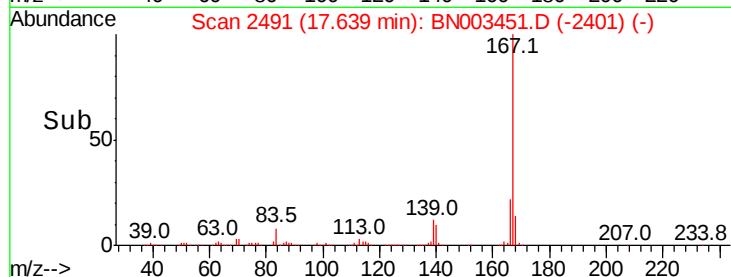
139 12.5 9.9 14.9



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: 37.720 ng

RT: 18.19 min Scan# 2584

Delta R.T. 0.00 min

Lab File: BN003451.D

Acq: 07 Nov 2018 14:50

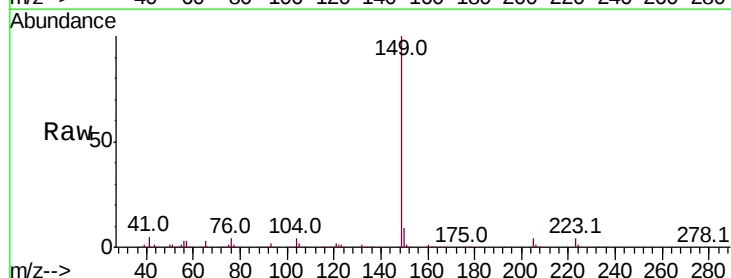
Tgt Ion:149 Resp: 1653868

Ion Ratio Lower Upper

149 100

150 9.2 7.2 10.8

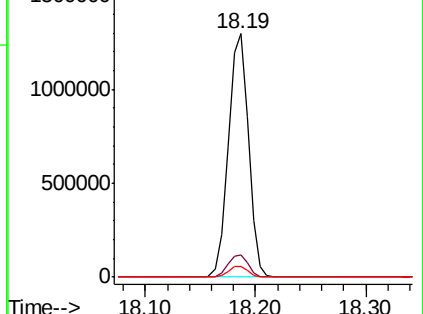
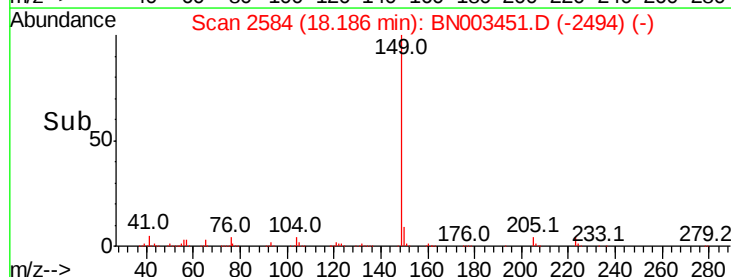
104 4.4 3.6 5.4

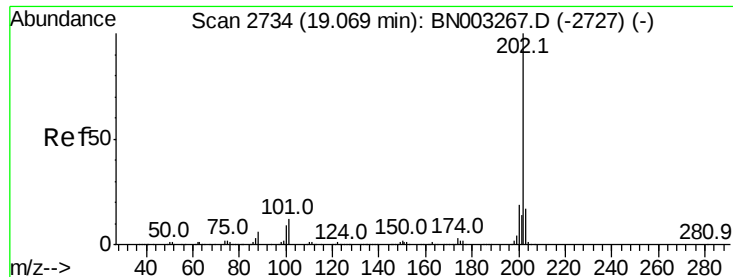


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 37.869 ng

RT: 19.29 min Scan# 2771

Delta R.T. 0.00 min

Lab File: BN003451.D

Acq: 07 Nov 2018 14:50

Instrument :

BNA_N

ClientSampleId :

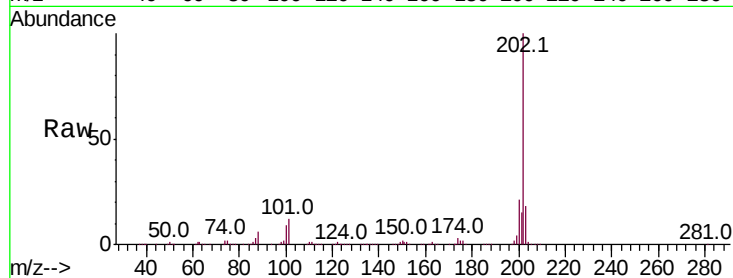
Tot Ion:202 Resp: 1622763

Ion Ratio Lower Upper

202 100

101 11.8 0.0 32.3

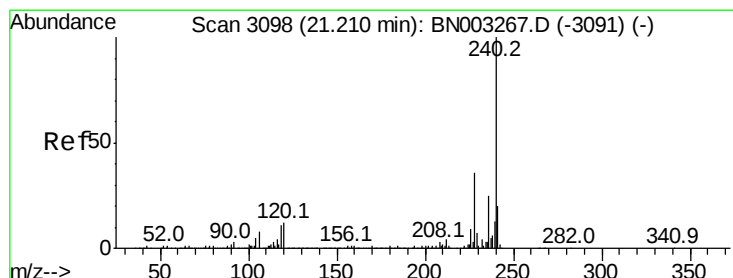
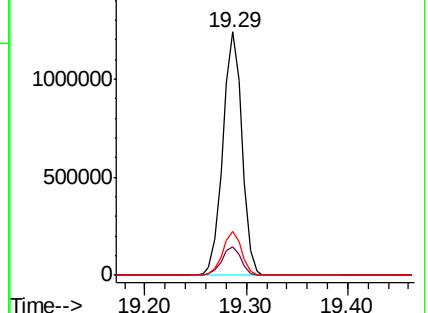
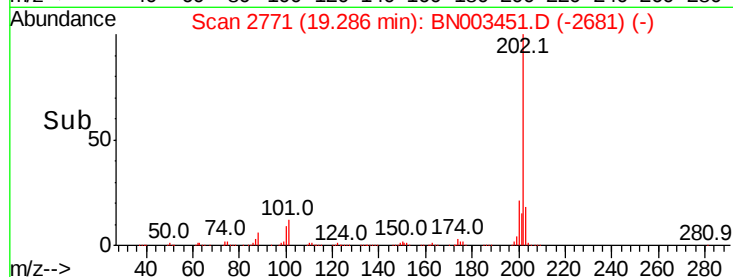
203 17.9 0.0 37.4



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: 21.41 min Scan# 3132

Delta R.T. 0.00 min

Lab File: BN003451.D

Acq: 07 Nov 2018 14:50

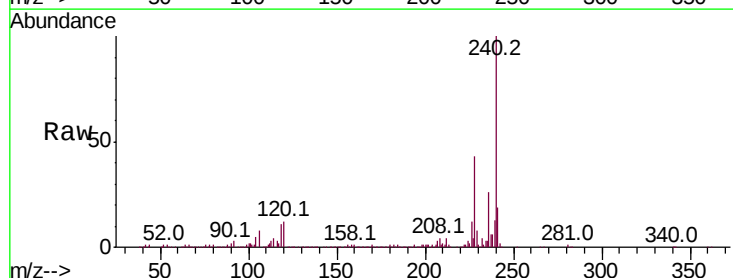
Tgt Ion:240 Resp: 628426

Ion Ratio Lower Upper

240 100

120 11.9 9.4 14.0

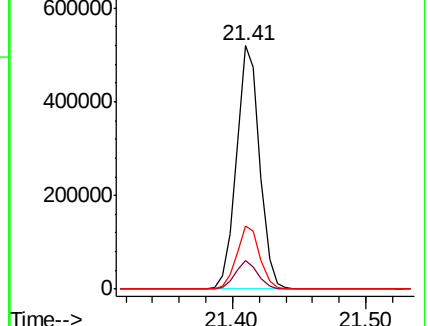
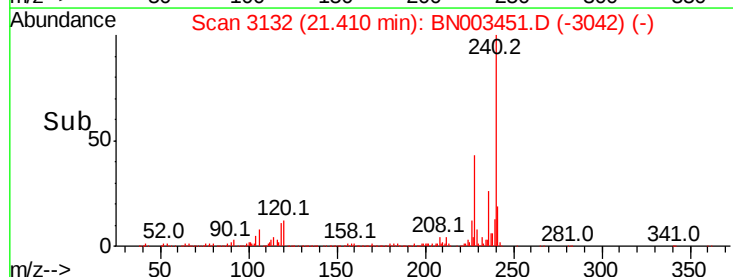
236 25.7 20.3 30.5

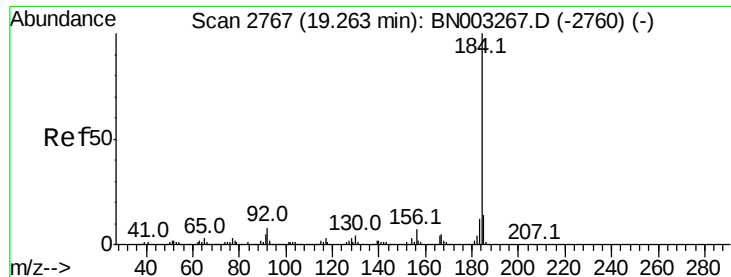


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.551 ng

RT: 19.47 min Scan# 2803

Delta R.T. 0.00 min

Lab File: BN003451.D

Acq: 07 Nov 2018 14:50

Instrument :

BNA_N

ClientSampleId :

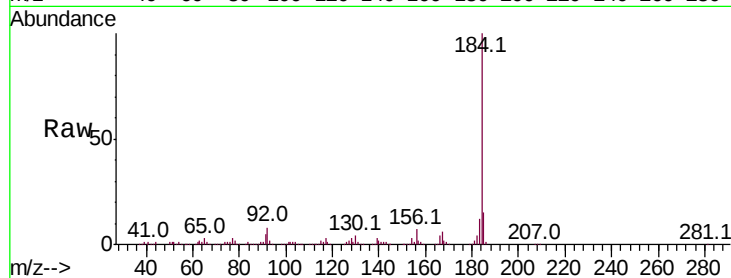
Tot Ion:184 Resp: 709246

Ion Ratio Lower Upper

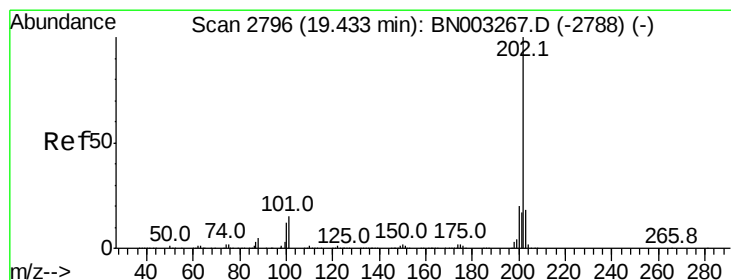
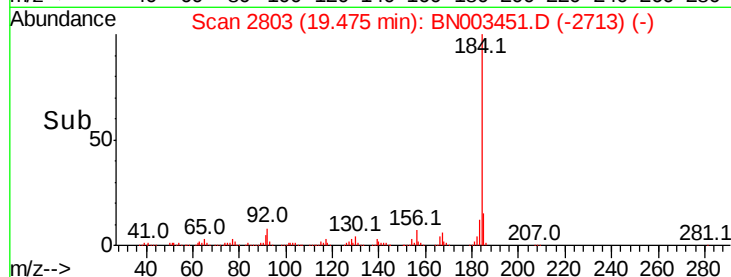
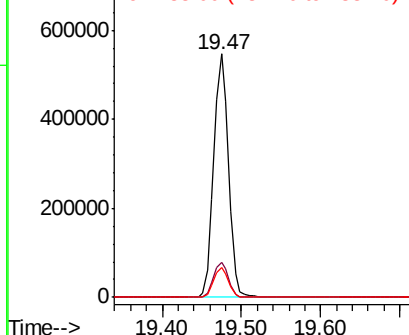
184 100

185 14.6 11.5 17.3

183 12.3 9.4 14.0



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: 45.145 ng

RT: 19.65 min Scan# 2833

Delta R.T. 0.00 min

Lab File: BN003451.D

Acq: 07 Nov 2018 14:50

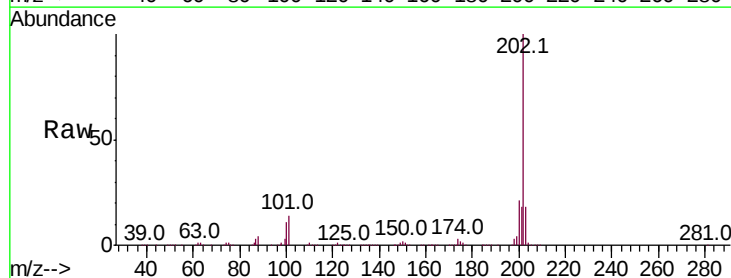
Tgt Ion:202 Resp: 1667408

Ion Ratio Lower Upper

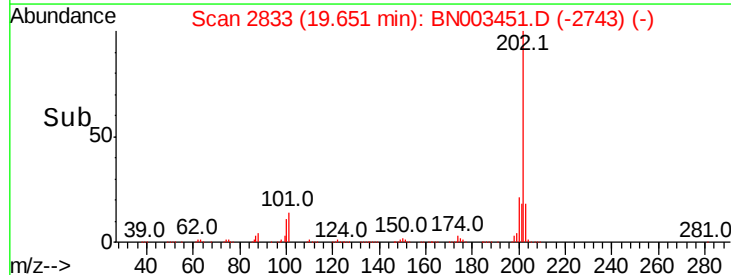
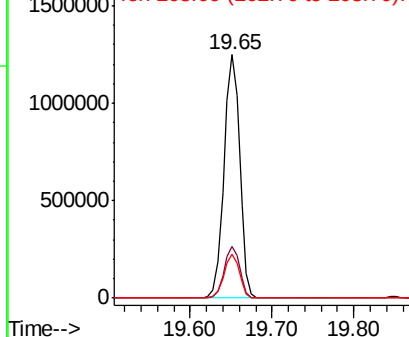
202 100

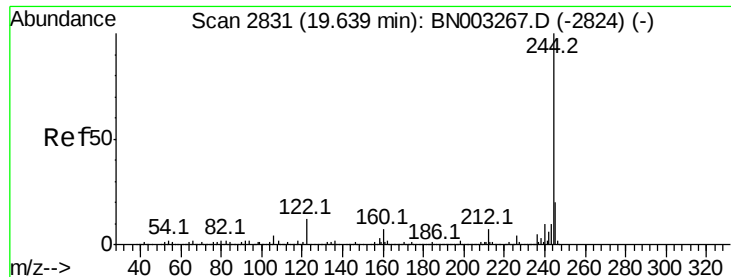
200 21.3 16.2 24.4

203 17.8 14.3 21.5



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: 94.904 ng

RT: 19.85 min Scan# 2867

Delta R.T. 0.00 min

Lab File: BN003451.D

Acq: 07 Nov 2018 14:50

Instrument :

BNA_N

ClientSampleId :

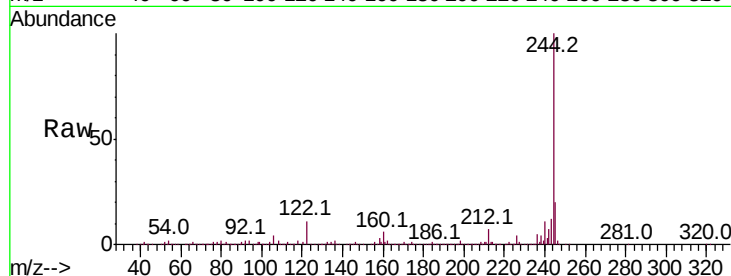
Tot Ion:244 Resp: 2788802

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

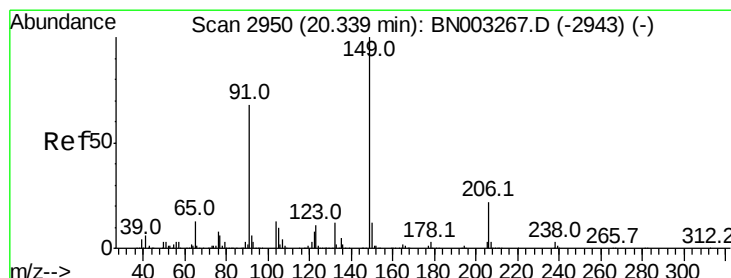
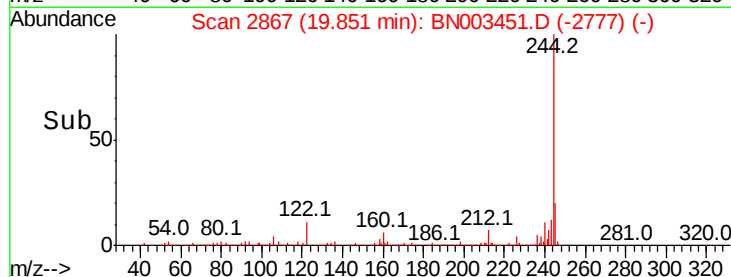
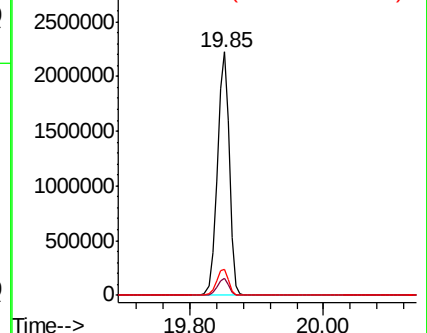
122 10.7 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.297 ng

RT: 20.54 min Scan# 2984

Delta R.T. 0.00 min

Lab File: BN003451.D

Acq: 07 Nov 2018 14:50

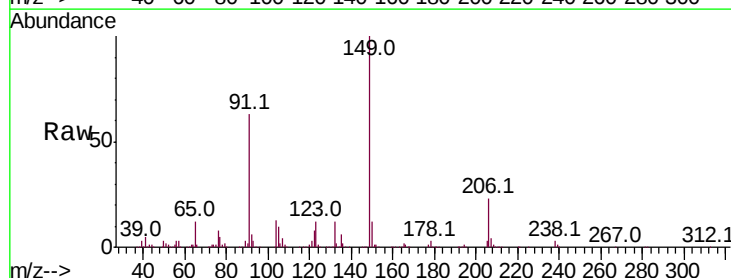
Tgt Ion:149 Resp: 725389

Ion Ratio Lower Upper

149 100

91 63.4 54.6 81.8

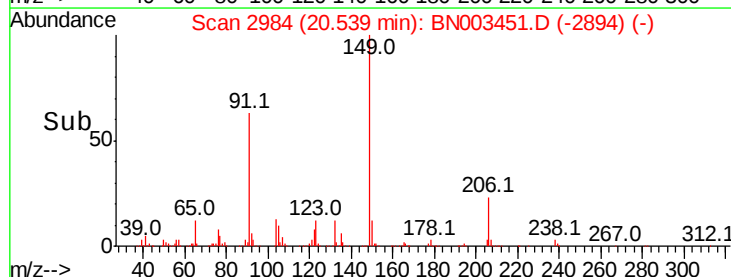
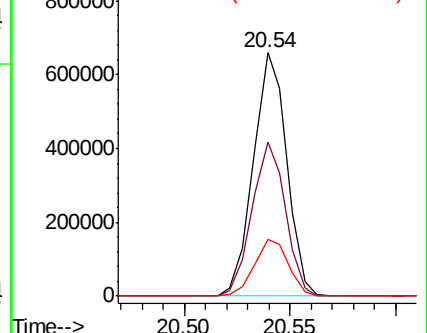
206 23.1 17.8 26.6

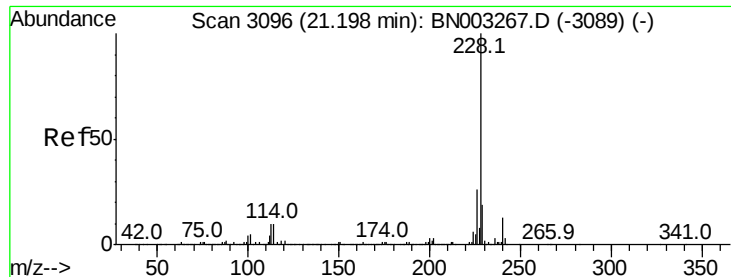


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNC

Ion 206.00 (205.70 to 206.70): E

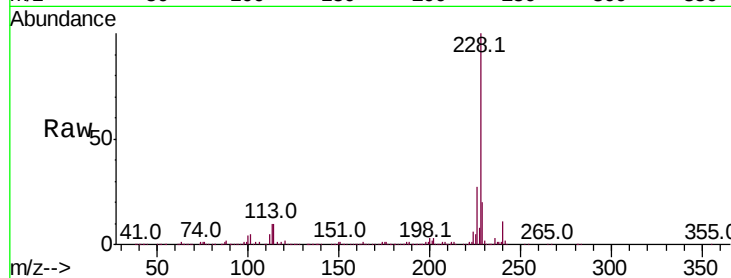




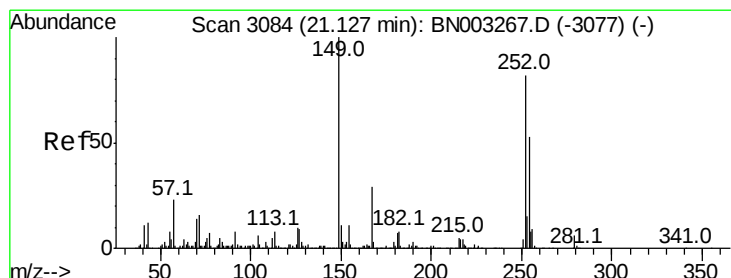
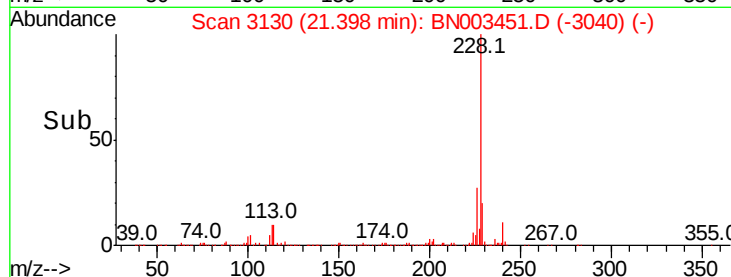
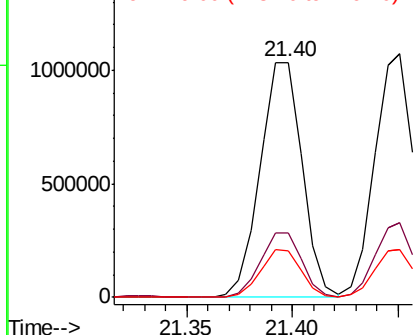
#81
Benzo(a)anthracene
Concen: 39.214 ng
RT: 21.40 min Scan# 3130
Delta R.T. 0.00 min
Lab File: BN003451.D
Acq: 07 Nov 2018 14:50

Instrument :
BNA_N
ClientSampled :

Tot Ion:228 Resp: 1435087
Ion Ratio Lower Upper
228 100
226 27.3 20.8 31.2
229 19.6 15.3 22.9

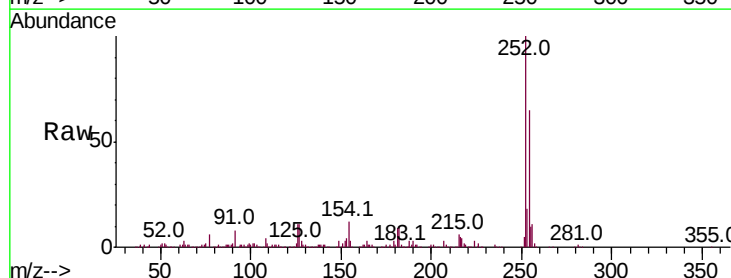


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

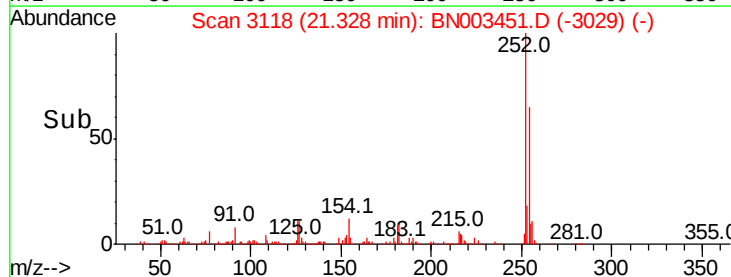
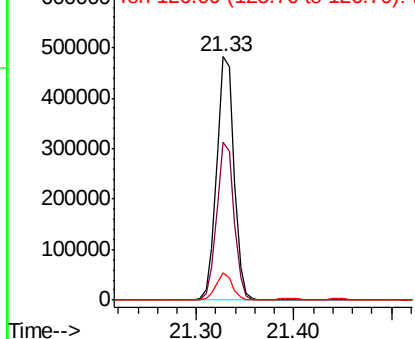


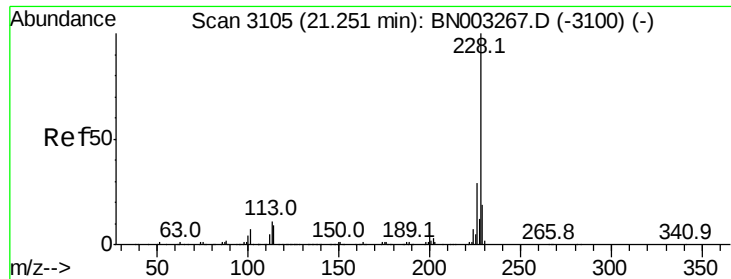
#82
3,3'-Dichlorobenzidine
Concen: 39.340 ng
RT: 21.33 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BN003451.D
Acq: 07 Nov 2018 14:50

Tgt Ion:252 Resp: 595796
Ion Ratio Lower Upper
252 100
254 64.8 51.1 76.7
126 11.1 9.3 13.9



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: 38.828 ng

RT: 21.45 min Scan# 3139

Delta R.T. 0.00 min

Lab File: BN003451.D

Acq: 07 Nov 2018 14:50

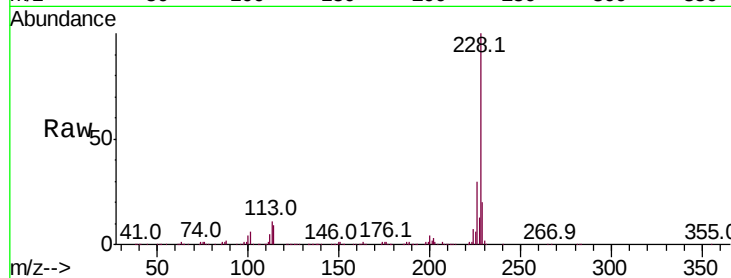
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 1365977

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.3	34.9
229	19.7	15.3	22.9

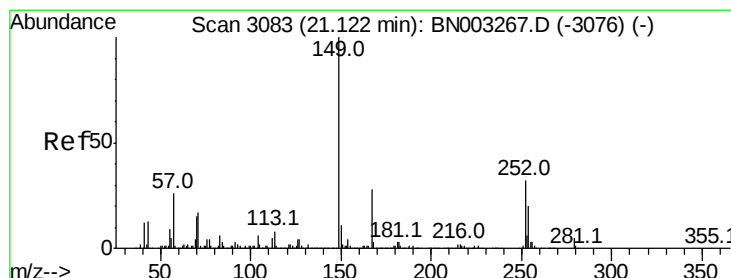
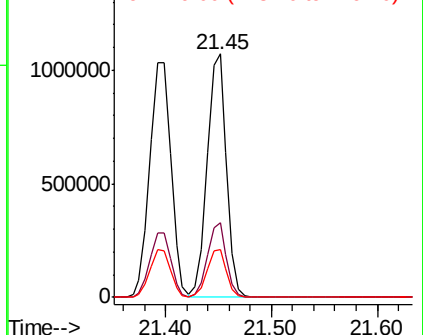
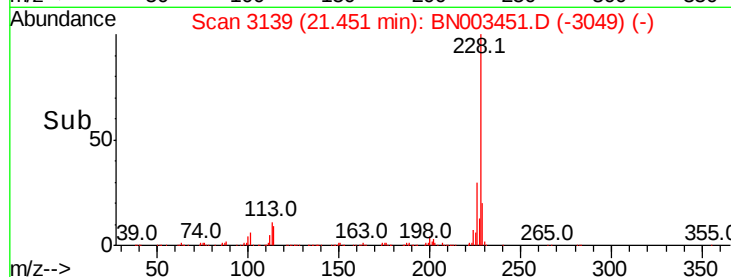


Abundance

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: 41.546 ng

RT: 21.30 min Scan# 3114

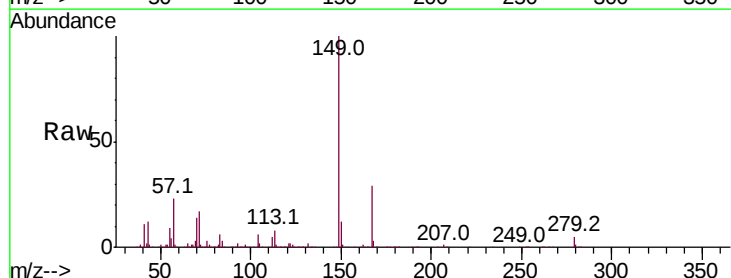
Delta R.T. -0.01 min

Lab File: BN003451.D

Acq: 07 Nov 2018 14:50

Tgt Ion:149 Resp: 1056654

Ion	Ratio	Lower	Upper
149	100		
167	29.0	22.6	33.8
279	5.1	3.8	5.8

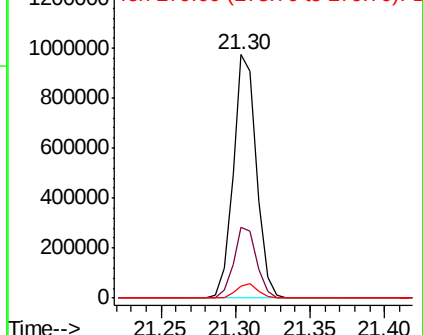
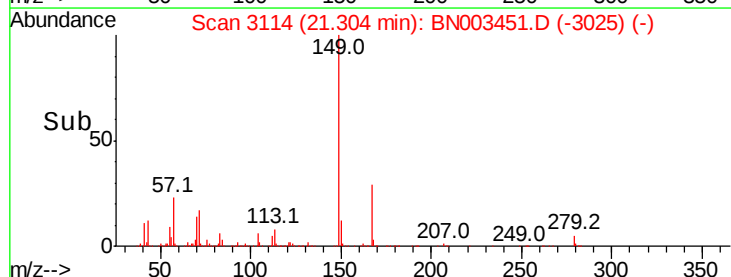


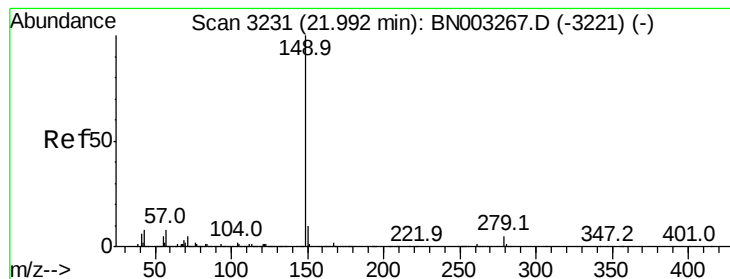
Abundance

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: 37.891 ng

RT: 22.20 min Scan# 3267

Delta R.T. -0.01 min

Lab File: BN003451.D

Acq: 07 Nov 2018 14:50

Instrument :

BNA_N

ClientSampleId :

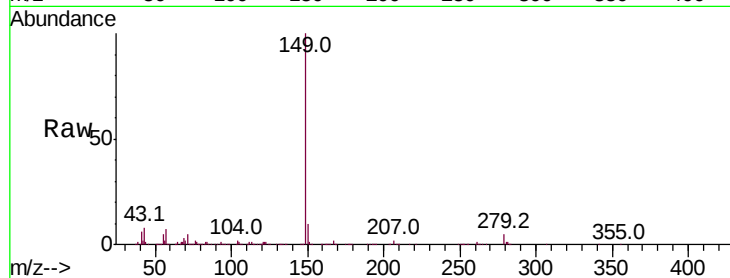
Tot Ion:149 Resp: 1653710

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

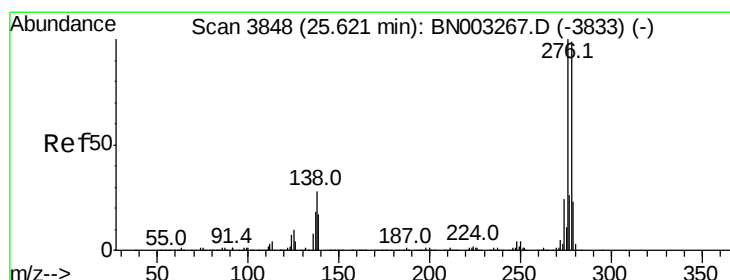
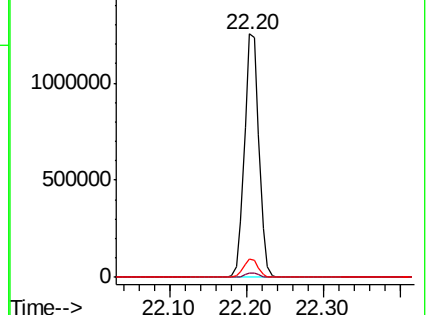
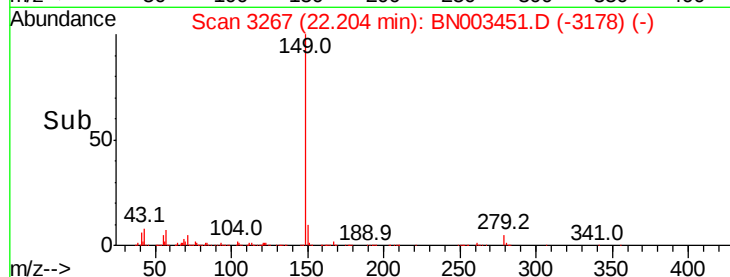
43 7.6 6.9 10.3



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): BNO



#86

Indeno(1,2,3-cd)pyrene

Concen: 33.651 ng

RT: 26.09 min Scan# 3927

Delta R.T. -0.01 min

Lab File: BN003451.D

Acq: 07 Nov 2018 14:50

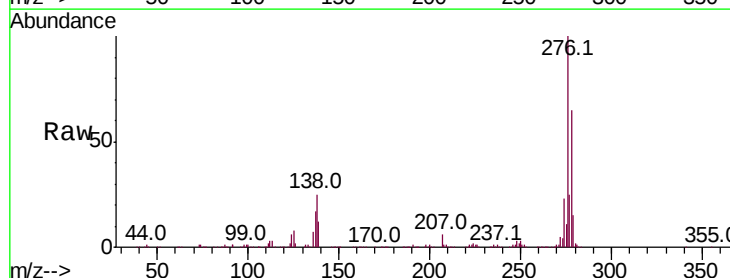
Tgt Ion:276 Resp: 1356788

Ion Ratio Lower Upper

276 100

138 25.3 21.2 31.8

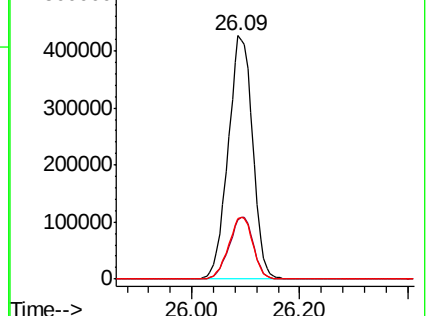
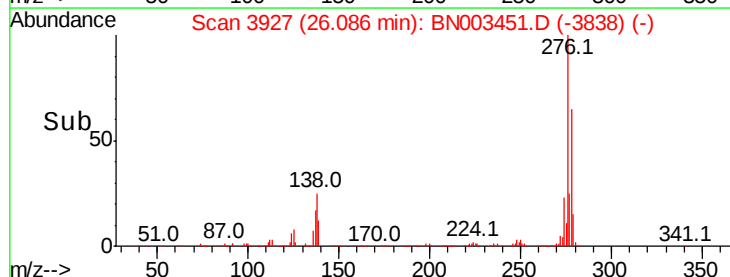
277 25.4 20.2 30.4

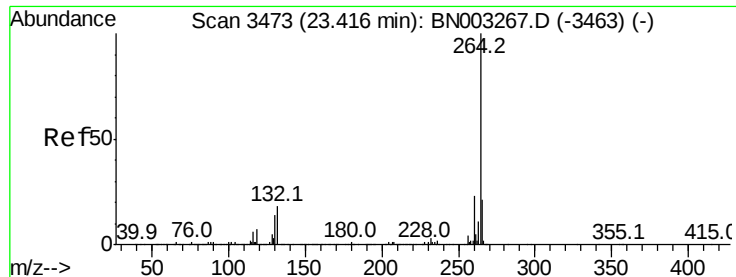


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

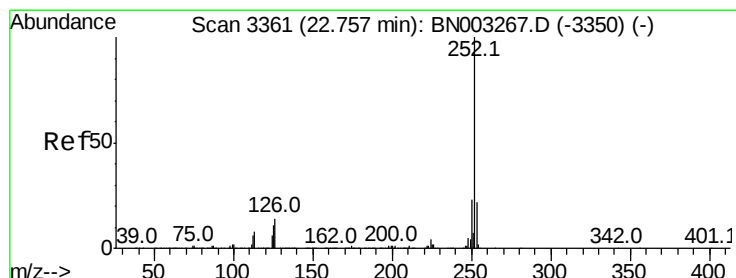
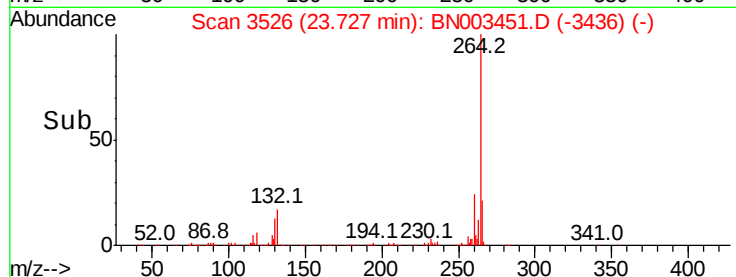
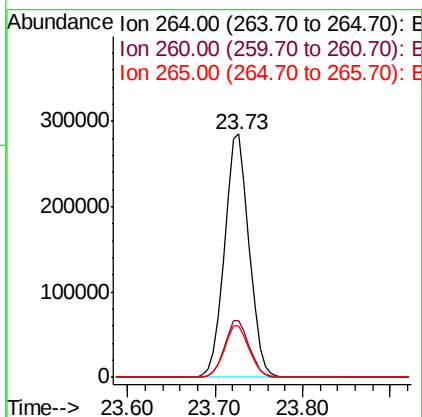
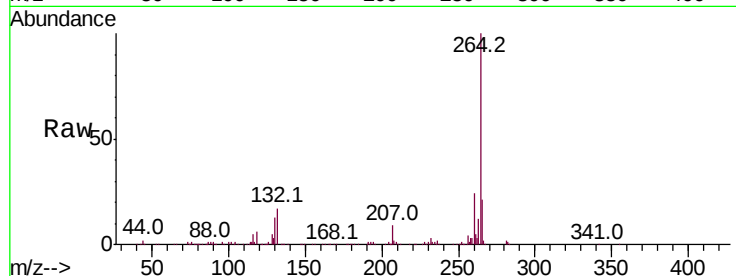




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.73 min Scan# 3526
Delta R.T. 0.00 min
Lab File: BN003451.D
Acq: 07 Nov 2018 14:50

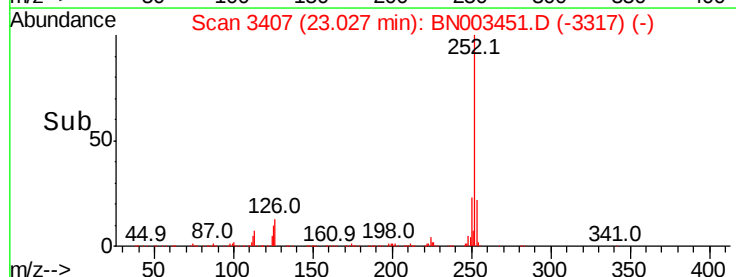
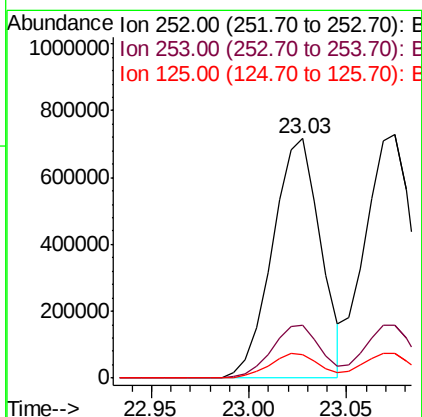
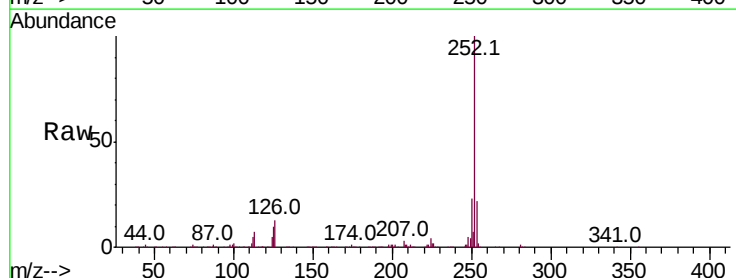
Instrument :
BNA_N
ClientSampleId :

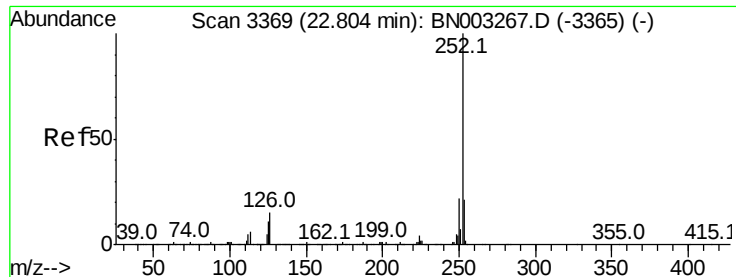
Tot Ion:264 Resp: 546232
Ion Ratio Lower Upper
264 100
260 23.5 18.5 27.7
265 21.0 16.6 25.0



#88
Benzo(b)fluoranthene
Concen: 40.722 ng
RT: 23.03 min Scan# 3407
Delta R.T. 0.00 min
Lab File: BN003451.D
Acq: 07 Nov 2018 14:50

Tgt Ion:252 Resp: 1224745
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 9.9 8.6 12.8





#89

Benzo(k)fluoranthene

Concen: 42.709 ng

RT: 23.07 min Scan# 3415

Delta R.T. 0.00 min

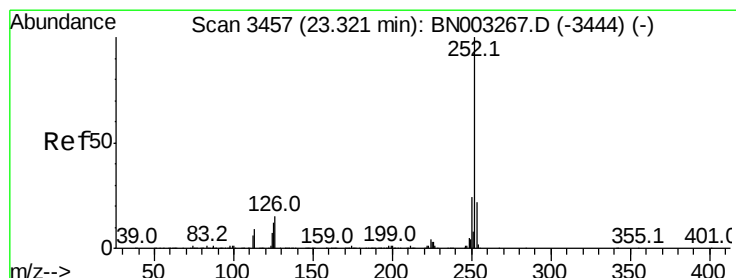
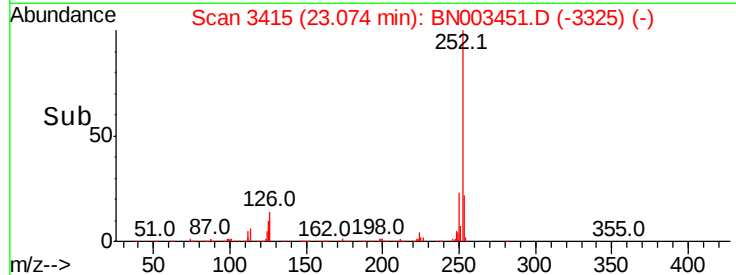
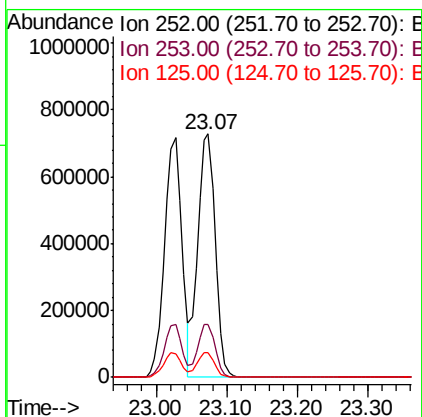
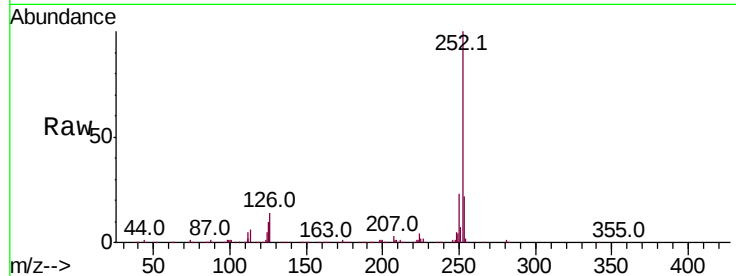
Lab File: BN003451.D

Acq: 07 Nov 2018 14:50

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 1259781

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	10.1	8.7	13.1



#90

Benzo(a)pyrene

Concen: 40.416 ng

RT: 23.63 min Scan# 3509

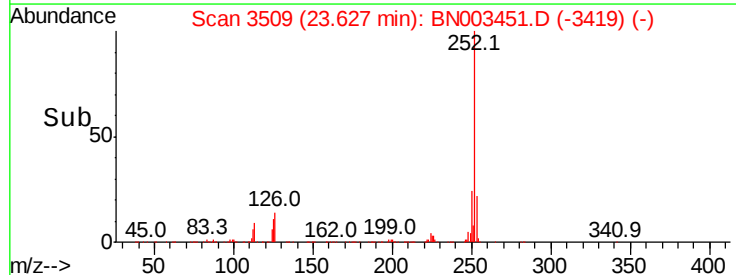
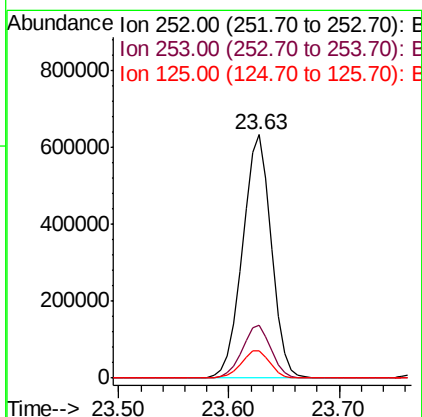
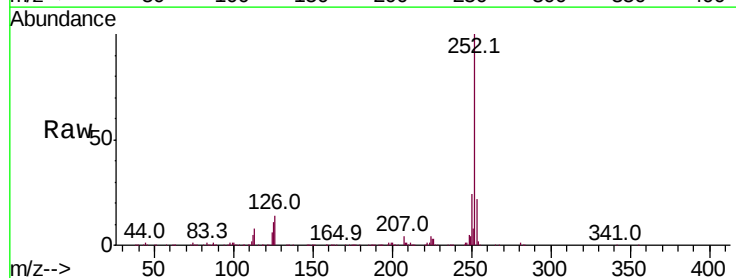
Delta R.T. 0.00 min

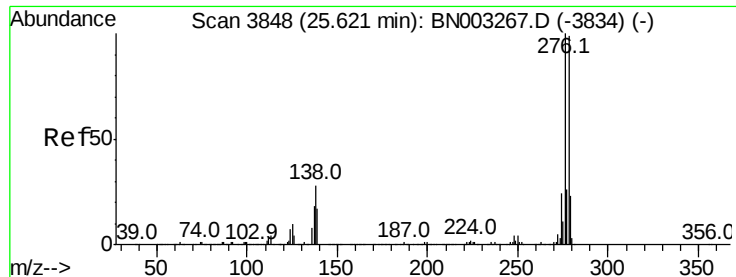
Lab File: BN003451.D

Acq: 07 Nov 2018 14:50

Tgt Ion:252 Resp: 1158469

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	11.2	9.6	14.4



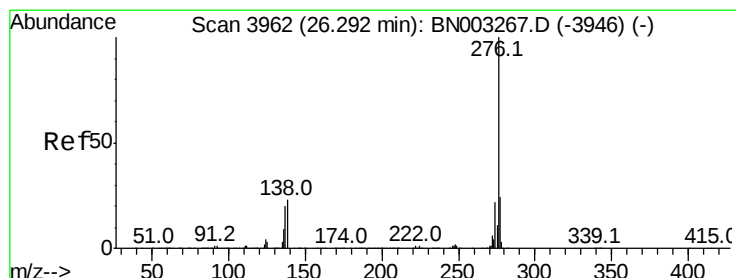
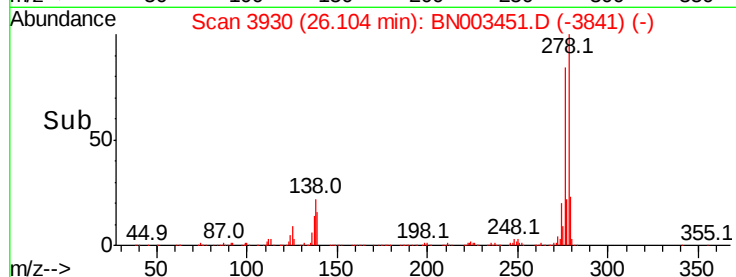
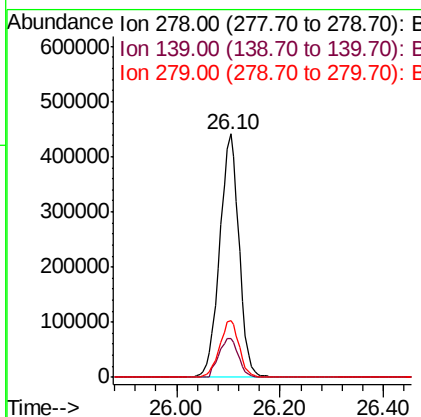
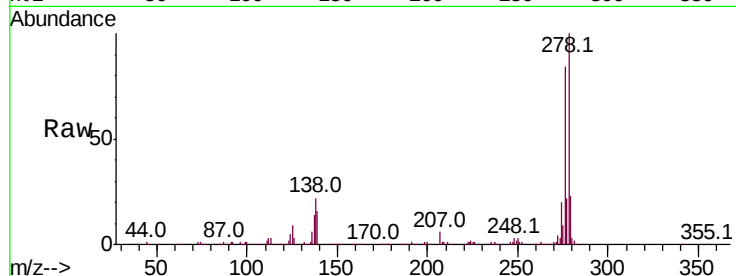


#91
Dibenzo(a,h)anthracene
Concen: 40.243 ng
RT: 26.10 min Scan# 3930
Delta R.T. -0.01 min
Lab File: BN003451.D
Acq: 07 Nov 2018 14:50

Instrument :
BNA_N
ClientSampled :

Tot Ion:278 Resp: 1141722

Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.9	20.9
279	23.4	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 40.579 ng
RT: 26.82 min Scan# 4052
Delta R.T. 0.00 min
Lab File: BN003451.D
Acq: 07 Nov 2018 14:50

Tgt Ion:276 Resp: 1105215

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.1	28.7
138	22.1	18.2	27.4

