

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111319\
 Data File : BN008555.D
 Acq On : 14 Nov 2019 12:58
 Operator : JU
 Sample : K5656-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 A5458

Quant Time: Nov 14 13:36:14 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	314767	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1262467	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	794448	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	1689379	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1507630	20.00	ng/ul	0.00
85) Perylene-d12	23.39	264	1667955	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	46164	5.95	ng/uL	0.00
5) Phenol-d5	6.82	99	1005394	36.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	609161	36.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	790630	37.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	792982	36.95	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	371359	43.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	421975	52.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	800459	38.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	78098	3.24	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	2323099	36.95	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	2695138	37.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	435437	44.68	ng/ul	0.01
57) Fluorene-d10	15.26	176	1962684	37.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	354014	54.89	ng/ul	0.00
70) Anthracene-d10	17.10	188	2967477	37.06	ng/ul	0.00
78) Pyrene-d10	19.40	212	3261211	37.88	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.25	264	3244949	37.46	ng/ul	0.01

Target Compounds

					Qvalue
6) Phenol	6.85	94	579066	20.309 ng/ul	98
8) Bis(2-Chloroethyl)ether	7.07	93	1286599	58.825 ng/ul	94
11) 2-Methylphenol	8.08	108	1274296	59.595 ng/ul	100
15) N-Nitroso-di-n-propylamine	8.45	70	1087989	60.042 ng/ul	94
16) 4-Methylphenol	8.40	108	1342003	58.098 ng/ul	84
17) Hexachloroethane	8.70	117	382601	41.122 ng/ul	97
21) Isophorone	9.35	82	1948794	39.018 ng/ul	98
24) 2,4-Dimethylphenol	9.59	107	1114483	42.891 ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.83	93	1392190	47.797 ng/ul	98
27) 2,4-Dichlorophenol	10.05	162	361409	18.055 ng/ul	95
28) Naphthalene	10.45	128	1678203	25.265 ng/ul	99
30) 4-Chloroaniline	10.45	127	223234	9.039 ng/ul#	14
31) Hexachlorobutadiene	10.75	225	914314	67.633 ng/ul	96
32) Caprolactam	11.31	113	285781	42.922 ng/ul	91
36) 1,2,4,5-Tetrachlorobenzene	12.44	216	1045980	43.183 ng/ul	98
37) Hexachlorocyclopentadiene	12.43	237	483254	33.634 ng/ul	98
39) 2,4,5-Trichlorophenol	12.76	196	770339	48.424 ng/ul	96
41) 2-Chloronaphthalene	13.13	162	1031602	21.978 ng/ul	100
44) Dimethylphthalate	13.73	163	1304504	21.427 ng/ul	99
45) 2,6-Dinitrotoluene	13.72	165	14018	1.530 ng/ul#	40
47) Acenaphthylene	13.98	152	1755627	24.247 ng/ul	100
48) 3-Nitroaniline	14.16	138	486820	50.998 ng/ul#	96
49) Acenaphthene	14.33	153	1795739	36.006 ng/ul	98

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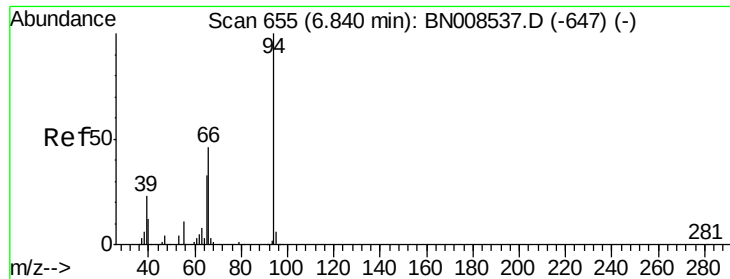
Quant Time: Nov 14 13:36:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 14 10:03:48 2019
 Response via : Initial Calibration

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

50) 2,4-Dinitrophenol	14.36	184	325838	77.476	ng/ul	95
53) Dibenzofuran	14.66	168	1497604	20.780	ng/ul	98
58) Fluorene	15.31	166	491653	8.628	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.32	204	989910	34.899	ng/ul	99
60) 4-Nitroaniline	15.33	138	716850	62.992	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.39	198	751364	104.297	ng/ul#	96
68) Pentachlorophenol	16.66	266	1043199	98.620	ng/ul	96
71) Anthracene	17.14	178	3016965	32.264	ng/ul	99
74) Carbazole	17.40	167	3463112	41.446	ng/ul	99
76) Fluoranthene	19.07	202	2201268	20.941	ng/ul	98
80) Butylbenzylphthalate	20.36	149	1258279	31.551	ng/ul	95
82) Benzo(a)anthracene	21.24	228	3386271	31.946	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.16	149	1772580	27.112	ng/ul#	98
84) Chrysene	21.24	228	3386271	34.110	ng/ul	98
87) Benzo(b)fluoranthene	22.79	252	4250682	40.836	ng/ul	97
88) Benzo(k)fluoranthene	22.79	252	4250682	43.377	ng/ul	98
90) Benzo(a)pyrene	23.30	252	3971767	40.123	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.54	276	1902222	16.783	ng/ul#	94

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

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Sample    : K5656-10  
Misc      :  
ALS Vial  : 32    Sample Multiplier: 1
```



#6

Phenol

Concen: 20.309 ng/ul

RT: 6.85 min Scan# 656

Delta R.T. 0.01 min

Lab File: BN008555.D

Acq: 14 Nov 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

A5458

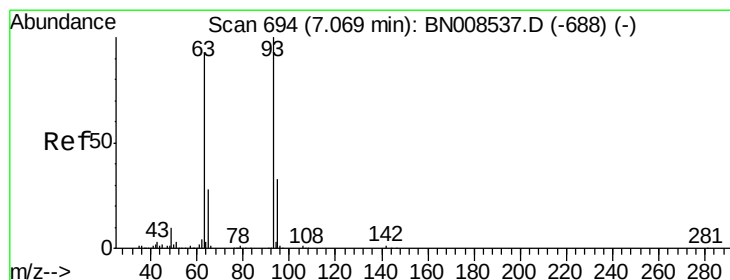
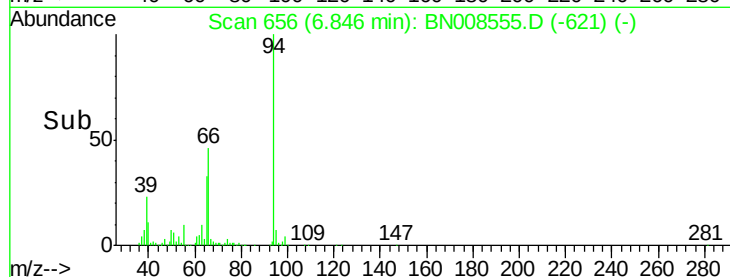
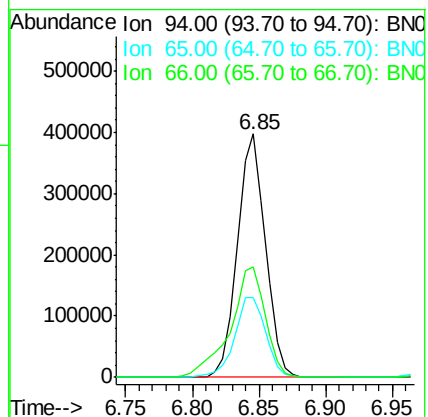
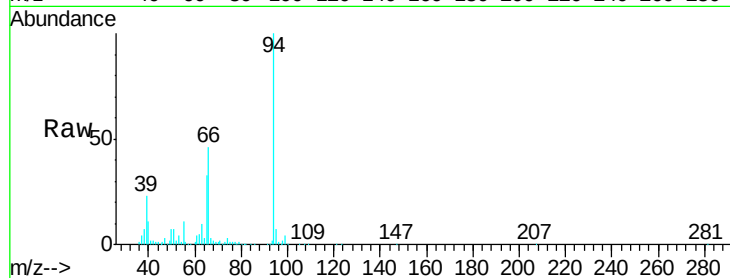
Tgt Ion: 94 Resp: 579066

Ion Ratio Lower Upper

94 100

65 33.0 27.7 41.5

66 45.6 37.0 55.6



#8

Bis(2-Chloroethyl)ether

Concen: 58.825 ng/ul

RT: 7.07 min Scan# 694

Delta R.T. 0.00 min

Lab File: BN008555.D

Acq: 14 Nov 2019 12:58

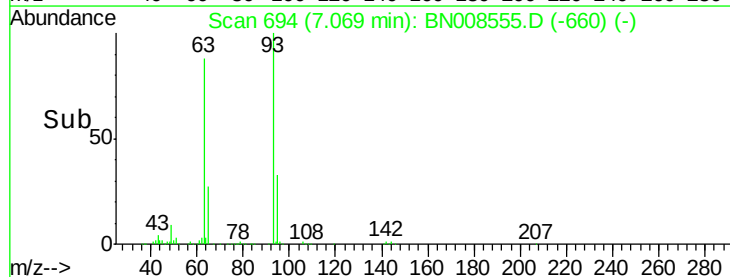
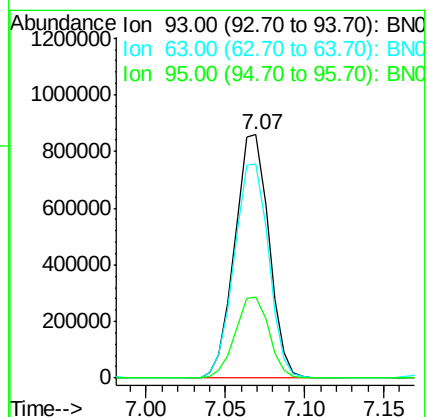
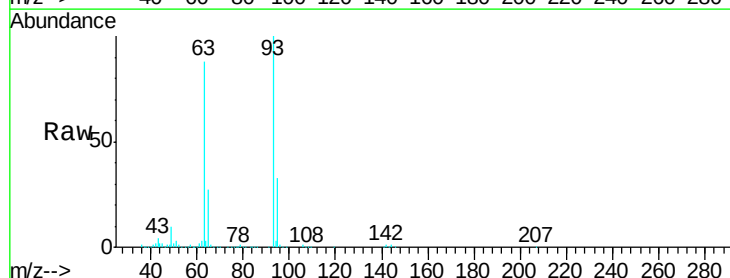
Tgt Ion: 93 Resp: 1286599

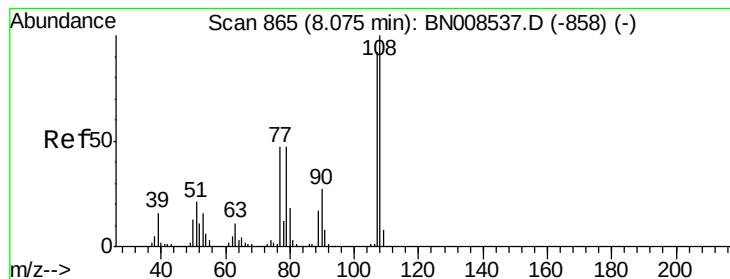
Ion Ratio Lower Upper

93 100

63 87.8 76.2 114.4

95 33.3 25.7 38.5





#11

2-Methylphenol

Concen: 59.595 ng/ul

RT: 8.08 min Scan# 865

Delta R.T. 0.00 min

Lab File: BN008555.D

Acq: 14 Nov 2019 12:58

Instrument :

MSVOA_N

ClientSampled :

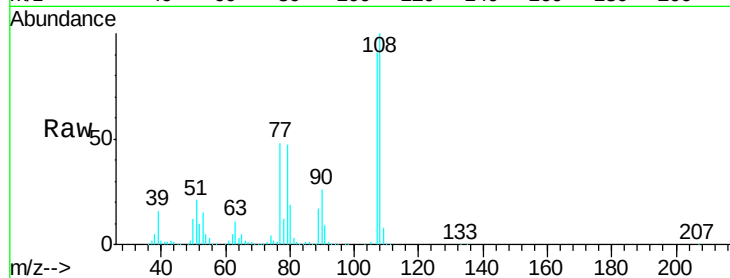
A5458

Tgt Ion:108 Resp: 1274296

Ion Ratio Lower Upper

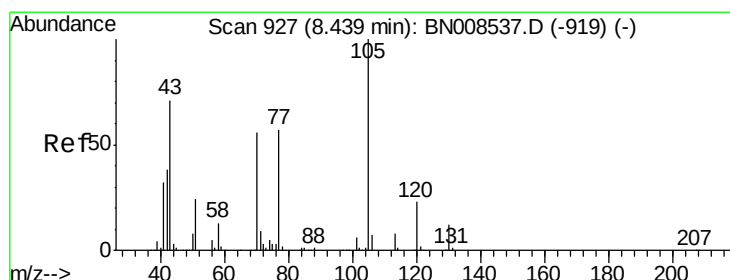
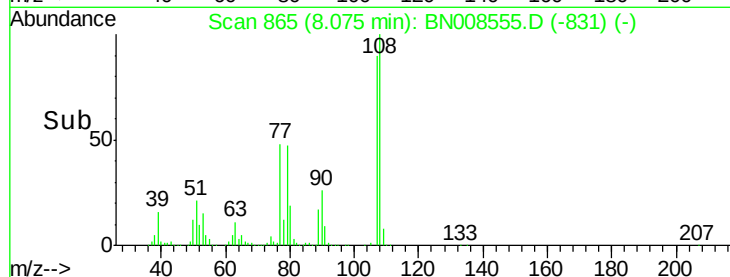
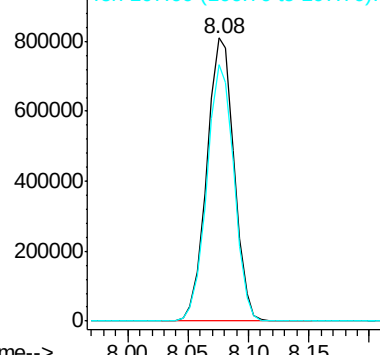
108 100

107 90.5 72.5 108.7



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#15

N-Nitroso-di-n-propylamine

Concen: 60.042 ng/ul

RT: 8.45 min Scan# 928

Delta R.T. 0.01 min

Lab File: BN008555.D

Acq: 14 Nov 2019 12:58

Tgt Ion: 70 Resp: 1087989

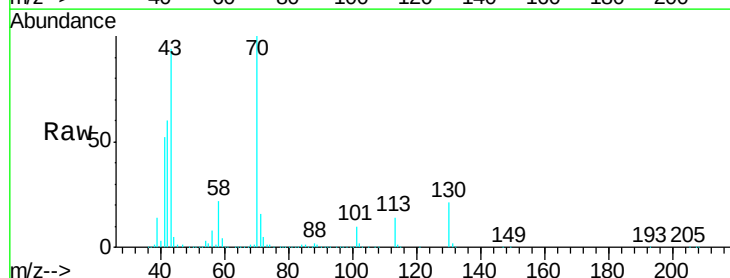
Ion Ratio Lower Upper

70 100

42 59.6 52.0 78.0

101 10.0 7.5 11.3

130 21.4 14.9 22.3

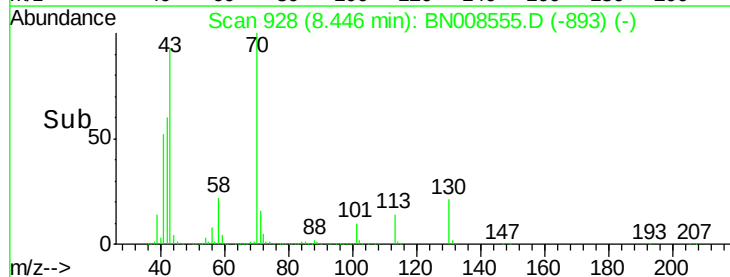
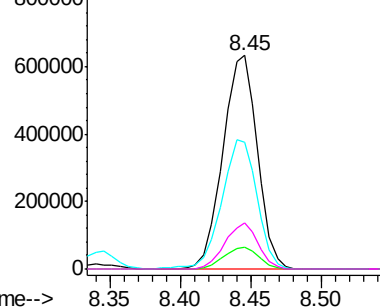


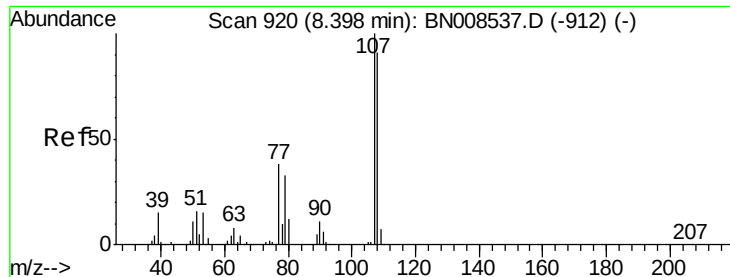
Abundance Ion 70.00 (69.70 to 70.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

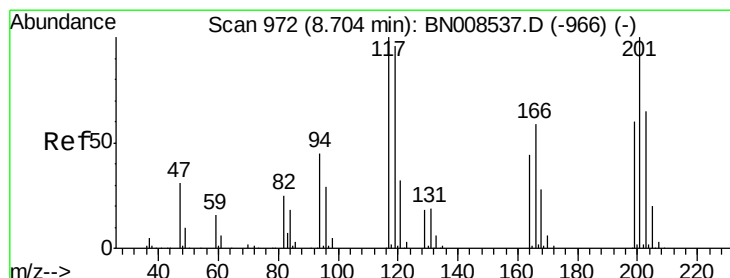
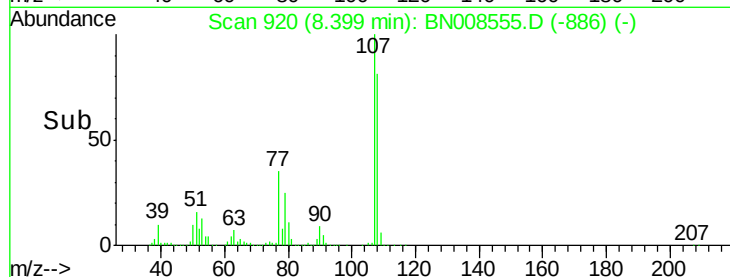
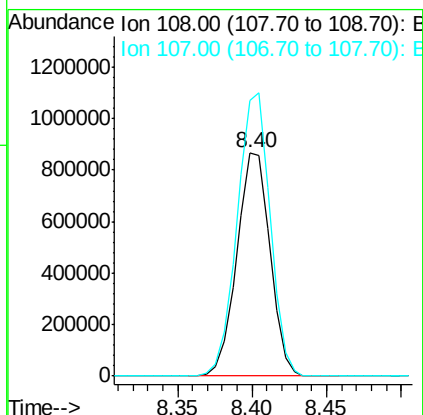
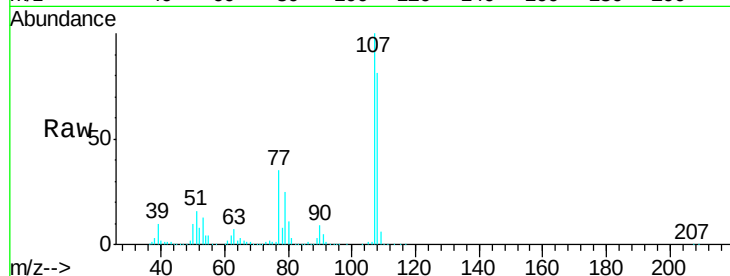




#16
4-Methylphenol
Concen: 58.098 ng/ul
RT: 8.40 min Scan# 920
Delta R.T. 0.00 min
Lab File: BN008555.D
Acq: 14 Nov 2019 12:58

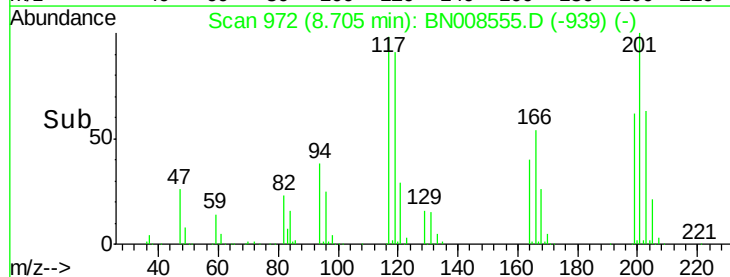
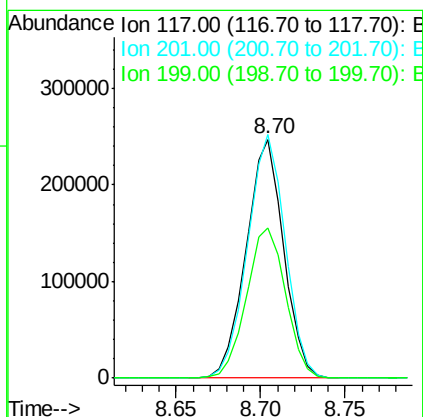
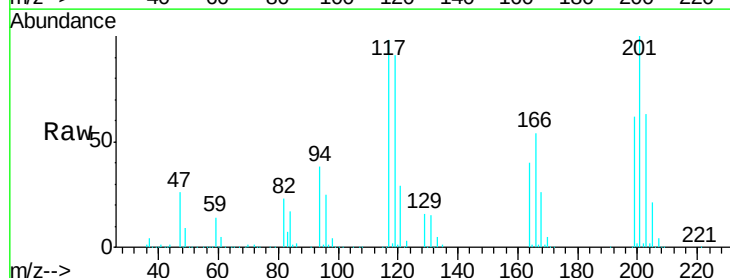
Instrument :
MSVOA_N
ClientSampleId :
A5458

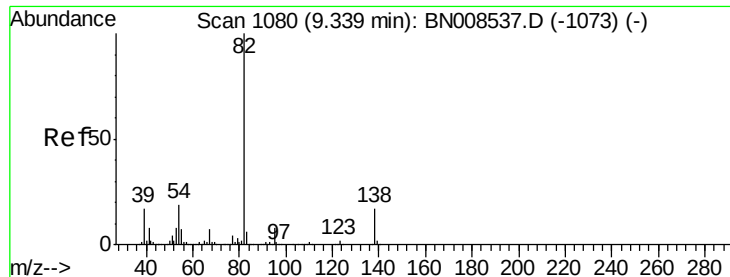
Tgt Ion:108 Resp: 1342003
Ion Ratio Lower Upper
108 100
107 123.3 85.3 127.9



#17
Hexachloroethane
Concen: 41.122 ng/ul
RT: 8.70 min Scan# 972
Delta R.T. -0.01 min
Lab File: BN008555.D
Acq: 14 Nov 2019 12:58

Tgt Ion:117 Resp: 382601
Ion Ratio Lower Upper
117 100
201 102.0 78.6 118.0
199 62.8 49.0 73.4





#21

Isophorone

Concen: 39.018 ng/ul

RT: 9.35 min Scan# 1081

Delta R.T. 0.01 min

Lab File: BN008555.D

Acq: 14 Nov 2019 12:58

Instrument :

MSVOA_N

ClientSampled :

A5458

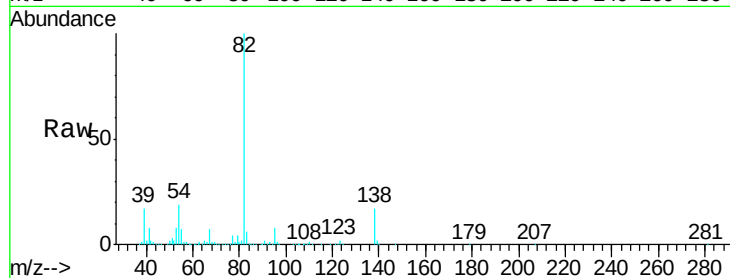
Tgt Ion: 82 Resp: 1948794

Ion Ratio Lower Upper

82 100

95 8.3 6.4 9.6

138 17.3 13.2 19.8

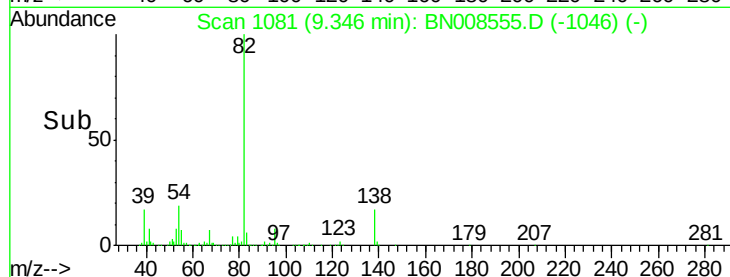


Abundance Ion 82.00 (81.70 to 82.70): BN008537.D (-1073) (-)

Ion 95.00 (94.70 to 95.70): BN008537.D (-1073) (-)

Ion 138.00 (137.70 to 138.70): BN008537.D (-1073) (-)

Time-->

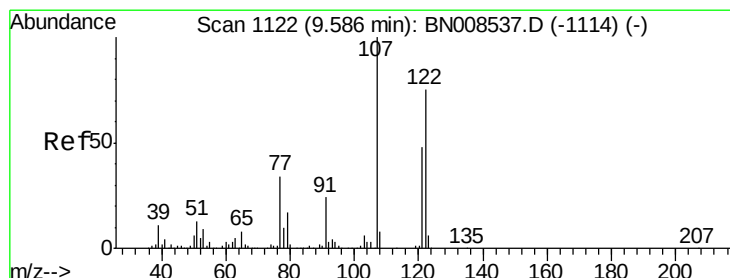


Abundance Ion 82.00 (81.70 to 82.70): BN008555.D (-1046) (-)

Ion 95.00 (94.70 to 95.70): BN008555.D (-1046) (-)

Ion 138.00 (137.70 to 138.70): BN008555.D (-1046) (-)

Time-->



#24

2,4-Dimethylphenol

Concen: 42.891 ng/ul

RT: 9.59 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BN008555.D

Acq: 14 Nov 2019 12:58

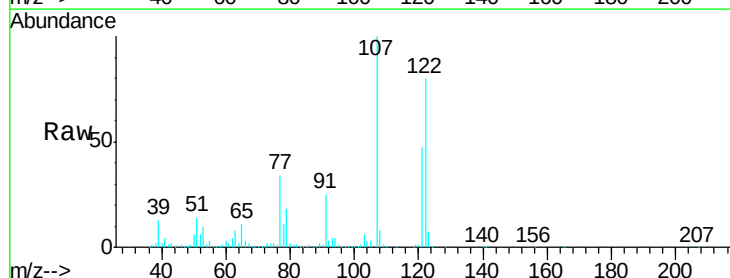
Tgt Ion: 107 Resp: 1114483

Ion Ratio Lower Upper

107 100

121 46.8 36.2 54.4

122 79.7 62.0 93.0

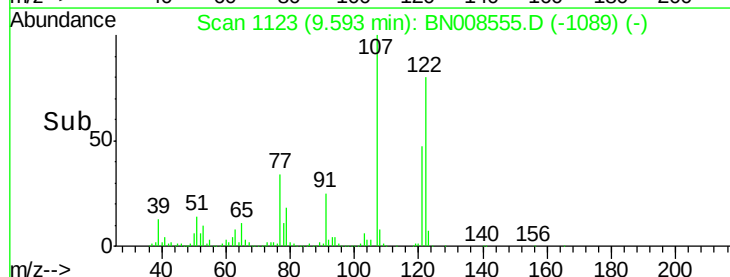


Abundance Ion 107.00 (106.70 to 107.70): BN008537.D (-1114) (-)

Ion 121.00 (120.70 to 121.70): BN008537.D (-1114) (-)

Ion 122.00 (121.70 to 122.70): BN008537.D (-1114) (-)

Time-->

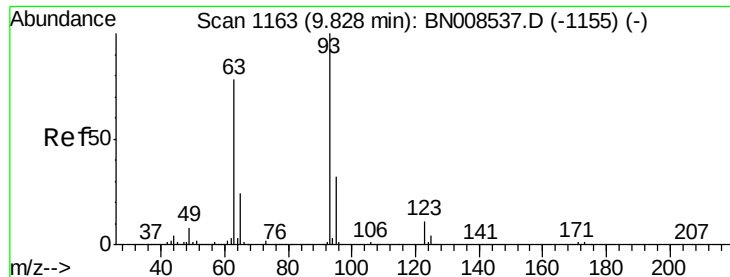


Abundance Ion 107.00 (106.70 to 107.70): BN008555.D (-1089) (-)

Ion 121.00 (120.70 to 121.70): BN008555.D (-1089) (-)

Ion 122.00 (121.70 to 122.70): BN008555.D (-1089) (-)

Time-->



#25

Bis(2-Chloroethoxy)methane

Concen: 47.797 ng/ul

RT: 9.83 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BN008555.D

Acq: 14 Nov 2019 12:58

Instrument :

MSVOA_N

ClientSampled :

A5458

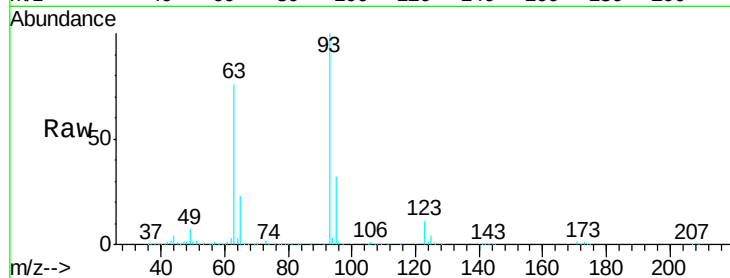
Tgt Ion: 93 Resp: 1392190

Ion Ratio Lower Upper

93 100

95 31.8 26.4 39.6

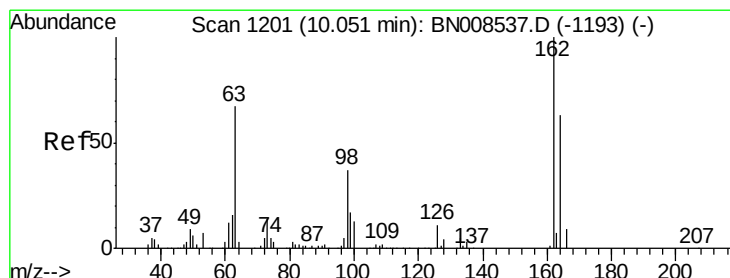
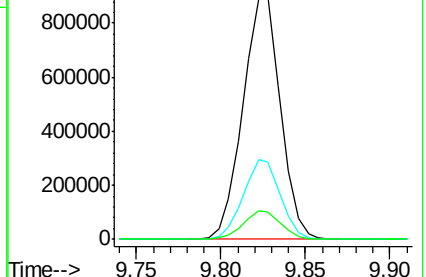
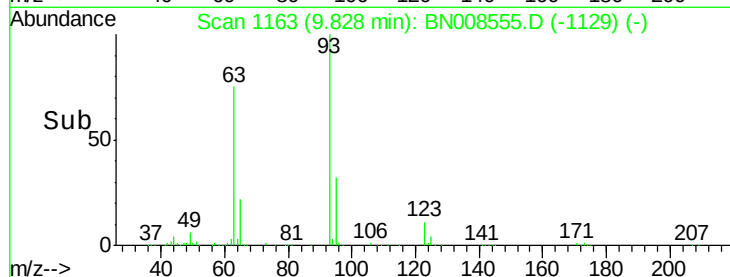
123 11.3 8.8 13.2



Abundance Ion 93.00 (92.70 to 93.70): BN008537.D (-1155) (-)

Ion 95.00 (94.70 to 95.70): BN008537.D (-1155) (-)

Ion 123.00 (122.70 to 123.70): BN008537.D (-1155) (-)



#27

2,4-Dichlorophenol

Concen: 18.055 ng/ul

RT: 10.05 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BN008555.D

Acq: 14 Nov 2019 12:58

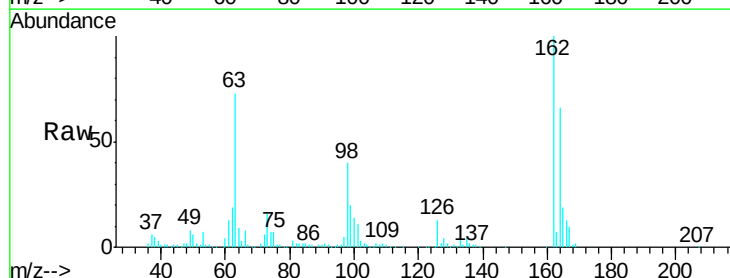
Tgt Ion: 162 Resp: 361409

Ion Ratio Lower Upper

162 100

164 65.7 49.8 74.6

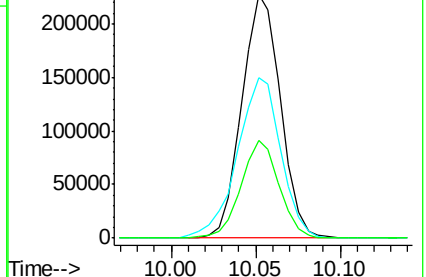
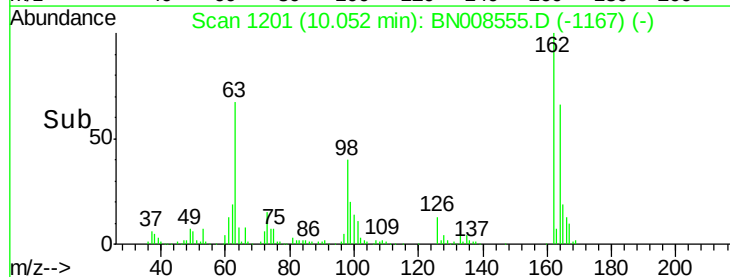
98 40.0 29.8 44.8

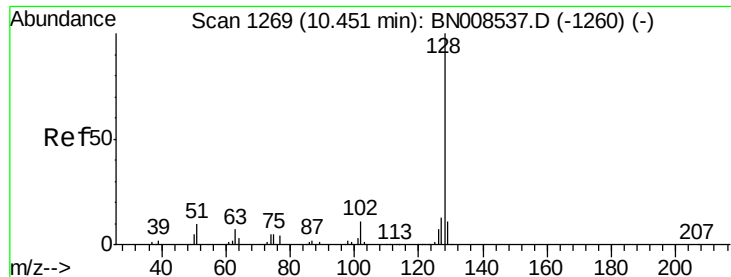


Abundance Ion 162.00 (161.70 to 162.70): BN008537.D (-1193) (-)

Ion 164.00 (163.70 to 164.70): BN008537.D (-1193) (-)

Ion 98.00 (97.70 to 98.70): BN008537.D (-1193) (-)

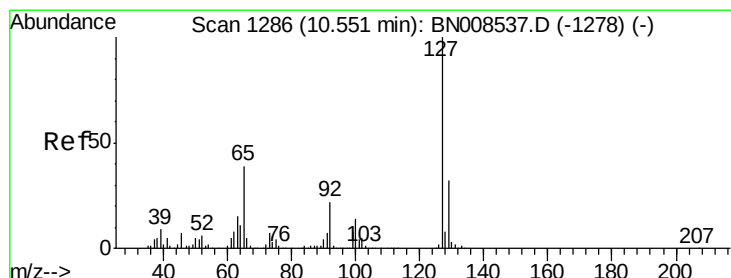
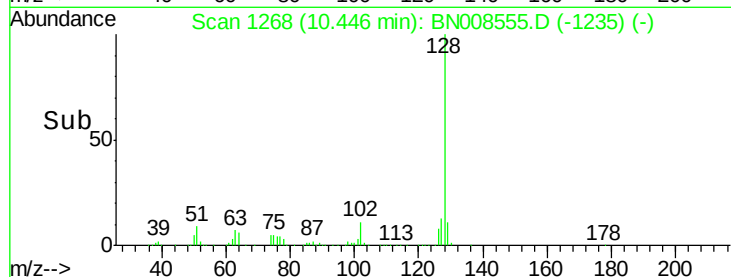
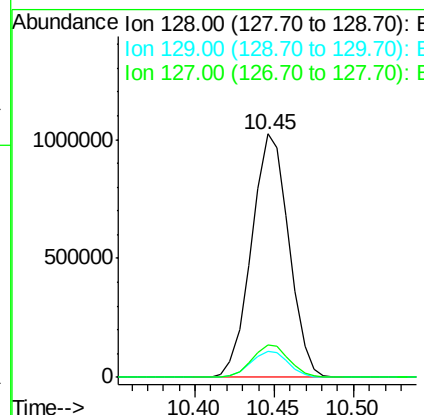
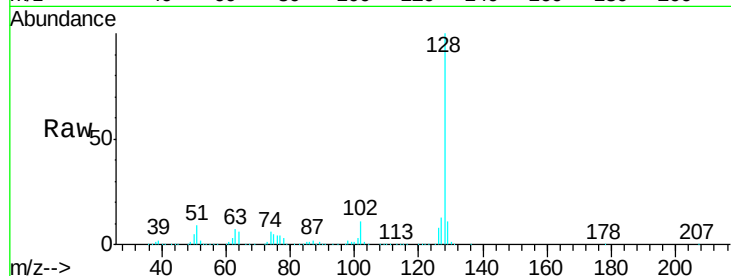




#28
Naphthalene
Concen: 25.265 ng/ul
RT: 10.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BN008555.D
Acq: 14 Nov 2019 12:58

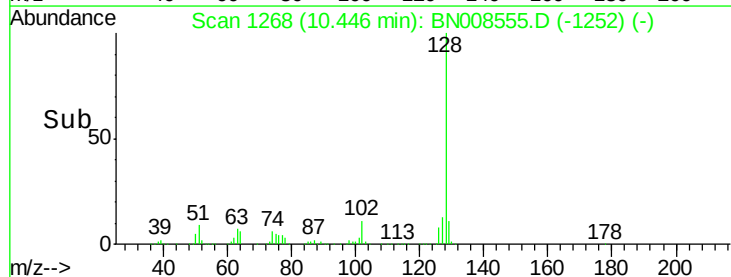
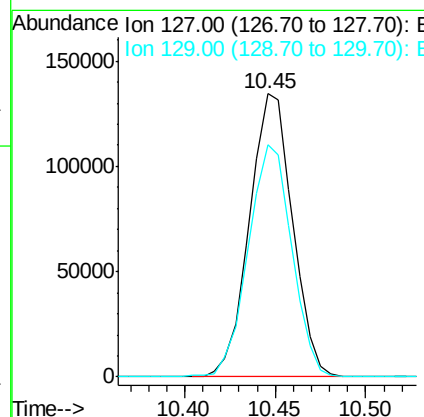
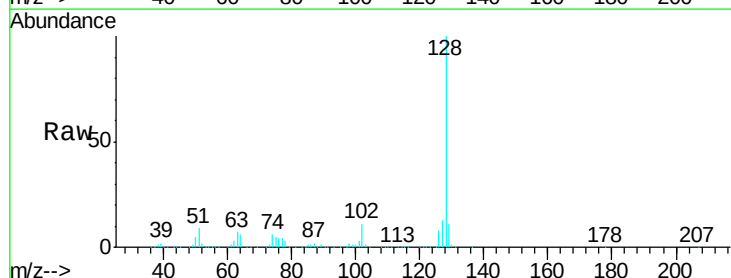
Instrument :
MSVOA_N
ClientSampled :
A5458

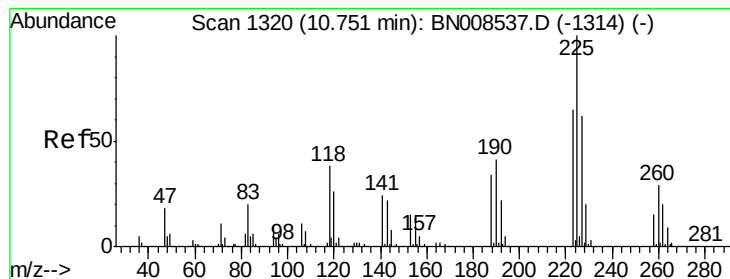
Tgt Ion:128 Resp: 1678203
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 13.1 10.6 16.0



#30
4-Chloroaniline
Concen: 9.039 ng/ul
RT: 10.45 min Scan# 1268
Delta R.T. -0.11 min
Lab File: BN008555.D
Acq: 14 Nov 2019 12:58

Tgt Ion:127 Resp: 223234
Ion Ratio Lower Upper
127 100
129 81.9 26.6 39.8#





#31

Hexachlorobutadiene

Concen: 67.633 ng/ul

RT: 10.75 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BN008555.D

Acq: 14 Nov 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

A5458

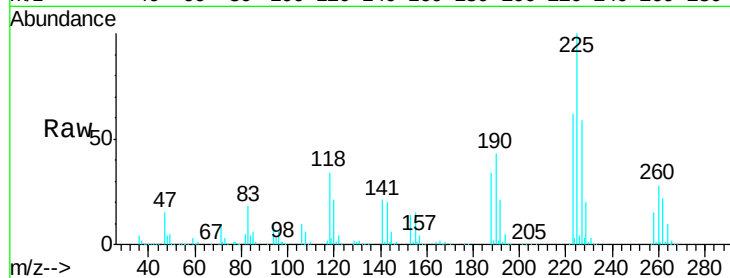
Tgt Ion:225 Resp: 914314

Ion Ratio Lower Upper

225 100

223 62.0 51.4 77.2

227 59.3 50.7 76.1

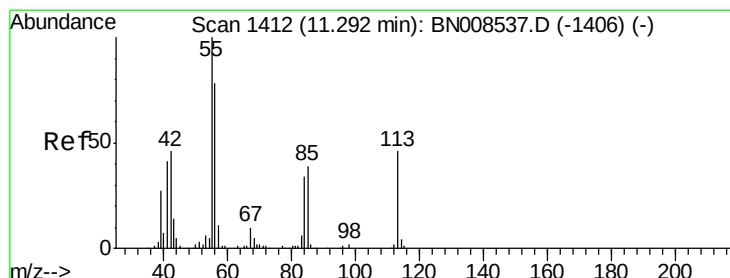
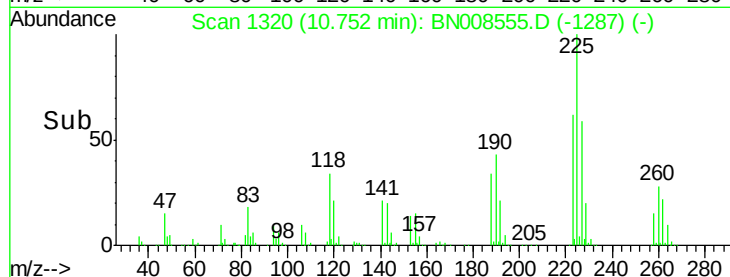
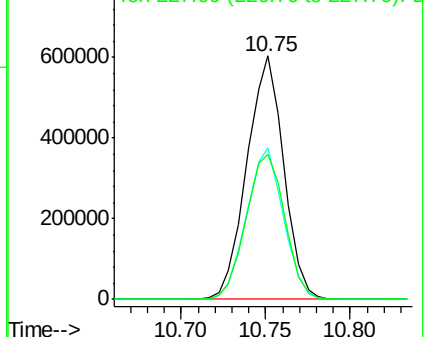


Abundance

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



#32

Caprolactam

Concen: 42.922 ng/ul

RT: 11.31 min Scan# 1415

Delta R.T. 0.02 min

Lab File: BN008555.D

Acq: 14 Nov 2019 12:58

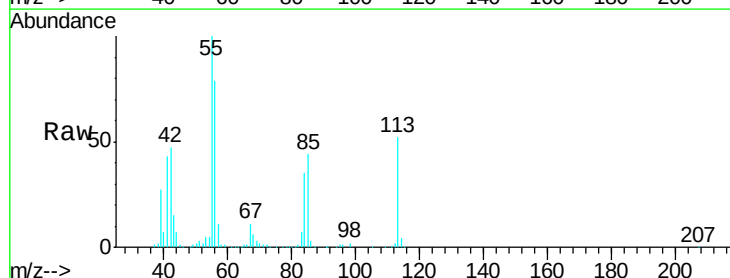
Tgt Ion:113 Resp: 285781

Ion Ratio Lower Upper

113 100

55 193.6 163.8 245.8

56 153.2 133.5 200.3

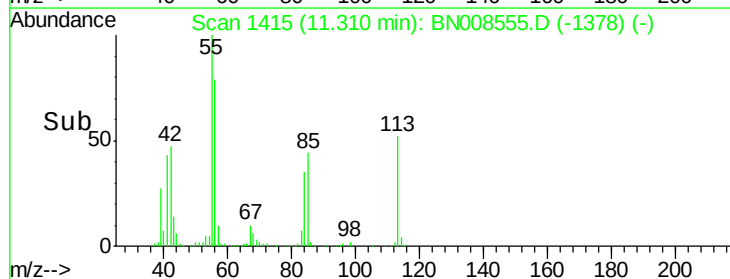
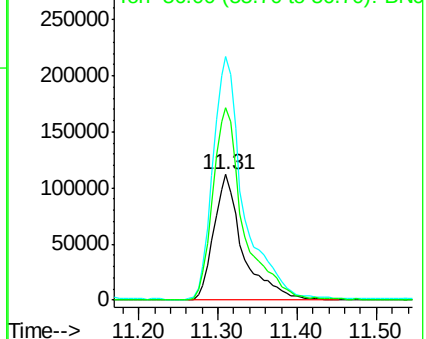


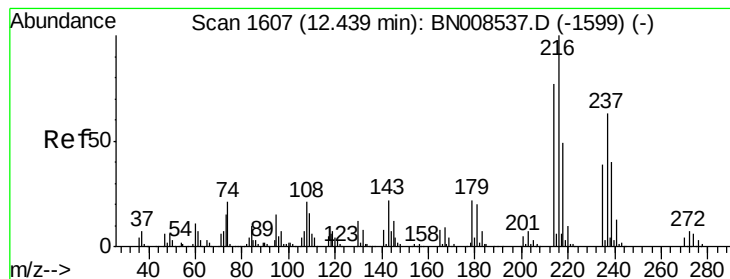
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNC

Ion 56.00 (55.70 to 56.70): BNC





#36

1,2,4,5-Tetrachlorobenzene

Concen: 43.183 ng/ul

RT: 12.44 min Scan# 1607

Delta R.T. 0.00 min

Lab File: BN008555.D

Acq: 14 Nov 2019 12:58

Instrument :

MSVOA_N

ClientSampled :

A5458

Tgt Ion:216 Resp: 1045980

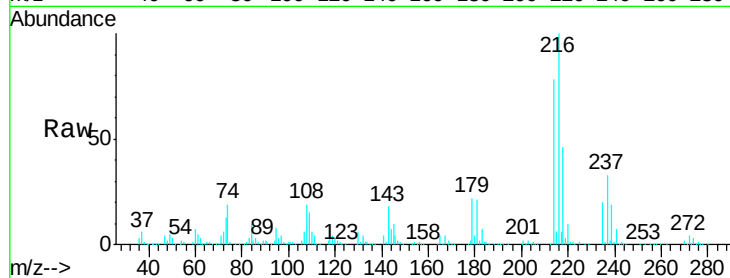
Ion Ratio Lower Upper

216 100

214 77.7 63.9 95.9

179 21.6 17.3 25.9

108 18.5 15.5 23.3

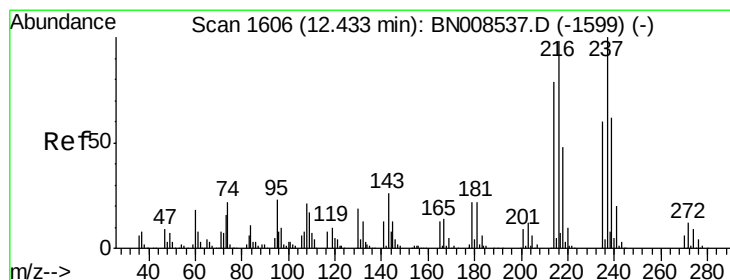
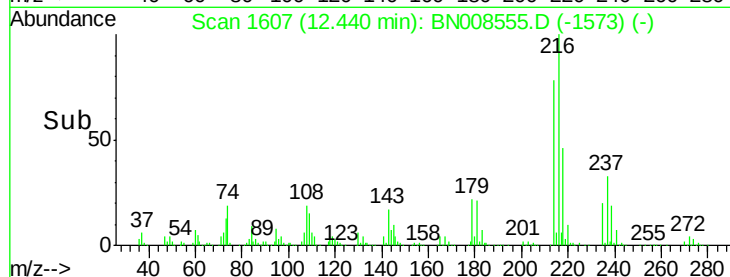
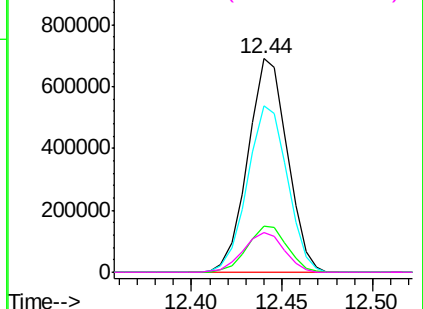


Abundance Ion 216.00 (215.70 to 216.70): E

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



#37

Hexachlorocyclopentadiene

Concen: 33.634 ng/ul

RT: 12.43 min Scan# 1606

Delta R.T. 0.00 min

Lab File: BN008555.D

Acq: 14 Nov 2019 12:58

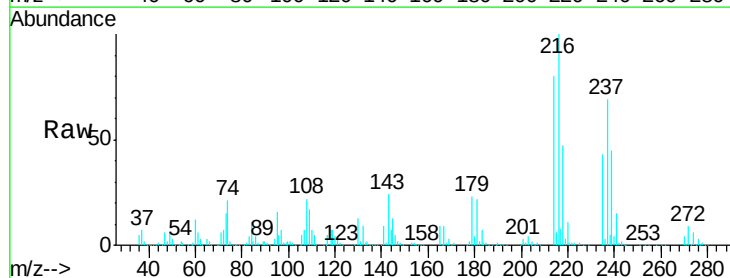
Tgt Ion:237 Resp: 483254

Ion Ratio Lower Upper

237 100

235 62.9 49.3 73.9

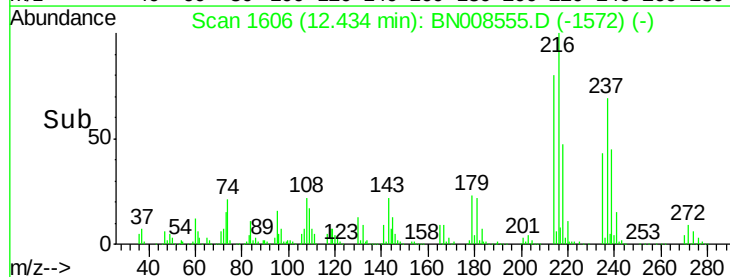
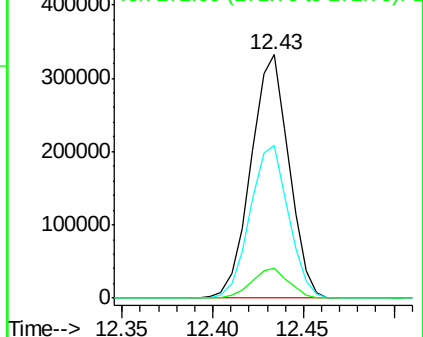
272 13.0 9.4 14.2

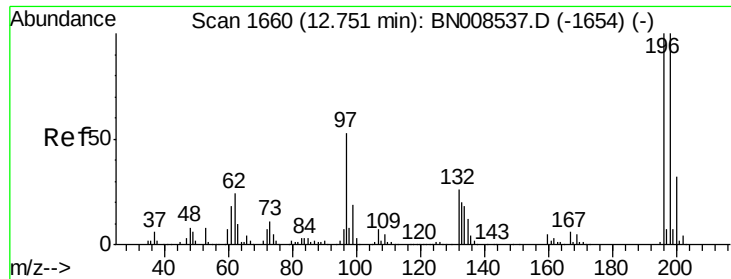


Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E

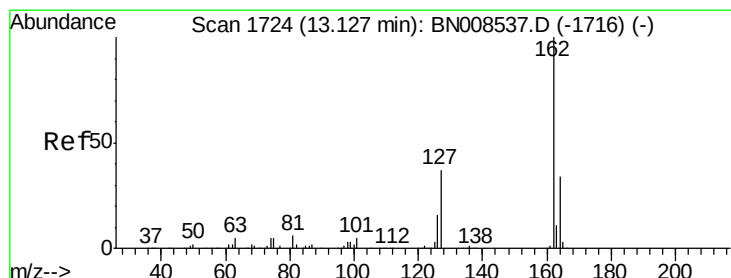
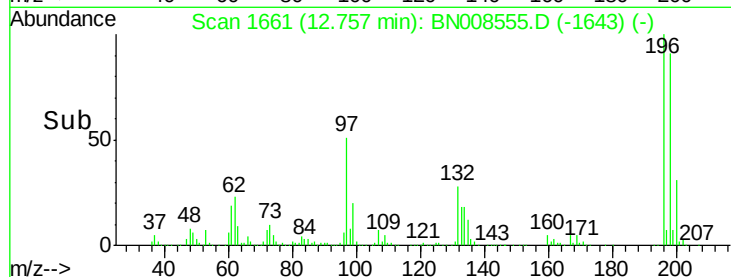
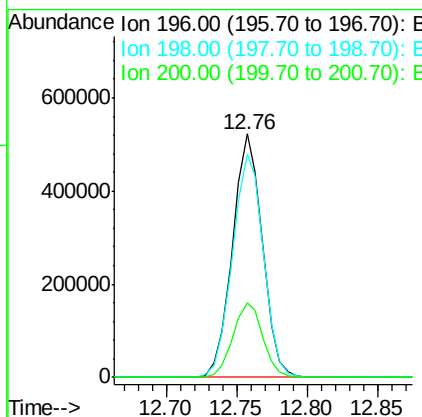
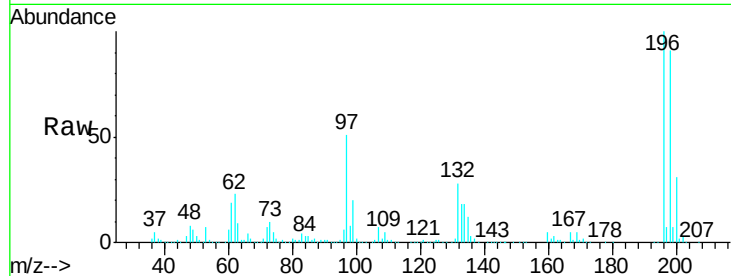




#39
 2,4,5-Trichlorophenol
 Concen: 48.424 ng/ul
 RT: 12.76 min Scan# 1661
 Delta R.T. 0.01 min
 Lab File: BN008555.D
 Acq: 14 Nov 2019 12:58

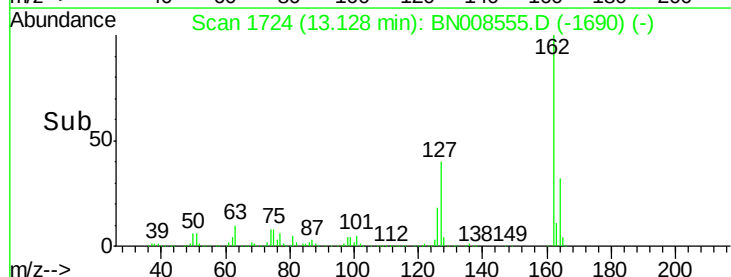
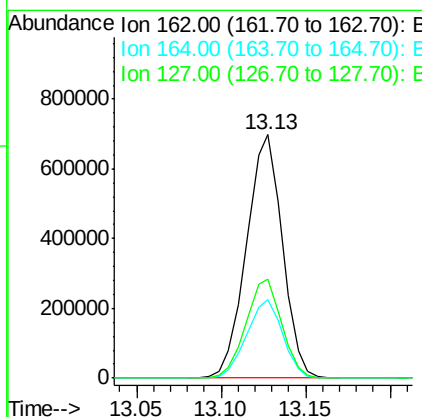
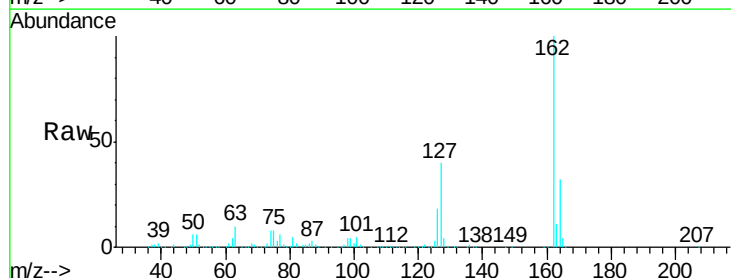
Instrument :
 MSVOA_N
 ClientSampled :
 A5458

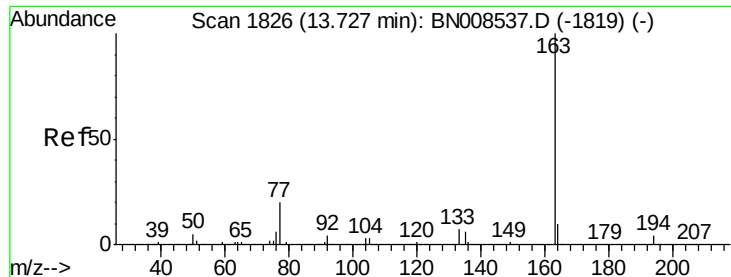
Tgt Ion:196 Resp: 770339
 Ion Ratio Lower Upper
 196 100
 198 91.5 77.5 116.3
 200 30.7 24.6 36.8



#41
 2-Chloronaphthalene
 Concen: 21.978 ng/ul
 RT: 13.13 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BN008555.D
 Acq: 14 Nov 2019 12:58

Tgt Ion:162 Resp: 1031602
 Ion Ratio Lower Upper
 162 100
 164 32.0 25.7 38.5
 127 40.4 32.6 48.8





#44

Dimethylphthalate

Concen: 21.427 ng/ul

RT: 13.73 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BN008555.D

Acq: 14 Nov 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

A5458

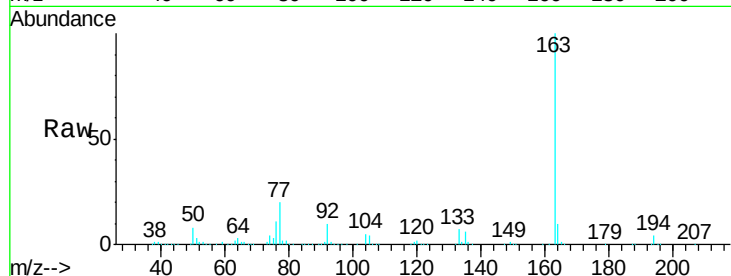
Tgt Ion:163 Resp: 1304504

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

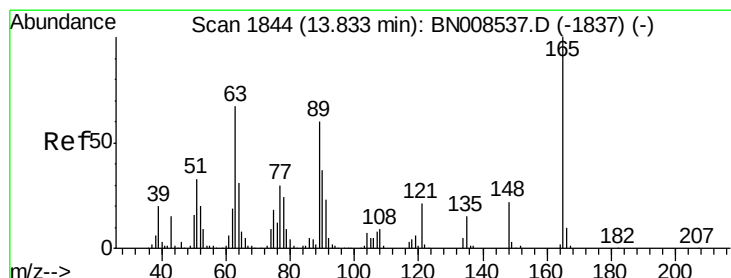
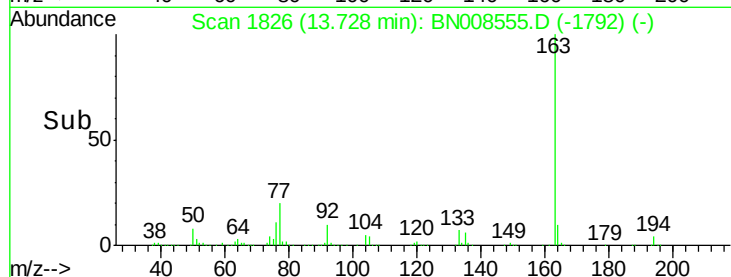
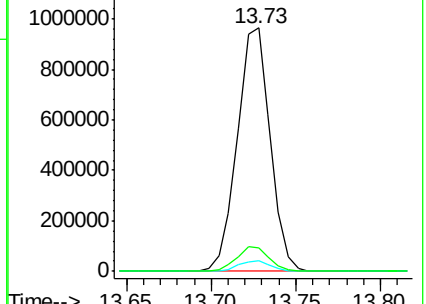
164 9.8 8.1 12.1



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



#45

2,6-Dinitrotoluene

Concen: 1.530 ng/ul

RT: 13.72 min Scan# 1825

Delta R.T. -0.11 min

Lab File: BN008555.D

Acq: 14 Nov 2019 12:58

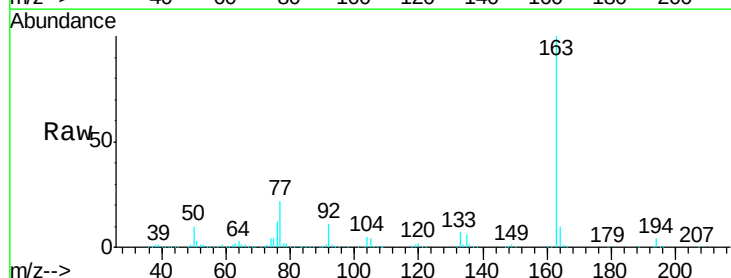
Tgt Ion:165 Resp: 14018

Ion Ratio Lower Upper

165 100

89 13.5 59.4 89.2#

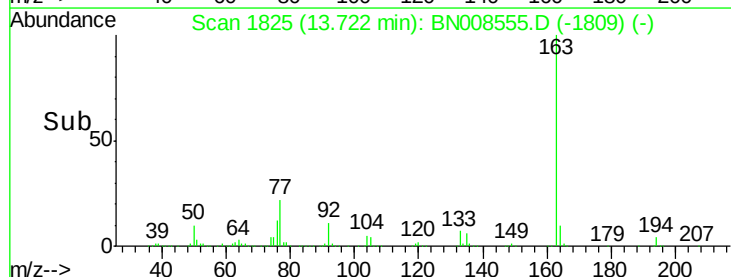
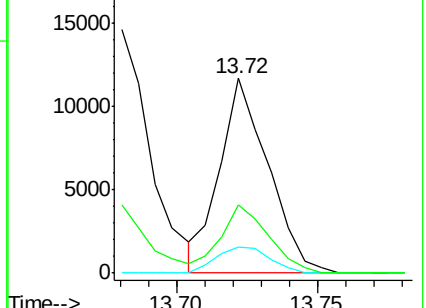
121 35.2 18.8 28.2#

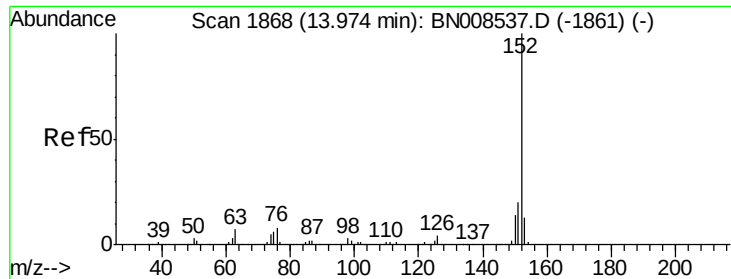


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BNC

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 24.247 ng/ul

RT: 13.98 min Scan# 1869

Delta R.T. 0.01 min

Lab File: BN008555.D

Acq: 14 Nov 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

A5458

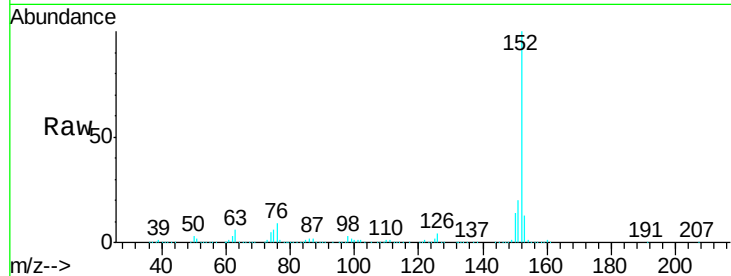
Tgt Ion:152 Resp: 1755627

Ion Ratio Lower Upper

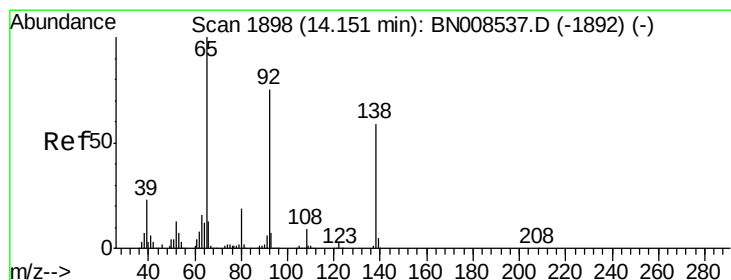
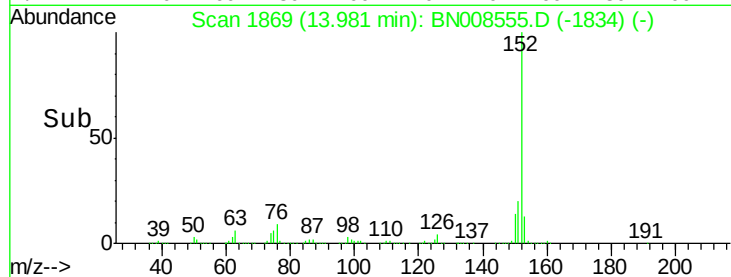
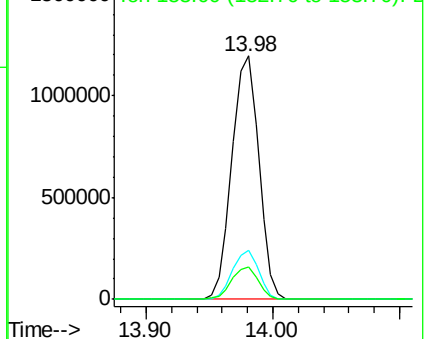
152 100

151 20.2 16.2 24.2

153 13.3 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: 50.998 ng/ul

RT: 14.16 min Scan# 1899

Delta R.T. 0.01 min

Lab File: BN008555.D

Acq: 14 Nov 2019 12:58

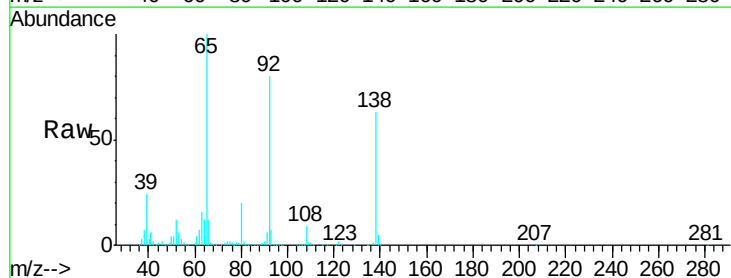
Tgt Ion:138 Resp: 486820

Ion Ratio Lower Upper

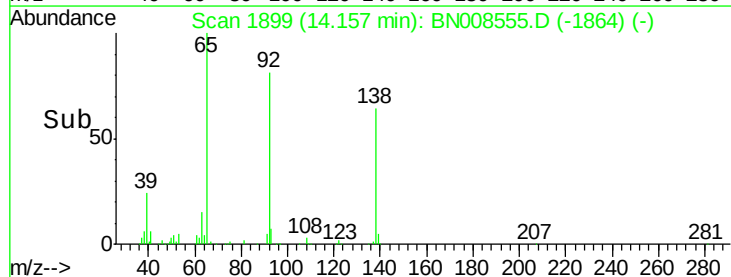
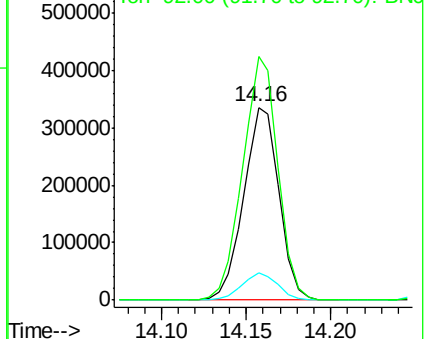
138 100

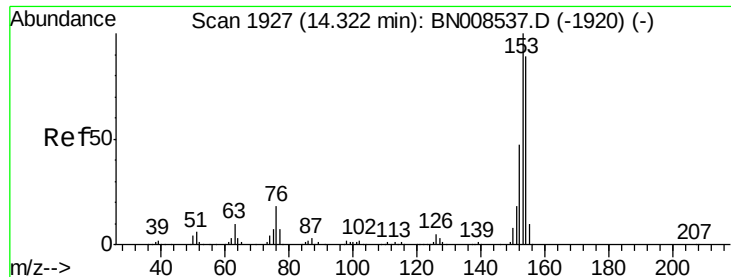
108 13.9 16.7 25.1#

92 126.5 103.7 155.5



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: 36.006 ng/ul

RT: 14.33 min Scan# 1928

Delta R.T. 0.01 min

Lab File: BN008555.D

Acq: 14 Nov 2019 12:58

Instrument :

MSVOA_N

ClientSampled :

A5458

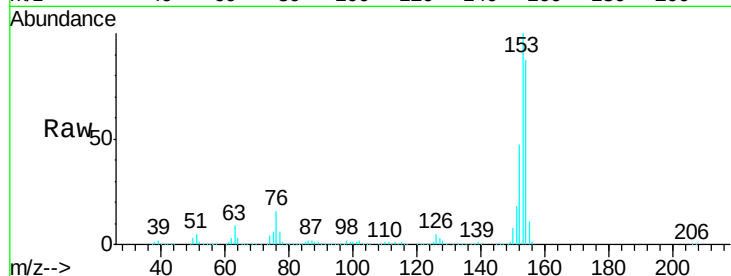
Tgt Ion:153 Resp: 1795739

Ion Ratio Lower Upper

153 100

152 47.0 38.7 58.1

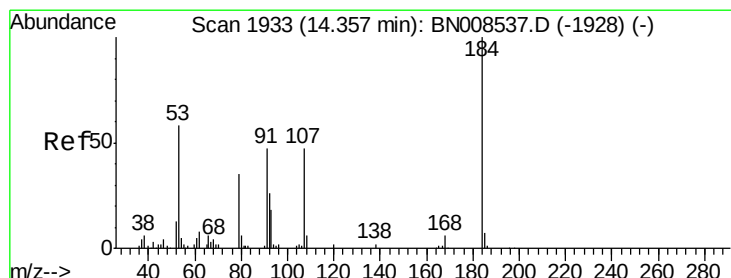
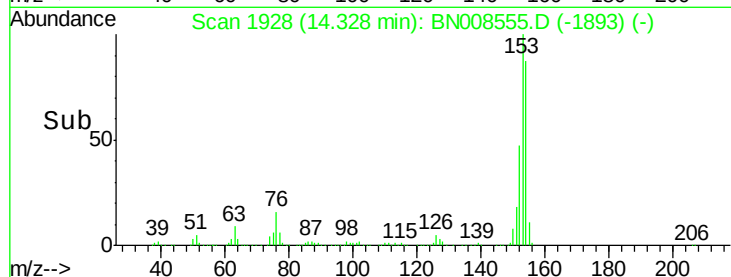
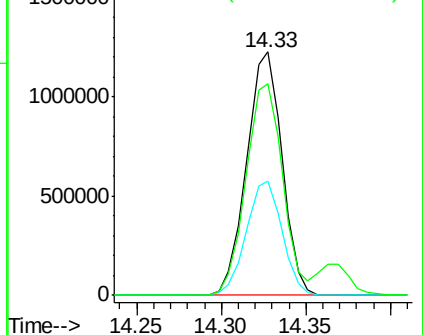
154 87.0 71.3 106.9



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: 77.476 ng/ul

RT: 14.36 min Scan# 1934

Delta R.T. 0.01 min

Lab File: BN008555.D

Acq: 14 Nov 2019 12:58

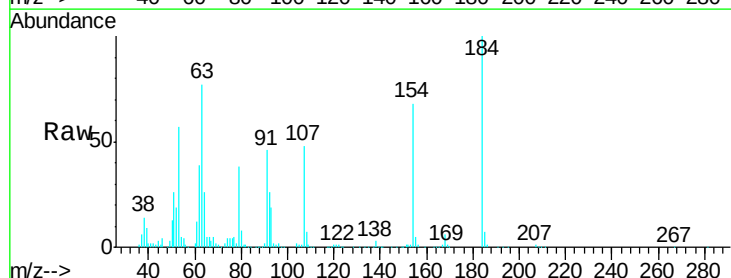
Tgt Ion:184 Resp: 325838

Ion Ratio Lower Upper

184 100

63 77.0 64.0 96.0

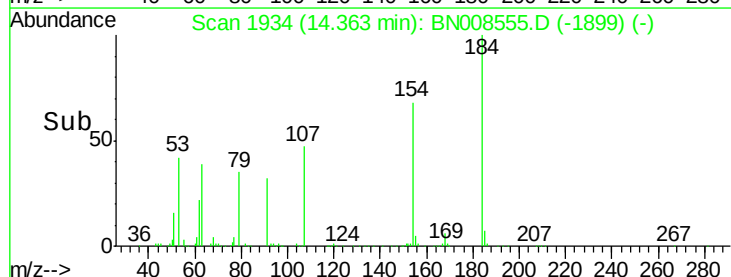
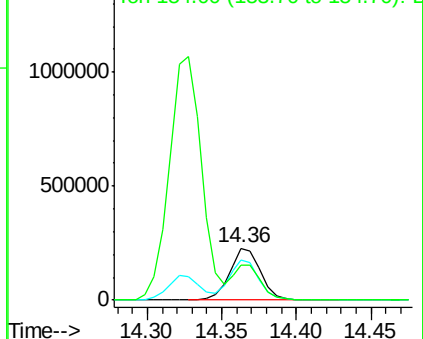
154 68.3 50.6 76.0

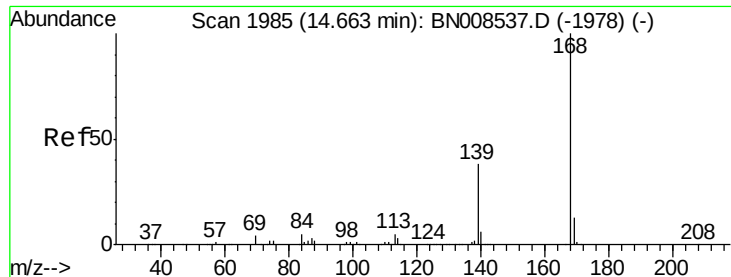


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 154.00 (153.70 to 154.70): E





#53

Dibenzenofuran

Concen: 20.780 ng/ul

RT: 14.66 min Scan# 1985

Delta R.T. 0.00 min

Lab File: BN008555.D

Acq: 14 Nov 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

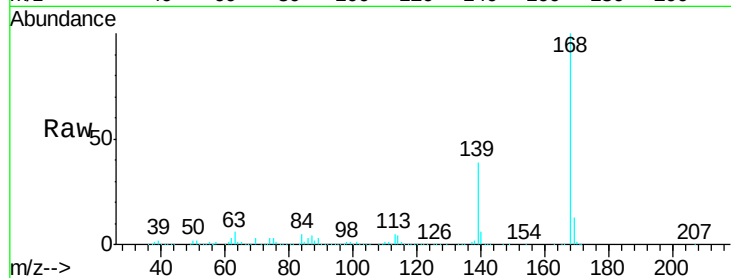
A5458

Tgt Ion:168 Resp: 1497604

Ion Ratio Lower Upper

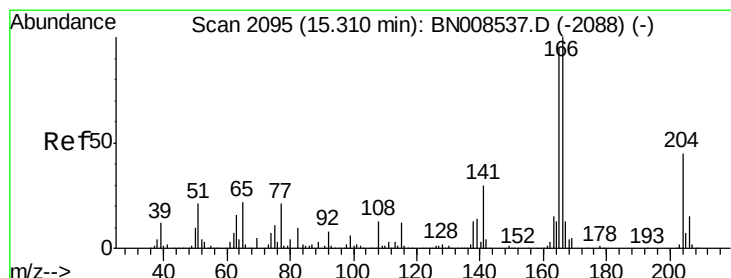
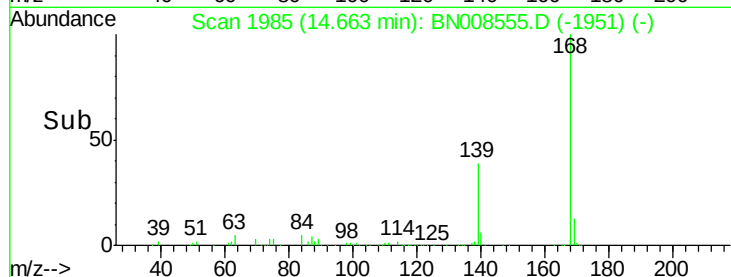
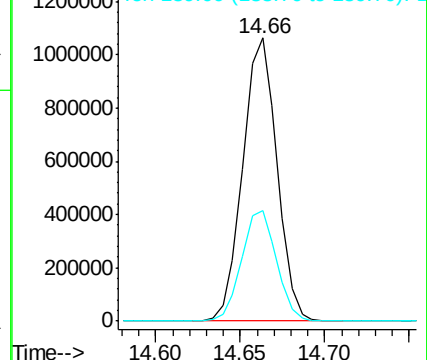
168 100

139 39.1 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: 8.628 ng/ul

RT: 15.31 min Scan# 2095

Delta R.T. 0.00 min

Lab File: BN008555.D

Acq: 14 Nov 2019 12:58

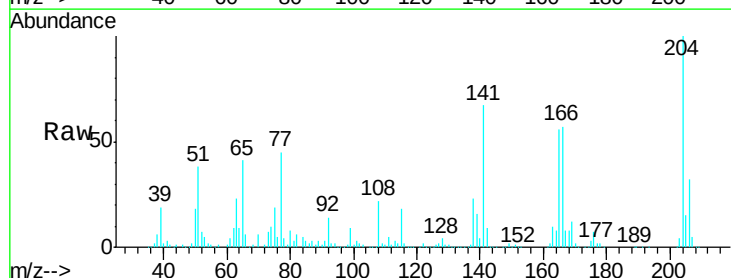
Tgt Ion:166 Resp: 491653

Ion Ratio Lower Upper

166 100

165 97.4 79.0 118.6

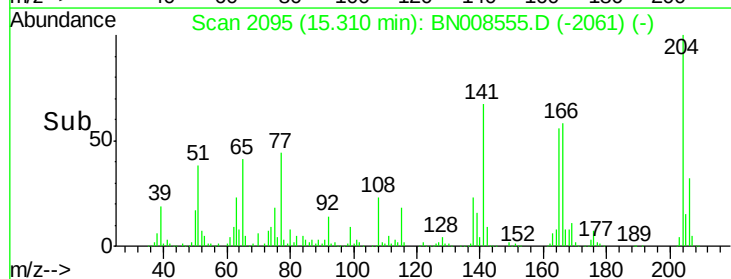
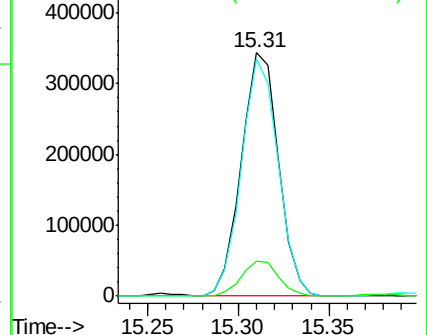
167 14.2 10.6 15.8

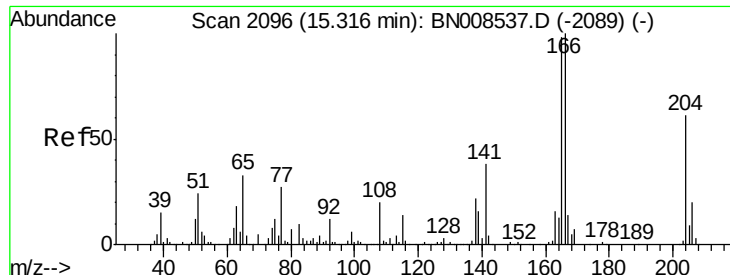


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

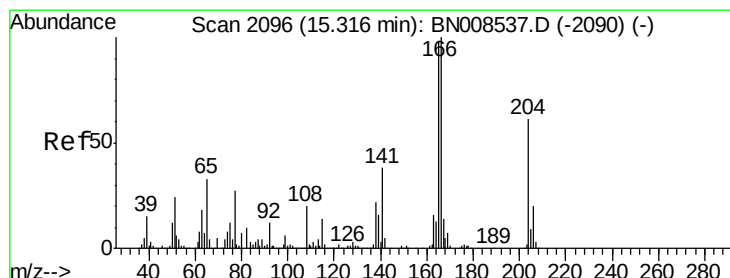
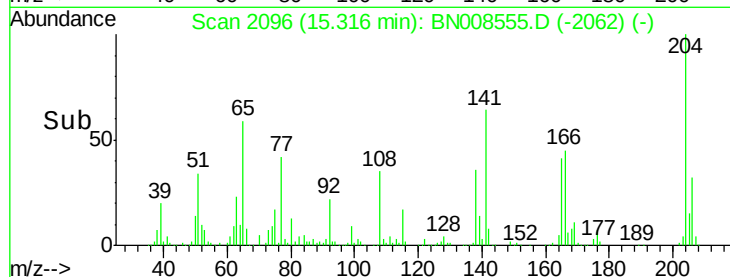
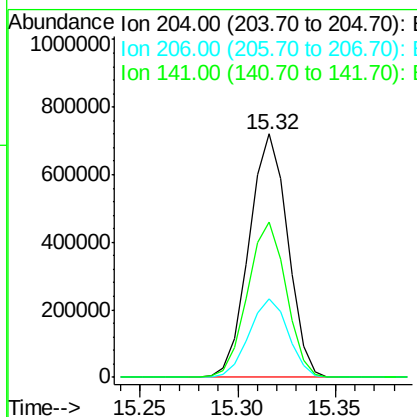
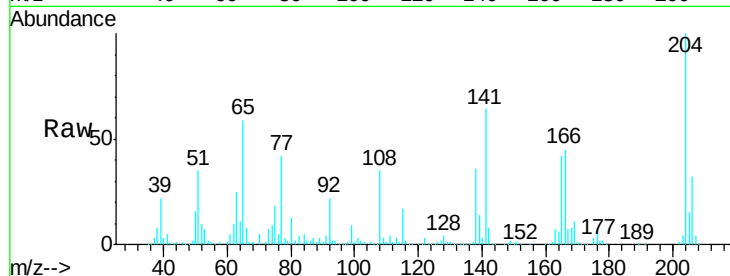




#59
 4-Chlorophenyl-phenylether
 Concen: 34.899 ng/ul
 RT: 15.32 min Scan# 2096
 Delta R.T. 0.00 min
 Lab File: BN008555.D
 Acq: 14 Nov 2019 12:58

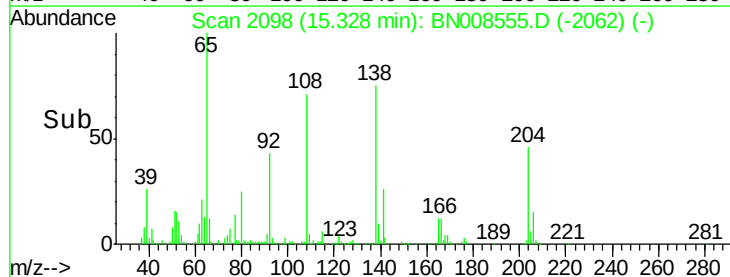
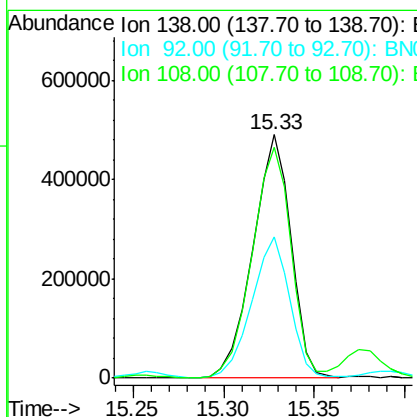
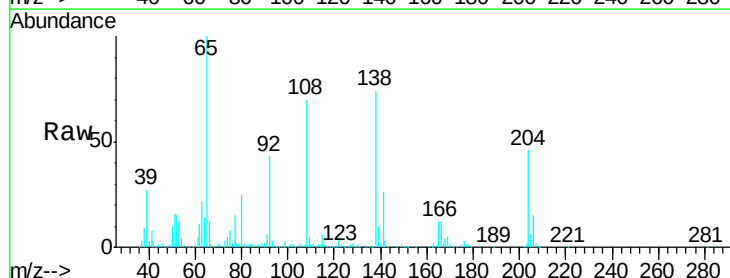
Instrument :
 MSVOA_N
 ClientSampled :
 A5458

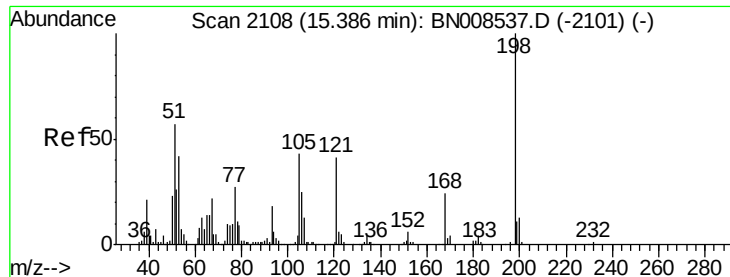
Tgt Ion:	204	Resp:	989910
Ion	Ratio	Lower	Upper
204	100		
206	32.2	25.3	37.9
141	63.7	50.2	75.4



#60
 4-Nitroaniline
 Concen: 62.992 ng/ul
 RT: 15.33 min Scan# 2098
 Delta R.T. 0.01 min
 Lab File: BN008555.D
 Acq: 14 Nov 2019 12:58

Tgt Ion:	138	Resp:	716850
Ion	Ratio	Lower	Upper
138	100		
92	57.8	42.6	64.0
108	94.8	71.4	107.0

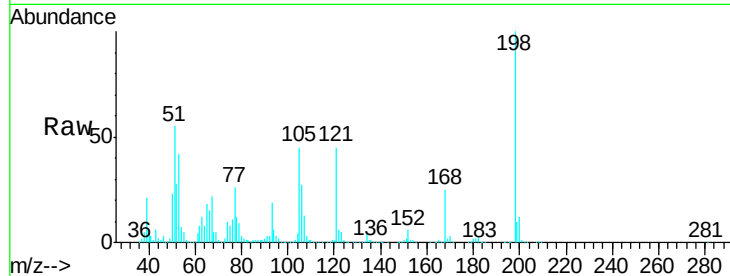




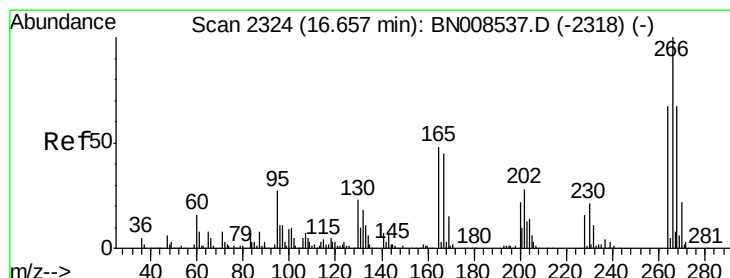
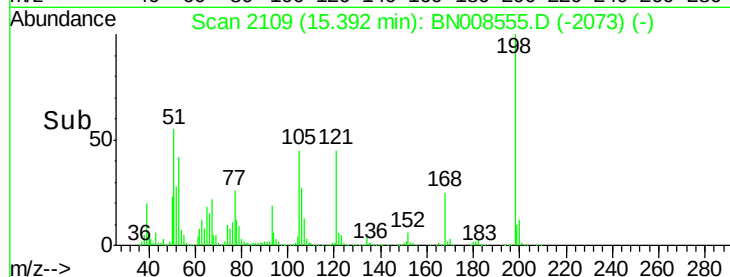
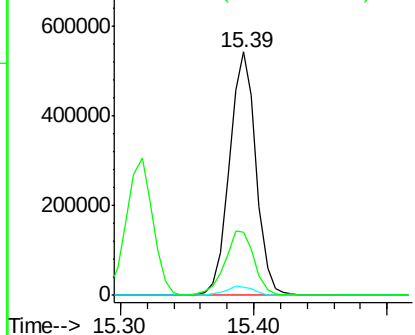
#63
 4,6-Dinitro-2-methylphenol
 Concen: 104.297 ng/ul
 RT: 15.39 min Scan# 2109
 Delta R.T. 0.01 min
 Lab File: BN008555.D
 Acq: 14 Nov 2019 12:58

Instrument :
 MSVOA_N
 ClientSampleId :
 A5458

Tgt Ion:198 Resp: 751364
 Ion Ratio Lower Upper
 198 100
 182 3.2 4.4 6.6#
 77 25.8 22.1 33.1

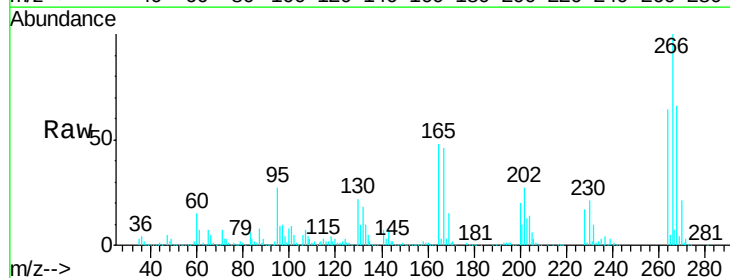


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BNC

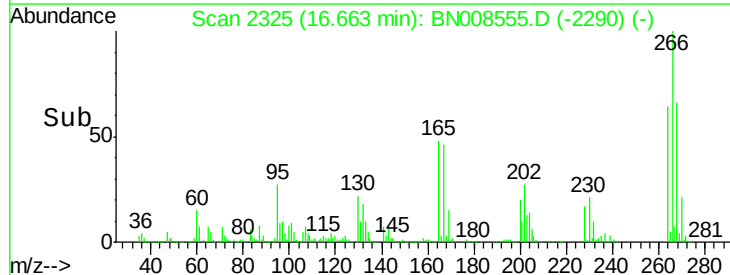
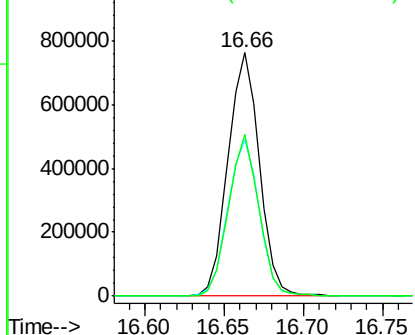


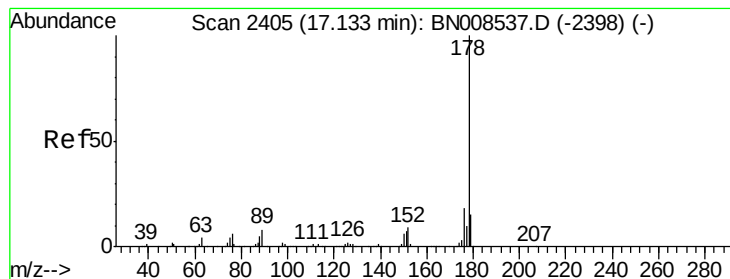
#68
 Pentachlorophenol
 Concen: 98.620 ng/ul
 RT: 16.66 min Scan# 2325
 Delta R.T. 0.01 min
 Lab File: BN008555.D
 Acq: 14 Nov 2019 12:58

Tgt Ion:266 Resp: 1043199
 Ion Ratio Lower Upper
 266 100
 264 64.1 48.2 72.4
 268 66.2 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: 32.264 ng/ul

RT: 17.14 min Scan# 2406

Delta R.T. 0.01 min

Lab File: BN008555.D

Acq: 14 Nov 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

A5458

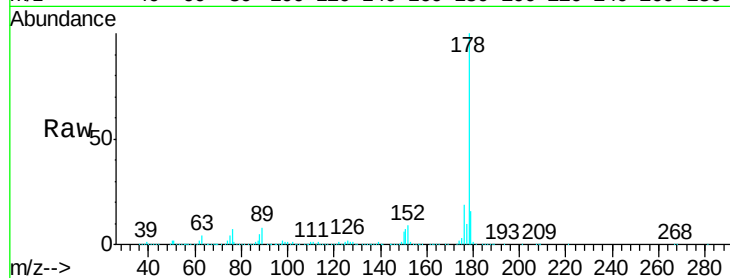
Tgt Ion:178 Resp: 3016965

Ion Ratio Lower Upper

178 100

179 15.5 12.8 19.2

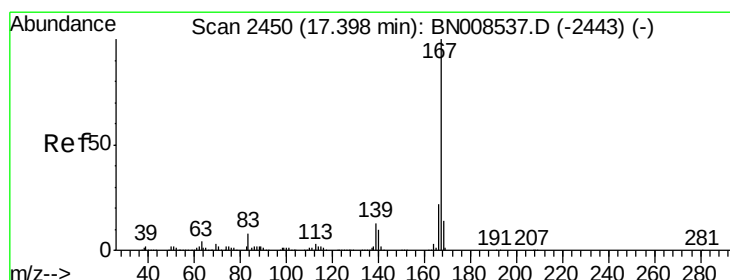
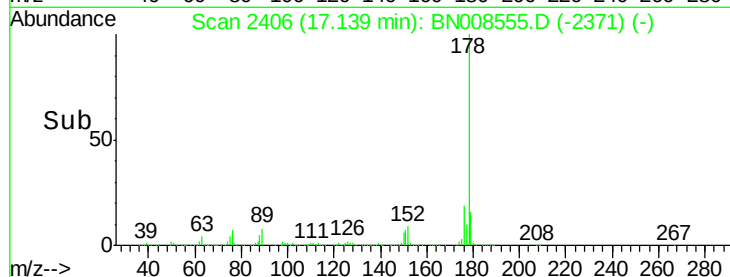
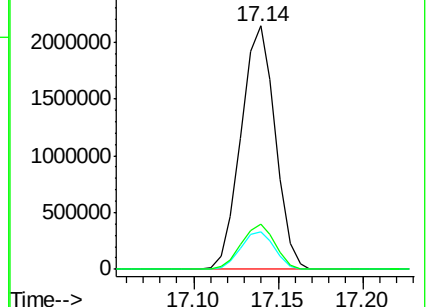
176 18.6 14.6 21.8



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: 41.446 ng/ul

RT: 17.40 min Scan# 2451

Delta R.T. 0.01 min

Lab File: BN008555.D

Acq: 14 Nov 2019 12:58

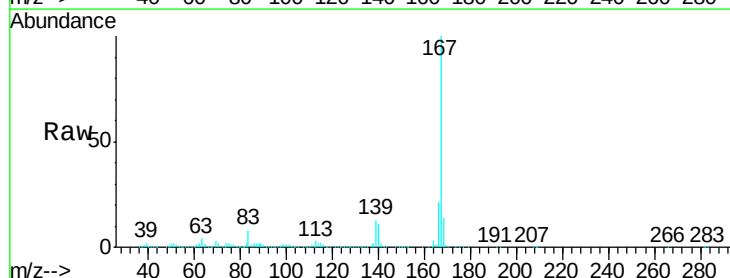
Tgt Ion:167 Resp: 3463112

Ion Ratio Lower Upper

167 100

166 21.4 17.7 26.5

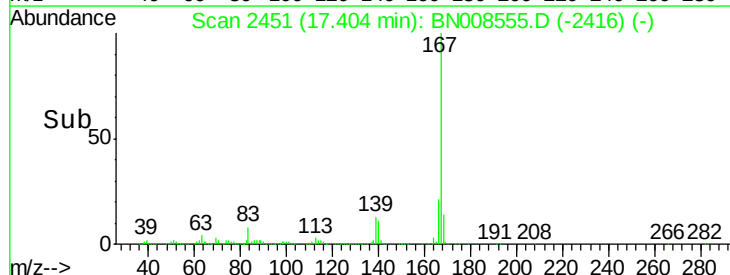
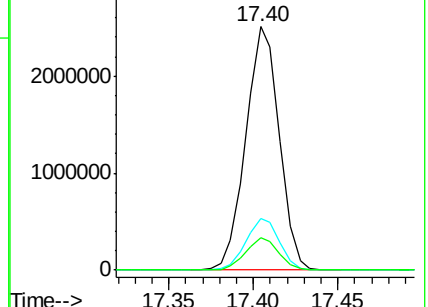
139 13.4 10.8 16.2

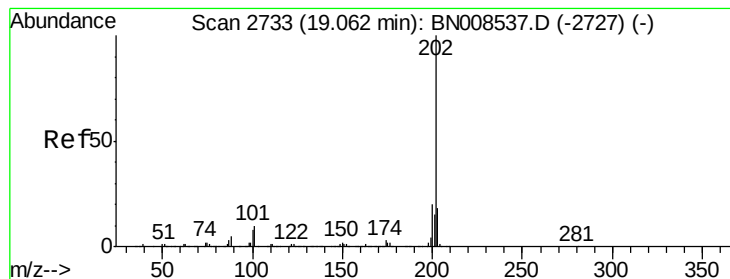


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#76

Fluoranthene

Concen: 20.941 ng/ul

RT: 19.07 min Scan# 2734

Delta R.T. 0.01 min

Lab File: BN008555.D

Acq: 14 Nov 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

A5458

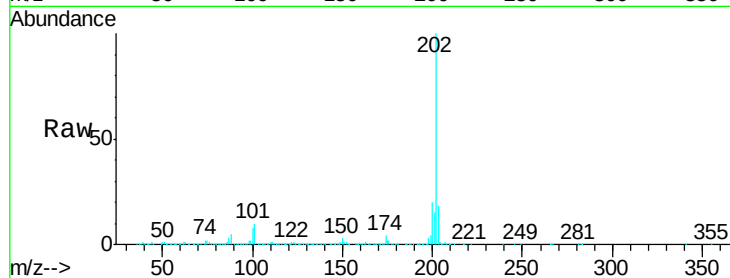
Tgt Ion:202 Resp: 2201268

Ion Ratio Lower Upper

202 100

101 9.7 8.6 12.8

100 7.9 6.8 10.2

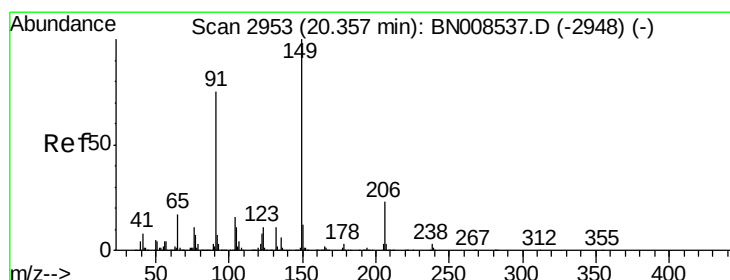
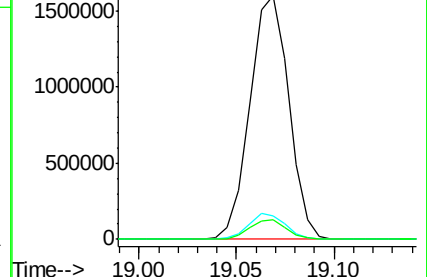
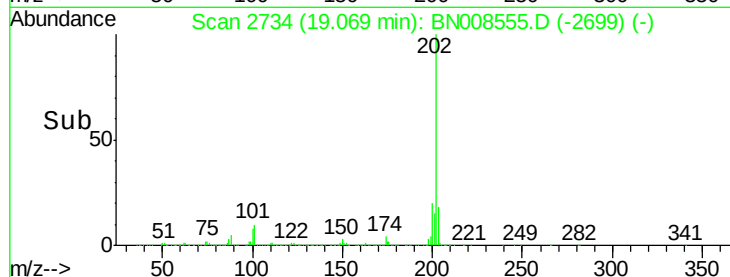


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

19.07



#80

Butylbenzylphthalate

Concen: 31.551 ng/ul

RT: 20.36 min Scan# 2953

Delta R.T. 0.00 min

Lab File: BN008555.D

Acq: 14 Nov 2019 12:58

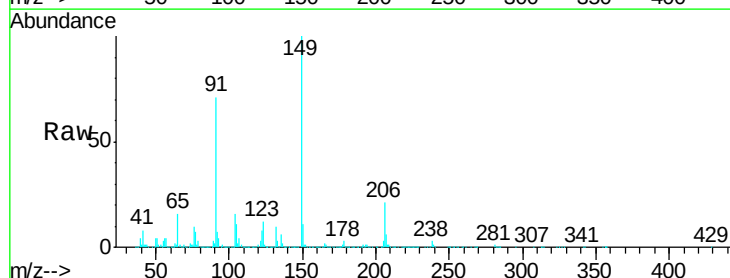
Tgt Ion:149 Resp: 1258279

Ion Ratio Lower Upper

149 100

91 71.5 60.9 91.3

206 21.0 15.9 23.9

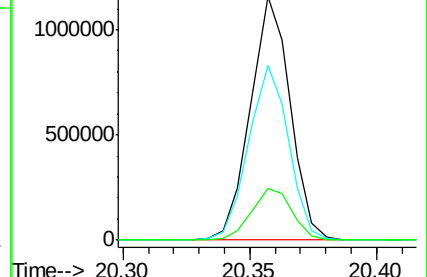
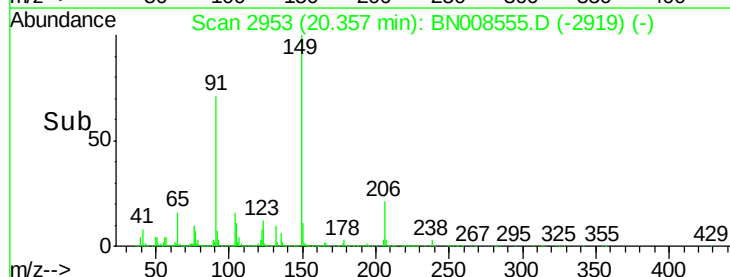


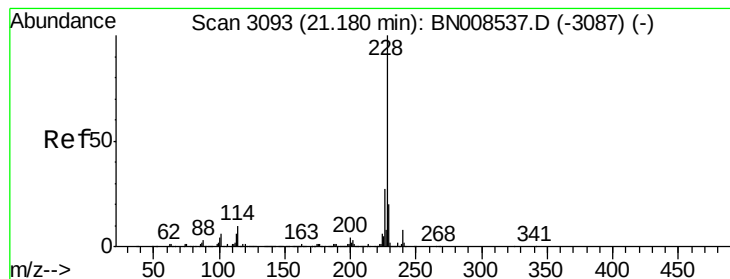
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E

20.36





#82

Benzo(a)anthracene

Concen: 31.946 ng/ul

RT: 21.24 min Scan# 3103

Delta R.T. 0.05 min

Lab File: BN008555.D

Acq: 14 Nov 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

A5458

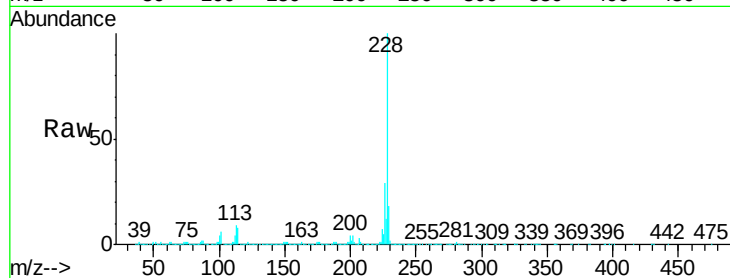
Tgt Ion:228 Resp: 3386271

Ion Ratio Lower Upper

228 100

229 18.3 16.2 24.4

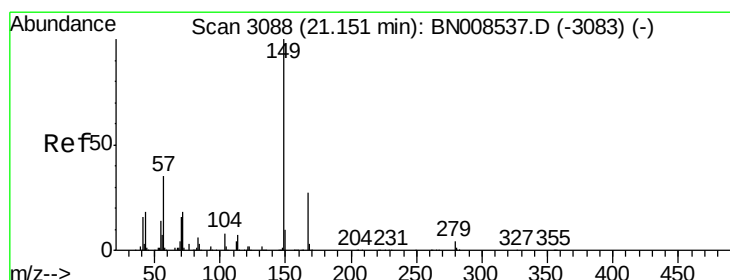
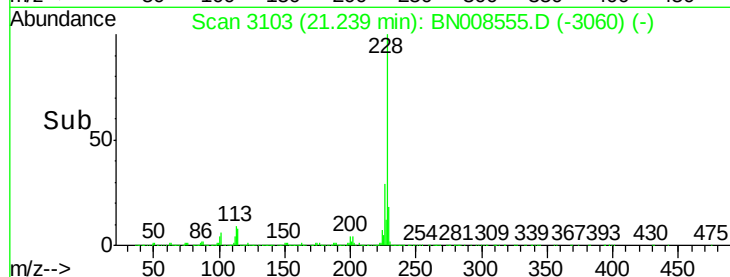
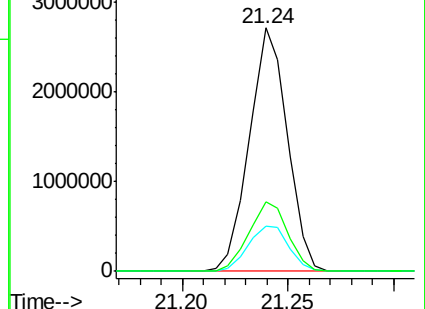
226 28.8 21.9 32.9



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: 27.112 ng/ul

RT: 21.16 min Scan# 3089

Delta R.T. 0.00 min

Lab File: BN008555.D

Acq: 14 Nov 2019 12:58

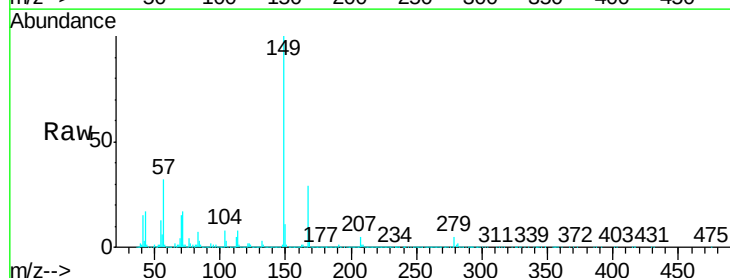
Tgt Ion:149 Resp: 1772580

Ion Ratio Lower Upper

149 100

167 28.7 22.1 33.1

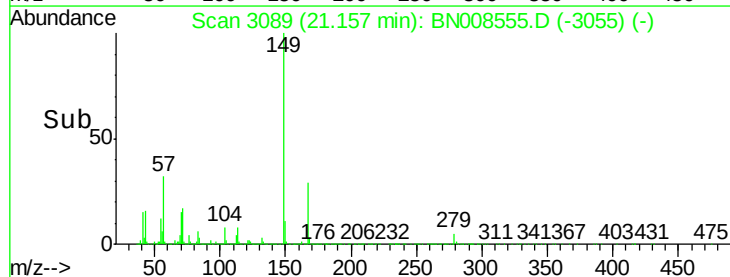
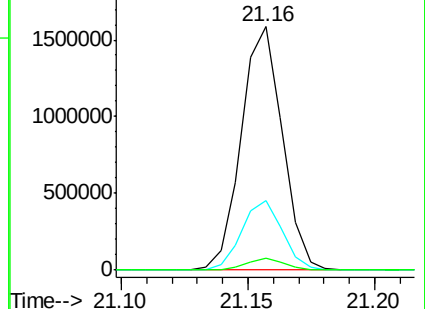
279 4.9 2.9 4.3#

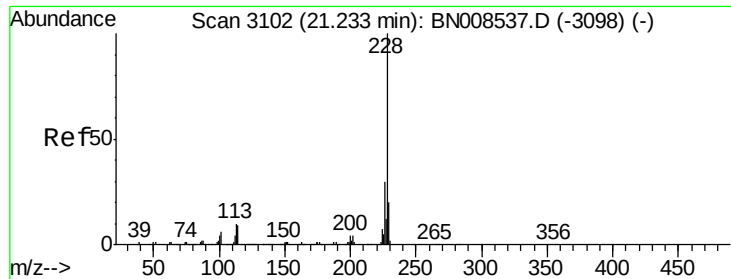


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 34.110 ng/ul

RT: 21.24 min Scan# 3103

Delta R.T. 0.00 min

Lab File: BN008555.D

Acq: 14 Nov 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

A5458

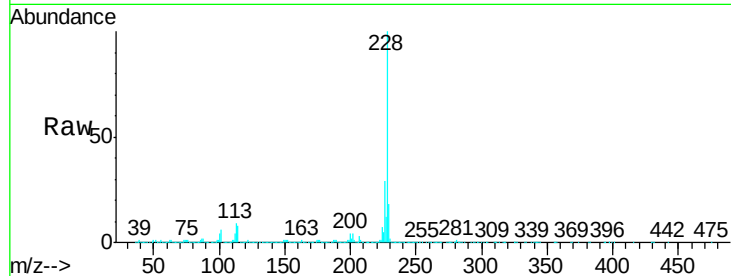
Tgt Ion:228 Resp: 3386271

Ion Ratio Lower Upper

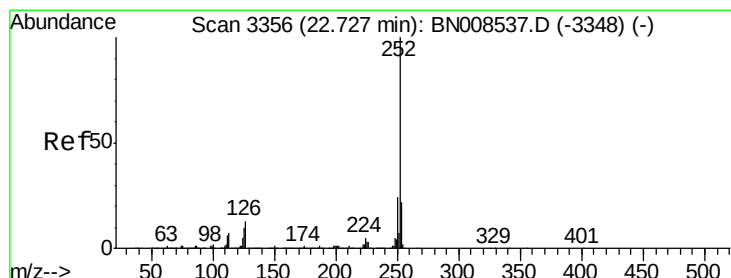
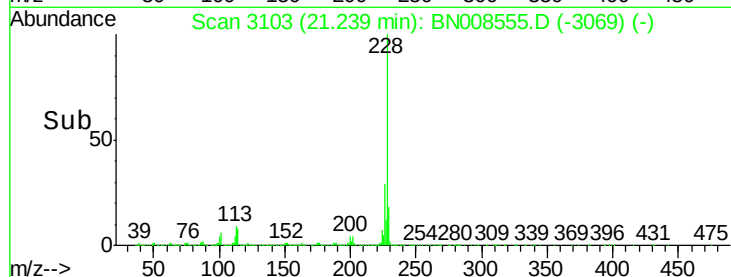
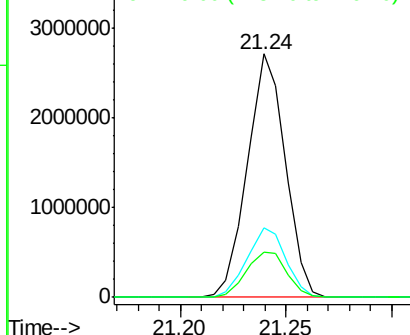
228 100

226 28.8 22.8 34.2

229 18.3 16.0 24.0



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: 40.836 ng/ul

RT: 22.79 min Scan# 3366

Delta R.T. 0.05 min

Lab File: BN008555.D

Acq: 14 Nov 2019 12:58

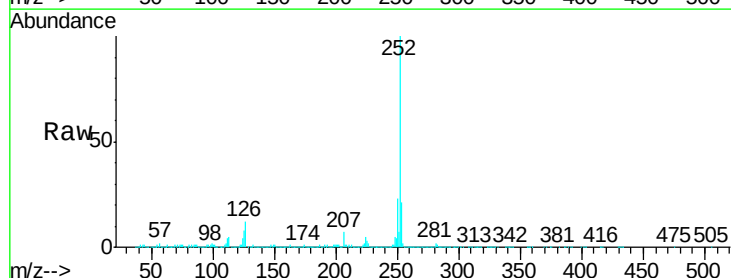
Tgt Ion:252 Resp: 4250682

Ion Ratio Lower Upper

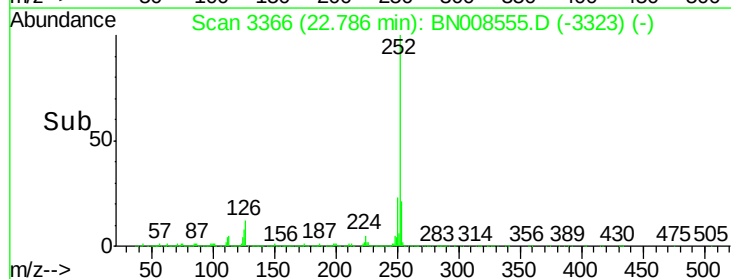
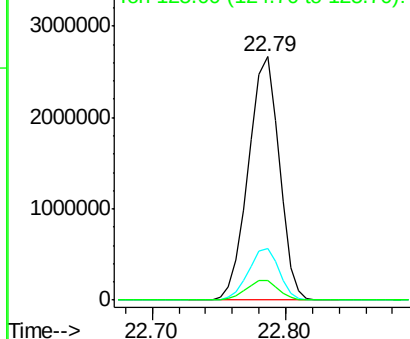
252 100

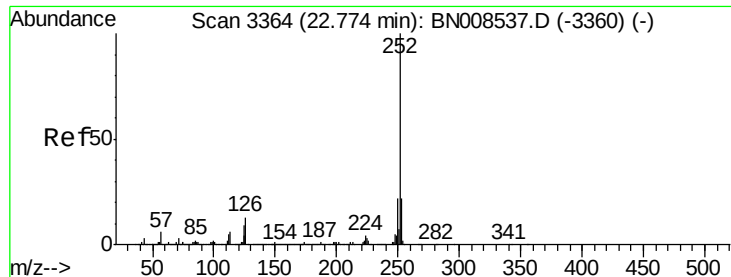
253 21.0 17.8 26.8

125 8.3 7.8 11.6



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: 43.377 ng/ul

RT: 22.79 min Scan# 3366

Delta R.T. 0.01 min

Lab File: BN008555.D

Acq: 14 Nov 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

A5458

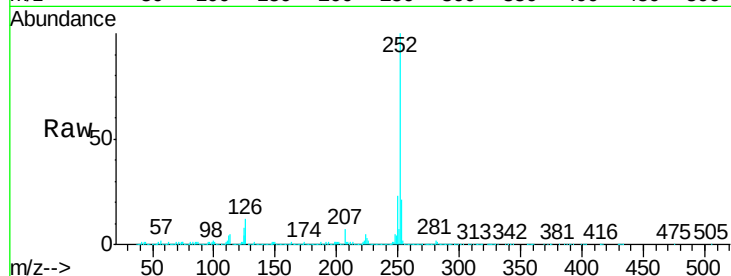
Tgt Ion:252 Resp: 4250682

Ion Ratio Lower Upper

252 100

253 21.0 17.7 26.5

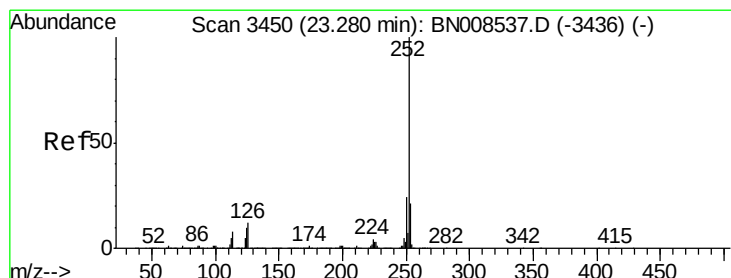
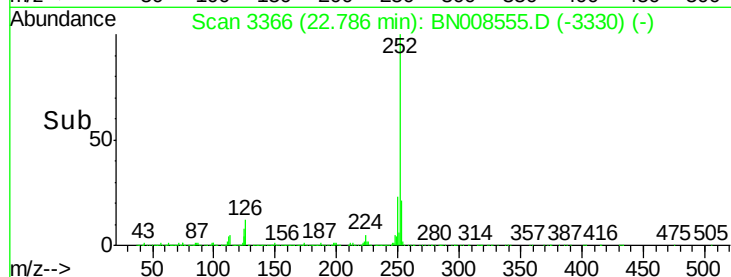
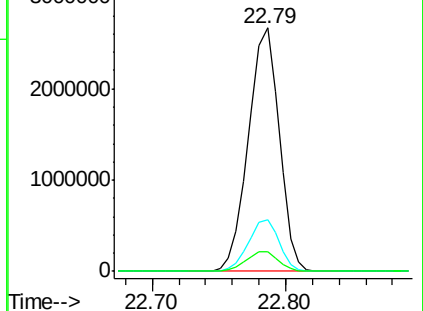
125 8.3 7.4 11.2



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: 40.123 ng/ul

RT: 23.30 min Scan# 3453

Delta R.T. 0.01 min

Lab File: BN008555.D

Acq: 14 Nov 2019 12:58

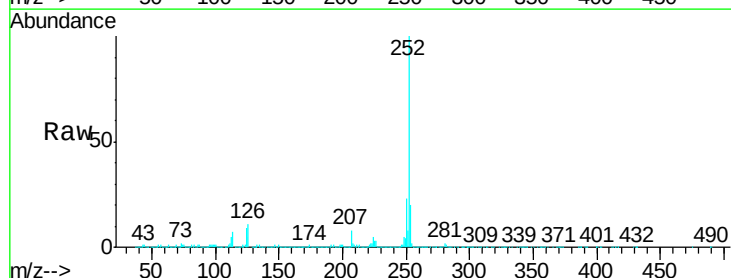
Tgt Ion:252 Resp: 3971767

Ion Ratio Lower Upper

252 100

253 20.4 17.2 25.8

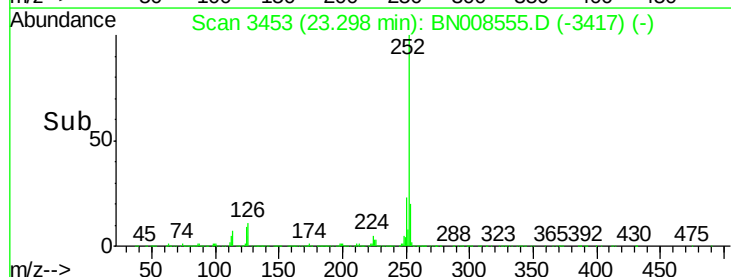
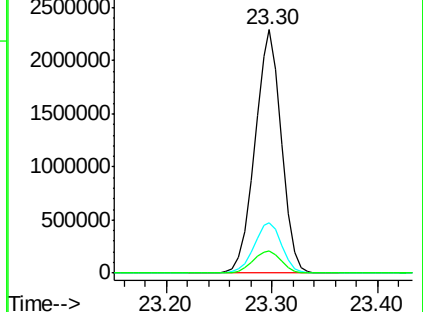
125 8.9 8.6 12.8

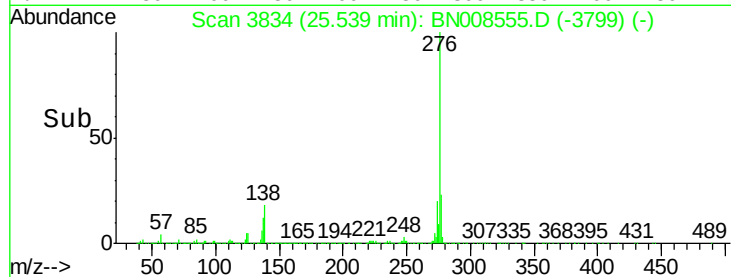
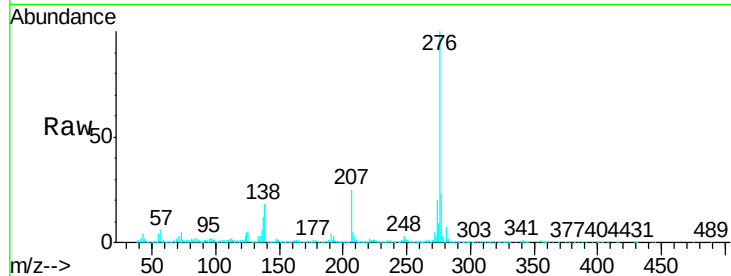
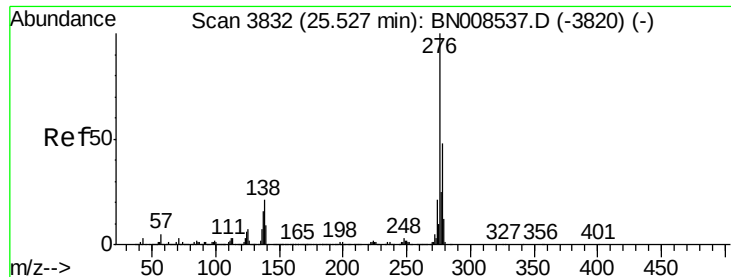


Abundance Ion 252.00 (251.70 to 252.70): E

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: 16.783 ng/ul

RT: 25.54 min Scan# 3834

Delta R.T. 0.01 min

Lab File: BN008555.D

Acq: 14 Nov 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

A5458

Tgt Ion:276 Resp: 1902222

Ion Ratio Lower Upper

276 100

138 18.4 18.6 28.0#

277 23.2 19.7 29.5

