

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111418\
 Data File : BN003538.D
 Acq On : 14 Nov 2018 21:52
 Operator : MJ/SJ
 Sample : SSTD08049
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 15 00:38:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 15 00:28:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	106897	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	443665	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	277654	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	566544	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	612002	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	591660	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	70661	34.47	ng/uL	0.00
5) Phenol-d5	7.00	99	719389	79.05	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.18	67	404972	80.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	628599	81.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	607239	80.40	ng/ul	0.01
19) Nitrobenzene-d5	9.02	128	299374	87.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	365091	96.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	652322	88.25	ng/ul	0.01
29) 4-Chloroaniline-d4	10.79	131	538011	84.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1720941	74.94	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	2238241	77.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	369985	90.21	ng/ul	0.02
57) Fluorene-d10	15.47	176	1453302	71.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	362745	103.41	ng/ul	0.02
70) Anthracene-d10	17.33	188	2146193	77.84	ng/ul	0.00
78) Pyrene-d10	19.62	212	2622569	76.46	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.57	264	2622570	82.97	ng/ul	0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.33	88	73874	33.002	ng/uL 99
4) Benzaldehyde	6.99	77	137881	86.207	ng/ul 97
6) Phenol	7.03	94	713315	77.444	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.28	93	549804	79.565	ng/ul 100
10) 2-Chlorophenol	7.41	128	628838	81.383	ng/ul 99
11) 2-Methylphenol	8.28	108	554408	77.983	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	8.38	45	712744	80.158	ng/ul 99
14) Acetophenone	8.68	105	867093	77.563	ng/ul 100
15) N-Nitroso-di-n-propylamine	8.67	70	418950	80.357	ng/ul 98
16) 4-Methylphenol	8.62	108	619562	79.986	ng/ul 99
17) Hexachloroethane	8.92	117	222603	79.828	ng/ul 99
20) Nitrobenzene	9.06	77	589647	82.129	ng/ul 97
21) Isophorone	9.58	82	1166052	86.786	ng/ul 99
23) 2-Nitrophenol	9.76	139	375590	92.362	ng/ul 99
24) 2,4-Dimethylphenol	9.81	107	646589	83.215	ng/ul 98
25) Bis(2-Chloroethoxy)methane	10.06	93	767204	85.629	ng/ul 99
27) 2,4-Dichlorophenol	10.29	162	617241	85.750	ng/ul 99
28) Naphthalene	10.70	128	1828144	78.804	ng/ul 99
30) 4-Chloroaniline	10.81	127	543093	83.899	ng/ul 100
31) Hexachlorobutadiene	10.96	225	380057	85.636	ng/ul 99
32) Caprolactam	11.62	113	106794	50.432	ng/ul 98
33) 4-Chloro-3-methylphenol	11.93	107	568432	80.929	ng/ul 99
34) 2-Methylnaphthalene	12.30	142	1250688	74.466	ng/ul 99

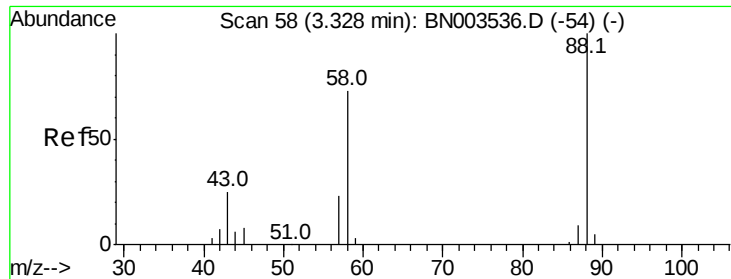
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111418\
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.67	216	745303	77.371	ng/ul	100
37) Hexachlorocyclopentadiene	12.63	237	536078	97.903	ng/ul	99
38) 2,4,6-Trichlorophenol	12.91	196	492896	81.932	ng/ul	99
39) 2,4,5-Trichlorophenol	12.99	196	536688	81.243	ng/ul	100
40) 1,1'-Biphenyl	13.32	154	1658386	71.705	ng/ul	99
41) 2-Chloronaphthalene	13.36	162	1367556	75.129	ng/ul	99
42) 2-Nitroaniline	13.58	65	353679	84.176	ng/ul	94
44) Dimethylphthalate	13.95	163	1718127	76.889	ng/ul	100
45) 2,6-Dinitrotoluene	14.07	165	387570	85.499	ng/ul	97
47) Acenaphthylene	14.21	152	2008003	73.988	ng/ul	99
48) 3-Nitroaniline	14.40	138	359097	82.650	ng/ul	97
49) Acenaphthene	14.55	153	1476428	76.537	ng/ul	100
50) 2,4-Dinitrophenol	14.60	184	274380	116.566	ng/ul	97
52) 4-Nitrophenol	14.71	109	228839	88.850	ng/ul	98
53) Dibenzofuran	14.89	168	2029492	74.137	ng/ul	99
54) 2,4-Dinitrotoluene	14.86	165	555308	85.037	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.10	232	469990	83.167	ng/ul	98
56) Diethylphthalate	15.30	149	1663372	76.535	ng/ul	98
58) Fluorene	15.53	166	1558834	71.024	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.52	204	832157	72.036	ng/ul	97
60) 4-Nitroaniline	15.58	138	394283	83.482	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.62	198	361951	100.353	ng/ul	98
64) N-Nitrosodiphenylamine	15.74	169	1391744	79.497	ng/ul	99
65) 4-Bromophenyl-phenylether	16.42	248	552262	79.492	ng/ul	97
66) Hexachlorobenzene	16.52	284	636293	77.941	ng/ul	99
67) Atrazine	16.69	200	505266	83.111	ng/ul	99
68) Pentachlorophenol	16.87	266	413941	92.384	ng/ul	99
69) Phenanthrene	17.27	178	2401932	76.056	ng/ul	99
71) Anthracene	17.36	178	2452803	76.877	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.28	216	714126	81.359	ng/uL	99
73) Pentachlorobenzene	14.80	250	769071	83.008	ng/uL	99
74) Carbazole	17.63	167	2363918	88.244	ng/ul	99
75) Di-n-butylphthalate	18.18	149	2816293	88.054	ng/ul	100
76) Fluoranthene	19.28	202	2995034	88.641	ng/ul	99
79) Pvrene	19.65	202	3126171	73.650	ng/ul	100
80) Butylbenzylphthalate	20.53	149	1328447	83.913	ng/ul	94
81) 3,3'-Dichlorobenzidine	21.32	252	1118721	91.049	ng/ul	99
82) Benzo(a)anthracene	21.39	228	2901862	78.051	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.30	149	1867660	82.378	ng/ul#	97
84) Chrysene	21.44	228	2704362	77.318	ng/ul	98
86) Di-n-octyl phthalate	22.20	149	3059470	78.313	ng/ul	98
87) Benzo(b)fluoranthene	23.02	252	3315265	93.360	ng/ul	99
88) Benzo(k)fluoranthene	23.07	252	3008434	86.083	ng/ul	99
90) Benzo(a)pyrene	23.63	252	2712258	79.898	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	26.09	276	2981402	73.674	ng/ul	96
92) Dibenzo(a,h)anthracene	26.10	278	2554858	75.411	ng/ul	99
93) Benzo(g,h,i)perylene	26.82	276	2588572	77.488	ng/ul	100

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



#2

1,4-Dioxane

Concen: 33.002 ng/uL

RT: 3.33 min Scan# 58

Delta R.T. 0.00 min

Lab File: BN003538.D

Acq: 14 Nov 2018 21:52

Instrument :

BNA_N

ClientSampleId :

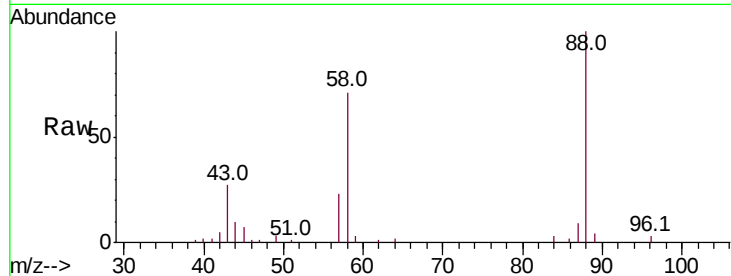
Tot Ion: 88 Resp: 73874

Ion Ratio Lower Upper

88 100

43 25.6 20.6 30.8

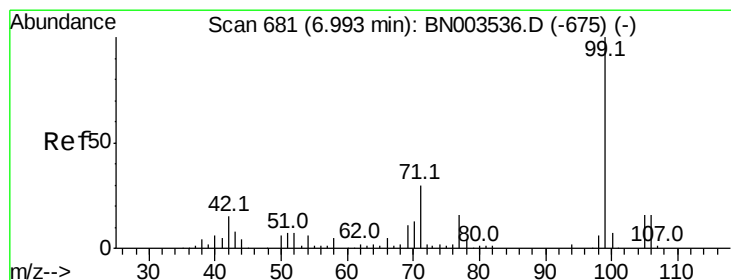
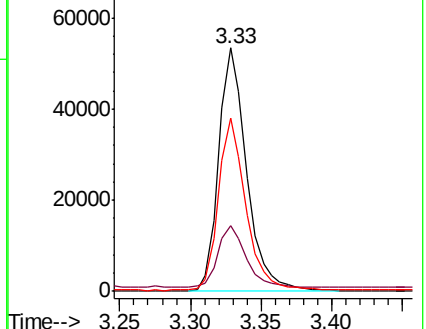
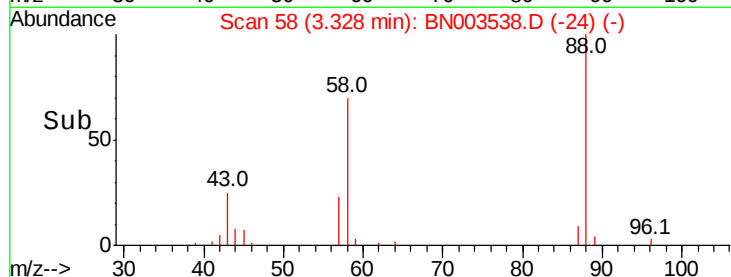
58 69.4 56.6 84.8



Abundance Ion 88.00 (87.70 to 88.70): BN003538.D (-24) (-)

Ion 43.00 (42.70 to 43.70): BN003538.D (-24) (-)

Ion 58.00 (57.70 to 58.70): BN003538.D (-24) (-)



#4

Benzaldehyde

Concen: 86.207 ng/uL

RT: 6.99 min Scan# 681

Delta R.T. 0.00 min

Lab File: BN003538.D

Acq: 14 Nov 2018 21:52

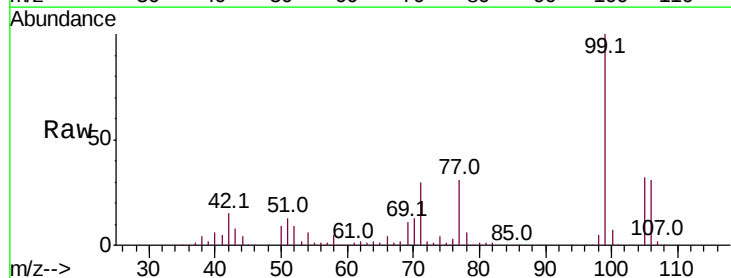
Tgt Ion: 77 Resp: 137881

Ion Ratio Lower Upper

77 100

105 103.4 80.7 121.1

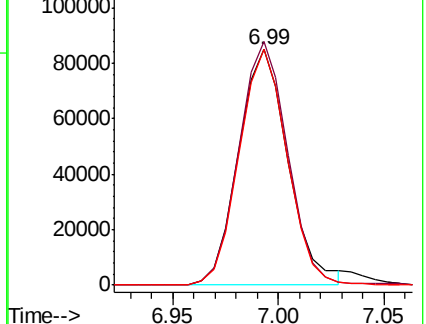
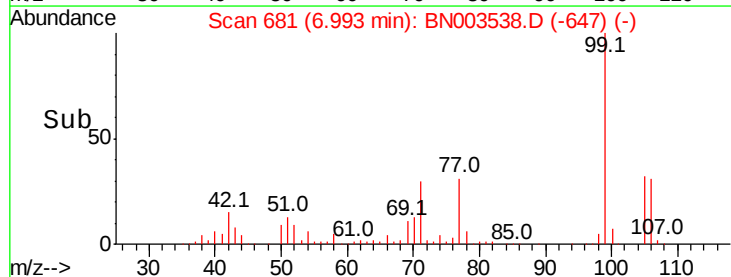
106 100.2 78.0 117.0

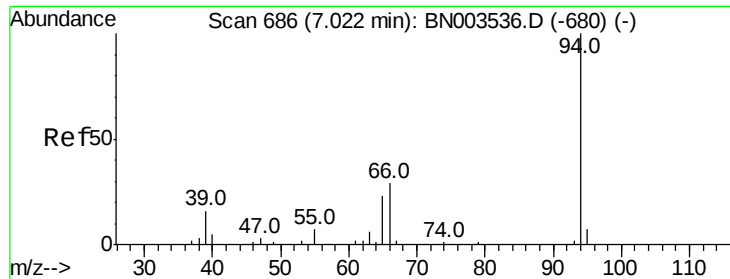


Abundance Ion 77.00 (76.70 to 77.70): BN003538.D (-647) (-)

Ion 105.00 (104.70 to 105.70): BN003538.D (-647) (-)

Ion 106.00 (105.70 to 106.70): BN003538.D (-647) (-)





#6

Phenol

Concen: 77.444 ng/ul

RT: 7.03 min Scan# 688

Delta R.T. 0.01 min

Lab File: BN003538.D

Acq: 14 Nov 2018 21:52

Instrument :

BNA_N

ClientSampleId :

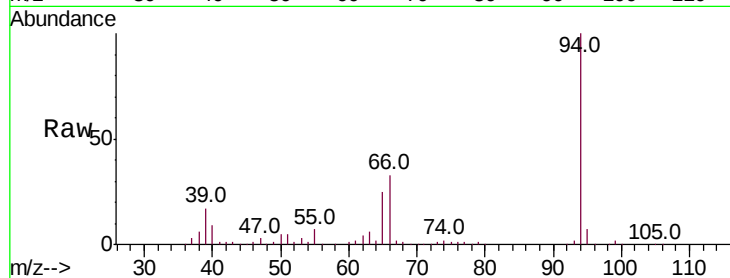
Tot Ion: 94 Resp: 713315

Ion Ratio Lower Upper

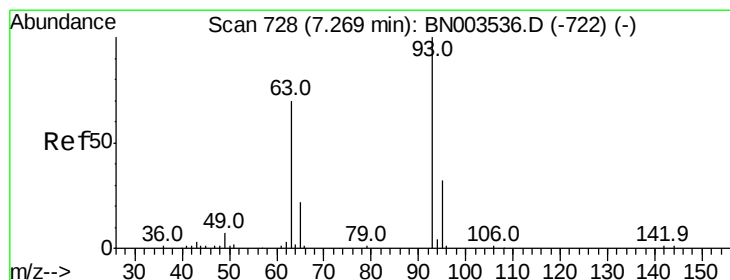
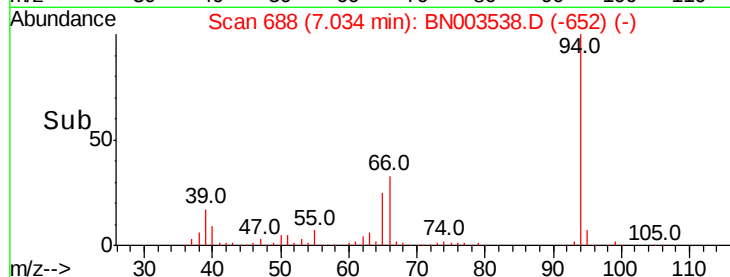
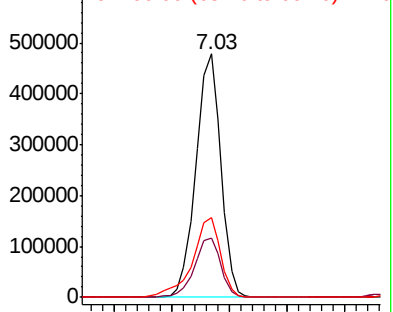
94 100

65 24.6 19.2 28.8

66 32.5 25.8 38.6



Abundance Ion 94.00 (93.70 to 94.70): BNC
Ion 65.00 (64.70 to 65.70): BNC
Ion 66.00 (65.70 to 66.70): BNC



#8

Bis(2-Chloroethyl)ether

Concen: 79.565 ng/ul

RT: 7.28 min Scan# 729

Delta R.T. 0.01 min

Lab File: BN003538.D

Acq: 14 Nov 2018 21:52

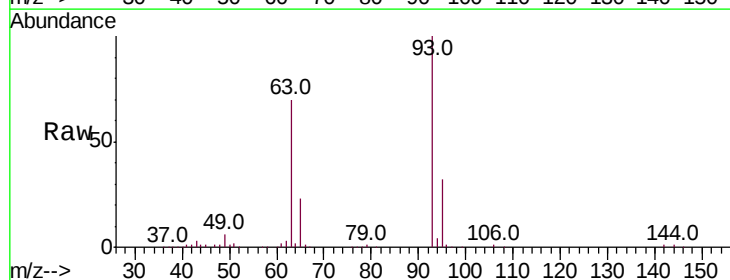
Tgt Ion: 93 Resp: 549804

Ion Ratio Lower Upper

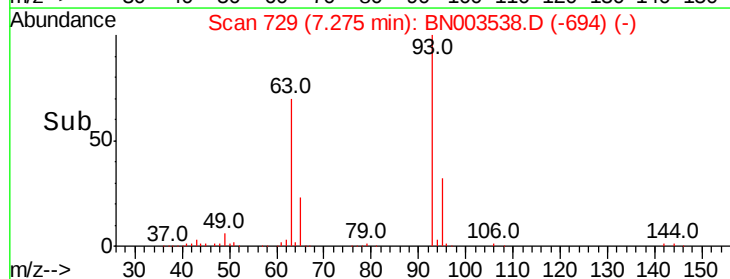
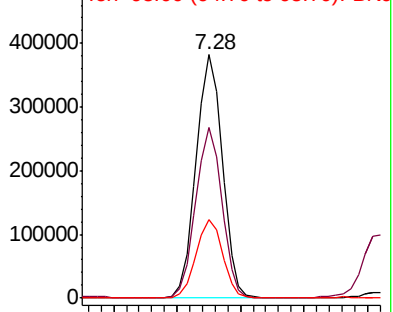
93 100

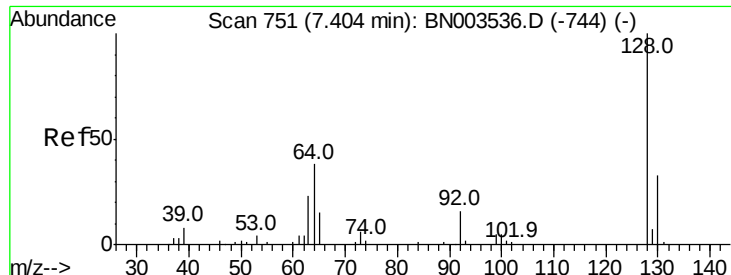
63 70.0 55.9 83.9

95 32.4 25.8 38.6



Abundance Ion 93.00 (92.70 to 93.70): BNC
Ion 63.00 (62.70 to 63.70): BNC
Ion 95.00 (94.70 to 95.70): BNC

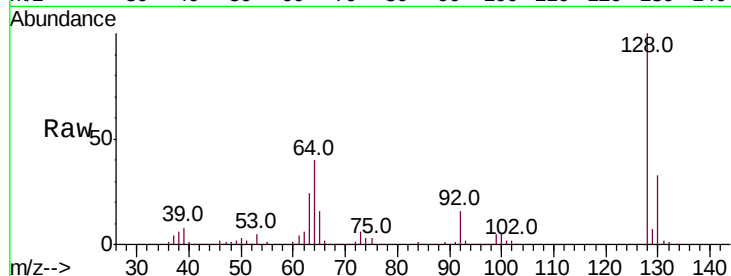




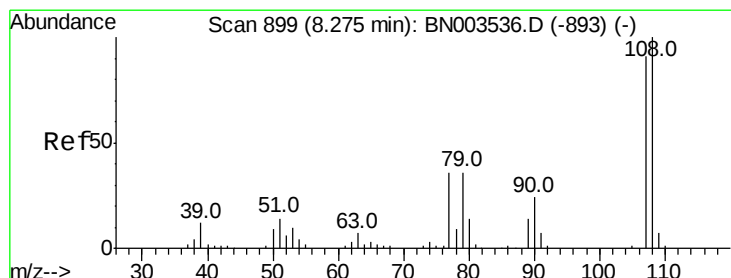
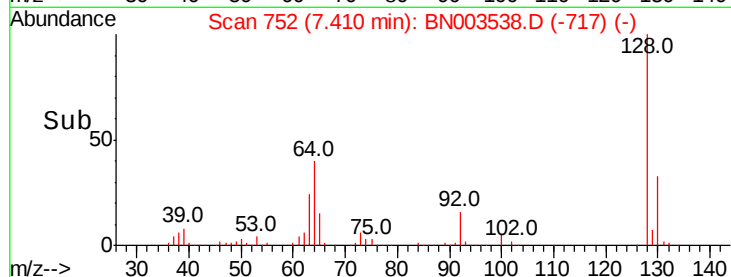
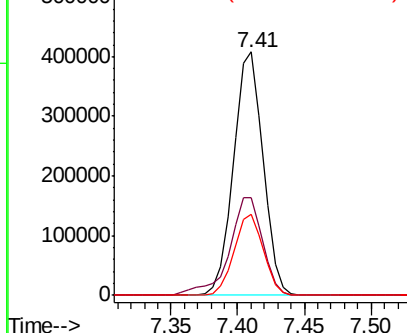
#10
2-Chlorophenol
Concen: 81.383 ng/ul
RT: 7.41 min Scan# 752
Delta R.T. 0.01 min
Lab File: BN003538.D
Acq: 14 Nov 2018 21:52

Instrument :
BNA_N
ClientSampled :

Tot Ion:128 Resp: 628838
Ion Ratio Lower Upper
128 100
64 40.2 33.3 49.9
130 33.1 26.3 39.5

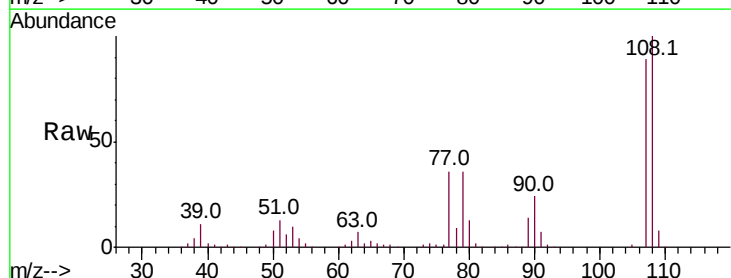


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BNO
Ion 130.00 (129.70 to 130.70): E

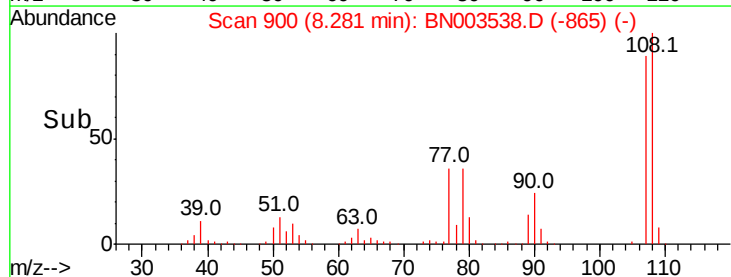
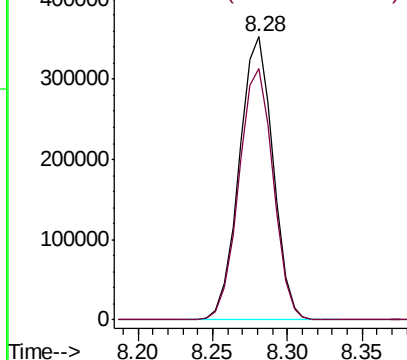


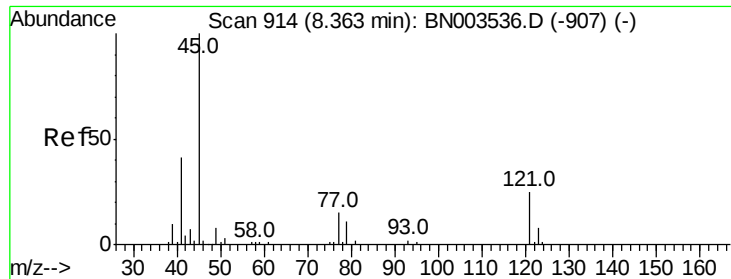
#11
2-Methylphenol
Concen: 77.983 ng/ul
RT: 8.28 min Scan# 900
Delta R.T. 0.01 min
Lab File: BN003538.D
Acq: 14 Nov 2018 21:52

Tgt Ion:108 Resp: 554408
Ion Ratio Lower Upper
108 100
107 88.7 73.0 109.4



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

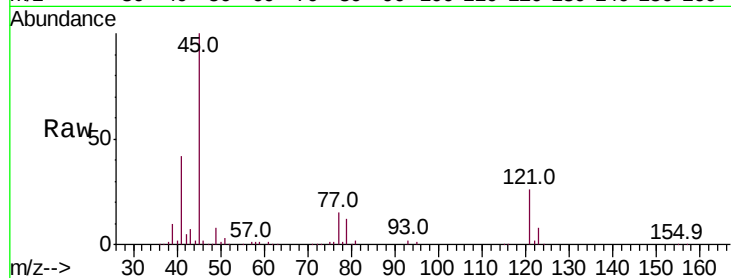




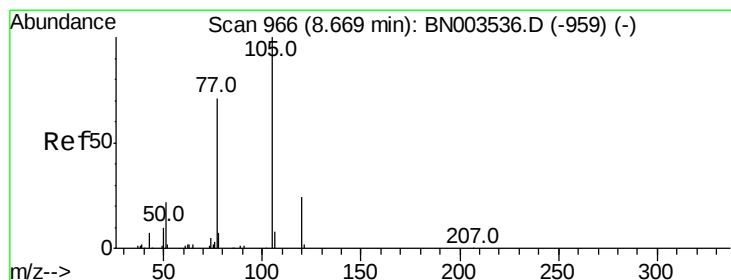
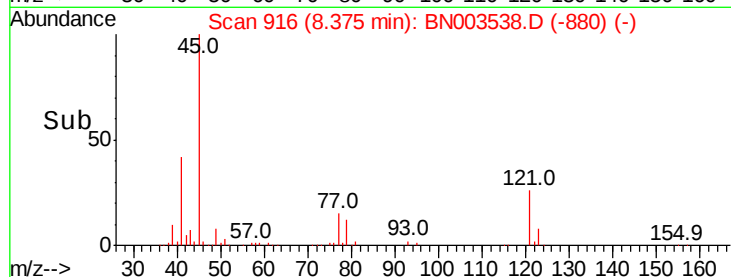
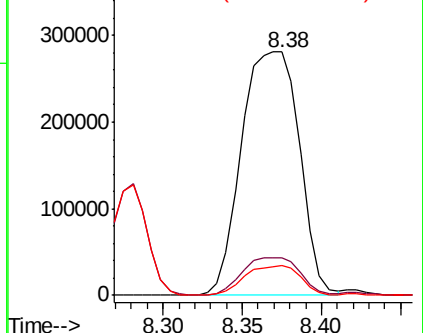
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 80.158 ng/ul
RT: 8.38 min Scan# 916
Delta R.T. 0.01 min
Lab File: BN003538.D
Acq: 14 Nov 2018 21:52

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 45 Resp: 712744
Ion Ratio Lower Upper
45 100
77 15.4 12.0 18.0
79 12.2 9.1 13.7

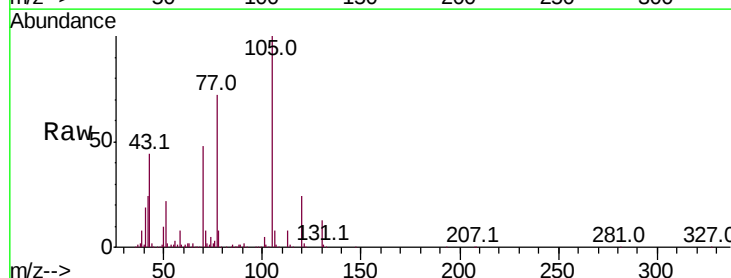


Abundance Ion 45.00 (44.70 to 45.70): BNC
Ion 77.00 (76.70 to 77.70): BNC
Ion 79.00 (78.70 to 79.70): BNC

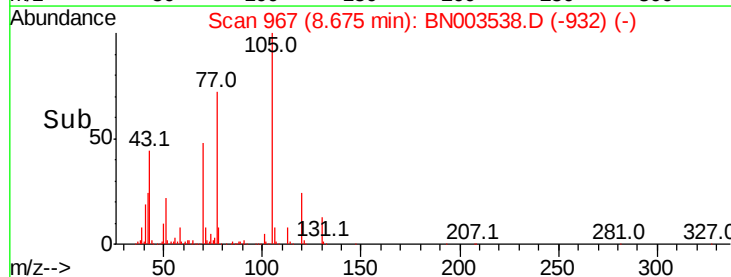
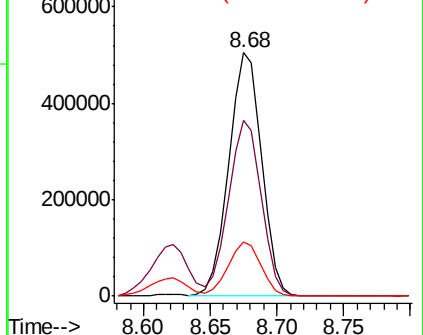


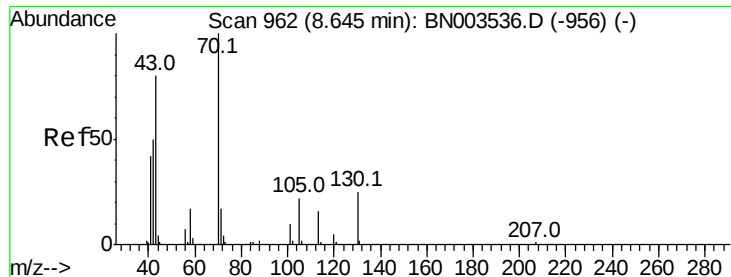
#14
Acetophenone
Concen: 77.563 ng/ul
RT: 8.68 min Scan# 967
Delta R.T. 0.01 min
Lab File: BN003538.D
Acq: 14 Nov 2018 21:52

Tgt Ion:105 Resp: 867093
Ion Ratio Lower Upper
105 100
77 72.1 57.6 86.4
51 22.0 18.1 27.1



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BNC
Ion 51.00 (50.70 to 51.70): BNC





#15

N-Nitroso-di-n-propylamine

Concen: 80.357 ng/ul

RT: 8.67 min Scan# 966

Delta R.T. 0.02 min

Lab File: BN003538.D

Acq: 14 Nov 2018 21:52

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 418950

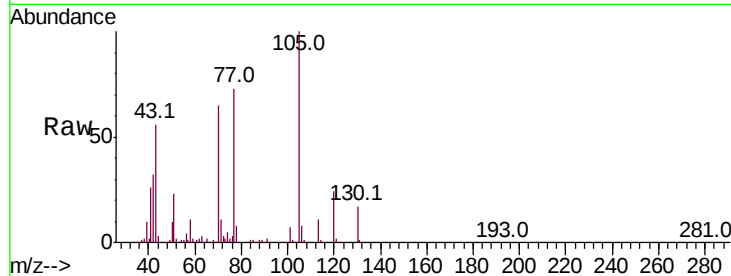
Ion Ratio Lower Upper

70 100

42 50.1 41.0 61.4

101 10.8 8.2 12.2

130 26.1 19.8 29.6

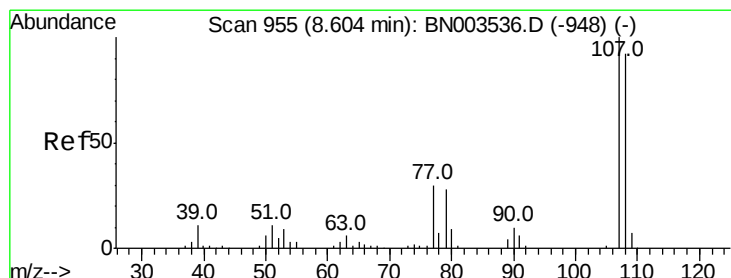
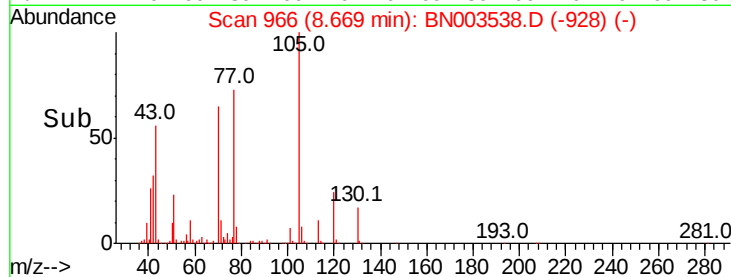
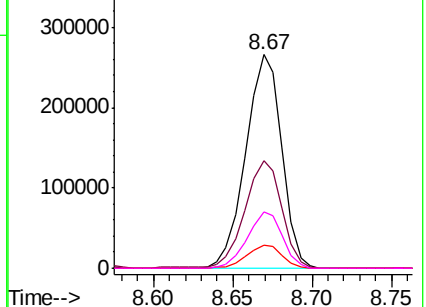


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 79.986 ng/ul

RT: 8.62 min Scan# 958

Delta R.T. 0.02 min

Lab File: BN003538.D

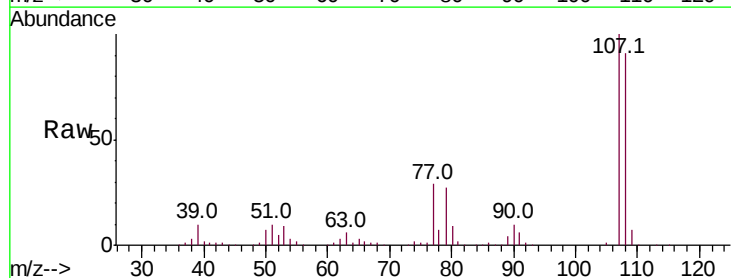
Acq: 14 Nov 2018 21:52

Tgt Ion: 108 Resp: 619562

Ion Ratio Lower Upper

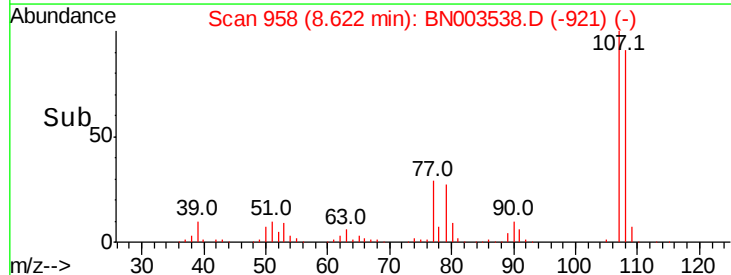
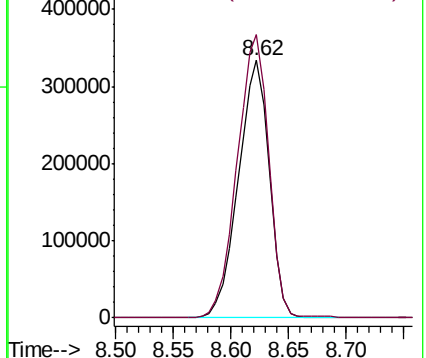
108 100

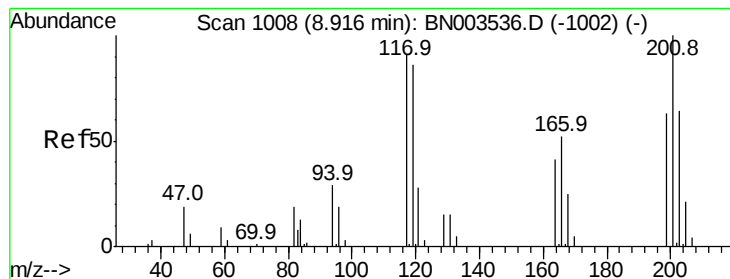
107 110.0 87.3 130.9



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 79.828 ng/ul

RT: 8.92 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BN003538.D

Acq: 14 Nov 2018 21:52

Instrument :

BNA_N

ClientSampleId :

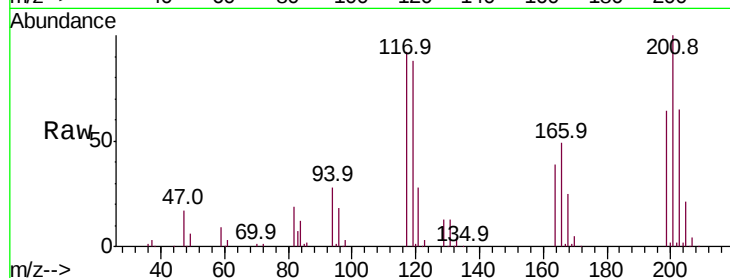
Tot Ion:117 Resp: 222603

Ion Ratio Lower Upper

117 100

201 108.5 88.3 132.5

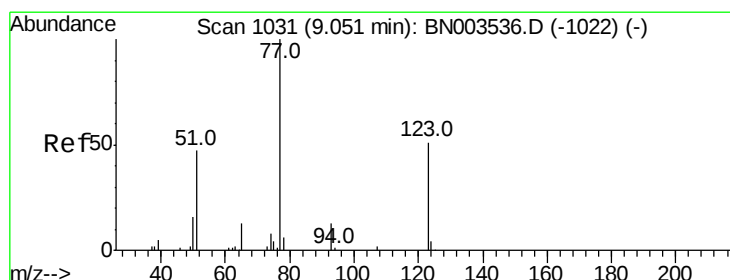
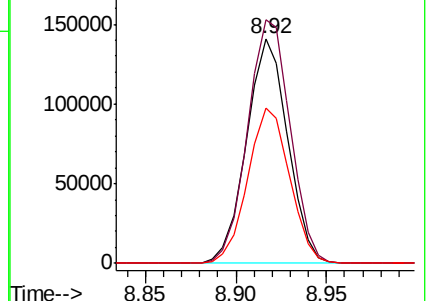
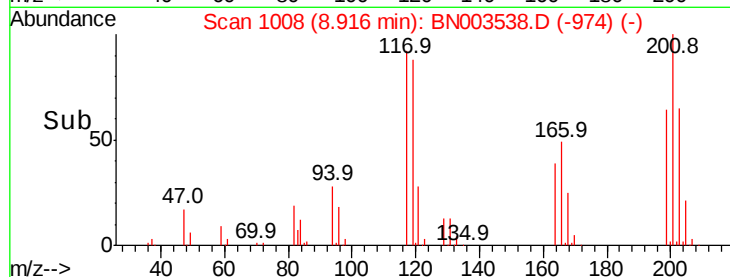
199 69.2 55.6 83.4



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 82.129 ng/ul

RT: 9.06 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BN003538.D

Acq: 14 Nov 2018 21:52

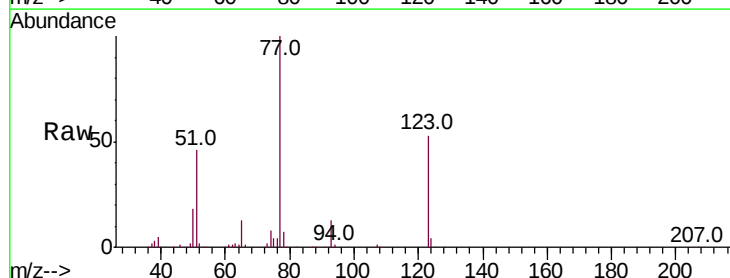
Tgt Ion: 77 Resp: 589647

Ion Ratio Lower Upper

77 100

123 53.4 41.0 61.6

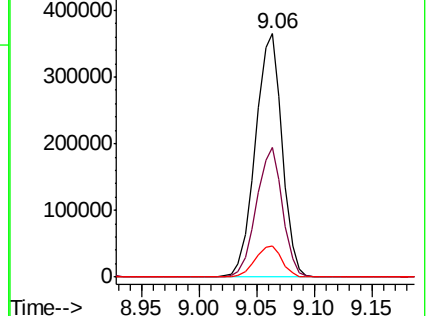
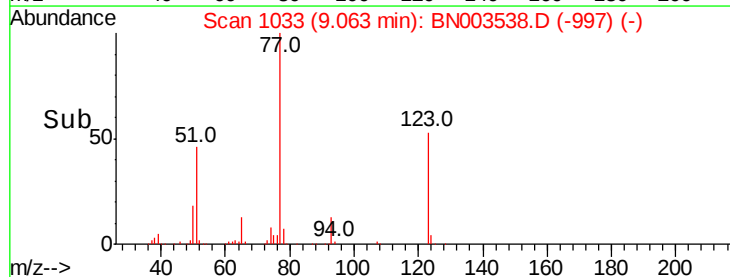
65 13.0 10.2 15.4

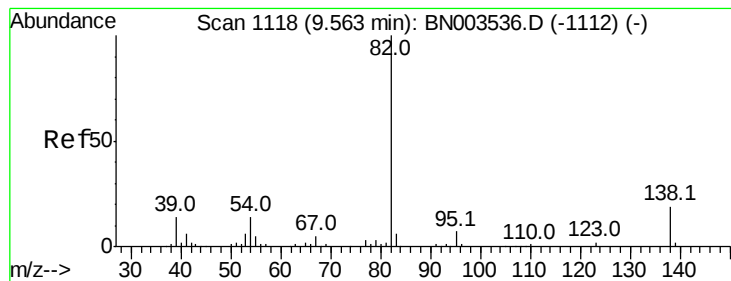


Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BNC





#21

Isophorone

Concen: 86.786 ng/ul

RT: 9.58 min Scan# 1121

Delta R.T. 0.02 min

Lab File: BN003538.D

Acq: 14 Nov 2018 21:52

Instrument :

BNA_N

ClientSampleId :

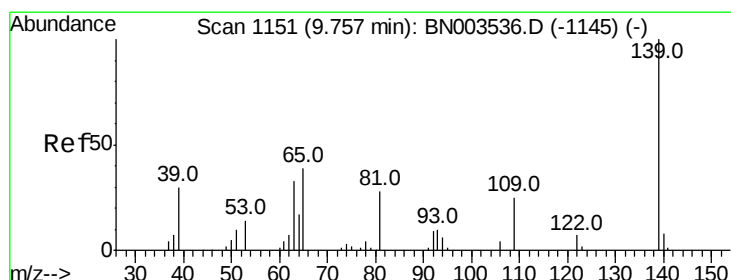
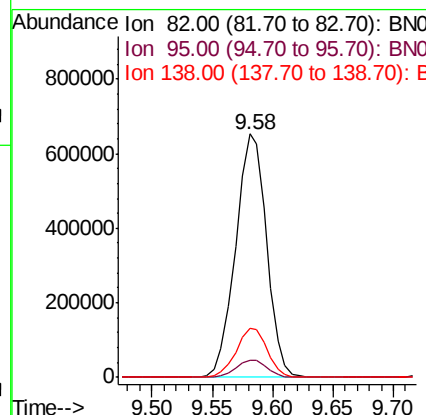
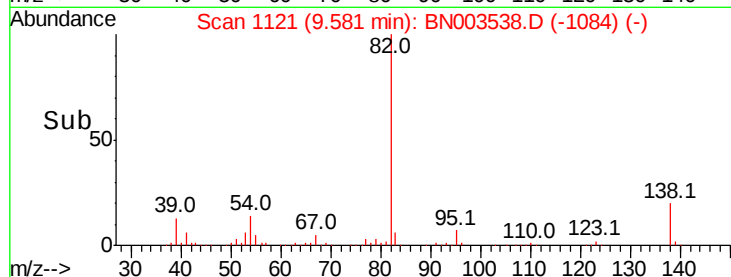
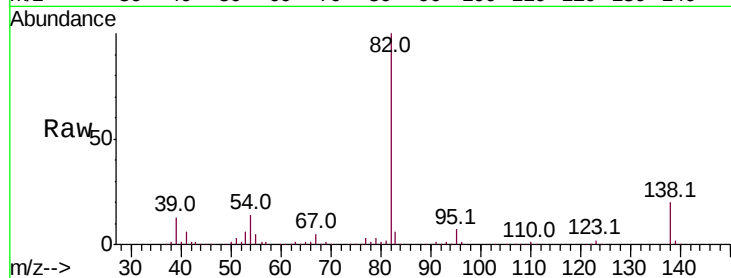
Tot Ion: 82 Resp: 1166052

Ion Ratio Lower Upper

82 100

95 7.1 5.5 8.3

138 20.2 15.6 23.4



#23

2-Nitrophenol

Concen: 92.362 ng/ul

RT: 9.76 min Scan# 1152

Delta R.T. 0.01 min

Lab File: BN003538.D

Acq: 14 Nov 2018 21:52

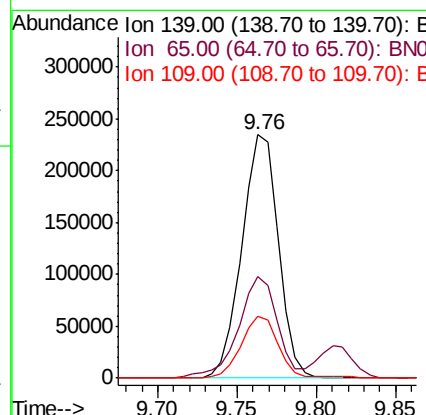
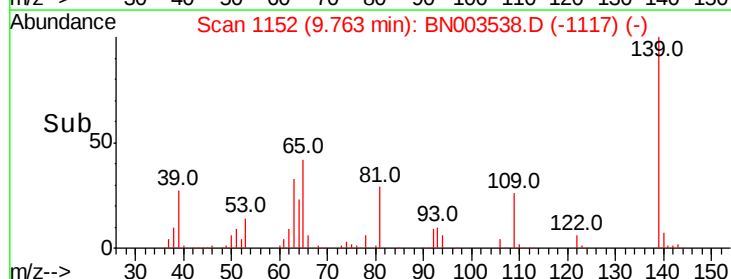
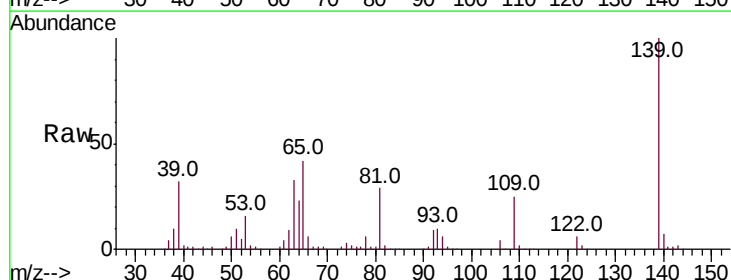
Tgt Ion:139 Resp: 375590

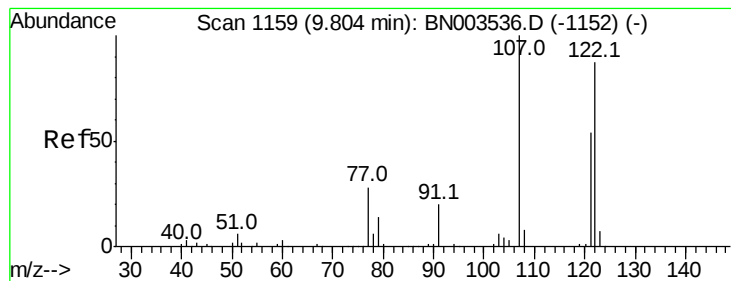
Ion Ratio Lower Upper

139 100

65 41.9 33.0 49.4

109 25.4 19.7 29.5





#24

2,4-Dimethylphenol

Concen: 83.215 ng/ul

RT: 9.81 min Scan# 1160

Delta R.T. 0.01 min

Lab File: BN003538.D

Acq: 14 Nov 2018 21:52

Instrument :

BNA_N

ClientSampleId :

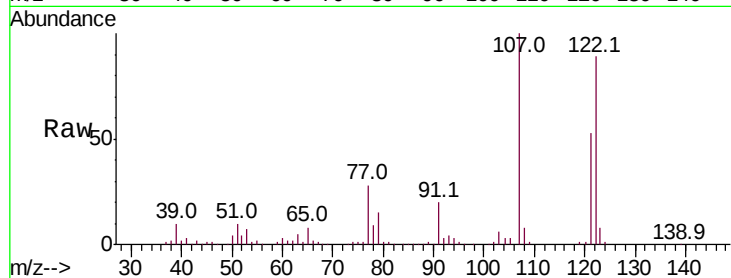
Tot Ion:107 Resp: 646589

Ion Ratio Lower Upper

107 100

121 53.1 43.1 64.7

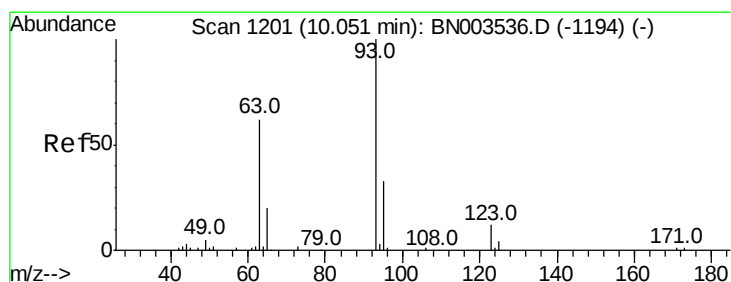
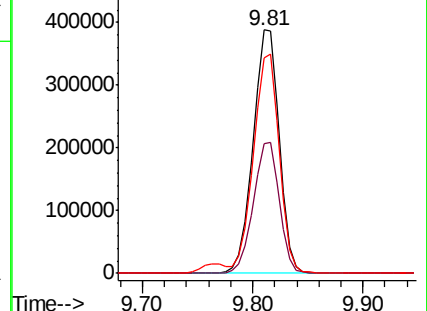
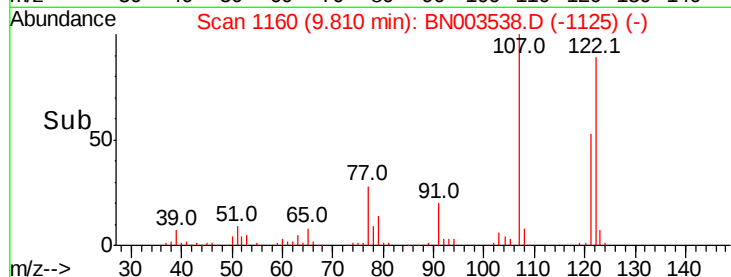
122 88.7 72.3 108.5



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: 85.629 ng/ul

RT: 10.06 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BN003538.D

Acq: 14 Nov 2018 21:52

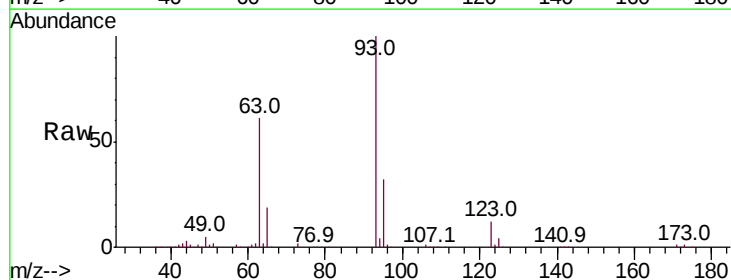
Tgt Ion: 93 Resp: 767204

Ion Ratio Lower Upper

93 100

95 32.2 26.1 39.1

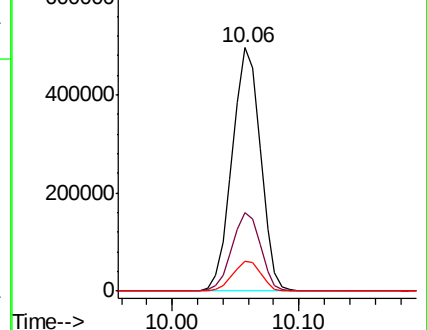
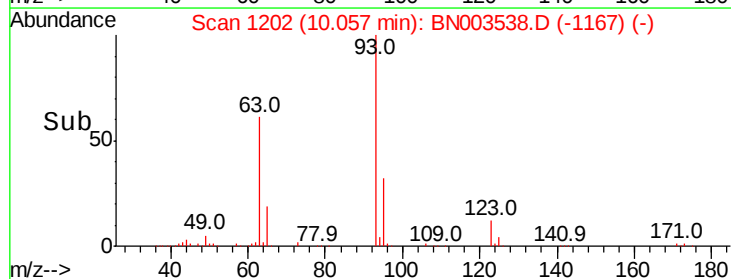
123 12.5 9.8 14.6

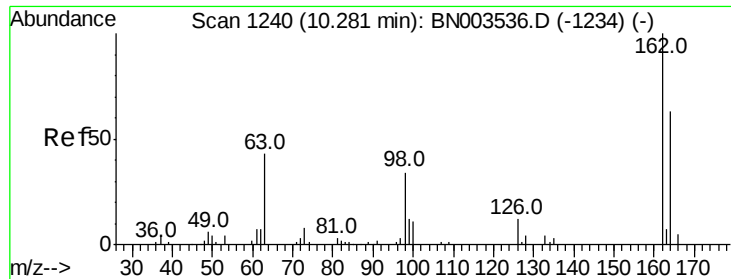


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E

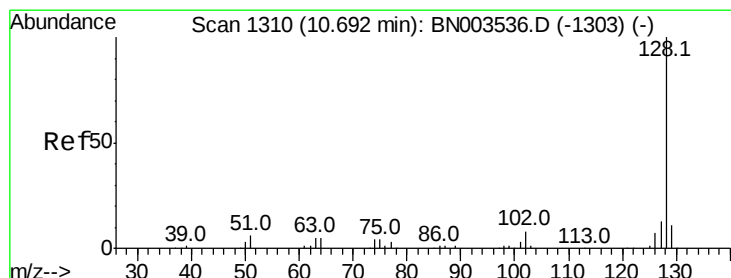
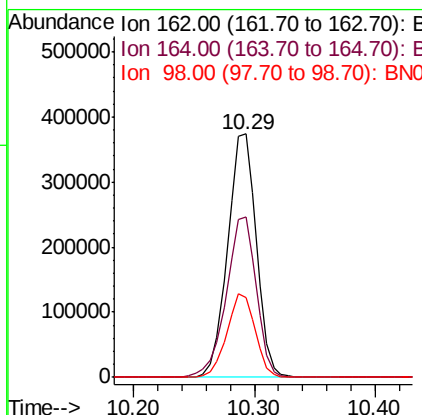
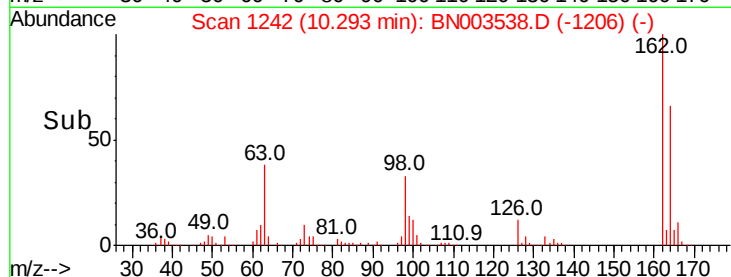
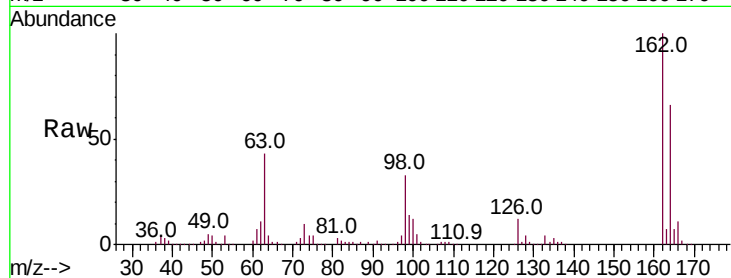




#27
 2,4-Dichlorophenol
 Concen: 85.750 ng/ul
 RT: 10.29 min Scan# 1242
 Delta R.T. 0.01 min
 Lab File: BN003538.D
 Acq: 14 Nov 2018 21:52

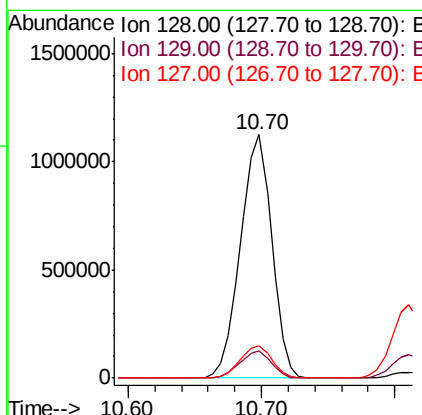
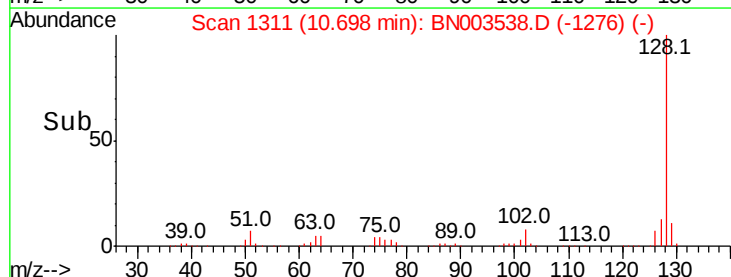
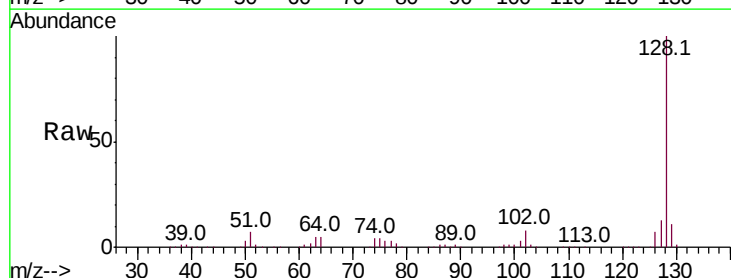
Instrument :
 BNA_N
 ClientSampleId :

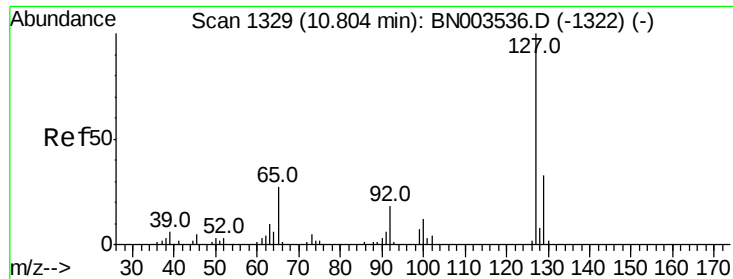
Tot Ion:162 Resp: 617241
 Ion Ratio Lower Upper
 162 100
 164 66.1 52.2 78.2
 98 33.0 27.0 40.4



#28
 Naphthalene
 Concen: 78.804 ng/ul
 RT: 10.70 min Scan# 1311
 Delta R.T. 0.01 min
 Lab File: BN003538.D
 Acq: 14 Nov 2018 21:52

Tgt Ion:128 Resp: 1828144
 Ion Ratio Lower Upper
 128 100
 129 11.1 8.6 13.0
 127 13.3 10.3 15.5

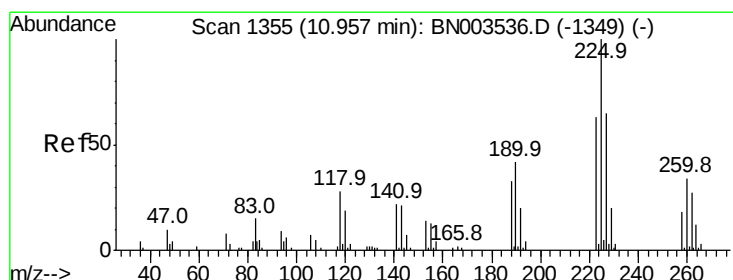
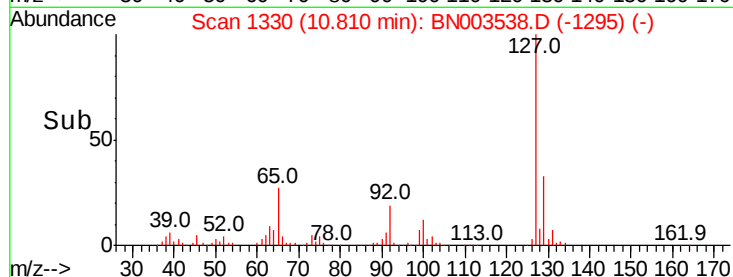
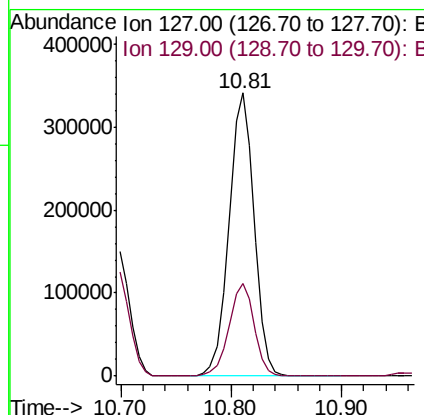
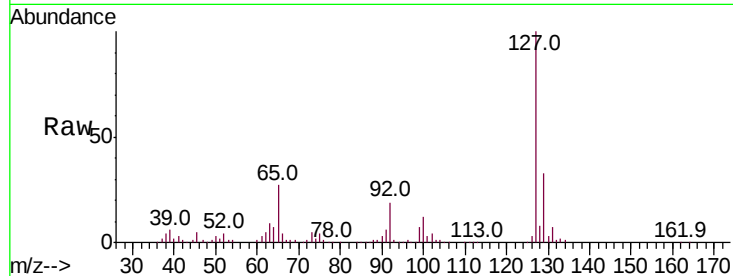




#30
4-Chloroaniline
Concen: 83.899 ng/ul
RT: 10.81 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BN003538.D
Acq: 14 Nov 2018 21:52

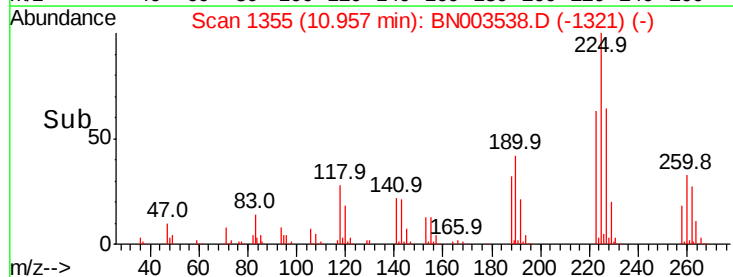
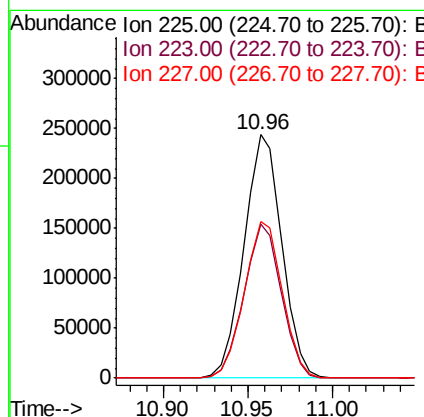
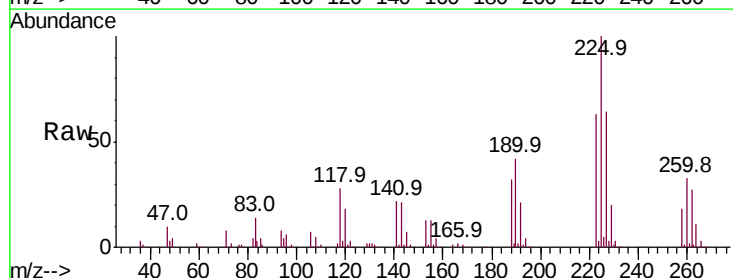
Instrument :
BNA_N
ClientSampleId :

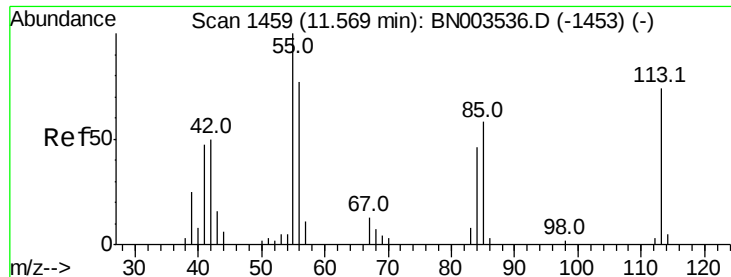
Tot Ion:127 Resp: 543093
Ion Ratio Lower Upper
127 100
129 32.6 26.0 39.0



#31
Hexachlorobutadiene
Concen: 85.636 ng/ul
RT: 10.96 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BN003538.D
Acq: 14 Nov 2018 21:52

Tgt Ion:225 Resp: 380057
Ion Ratio Lower Upper
225 100
223 63.0 50.6 76.0
227 64.3 52.2 78.4





#32

Caprolactam

Concen: 50.432 ng/ul

RT: 11.62 min Scan# 1467

Delta R.T. 0.05 min

Lab File: BN003538.D

Acq: 14 Nov 2018 21:52

Instrument :

BNA_N

ClientSampleId :

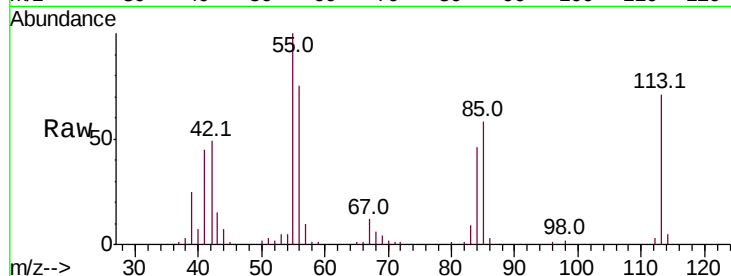
Tot Ion:113 Resp: 106794

Ion Ratio Lower Upper

113 100

55 140.0 109.0 163.6

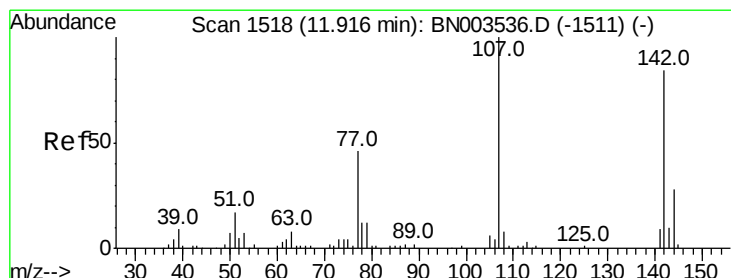
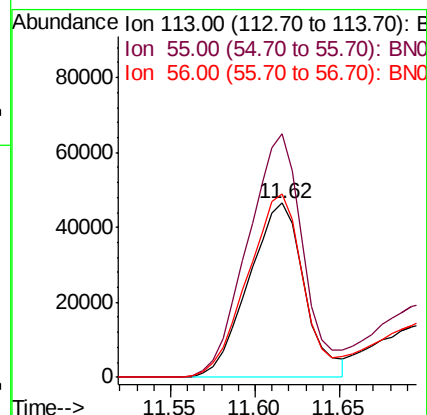
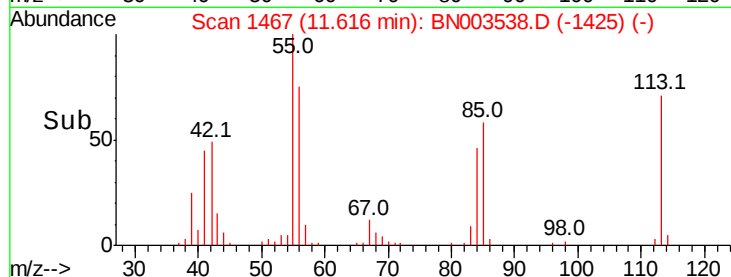
56 105.3 82.9 124.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#33

4-Chloro-3-methylphenol

Concen: 80.929 ng/ul

RT: 11.93 min Scan# 1520

Delta R.T. 0.01 min

Lab File: BN003538.D

Acq: 14 Nov 2018 21:52

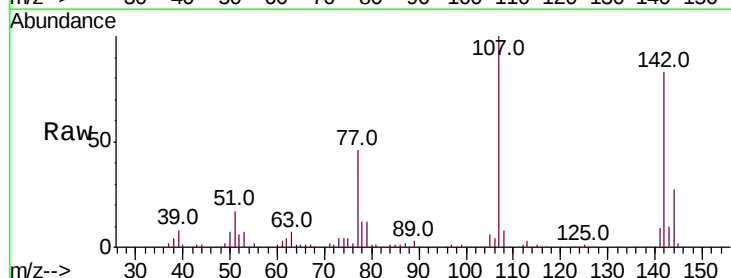
Tgt Ion:107 Resp: 568432

Ion Ratio Lower Upper

107 100

144 27.2 22.2 33.4

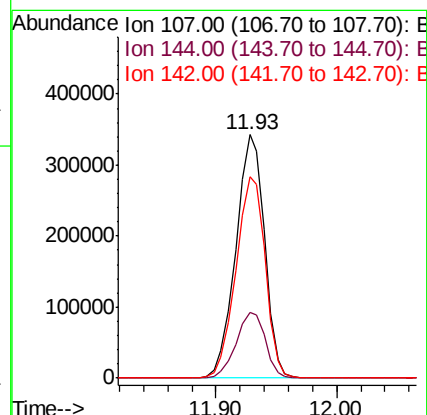
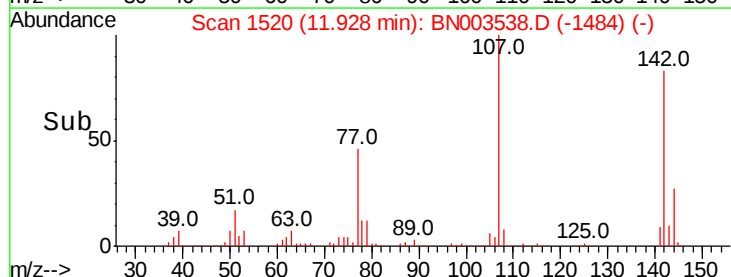
142 82.8 67.3 100.9

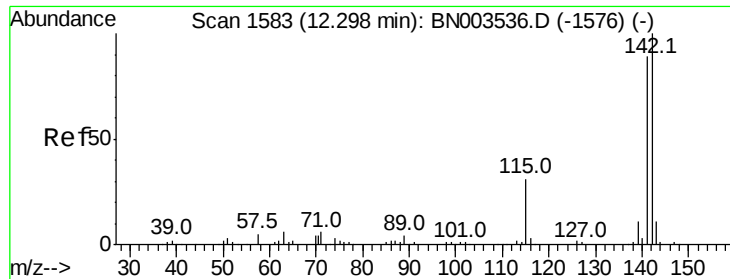


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

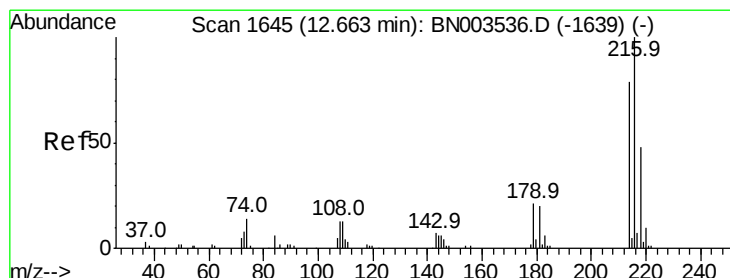
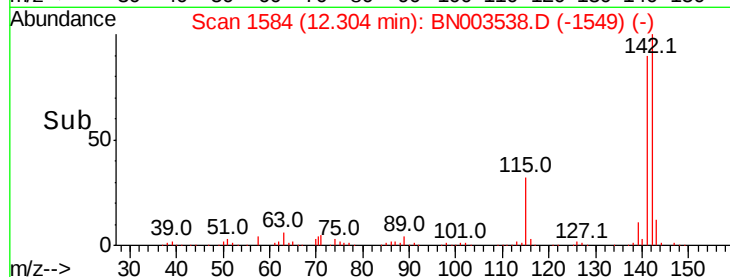
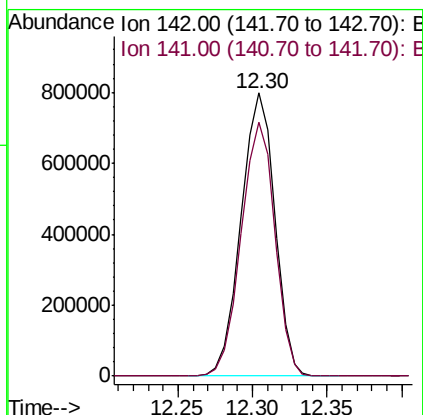
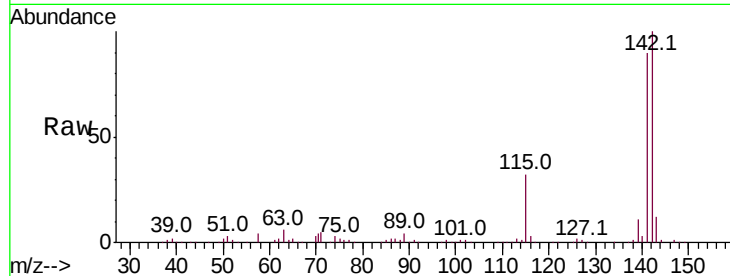




#34
 2-Methylnaphthalene
 Concen: 74.466 ng/ul
 RT: 12.30 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: BN003538.D
 Acq: 14 Nov 2018 21:52

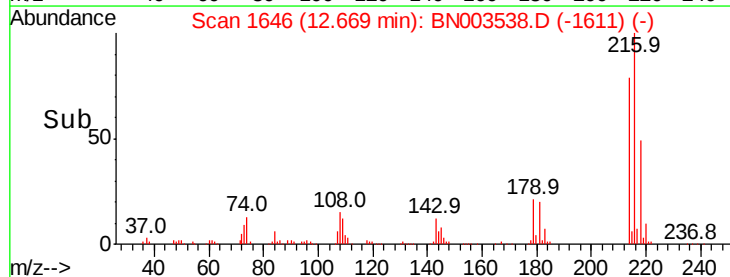
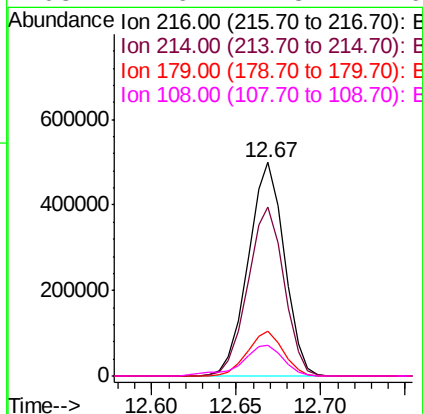
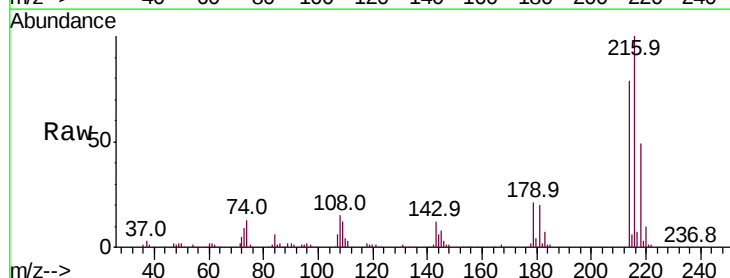
Instrument :
 BNA_N
 ClientSampleId :

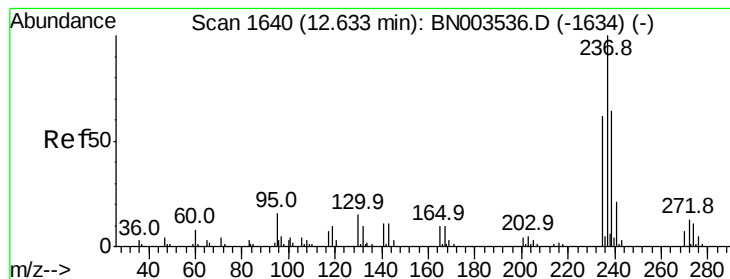
Tot Ion:142 Resp: 1250688
 Ion Ratio Lower Upper
 142 100
 141 89.9 71.4 107.2



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 77.371 ng/ul
 RT: 12.67 min Scan# 1646
 Delta R.T. 0.01 min
 Lab File: BN003538.D
 Acq: 14 Nov 2018 21:52

Tgt Ion:216 Resp: 745303
 Ion Ratio Lower Upper
 216 100
 214 78.9 63.3 94.9
 179 21.0 16.6 25.0
 108 14.6 11.8 17.6





#37

Hexachlorocyclopentadiene

Concen: 97.903 ng/ul

RT: 12.63 min Scan# 1640

Delta R.T. 0.00 min

Lab File: BN003538.D

Acq: 14 Nov 2018 21:52

Instrument :

BNA_N

ClientSampleId :

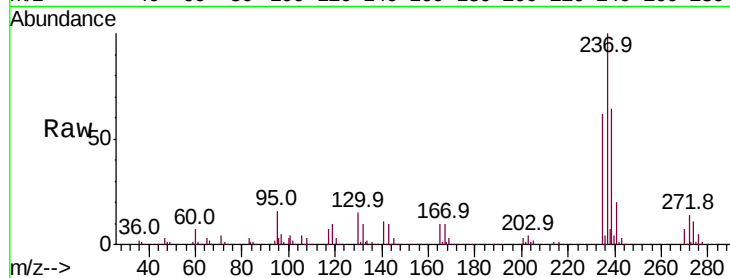
Tot Ion:237 Resp: 536078

Ion Ratio Lower Upper

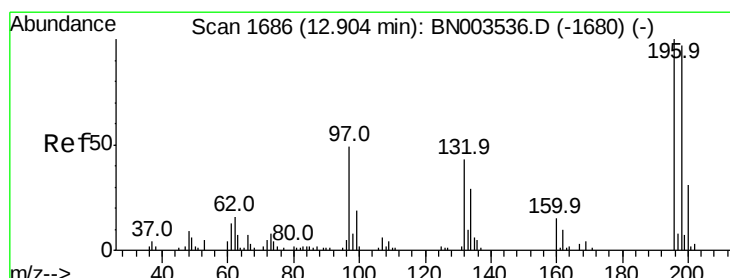
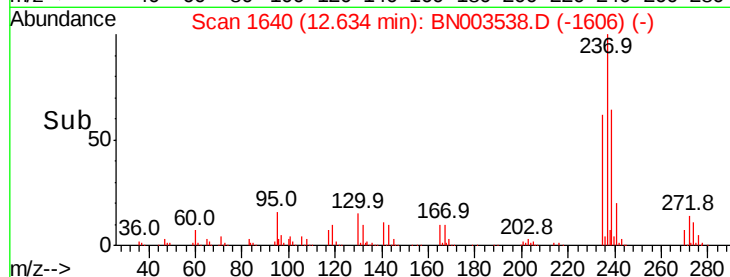
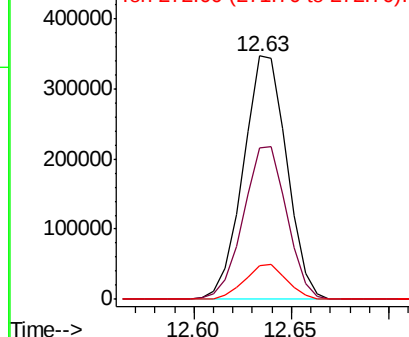
237 100

235 62.0 49.3 73.9

272 13.9 10.8 16.2



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



#38

2,4,6-Trichlorophenol

Concen: 81.932 ng/ul

RT: 12.91 min Scan# 1687

Delta R.T. 0.01 min

Lab File: BN003538.D

Acq: 14 Nov 2018 21:52

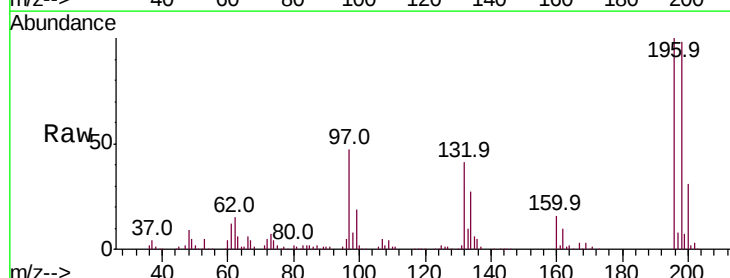
Tgt Ion:196 Resp: 492896

Ion Ratio Lower Upper

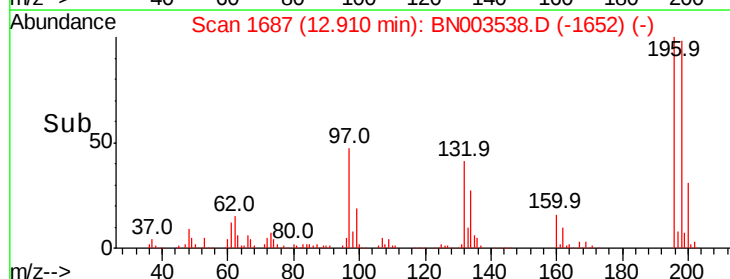
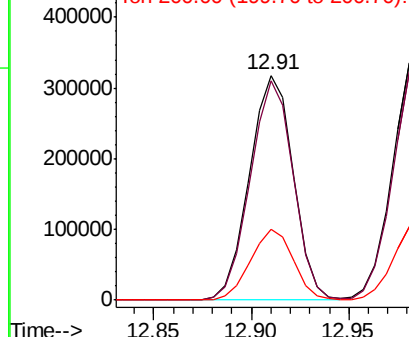
196 100

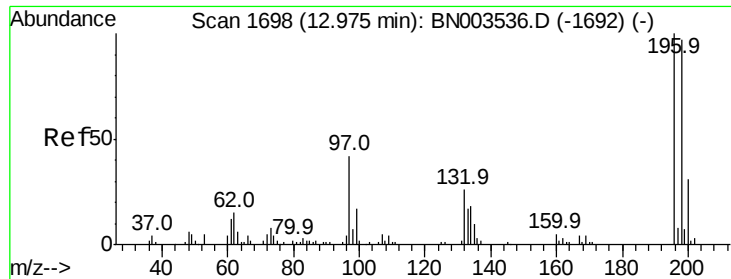
198 97.6 77.6 116.4

200 31.4 24.9 37.3



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

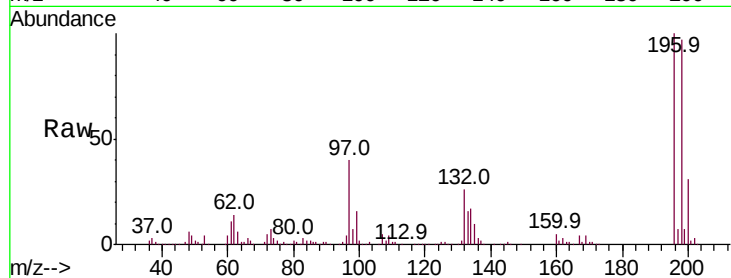




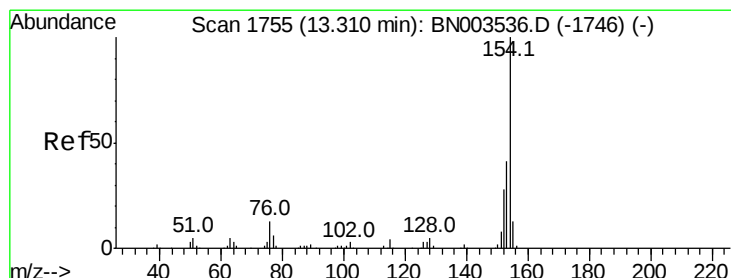
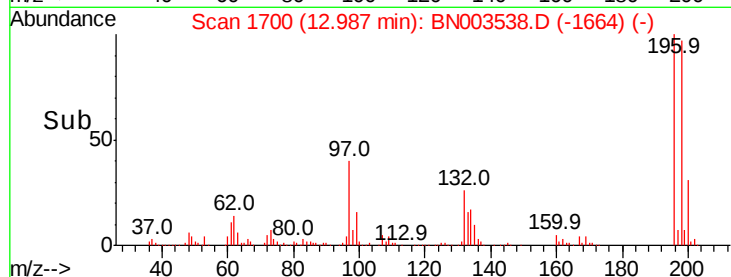
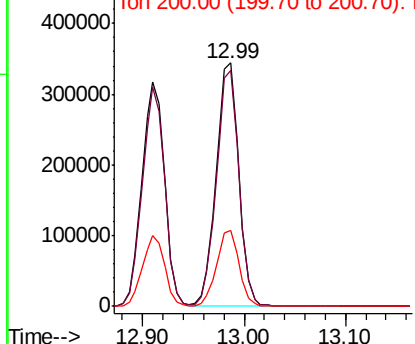
#39
 2,4,5-Trichlorophenol
 Concen: 81.243 ng/ul
 RT: 12.99 min Scan# 1700
 Delta R.T. 0.01 min
 Lab File: BN003538.D
 Acq: 14 Nov 2018 21:52

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:196 Resp: 536688
 Ion Ratio Lower Upper
 196 100
 198 96.8 77.3 115.9
 200 31.3 24.7 37.1

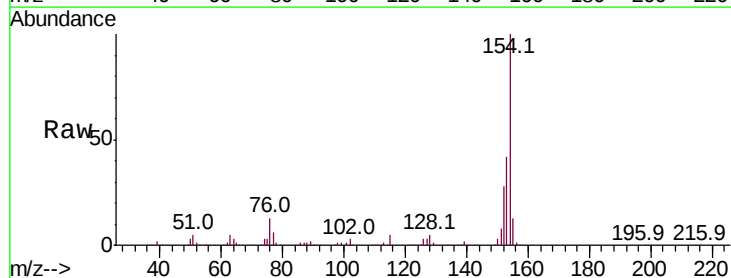


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

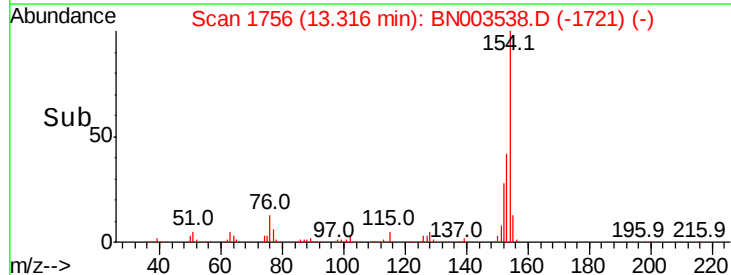
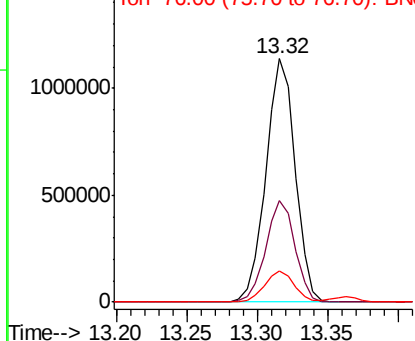


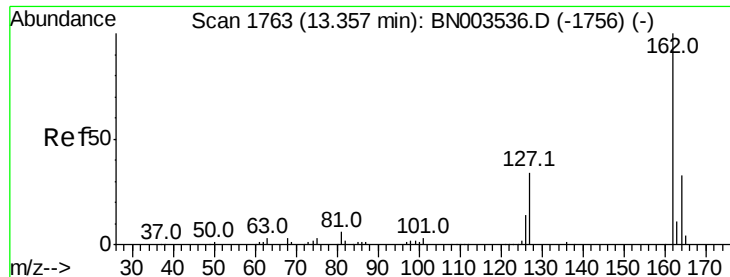
#40
 1,1'-Biphenyl
 Concen: 71.705 ng/ul
 RT: 13.32 min Scan# 1756
 Delta R.T. 0.01 min
 Lab File: BN003538.D
 Acq: 14 Nov 2018 21:52

Tgt Ion:154 Resp: 1658386
 Ion Ratio Lower Upper
 154 100
 153 41.9 33.0 49.4
 76 13.0 10.4 15.6



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BNO



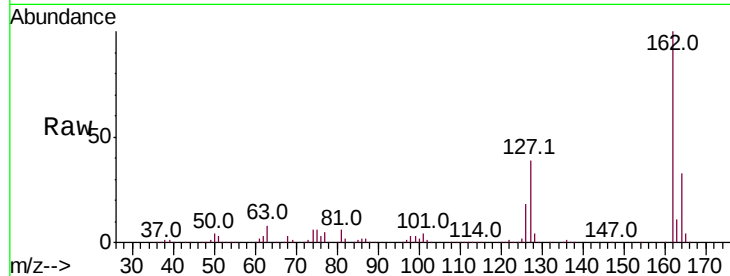


#41
 2-Chloronaphthalene
 Concen: 75.129 ng/ul
 RT: 13.36 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: BN003538.D
 Acq: 14 Nov 2018 21:52

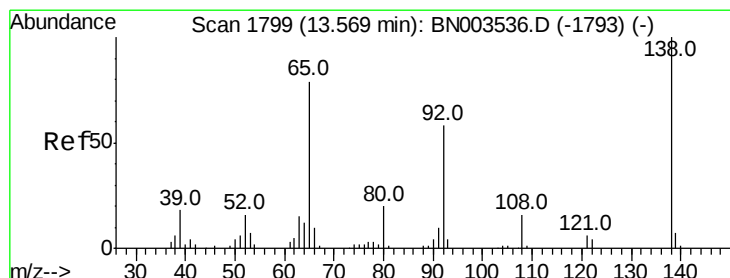
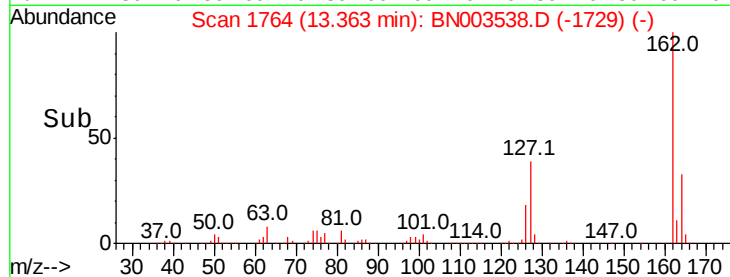
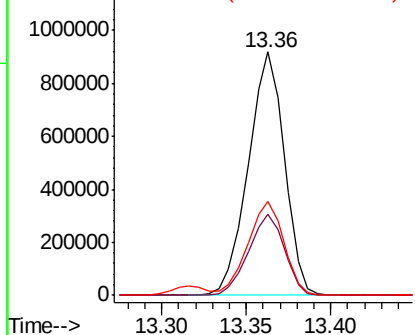
Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:162 Resp: 1367556

Ion	Ratio	Lower	Upper
162	100		
164	33.3	26.4	39.6
127	38.5	30.1	45.1



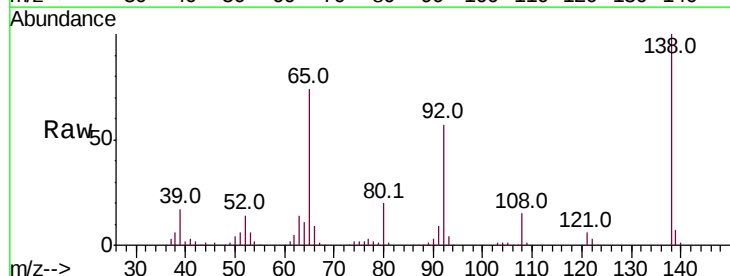
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 127.00 (126.70 to 127.70): E



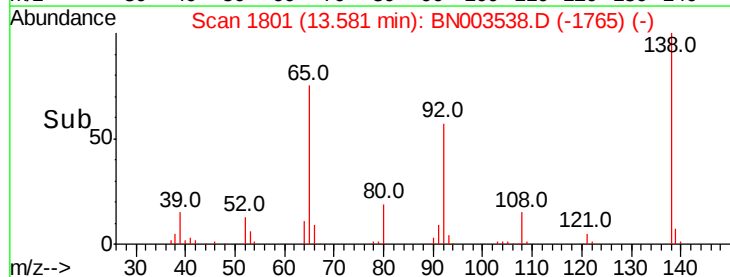
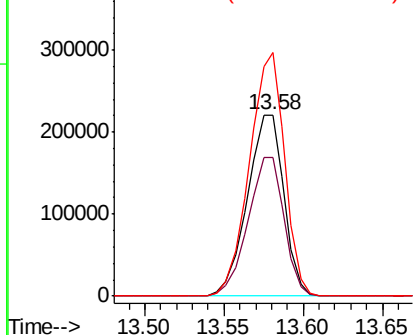
#42
 2-Nitroaniline
 Concen: 84.176 ng/ul
 RT: 13.58 min Scan# 1801
 Delta R.T. 0.01 min
 Lab File: BN003538.D
 Acq: 14 Nov 2018 21:52

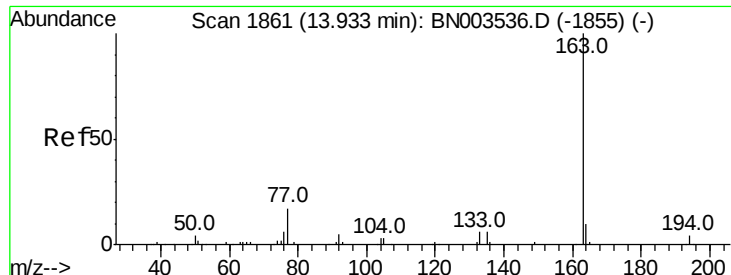
Tgt Ion: 65 Resp: 353679

Ion	Ratio	Lower	Upper
65	100		
92	76.8	58.2	87.4
138	134.5	101.1	151.7



Abundance Ion 65.00 (64.70 to 65.70): BNC
 Ion 92.00 (91.70 to 92.70): BNC
 Ion 138.00 (137.70 to 138.70): E





#44

Dimethylphthalate

Concen: 76.889 ng/ul

RT: 13.95 min Scan# 1863

Delta R.T. 0.01 min

Lab File: BN003538.D

Acq: 14 Nov 2018 21:52

Instrument :

BNA_N

ClientSampleId :

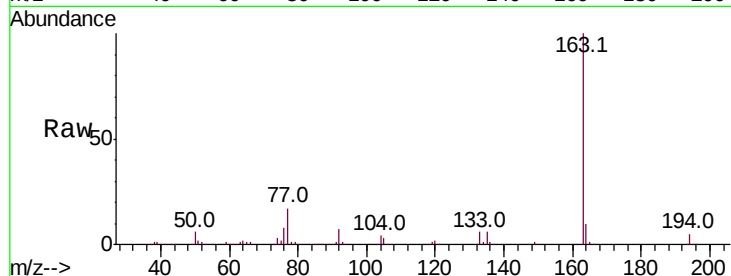
Tot Ion:163 Resp: 1718127

Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

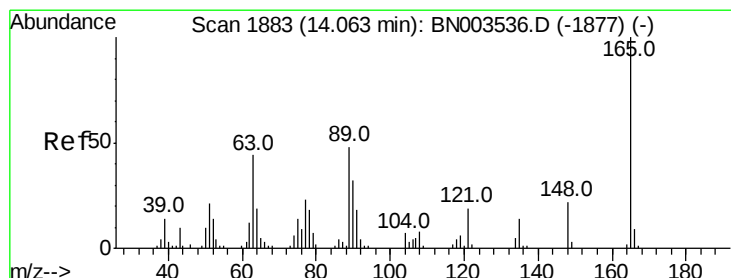
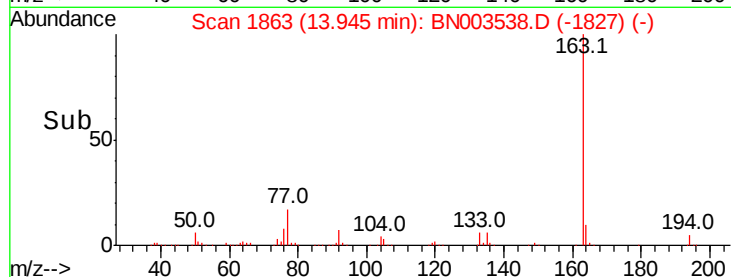
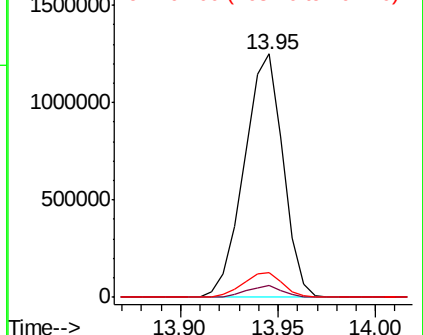
164 10.0 8.0 12.0



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: 85.499 ng/ul

RT: 14.07 min Scan# 1885

Delta R.T. 0.01 min

Lab File: BN003538.D

Acq: 14 Nov 2018 21:52

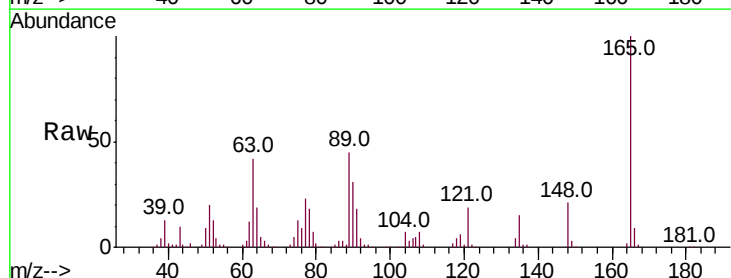
Tgt Ion:165 Resp: 387570

Ion Ratio Lower Upper

165 100

89 45.2 38.4 57.6

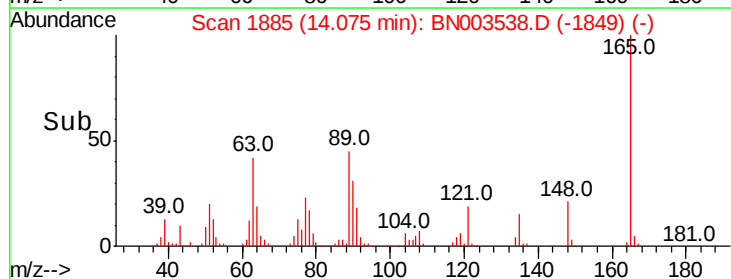
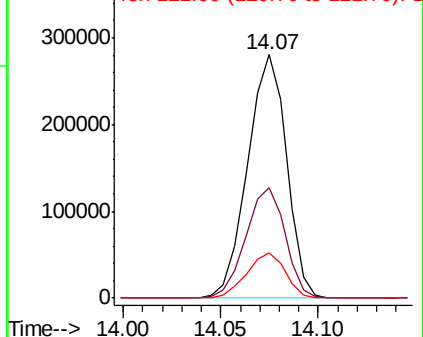
121 18.6 15.3 22.9

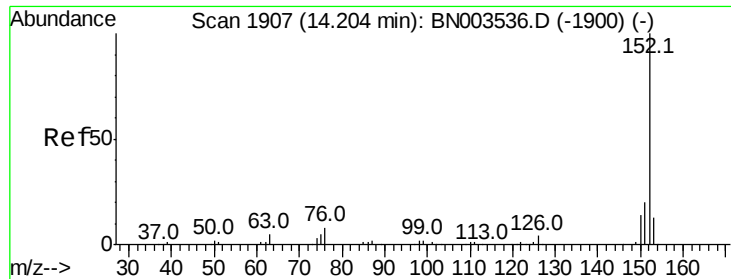


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BNC

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 73.988 ng/ul

RT: 14.21 min Scan# 1908

Delta R.T. 0.01 min

Lab File: BN003538.D

Acq: 14 Nov 2018 21:52

Instrument :

BNA_N

ClientSampleId :

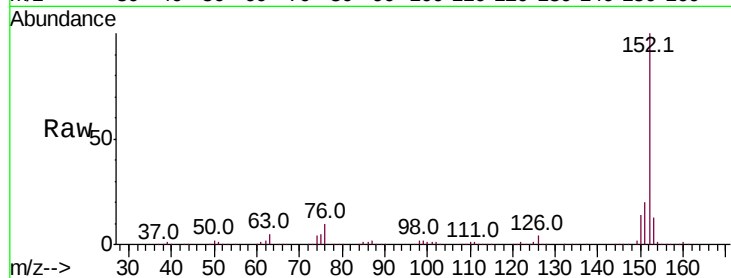
Tot Ion:152 Resp: 2008003

Ion Ratio Lower Upper

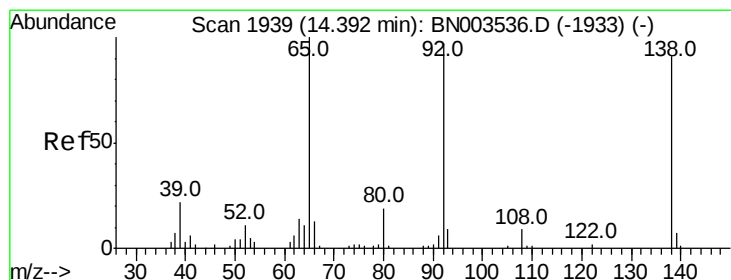
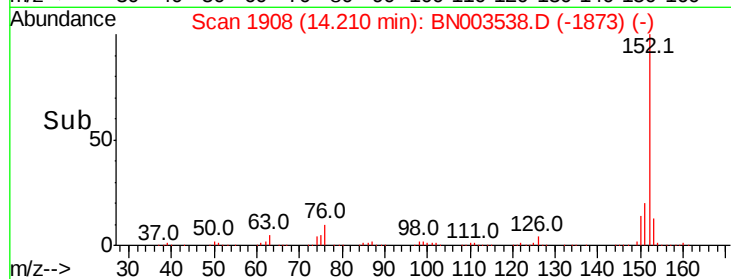
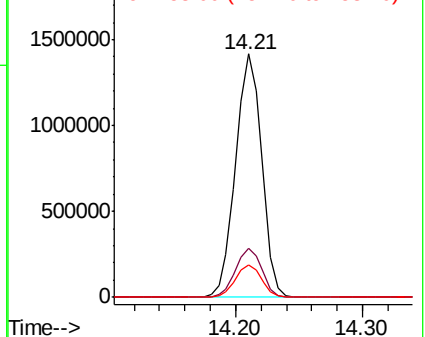
152 100

151 20.4 16.0 24.0

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: 82.650 ng/ul

RT: 14.40 min Scan# 1941

Delta R.T. 0.01 min

Lab File: BN003538.D

Acq: 14 Nov 2018 21:52

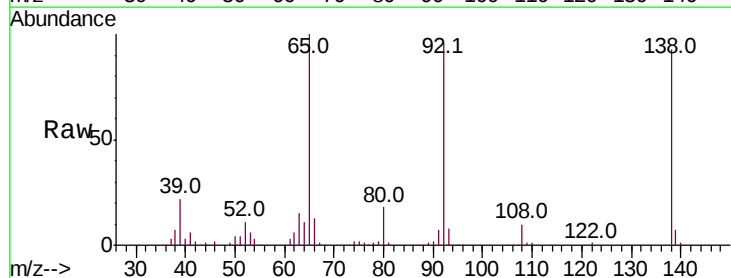
Tgt Ion:138 Resp: 359097

Ion Ratio Lower Upper

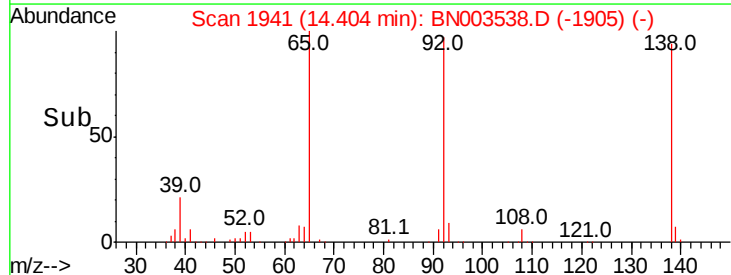
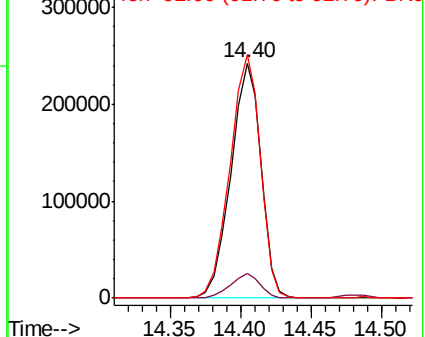
138 100

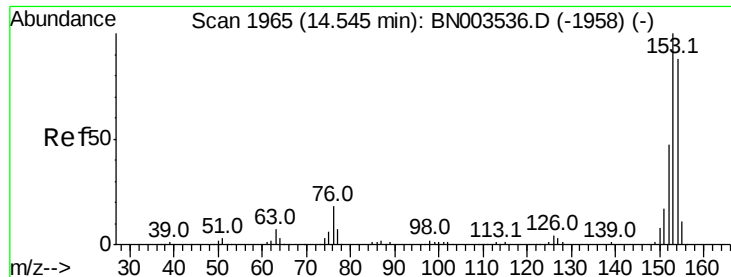
108 10.3 8.2 12.4

92 103.7 85.8 128.6



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): BNC





#49

Acenaphthene

Concen: 76.537 ng/ul

RT: 14.55 min Scan# 1966

Delta R.T. 0.01 min

Lab File: BN003538.D

Acq: 14 Nov 2018 21:52

Instrument :

BNA_N

ClientSampled :

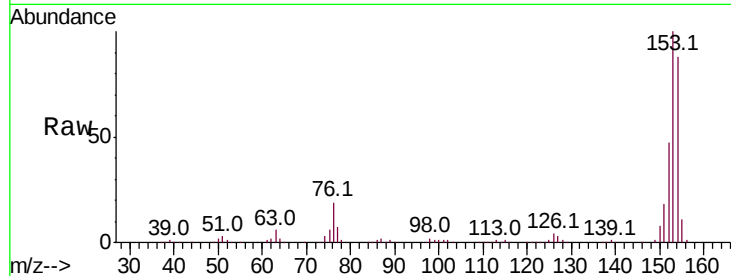
Tot Ion:153 Resp: 1476428

Ion Ratio Lower Upper

153 100

152 46.5 37.5 56.3

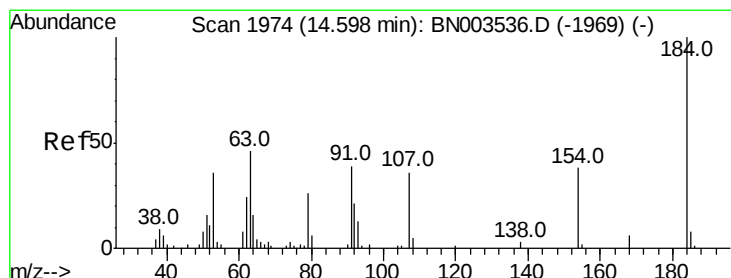
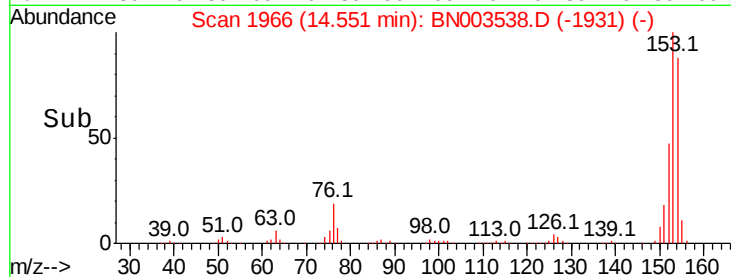
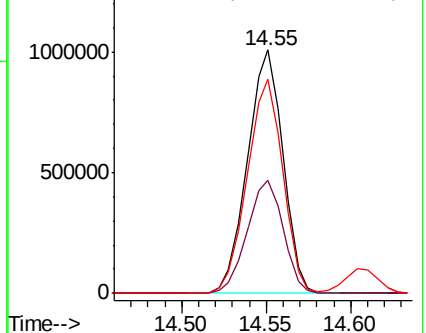
154 88.2 70.7 106.1



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: 116.566 ng/ul

RT: 14.60 min Scan# 1975

Delta R.T. 0.01 min

Lab File: BN003538.D

Acq: 14 Nov 2018 21:52

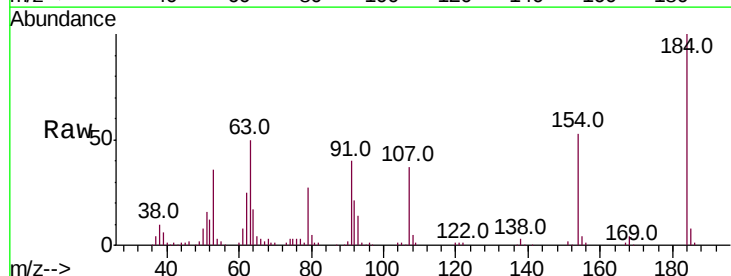
Tgt Ion:184 Resp: 274380

Ion Ratio Lower Upper

184 100

63 50.3 38.2 57.4

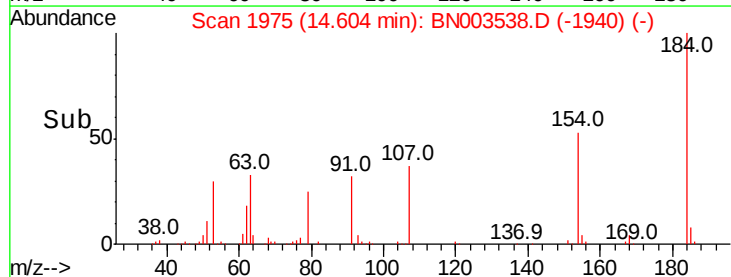
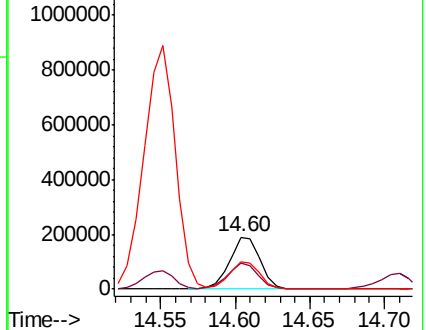
154 53.4 43.7 65.5

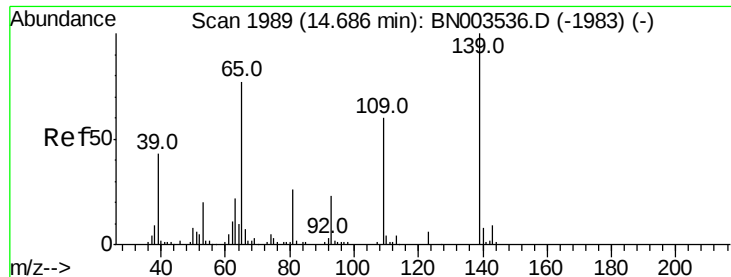


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 88.850 ng/ul

RT: 14.71 min Scan# 1993

Delta R.T. 0.02 min

Lab File: BN003538.D

Acq: 14 Nov 2018 21:52

Instrument :

BNA_N

ClientSampleId :

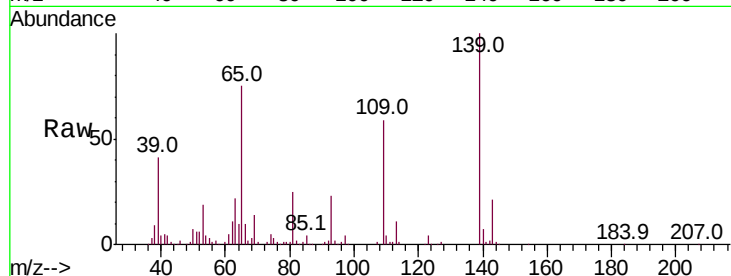
Tot Ion:109 Resp: 228839

Ion Ratio Lower Upper

109 100

139 170.9 133.6 200.4

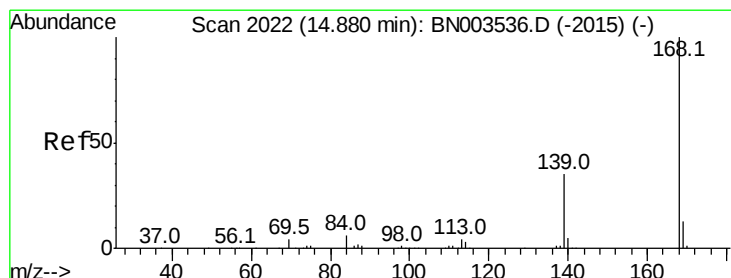
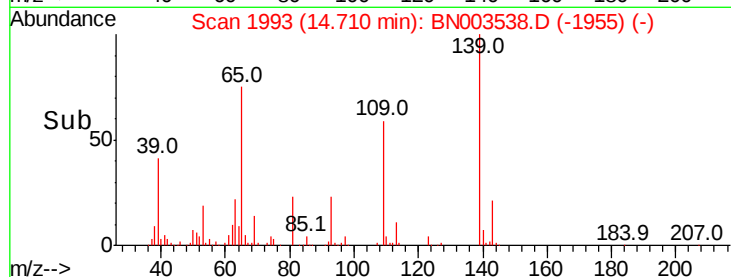
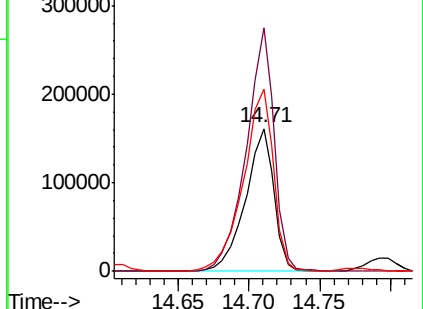
65 128.2 103.7 155.5



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): BNO



#53

Dibenzofuran

Concen: 74.137 ng/ul

RT: 14.89 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BN003538.D

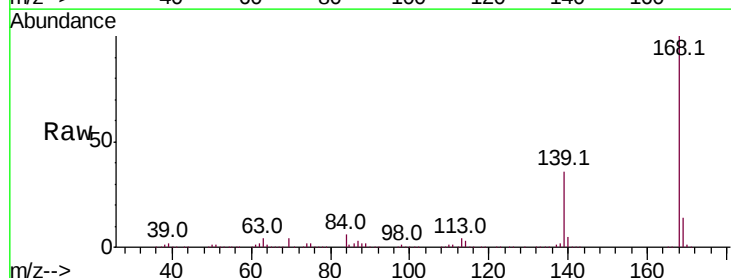
Acq: 14 Nov 2018 21:52

Tgt Ion:168 Resp: 2029492

Ion Ratio Lower Upper

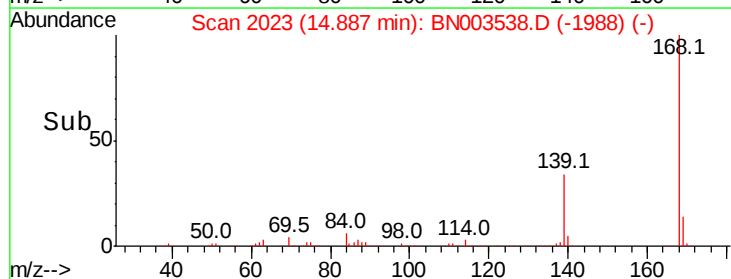
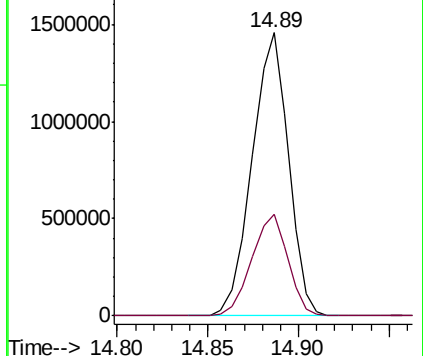
168 100

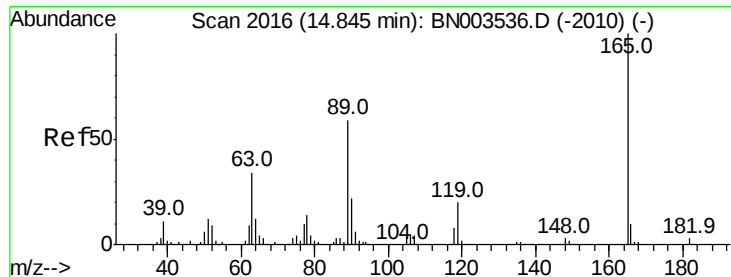
139 35.9 28.2 42.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

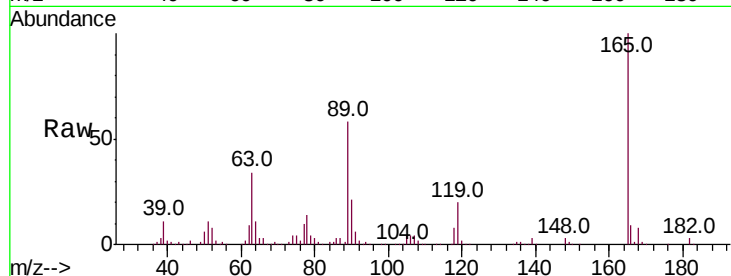




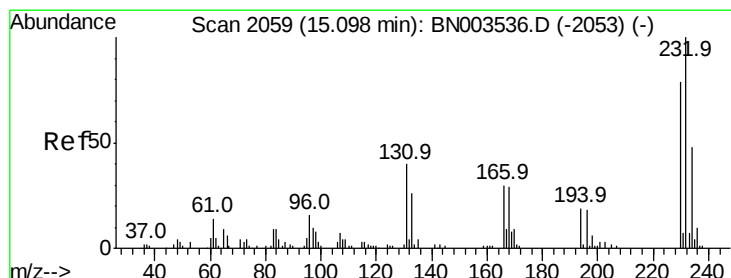
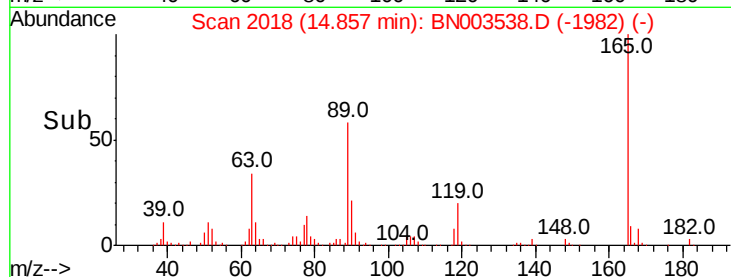
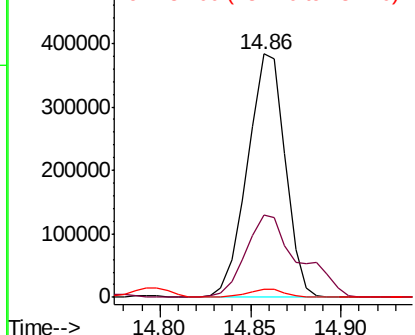
#54
2,4-Dinitrotoluene
Concen: 85.037 ng/ul
RT: 14.86 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BN003538.D
Acq: 14 Nov 2018 21:52

Instrument :
BNA_N
ClientSampleId :

Tot Ion:165 Resp: 555308
Ion Ratio Lower Upper
165 100
63 33.7 26.8 40.2
182 3.1 2.5 3.7

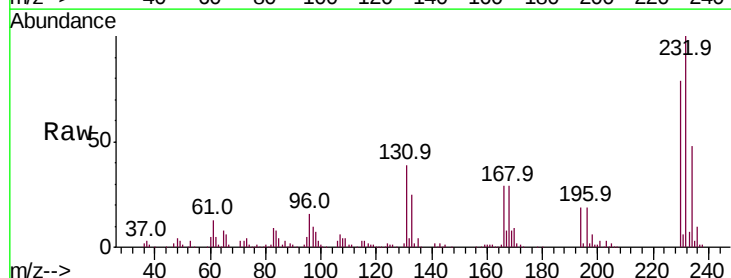


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BNO
Ion 182.00 (181.70 to 182.70): E

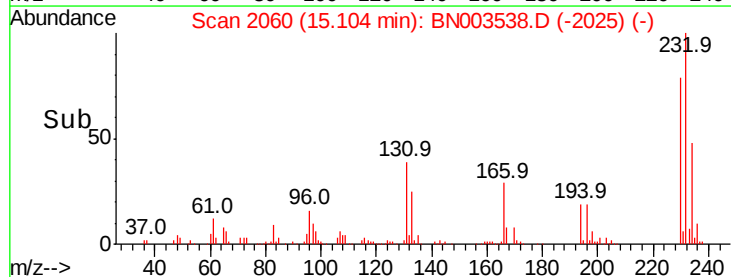
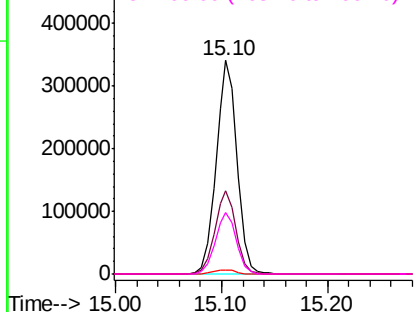


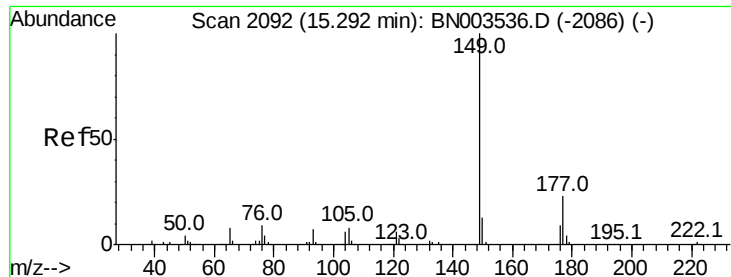
#55
2,3,4,6-Tetrachlorophenol
Concen: 83.167 ng/ul
RT: 15.10 min Scan# 2060
Delta R.T. 0.01 min
Lab File: BN003538.D
Acq: 14 Nov 2018 21:52

Tgt Ion:232 Resp: 469990
Ion Ratio Lower Upper
232 100
131 39.2 32.2 48.4
130 2.0 1.6 2.4
166 29.0 23.8 35.8



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

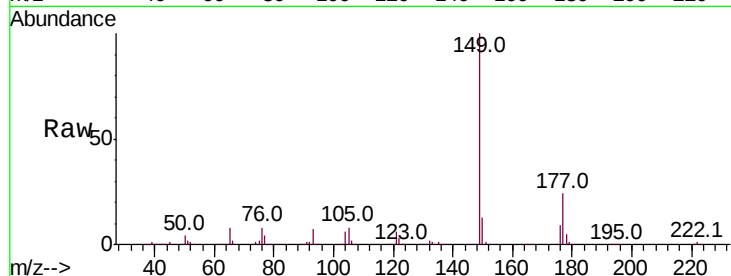




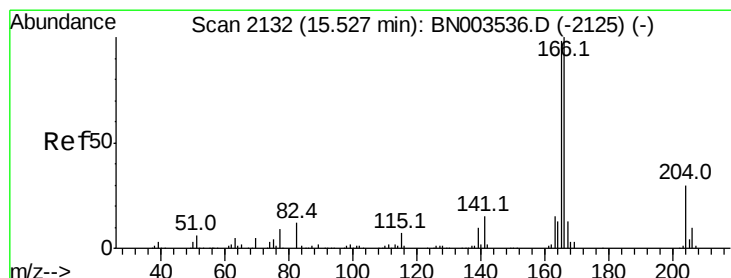
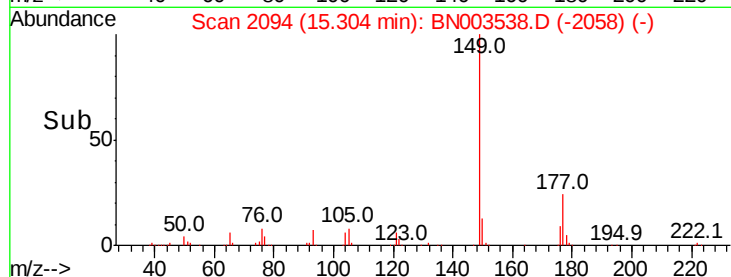
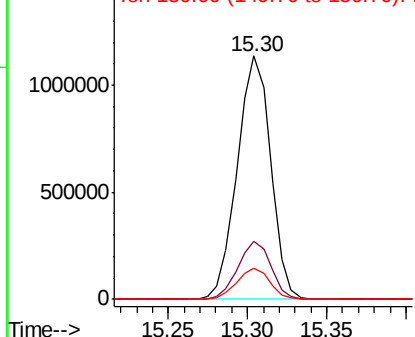
#56
Diethylphthalate
Concen: 76.535 ng/ul
RT: 15.30 min Scan# 2094
Delta R.T. 0.01 min
Lab File: BN003538.D
Acq: 14 Nov 2018 21:52

Instrument :
BNA_N
ClientSampled :

Tot Ion:149 Resp: 1663372
Ion Ratio Lower Upper
149 100
177 23.8 18.2 27.4
150 12.7 10.0 15.0

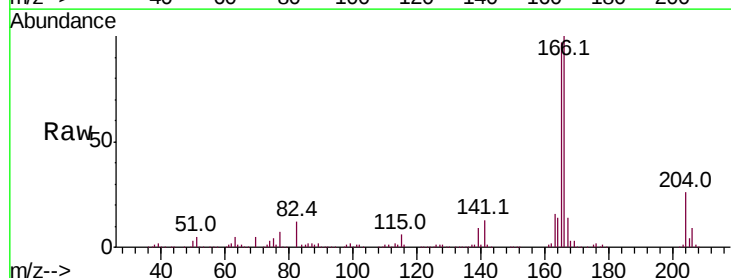


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

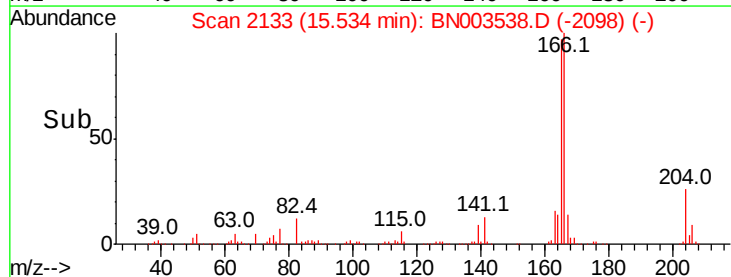
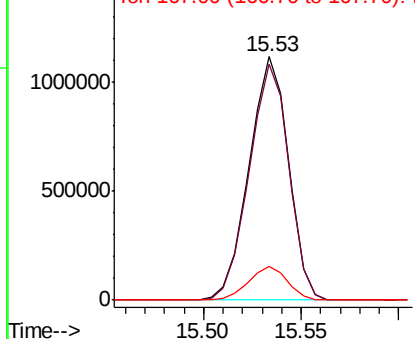


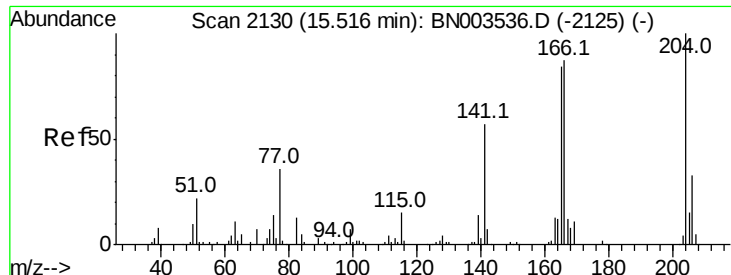
#58
Fluorene
Concen: 71.024 ng/ul
RT: 15.53 min Scan# 2133
Delta R.T. 0.01 min
Lab File: BN003538.D
Acq: 14 Nov 2018 21:52

Tgt Ion:166 Resp: 1558834
Ion Ratio Lower Upper
166 100
165 97.1 78.4 117.6
167 13.6 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

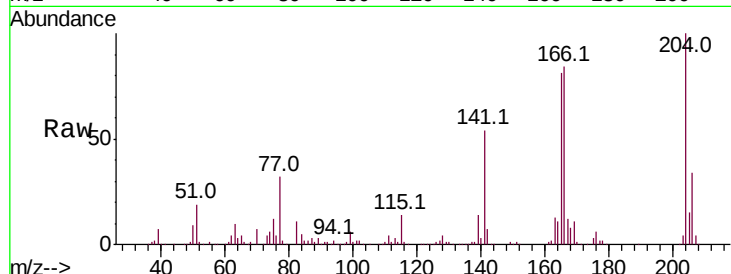




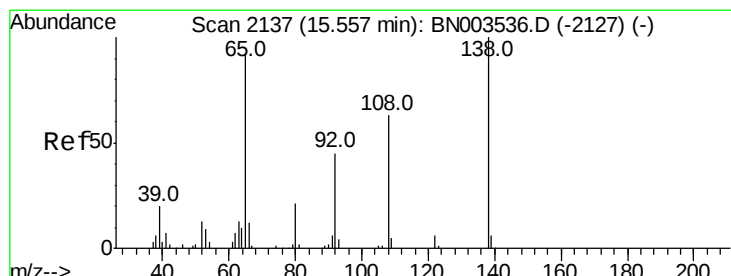
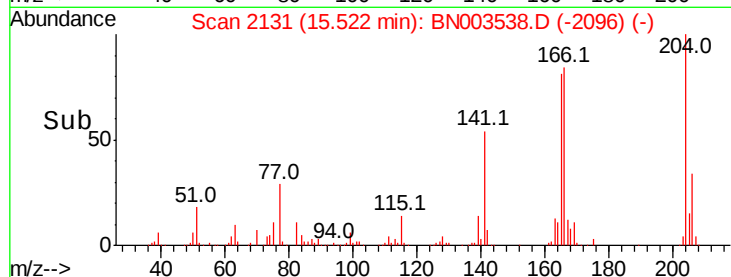
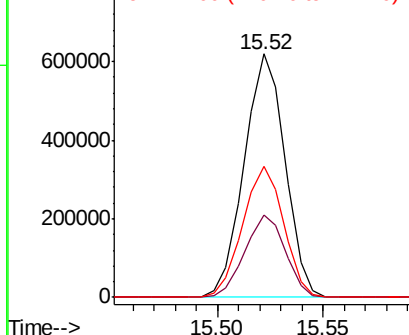
#59
4-Chlorophenyl-phenylether
Concen: 72.036 ng/ul
RT: 15.52 min Scan# 2131
Delta R.T. 0.01 min
Lab File: BN003538.D
Acq: 14 Nov 2018 21:52

Instrument :
BNA_N
ClientSampled :

Tot Ion:204 Resp: 832157
Ion Ratio Lower Upper
204 100
206 33.6 26.2 39.4
141 54.0 45.3 67.9

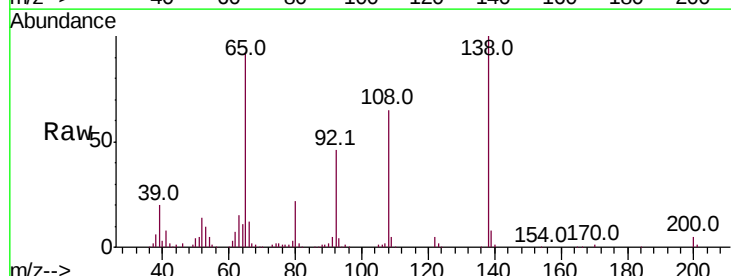


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

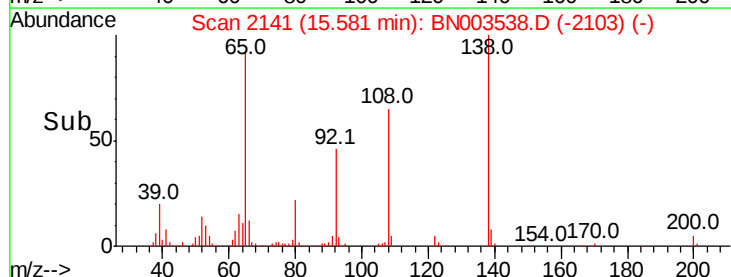
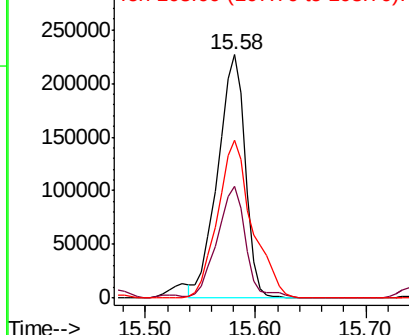


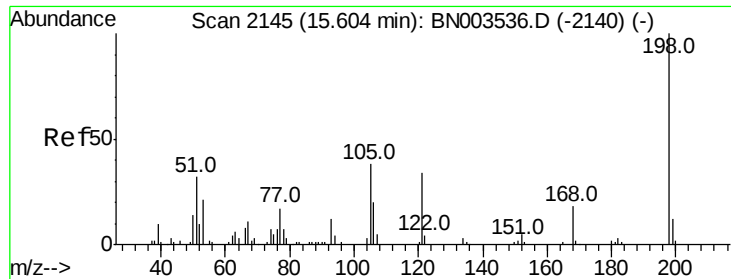
#60
4-Nitroaniline
Concen: 83.482 ng/ul
RT: 15.58 min Scan# 2141
Delta R.T. 0.02 min
Lab File: BN003538.D
Acq: 14 Nov 2018 21:52

Tgt Ion:138 Resp: 394283
Ion Ratio Lower Upper
138 100
92 46.1 36.2 54.4
108 64.7 50.6 75.8



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

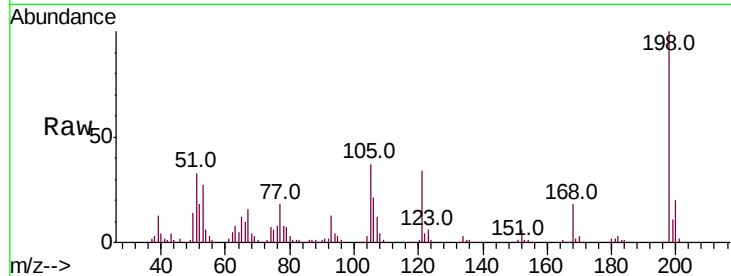




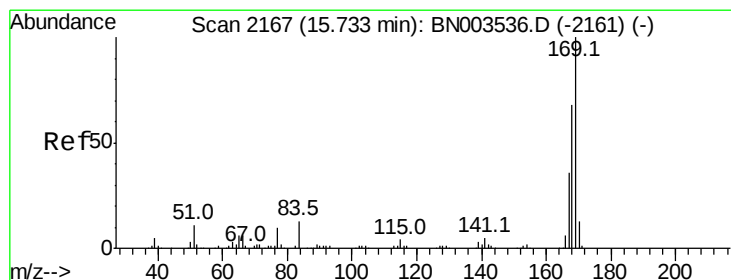
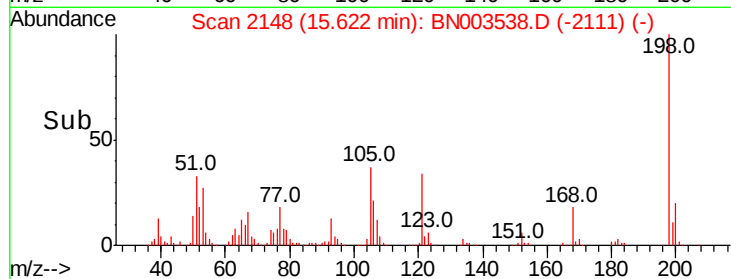
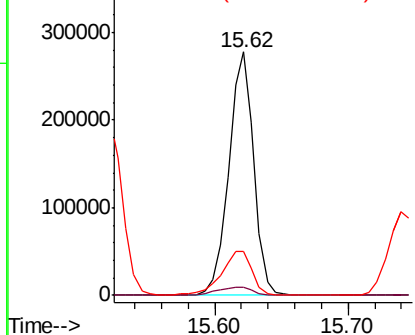
#63
 4,6-Dinitro-2-methylphenol
 Concen: 100.353 ng/ul
 RT: 15.62 min Scan# 2148
 Delta R.T. 0.02 min
 Lab File: BN003538.D
 Acq: 14 Nov 2018 21:52

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:198 Resp: 361951
 Ion Ratio Lower Upper
 198 100
 182 3.1 3.0 4.6
 77 18.1 15.1 22.7

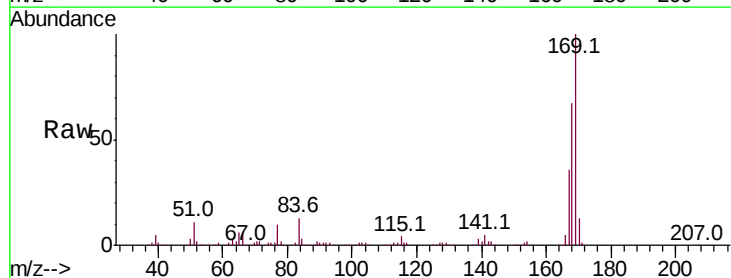


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BNC

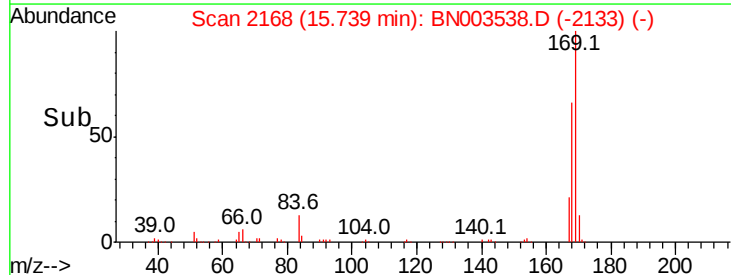
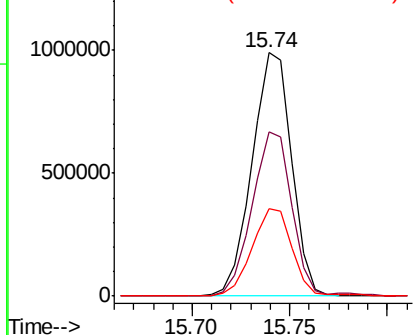


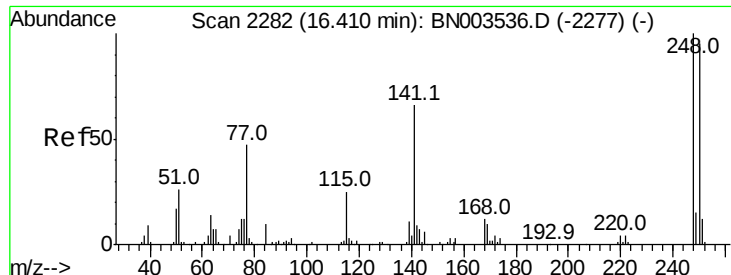
#64
 N-Nitrosodiphenylamine
 Concen: 79.497 ng/ul
 RT: 15.74 min Scan# 2168
 Delta R.T. 0.01 min
 Lab File: BN003538.D
 Acq: 14 Nov 2018 21:52

Tgt Ion:169 Resp: 1391744
 Ion Ratio Lower Upper
 169 100
 168 67.4 54.7 82.1
 167 36.2 29.2 43.8



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

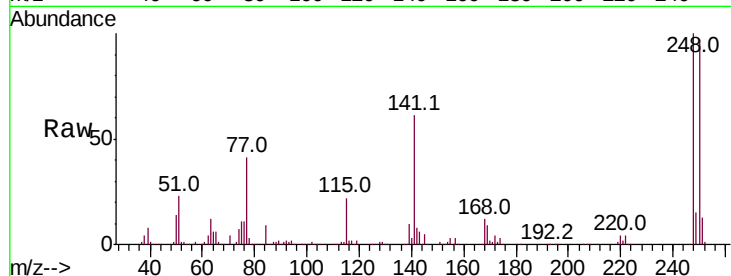




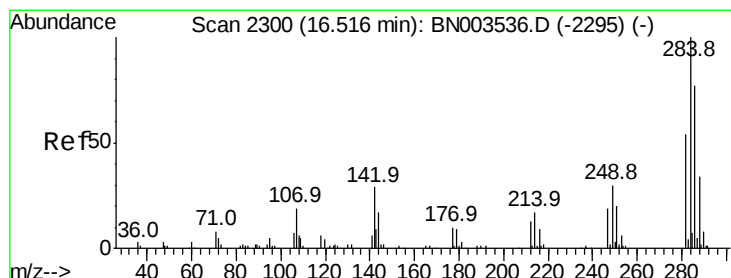
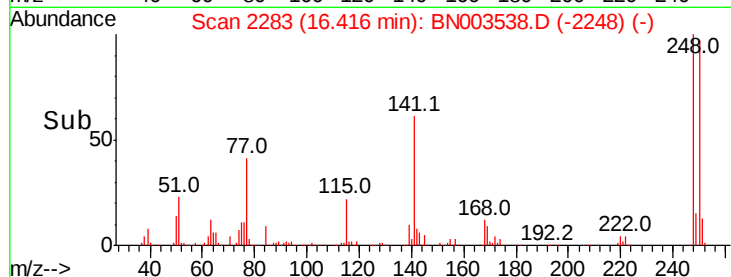
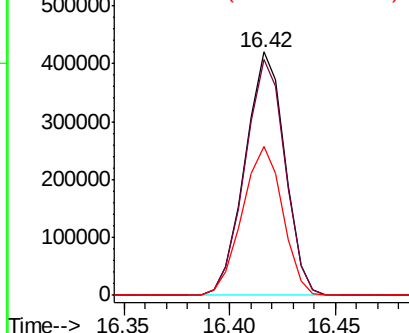
#65
4-Bromophenyl-phenylether
Concen: 79.492 ng/ul
RT: 16.42 min Scan# 2283
Delta R.T. 0.01 min
Lab File: BN003538.D
Acq: 14 Nov 2018 21:52

Instrument :
BNA_N
ClientSampled :

Tot Ion:248 Resp: 552262
Ion Ratio Lower Upper
248 100
250 96.7 76.4 114.6
141 61.4 52.6 78.8

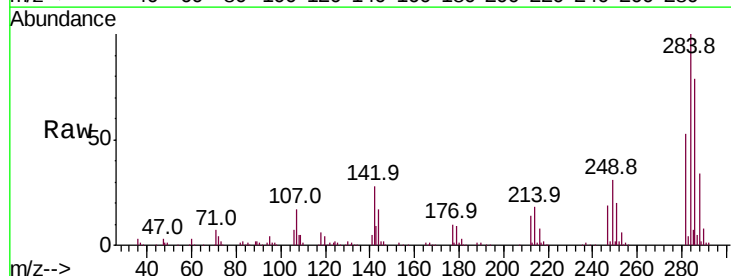


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

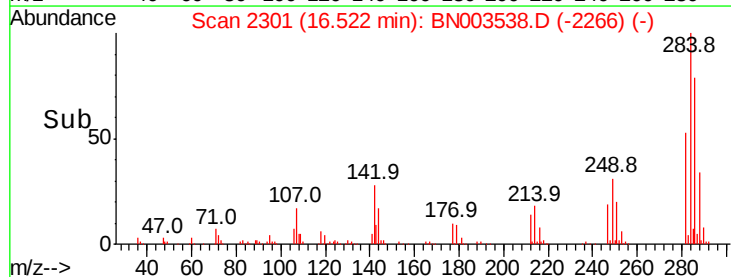
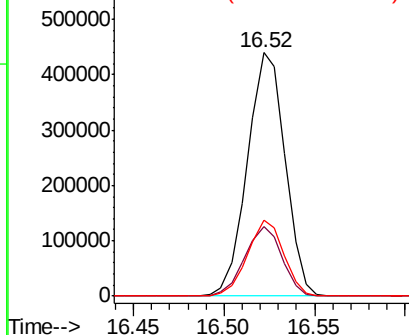


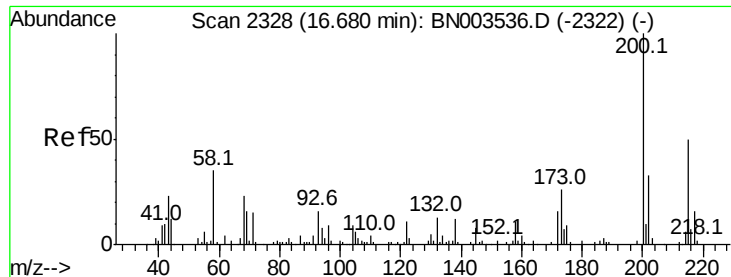
#66
Hexachlorobenzene
Concen: 77.941 ng/ul
RT: 16.52 min Scan# 2301
Delta R.T. 0.01 min
Lab File: BN003538.D
Acq: 14 Nov 2018 21:52

Tgt Ion:284 Resp: 636293
Ion Ratio Lower Upper
284 100
142 28.4 23.0 34.6
249 31.0 24.2 36.2



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

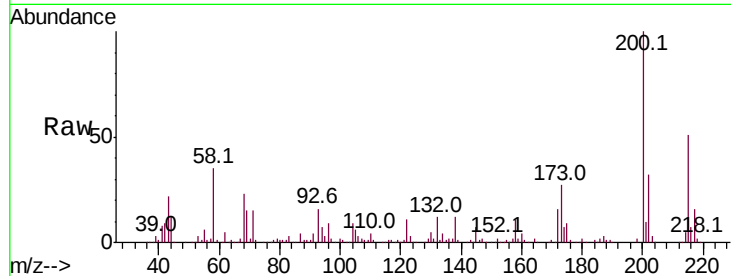




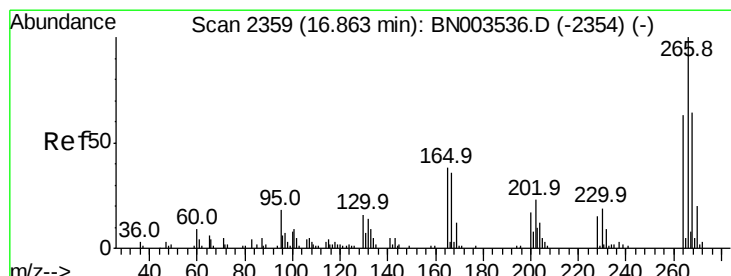
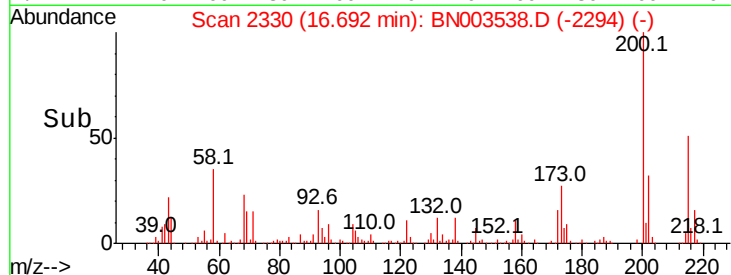
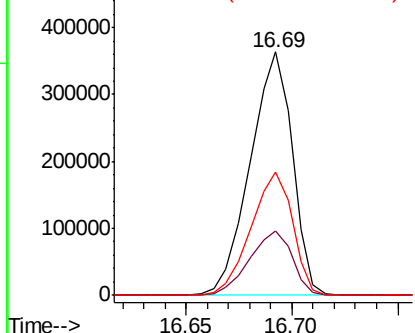
#67
Atrazine
Concen: 83.111 ng/ul
RT: 16.69 min Scan# 2330
Delta R.T. 0.01 min
Lab File: BN003538.D
Acq: 14 Nov 2018 21:52

Instrument :
BNA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.5	21.0	31.4
215	50.6	39.8	59.6

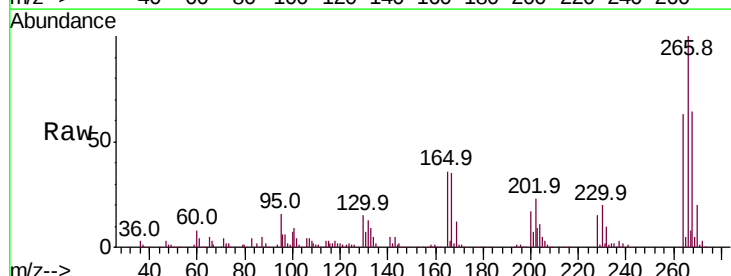


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

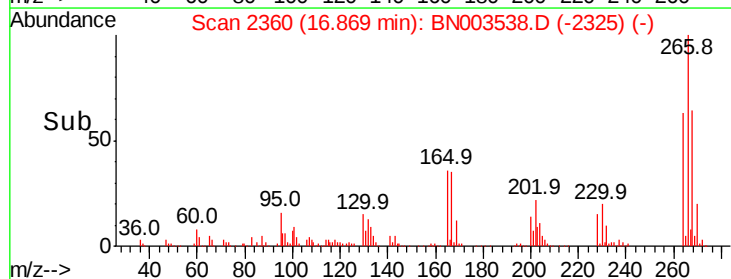
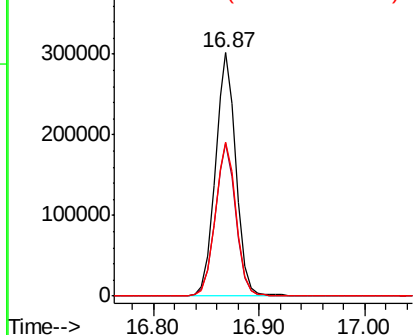


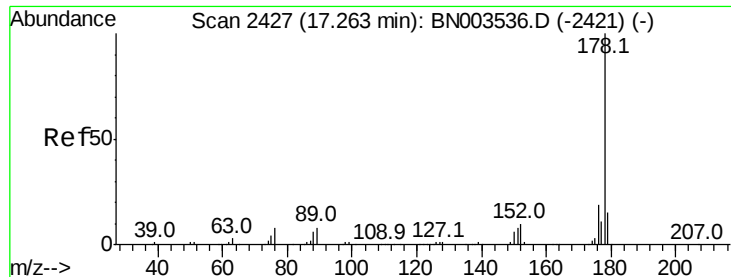
#68
Pentachlorophenol
Concen: 92.384 ng/ul
RT: 16.87 min Scan# 2360
Delta R.T. 0.01 min
Lab File: BN003538.D
Acq: 14 Nov 2018 21:52

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.0	50.6	76.0
268	63.5	51.3	76.9



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: 76.056 ng/ul

RT: 17.27 min Scan# 2429

Delta R.T. 0.01 min

Lab File: BN003538.D

Acq: 14 Nov 2018 21:52

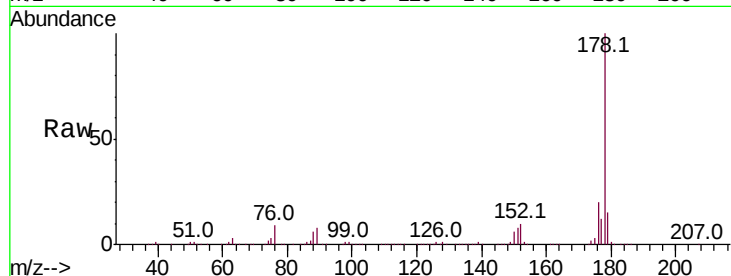
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 2401932

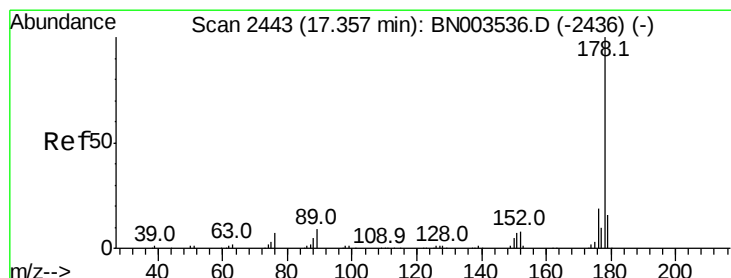
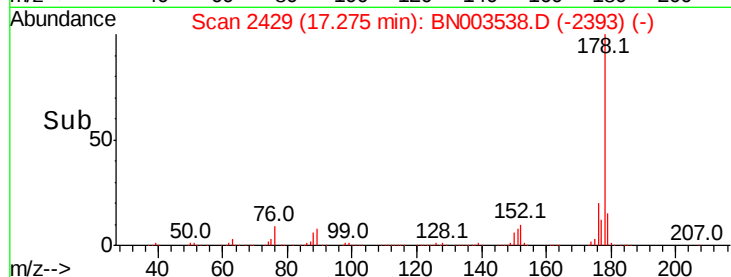
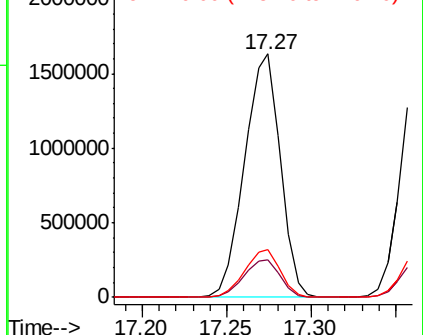
Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.6	14.8	22.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 76.877 ng/ul

RT: 17.36 min Scan# 2444

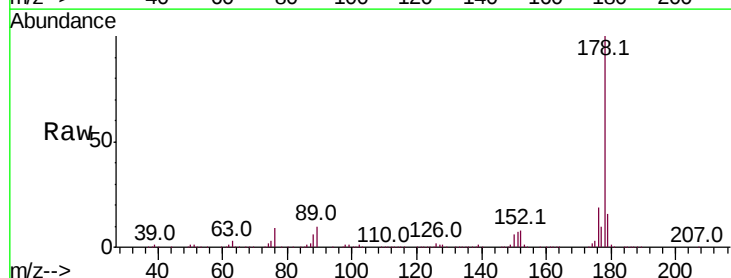
Delta R.T. 0.01 min

Lab File: BN003538.D

Acq: 14 Nov 2018 21:52

Tgt Ion:178 Resp: 2452803

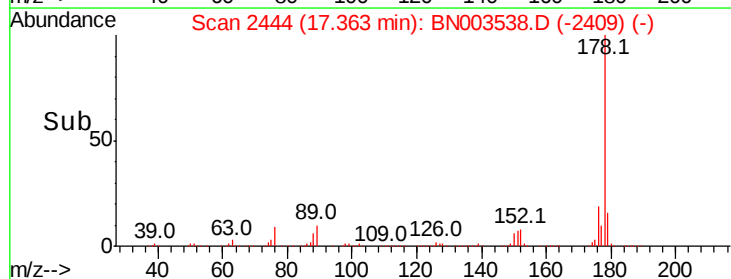
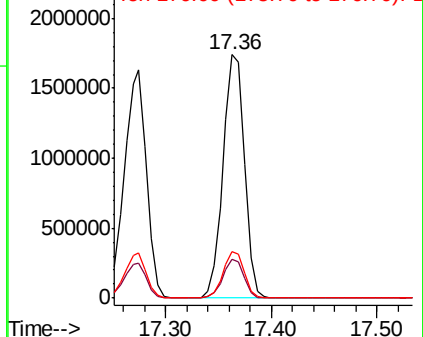
Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.5	18.7
176	19.2	15.0	22.4

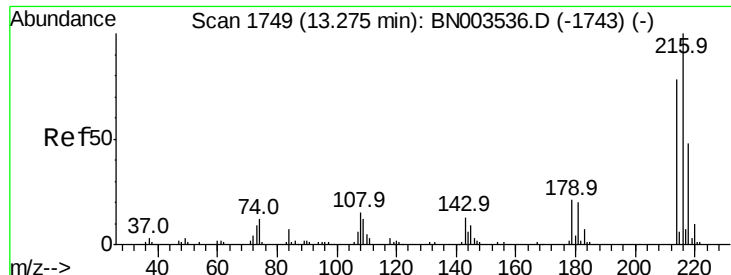


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

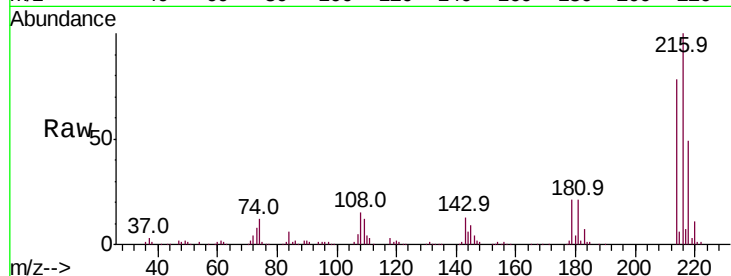




#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 81.359 ng/uL
 RT: 13.28 min Scan# 1750
 Delta R.T. 0.01 min
 Lab File: BN003538.D
 Acq: 14 Nov 2018 21:52

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	77.8	62.3	93.5
218	49.1	38.6	58.0

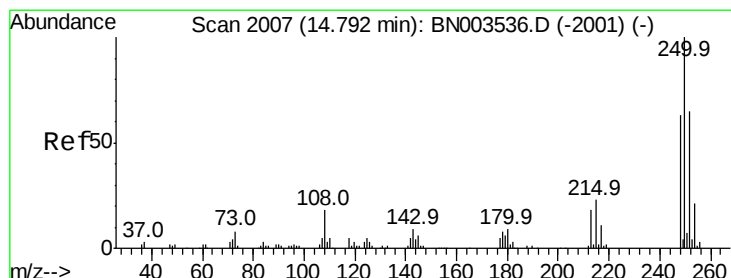
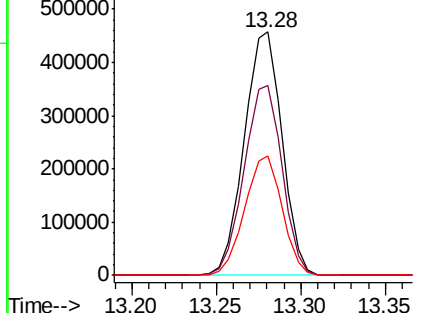
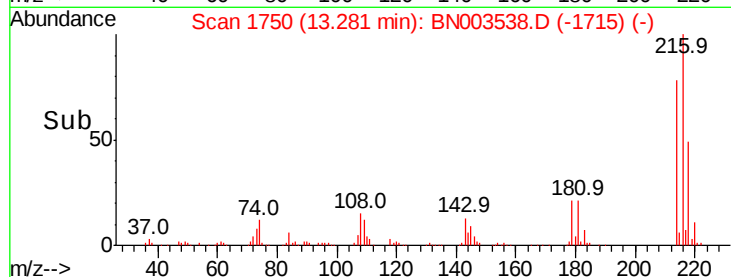


Abundance

Ion 216.00 (215.70 to 216.70): E

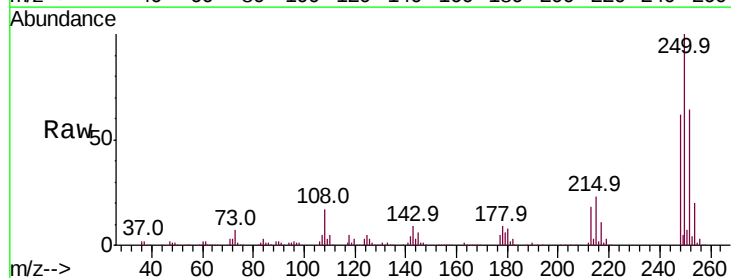
Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



#73
 Pentachlorobenzene
 Concen: 83.008 ng/uL
 RT: 14.80 min Scan# 2008
 Delta R.T. 0.01 min
 Lab File: BN003538.D
 Acq: 14 Nov 2018 21:52

Tgt Ion	Ratio	Lower	Upper
250	100		
248	62.4	50.2	75.4
252	63.5	52.2	78.4

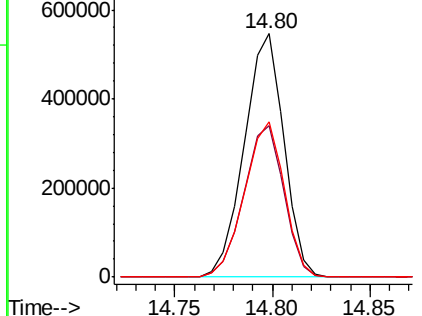
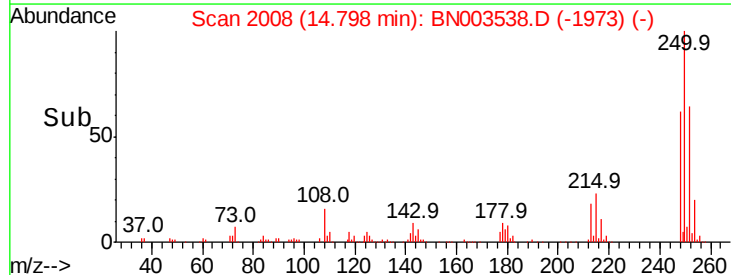


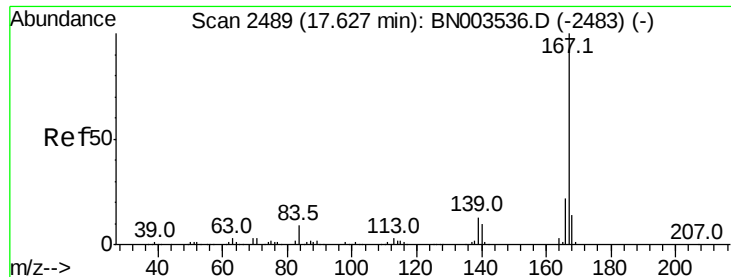
Abundance

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: 88.244 ng/ul

RT: 17.63 min Scan# 2490

Delta R.T. 0.01 min

Lab File: BN003538.D

Acq: 14 Nov 2018 21:52

Instrument :

BNA_N

ClientSampleId :

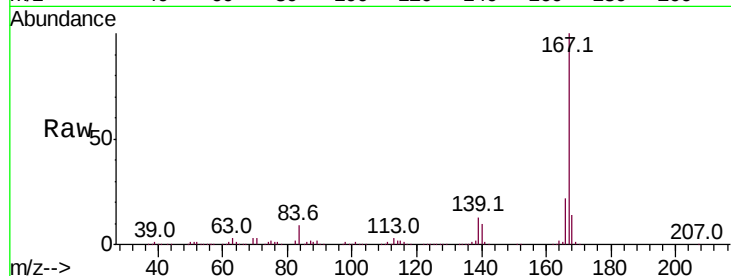
Tot Ion:167 Resp: 2363918

Ion Ratio Lower Upper

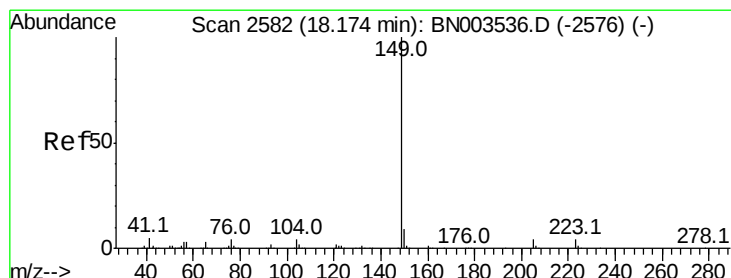
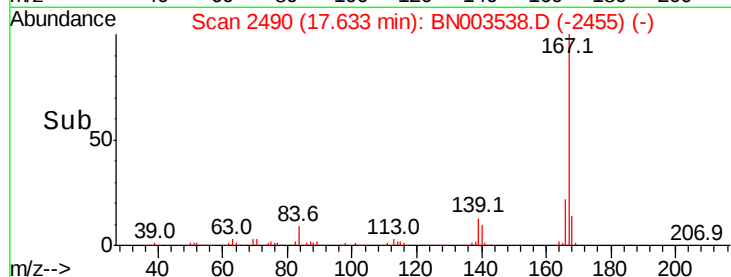
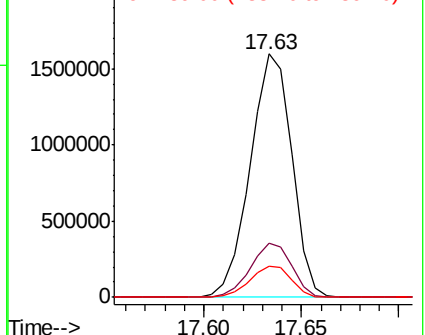
167 100

166 22.1 17.3 25.9

139 12.8 10.1 15.1



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: 88.054 ng/ul

RT: 18.18 min Scan# 2583

Delta R.T. 0.01 min

Lab File: BN003538.D

Acq: 14 Nov 2018 21:52

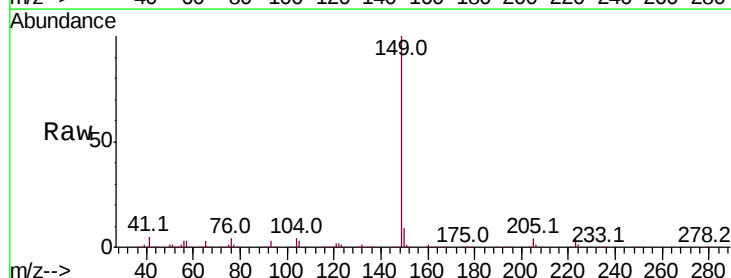
Tgt Ion:149 Resp: 2816293

Ion Ratio Lower Upper

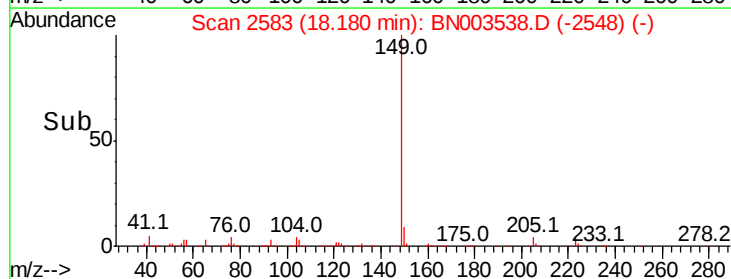
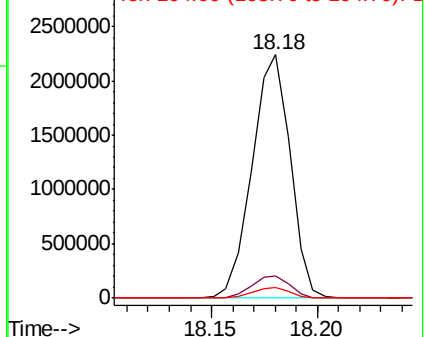
149 100

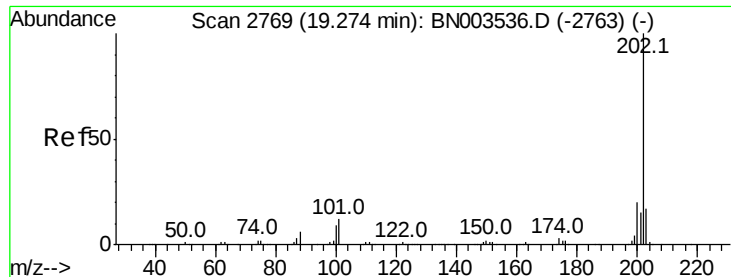
150 9.2 7.4 11.0

104 4.4 3.5 5.3



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

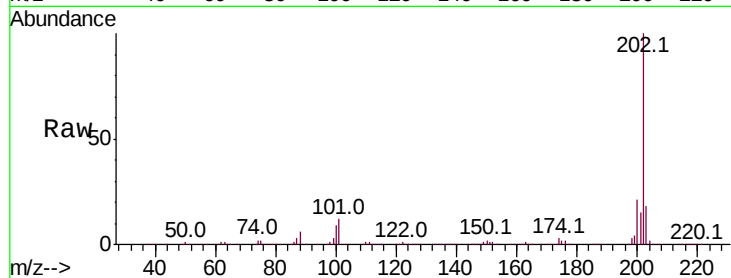




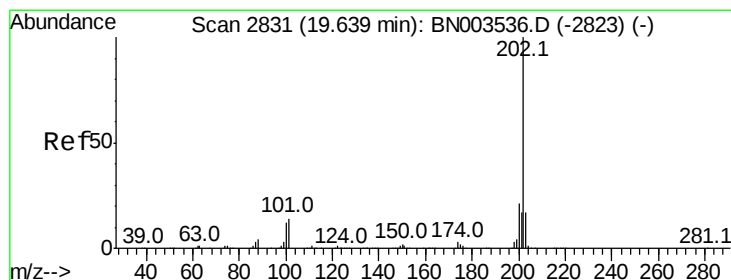
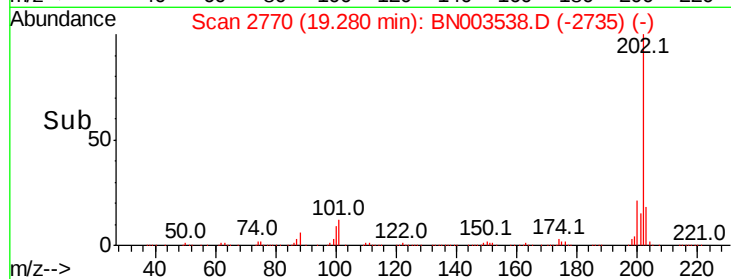
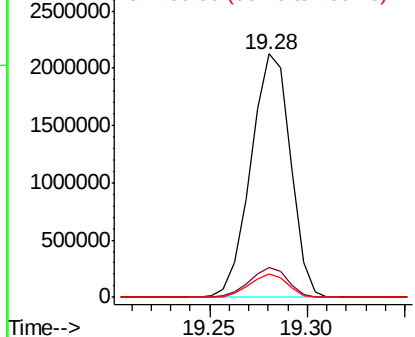
#76
Fluoranthene
Concen: 88.641 ng/ul
RT: 19.28 min Scan# 2770
Delta R.T. 0.01 min
Lab File: BN003538.D
Acq: 14 Nov 2018 21:52

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 2995034
Ion Ratio Lower Upper
202 100
101 12.2 9.3 13.9
100 9.5 7.1 10.7

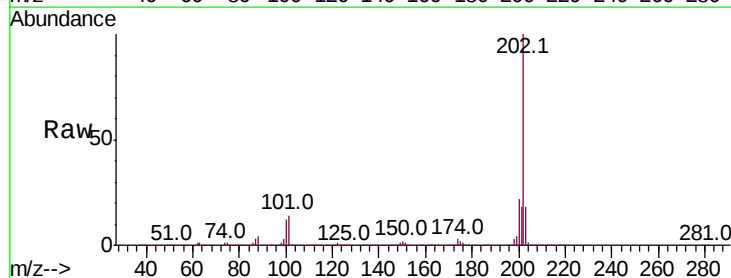


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

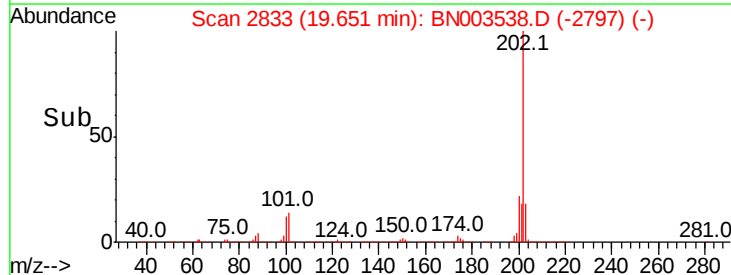
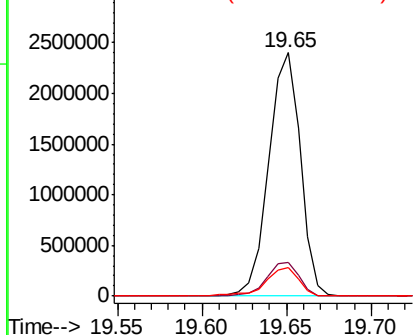


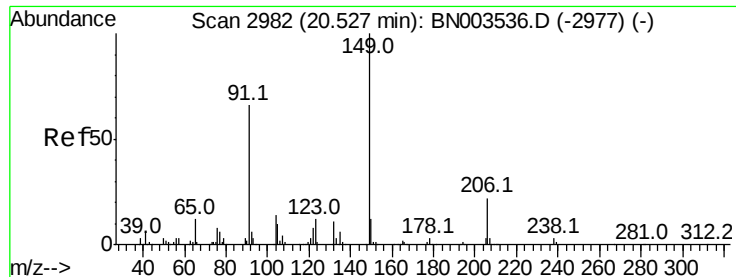
#79
Pyrene
Concen: 73.650 ng/ul
RT: 19.65 min Scan# 2833
Delta R.T. 0.01 min
Lab File: BN003538.D
Acq: 14 Nov 2018 21:52

Tgt Ion:202 Resp: 3126171
Ion Ratio Lower Upper
202 100
101 13.9 11.0 16.4
100 11.5 9.4 14.0



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

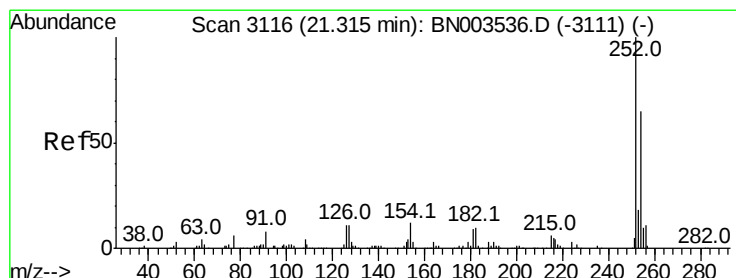
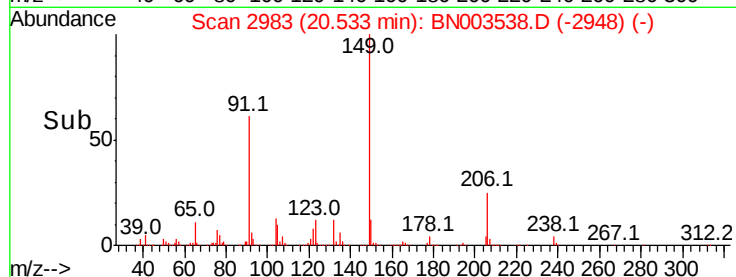
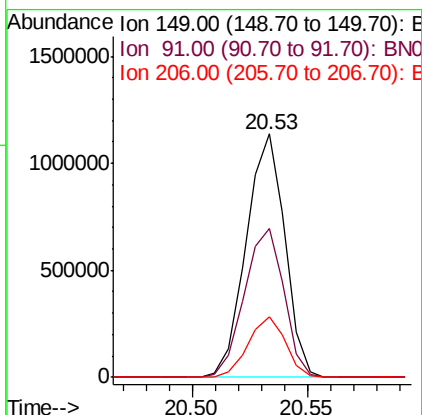
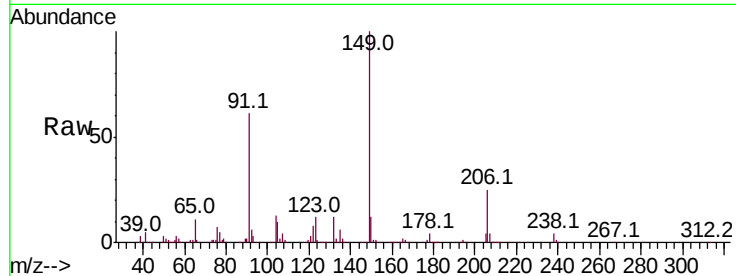




#80
Butylbenzylphthalate
Concen: 83.913 ng/ul
RT: 20.53 min Scan# 2983
Delta R.T. 0.01 min
Lab File: BN003538.D
Acq: 14 Nov 2018 21:52

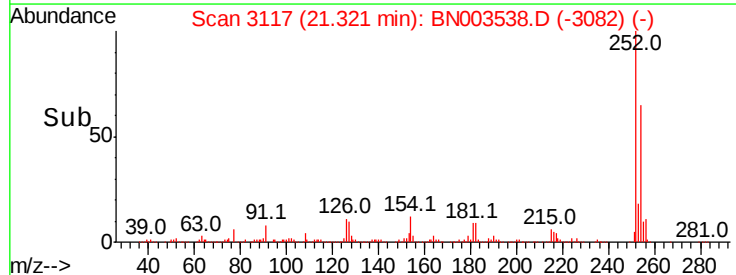
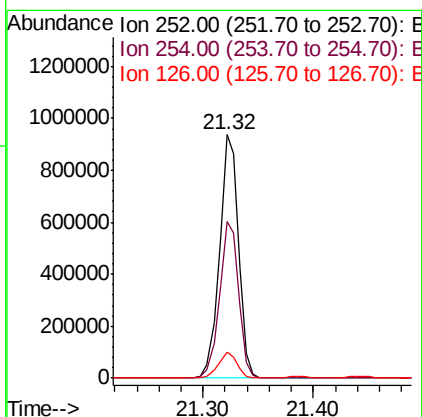
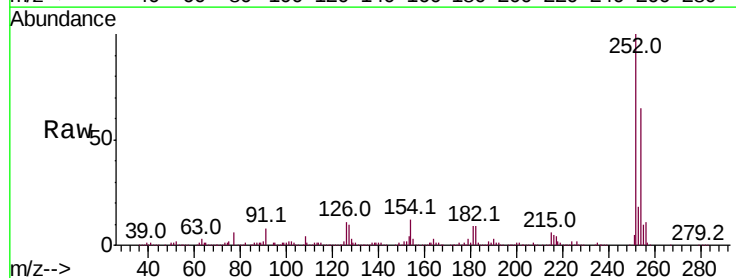
Instrument :
BNA_N
ClientSampleId :

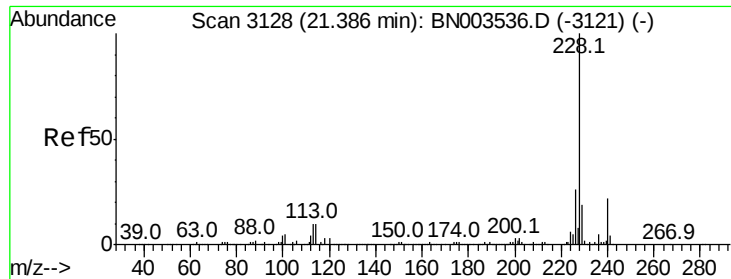
Tot Ion:149 Resp: 1328447
Ion Ratio Lower Upper
149 100
91 61.3 53.0 79.4
206 24.8 17.8 26.6



#81
3,3'-Dichlorobenzidine
Concen: 91.049 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. 0.01 min
Lab File: BN003538.D
Acq: 14 Nov 2018 21:52

Tgt Ion:252 Resp: 1118721
Ion Ratio Lower Upper
252 100
254 64.5 51.8 77.6
126 10.6 9.1 13.7





#82

Benzo(a)anthracene

Concen: 78.051 ng/ul

RT: 21.39 min Scan# 3129

Delta R.T. 0.01 min

Lab File: BN003538.D

Acq: 14 Nov 2018 21:52

Instrument :

BNA_N

ClientSampleId :

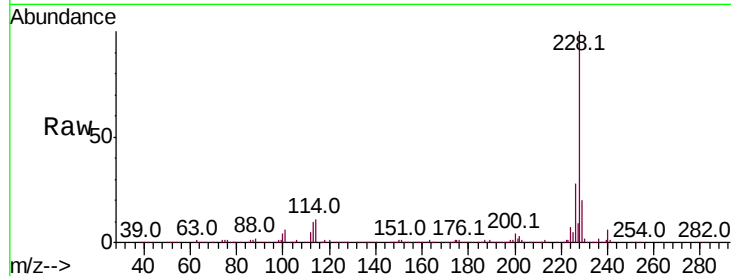
Tot Ion:228 Resp: 2901862

Ion Ratio Lower Upper

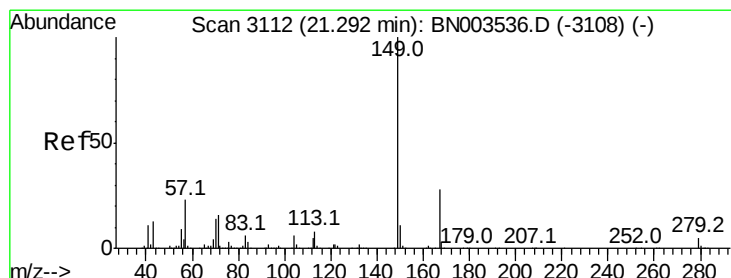
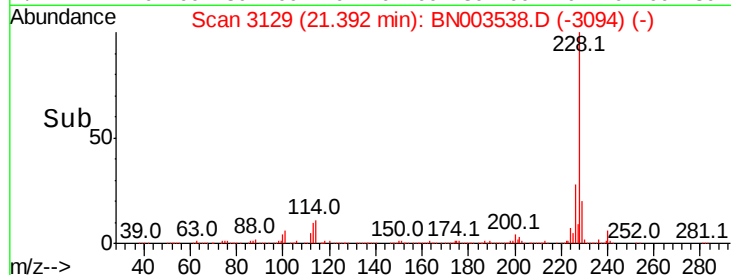
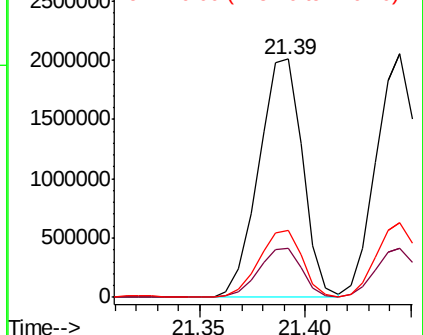
228 100

229 20.4 15.4 23.0

226 28.3 21.2 31.8



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: 82.378 ng/ul

RT: 21.30 min Scan# 3113

Delta R.T. 0.01 min

Lab File: BN003538.D

Acq: 14 Nov 2018 21:52

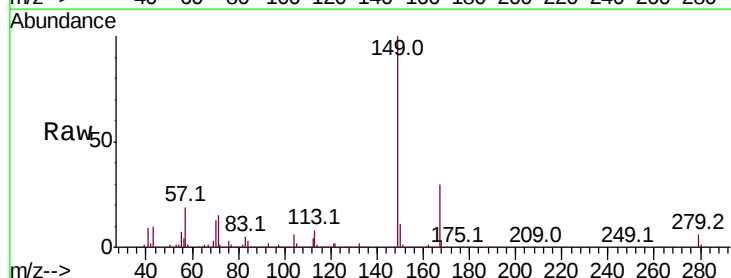
Tgt Ion:149 Resp: 1867660

Ion Ratio Lower Upper

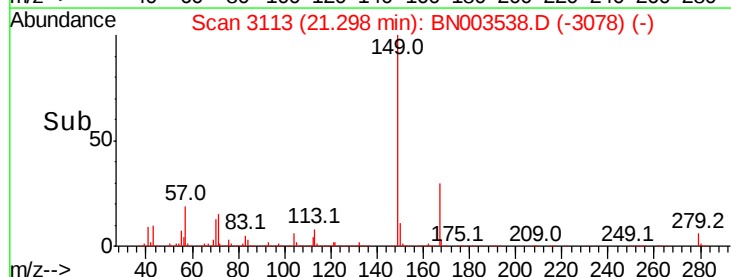
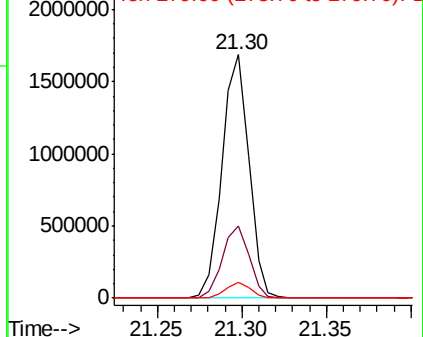
149 100

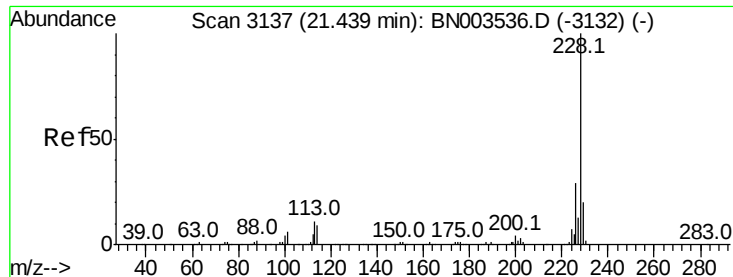
167 29.6 22.6 34.0

279 6.4 3.9 5.9#



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: 77.318 ng/ul

RT: 21.44 min Scan# 3138

Delta R.T. 0.01 min

Lab File: BN003538.D

Acq: 14 Nov 2018 21:52

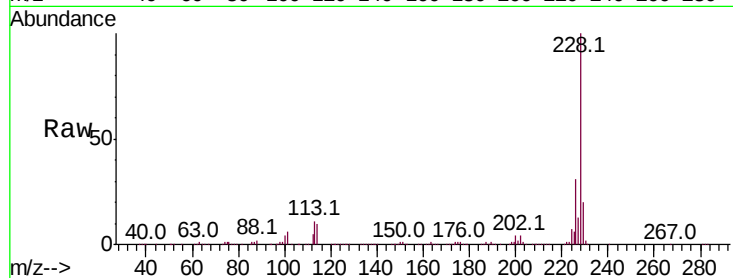
Instrument :

BNA_N

ClientSampled :

Tot Ion:228 Resp: 2704362

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.4	35.0
229	20.1	15.8	23.8

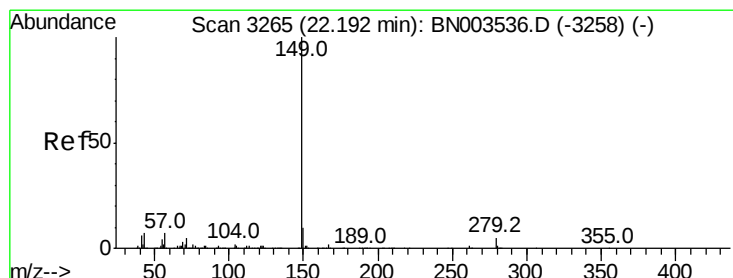
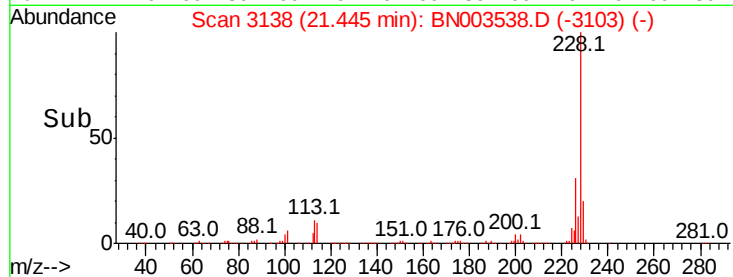
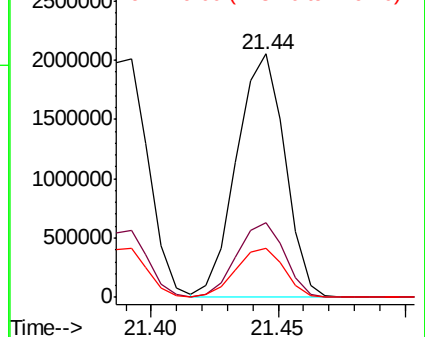


Abundance

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: 78.313 ng/ul

RT: 22.20 min Scan# 3266

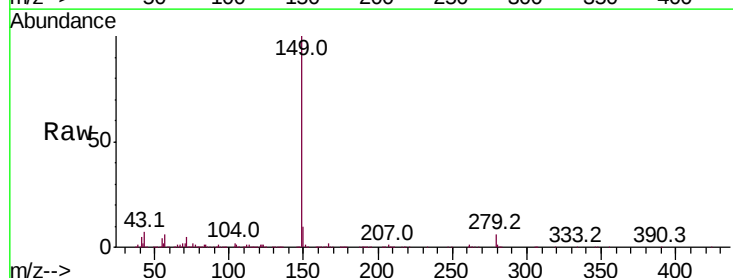
Delta R.T. 0.01 min

Lab File: BN003538.D

Acq: 14 Nov 2018 21:52

Tgt Ion:149 Resp: 3059470

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	6.6	6.0	9.0

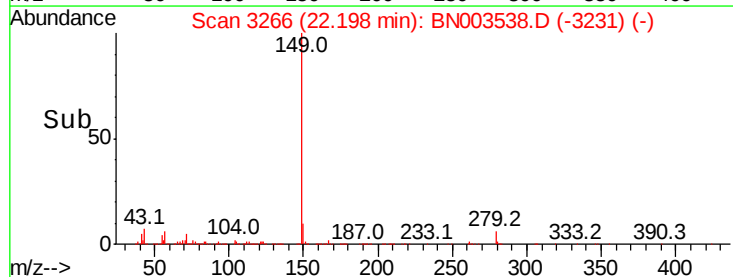
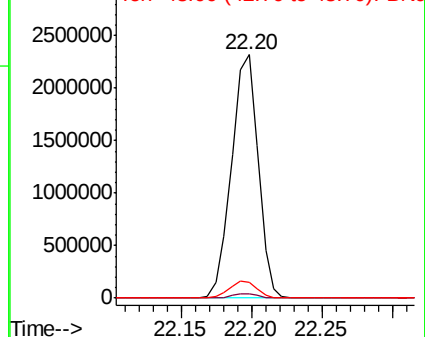


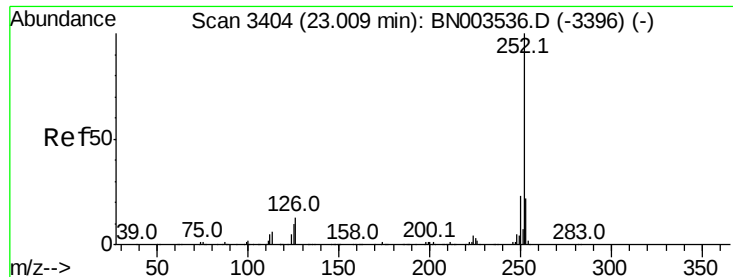
Abundance

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

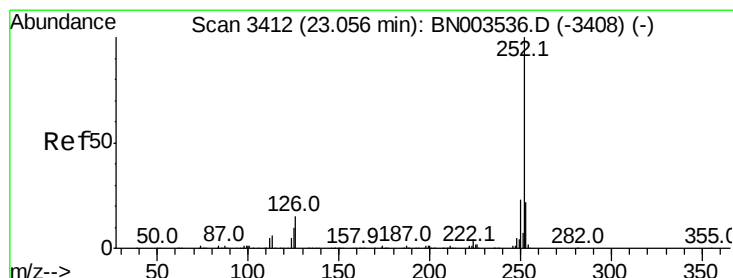
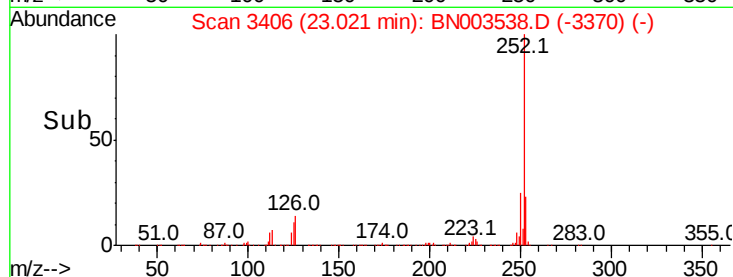
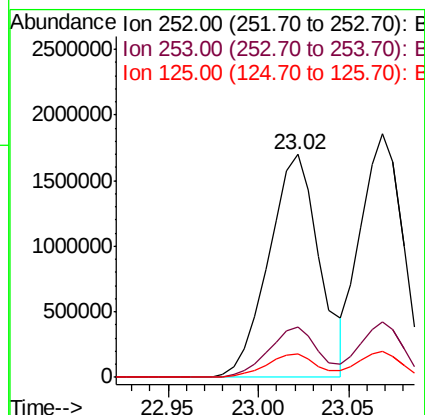
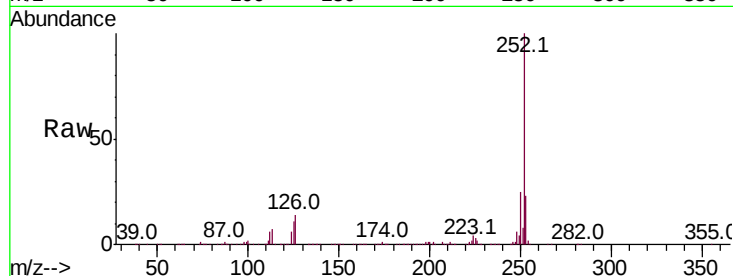




#87
Benzo(b)fluoranthene
Concen: 93.360 ng/ul
RT: 23.02 min Scan# 3406
Delta R.T. 0.01 min
Lab File: BN003538.D
Acq: 14 Nov 2018 21:52

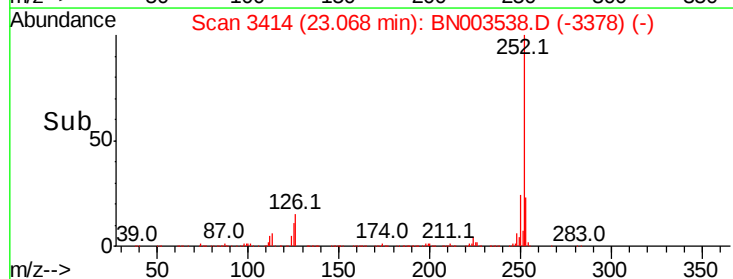
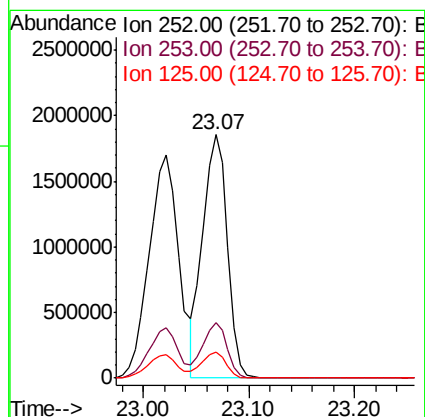
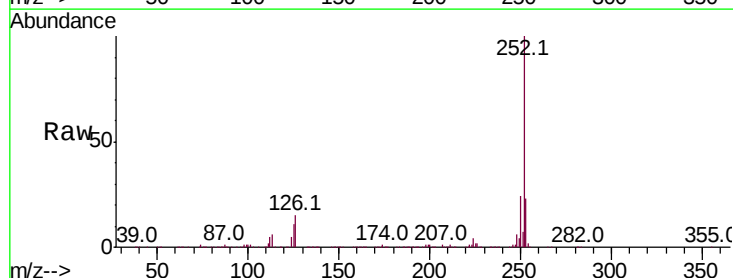
Instrument :
BNA_N
ClientSampled :

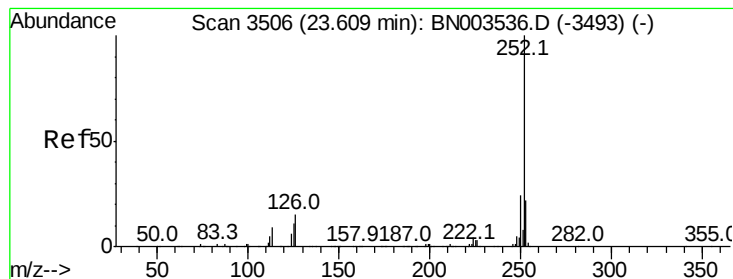
Tot Ion:252 Resp: 3315265
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 10.8 8.2 12.4



#88
Benzo(k)fluoranthene
Concen: 86.083 ng/ul
RT: 23.07 min Scan# 3414
Delta R.T. 0.01 min
Lab File: BN003538.D
Acq: 14 Nov 2018 21:52

Tgt Ion:252 Resp: 3008434
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 10.8 8.2 12.4





#90

Benzo(a)pyrene

Concen: 79.898 ng/u1

RT: 23.63 min Scan# 3509

Delta R.T. 0.02 min

Lab File: BN003538.D

Acq: 14 Nov 2018 21:52

Instrument :

BNA_N

ClientSampleId :

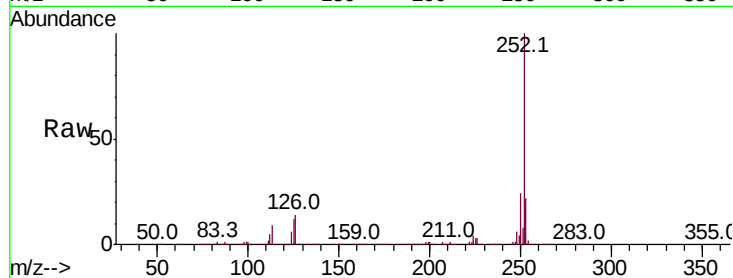
Tot Ion:252 Resp: 2712258

Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

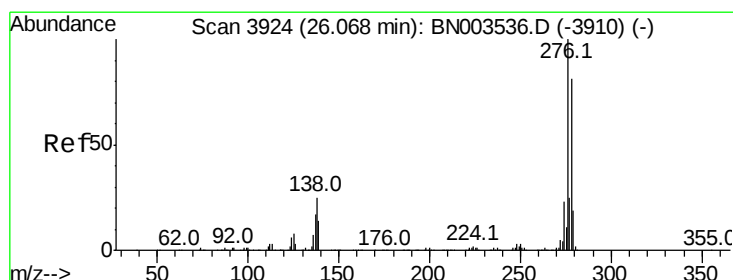
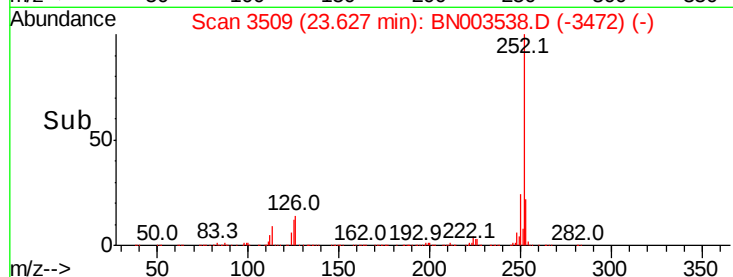
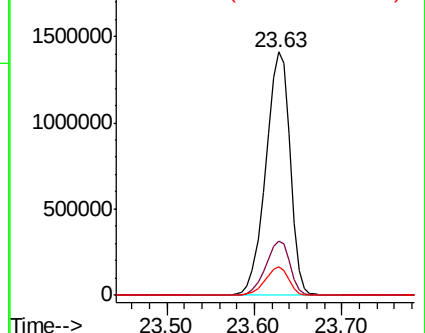
125 11.6 9.0 13.4



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: 73.674 ng/u1

RT: 26.09 min Scan# 3928

Delta R.T. 0.02 min

Lab File: BN003538.D

Acq: 14 Nov 2018 21:52

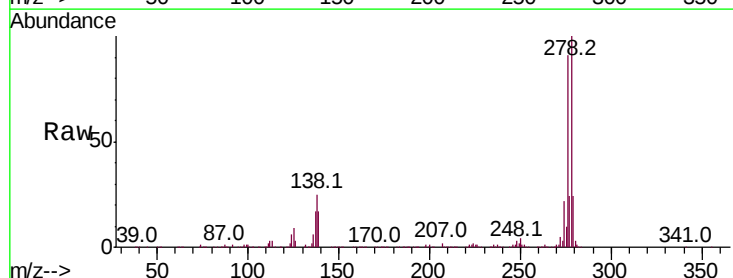
Tgt Ion:276 Resp: 2981402

Ion Ratio Lower Upper

276 100

138 27.6 19.8 29.8

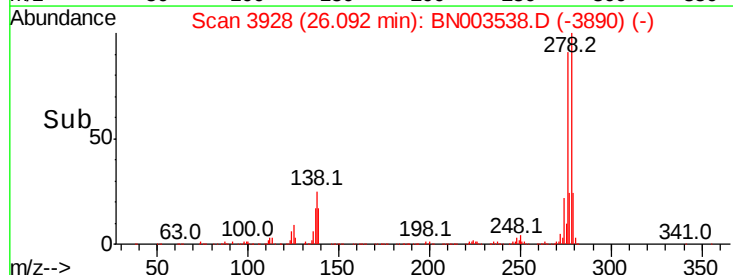
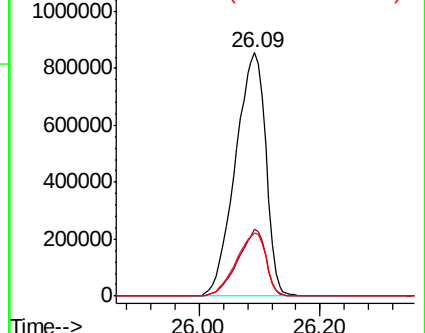
277 26.1 20.1 30.1

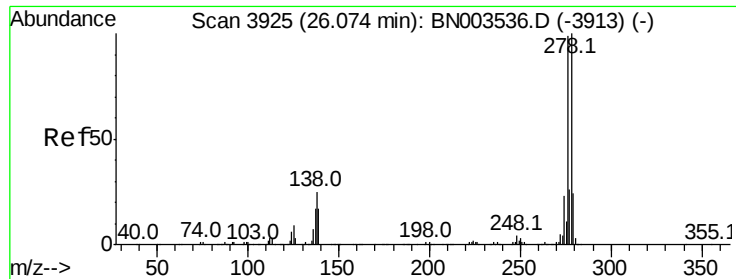


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 75.411 ng/ul

RT: 26.10 min Scan# 3929

Delta R.T. 0.02 min

Lab File: BN003538.D

Acq: 14 Nov 2018 21:52

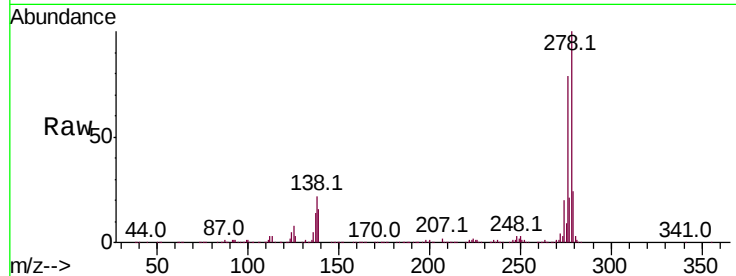
Instrument :

BNA_N

ClientSampled :

Tot Ion:278 Resp: 2554858

Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.3	19.9
279	23.7	18.8	28.2

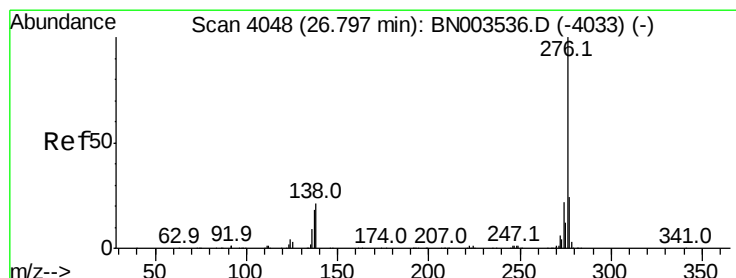
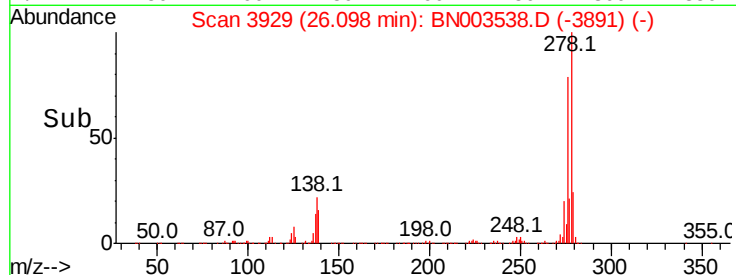
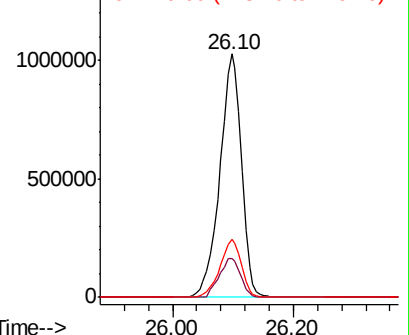


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#93

Benzo(g,h,i)perylene

Concen: 77.488 ng/ul

RT: 26.82 min Scan# 4051

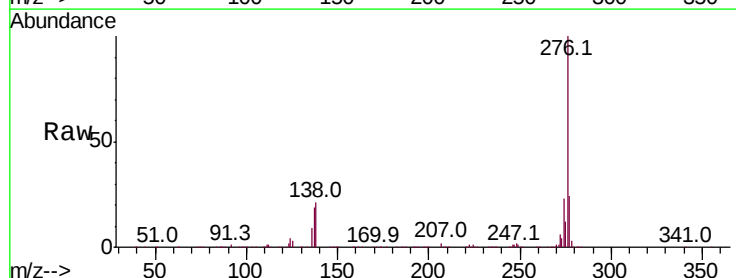
Delta R.T. 0.02 min

Lab File: BN003538.D

Acq: 14 Nov 2018 21:52

Tgt Ion:276 Resp: 2588572

Ion	Ratio	Lower	Upper
276	100		
138	21.5	17.2	25.8
277	24.1	19.0	28.6



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

