

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
 Data File : BN008555.D
 Acq On : 14 Nov 2019 13:53
 Operator : JU
 Sample : K5656-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5458

Quant Time: Nov 14 14:26:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 14 10:03:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	326399	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1338389	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	853846	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	1801401	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1569449	20.00	ng/ul	0.00
85) Perylene-d12	23.39	264	1701649	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	37803	4.70	ng/uL	0.00
5) Phenol-d5	6.82	99	865574	30.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	518986	29.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	681775	30.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	683215	30.70	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	326859	35.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	367604	42.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	693207	31.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	66717	2.61	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	2054966	30.41	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	2350828	30.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	374153	35.72	ng/ul	0.01
57) Fluorene-d10	15.26	176	1719377	30.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	302461	43.98	ng/ul	0.00
70) Anthracene-d10	17.10	188	2612131	30.60	ng/ul	0.00
78) Pyrene-d10	19.40	212	2851955	31.82	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.25	264	2757159	31.20	ng/ul	0.01

Target Compounds

					Ovalue
6) Phenol	6.84	94	496950	16.808	ng/ul 98
8) Bis(2-Chloroethyl)ether	7.06	93	1110994	48.986	ng/ul 95
11) 2-Methylphenol	8.08	108	1112038	50.153	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.44	70	947032	50.400	ng/ul 96
16) 4-Methylphenol	8.40	108	1181557	49.329	ng/ul 86
17) Hexachloroethane	8.70	117	326392	33.831	ng/ul 98
21) Isophorone	9.34	82	1695662	32.024	ng/ul 99
24) 2,4-Dimethylphenol	9.59	107	975930	35.428	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.82	93	1204650	39.012	ng/ul 100
27) 2,4-Dichlorophenol	10.05	162	315407	14.863	ng/ul 94
28) Naphthalene	10.45	128	1469154	20.863	ng/ul 98
31) Hexachlorobutadiene	10.75	225	790759	55.176	ng/ul 97
32) Caprolactam	11.30	113	252019	35.704	ng/ul 95
36) 1,2,4,5-Tetrachlorobenzene	12.44	216	917427	35.241	ng/ul 96
37) Hexachlorocyclopentadiene	12.43	237	409227	26.500	ng/ul 98
39) 2,4,5-Trichlorophenol	12.76	196	680342	39.792	ng/ul 99
41) 2-Chloronaphthalene	13.12	162	893630	17.714	ng/ul 99
44) Dimethylphthalate	13.72	163	1124731	17.189	ng/ul 98
47) Acenaphthylene	13.97	152	1544374	19.845	ng/ul 99
48) 3-Nitroaniline	14.16	138	361690	35.254	ng/ul# 91
49) Acenaphthene	14.32	153	1576927	29.419	ng/ul 98
50) 2,4-Dinitrophenol	14.36	184	274747	60.783	ng/ul 95
53) Dibenzofuran	14.66	168	1313873	16.962	ng/ul 99

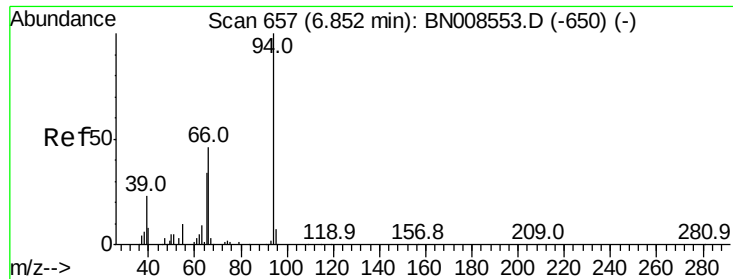
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) Fluorene	15.31	166	433519	7.078	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.32	204	881697	28.922	ng/ul	100
60) 4-Nitroaniline	15.33	138	638818	52.230	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.39	198	649638	84.568	ng/ul#	94
68) Pentachlorophenol	16.66	266	916648	81.268	ng/ul	97
71) Anthracene	17.14	178	2700606	27.085	ng/ul	98
74) Carbazole	17.40	167	3027033	33.975	ng/ul	99
76) Fluoranthene	19.06	202	1931159	17.229	ng/ul	98
80) Butylbenzylphthalate	20.36	149	1062427	25.591	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.16	149	1528723	22.461	ng/ul#	98
84) Chrysene	21.24	228	2850138	27.579	ng/ul	98
88) Benzo(k)fluoranthene	22.79	252	3514969	35.159	ng/ul	98
90) Benzo(a)pyrene	23.30	252	3300819	32.685	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.54	276	1598875	13.828	ng/ul#	93

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



#6

Phenol

Concen: 16.808 ng/ul

RT: 6.84 min Scan# 655

Delta R.T. 0.00 min

Lab File: BN008555.D

Acq: 14 Nov 2019 13:53

Instrument :

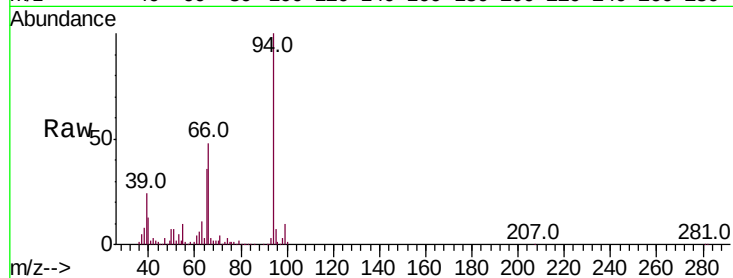
BNA_N

ClientSampleId :

A5458

Tot Ion: 94 Resp: 496950

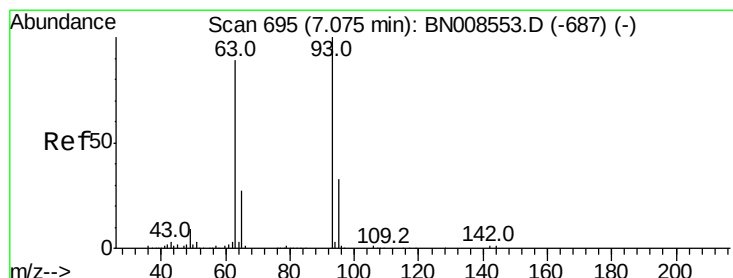
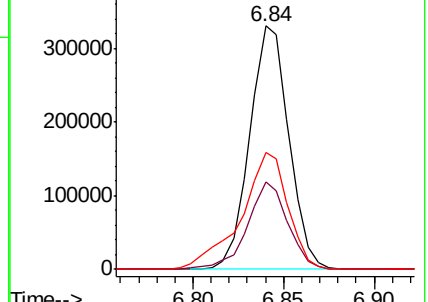
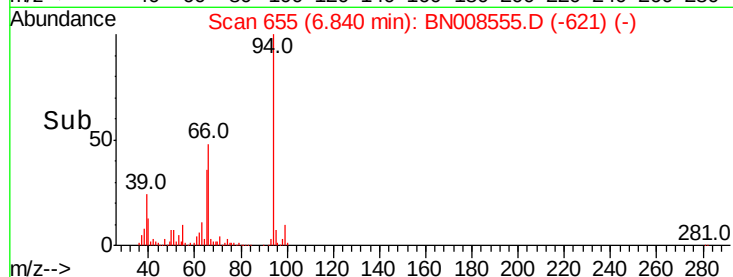
Ion	Ratio	Lower	Upper
94	100		
65	35.9	27.7	41.5
66	47.8	37.0	55.6



Abundance Ion 94.00 (93.70 to 94.70): BN0

Ion 65.00 (64.70 to 65.70): BN0

Ion 66.00 (65.70 to 66.70): BN0



#8

Bis(2-Chloroethyl)ether

Concen: 48.986 ng/ul

RT: 7.06 min Scan# 693

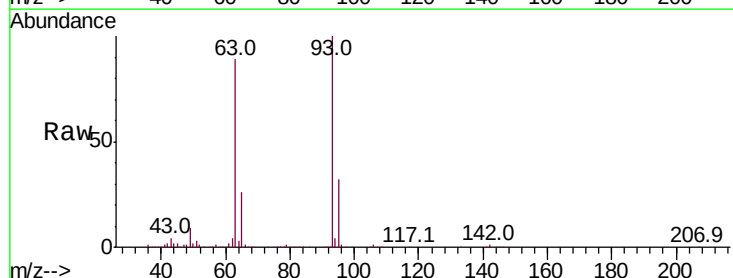
Delta R.T. -0.01 min

Lab File: BN008555.D

Acq: 14 Nov 2019 13:53

Tgt Ion: 93 Resp: 1110994

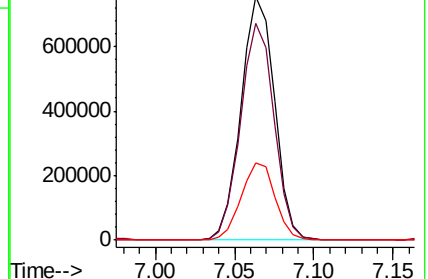
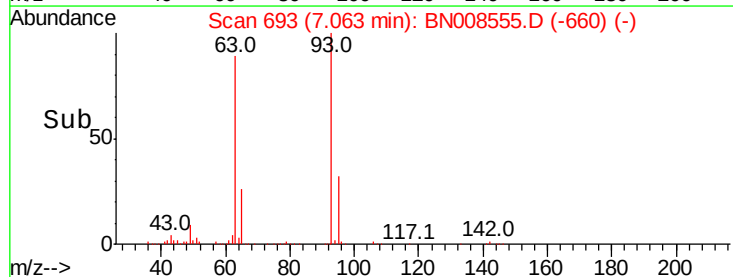
Ion	Ratio	Lower	Upper
93	100		
63	89.0	76.2	114.4
95	31.9	25.7	38.5

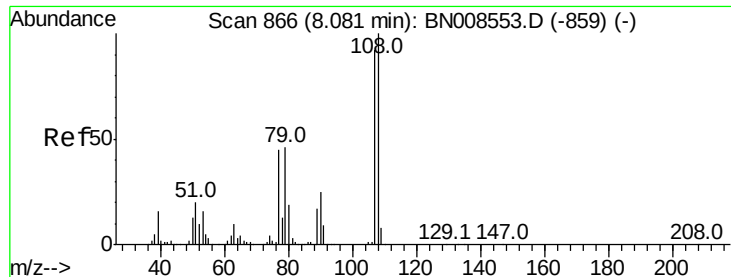


Abundance Ion 93.00 (92.70 to 93.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

Ion 95.00 (94.70 to 95.70): BN0

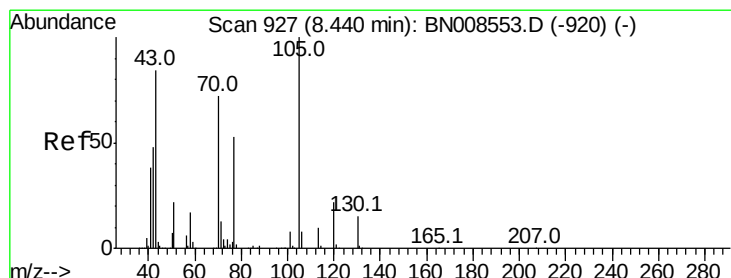
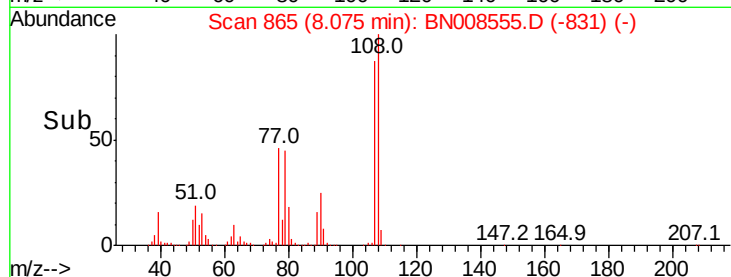
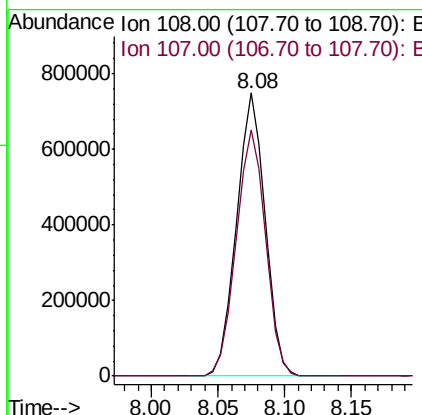
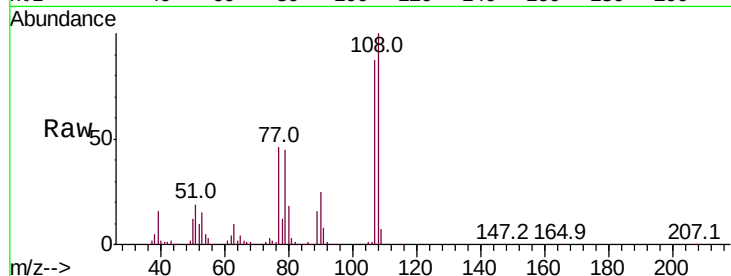




#11
2-Methylphenol
Concen: 50.153 ng/ul
RT: 8.08 min Scan# 865
Delta R.T. 0.00 min
Lab File: BN008555.D
Acq: 14 Nov 2019 13:53

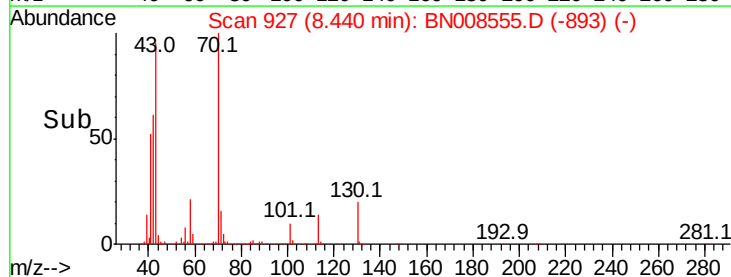
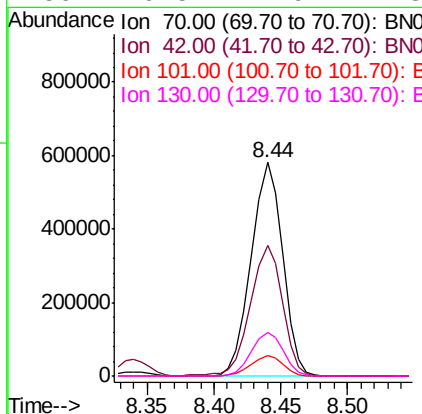
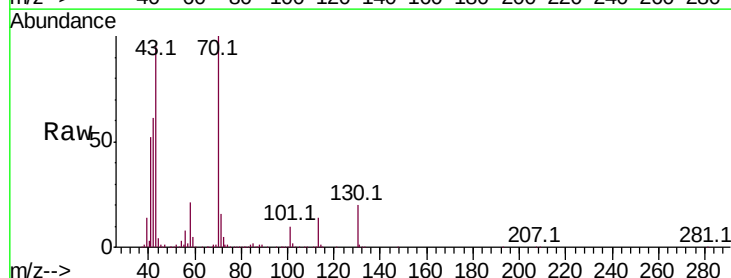
Instrument :
BNA_N
ClientSampleId :
A5458

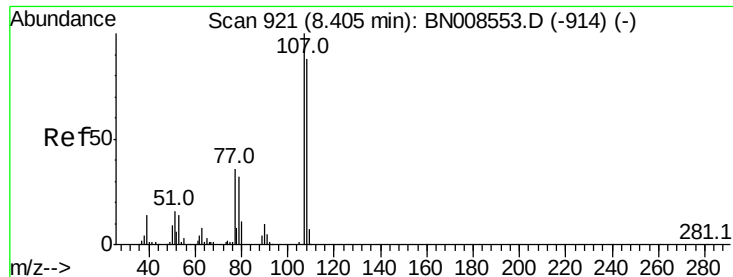
Tot Ion:108 Resp: 1112038
Ion Ratio Lower Upper
108 100
107 86.8 72.5 108.7



#15
N-Nitroso-di-n-propylamine
Concen: 50.400 ng/ul
RT: 8.44 min Scan# 927
Delta R.T. 0.00 min
Lab File: BN008555.D
Acq: 14 Nov 2019 13:53

Tgt Ion: 70 Resp: 947032
Ion Ratio Lower Upper
70 100
42 61.2 52.0 78.0
101 9.6 7.5 11.3
130 20.5 14.9 22.3





#16

4-Methylphenol

Concen: 49.329 ng/ul

RT: 8.40 min Scan# 920

Delta R.T. 0.00 min

Lab File: BN008555.D

Acq: 14 Nov 2019 13:53

Instrument :

BNA_N

ClientSampleId :

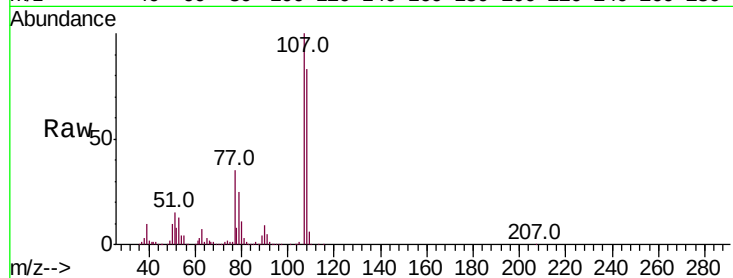
A5458

Tot Ion:108 Resp: 1181557

Ion Ratio Lower Upper

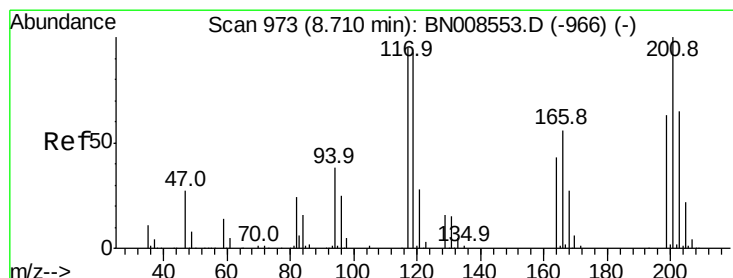
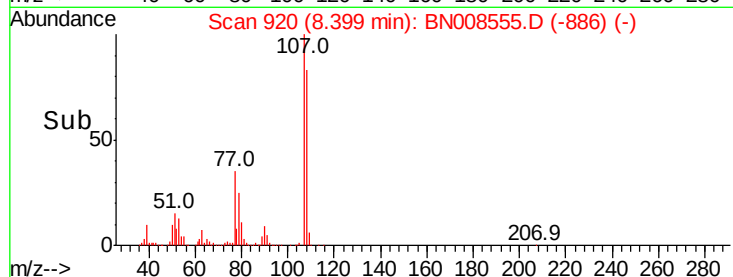
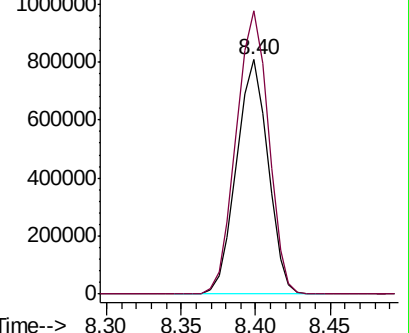
108 100

107 120.7 85.3 127.9



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#17

Hexachloroethane

Concen: 33.831 ng/ul

RT: 8.70 min Scan# 971

Delta R.T. -0.01 min

Lab File: BN008555.D

Acq: 14 Nov 2019 13:53

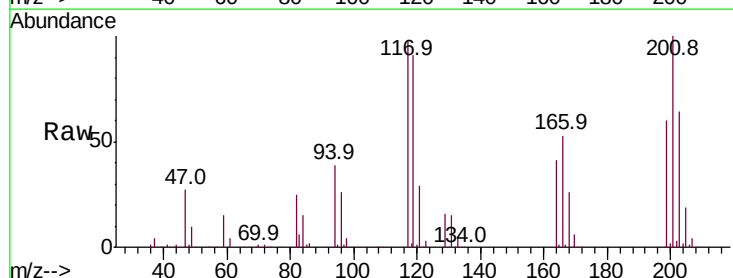
Tgt Ion:117 Resp: 326392

Ion Ratio Lower Upper

117 100

201 101.6 78.6 118.0

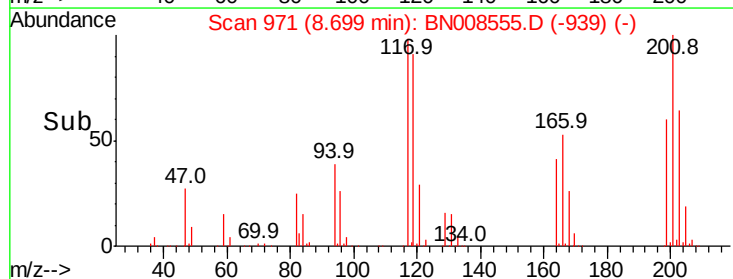
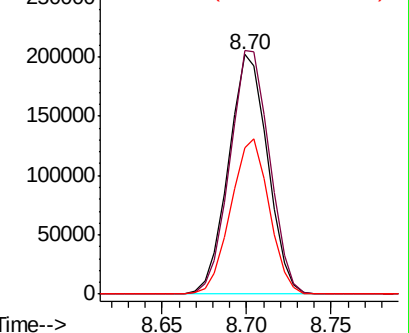
199 61.2 49.0 73.4

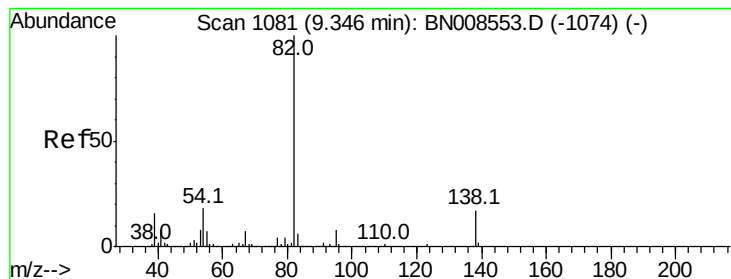


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E





#21

Isophorone

Concen: 32.024 ng/ul

RT: 9.34 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BN008555.D

Acq: 14 Nov 2019 13:53

Instrument :

BNA_N

ClientSampleId :

A5458

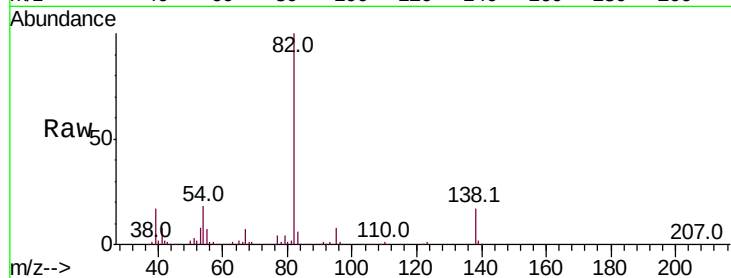
Tot Ion: 82 Resp: 1695662

Ion Ratio Lower Upper

82 100

95 8.1 6.4 9.6

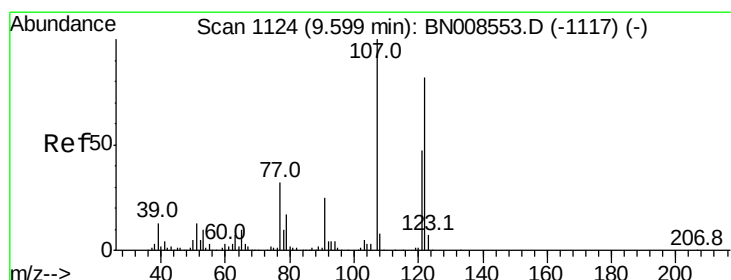
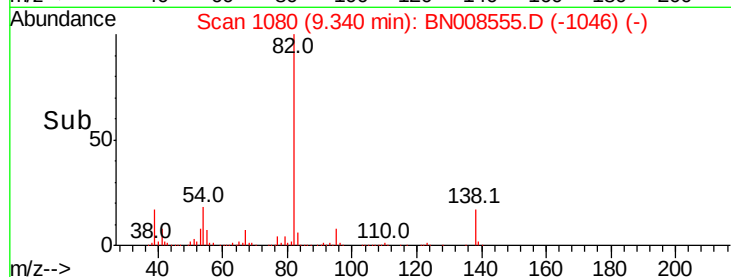
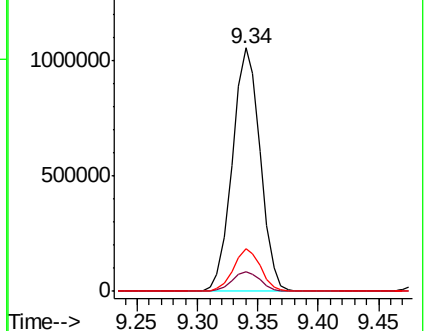
138 17.4 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BN008553.D (-1074) (-)

Ion 95.00 (94.70 to 95.70): BN008553.D (-1074) (-)

Ion 138.00 (137.70 to 138.70): BN008553.D (-1074) (-)



#24

2,4-Dimethylphenol

Concen: 35.428 ng/ul

RT: 9.59 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BN008555.D

Acq: 14 Nov 2019 13:53

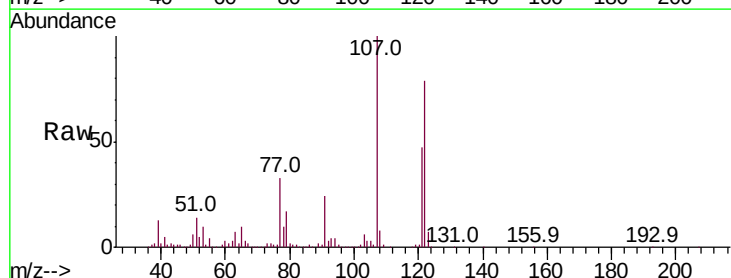
Tgt Ion:107 Resp: 975930

Ion Ratio Lower Upper

107 100

121 47.0 36.2 54.4

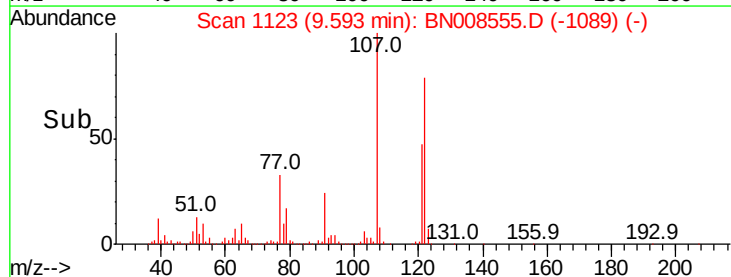
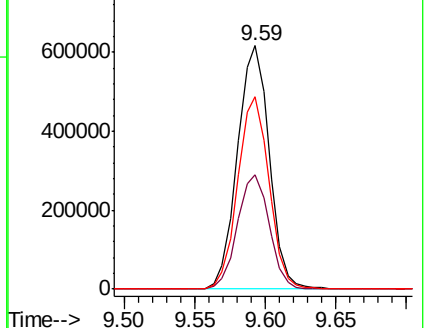
122 79.3 62.0 93.0

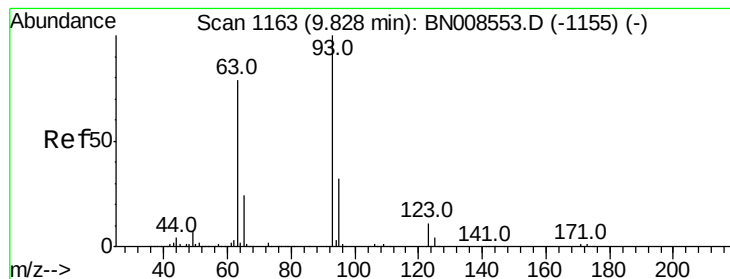


Abundance Ion 107.00 (106.70 to 107.70): BN008553.D (-1117) (-)

Ion 121.00 (120.70 to 121.70): BN008553.D (-1117) (-)

Ion 122.00 (121.70 to 122.70): BN008553.D (-1117) (-)





#25

Bis(2-Chloroethoxy)methane

Concen: 39.012 ng/ul

RT: 9.82 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BN008555.D

Acq: 14 Nov 2019 13:53

Instrument :

BNA_N

ClientSampleId :

A5458

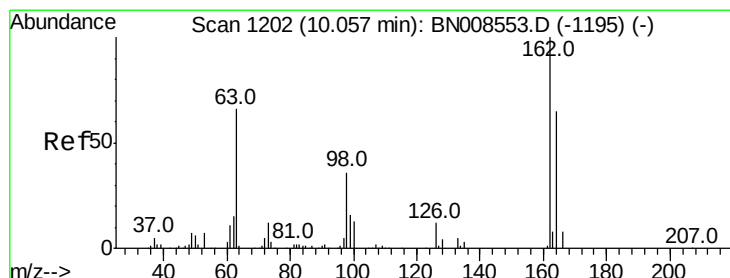
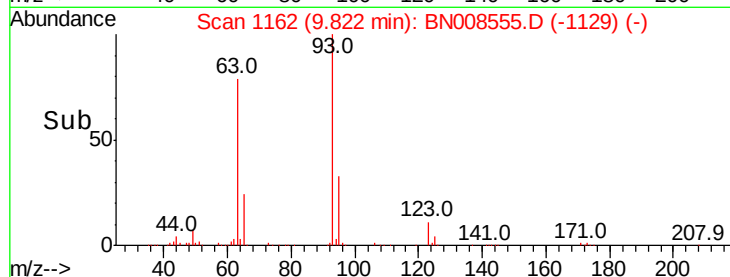
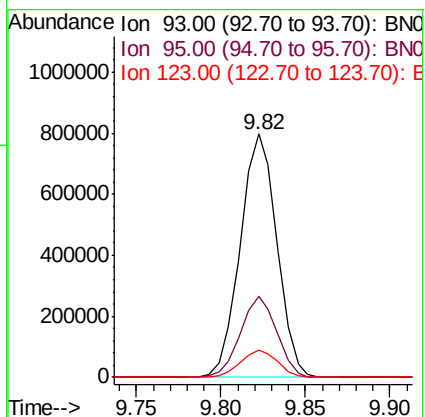
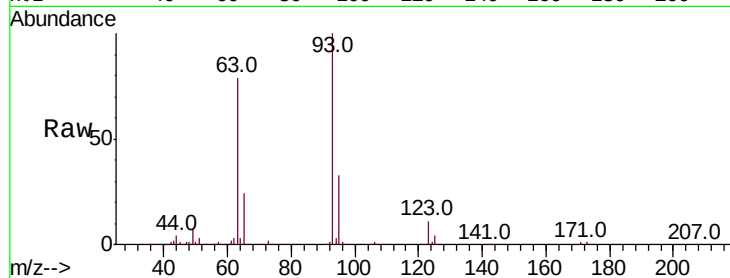
Tot Ion: 93 Resp: 1204650

Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.4	39.6
123	11.5	8.8	13.2

93 100

95 33.0 26.4 39.6

123 11.5 8.8 13.2



#27

2,4-Dichlorophenol

Concen: 14.863 ng/ul

RT: 10.05 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BN008555.D

Acq: 14 Nov 2019 13:53

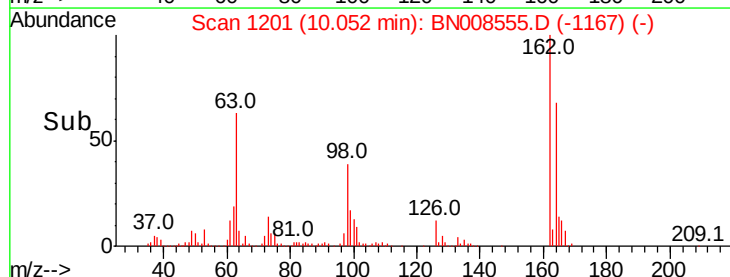
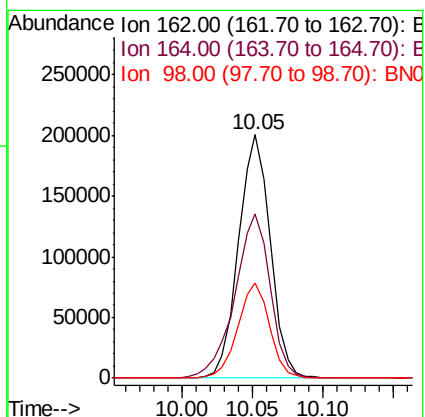
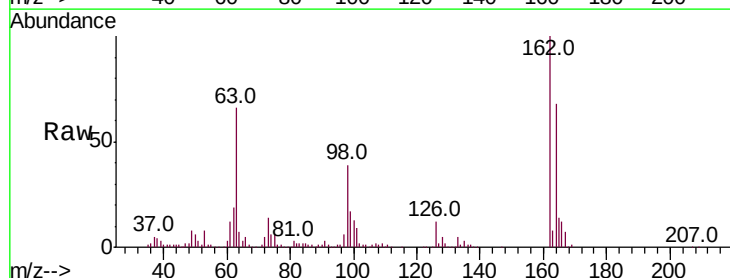
Tgt Ion:162 Resp: 315407

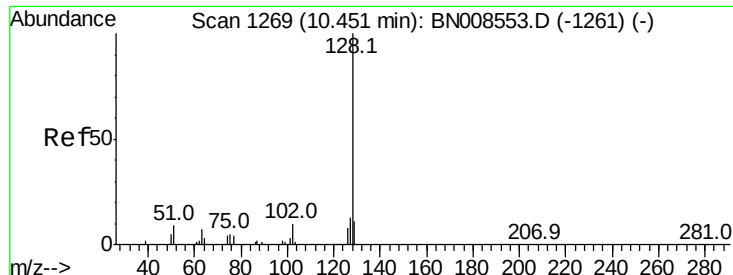
Ion	Ratio	Lower	Upper
162	100		
164	67.5	49.8	74.6
98	39.3	29.8	44.8

162 100

164 67.5 49.8 74.6

98 39.3 29.8 44.8





#28

Naphthalene

Concen: 20.863 ng/ul

RT: 10.45 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BN008555.D

Acq: 14 Nov 2019 13:53

Instrument :

BNA_N

ClientSampleId :

A5458

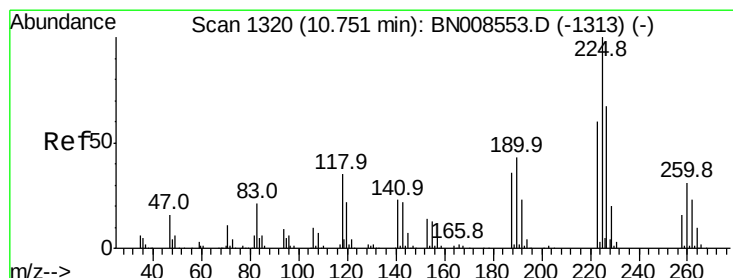
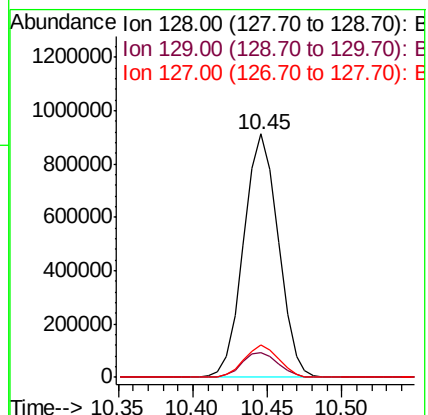
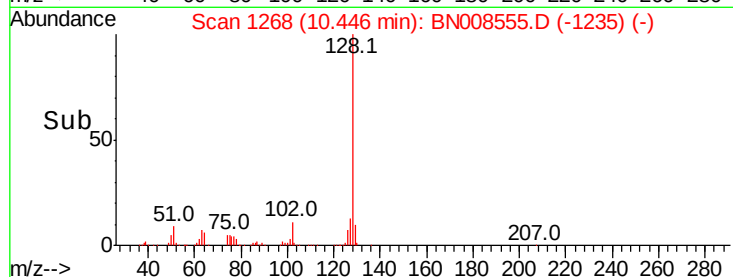
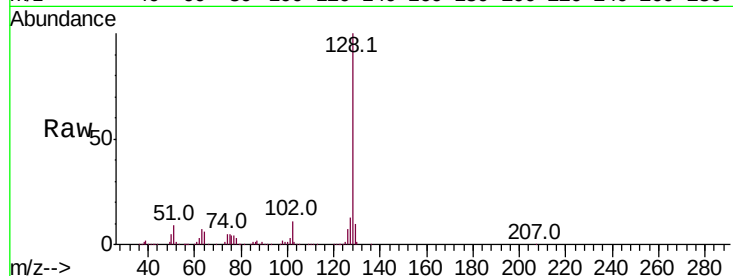
Tot Ion:128 Resp: 1469154

Ion Ratio Lower Upper

128 100

129 10.2 9.0 13.6

127 13.1 10.6 16.0



#31

Hexachlorobutadiene

Concen: 55.176 ng/ul

RT: 10.75 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BN008555.D

Acq: 14 Nov 2019 13:53

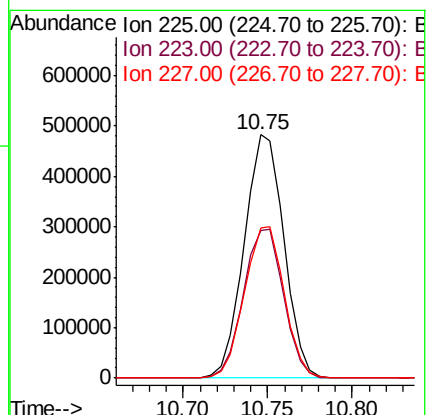
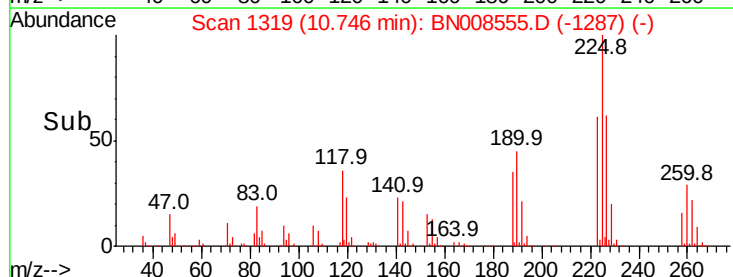
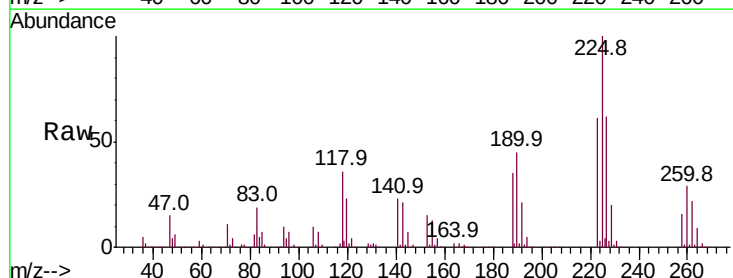
Tgt Ion:225 Resp: 790759

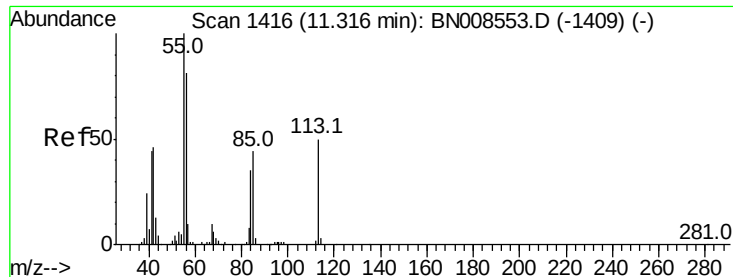
Ion Ratio Lower Upper

225 100

223 60.6 51.4 77.2

227 61.7 50.7 76.1





#32

Caprolactam

Concen: 35.704 ng/ul

RT: 11.30 min Scan# 1414

Delta R.T. 0.01 min

Lab File: BN008555.D

Acq: 14 Nov 2019 13:53

Instrument :

BNA_N

ClientSampled :

A5458

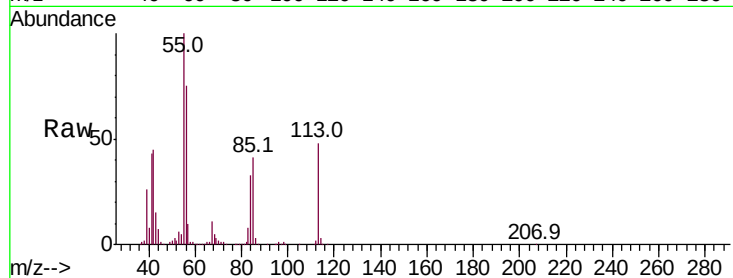
Tot Ion:113 Resp: 252019

Ion Ratio Lower Upper

113 100

55 208.4 163.8 245.8

56 157.0 133.5 200.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO

250000

200000

150000

100000

50000

0

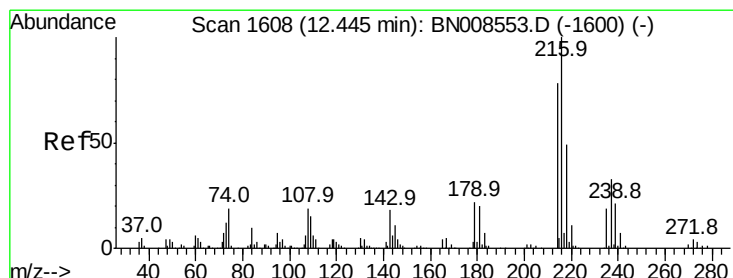
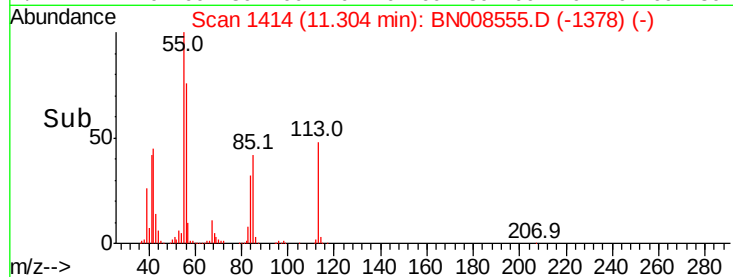
11.30

11.20

11.30

11.40

Time-->



#36

1,2,4,5-Tetrachlorobenzene

Concen: 35.241 ng/ul

RT: 12.44 min Scan# 1607

Delta R.T. 0.00 min

Lab File: BN008555.D

Acq: 14 Nov 2019 13:53

Tgt Ion:216 Resp: 917427

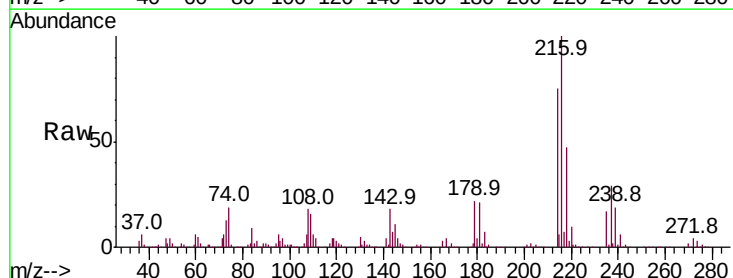
Ion Ratio Lower Upper

216 100

214 74.7 63.9 95.9

179 22.1 17.3 25.9

108 18.2 15.5 23.3



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

800000

600000

400000

200000

0

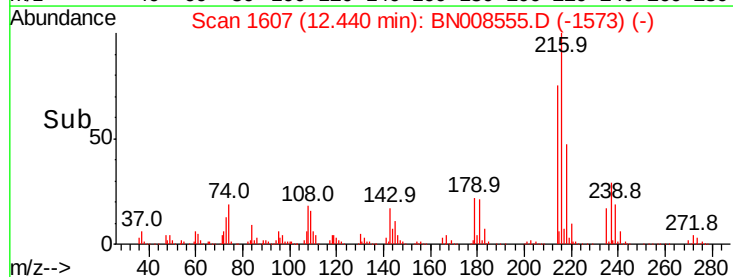
12.44

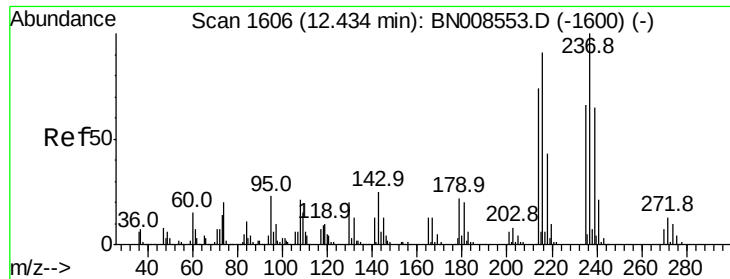
12.40

12.45

12.50

Time-->

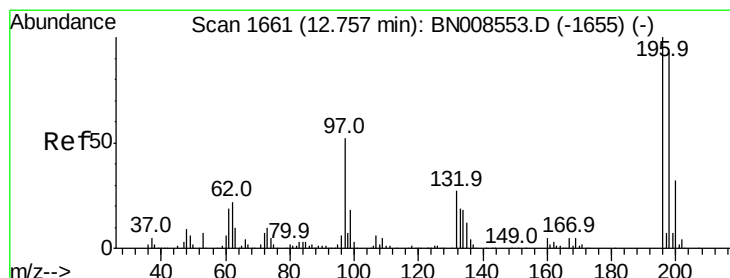
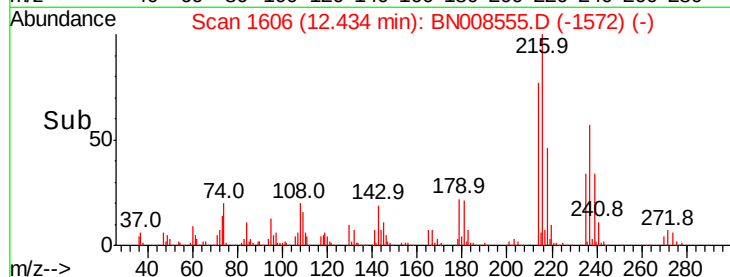
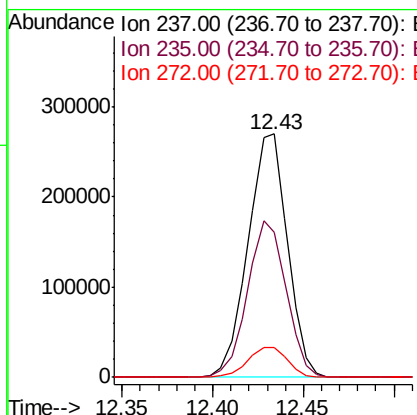
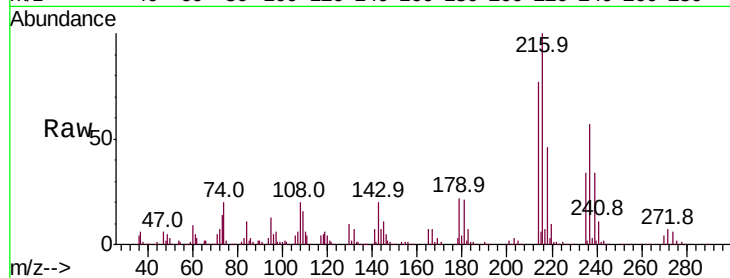




#37
 Hexachlorocyclopentadiene
 Concen: 26.500 ng/ul
 RT: 12.43 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BN008555.D
 Acq: 14 Nov 2019 13:53

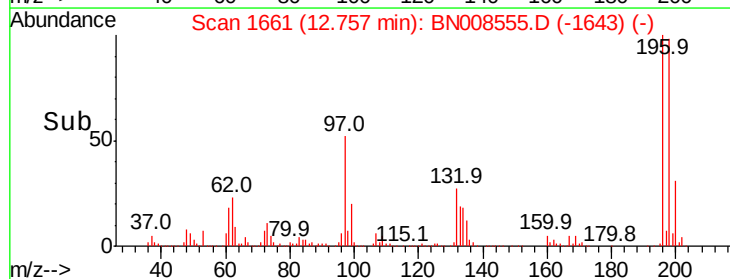
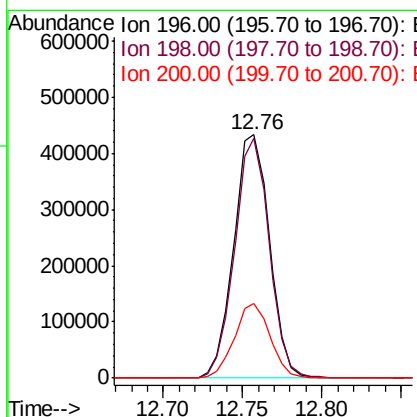
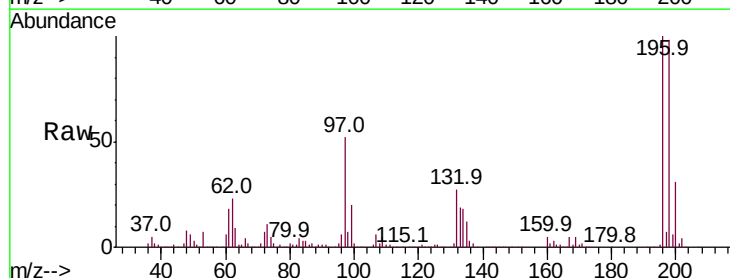
Instrument :
 BNA_N
 ClientSampleId :
 A5458

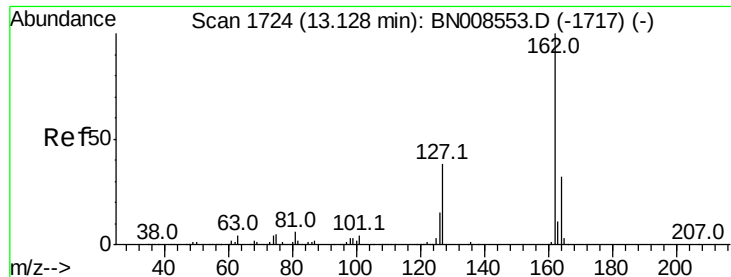
Tot Ion:237	Resp:	409227
Ion Ratio	Lower	Upper
237	100	
235	59.8	49.3 73.9
272	12.1	9.4 14.2



#39
 2,4,5-Trichlorophenol
 Concen: 39.792 ng/ul
 RT: 12.76 min Scan# 1661
 Delta R.T. 0.01 min
 Lab File: BN008555.D
 Acq: 14 Nov 2019 13:53

Tgt Ion:196	Resp:	680342
Ion Ratio	Lower	Upper
196	100	
198	98.4	77.5 116.3
200	30.9	24.6 36.8

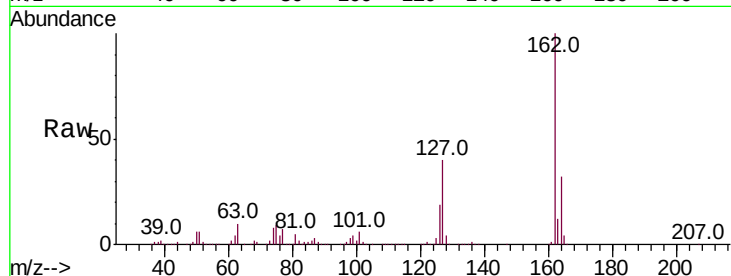




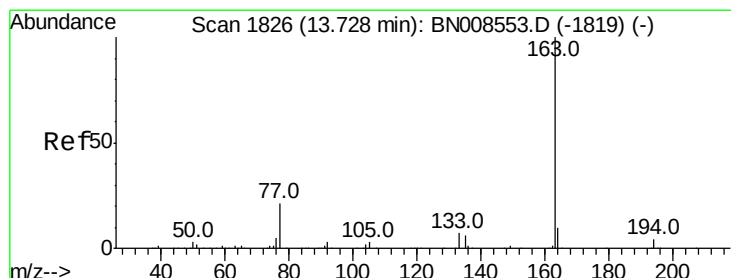
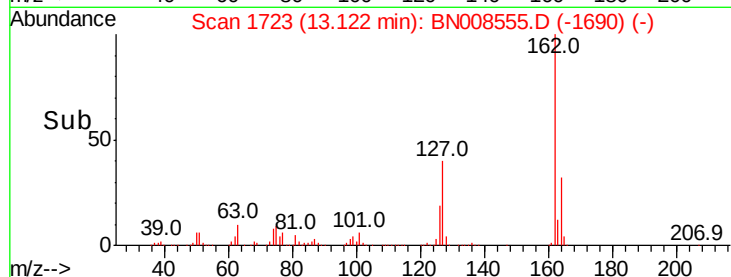
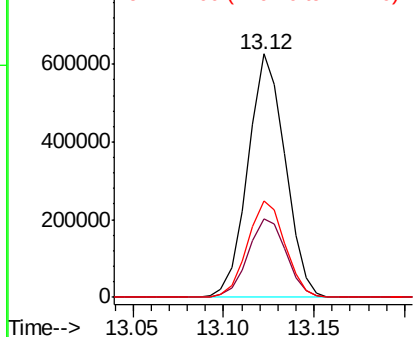
#41
2-Chloronaphthalene
Concen: 17.714 ng/ul
RT: 13.12 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BN008555.D
Acq: 14 Nov 2019 13:53

Instrument :
BNA_N
ClientSampleId :
A5458

Tot Ion:162 Resp: 893630
Ion Ratio Lower Upper
162 100
164 32.2 25.7 38.5
127 39.8 32.6 48.8

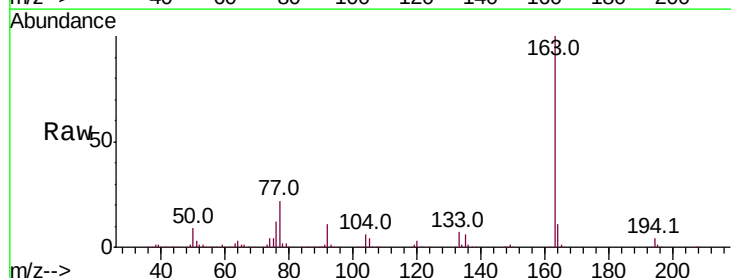


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 127.00 (126.70 to 127.70): E

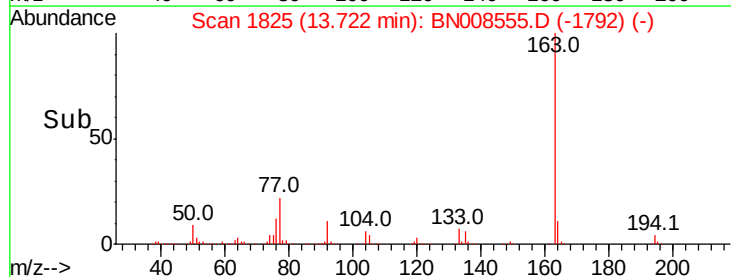
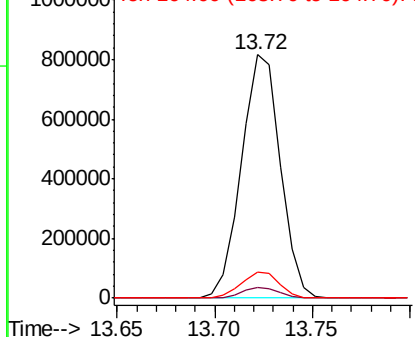


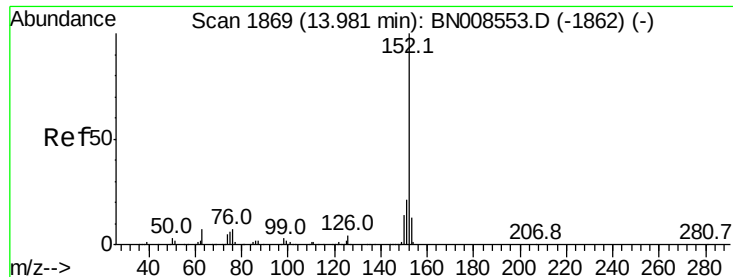
#44
Dimethylphthalate
Concen: 17.189 ng/ul
RT: 13.72 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BN008555.D
Acq: 14 Nov 2019 13:53

Tgt Ion:163 Resp: 1124731
Ion Ratio Lower Upper
163 100
194 4.3 3.6 5.4
164 10.8 8.1 12.1



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





#47

Acenaphthylene

Concen: 19.845 ng/ul

RT: 13.97 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BN008555.D

Acq: 14 Nov 2019 13:53

Instrument :

BNA_N

ClientSampleId :

A5458

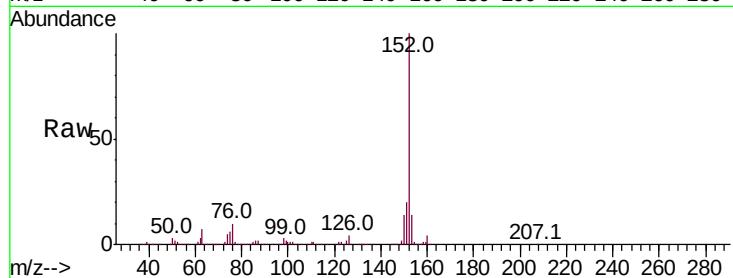
Tot Ion:152 Resp: 1544374

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

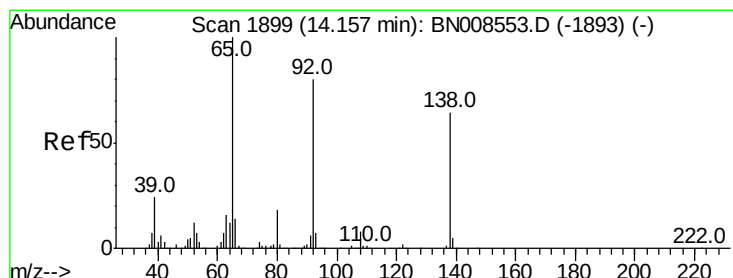
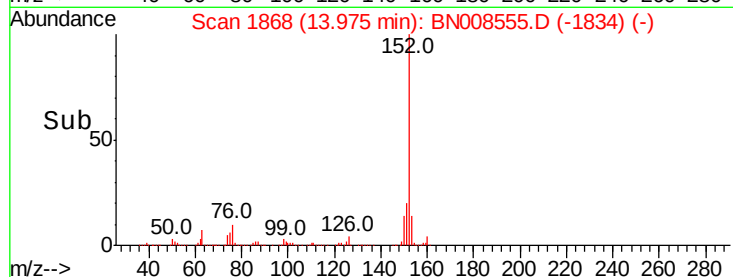
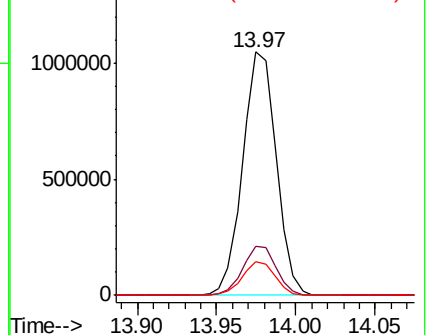
153 13.8 10.5 15.7



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



#48

3-Nitroaniline

Concen: 35.254 ng/ul

RT: 14.16 min Scan# 1899

Delta R.T. 0.01 min

Lab File: BN008555.D

Acq: 14 Nov 2019 13:53

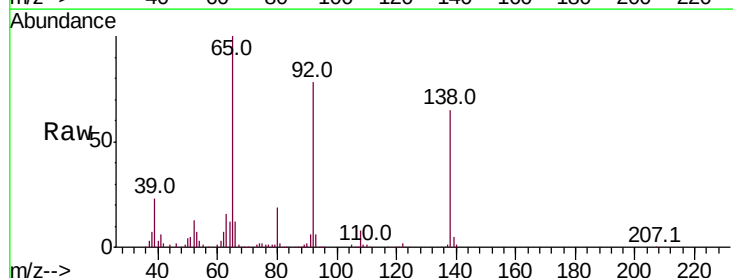
Tgt Ion:138 Resp: 361690

Ion Ratio Lower Upper

138 100

108 11.8 16.7 25.1#

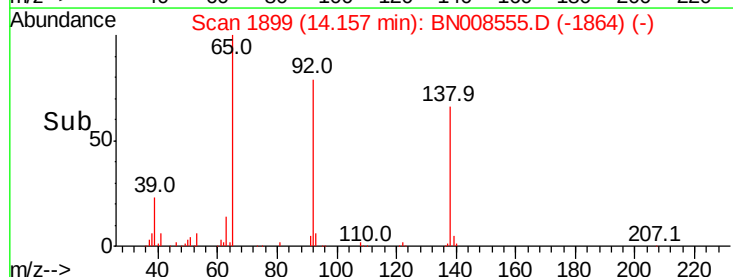
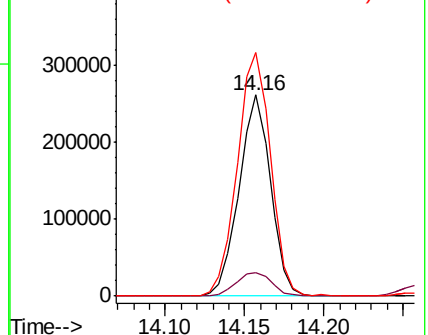
92 121.0 103.7 155.5

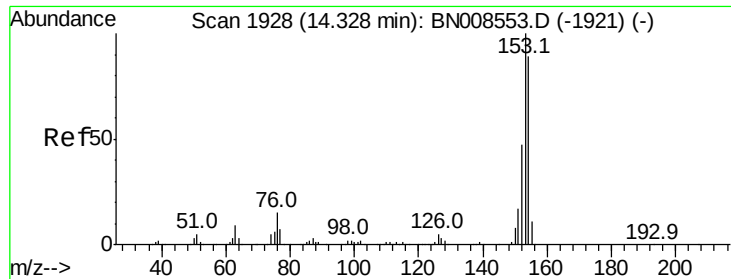


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNO





#49

Acenaphthene

Concen: 29.419 ng/ul

RT: 14.32 min Scan# 1927

Delta R.T. 0.00 min

Lab File: BN008555.D

Acq: 14 Nov 2019 13:53

Instrument :

BNA_N

ClientSampled :

A5458

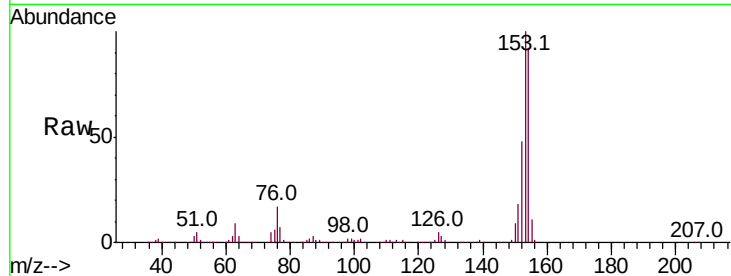
Tot Ion:153 Resp: 1576927

Ion Ratio Lower Upper

153 100

152 47.7 38.7 58.1

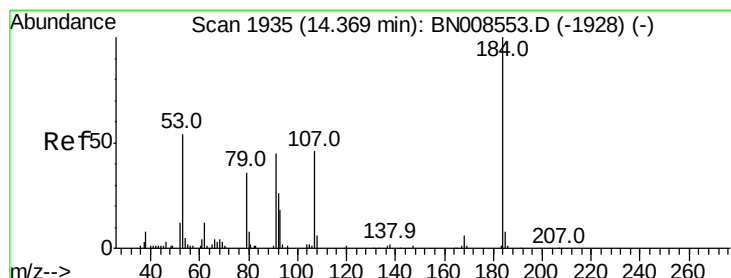
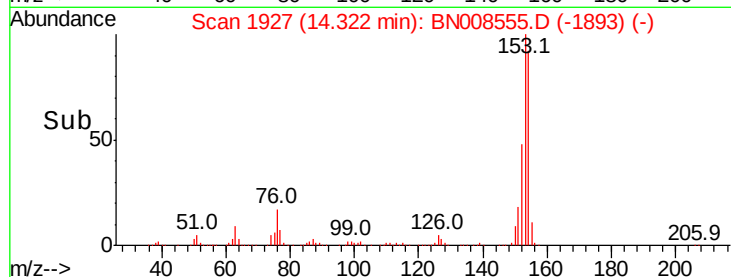
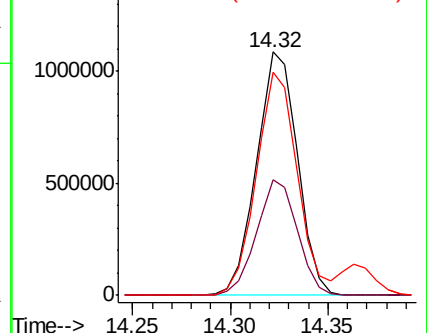
154 91.7 71.3 106.9



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



#50

2,4-Dinitrophenol

Concen: 60.783 ng/ul

RT: 14.36 min Scan# 1934

Delta R.T. 0.01 min

Lab File: BN008555.D

Acq: 14 Nov 2019 13:53

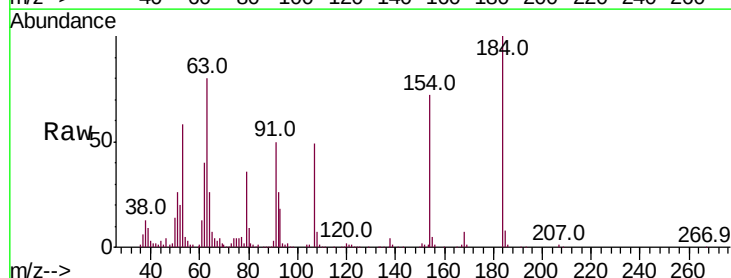
Tgt Ion:184 Resp: 274747

Ion Ratio Lower Upper

184 100

63 79.5 64.0 96.0

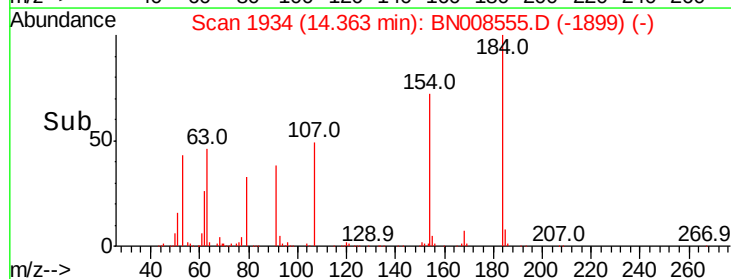
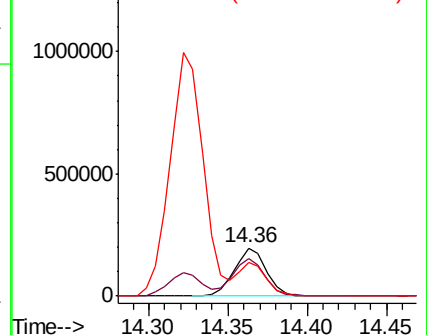
154 71.6 50.6 76.0

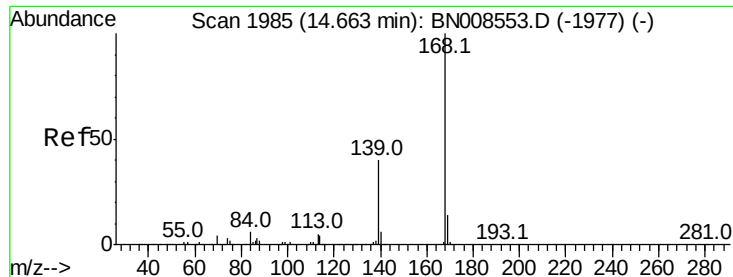


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BN0

Ion 154.00 (153.70 to 154.70): E





#53

Dibenzenofuran

Concen: 16.962 ng/ul

RT: 14.66 min Scan# 1985

Delta R.T. 0.00 min

Lab File: BN008555.D

Acq: 14 Nov 2019 13:53

Instrument :

BNA_N

ClientSampleId :

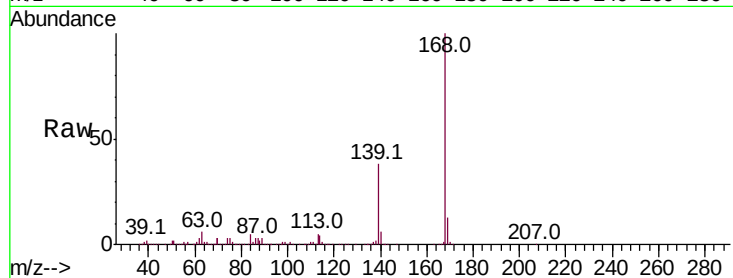
A5458

Tot Ion:168 Resp: 1313873

Ion Ratio Lower Upper

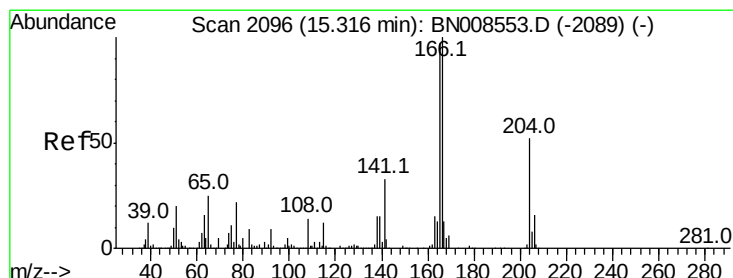
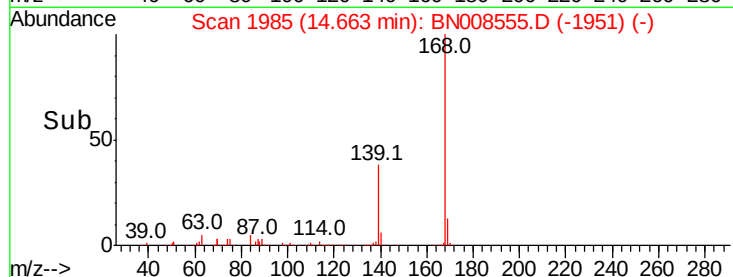
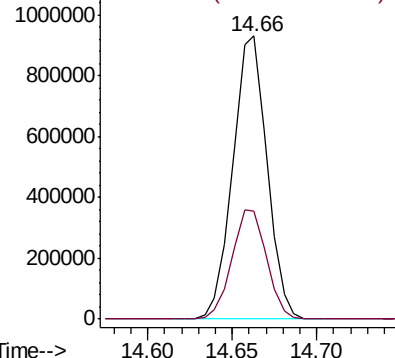
168 100

139 38.4 30.3 45.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#58

Fluorene

Concen: 7.078 ng/ul

RT: 15.31 min Scan# 2095

Delta R.T. 0.00 min

Lab File: BN008555.D

Acq: 14 Nov 2019 13:53

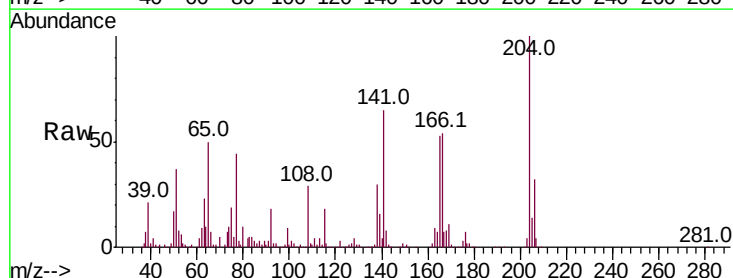
Tgt Ion:166 Resp: 433519

Ion Ratio Lower Upper

166 100

165 98.9 79.0 118.6

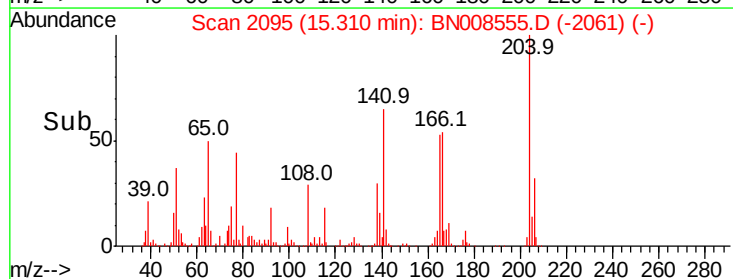
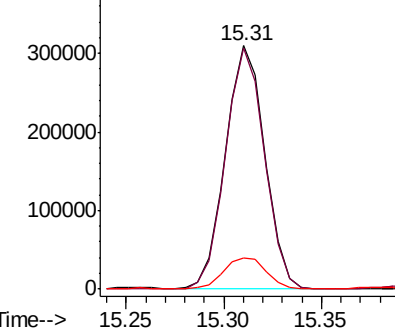
167 12.9 10.6 15.8

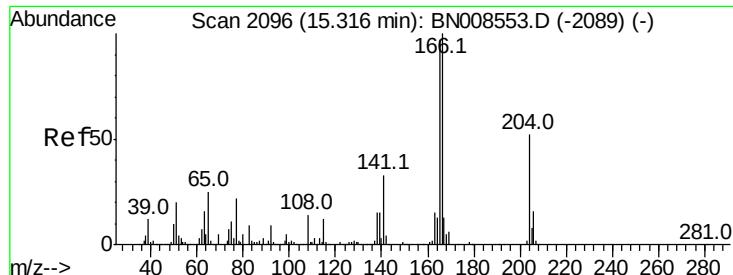


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

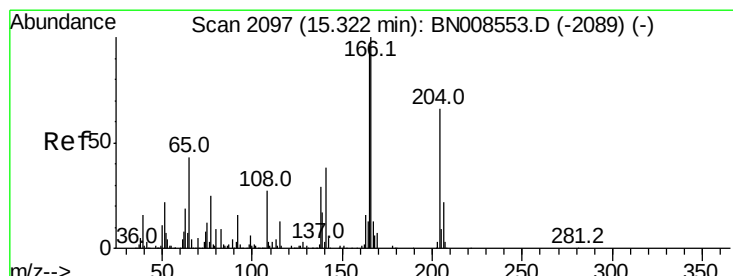
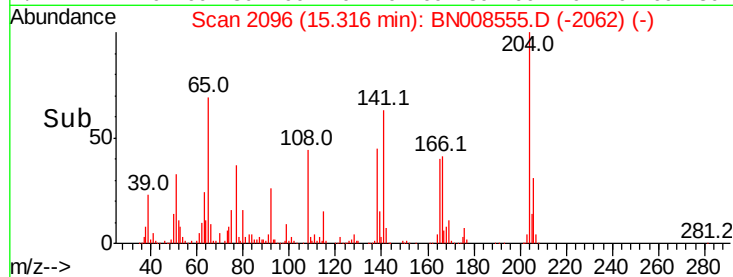
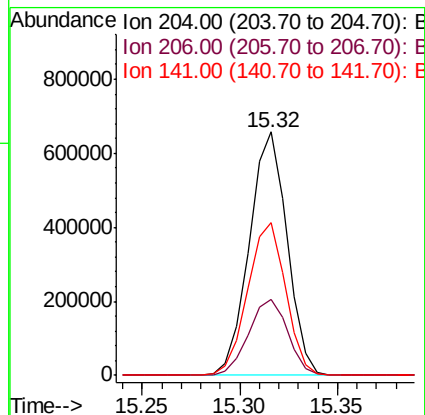
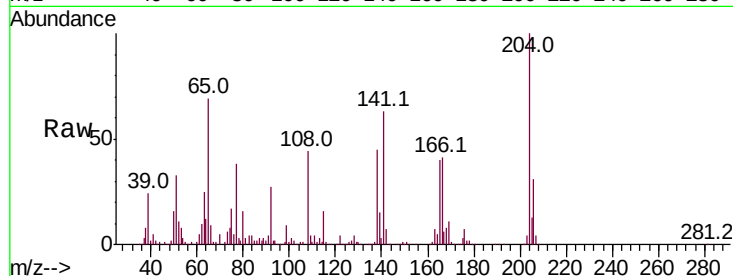




#59
 4-Chlorophenyl-phenylether
 Concen: 28.922 ng/ul
 RT: 15.32 min Scan# 2096
 Delta R.T. 0.00 min
 Lab File: BN008555.D
 Acq: 14 Nov 2019 13:53

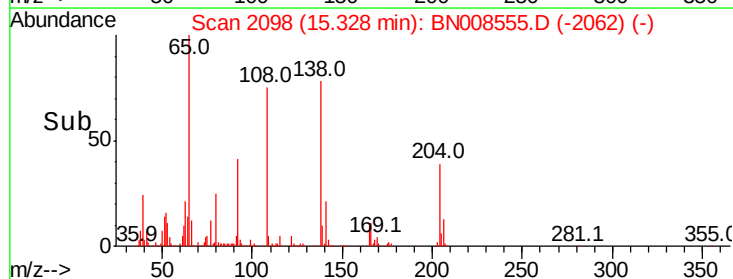
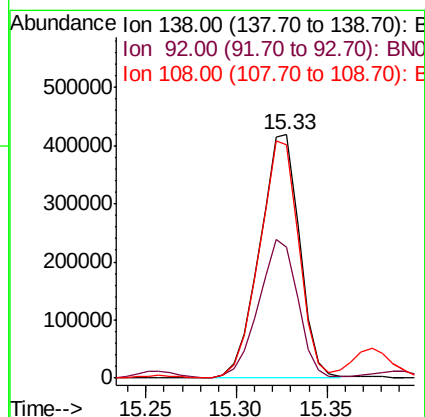
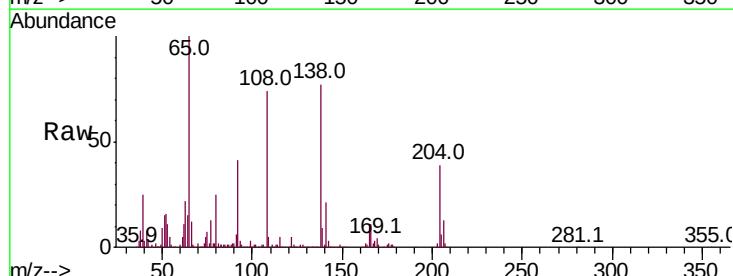
Instrument :
 BNA_N
 ClientSampleId :
 A5458

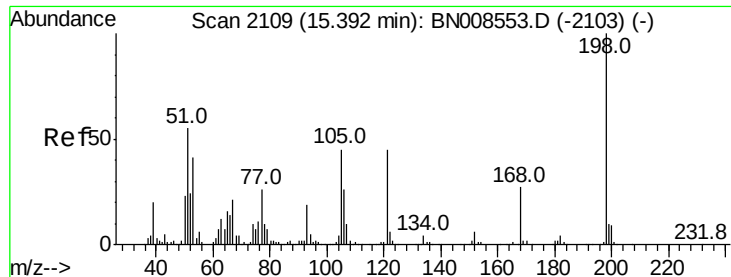
Tot Ion:	204	Resp:	881697
Ion	Ratio	Lower	Upper
204	100		
206	31.2	25.3	37.9
141	62.6	50.2	75.4



#60
 4-Nitroaniline
 Concen: 52.230 ng/ul
 RT: 15.33 min Scan# 2098
 Delta R.T. 0.01 min
 Lab File: BN008555.D
 Acq: 14 Nov 2019 13:53

Tgt Ion:	138	Resp:	638818
Ion	Ratio	Lower	Upper
138	100		
92	53.6	42.6	64.0
108	96.1	71.4	107.0





#63

4,6-Dinitro-2-methylphenol

Concen: 84.568 ng/ul

RT: 15.39 min Scan# 2109

Delta R.T. 0.01 min

Lab File: BN008555.D

Acq: 14 Nov 2019 13:53

Instrument :

BNA_N

ClientSampleId :

A5458

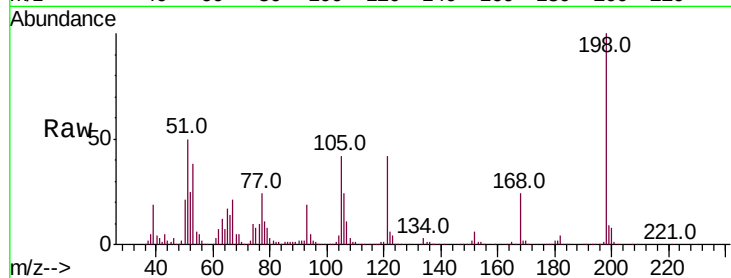
Tot Ion:198 Resp: 649638

Ion Ratio Lower Upper

198 100

182 3.6 4.4 6.6#

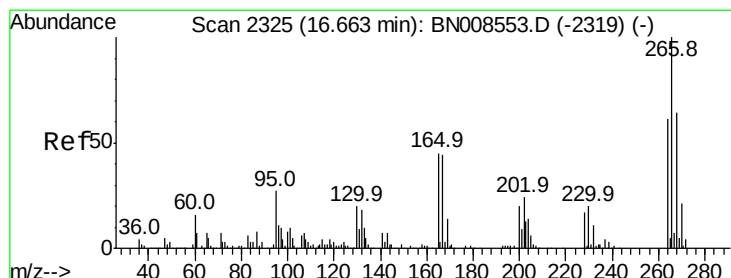
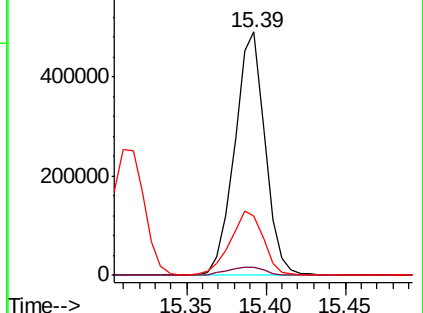
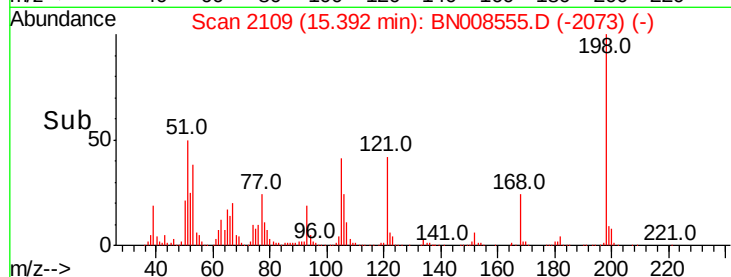
77 24.3 22.1 33.1



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



#68

Pentachlorophenol

Concen: 81.268 ng/ul

RT: 16.66 min Scan# 2325

Delta R.T. 0.01 min

Lab File: BN008555.D

Acq: 14 Nov 2019 13:53

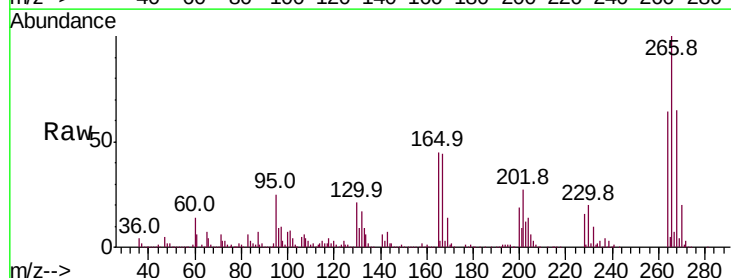
Tgt Ion:266 Resp: 916648

Ion Ratio Lower Upper

266 100

264 64.1 48.2 72.4

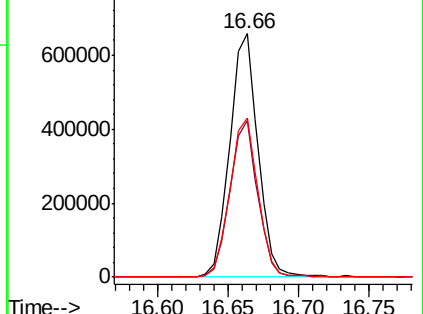
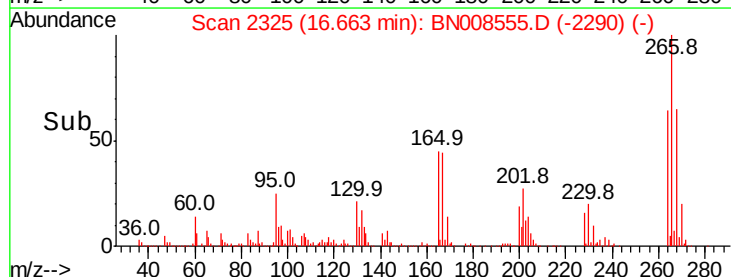
268 65.2 51.6 77.4

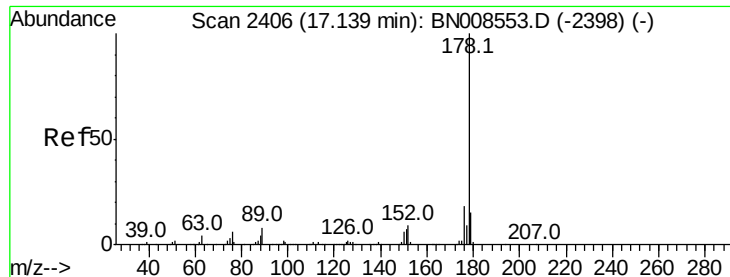


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



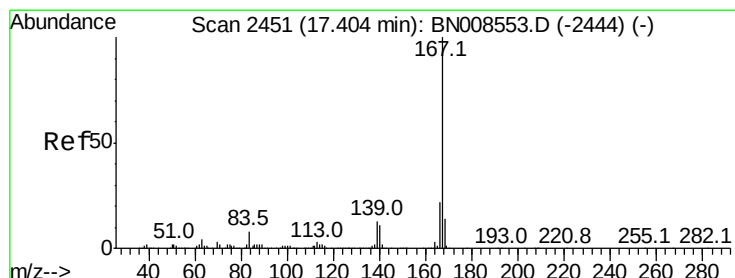
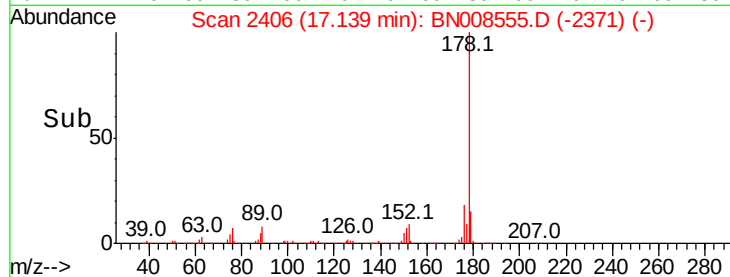
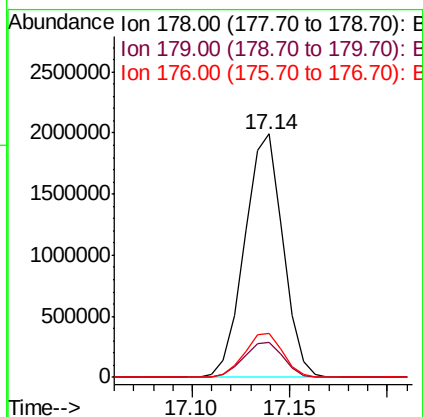
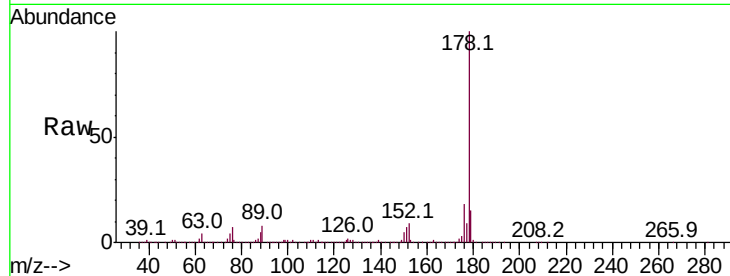


#71
 Anthracene
 Concen: 27.085 ng/ul
 RT: 17.14 min Scan# 2406
 Delta R.T. 0.01 min
 Lab File: BN008555.D
 Acq: 14 Nov 2019 13:53

Instrument :
 BNA_N
 ClientSampled :
 A5458

Tot Ion:178 Resp: 2700606

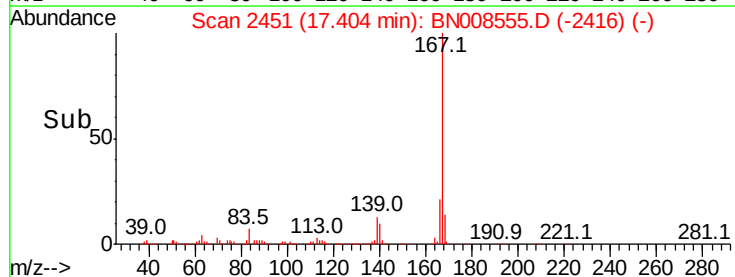
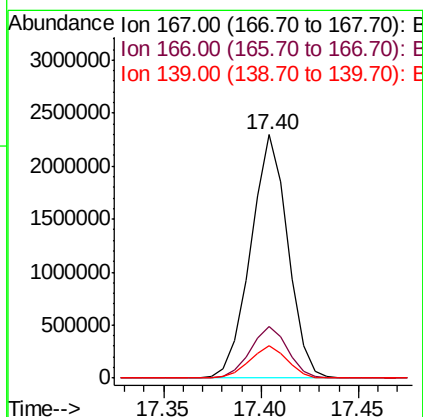
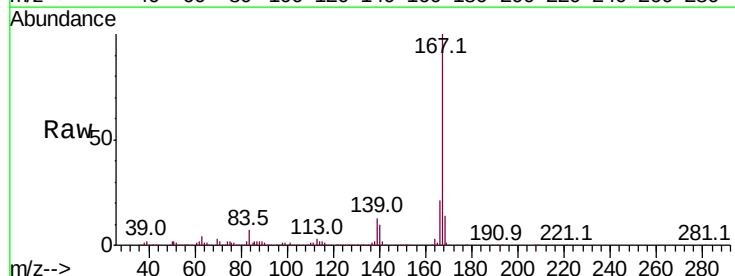
Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.8	19.2
176	18.0	14.6	21.8

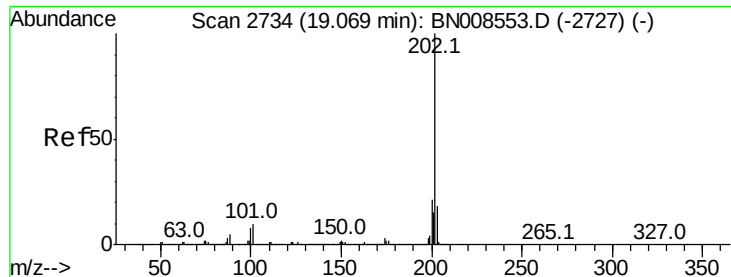


#74
 Carbazole
 Concen: 33.975 ng/ul
 RT: 17.40 min Scan# 2451
 Delta R.T. 0.01 min
 Lab File: BN008555.D
 Acq: 14 Nov 2019 13:53

Tgt Ion:167 Resp: 3027033

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.7	26.5
139	13.3	10.8	16.2





#76

Fluoranthene

Concen: 17.229 ng/ul

RT: 19.06 min Scan# 2733

Delta R.T. 0.00 min

Lab File: BN008555.D

Acq: 14 Nov 2019 13:53

Instrument :

BNA_N

ClientSampleId :

A5458

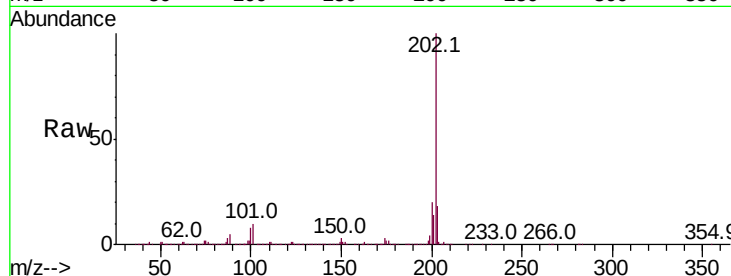
Tot Ion:202 Resp: 1931159

Ion Ratio Lower Upper

202 100

101 9.8 8.6 12.8

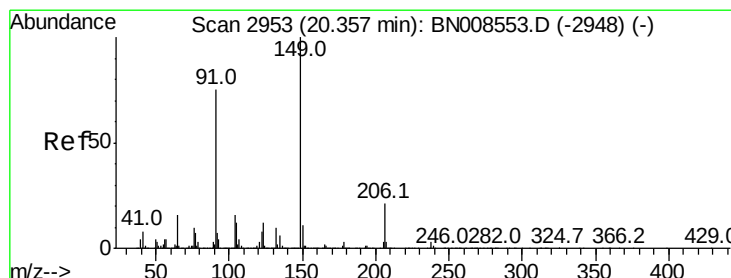
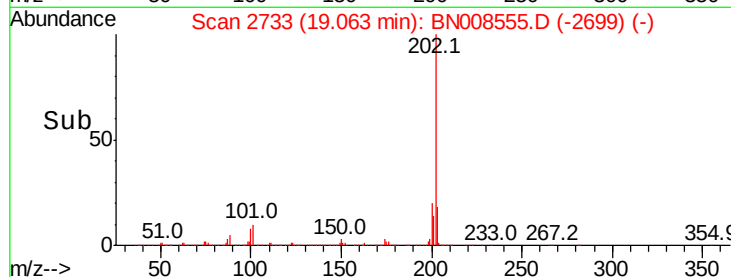
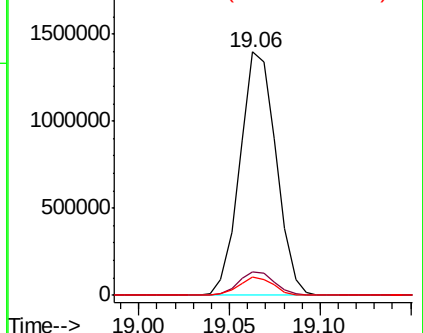
100 7.8 6.8 10.2



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: 25.591 ng/ul

RT: 20.36 min Scan# 2953

Delta R.T. 0.00 min

Lab File: BN008555.D

Acq: 14 Nov 2019 13:53

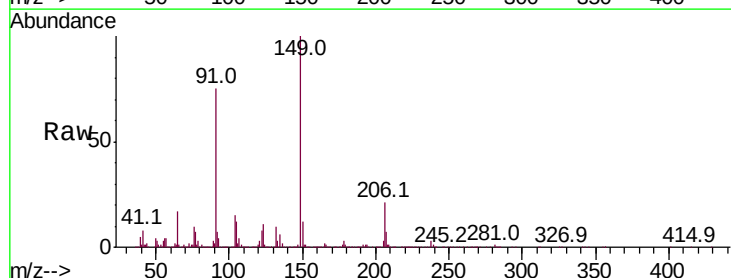
Tgt Ion:149 Resp: 1062427

Ion Ratio Lower Upper

149 100

91 74.7 60.9 91.3

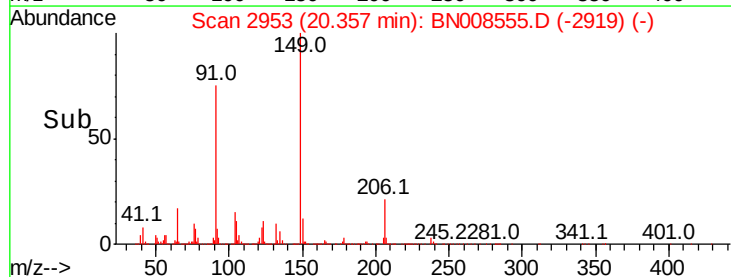
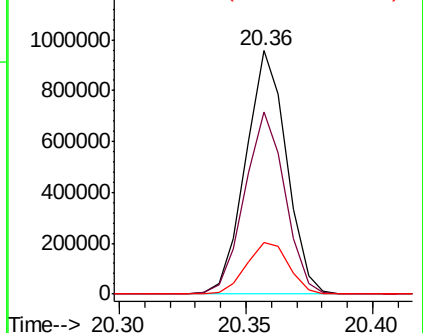
206 21.4 15.9 23.9

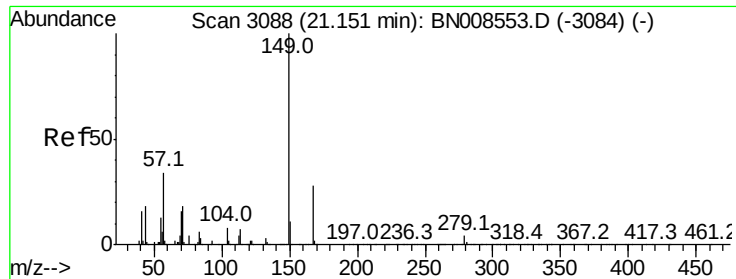


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E

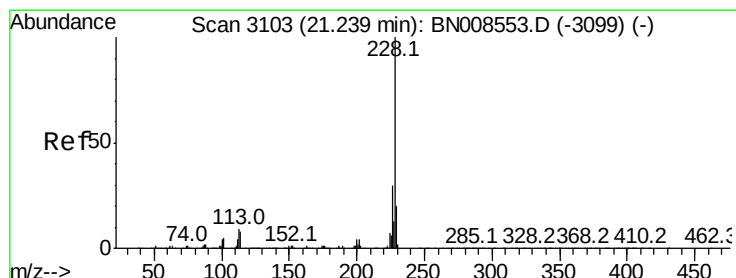
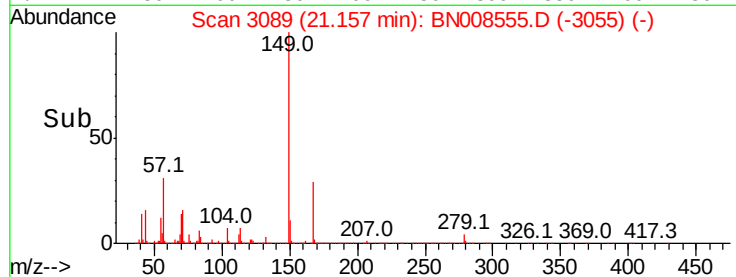
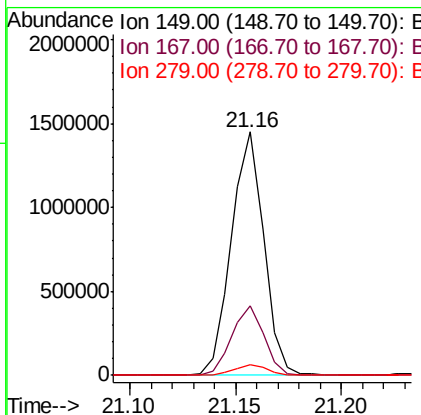
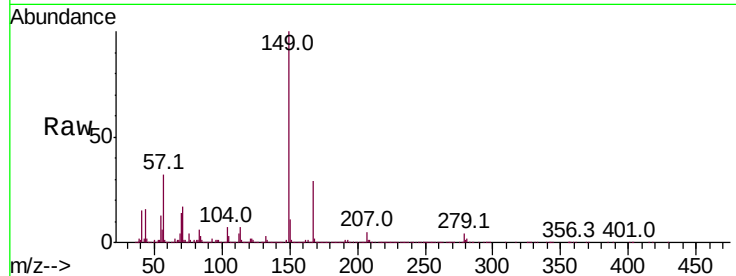




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 22.461 ng/ul
 RT: 21.16 min Scan# 3089
 Delta R.T. 0.00 min
 Lab File: BN008555.D
 Acq: 14 Nov 2019 13:53

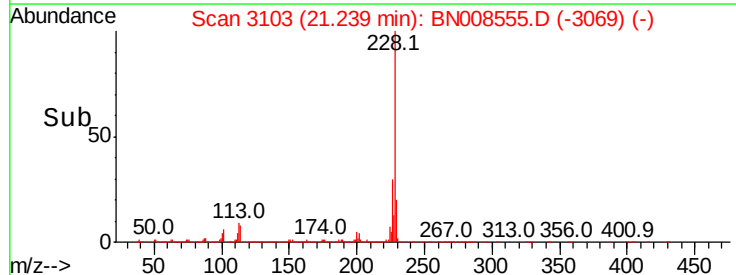
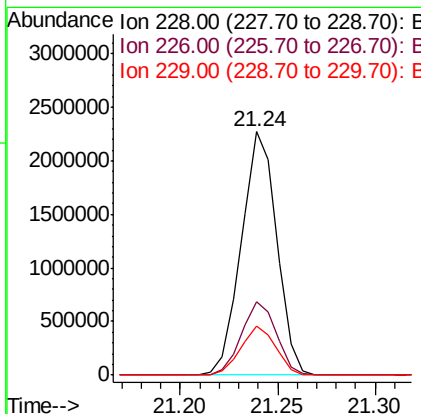
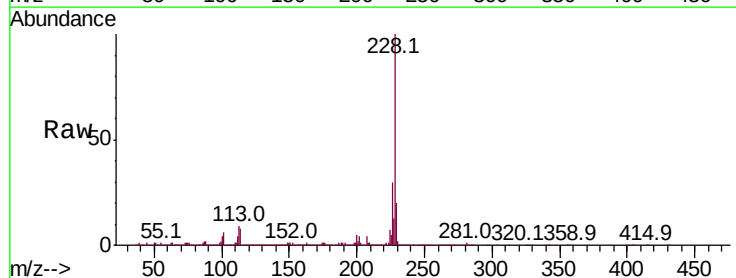
Instrument :
 BNA_N
 ClientSampleId :
 A5458

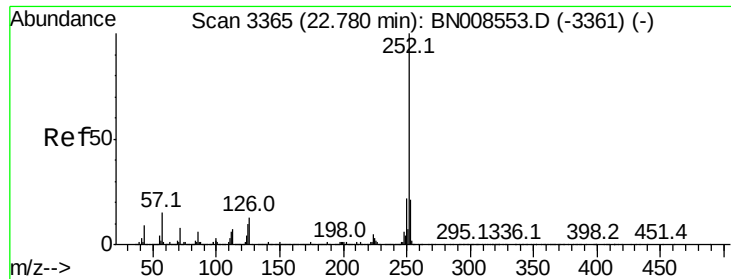
Tot Ion:149 Resp: 1528723
 Ion Ratio Lower Upper
 149 100
 167 28.6 22.1 33.1
 279 4.4 2.9 4.3#



#84
 Chrysene
 Concen: 27.579 ng/ul
 RT: 21.24 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: BN008555.D
 Acq: 14 Nov 2019 13:53

Tgt Ion:228 Resp: 2850138
 Ion Ratio Lower Upper
 228 100
 226 30.0 22.8 34.2
 229 20.1 16.0 24.0





#88

Benzo(k)fluoranthene

Concen: 35.159 ng/ul

RT: 22.79 min Scan# 3366

Delta R.T. 0.01 min

Lab File: BN008555.D

Acq: 14 Nov 2019 13:53

Instrument :

BNA_N

ClientSampled :

A5458

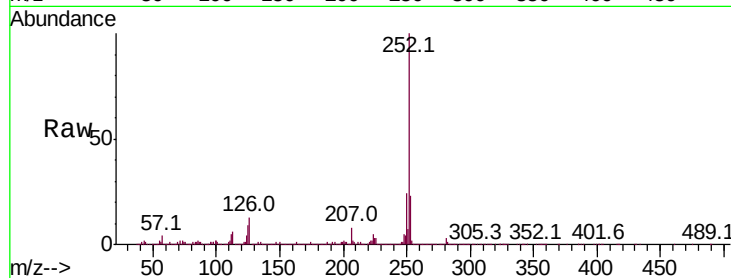
Tot Ion:252 Resp: 3514969

Ion Ratio Lower Upper

252 100

253 22.9 17.7 26.5

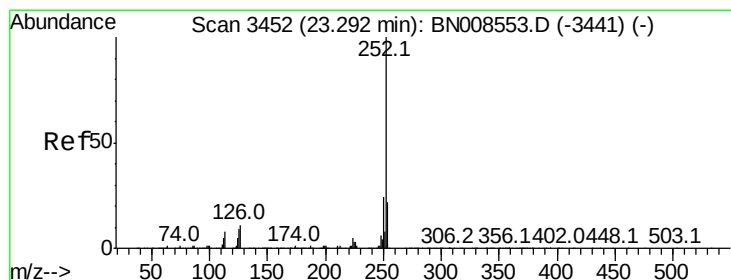
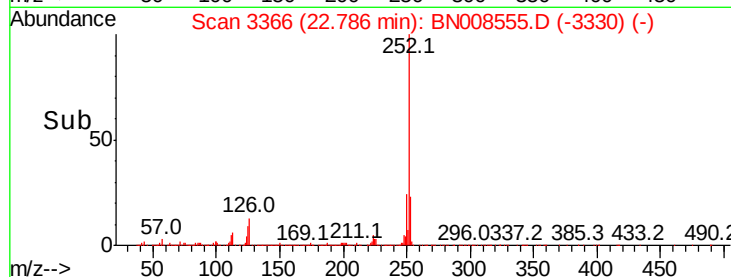
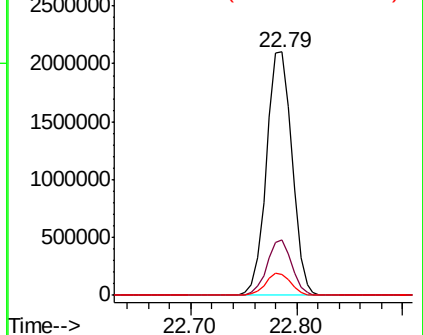
125 8.7 7.4 11.2



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



#90

Benzo(a)pyrene

Concen: 32.685 ng/ul

RT: 23.30 min Scan# 3453

Delta R.T. 0.01 min

Lab File: BN008555.D

Acq: 14 Nov 2019 13:53

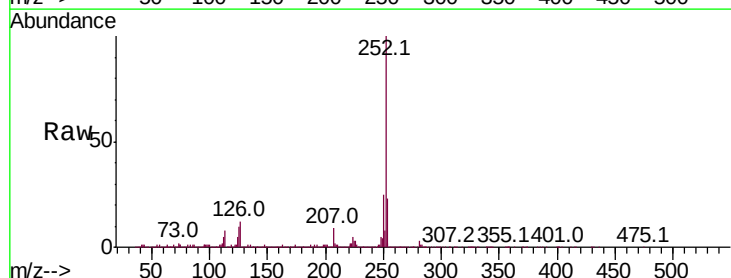
Tgt Ion:252 Resp: 3300819

Ion Ratio Lower Upper

252 100

253 22.6 17.2 25.8

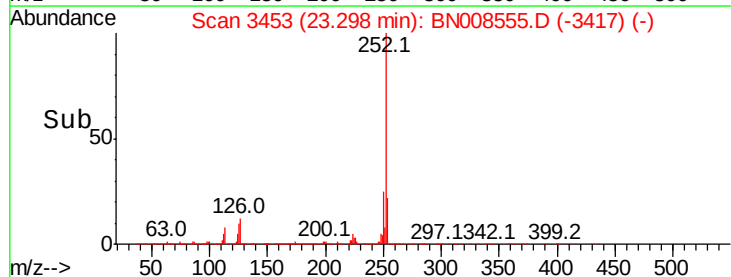
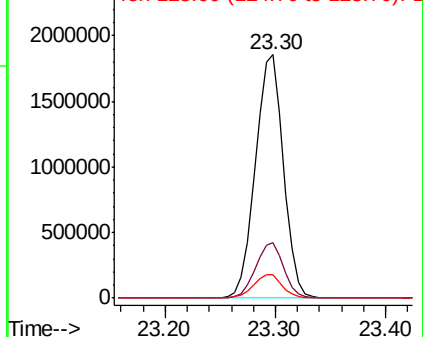
125 9.8 8.6 12.8

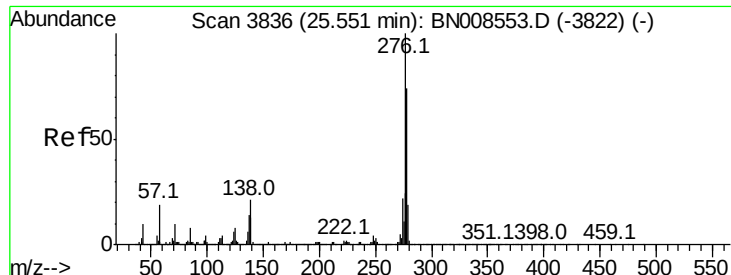


Abundance Ion 252.00 (251.70 to 252.70): E

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: 13.828 ng/ul

RT: 25.54 min Scan# 3835

Delta R.T. 0.01 min

Lab File: BN008555.D

Acq: 14 Nov 2019 13:53

Instrument :

BNA_N

ClientSampleId :

A5458

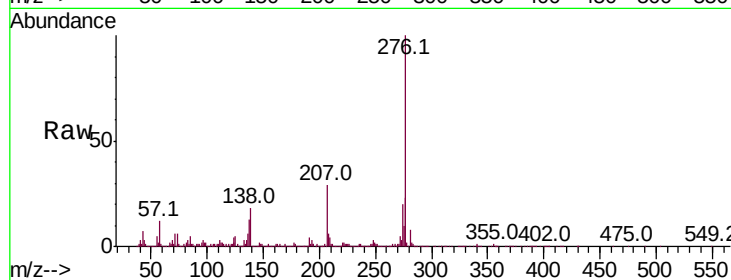
Tot Ion:276 Resp: 1598875

Ion Ratio Lower Upper

276 100

138 17.7 18.6 28.0#

277 23.1 19.7 29.5



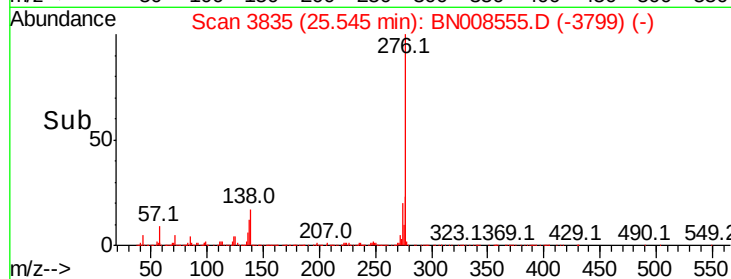
Abundance

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

25.54



Time-->