

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111218\
 Data File : BN003510.D
 Acq On : 12 Nov 2018 17:16
 Operator : MJ/SJ
 Sample : PB114540BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 13 00:35:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 15:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	89913	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	373048	20.00	ng	0.00
39) Acenaphthene-d10	14.48	164	209716	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	410357	20.00	ng	0.00
76) Chrysene-d12	21.40	240	317169	20.00	ng	0.00
87) Perylene-d12	23.72	264	335830	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	729184	146.27	ng	0.00
7) Phenol-d6	7.01	99	935220	135.27	ng	0.00
23) Nitrobenzene-d5	9.02	82	417595	70.46	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	406249	129.94	ng	0.00
45) 2-Fluorobiphenyl	13.10	172	1126951	71.73	ng	0.00
79) Terphenyl-d14	19.84	244	1310958	81.37	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.33	88	89901	46.656	ng	99
3) Pyridine	3.72	79	212392	36.871	ng	99
4) n-Nitrosodimethylamine	3.65	42	80361	45.724	ng	# 94
6) Aniline	7.18	93	322407	37.733	ng	99
8) 2-Chlorophenol	7.41	128	284578	45.098	ng	99
9) Benzaldehyde	6.99	77	145391	30.725	ng	99
10) Phenol	7.03	94	331975	44.502	ng	97
11) bis(2-Chloroethyl)ether	7.28	93	237617	40.176	ng	99
12) 1,3-Dichlorobenzene	7.73	146	284984	40.030	ng	99
13) 1,4-Dichlorobenzene	7.88	146	293548	40.345	ng	100
14) 1,2-Dichlorobenzene	8.20	146	283045	40.219	ng	99
15) Benzyl Alcohol	8.09	79	216870	42.085	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.38	45	303905	40.069	ng	99
17) 2-Methylphenol	8.28	107	230589	44.797	ng	99
18) Hexachloroethane	8.92	117	99120	41.857	ng	98
19) n-Nitroso-di-n-propylamine	8.65	70	181897	39.077	ng	98
20) 3+4-Methylphenols	8.61	107	311416	43.444	ng	100
22) Acetophenone	8.68	105	377171	44.345	ng	# 100
24) Nitrobenzene	9.06	77	270135	44.418	ng	99
25) Isophorone	9.58	82	505845	49.288	ng	99
26) 2-Nitrophenol	9.76	139	152524	44.112	ng	99
27) 2,4-Dimethylphenol	9.81	122	265727	53.768	ng	98
28) bis(2-Chloroethoxy)methane	10.06	93	331477	46.390	ng	99
29) 2,4-Dichlorophenol	10.29	162	276791	47.599	ng	99
30) 1,2,4-Trichlorobenzene	10.50	180	283437	42.765	ng	98
31) Naphthalene	10.70	128	845093	46.539	ng	100
32) Benzoic acid	9.95	122	168534	38.280	ng	98
33) 4-Chloroaniline	10.81	127	166138	20.505	ng	99
34) Hexachlorobutadiene	10.96	225	168029	42.338	ng	99
35) Caprolactam	11.60	113	80284	39.152	ng	96
36) 4-Chloro-3-methylphenol	11.92	107	269362	43.727	ng	100
37) 2-Methylnaphthalene	12.30	142	620925	47.878	ng	100
38) 1-Methylnaphthalene	12.53	142	589300	46.913	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.67	216	325570	43.188	ng	99

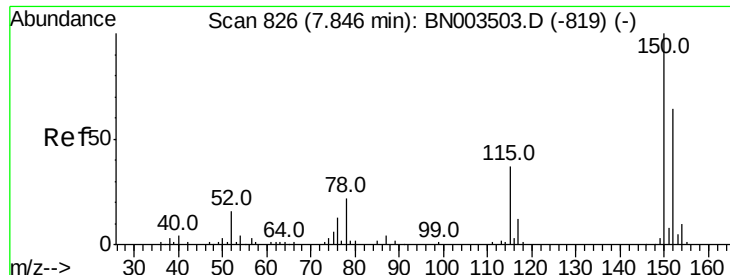
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111218\
 Data File : BN003510.D
 Acq On : 12 Nov 2018 17:16
 Operator : MJ/SJ
 Sample : PB114540BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 15:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.64	237	454974	110.350	ng	100
43) 2,4,6-Trichlorophenol	12.91	196	219296	46.849	ng	99
44) 2,4,5-Trichlorophenol	12.98	196	233325	46.729	ng	99
46) 1,1'-Biphenyl	13.32	154	784588	42.241	ng	99
47) 2-Chloronaphthalene	13.36	162	605309	43.314	ng	100
48) 2-Nitroaniline	13.57	65	148644	42.689	ng	96
49) Acenaphthylene	14.21	152	981893	47.626	ng	99
50) Dimethylphthalate	13.94	163	745822	45.396	ng	99
51) 2,6-Dinitrotoluene	14.07	165	166301	43.366	ng	98
52) Acenaphthene	14.55	154	558260	44.648	ng	98
53) 3-Nitroaniline	14.40	138	107878	26.314	ng	99
54) 2,4-Dinitrophenol	14.60	184	177046	83.492	ng	99
55) Dibenzofuran	14.88	168	896583	43.529	ng	99
56) 4-Nitrophenol	14.70	139	261065	83.345	ng	96
57) 2,4-Dinitrotoluene	14.85	165	219656	42.377	ng	96
58) Fluorene	15.53	166	703467	46.221	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.10	232	209458	46.480	ng	100
60) Diethylphthalate	15.30	149	727219	41.835	ng	99
61) 4-Chlorophenyl-phenylether	15.52	204	375668	41.927	ng	100
62) 4-Nitroaniline	15.56	138	156725	38.094	ng	98
63) Azobenzene	15.82	77	598620	42.190	ng	100
65) 4,6-Dinitro-2-methylphenol	15.61	198	117839	42.443	ng	98
66) n-Nitrosodiphenylamine	15.74	169	611039	47.012	ng	99
67) 4-Bromophenyl-phenylether	16.42	248	236074	45.609	ng	99
68) Hexachlorobenzene	16.52	284	270348	44.877	ng	98
69) Atrazine	16.69	200	214238	44.065	ng	99
70) Pentachlorophenol	16.87	266	309795	77.157	ng	99
71) Phenanthrene	17.27	178	1006723	46.961	ng	99
72) Anthracene	17.36	178	1018851	48.623	ng	99
73) Carbazole	17.63	167	860303	41.834	ng	100
74) Di-n-butylphthalate	18.18	149	1125115	46.367	ng	100
75) Fluoranthene	19.28	202	1009345	43.677	ng	99
77) Benzidine	19.47	184	507760	46.292	ng	100
78) Pyrene	19.65	202	997832	46.607	ng	100
80) Butylbenzylphthalate	20.53	149	406688	44.323	ng	99
81) Benzo(a)anthracene	21.39	228	865136	47.951	ng	99
82) 3,3'-Dichlorobenzidine	21.32	252	244858	32.564	ng	99
83) Chrysene	21.44	228	811784	47.045	ng	99
84) Bis(2-ethylhexyl)phthalate	21.30	149	570787	42.897	ng	99
85) Di-n-octyl phthalate	22.20	149	871718	44.111	ng	99
86) Indeno(1,2,3-cd)pyrene	26.07	276	1097584	60.253	ng	100
88) Benzo(b)fluoranthene	23.02	252	892927	47.757	ng	100
89) Benzo(k)fluoranthene	23.06	252	854516	45.927	ng	100
90) Benzo(a)pyrene	23.62	252	868451	50.130	ng	99
91) Dibenzo(a,h)anthracene	26.09	278	924186	52.388	ng	99
92) Benzo(g,h,i)perylene	26.80	276	912719	53.203	ng	100

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

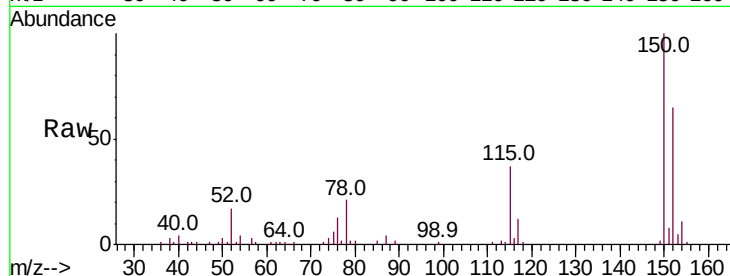


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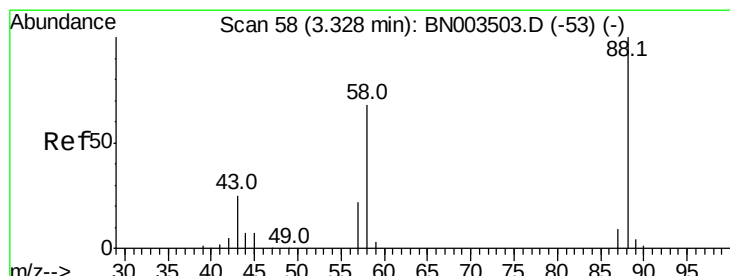
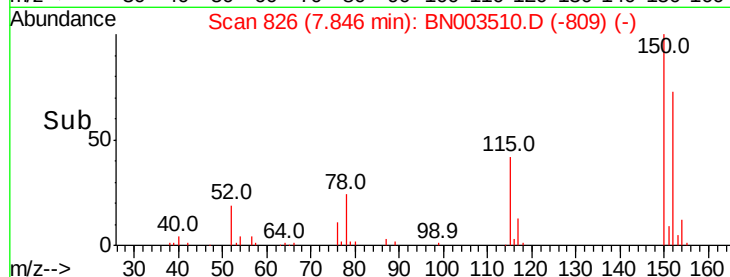
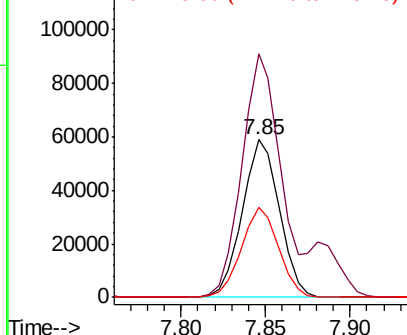
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 826
Delta R.T. 0.00 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 89913
Ion Ratio Lower Upper
152 100
150 154.6 125.4 188.0
115 56.9 45.9 68.9



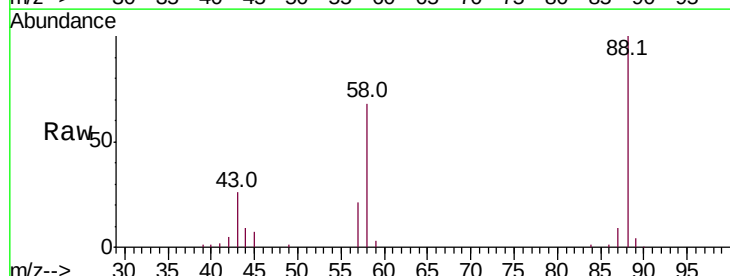
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



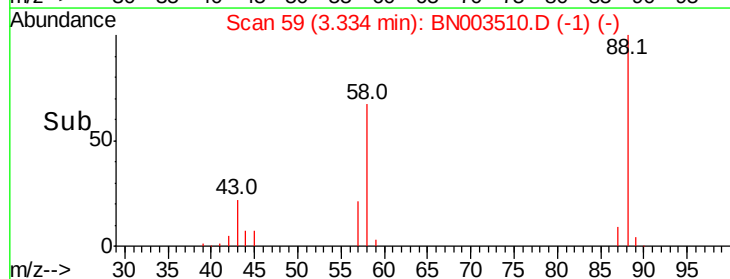
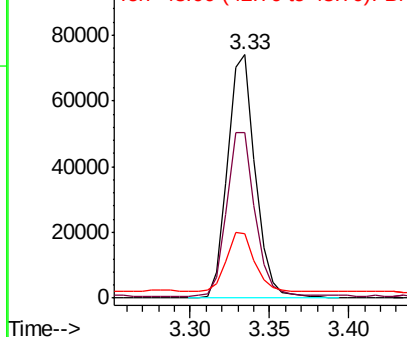
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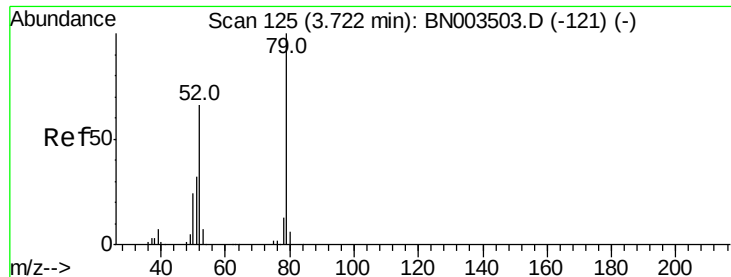
1,4-Dioxane
Concen: 46.656 ng
RT: 3.33 min Scan# 59
Delta R.T. 0.01 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

Tgt Ion: 88 Resp: 89901
Ion Ratio Lower Upper
88 100
58 68.4 54.2 81.2
43 25.0 19.0 28.6



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

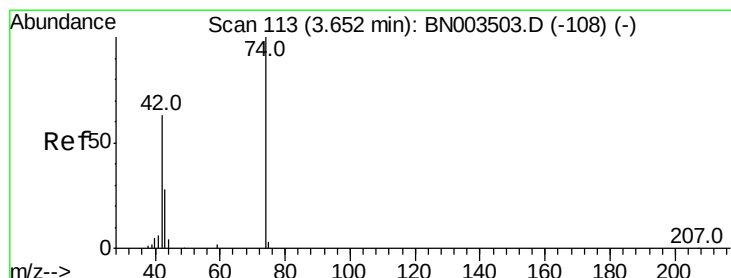
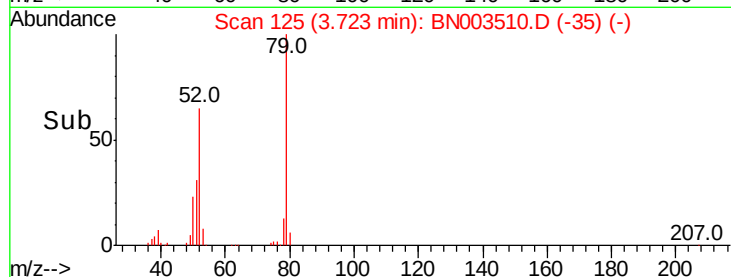
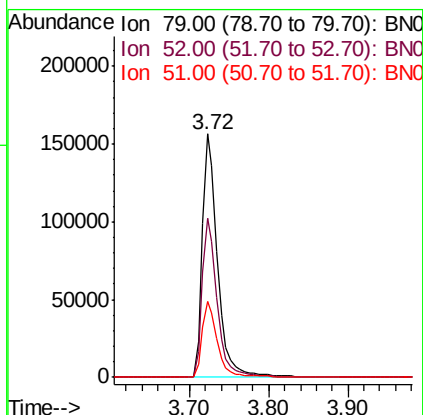
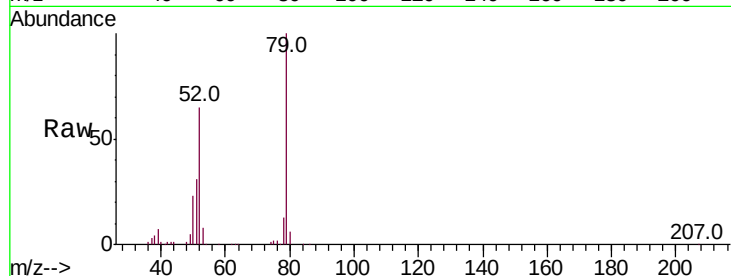




#3
 Pvridine
 Concen: 36.871 ng
 RT: 3.72 min Scan# 125
 Delta R.T. 0.00 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

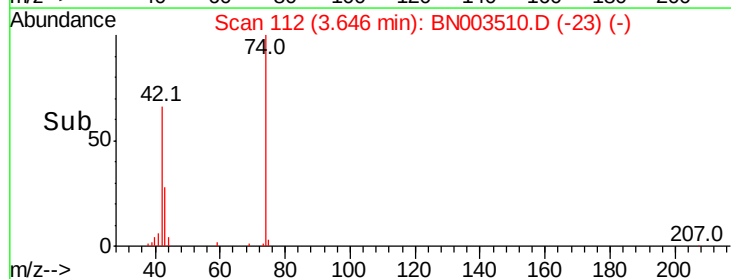
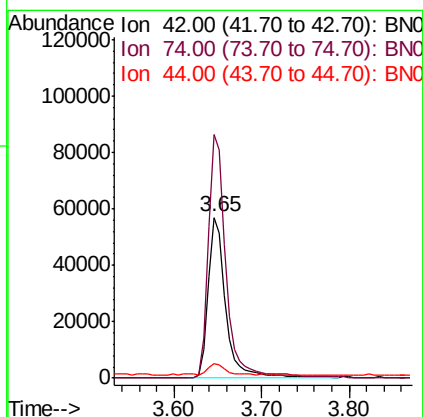
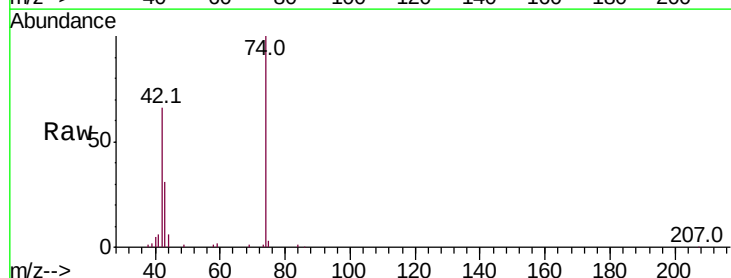
Instrument :
 BNA_N
 ClientSampleId :

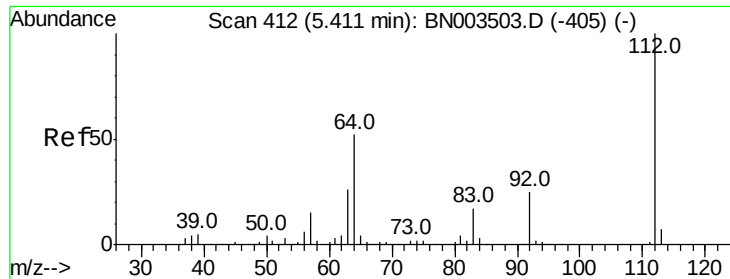
Tot Ion: 79 Resp: 212392
 Ion Ratio Lower Upper
 79 100
 52 65.2 52.6 78.8
 51 31.4 25.5 38.3



#4
 n-Nitrosodimethylamine
 Concen: 45.724 ng
 RT: 3.65 min Scan# 112
 Delta R.T. -0.01 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

Tgt Ion: 42 Resp: 80361
 Ion Ratio Lower Upper
 42 100
 74 151.5 127.3 190.9
 44 8.9 5.9 8.9#





#5

2-Fluorophenol

Concen: 146.268 ng

RT: 5.42 min Scan# 413

Delta R.T. 0.01 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Instrument :

BNA_N

ClientSampled :

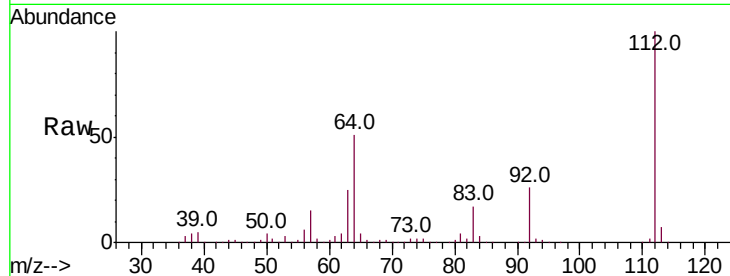
Tot Ion:112 Resp: 729184

Ion Ratio Lower Upper

112 100

64 51.0 41.4 62.2

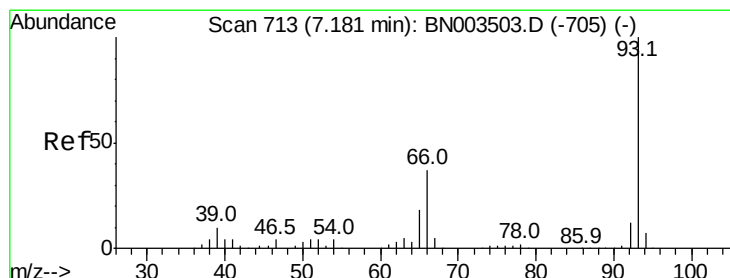
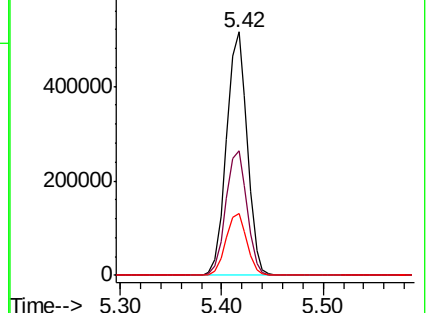
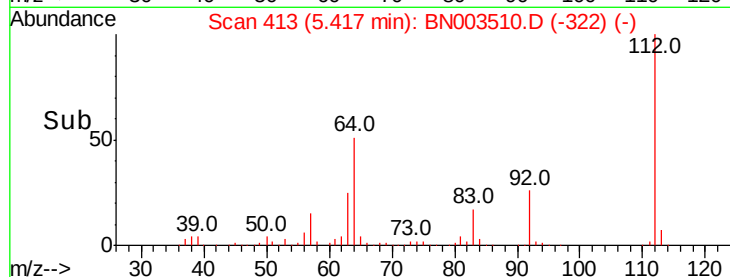
63 25.5 20.5 30.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#6

Aniline

Concen: 37.733 ng

RT: 7.18 min Scan# 713

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

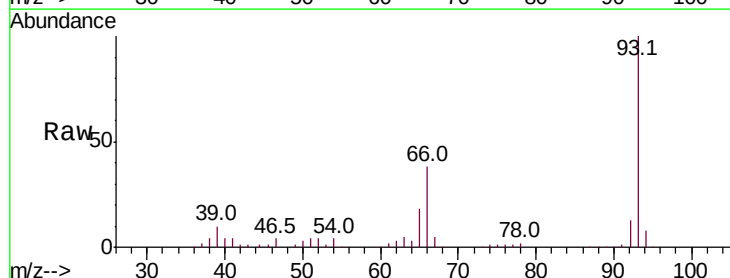
Tgt Ion: 93 Resp: 322407

Ion Ratio Lower Upper

93 100

66 37.7 29.6 44.4

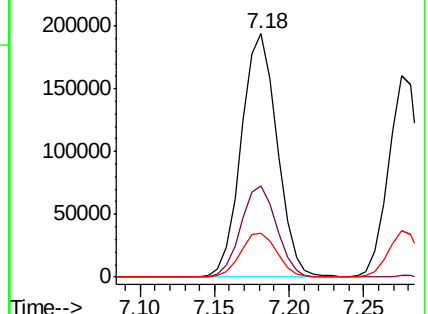
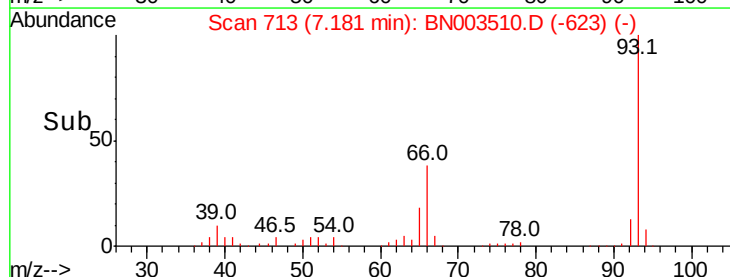
65 18.3 14.5 21.7

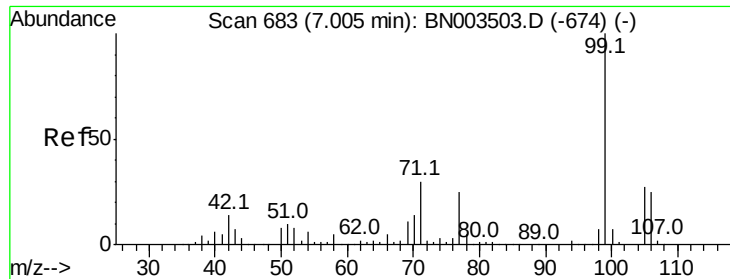


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 135.266 ng

RT: 7.01 min Scan# 684

Delta R.T. 0.01 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Instrument :

BNA_N

ClientSampleId :

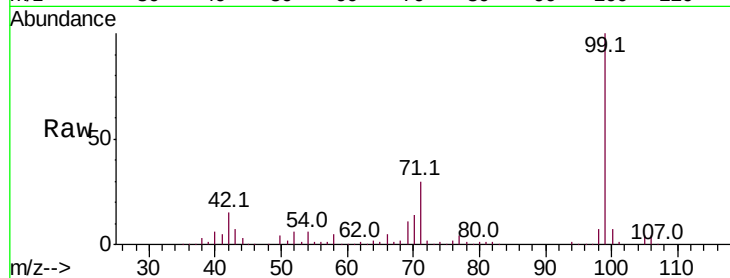
Tot Ion: 99 Resp: 935220

Ion Ratio Lower Upper

99 100

42 14.6 11.6 17.4

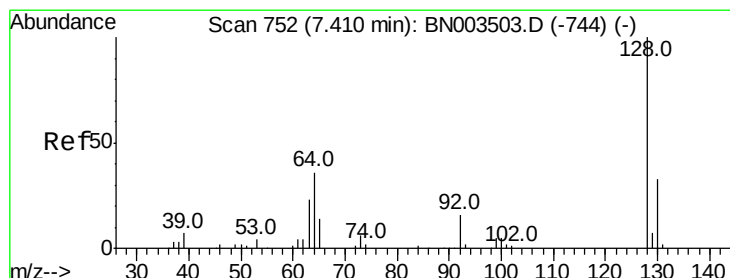
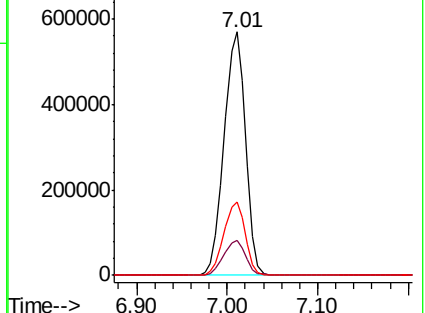
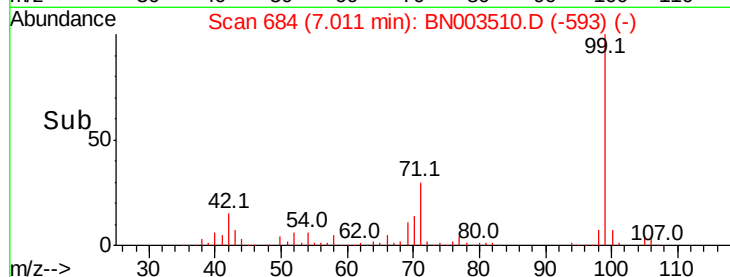
71 30.4 24.2 36.2



Abundance Ion 99.00 (98.70 to 99.70): BN003510.D (-593) (-)

Ion 42.00 (41.70 to 42.70): BN003510.D (-593) (-)

Ion 71.00 (70.70 to 71.70): BN003510.D (-593) (-)



#8

2-Chlorophenol

Concen: 45.098 ng

RT: 7.41 min Scan# 752

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

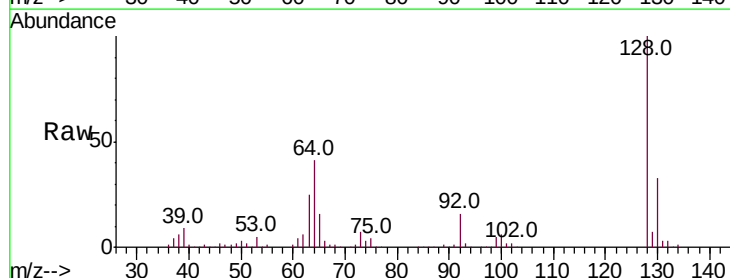
Tgt Ion:128 Resp: 284578

Ion Ratio Lower Upper

128 100

130 32.8 12.9 52.9

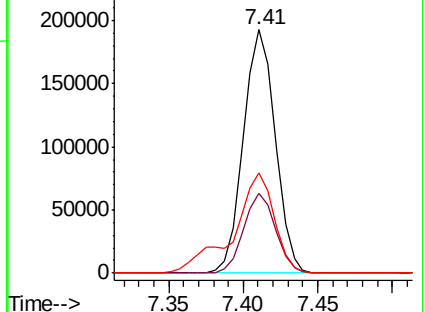
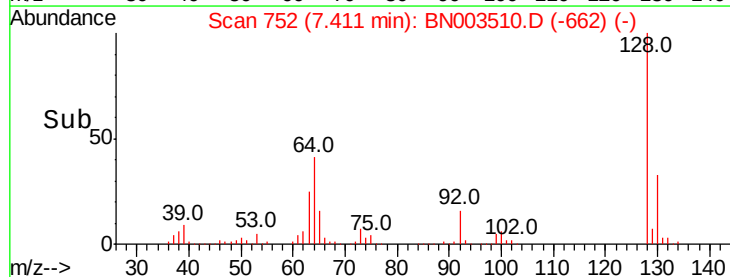
64 41.2 20.2 60.2

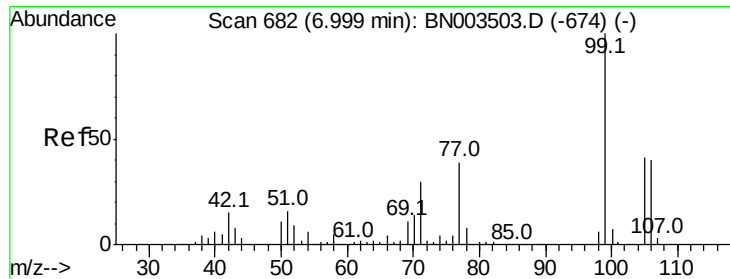


Abundance Ion 128.00 (127.70 to 128.70): BN003510.D (-662) (-)

Ion 130.00 (129.70 to 130.70): BN003510.D (-662) (-)

Ion 64.00 (63.70 to 64.70): BN003510.D (-662) (-)





#9

Benzaldehyde

Concen: 30.725 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.01 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Instrument :

BNA_N

ClientSampleId :

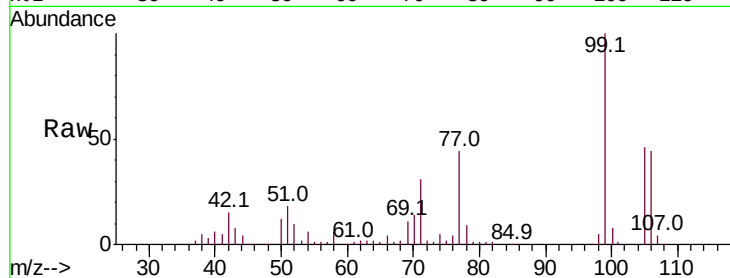
Tot Ion: 77 Resp: 145391

Ion Ratio Lower Upper

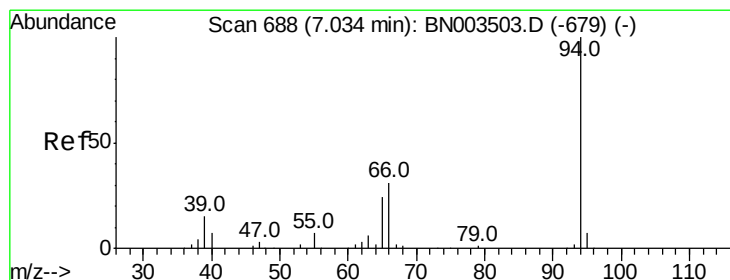
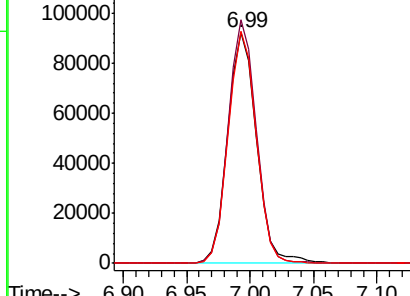
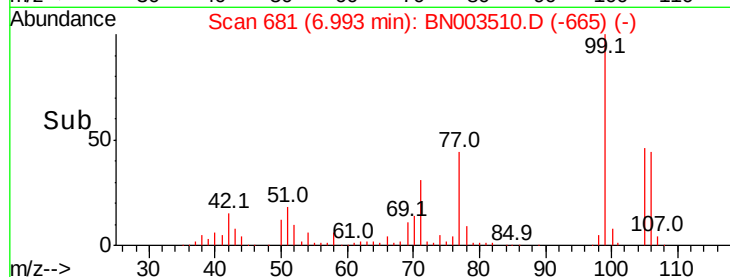
77 100

105 105.7 84.7 124.7

106 101.0 81.0 121.0



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



#10

Phenol

Concen: 44.502 ng

RT: 7.03 min Scan# 688

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

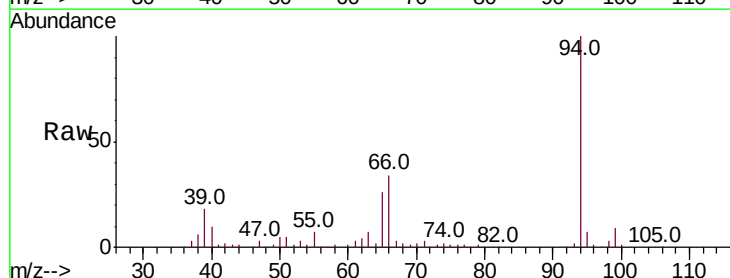
Tgt Ion: 94 Resp: 331975

Ion Ratio Lower Upper

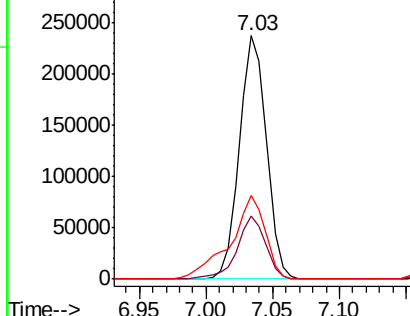
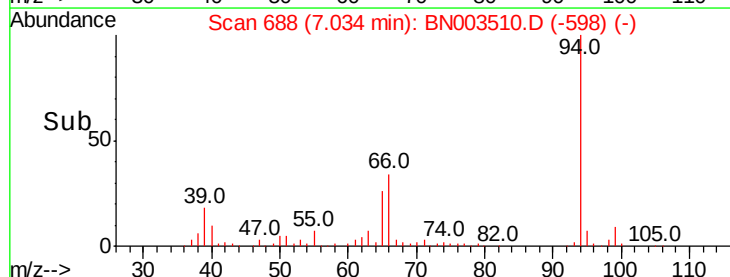
94 100

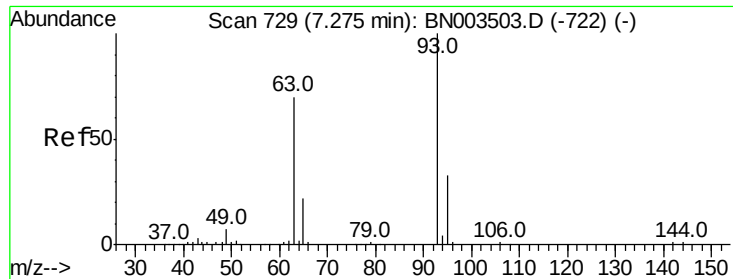
65 25.7 4.5 44.5

66 34.1 12.0 52.0



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





#11

bis(2-Chloroethyl)ether

Concen: 40.176 ng

RT: 7.28 min Scan# 729

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Instrument :

BNA_N

ClientSampled :

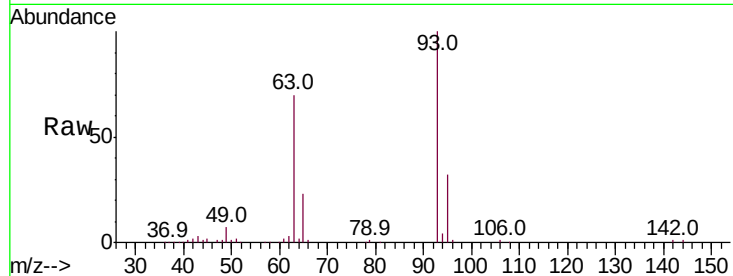
Tot Ion: 93 Resp: 237617

Ion Ratio Lower Upper

93 100

63 70.5 49.9 89.9

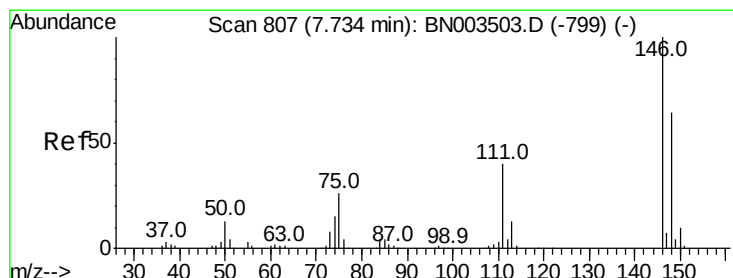
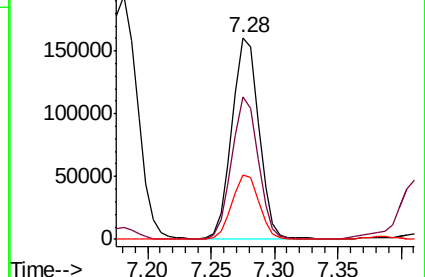
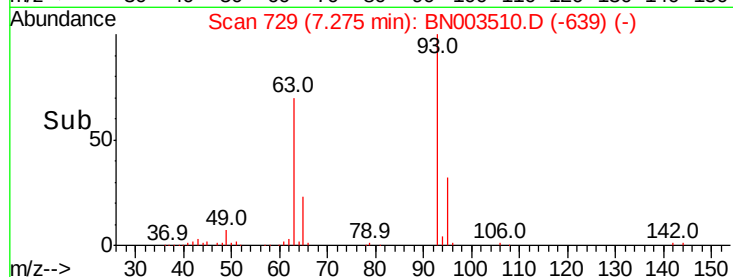
95 32.2 12.4 52.4



Abundance Ion 93.00 (92.70 to 93.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

Ion 95.00 (94.70 to 95.70): BN0



#12

1,3-Dichlorobenzene

Concen: 40.030 ng

RT: 7.73 min Scan# 807

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

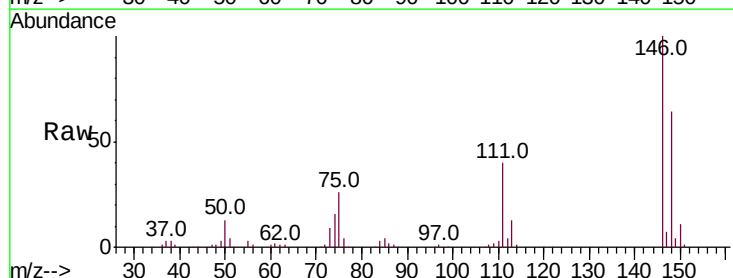
Tgt Ion: 146 Resp: 284984

Ion Ratio Lower Upper

146 100

148 64.4 51.2 76.8

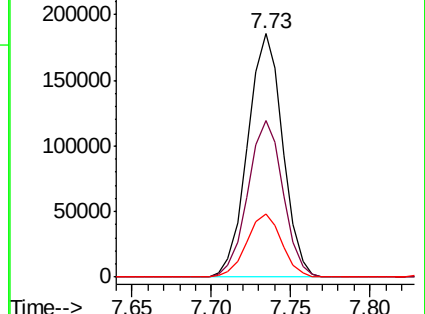
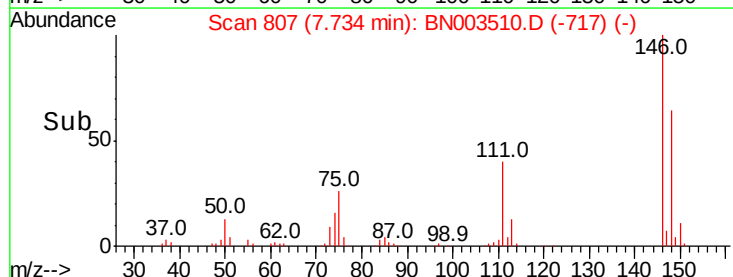
75 26.2 20.5 30.7

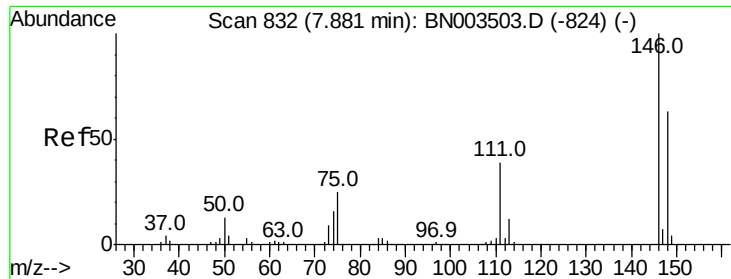


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BN0

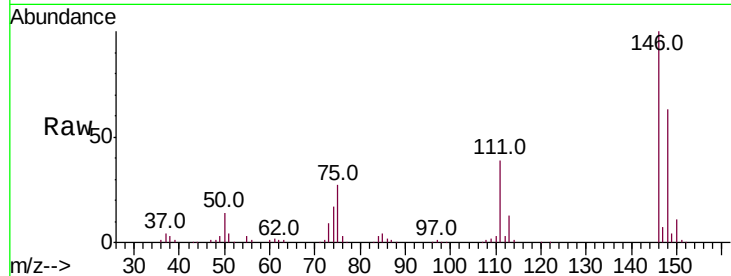




#13
 1,4-Dichlorobenzene
 Concen: 40.345 ng
 RT: 7.88 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.8	76.2
111	38.8	31.0	46.6

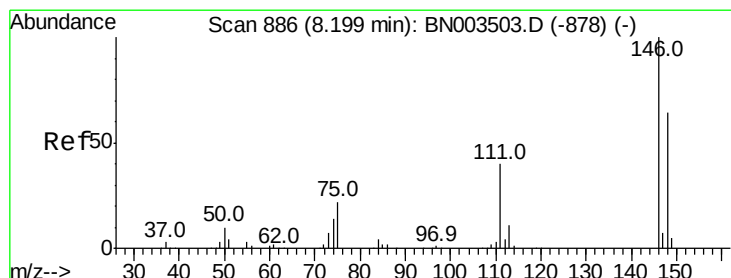
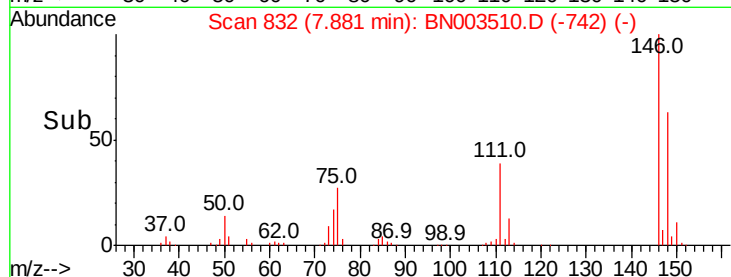
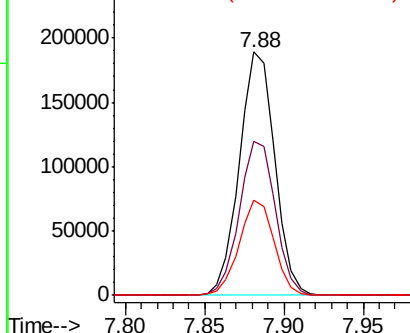


Abundance

Ion 146.00 (145.70 to 146.70): E

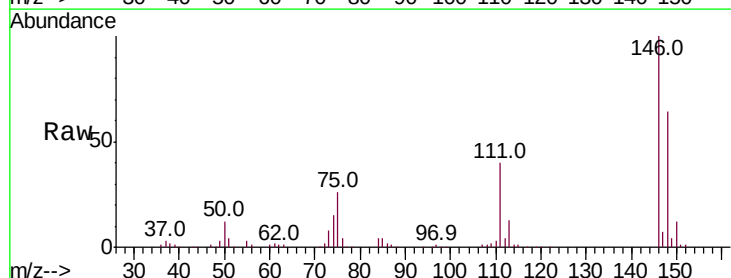
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.219 ng
 RT: 8.20 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.4	77.0
111	40.3	32.6	48.8

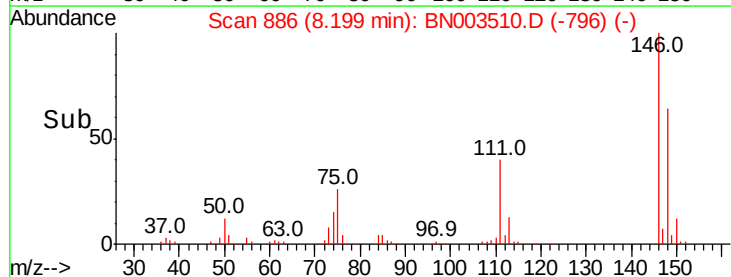
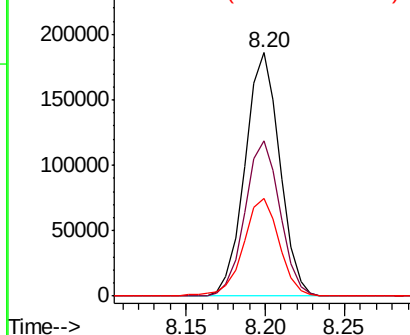


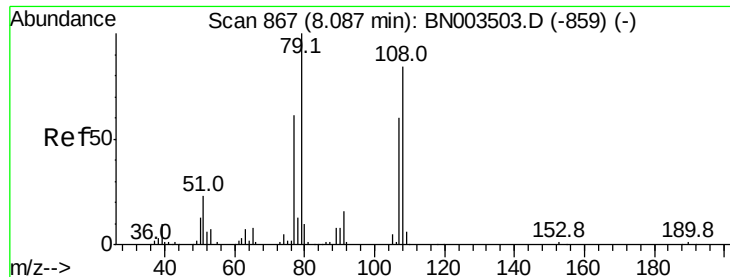
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.085 ng

RT: 8.09 min Scan# 867

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Instrument :

BNA_N

ClientSampleId :

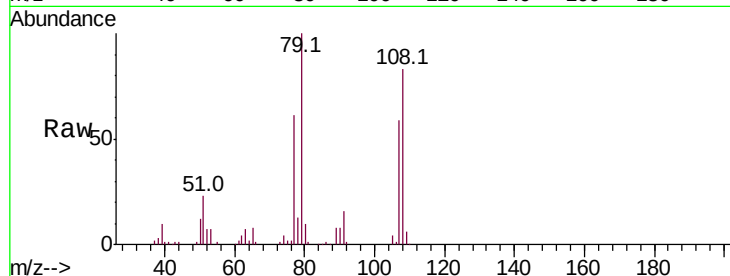
Tot Ion: 79 Resp: 216870

Ion Ratio Lower Upper

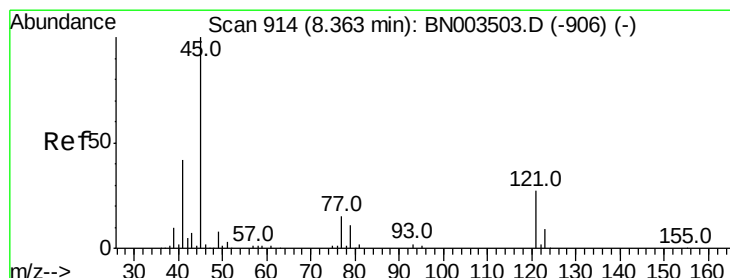
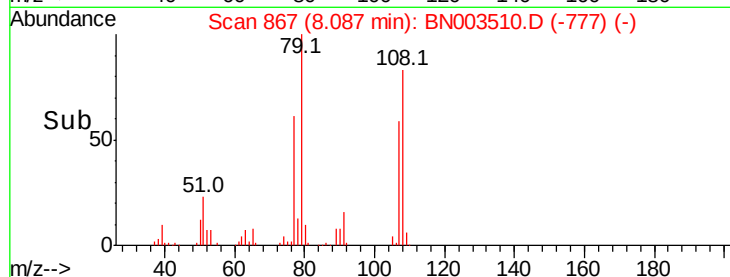
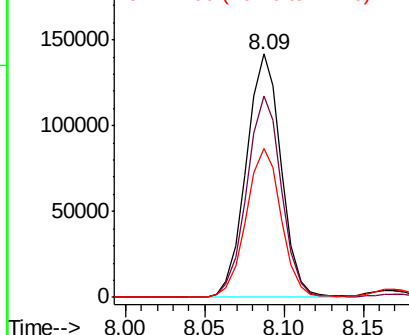
79 100

108 82.6 67.3 100.9

77 61.3 49.0 73.6



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.069 ng

RT: 8.38 min Scan# 916

Delta R.T. 0.01 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

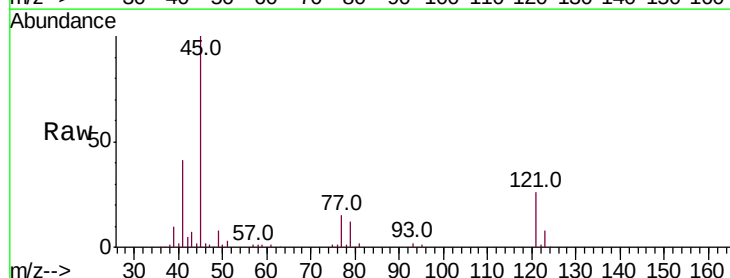
Tgt Ion: 45 Resp: 303905

Ion Ratio Lower Upper

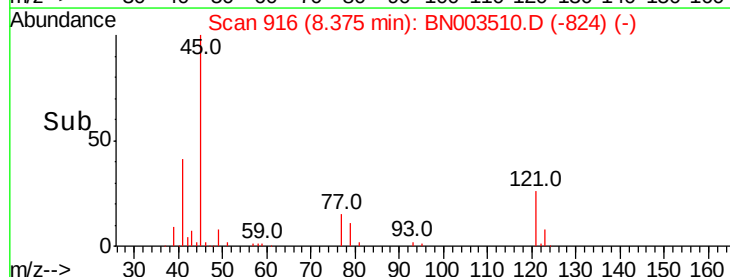
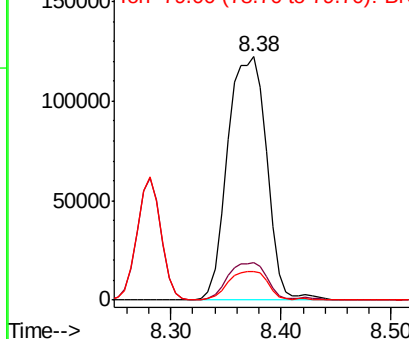
45 100

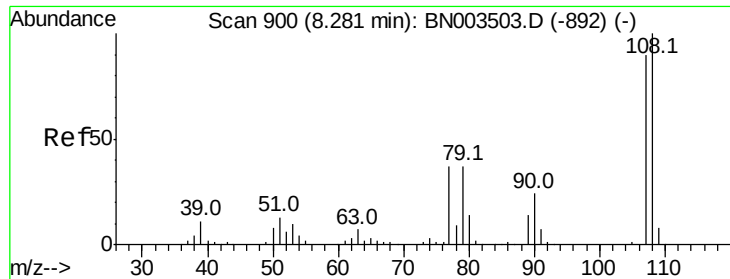
77 15.3 0.0 35.1

79 11.9 0.0 31.4



Abundance Ion 45.00 (44.70 to 45.70): BNC
Ion 77.00 (76.70 to 77.70): BNC
Ion 79.00 (78.70 to 79.70): BNC

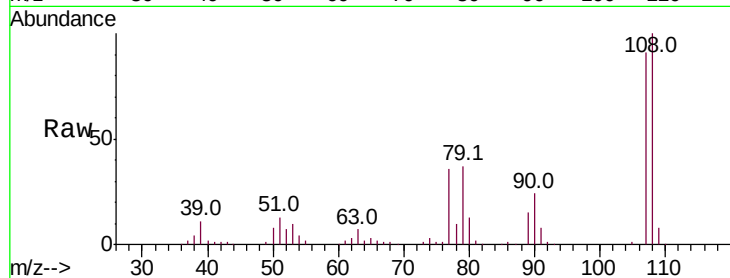




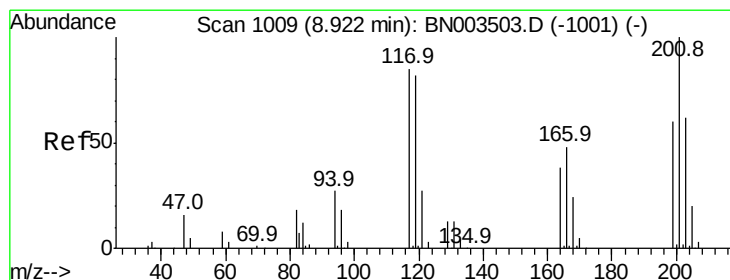
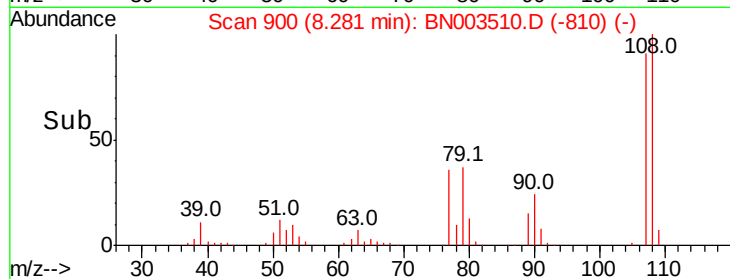
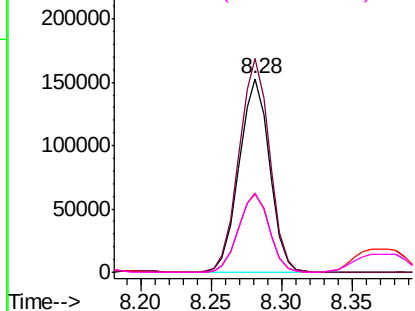
#17
2-Methylphenol
Concen: 44.797 ng
RT: 8.28 min Scan# 900
Delta R.T. 0.00 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

Instrument :
BNA_N
ClientSampleId :

Tot Ion:	107	Resp:	230589
Ion	Ratio	Lower	Upper
107	100		
108	110.2	89.0	133.4
77	40.2	32.6	49.0
79	40.7	32.7	49.1

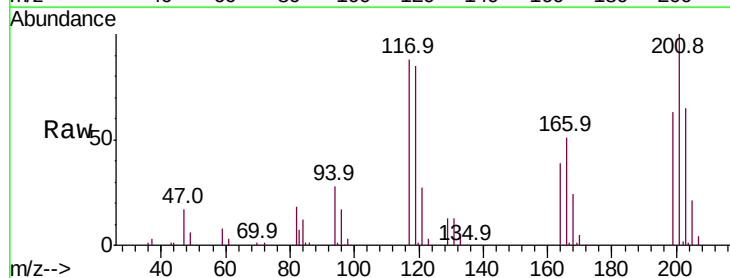


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BNC
Ion 79.00 (78.70 to 79.70): BNC

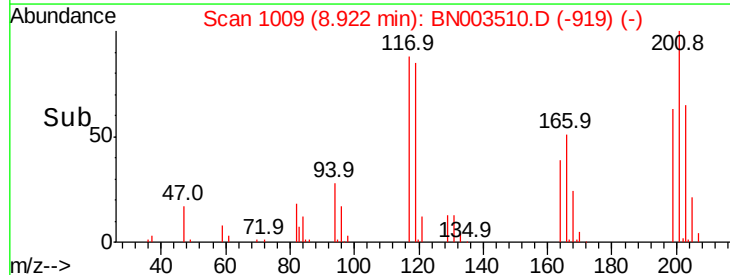
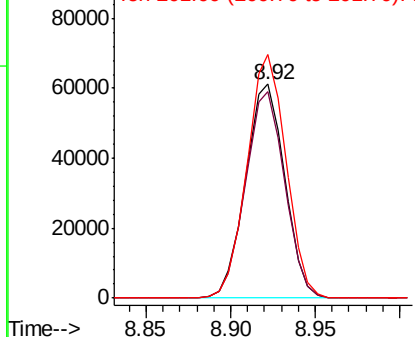


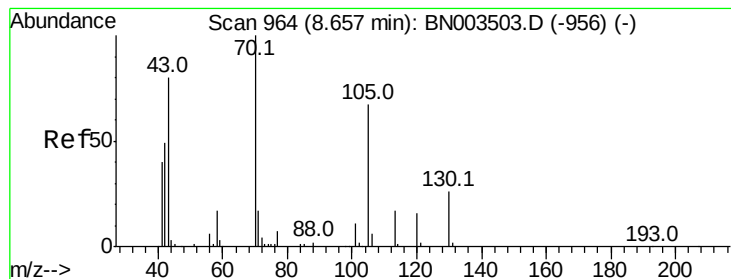
#18
Hexachloroethane
Concen: 41.857 ng
RT: 8.92 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

Tgt Ion:	117	Resp:	99120
Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.1	115.7
201	113.8	93.6	140.4



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.077 ng

RT: 8.65 min Scan# 963

Delta R.T. -0.01 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 181897

Ion	Ratio	Lower	Upper
70	100		
42	50.6	39.7	59.5
101	10.3	8.8	13.2
130	25.2	20.8	31.2

Abundance

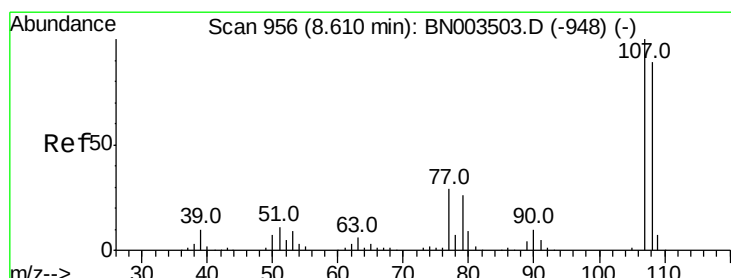
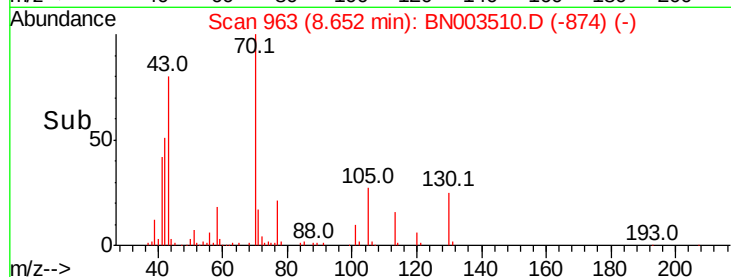
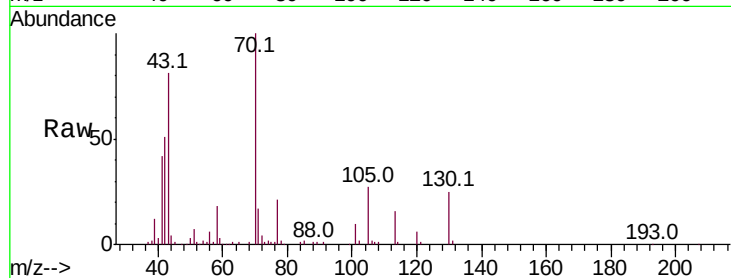
Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

Time-->



#20

3+4-Methylphenols

Concen: 43.444 ng

RT: 8.61 min Scan# 956

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Tgt Ion: 107 Resp: 311416

Ion	Ratio	Lower	Upper
107	100		
108	89.6	69.5	109.5
77	29.6	9.4	49.4
79	26.3	5.9	45.9

Abundance

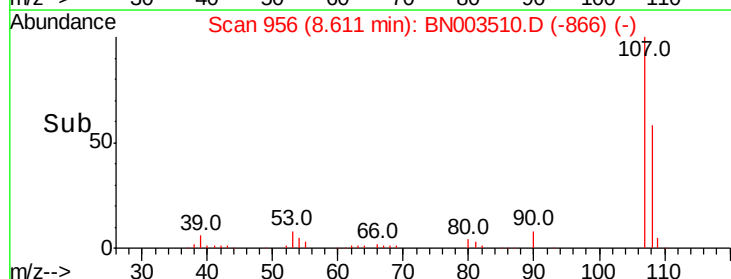
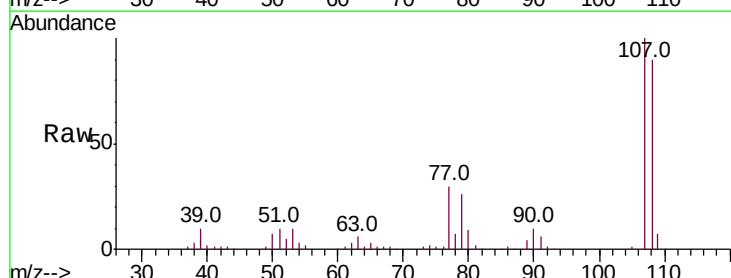
Ion 107.00 (106.70 to 107.70): E

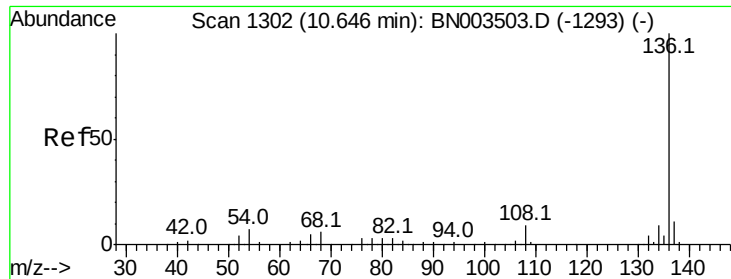
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BN0

Ion 79.00 (78.70 to 79.70): BN0

Time-->

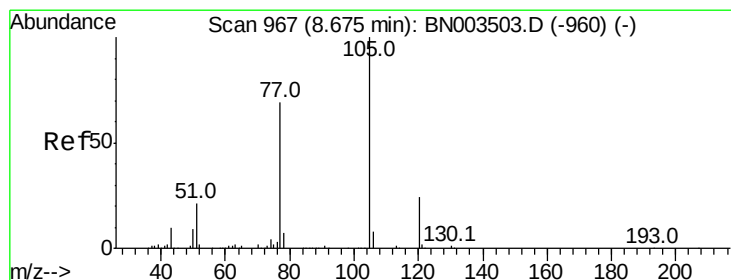
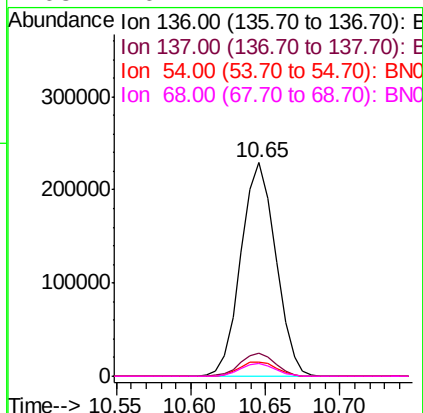
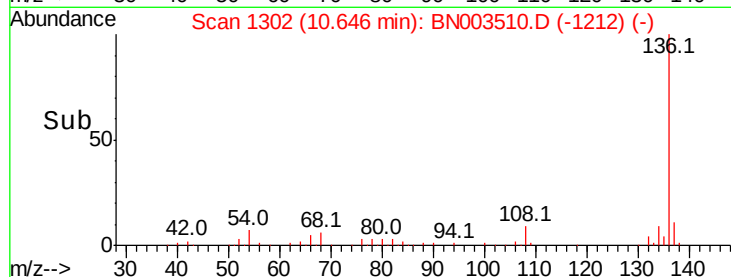
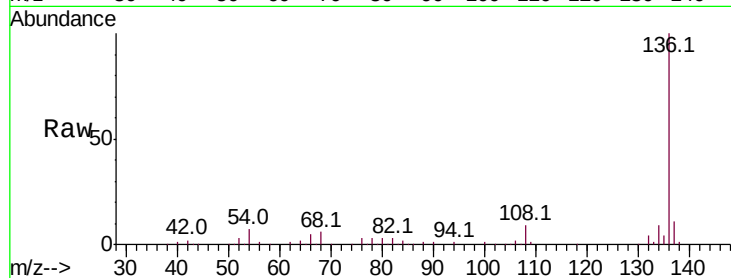




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.65 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

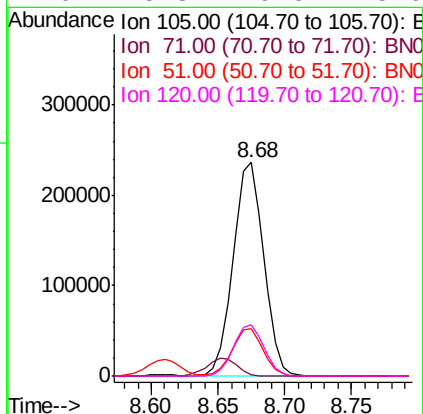
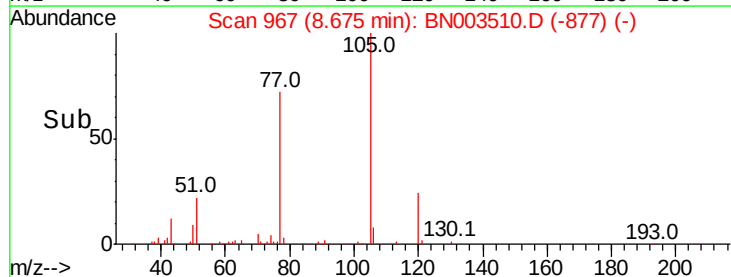
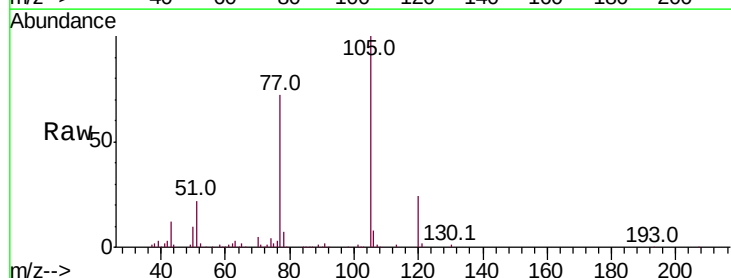
Instrument :
BNA_N
ClientSampleId :

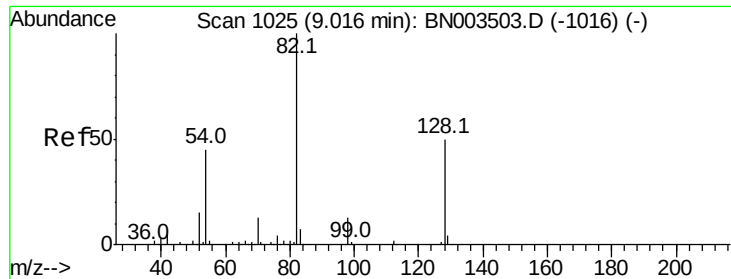
Tot Ion:	136	Resp:	373048
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.8	5.7	8.5
68	6.1	4.7	7.1



#22
Acetophenone
Concen: 44.345 ng
RT: 8.68 min Scan# 967
Delta R.T. 0.00 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

Tgt Ion:	105	Resp:	377171
Ion	Ratio	Lower	Upper
105	100		
71	0.7	1.2	1.8#
51	22.0	17.7	26.5
120	23.8	19.0	28.6

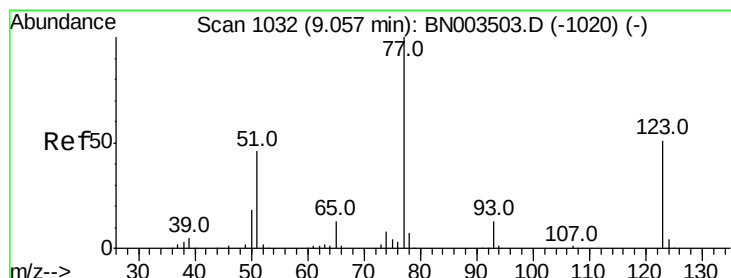
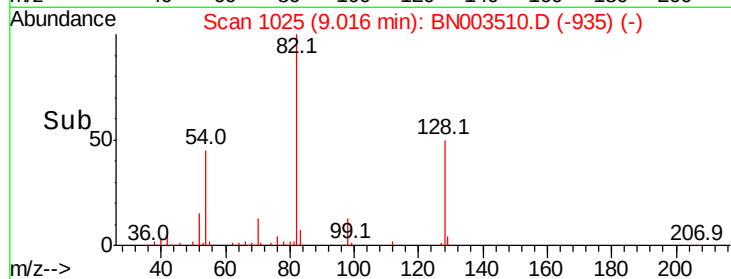
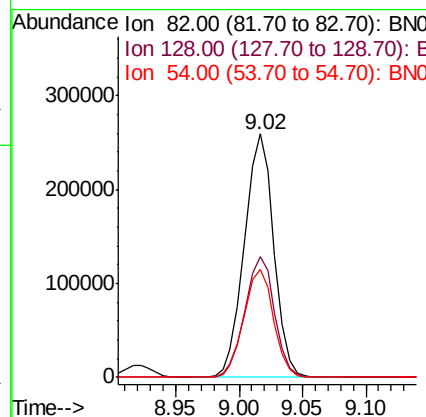
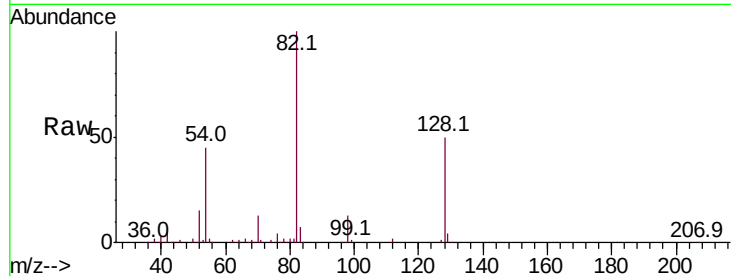




#23
 Nitrobenzene-d5
 Concen: 70.464 ng
 RT: 9.02 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

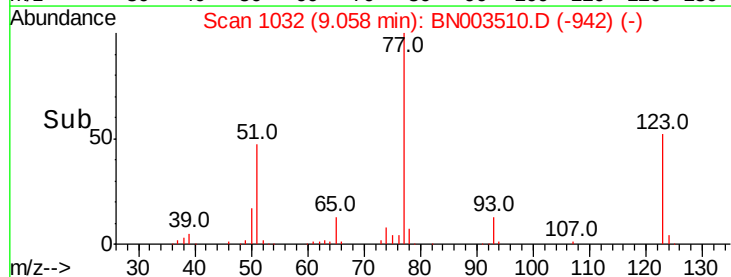
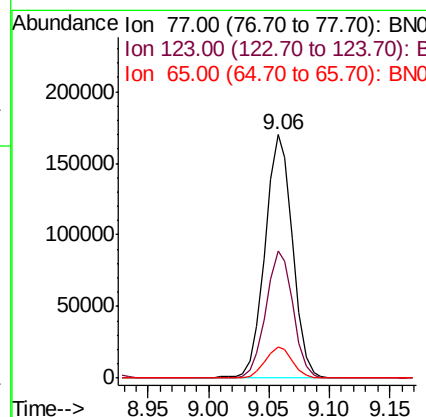
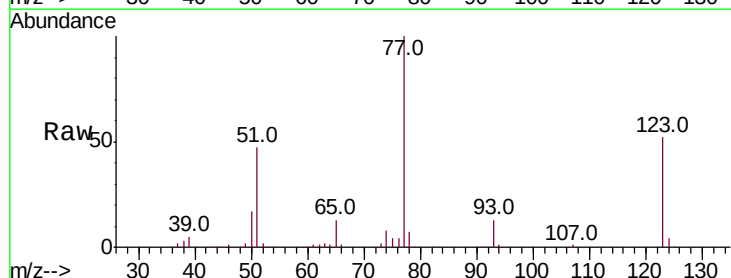
Instrument :
 BNA_N
 ClientSampleId :

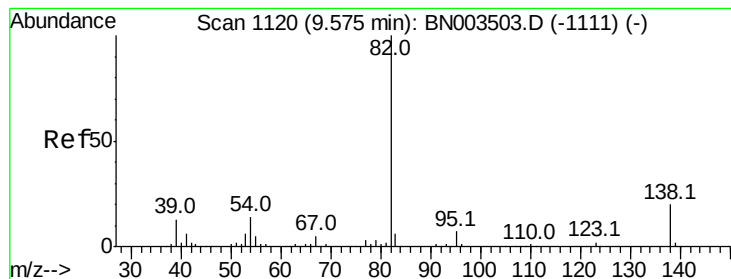
Tot Ion	Ratio	Lower	Upper
82	100		
128	49.8	40.0	60.0
54	44.6	36.1	54.1



#24
 Nitrobenzene
 Concen: 44.418 ng
 RT: 9.06 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.0	41.0	61.4
65	12.8	10.3	15.5





#25

Isophorone

Concen: 49.288 ng

RT: 9.58 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Instrument :

BNA_N

ClientSampleId :

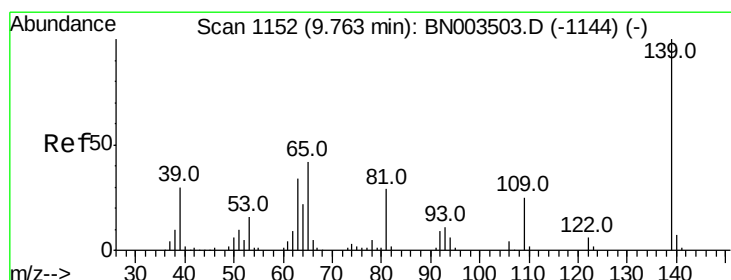
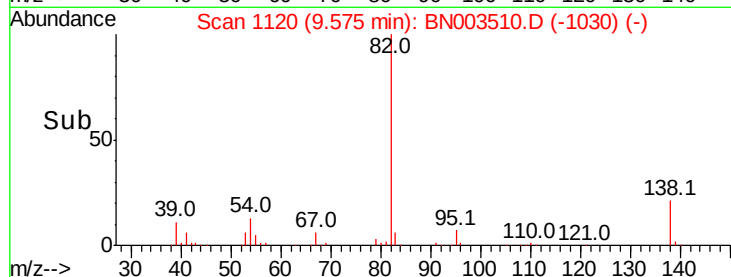
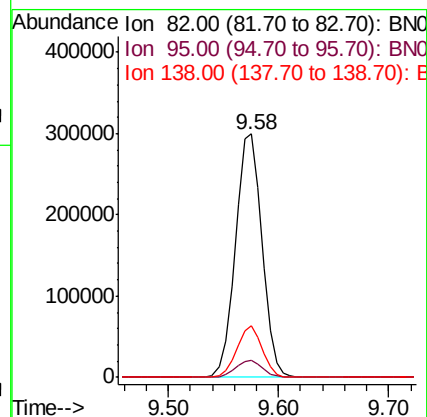
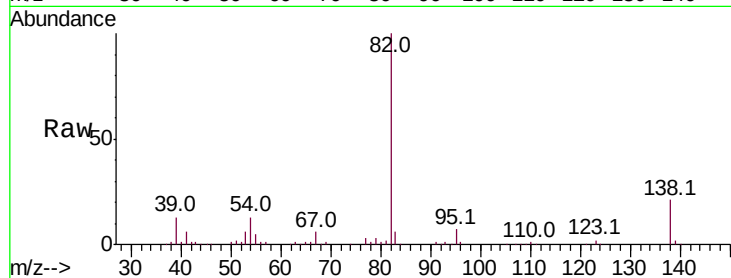
Tot Ion: 82 Resp: 505845

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

138 21.0 16.4 24.6



#26

2-Nitrophenol

Concen: 44.112 ng

RT: 9.76 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

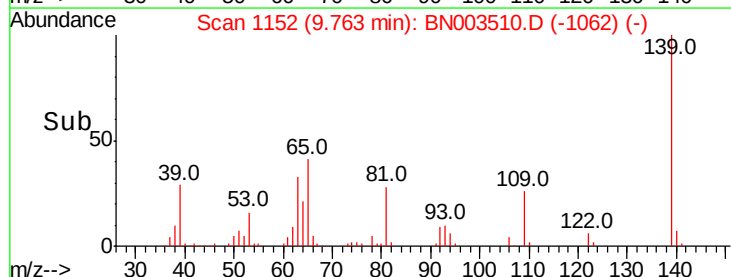
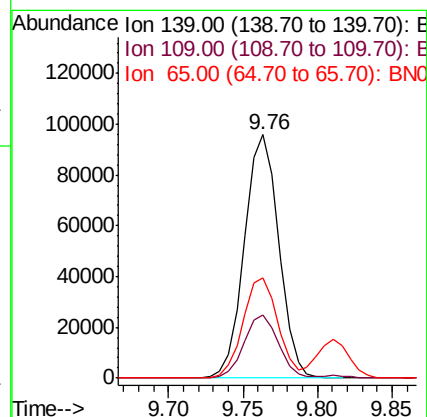
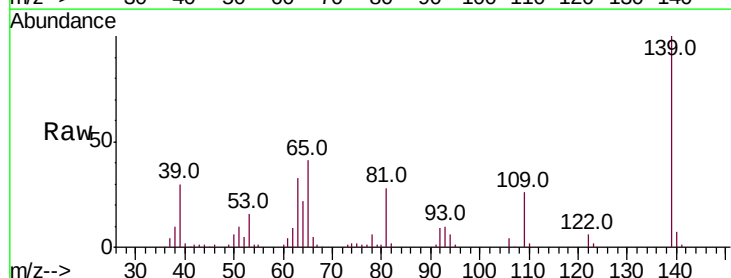
Tgt Ion: 139 Resp: 152524

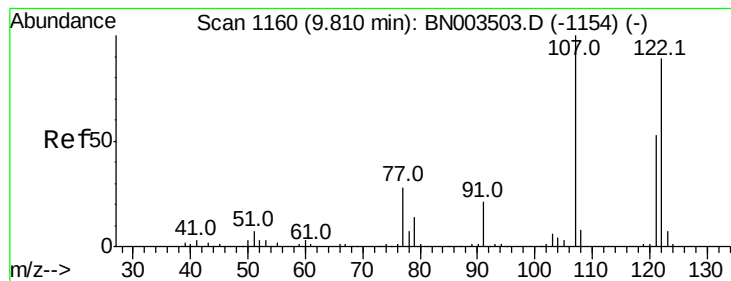
Ion Ratio Lower Upper

139 100

109 25.8 20.4 30.6

65 41.3 33.4 50.0





#27

2,4-Dimethylphenol

Concen: 53.768 ng

RT: 9.81 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Instrument :

BNA_N

ClientSampled :

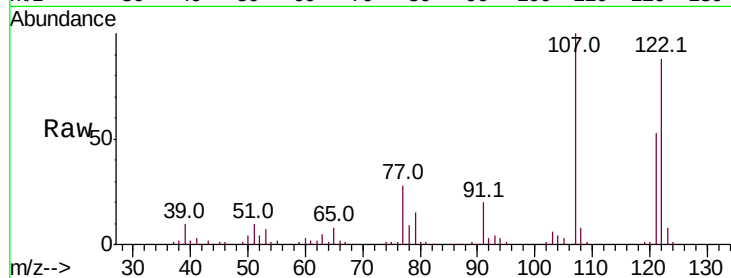
Tot Ion:122 Resp: 265727

Ion Ratio Lower Upper

122 100

107 113.0 88.6 132.8

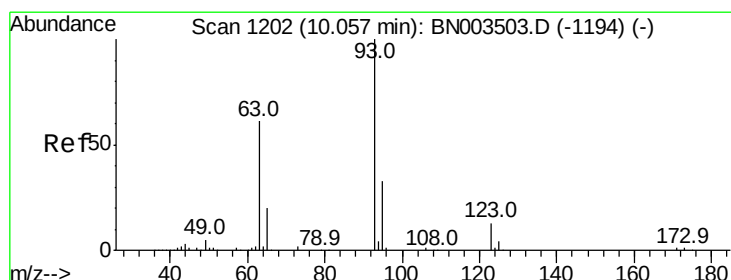
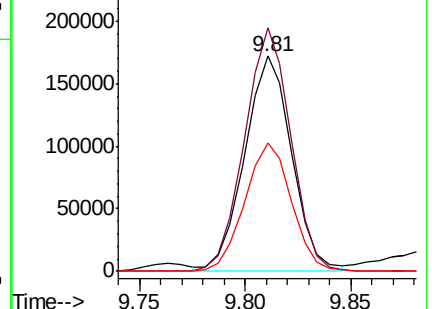
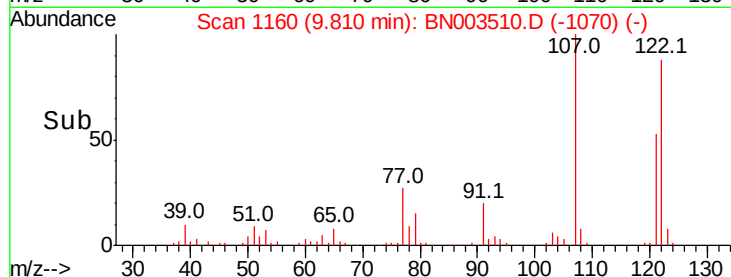
121 59.9 47.1 70.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 46.390 ng

RT: 10.06 min Scan# 1202

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

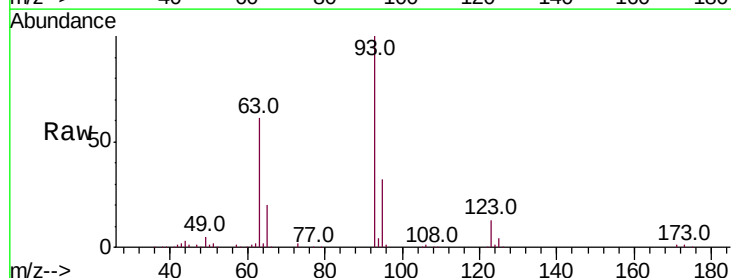
Tgt Ion: 93 Resp: 331477

Ion Ratio Lower Upper

93 100

95 32.5 26.4 39.6

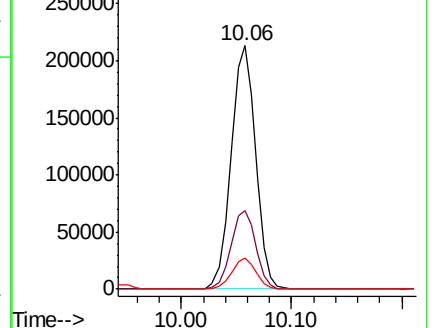
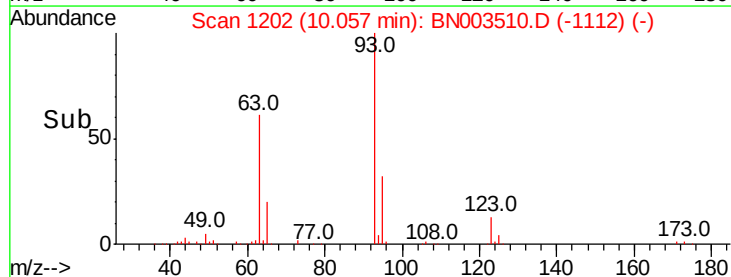
123 12.7 10.2 15.2

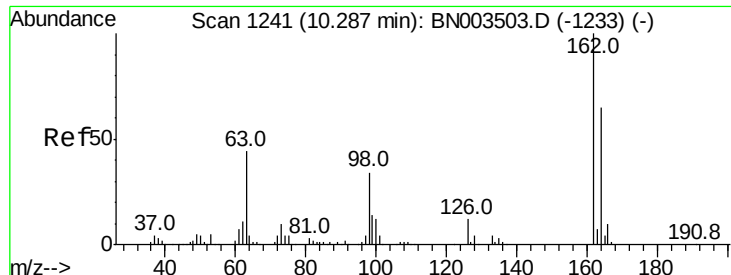


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E

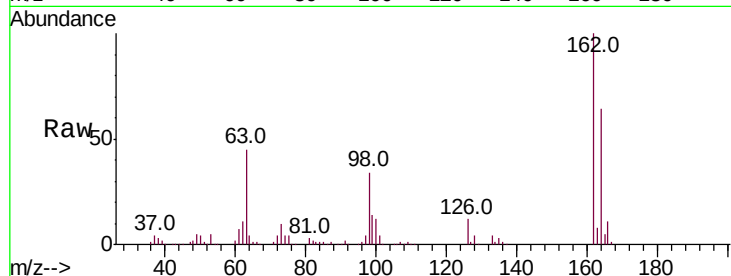




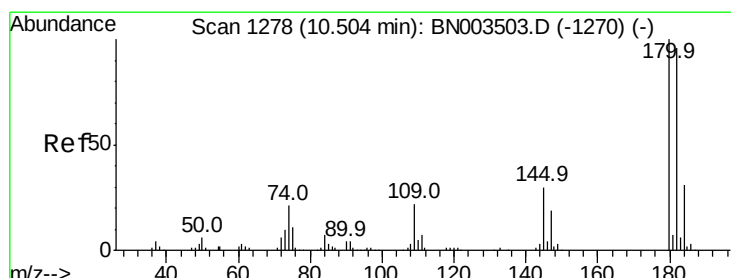
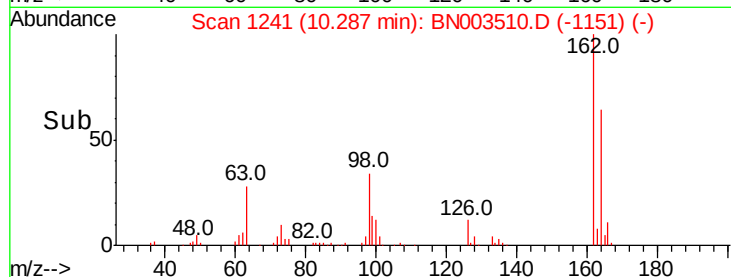
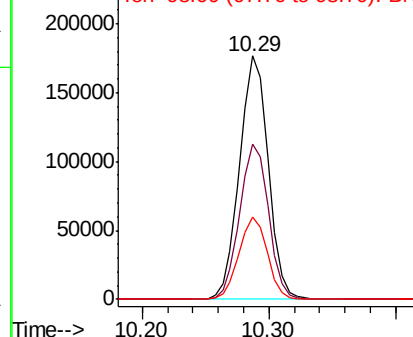
#29
2,4-Dichlorophenol
Concen: 47.599 ng
RT: 10.29 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.9	84.9
98	33.8	13.5	53.5

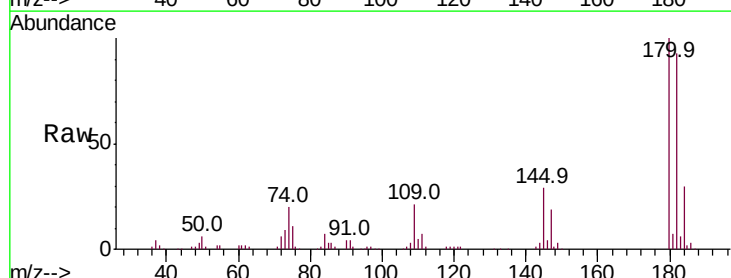


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BNO

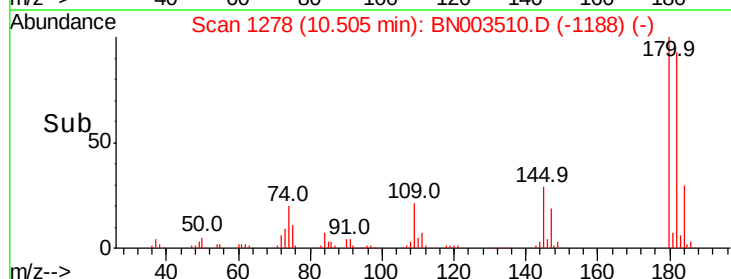
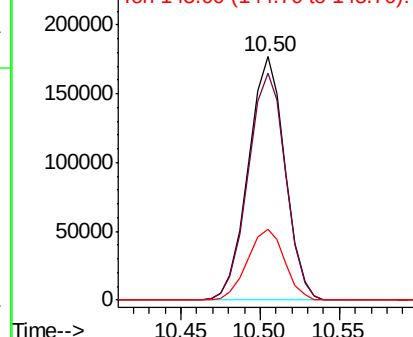


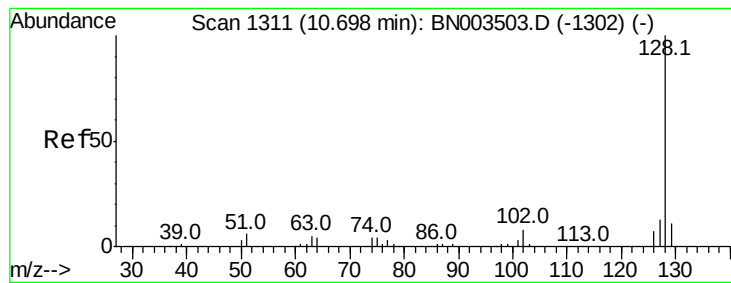
#30
1,2,4-Trichlorobenzene
Concen: 42.765 ng
RT: 10.50 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	76.6	115.0
145	29.3	23.9	35.9



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





#31

Naphthalene

Concen: 46.539 ng

RT: 10.70 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Instrument :

BNA_N

ClientSampleId :

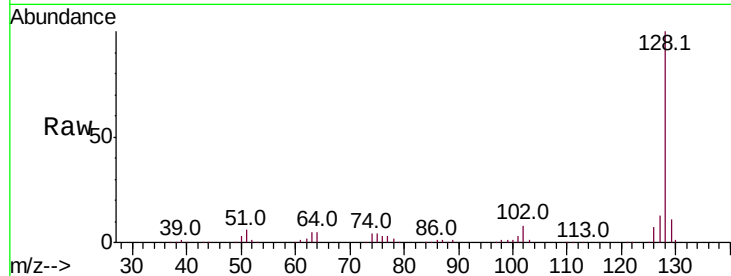
Tot Ion:128 Resp: 845093

Ion Ratio Lower Upper

128 100

129 10.8 8.7 13.1

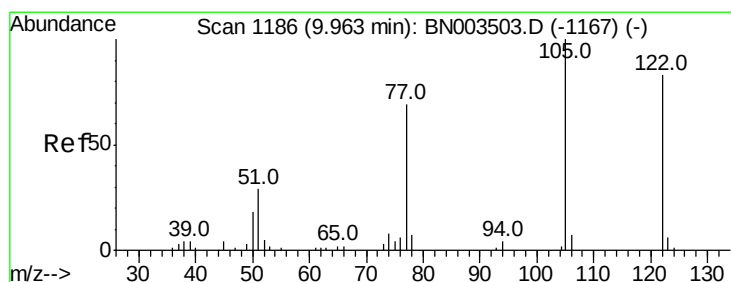
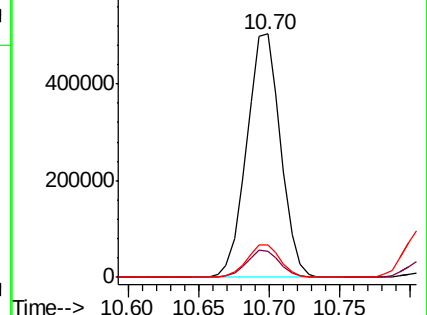
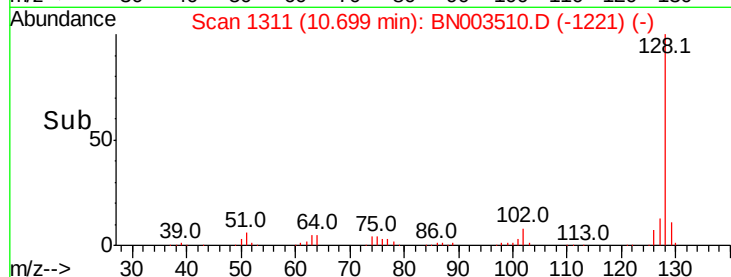
127 13.1 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.280 ng

RT: 9.95 min Scan# 1183

Delta R.T. -0.02 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

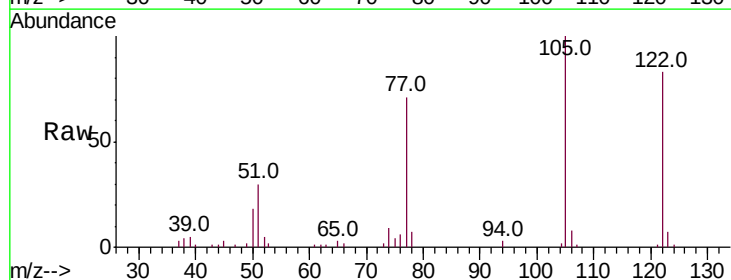
Tgt Ion:122 Resp: 168534

Ion Ratio Lower Upper

122 100

105 120.6 98.4 138.4

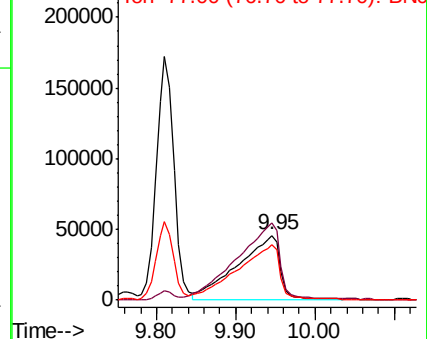
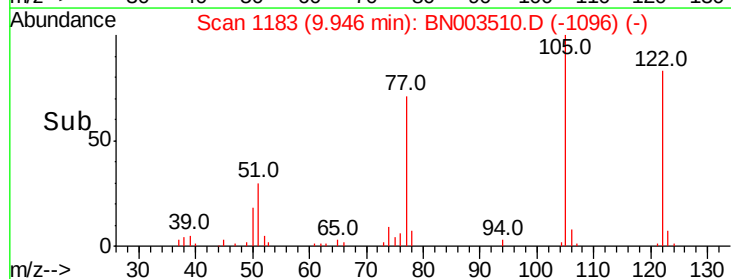
77 85.1 62.2 102.2

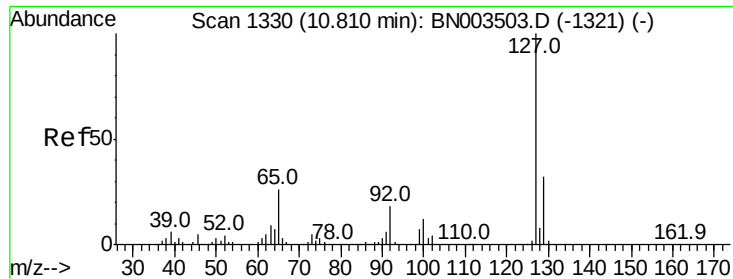


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNO

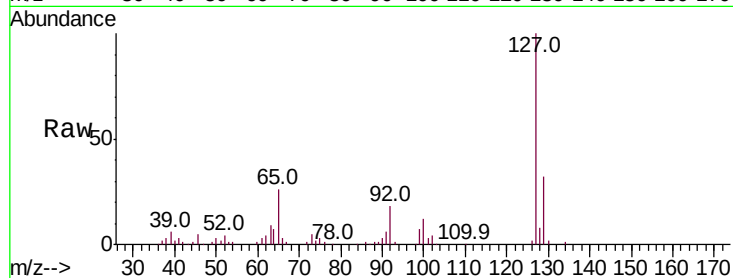




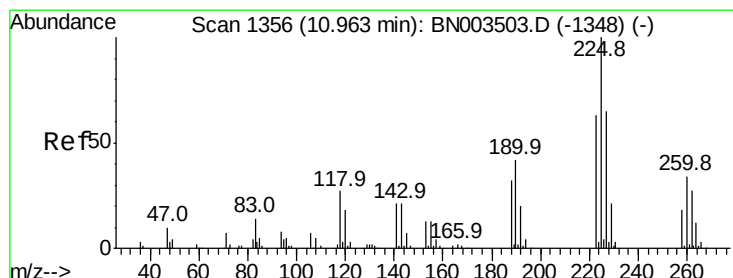
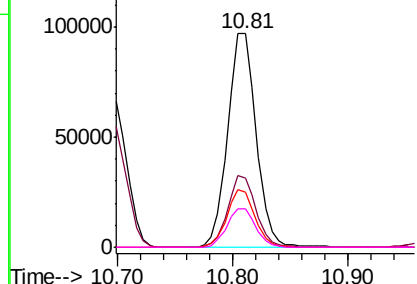
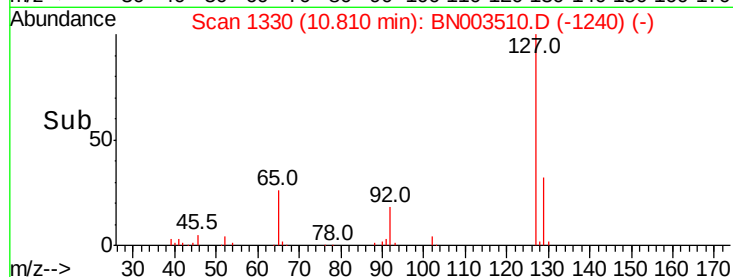
#33
4-Chloroaniline
Concen: 20.505 ng
RT: 10.81 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

Instrument :
BNA_N
ClientSampled :

Tot Ion:	127	Resp:	166138
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.0	39.0
65	26.0	21.2	31.8
92	17.9	14.6	22.0

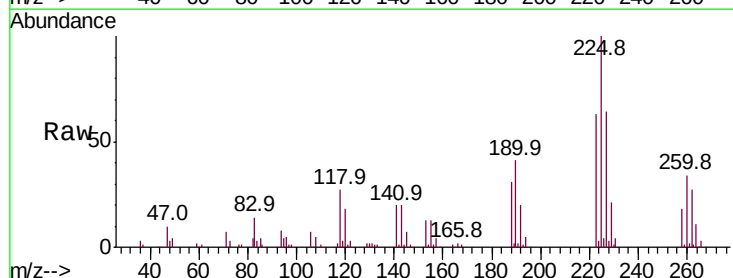


Abundance Ion 127.00 (126.70 to 127.70): E
150000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

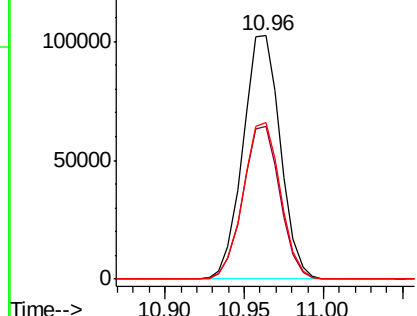
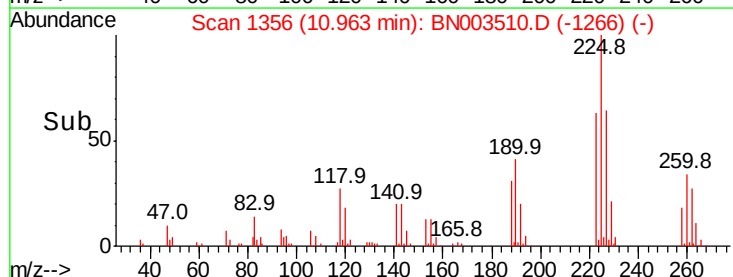


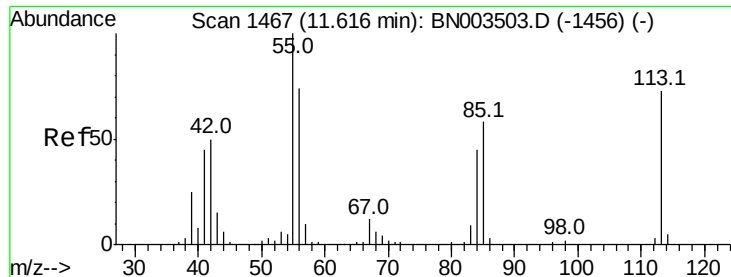
#34
Hexachlorobutadiene
Concen: 42.338 ng
RT: 10.96 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

Tgt Ion:	225	Resp:	168029
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	76.0
227	64.3	52.0	78.0



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

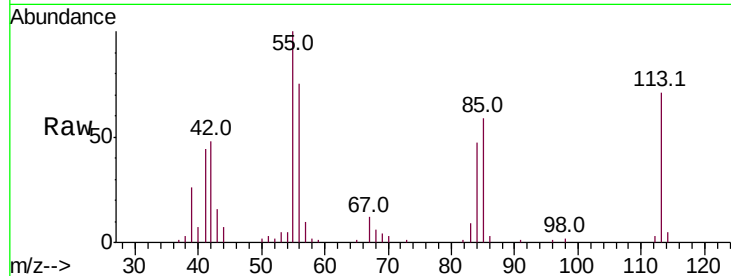




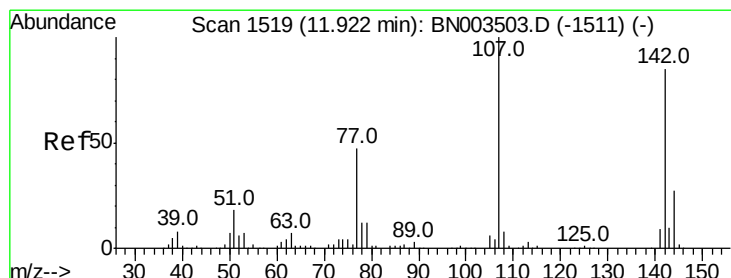
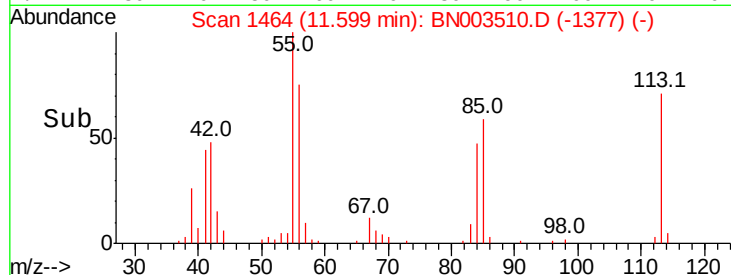
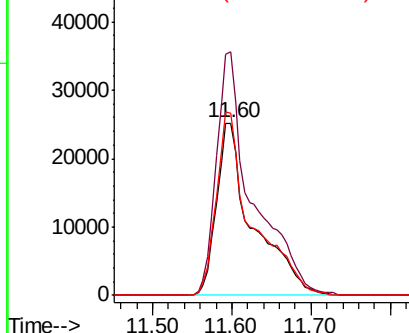
#35
 Caprolactam
 Concen: 39.152 ng
 RT: 11.60 min Scan# 1464
 Delta R.T. -0.02 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:113 Resp: 80284
 Ion Ratio Lower Upper
 113 100
 55 141.5 117.0 157.0
 56 105.9 82.0 122.0

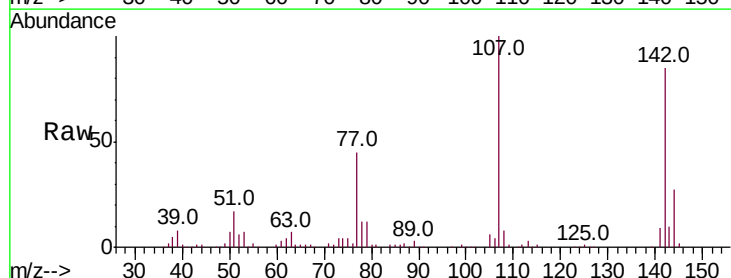


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BNO
 Ion 56.00 (55.70 to 56.70): BNO

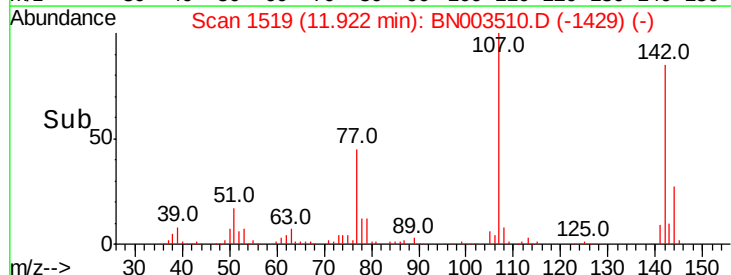
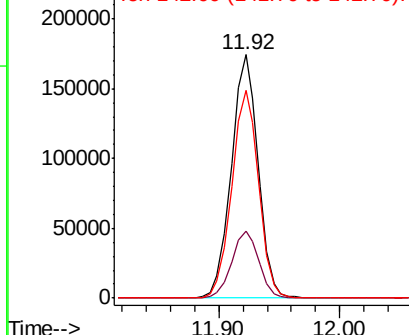


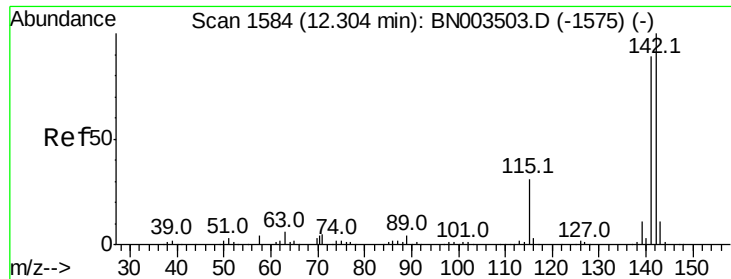
#36
 4-Chloro-3-methylphenol
 Concen: 43.727 ng
 RT: 11.92 min Scan# 1519
 Delta R.T. 0.00 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

Tgt Ion:107 Resp: 269362
 Ion Ratio Lower Upper
 107 100
 144 27.4 22.0 33.0
 142 85.1 68.0 102.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

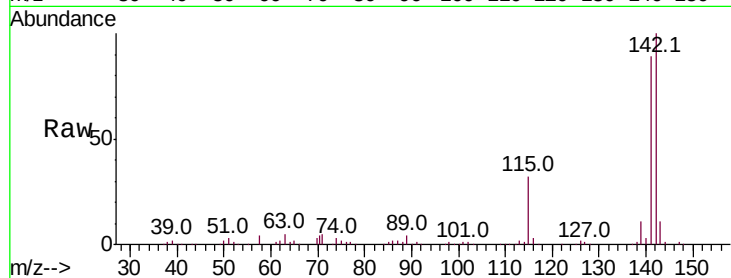




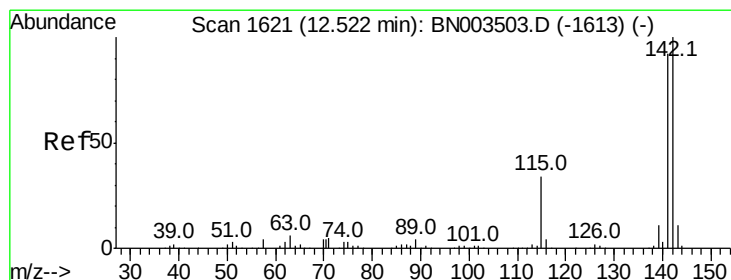
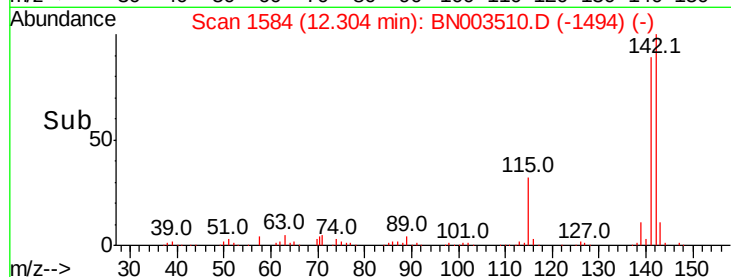
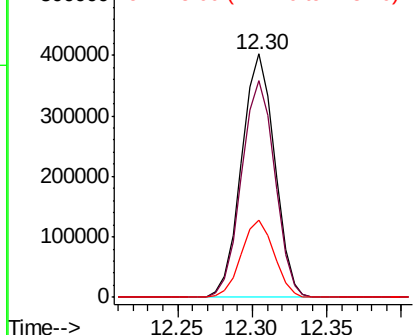
#37
2-Methylnaphthalene
Concen: 47.878 ng
RT: 12.30 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

Instrument :
BNA_N
ClientSampleId :

Tot Ion:142 Resp: 620925
Ion Ratio Lower Upper
142 100
141 89.0 71.0 106.6
115 31.9 25.1 37.7

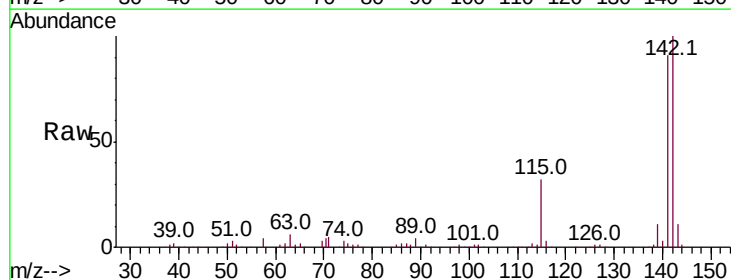


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

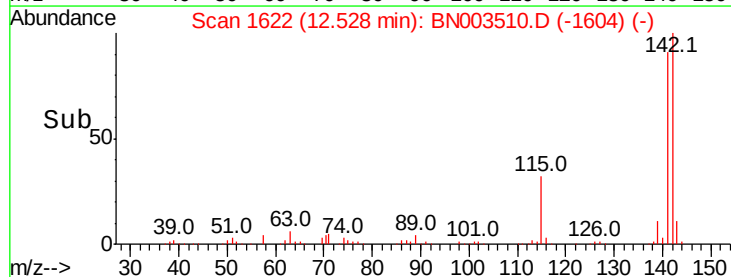
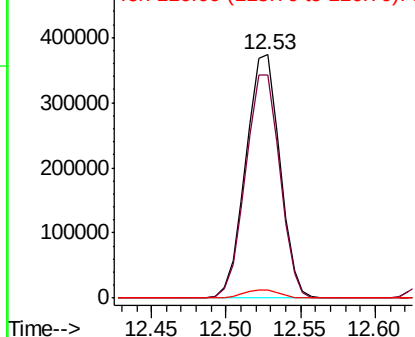


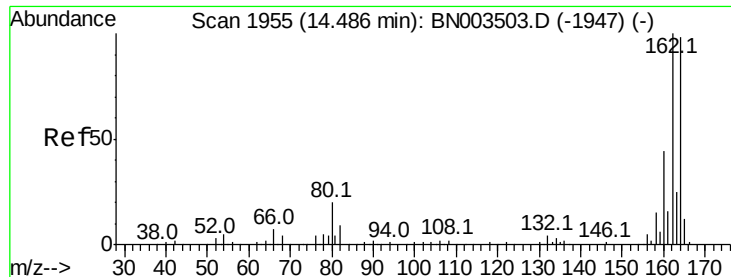
#38
1-Methylnaphthalene
Concen: 46.913 ng
RT: 12.53 min Scan# 1622
Delta R.T. 0.01 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

Tgt Ion:142 Resp: 589300
Ion Ratio Lower Upper
142 100
141 91.5 73.9 110.9
116 3.4 2.8 4.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.48 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

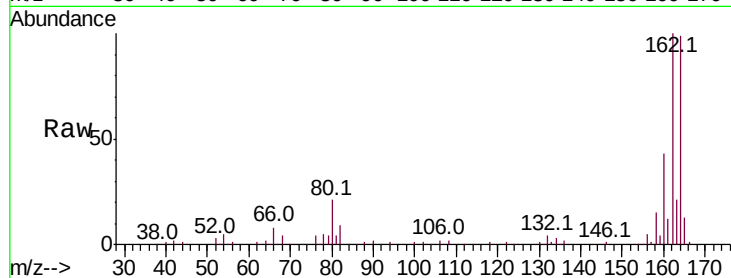
Instrument :

BNA_N

ClientSampleId :

Tot Ion:164 Resp: 209716

Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.8	122.6
160	43.6	36.2	54.2

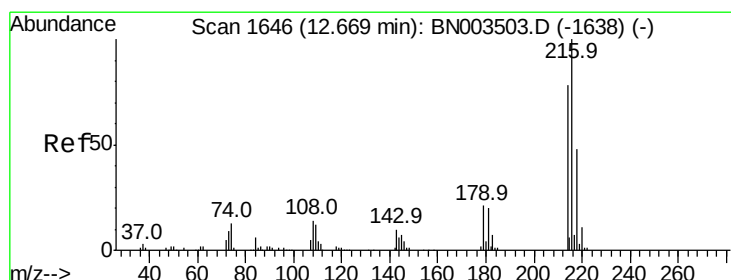
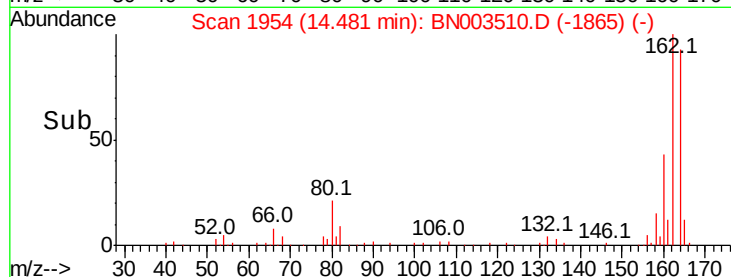
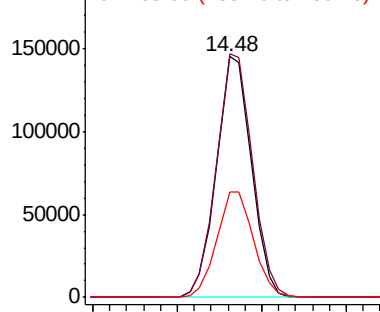


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.188 ng

RT: 12.67 min Scan# 1646

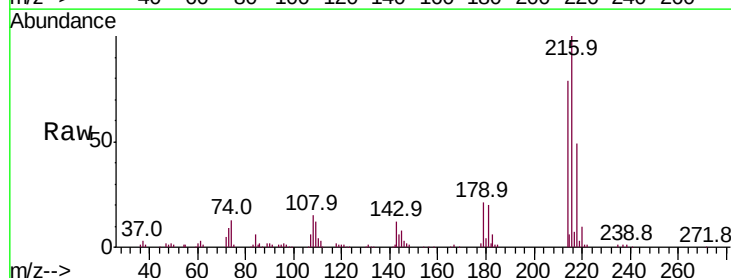
Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Tgt Ion:216 Resp: 325570

Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.6	94.0
179	20.5	16.5	24.7
108	18.2	12.8	19.2



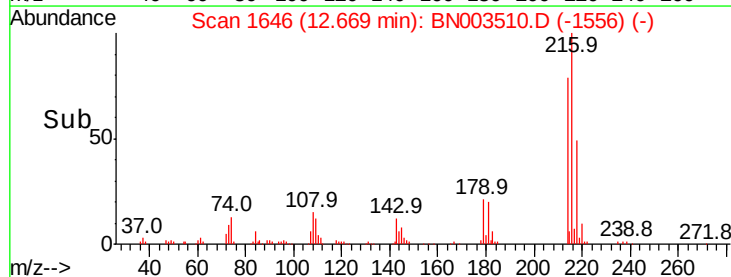
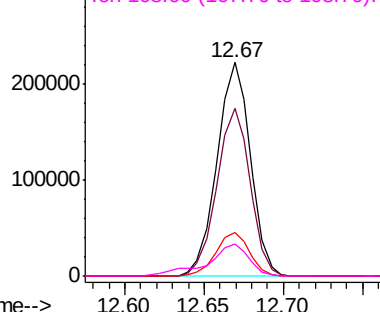
Abundance

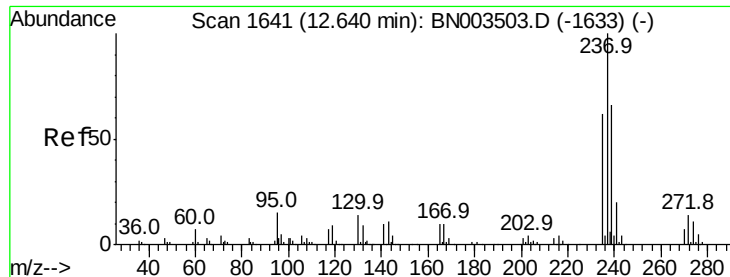
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 110.350 ng

RT: 12.64 min Scan# 1641

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

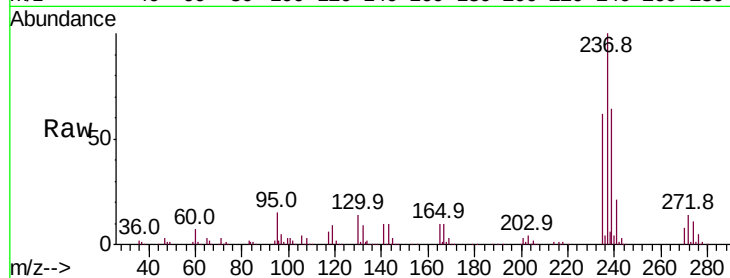
Instrument :

BNA_N

ClientSampleId :

Tot Ion:237 Resp: 454974

Ion	Ratio	Lower	Upper
237	100		
235	61.9	41.8	81.8
272	14.3	0.0	34.1

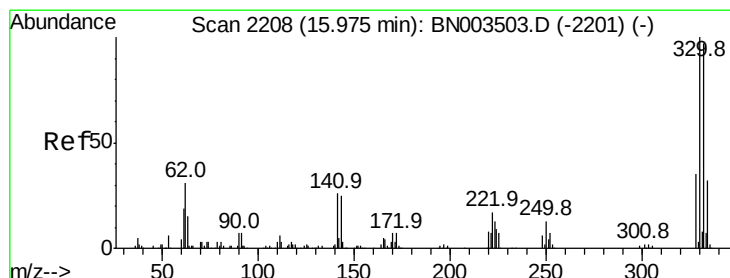
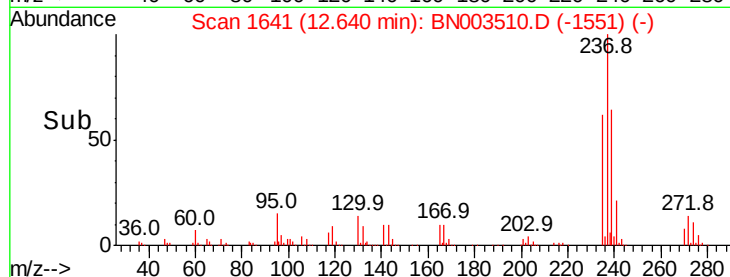
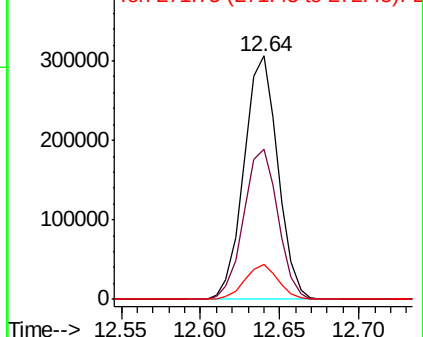


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 129.944 ng

RT: 15.97 min Scan# 2208

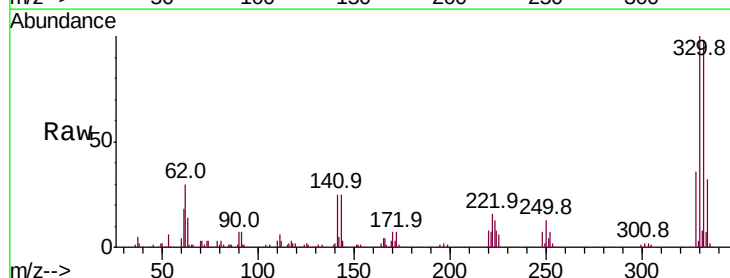
Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Tgt Ion:330 Resp: 406249

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.8	115.2
141	27.1	21.6	32.4

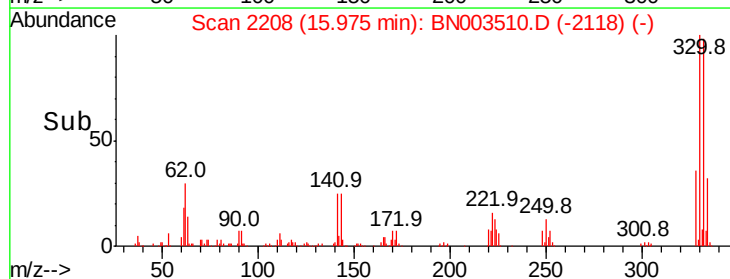
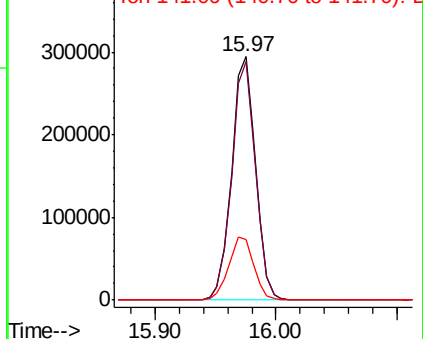


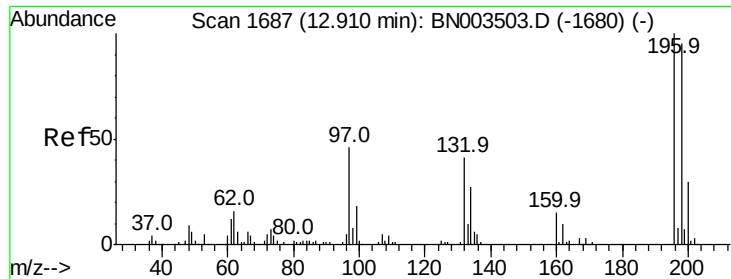
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

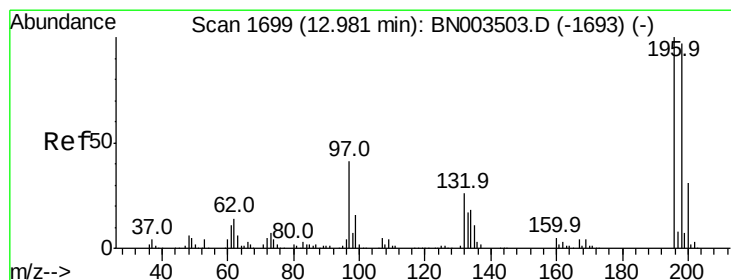
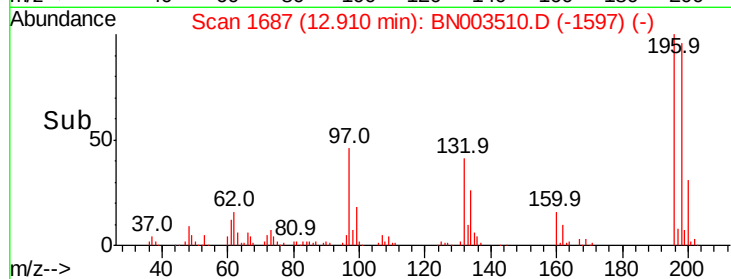
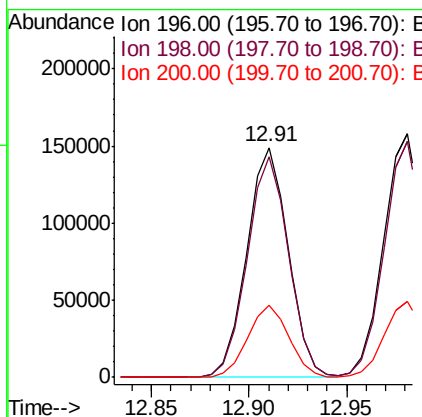
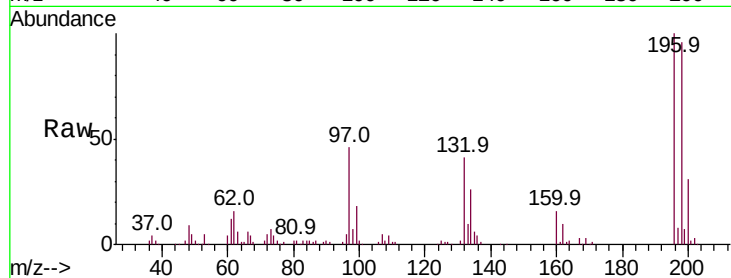




#43
 2,4,6-Trichlorophenol
 Concen: 46.849 ng
 RT: 12.91 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

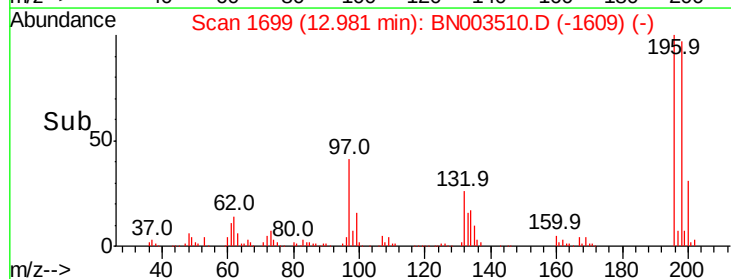
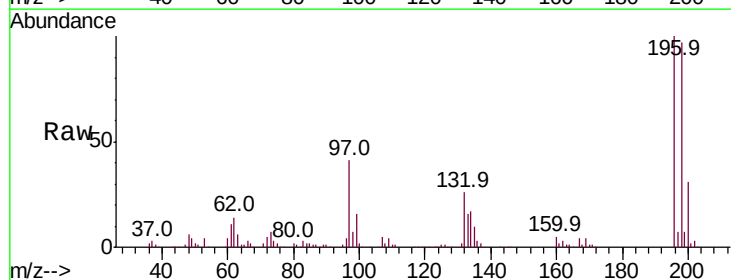
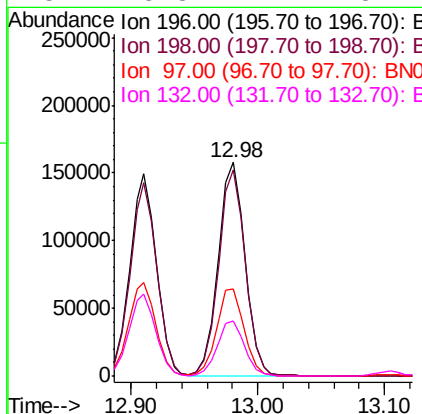
Instrument :
 BNA_N
 ClientSampleId :

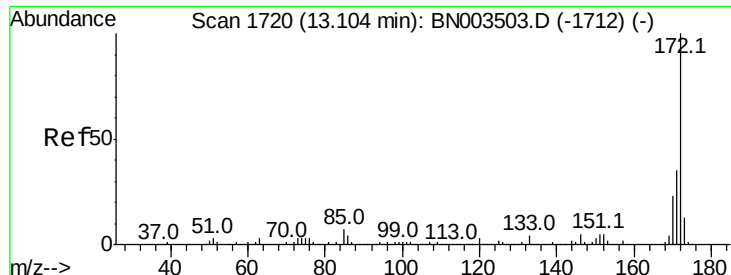
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.1	114.1
200	31.4	24.2	36.4



#44
 2,4,5-Trichlorophenol
 Concen: 46.729 ng
 RT: 12.98 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.8	77.6	116.4
97	40.6	33.0	49.4
132	25.8	21.1	31.7



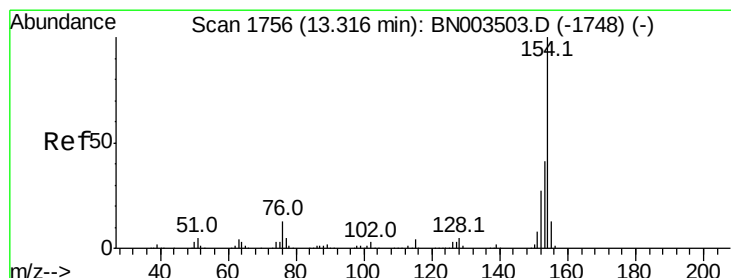
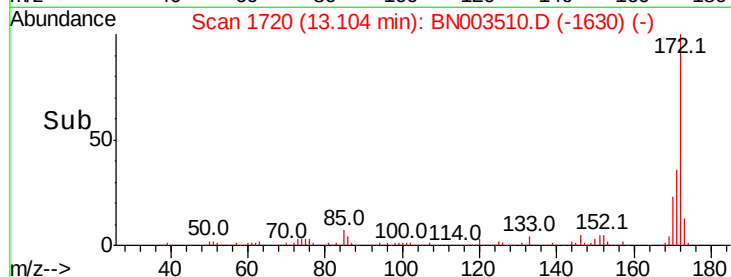
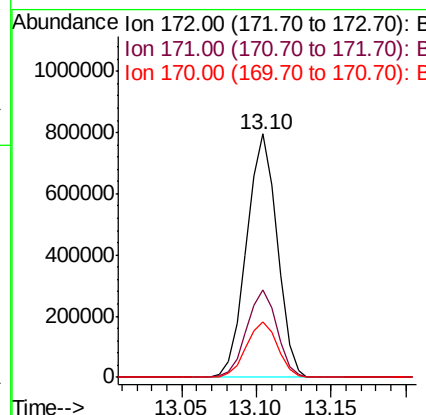
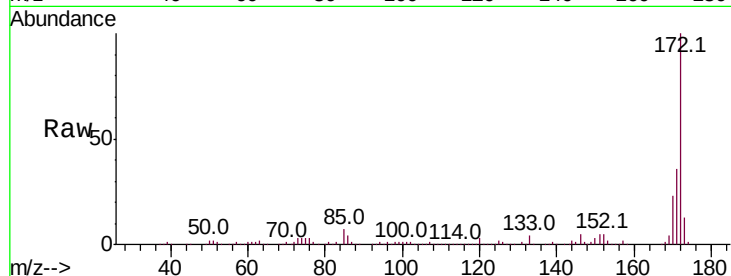


#45
 2-Fluorobiphenyl
 Concen: 71.726 ng
 RT: 13.10 min Scan# 1720
 Delta R.T. 0.00 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:172 Resp: 1126951

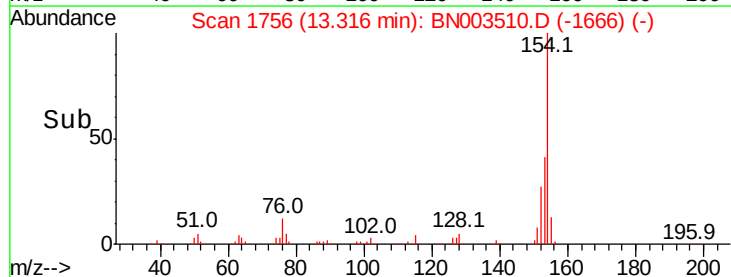
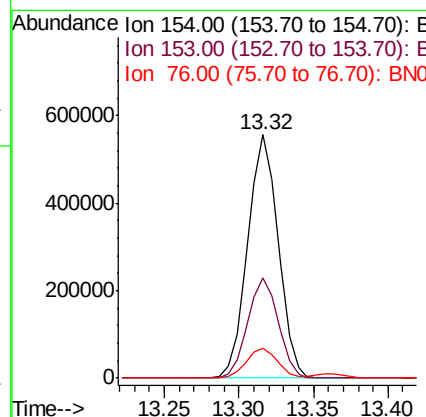
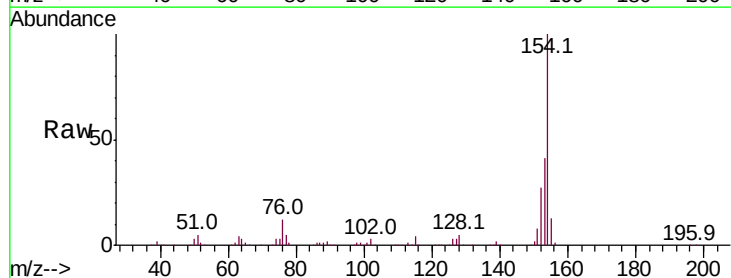
Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.3	42.5
170	23.0	18.7	28.1

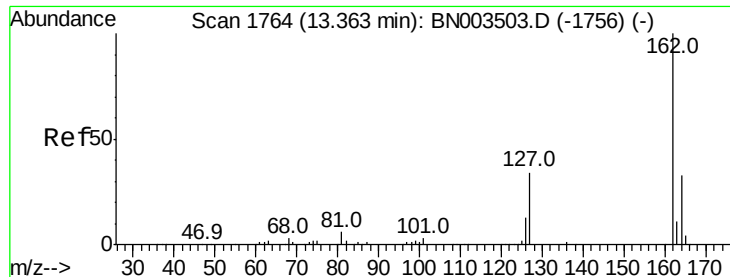


#46
 1,1'-Biphenyl
 Concen: 42.241 ng
 RT: 13.32 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

Tgt Ion:154 Resp: 784588

Ion	Ratio	Lower	Upper
154	100		
153	41.3	20.6	60.6
76	12.4	0.0	32.5



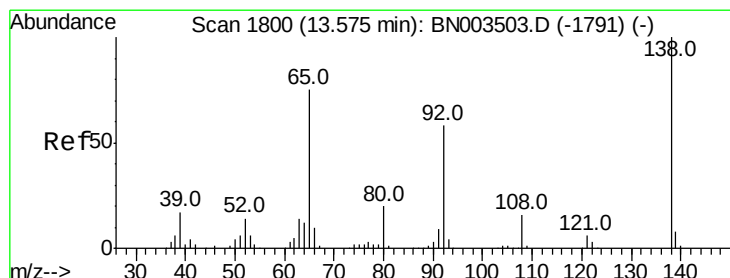
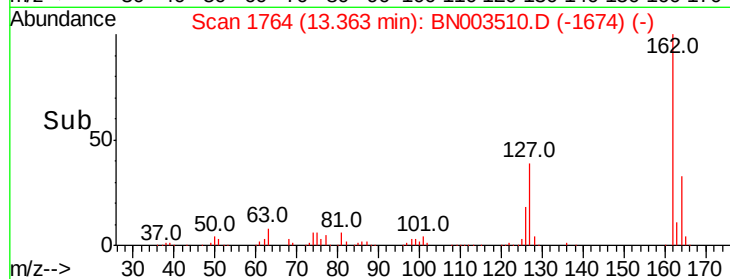
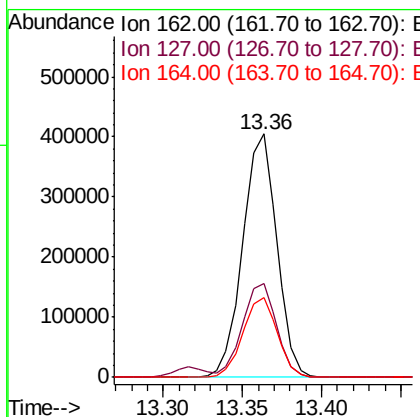
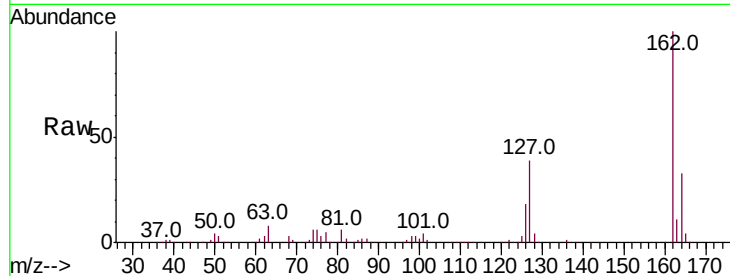


#47
 2-Chloronaphthalene
 Concen: 43.314 ng
 RT: 13.36 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:162 Resp: 605309

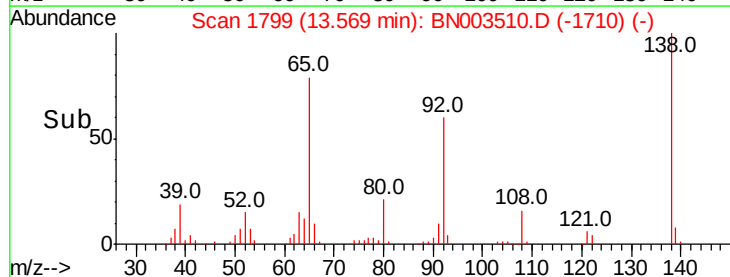
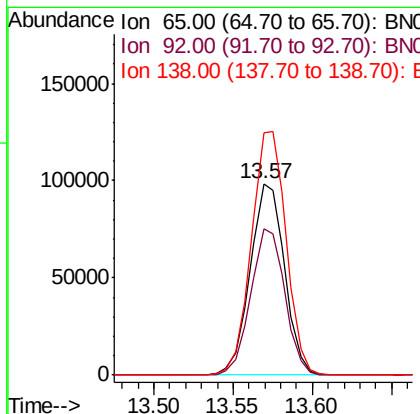
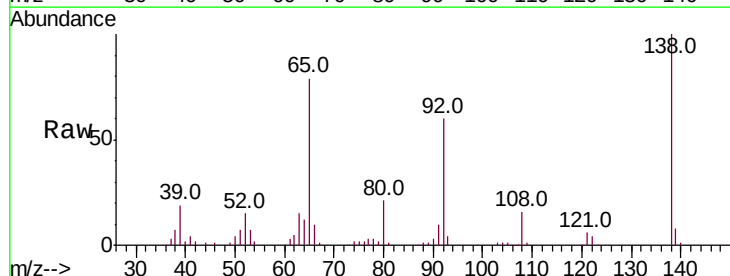
Ion	Ratio	Lower	Upper
162	100		
127	38.5	30.7	46.1
164	32.7	26.1	39.1

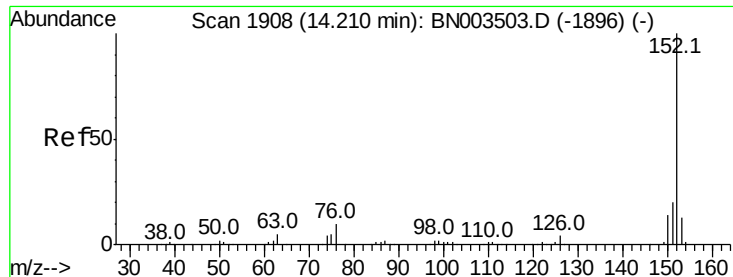


#48
 2-Nitroaniline
 Concen: 42.689 ng
 RT: 13.57 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

Tgt Ion: 65 Resp: 148644

Ion	Ratio	Lower	Upper
65	100		
92	76.4	61.4	92.0
138	126.6	106.8	160.2





#49

Acenaphthylene

Concen: 47.626 ng

RT: 14.21 min Scan# 1908

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Instrument :

BNA_N

ClientSampled :

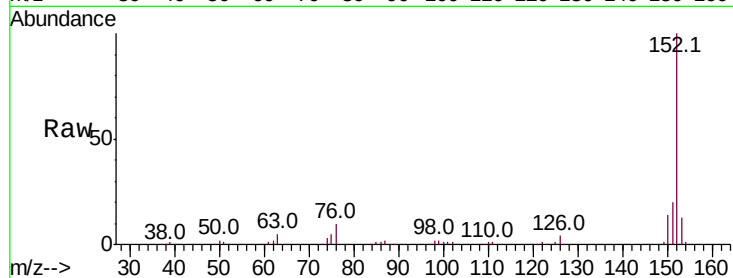
Tot Ion:152 Resp: 981893

Ion Ratio Lower Upper

152 100

151 19.8 16.1 24.1

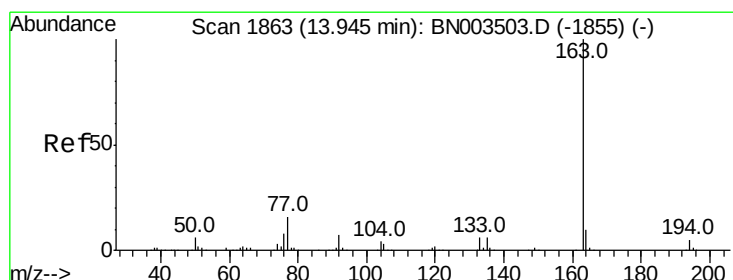
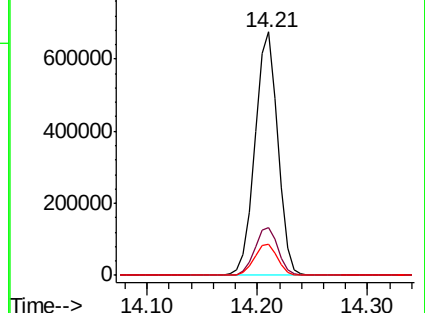
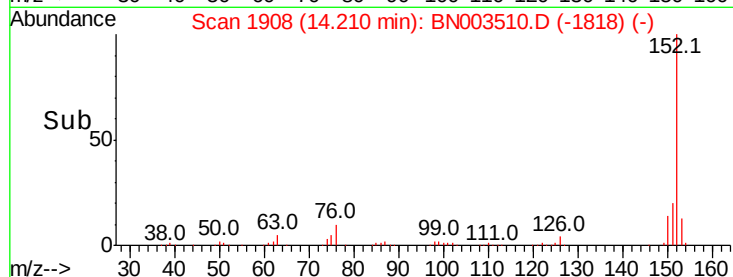
153 13.0 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.396 ng

RT: 13.94 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

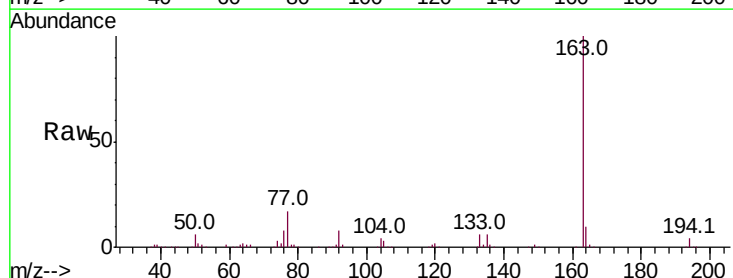
Tgt Ion:163 Resp: 745822

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

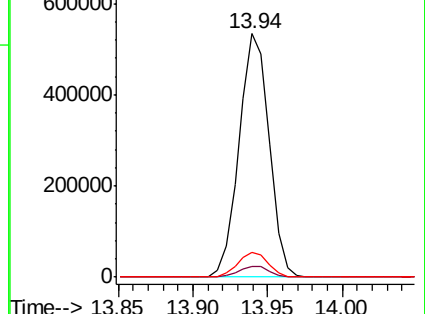
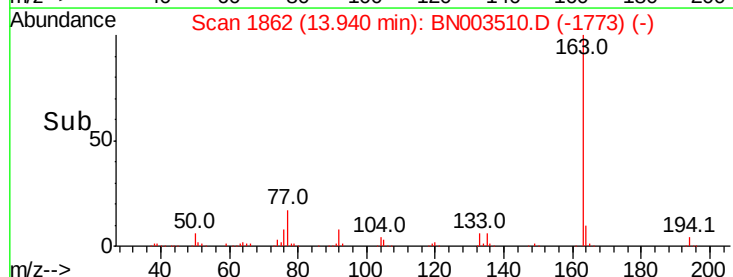
164 10.2 7.9 11.9

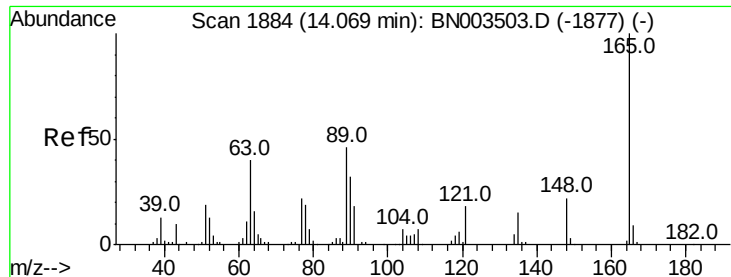


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.366 ng

RT: 14.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Instrument :

BNA_N

ClientSampleId :

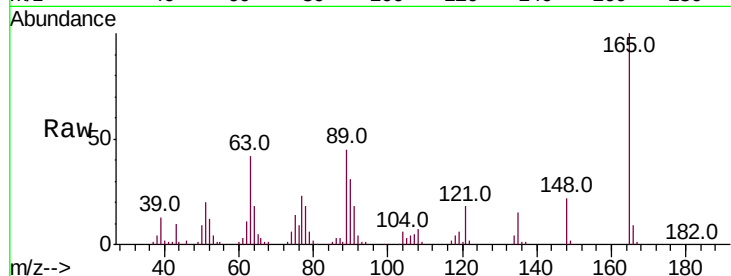
Tot Ion:165 Resp: 166301

Ion Ratio Lower Upper

165 100

63 42.0 34.3 51.5

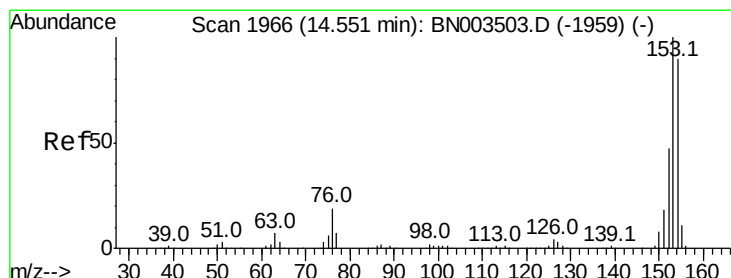
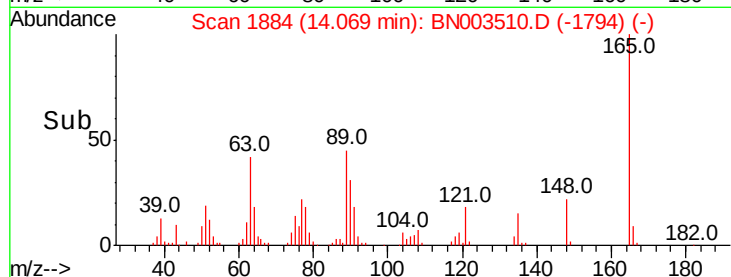
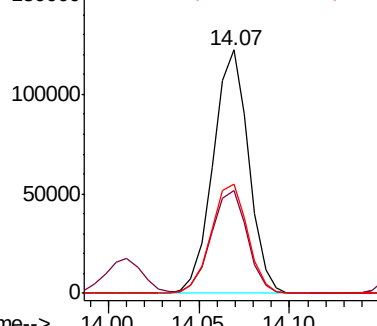
89 44.7 36.7 55.1



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BN0

Ion 89.00 (88.70 to 89.70): BN0



#52

Acenaphthene

Concen: 44.648 ng

RT: 14.55 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

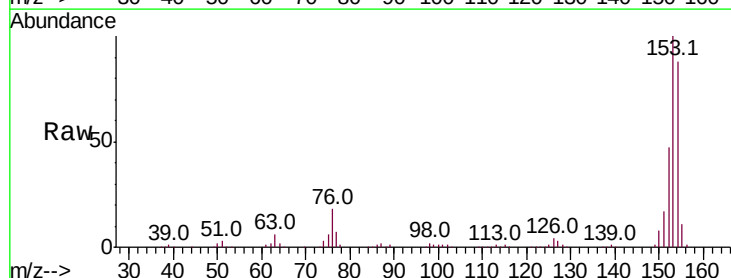
Tgt Ion:154 Resp: 558260

Ion Ratio Lower Upper

154 100

153 113.9 88.9 133.3

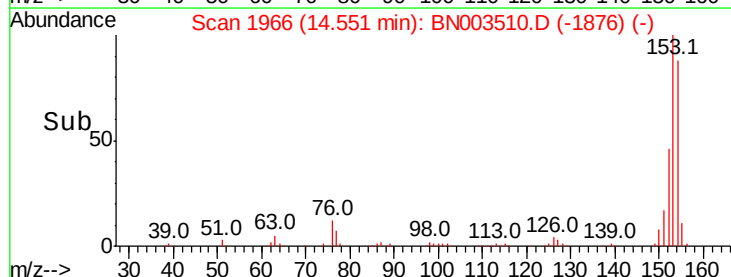
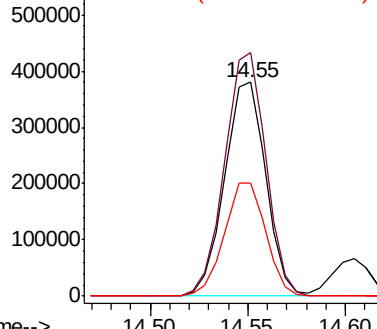
152 53.1 42.1 63.1

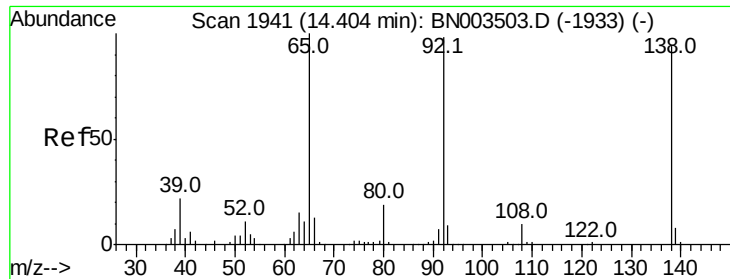


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

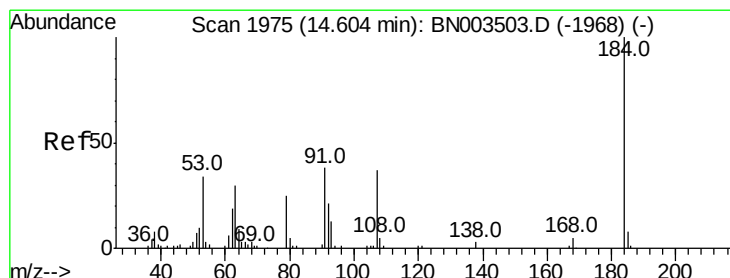
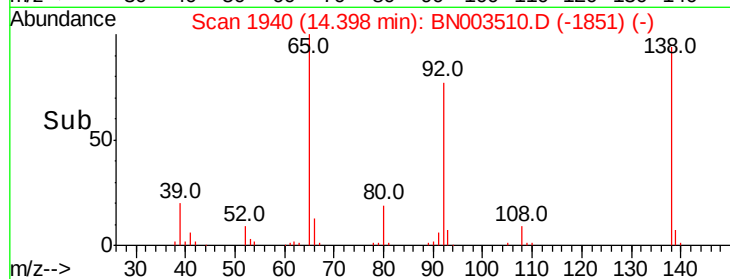
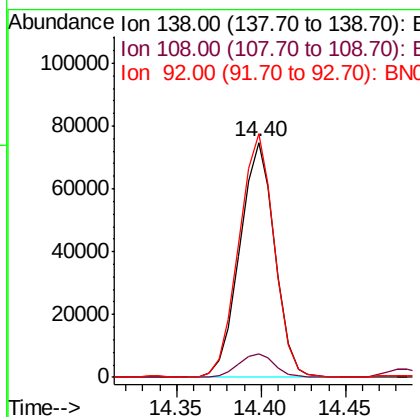
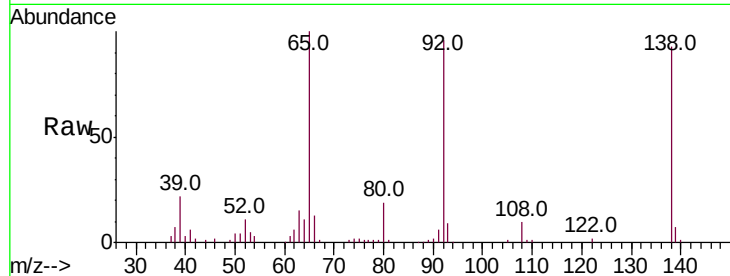




#53
 3-Nitroaniline
 Concen: 26.314 ng
 RT: 14.40 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

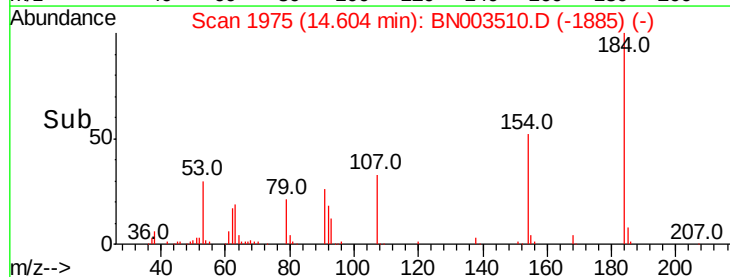
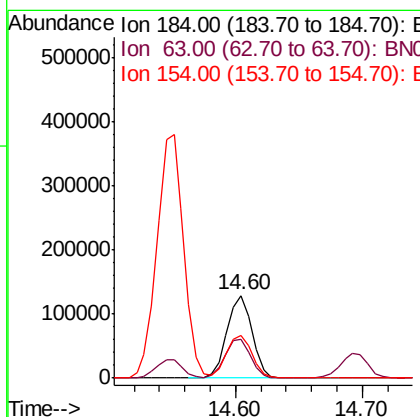
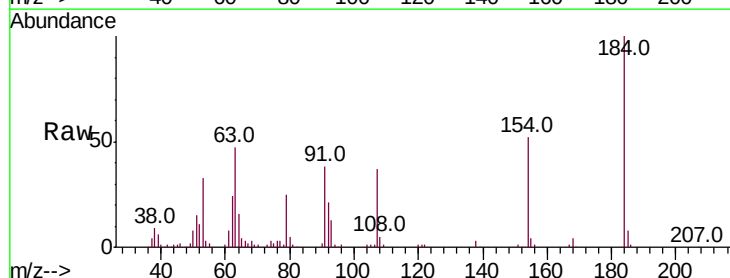
Instrument :
 BNA_N
 ClientSampleId :

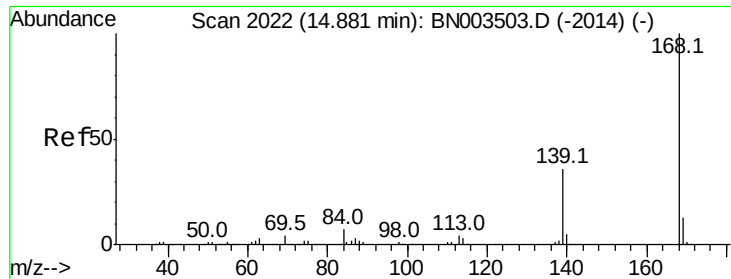
Tot Ion:138 Resp: 107878
 Ion Ratio Lower Upper
 138 100
 108 10.2 8.2 12.4
 92 103.7 83.5 125.3



#54
 2,4-Dinitrophenol
 Concen: 83.492 ng
 RT: 14.60 min Scan# 1975
 Delta R.T. 0.00 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

Tgt Ion:184 Resp: 177046
 Ion Ratio Lower Upper
 184 100
 63 46.7 37.8 56.8
 154 52.0 41.9 62.9

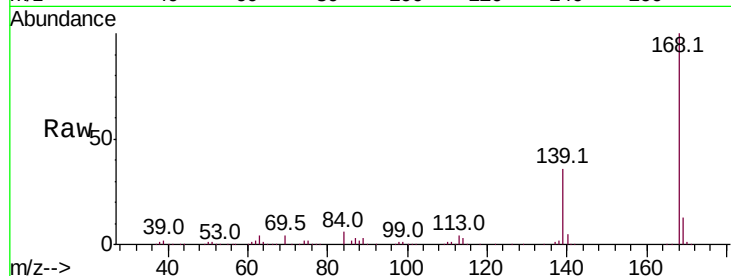




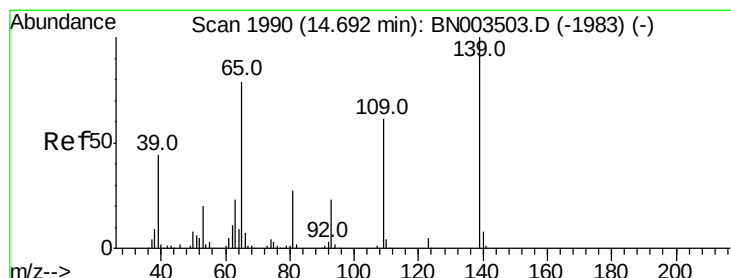
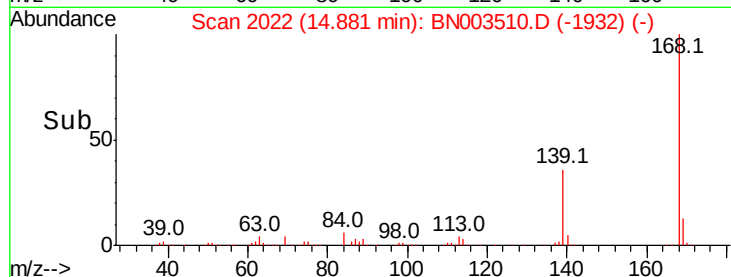
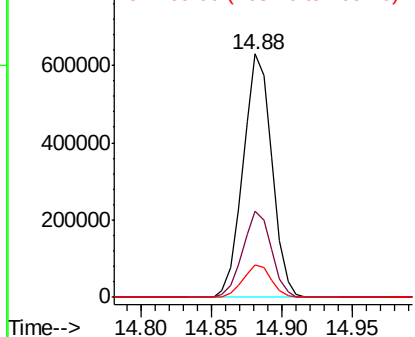
#55
Dibenzenofuran
Concen: 43.529 ng
RT: 14.88 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

Instrument :
BNA_N
ClientSampleId :

Tot Ion:168 Resp: 896583
Ion Ratio Lower Upper
168 100
139 35.6 28.7 43.1
169 13.3 10.8 16.2

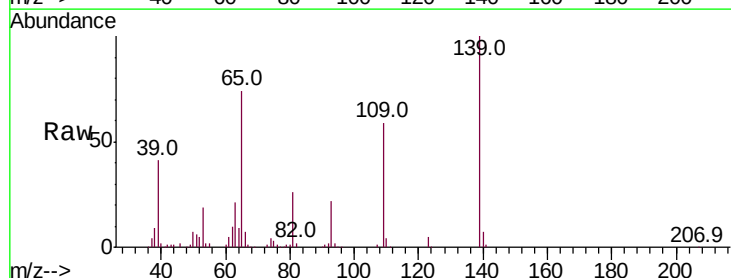


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

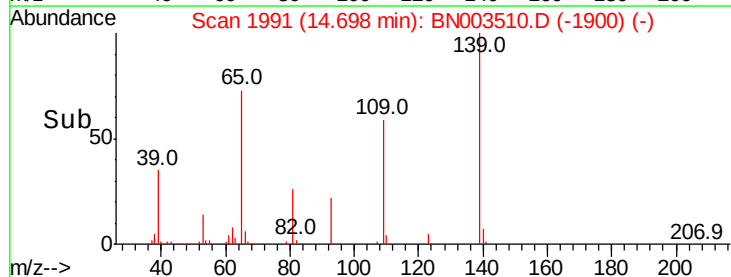
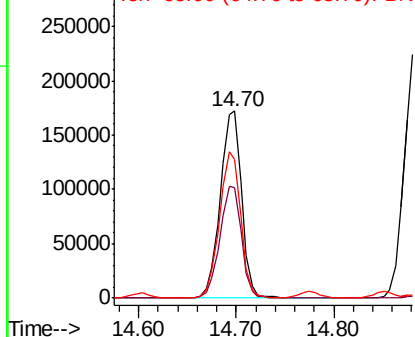


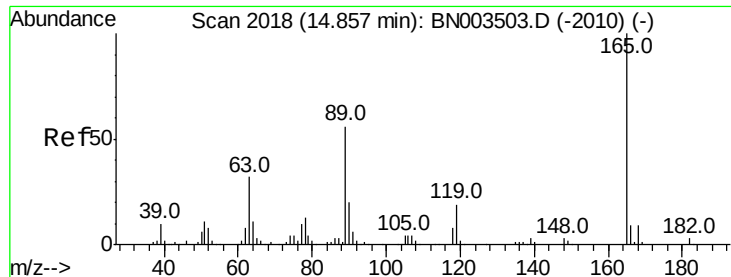
#56
4-Nitrophenol
Concen: 83.345 ng
RT: 14.70 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

Tgt Ion:139 Resp: 261065
Ion Ratio Lower Upper
139 100
109 59.3 40.9 80.9
65 74.3 59.4 99.4



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





#57

2,4-Dinitrotoluene

Concen: 42.377 ng

RT: 14.85 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Instrument :

BNA_N

ClientSampled :

Tot Ion:165 Resp: 219656

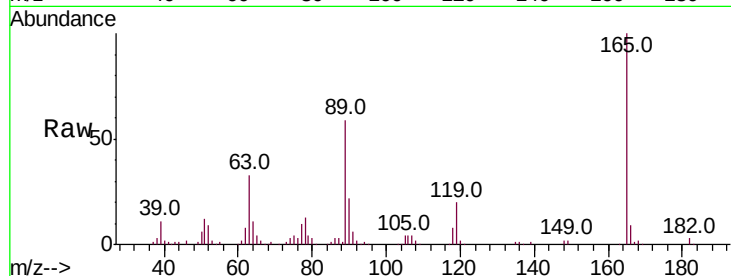
Ion Ratio Lower Upper

165 100

63 33.5 25.4 38.2

89 59.5 44.7 67.1

182 3.2 2.6 3.8

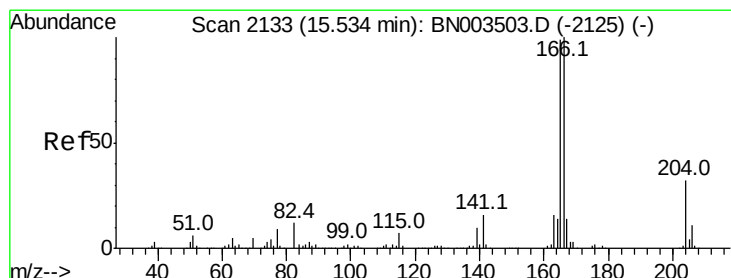
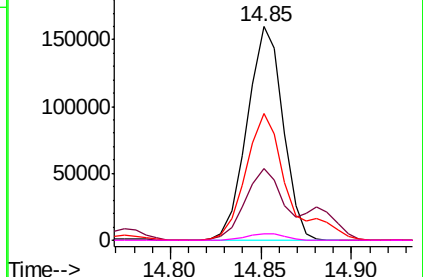
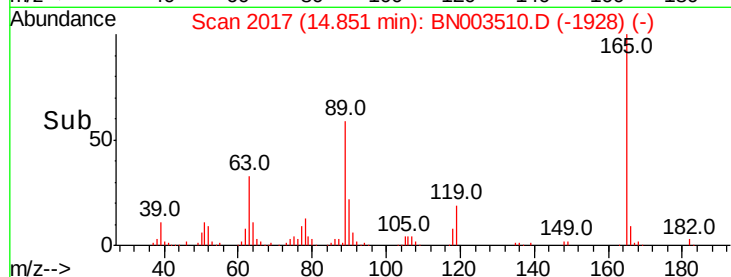


Abundance Ion 165.00 (164.70 to 165.70): E

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: 46.221 ng

RT: 15.53 min Scan# 2133

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

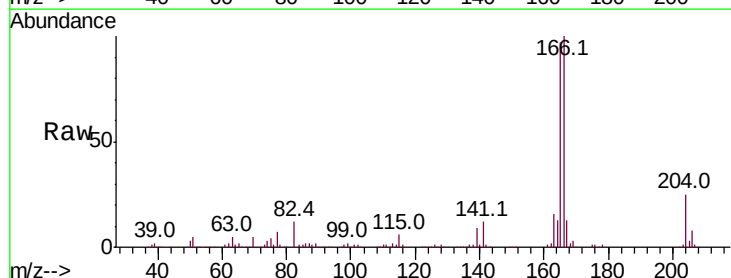
Tgt Ion:166 Resp: 703467

Ion Ratio Lower Upper

166 100

165 97.3 78.8 118.2

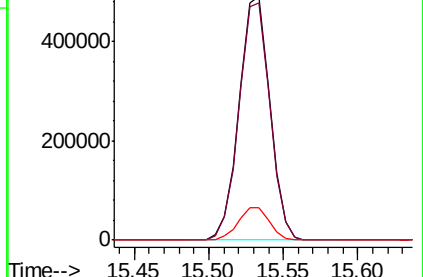
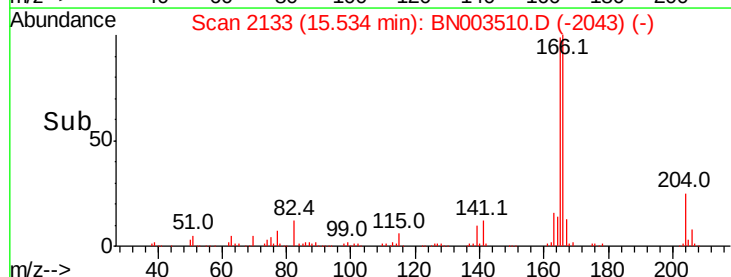
167 13.3 11.0 16.4

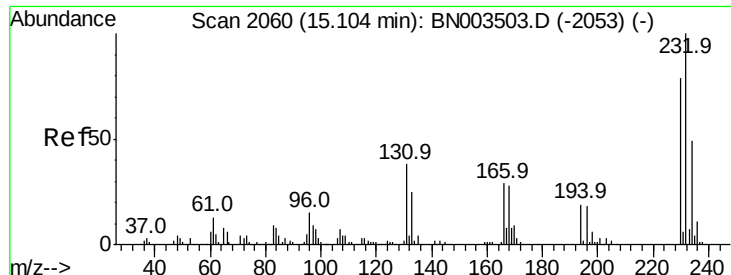


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

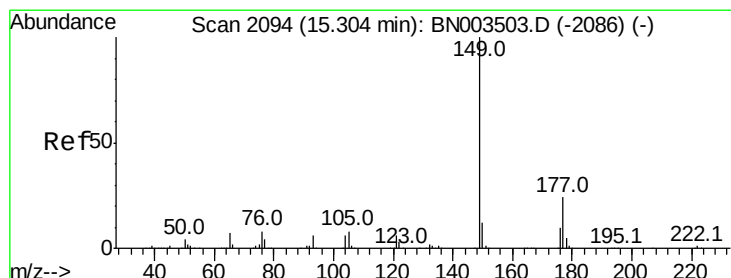
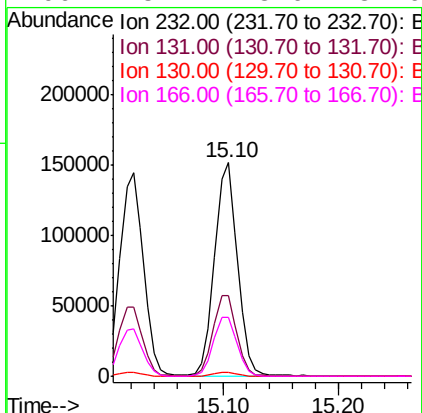
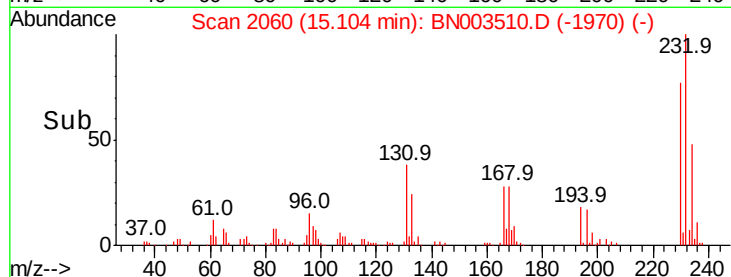
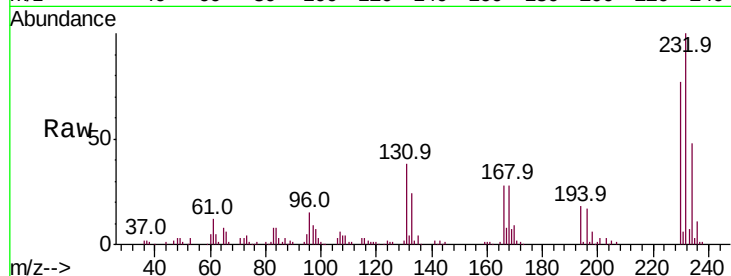




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.480 ng
 RT: 15.10 min Scan# 2060
 Delta R.T. 0.00 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

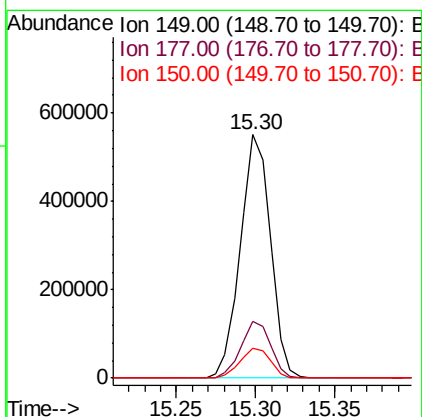
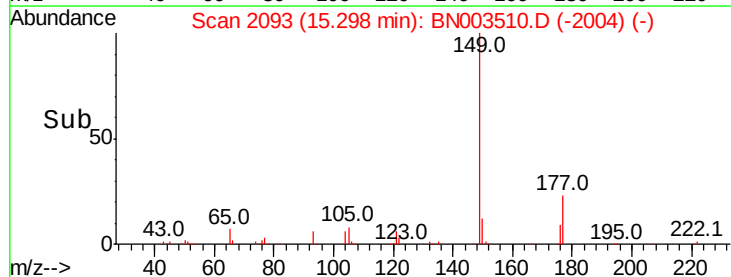
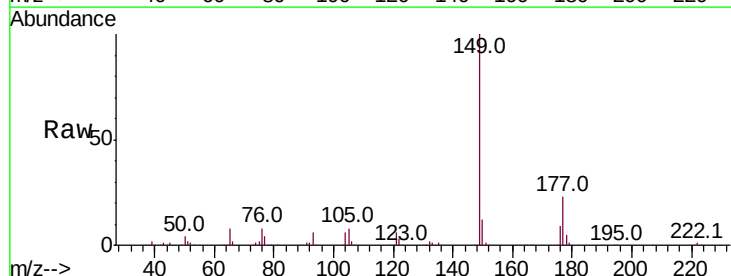
Instrument :
 BNA_N
 ClientSampled :

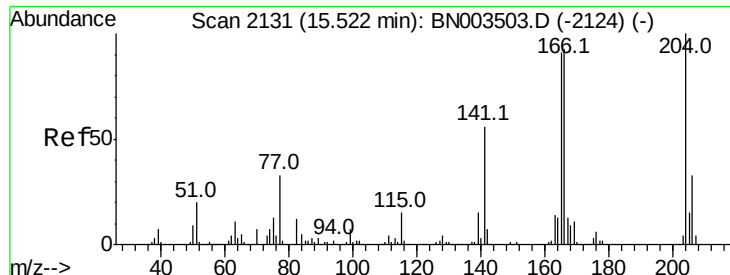
Tot Ion	Ratio	Lower	Upper
232	100		
131	39.2	31.4	47.2
130	1.9	1.5	2.3
166	28.7	23.0	34.6



#60
 Diethylphthalate
 Concen: 41.835 ng
 RT: 15.30 min Scan# 2093
 Delta R.T. -0.01 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.1	19.0	28.4
150	12.4	9.8	14.8

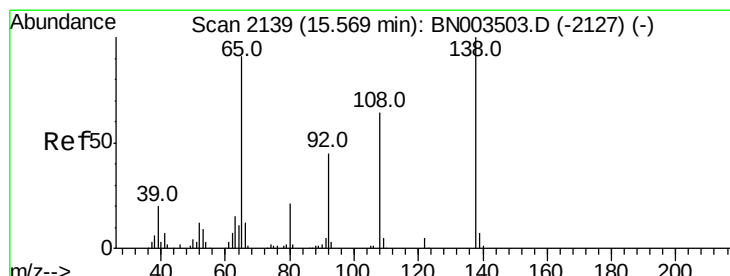
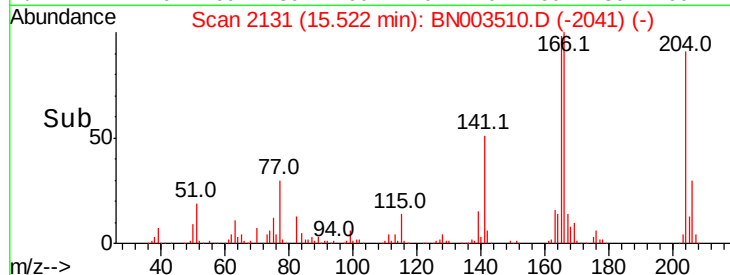
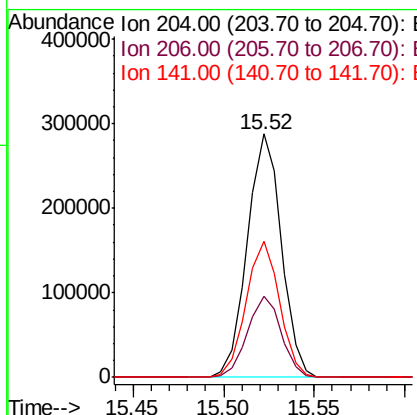
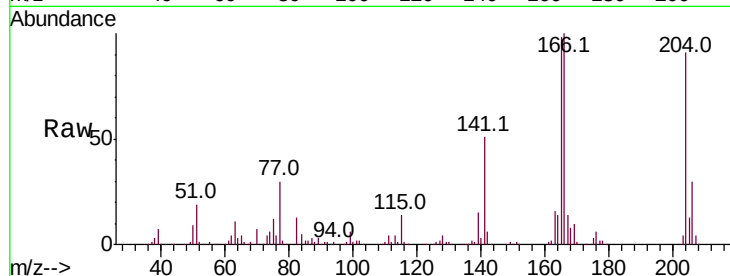




#61
 4-Chlorophenyl-phenylether
 Concen: 41.927 ng
 RT: 15.52 min Scan# 2131
 Delta R.T. 0.00 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

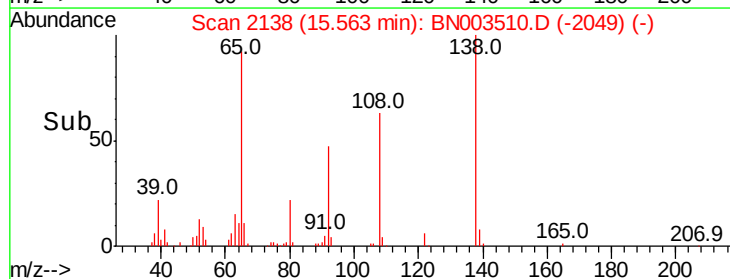
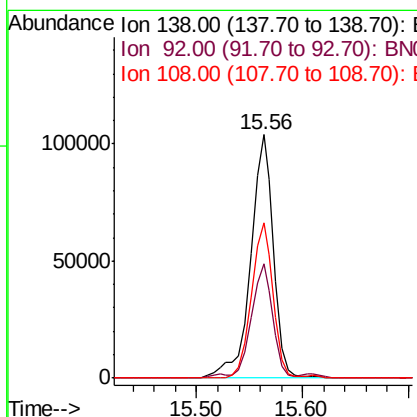
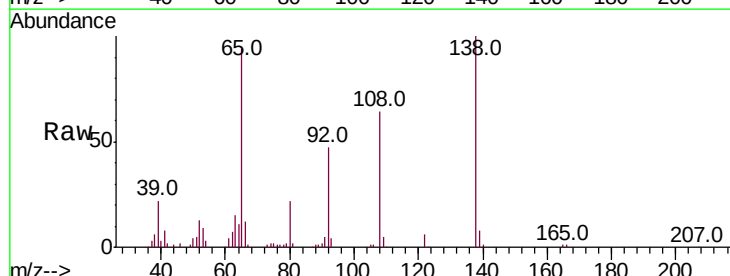
Instrument :
 BNA_N
 ClientSampleId :

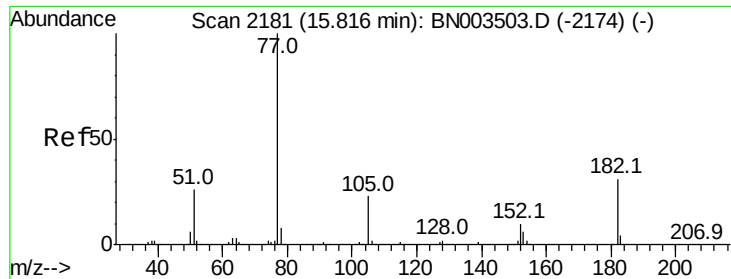
Tot Ion:	204	Resp:	375668
Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.5	39.7
141	55.8	44.4	66.6



#62
 4-Nitroaniline
 Concen: 38.094 ng
 RT: 15.56 min Scan# 2138
 Delta R.T. -0.01 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

Tgt Ion:	138	Resp:	156725
Ion	Ratio	Lower	Upper
138	100		
92	47.0	24.7	64.7
108	63.5	43.9	83.9





#63

Azobenzene

Concen: 42.190 ng

RT: 15.82 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 77 Resp: 598620

Ion	Ratio	Lower	Upper
77	100		
182	31.1	11.4	51.4
105	22.9	3.2	43.2
51	25.9	5.8	45.8

Abundance

Ion 77.00 (76.70 to 77.70): BNC

Ion 182.00 (181.70 to 182.70): BNC

Ion 105.00 (104.70 to 105.70): BNC

Ion 51.00 (50.70 to 51.70): BNC

600000

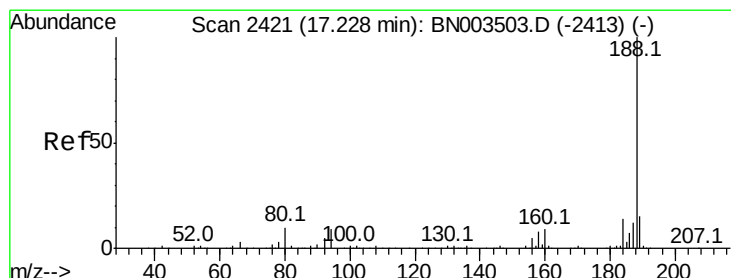
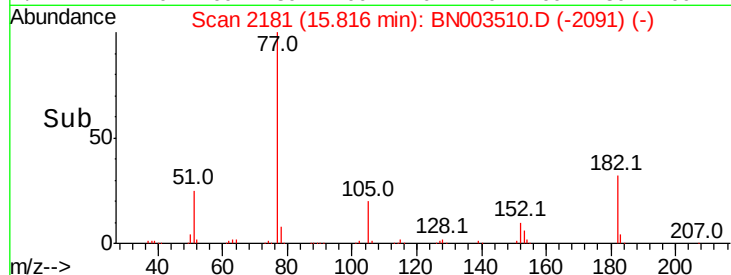
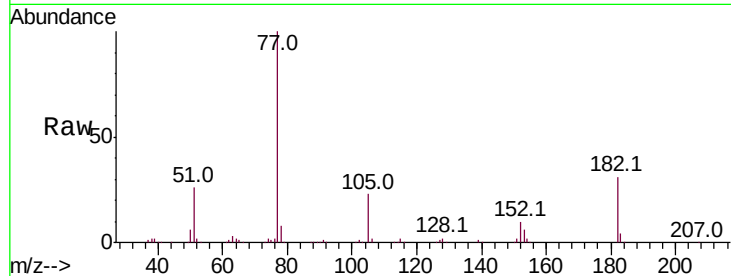
400000

200000

0

15.75 15.80 15.85

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.23 min Scan# 2421

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Tgt Ion: 188 Resp: 410357

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.6	11.4
80	10.0	8.2	12.2

Abundance

Ion 188.00 (187.70 to 188.70): BNC

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

400000

300000

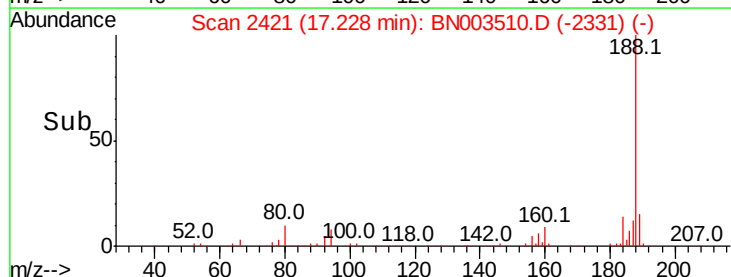
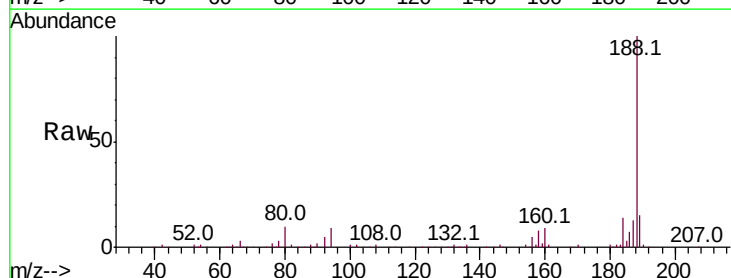
200000

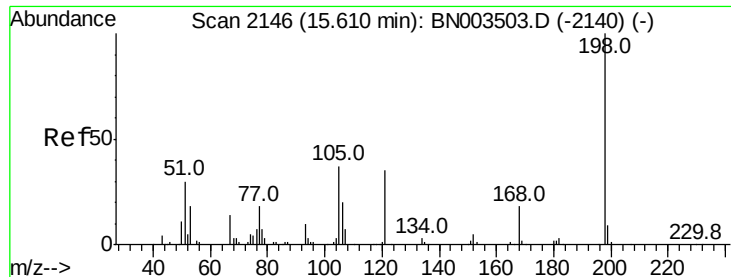
100000

0

17.15 17.20 17.25 17.30

Time-->

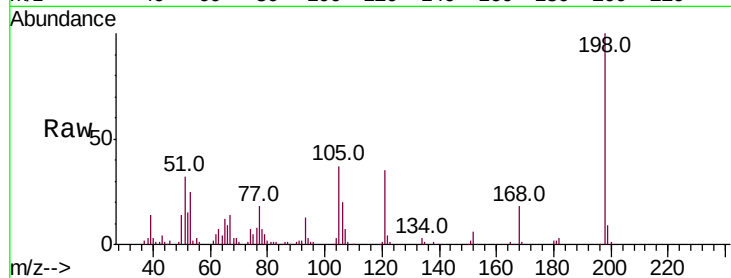




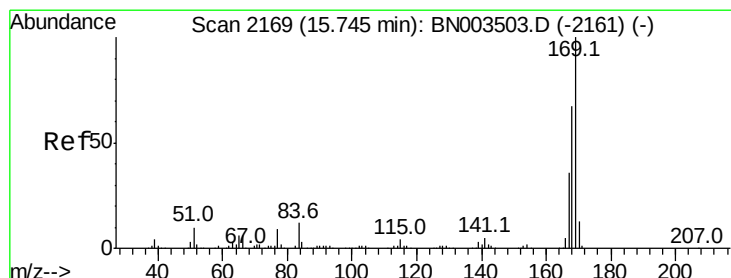
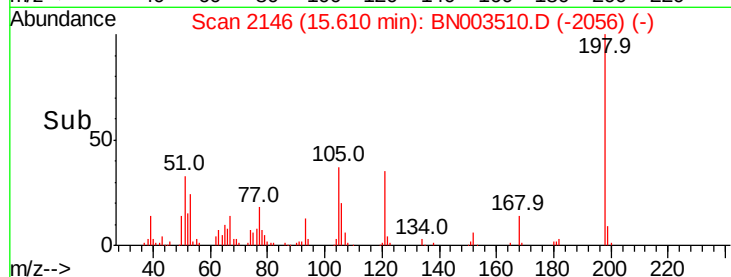
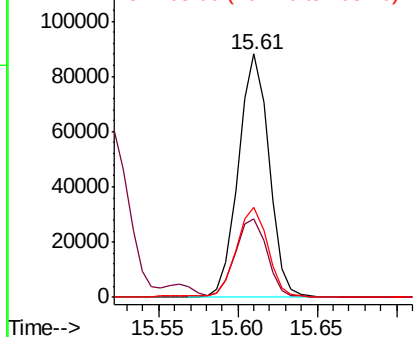
#65
4,6-Dinitro-2-methylphenol
Concen: 42.443 ng
RT: 15.61 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

Instrument :
BNA_N
ClientSampleId :

Tot Ion:198 Resp: 117839
Ion Ratio Lower Upper
198 100
51 32.3 13.8 53.8
105 37.0 18.3 58.3

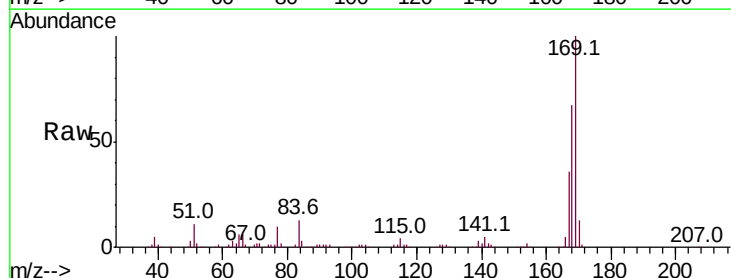


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BNO
Ion 105.00 (104.70 to 105.70): E

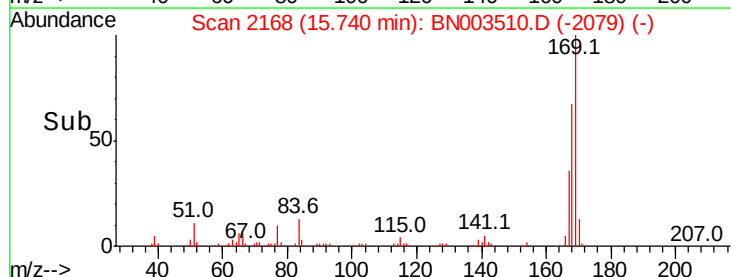
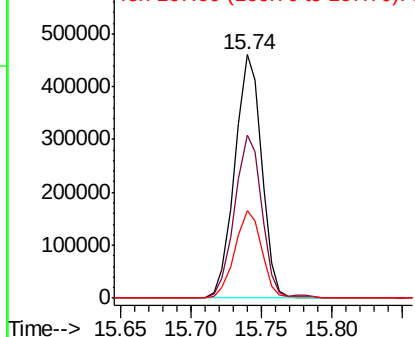


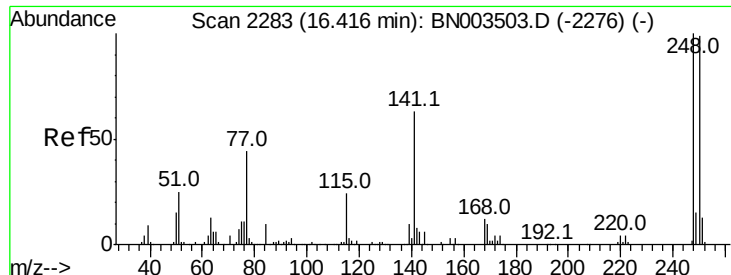
#66
n-Nitrosodiphenylamine
Concen: 47.012 ng
RT: 15.74 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

Tgt Ion:169 Resp: 611039
Ion Ratio Lower Upper
169 100
168 67.0 54.0 81.0
167 35.7 29.0 43.4



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

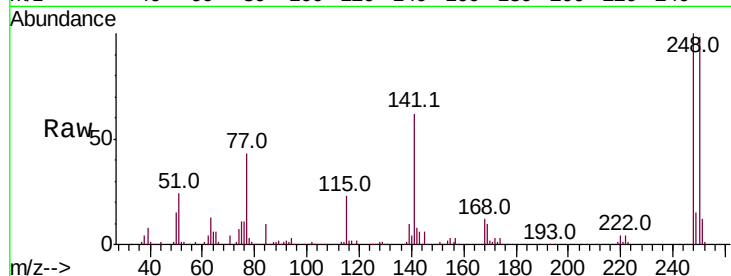




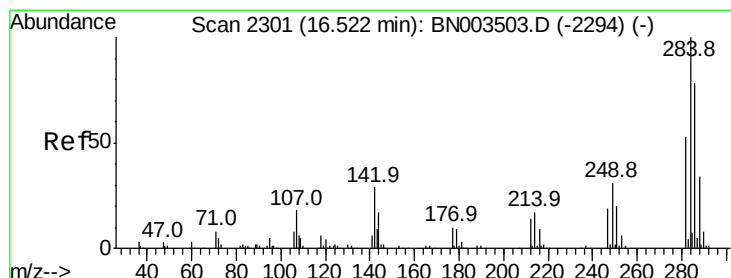
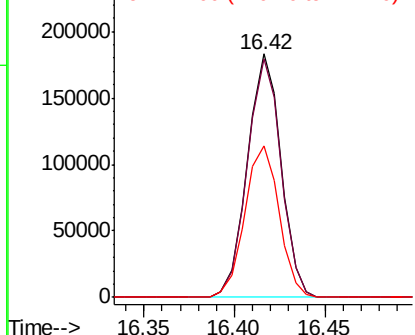
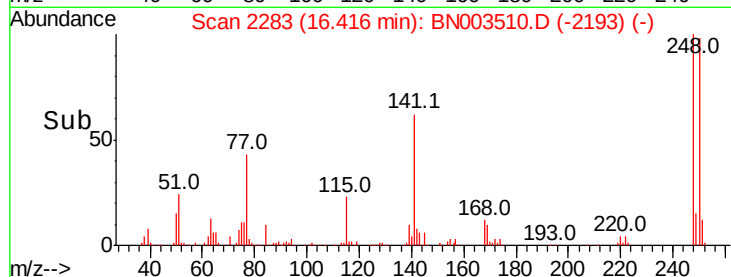
#67
4-Bromophenyl-phenylether
Concen: 45.609 ng
RT: 16.42 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

Instrument :
BNA_N
ClientSampled :

Tot Ion:248 Resp: 236074
Ion Ratio Lower Upper
248 100
250 98.2 79.0 118.6
141 62.1 50.7 76.1

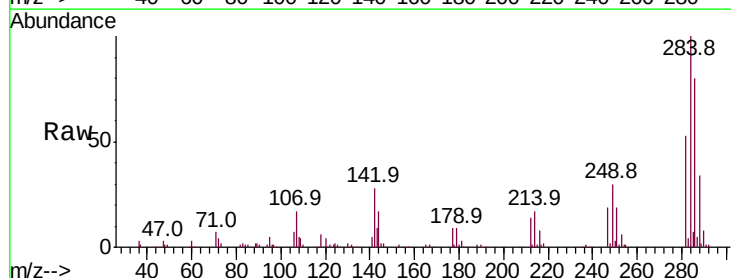


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

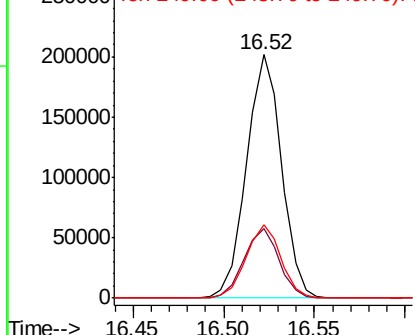
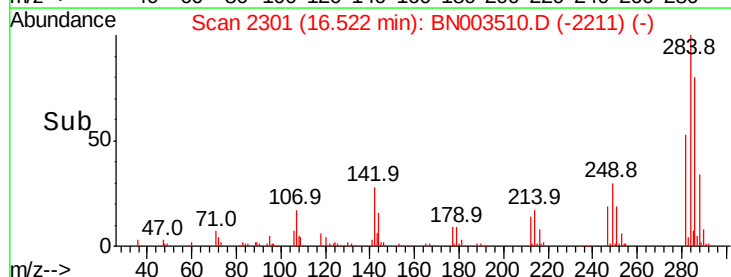


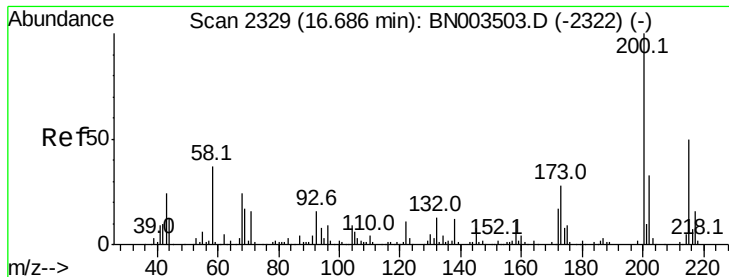
#68
Hexachlorobenzene
Concen: 44.877 ng
RT: 16.52 min Scan# 2301
Delta R.T. 0.00 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

Tgt Ion:284 Resp: 270348
Ion Ratio Lower Upper
284 100
142 28.3 23.6 35.4
249 30.4 24.7 37.1



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





#69

Atrazine

Concen: 44.065 ng

RT: 16.69 min Scan# 2329

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Instrument :

BNA_N

ClientSampleId :

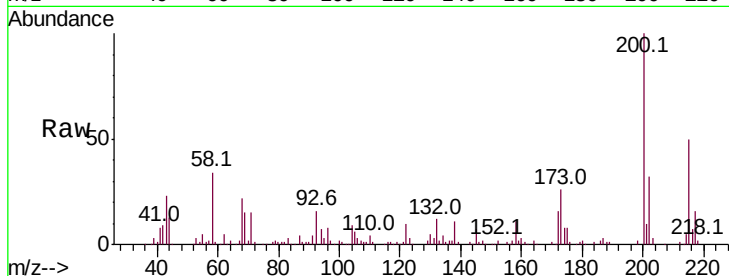
Tot Ion:200 Resp: 214238

Ion Ratio Lower Upper

200 100

173 26.4 7.6 47.6

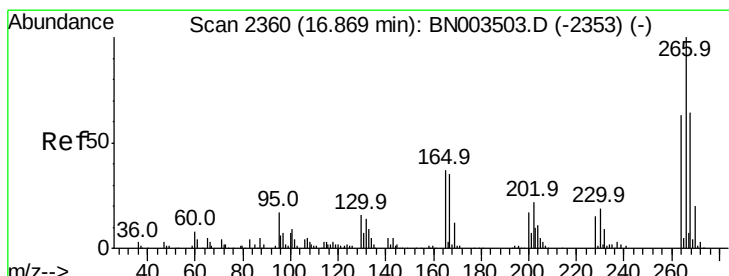
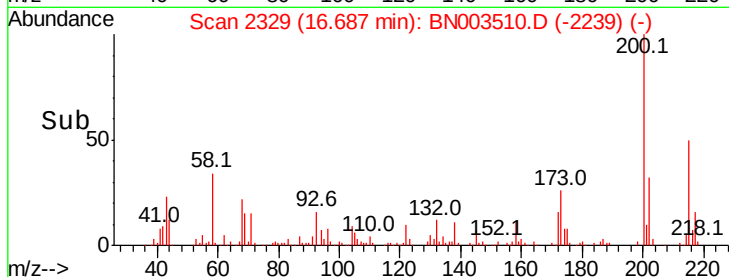
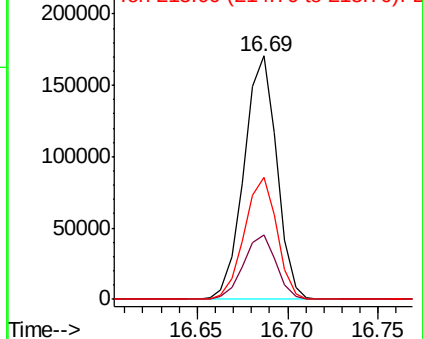
215 49.9 30.0 70.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 77.157 ng

RT: 16.87 min Scan# 2360

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

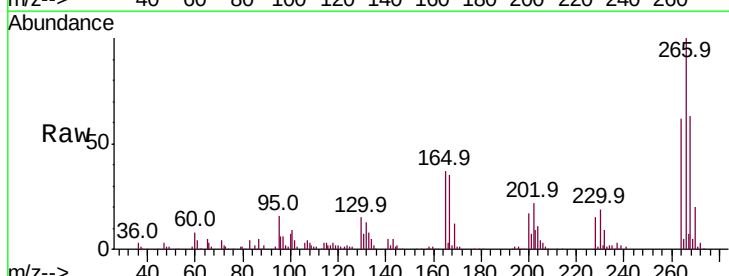
Tgt Ion:266 Resp: 309795

Ion Ratio Lower Upper

266 100

268 63.1 51.0 76.4

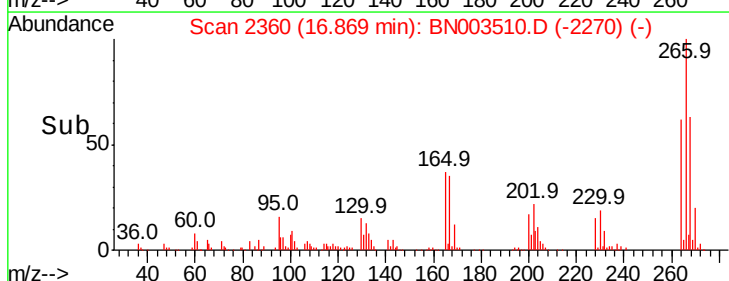
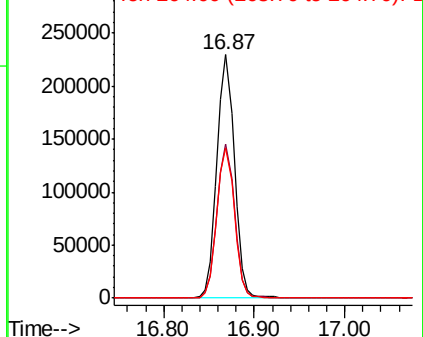
264 61.9 50.1 75.1

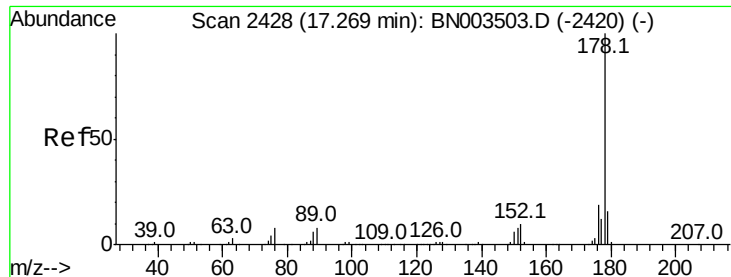


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

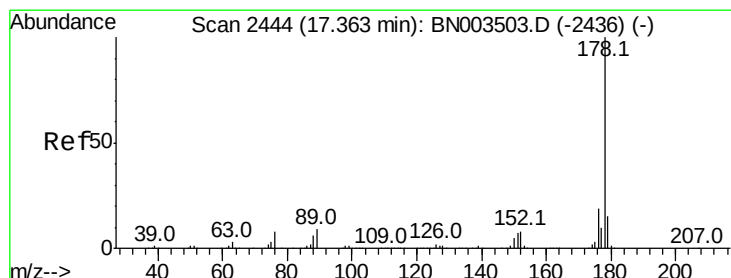
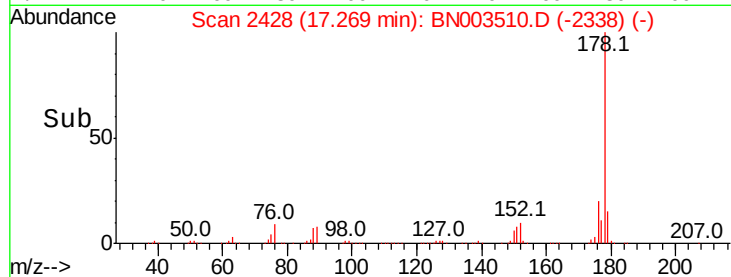
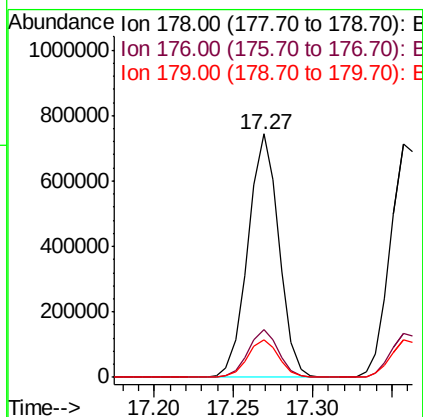
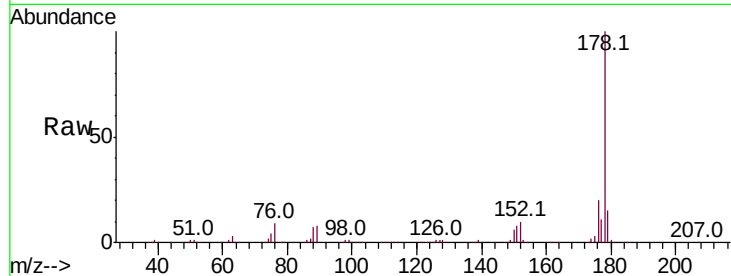




#71
 Phenanthrene
 Concen: 46.961 ng
 RT: 17.27 min Scan# 2428
 Delta R.T. 0.00 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

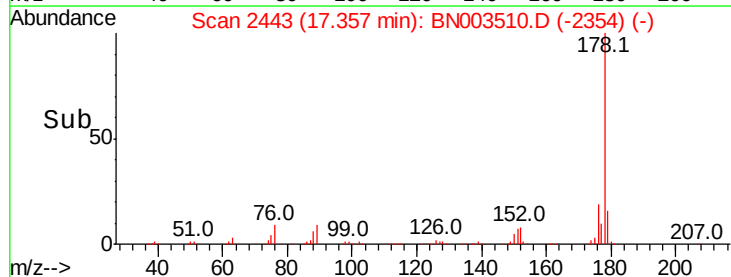
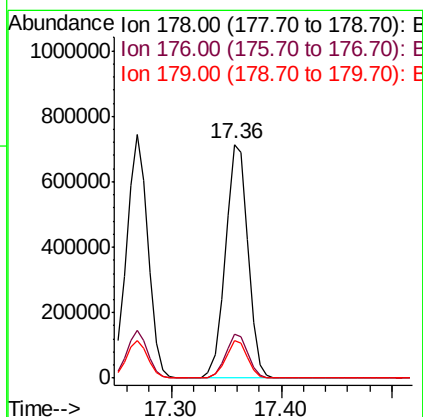
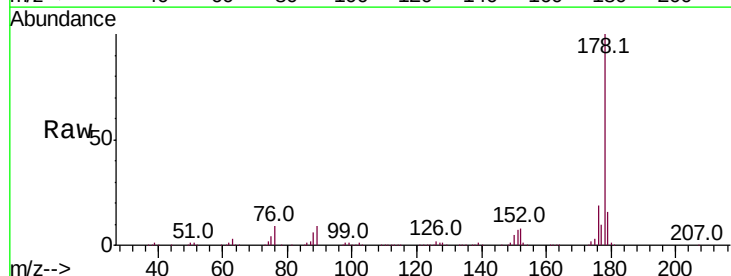
Instrument :
 BNA_N
 ClientSampled :

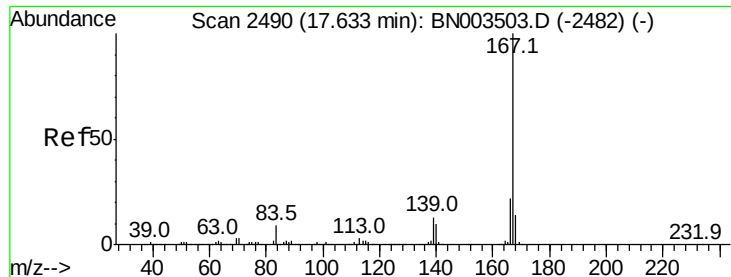
Tot Ion:178 Resp: 1006723
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.2 22.8
 179 15.3 12.5 18.7



#72
 Anthracene
 Concen: 48.623 ng
 RT: 17.36 min Scan# 2443
 Delta R.T. -0.01 min
 Lab File: BN003510.D
 Acq: 12 Nov 2018 17:16

Tgt Ion:178 Resp: 1018851
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.8 22.2
 179 15.8 12.3 18.5





#73

Carbazole

Concen: 41.834 ng

RT: 17.63 min Scan# 2490

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Instrument :

BNA_N

ClientSampleId :

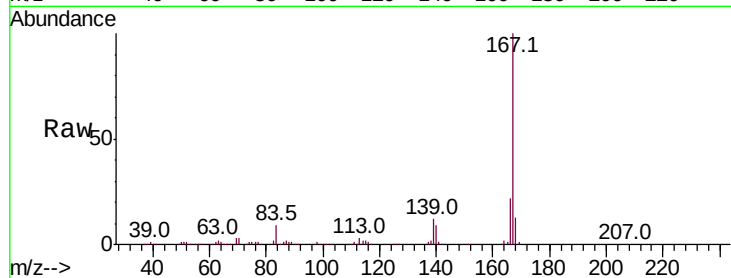
Tot Ion:167 Resp: 860303

Ion Ratio Lower Upper

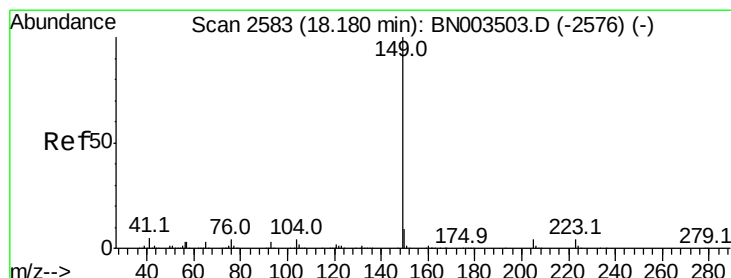
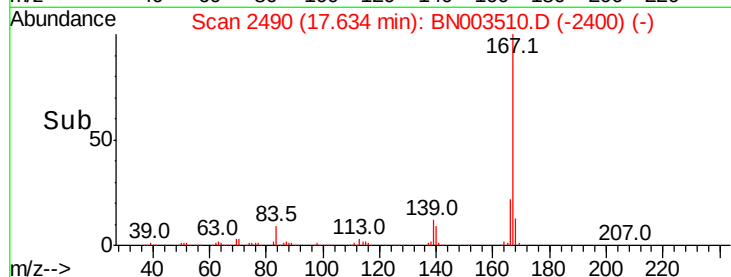
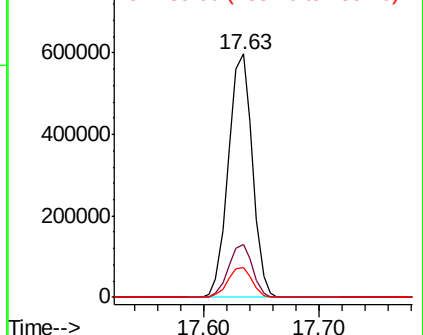
167 100

166 21.7 17.6 26.4

139 12.4 10.0 15.0



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



#74

Di-n-butylphthalate

Concen: 46.367 ng

RT: 18.18 min Scan# 2583

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

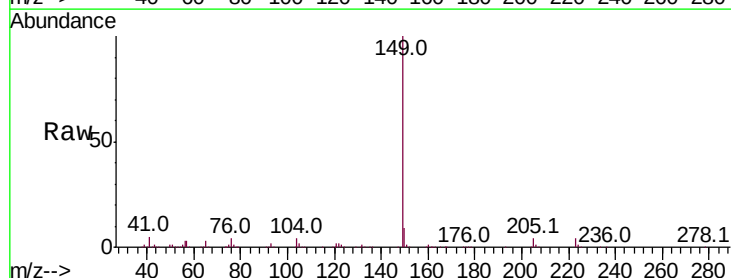
Tgt Ion:149 Resp: 1125115

Ion Ratio Lower Upper

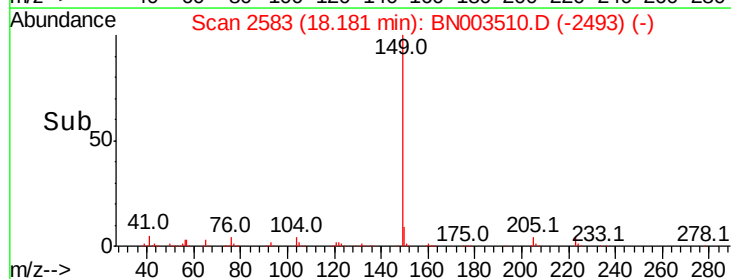
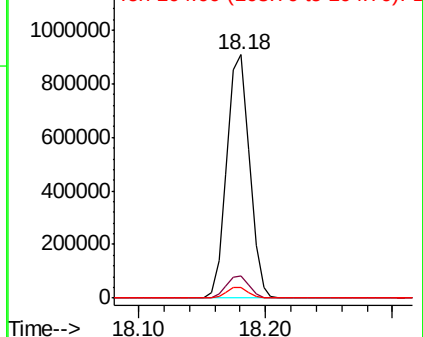
149 100

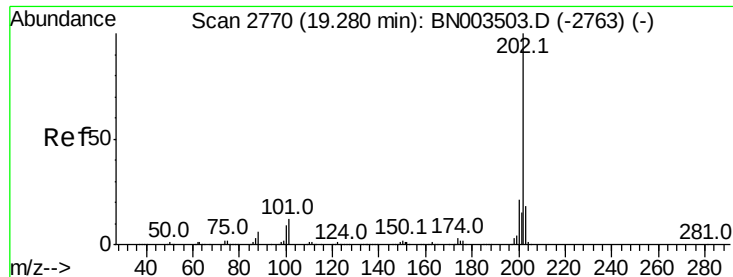
150 9.0 7.3 10.9

104 4.3 3.4 5.2



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





#75

Fluoranthene

Concen: 43.677 ng

RT: 19.28 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Instrument :

BNA_N

ClientSampleId :

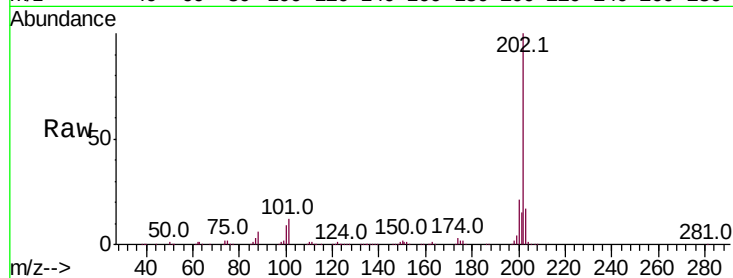
Tot Ion:202 Resp: 1009345

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.8
203	17.5	0.0	37.7

202 100

101 11.6 0.0 31.8

203 17.5 0.0 37.7

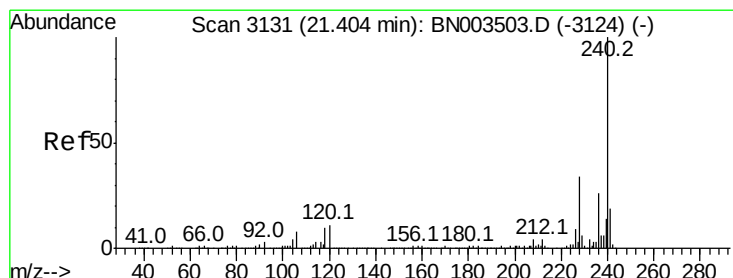
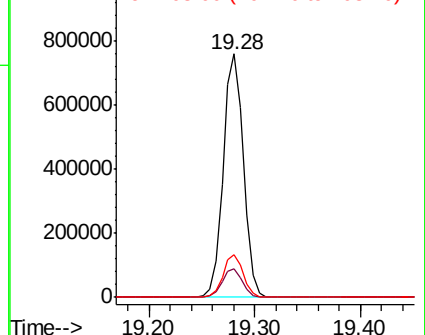
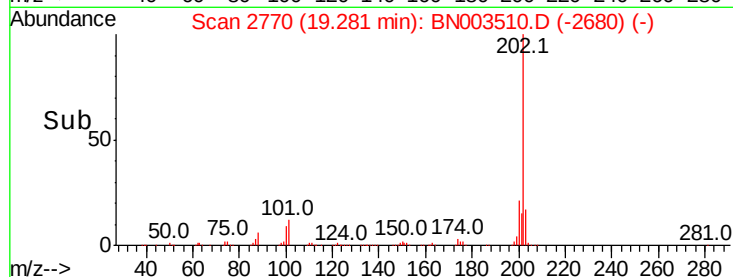


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.40 min Scan# 3131

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

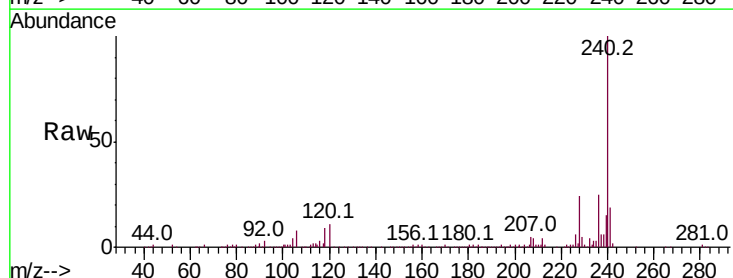
Tgt Ion:240 Resp: 317169

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.1	13.7
236	25.3	20.6	30.8

240 100

120 10.6 9.1 13.7

236 25.3 20.6 30.8

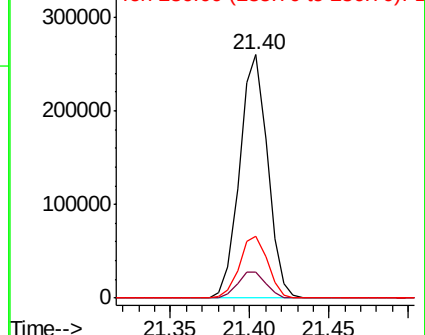
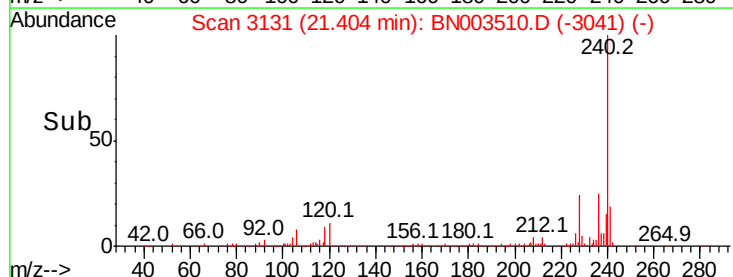


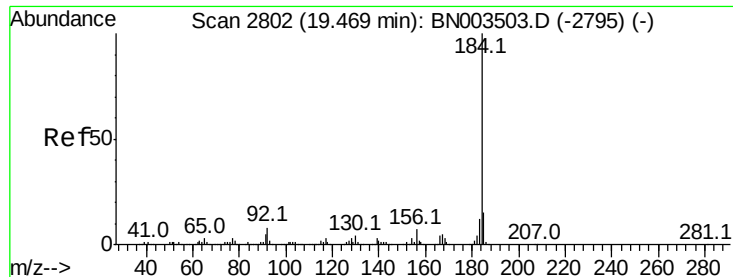
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 46.292 ng

RT: 19.47 min Scan# 2802

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

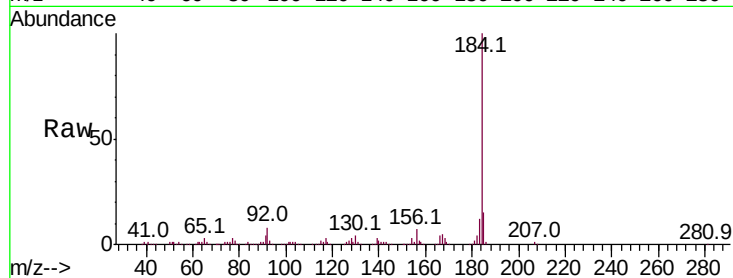
Instrument :

BNA_N

ClientSampleId :

Tot Ion:184 Resp: 507760

Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.2	18.2
183	12.3	9.9	14.9

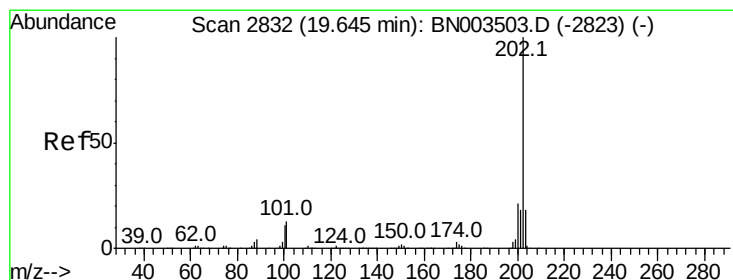
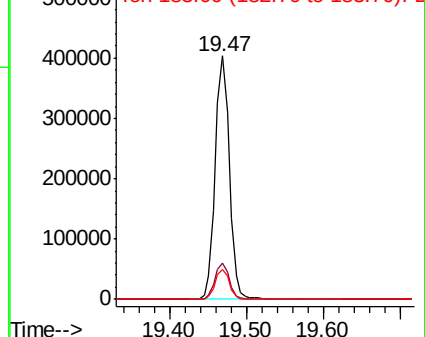
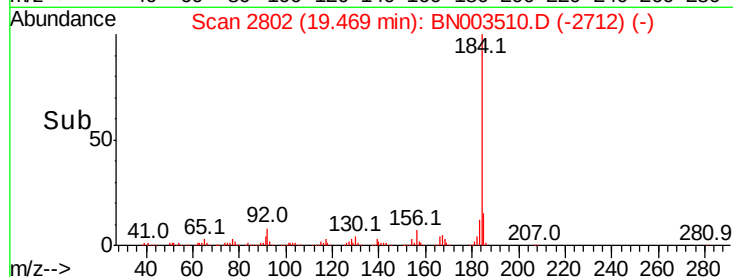


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.607 ng

RT: 19.65 min Scan# 2832

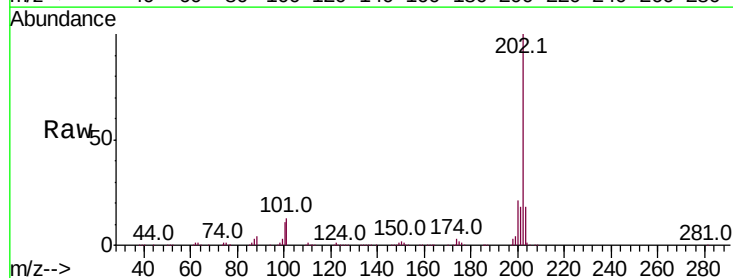
Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Tgt Ion:202 Resp: 997832

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.8	25.2
203	17.7	14.2	21.2

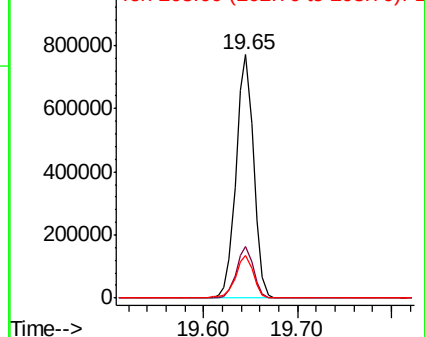
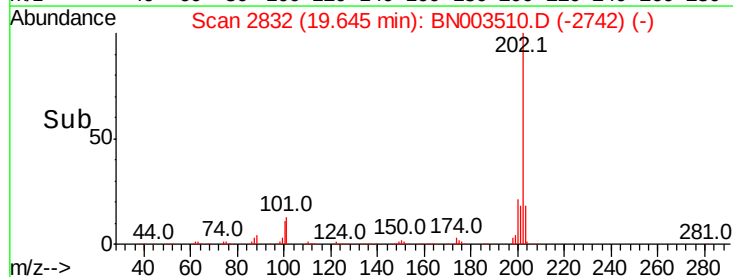


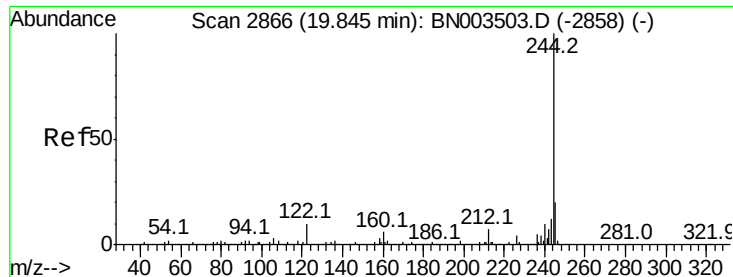
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.374 ng

RT: 19.84 min Scan# 2865

Delta R.T. -0.01 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Instrument :

BNA_N

ClientSampled :

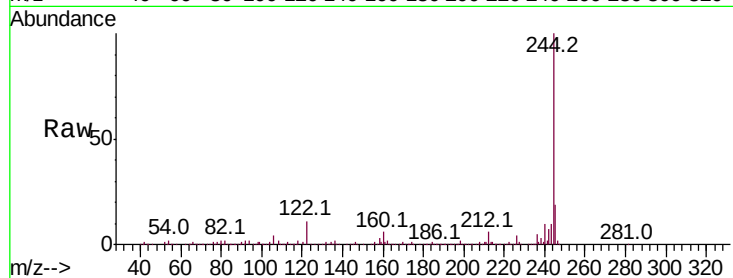
Tot Ion:244 Resp: 1310958

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

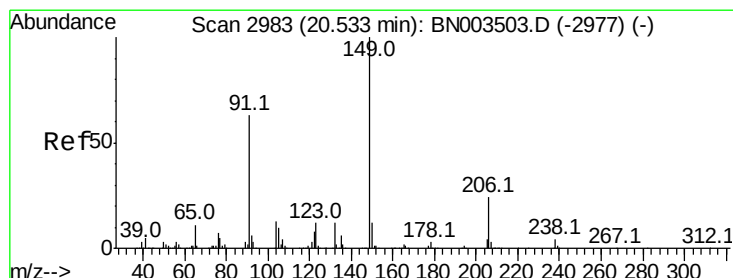
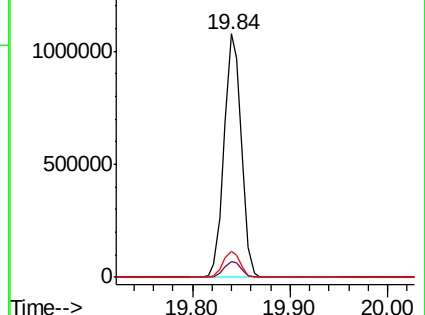
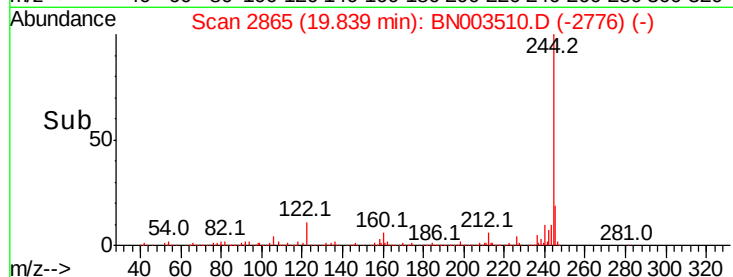
122 10.6 8.2 12.2



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: 44.323 ng

RT: 20.53 min Scan# 2983

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

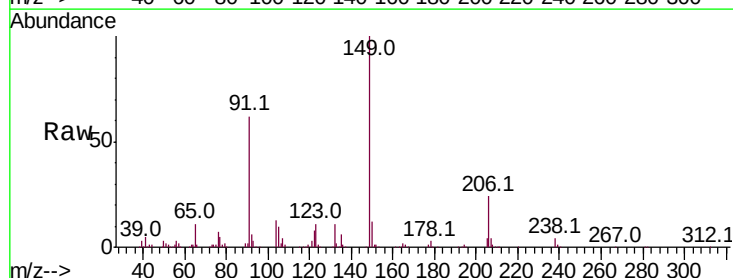
Tgt Ion:149 Resp: 406688

Ion Ratio Lower Upper

149 100

91 62.1 50.3 75.5

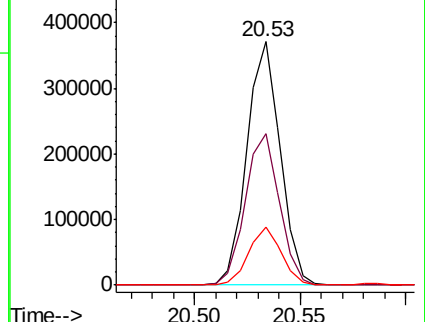
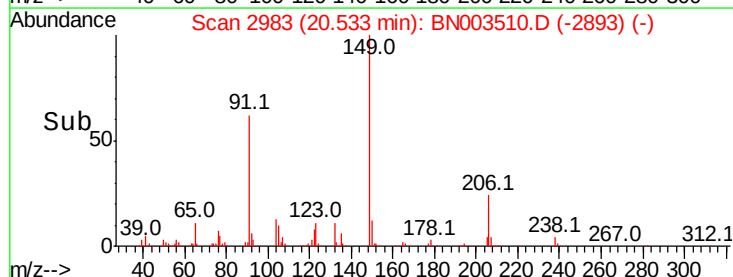
206 24.0 19.0 28.6

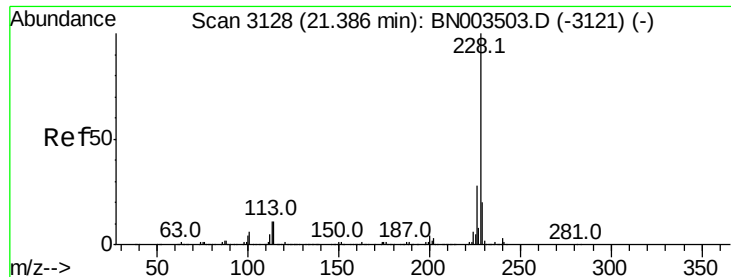


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNC

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.951 ng

RT: 21.39 min Scan# 3128

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Instrument :

BNA_N

ClientSampled :

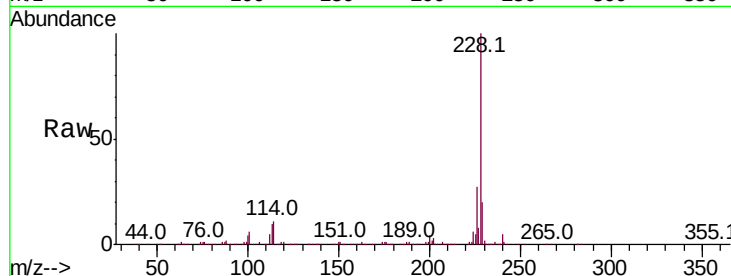
Tot Ion:228 Resp: 865136

Ion Ratio Lower Upper

228 100

226 27.1 22.0 33.0

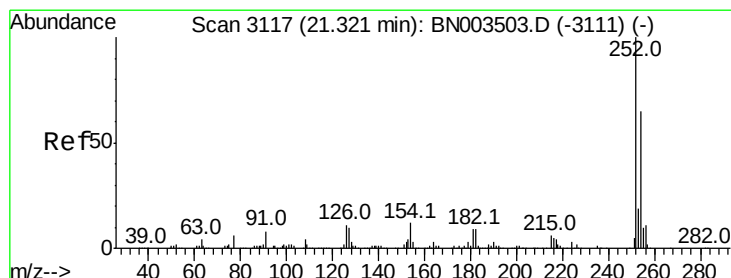
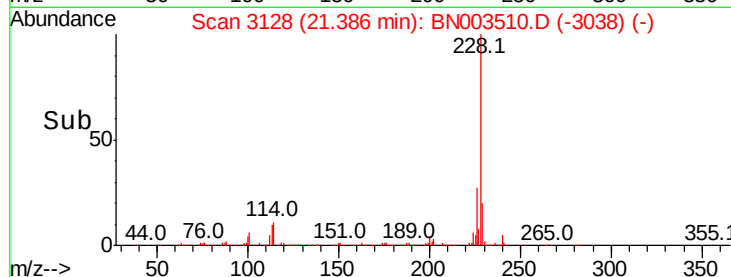
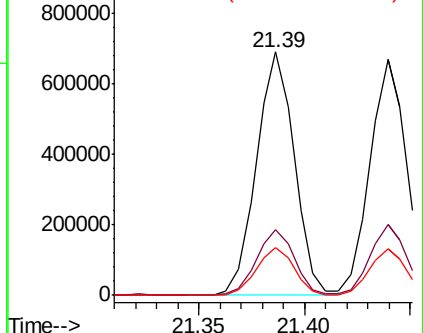
229 19.7 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.564 ng

RT: 21.32 min Scan# 3117

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

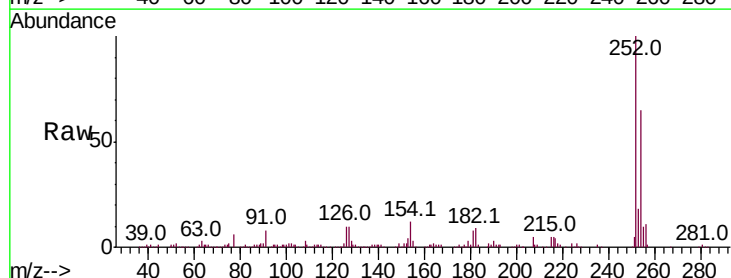
Tgt Ion:252 Resp: 244858

Ion Ratio Lower Upper

252 100

254 65.3 51.7 77.5

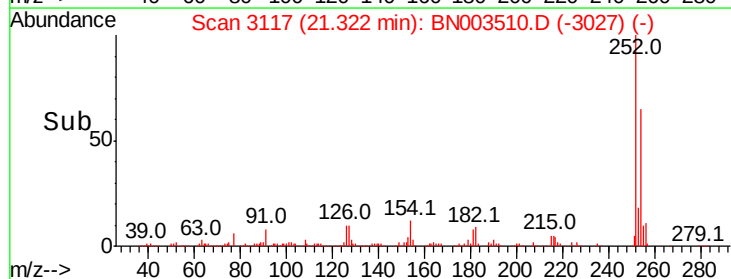
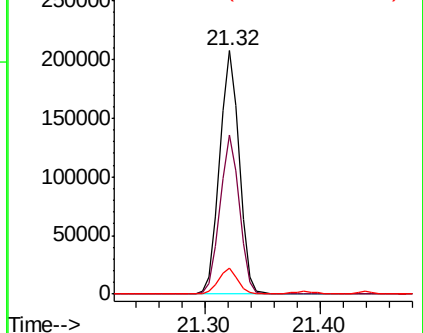
126 10.4 8.7 13.1

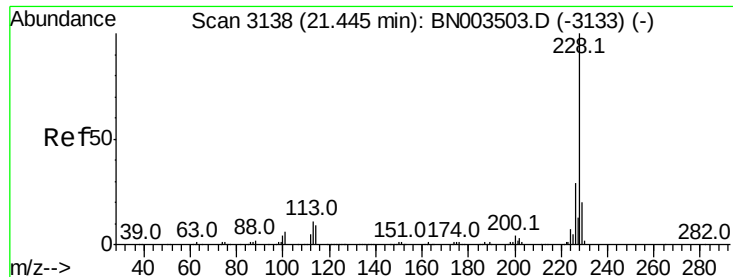


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 47.045 ng

RT: 21.44 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Instrument :

BNA_N

ClientSampled :

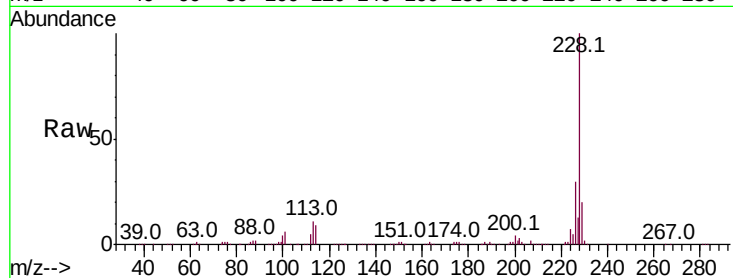
Tot Ion:228 Resp: 811784

Ion Ratio Lower Upper

228 100

226 29.8 23.5 35.3

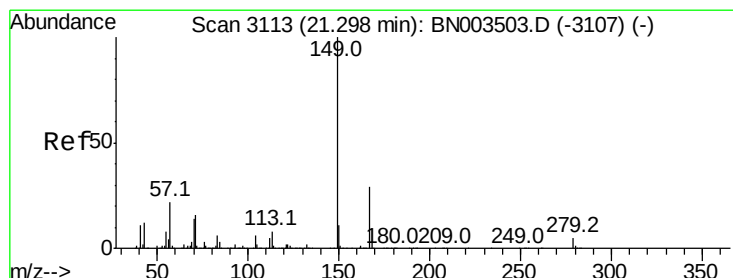
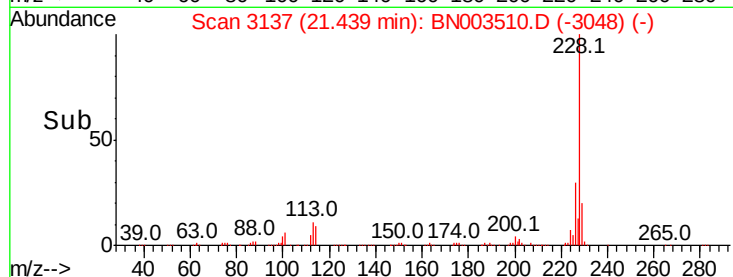
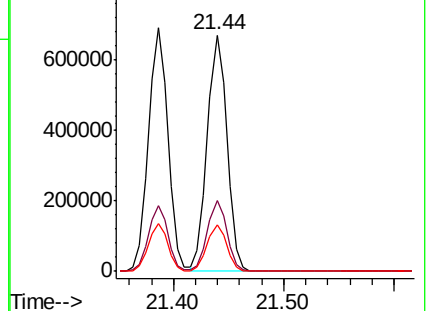
229 20.0 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.897 ng

RT: 21.30 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

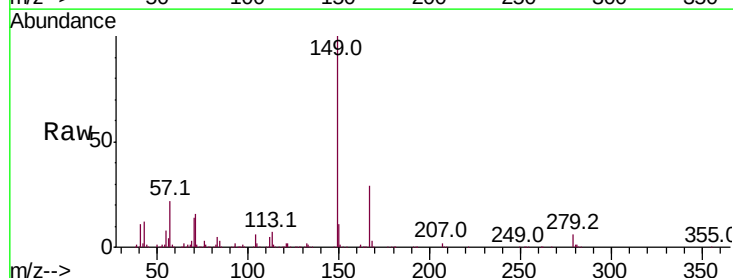
Tgt Ion:149 Resp: 570787

Ion Ratio Lower Upper

149 100

167 29.3 23.0 34.6

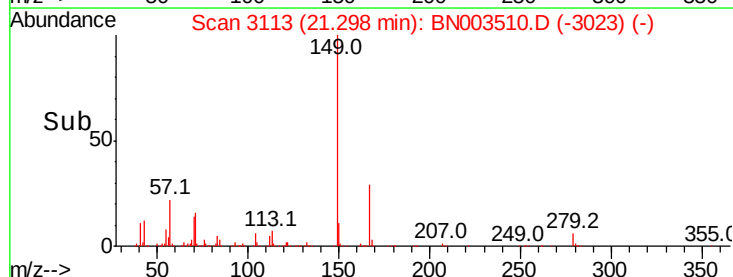
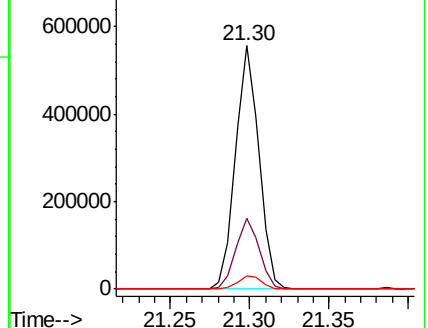
279 5.6 4.2 6.4

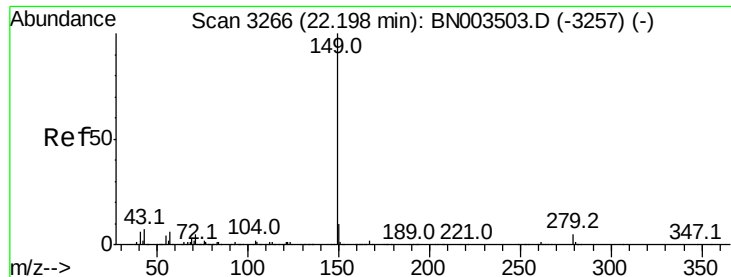


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.111 ng

RT: 22.20 min Scan# 3266

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Instrument :

BNA_N

ClientSampleId :

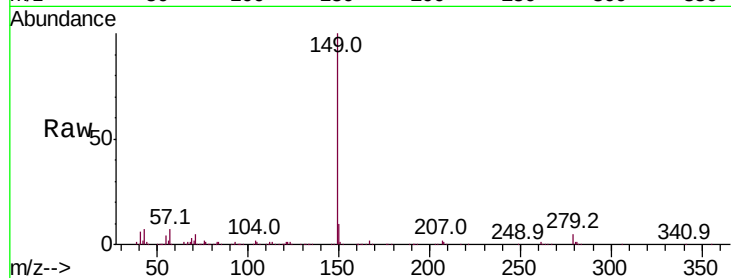
Tot Ion:149 Resp: 871718

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

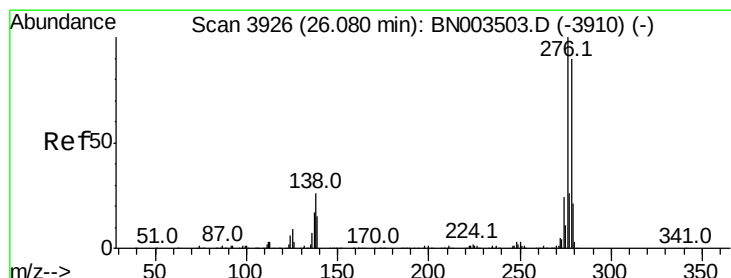
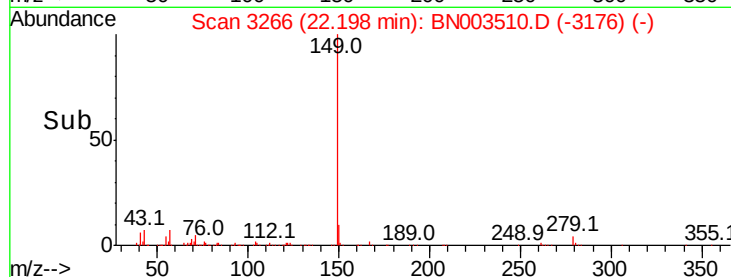
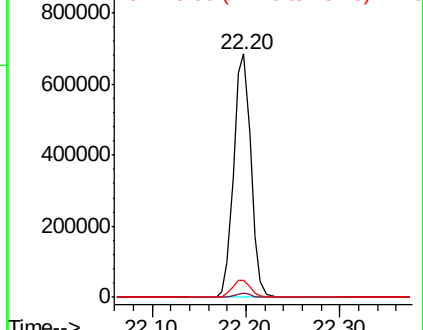
43 7.9 6.0 9.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC



#86

Indeno(1,2,3-cd)pyrene

Concen: 60.253 ng

RT: 26.07 min Scan# 3925

Delta R.T. -0.01 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

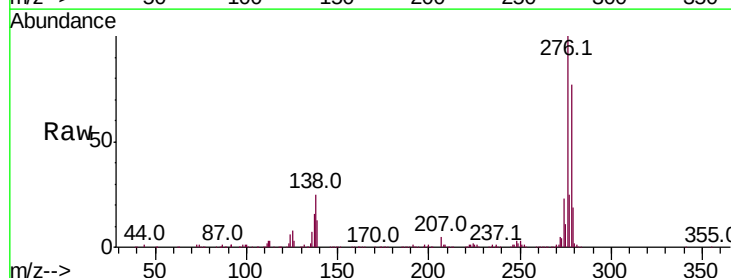
Tgt Ion:276 Resp: 1097584

Ion Ratio Lower Upper

276 100

138 24.9 20.1 30.1

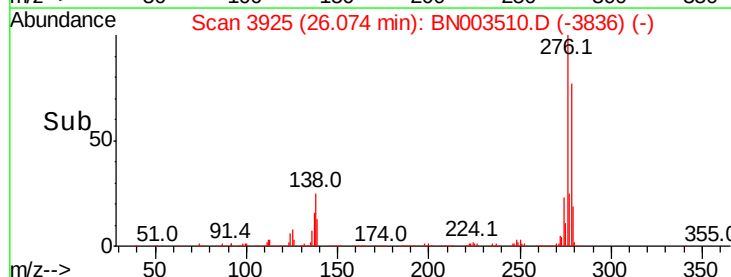
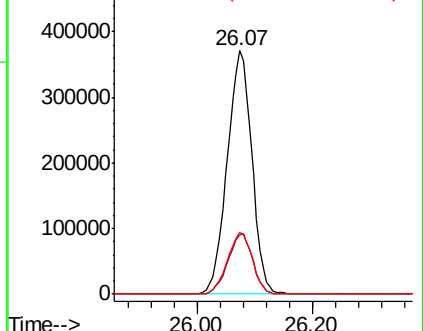
277 25.5 20.3 30.5

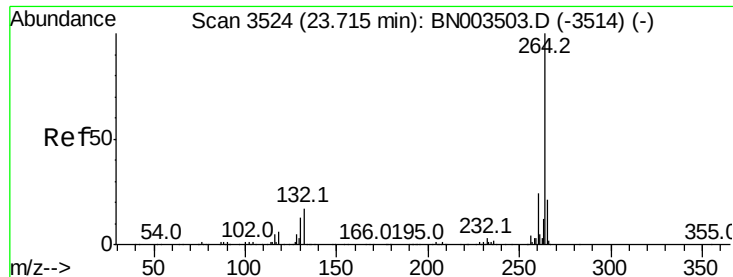


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.72 min Scan# 3524

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Instrument :

BNA_N

ClientSampled :

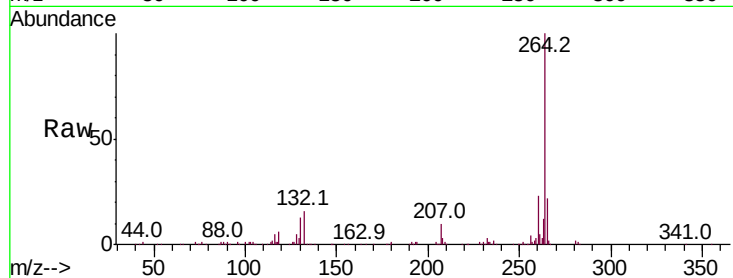
Tot Ion:264 Resp: 335830

Ion Ratio Lower Upper

264 100

260 23.3 18.8 28.2

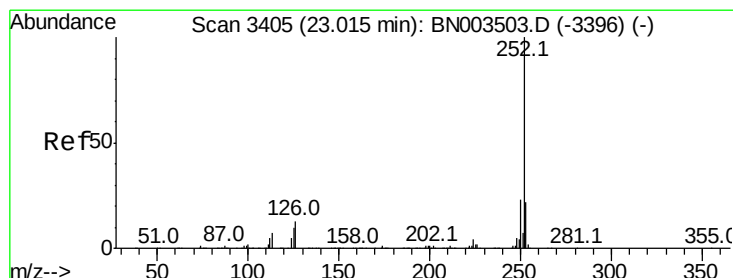
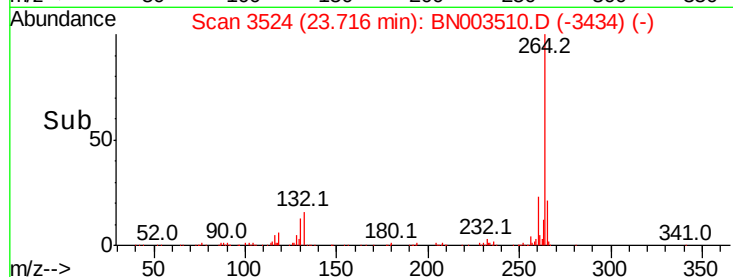
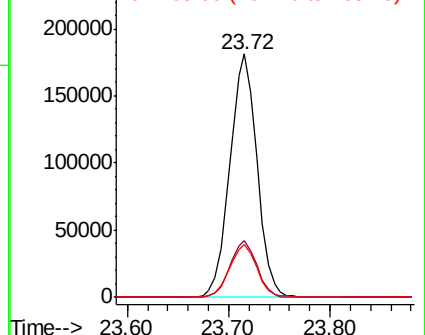
265 21.7 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.757 ng

RT: 23.02 min Scan# 3405

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

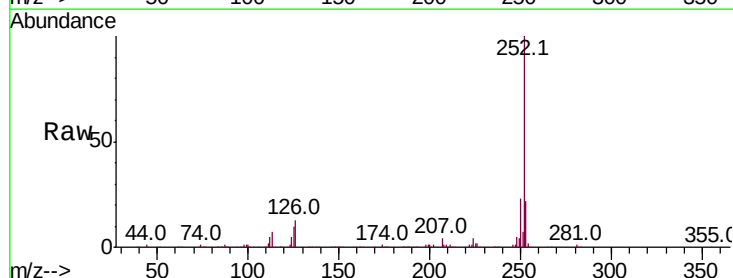
Tgt Ion:252 Resp: 892927

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

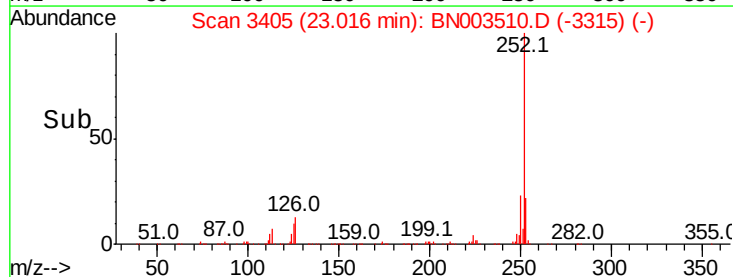
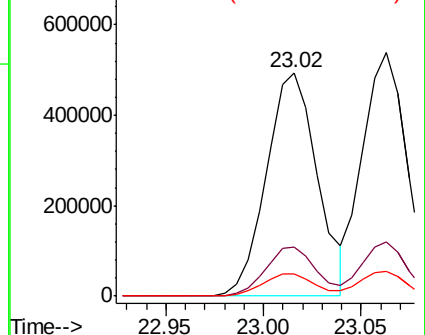
125 10.1 8.1 12.1

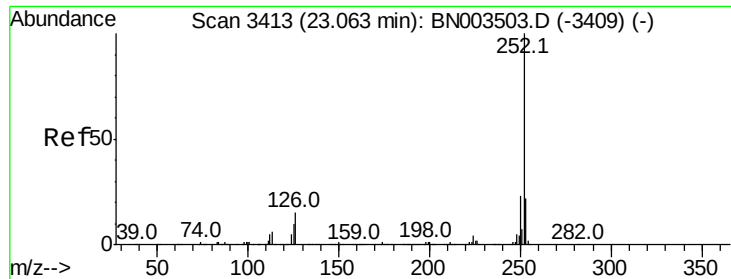


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

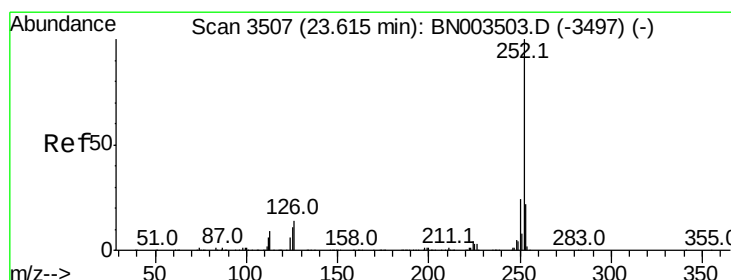
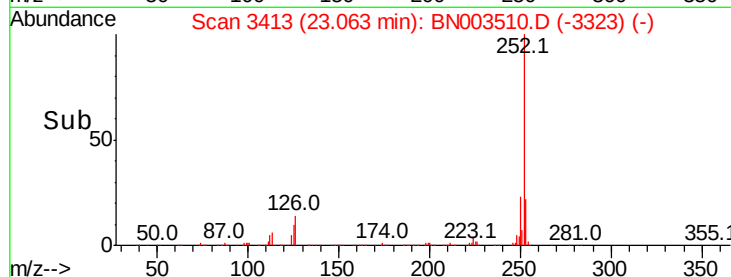
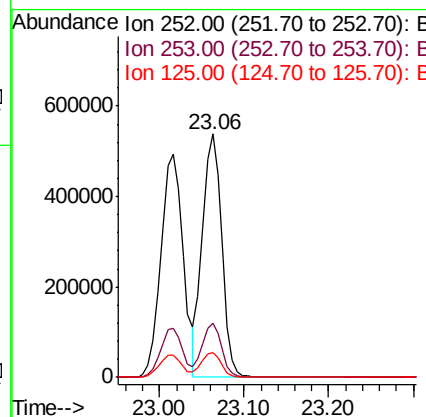
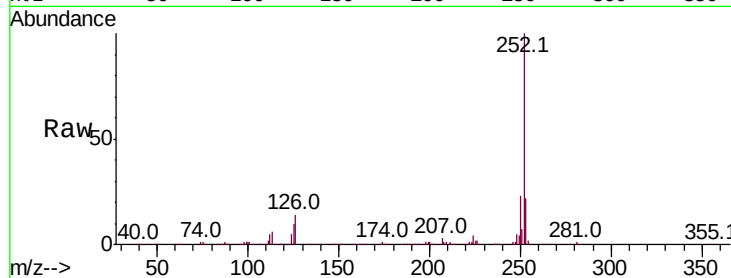




#89
Benzo(k)fluoranthene
Concen: 45.927 ng
RT: 23.06 min Scan# 3413
Delta R.T. 0.00 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

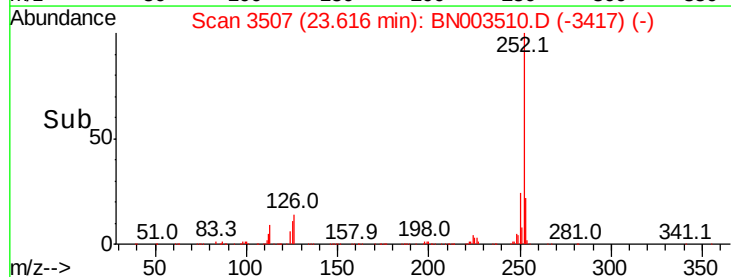
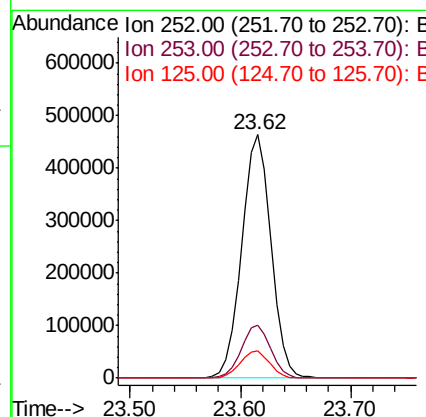
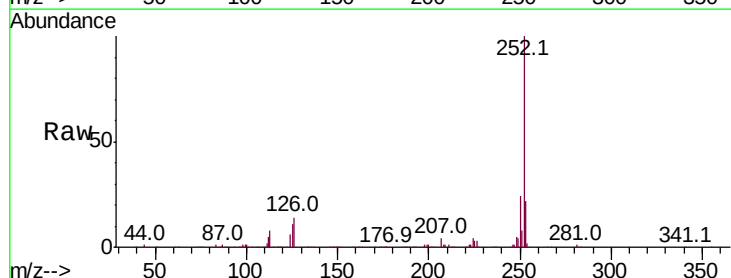
Instrument :
BNA_N
ClientSampleId :

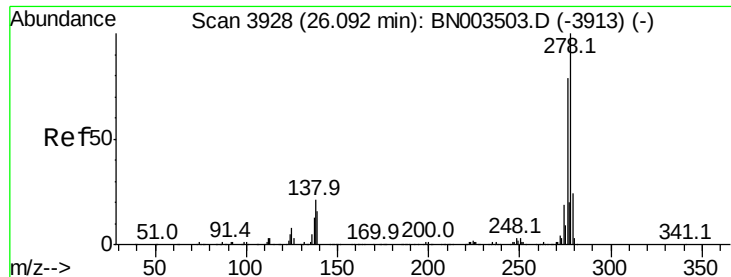
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	10.2	8.4	12.6



#90
Benzo(a)pyrene
Concen: 50.130 ng
RT: 23.62 min Scan# 3507
Delta R.T. 0.00 min
Lab File: BN003510.D
Acq: 12 Nov 2018 17:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	11.2	8.9	13.3





#91

Dibenzo(a,h)anthracene

Concen: 52.388 ng

RT: 26.09 min Scan# 3927

Delta R.T. -0.01 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

Instrument :

BNA_N

ClientSampleId :

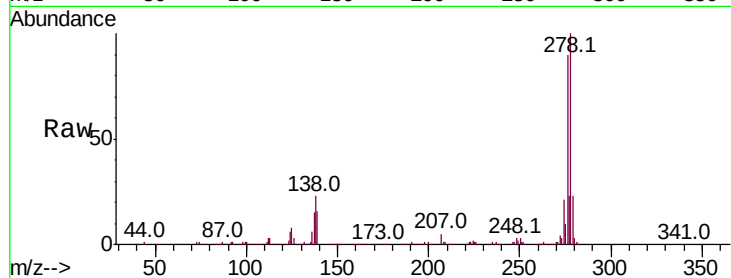
Tot Ion:278 Resp: 924186

Ion Ratio Lower Upper

278 100

139 15.6 12.6 19.0

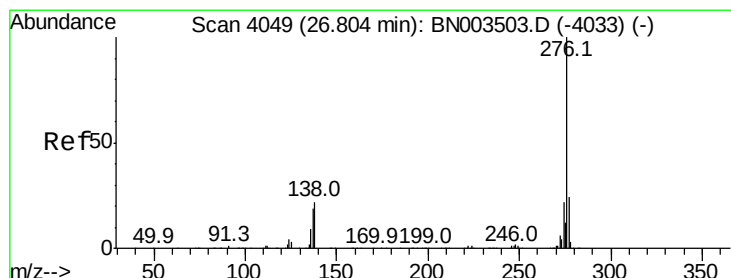
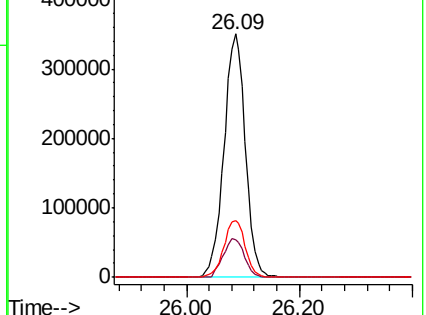
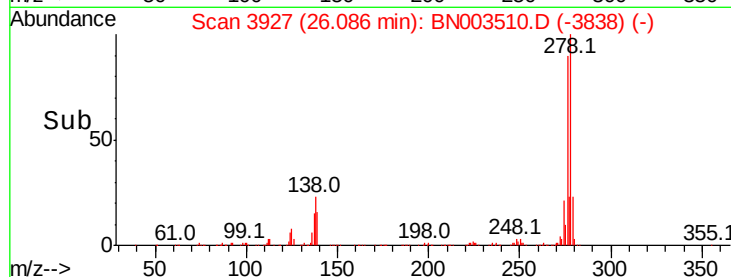
279 23.3 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 53.203 ng

RT: 26.80 min Scan# 4049

Delta R.T. 0.00 min

Lab File: BN003510.D

Acq: 12 Nov 2018 17:16

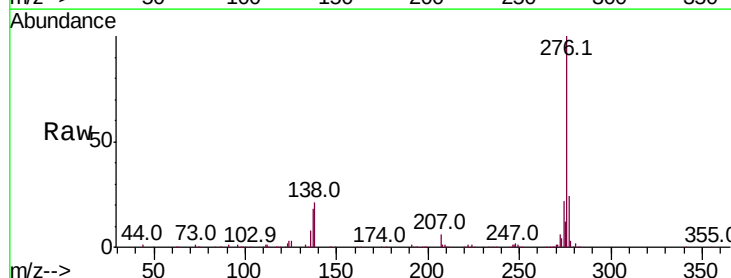
Tgt Ion:276 Resp: 912719

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 21.4 17.4 26.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

