

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122718\
 Data File : BN004235.D
 Acq On : 27 Dec 2018 10:42
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SSTD02042

Quant Time: Dec 28 00:25:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 27 05:47:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	19790	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	98658	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	62859	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	150568	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	189005	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	216074	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	2782	9.20	ng/uL	0.00
5) Phenol-d5	6.99	99	36956	19.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	20406	19.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	30825	20.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	31656	19.41	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	15384	19.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	17995	20.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	33416	20.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	32582	21.44	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	110140	19.63	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	136833	20.55	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	17983	15.50	ng/ul	0.00
57) Fluorene-d10	15.45	176	96413	19.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	19447	17.93	ng/ul	0.00
70) Anthracene-d10	17.30	188	154302	20.28	ng/ul	0.00
78) Pyrene-d10	19.60	212	173609	20.53	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.57	264	241695	20.62	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.32	88	3126	9.396	ng/uL# 78
4) Benzaldehyde	6.98	77	6065	18.238	ng/ul 98
6) Phenol	7.02	94	37275	18.980	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.25	93	27732	19.661	ng/ul 99
10) 2-Chlorophenol	7.39	128	30390	19.970	ng/ul 98
11) 2-Methylphenol	8.26	108	29167	19.203	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.35	45	38279	19.739	ng/ul 99
14) Acetophenone	8.65	105	46751	19.174	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.62	70	23274	19.330	ng/ul 99
16) 4-Methylphenol	8.59	108	32531	19.487	ng/ul 99
17) Hexachloroethane	8.89	117	11082	20.027	ng/ul 97
20) Nitrobenzene	9.03	77	33180	19.599	ng/ul 99
21) Isophorone	9.55	82	68551	19.496	ng/ul 98
23) 2-Nitrophenol	9.74	139	19439	20.882	ng/ul 97
24) 2,4-Dimethylphenol	9.79	107	36450	20.218	ng/ul 99
25) Bis(2-Chloroethoxy)methane	10.02	93	41722	19.828	ng/ul 99
27) 2,4-Dichlorophenol	10.27	162	32110	20.397	ng/ul 99
28) Naphthalene	10.67	128	105390	19.910	ng/ul 100
30) 4-Chloroaniline	10.79	127	33370	21.629	ng/ul 98
31) Hexachlorobutadiene	10.92	225	19081	20.835	ng/ul 98
32) Caprolactam	11.56	113	11490	18.186	ng/ul 98
33) 4-Chloro-3-methylphenol	11.91	107	36676	20.174	ng/ul 97
34) 2-Methylnaphthalene	12.27	142	79503	19.943	ng/ul 97

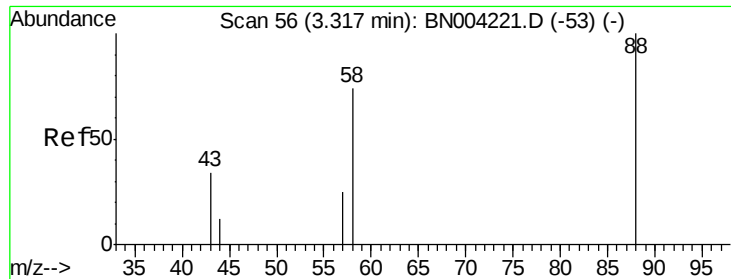
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	39977	20.711	ng/ul	97
37) Hexachlorocyclopentadiene	12.60	237	19707	16.624	ng/ul	99
38) 2,4,6-Trichlorophenol	12.89	196	26631	20.492	ng/ul	100
39) 2,4,5-Trichlorophenol	12.97	196	28961	20.152	ng/ul	98
40) 1,1'-Biphenyl	13.29	154	104190	20.389	ng/ul	99
41) 2-Chloronaphthalene	13.34	162	81658	20.522	ng/ul	99
42) 2-Nitroaniline	13.56	65	22482	20.122	ng/ul	97
44) Dimethylphthalate	13.91	163	107340	19.596	ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	22239	20.002	ng/ul	98
47) Acenaphthylene	14.19	152	128495	20.261	ng/ul	99
48) 3-Nitroaniline	14.39	138	22373	19.790	ng/ul	96
49) Acenaphthene	14.52	153	91106	20.174	ng/ul	100
50) 2,4-Dinitrophenol	14.60	184	16230	22.521	ng/ul	97
52) 4-Nitrophenol	14.70	109	11576	15.803	ng/ul	99
53) Dibenzofuran	14.86	168	128325	20.018	ng/ul	100
54) 2,4-Dinitrotoluene	14.85	165	33901	19.597	ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	15.09	232	25601	19.035	ng/ul	98
56) Diethylphthalate	15.27	149	109420	19.537	ng/ul	100
58) Fluorene	15.51	166	106851	20.019	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.50	204	52684	19.921	ng/ul	99
60) 4-Nitroaniline	15.55	138	24984	17.779	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.60	198	19638	17.625	ng/ul#	98
64) N-Nitrosodiphenylamine	15.72	169	94502	20.738	ng/ul	99
65) 4-Bromophenyl-phenylether	16.39	248	35329	20.871	ng/ul	97
66) Hexachlorobenzene	16.50	284	43412	20.500	ng/ul	98
67) Atrazine	16.66	200	33699	20.288	ng/ul	97
68) Pentachlorophenol	16.86	266	16555	13.693	ng/ul	99
69) Phenanthrene	17.25	178	175173	20.136	ng/ul	100
71) Anthracene	17.34	178	179905	20.174	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.26	216	40018	21.223	ng/uL	97
73) Pentachlorobenzene	14.77	250	44969	20.872	ng/uL	99
74) Carbazole	17.62	167	165918	20.248	ng/ul	99
75) Di-n-butylphthalate	18.15	149	193121	19.996	ng/ul	100
76) Fluoranthene	19.27	202	212567	19.934	ng/ul	98
79) Pyrene	19.63	202	219092	20.749	ng/ul	98
80) Butylbenzylphthalate	20.52	149	96948	20.548	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.32	252	91109	20.954	ng/ul	99
82) Benzo(a)anthracene	21.38	228	236918	20.102	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.28	149	143099	19.855	ng/ul	100
84) Chrysene	21.43	228	222027	20.112	ng/ul	99
86) Di-n-octyl phthalate	22.17	149	254768	20.980	ng/ul	99
87) Benzo(b)fluoranthene	23.02	252	258667	19.984	ng/ul	99
88) Benzo(k)fluoranthene	23.06	252	258328	21.315	ng/ul	98
90) Benzo(a)pyrene	23.62	252	253099	20.304	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	26.09	276	301170	18.535	ng/ul	100
92) Dibenzo(a,h)anthracene	26.09	278	256150	18.964	ng/ul	99
93) Benzo(g,h,i)perylene	26.81	276	244629	17.987	ng/ul	99

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



#2

1,4-Dioxane

Concen: 9.396 ng/uL

RT: 3.32 min Scan# 56

Delta R.T. -0.00 min

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ClientSampled :

SSTD02042

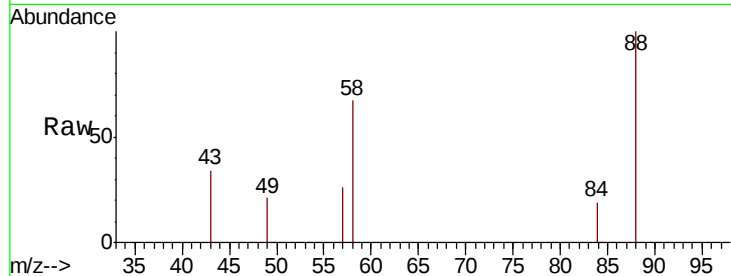
Tgt Ion: 88 Resp: 3126

Ion Ratio Lower Upper

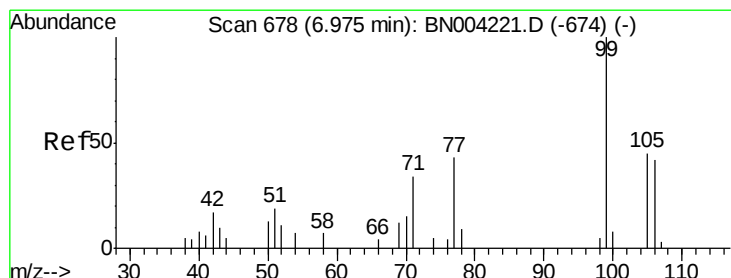
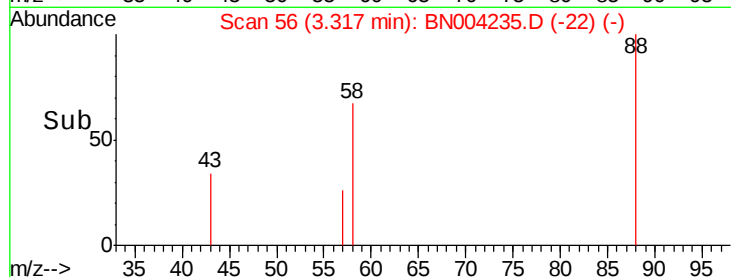
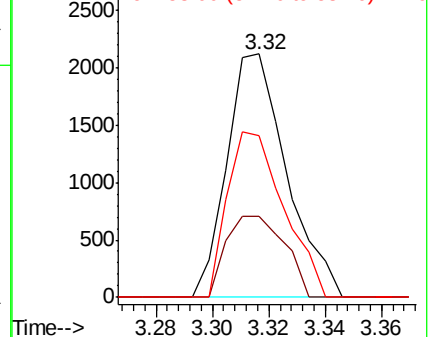
88 100

43 32.4 48.4 72.6#

58 63.8 56.9 85.3



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



#4

Benzaldehyde

Concen: 18.238 ng/uL

RT: 6.98 min Scan# 678

Delta R.T. -0.00 min

Lab File: BN004235.D

Acq: 27 Dec 2018 10:42

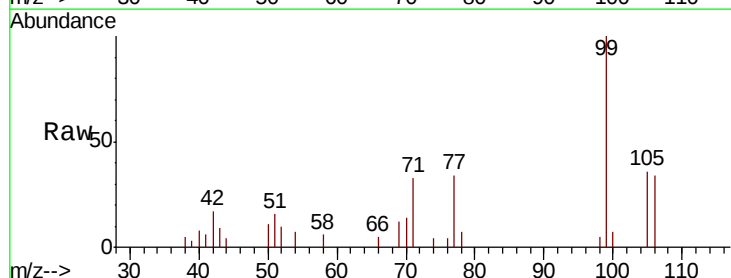
Tgt Ion: 77 Resp: 6065

Ion Ratio Lower Upper

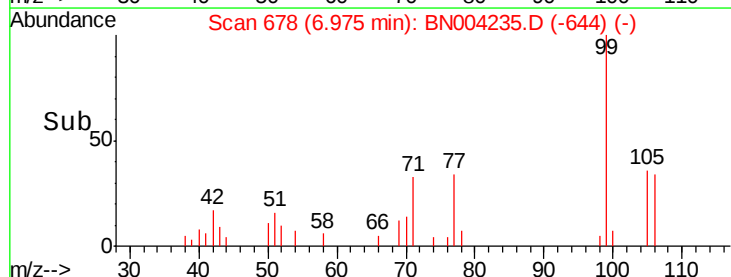
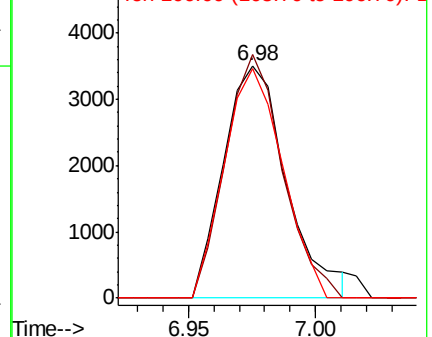
77 100

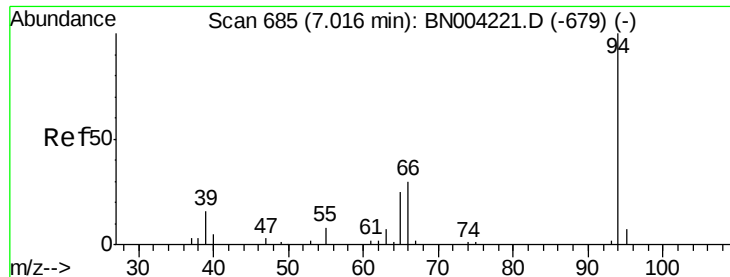
105 104.7 80.2 120.4

106 98.8 78.8 118.2



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





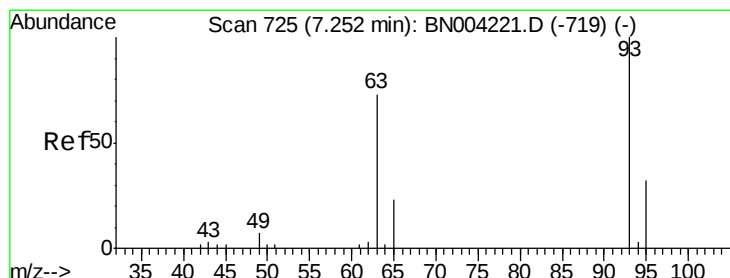
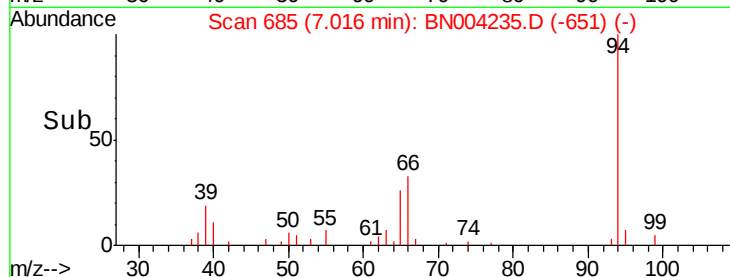
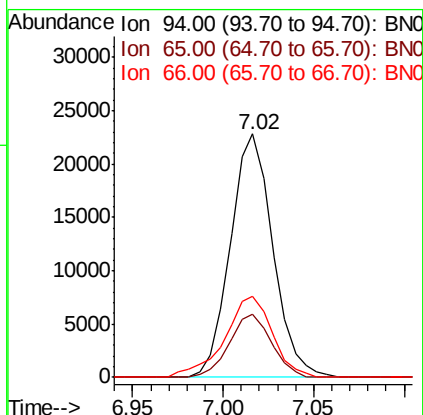
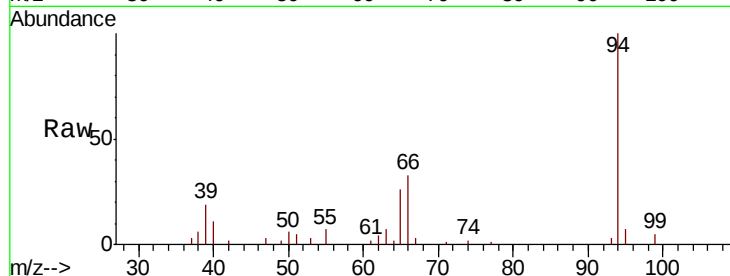
#6

Phenol

Concen: 18.980 ng/ul
 RT: 7.02 min Scan# 685
 Delta R.T. -0.00 min
 Lab File: BN004235.D
 Acq: 27 Dec 2018 10:42

Instrument :
 MSVOA_W
 ClientSampleId :
 SSTD02042

Tgt Ion: 94 Resp: 37275
 Ion Ratio Lower Upper
 94 100
 65 25.8 21.2 31.8
 66 33.1 26.9 40.3

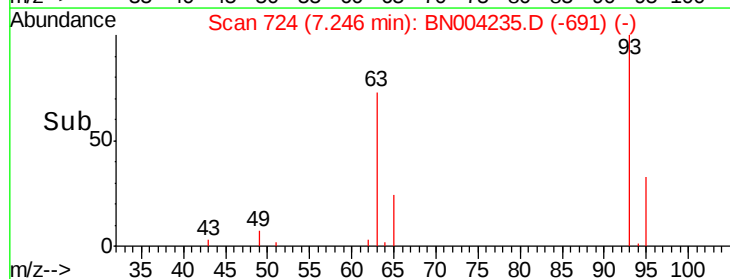
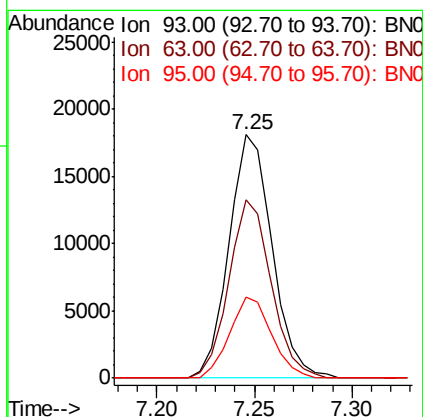
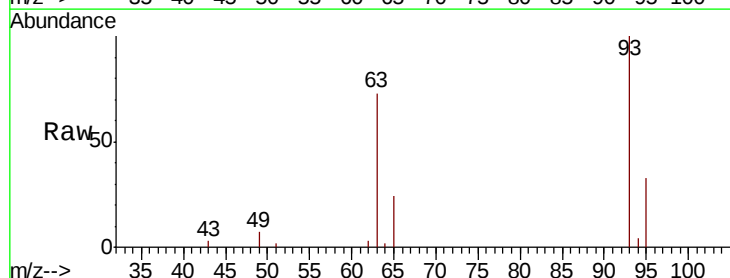


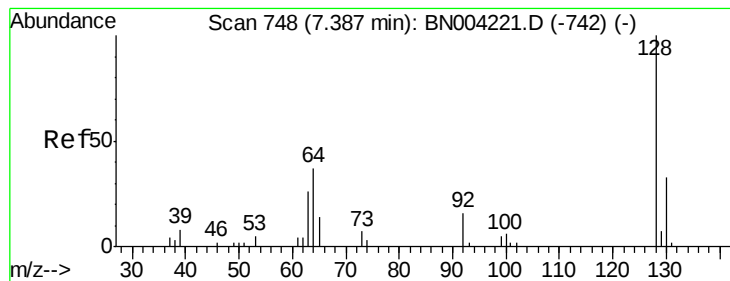
#8

Bis(2-Chloroethyl)ether

Concen: 19.661 ng/ul
 RT: 7.25 min Scan# 724
 Delta R.T. -0.01 min
 Lab File: BN004235.D
 Acq: 27 Dec 2018 10:42

Tgt Ion: 93 Resp: 27732
 Ion Ratio Lower Upper
 93 100
 63 73.3 57.8 86.8
 95 33.3 26.9 40.3





#10

2-Chlorophenol

Concen: 19.970 ng/ul

RT: 7.39 min Scan# 748

Delta R.T. -0.00 min

Lab File: BN004235.D

Acq: 27 Dec 2018 10:42

Instrument :

MSVOA_W

ClientSampleId :

SSTD02042

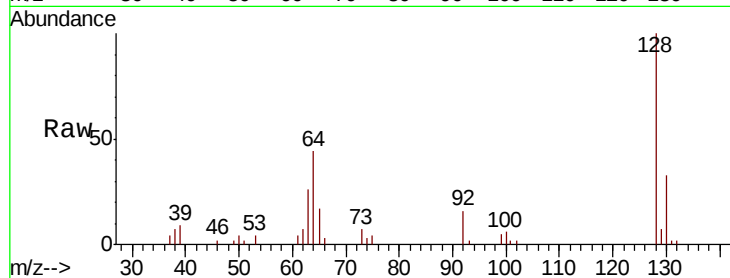
Tgt Ion:128 Resp: 30390

Ion Ratio Lower Upper

128 100

64 43.5 33.8 50.6

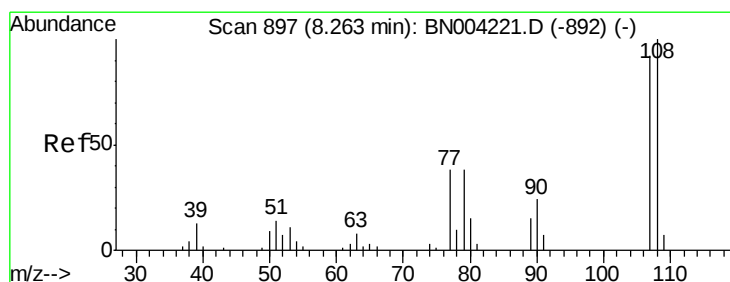
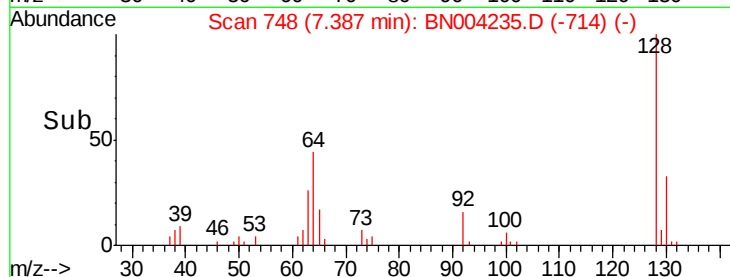
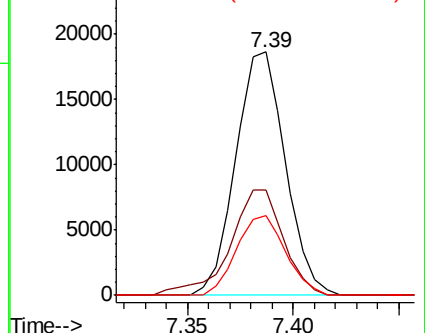
130 32.6 25.4 38.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 19.203 ng/ul

RT: 8.26 min Scan# 897

Delta R.T. -0.00 min

Lab File: BN004235.D

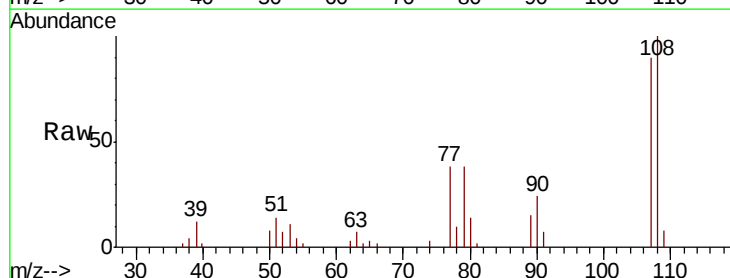
Acq: 27 Dec 2018 10:42

Tgt Ion:108 Resp: 29167

Ion Ratio Lower Upper

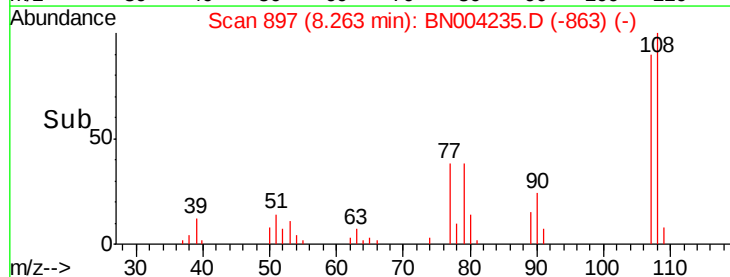
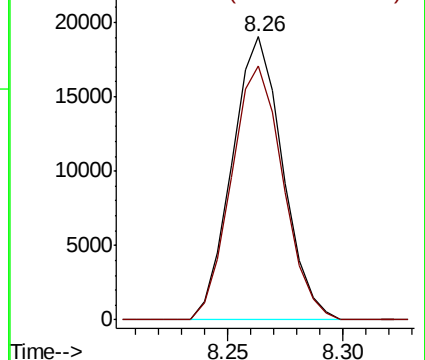
108 100

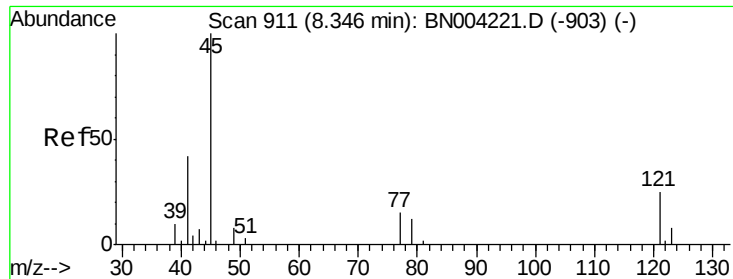
107 89.8 71.3 106.9



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

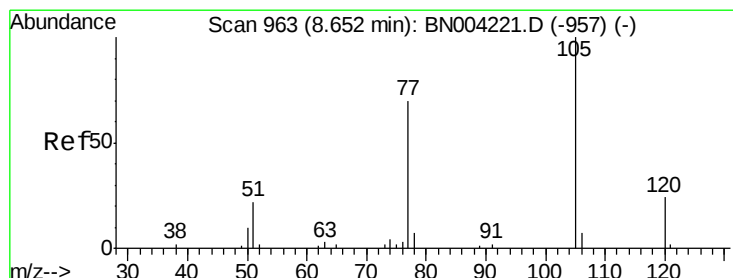
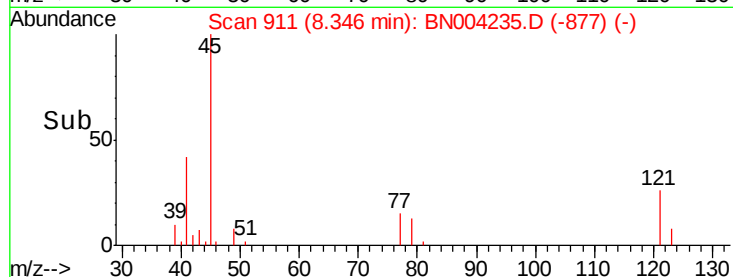
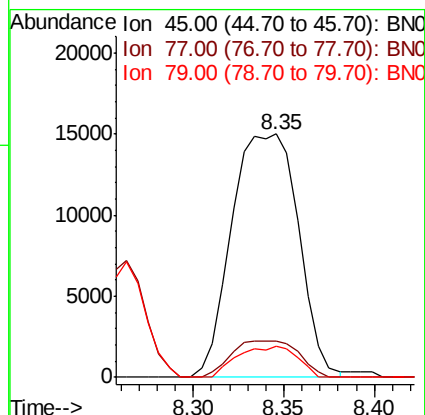
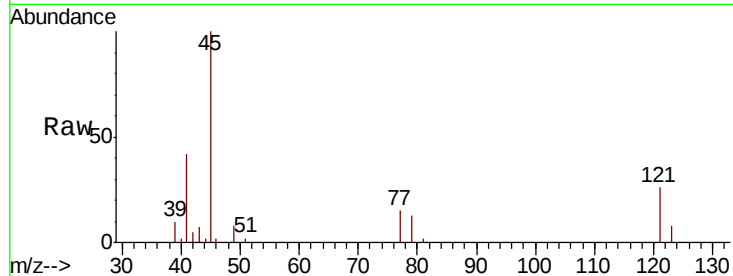




#12
2,2'-oxybis(1-chloropropane)
Concen: 19.739 ng/ul
RT: 8.35 min Scan# 911
Delta R.T. -0.00 min
Lab File: BN004235.D
Acq: 27 Dec 2018 10:42

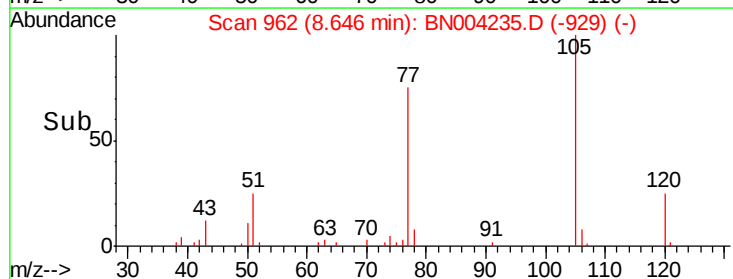
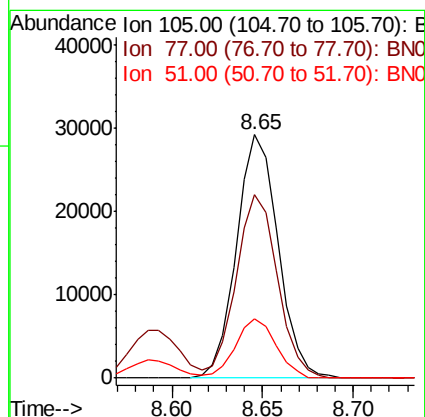
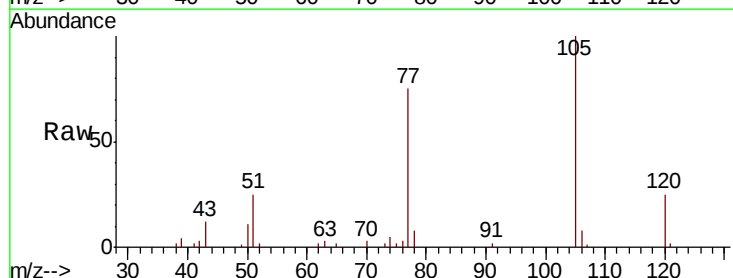
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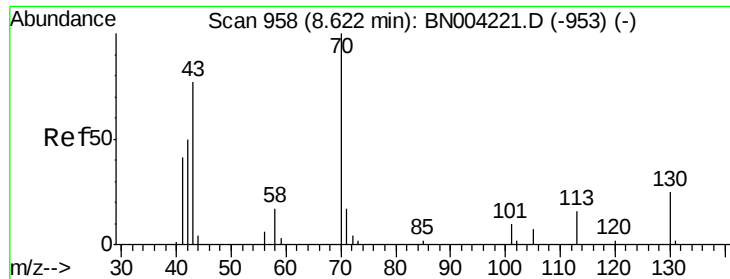
Tgt Ion: 45 Resp: 38279
Ion Ratio Lower Upper
45 100
77 15.1 11.8 17.6
79 12.7 9.7 14.5



#14
Acetophenone
Concen: 19.174 ng/ul
RT: 8.65 min Scan# 962
Delta R.T. -0.01 min
Lab File: BN004235.D
Acq: 27 Dec 2018 10:42

Tgt Ion: 105 Resp: 46751
Ion Ratio Lower Upper
105 100
77 75.5 59.8 89.6
51 24.5 18.6 27.8

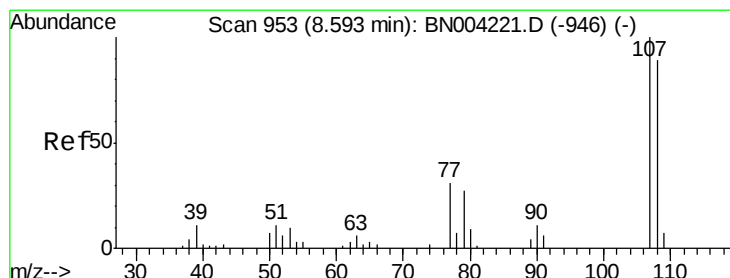
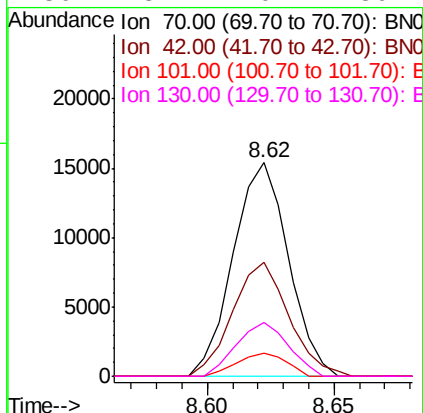
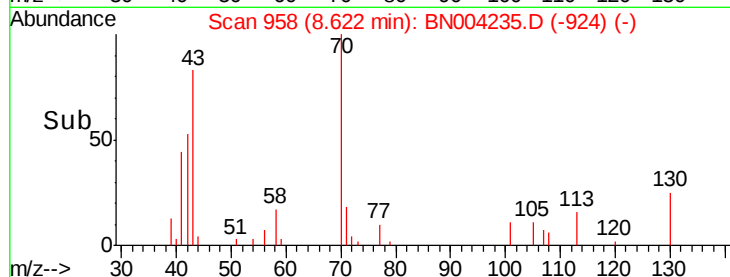
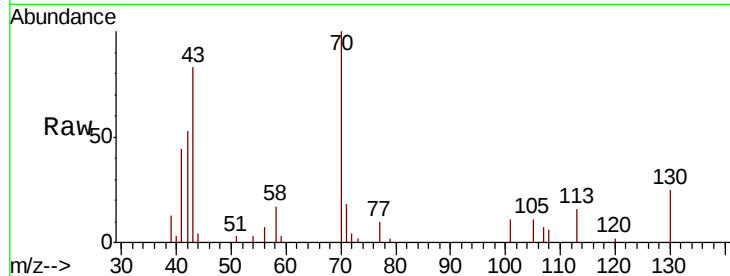




#15
N-Nitroso-di-n-propylamine
Concen: 19.330 ng/ul
RT: 8.62 min Scan# 958
Delta R.T. -0.00 min
Lab File: BN004235.D
Acq: 27 Dec 2018 10:42

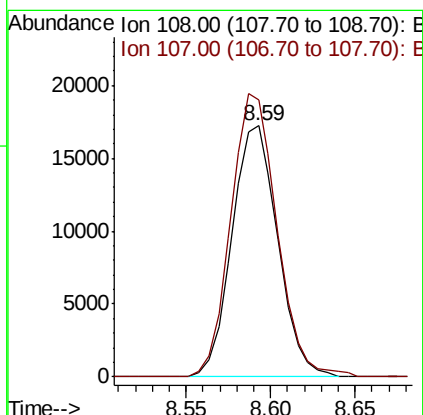
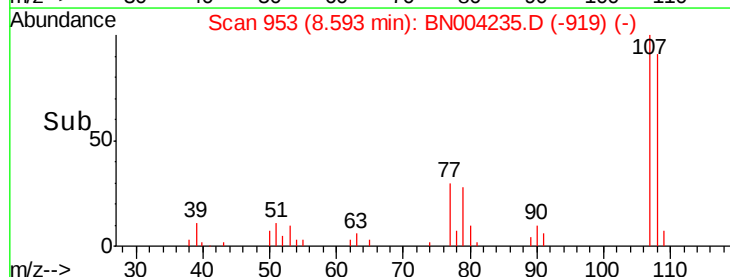
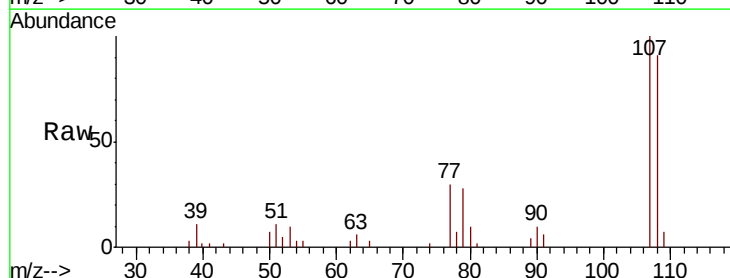
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ClientSampleId :
SSTD02042

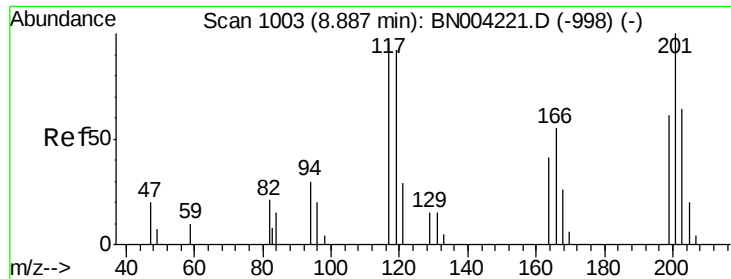
Tgt Ion: 70 Resp: 23274
Ion Ratio Lower Upper
70 100
42 53.4 42.3 63.5
101 10.7 8.7 13.1
130 25.4 20.2 30.2



#16
4-Methylphenol
Concen: 19.487 ng/ul
RT: 8.59 min Scan# 953
Delta R.T. -0.00 min
Lab File: BN004235.D
Acq: 27 Dec 2018 10:42

Tgt Ion: 108 Resp: 32531
Ion Ratio Lower Upper
108 100
107 110.1 86.8 130.2

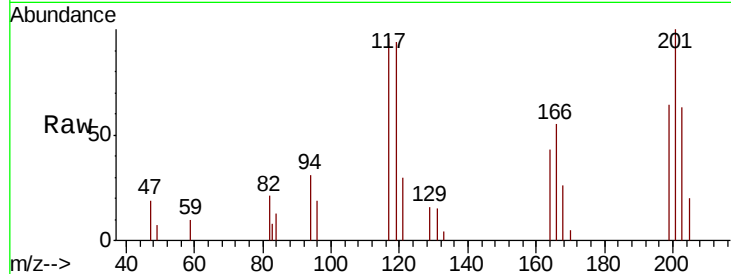




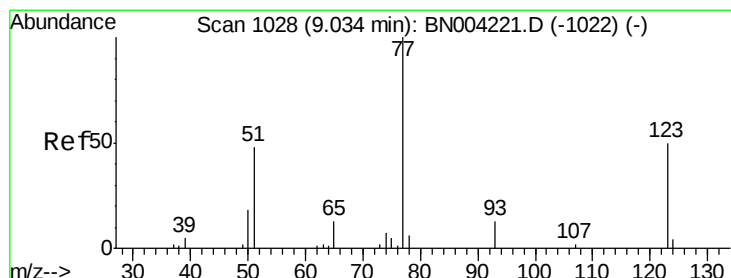
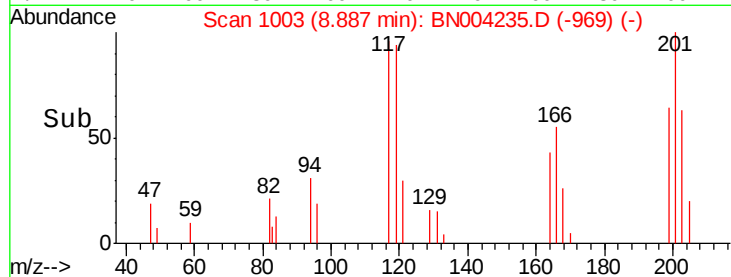
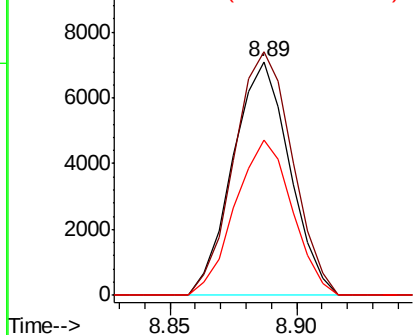
#17
Hexachloroethane
Concen: 20.027 ng/ul
RT: 8.89 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BN004235.D
Acq: 27 Dec 2018 10:42

Instrument :
MSVOA_W
ClientSampleId :
SSTD02042

Tgt Ion: 117 Resp: 11082
Ion Ratio Lower Upper
117 100
201 104.3 82.1 123.1
199 66.8 50.6 76.0

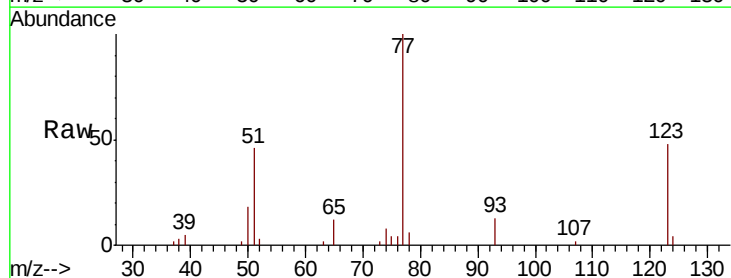


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

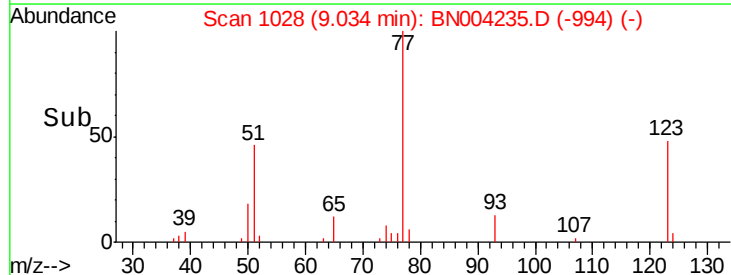
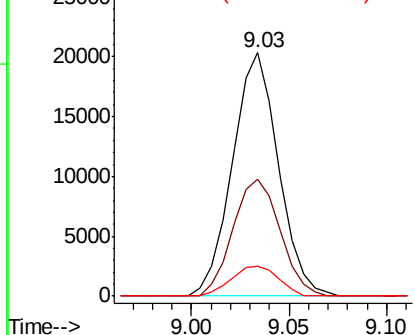


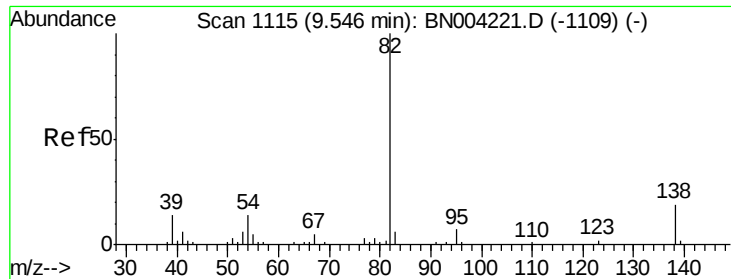
#20
Nitrobenzene
Concen: 19.599 ng/ul
RT: 9.03 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BN004235.D
Acq: 27 Dec 2018 10:42

Tgt Ion: 77 Resp: 33180
Ion Ratio Lower Upper
77 100
123 48.2 39.3 58.9
65 12.2 10.3 15.5



Abundance Ion 77.00 (76.70 to 77.70): BNC
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BNC





#21

Isophorone

Concen: 19.496 ng/ul

RT: 9.55 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BN004235.D

Acq: 27 Dec 2018 10:42

Instrument :

MSVOA_W

ClientSampled :

SSTD02042

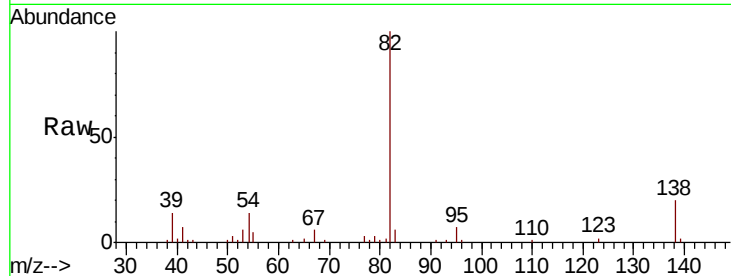
Tgt Ion: 82 Resp: 68551

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

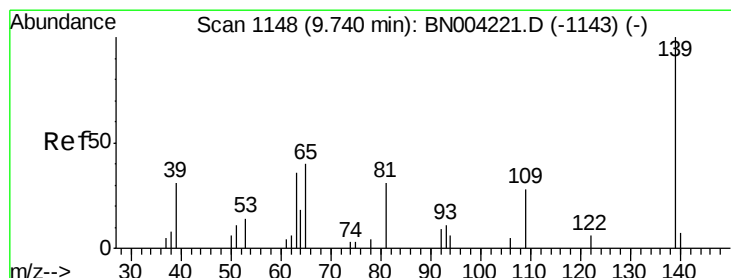
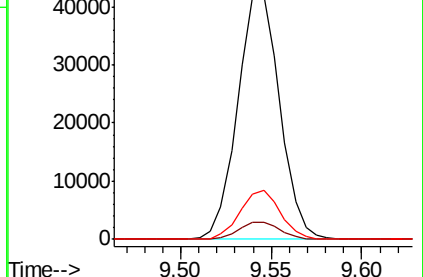
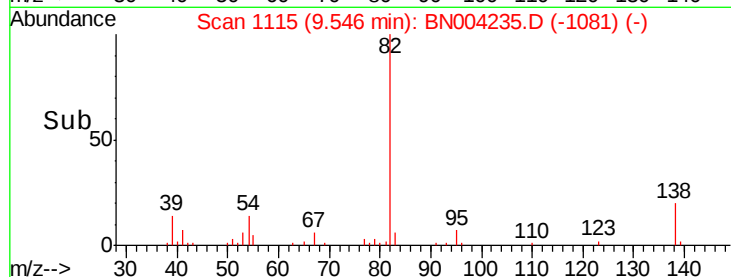
138 19.9 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BN004235.D (-1109) (-)

Ion 95.00 (94.70 to 95.70): BN004235.D (-1109) (-)

Ion 138.00 (137.70 to 138.70): BN004235.D (-1109) (-)



#23

2-Nitrophenol

Concen: 20.882 ng/ul

RT: 9.74 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BN004235.D

Acq: 27 Dec 2018 10:42

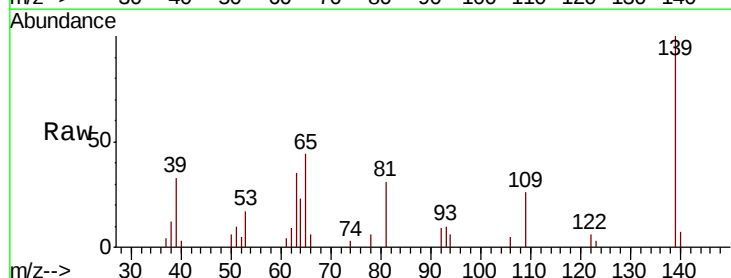
Tgt Ion: 139 Resp: 19439

Ion Ratio Lower Upper

139 100

65 44.1 36.7 55.1

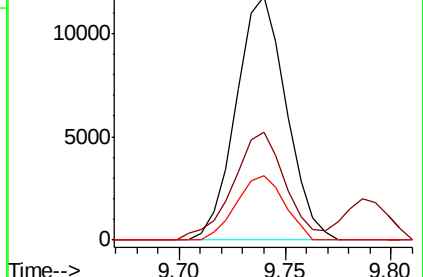
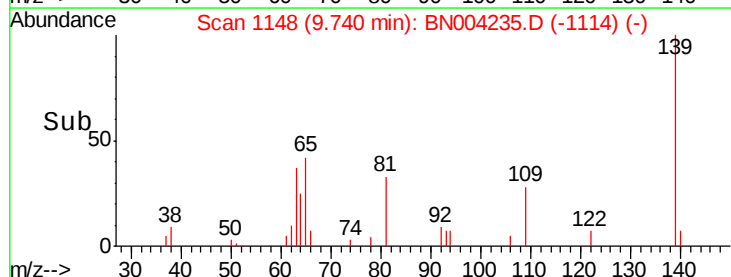
109 26.5 19.6 29.4

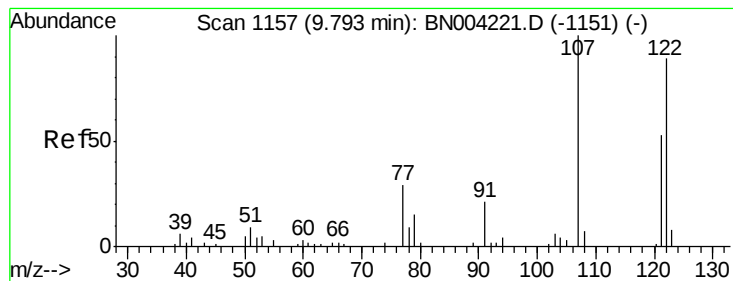


Abundance Ion 139.00 (138.70 to 139.70): BN004235.D (-1143) (-)

Ion 65.00 (64.70 to 65.70): BN004235.D (-1143) (-)

Ion 109.00 (108.70 to 109.70): BN004235.D (-1143) (-)





#24

2,4-Dimethylphenol

Concen: 20.218 ng/ul

RT: 9.79 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BN004235.D

Acq: 27 Dec 2018 10:42

Instrument :

MSVOA_W

ClientSampleId :

SSTD02042

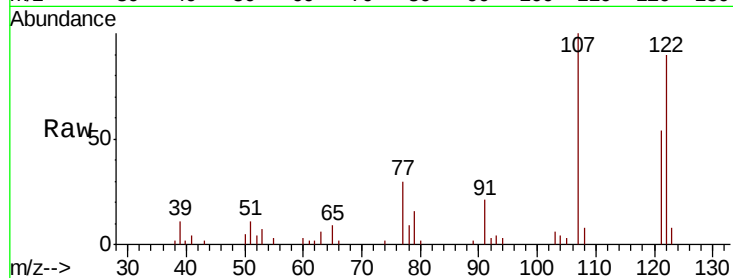
Tgt Ion: 107 Resp: 36450

Ion Ratio Lower Upper

107 100

121 53.5 43.0 64.6

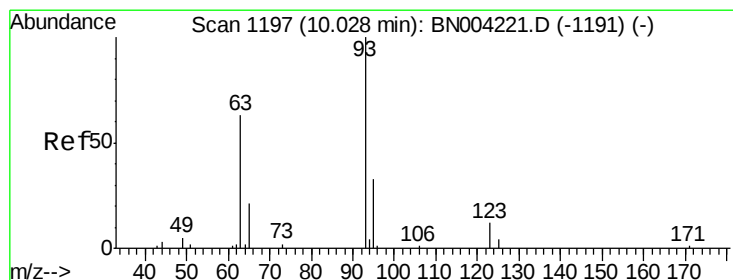
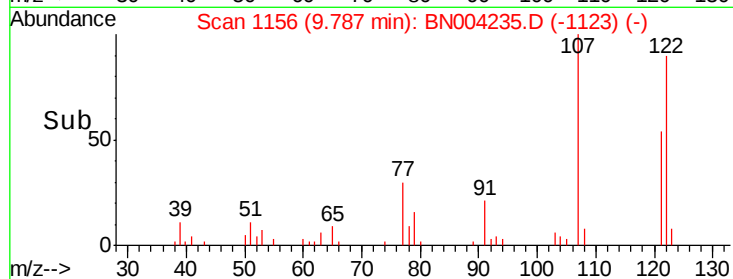
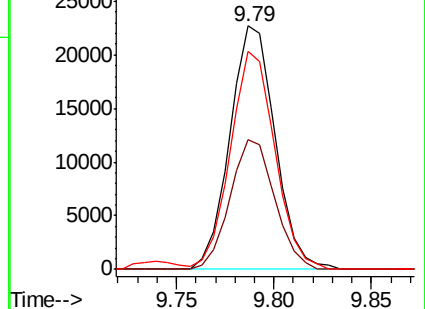
122 89.6 73.0 109.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 19.828 ng/ul

RT: 10.02 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BN004235.D

Acq: 27 Dec 2018 10:42

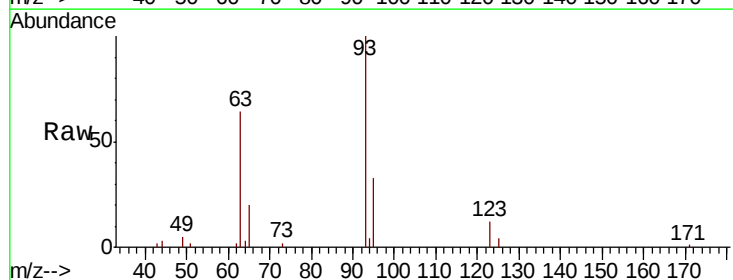
Tgt Ion: 93 Resp: 41722

Ion Ratio Lower Upper

93 100

95 32.8 26.4 39.6

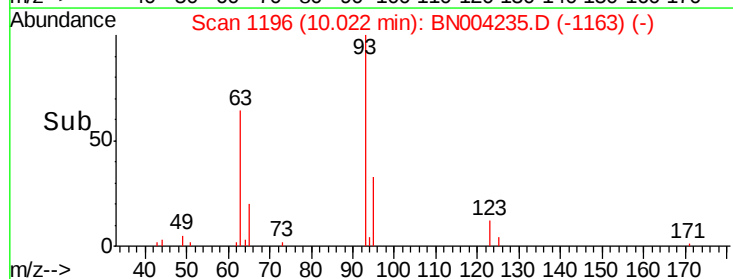
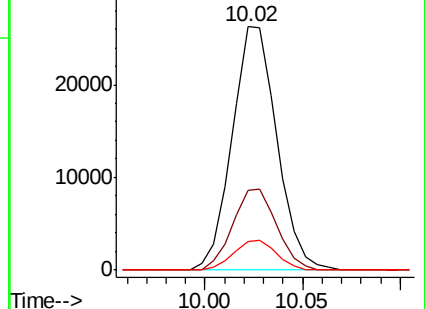
123 11.9 9.9 14.9

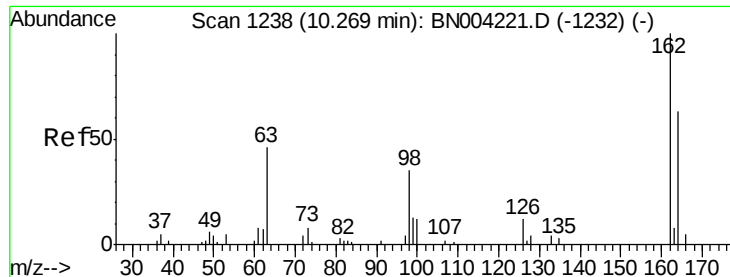


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E

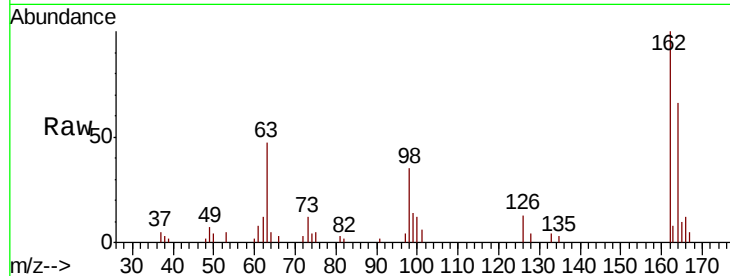




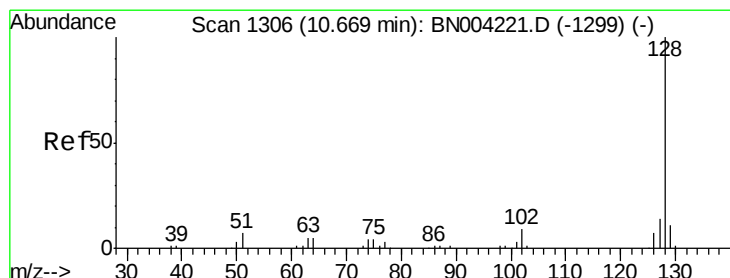
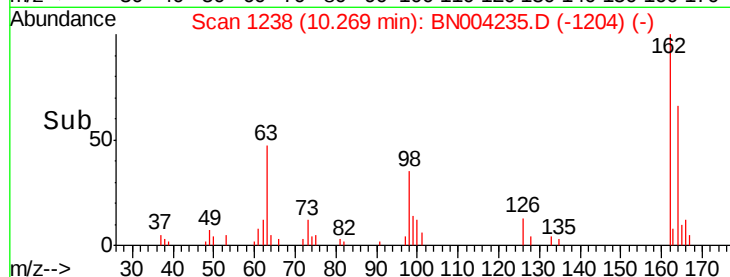
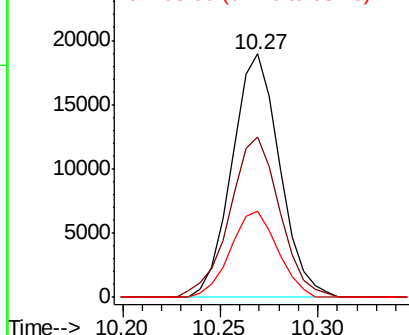
#27
 2,4-Dichlorophenol
 Concen: 20.397 ng/ul
 RT: 10.27 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BN004235.D
 Acq: 27 Dec 2018 10:42

Instrument :
 MSVOA_W
 ClientSampleId :
 SSTD02042

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.0	53.2	79.8
98	35.2	29.0	43.4

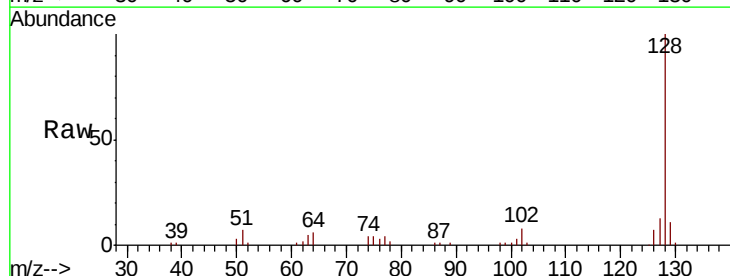


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

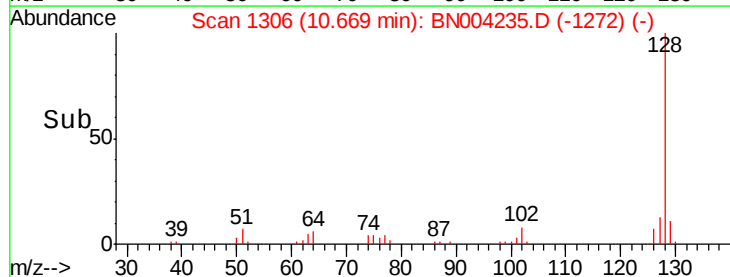
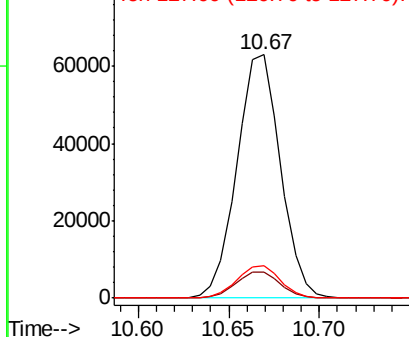


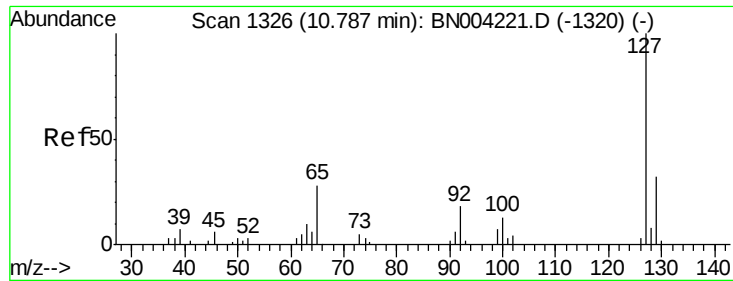
#28
 Naphthalene
 Concen: 19.910 ng/ul
 RT: 10.67 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BN004235.D
 Acq: 27 Dec 2018 10:42

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	12.8
127	13.2	10.6	16.0



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

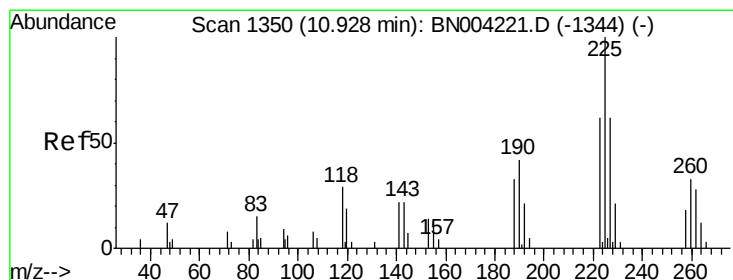
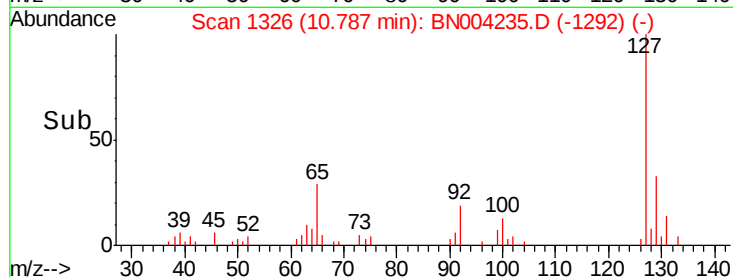
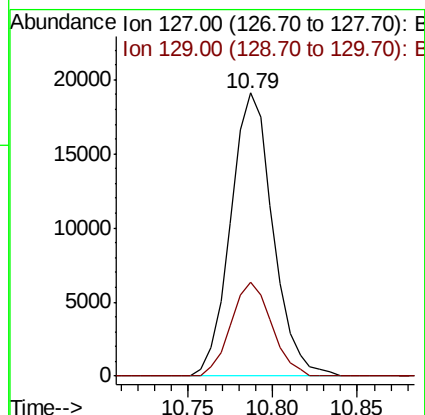
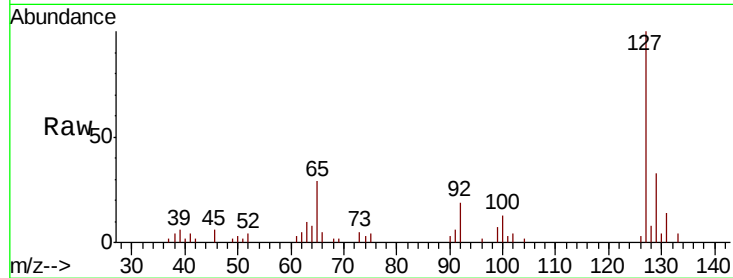




#30
4-Chloroaniline
Concen: 21.629 ng/ul
RT: 10.79 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BN004235.D
Acq: 27 Dec 2018 10:42

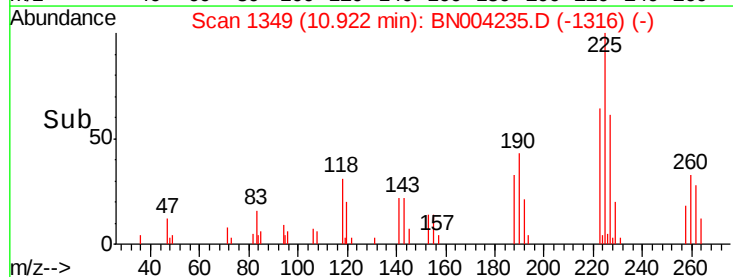
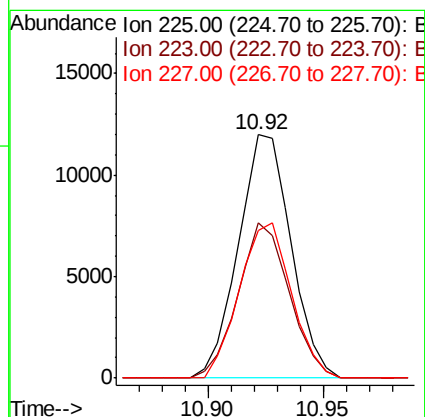
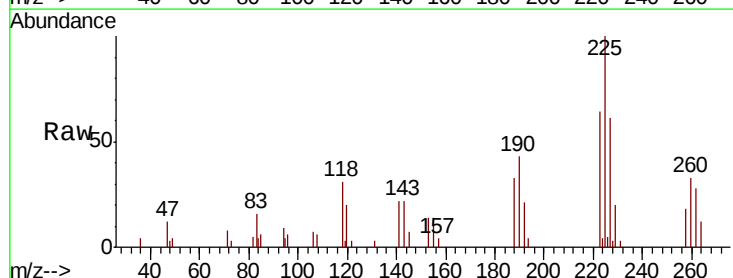
Instrument :
MSVOA_W
ClientSampleId :
SSTD02042

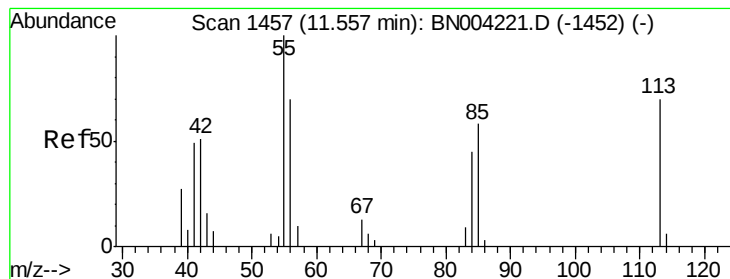
Tgt Ion:127 Resp: 33370
Ion Ratio Lower Upper
127 100
129 33.1 25.5 38.3



#31
Hexachlorobutadiene
Concen: 20.835 ng/ul
RT: 10.92 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BN004235.D
Acq: 27 Dec 2018 10:42

Tgt Ion:225 Resp: 19081
Ion Ratio Lower Upper
225 100
223 64.0 50.4 75.6
227 60.9 50.6 75.8





#32

Caprolactam

Concen: 18.186 ng/ul

RT: 11.56 min Scan# 1457

Delta R.T. -0.00 min

Lab File: BN004235.D

Acq: 27 Dec 2018 10:42

Instrument :

MSVOA_W

ClientSampleId :

SSTD02042

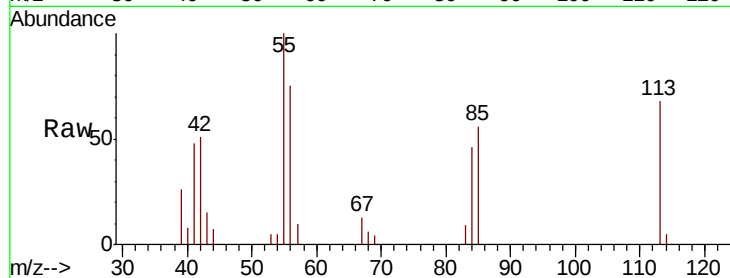
Tgt Ion:113 Resp: 11490

Ion Ratio Lower Upper

113 100

55 146.6 116.6 175.0

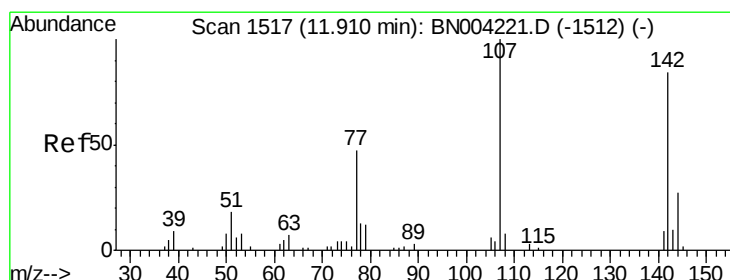
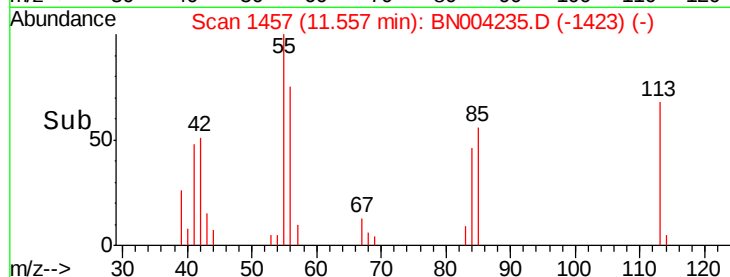
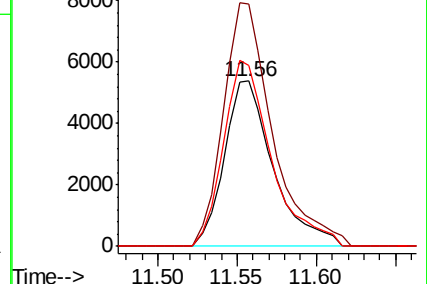
56 109.4 89.9 134.9



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



#33

4-Chloro-3-methylphenol

Concen: 20.174 ng/ul

RT: 11.91 min Scan# 1517

Delta R.T. -0.00 min

Lab File: BN004235.D

Acq: 27 Dec 2018 10:42

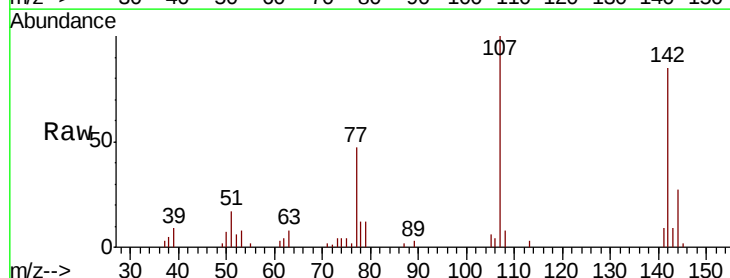
Tgt Ion:107 Resp: 36676

Ion Ratio Lower Upper

107 100

144 26.8 21.1 31.7

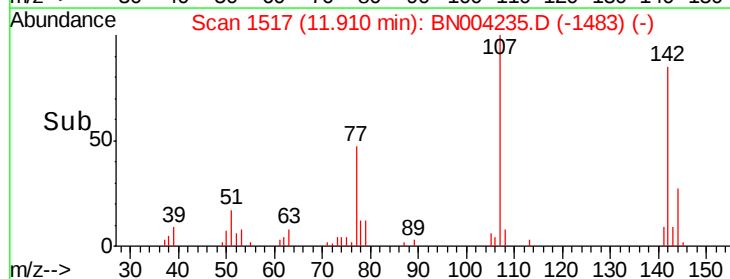
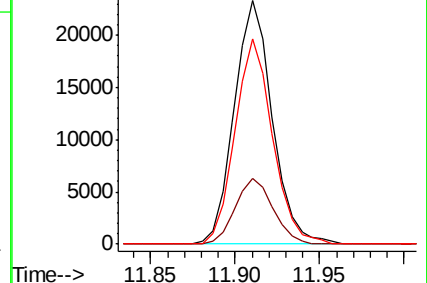
142 84.5 65.0 97.4

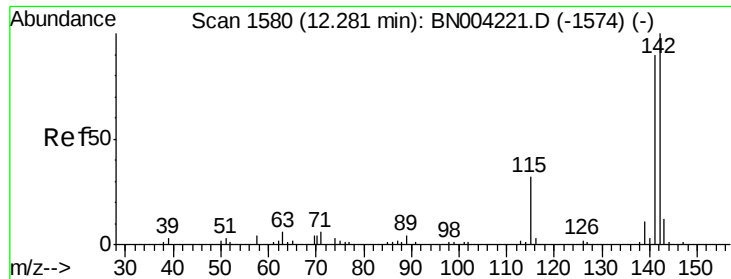


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

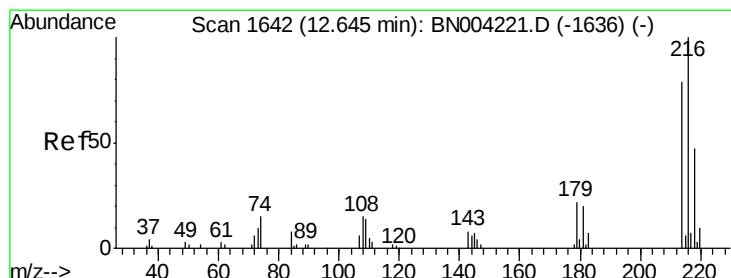
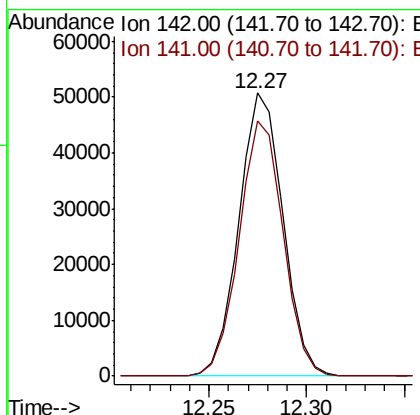
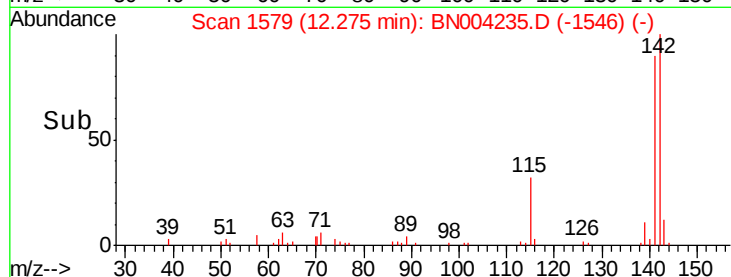
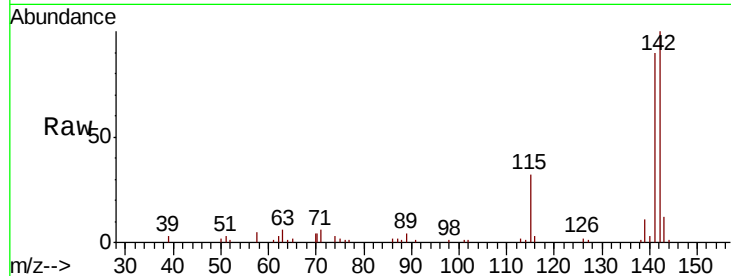




#34
 2-Methylnaphthalene
 Concen: 19.943 ng/ul
 RT: 12.27 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BN004235.D
 Acq: 27 Dec 2018 10:42

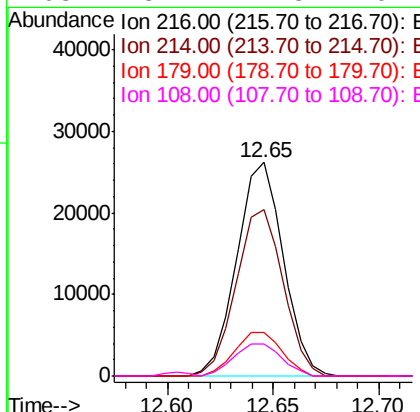
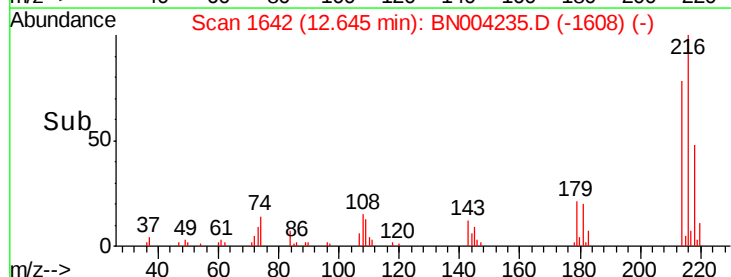
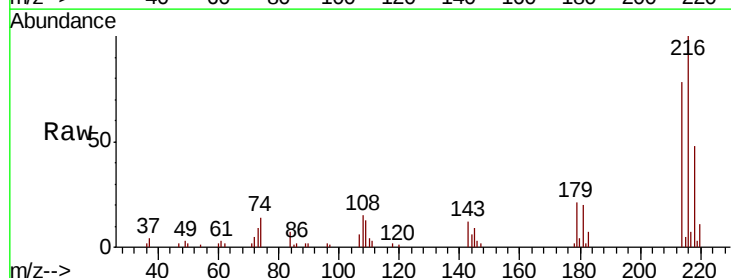
Instrument :
 MSVOA_W
 ClientSampleId :
 SSTD02042

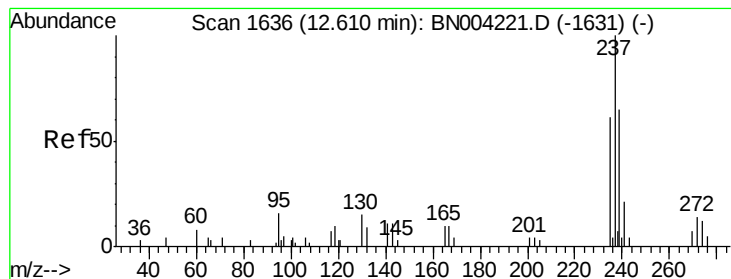
Tgt Ion:142 Resp: 79503
 Ion Ratio Lower Upper
 142 100
 141 90.2 70.2 105.2



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 20.711 ng/ul
 RT: 12.65 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BN004235.D
 Acq: 27 Dec 2018 10:42

Tgt Ion:216 Resp: 39977
 Ion Ratio Lower Upper
 216 100
 214 77.7 65.2 97.8
 179 20.6 16.8 25.2
 108 15.1 12.8 19.2





#37

Hexachlorocyclopentadiene

Concen: 16.624 ng/ul

RT: 12.60 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BN004235.D

Acq: 27 Dec 2018 10:42

Instrument :

MSVOA_W

ClientSampleId :

SSTD02042

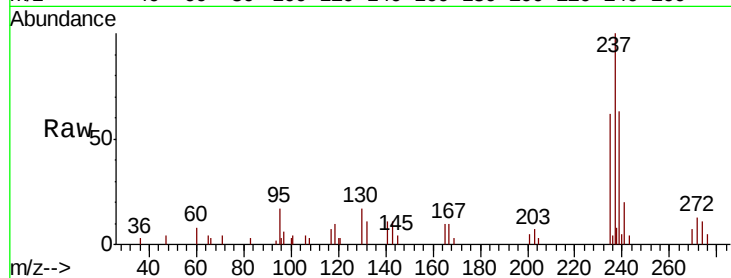
Tgt Ion:237 Resp: 19707

Ion Ratio Lower Upper

237 100

235 62.3 48.8 73.2

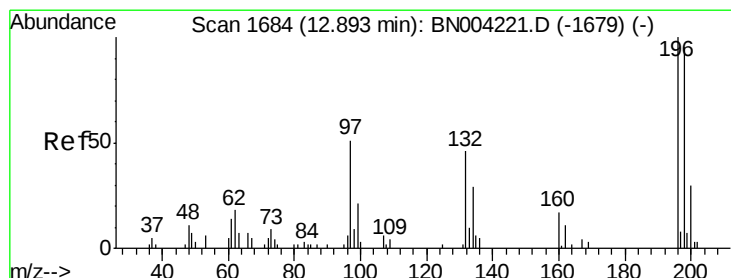
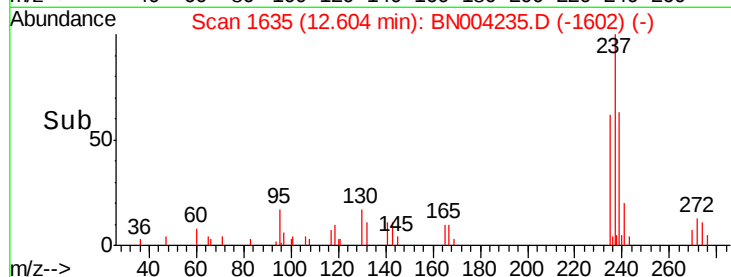
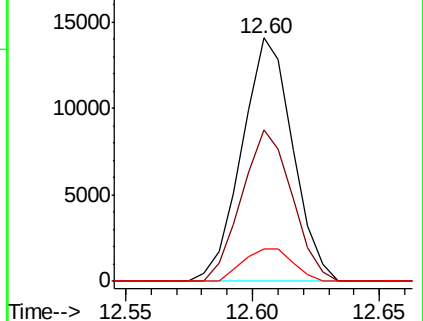
272 13.5 10.6 15.8



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



#38

2,4,6-Trichlorophenol

Concen: 20.492 ng/ul

RT: 12.89 min Scan# 1684

Delta R.T. -0.00 min

Lab File: BN004235.D

Acq: 27 Dec 2018 10:42

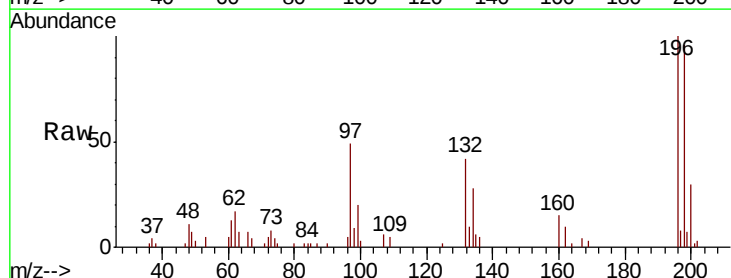
Tgt Ion:196 Resp: 26631

Ion Ratio Lower Upper

196 100

198 96.0 77.1 115.7

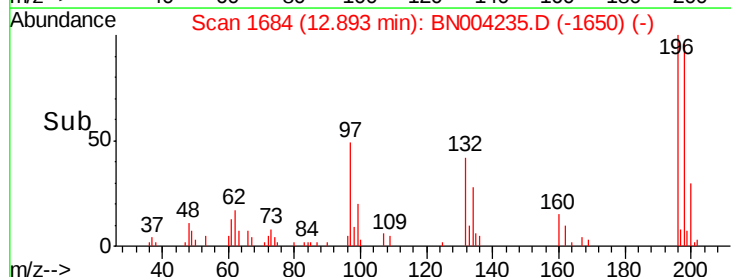
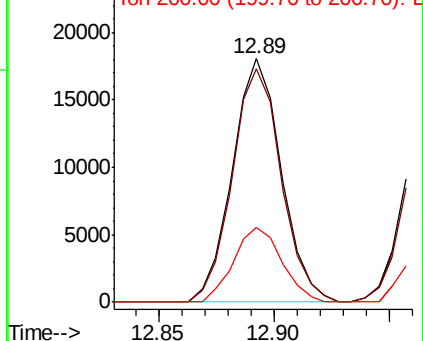
200 30.4 24.3 36.5

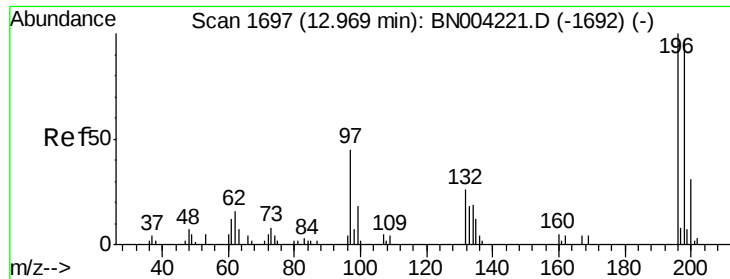


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

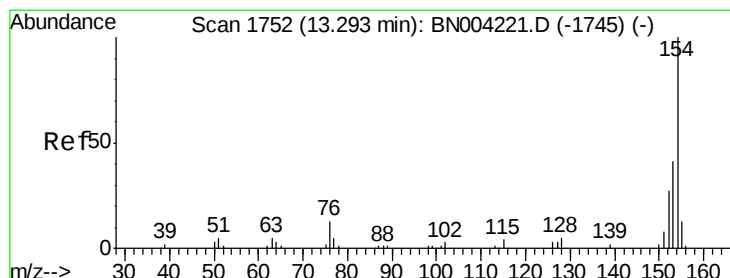
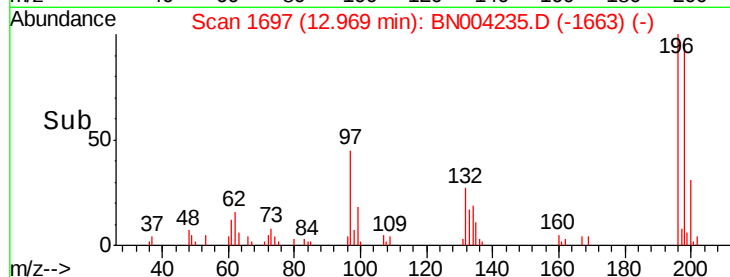
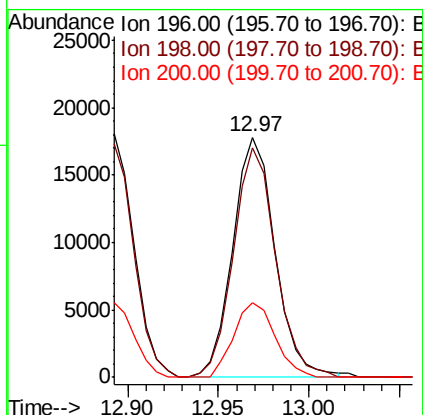
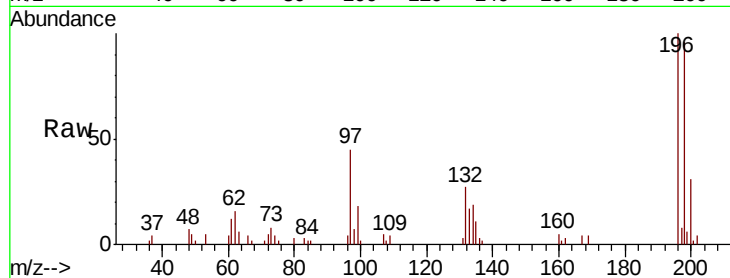




#39
 2,4,5-Trichlorophenol
 Concen: 20.152 ng/ul
 RT: 12.97 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BN004235.D
 Acq: 27 Dec 2018 10:42

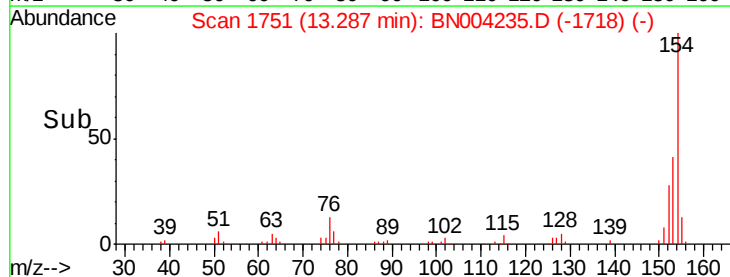
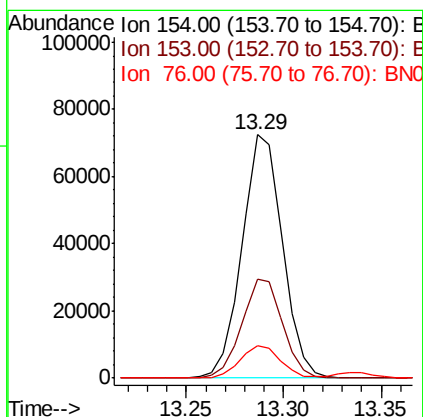
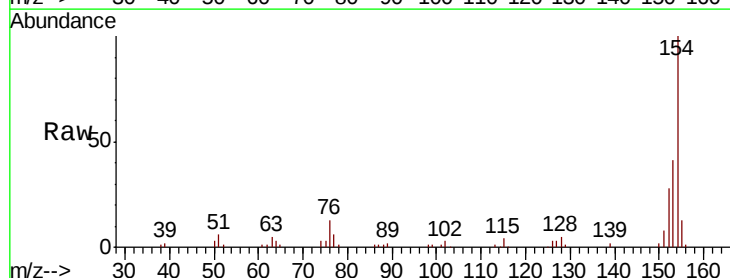
Instrument :
 MSVOA_W
 ClientSampleId :
 SSTD02042

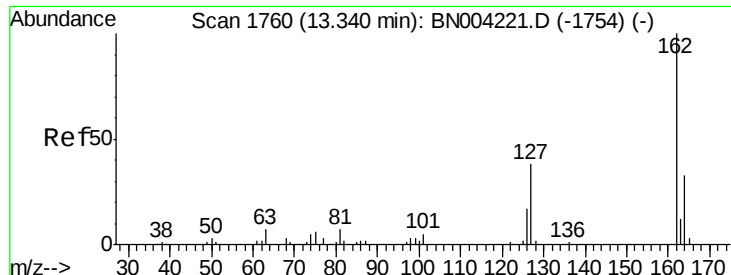
Tgt Ion:196 Resp: 28961
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.1 112.7
 200 31.2 24.2 36.2



#40
 1,1'-Biphenyl
 Concen: 20.389 ng/ul
 RT: 13.29 min Scan# 1751
 Delta R.T. -0.01 min
 Lab File: BN004235.D
 Acq: 27 Dec 2018 10:42

Tgt Ion:154 Resp: 104190
 Ion Ratio Lower Upper
 154 100
 153 40.8 33.1 49.7
 76 13.1 10.6 16.0

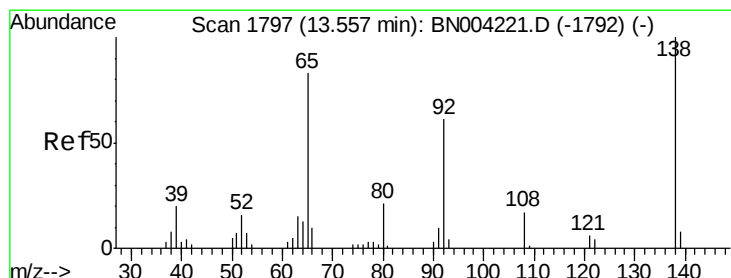
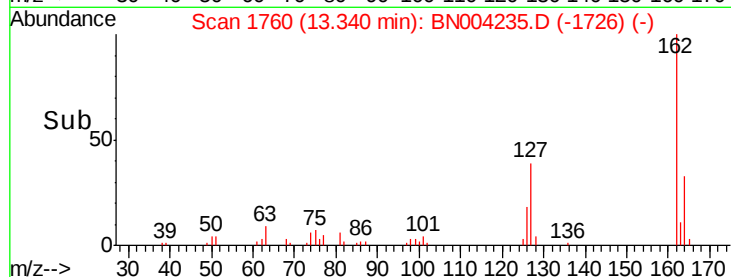
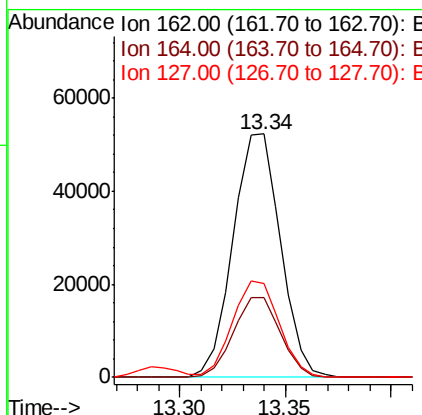
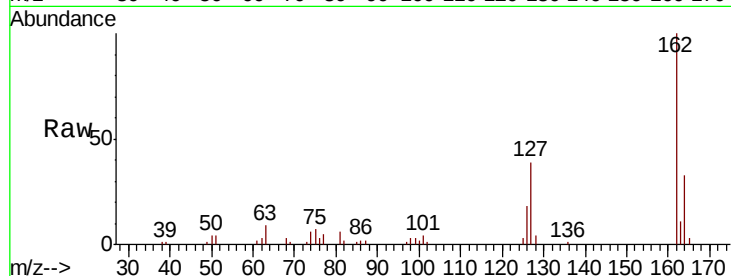




#41
 2-Chloronaphthalene
 Concen: 20.522 ng/ul
 RT: 13.34 min Scan# 1760
 Delta R.T. -0.00 min
 Lab File: BN004235.D
 Acq: 27 Dec 2018 10:42

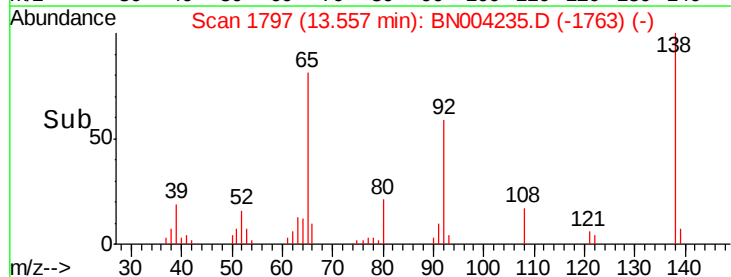
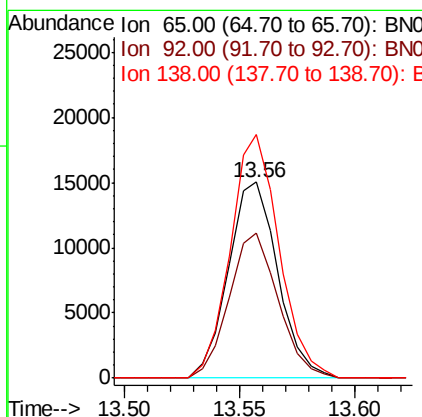
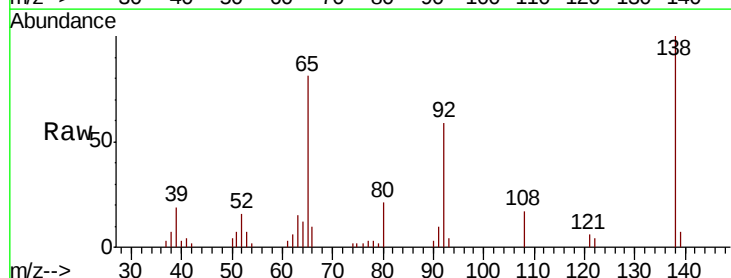
Instrument :
 MSVOA_W
 ClientSampleId :
 SSTD02042

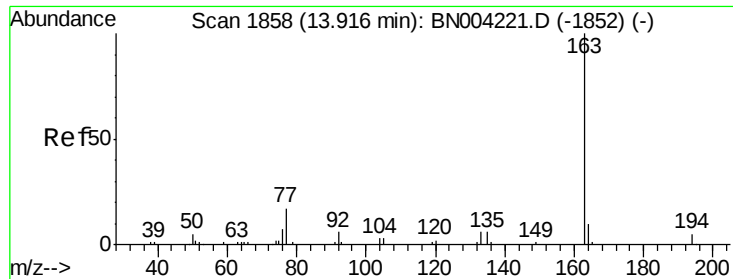
Tgt Ion: 162 Resp: 81658
 Ion Ratio Lower Upper
 162 100
 164 32.7 26.0 39.0
 127 38.7 30.6 46.0



#42
 2-Nitroaniline
 Concen: 20.122 ng/ul
 RT: 13.56 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: BN004235.D
 Acq: 27 Dec 2018 10:42

Tgt Ion: 65 Resp: 22482
 Ion Ratio Lower Upper
 65 100
 92 73.8 58.1 87.1
 138 124.1 96.2 144.4





#44

Dimethylphthalate

Concen: 19.596 ng/ul

RT: 13.91 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BN004235.D

Acq: 27 Dec 2018 10:42

Instrument :

MSVOA_W

ClientSampleId :

SSTD02042

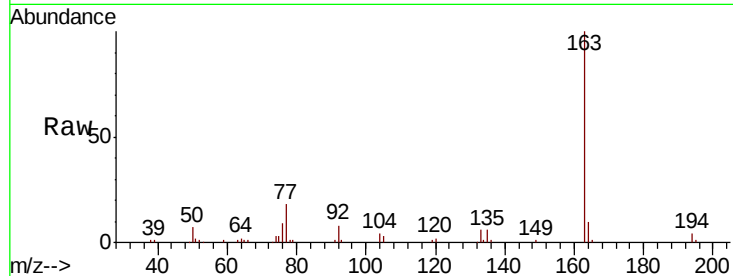
Tgt Ion:163 Resp: 107340

Ion Ratio Lower Upper

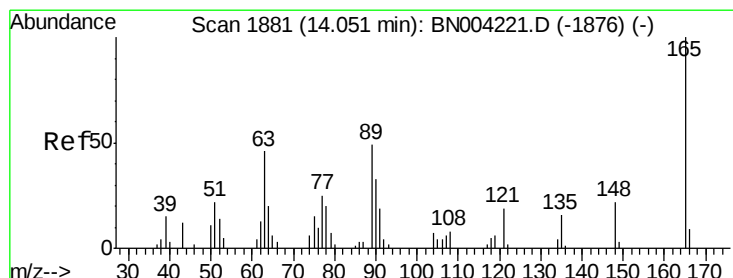
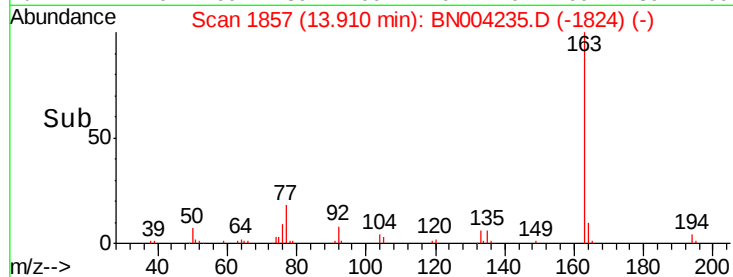
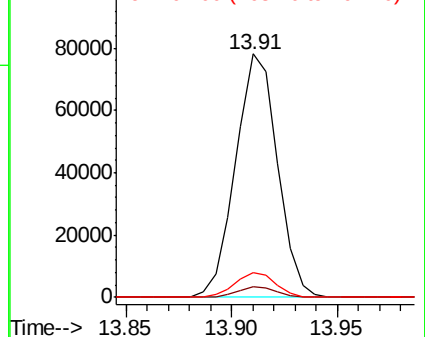
163 100

194 4.2 3.4 5.0

164 10.3 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#45

2,6-Dinitrotoluene

Concen: 20.002 ng/ul

RT: 14.05 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BN004235.D

Acq: 27 Dec 2018 10:42

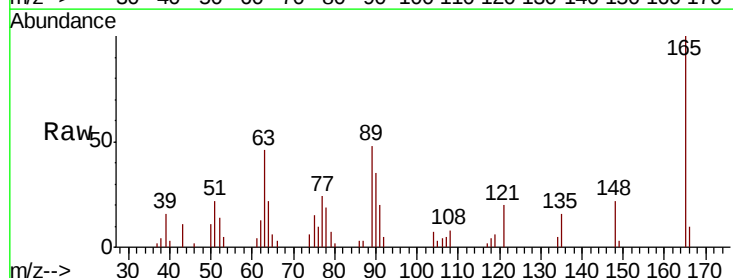
Tgt Ion:165 Resp: 22239

Ion Ratio Lower Upper

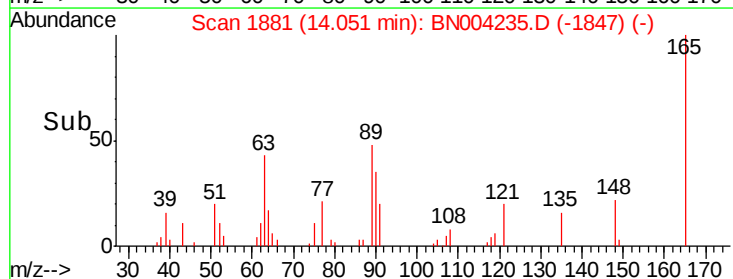
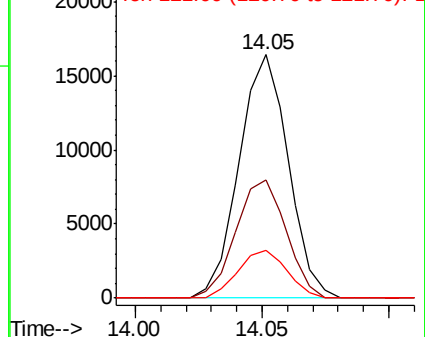
165 100

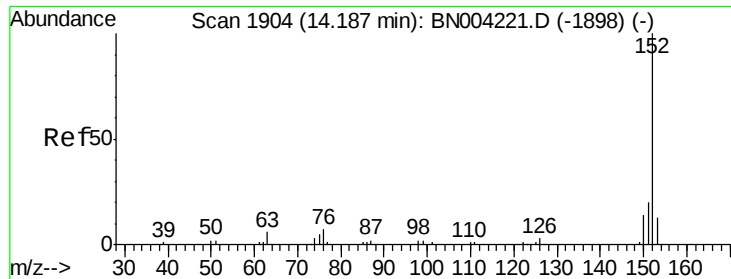
89 48.3 40.0 60.0

121 19.6 15.6 23.4



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: 20.261 ng/ul

RT: 14.19 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BN004235.D

Acq: 27 Dec 2018 10:42

Instrument :

MSVOA_W

ClientSampleId :

SSTD02042

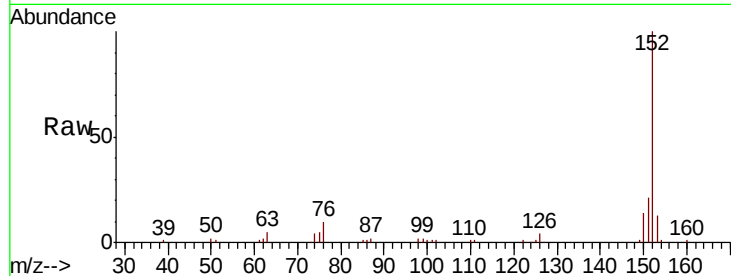
Tgt Ion:152 Resp: 128495

Ion Ratio Lower Upper

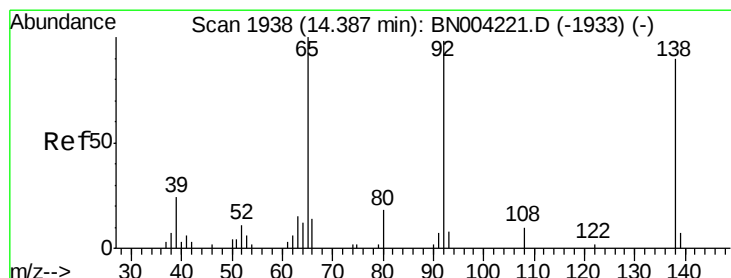
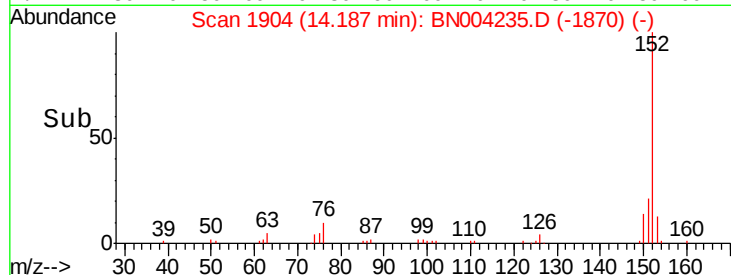
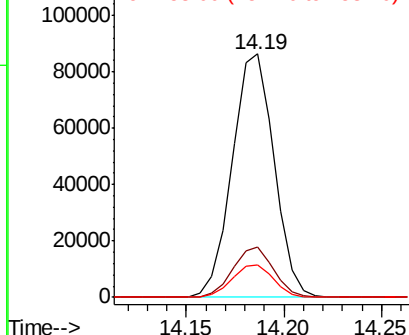
152 100

151 20.6 16.2 24.2

153 13.4 10.6 15.8



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



#48

3-Nitroaniline

Concen: 19.790 ng/ul

RT: 14.39 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BN004235.D

Acq: 27 Dec 2018 10:42

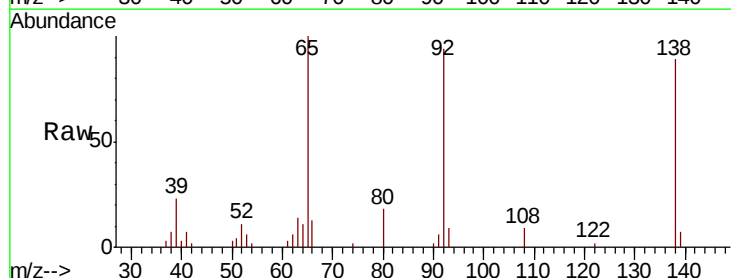
Tgt Ion:138 Resp: 22373

Ion Ratio Lower Upper

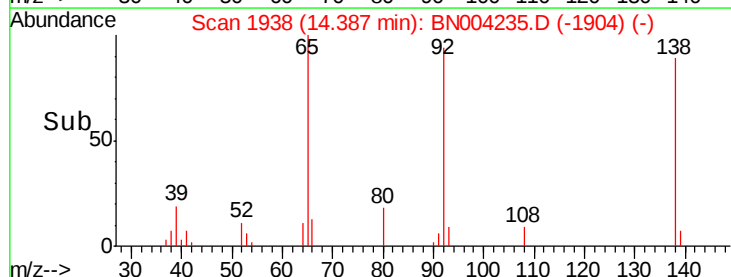
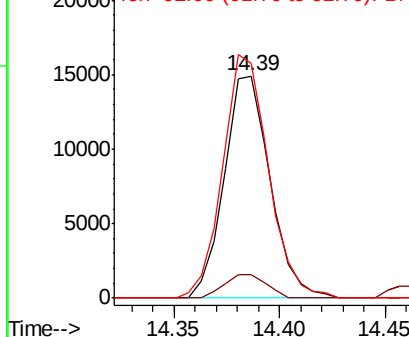
138 100

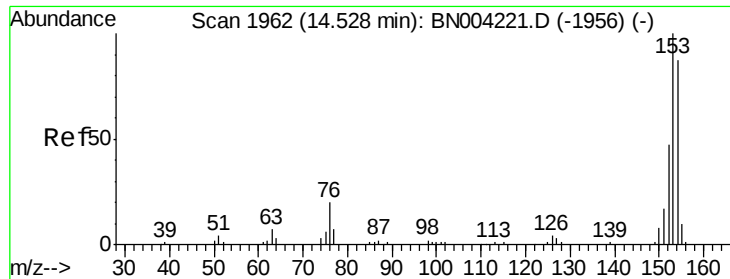
108 10.5 8.6 13.0

92 105.6 88.2 132.2



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): B





#49

Acenaphthene

Concen: 20.174 ng/ul

RT: 14.52 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BN004235.D

Acq: 27 Dec 2018 10:42

Instrument :

MSVOA_W

ClientSampleId :

SSTD02042

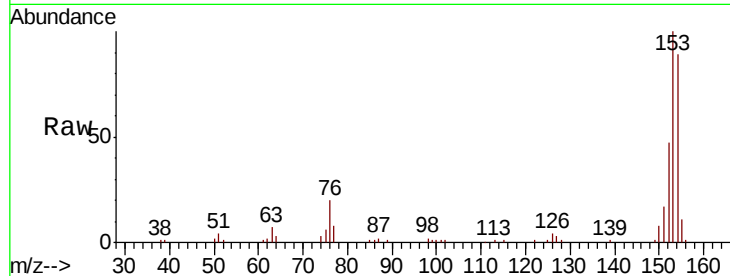
Tgt Ion:153 Resp: 91106

Ion Ratio Lower Upper

153 100

152 46.8 37.8 56.6

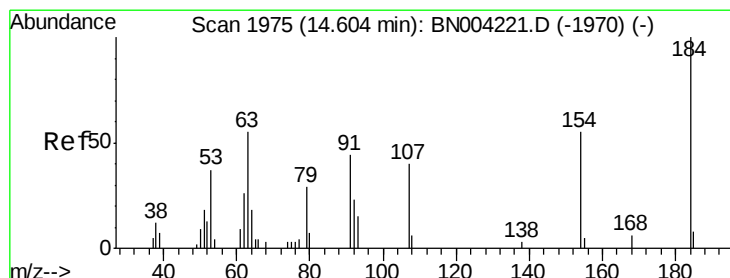
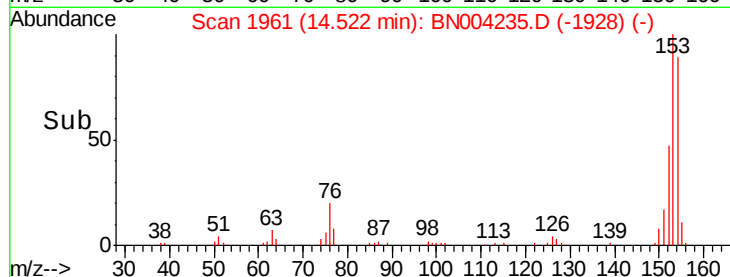
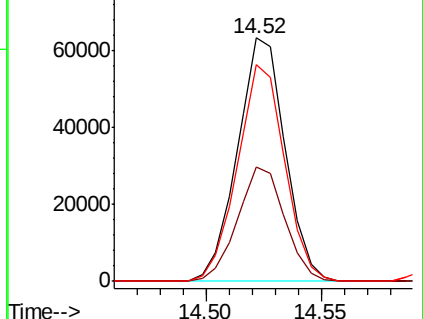
154 88.9 71.0 106.6



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: 22.521 ng/ul

RT: 14.60 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BN004235.D

Acq: 27 Dec 2018 10:42

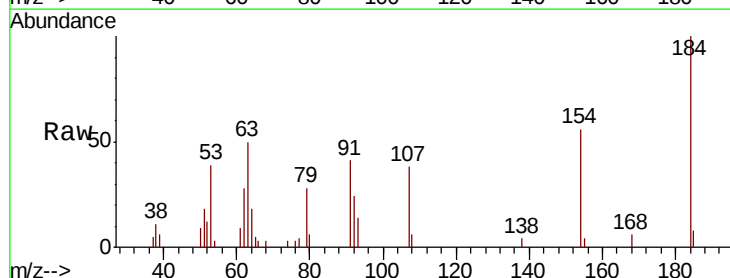
Tgt Ion:184 Resp: 16230

Ion Ratio Lower Upper

184 100

63 50.3 41.8 62.6

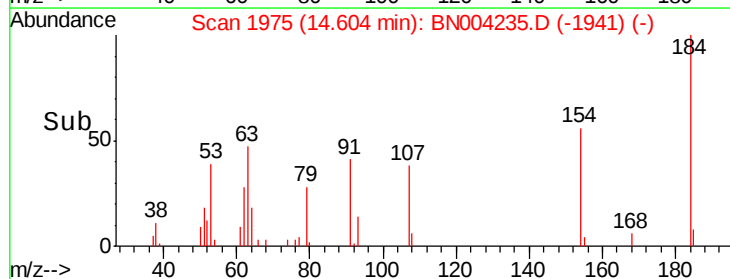
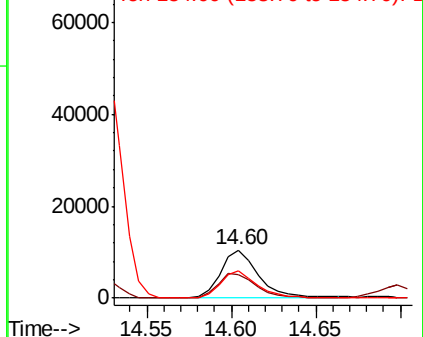
154 56.3 43.7 65.5

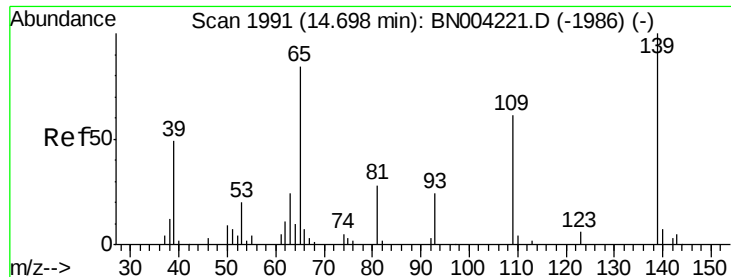


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BN0

Ion 154.00 (153.70 to 154.70): E

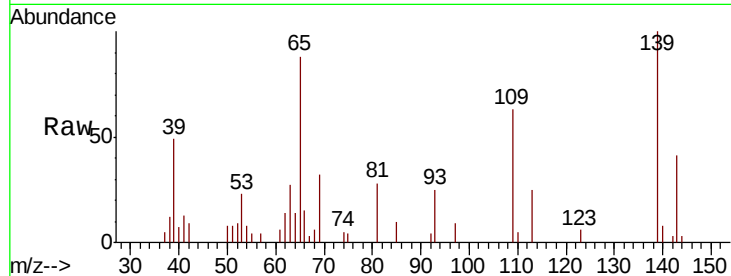




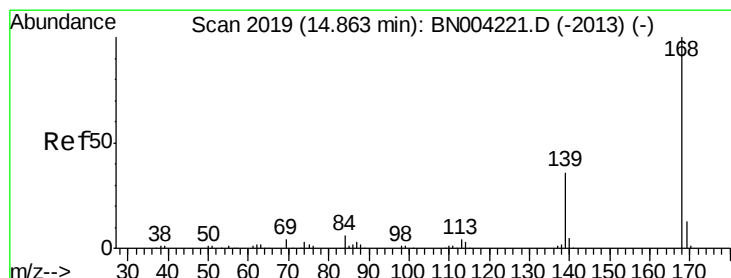
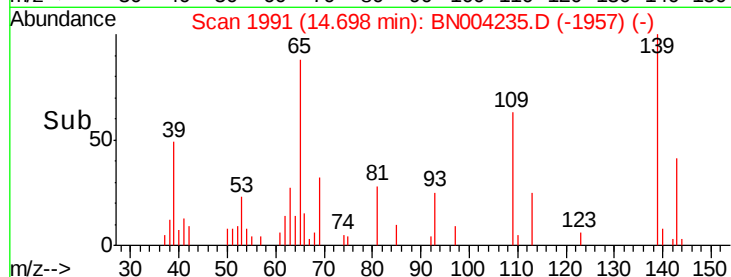
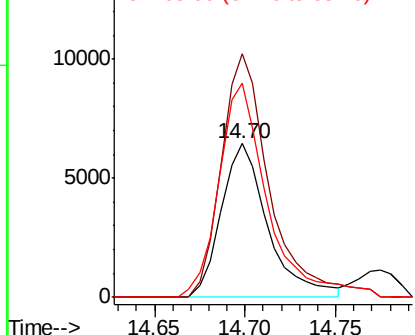
#52
4-Nitrophenol
Concen: 15.803 ng/ul
RT: 14.70 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BN004235.D
Acq: 27 Dec 2018 10:42

Instrument :
MSVOA_W
ClientSampleId :
SSTD02042

Tgt Ion:109 Resp: 11576
Ion Ratio Lower Upper
109 100
139 158.3 125.0 187.4
65 139.2 110.8 166.2

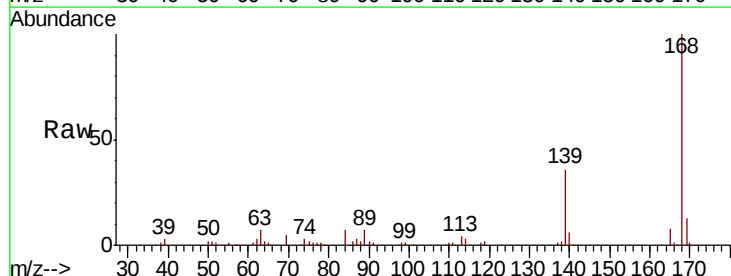


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BNC

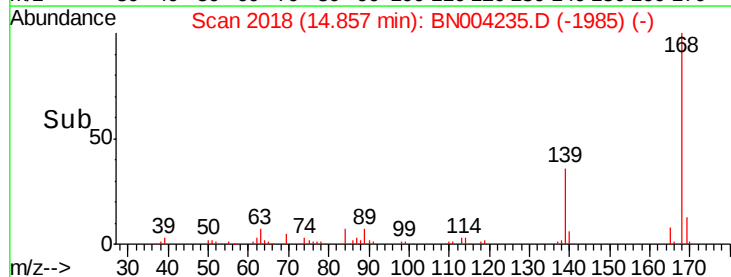
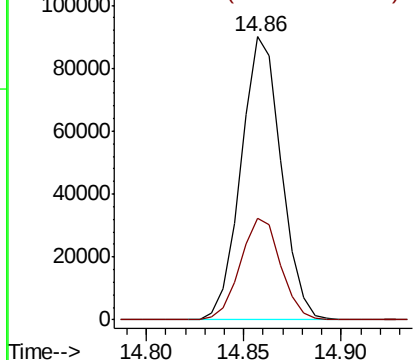


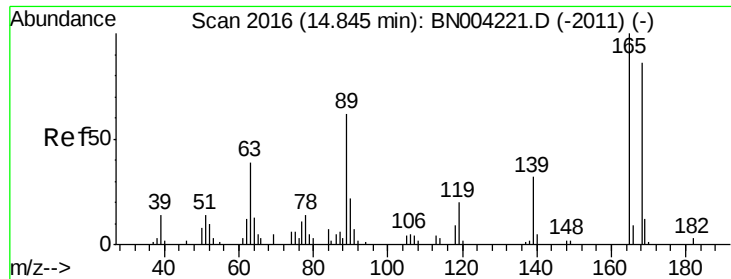
#53
Dibenzofuran
Concen: 20.018 ng/ul
RT: 14.86 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BN004235.D
Acq: 27 Dec 2018 10:42

Tgt Ion:168 Resp: 128325
Ion Ratio Lower Upper
168 100
139 36.0 28.8 43.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E

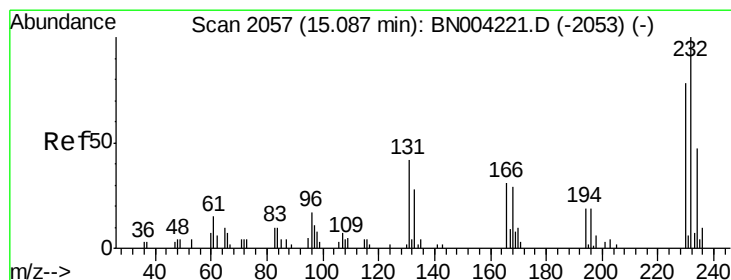
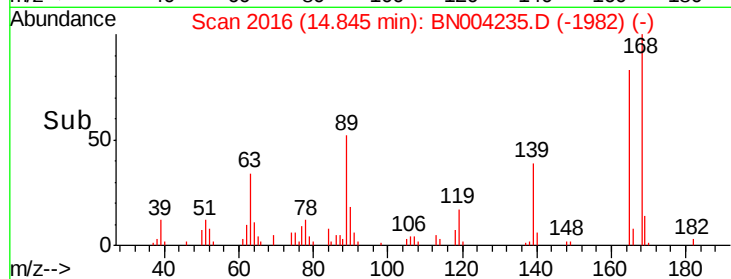
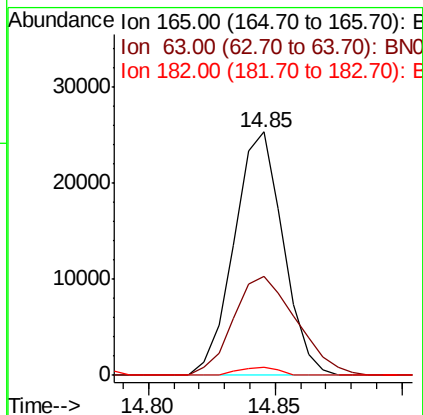
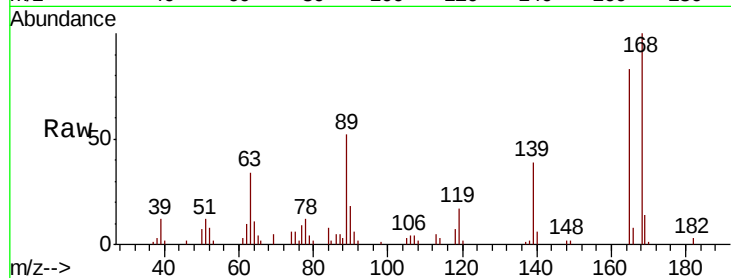




#54
 2,4-Dinitrotoluene
 Concen: 19.597 ng/ul
 RT: 14.85 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BN004235.D
 Acq: 27 Dec 2018 10:42

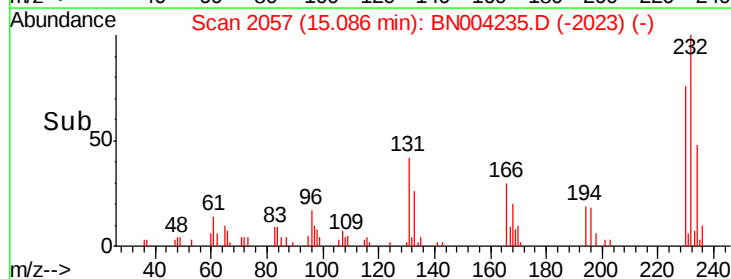
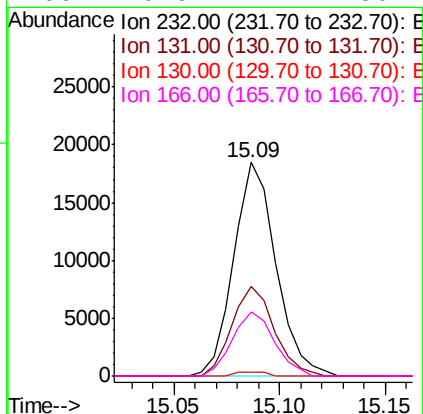
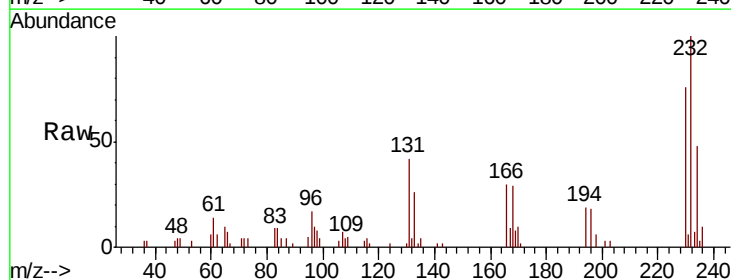
Instrument :
 MSVOA_W
 ClientSampleId :
 SSTD02042

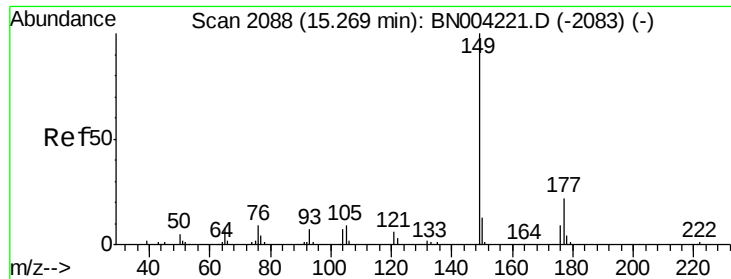
Tgt Ion:165 Resp: 33901
 Ion Ratio Lower Upper
 165 100
 63 40.7 29.0 43.6
 182 3.2 2.4 3.6



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 19.035 ng/ul
 RT: 15.09 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: BN004235.D
 Acq: 27 Dec 2018 10:42

Tgt Ion:232 Resp: 25601
 Ion Ratio Lower Upper
 232 100
 131 42.0 34.7 52.1
 130 2.0 2.0 3.0
 166 29.9 24.2 36.4

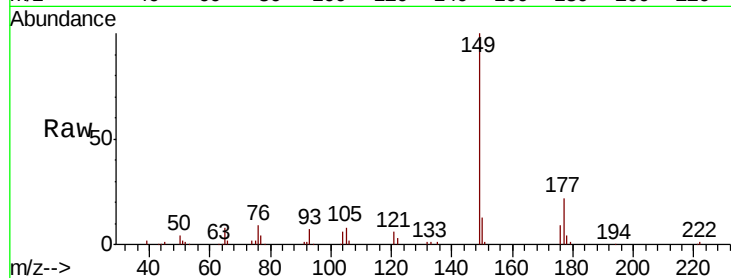




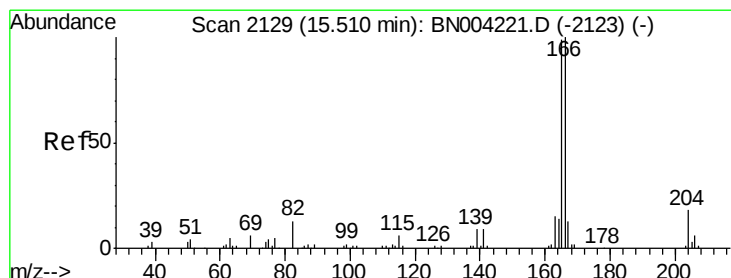
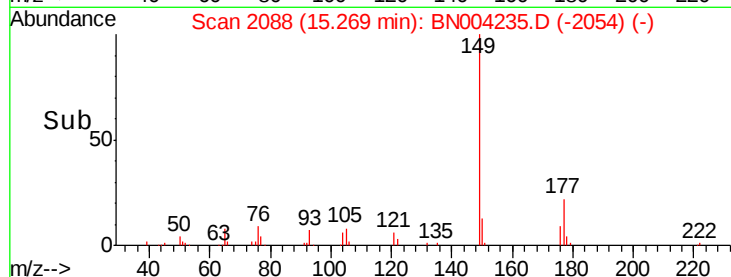
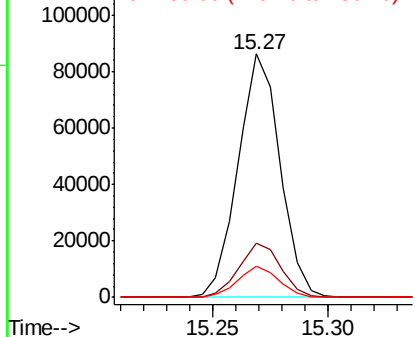
#56
Diethylphthalate
Concen: 19.537 ng/ul
RT: 15.27 min Scan# 2088
Delta R.T. -0.00 min
Lab File: BN004235.D
Acq: 27 Dec 2018 10:42

Instrument :
MSVOA_W
ClientSampleId :
SSTD02042

Tgt Ion:149 Resp: 109420
Ion Ratio Lower Upper
149 100
177 22.1 17.8 26.6
150 12.7 10.2 15.2

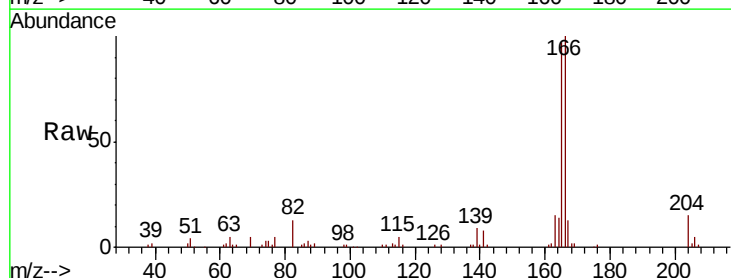


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

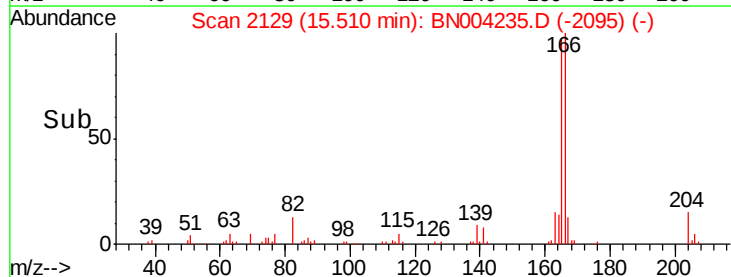
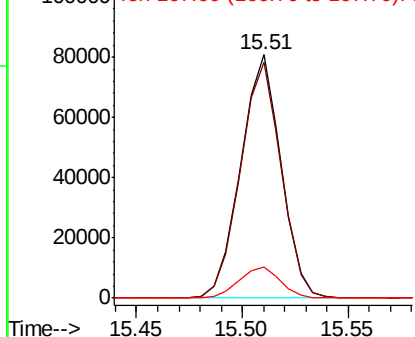


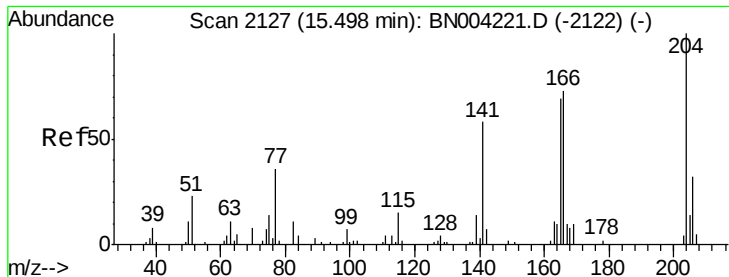
#58
Fluorene
Concen: 20.019 ng/ul
RT: 15.51 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BN004235.D
Acq: 27 Dec 2018 10:42

Tgt Ion:166 Resp: 106851
Ion Ratio Lower Upper
166 100
165 97.0 78.6 117.8
167 13.0 10.3 15.5



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

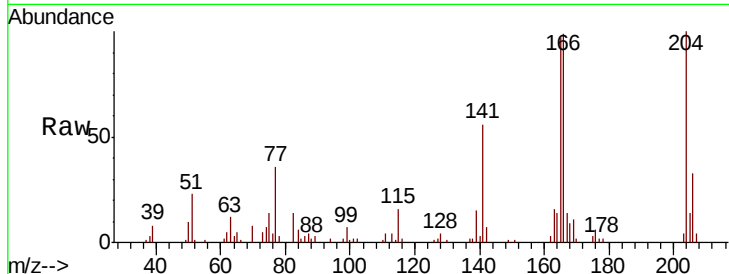




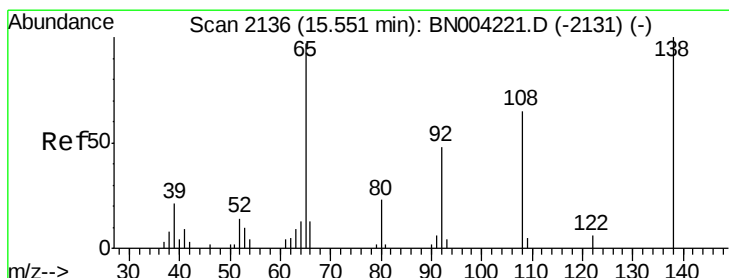
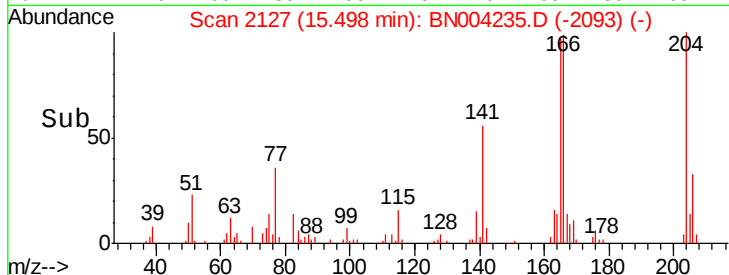
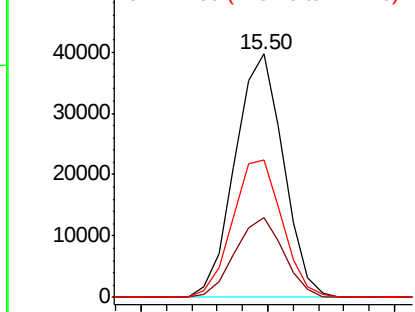
#59
 4-Chlorophenyl-phenylether
 Concen: 19.921 ng/ul
 RT: 15.50 min Scan# 2127
 Delta R.T. -0.00 min
 Lab File: BN004235.D
 Acq: 27 Dec 2018 10:42

Instrument :
 MSVOA_W
 ClientSampled :
 SST02042

Tgt Ion:204 Resp: 52684
 Ion Ratio Lower Upper
 204 100
 206 32.8 26.0 39.0
 141 56.3 46.1 69.1

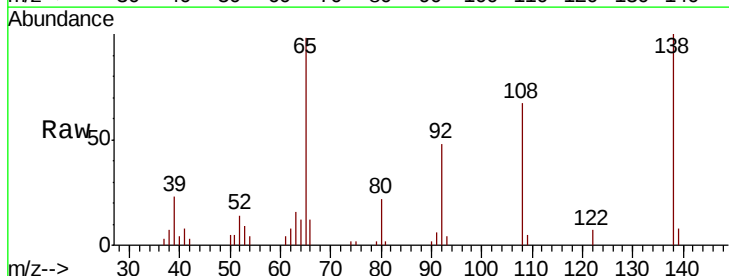


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

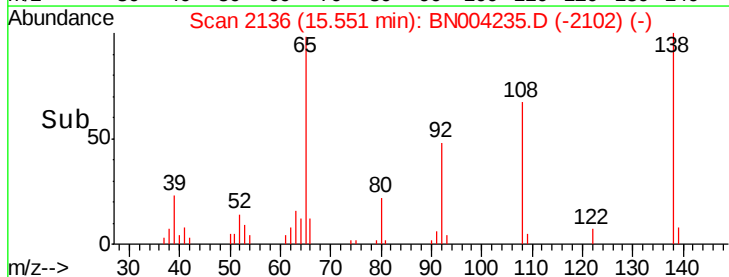
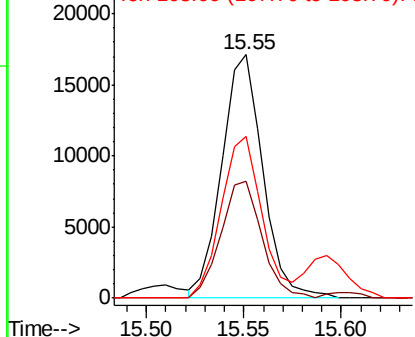


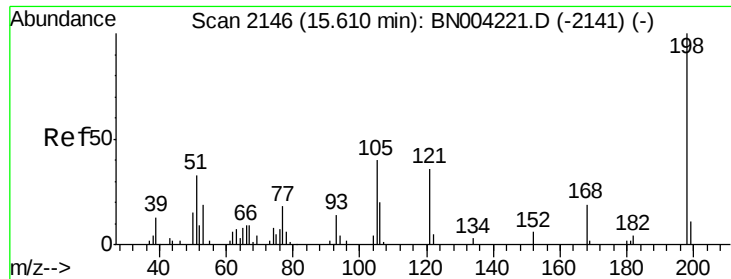
#60
 4-Nitroaniline
 Concen: 17.779 ng/ul
 RT: 15.55 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BN004235.D
 Acq: 27 Dec 2018 10:42

Tgt Ion:138 Resp: 24984
 Ion Ratio Lower Upper
 138 100
 92 47.8 39.0 58.4
 108 66.6 52.2 78.4



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BNC
 Ion 108.00 (107.70 to 108.70): E

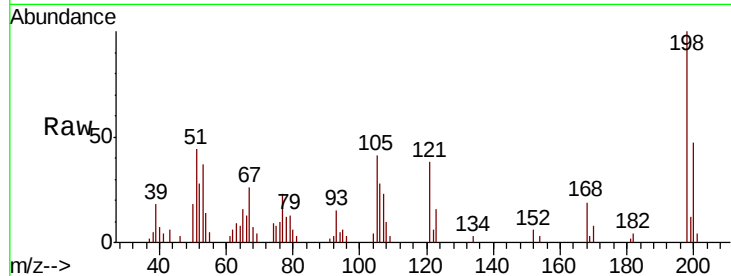




#63
 4,6-Dinitro-2-methylphenol
 Concen: 17.625 ng/ul
 RT: 15.60 min Scan# 2145
 Delta R.T. -0.01 min
 Lab File: BN004235.D
 Acq: 27 Dec 2018 10:42

Instrument :
 MSVOA_W
 ClientSampleId :
 SST02042

Tgt Ion	Ratio	Lower	Upper
198	100		
182	4.5	3.0	4.4#
77	22.8	17.4	26.2

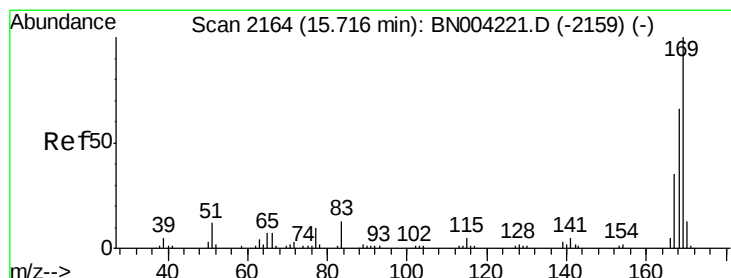
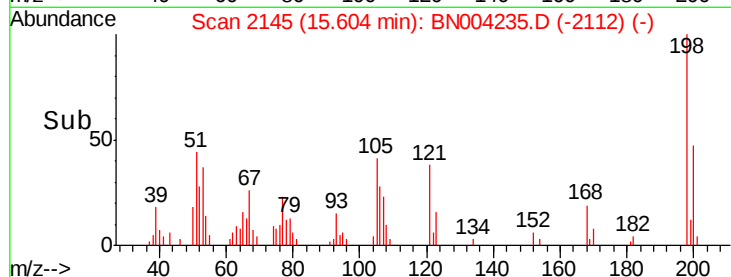
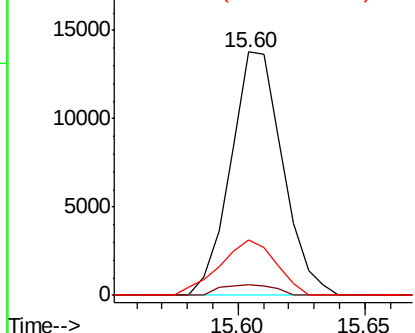


Abundance

Ion 198.00 (197.70 to 198.70): E

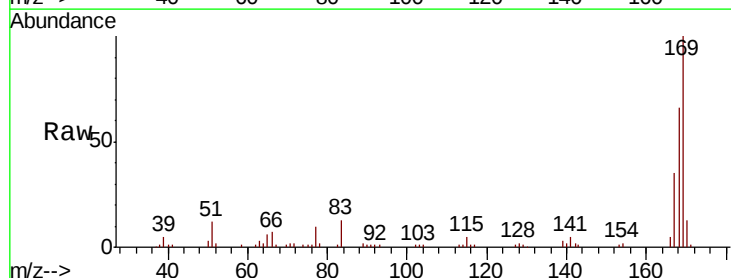
Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): B



#64
 N-Nitrosodiphenylamine
 Concen: 20.738 ng/ul
 RT: 15.72 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: BN004235.D
 Acq: 27 Dec 2018 10:42

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.5	53.7	80.5
167	35.4	28.6	42.8

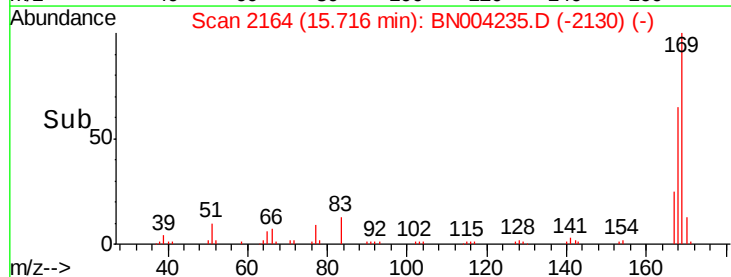
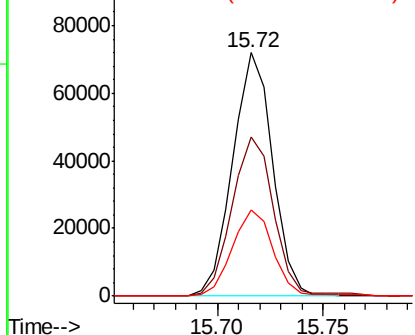


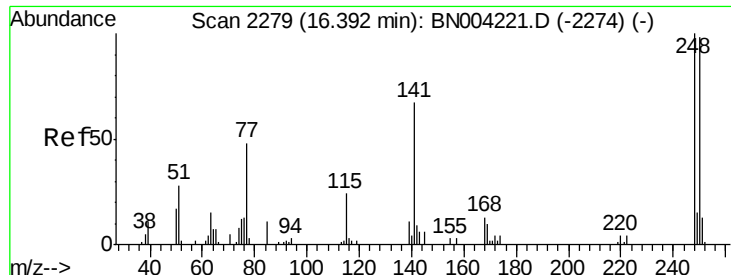
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

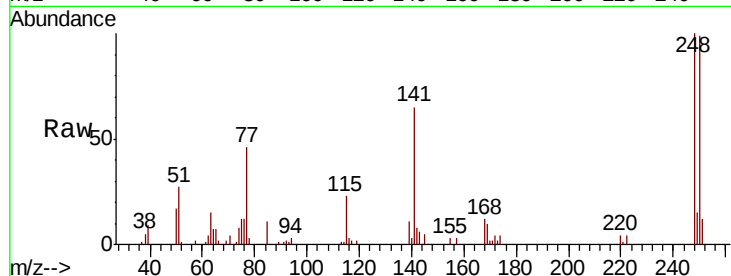




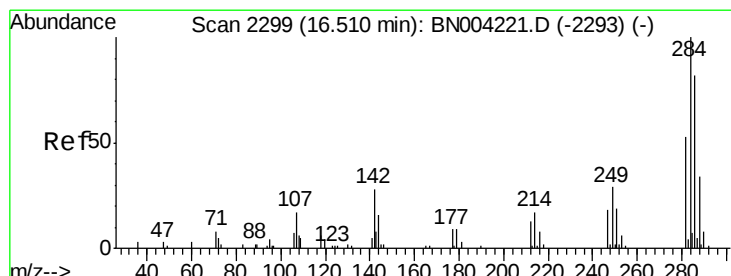
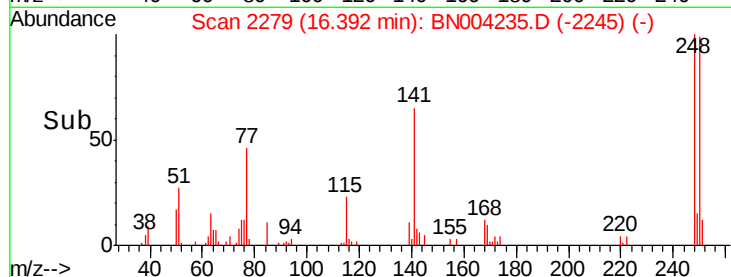
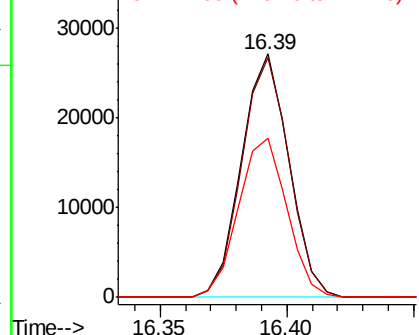
#65
4-Bromophenyl-phenylether
Concen: 20.871 ng/ul
RT: 16.39 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BN004235.D
Acq: 27 Dec 2018 10:42

Instrument :
MSVOA_W
ClientSampleId :
SSTD02042

Tgt Ion:248 Resp: 35329
Ion Ratio Lower Upper
248 100
250 98.6 80.2 120.4
141 65.5 55.8 83.8

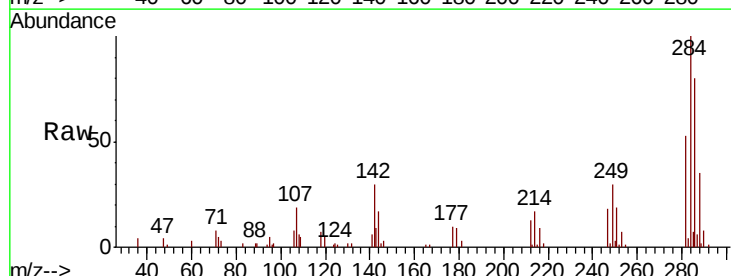


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

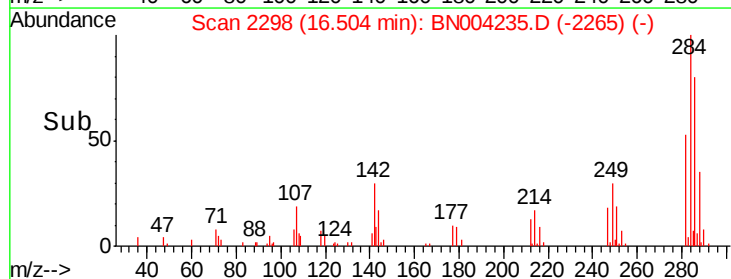
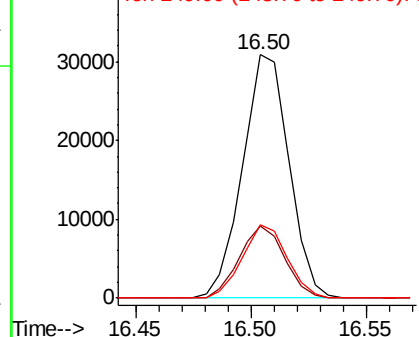


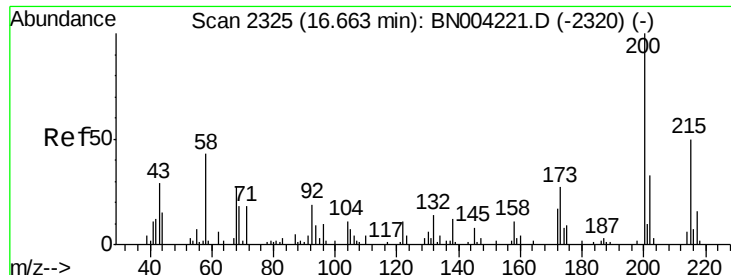
#66
Hexachlorobenzene
Concen: 20.500 ng/ul
RT: 16.50 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BN004235.D
Acq: 27 Dec 2018 10:42

Tgt Ion:284 Resp: 43412
Ion Ratio Lower Upper
284 100
142 29.6 23.1 34.7
249 29.9 22.6 33.8



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





#67

Atrazine

Concen: 20.288 ng/ul

RT: 16.66 min Scan# 2325

Delta R.T. -0.00 min

Lab File: BN004235.D

Acq: 27 Dec 2018 10:42

Instrument :

MSVOA_W

ClientSampleId :

SSTD02042

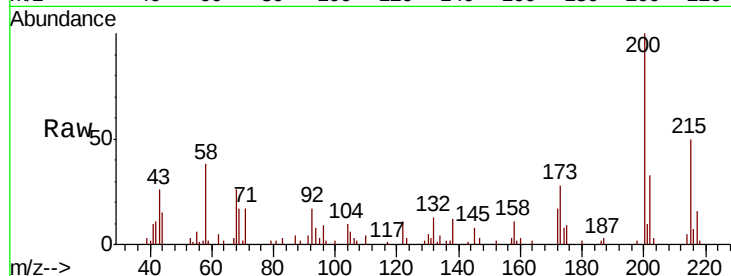
Tgt Ion:200 Resp: 33699

Ion Ratio Lower Upper

200 100

173 27.6 21.5 32.3

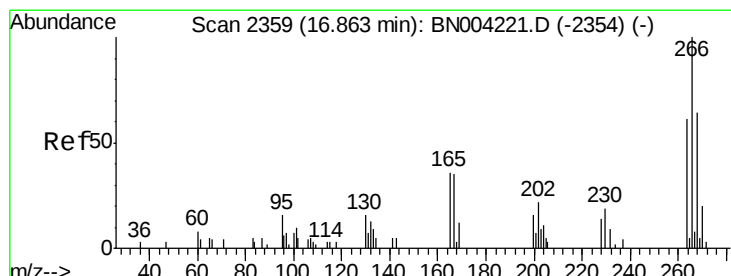
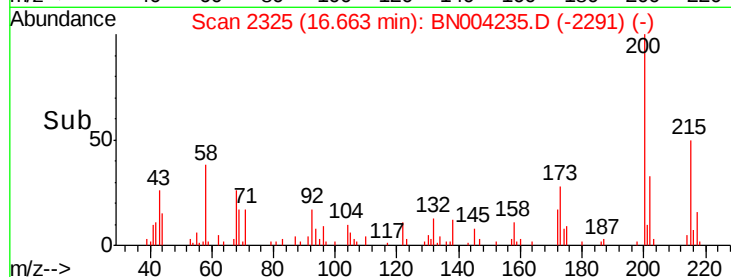
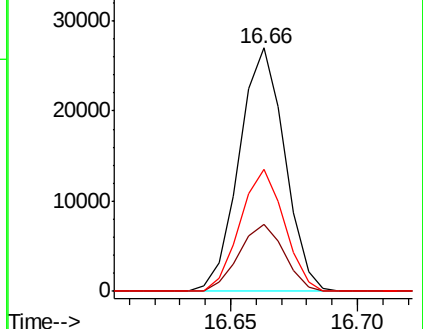
215 50.1 37.9 56.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#68

Pentachlorophenol

Concen: 13.693 ng/ul

RT: 16.86 min Scan# 2358

Delta R.T. -0.01 min

Lab File: BN004235.D

Acq: 27 Dec 2018 10:42

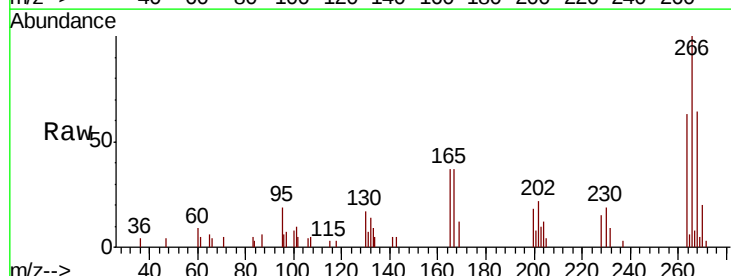
Tgt Ion:266 Resp: 16555

Ion Ratio Lower Upper

266 100

264 62.8 51.8 77.8

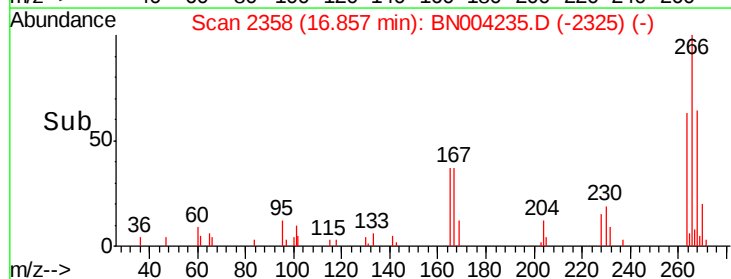
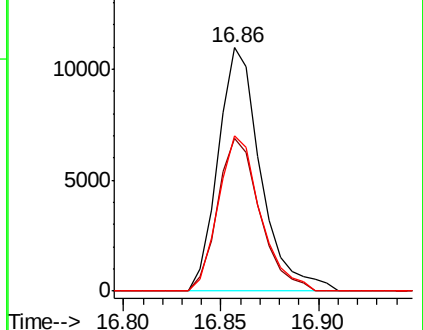
268 63.7 50.7 76.1

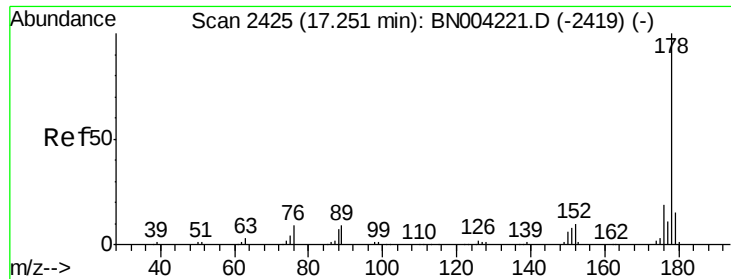


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 20.136 ng/ul

RT: 17.25 min Scan# 2425

Delta R.T. -0.00 min

Lab File: BN004235.D

Acq: 27 Dec 2018 10:42

Instrument :

MSVOA_W

ClientSampleId :

SSTD02042

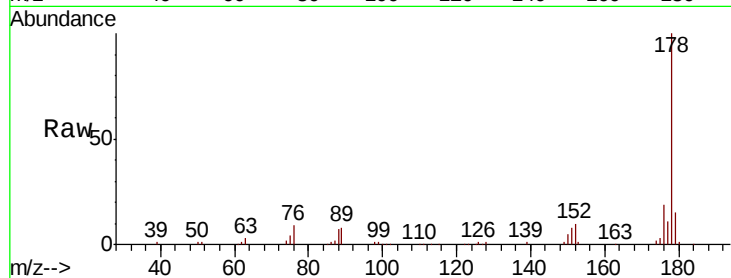
Tgt Ion:178 Resp: 175173

Ion Ratio Lower Upper

178 100

179 15.1 12.1 18.1

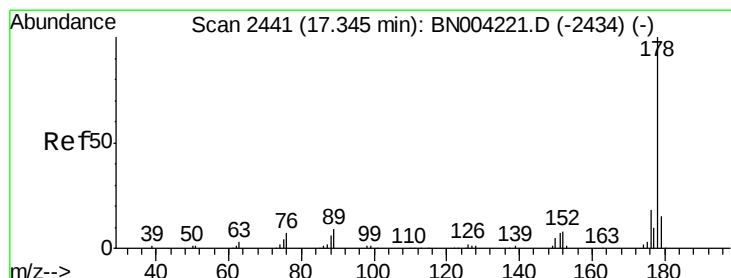
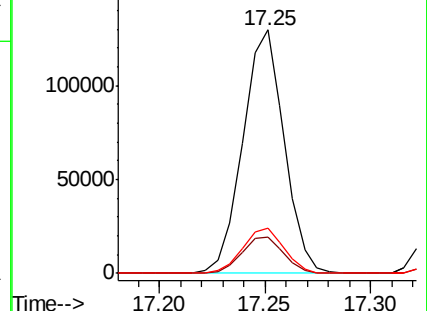
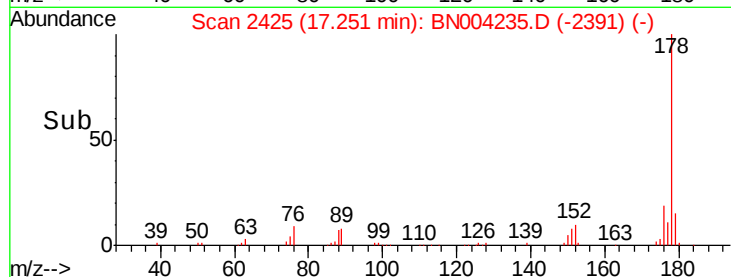
176 18.5 15.0 22.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 20.174 ng/ul

RT: 17.34 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BN004235.D

Acq: 27 Dec 2018 10:42

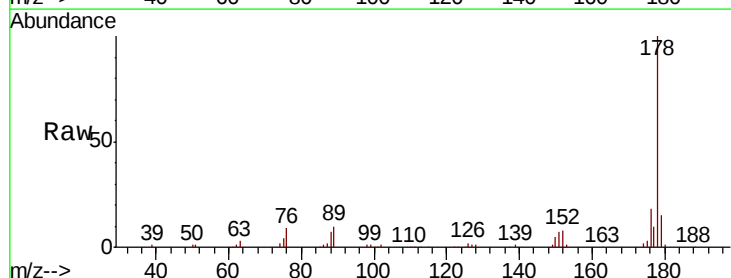
Tgt Ion:178 Resp: 179905

Ion Ratio Lower Upper

178 100

179 15.1 12.1 18.1

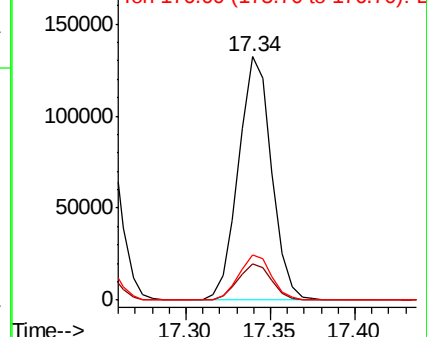
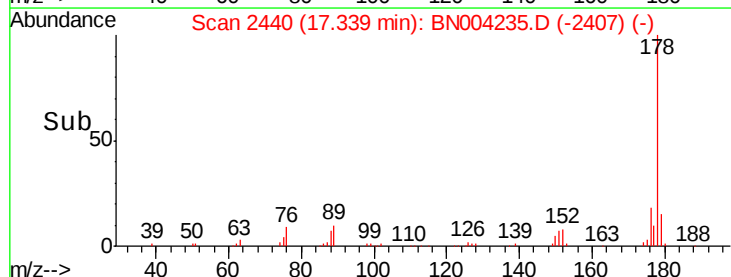
176 18.4 15.2 22.8

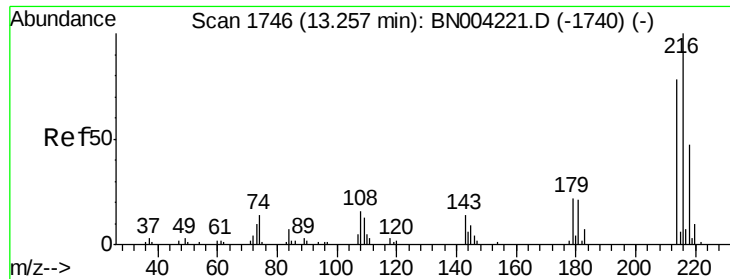


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

1,2,3,4-Tetrachlorobenzene

Concen: 21.223 ng/uL

RT: 13.26 min Scan# 1746

Delta R.T. -0.00 min

Lab File: BN004235.D

Acq: 27 Dec 2018 10:42

Instrument :

MSVOA_W

ClientSampleId :

SSTD02042

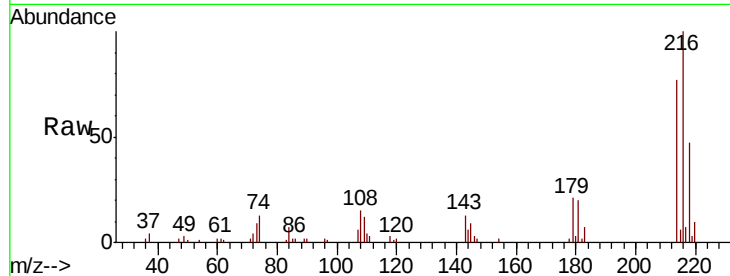
Tgt Ion:216 Resp: 40018

Ion Ratio Lower Upper

216 100

214 76.9 63.8 95.8

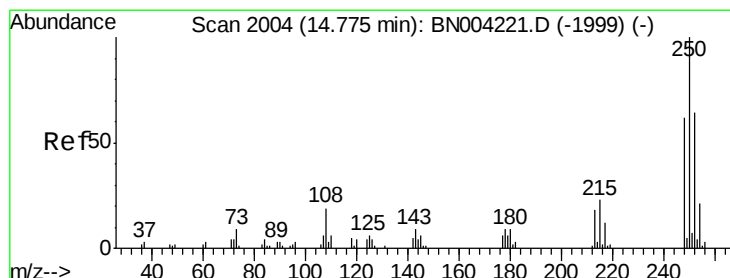
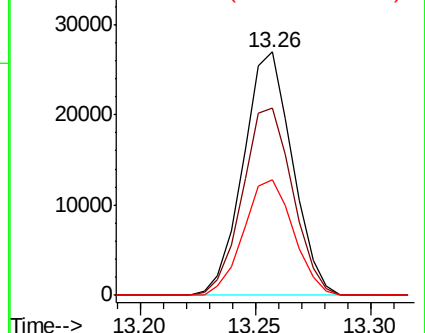
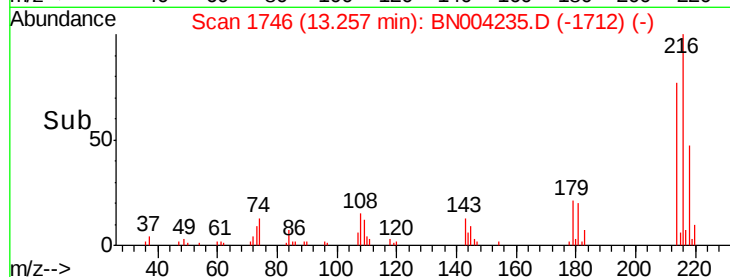
218 47.2 38.9 58.3



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



#73

Pentachlorobenzene

Concen: 20.872 ng/uL

RT: 14.77 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BN004235.D

Acq: 27 Dec 2018 10:42

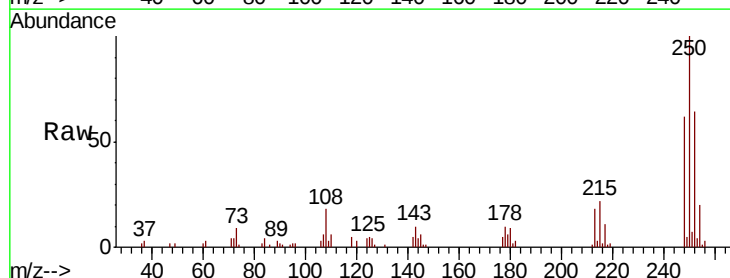
Tgt Ion:250 Resp: 44969

Ion Ratio Lower Upper

250 100

248 62.2 50.2 75.2

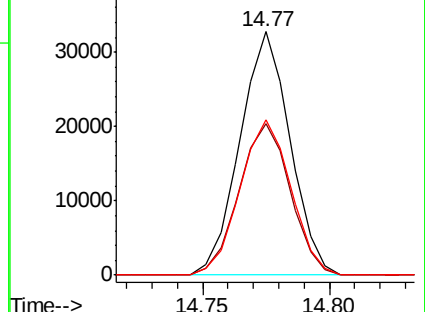
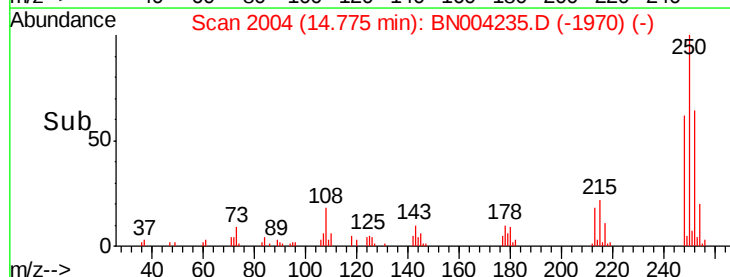
252 63.8 51.4 77.0

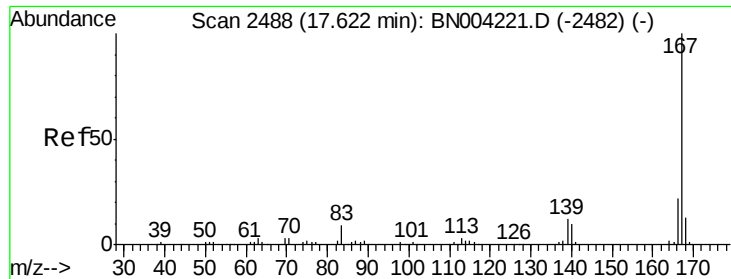


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E





#74

Carbazole

Concen: 20.248 ng/ul

RT: 17.62 min Scan# 2487

Delta R.T. -0.01 min

Lab File: BN004235.D

Acq: 27 Dec 2018 10:42

Instrument :

MSVOA_W

ClientSampleId :

SSTD02042

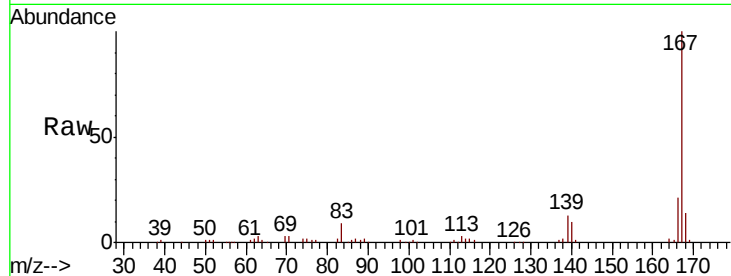
Tgt Ion:167 Resp: 165918

Ion Ratio Lower Upper

167 100

166 21.2 17.4 26.0

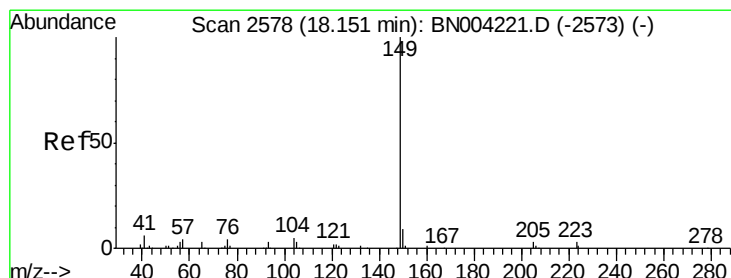
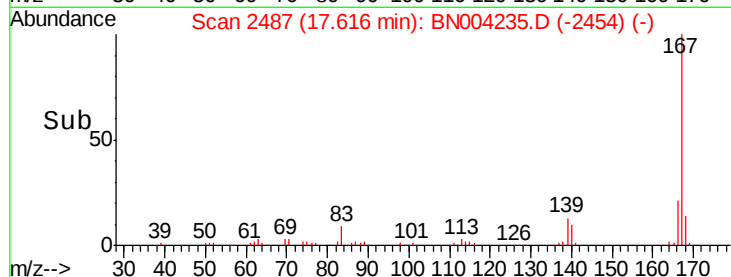
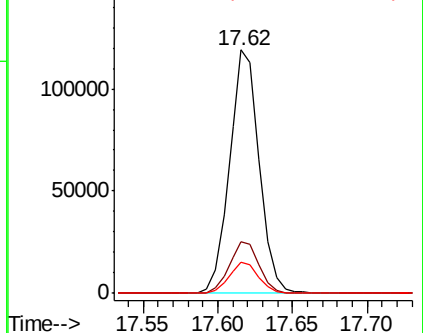
139 12.7 10.2 15.2



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



#75

Di-n-butylphthalate

Concen: 19.996 ng/ul

RT: 18.15 min Scan# 2578

Delta R.T. -0.00 min

Lab File: BN004235.D

Acq: 27 Dec 2018 10:42

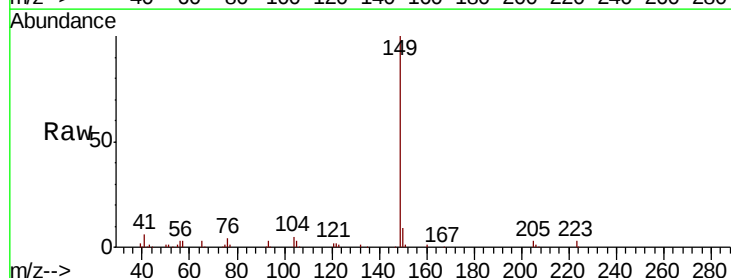
Tgt Ion:149 Resp: 193121

Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

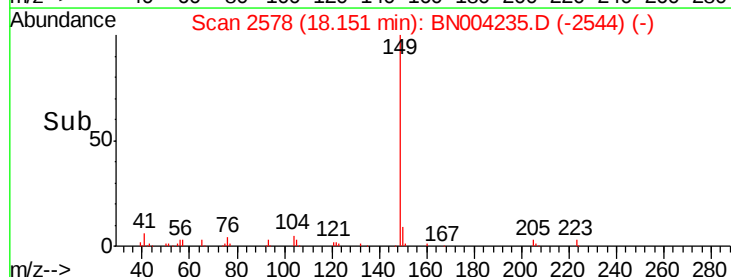
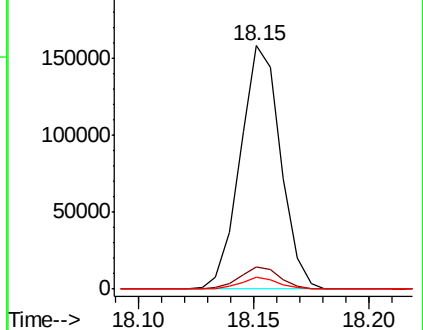
104 4.7 3.6 5.4

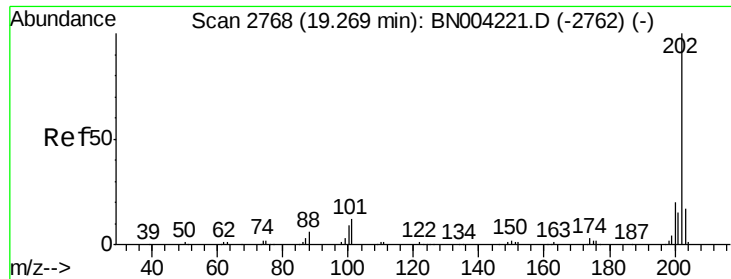


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

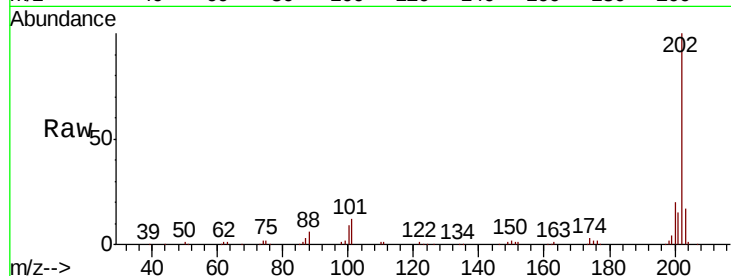




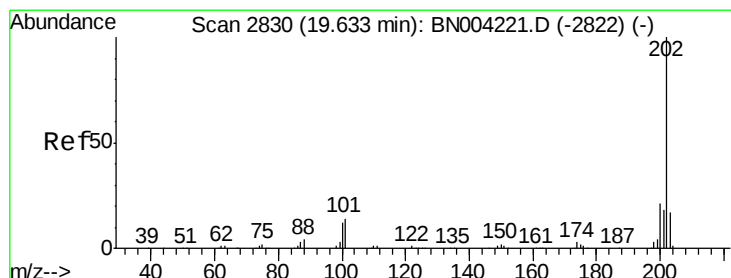
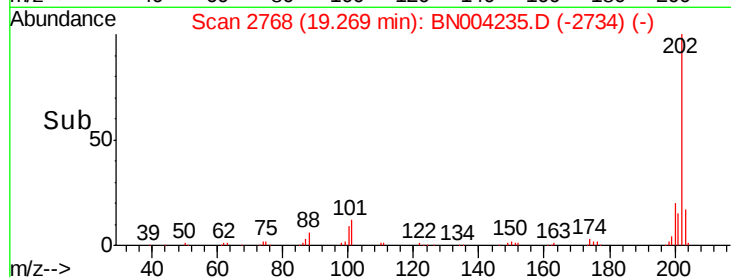
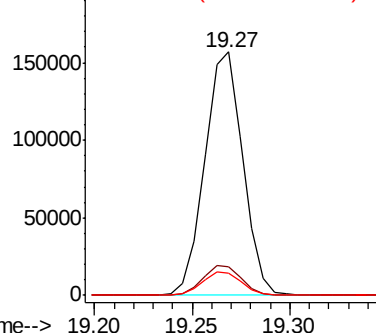
#76
 Fluoranthene
 Concen: 19.934 ng/ul
 RT: 19.27 min Scan# 2768
 Delta R.T. -0.00 min
 Lab File: BN004235.D
 Acq: 27 Dec 2018 10:42

Instrument :
 MSVOA_W
 ClientSampleId :
 SSTD02042

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	10.2	15.2
100	9.0	7.8	11.8

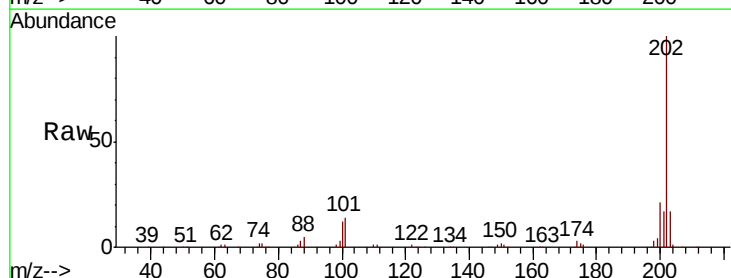


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

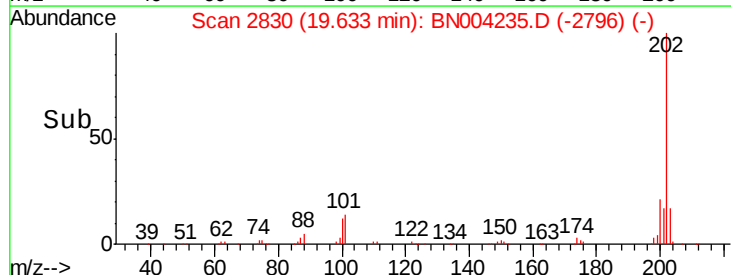
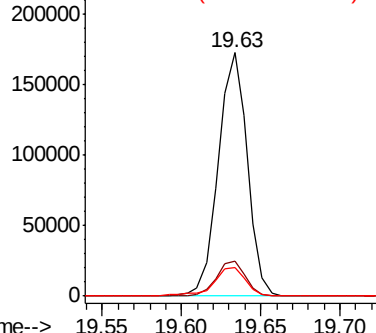


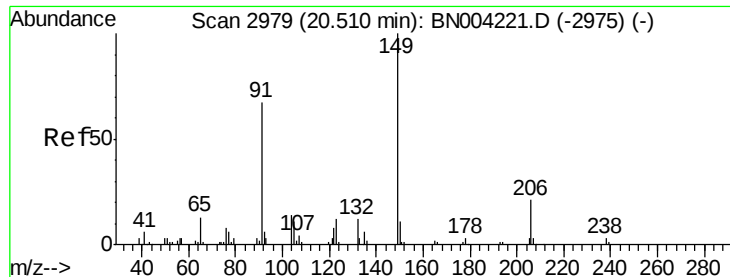
#79
 Pyrene
 Concen: 20.749 ng/ul
 RT: 19.63 min Scan# 2830
 Delta R.T. -0.00 min
 Lab File: BN004235.D
 Acq: 27 Dec 2018 10:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.1	12.2	18.2
100	11.9	9.9	14.9



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





#80

Butylbenzylphthalate

Concen: 20.548 ng/ul

RT: 20.52 min Scan# 2980

Delta R.T. 0.01 min

Lab File: BN004235.D

Acq: 27 Dec 2018 10:42

Instrument :

MSVOA_W

ClientSampleId :

SSTD02042

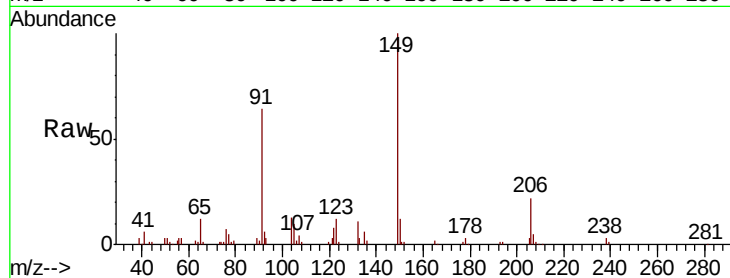
Tgt Ion:149 Resp: 96948

Ion Ratio Lower Upper

149 100

91 63.8 53.0 79.4

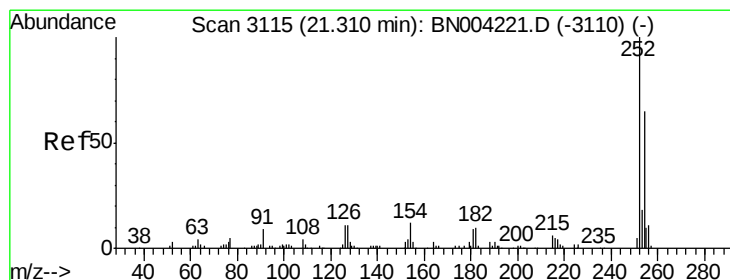
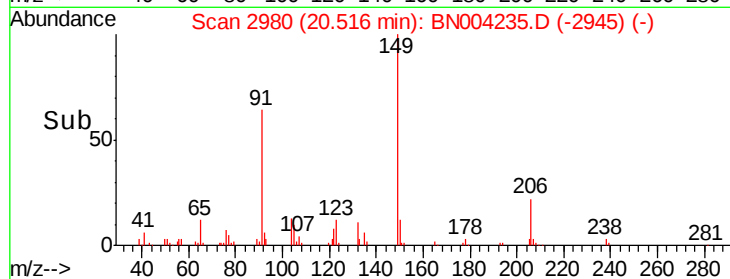
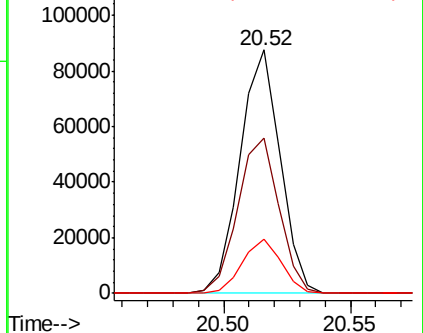
206 22.5 17.1 25.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BN

Ion 206.00 (205.70 to 206.70): E



#81

3,3'-Dichlorobenzidine

Concen: 20.954 ng/ul

RT: 21.32 min Scan# 3116

Delta R.T. 0.01 min

Lab File: BN004235.D

Acq: 27 Dec 2018 10:42

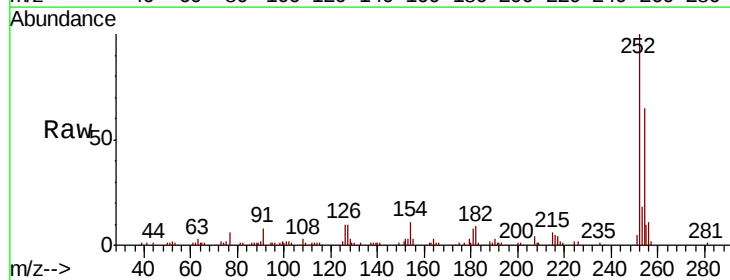
Tgt Ion:252 Resp: 91109

Ion Ratio Lower Upper

252 100

254 64.5 51.9 77.9

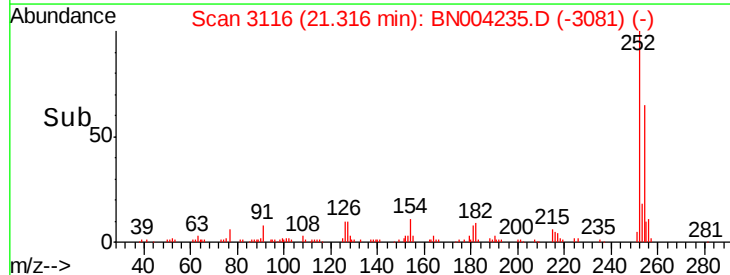
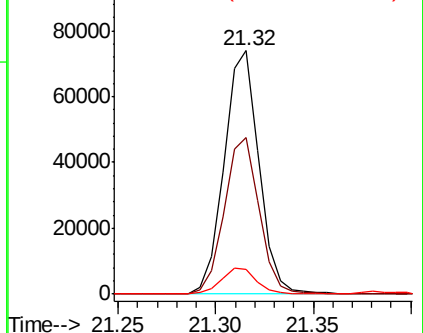
126 10.1 9.5 14.3

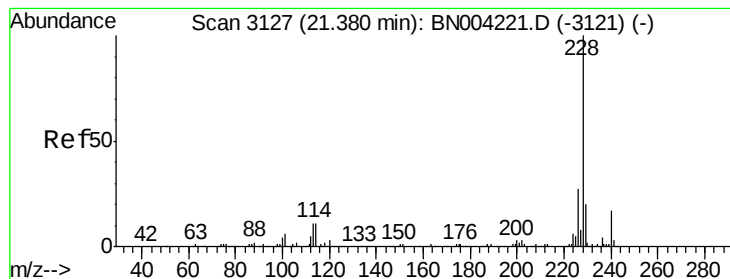


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Benzo(a)anthracene

Concen: 20.102 ng/ul

RT: 21.38 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BN004235.D

Acq: 27 Dec 2018 10:42

Instrument :

MSVOA_W

ClientSampleId :

SSTD02042

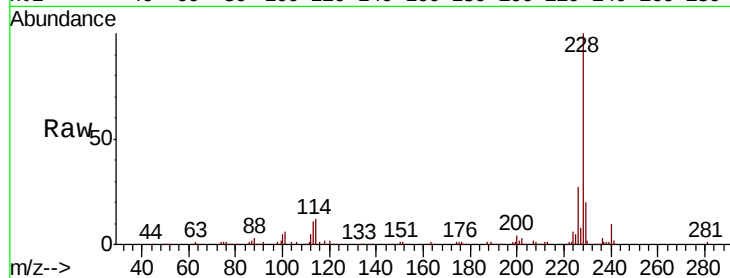
Tgt Ion:228 Resp: 236918

Ion Ratio Lower Upper

228 100

229 19.7 15.9 23.9

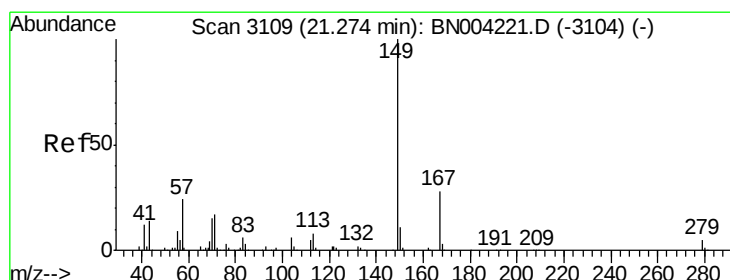
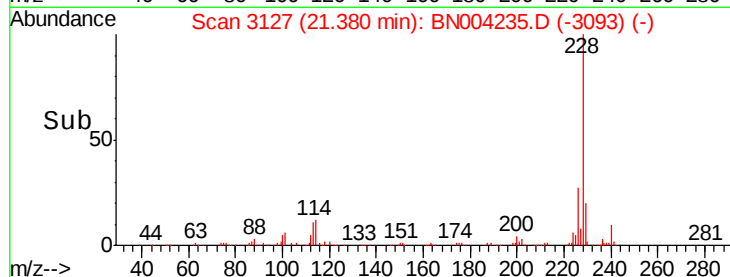
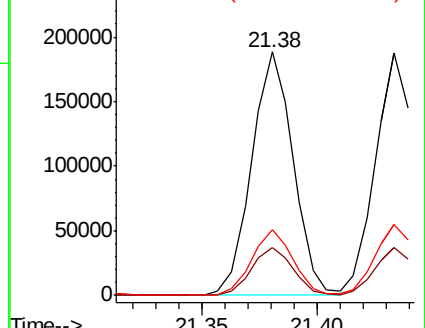
226 26.9 21.4 32.2



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 19.855 ng/ul

RT: 21.28 min Scan# 3110

Delta R.T. 0.01 min

Lab File: BN004235.D

Acq: 27 Dec 2018 10:42

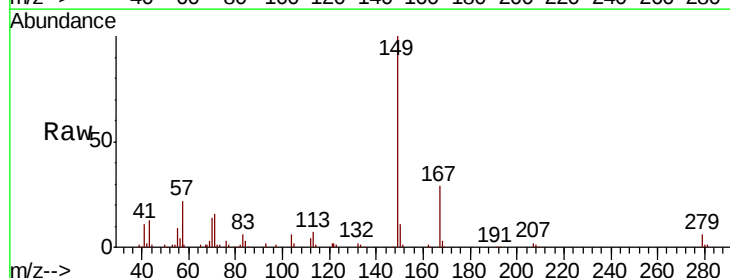
Tgt Ion:149 Resp: 143099

Ion Ratio Lower Upper

149 100

167 28.6 23.0 34.4

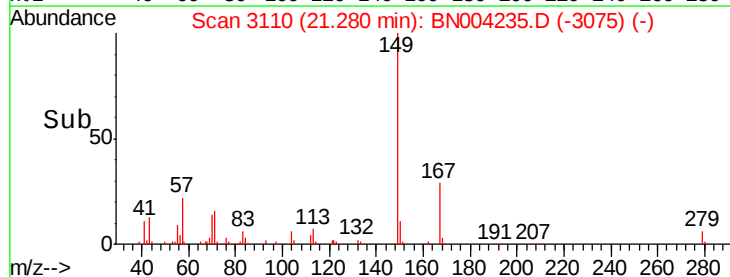
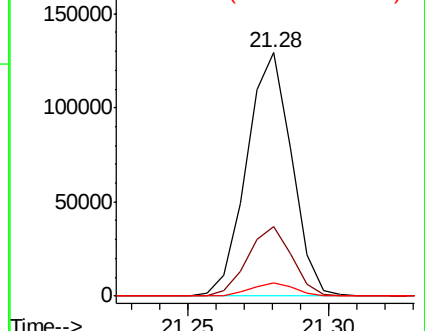
279 5.5 4.4 6.6

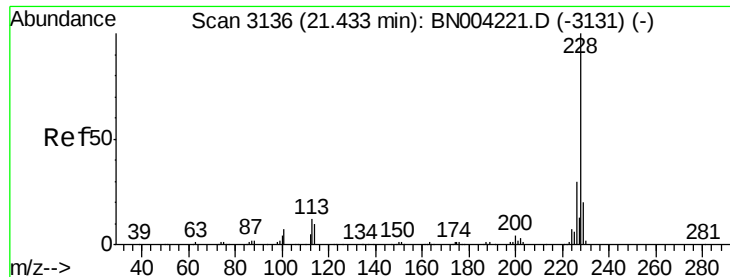


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 20.112 ng/ul

RT: 21.43 min Scan# 3136

Delta R.T. -0.00 min

Lab File: BN004235.D

Acq: 27 Dec 2018 10:42

Instrument :

MSVOA_W

ClientSampleId :

SSTD02042

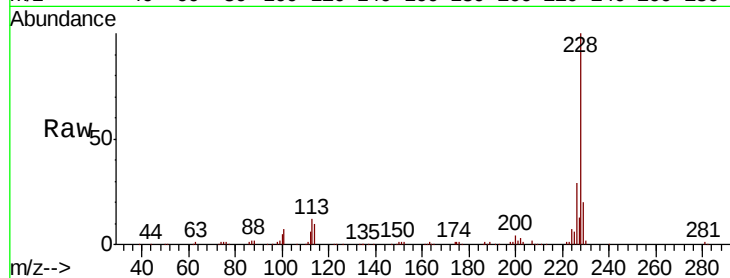
Tgt Ion:228 Resp: 222027

Ion Ratio Lower Upper

228 100

226 29.2 23.8 35.8

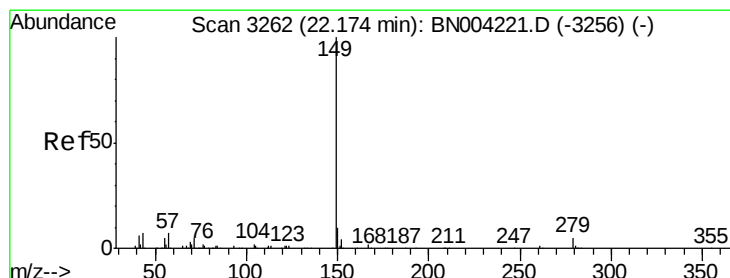
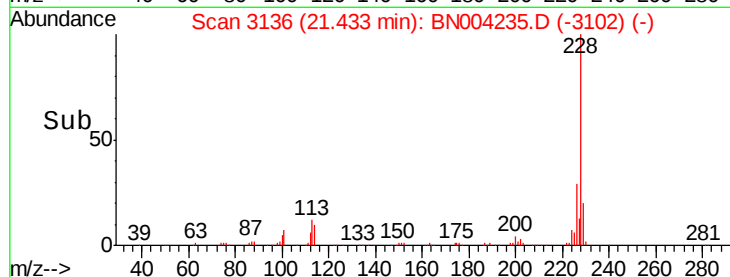
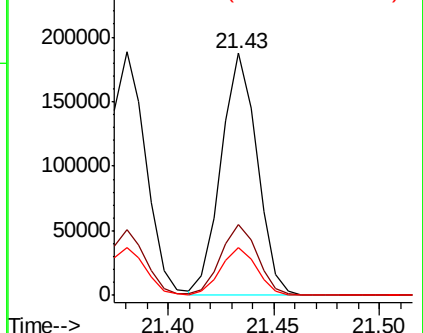
229 19.8 15.8 23.6



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



#86

Di-n-octyl phthalate

Concen: 20.980 ng/ul

RT: 22.17 min Scan# 3262

Delta R.T. -0.00 min

Lab File: BN004235.D

Acq: 27 Dec 2018 10:42

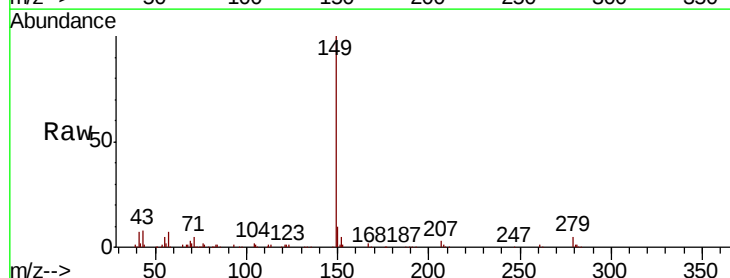
Tgt Ion:149 Resp: 254768

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

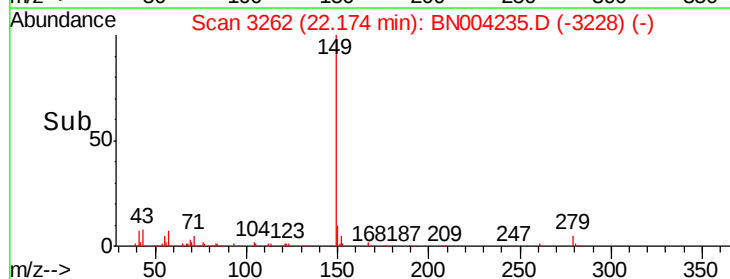
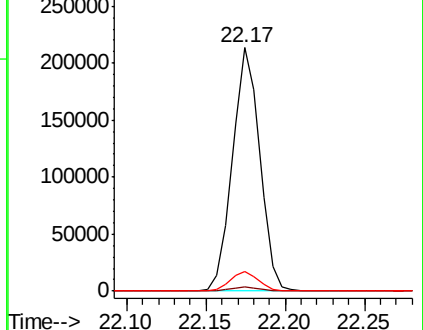
43 7.9 6.6 9.8

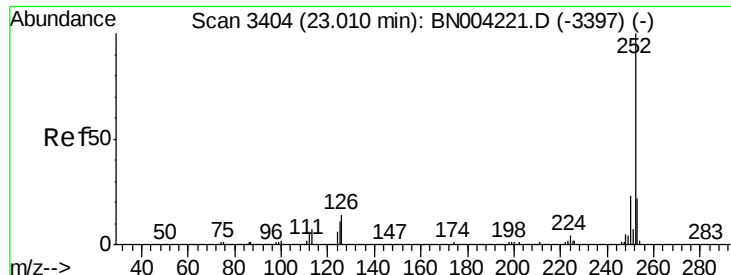


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC





#87

Benzo(b)fluoranthene

Concen: 19.984 ng/ul

RT: 23.02 min Scan# 3405

Delta R.T. 0.01 min

Lab File: BN004235.D

Acq: 27 Dec 2018 10:42

Instrument :

MSVOA_W

ClientSampleId :

SSTD02042

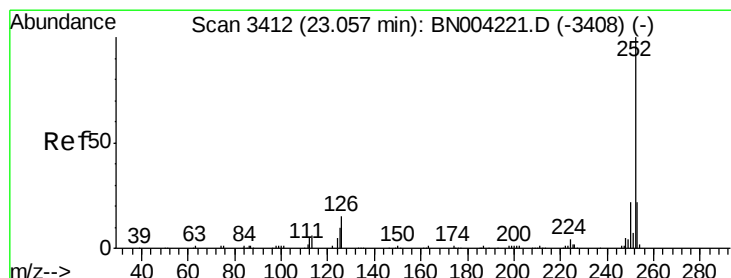
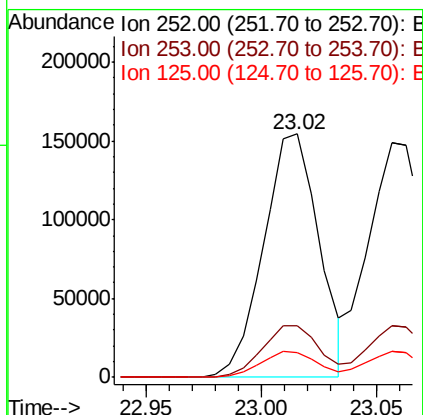
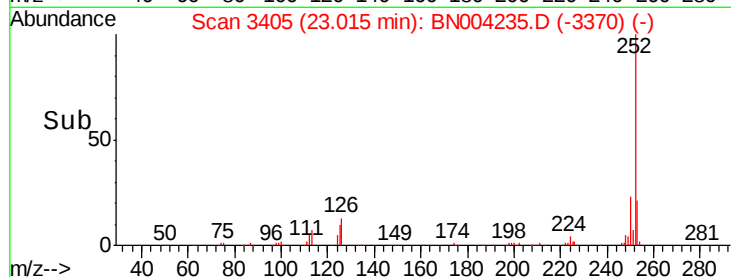
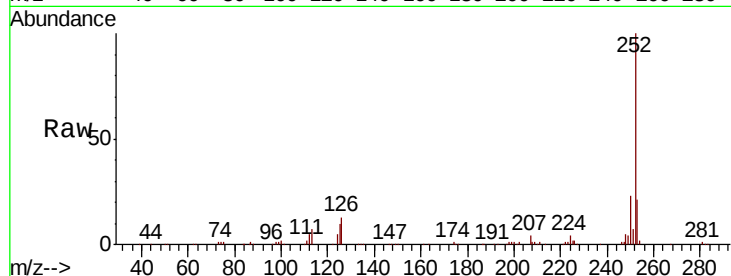
Tgt Ion:252 Resp: 258667

Ion Ratio Lower Upper

252 100

253 21.2 17.3 25.9

125 10.3 8.2 12.4



#88

Benzo(k)fluoranthene

Concen: 21.315 ng/ul

RT: 23.06 min Scan# 3412

Delta R.T. -0.00 min

Lab File: BN004235.D

Acq: 27 Dec 2018 10:42

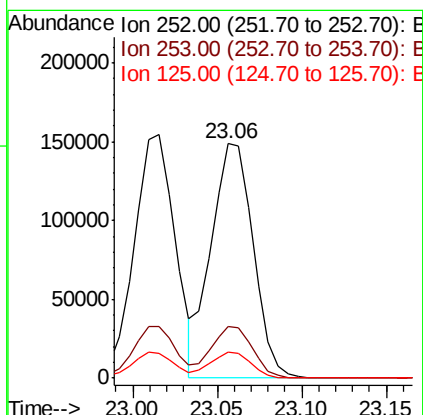
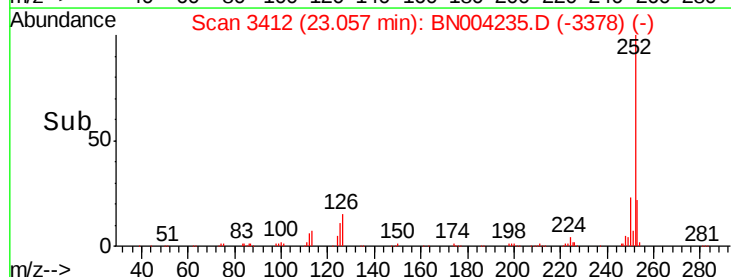
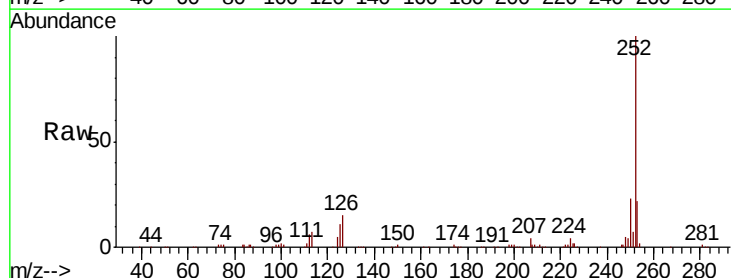
Tgt Ion:252 Resp: 258328

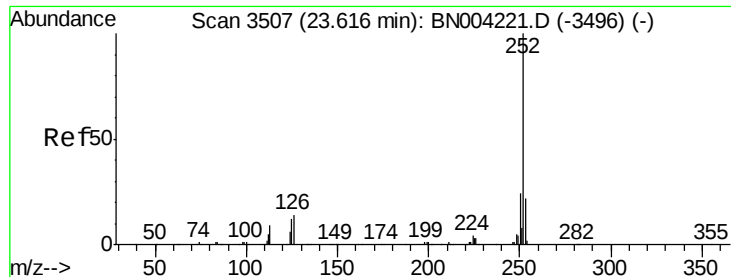
Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

125 11.0 7.9 11.9





#90

Benzo(a)pyrene

Concen: 20.304 ng/u1

RT: 23.62 min Scan# 3507

Delta R.T. -0.00 min

Lab File: BN004235.D

Acq: 27 Dec 2018 10:42

Instrument :

MSVOA_W

ClientSampleId :

SSTD02042

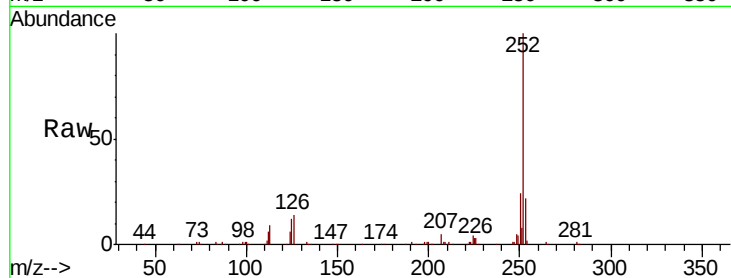
Tgt Ion:252 Resp: 253099

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

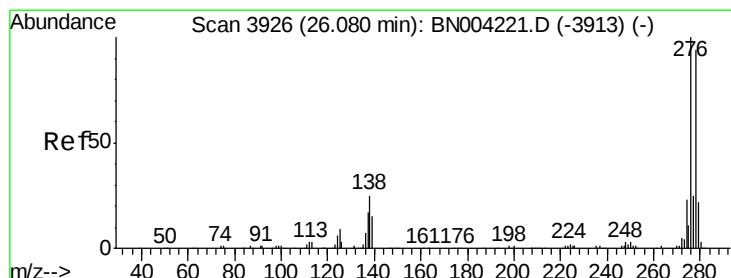
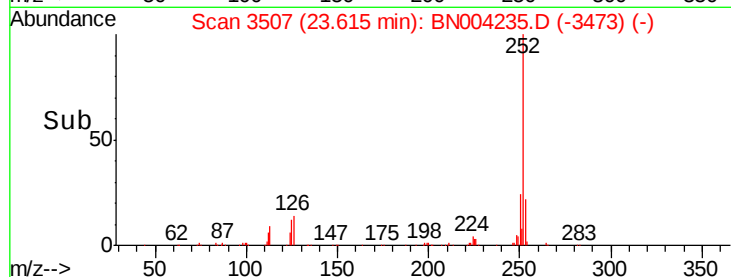
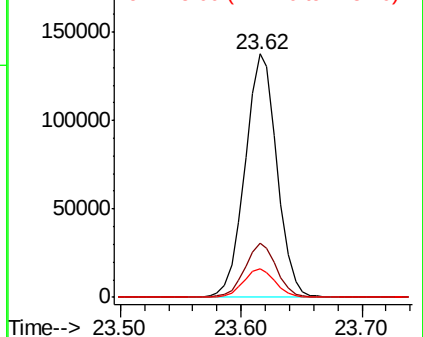
125 11.7 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Indeno(1,2,3-cd)pyrene

Concen: 18.535 ng/u1

RT: 26.09 min Scan# 3927

Delta R.T. 0.01 min

Lab File: BN004235.D

Acq: 27 Dec 2018 10:42

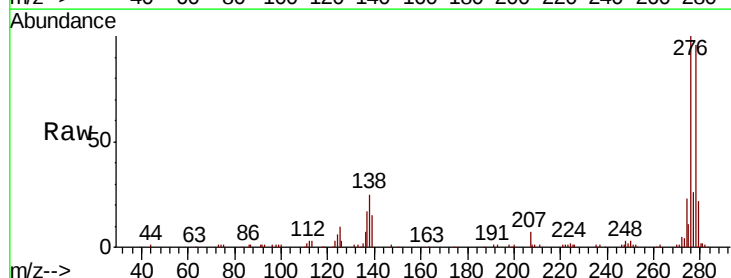
Tgt Ion:276 Resp: 301170

Ion Ratio Lower Upper

276 100

138 25.3 20.4 30.6

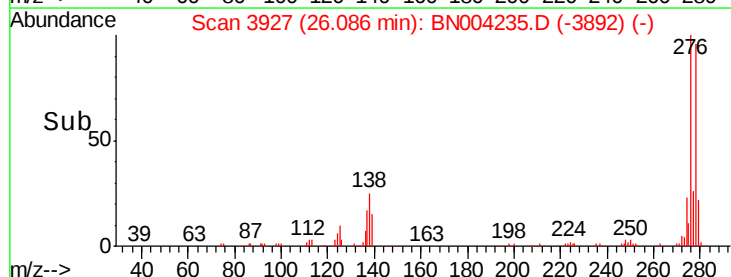
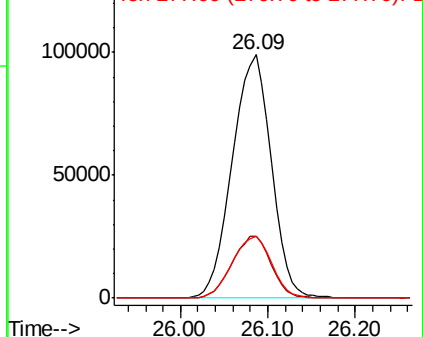
277 25.7 20.6 30.8

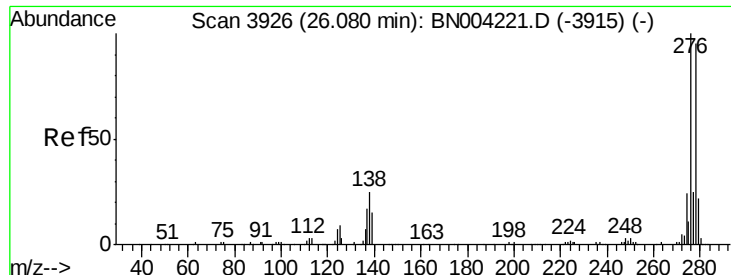


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



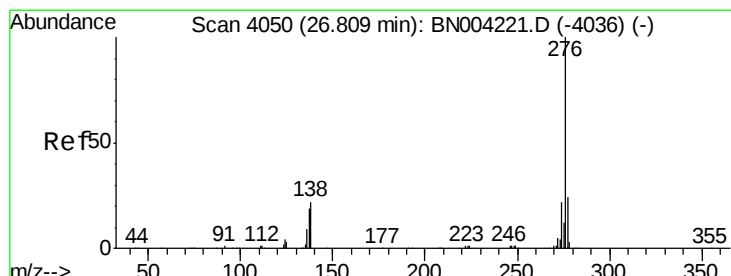
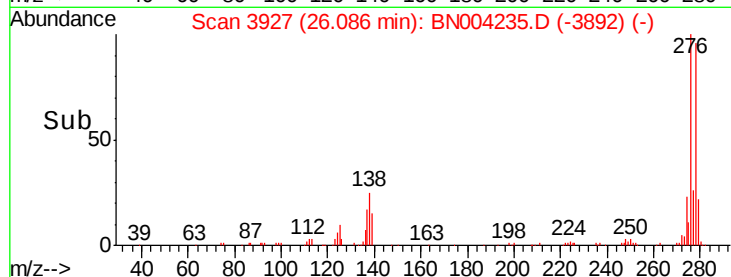
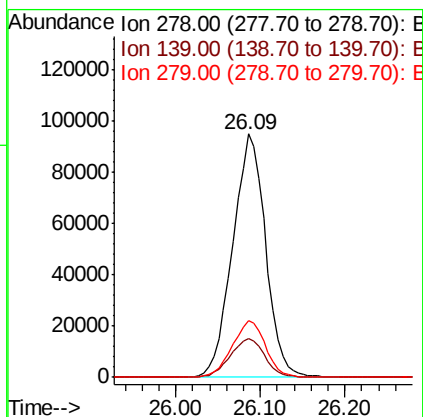
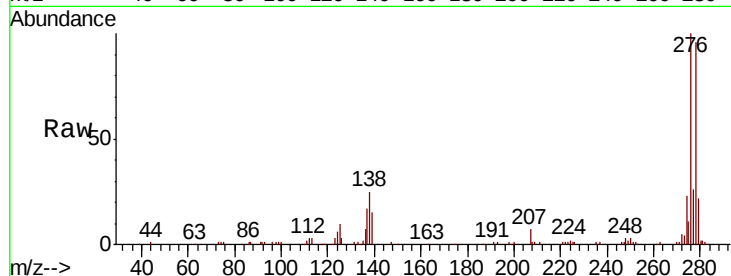


#92

Dibenzo(a,h)anthracene
 Concen: 18.964 ng/ul
 RT: 26.09 min Scan# 3927
 Delta R.T. 0.01 min
 Lab File: BN004235.D
 Acq: 27 Dec 2018 10:42

Instrument :
 MSVOA_W
 ClientSampleId :
 SSTD02042

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.3	19.9
279	23.2	19.0	28.6



#93

Benzo(g,h,i)perylene
 Concen: 17.987 ng/ul
 RT: 26.81 min Scan# 4050
 Delta R.T. -0.00 min
 Lab File: BN004235.D
 Acq: 27 Dec 2018 10:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.7	18.2	27.4
277	23.7	19.0	28.6

