

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
 Data File : BN005219.D
 Acq On : 23 Apr 2019 17:48
 Operator : JU/SJ
 Sample : K2403-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5111

Quant Time: Apr 24 09:09:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	875089	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	3614957	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1989960	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	4053407	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	3891204	20.00	ng/ul	0.01
85) Perylene-d12	23.44	264	4369547	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	71759	3.96	ng/uL	0.00
5) Phenol-d5	6.78	99	1014055	14.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	601375	14.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	789854	15.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	766666	14.27	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	367708	16.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	411916	18.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	806605	15.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	925424	17.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	2346936	16.25	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	2824859	15.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	354515	15.54	ng/ul	0.00
57) Fluorene-d10	15.23	176	1912135	15.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	250563	13.74	ng/ul	0.00
70) Anthracene-d10	17.09	188	2810716	16.54	ng/ul	0.00
78) Pyrene-d10	19.40	212	3076969	15.46	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	3256801	17.05	ng/ul	0.02

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.25	88	95159	4.882	ng/uL 93
12) 2,2'-oxybis(1-Chloropropan	8.13	45	885210	9.314	ng/ul 99
20) Nitrobenzene	8.78	77	708981	11.579	ng/ul 96
23) 2-Nitrophenol	9.48	139	426499	16.686	ng/ul 100
25) Bis(2-Chloroethoxy)methane	9.79	93	659601	8.657	ng/ul 99
27) 2,4-Dichlorophenol	10.01	162	541144	10.605	ng/ul 99
28) Naphthalene	10.41	128	1068849	6.360	ng/ul 99
33) 4-Chloro-3-methylphenol	11.65	107	1800903	31.343	ng/ul 98
34) 2-Methylnaphthalene	12.03	142	1803555	14.657	ng/ul 99
37) Hexachlorocyclopentadiene	12.39	237	476673	11.353	ng/ul 97
38) 2,4,6-Trichlorophenol	12.65	196	420817	11.332	ng/ul 98
41) 2-Chloronaphthalene	13.09	162	1345078	11.795	ng/ul 98
44) Dimethylphthalate	13.70	163	722857	5.022	ng/ul 99
45) 2,6-Dinitrotoluene	13.81	165	190349	7.659	ng/ul 96
47) Acenaphthylene	13.95	152	1718544	9.856	ng/ul 98
49) Acenaphthene	14.29	153	901525	7.574	ng/ul 100
54) 2,4-Dinitrotoluene	14.60	165	621872	17.357	ng/ul 94
55) 2,3,4,6-Tetrachlorophenol	14.86	232	680582	20.501	ng/ul 94
58) Fluorene	15.29	166	927457	6.935	ng/ul 99
59) 4-Chlorophenyl-phenylether	15.29	204	845047	11.912	ng/ul 98
63) 4,6-Dinitro-2-methylphenol	15.37	198	860301	44.339	ng/ul 97
65) 4-Bromophenyl-phenylether	16.19	248	626272	15.337	ng/ul 97
66) Hexachlorobenzene	16.29	284	661898	15.222	ng/ul 96

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042319\
Data File : BN005219.D
Acq On : 23 Apr 2019 17:48
Operator : JU/SJ
Sample : K2403-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5111

Quant Time: Apr 24 09:09:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 03:50:45 2019
Response via : Initial Calibration

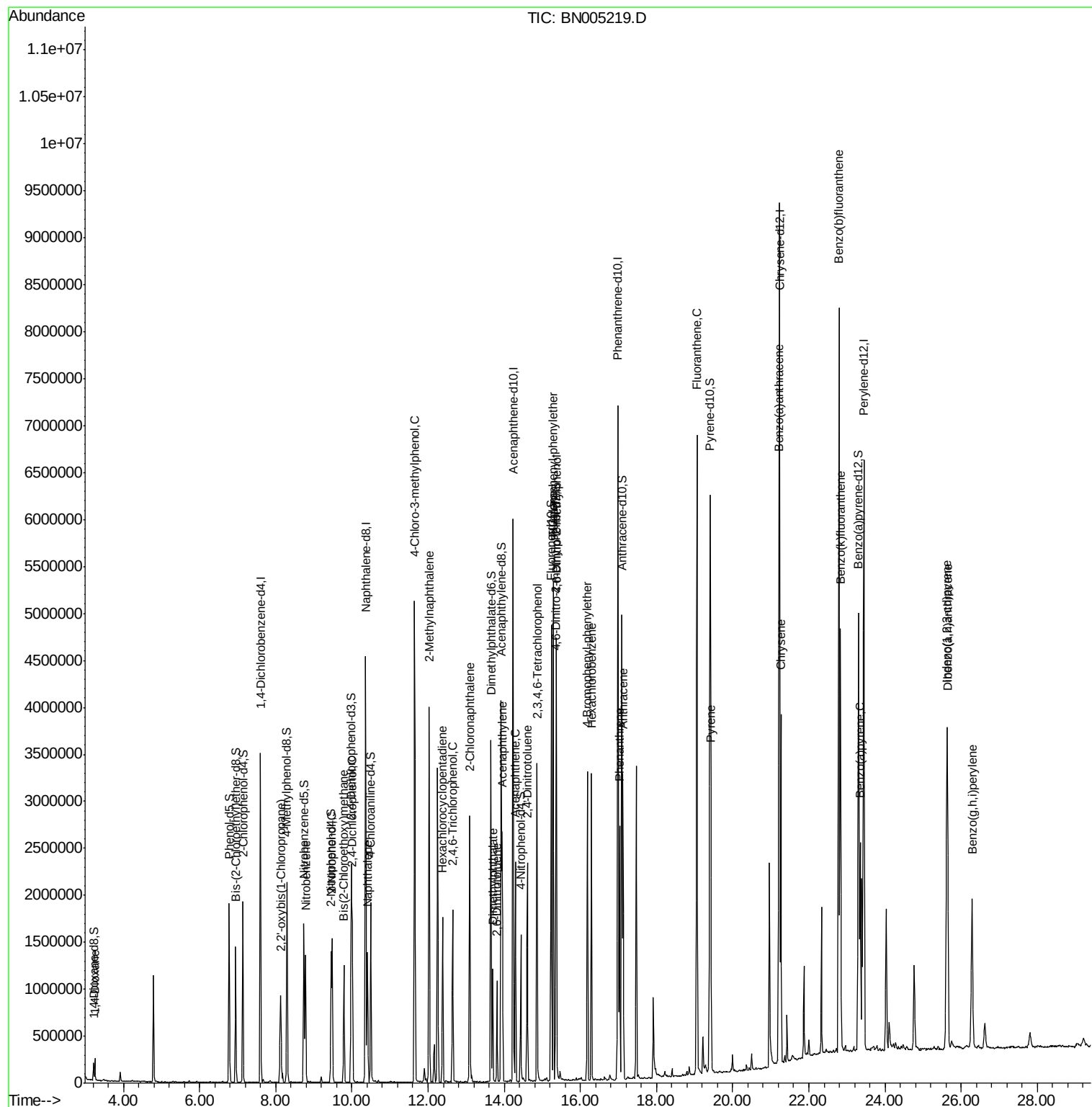
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) Phenanthrene	17.03	178	1533705	7.769	ng/ul	100
71) Anthracene	17.12	178	1903099	9.464	ng/ul	99
76) Fluoranthene	19.06	202	4266284	19.484	ng/ul	99
79) Pyrene	19.43	202	1804606	7.203	ng/ul	98
82) Benzo(a)anthracene	21.21	228	1810037	7.477	ng/ul	99
84) Chrysene	21.26	228	1692649	7.534	ng/ul	99
87) Benzo(b)fluoranthene	22.79	252	5734701	23.347	ng/ul	98
88) Benzo(k)fluoranthene	22.83	252	1592239	6.787	ng/ul	98
90) Benzo(a)pyrene	23.34	252	1492286	6.464	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.62	276	2157528	8.452	ng/ul	99
92) Dibenzo(a,h)anthracene	25.64	278	2167930	10.008	ng/ul	98
93) Benzo(a,h,i)perylene	26.29	276	1858222	8.804	ng/ul	98

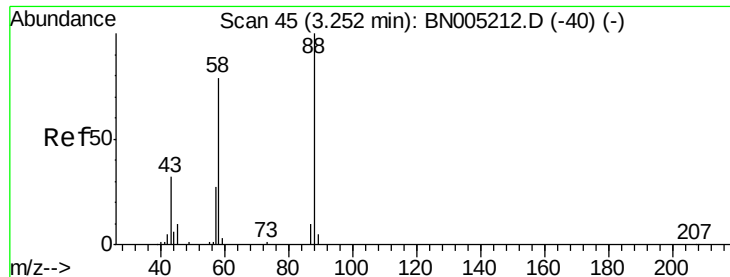
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042319\
Data File : BN005219.D
Acq On : 23 Apr 2019 17:48
Operator : JU/SJ
Sample : K2403-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5111

Quant Time: Apr 24 09:09:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 03:50:45 2019
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 4.882 ng/uL

RT: 3.25 min Scan# 45

Delta R.T. 0.00 min

Lab File: BN005219.D

Acq: 23 Apr 2019 17:48

Instrument :

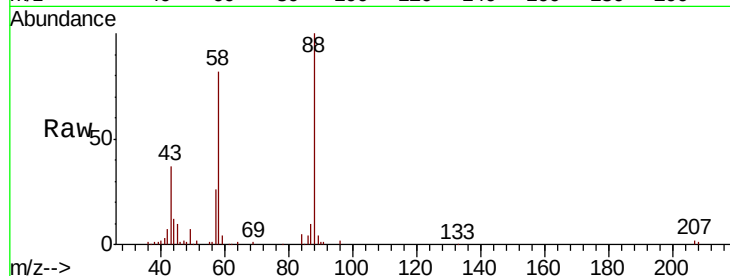
BNA_N

ClientSampled :

A5111

Tot Ion: 88 Resp: 95159

Ion	Ratio	Lower	Upper
88	100		
43	37.3	25.3	37.9
58	82.3	62.3	93.5



Abundance

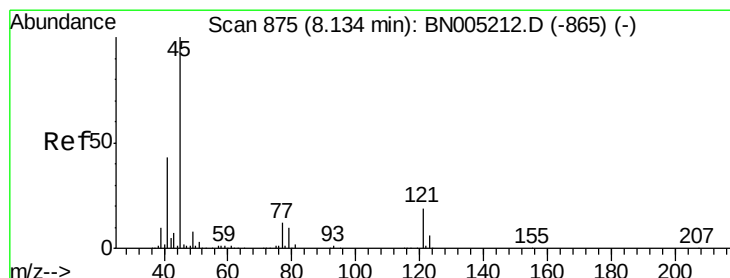
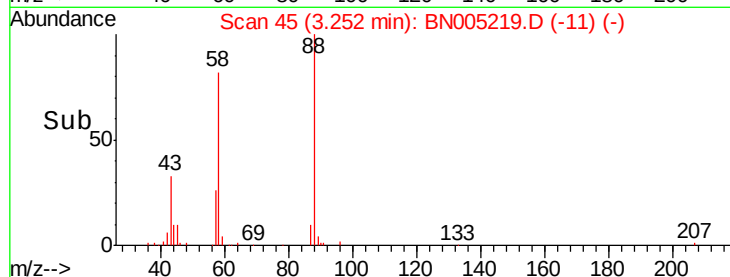
Ion 88.00 (87.70 to 88.70): BN0

Ion 43.00 (42.70 to 43.70): BN0

Ion 58.00 (57.70 to 58.70): BN0

3.25

Time-->



#12

2,2'-oxybis(1-Chloropropane)

Concen: 9.314 ng/uL

RT: 8.13 min Scan# 874

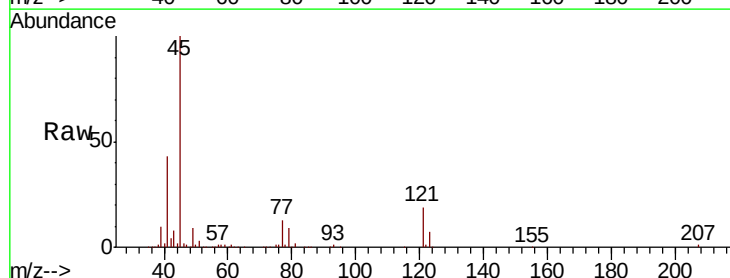
Delta R.T. -0.01 min

Lab File: BN005219.D

Acq: 23 Apr 2019 17:48

Tgt Ion: 45 Resp: 885210

Ion	Ratio	Lower	Upper
45	100		
77	12.9	9.8	14.6
79	9.3	7.4	11.0



Abundance

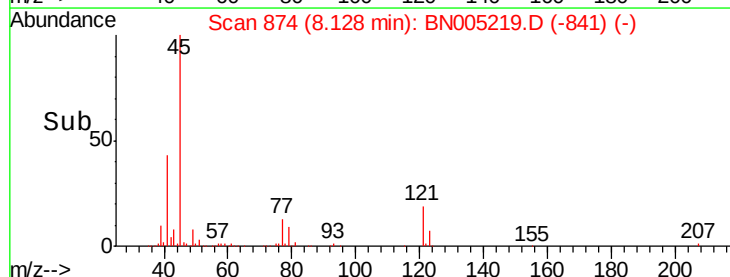
Ion 45.00 (44.70 to 45.70): BN0

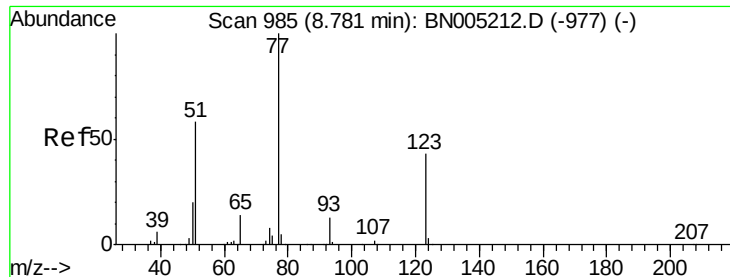
Ion 77.00 (76.70 to 77.70): BN0

Ion 79.00 (78.70 to 79.70): BN0

8.13

Time-->

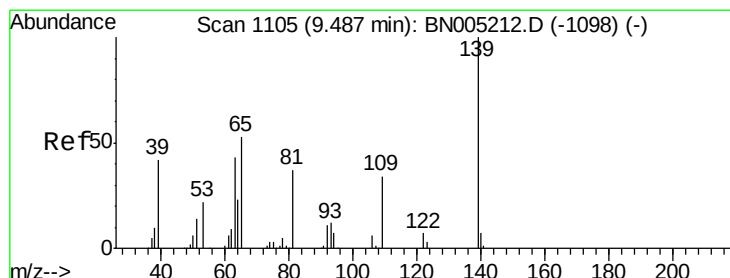
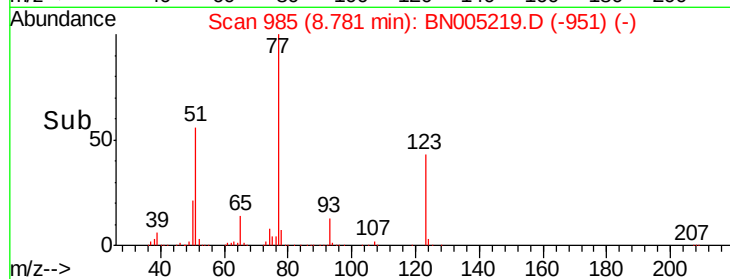
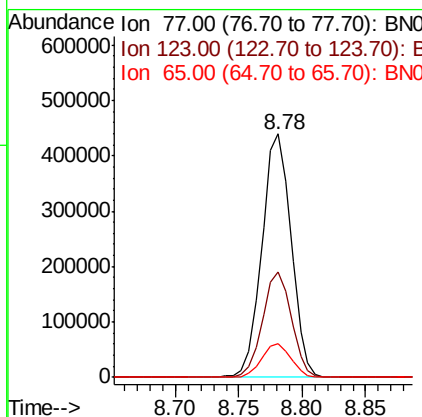
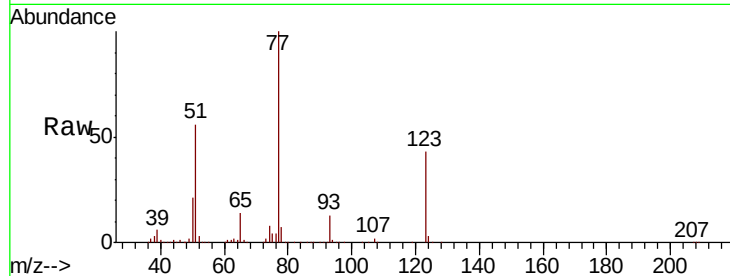




#20
Nitrobenzene
Concen: 11.579 ng/ul
RT: 8.78 min Scan# 985
Delta R.T. 0.00 min
Lab File: BN005219.D
Acq: 23 Apr 2019 17:48

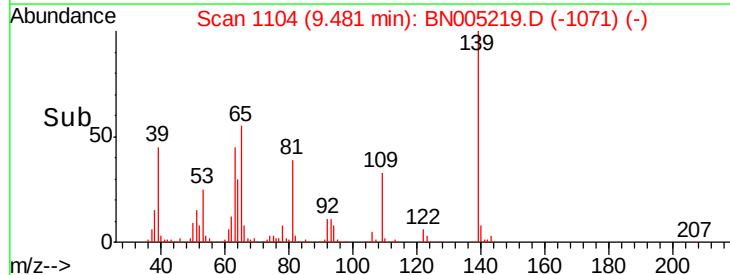
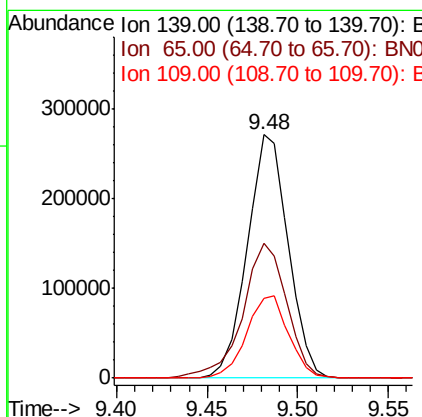
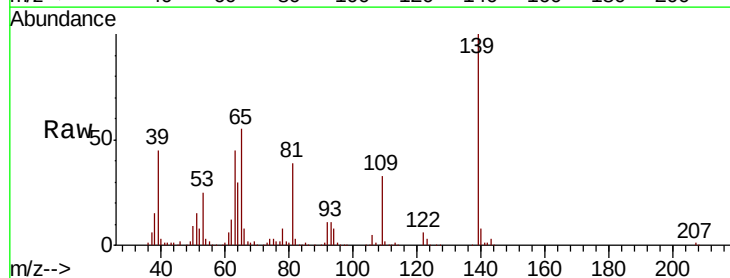
Instrument :
BNA_N
ClientSampled :
A5111

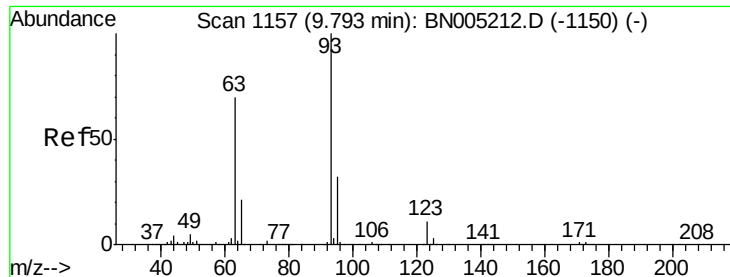
Tot Ion	Ratio	Lower	Upper
77	100		
123	43.4	32.6	49.0
65	13.9	11.6	17.4



#23
2-Nitrophenol
Concen: 16.686 ng/ul
RT: 9.48 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BN005219.D
Acq: 23 Apr 2019 17:48

Tgt Ion	Ratio	Lower	Upper
139	100		
65	55.2	44.2	66.4
109	33.0	26.8	40.2





#25

Bis(2-Chloroethoxy)methane

Concen: 8.657 ng/ul

RT: 9.79 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BN005219.D

Acq: 23 Apr 2019 17:48

Instrument :

BNA_N

ClientSampleId :

A5111

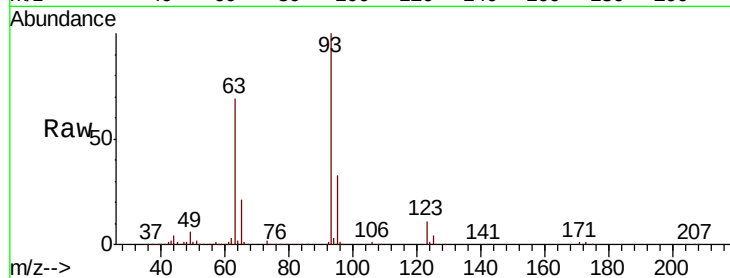
Tot Ion: 93 Resp: 659601

Ion Ratio Lower Upper

93 100

95 32.6 26.6 39.8

123 11.1 8.9 13.3

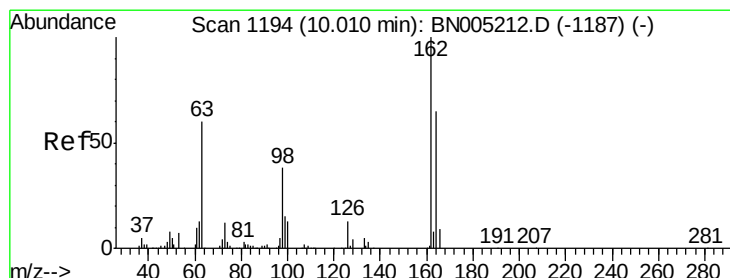
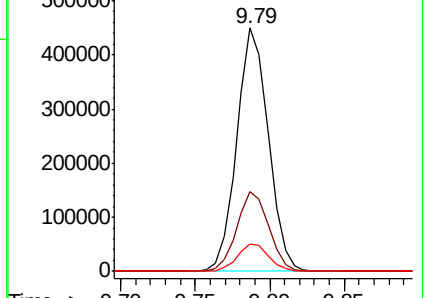
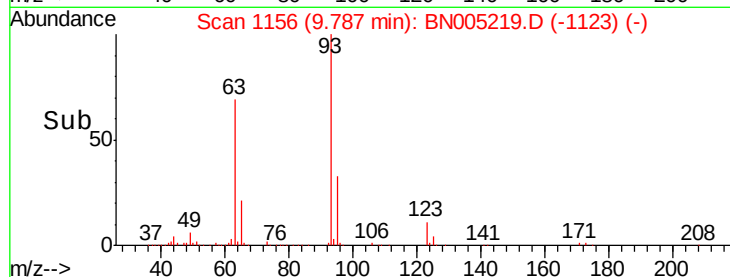


Abundance Ion 93.00 (92.70 to 93.70): BN005212.D (-1150) (-)

Ion 95.00 (94.70 to 95.70): BN005212.D (-1150) (-)

Ion 123.00 (122.70 to 123.70): BN005212.D (-1150) (-)

Time--> 9.70 9.75 9.80 9.85



#27

2,4-Dichlorophenol

Concen: 10.605 ng/ul

RT: 10.01 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BN005219.D

Acq: 23 Apr 2019 17:48

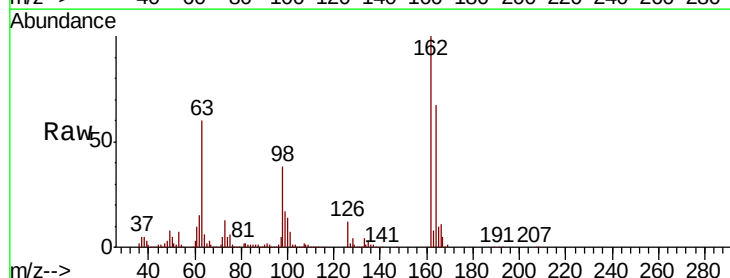
Tgt Ion: 162 Resp: 541144

Ion Ratio Lower Upper

162 100

164 66.6 52.6 79.0

98 38.2 30.8 46.2

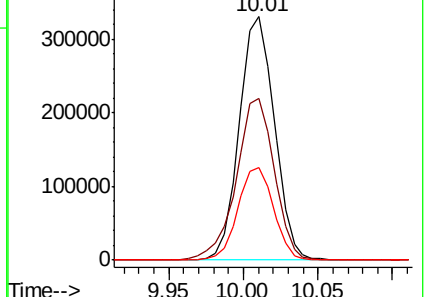
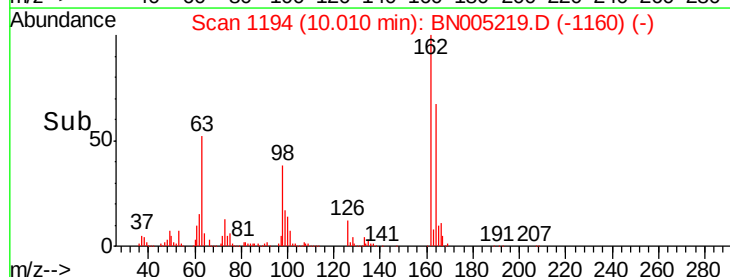


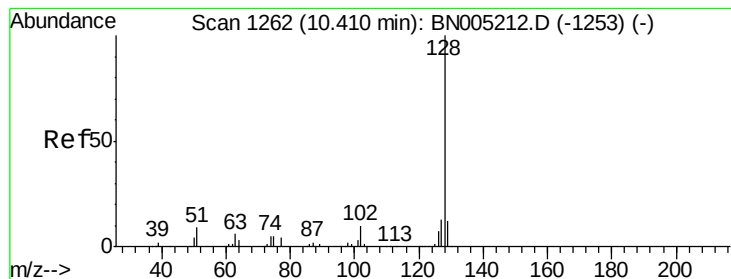
Abundance Ion 162.00 (161.70 to 162.70): BN005212.D (-1187) (-)

Ion 164.00 (163.70 to 164.70): BN005212.D (-1187) (-)

Ion 98.00 (97.70 to 98.70): BN005212.D (-1187) (-)

Time--> 9.95 10.00 10.05





#28

Naphthalene

Concen: 6.360 ng/ul

RT: 10.41 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BN005219.D

Acq: 23 Apr 2019 17:48

Instrument :

BNA_N

ClientSampleId :

A5111

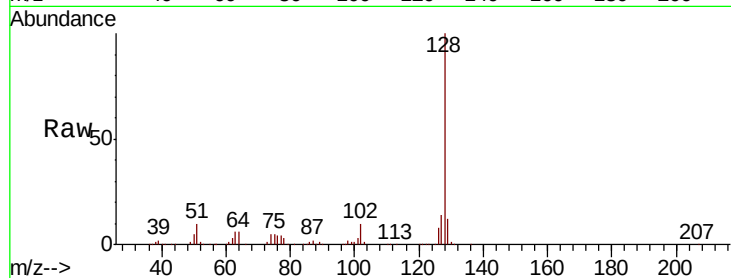
Tot Ion:128 Resp: 1068849

Ion Ratio Lower Upper

128 100

129 11.6 9.2 13.8

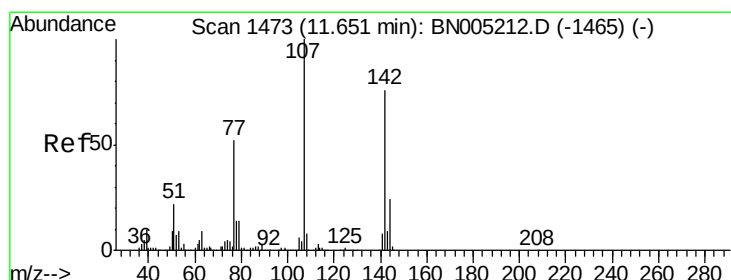
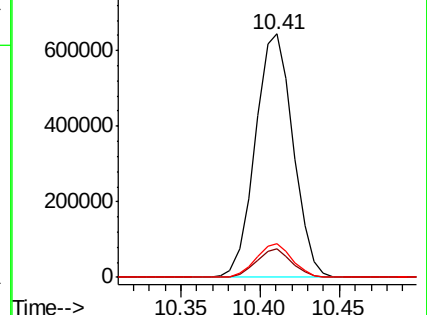
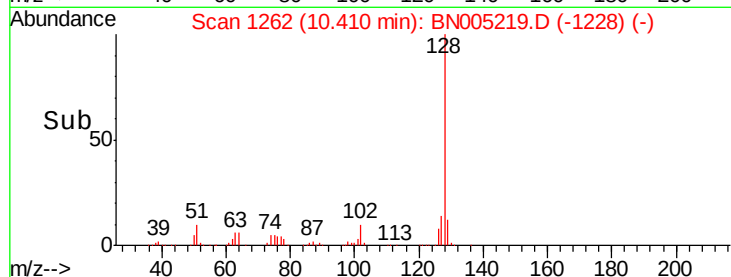
127 13.8 10.7 16.1



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



#33

4-Chloro-3-methylphenol

Concen: 31.343 ng/ul

RT: 11.65 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN005219.D

Acq: 23 Apr 2019 17:48

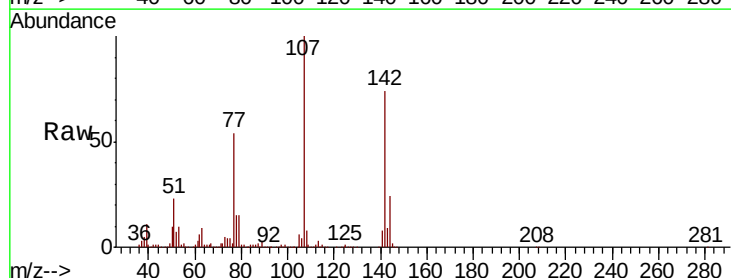
Tgt Ion:107 Resp: 1800903

Ion Ratio Lower Upper

107 100

144 23.6 19.4 29.0

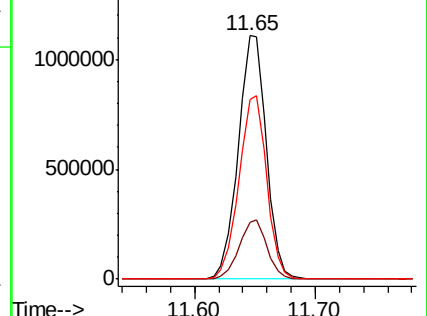
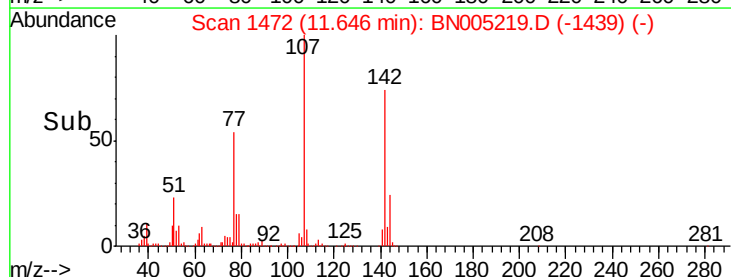
142 73.9 57.7 86.5

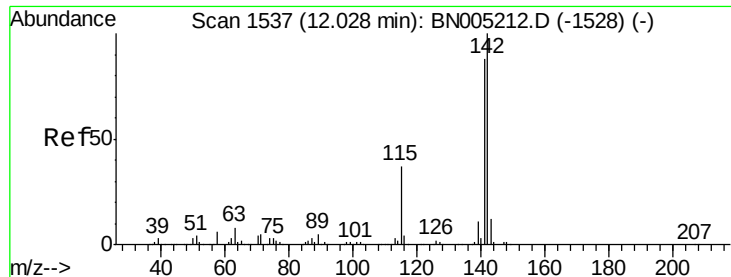


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

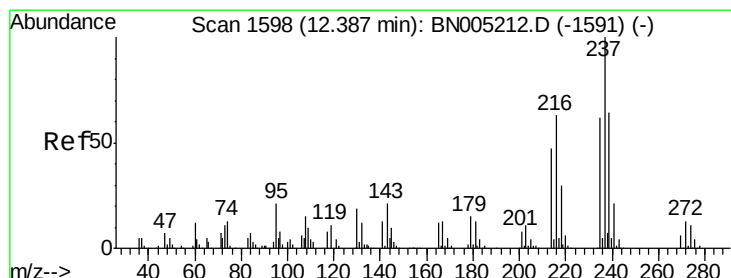
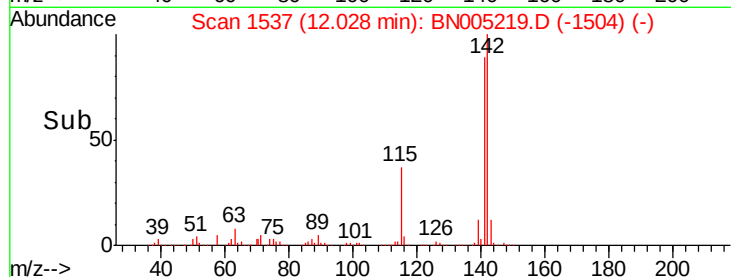
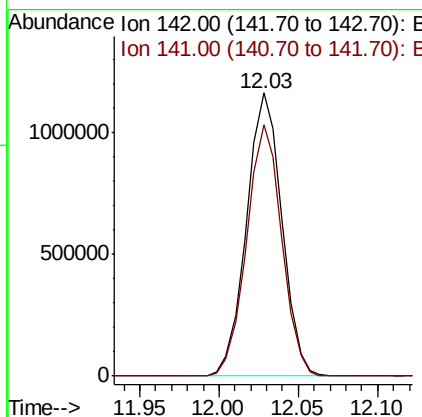
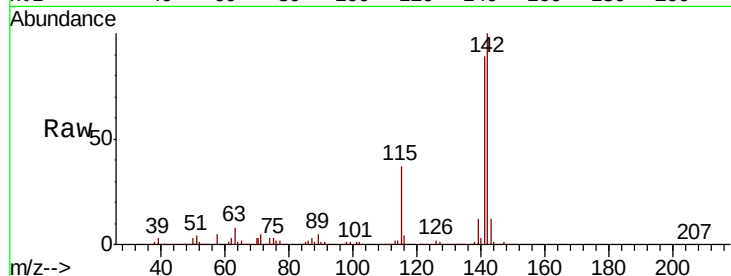




#34
 2-Methylnaphthalene
 Concen: 14.657 ng/ul
 RT: 12.03 min Scan# 1537
 Delta R.T. -0.01 min
 Lab File: BN005219.D
 Acq: 23 Apr 2019 17:48

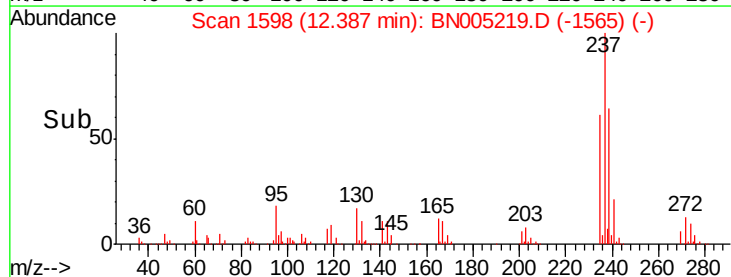
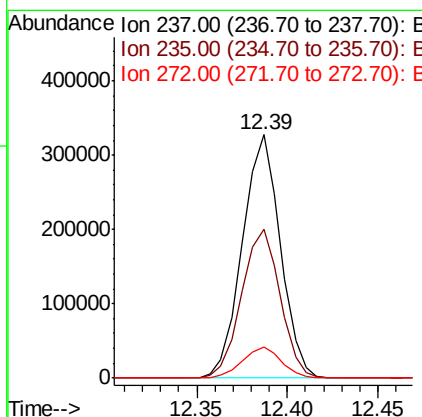
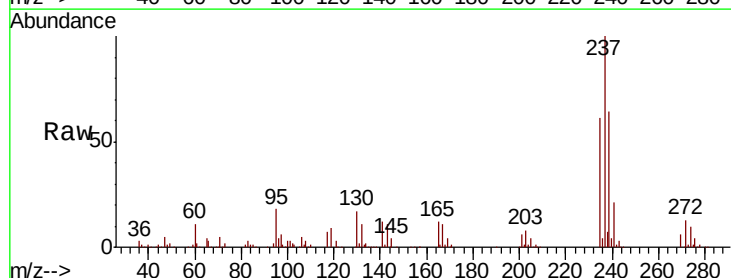
Instrument :
 BNA_N
 ClientSampleId :
 A5111

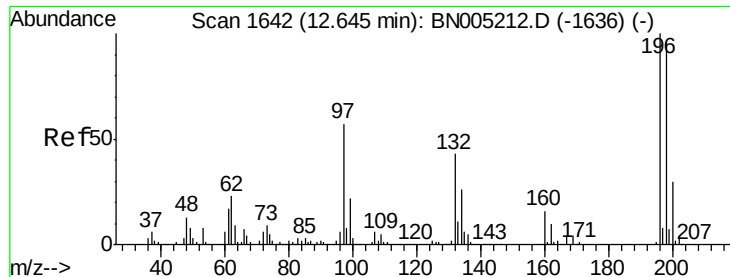
Tot Ion:142 Resp: 1803555
 Ion Ratio Lower Upper
 142 100
 141 88.8 72.0 108.0



#37
 Hexachlorocyclopentadiene
 Concen: 11.353 ng/ul
 RT: 12.39 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BN005219.D
 Acq: 23 Apr 2019 17:48

Tgt Ion:237 Resp: 476673
 Ion Ratio Lower Upper
 237 100
 235 61.1 51.1 76.7
 272 12.6 9.5 14.3

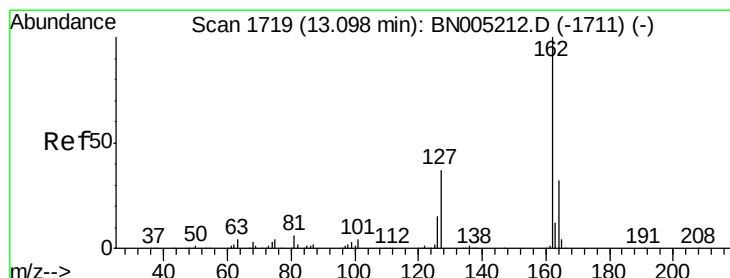
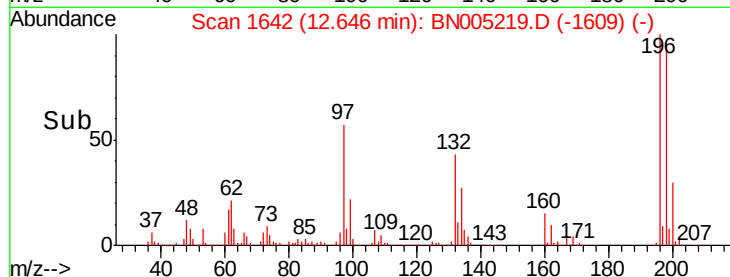
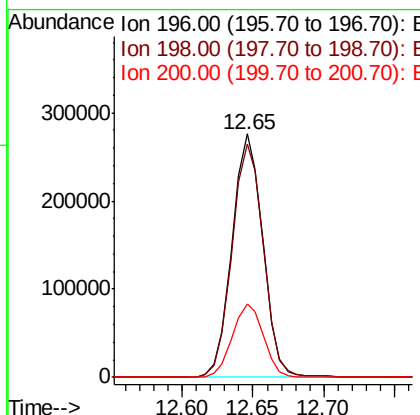
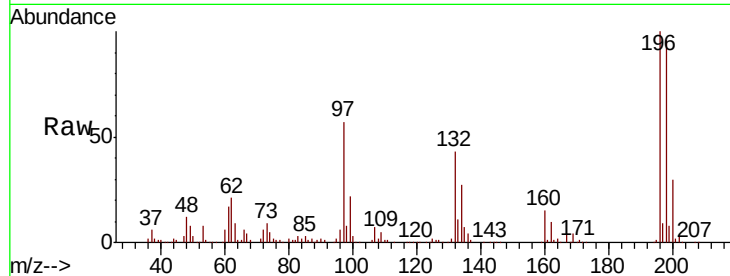




#38
 2,4,6-Trichlorophenol
 Concen: 11.332 ng/ul
 RT: 12.65 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BN005219.D
 Acq: 23 Apr 2019 17:48

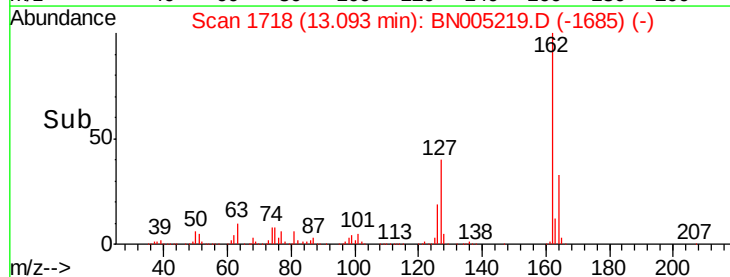
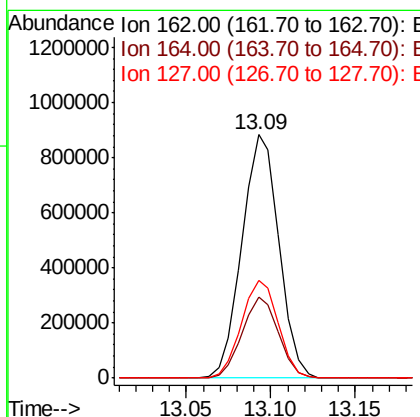
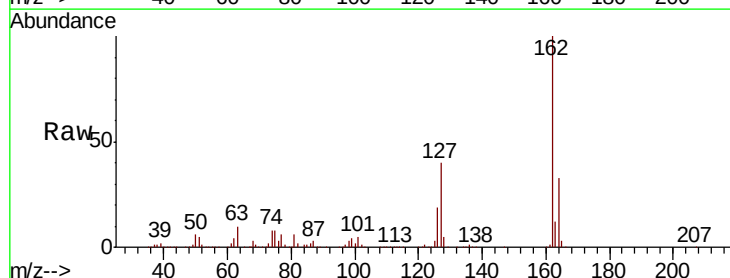
Instrument :
 BNA_N
 ClientSampleId :
 A5111

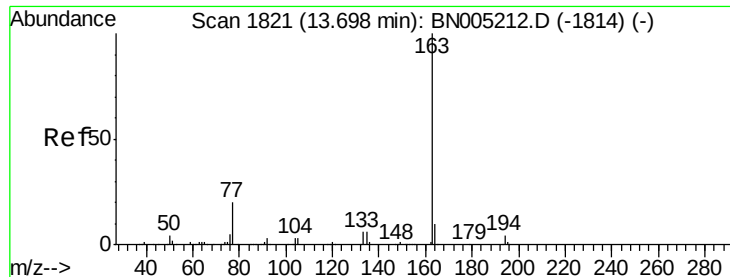
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.1	74.8	112.2
200	30.1	23.5	35.3



#41
 2-Chloronaphthalene
 Concen: 11.795 ng/ul
 RT: 13.09 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BN005219.D
 Acq: 23 Apr 2019 17:48

Tgt Ion	Ratio	Lower	Upper
162	100		
164	33.4	26.8	40.2
127	40.1	33.5	50.3

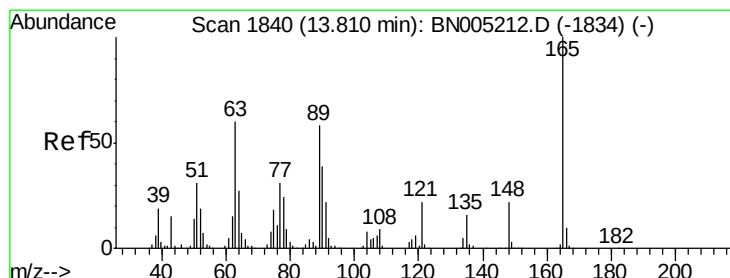
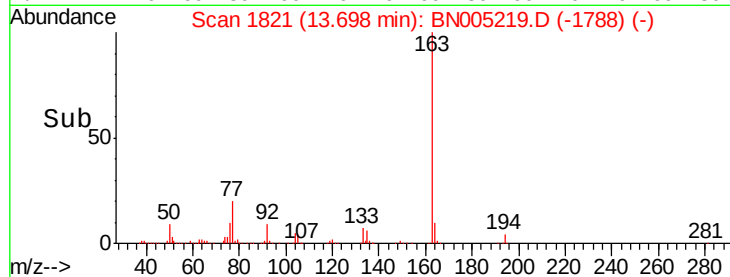
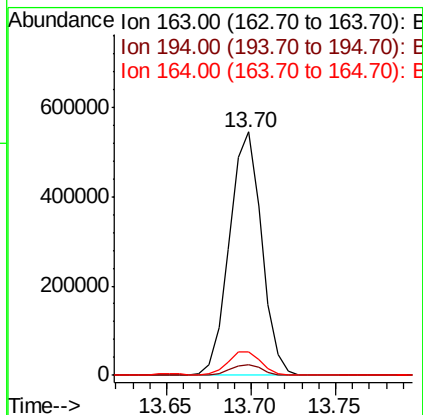
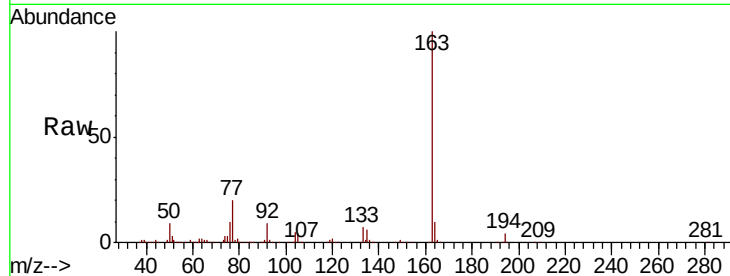




#44
Dimethylphthalate
Concen: 5.022 ng/ul
RT: 13.70 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BN005219.D
Acq: 23 Apr 2019 17:48

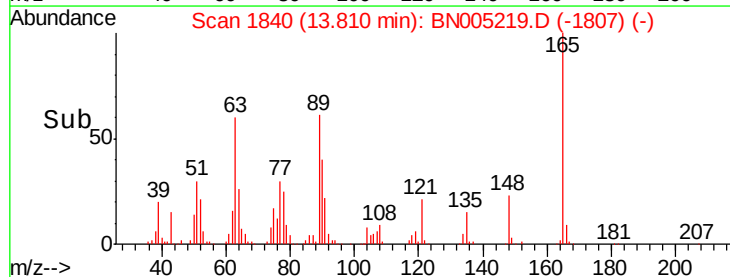
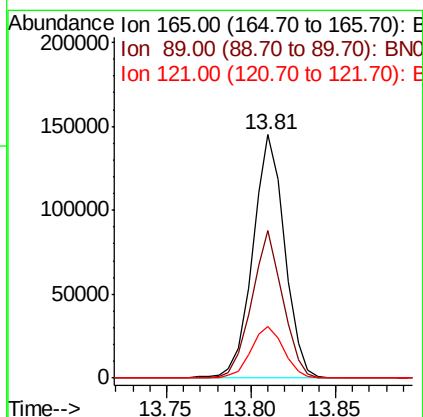
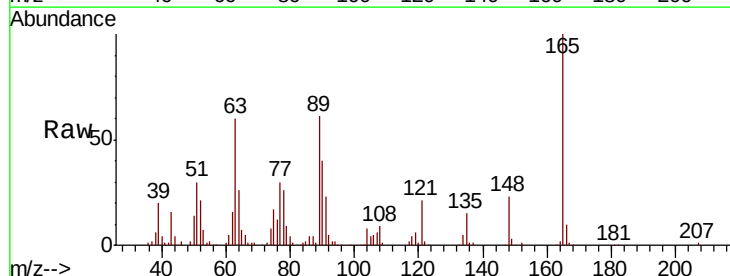
Instrument :
BNA_N
ClientSampleId :
A5111

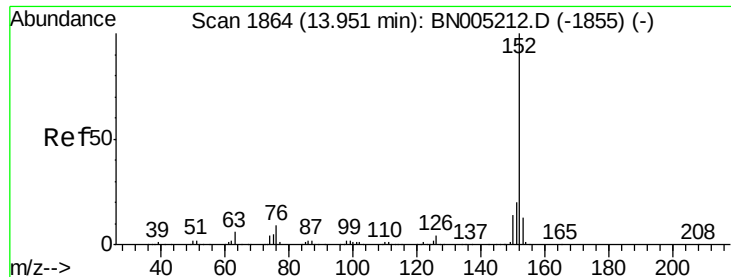
Tot Ion:163 Resp: 722857
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 9.5 8.1 12.1



#45
2,6-Dinitrotoluene
Concen: 7.659 ng/ul
RT: 13.81 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BN005219.D
Acq: 23 Apr 2019 17:48

Tgt Ion:165 Resp: 190349
Ion Ratio Lower Upper
165 100
89 60.6 50.2 75.2
121 21.0 19.4 29.2





#47

Acenaphthylene

Concen: 9.856 ng/ul

RT: 13.95 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BN005219.D

Acq: 23 Apr 2019 17:48

Instrument :

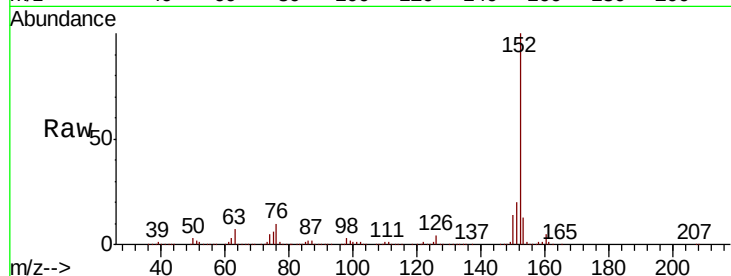
BNA_N

ClientSampleId :

A5111

Tot Ion:152 Resp: 1718544

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.8	23.8
153	13.5	9.8	14.8

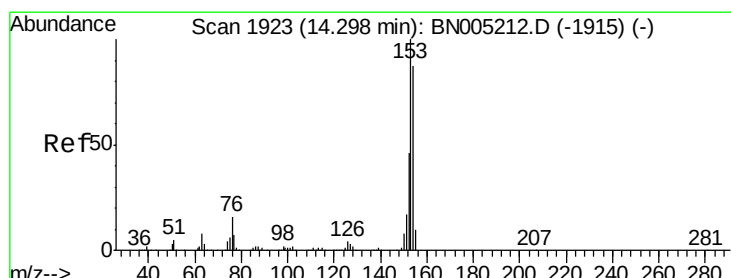
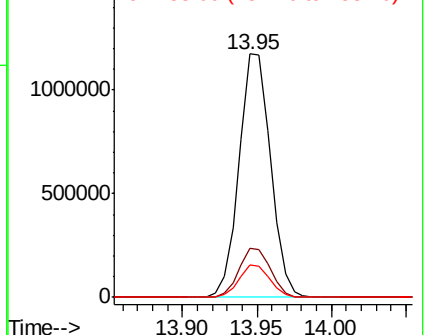
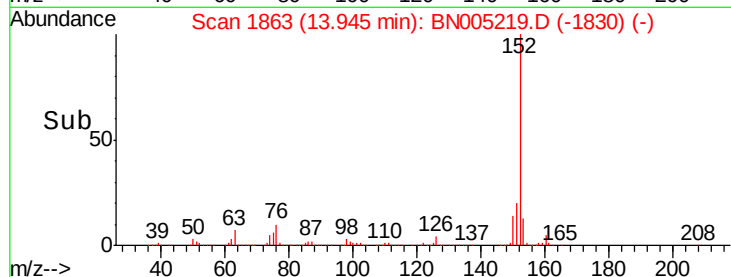


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Acenaphthene

Concen: 7.574 ng/ul

RT: 14.29 min Scan# 1922

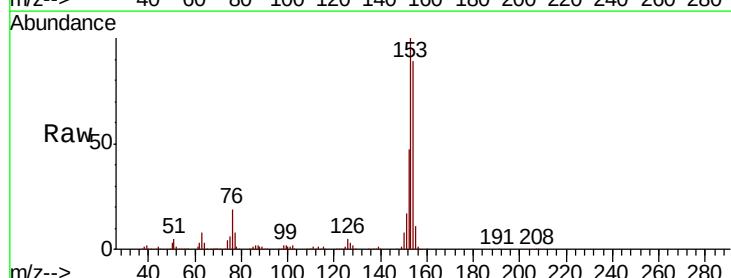
Delta R.T. -0.01 min

Lab File: BN005219.D

Acq: 23 Apr 2019 17:48

Tgt Ion:153 Resp: 901525

Ion	Ratio	Lower	Upper
153	100		
152	47.4	37.4	56.0
154	89.0	71.2	106.8

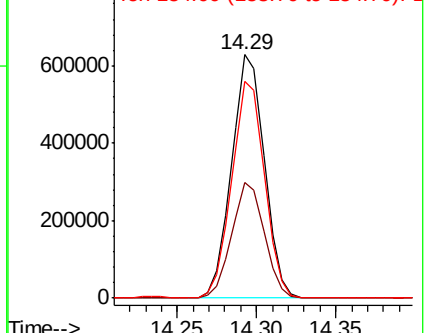
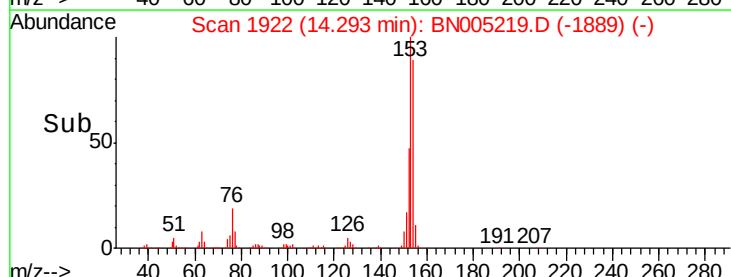


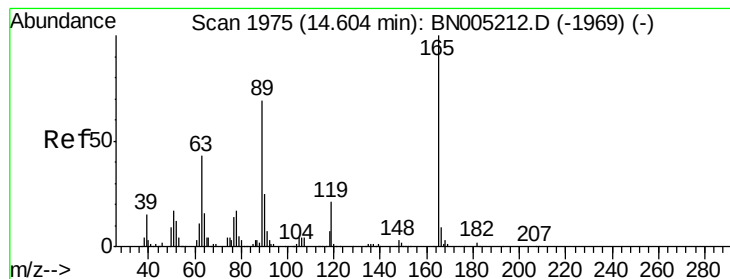
Abundance

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





#54

2,4-Dinitrotoluene

Concen: 17.357 ng/ul

RT: 14.60 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BN005219.D

Acq: 23 Apr 2019 17:48

Instrument :

BNA_N

ClientSampleId :

A5111

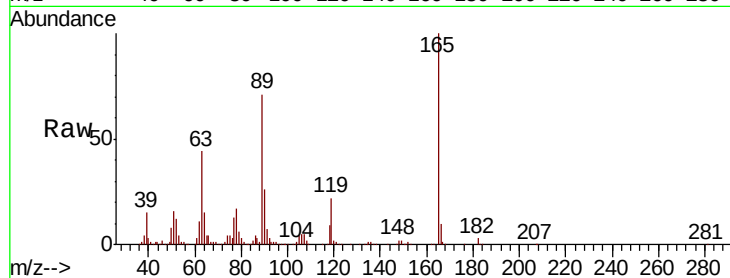
Tot Ion:165 Resp: 621872

Ion Ratio Lower Upper

165 100

63 44.4 38.9 58.3

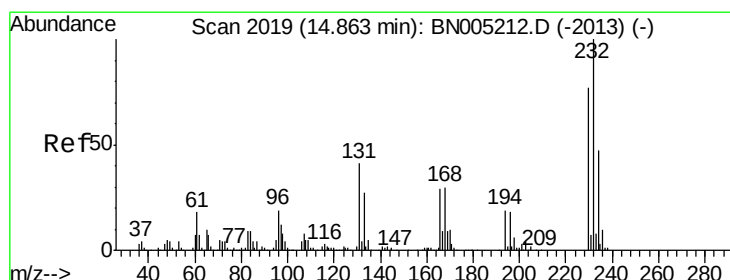
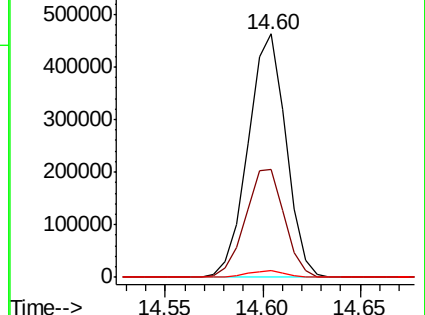
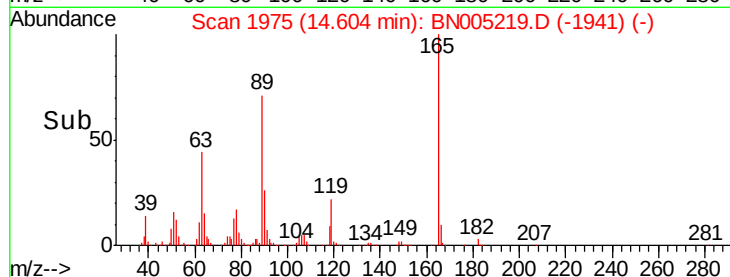
182 2.9 2.6 3.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BN

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 20.501 ng/ul

RT: 14.86 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BN005219.D

Acq: 23 Apr 2019 17:48

Tgt Ion:232 Resp: 680582

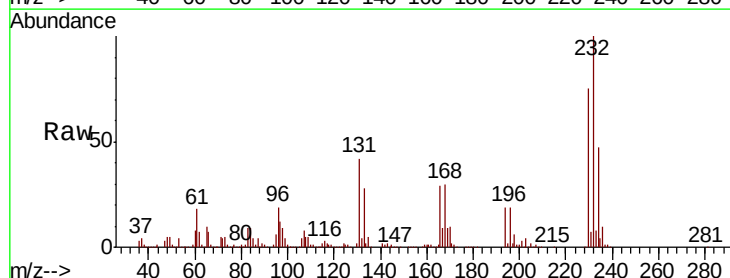
Ion Ratio Lower Upper

232 100

131 41.9 36.6 54.8

130 2.2 2.0 3.0

166 29.2 26.6 39.8

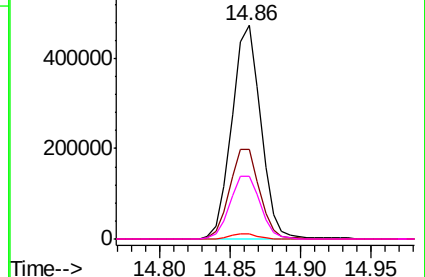
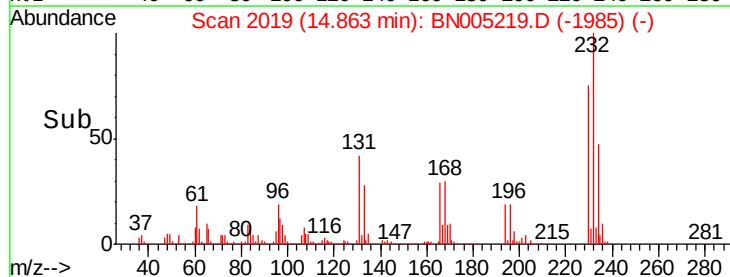


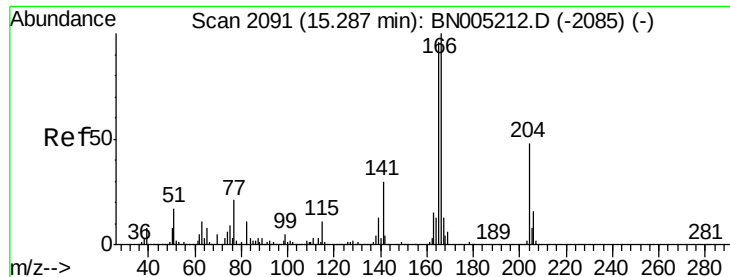
Abundance Ion 232.00 (231.70 to 232.70): E

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





#58

Fluorene

Concen: 6.935 ng/ul

RT: 15.29 min Scan# 2091

Delta R.T. 0.00 min

Lab File: BN005219.D

Acq: 23 Apr 2019 17:48

Instrument :

BNA_N

ClientSampled :

A5111

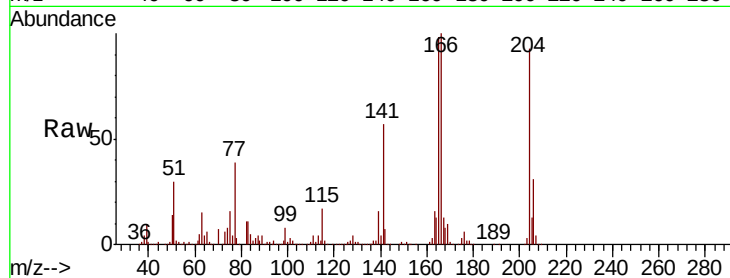
Tot Ion:166 Resp: 927457

Ion Ratio Lower Upper

166 100

165 98.4 80.0 120.0

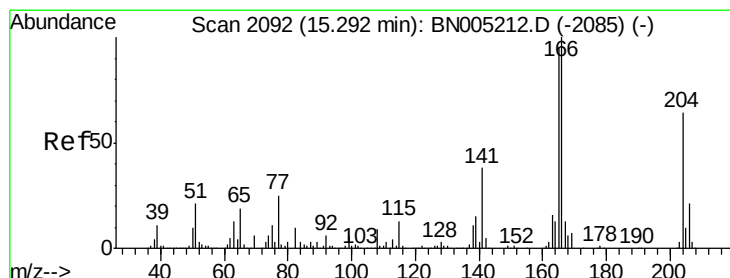
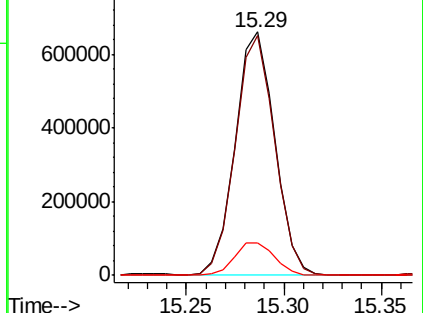
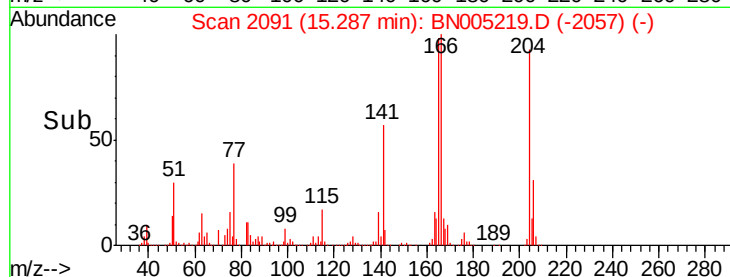
167 13.4 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

4-Chlorophenyl-phenylether

Concen: 11.912 ng/ul

RT: 15.29 min Scan# 2091

Delta R.T. -0.01 min

Lab File: BN005219.D

Acq: 23 Apr 2019 17:48

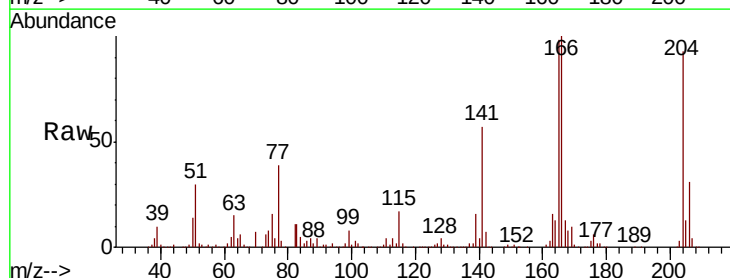
Tgt Ion:204 Resp: 845047

Ion Ratio Lower Upper

204 100

206 33.0 26.9 40.3

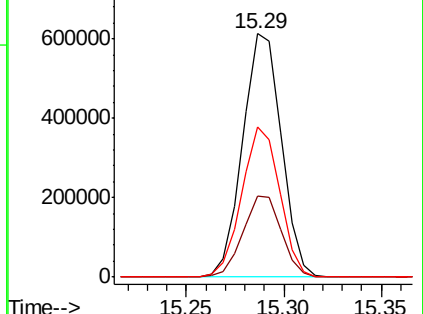
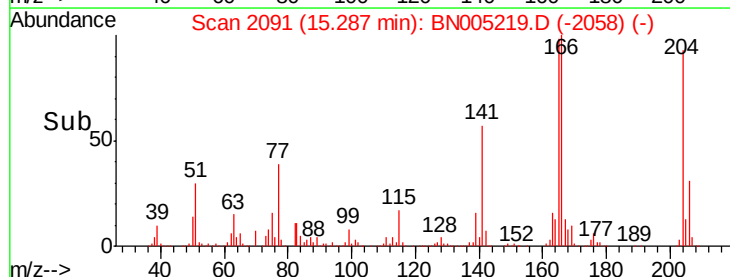
141 61.6 47.9 71.9

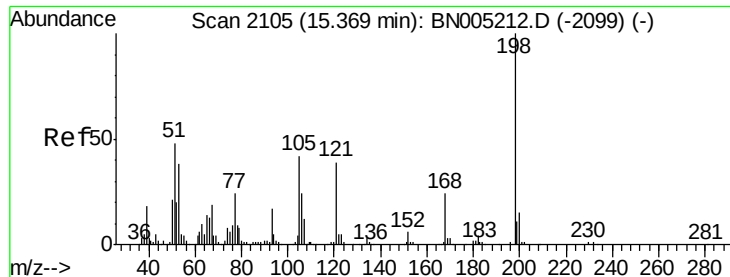


Abundance Ion 204.00 (203.70 to 204.70): E

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: 44.339 ng/ul

RT: 15.37 min Scan# 2105

Delta R.T. 0.01 min

Lab File: BN005219.D

Acq: 23 Apr 2019 17:48

Instrument :

BNA_N

ClientSampled :

A5111

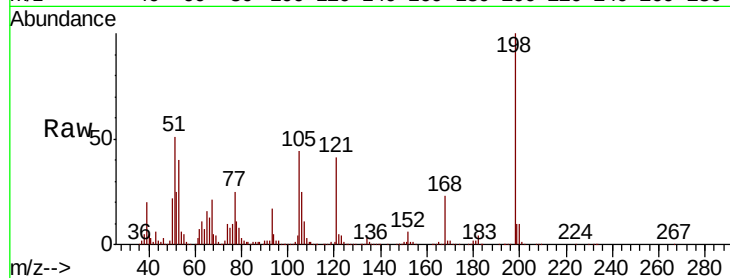
Tot Ion:198 Resp: 860301

Ion Ratio Lower Upper

198 100

182 3.6 3.0 4.6

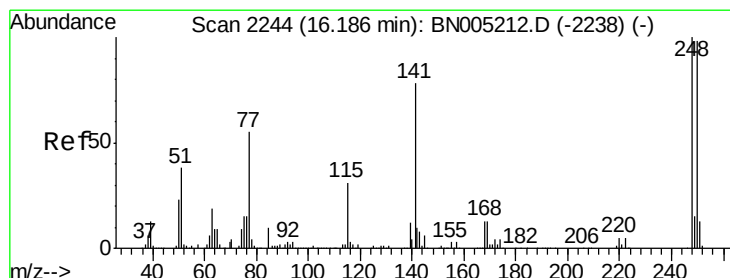
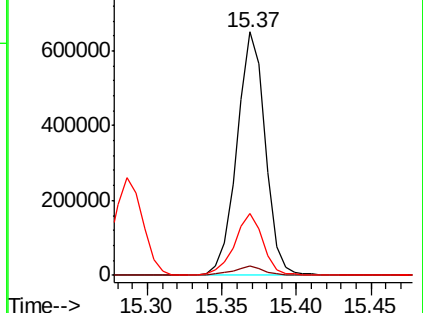
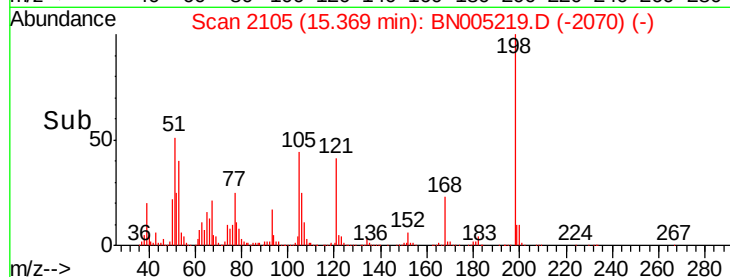
77 25.4 21.9 32.9



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): BNC



#65

4-Bromophenyl-phenylether

Concen: 15.337 ng/ul

RT: 16.19 min Scan# 2244

Delta R.T. 0.00 min

Lab File: BN005219.D

Acq: 23 Apr 2019 17:48

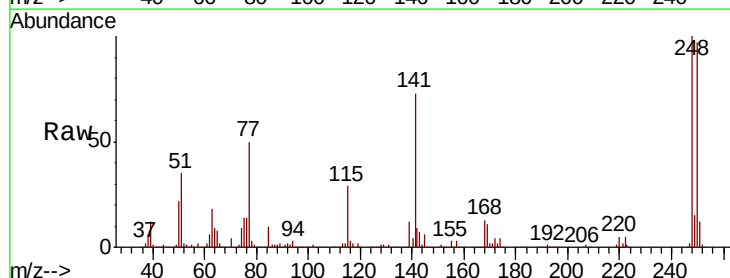
Tgt Ion:248 Resp: 626272

Ion Ratio Lower Upper

248 100

250 97.1 78.4 117.6

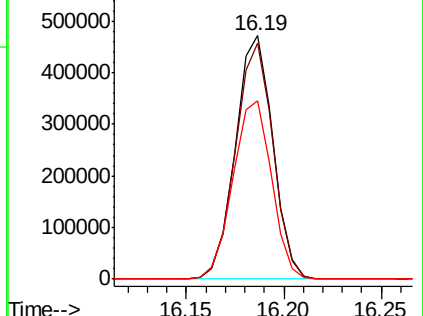
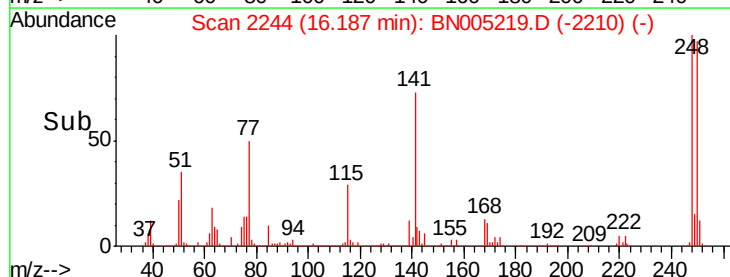
141 73.3 61.8 92.6

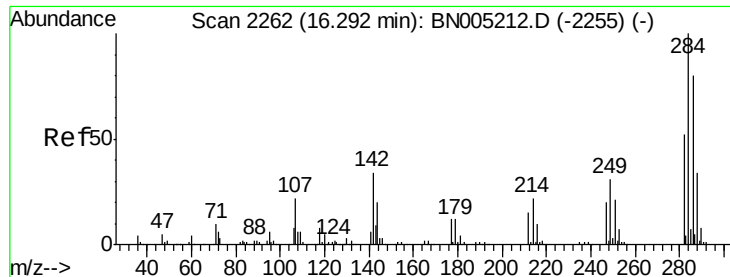


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

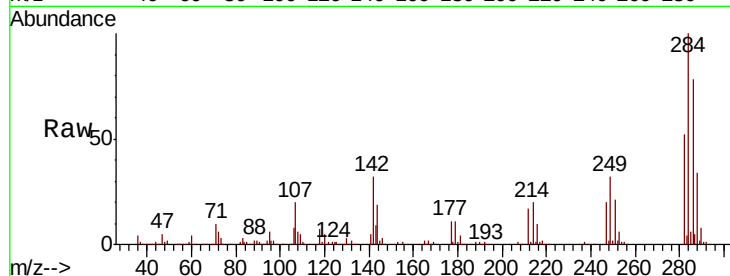




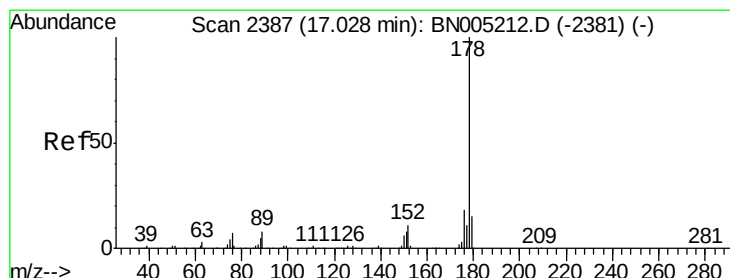
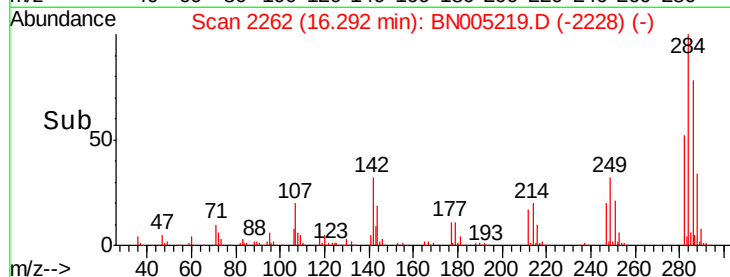
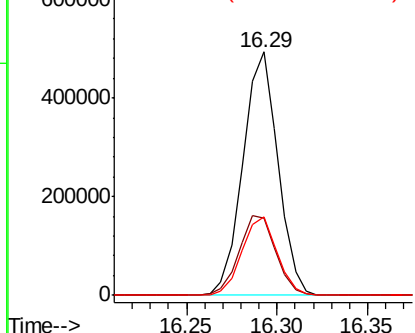
#66
Hexachlorobenzene
Concen: 15.222 ng/ul
RT: 16.29 min Scan# 2262
Delta R.T. 0.00 min
Lab File: BN005219.D
Acq: 23 Apr 2019 17:48

Instrument :
BNA_N
ClientSampleId :
A5111

Tot Ion	Ratio	Lower	Upper
284	100		
142	31.9	29.4	44.2
249	32.5	26.1	39.1

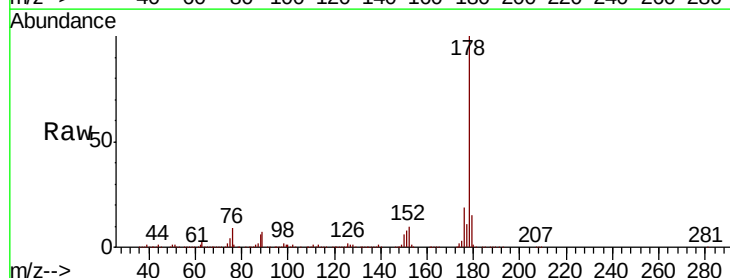


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

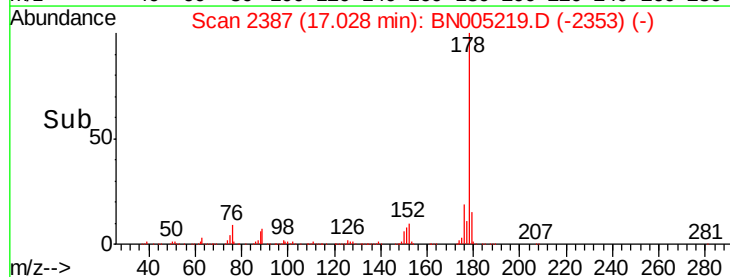
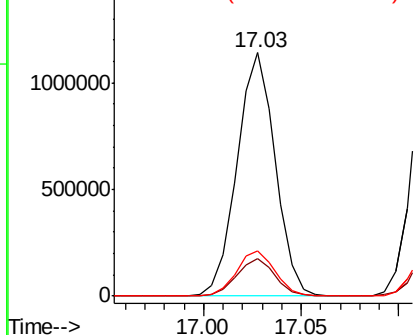


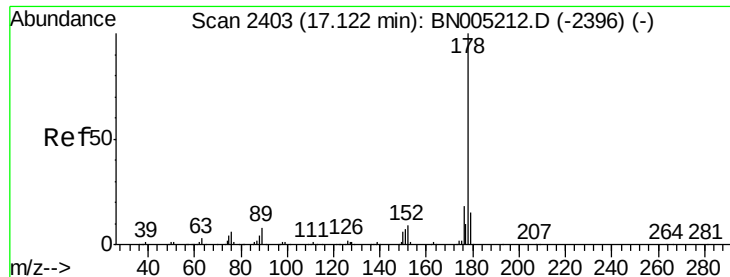
#69
Phenanthrene
Concen: 7.769 ng/ul
RT: 17.03 min Scan# 2387
Delta R.T. 0.00 min
Lab File: BN005219.D
Acq: 23 Apr 2019 17:48

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.4
176	18.8	15.1	22.7



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

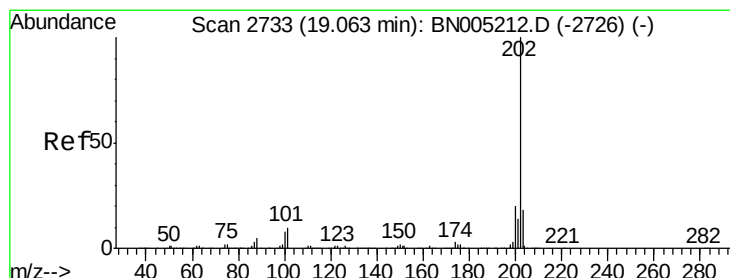
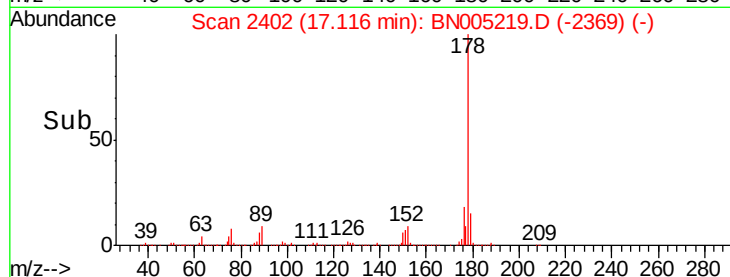
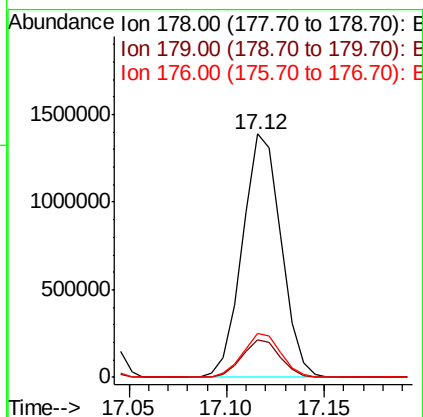
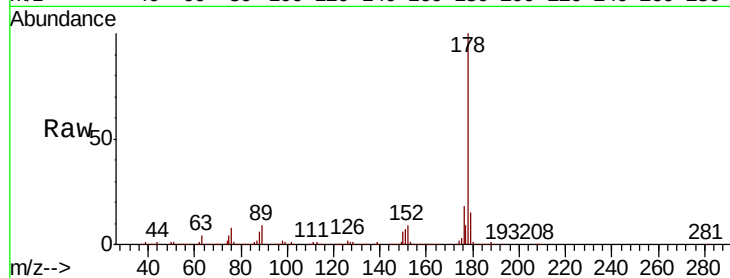




#71
 Anthracene
 Concen: 9.464 ng/ul
 RT: 17.12 min Scan# 2402
 Delta R.T. -0.01 min
 Lab File: BN005219.D
 Acq: 23 Apr 2019 17:48

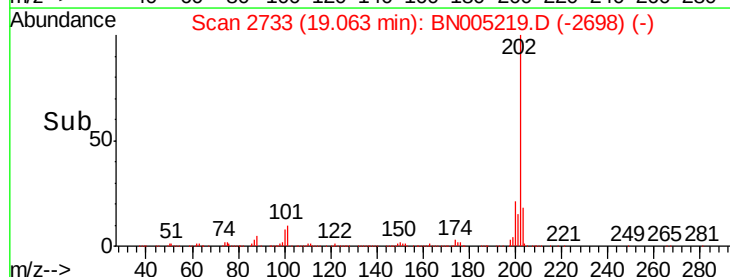
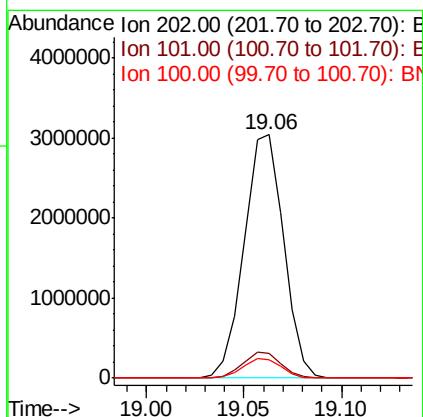
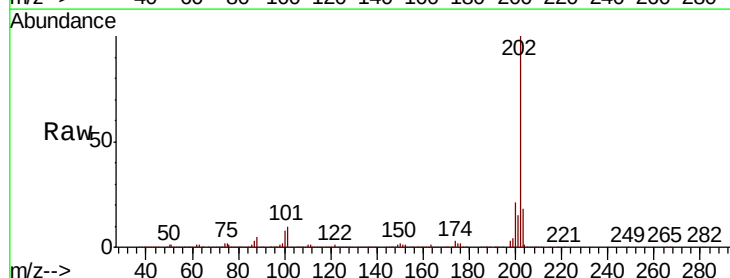
Instrument :
 BNA_N
 ClientSampleId :
 A5111

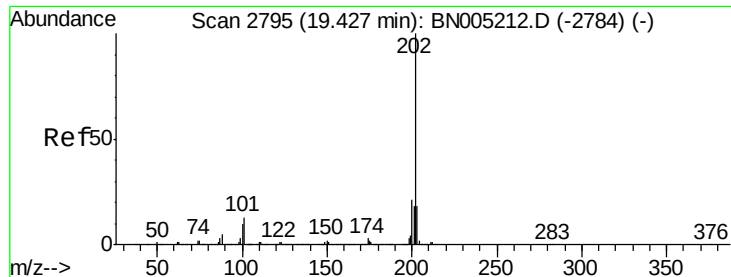
Tot Ion:178 Resp: 1903099
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.3 18.5
 176 18.1 15.1 22.7



#76
 Fluoranthene
 Concen: 19.484 ng/ul
 RT: 19.06 min Scan# 2733
 Delta R.T. 0.01 min
 Lab File: BN005219.D
 Acq: 23 Apr 2019 17:48

Tgt Ion:202 Resp: 4266284
 Ion Ratio Lower Upper
 202 100
 101 10.1 8.6 12.8
 100 7.8 6.3 9.5





#79

Pvrene

Concen: 7.203 ng/ul

RT: 19.43 min Scan# 2795

Delta R.T. 0.01 min

Lab File: BN005219.D

Acq: 23 Apr 2019 17:48

Instrument :

BNA_N

ClientSampleId :

A5111

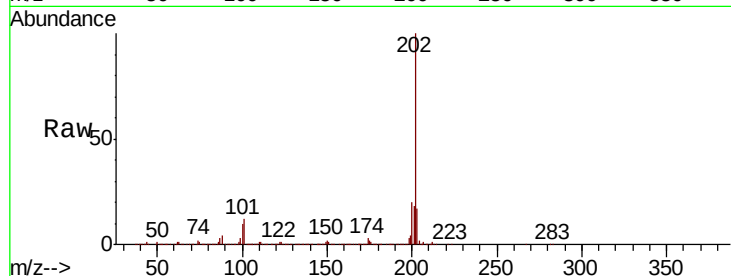
Tot Ion:202 Resp: 1804606

Ion Ratio Lower Upper

202 100

101 11.9 10.3 15.5

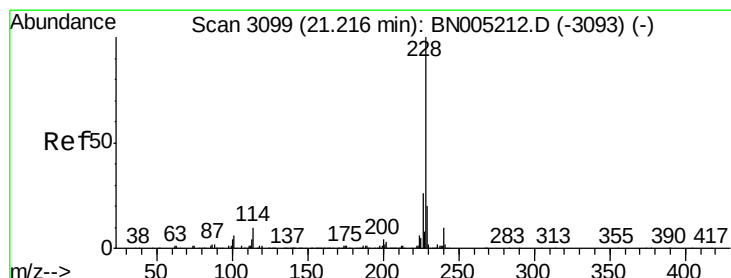
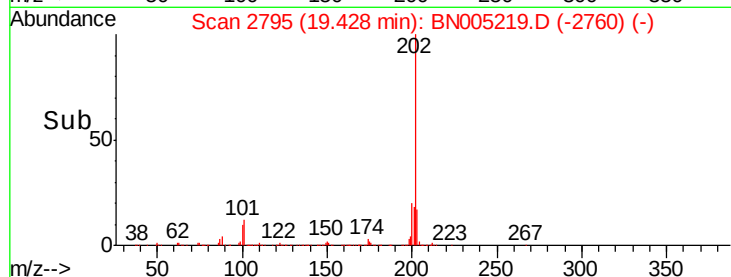
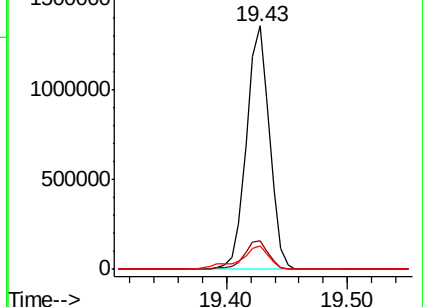
100 9.7 7.9 11.9



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



#82

Benzo(a)anthracene

Concen: 7.477 ng/ul

RT: 21.21 min Scan# 3098

Delta R.T. 0.01 min

Lab File: BN005219.D

Acq: 23 Apr 2019 17:48

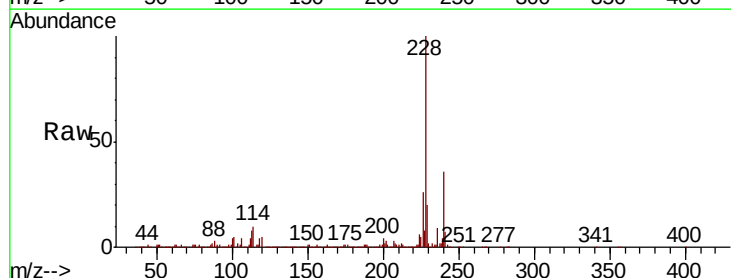
Tgt Ion:228 Resp: 1810037

Ion Ratio Lower Upper

228 100

229 20.0 15.8 23.6

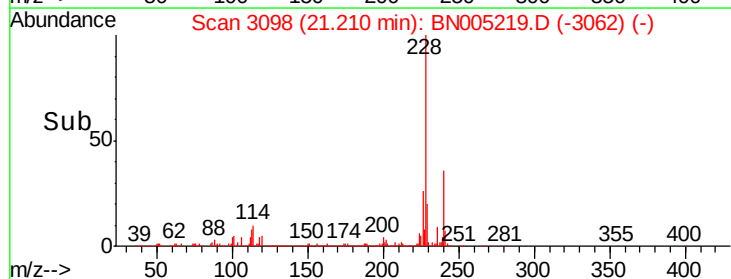
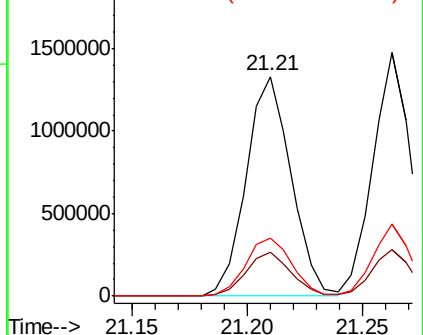
226 26.3 21.4 32.2

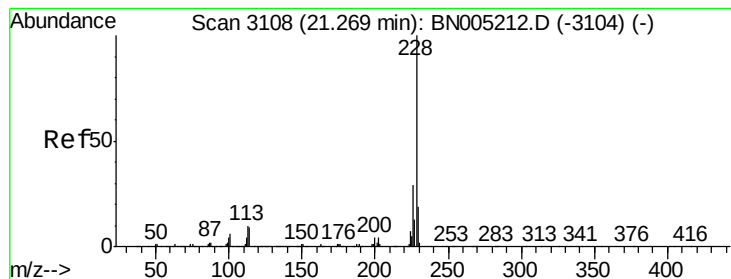


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 7.534 ng/ul

RT: 21.26 min Scan# 3107

Delta R.T. 0.01 min

Lab File: BN005219.D

Acq: 23 Apr 2019 17:48

Instrument :

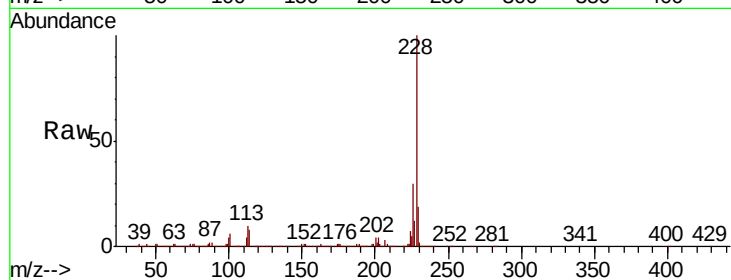
BNA_N

ClientSampleId :

A5111

Tot Ion:228 Resp: 1692649

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.0	36.0
229	19.3	15.4	23.0

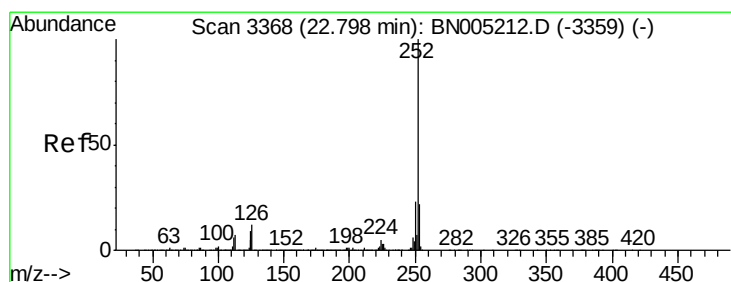
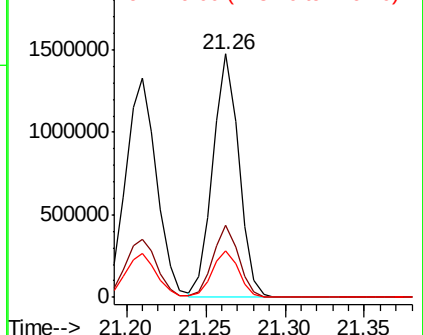
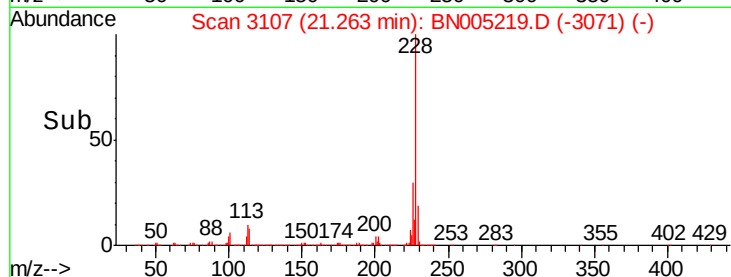


Abundance

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: 23.347 ng/ul

RT: 22.79 min Scan# 3367

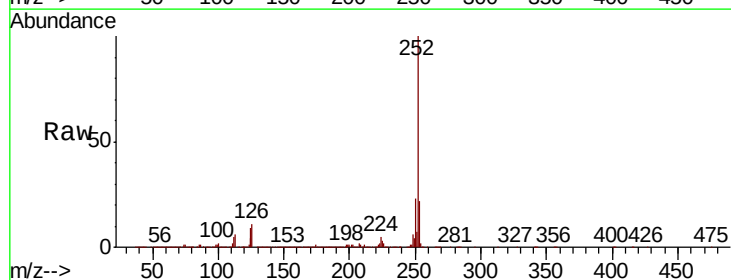
Delta R.T. 0.02 min

Lab File: BN005219.D

Acq: 23 Apr 2019 17:48

Tgt Ion:252 Resp: 5734701

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	8.6	8.4	12.6

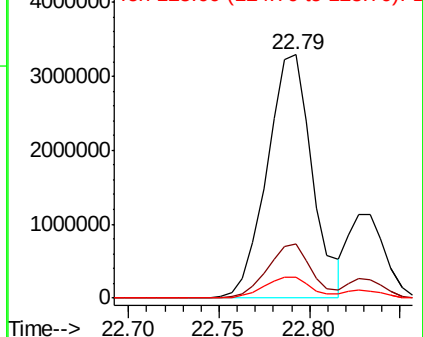
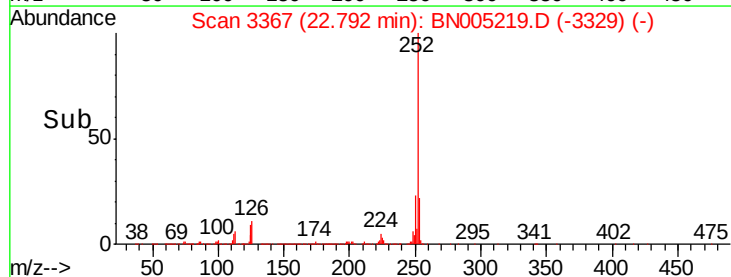


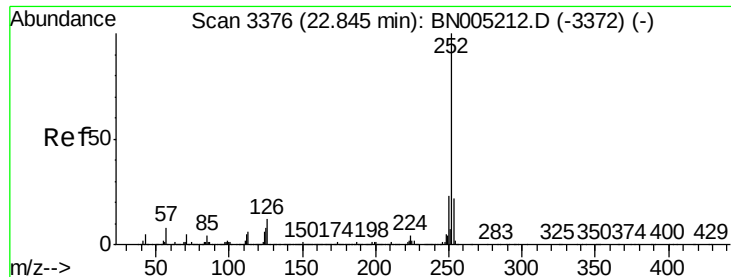
Abundance

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





#88

Benzo(k)fluoranthene

Concen: 6.787 ng/ul

RT: 22.83 min Scan# 3373

Delta R.T. 0.02 min

Lab File: BN005219.D

Acq: 23 Apr 2019 17:48

Instrument :

BNA_N

ClientSampleId :

A5111

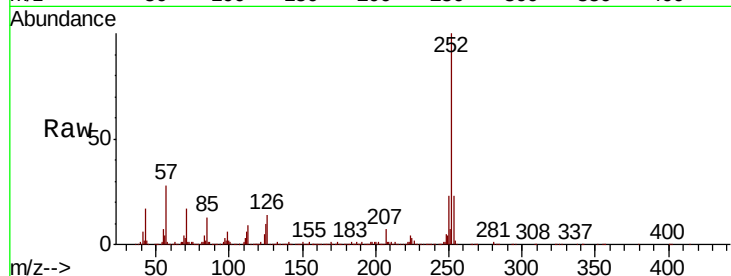
Tot Ion:252 Resp: 1592239

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	10.3	7.5	11.3

252 100

253 22.7 17.4 26.0

125 10.3 7.5 11.3

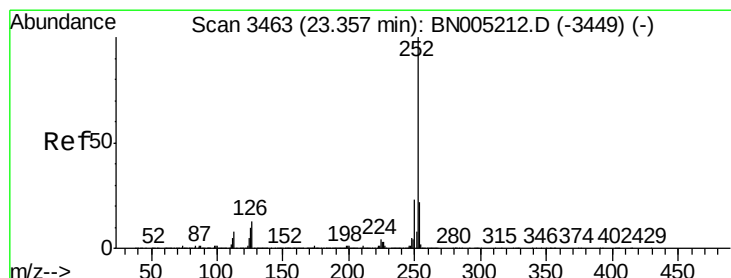
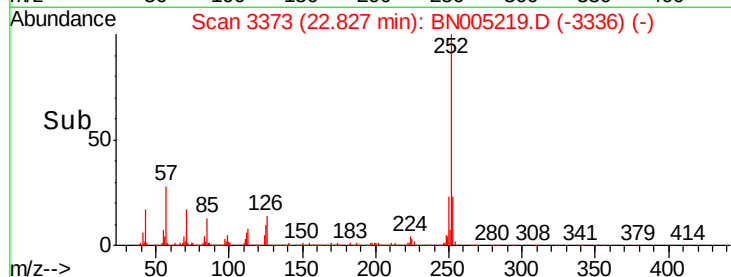
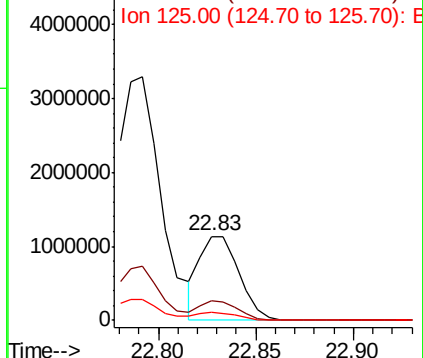


Abundance

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: 6.464 ng/ul

RT: 23.34 min Scan# 3461

Delta R.T. 0.02 min

Lab File: BN005219.D

Acq: 23 Apr 2019 17:48

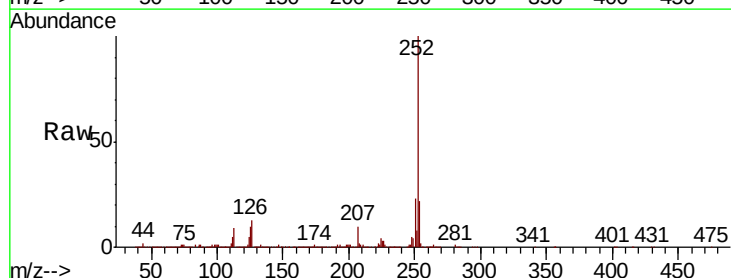
Tgt Ion:252 Resp: 1492286

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	10.3	8.6	13.0

252 100

253 21.8 17.3 25.9

125 10.3 8.6 13.0

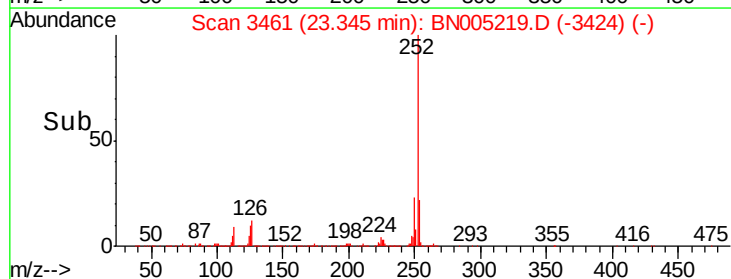
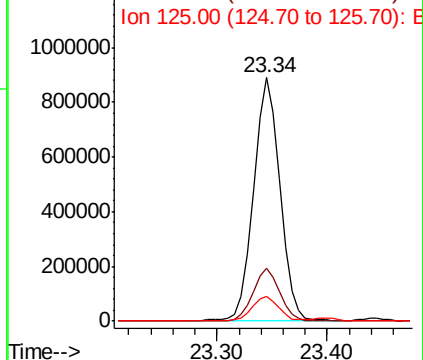


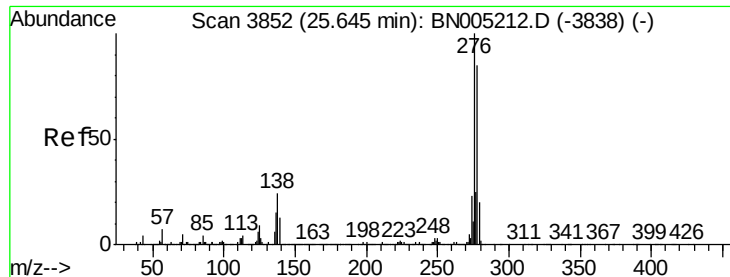
Abundance

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

Indeno(1,2,3-cd)pyrene

Concen: 8.452 ng/ul

RT: 25.62 min Scan# 3848

Delta R.T. 0.02 min

Lab File: BN005219.D

Acq: 23 Apr 2019 17:48

Instrument :

BNA_N

ClientSampleId :

A5111

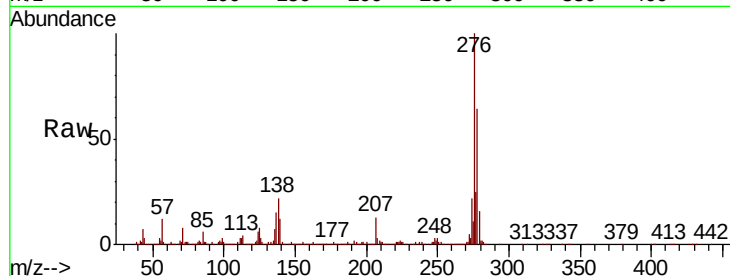
Tot Ion:276 Resp: 2157528

Ion Ratio Lower Upper

276 100

138 21.7 17.9 26.9

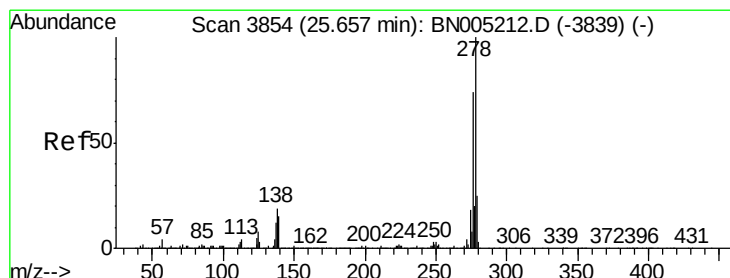
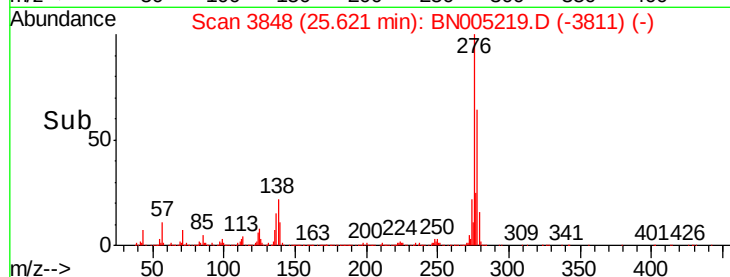
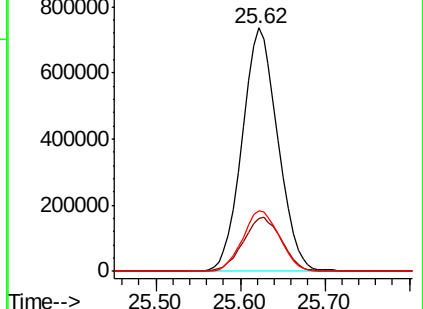
277 24.9 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#92

Dibenzo(a,h)anthracene

Concen: 10.008 ng/ul

RT: 25.64 min Scan# 3851

Delta R.T. 0.02 min

Lab File: BN005219.D

Acq: 23 Apr 2019 17:48

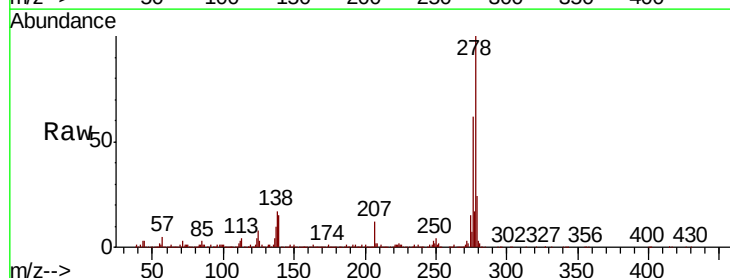
Tgt Ion:278 Resp: 2167930

Ion Ratio Lower Upper

278 100

139 14.7 13.1 19.7

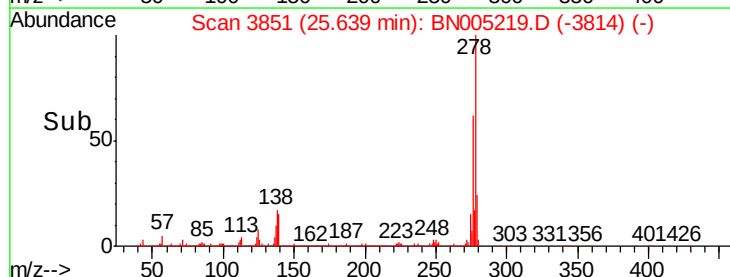
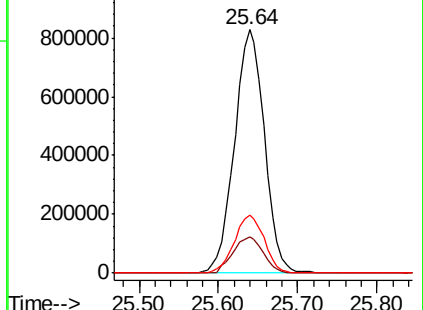
279 24.1 19.4 29.0

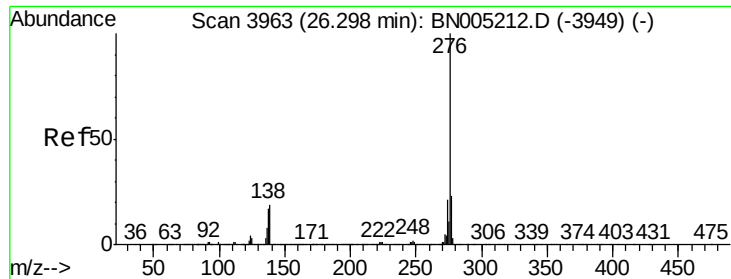


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#93

Benzo(a,h,i)perylene

Concen: 8.804 ng/ul

RT: 26.29 min Scan# 3961

Delta R.T. 0.02 min

Lab File: BN005219.D

Acq: 23 Apr 2019 17:48

Instrument :

BNA_N

ClientSampleId :

A5111

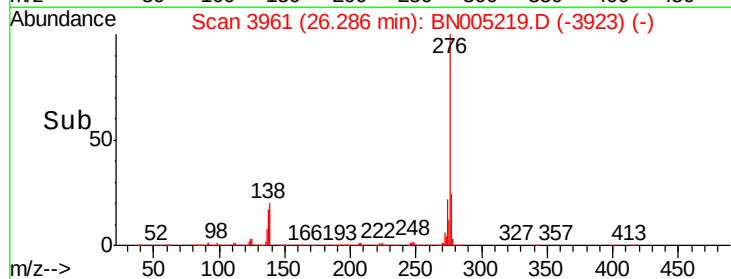
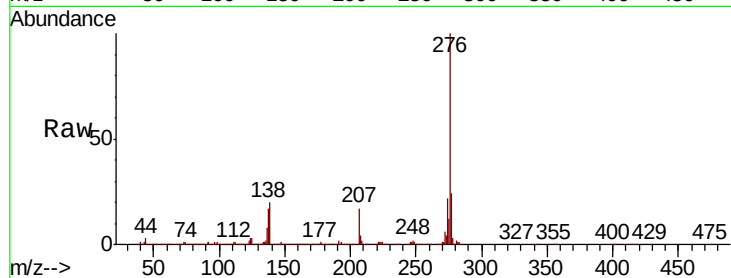
Tot Ion:276 Resp: 1858222

Ion Ratio Lower Upper

276 100

138 19.7 16.7 25.1

277 23.9 18.2 27.2



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

