

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060319\
 Data File : BN006042.D
 Acq On : 03 Jun 2019 17:08
 Operator : JU/SJ
 Sample : K2924-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42E8

Quant Time: Jun 04 02:03:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 03 14:55:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	386728	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	1709466	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	997178	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	2108861	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	1441048	20.00	ng/ul	0.01
85) Perylene-d12	23.65	264	1524043	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	35673	4.29	ng/uL	0.00
5) Phenol-d5	6.90	99	850760	26.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	480499	26.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	656971	26.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	655846	25.65	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	329811	26.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	368151	27.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	677301	27.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	842727	27.61	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	2059187	29.19	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	2578175	28.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	351594	26.97	ng/ul	0.00
57) Fluorene-d10	15.38	176	1723272	28.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	272739	26.69	ng/ul	0.00
70) Anthracene-d10	17.24	188	2511306	28.42	ng/ul	0.00
78) Pyrene-d10	19.55	212	2458582	29.91	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	2013108	29.73	ng/ul	0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.28	88	173874	20.027	ng/uL 98
4) Benzaldehyde	6.88	77	682898	31.402	ng/ul 99
6) Phenol	6.93	94	1134532	34.764	ng/ul 98
10) 2-Chlorophenol	7.29	128	586397	22.885	ng/ul 100
15) N-Nitroso-di-n-propylamine	8.54	70	508444	25.936	ng/ul 100
20) Nitrobenzene	8.93	77	609975	21.090	ng/ul 99
23) 2-Nitrophenol	9.64	139	329963	22.990	ng/ul 99
27) 2,4-Dichlorophenol	10.17	162	603129	24.887	ng/ul 98
28) Naphthalene	10.57	128	1355771	16.858	ng/ul 100
31) Hexachlorobutadiene	10.85	225	349985	24.406	ng/ul 96
33) 4-Chloro-3-methylphenol	11.81	107	1132226	41.106	ng/ul 98
36) 1,2,4,5-Tetrachlorobenzene	12.56	216	560153	19.025	ng/ul 97
38) 2,4,6-Trichlorophenol	12.81	196	697989	36.076	ng/ul 99
40) 1,1'-Biphenyl	13.21	154	1911815	25.441	ng/ul 99
41) 2-Chloronaphthalene	13.25	162	925982	15.943	ng/ul 100
44) Dimethylphthalate	13.84	163	1934808	27.709	ng/ul 100
45) 2,6-Dinitrotoluene	13.97	165	361892	24.611	ng/ul 99
49) Acenaphthene	14.45	153	1309096	21.789	ng/ul 100
52) 4-Nitrophenol	14.61	109	241293	24.495	ng/ul 98
53) Dibenzofuran	14.78	168	1530964	17.944	ng/ul 100
55) 2,3,4,6-Tetrachlorophenol	15.02	232	369408	22.050	ng/ul 94
59) 4-Chlorophenyl-phenylether	15.43	204	566288	17.381	ng/ul 99
63) 4,6-Dinitro-2-methylphenol	15.52	198	458296	43.887	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

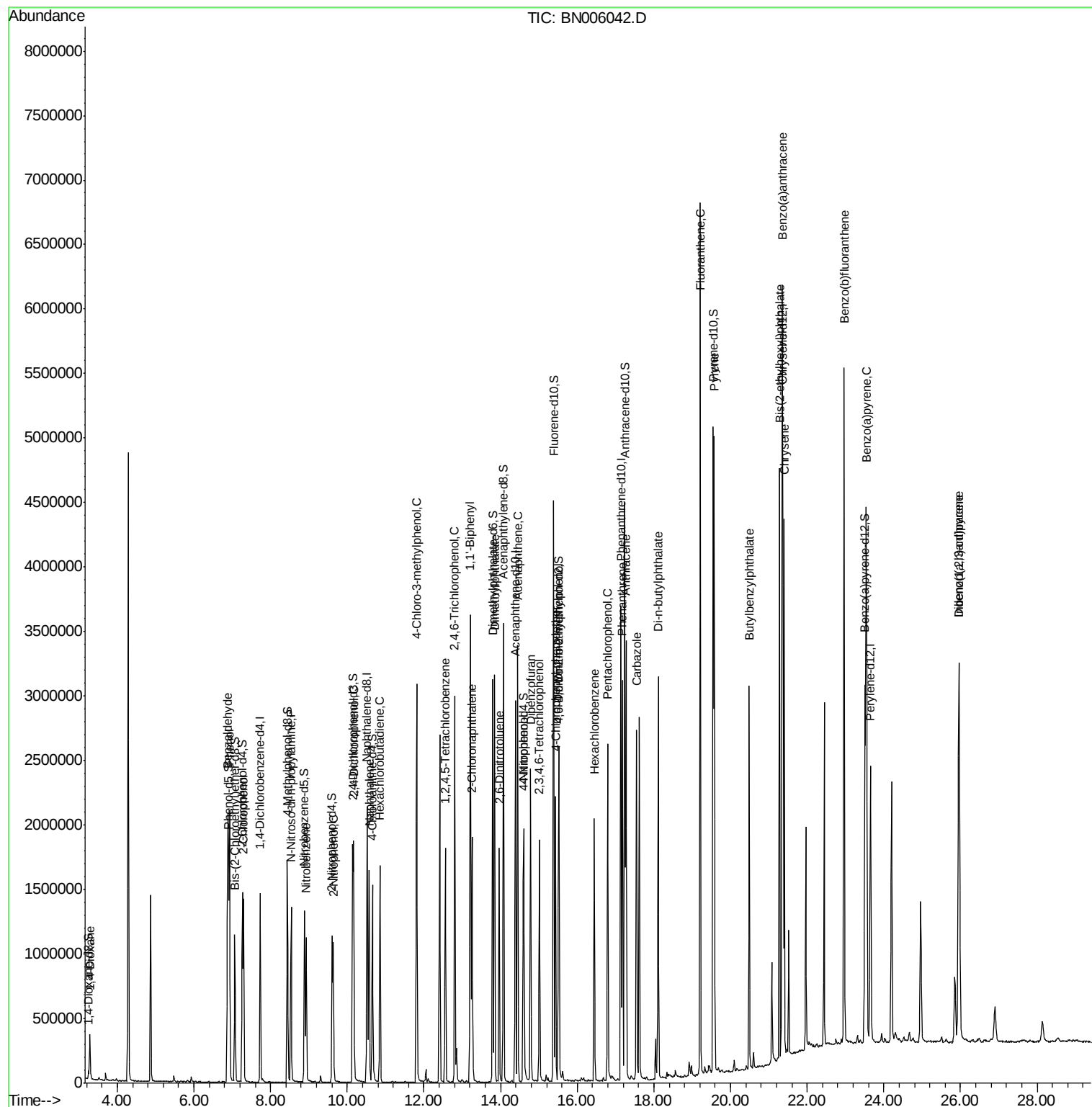
66) Hexachlorobenzene	16.45	284	440159	19.554	ng/ul	95
68) Pentachlorophenol	16.79	266	460446	37.168	ng/ul	99
69) Phenanthrene	17.18	178	1841879	17.998	ng/ul	99
71) Anthracene	17.27	178	2096633	20.175	ng/ul	100
74) Carbazole	17.55	167	1772975	19.834	ng/ul	100
75) Di-n-butylphthalate	18.11	149	2123106	18.543	ng/ul	99
76) Fluoranthene	19.21	202	4018239	40.347	ng/ul	100
79) Pyrene	19.58	202	2842392	27.367	ng/ul	99
80) Butylbenzylphthalate	20.49	149	839167	17.855	ng/ul	99
82) Benzo(a)anthracene	21.35	228	2926064	32.862	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.28	149	1520299	23.537	ng/ul	98
84) Chrysene	21.40	228	2056835	24.414	ng/ul	99
87) Benzo(b)fluoranthene	22.96	252	2011928	23.935	ng/ul	99
90) Benzo(a)pyrene	23.55	252	1780429	22.276	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.96	276	2328886	25.311	ng/ul	99
92) Dibenzo(a,h)anthracene	25.97	278	1530141	19.724	ng/ul	99

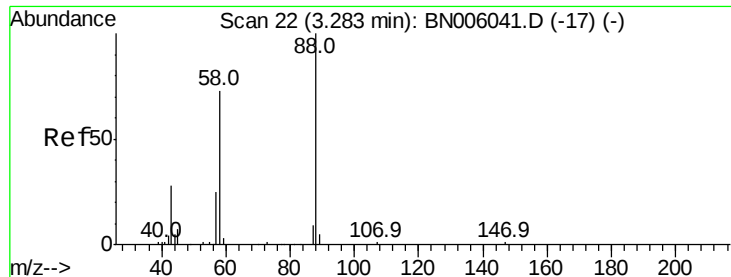
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 20.027 ng/uL

RT: 3.28 min Scan# 22

Delta R.T. 0.00 min

Lab File: BN006042.D

Acq: 03 Jun 2019 17:08

Instrument :

BNA_N

ClientSampleId :

A42E8

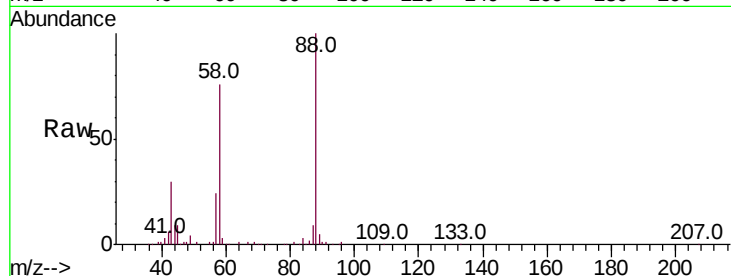
Tot Ion: 88 Resp: 173874

Ion Ratio Lower Upper

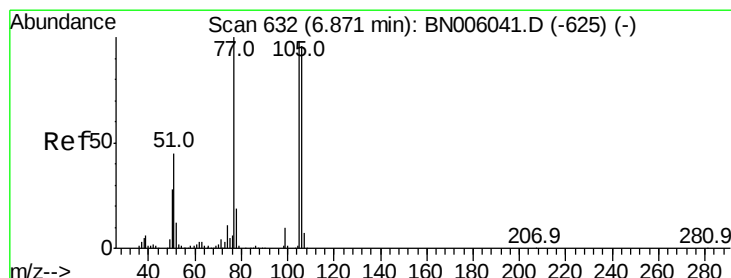
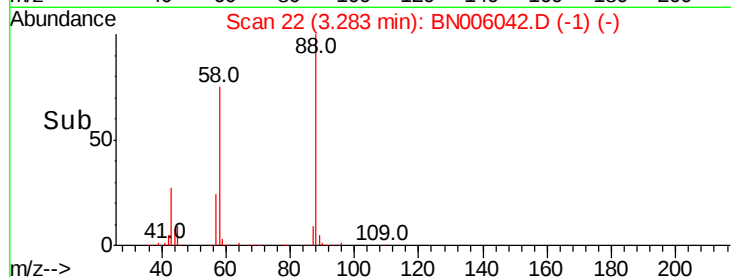
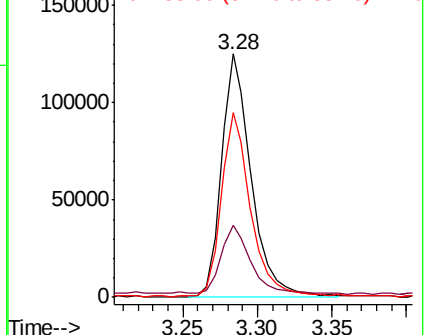
88 100

43 29.5 23.3 34.9

58 75.7 59.0 88.4



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: 31.402 ng/uL

RT: 6.88 min Scan# 633

Delta R.T. 0.01 min

Lab File: BN006042.D

Acq: 03 Jun 2019 17:08

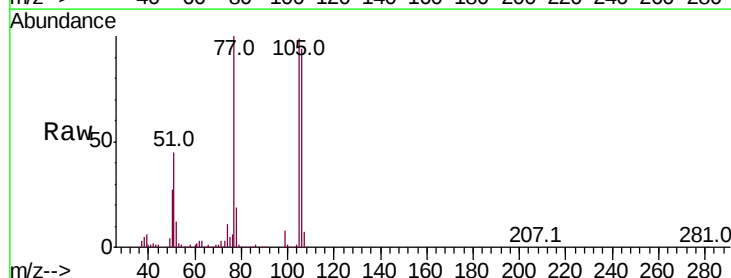
Tgt Ion: 77 Resp: 682898

Ion Ratio Lower Upper

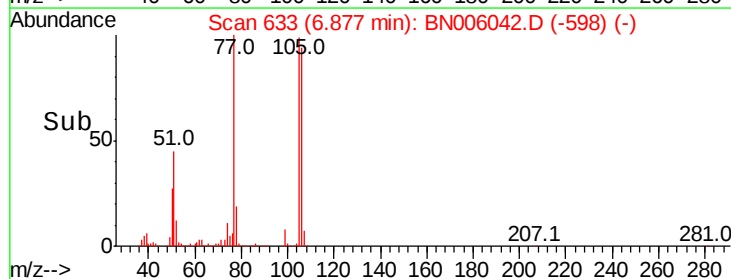
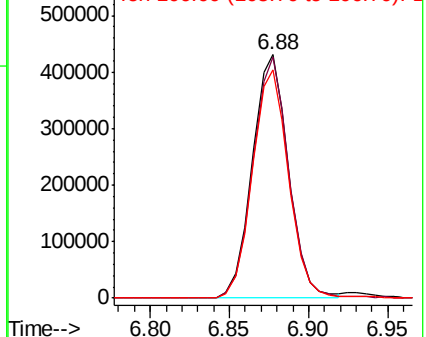
77 100

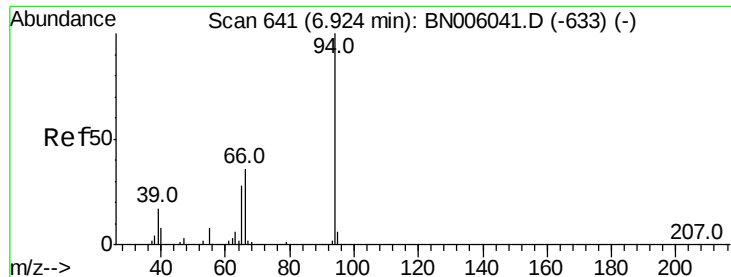
105 99.0 79.4 119.2

106 93.7 76.7 115.1



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: 34.764 ng/ul

RT: 6.93 min Scan# 642

Delta R.T. 0.01 min

Lab File: BN006042.D

Acq: 03 Jun 2019 17:08

Instrument :

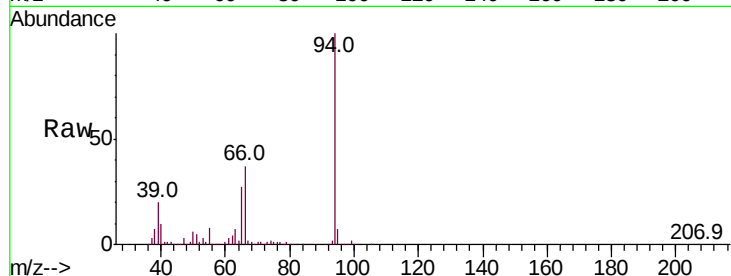
BNA_N

ClientSampleId :

A42E8

Tot Ion: 94 Resp: 1134532

Ion	Ratio	Lower	Upper
94	100		
65	27.2	21.1	31.7
66	36.6	28.2	42.2

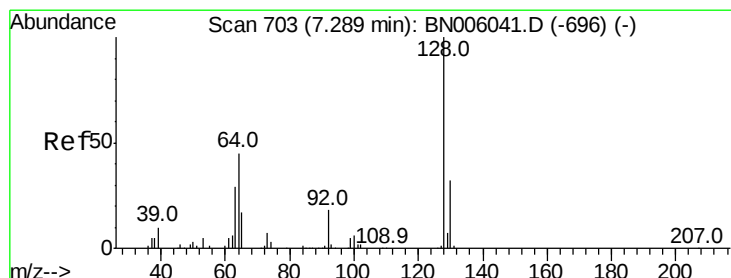
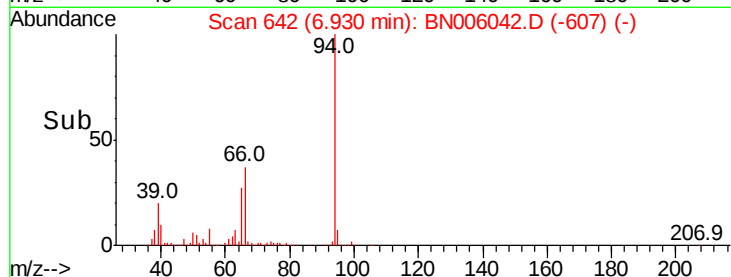
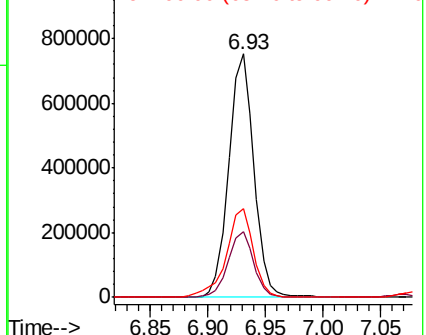


Abundance

Ion 94.00 (93.70 to 94.70): BN006041.D (-633) (-)

Ion 65.00 (64.70 to 65.70): BN006041.D (-633) (-)

Ion 66.00 (65.70 to 66.70): BN006041.D (-633) (-)



#10

2-Chlorophenol

Concen: 22.885 ng/ul

RT: 7.29 min Scan# 704

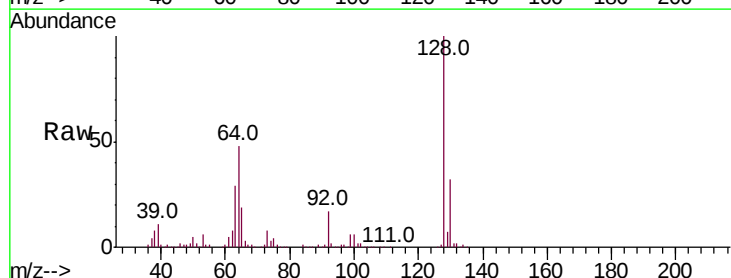
Delta R.T. 0.01 min

Lab File: BN006042.D

Acq: 03 Jun 2019 17:08

Tgt Ion: 128 Resp: 586397

Ion	Ratio	Lower	Upper
128	100		
64	48.2	38.7	58.1
130	32.5	26.0	39.0

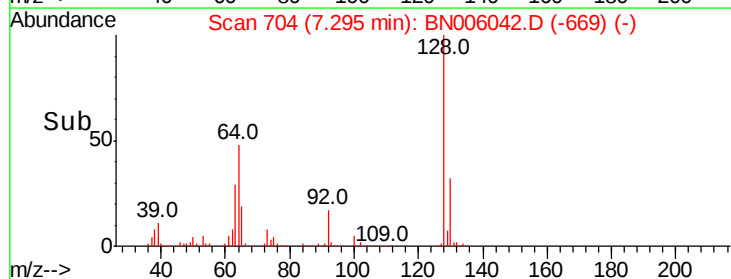
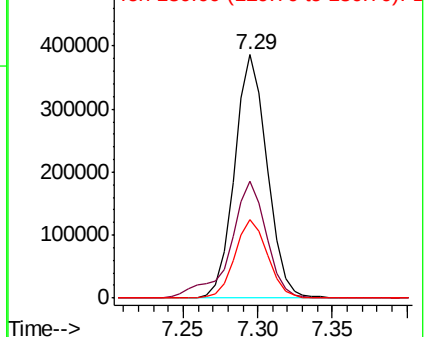


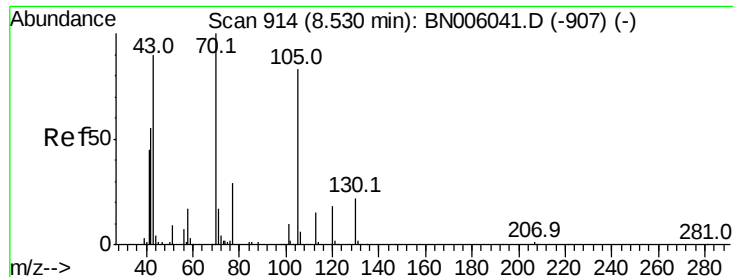
Abundance

Ion 128.00 (127.70 to 128.70): BN006041.D (-696) (-)

Ion 64.00 (63.70 to 64.70): BN006041.D (-696) (-)

Ion 130.00 (129.70 to 130.70): BN006041.D (-696) (-)

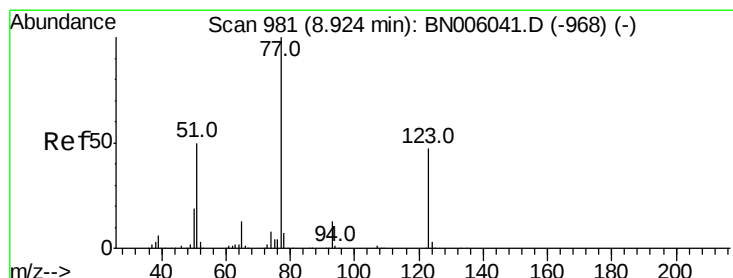
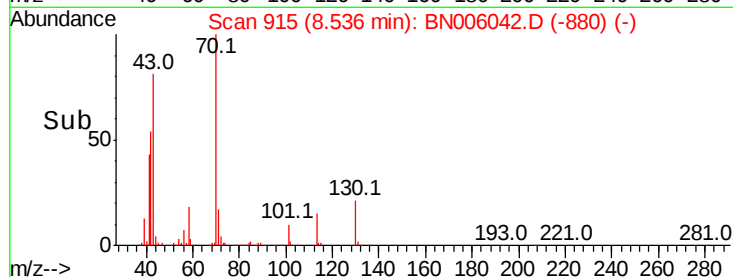
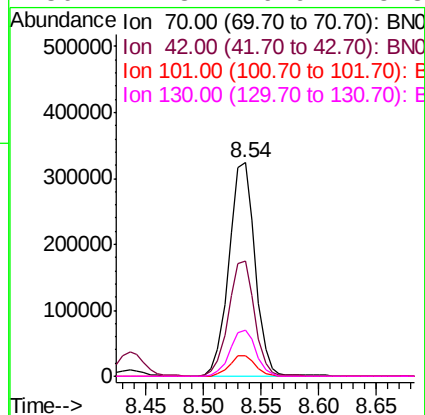
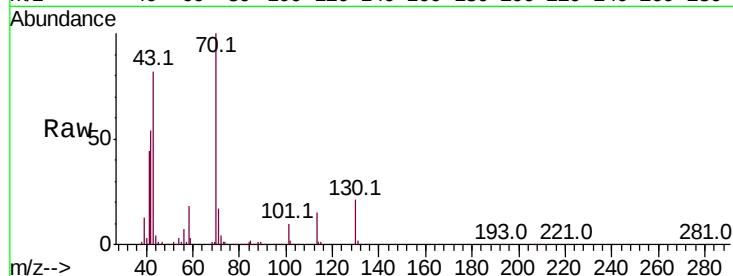




#15
N-Nitroso-di-n-propylamine
Concen: 25.936 ng/ul
RT: 8.54 min Scan# 915
Delta R.T. 0.01 min
Lab File: BN006042.D
Acq: 03 Jun 2019 17:08

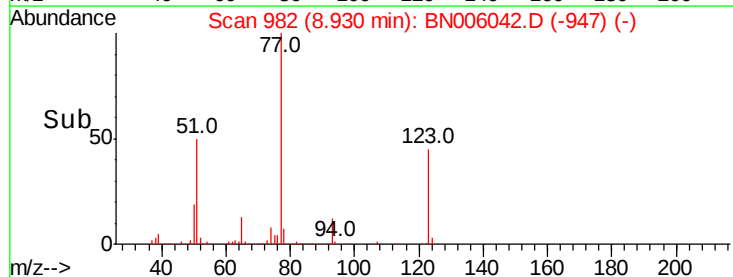
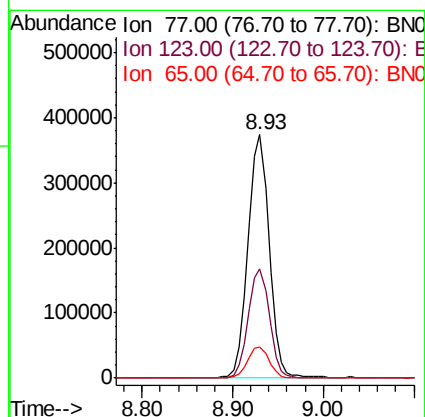
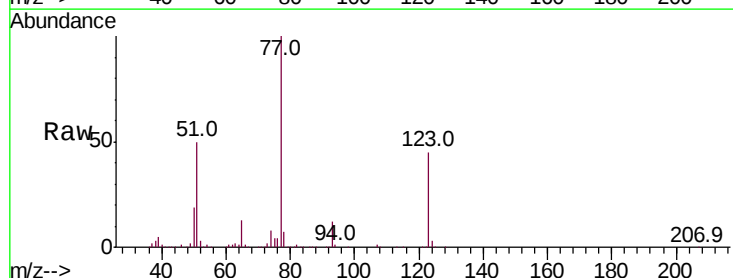
Instrument :
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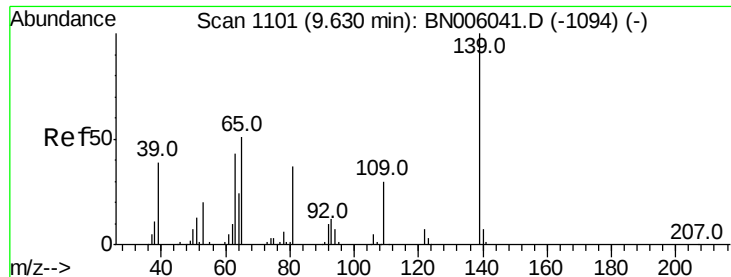
Tot Ion: 70 Resp: 508444
Ion Ratio Lower Upper
70 100
42 54.0 43.3 64.9
101 9.8 7.8 11.8
130 21.3 16.9 25.3



#20
Nitrobenzene
Concen: 21.090 ng/ul
RT: 8.93 min Scan# 982
Delta R.T. 0.01 min
Lab File: BN006042.D
Acq: 03 Jun 2019 17:08

Tgt Ion: 77 Resp: 609975
Ion Ratio Lower Upper
77 100
123 45.1 35.8 53.8
65 12.8 10.7 16.1





#23

2-Nitrophenol

Concen: 22.990 ng/ul

RT: 9.64 min Scan# 1102

Delta R.T. 0.01 min

Lab File: BN006042.D

Acq: 03 Jun 2019 17:08

Instrument :

BNA_N

ClientSampled :

A42E8

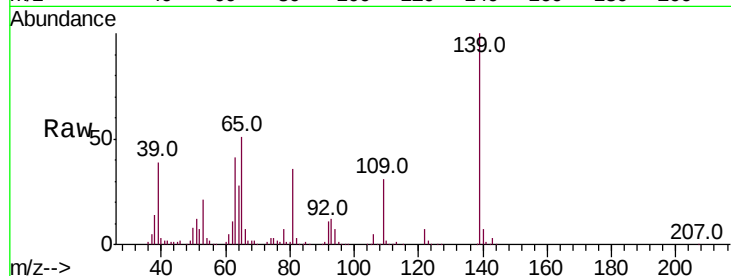
Tot Ion:139 Resp: 329963

Ion Ratio Lower Upper

139 100

65 51.5 40.9 61.3

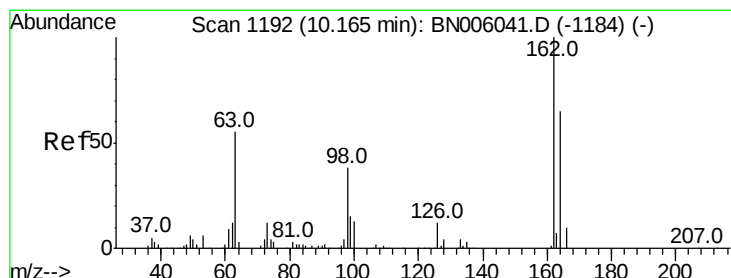
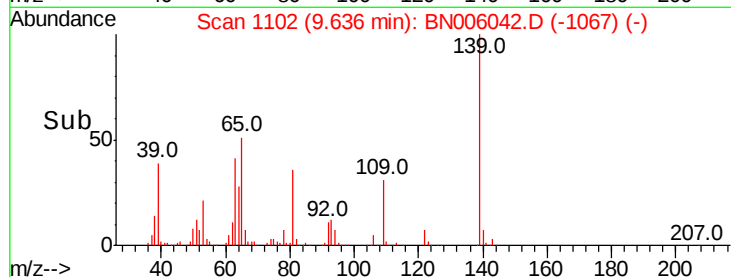
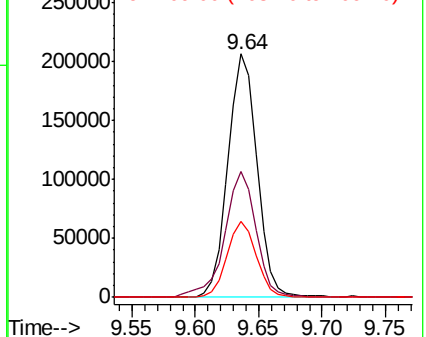
109 31.0 24.6 36.8



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: 24.887 ng/ul

RT: 10.17 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BN006042.D

Acq: 03 Jun 2019 17:08

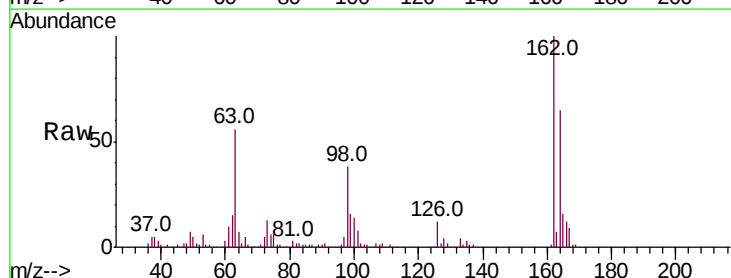
Tgt Ion:162 Resp: 603129

Ion Ratio Lower Upper

162 100

164 65.1 53.9 80.9

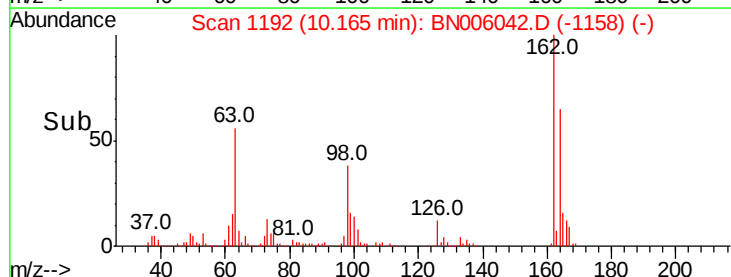
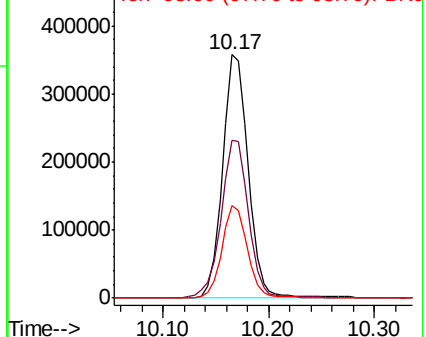
98 38.1 30.7 46.1

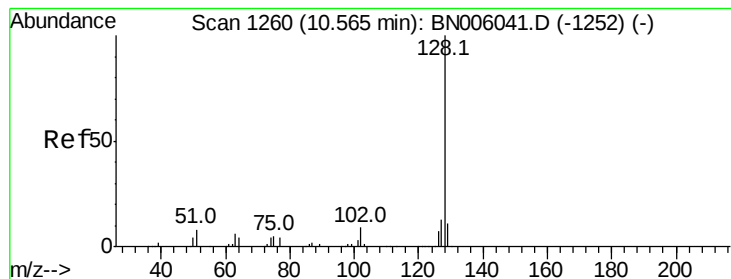


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BNO





#28

Naphthalene

Concen: 16.858 ng/ul

RT: 10.57 min Scan# 1261

Delta R.T. 0.01 min

Lab File: BN006042.D

Acq: 03 Jun 2019 17:08

Instrument :

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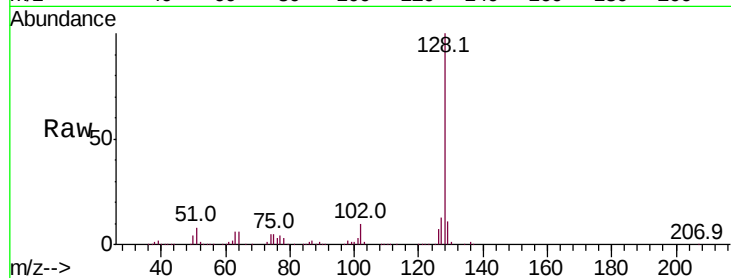
Tot Ion:128 Resp: 1355771

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

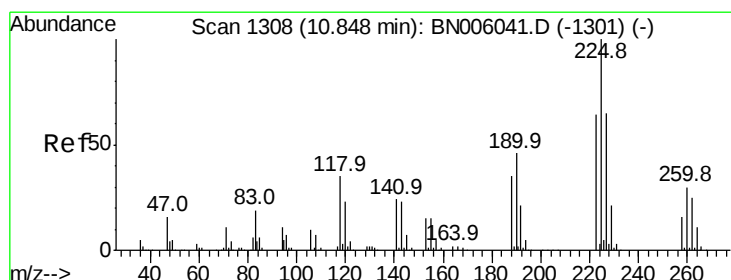
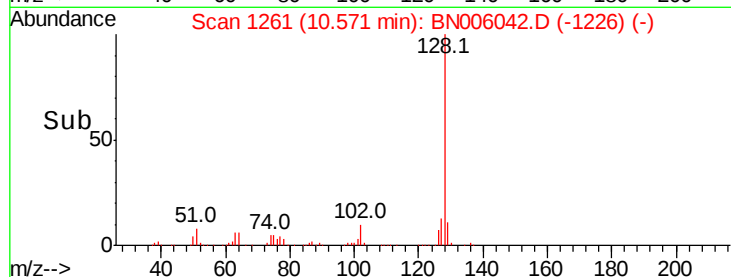
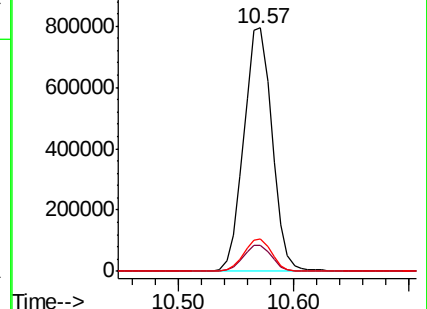
127 13.2 10.6 16.0



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



#31

Hexachlorobutadiene

Concen: 24.406 ng/ul

RT: 10.85 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BN006042.D

Acq: 03 Jun 2019 17:08

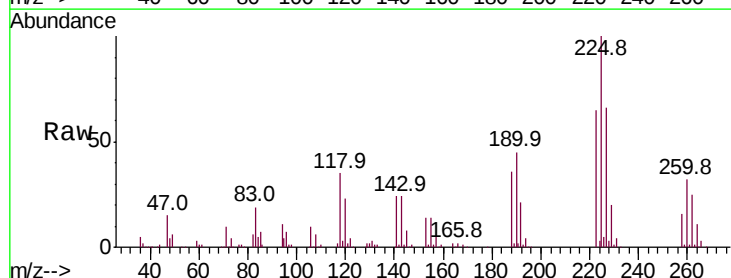
Tgt Ion:225 Resp: 349985

Ion Ratio Lower Upper

225 100

223 64.7 50.1 75.1

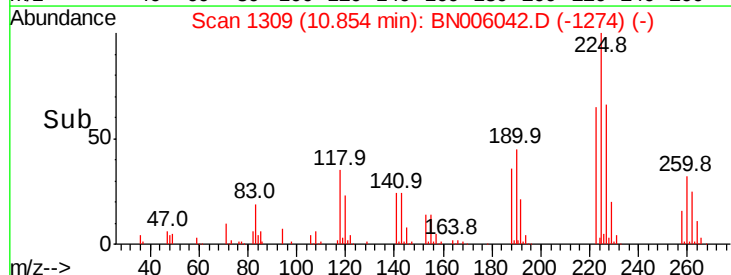
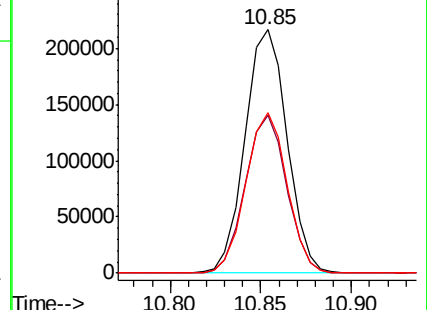
227 65.8 50.0 75.0

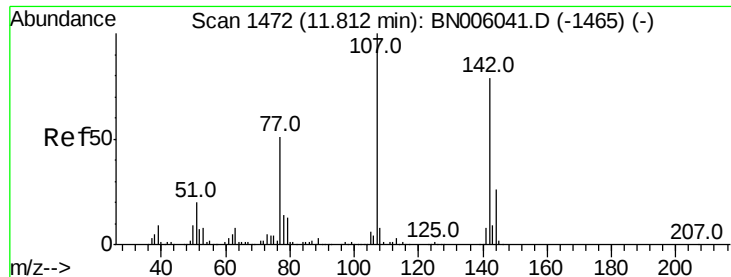


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

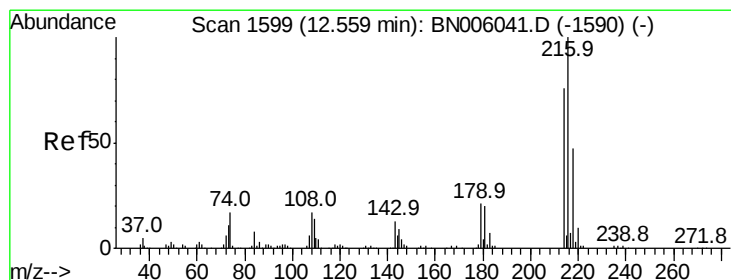
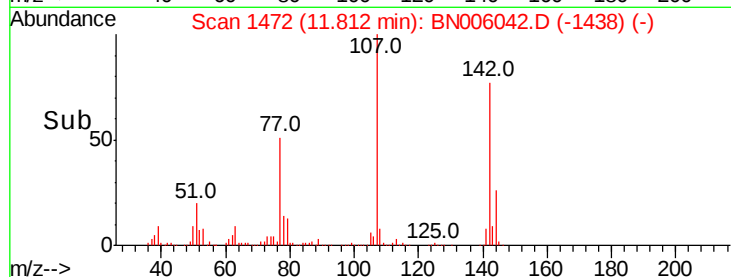
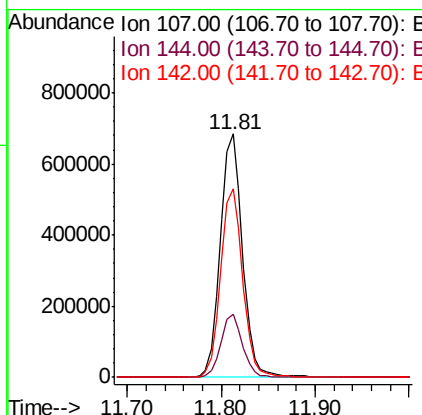
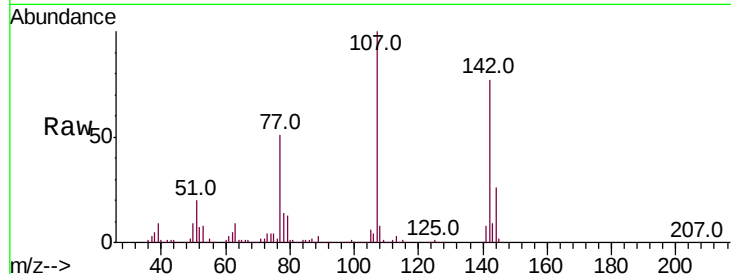




#33
 4-Chloro-3-methylphenol
 Concen: 41.106 ng/ul
 RT: 11.81 min Scan# 1472
 Delta R.T. 0.00 min
 Lab File: BN006042.D
 Acq: 03 Jun 2019 17:08

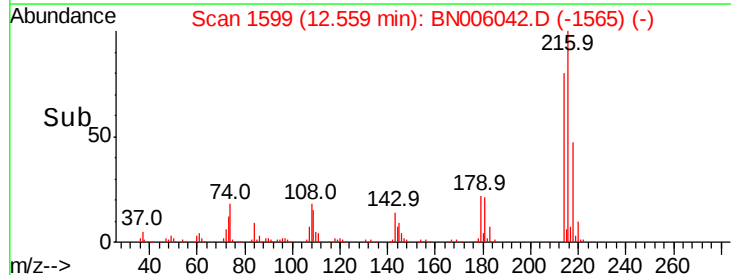
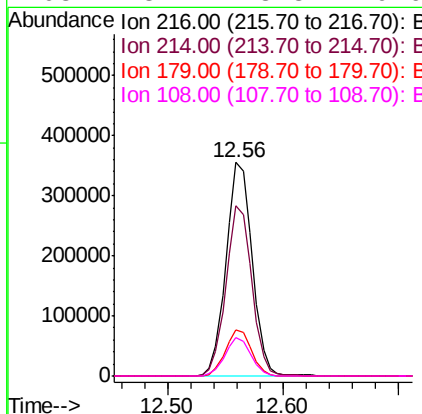
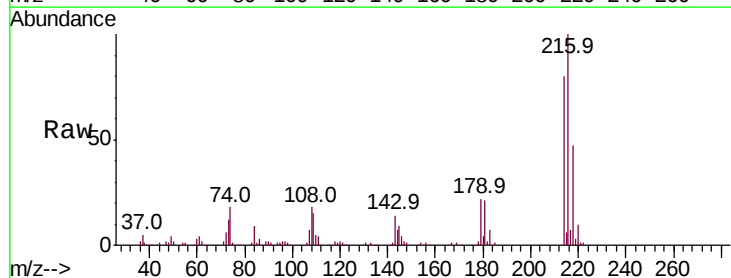
Instrument :
 BNA_N
 ClientSampleId :
 A42E8

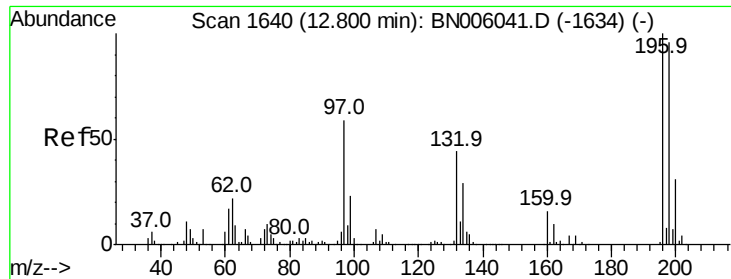
Tot Ion:107 Resp: 1132226
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.0 30.0
 142 77.4 63.1 94.7



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 19.025 ng/ul
 RT: 12.56 min Scan# 1599
 Delta R.T. 0.00 min
 Lab File: BN006042.D
 Acq: 03 Jun 2019 17:08

Tgt Ion:216 Resp: 560153
 Ion Ratio Lower Upper
 216 100
 214 79.8 61.8 92.8
 179 21.7 16.6 24.8
 108 18.2 13.8 20.6

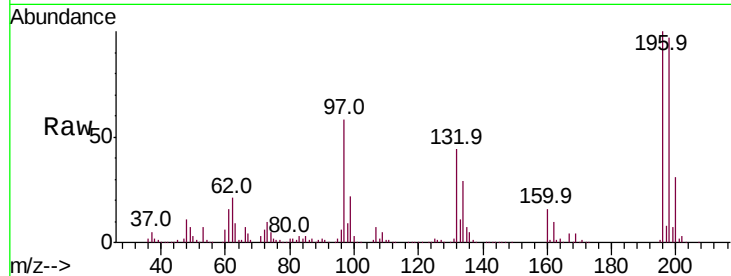




#38
 2,4,6-Trichlorophenol
 Concen: 36.076 ng/ul
 RT: 12.81 min Scan# 1641
 Delta R.T. 0.01 min
 Lab File: BN006042.D
 Acq: 03 Jun 2019 17:08

Instrument :
 BNA_N
 ClientSampleId :
 A42E8

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.9	76.2	114.2
200	31.4	24.9	37.3

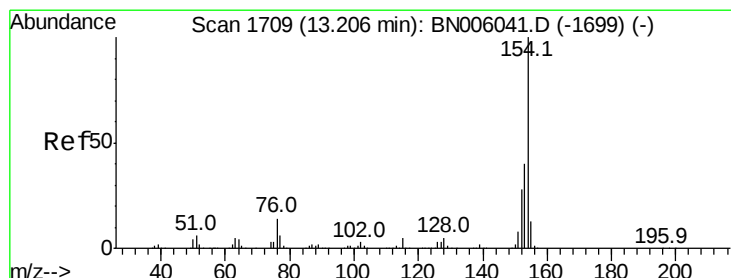
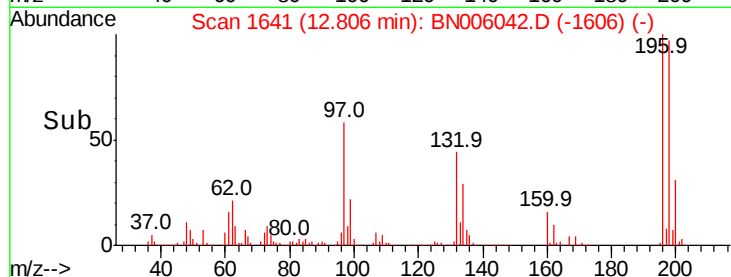
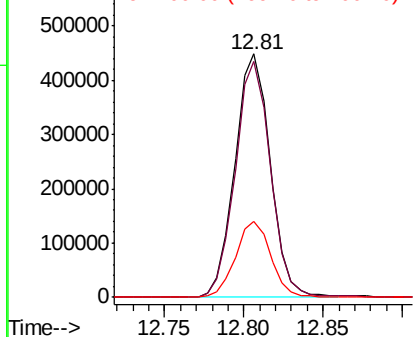


Abundance

Ion 196.00 (195.70 to 196.70): E

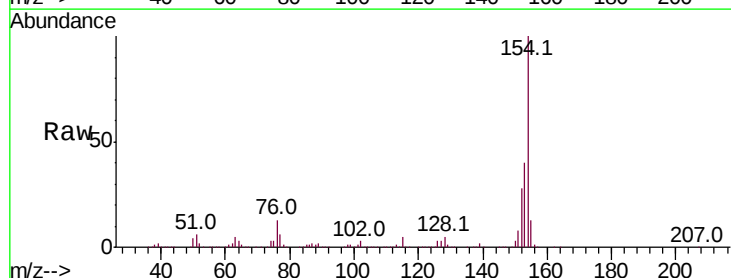
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#40
 1,1'-Biphenyl
 Concen: 25.441 ng/ul
 RT: 13.21 min Scan# 1710
 Delta R.T. 0.01 min
 Lab File: BN006042.D
 Acq: 03 Jun 2019 17:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	32.3	48.5
76	13.4	11.0	16.6

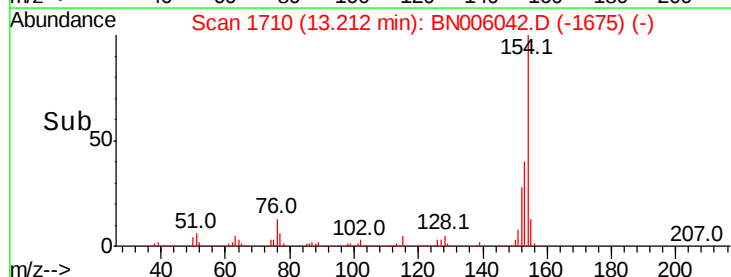
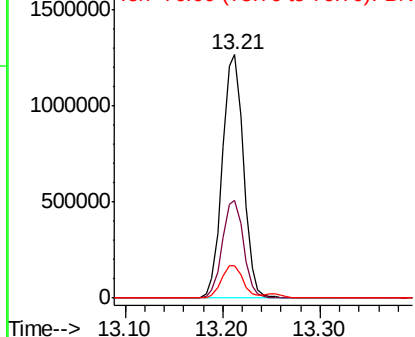


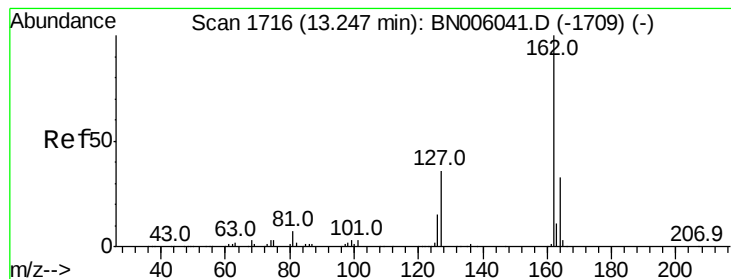
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNO

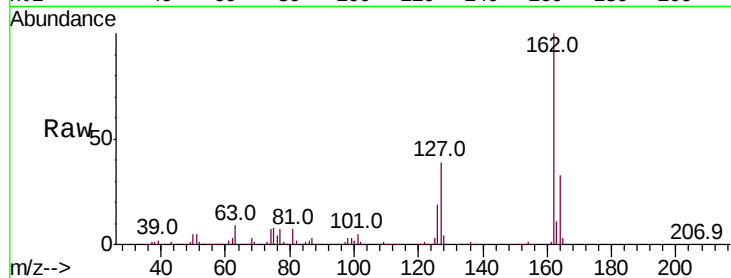




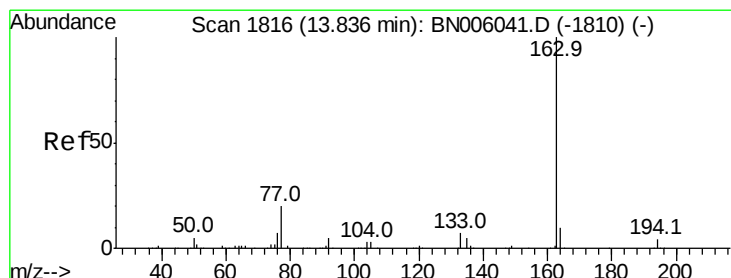
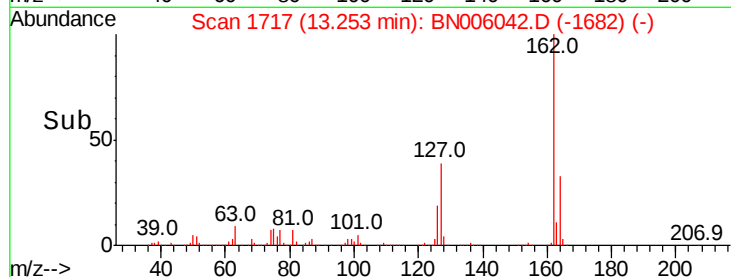
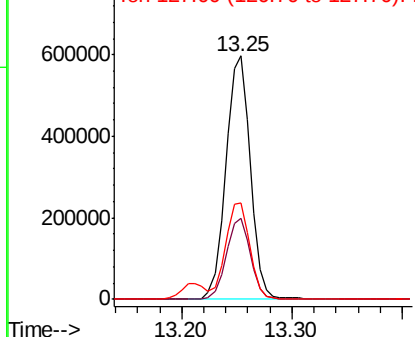
#41
2-Chloronaphthalene
Concen: 15.943 ng/ul
RT: 13.25 min Scan# 1717
Delta R.T. 0.01 min
Lab File: BN006042.D
Acq: 03 Jun 2019 17:08

Instrument :
BNA_N
ClientSampleId :
A42E8

Tot Ion:162 Resp: 925982
Ion Ratio Lower Upper
162 100
164 33.2 26.4 39.6
127 39.4 31.7 47.5

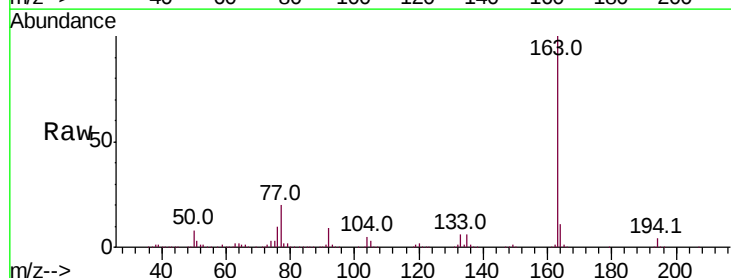


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 127.00 (126.70 to 127.70): E

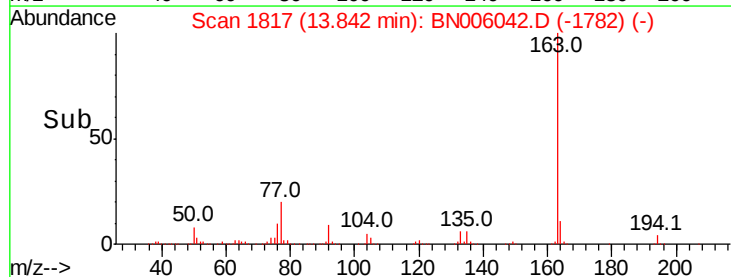
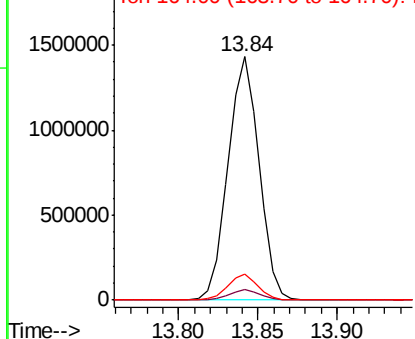


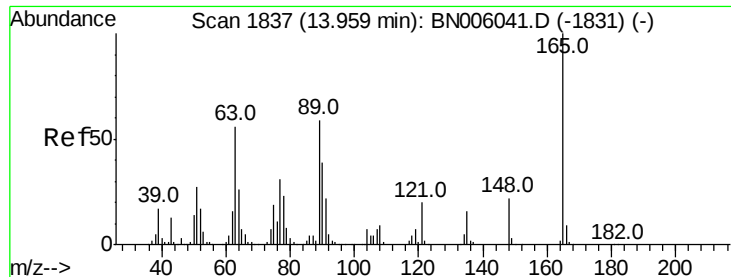
#44
Dimethylphthalate
Concen: 27.709 ng/ul
RT: 13.84 min Scan# 1817
Delta R.T. 0.01 min
Lab File: BN006042.D
Acq: 03 Jun 2019 17:08

Tgt Ion:163 Resp: 1934808
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.5 8.2 12.4



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

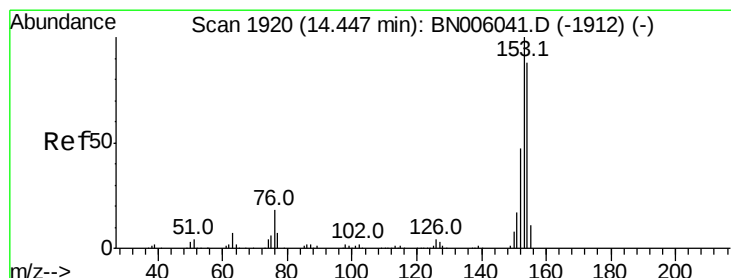
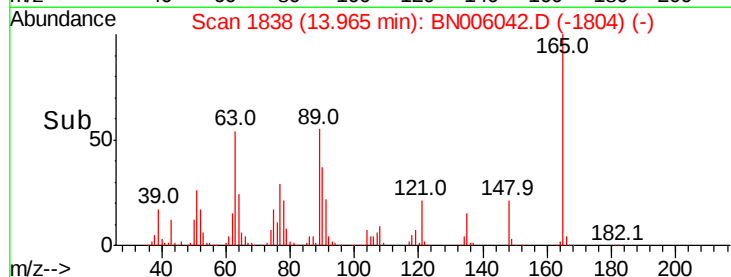
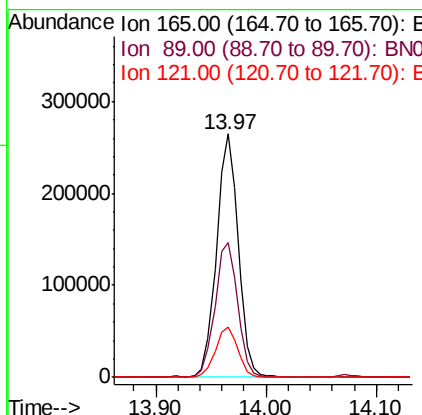
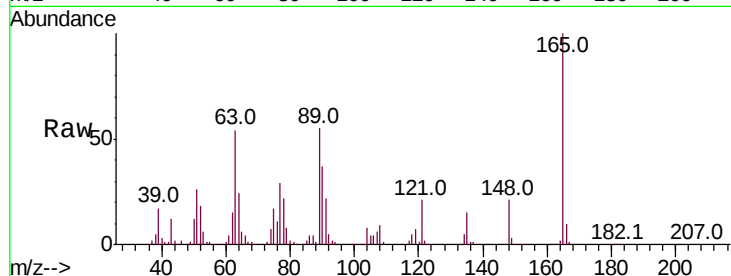




#45
 2,6-Dinitrotoluene
 Concen: 24.611 ng/ul
 RT: 13.97 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BN006042.D
 Acq: 03 Jun 2019 17:08

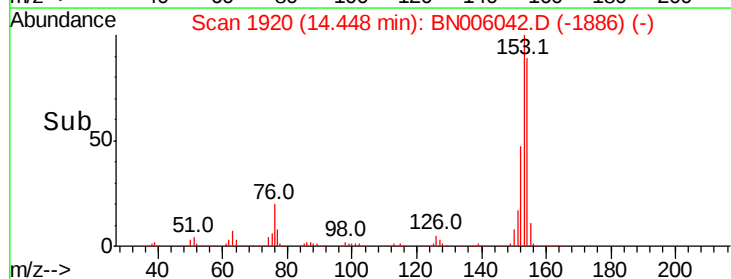
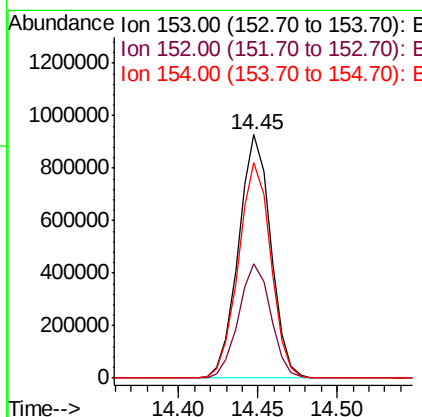
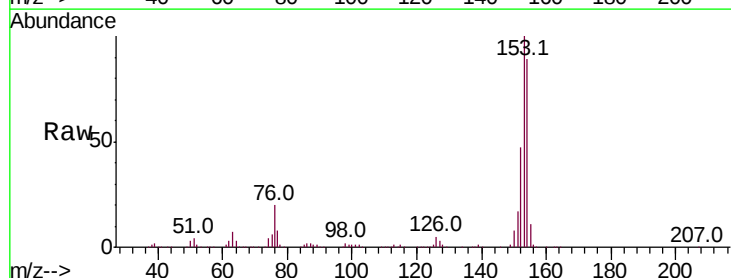
Instrument :
 BNA_N
 ClientSampleId :
 A42E8

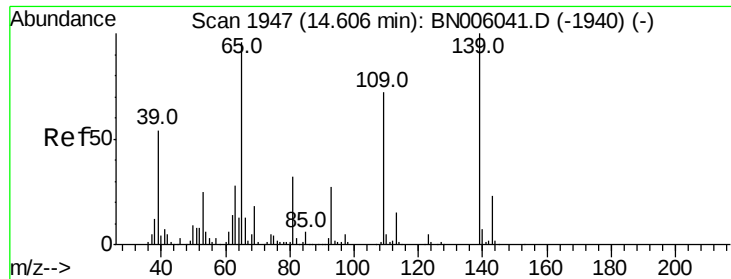
Tot Ion:165 Resp: 361892
 Ion Ratio Lower Upper
 165 100
 89 55.4 44.2 66.2
 121 20.9 15.6 23.4



#49
 Acenaphthene
 Concen: 21.789 ng/ul
 RT: 14.45 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: BN006042.D
 Acq: 03 Jun 2019 17:08

Tgt Ion:153 Resp: 1309096
 Ion Ratio Lower Upper
 153 100
 152 46.8 37.4 56.2
 154 88.6 70.7 106.1





#52

4-Nitrophenol

Concen: 24.495 ng/ul

RT: 14.61 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BN006042.D

Acq: 03 Jun 2019 17:08

Instrument :

BNA_N

ClientSampleId :

A42E8

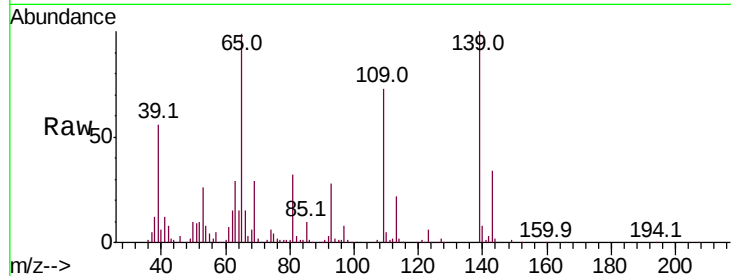
Tot Ion:109 Resp: 241293

Ion Ratio Lower Upper

109 100

139 136.1 111.8 167.6

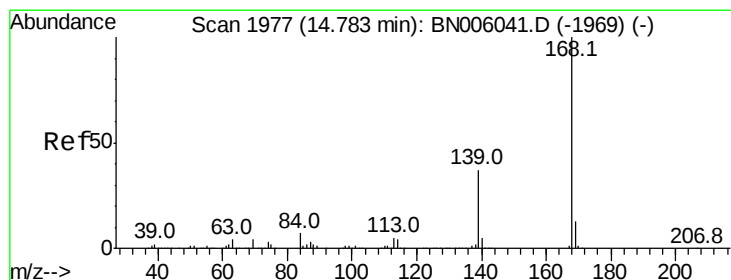
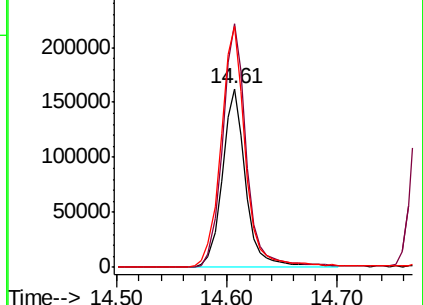
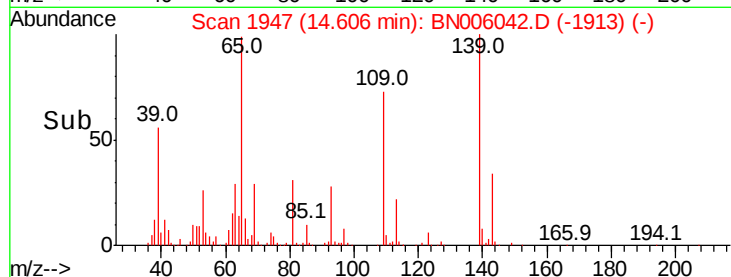
65 134.4 108.5 162.7



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): BNC



#53

Dibenzofuran

Concen: 17.944 ng/ul

RT: 14.78 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BN006042.D

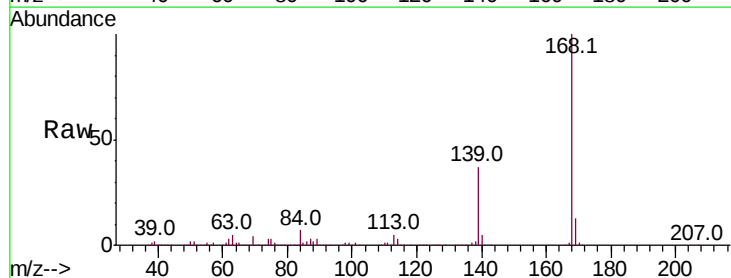
Acq: 03 Jun 2019 17:08

Tgt Ion:168 Resp: 1530964

Ion Ratio Lower Upper

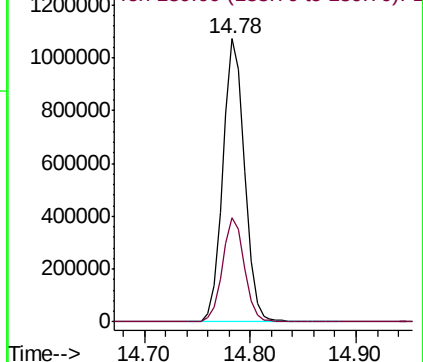
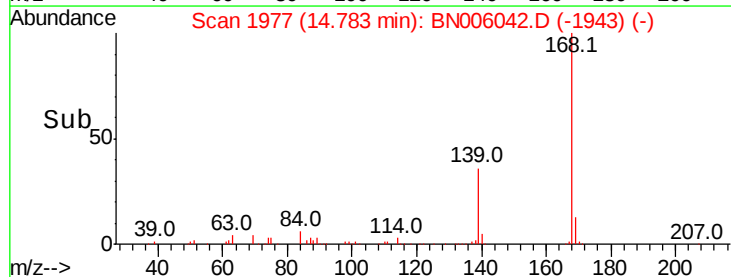
168 100

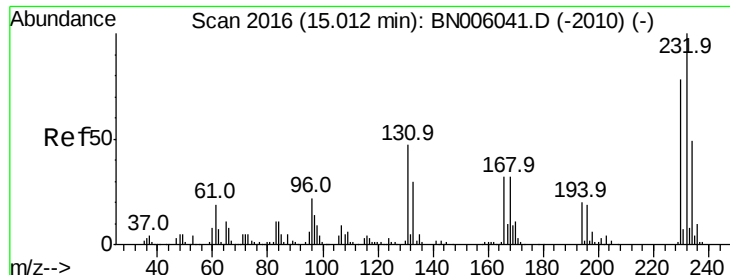
139 37.0 29.8 44.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

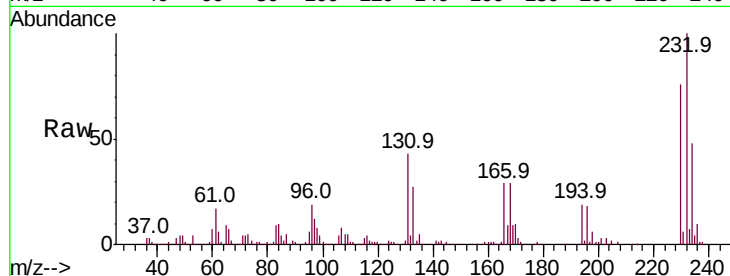




#55
 2,3,4,6-Tetrachlorophenol
 Concen: 22.050 ng/ul
 RT: 15.02 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BN006042.D
 Acq: 03 Jun 2019 17:08

Instrument :
 BNA_N
 ClientSampleId :
 A42E8

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.5	36.9	55.3
130	2.2	1.8	2.8
166	28.6	25.9	38.9



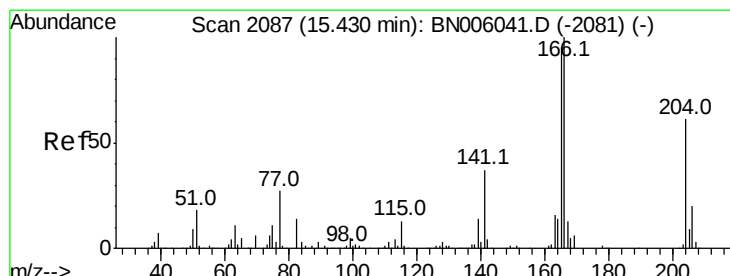
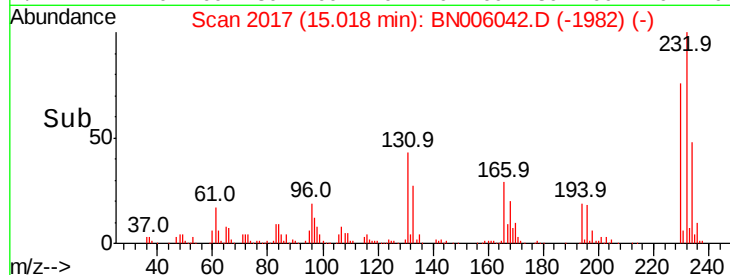
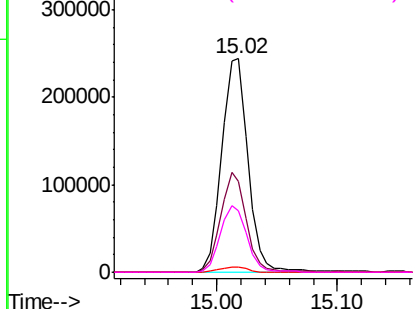
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

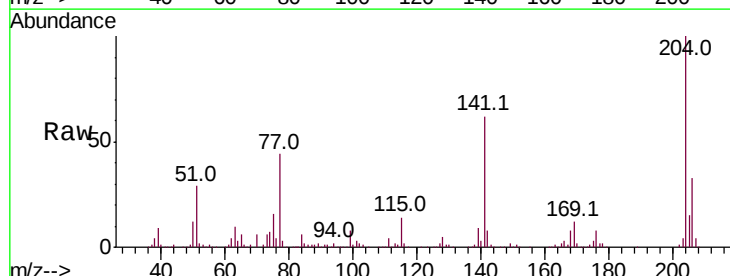
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
 4-Chlorophenyl-phenylether
 Concen: 17.381 ng/ul
 RT: 15.43 min Scan# 2087
 Delta R.T. 0.00 min
 Lab File: BN006042.D
 Acq: 03 Jun 2019 17:08

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	27.6	41.4
141	61.6	49.1	73.7

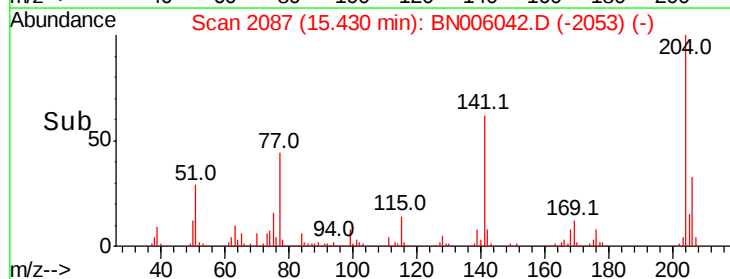
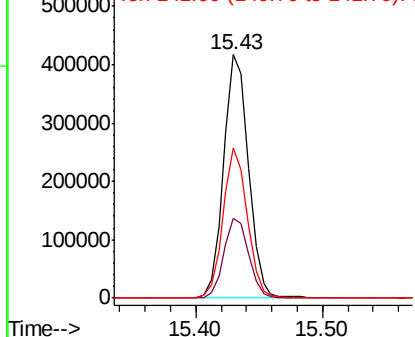


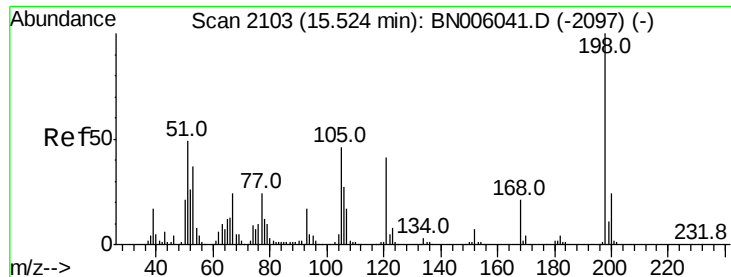
Abundance

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





#63

4,6-Dinitro-2-methylphenol

Concen: 43.887 ng/ul

RT: 15.52 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BN006042.D

Acq: 03 Jun 2019 17:08

Instrument :

BNA_N

ClientSampled :

A42E8

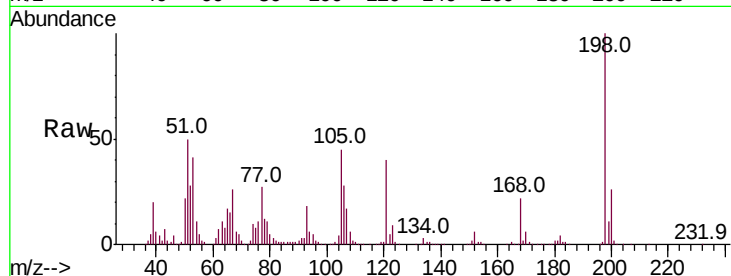
Tot Ion:198 Resp: 458296

Ion Ratio Lower Upper

198 100

182 4.0 3.1 4.7

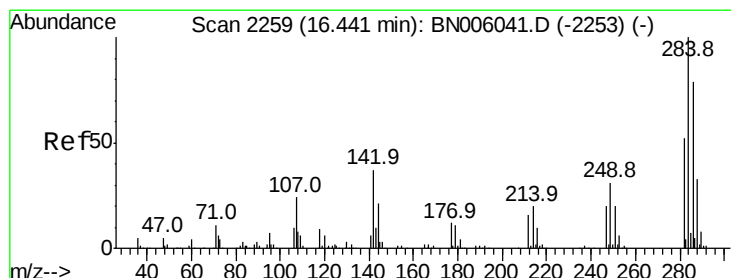
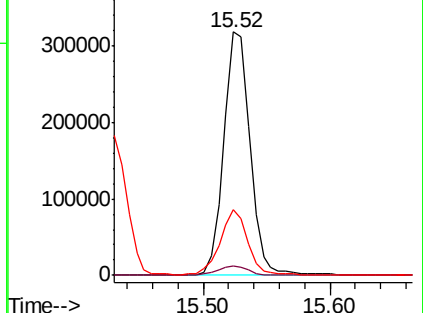
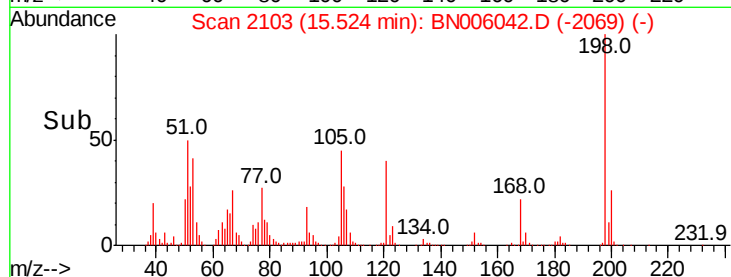
77 26.8 21.5 32.3



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): E



#66

Hexachlorobenzene

Concen: 19.554 ng/ul

RT: 16.45 min Scan# 2260

Delta R.T. 0.01 min

Lab File: BN006042.D

Acq: 03 Jun 2019 17:08

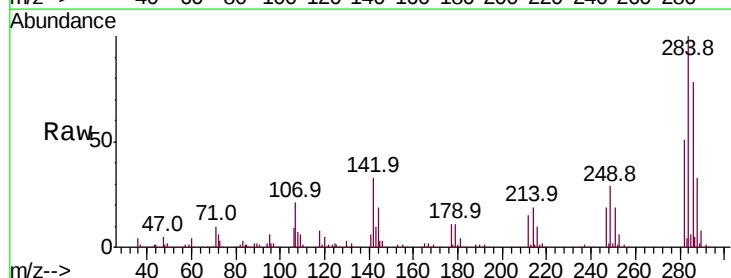
Tgt Ion:284 Resp: 440159

Ion Ratio Lower Upper

284 100

142 32.7 29.0 43.6

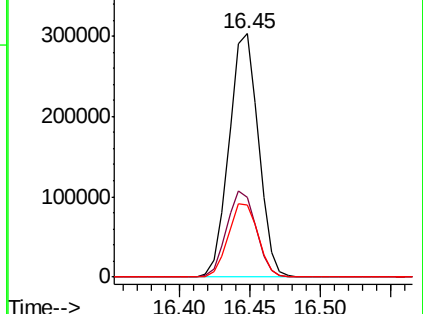
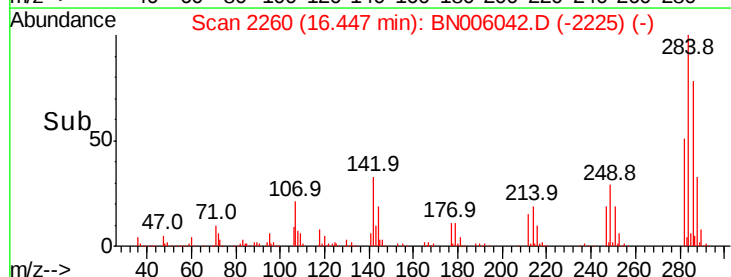
249 29.4 25.0 37.6

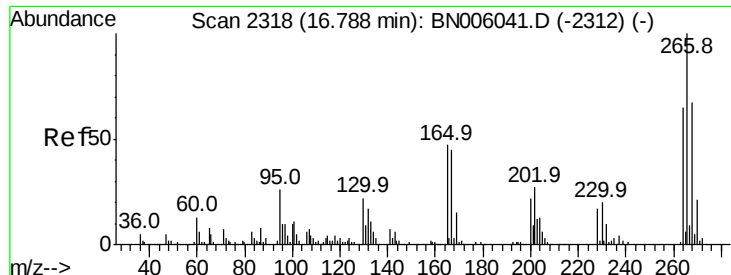


Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

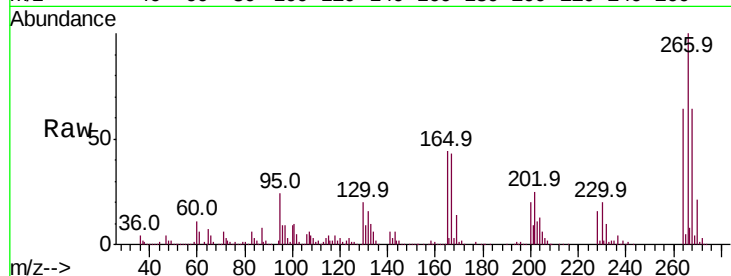




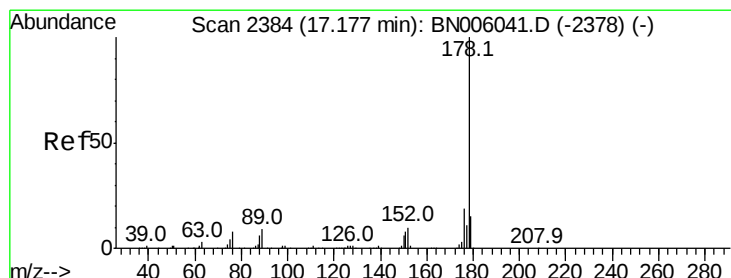
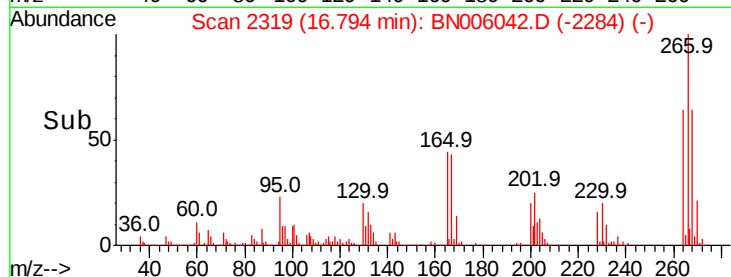
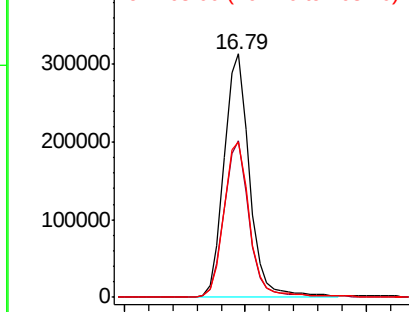
#68
 Pentachlorophenol
 Concen: 37.168 ng/ul
 RT: 16.79 min Scan# 2319
 Delta R.T. 0.01 min
 Lab File: BN006042.D
 Acq: 03 Jun 2019 17:08

Instrument :
 BNA_N
 ClientSampled :
 A42E8

Tot Ion	Ratio	Lower	Upper
266	100		
264	64.3	50.8	76.2
268	64.0	50.7	76.1

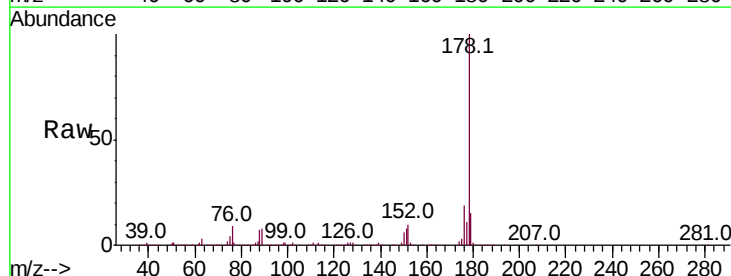


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

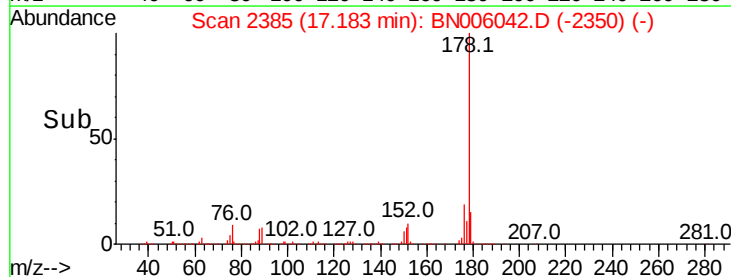
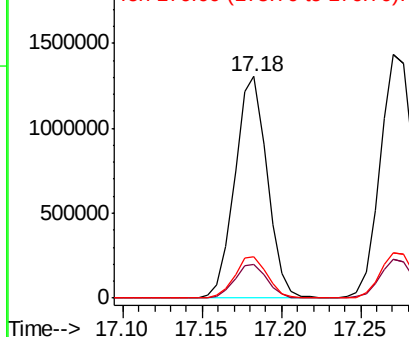


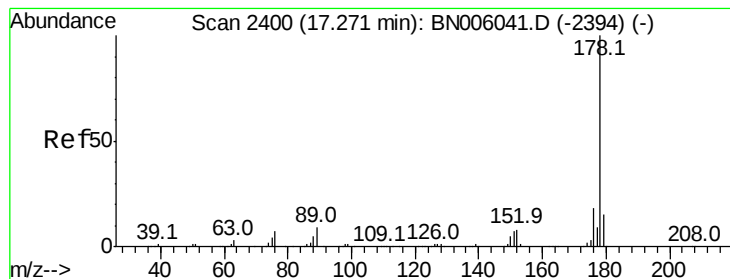
#69
 Phenanthrene
 Concen: 17.998 ng/ul
 RT: 17.18 min Scan# 2385
 Delta R.T. 0.01 min
 Lab File: BN006042.D
 Acq: 03 Jun 2019 17:08

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.4	18.6
176	18.7	15.0	22.4



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





#71

Anthracene

Concen: 20.175 ng/ul

RT: 17.27 min Scan# 2400

Delta R.T. 0.00 min

Lab File: BN006042.D

Acq: 03 Jun 2019 17:08

Instrument :

BNA_N

ClientSampleId :

A42E8

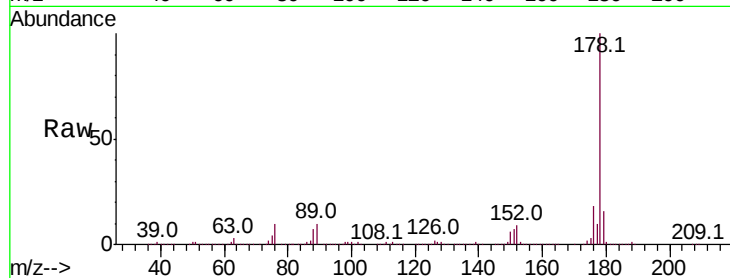
Tot Ion:178 Resp: 2096633

Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

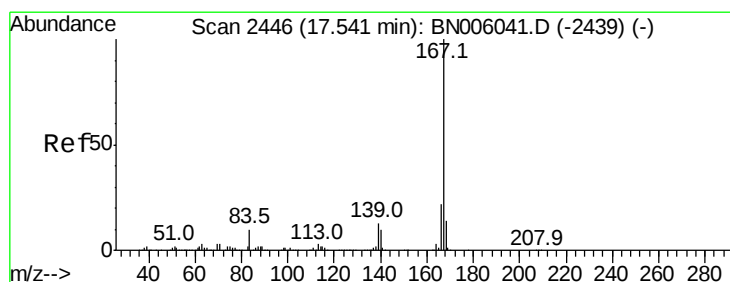
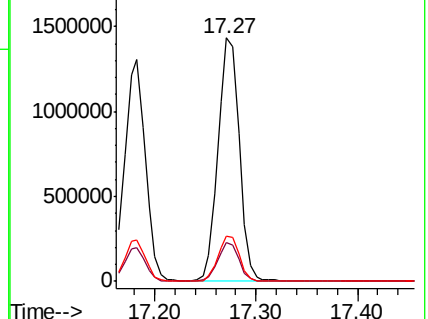
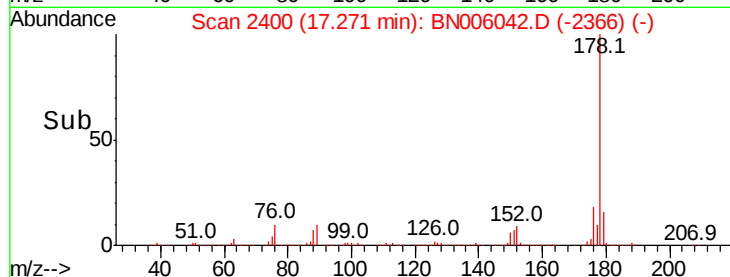
176 18.4 14.8 22.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#74

Carbazole

Concen: 19.834 ng/ul

RT: 17.55 min Scan# 2447

Delta R.T. 0.01 min

Lab File: BN006042.D

Acq: 03 Jun 2019 17:08

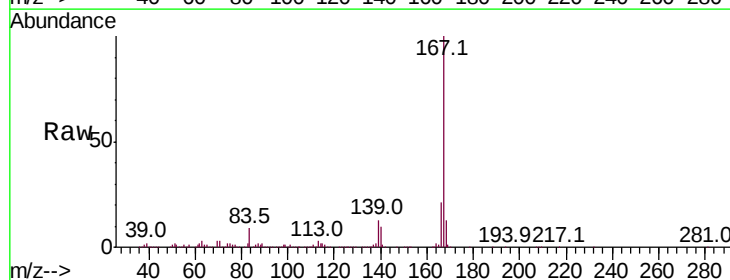
Tgt Ion:167 Resp: 1772975

Ion Ratio Lower Upper

167 100

166 21.3 17.0 25.6

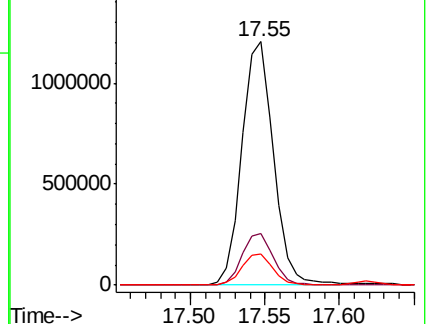
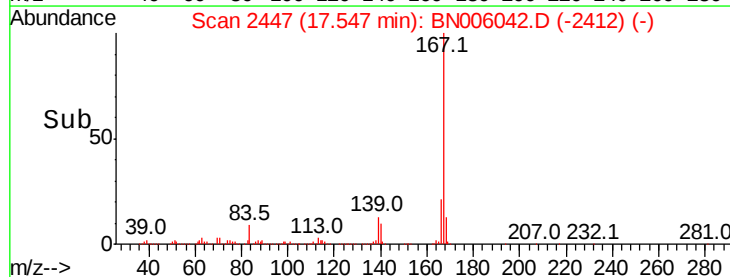
139 12.8 10.4 15.6

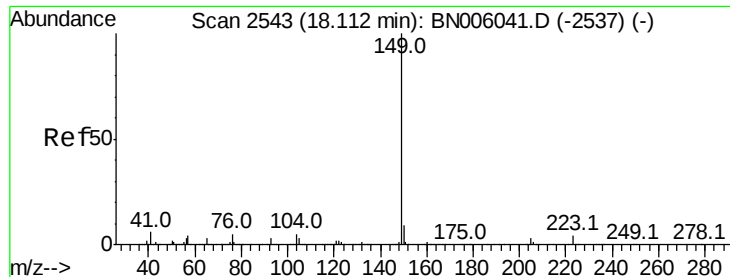


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Di-n-butylphthalate

Concen: 18.543 ng/ul

RT: 18.11 min Scan# 2543

Delta R.T. 0.01 min

Lab File: BN006042.D

Acq: 03 Jun 2019 17:08

Instrument :

BNA_N

ClientSampleId :

A42E8

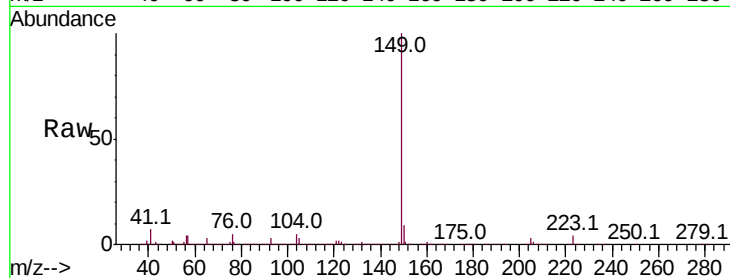
Tot Ion:149 Resp: 2123106

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

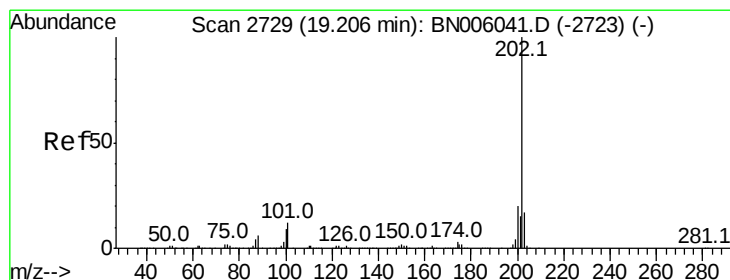
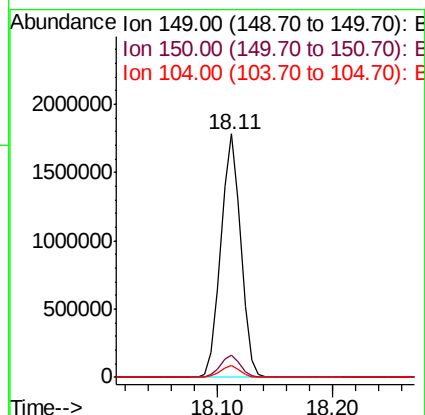
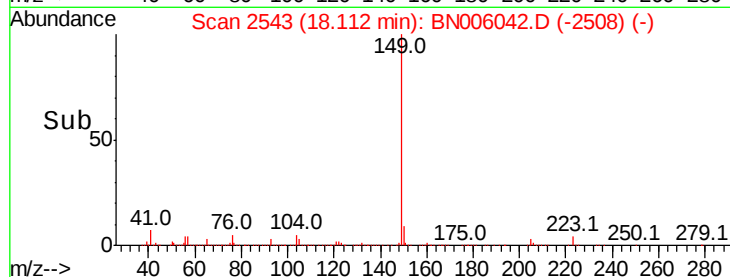
104 4.9 4.2 6.2



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



#76

Fluoranthene

Concen: 40.347 ng/ul

RT: 19.21 min Scan# 2730

Delta R.T. 0.01 min

Lab File: BN006042.D

Acq: 03 Jun 2019 17:08

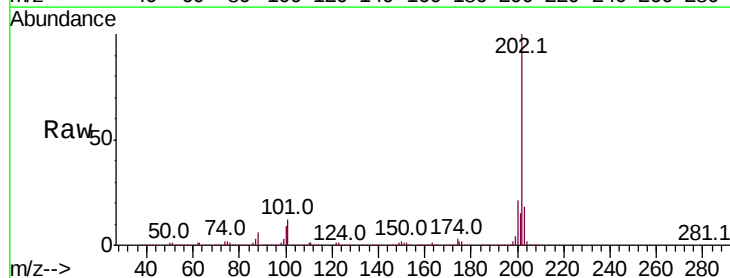
Tgt Ion:202 Resp: 4018239

Ion Ratio Lower Upper

202 100

101 11.9 9.6 14.4

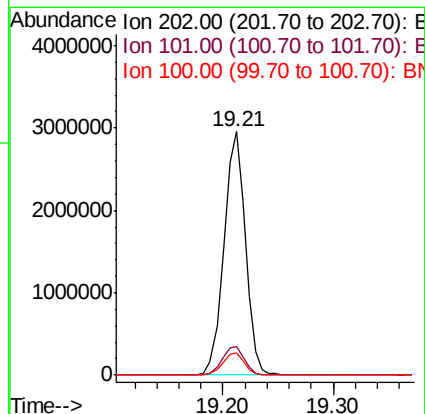
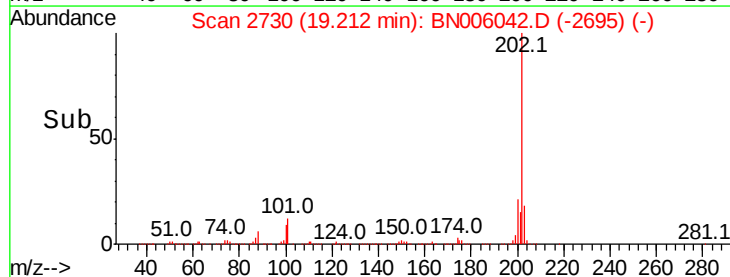
100 9.0 7.1 10.7

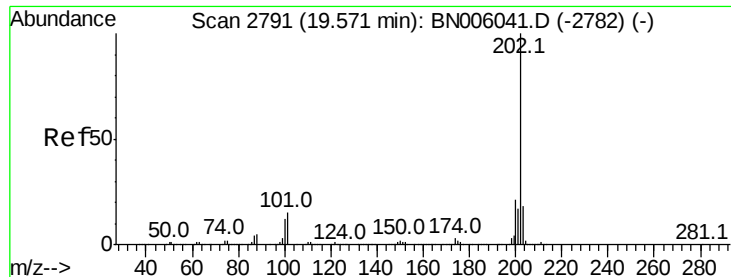


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#79

Pvrene

Concen: 27.367 ng/ul

RT: 19.58 min Scan# 2792

Delta R.T. 0.01 min

Lab File: BN006042.D

Acq: 03 Jun 2019 17:08

Instrument :

BNA_N

ClientSampled :

A42E8

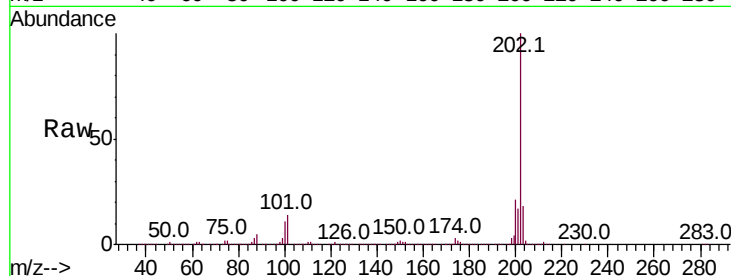
Tot Ion:202 Resp: 2842392

Ion Ratio Lower Upper

202 100

101 14.1 11.6 17.4

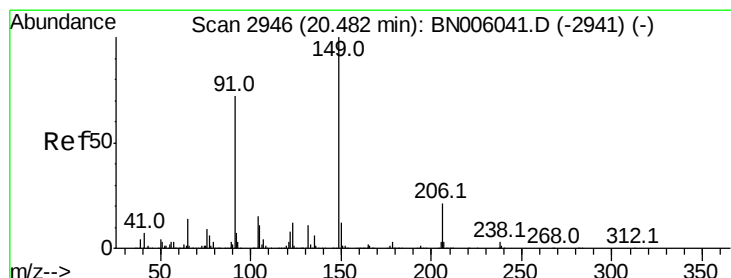
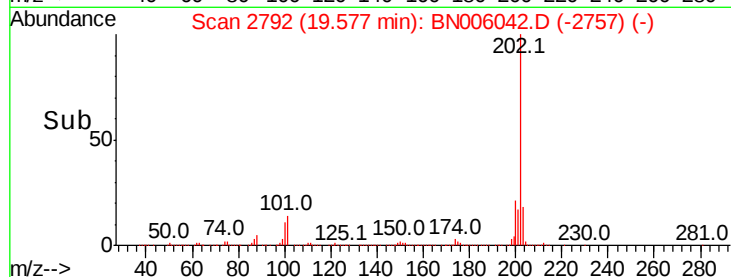
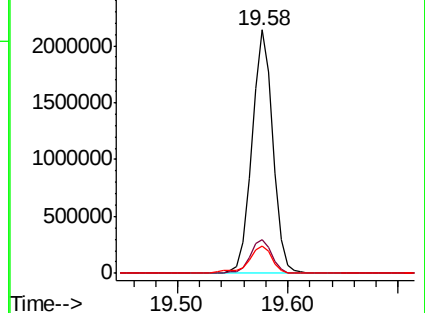
100 11.1 9.4 14.2



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

Butylbenzylphthalate

Concen: 17.855 ng/ul

RT: 20.49 min Scan# 2947

Delta R.T. 0.01 min

Lab File: BN006042.D

Acq: 03 Jun 2019 17:08

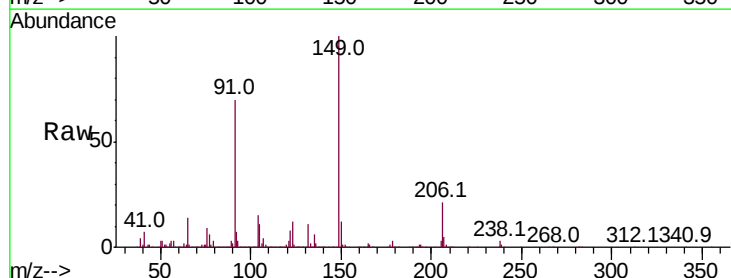
Tgt Ion:149 Resp: 839167

Ion Ratio Lower Upper

149 100

91 70.3 57.0 85.6

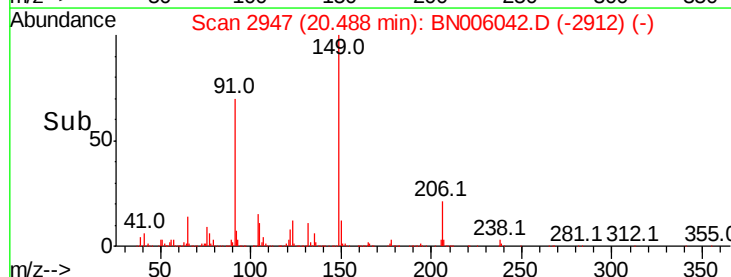
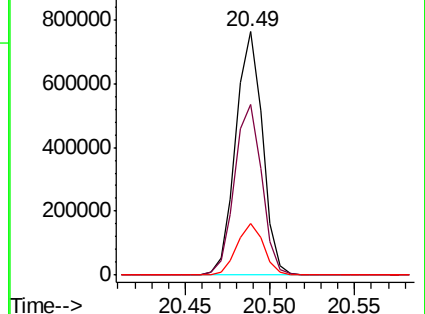
206 21.3 17.4 26.2

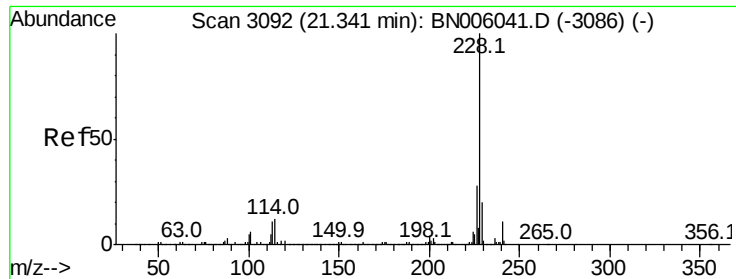


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E

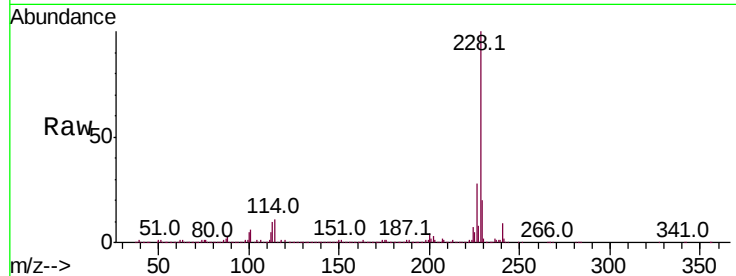




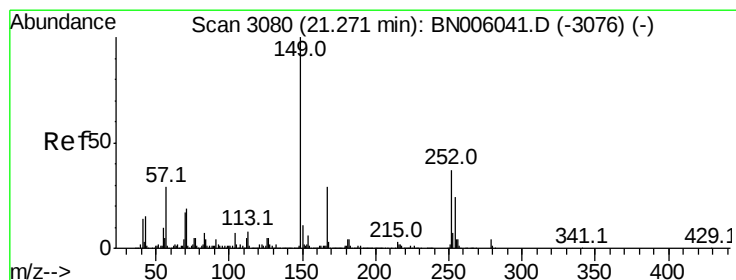
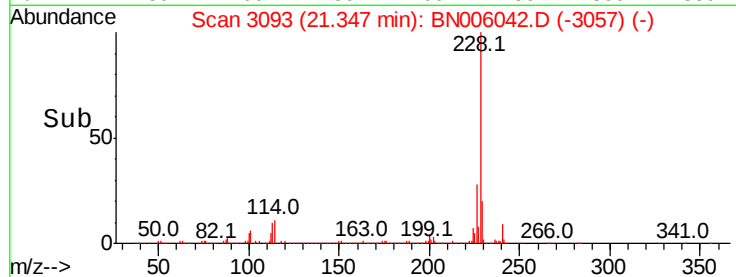
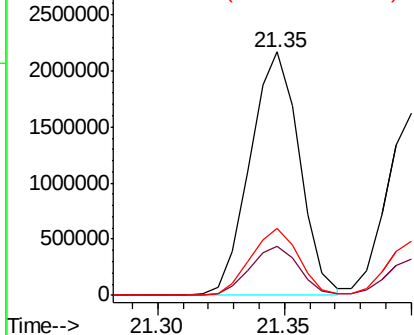
#82
Benzo(a)anthracene
Concen: 32.862 ng/ul
RT: 21.35 min Scan# 3093
Delta R.T. 0.01 min
Lab File: BN006042.D
Acq: 03 Jun 2019 17:08

Instrument :
BNA_N
ClientSampleId :
A42E8

Tot Ion:228 Resp: 2926064
Ion Ratio Lower Upper
228 100
229 20.3 15.8 23.8
226 27.7 21.6 32.4

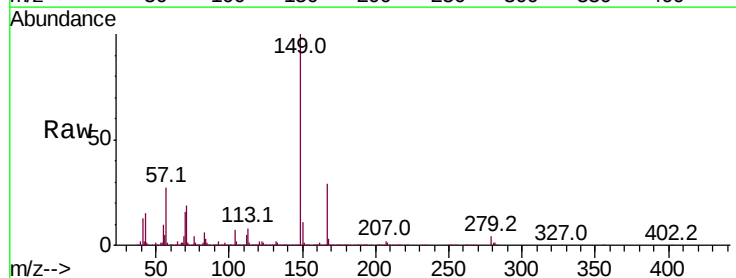


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

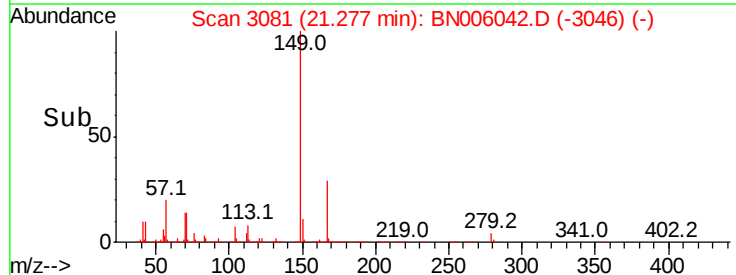
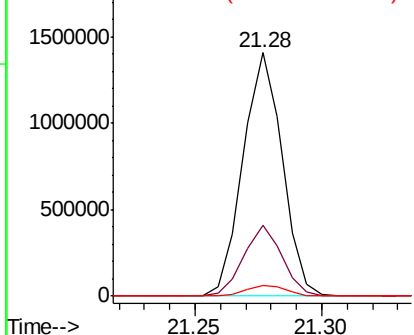


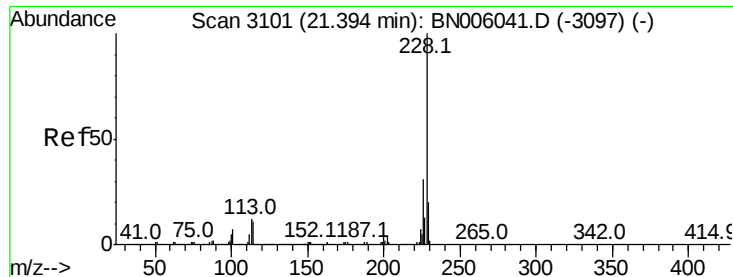
#83
Bis(2-ethylhexyl)phthalate
Concen: 23.537 ng/ul
RT: 21.28 min Scan# 3081
Delta R.T. 0.01 min
Lab File: BN006042.D
Acq: 03 Jun 2019 17:08

Tgt Ion:149 Resp: 1520299
Ion Ratio Lower Upper
149 100
167 29.2 22.5 33.7
279 4.5 3.6 5.4



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





#84

Chrysene

Concen: 24.414 ng/ul

RT: 21.40 min Scan# 3102

Delta R.T. 0.01 min

Lab File: BN006042.D

Acq: 03 Jun 2019 17:08

Instrument :

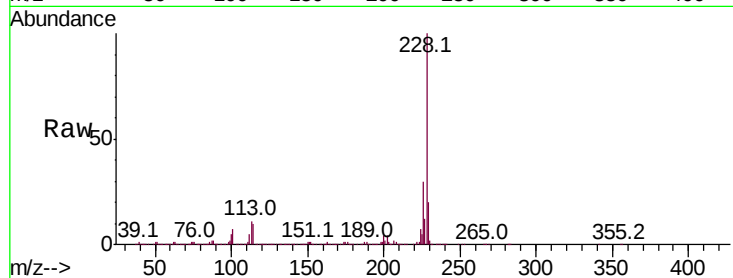
BNA_N

ClientSampleId :

A42E8

Tot Ion:228 Resp: 2056835

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.4
229	19.6	16.3	24.5

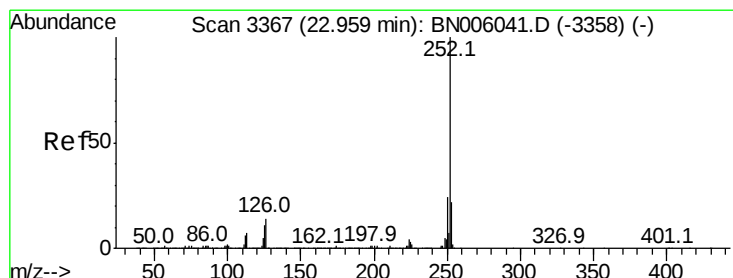
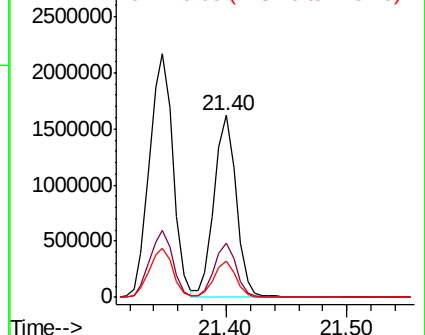
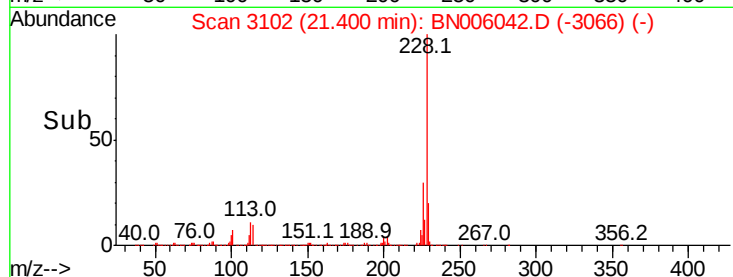


Abundance

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



#87

Benzo(b)fluoranthene

Concen: 23.935 ng/ul

RT: 22.96 min Scan# 3368

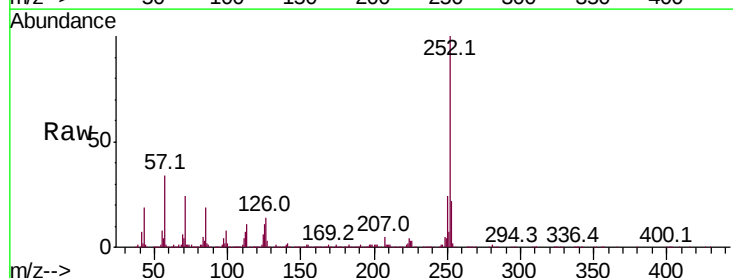
Delta R.T. 0.01 min

Lab File: BN006042.D

Acq: 03 Jun 2019 17:08

Tgt Ion:252 Resp: 2011928

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	11.1	8.5	12.7

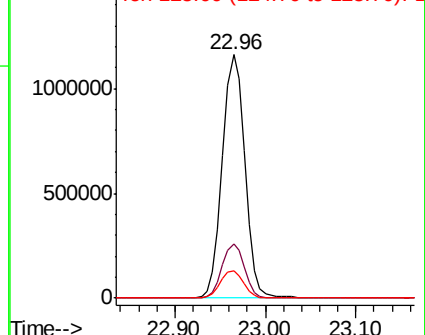
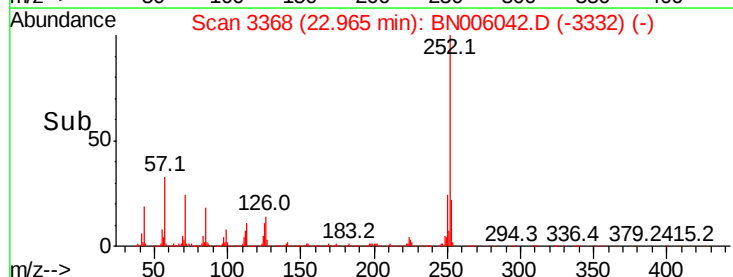


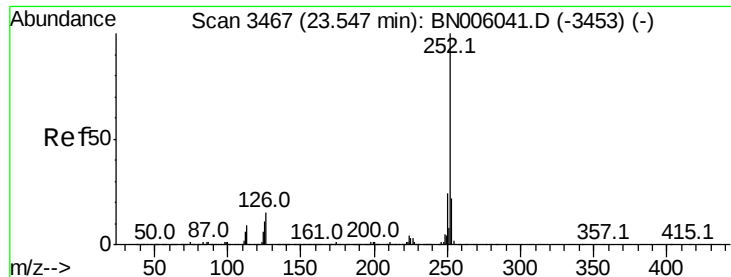
Abundance

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





#90

Benzo(a)pyrene

Concen: 22.276 ng/u1

RT: 23.55 min Scan# 3468

Delta R.T. 0.01 min

Lab File: BN006042.D

Acq: 03 Jun 2019 17:08

Instrument :

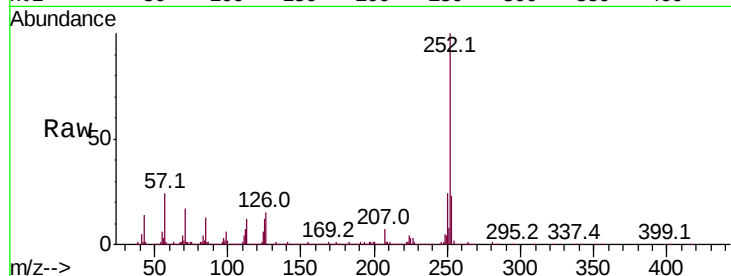
BNA_N

ClientSampleId :

A42E8

Tot Ion:252 Resp: 1780429

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	12.1	9.2	13.8

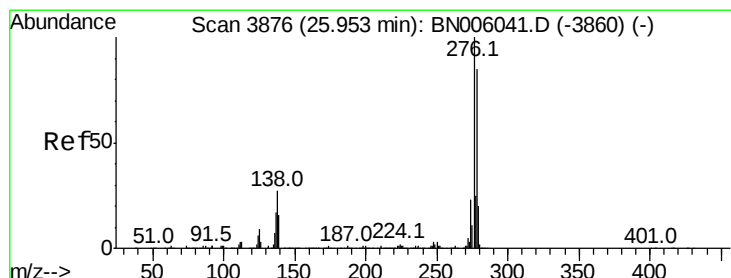
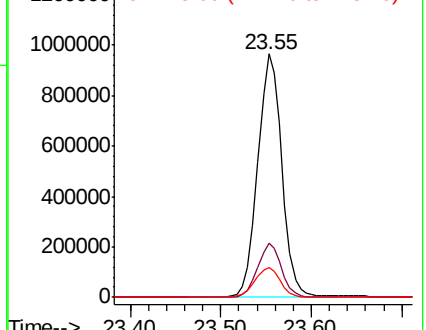
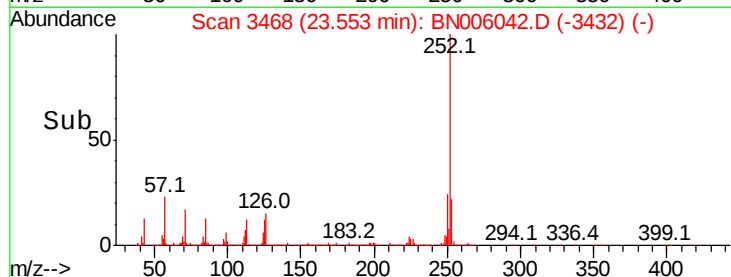


Abundance

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

Indeno(1,2,3-cd)pyrene

Concen: 25.311 ng/u1

RT: 25.96 min Scan# 3877

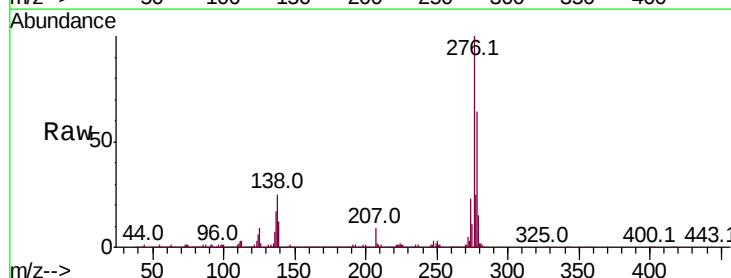
Delta R.T. 0.02 min

Lab File: BN006042.D

Acq: 03 Jun 2019 17:08

Tgt Ion:276 Resp: 2328886

Ion	Ratio	Lower	Upper
276	100		
138	25.4	21.4	32.2
277	25.1	20.2	30.2

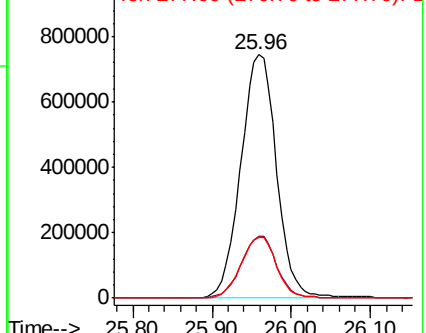
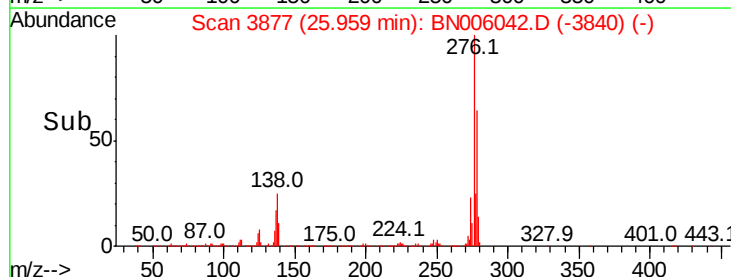


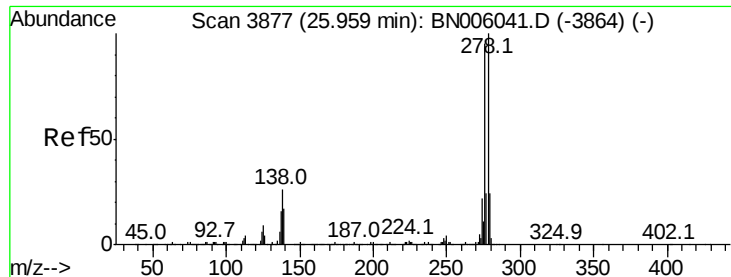
Abundance

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





#92

Dibenzo(a,h)anthracene

Concen: 19.724 ng/ul

RT: 25.97 min Scan# 3879

Delta R.T. 0.02 min

Lab File: BN006042.D

Acq: 03 Jun 2019 17:08

Instrument :

BNA_N

ClientSampleId :

A42E8

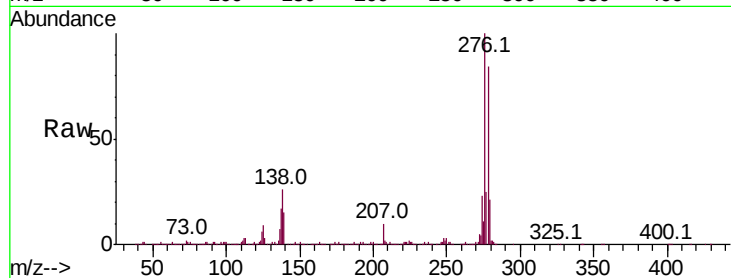
Tot Ion:278 Resp: 1530141

Ion Ratio Lower Upper

278 100

139 18.0 14.2 21.2

279 24.6 19.4 29.0



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

