

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030719\
 Data File : BN004638.D
 Acq On : 07 Mar 2019 15:55
 Operator : JU/SJ
 Sample : K1657-20
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 08 00:34:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 07 15:17:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	30551	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.50	136	145193	20.00	ng/ul	-0.03
36) Acenaphthene-d10	14.36	164	92677	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.11	188	222061	20.00	ng/ul	-0.02
78) Chrysene-d12	21.32	240	254262	20.00	ng/ul	-0.01
86) Perylene-d12	23.57	264	262004	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	2631	4.86	ng/uL	-0.02
5) Phenol-d5	6.89	99	77606	30.74	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.06	67	39053	29.66	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.25	132	67664	30.89	ng/ul	-0.02
13) 4-Methylphenol-d8	8.42	113	66724	30.39	ng/ul	-0.02
19) Nitrobenzene-d5	8.88	128	34892	31.52	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.60	143	35348	28.12	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.12	165	76188	31.80	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.65	131	28834	10.03	ng/ul	-0.02
44) Dimethylphthalate-d6	13.77	166	259613	32.40	ng/ul	-0.02
47) Acenaphthylene-d8	14.06	160	314921	32.65	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.56	143	39288	26.42	ng/ul	-0.02
58) Fluorene-d10	15.36	176	222179	32.62	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.48	200	27463	17.91	ng/ul	-0.02
71) Anthracene-d10	17.21	188	366308	33.87	ng/ul	-0.02
79) Pyrene-d10	19.52	212	419908	33.80	ng/ul	-0.02
90) Benzo(a)pyrene-d12	23.43	264	452330	32.15	ng/ul	-0.03

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.26	88	15076	22.587	ng/uL 95
4) Benzaldehyde	6.88	77	66490	40.678	ng/ul 95
6) Phenol	6.91	94	108748	42.326	ng/ul 99
10) 2-Chlorophenol	7.28	128	62176	28.130	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.52	70	49320	31.730	ng/ul 99
20) Nitrobenzene	8.92	77	57427	25.270	ng/ul 99
23) 2-Nitrophenol	9.63	139	33262	24.473	ng/ul 97
27) 2,4-Dichlorophenol	10.15	162	69142	29.323	ng/ul 98
28) Naphthalene	10.56	128	154728	20.453	ng/ul 99
30) 4-Chloroaniline	10.56	127	20403	6.984	ng/ul# 14
31) Hexachlorobutadiene	10.82	225	48621	31.026	ng/ul 99
33) 4-Chloro-3-methylphenol	11.79	107	125570	49.667	ng/ul 98
35) 1-Methylnaphthalene	12.39	142	152100	28.572	ng/ul 99
37) 1,2,4,5-Tetrachlorobenzene	12.54	216	75011	23.017	ng/ul 99
39) 2,4,6-Trichlorophenol	12.78	196	89747	42.752	ng/ul 100
40) 2,4,5-Trichlorophenol	12.78	196	86222	37.521	ng/ul 96
41) 1,1'-Biphenyl	13.19	154	235757	30.238	ng/ul 99
42) 2-Chloronaphthalene	13.23	162	112587	18.992	ng/ul 100
45) Dimethylphthalate	13.82	163	214793	27.319	ng/ul 99
46) 2,6-Dinitrotoluene	13.95	165	47455	29.809	ng/ul 96
50) Acenaphthene	14.43	153	164436	25.521	ng/ul 99
53) 4-Nitrophenol	14.58	109	27088	25.067	ng/ul 98
54) Dibenzofuran	14.76	168	194723	21.040	ng/ul 99

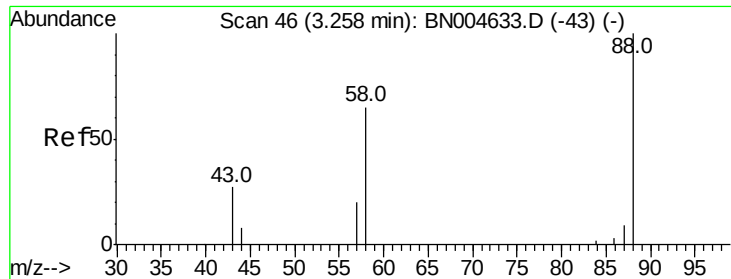
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030719\
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 07 15:17:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) 2,3,4,6-Tetrachlorophenol	14.99	232	54440	25.597	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.41	204	78170	19.828	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.50	198	47523	29.400	ng/ul	97
67) Hexachlorobenzene	16.41	284	72291	23.112	ng/ul	97
69) Pentachlorophenol	16.76	266	79787	40.929	ng/ul	97
70) Phenanthrene	17.15	178	260945	21.132	ng/ul	100
72) Anthracene	17.25	178	310511	24.612	ng/ul	100
75) Carbazole	17.52	167	278136	25.385	ng/ul	100
76) Di-n-butylphthalate	18.07	149	291525	21.455	ng/ul	100
77) Fluoranthene	19.17	202	694653	48.792	ng/ul	99
80) Pyrene	19.55	202	498522	32.340	ng/ul	100
81) Butylbenzylphthalate	20.44	149	130752	20.659	ng/ul	98
83) Benzo(a)anthracene	21.30	228	635182	39.710	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.22	149	239412	26.030	ng/ul	100
85) Chrysene	21.35	228	432218	29.099	ng/ul	100
88) Benzo(b)fluoranthene	22.89	252	469850	28.892	ng/ul	100
89) Benzo(k)fluoranthene	22.89	252	469850	29.382	ng/ul	99
91) Benzo(a)pyrene	23.48	252	417916	27.318	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.86	276	511292	30.682	ng/ul	97
93) Dibenzo(a,h)anthracene	25.87	278	333730	23.803	ng/ul	99

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



#2

1,4-Dioxane

Concen: 22.587 ng/uL

RT: 3.26 min Scan# 46

Delta R.T. -0.02 min

Lab File: BN004638.D

Acq: 07 Mar 2019 15:55

Instrument :

BNA_N

ClientSampled :

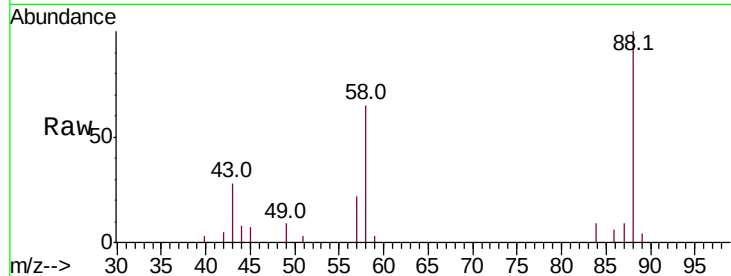
Tot Ion: 88 Resp: 15076

Ion Ratio Lower Upper

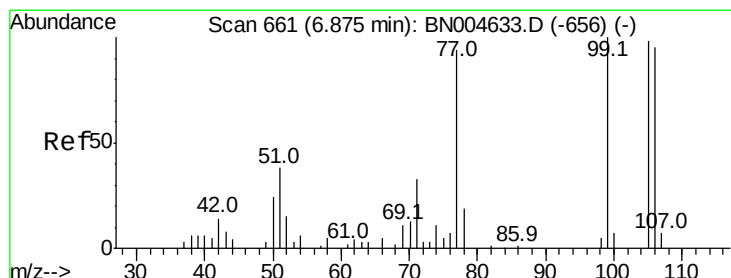
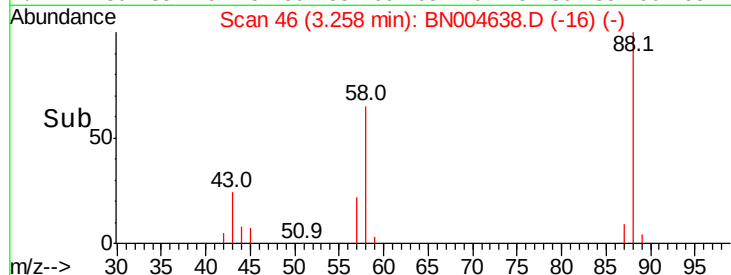
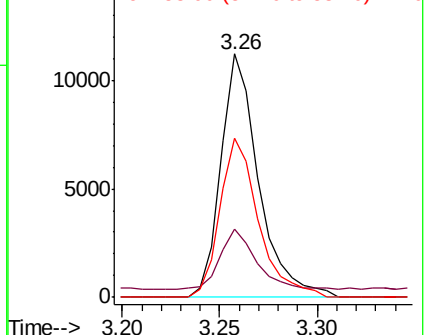
88 100

43 27.8 25.6 38.4

58 65.3 54.6 82.0



Abundance Ion 88.00 (87.70 to 88.70): BN0
Ion 43.00 (42.70 to 43.70): BN0
Ion 58.00 (57.70 to 58.70): BN0



#4

Benzaldehyde

Concen: 40.678 ng/uL

RT: 6.88 min Scan# 661

Delta R.T. -0.02 min

Lab File: BN004638.D

Acq: 07 Mar 2019 15:55

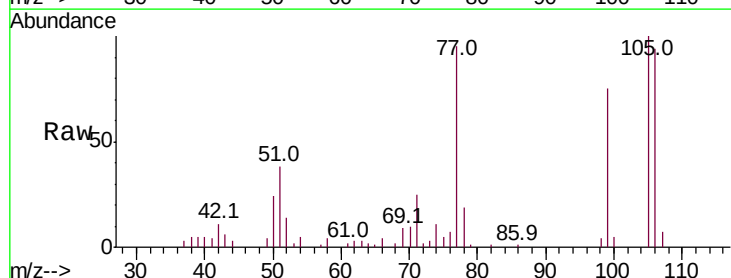
Tgt Ion: 77 Resp: 66490

Ion Ratio Lower Upper

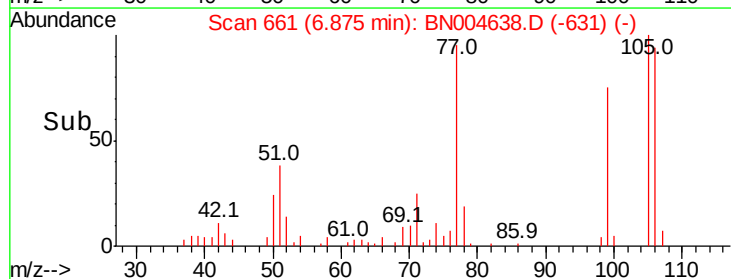
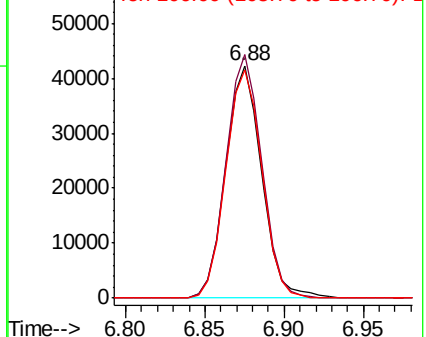
77 100

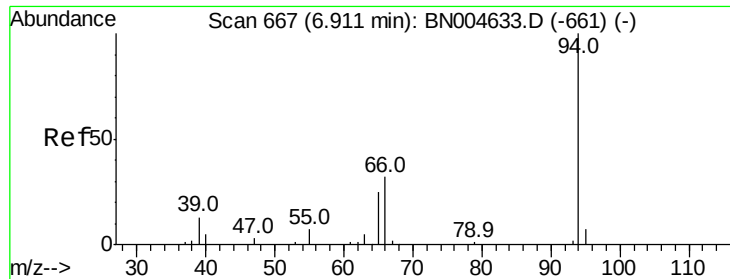
105 104.8 85.4 128.0

106 98.5 84.8 127.2



Abundance Ion 77.00 (76.70 to 77.70): BN0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#6

Phenol

Concen: 42.326 ng/ul

RT: 6.91 min Scan# 667

Delta R.T. -0.02 min

Lab File: BN004638.D

Acq: 07 Mar 2019 15:55

Instrument :

BNA_N

ClientSampled :

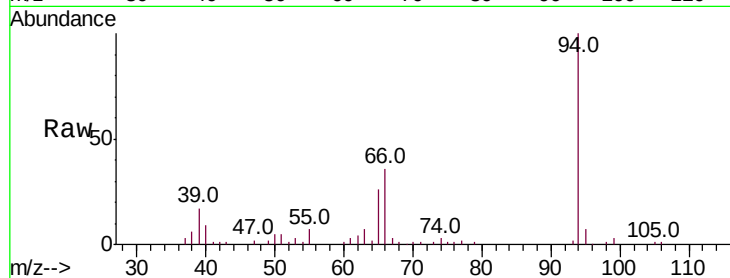
Tot Ion: 94 Resp: 108748

Ion Ratio Lower Upper

94 100

65 25.7 20.2 30.4

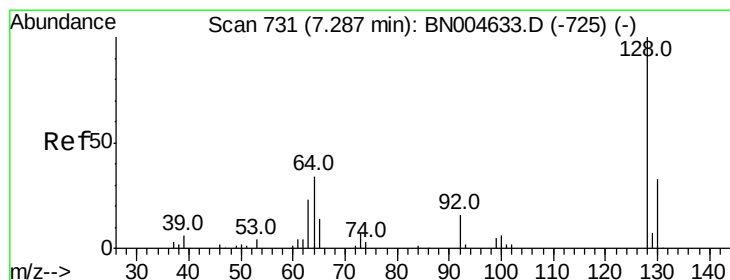
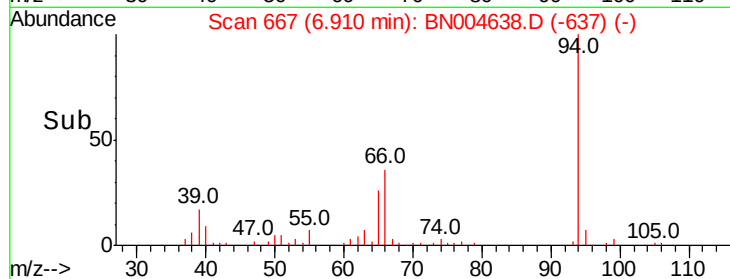
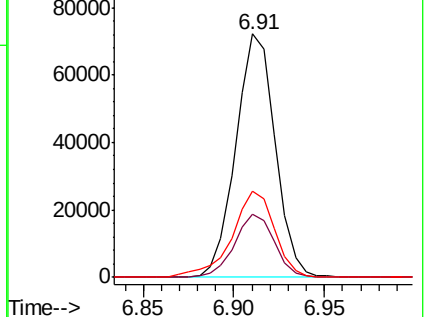
66 35.6 28.2 42.2



Abundance Ion 94.00 (93.70 to 94.70): BN004633.D (-661) (-)

Ion 65.00 (64.70 to 65.70): BN004633.D (-661) (-)

Ion 66.00 (65.70 to 66.70): BN004633.D (-661) (-)



#10

2-Chlorophenol

Concen: 28.130 ng/ul

RT: 7.28 min Scan# 730

Delta R.T. -0.02 min

Lab File: BN004638.D

Acq: 07 Mar 2019 15:55

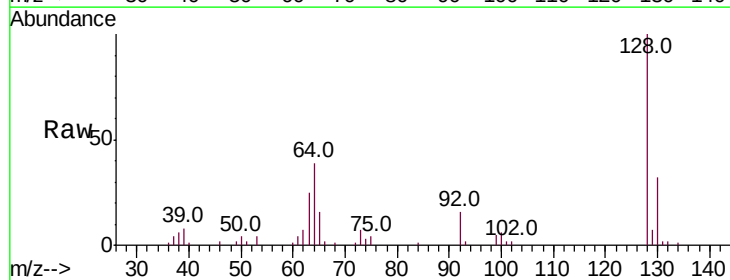
Tgt Ion:128 Resp: 62176

Ion Ratio Lower Upper

128 100

64 39.2 31.0 46.6

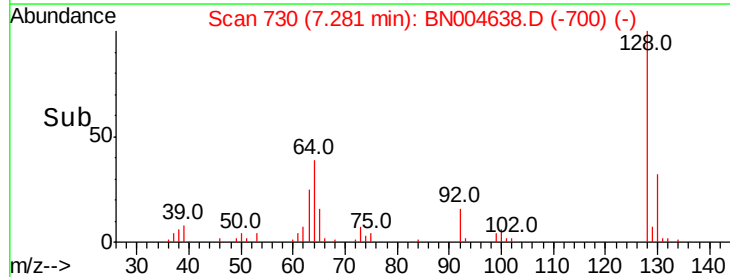
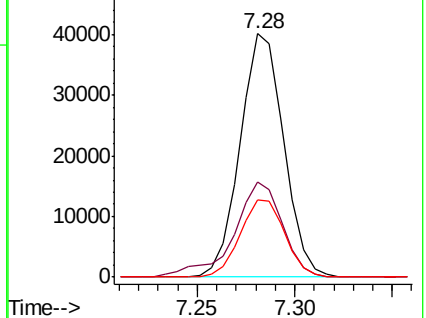
130 31.7 26.1 39.1

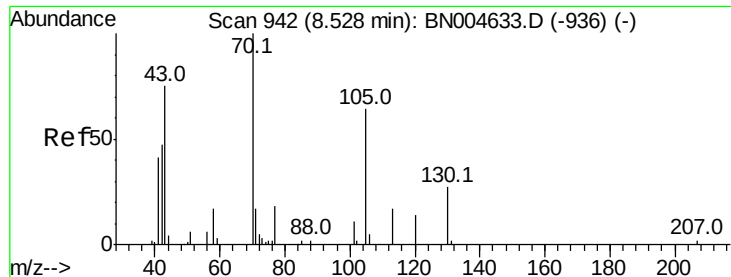


Abundance Ion 128.00 (127.70 to 128.70): BN004633.D (-725) (-)

Ion 64.00 (63.70 to 64.70): BN004633.D (-725) (-)

Ion 130.00 (129.70 to 130.70): BN004633.D (-725) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 31.730 ng/ul

RT: 8.52 min Scan# 941

Delta R.T. -0.02 min

Lab File: BN004638.D

Acq: 07 Mar 2019 15:55

Instrument :

BNA_N

ClientSampled :

Tot Ion: 70 Resp: 49320

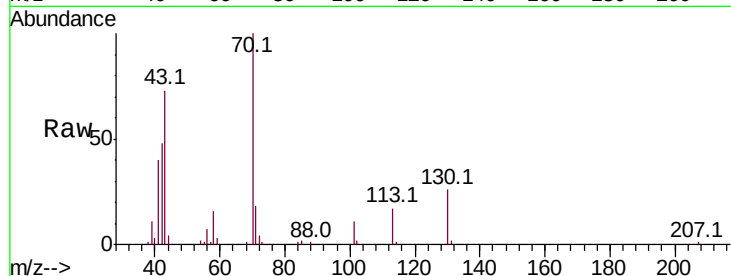
Ion Ratio Lower Upper

70 100

42 47.6 38.6 58.0

101 11.0 8.4 12.6

130 25.7 19.9 29.9

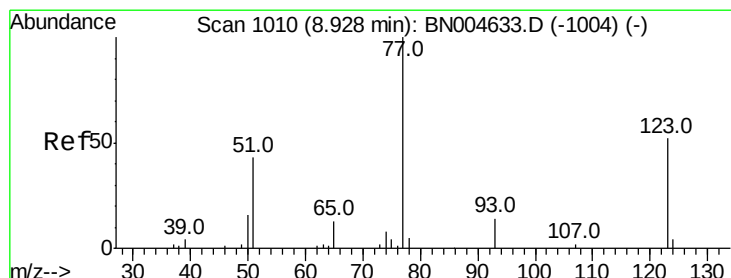
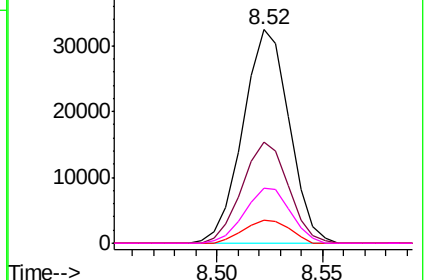
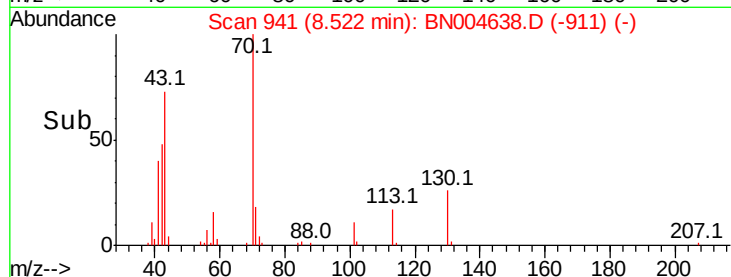


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

Nitrobenzene

Concen: 25.270 ng/ul

RT: 8.92 min Scan# 1009

Delta R.T. -0.02 min

Lab File: BN004638.D

Acq: 07 Mar 2019 15:55

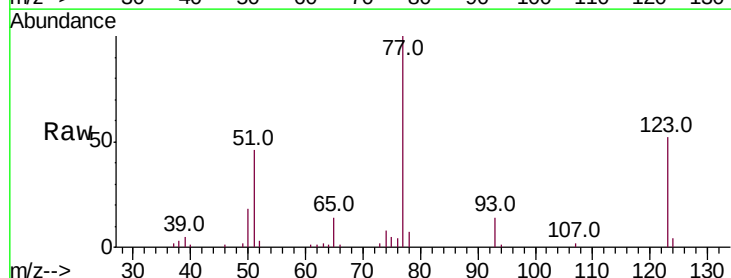
Tgt Ion: 77 Resp: 57427

Ion Ratio Lower Upper

77 100

123 52.2 41.6 62.4

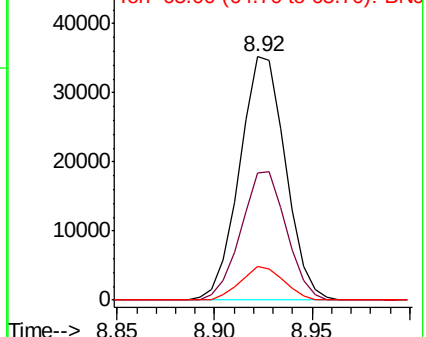
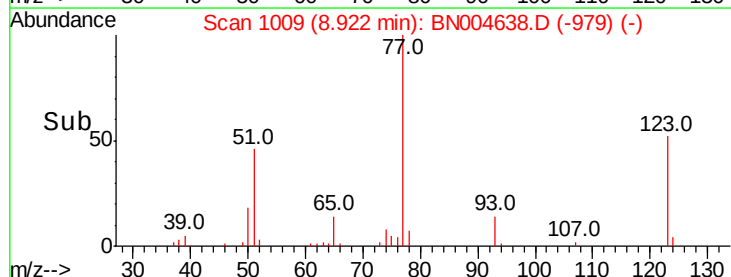
65 13.6 10.2 15.4

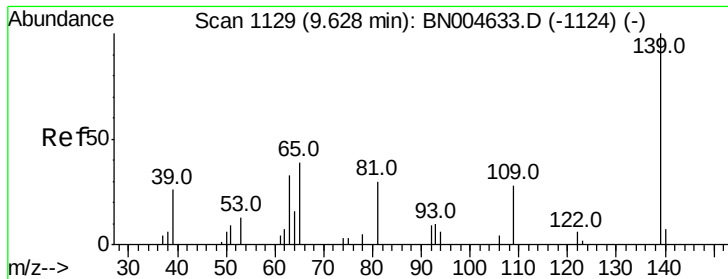


Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BN0

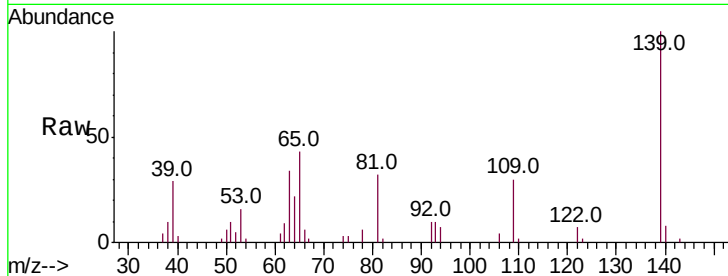




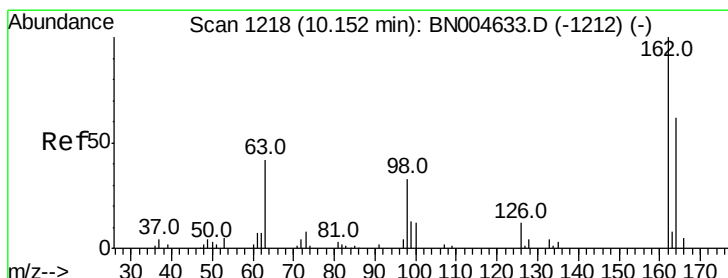
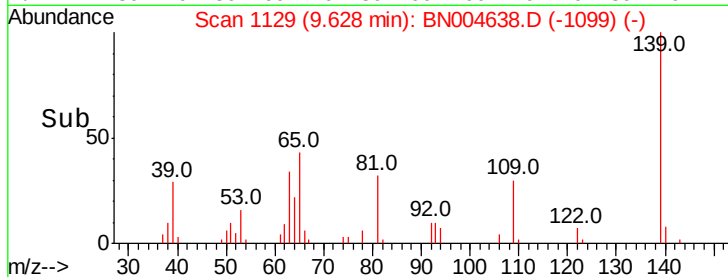
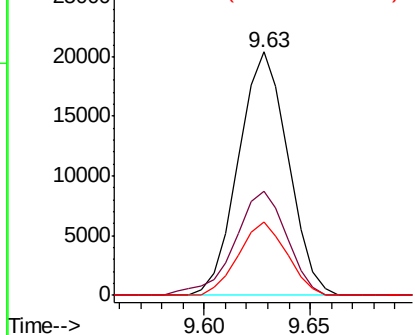
#23
2-Nitrophenol
Concen: 24.473 ng/ul
RT: 9.63 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BN004638.D
Acq: 07 Mar 2019 15:55

Instrument :
BNA_N
ClientSampled :

Tot Ion:139 Resp: 33262
Ion Ratio Lower Upper
139 100
65 43.0 32.7 49.1
109 30.2 22.8 34.2

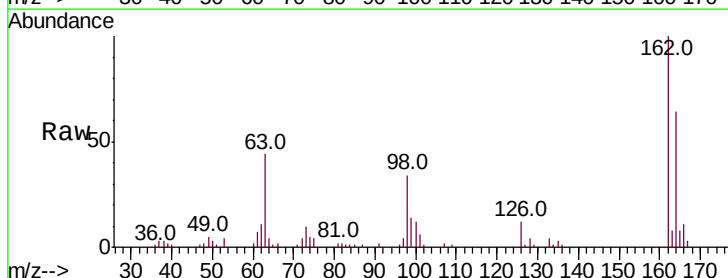


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BNO
Ion 109.00 (108.70 to 109.70): E

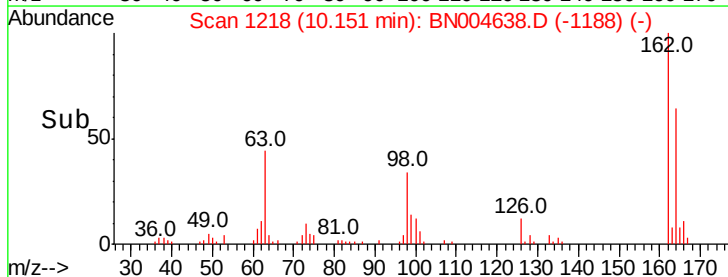
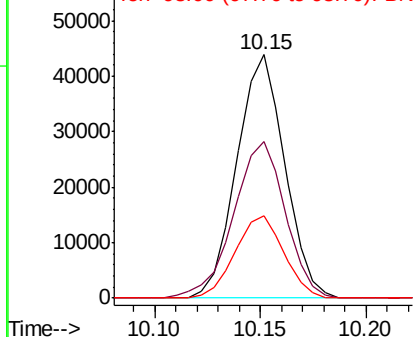


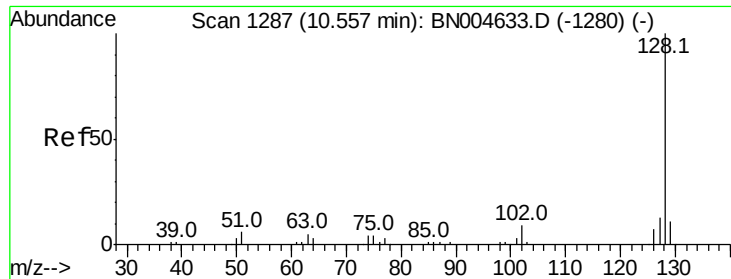
#27
2,4-Dichlorophenol
Concen: 29.323 ng/ul
RT: 10.15 min Scan# 1218
Delta R.T. -0.02 min
Lab File: BN004638.D
Acq: 07 Mar 2019 15:55

Tgt Ion:162 Resp: 69142
Ion Ratio Lower Upper
162 100
164 64.4 53.0 79.4
98 34.1 27.0 40.4



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





#28

Naphthalene

Concen: 20.453 ng/ul

RT: 10.56 min Scan# 1287

Delta R.T. -0.02 min

Lab File: BN004638.D

Acq: 07 Mar 2019 15:55

Instrument :

BNA_N

ClientSampleId :

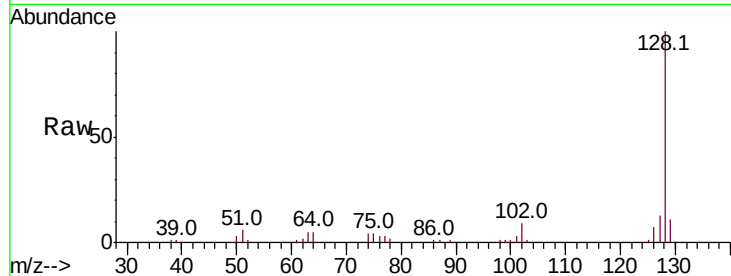
Tot Ion:128 Resp: 154728

Ion Ratio Lower Upper

128 100

129 10.8 8.7 13.1

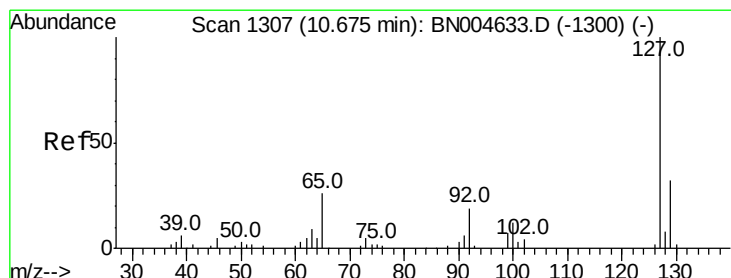
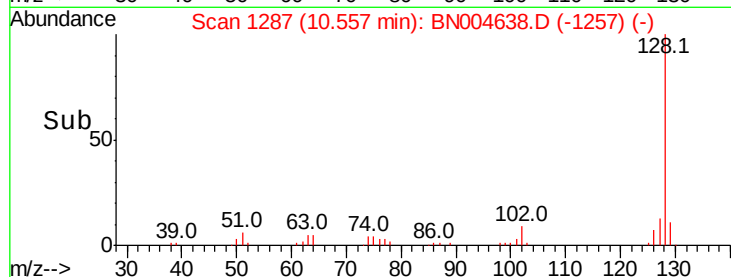
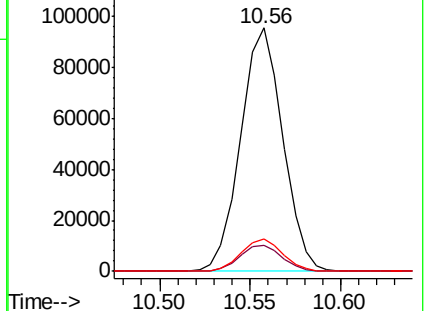
127 13.3 10.2 15.4



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



#30

4-Chloroaniline

Concen: 6.984 ng/ul

RT: 10.56 min Scan# 1287

Delta R.T. -0.14 min

Lab File: BN004638.D

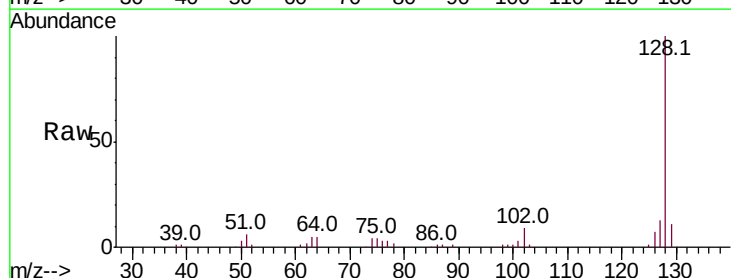
Acq: 07 Mar 2019 15:55

Tgt Ion:127 Resp: 20403

Ion Ratio Lower Upper

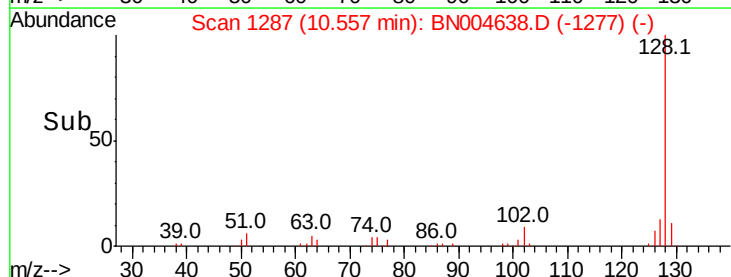
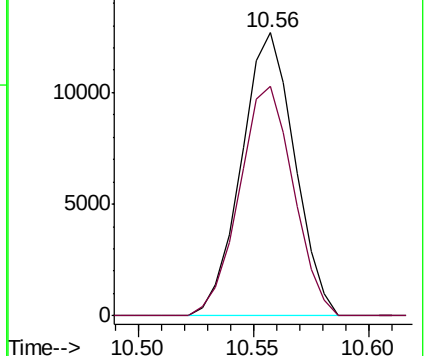
127 100

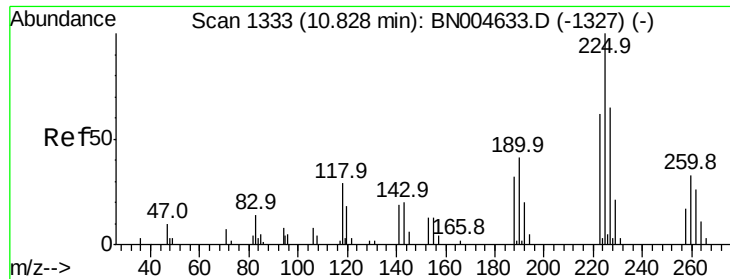
129 81.2 26.1 39.1#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#31

Hexachlorobutadiene

Concen: 31.026 ng/ul

RT: 10.82 min Scan# 1332

Delta R.T. -0.03 min

Lab File: BN004638.D

Acq: 07 Mar 2019 15:55

Instrument :

BNA_N

ClientSampleId :

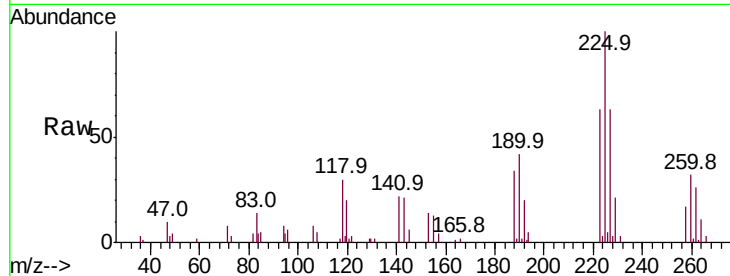
Tot Ion:225 Resp: 48621

Ion Ratio Lower Upper

225 100

223 63.3 49.8 74.6

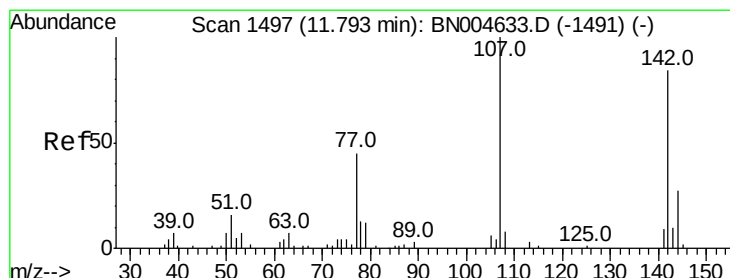
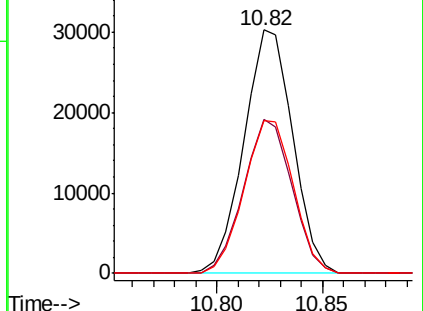
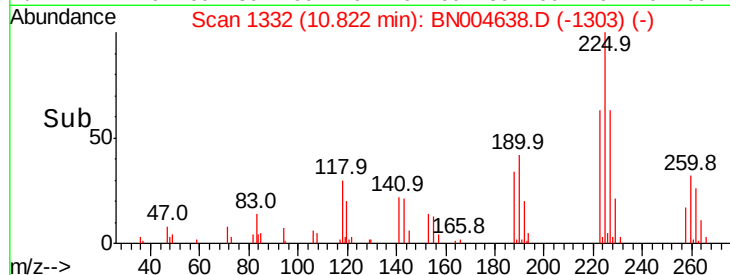
227 62.9 50.2 75.2



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



#33

4-Chloro-3-methylphenol

Concen: 49.667 ng/ul

RT: 11.79 min Scan# 1496

Delta R.T. -0.02 min

Lab File: BN004638.D

Acq: 07 Mar 2019 15:55

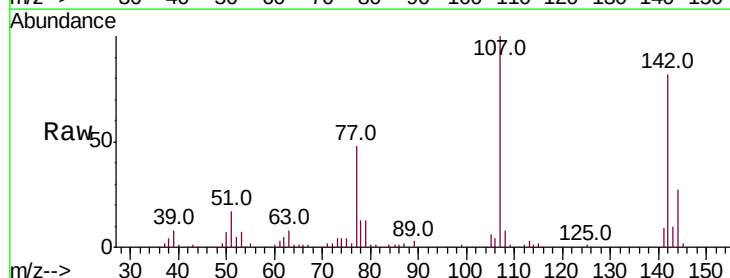
Tgt Ion:107 Resp: 125570

Ion Ratio Lower Upper

107 100

144 26.9 22.2 33.4

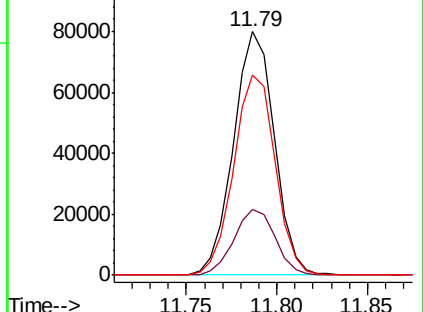
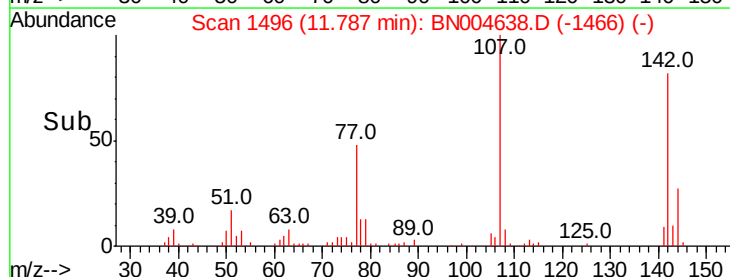
142 82.3 67.4 101.0

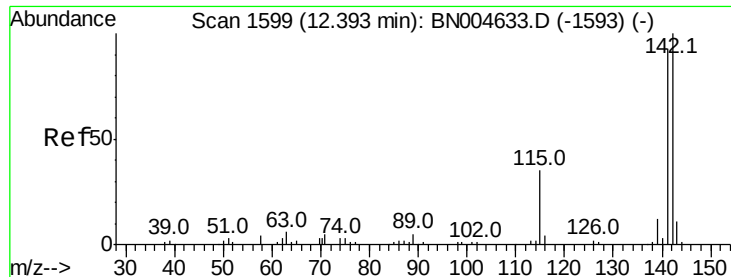


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

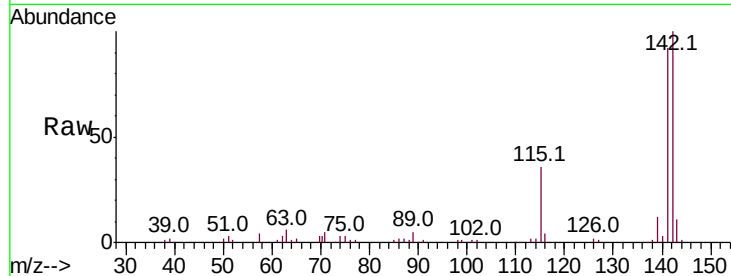




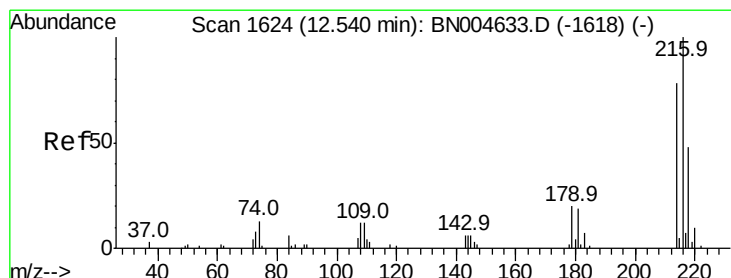
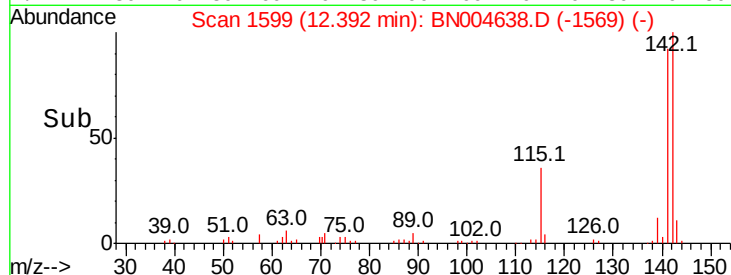
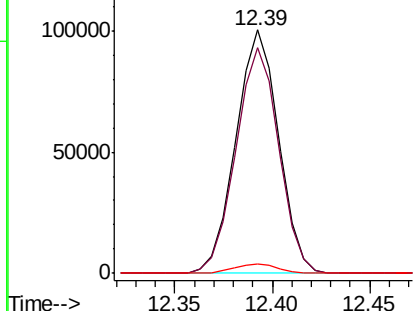
#35
 1-Methylnaphthalene
 Concen: 28.572 ng/ul
 RT: 12.39 min Scan# 1599
 Delta R.T. -0.02 min
 Lab File: BN004638.D
 Acq: 07 Mar 2019 15:55

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.5	74.9	112.3
116	3.8	3.1	4.7

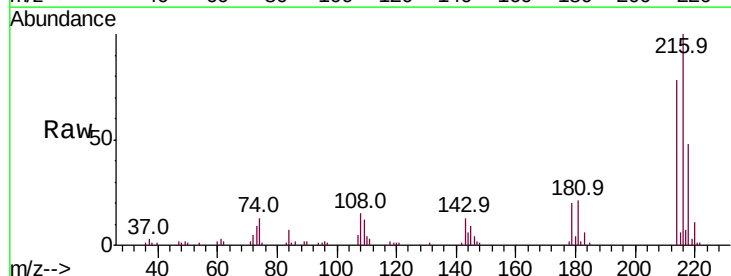


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

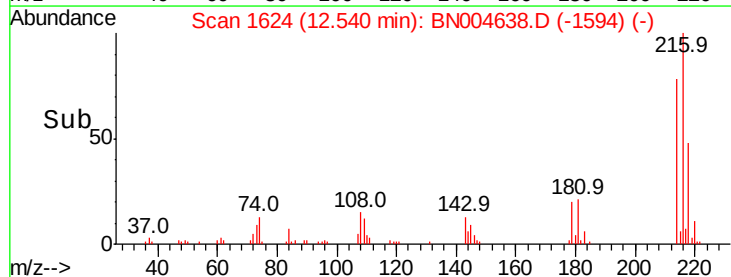
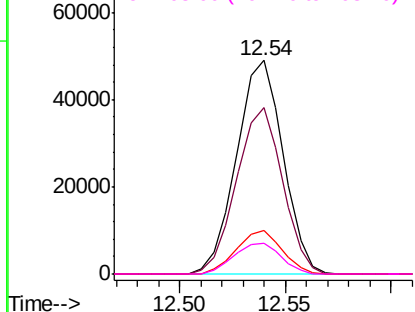


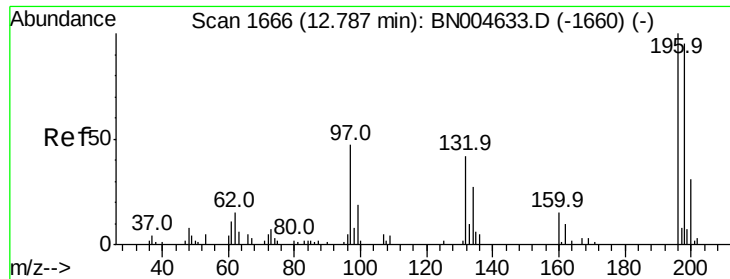
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 23.017 ng/ul
 RT: 12.54 min Scan# 1624
 Delta R.T. -0.02 min
 Lab File: BN004638.D
 Acq: 07 Mar 2019 15:55

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.8	60.9	91.3
179	20.5	16.2	24.4
108	14.7	11.5	17.3



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

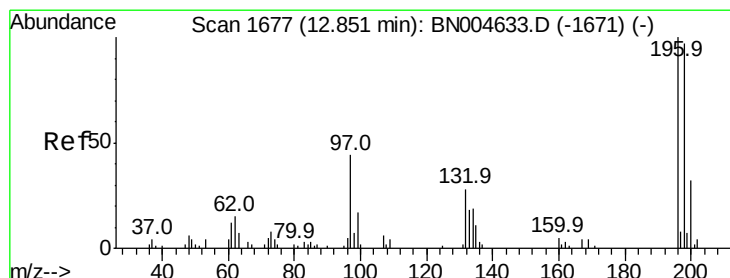
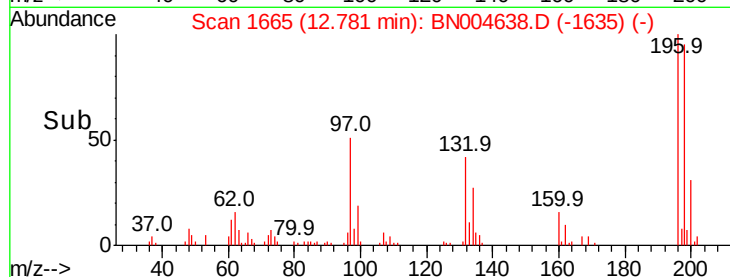
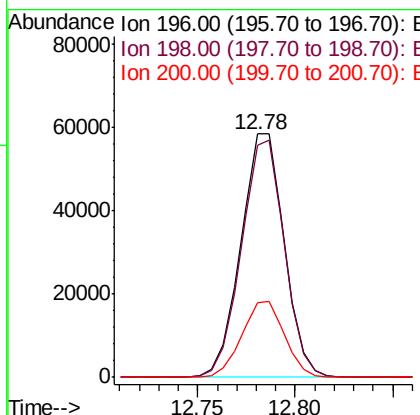
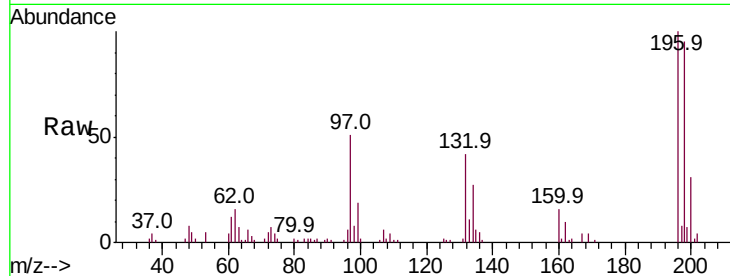




#39
 2,4,6-Trichlorophenol
 Concen: 42.752 ng/ul
 RT: 12.78 min Scan# 1665
 Delta R.T. -0.02 min
 Lab File: BN004638.D
 Acq: 07 Mar 2019 15:55

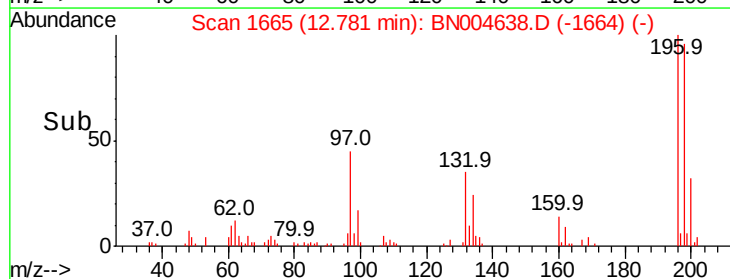
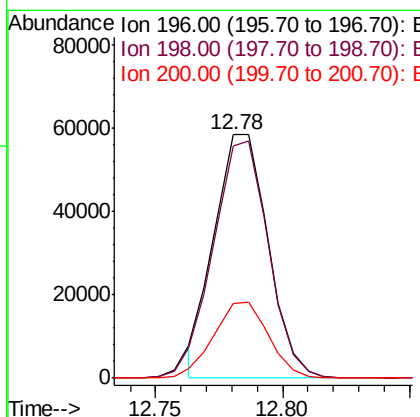
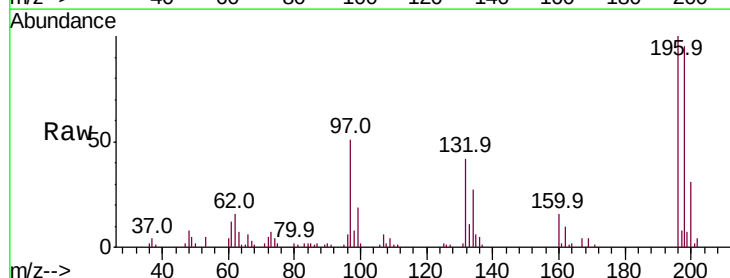
Instrument :
 BNA_N
 ClientSampled :

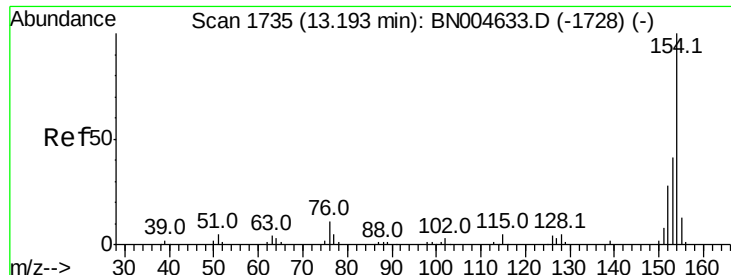
Tot Ion	196	Resp	89747
Ion Ratio	100	Lower	Upper
196	100		
198	95.4	76.6	115.0
200	30.8	24.5	36.7



#40
 2,4,5-Trichlorophenol
 Concen: 37.521 ng/ul
 RT: 12.78 min Scan# 1665
 Delta R.T. -0.09 min
 Lab File: BN004638.D
 Acq: 07 Mar 2019 15:55

Tgt Ion	196	Resp	86222
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
196	100		
198	95.4	79.9	119.9
200	30.8	25.9	38.9

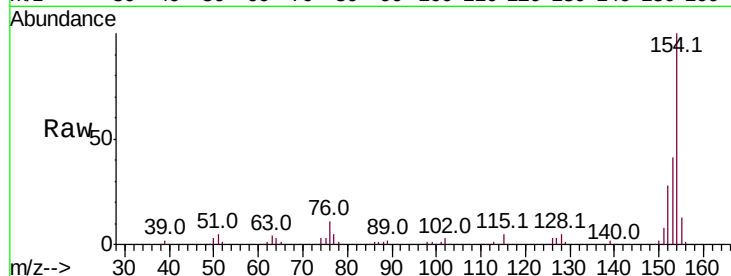




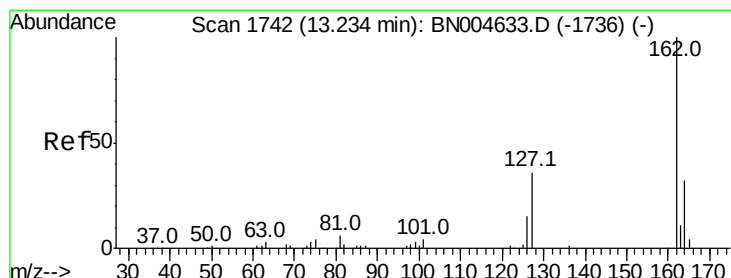
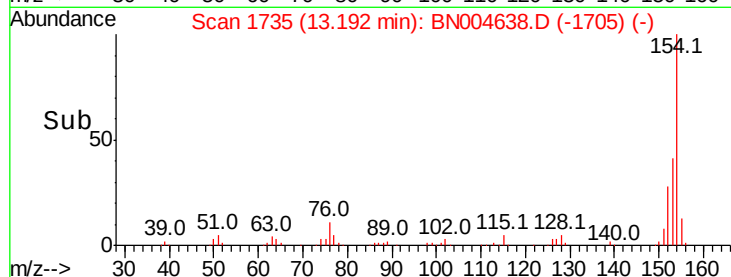
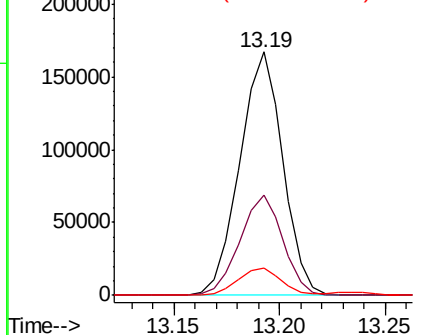
#41
 1,1'-Biphenyl
 Concen: 30.238 ng/ul
 RT: 13.19 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BN004638.D
 Acq: 07 Mar 2019 15:55

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:	154	Resp:	235757
Ion	Ratio	Lower	Upper
154	100		
153	41.0	32.6	48.8
76	11.0	9.2	13.8

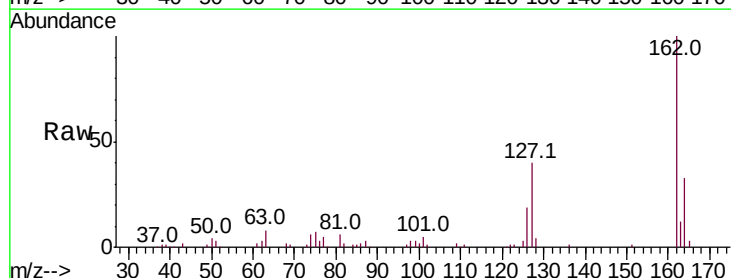


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BNC

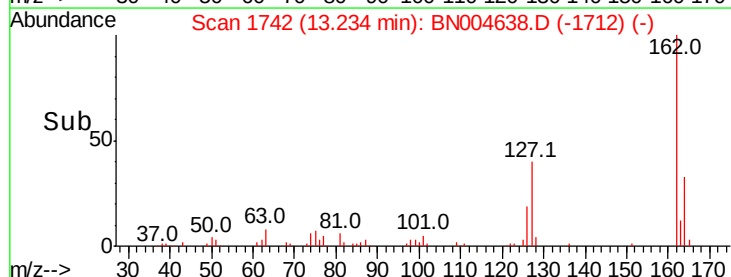
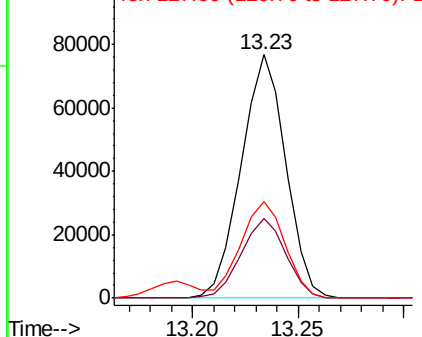


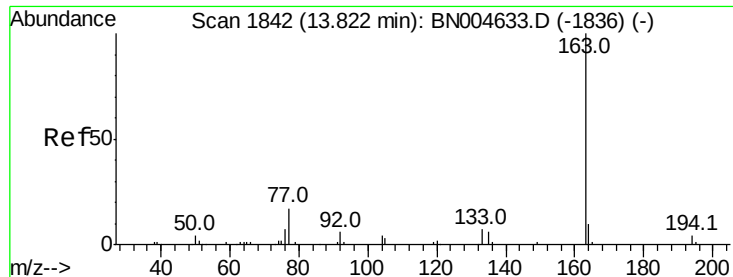
#42
 2-Chloronaphthalene
 Concen: 18.992 ng/ul
 RT: 13.23 min Scan# 1742
 Delta R.T. -0.02 min
 Lab File: BN004638.D
 Acq: 07 Mar 2019 15:55

Tgt Ion:	162	Resp:	112587
Ion	Ratio	Lower	Upper
162	100		
164	32.7	26.4	39.6
127	39.5	31.8	47.6



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





#45

Dimethylphthalate

Concen: 27.319 ng/ul

RT: 13.82 min Scan# 1842

Delta R.T. -0.02 min

Lab File: BN004638.D

Acq: 07 Mar 2019 15:55

Instrument :

BNA_N

ClientSampleId :

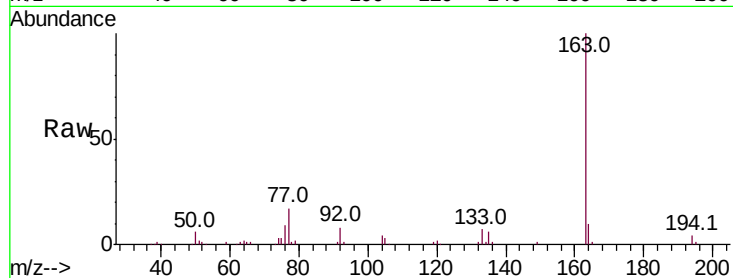
Tot Ion:163 Resp: 214793

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

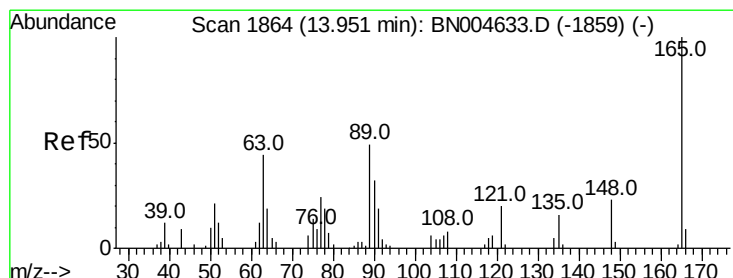
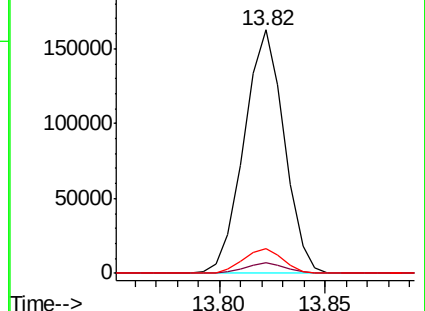
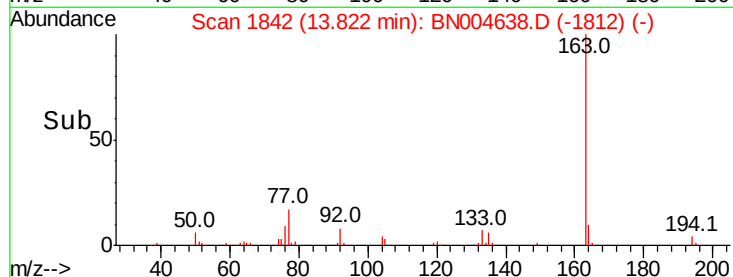
164 10.3 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#46

2,6-Dinitrotoluene

Concen: 29.809 ng/ul

RT: 13.95 min Scan# 1864

Delta R.T. -0.02 min

Lab File: BN004638.D

Acq: 07 Mar 2019 15:55

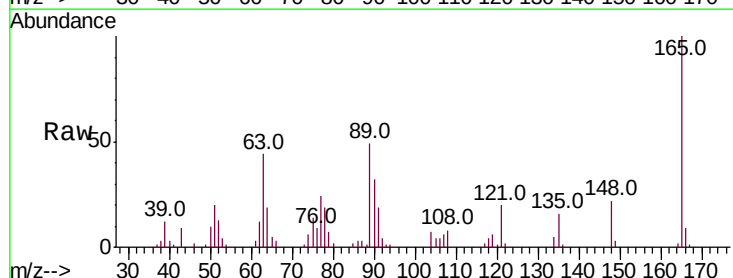
Tgt Ion:165 Resp: 47455

Ion Ratio Lower Upper

165 100

89 49.4 42.0 63.0

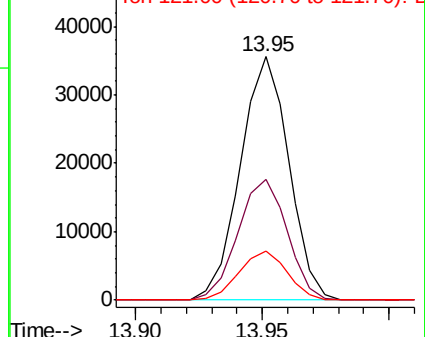
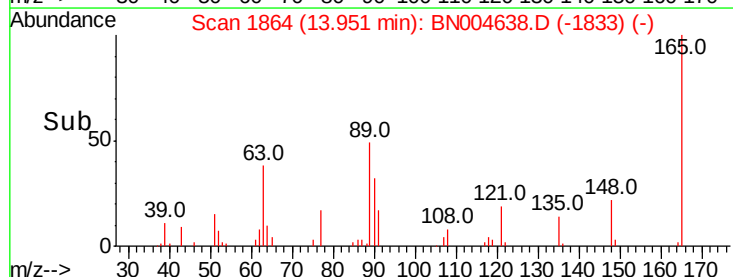
121 19.9 17.0 25.6

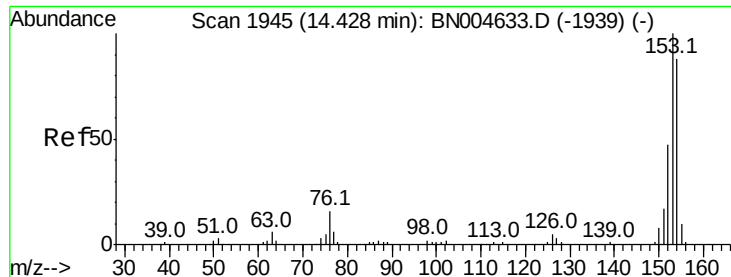


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BNC

Ion 121.00 (120.70 to 121.70): E





#50

Acenaphthene

Concen: 25.521 ng/ul

RT: 14.43 min Scan# 1945

Delta R.T. -0.02 min

Lab File: BN004638.D

Acq: 07 Mar 2019 15:55

Instrument :

BNA_N

ClientSampleId :

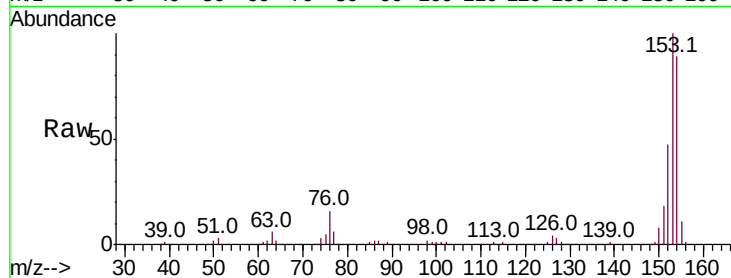
Tot Ion:153 Resp: 164436

Ion Ratio Lower Upper

153 100

152 47.2 37.8 56.6

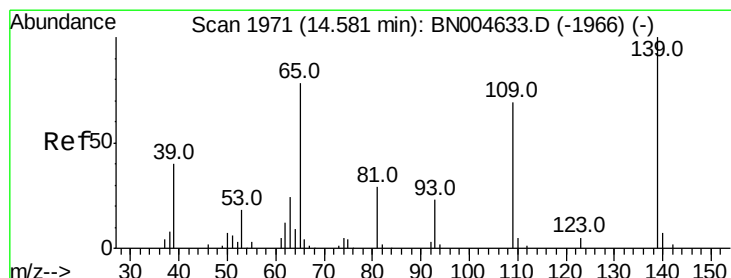
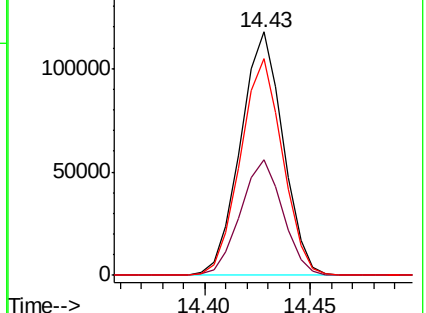
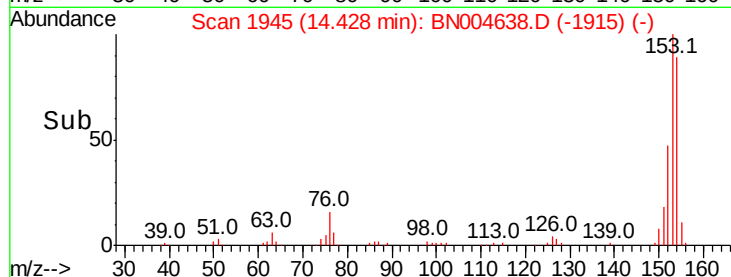
154 89.2 70.0 105.0



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

4-Nitrophenol

Concen: 25.067 ng/ul

RT: 14.58 min Scan# 1971

Delta R.T. -0.01 min

Lab File: BN004638.D

Acq: 07 Mar 2019 15:55

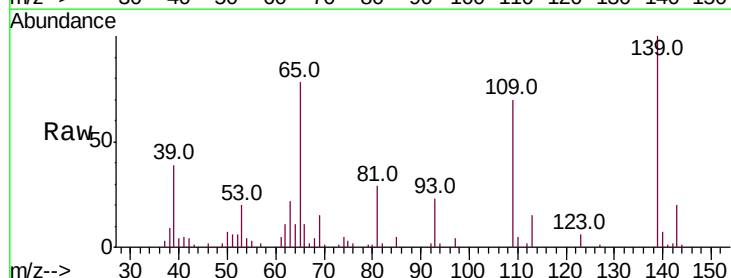
Tgt Ion:109 Resp: 27088

Ion Ratio Lower Upper

109 100

139 143.2 112.1 168.1

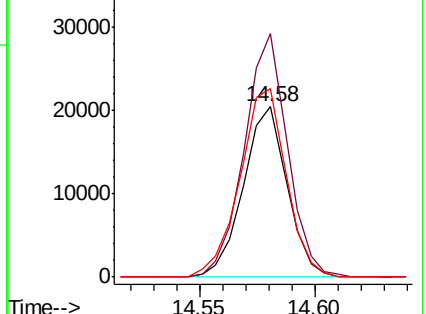
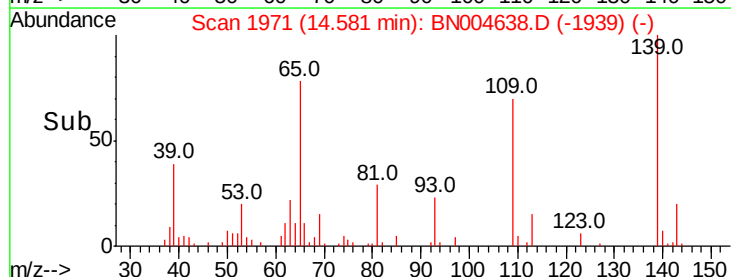
65 111.1 90.3 135.5

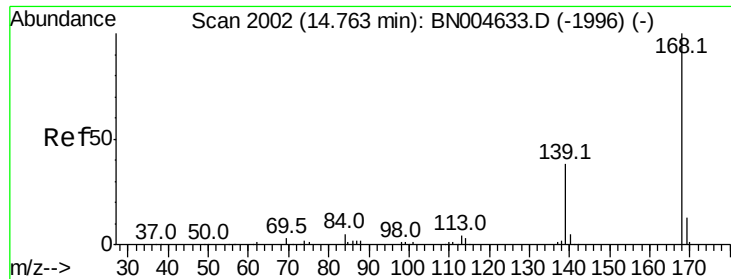


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNO





#54

Dibenzo(f,h)quinoxaline

Concen: 21.040 ng/ul

RT: 14.76 min Scan# 2002

Delta R.T. -0.02 min

Lab File: BN004638.D

Acq: 07 Mar 2019 15:55

Instrument :

BNA_N

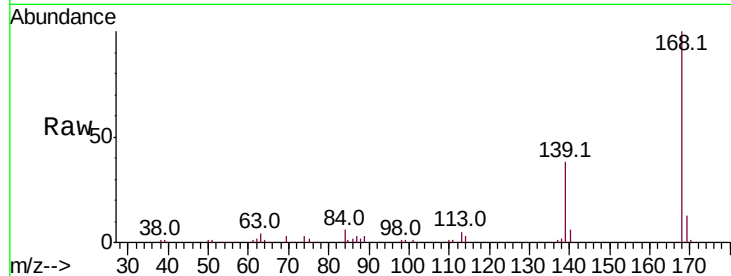
ClientSampleId :

Tot Ion:168 Resp: 194723

Ion Ratio Lower Upper

168 100

139 37.8 29.8 44.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.76

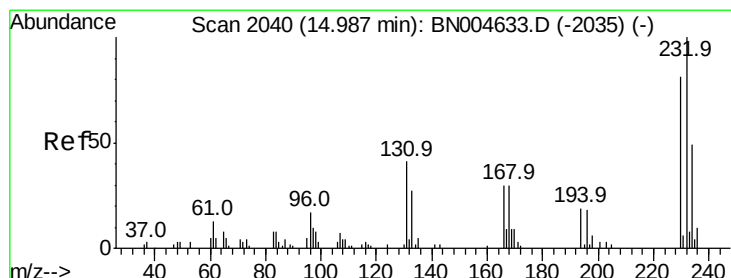
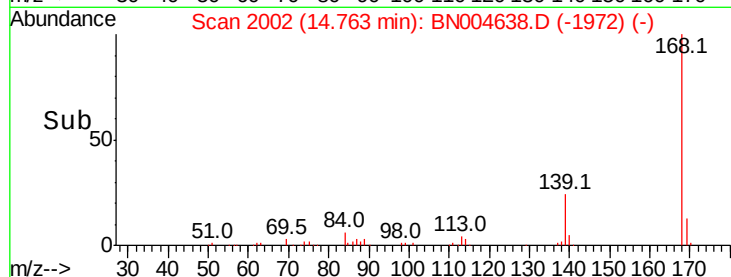
150000

100000

50000

0

Time--> 14.70 14.75 14.80



#56

2,3,4,6-Tetrachlorophenol

Concen: 25.597 ng/ul

RT: 14.99 min Scan# 2040

Delta R.T. -0.02 min

Lab File: BN004638.D

Acq: 07 Mar 2019 15:55

Tgt Ion:232 Resp: 54440

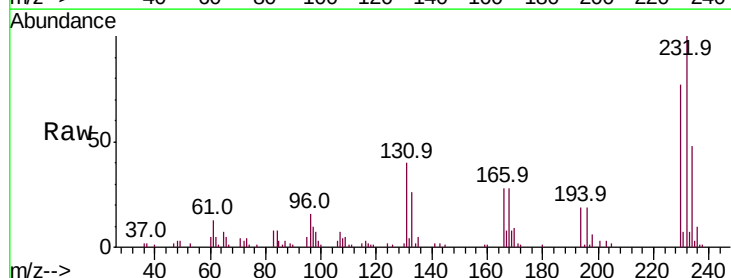
Ion Ratio Lower Upper

232 100

131 40.5 33.4 50.0

130 2.0 1.8 2.8

166 28.2 23.4 35.0



Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

14.99

60000

50000

40000

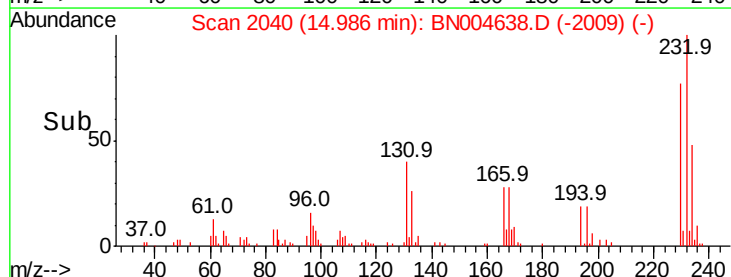
30000

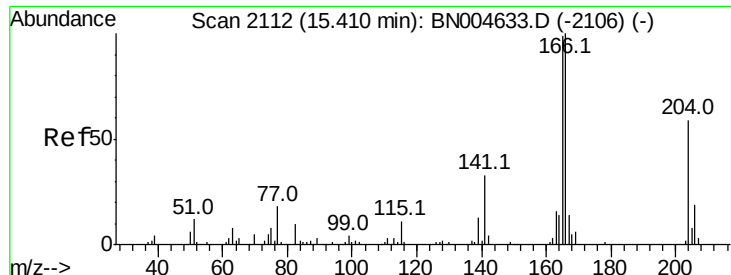
20000

10000

0

Time--> 14.95 15.00 15.05

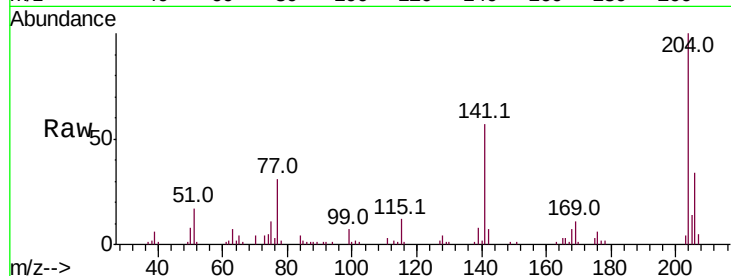




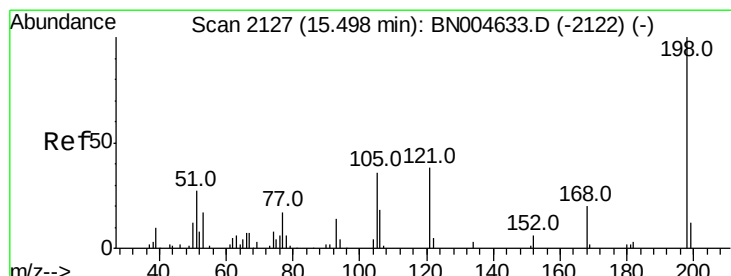
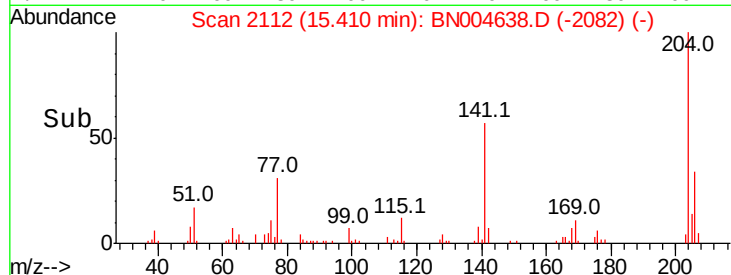
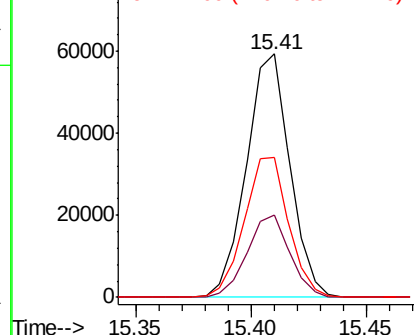
#60
 4-Chlorophenyl-phenylether
 Concen: 19.828 ng/ul
 RT: 15.41 min Scan# 2112
 Delta R.T. -0.02 min
 Lab File: BN004638.D
 Acq: 07 Mar 2019 15:55

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:204 Resp: 78170
 Ion Ratio Lower Upper
 204 100
 206 33.8 26.5 39.7
 141 57.4 44.8 67.2

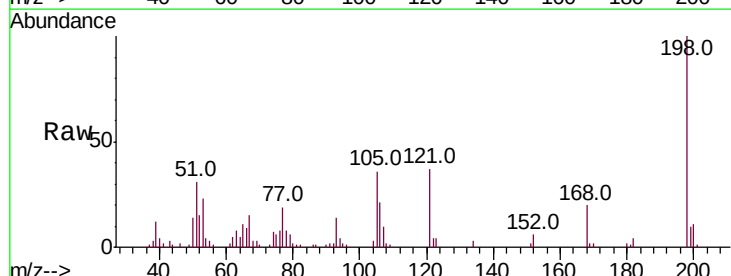


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

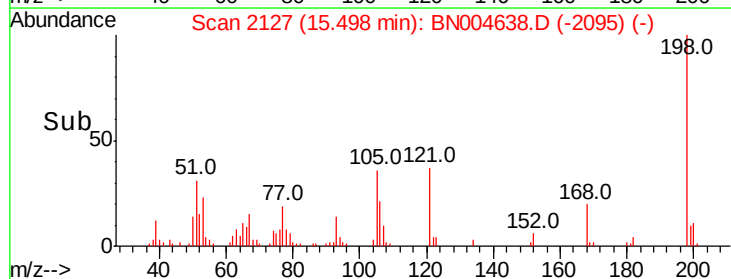
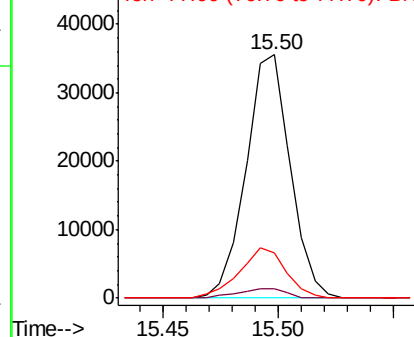


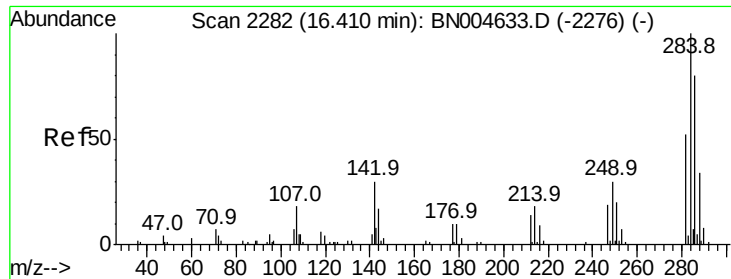
#64
 4,6-Dinitro-2-methylphenol
 Concen: 29.400 ng/ul
 RT: 15.50 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BN004638.D
 Acq: 07 Mar 2019 15:55

Tgt Ion:198 Resp: 47523
 Ion Ratio Lower Upper
 198 100
 182 3.6 3.3 4.9
 77 18.7 16.2 24.4



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BNO





#67

Hexachlorobenzene

Concen: 23.112 ng/ul

RT: 16.41 min Scan# 2282

Delta R.T. -0.02 min

Lab File: BN004638.D

Acq: 07 Mar 2019 15:55

Instrument :

BNA_N

ClientSampleId :

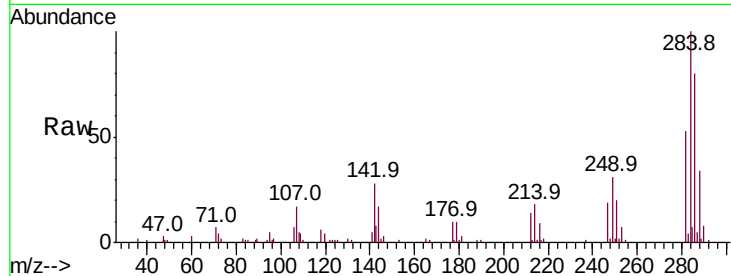
Tot Ion:284 Resp: 72291

Ion Ratio Lower Upper

284 100

142 28.2 24.5 36.7

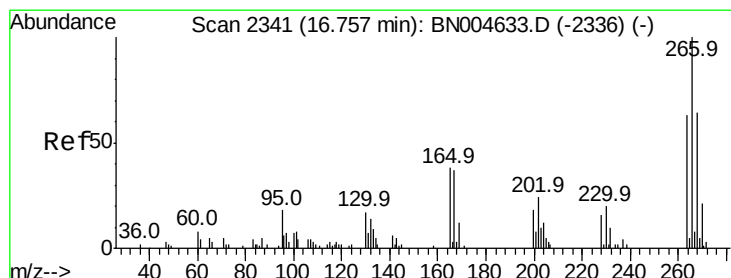
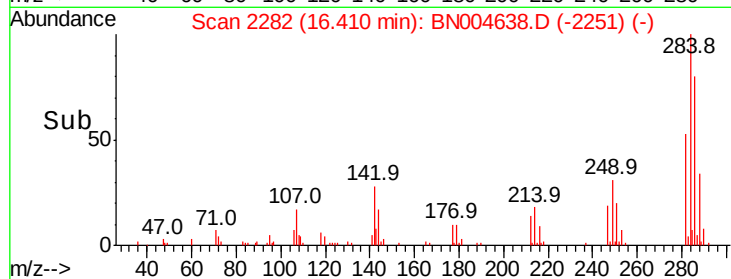
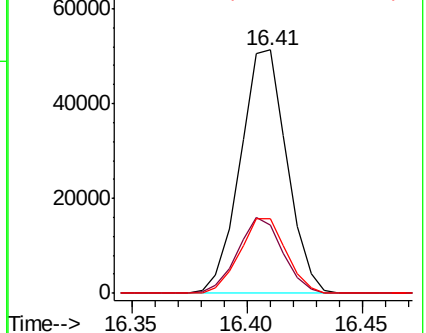
249 30.8 25.0 37.6



Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69

Pentachlorophenol

Concen: 40.929 ng/ul

RT: 16.76 min Scan# 2341

Delta R.T. -0.02 min

Lab File: BN004638.D

Acq: 07 Mar 2019 15:55

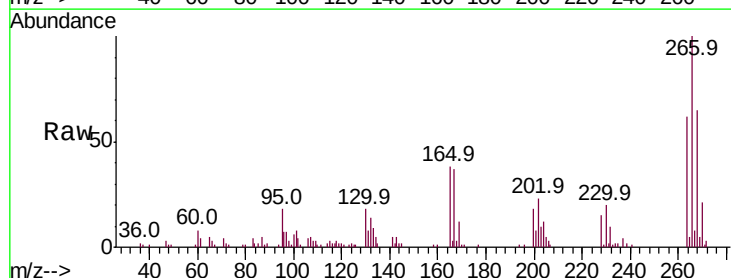
Tgt Ion:266 Resp: 79787

Ion Ratio Lower Upper

266 100

264 62.0 50.3 75.5

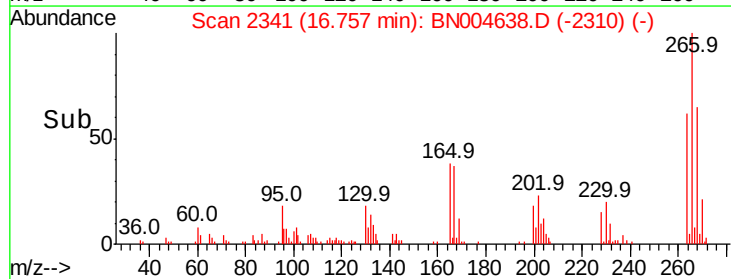
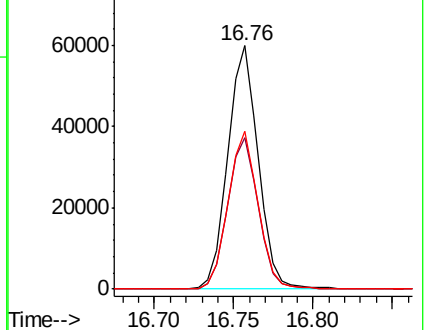
268 65.0 49.6 74.4

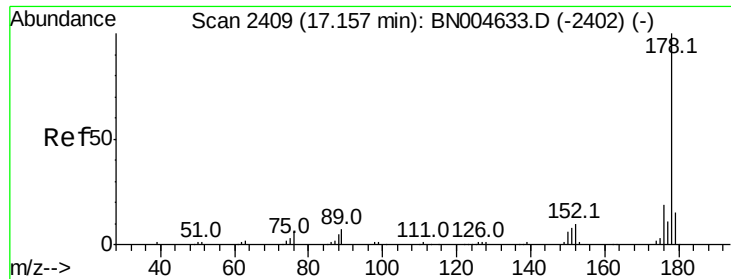


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

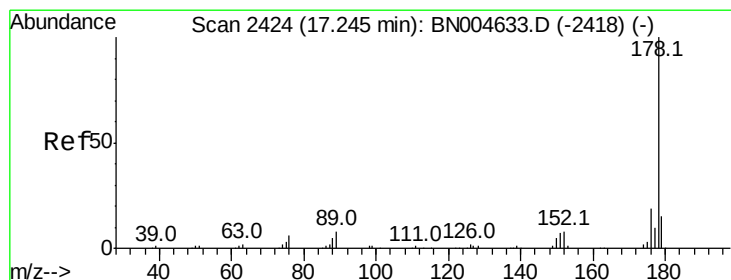
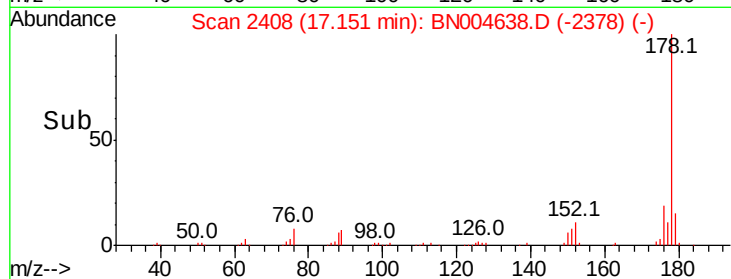
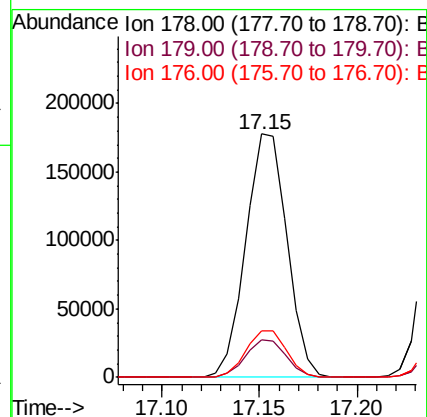
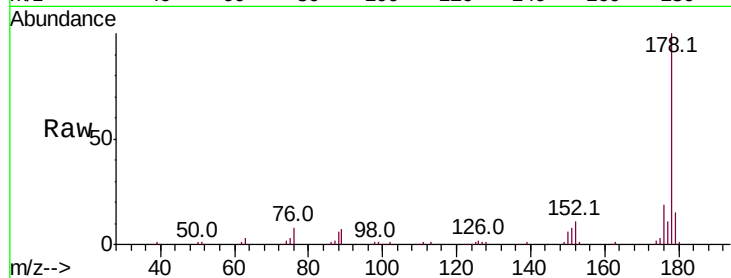




#70
 Phenanthrene
 Concen: 21.132 ng/ul
 RT: 17.15 min Scan# 2408
 Delta R.T. -0.02 min
 Lab File: BN004638.D
 Acq: 07 Mar 2019 15:55

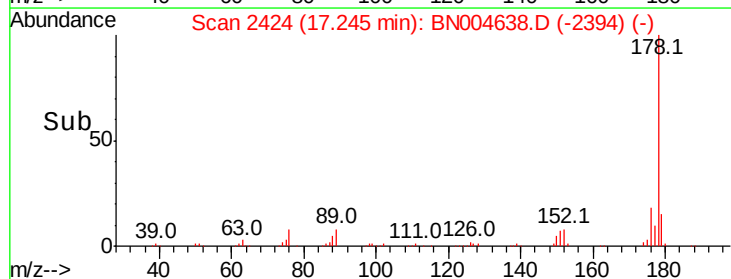
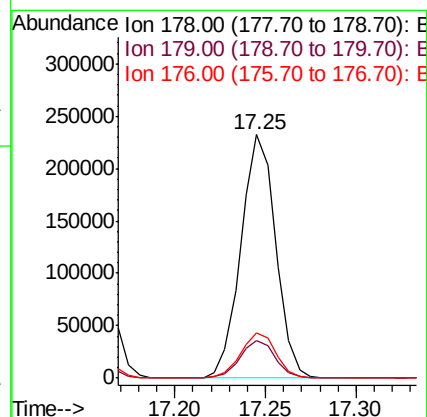
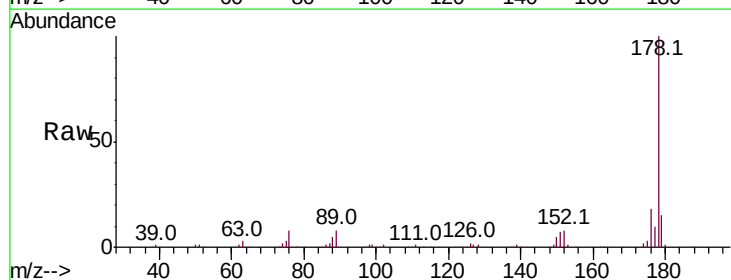
Instrument :
 BNA_N
 ClientSampleId :

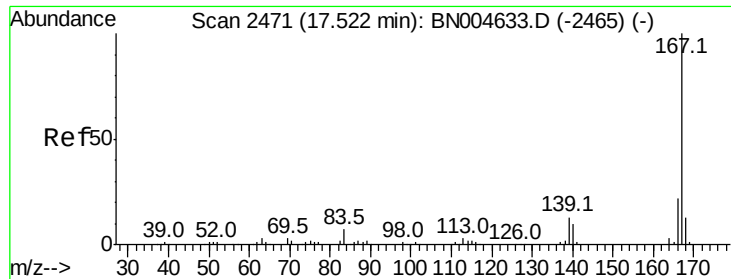
Tot Ion:178 Resp: 260945
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.3 18.5
 176 19.1 15.4 23.0



#72
 Anthracene
 Concen: 24.612 ng/ul
 RT: 17.25 min Scan# 2424
 Delta R.T. -0.02 min
 Lab File: BN004638.D
 Acq: 07 Mar 2019 15:55

Tgt Ion:178 Resp: 310511
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.2 18.4
 176 18.4 14.9 22.3

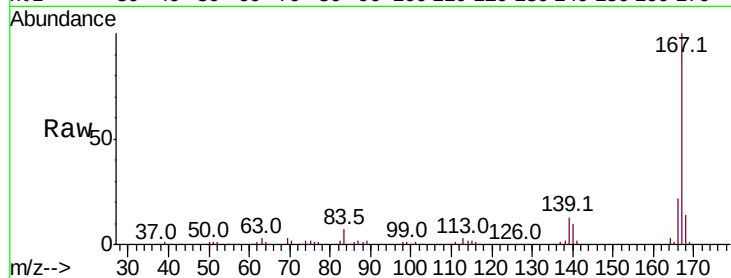




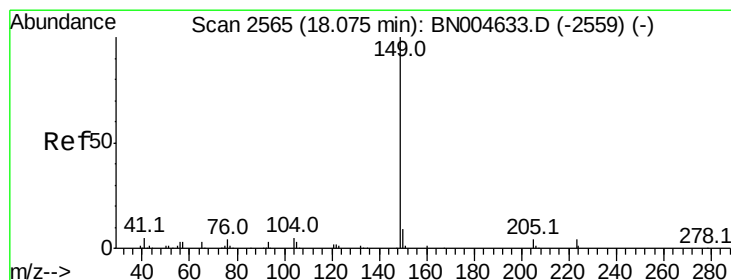
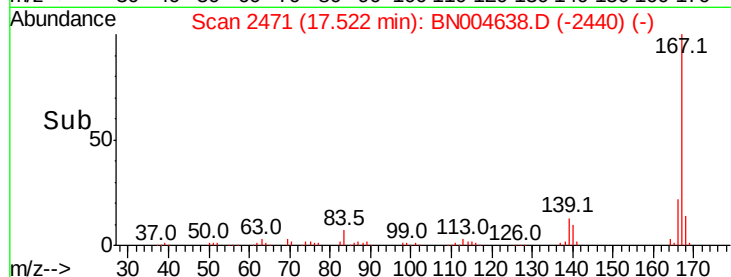
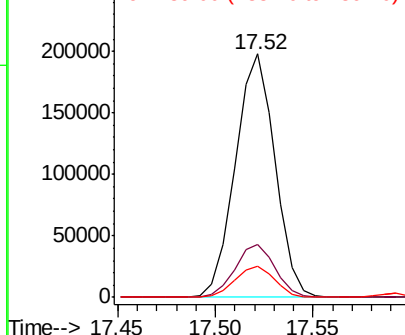
#75
 Carbazole
 Concen: 25.385 ng/ul
 RT: 17.52 min Scan# 2471
 Delta R.T. -0.02 min
 Lab File: BN004638.D
 Acq: 07 Mar 2019 15:55

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:167 Resp: 278136
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.5 26.3
 139 12.9 10.4 15.6

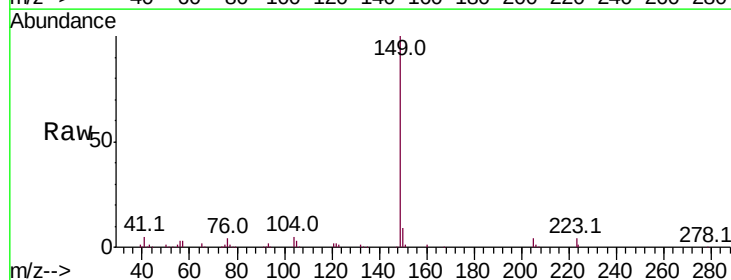


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

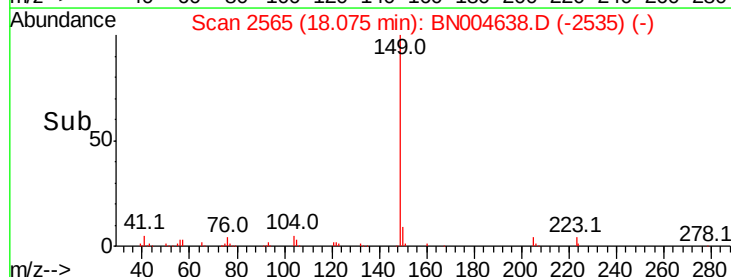
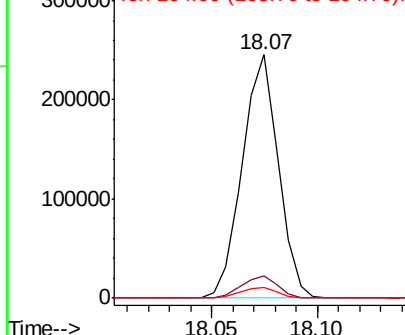


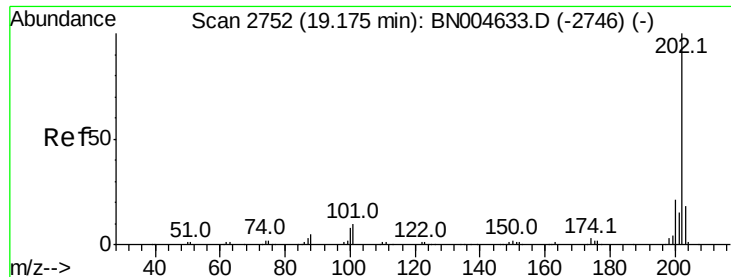
#76
 Di-n-butylphthalate
 Concen: 21.455 ng/ul
 RT: 18.07 min Scan# 2565
 Delta R.T. -0.02 min
 Lab File: BN004638.D
 Acq: 07 Mar 2019 15:55

Tgt Ion:149 Resp: 291525
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 4.6 3.7 5.5



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

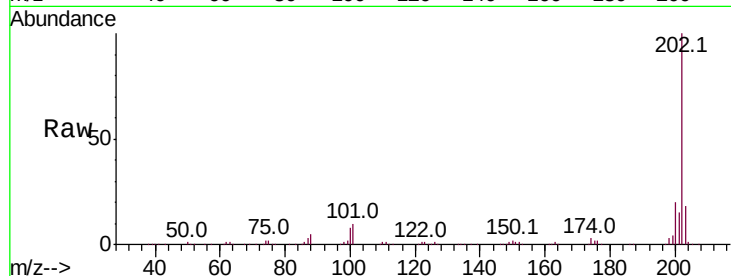




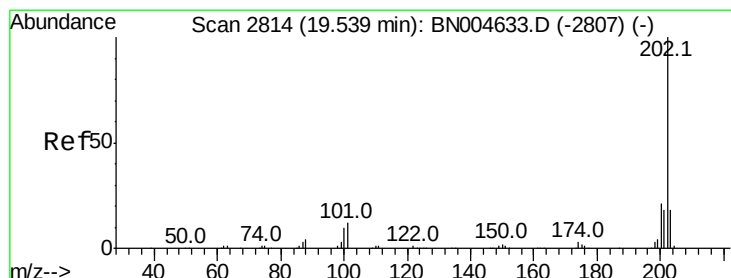
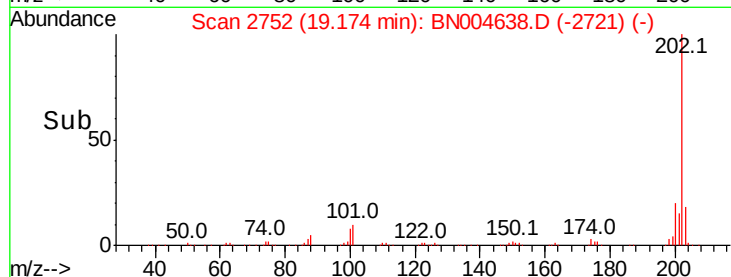
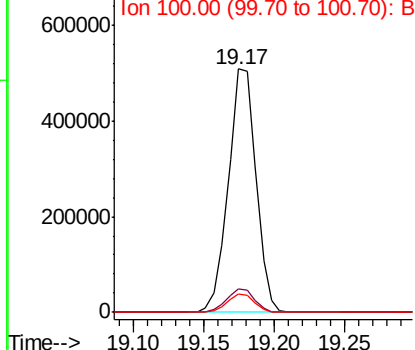
#77
Fluoranthene
 Concen: 48.792 ng/ul
 RT: 19.17 min Scan# 2752
 Delta R.T. -0.02 min
 Lab File: BN004638.D
 Acq: 07 Mar 2019 15:55

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:202 Resp: 694653
 Ion Ratio Lower Upper
 202 100
 101 9.9 8.2 12.4
 100 7.5 6.6 9.8

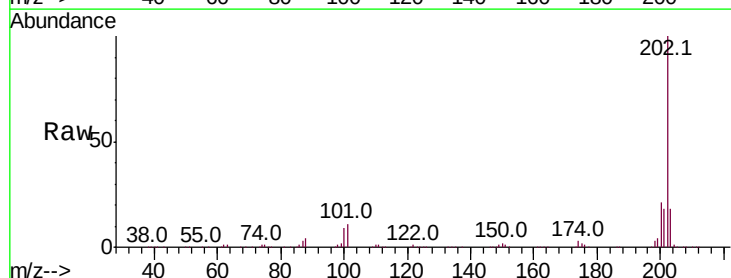


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

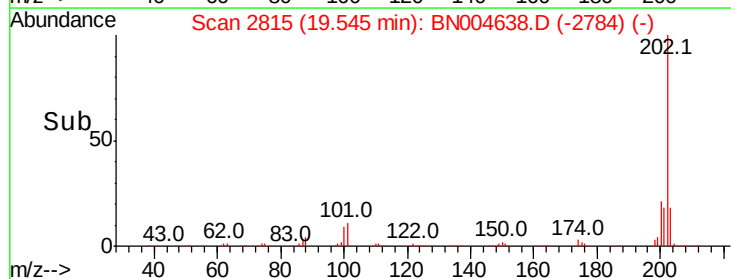
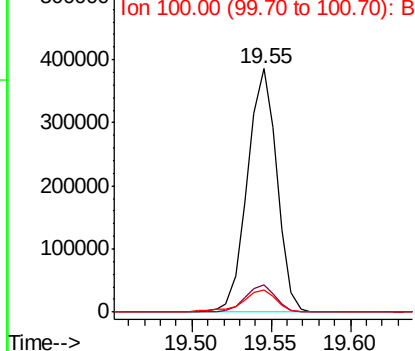


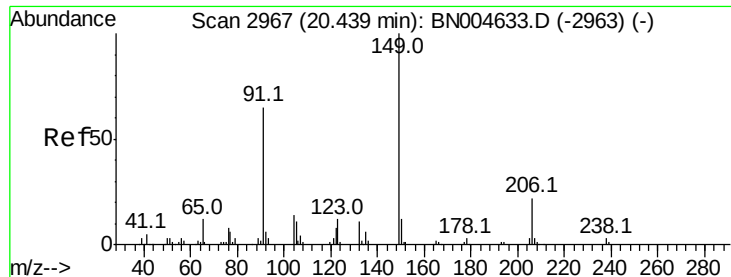
#80
Pyrene
 Concen: 32.340 ng/ul
 RT: 19.55 min Scan# 2815
 Delta R.T. -0.02 min
 Lab File: BN004638.D
 Acq: 07 Mar 2019 15:55

Tgt Ion:202 Resp: 498522
 Ion Ratio Lower Upper
 202 100
 101 11.4 9.2 13.8
 100 9.3 7.5 11.3



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

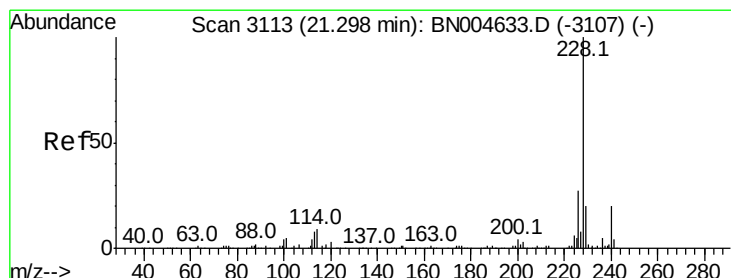
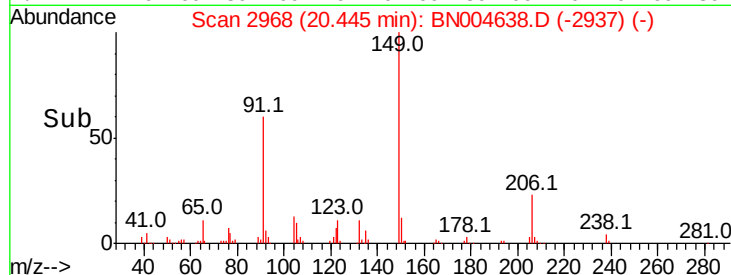
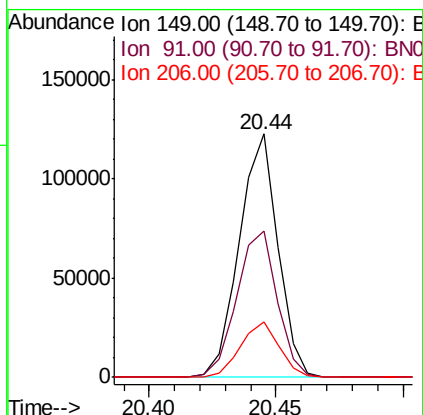
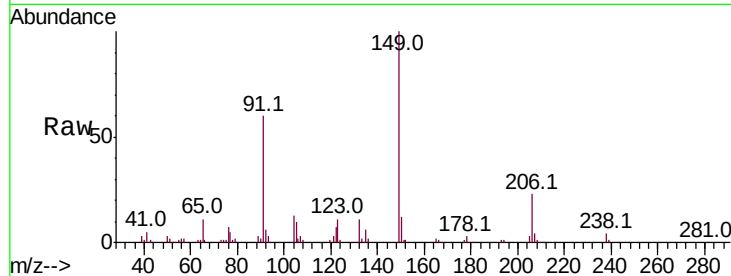




#81
Butylbenzylphthalate
Concen: 20.659 ng/ul
RT: 20.44 min Scan# 2968
Delta R.T. -0.02 min
Lab File: BN004638.D
Acq: 07 Mar 2019 15:55

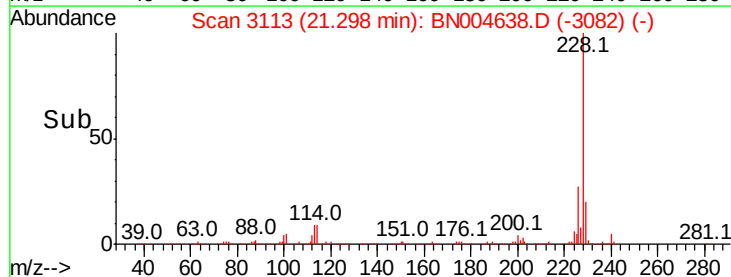
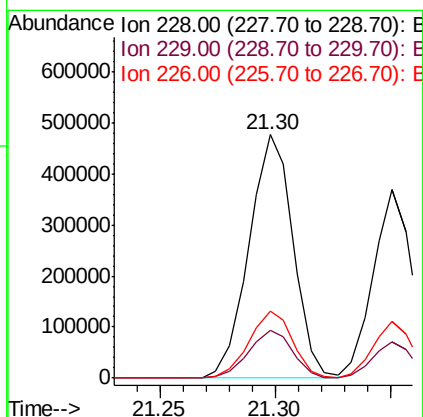
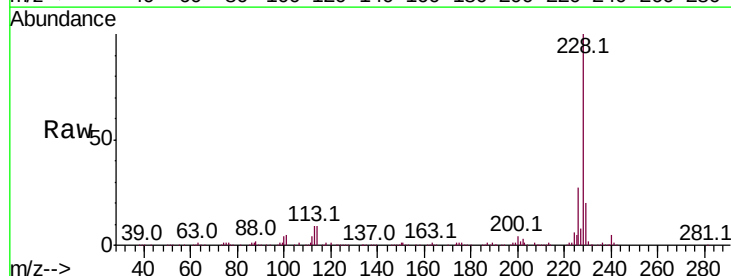
Instrument :
BNA_N
ClientSampled :

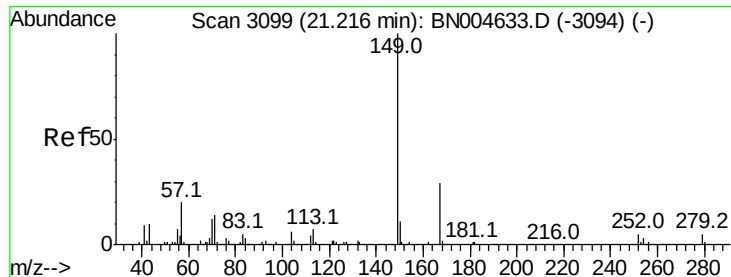
Tot Ion:149 Resp: 130752
Ion Ratio Lower Upper
149 100
91 60.0 49.8 74.6
206 22.8 18.2 27.2



#83
Benzo(a)anthracene
Concen: 39.710 ng/ul
RT: 21.30 min Scan# 3113
Delta R.T. -0.02 min
Lab File: BN004638.D
Acq: 07 Mar 2019 15:55

Tgt Ion:228 Resp: 635182
Ion Ratio Lower Upper
228 100
229 19.8 15.4 23.2
226 27.4 21.4 32.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 26.030 ng/ul

RT: 21.22 min Scan# 3099

Delta R.T. -0.02 min

Lab File: BN004638.D

Acq: 07 Mar 2019 15:55

Instrument :

BNA_N

ClientSampleId :

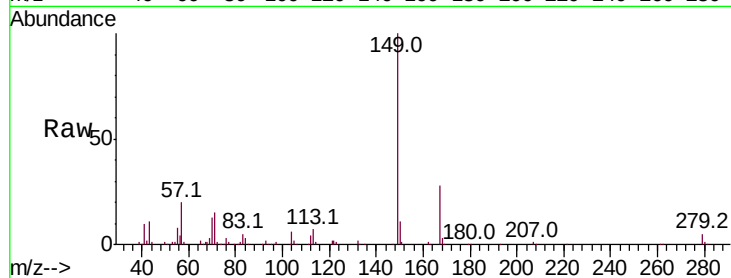
Tot Ion:149 Resp: 239412

Ion Ratio Lower Upper

149 100

167 28.2 22.7 34.1

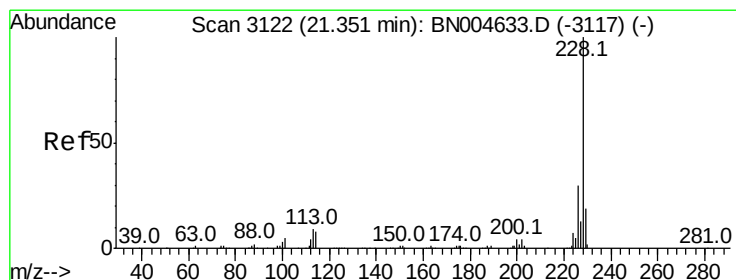
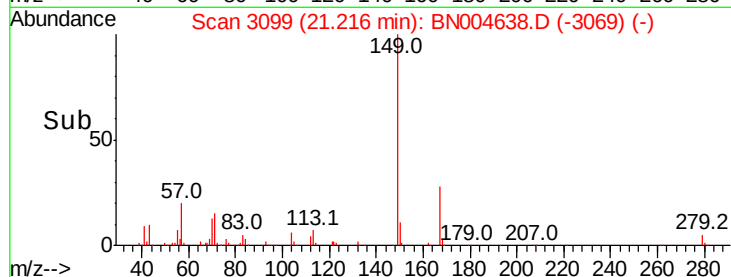
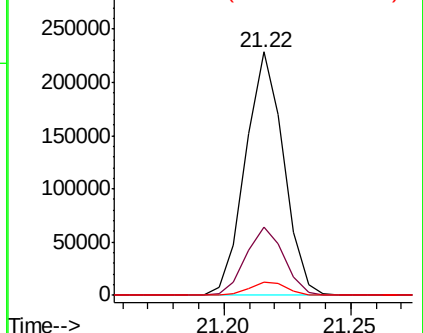
279 5.4 4.3 6.5



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

Chrysene

Concen: 29.099 ng/ul

RT: 21.35 min Scan# 3122

Delta R.T. -0.02 min

Lab File: BN004638.D

Acq: 07 Mar 2019 15:55

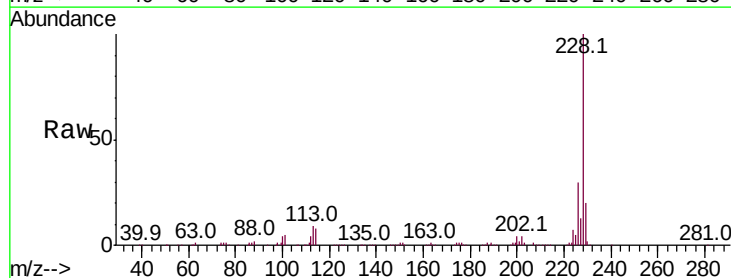
Tgt Ion:228 Resp: 432218

Ion Ratio Lower Upper

228 100

226 30.1 24.0 36.0

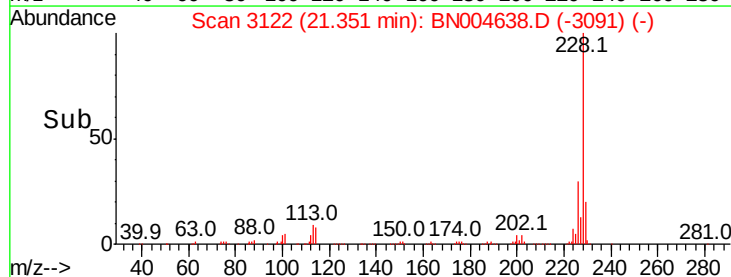
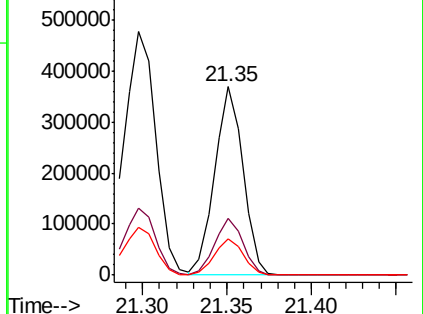
229 19.6 15.7 23.5

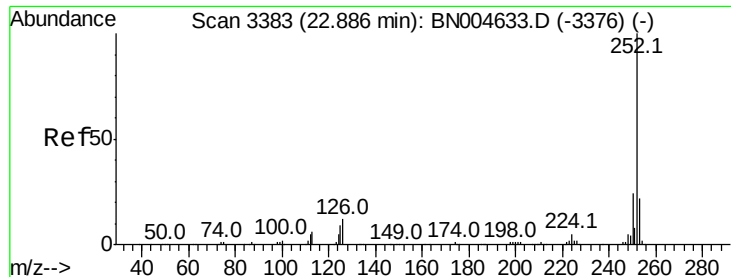


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 28.892 ng/ul

RT: 22.89 min Scan# 3384

Delta R.T. -0.02 min

Lab File: BN004638.D

Acq: 07 Mar 2019 15:55

Instrument :

BNA_N

ClientSampleId :

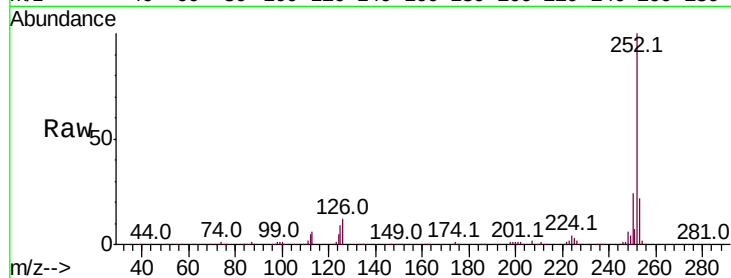
Tot Ion:252 Resp: 469850

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

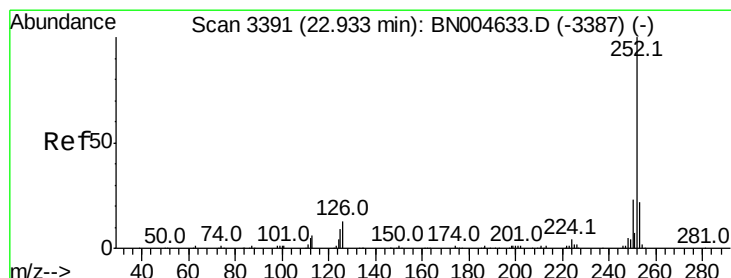
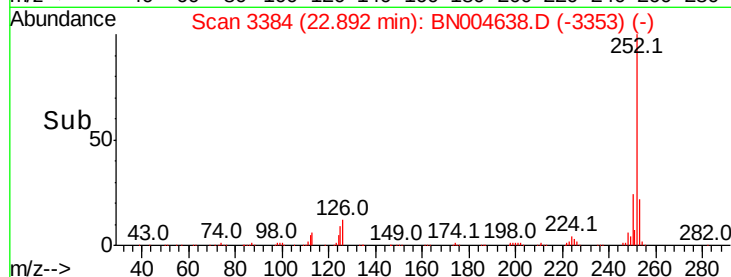
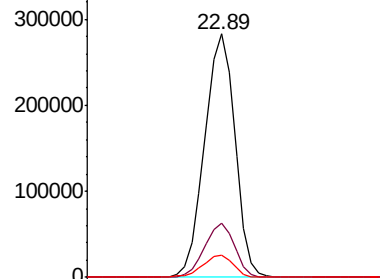
125 9.0 7.4 11.2



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: 29.382 ng/ul

RT: 22.89 min Scan# 3384

Delta R.T. -0.06 min

Lab File: BN004638.D

Acq: 07 Mar 2019 15:55

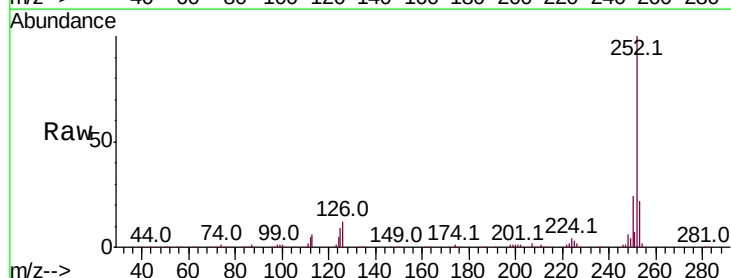
Tgt Ion:252 Resp: 469850

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

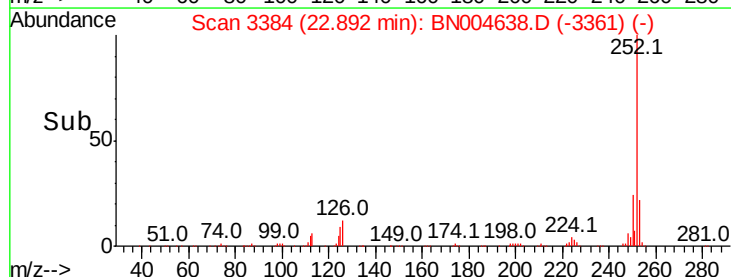
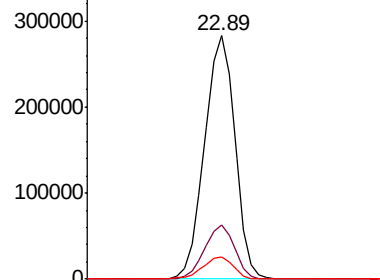
125 9.0 7.4 11.0

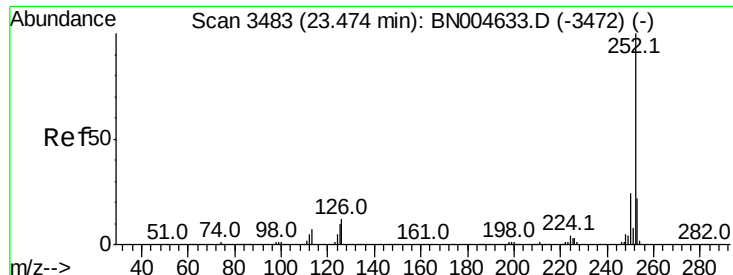


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 27.318 ng/ul

RT: 23.48 min Scan# 3484

Delta R.T. -0.02 min

Lab File: BN004638.D

Acq: 07 Mar 2019 15:55

Instrument :

BNA_N

ClientSampleId :

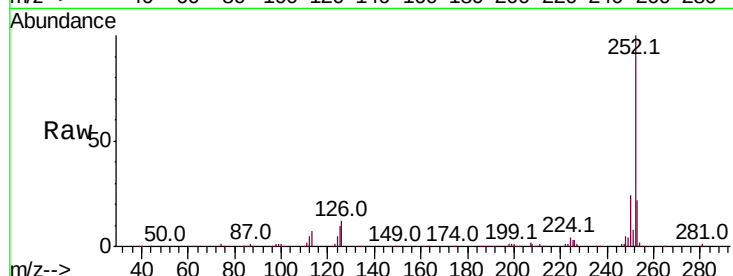
Tot Ion:252 Resp: 417916

Ion Ratio Lower Upper

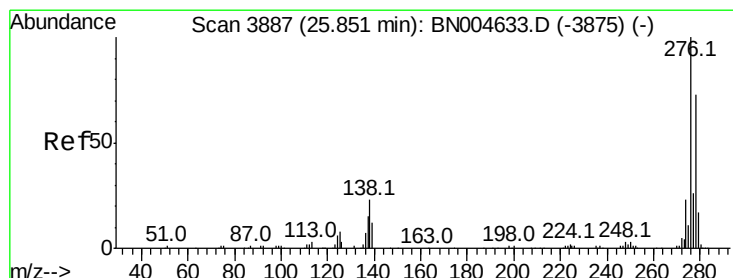
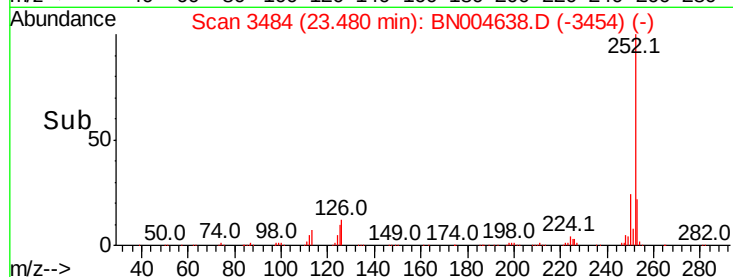
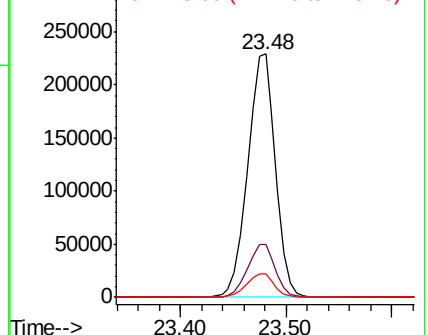
252 100

253 21.6 17.6 26.4

125 9.5 8.4 12.6



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 30.682 ng/ul

RT: 25.86 min Scan# 3888

Delta R.T. -0.04 min

Lab File: BN004638.D

Acq: 07 Mar 2019 15:55

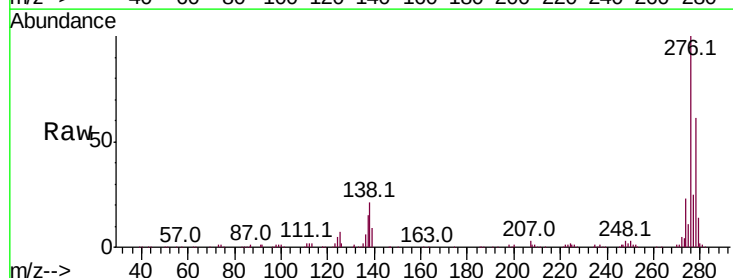
Tgt Ion:276 Resp: 511292

Ion Ratio Lower Upper

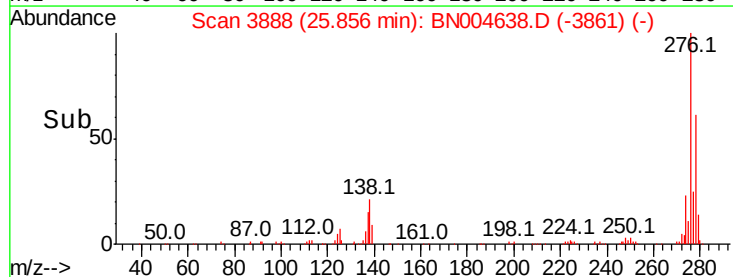
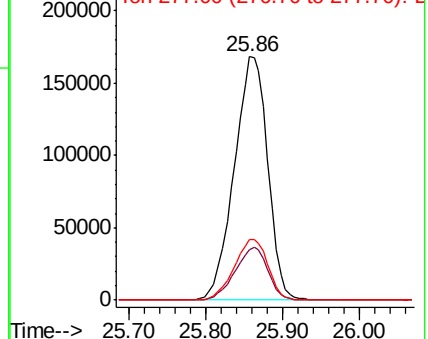
276 100

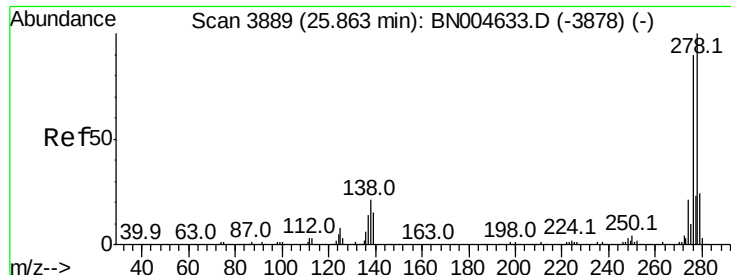
138 20.7 18.7 28.1

277 25.1 19.8 29.8



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





#93

Dibenzo(a,h)anthracene

Concen: 23.803 ng/ul

RT: 25.87 min Scan# 3890

Delta R.T. -0.04 min

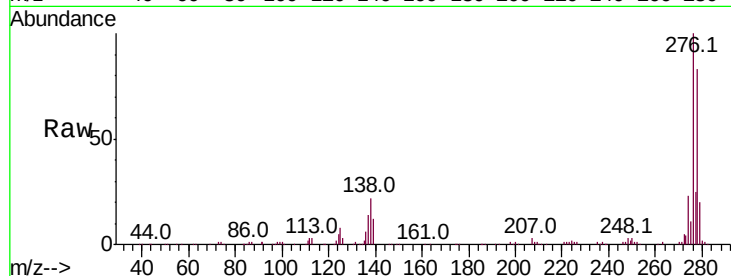
Lab File: BN004638.D

Acq: 07 Mar 2019 15:55

Instrument :

BNA_N

ClientSampleId :



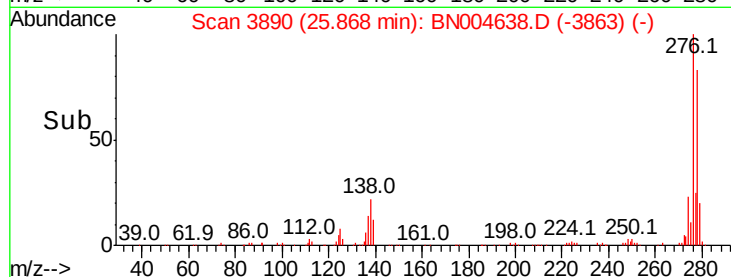
Tot Ion:278 Resp: 333730

Ion Ratio Lower Upper

278 100

139 14.8 12.4 18.6

279 23.5 19.3 28.9



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

