

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021319\
 Data File : BN004387.D
 Acq On : 13 Feb 2019 11:45
 Operator : JU/SJ
 Sample : MDL-S-01
 Misc : 1PPM/4PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-01

Quant Time: Feb 14 16:37:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 14 07:13:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	23866	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	113076	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	73573	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	182349	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	247865	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	287516	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	2580	6.50	ng/uL	0.00
5) Phenol-d5	6.90	99	53891	25.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	29813	27.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	48325	28.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	46692	25.54	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	22272	29.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	23109	29.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	48533	27.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	68915	35.17	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	183195	29.36	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	219425	29.69	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	29048	24.32	ng/ul	0.00
58) Fluorene-d10	15.38	176	162974	29.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	24037	22.60	ng/ul	0.00
71) Anthracene-d10	17.23	188	264829	30.30	ng/ul	0.00
79) Pyrene-d10	19.53	212	324959	29.25	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	408200	27.05	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.29	88	633	1.296	ng/uL# 24
4) Benzaldehyde	6.90	77	2888	2.365	ng/ul 91
6) Phenol	6.93	94	6960	3.277	ng/ul 98
8) Bis(2-Chloroethyl)ether	7.18	93	5497	3.618	ng/ul 99
10) 2-Chlorophenol	7.31	128	6171	3.593	ng/ul 97
11) 2-Methylphenol	8.18	108	4902	2.886	ng/ul 93
12) 2,2'-oxybis(1-Chloropropan	8.26	45	3290	1.827	ng/ul 97
14) Acetophenone	8.57	105	8906	3.269	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.55	70	3271	2.799	ng/ul# 95
16) 4-Methylphenol	8.50	108	6069	3.228	ng/ul 99
17) Hexachloroethane	8.82	117	2103	3.498	ng/ul 90
20) Nitrobenzene	8.95	77	6156	3.759	ng/ul 97
21) Isophorone	9.46	82	10163	3.029	ng/ul 98
23) 2-Nitrophenol	9.65	139	3240	3.696	ng/ul 92
24) 2,4-Dimethylphenol	9.70	107	6855	3.467	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.95	93	7280	3.344	ng/ul 98
27) 2,4-Dichlorophenol	10.18	162	6442	3.683	ng/ul 95
28) Naphthalene	10.59	128	22717	3.897	ng/ul 100
30) 4-Chloroaniline	10.70	127	6658	3.395	ng/ul 92
31) Hexachlorobutadiene	10.86	225	4456	3.940	ng/ul 93
32) Caprolactam	11.48	113	798	1.351	ng/ul 97
33) 4-Chloro-3-methylphenol	11.81	107	5500	2.915	ng/ul 98
34) 2-Methylnaphthalene	12.20	142	16920	3.783	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	16481	3.737	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	9713	3.966	ng/ul	98
38) Hexachlorocyclopentadiene	12.53	237	4800	3.152	ng/ul	98
39) 2,4,6-Trichlorophenol	12.80	196	4156	2.872	ng/ul	99
40) 2,4,5-Trichlorophenol	12.87	196	4803	2.954	ng/ul	99
41) 1,1'-Biphenyl	13.22	154	22593	3.801	ng/ul	98
42) 2-Chloronaphthalene	13.26	162	17654	3.818	ng/ul	99
43) 2-Nitroaniline	13.47	65	2200	2.331	ng/ul	96
45) Dimethylphthalate	13.85	163	23039	3.735	ng/ul	99
46) 2,6-Dinitrotoluene	13.97	165	2811	2.585	ng/ul	97
48) Acenaphthylene	14.11	152	26866	3.828	ng/ul	98
49) 3-Nitroaniline	14.30	138	2261	2.037	ng/ul#	95
50) Acenaphthene	14.45	153	19371	3.831	ng/ul	99
51) 2,4-Dinitrophenol	14.50	184	1219	1.802	ng/ul	93
53) 4-Nitrophenol	14.59	109	2906	3.272	ng/ul	91
54) Dibenzofuran	14.79	168	28733	3.929	ng/ul	98
55) 2,4-Dinitrotoluene	14.75	165	4841	2.838	ng/ul#	99
56) 2,3,4,6-Tetrachlorophenol	15.00	232	4543	3.063	ng/ul#	98
57) Diethylphthalate	15.21	149	19963	3.280	ng/ul	98
59) Fluorene	15.43	166	23202	3.915	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.43	204	12523	3.993	ng/ul	99
61) 4-Nitroaniline	15.46	138	2812	1.947	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.51	198	3468	3.102	ng/ul#	86
65) N-Nitrosodiphenylamine	15.65	169	19060	3.650	ng/ul	100
66) 4-Bromophenyl-phenylether	16.33	248	7511	3.686	ng/ul	97
67) Hexachlorobenzene	16.43	284	8832	3.701	ng/ul	97
68) Atrazine	16.59	200	5520	2.744	ng/ul	98
69) Pentachlorophenol	16.77	266	3232	2.323	ng/ul	98
70) Phenanthrene	17.17	178	39316	3.886	ng/ul	99
72) Anthracene	17.27	178	39211	3.850	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	9745	3.896	ng/uL	97
74) Pentachlorobenzene	14.70	250	10585	3.959	ng/uL	98
75) Carbazole	17.54	167	31713	3.485	ng/ul	100
76) Di-n-butylphthalate	18.10	149	26124	2.615	ng/ul	99
77) Fluoranthene	19.20	202	45062	3.618	ng/ul	99
80) Pvrene	19.56	202	51882	3.785	ng/ul	99
81) Butylbenzylphthalate	20.47	149	10292	2.185	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.26	252	9993	1.922	ng/ul	98
83) Benzo(a)anthracene	21.32	228	55650	3.643	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.25	149	15274	2.163	ng/ul	98
85) Chrysene	21.37	228	55366	3.818	ng/ul	100
87) Di-n-octyl phthalate	22.13	149	28738	2.088	ng/ul	100
88) Benzo(b)fluoranthene	22.92	252	61590	3.617	ng/ul	99
89) Benzo(k)fluoranthene	22.96	252	61077	3.690	ng/ul	99
91) Benzo(a)pyrene	23.50	252	63980	3.851	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.89	276	79223	3.755	ng/ul	96
93) Dibenzo(a,h)anthracene	25.91	278	66700	3.800	ng/ul	99
94) Benzo(a,h,i)perylene	26.60	276	68011	3.846	ng/ul	98

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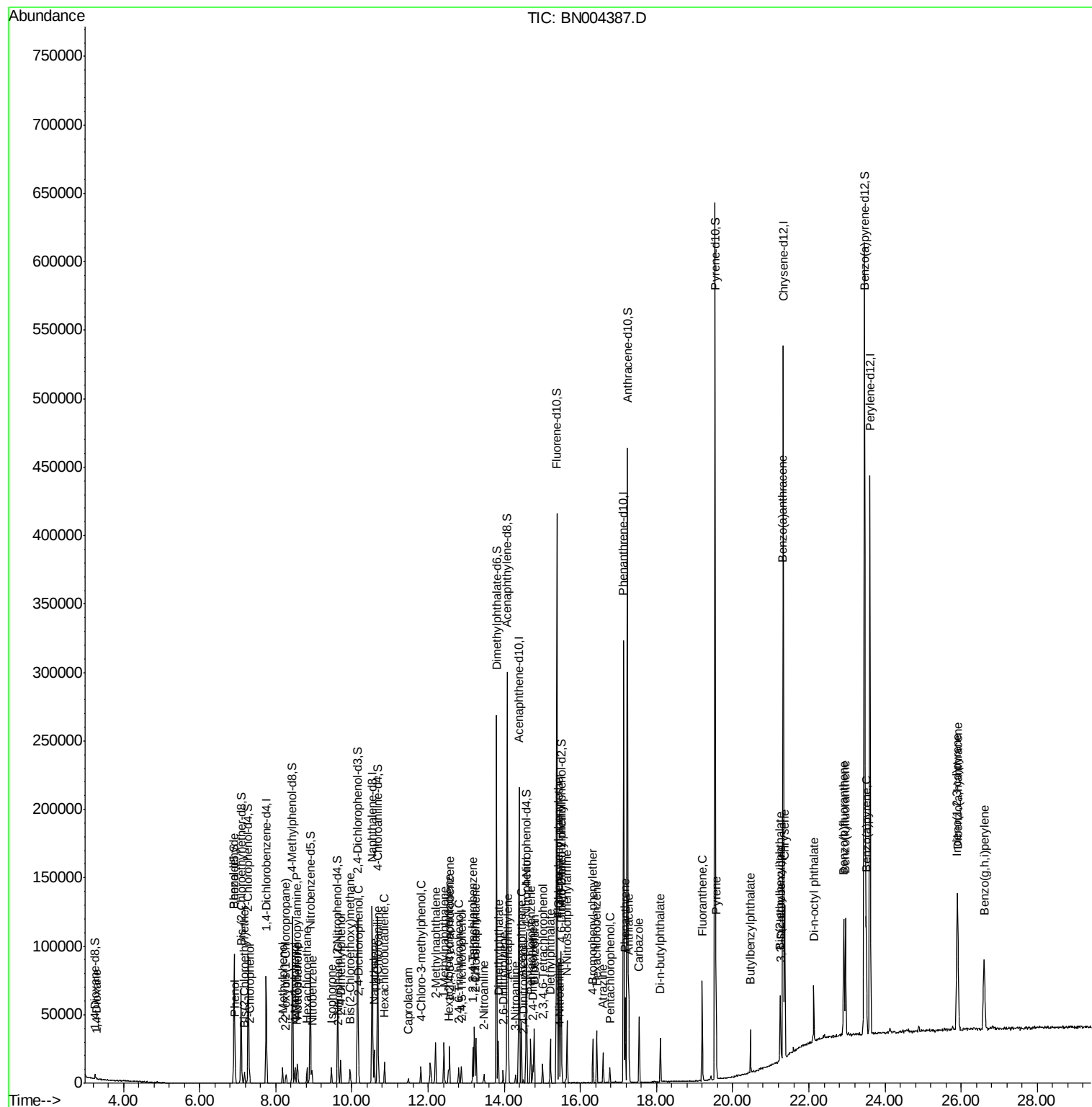
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

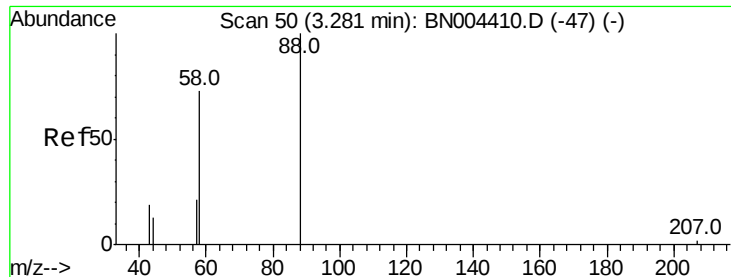
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#2

1,4-Dioxane

Concen: 1.296 ng/uL

RT: 3.29 min Scan# 51

Delta R.T. 0.01 min

Lab File: BN004387.D

Acq: 13 Feb 2019 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-S-01

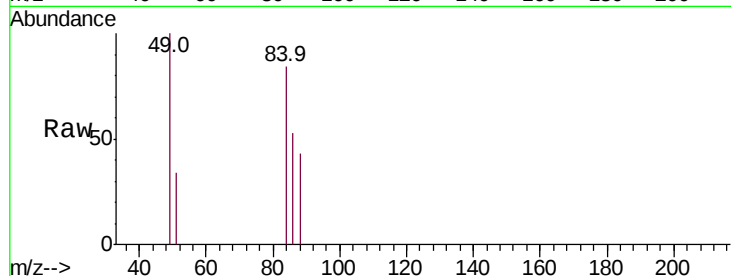
Tot Ion: 88 Resp: 633

Ion Ratio Lower Upper

88 100

43 0.0 25.6 38.4#

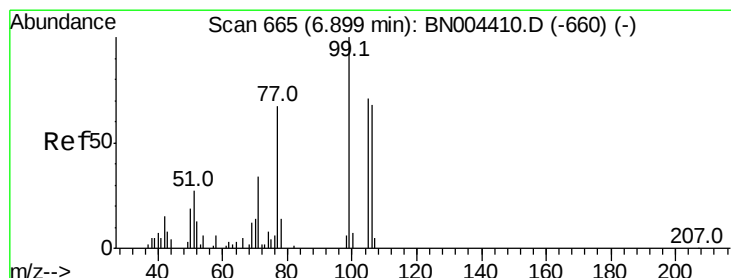
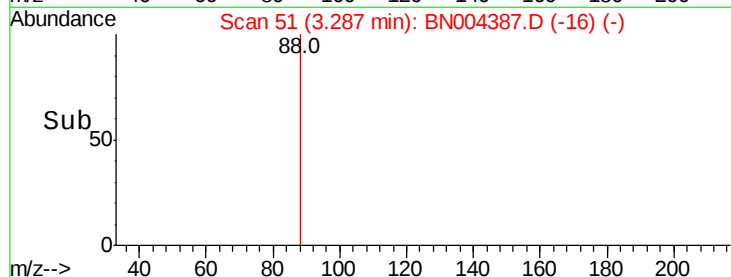
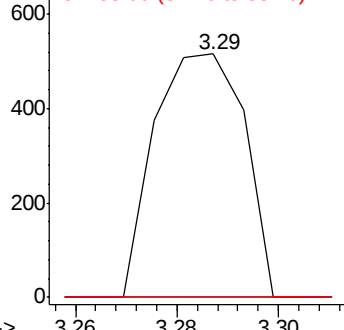
58 0.0 54.6 82.0#



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: 2.365 ng/uL

RT: 6.90 min Scan# 665

Delta R.T. -0.00 min

Lab File: BN004387.D

Acq: 13 Feb 2019 11:45

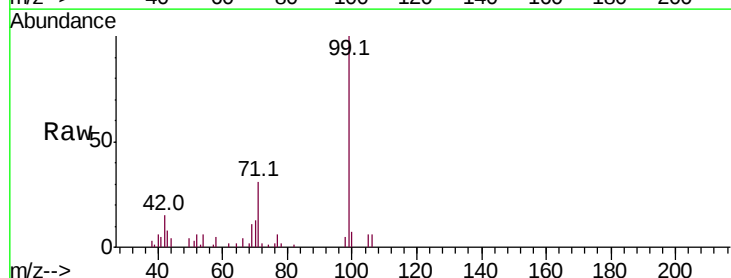
Tgt Ion: 77 Resp: 2888

Ion Ratio Lower Upper

77 100

105 98.6 85.4 128.0

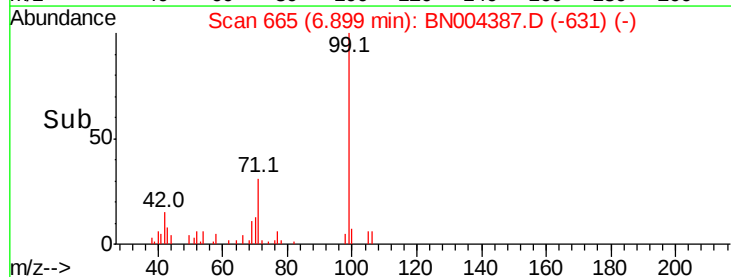
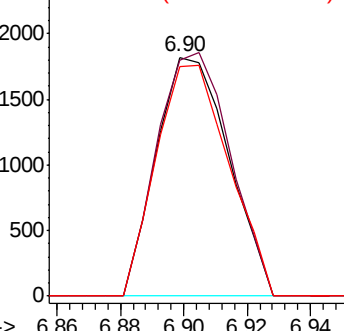
106 96.1 84.8 127.2

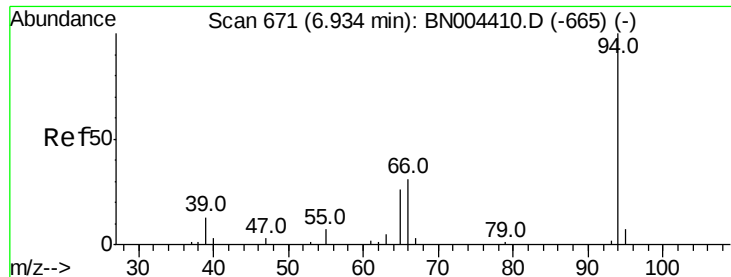


Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





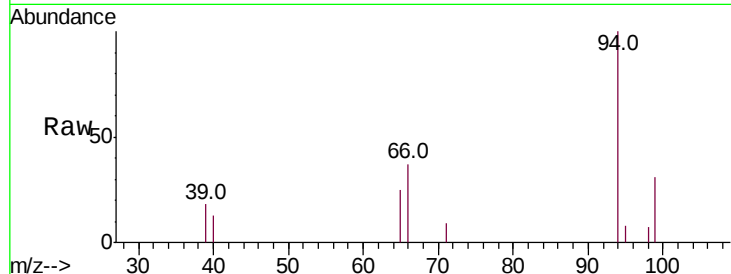
#6

Phenol

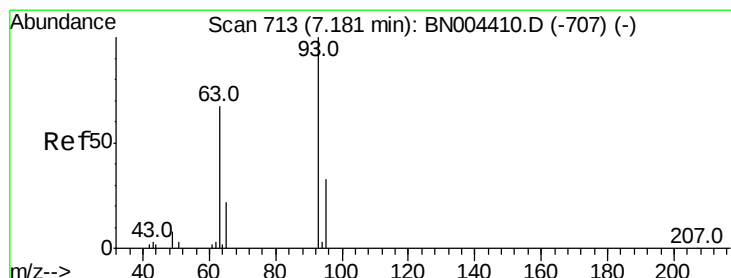
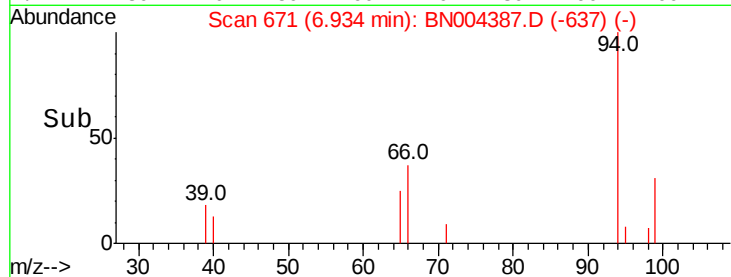
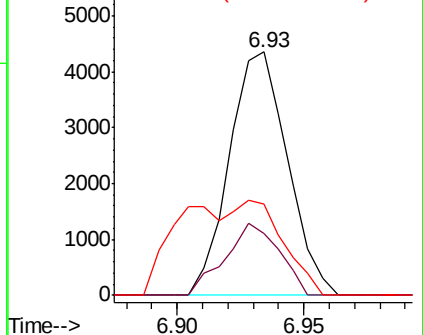
Concen: 3.277 ng/ul
 RT: 6.93 min Scan# 671
 Delta R.T. -0.00 min
 Lab File: BN004387.D
 Acq: 13 Feb 2019 11:45

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-01

Tot Ion: 94 Resp: 6960
 Ion Ratio Lower Upper
 94 100
 65 25.5 20.2 30.4
 66 37.5 28.2 42.2



Abundance Ion 94.00 (93.70 to 94.70): BN0
 Ion 65.00 (64.70 to 65.70): BN0
 Ion 66.00 (65.70 to 66.70): BN0

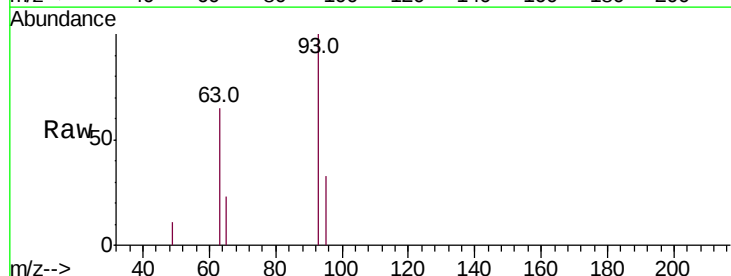


#8

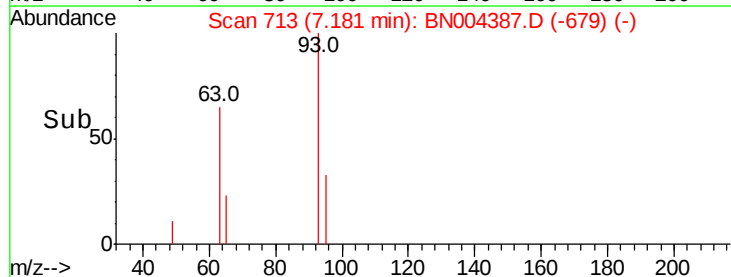
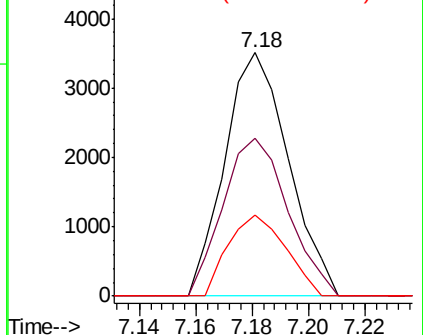
Bis(2-Chloroethyl)ether

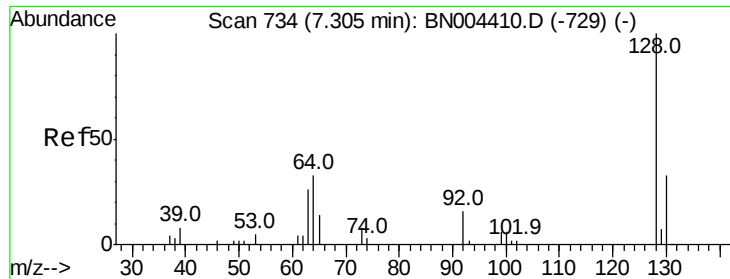
Concen: 3.618 ng/ul
 RT: 7.18 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BN004387.D
 Acq: 13 Feb 2019 11:45

Tgt Ion: 93 Resp: 5497
 Ion Ratio Lower Upper
 93 100
 63 65.0 52.8 79.2
 95 33.4 25.9 38.9



Abundance Ion 93.00 (92.70 to 93.70): BN0
 Ion 63.00 (62.70 to 63.70): BN0
 Ion 95.00 (94.70 to 95.70): BN0

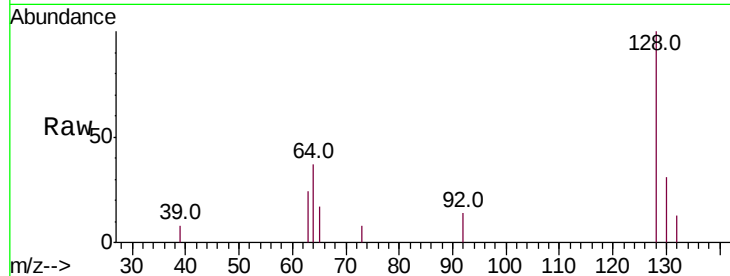




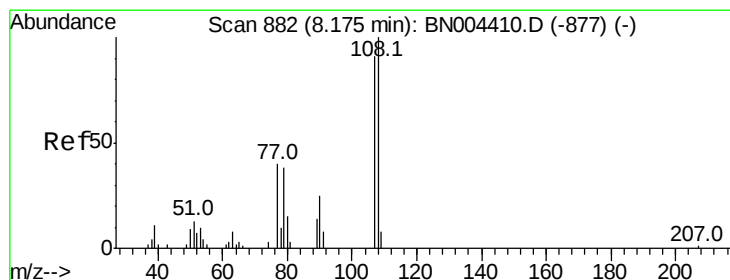
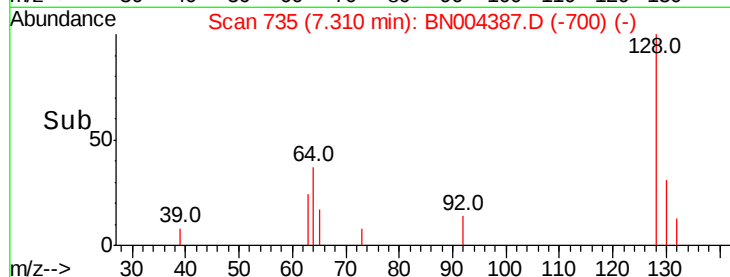
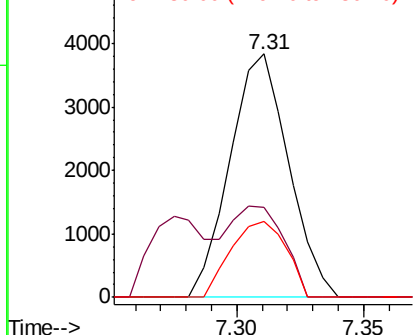
#10
2-Chlorophenol
Concen: 3.593 ng/ul
RT: 7.31 min Scan# 735
Delta R.T. 0.01 min
Lab File: BN004387.D
Acq: 13 Feb 2019 11:45

Instrument :
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Tot Ion:128 Resp: 6171
Ion Ratio Lower Upper
128 100
64 37.0 31.0 46.6
130 31.1 26.1 39.1

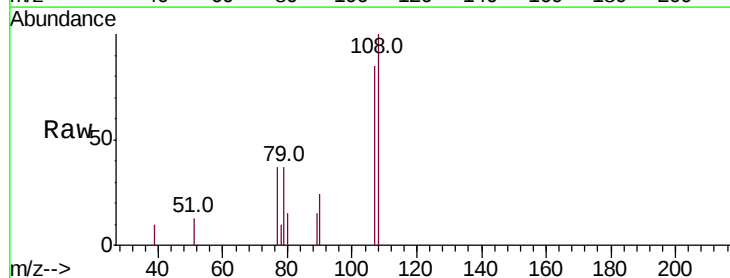


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 130.00 (129.70 to 130.70): E

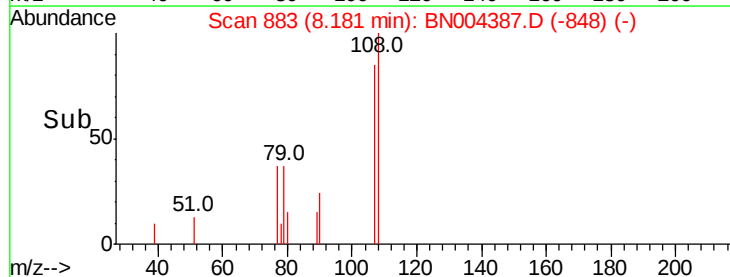
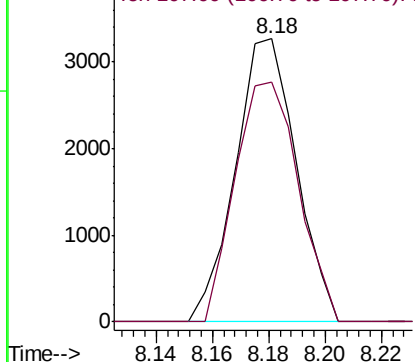


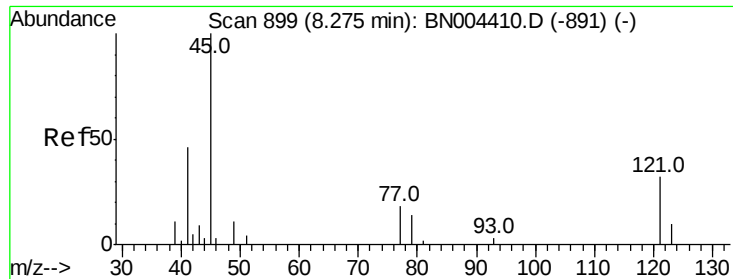
#11
2-Methylphenol
Concen: 2.886 ng/ul
RT: 8.18 min Scan# 883
Delta R.T. 0.01 min
Lab File: BN004387.D
Acq: 13 Feb 2019 11:45

Tgt Ion:108 Resp: 4902
Ion Ratio Lower Upper
108 100
107 84.6 72.7 109.1



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

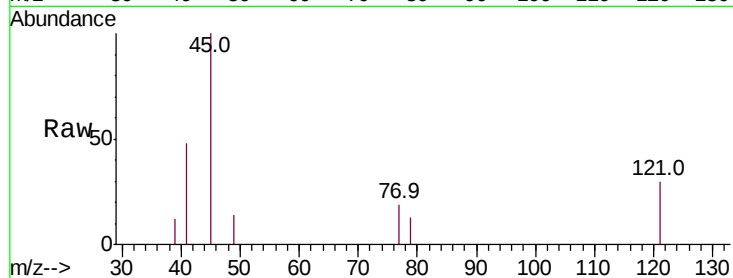




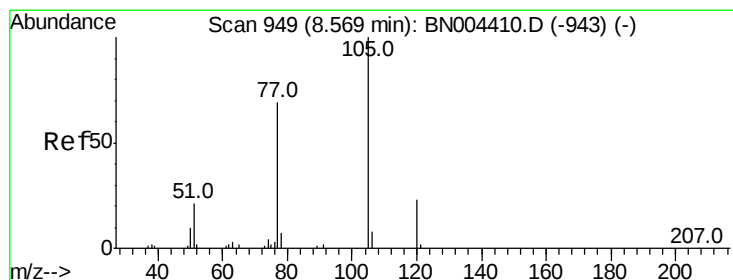
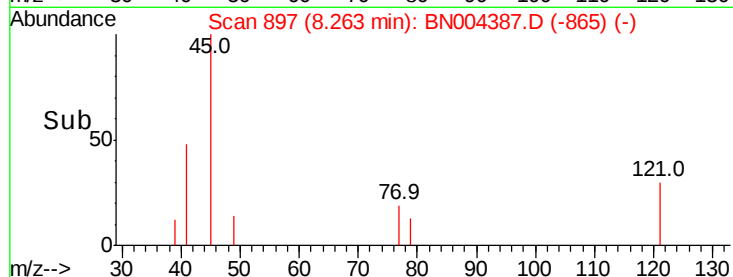
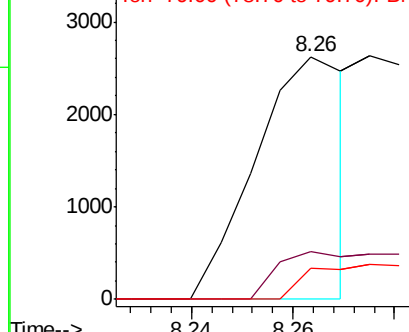
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 1.827 ng/ul
RT: 8.26 min Scan# 897
Delta R.T. -0.01 min
Lab File: BN004387.D
Acq: 13 Feb 2019 11:45

Instrument :
BNA_N
ClientSampleId :
MDL-S-01

Tot Ion: 45 Resp: 3290
Ion Ratio Lower Upper
45 100
77 19.5 14.1 21.1
79 12.7 10.8 16.2

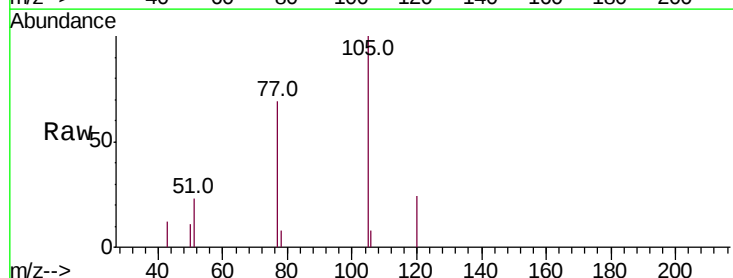


Abundance Ion 45.00 (44.70 to 45.70): BNC
Ion 77.00 (76.70 to 77.70): BNC
Ion 79.00 (78.70 to 79.70): BNC

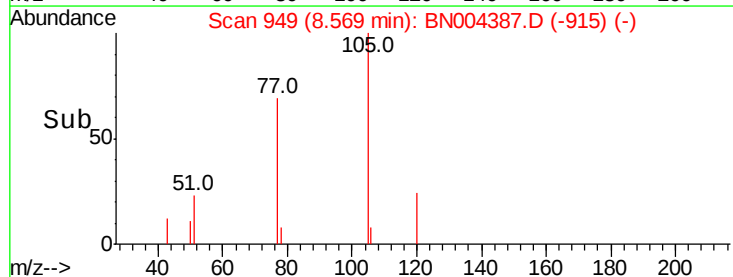
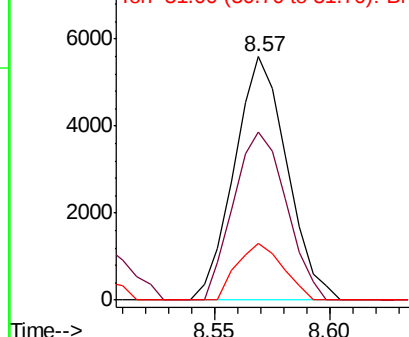


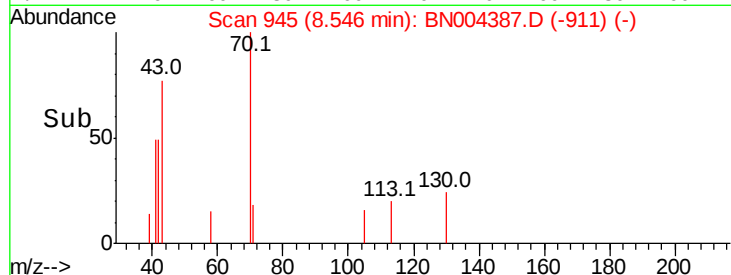
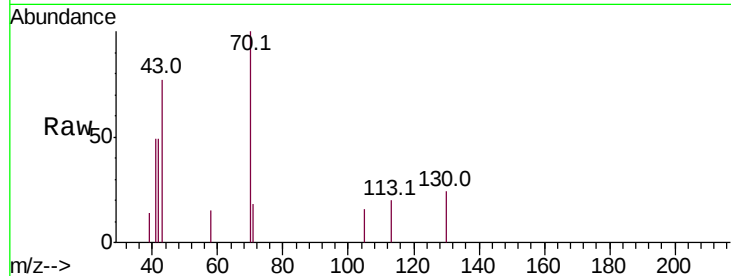
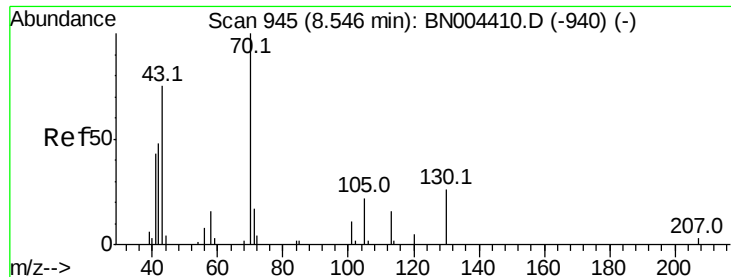
#14
Acetophenone
Concen: 3.269 ng/ul
RT: 8.57 min Scan# 949
Delta R.T. -0.00 min
Lab File: BN004387.D
Acq: 13 Feb 2019 11:45

Tgt Ion: 105 Resp: 8906
Ion Ratio Lower Upper
105 100
77 69.0 56.1 84.1
51 23.2 17.2 25.8



Abundance Ion 105.00 (104.70 to 105.70): BNC
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: 2.799 ng/ul

RT: 8.55 min Scan# 945

Delta R.T. -0.00 min

Lab File: BN004387.D

Acq: 13 Feb 2019 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-S-01

Tot Ion: 70 Resp: 3271

Ion Ratio Lower Upper

70 100

42 49.3 38.6 58.0

101 0.0 8.4 12.6#

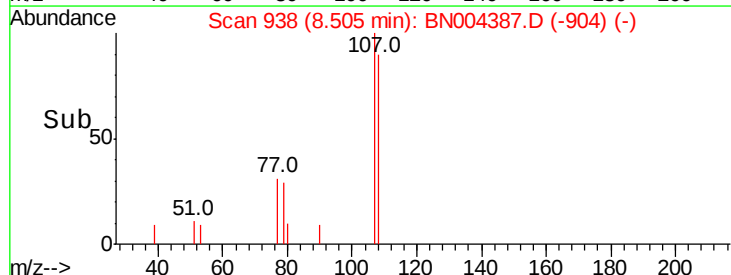
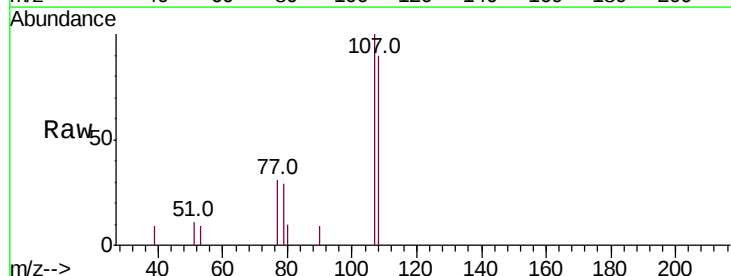
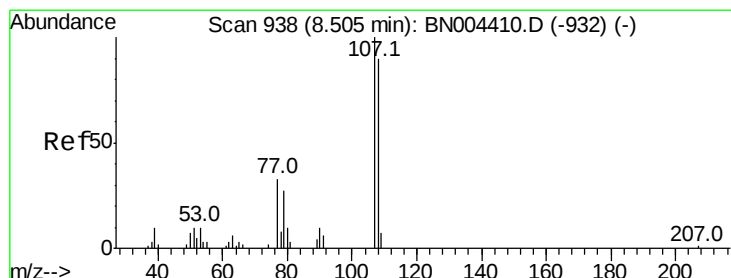
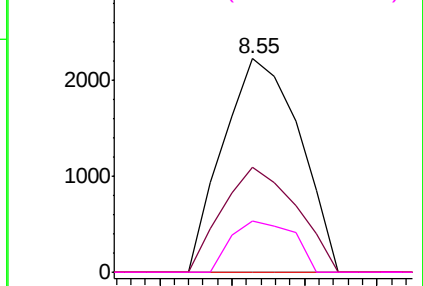
130 23.7 19.9 29.9

Abundance Ion 70.00 (69.70 to 70.70): BN004410.D (-940) (-)

Ion 42.00 (41.70 to 42.70): BN004410.D (-940) (-)

Ion 101.00 (100.70 to 101.70): BN004410.D (-940) (-)

Ion 130.00 (129.70 to 130.70): BN004410.D (-940) (-)



#16

4-Methylphenol

Concen: 3.228 ng/ul

RT: 8.50 min Scan# 938

Delta R.T. -0.00 min

Lab File: BN004387.D

Acq: 13 Feb 2019 11:45

Tgt Ion: 108 Resp: 6069

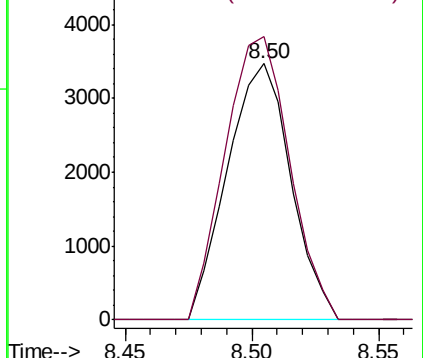
Ion Ratio Lower Upper

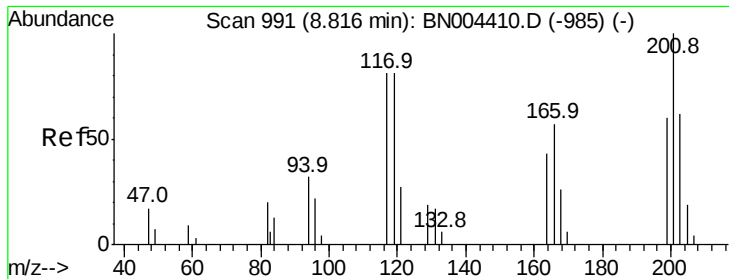
108 100

107 110.5 87.8 131.6

Abundance Ion 108.00 (107.70 to 108.70): BN004410.D (-932) (-)

Ion 107.00 (106.70 to 107.70): BN004410.D (-932) (-)

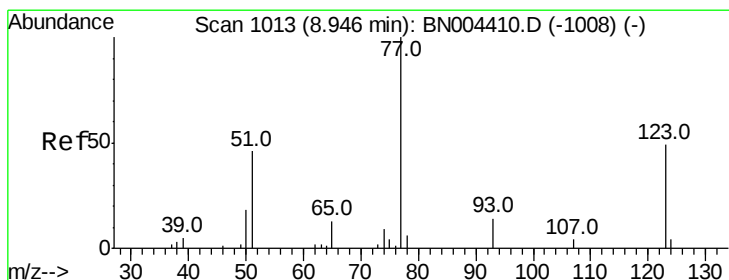
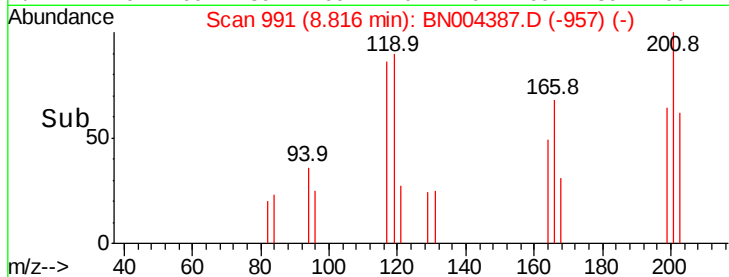
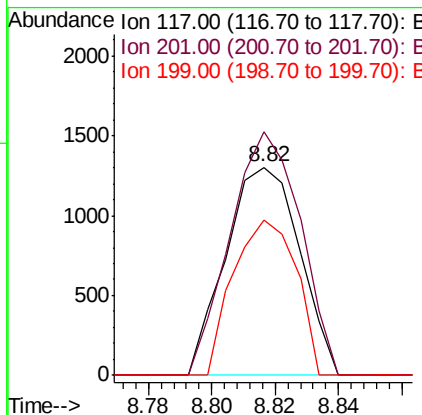
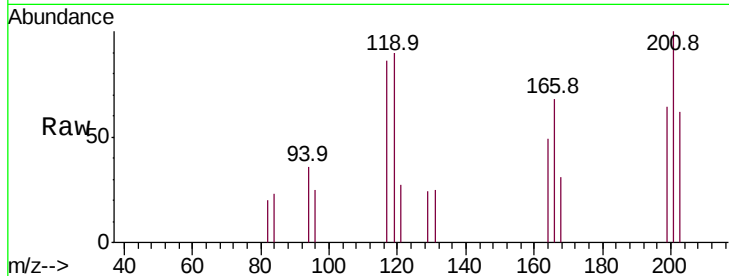




#17
 Hexachloroethane
 Concen: 3.498 ng/ul
 RT: 8.82 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BN004387.D
 Acq: 13 Feb 2019 11:45

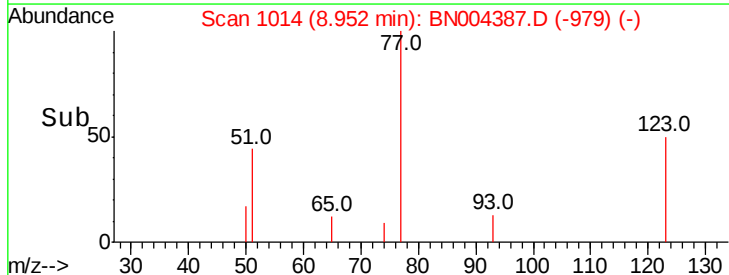
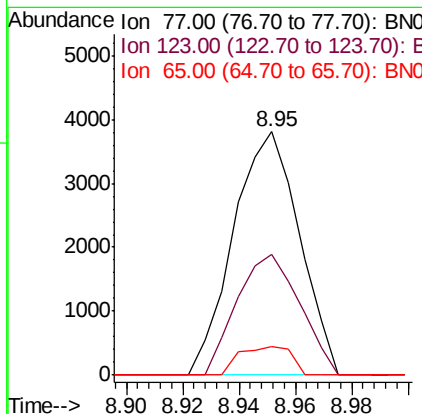
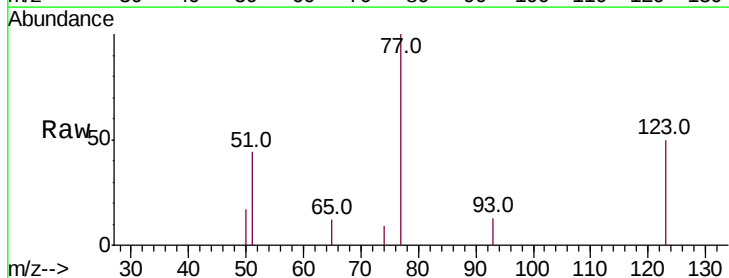
Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-01

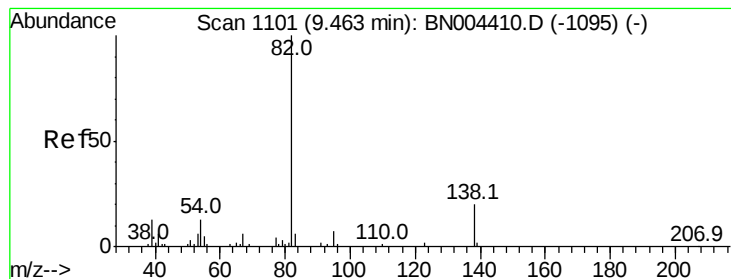
Tot Ion: 117 Resp: 2103
 Ion Ratio Lower Upper
 117 100
 201 116.9 85.0 127.6
 199 74.4 53.8 80.8



#20
 Nitrobenzene
 Concen: 3.759 ng/ul
 RT: 8.95 min Scan# 1014
 Delta R.T. 0.01 min
 Lab File: BN004387.D
 Acq: 13 Feb 2019 11:45

Tgt Ion: 77 Resp: 6156
 Ion Ratio Lower Upper
 77 100
 123 49.7 41.6 62.4
 65 11.8 10.2 15.4





#21

Isophorone

Concen: 3.029 ng/ul

RT: 9.46 min Scan# 1101

Delta R.T. -0.00 min

Lab File: BN004387.D

Acq: 13 Feb 2019 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-S-01

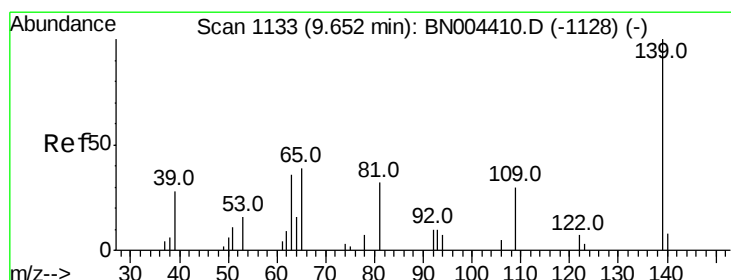
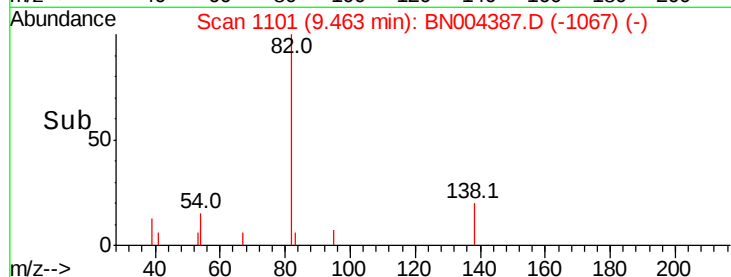
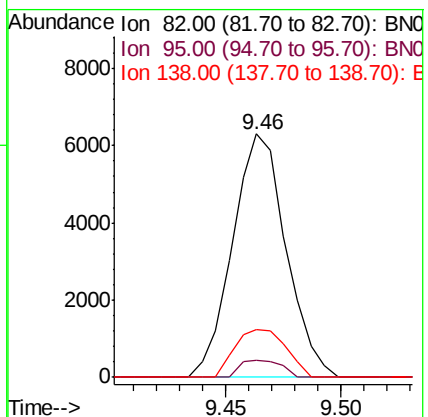
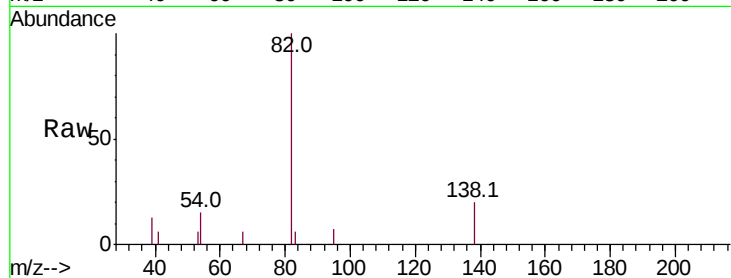
Tot Ion: 82 Resp: 10163

Ion Ratio Lower Upper

82 100

95 7.0 6.2 9.4

138 19.7 16.5 24.7



#23

2-Nitrophenol

Concen: 3.696 ng/ul

RT: 9.65 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BN004387.D

Acq: 13 Feb 2019 11:45

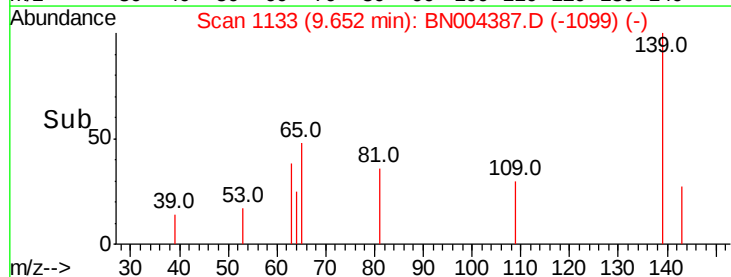
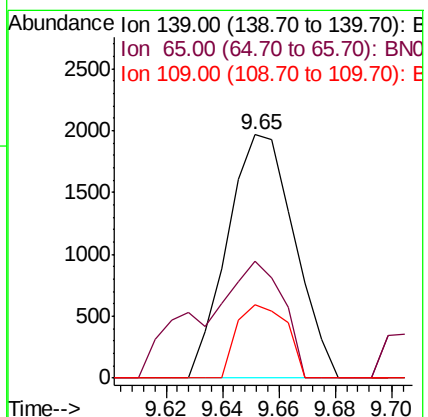
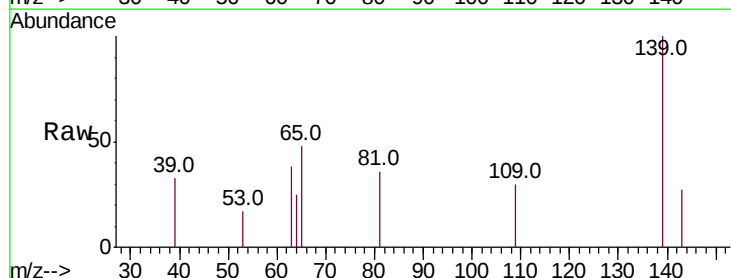
Tgt Ion: 139 Resp: 3240

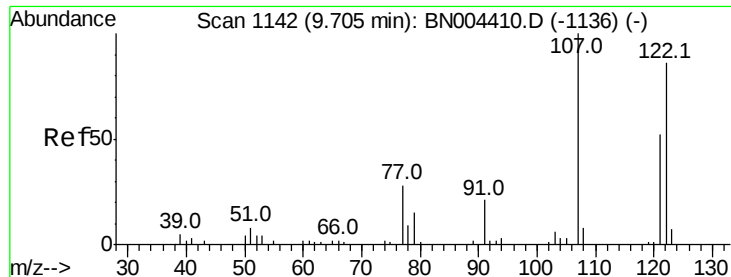
Ion Ratio Lower Upper

139 100

65 47.8 32.7 49.1

109 30.2 22.8 34.2





#24

2,4-Dimethylphenol

Concen: 3.467 ng/ul

RT: 9.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BN004387.D

Acq: 13 Feb 2019 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-S-01

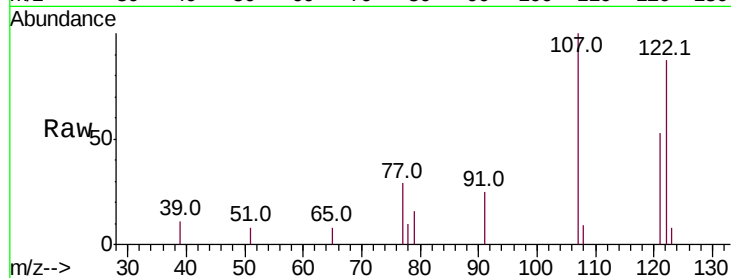
Tot Ion:107 Resp: 6855

Ion Ratio Lower Upper

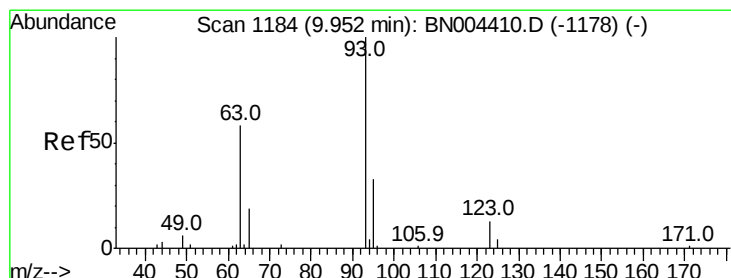
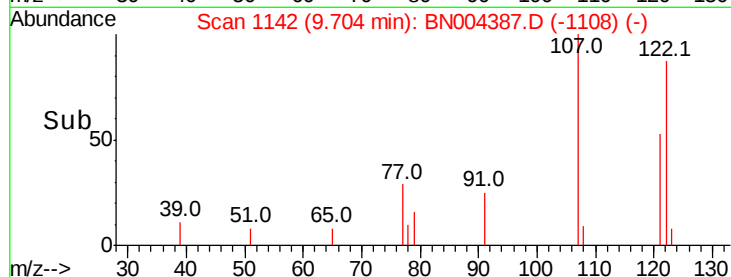
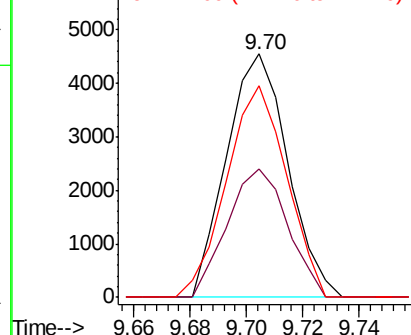
107 100

121 52.6 41.5 62.3

122 87.1 69.0 103.4



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: 3.344 ng/ul

RT: 9.95 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BN004387.D

Acq: 13 Feb 2019 11:45

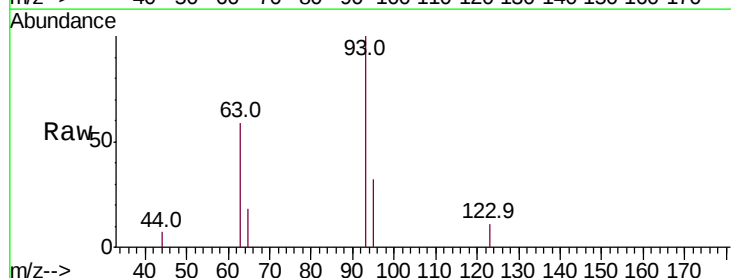
Tgt Ion: 93 Resp: 7280

Ion Ratio Lower Upper

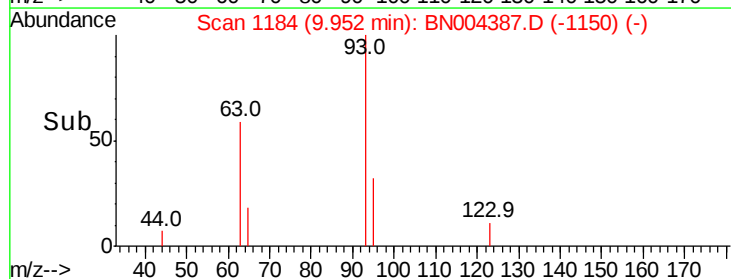
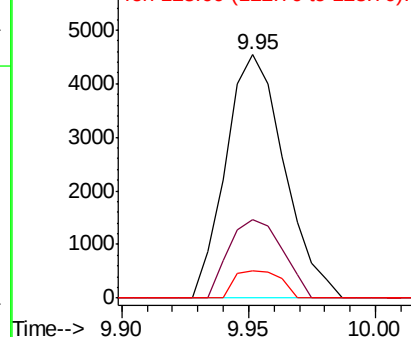
93 100

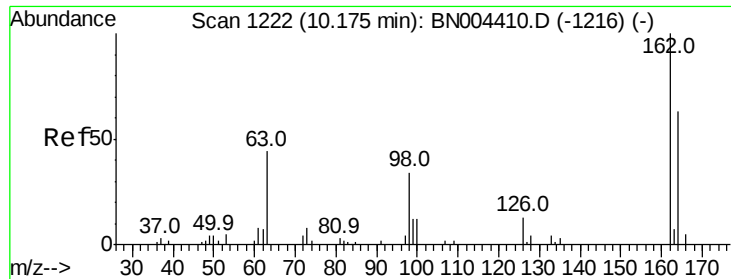
95 32.0 26.2 39.4

123 11.4 10.0 15.0



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

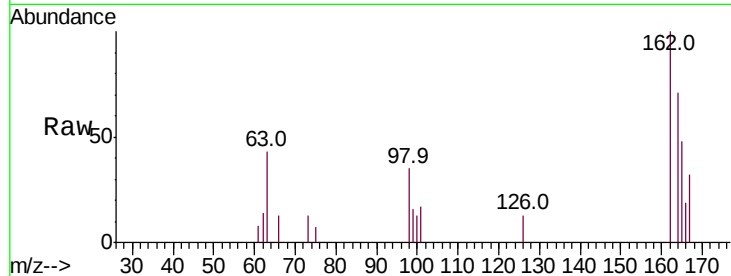




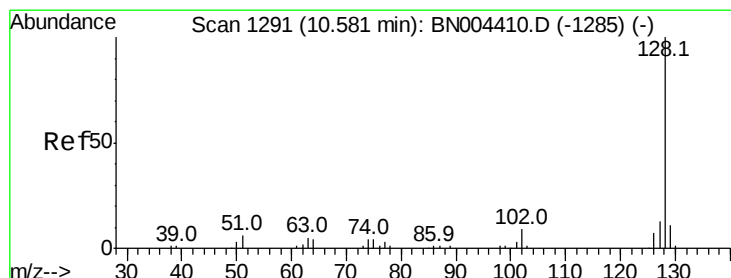
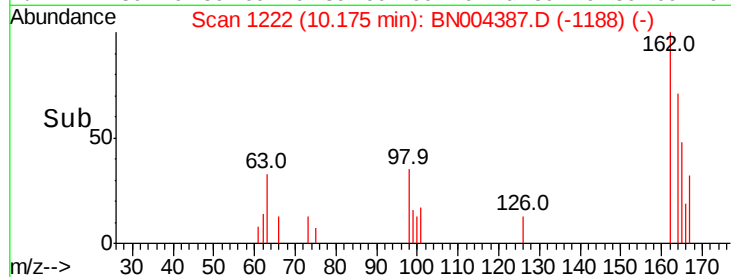
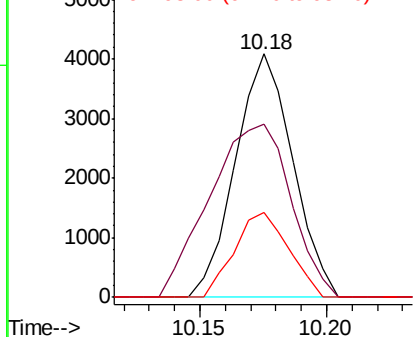
#27
 2,4-Dichlorophenol
 Concen: 3.683 ng/ul
 RT: 10.18 min Scan# 1222
 Delta R.T. -0.00 min
 Lab File: BN004387.D
 Acq: 13 Feb 2019 11:45

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-01

Tot Ion:162 Resp: 6442
 Ion Ratio Lower Upper
 162 100
 164 71.0 53.0 79.4
 98 34.7 27.0 40.4

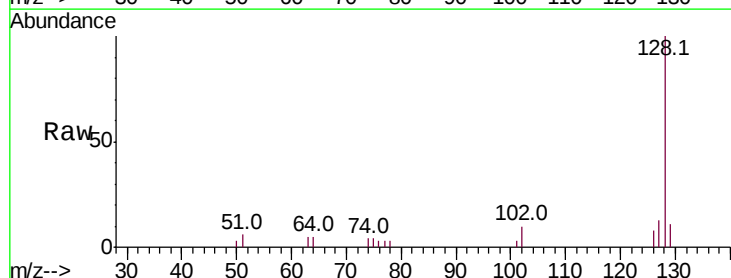


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BNC

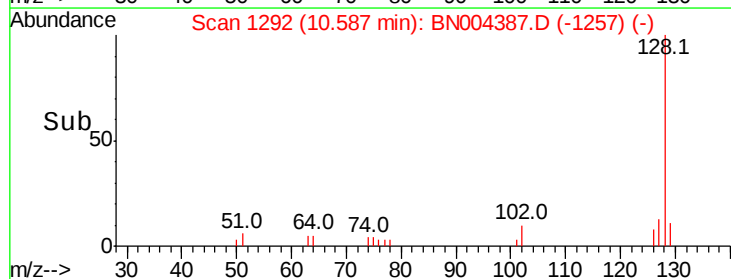
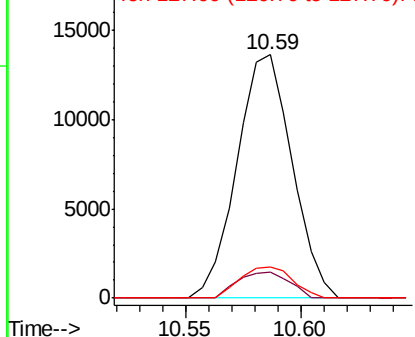


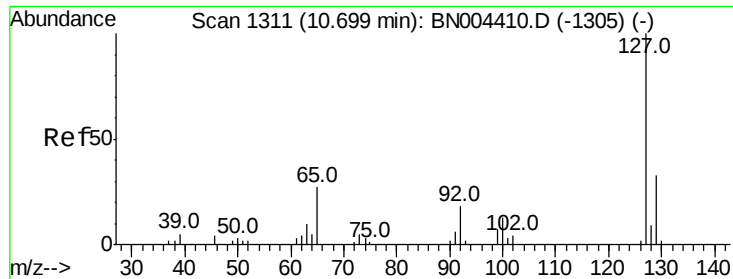
#28
 Naphthalene
 Concen: 3.897 ng/ul
 RT: 10.59 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: BN004387.D
 Acq: 13 Feb 2019 11:45

Tgt Ion:128 Resp: 22717
 Ion Ratio Lower Upper
 128 100
 129 10.7 8.7 13.1
 127 12.9 10.2 15.4



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

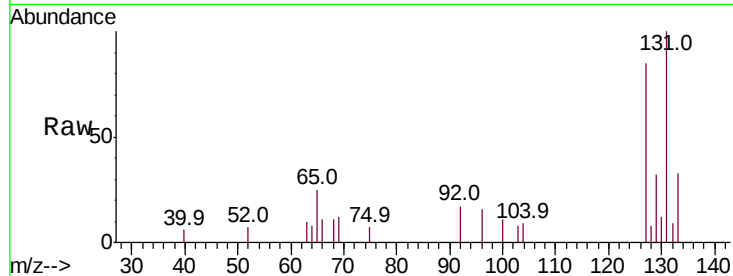




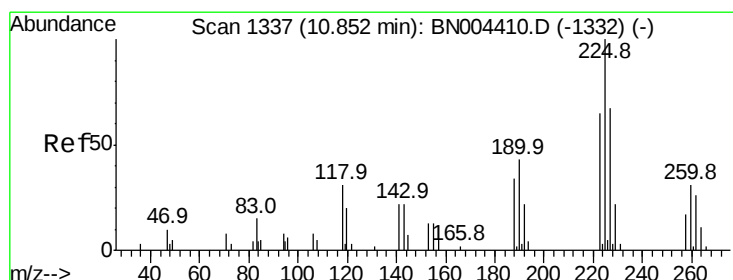
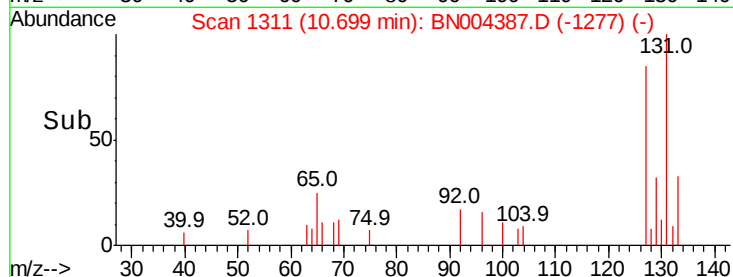
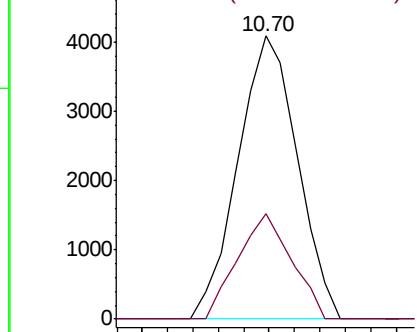
#30
4-Chloroaniline
Concen: 3.395 ng/ul
RT: 10.70 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BN004387.D
Acq: 13 Feb 2019 11:45

Instrument :
BNA_N
ClientSampleId :
MDL-S-01

Tot Ion:127 Resp: 6658
Ion Ratio Lower Upper
127 100
129 37.2 26.1 39.1

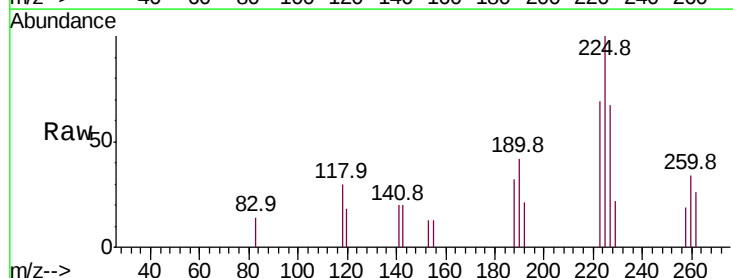


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E

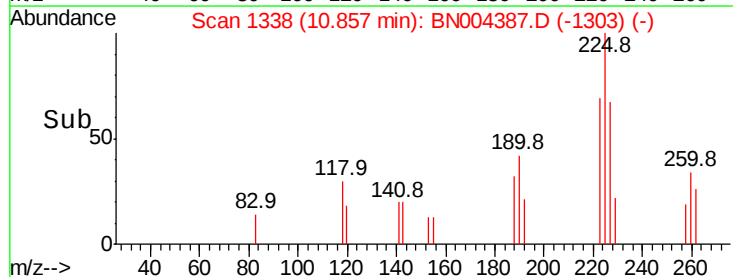
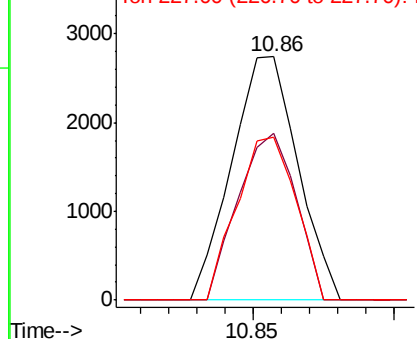


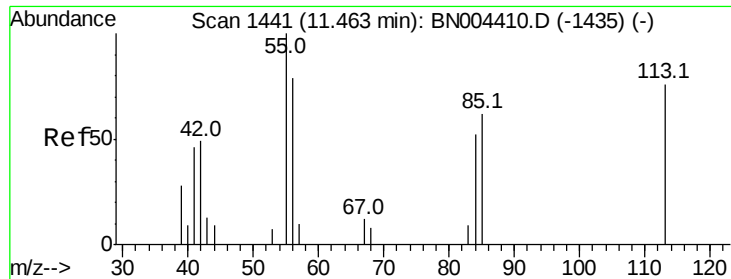
#31
Hexachlorobutadiene
Concen: 3.940 ng/ul
RT: 10.86 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BN004387.D
Acq: 13 Feb 2019 11:45

Tgt Ion:225 Resp: 4456
Ion Ratio Lower Upper
225 100
223 68.5 49.8 74.6
227 66.8 50.2 75.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#32

Caprolactam

Concen: 1.351 ng/ul

RT: 11.48 min Scan# 1444

Delta R.T. 0.02 min

Lab File: BN004387.D

Acq: 13 Feb 2019 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-S-01

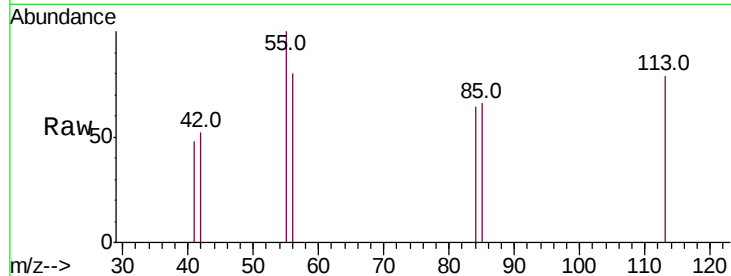
Tot Ion:113 Resp: 798

Ion Ratio Lower Upper

113 100

55 125.9 100.7 151.1

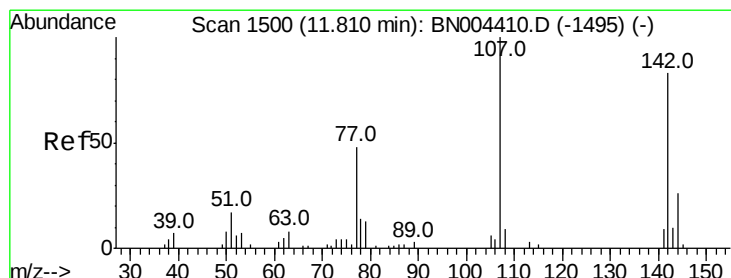
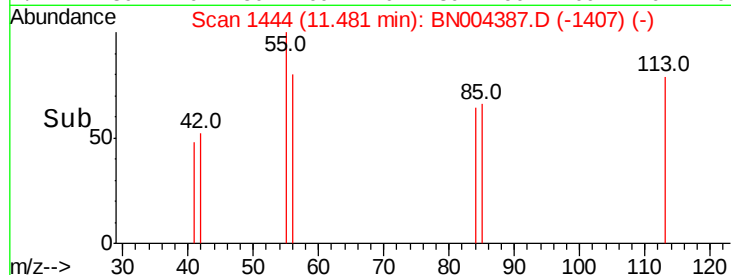
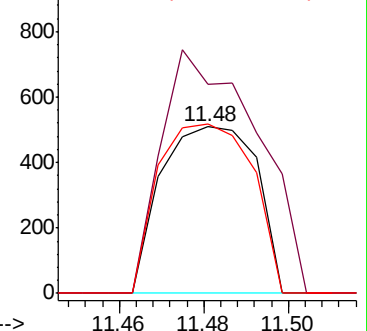
56 101.4 76.1 114.1



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: 2.915 ng/ul

RT: 11.81 min Scan# 1500

Delta R.T. -0.00 min

Lab File: BN004387.D

Acq: 13 Feb 2019 11:45

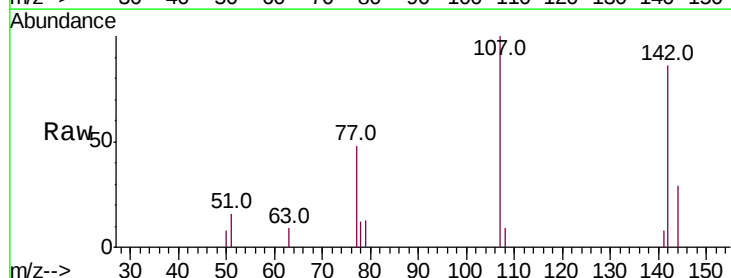
Tgt Ion:107 Resp: 5500

Ion Ratio Lower Upper

107 100

144 28.9 22.2 33.4

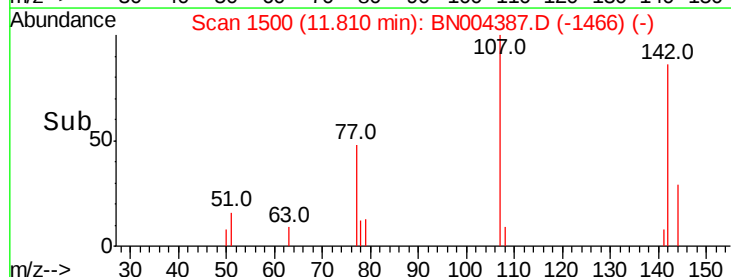
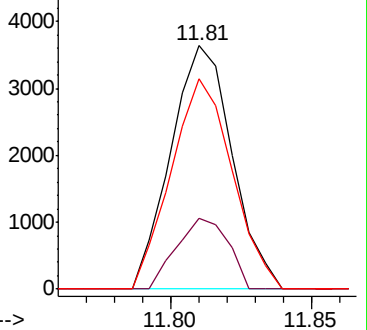
142 86.4 67.4 101.0

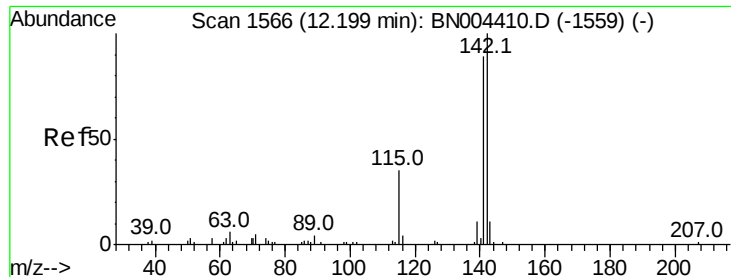


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

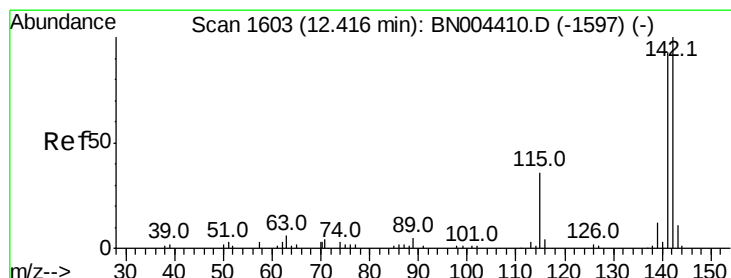
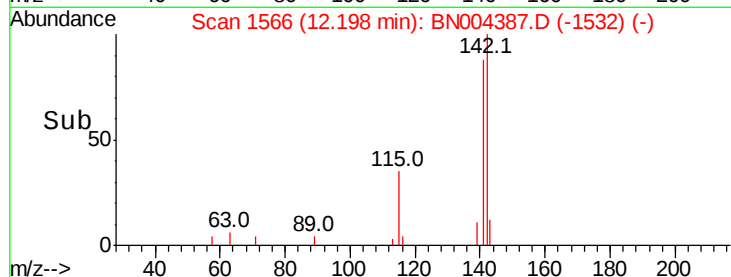
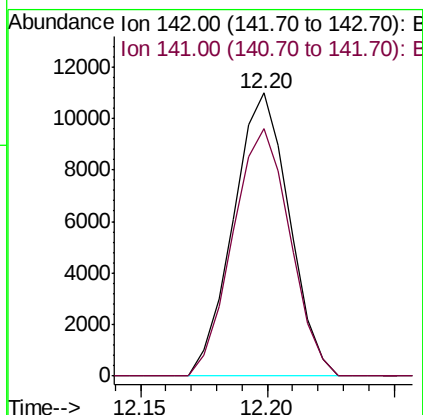
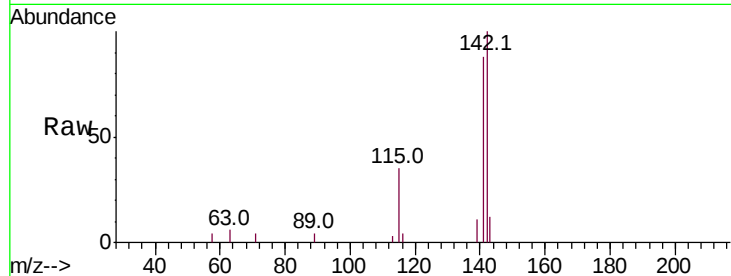




#34
 2-Methylnaphthalene
 Concen: 3.783 ng/ul
 RT: 12.20 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: BN004387.D
 Acq: 13 Feb 2019 11:45

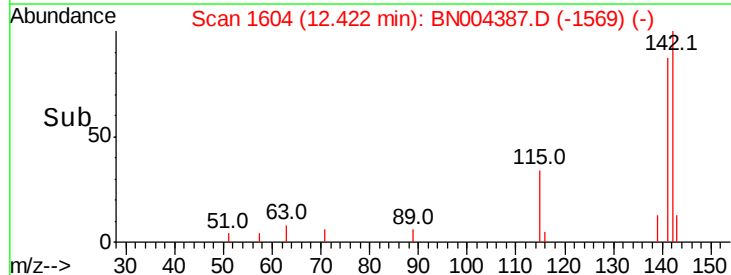
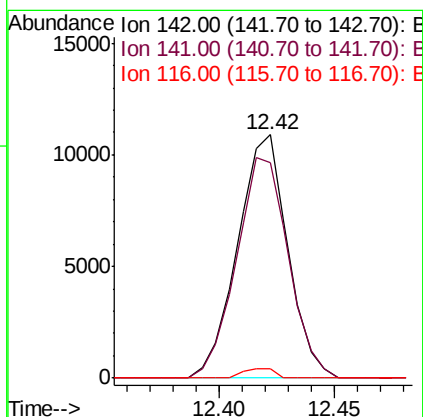
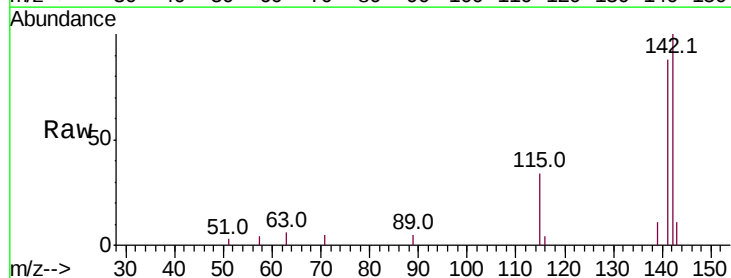
Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-01

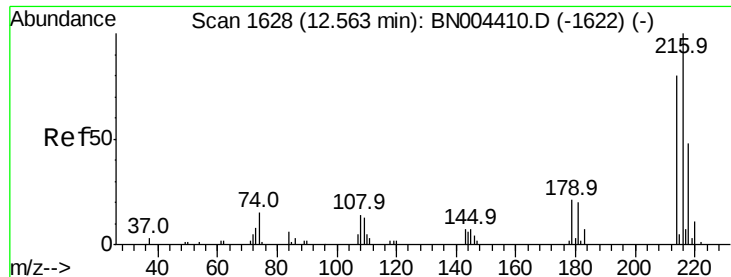
Tot Ion:142 Resp: 16920
 Ion Ratio Lower Upper
 142 100
 141 87.7 71.0 106.6



#35
 1-Methylnaphthalene
 Concen: 3.737 ng/ul
 RT: 12.42 min Scan# 1604
 Delta R.T. 0.01 min
 Lab File: BN004387.D
 Acq: 13 Feb 2019 11:45

Tgt Ion:142 Resp: 16481
 Ion Ratio Lower Upper
 142 100
 141 88.3 74.9 112.3
 116 3.8 3.1 4.7

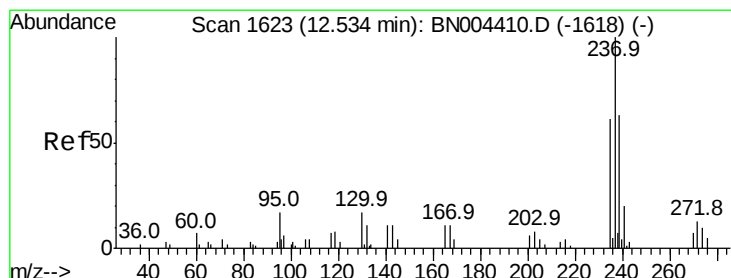
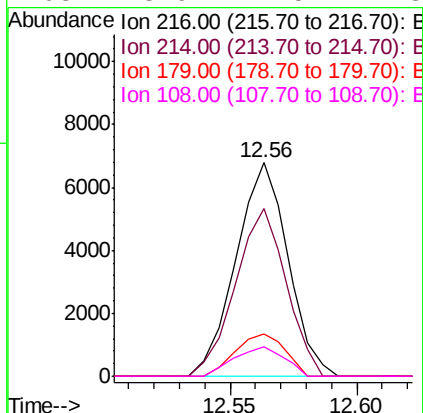
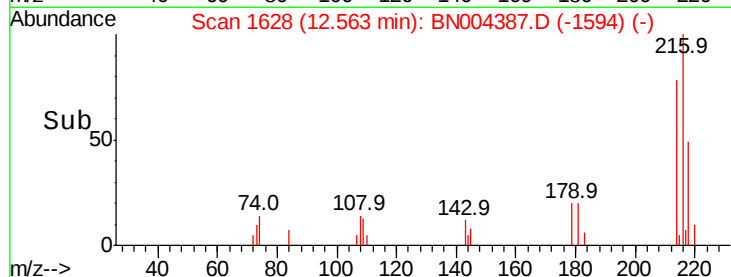
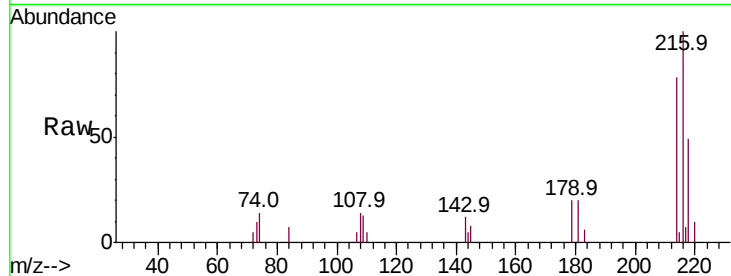




#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.966 ng/ul
 RT: 12.56 min Scan# 1628
 Delta R.T. -0.00 min
 Lab File: BN004387.D
 Acq: 13 Feb 2019 11:45

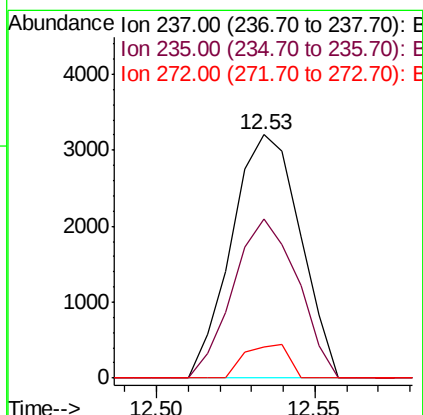
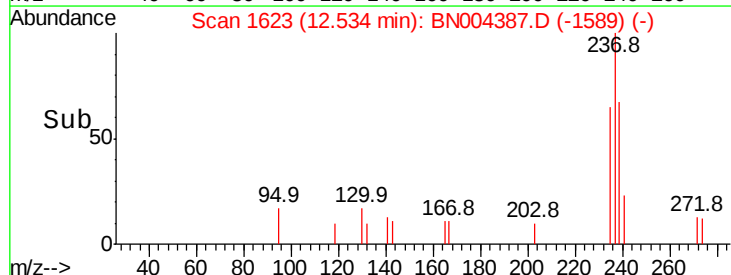
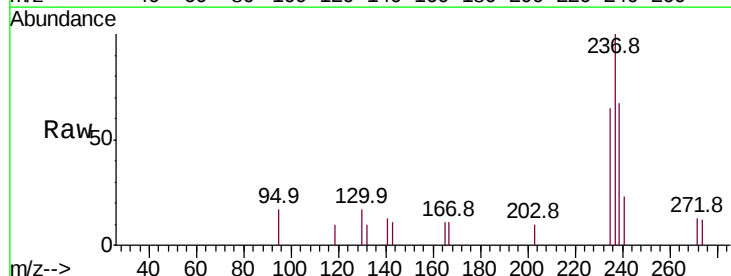
Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-01

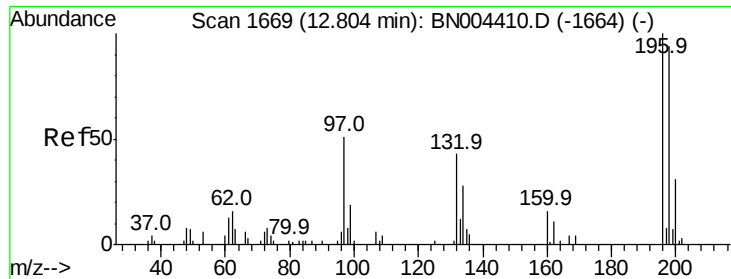
Tot Ion:	216	Resp:	9713
Ion	Ratio	Lower	Upper
216	100		
214	78.5	60.9	91.3
179	19.8	16.2	24.4
108	13.9	11.5	17.3



#38
 Hexachlorocyclopentadiene
 Concen: 3.152 ng/ul
 RT: 12.53 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BN004387.D
 Acq: 13 Feb 2019 11:45

Tgt Ion:	237	Resp:	4800
Ion	Ratio	Lower	Upper
237	100		
235	65.3	50.8	76.2
272	12.7	10.4	15.6

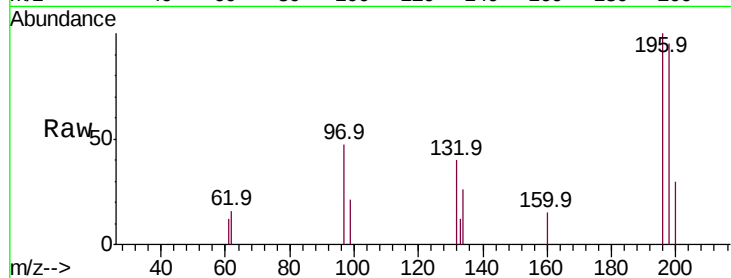




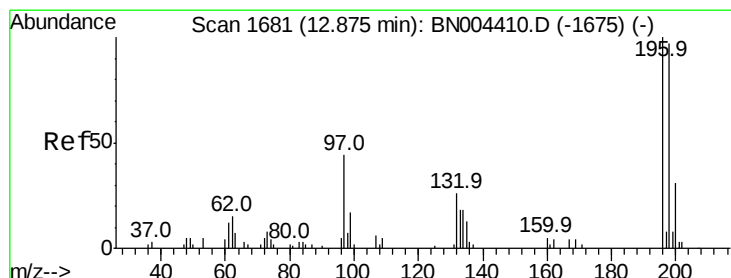
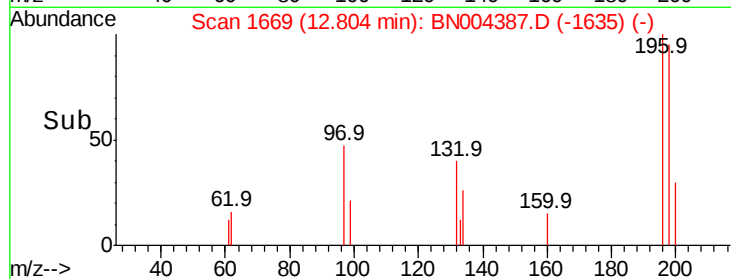
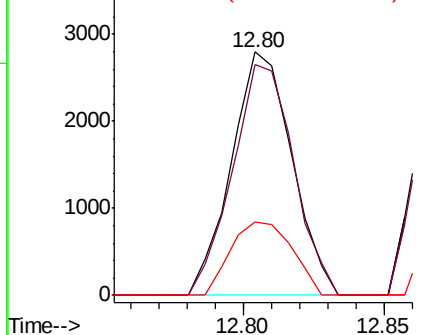
#39
 2,4,6-Trichlorophenol
 Concen: 2.872 ng/ul
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.00 min
 Lab File: BN004387.D
 Acq: 13 Feb 2019 11:45

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-01

Tot Ion:196 Resp: 4156
 Ion Ratio Lower Upper
 196 100
 198 94.6 76.6 115.0
 200 30.3 24.5 36.7

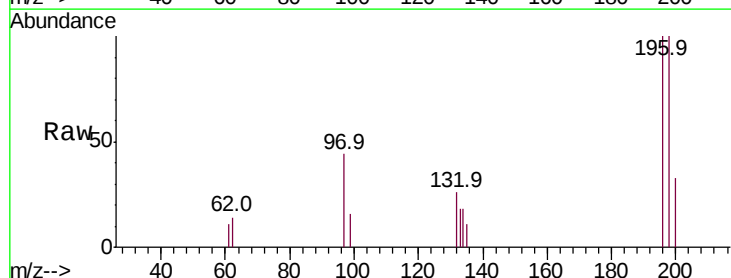


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

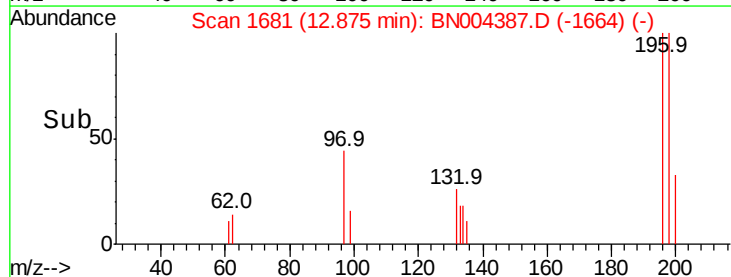
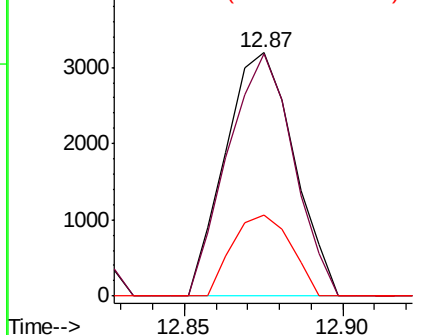


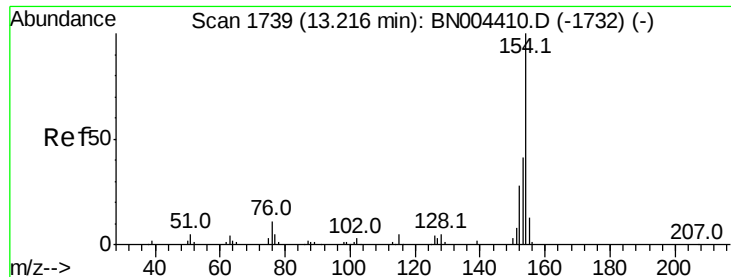
#40
 2,4,5-Trichlorophenol
 Concen: 2.954 ng/ul
 RT: 12.87 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: BN004387.D
 Acq: 13 Feb 2019 11:45

Tgt Ion:196 Resp: 4803
 Ion Ratio Lower Upper
 196 100
 198 99.6 79.9 119.9
 200 33.3 25.9 38.9



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

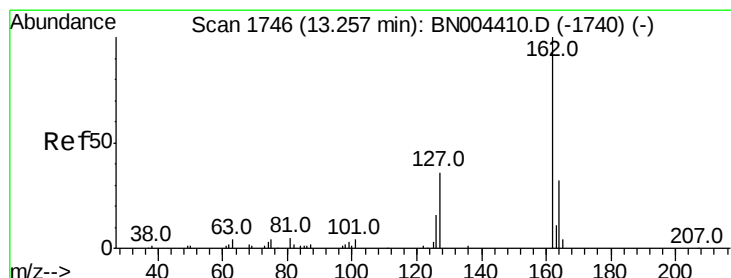
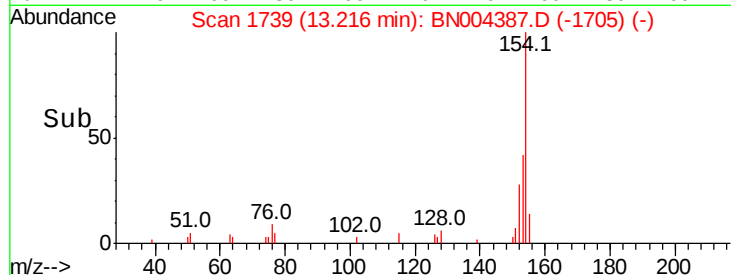
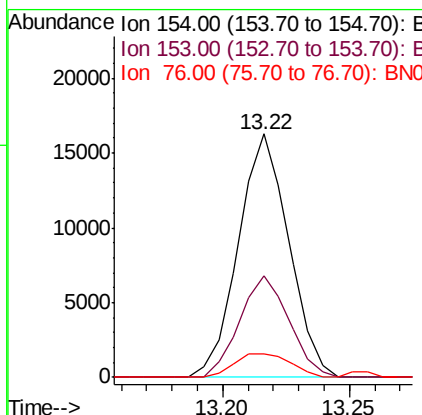
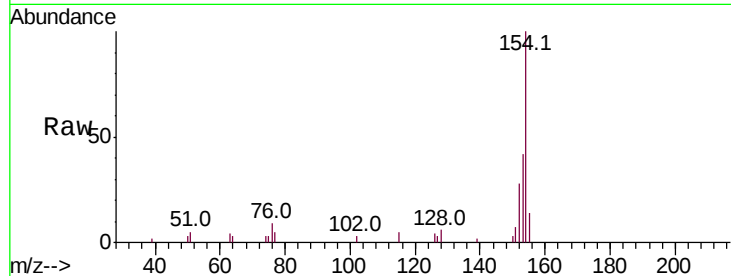




#41
 1,1'-Biphenyl
 Concen: 3.801 ng/ul
 RT: 13.22 min Scan# 1739
 Delta R.T. -0.00 min
 Lab File: BN004387.D
 Acq: 13 Feb 2019 11:45

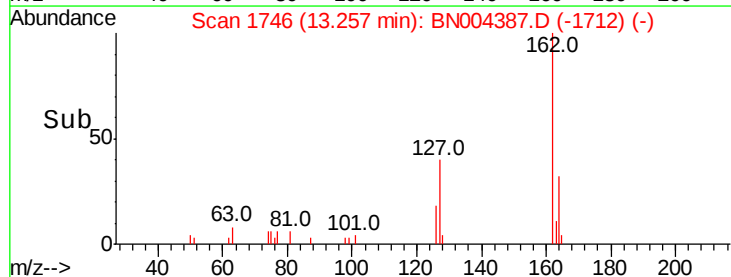
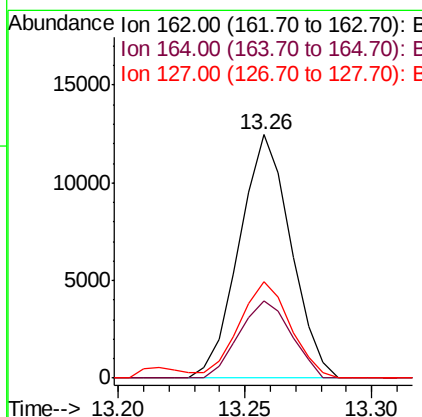
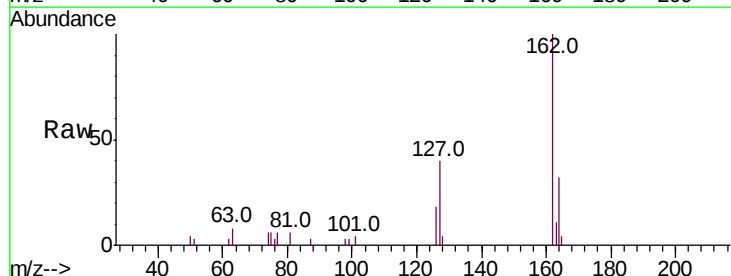
Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-01

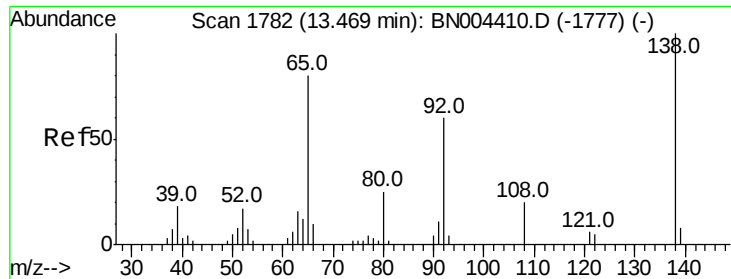
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.6	32.6	48.8
76	9.5	9.2	13.8



#42
 2-Chloronaphthalene
 Concen: 3.818 ng/ul
 RT: 13.26 min Scan# 1746
 Delta R.T. -0.00 min
 Lab File: BN004387.D
 Acq: 13 Feb 2019 11:45

Tgt Ion	Ratio	Lower	Upper
162	100		
164	31.8	26.4	39.6
127	39.5	31.8	47.6

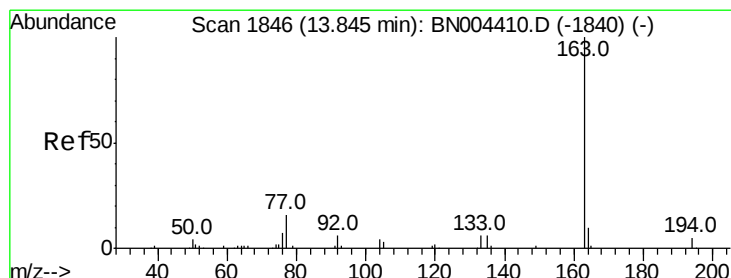
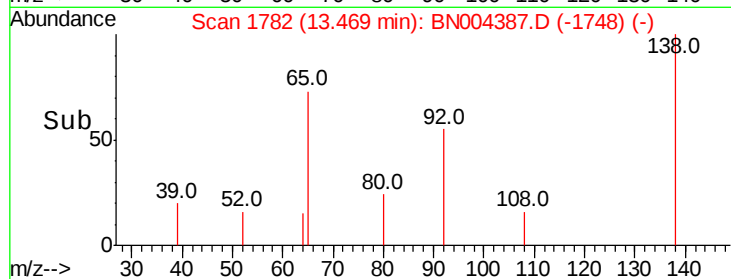
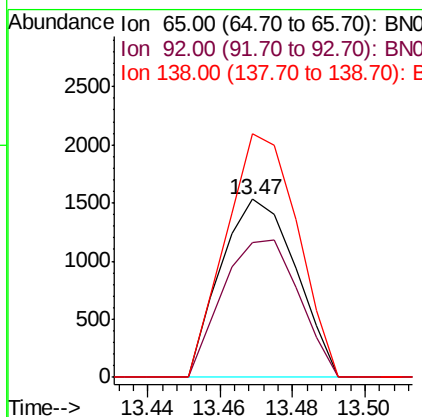
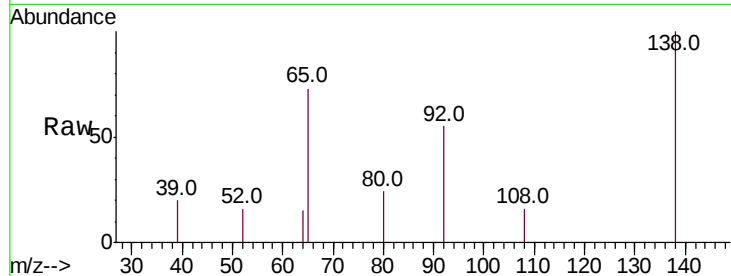




#43
2-Nitroaniline
Concen: 2.331 ng/ul
RT: 13.47 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BN004387.D
Acq: 13 Feb 2019 11:45

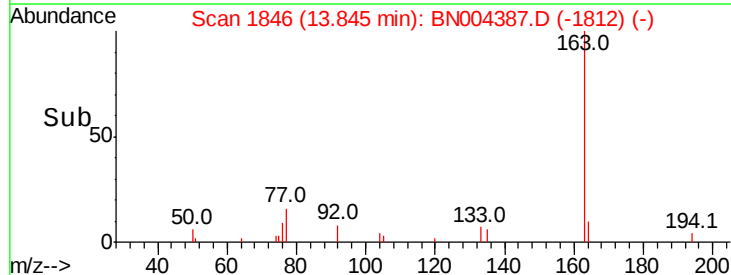
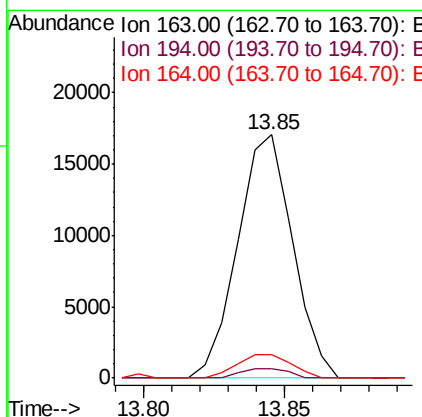
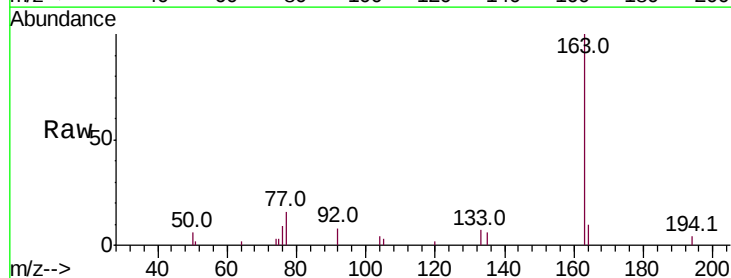
Instrument :
BNA_N
ClientSampleId :
MDL-S-01

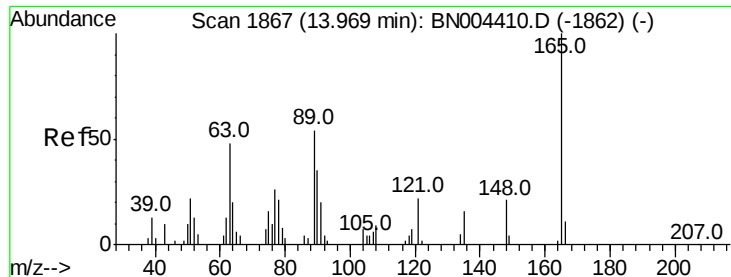
Tot Ion: 65 Resp: 2200
Ion Ratio Lower Upper
65 100
92 75.7 62.1 93.1
138 137.0 105.0 157.6



#45
Dimethylphthalate
Concen: 3.735 ng/ul
RT: 13.85 min Scan# 1846
Delta R.T. -0.00 min
Lab File: BN004387.D
Acq: 13 Feb 2019 11:45

Tgt Ion:163 Resp: 23039
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 9.5 7.9 11.9

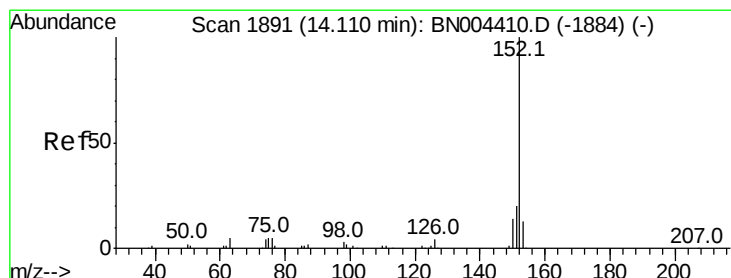
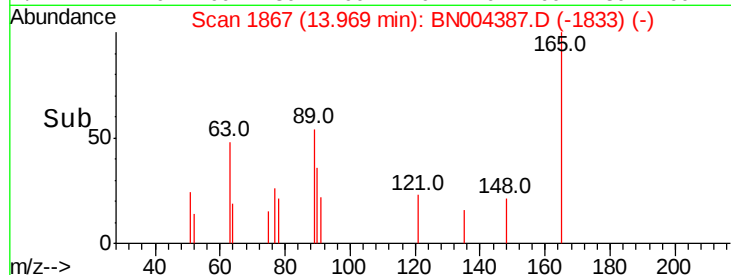
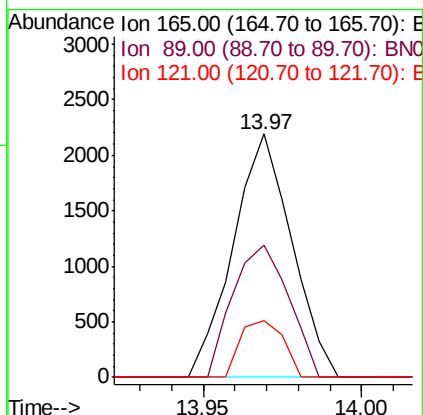
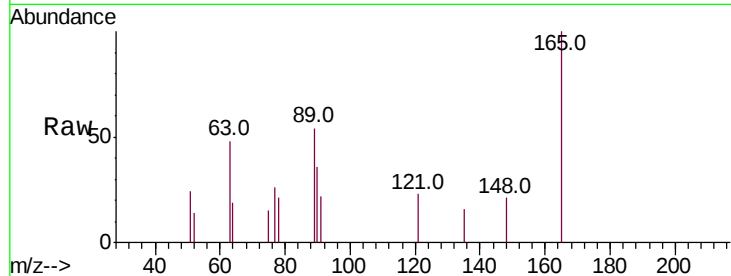




#46
 2,6-Dinitrotoluene
 Concen: 2.585 ng/ul
 RT: 13.97 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: BN004387.D
 Acq: 13 Feb 2019 11:45

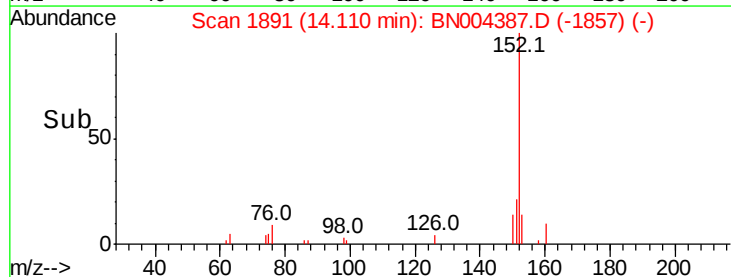
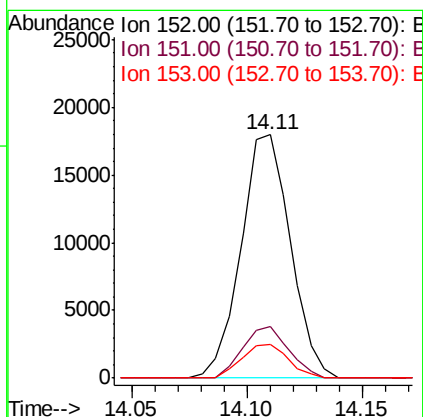
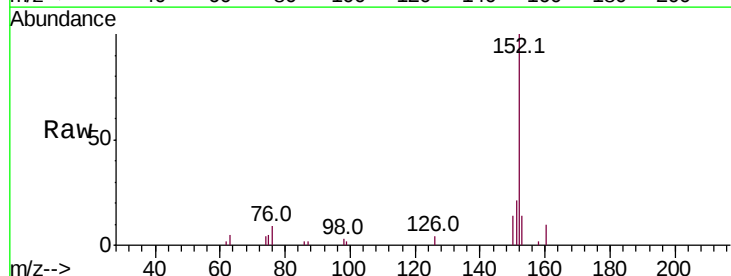
Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-01

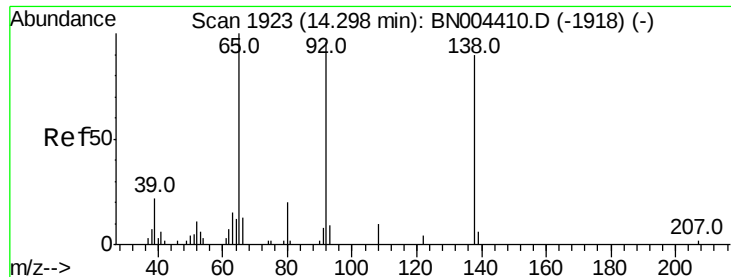
Tot Ion:165 Resp: 2811
 Ion Ratio Lower Upper
 165 100
 89 54.4 42.0 63.0
 121 23.4 17.0 25.6



#48
 Acenaphthylene
 Concen: 3.828 ng/ul
 RT: 14.11 min Scan# 1891
 Delta R.T. -0.00 min
 Lab File: BN004387.D
 Acq: 13 Feb 2019 11:45

Tgt Ion:152 Resp: 26866
 Ion Ratio Lower Upper
 152 100
 151 21.1 16.1 24.1
 153 14.1 10.6 16.0





#49

3-Nitroaniline

Concen: 2.037 ng/ul

RT: 14.30 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BN004387.D

Acq: 13 Feb 2019 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-S-01

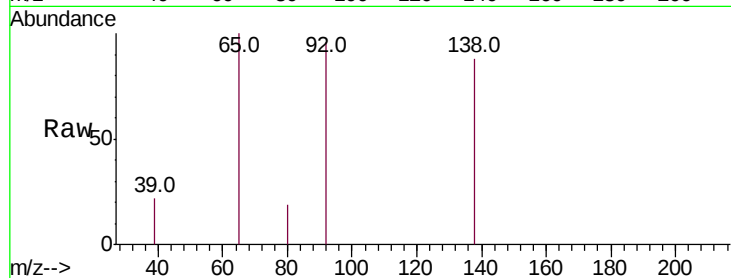
Tot Ion:138 Resp: 2261

Ion Ratio Lower Upper

138 100

108 0.0 9.0 13.4#

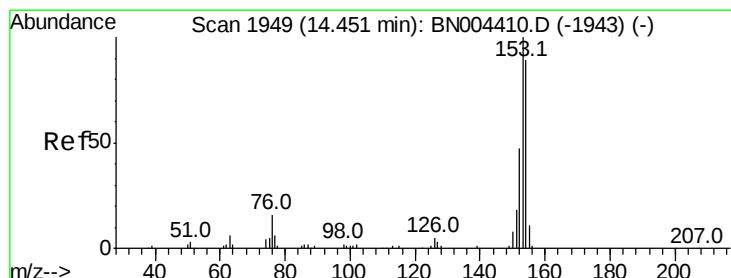
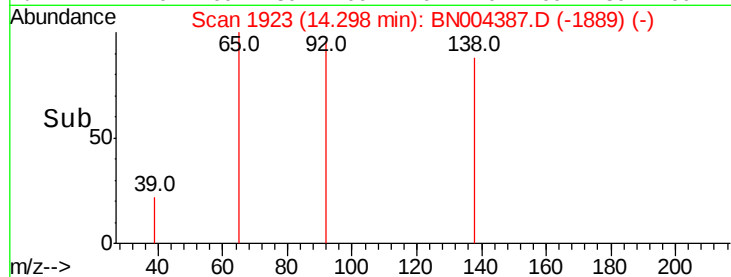
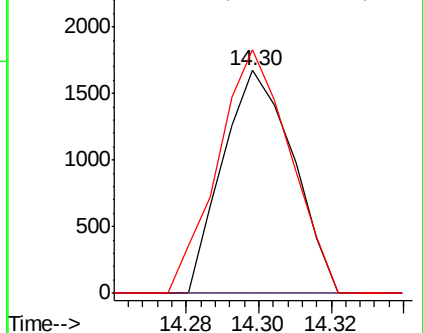
92 109.2 85.8 128.6



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



#50

Acenaphthene

Concen: 3.831 ng/ul

RT: 14.45 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BN004387.D

Acq: 13 Feb 2019 11:45

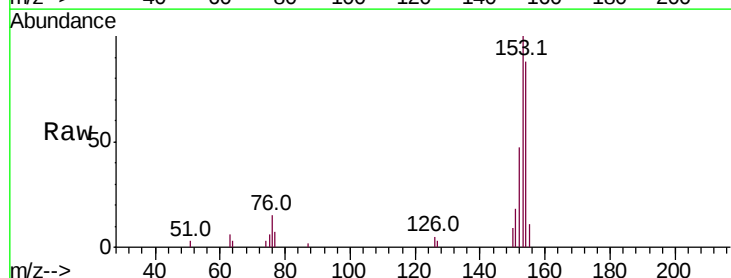
Tgt Ion:153 Resp: 19371

Ion Ratio Lower Upper

153 100

152 46.6 37.8 56.6

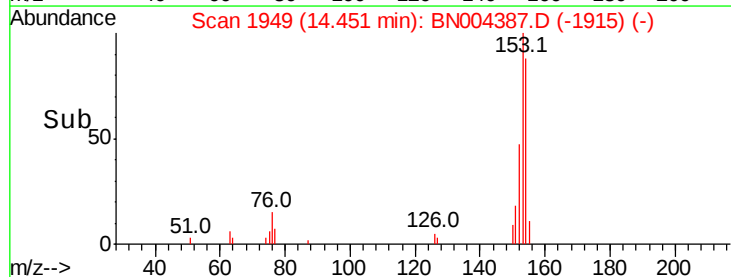
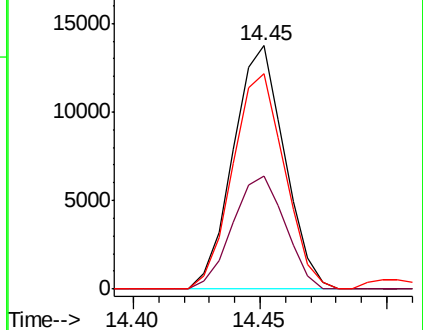
154 88.4 70.0 105.0

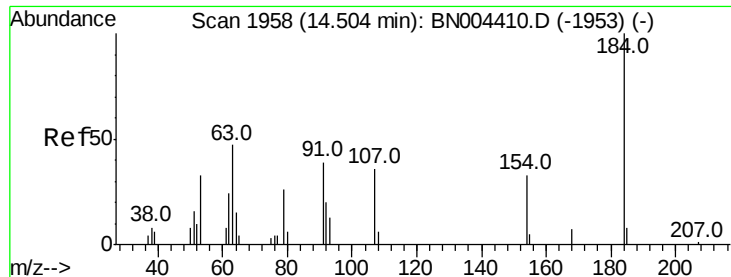


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

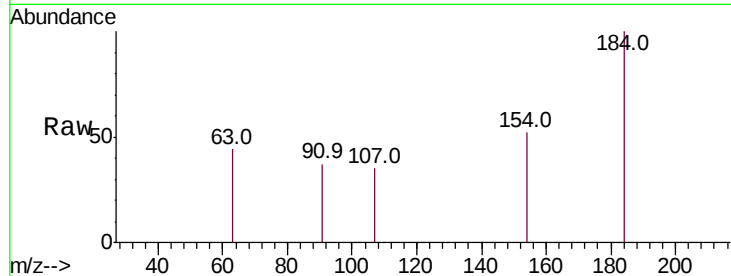




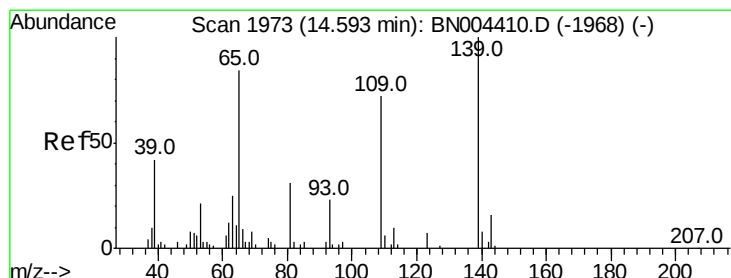
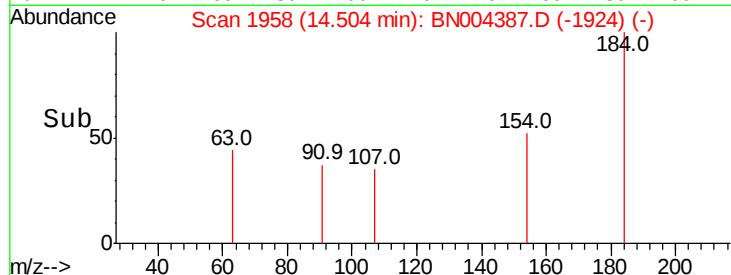
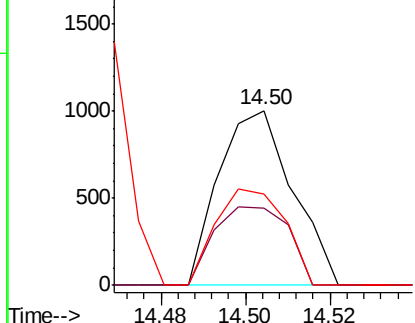
#51
 2,4-Dinitrophenol
 Concen: 1.802 ng/ul
 RT: 14.50 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: BN004387.D
 Acq: 13 Feb 2019 11:45

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-01

Tot Ion:184 Resp: 1219
 Ion Ratio Lower Upper
 184 100
 63 44.3 39.1 58.7
 154 52.0 46.2 69.4

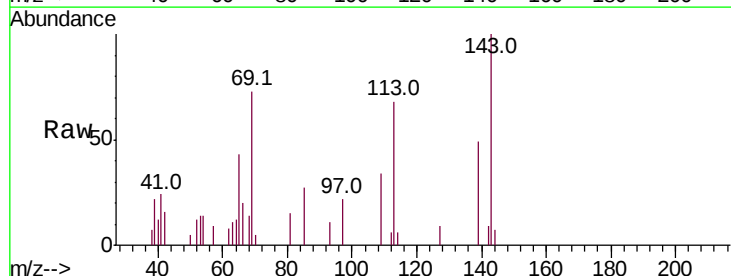


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BNO
 Ion 154.00 (153.70 to 154.70): E

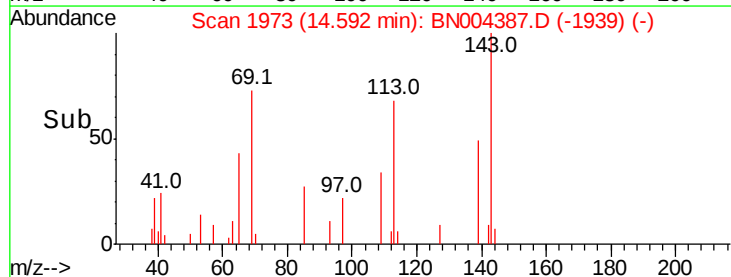
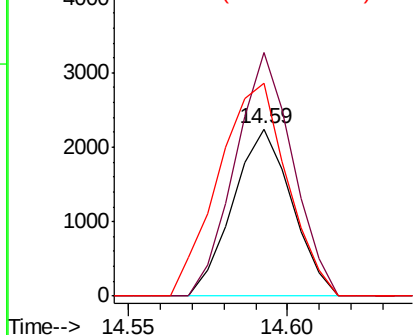


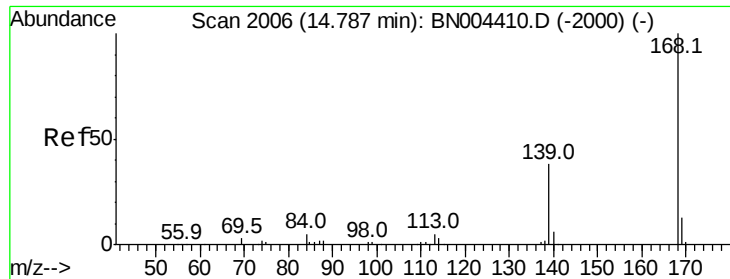
#53
 4-Nitrophenol
 Concen: 3.272 ng/ul
 RT: 14.59 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: BN004387.D
 Acq: 13 Feb 2019 11:45

Tgt Ion:109 Resp: 2906
 Ion Ratio Lower Upper
 109 100
 139 145.7 112.1 168.1
 65 127.4 90.3 135.5



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





#54

Dibenzo(furan)

Concen: 3.929 ng/ul

RT: 14.79 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BN004387.D

Acq: 13 Feb 2019 11:45

Instrument :

BNA_N

ClientSampleId :

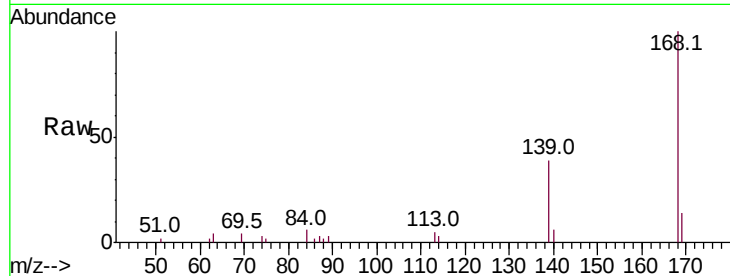
MDL-S-01

Tot Ion:168 Resp: 28733

Ion Ratio Lower Upper

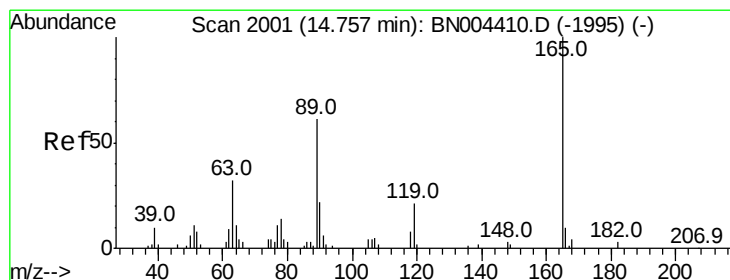
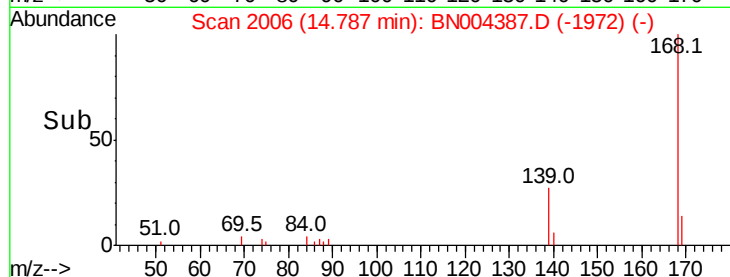
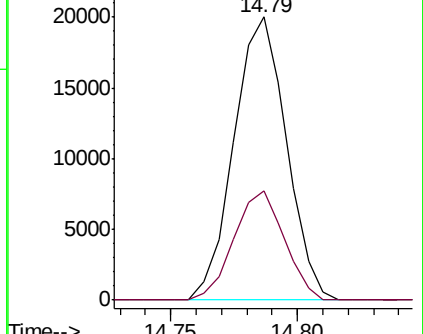
168 100

139 38.6 29.8 44.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,4-Dinitrotoluene

Concen: 2.838 ng/ul

RT: 14.75 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BN004387.D

Acq: 13 Feb 2019 11:45

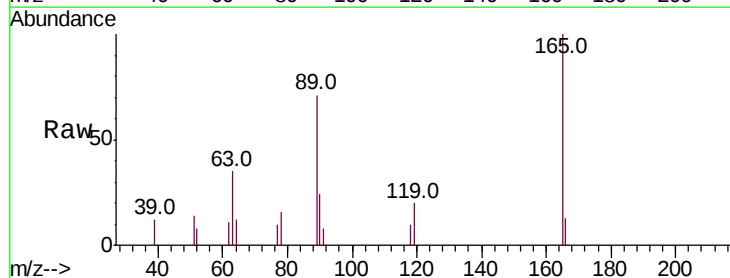
Tgt Ion:165 Resp: 4841

Ion Ratio Lower Upper

165 100

63 35.0 27.6 41.4

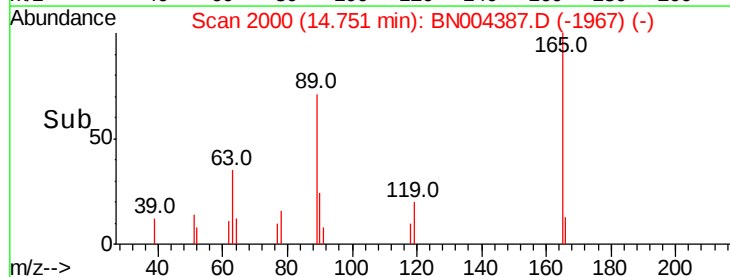
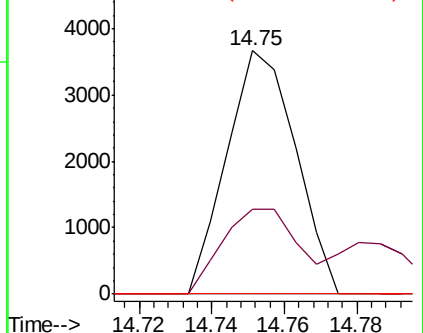
182 0.0 2.3 3.5#

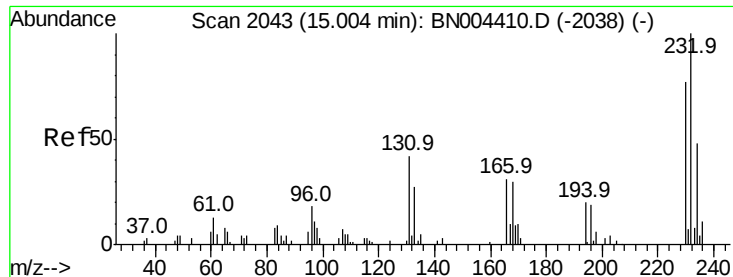


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 182.00 (181.70 to 182.70): E

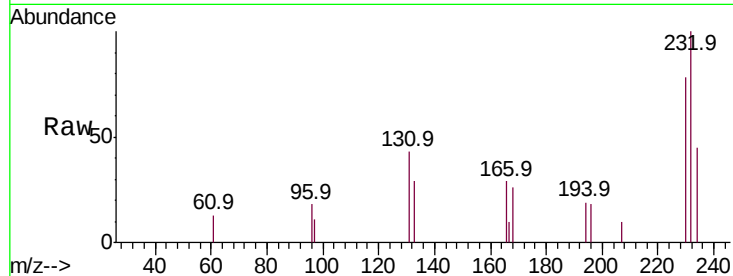




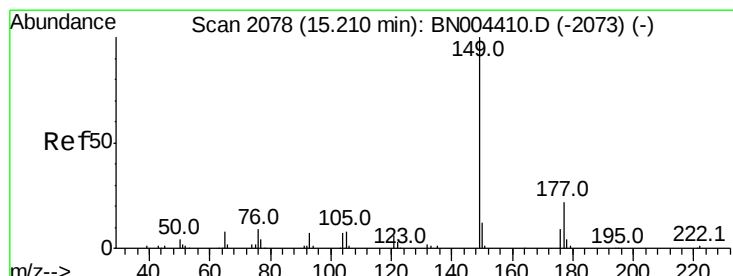
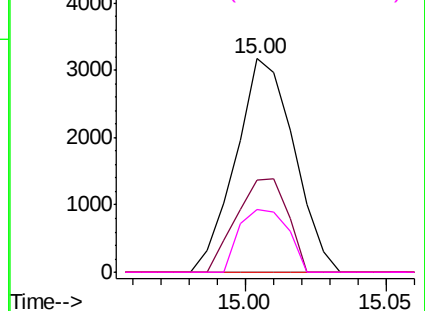
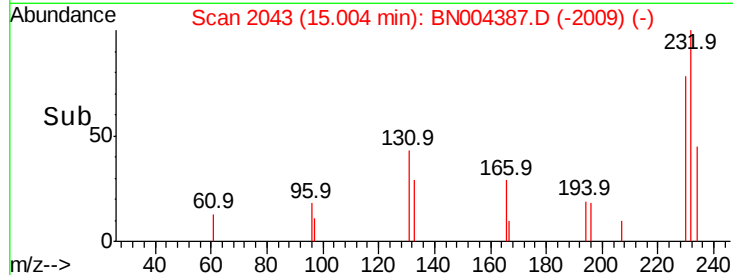
#56
 2,3,4,6-Tetrachlorophenol
 Concen: 3.063 ng/ul
 RT: 15.00 min Scan# 2043
 Delta R.T. -0.00 min
 Lab File: BN004387.D
 Acq: 13 Feb 2019 11:45

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-01

Tot Ion:232 Resp: 4543
 Ion Ratio Lower Upper
 232 100
 131 43.2 33.4 50.0
 130 0.0 1.8 2.8#
 166 29.4 23.4 35.0

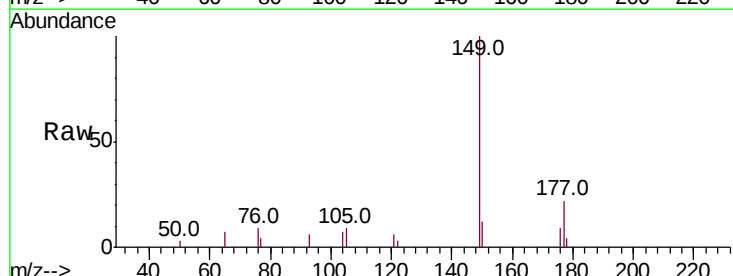


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

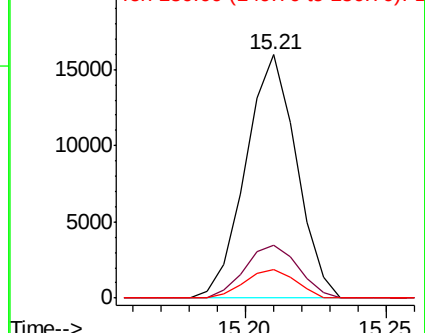
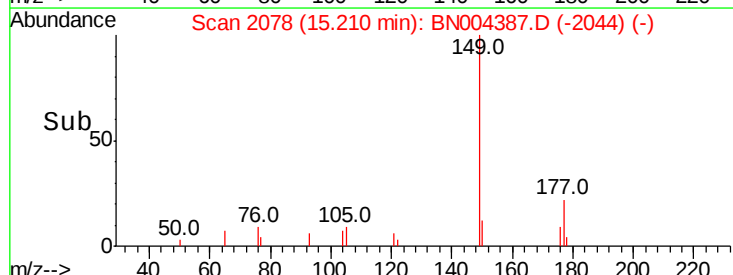


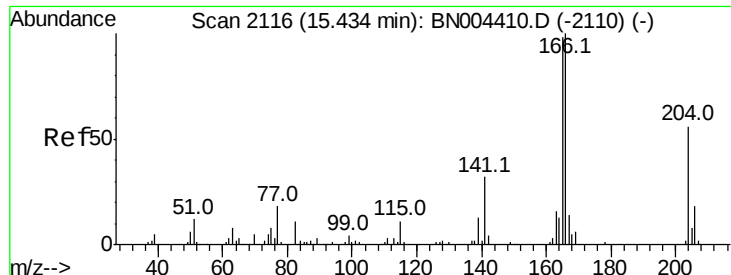
#57
 Diethylphthalate
 Concen: 3.280 ng/ul
 RT: 15.21 min Scan# 2078
 Delta R.T. -0.00 min
 Lab File: BN004387.D
 Acq: 13 Feb 2019 11:45

Tgt Ion:149 Resp: 19963
 Ion Ratio Lower Upper
 149 100
 177 21.6 18.0 27.0
 150 11.9 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





#59

Fluorene

Concen: 3.915 ng/ul

RT: 15.43 min Scan# 2116

Delta R.T. -0.00 min

Lab File: BN004387.D

Acq: 13 Feb 2019 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-S-01

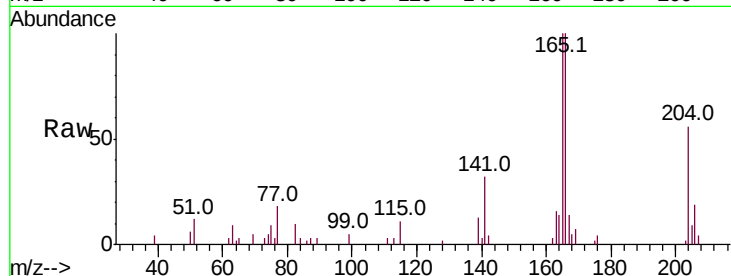
Tot Ion:166 Resp: 23202

Ion Ratio Lower Upper

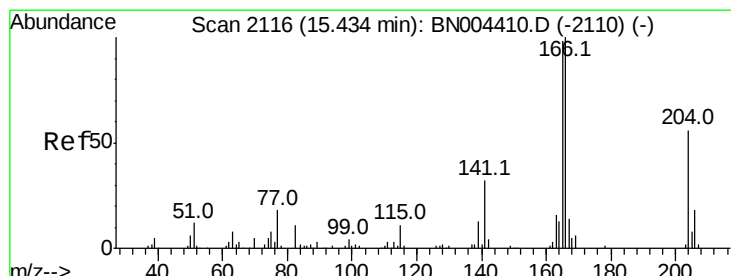
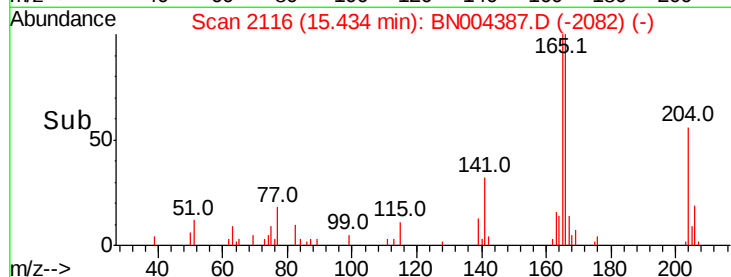
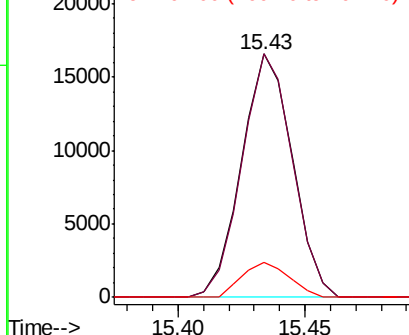
166 100

165 100.2 78.0 117.0

167 14.5 10.8 16.2



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



#60

4-Chlorophenyl-phenylether

Concen: 3.993 ng/ul

RT: 15.43 min Scan# 2116

Delta R.T. -0.00 min

Lab File: BN004387.D

Acq: 13 Feb 2019 11:45

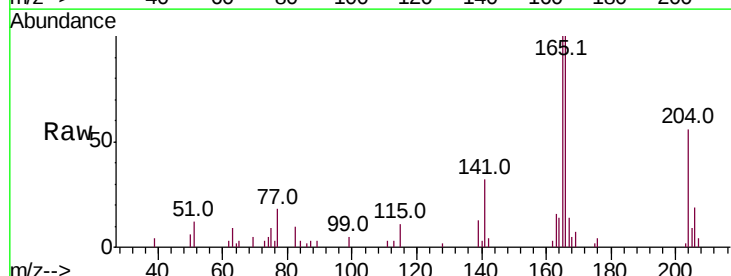
Tgt Ion:204 Resp: 12523

Ion Ratio Lower Upper

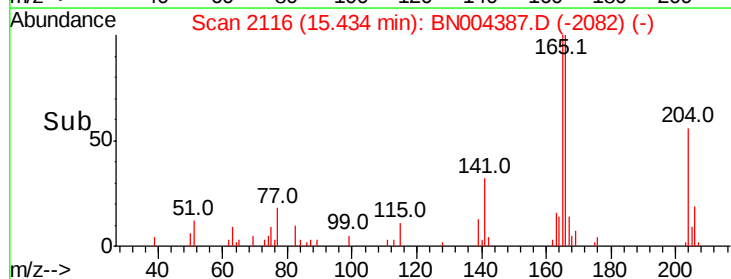
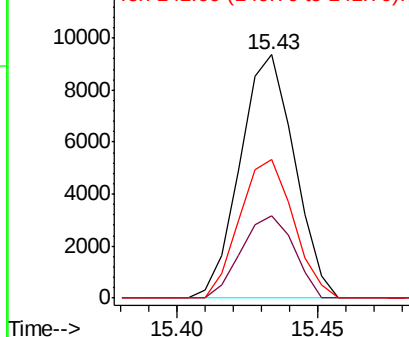
204 100

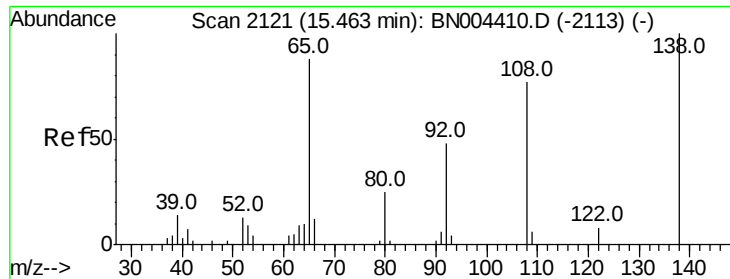
206 33.6 26.5 39.7

141 56.8 44.8 67.2



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

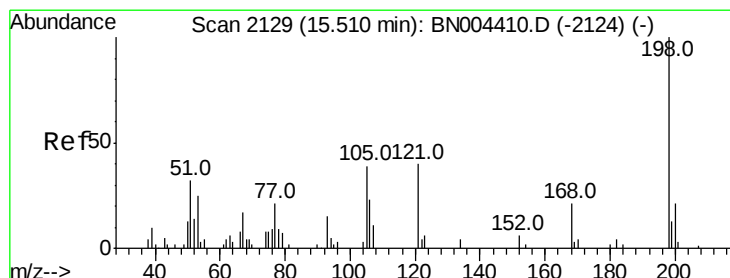
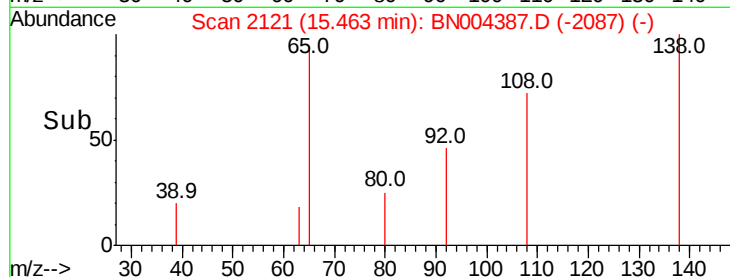
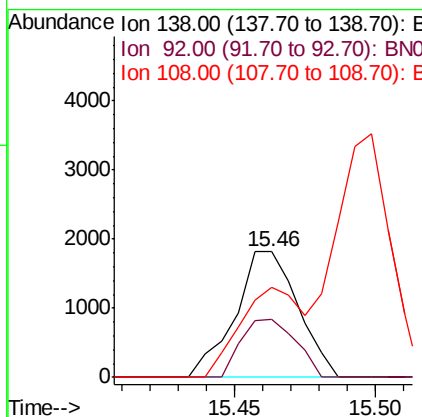
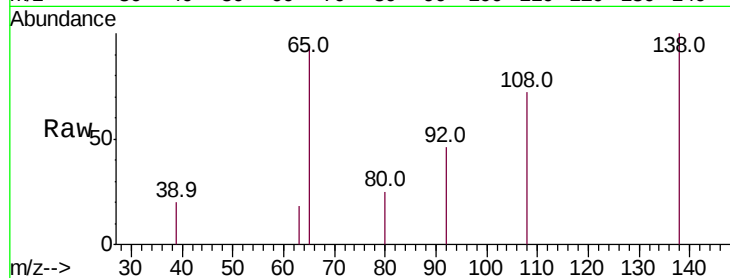




#61
4-Nitroaniline
Concen: 1.947 ng/ul
RT: 15.46 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BN004387.D
Acq: 13 Feb 2019 11:45

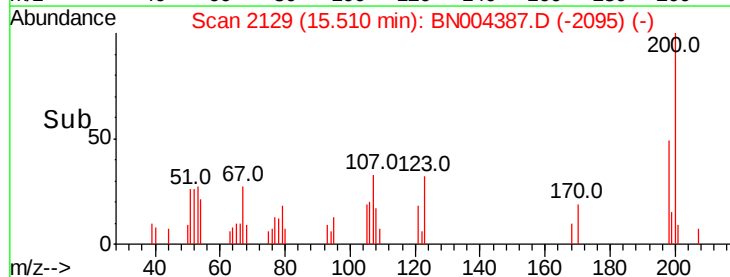
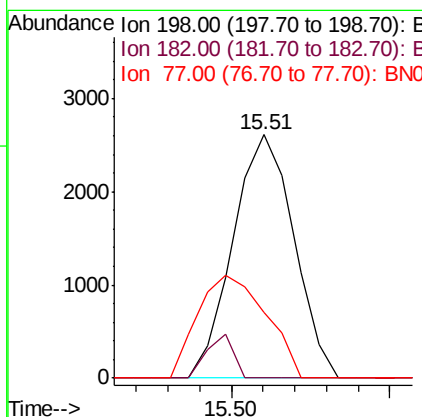
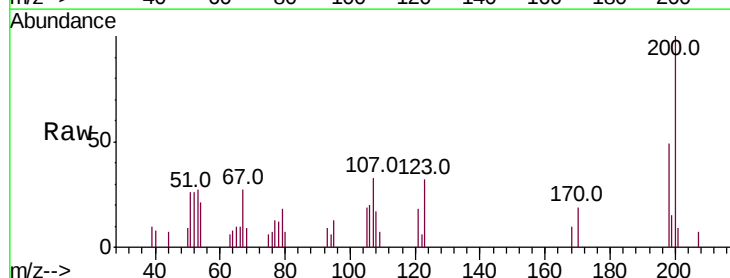
Instrument :
BNA_N
ClientSampleId :
MDL-S-01

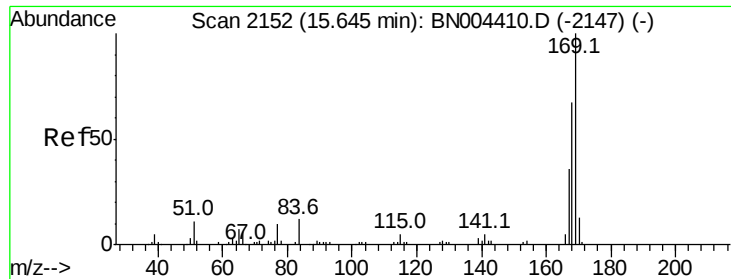
Tot Ion:138 Resp: 2812
Ion Ratio Lower Upper
138 100
92 46.3 37.8 56.8
108 71.6 61.7 92.5



#64
4,6-Dinitro-2-methylphenol
Concen: 3.102 ng/ul
RT: 15.51 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BN004387.D
Acq: 13 Feb 2019 11:45

Tgt Ion:198 Resp: 3468
Ion Ratio Lower Upper
198 100
182 0.0 3.3 4.9#
77 26.9 16.2 24.4#





#65

N-Nitrosodiphenylamine

Concen: 3.650 ng/ul

RT: 15.65 min Scan# 2152

Delta R.T. -0.00 min

Lab File: BN004387.D

Acq: 13 Feb 2019 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-S-01

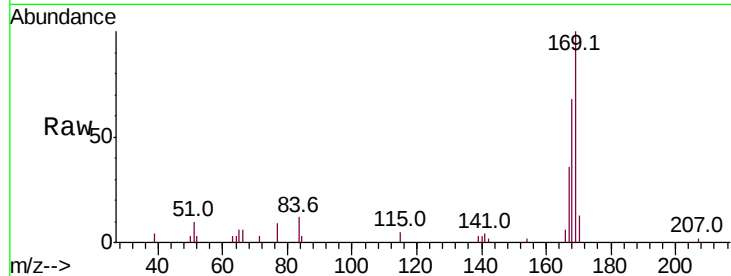
Tot Ion:169 Resp: 19060

Ion Ratio Lower Upper

169 100

168 67.6 53.8 80.6

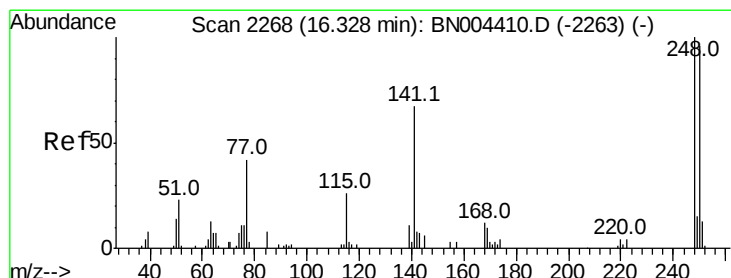
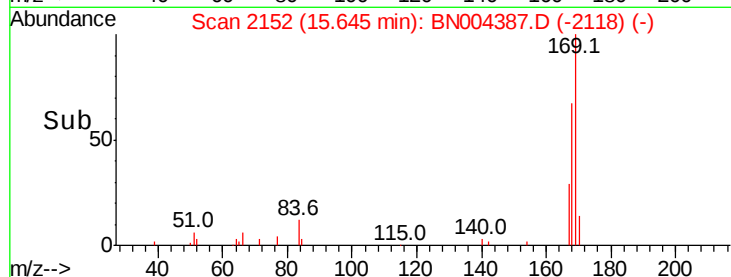
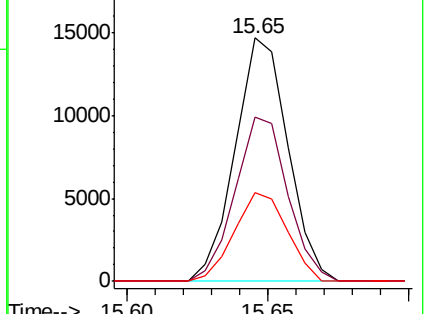
167 36.4 29.0 43.4



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



#66

4-Bromophenyl-phenylether

Concen: 3.686 ng/ul

RT: 16.33 min Scan# 2268

Delta R.T. -0.00 min

Lab File: BN004387.D

Acq: 13 Feb 2019 11:45

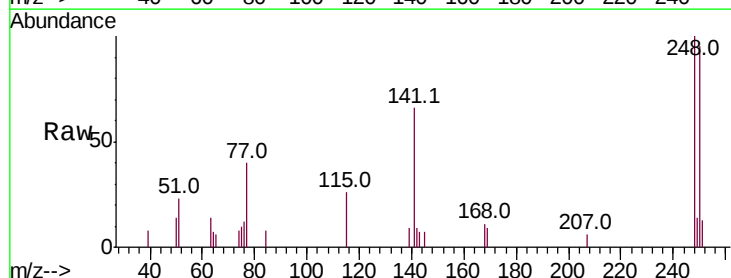
Tgt Ion:248 Resp: 7511

Ion Ratio Lower Upper

248 100

250 94.9 77.9 116.9

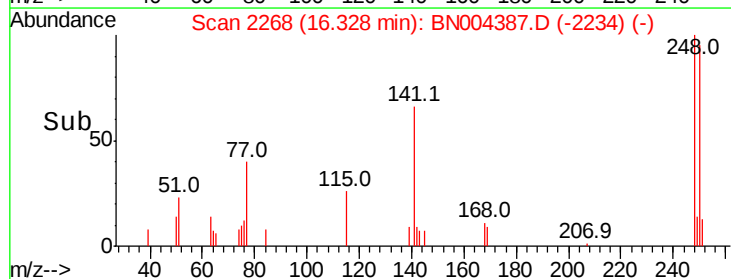
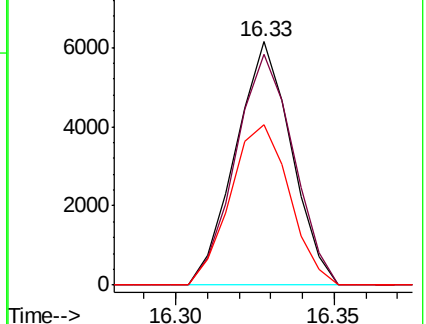
141 66.1 55.1 82.7

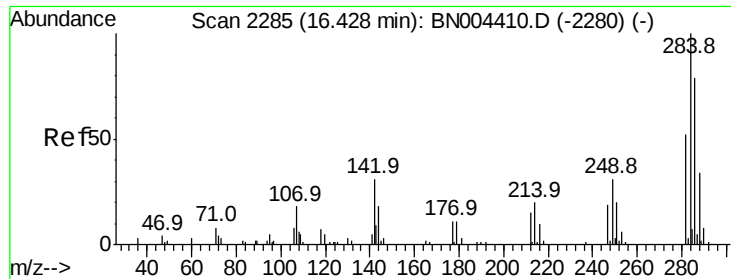


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

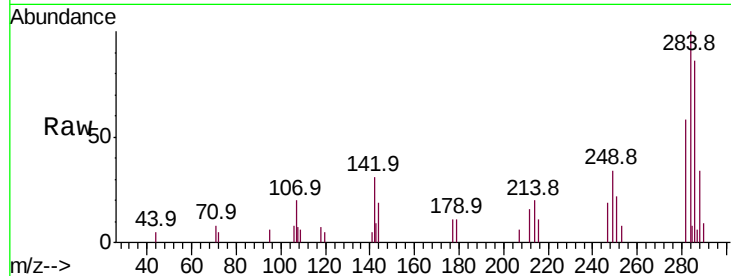




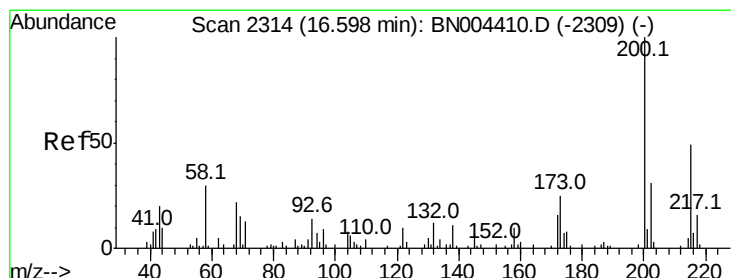
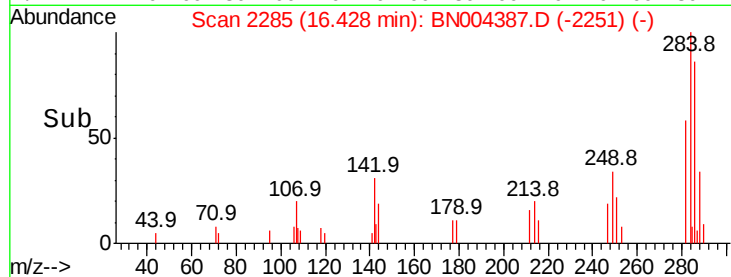
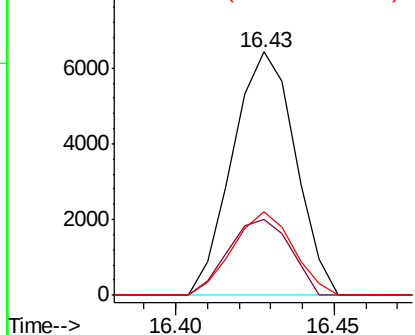
#67
Hexachlorobenzene
Concen: 3.701 ng/ul
RT: 16.43 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BN004387.D
Acq: 13 Feb 2019 11:45

Instrument :
BNA_N
ClientSampleId :
MDL-S-01

Tot Ion:284 Resp: 8832
Ion Ratio Lower Upper
284 100
142 31.4 24.5 36.7
249 34.2 25.0 37.6

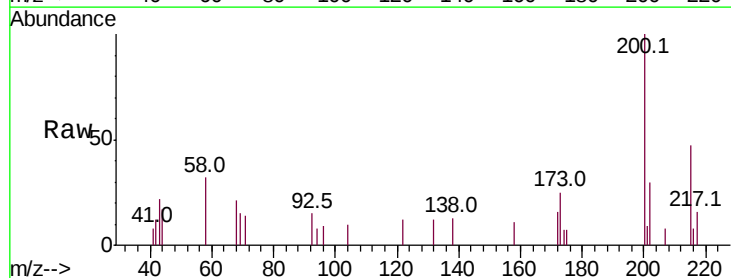


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

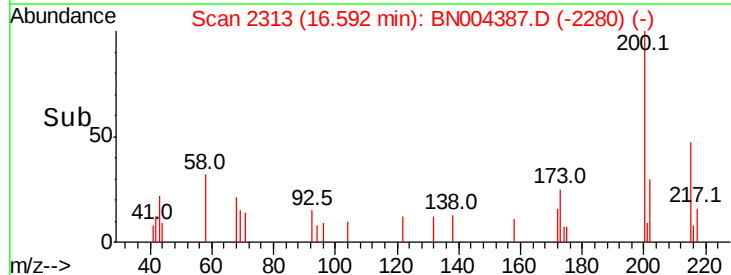
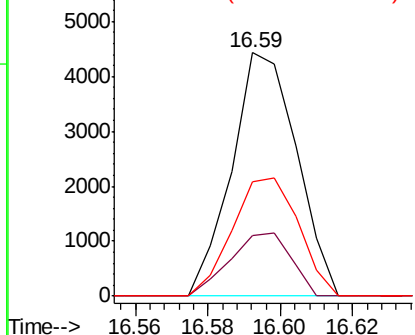


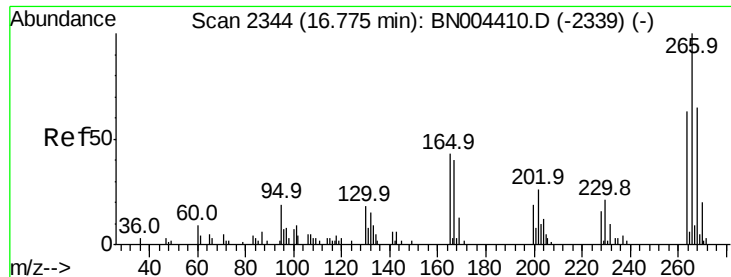
#68
Atrazine
Concen: 2.744 ng/ul
RT: 16.59 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BN004387.D
Acq: 13 Feb 2019 11:45

Tgt Ion:200 Resp: 5520
Ion Ratio Lower Upper
200 100
173 24.8 20.1 30.1
215 47.0 39.1 58.7



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

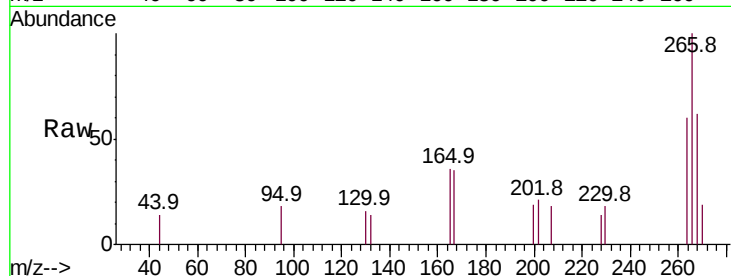




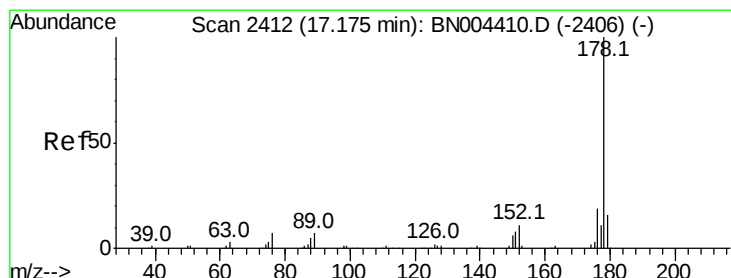
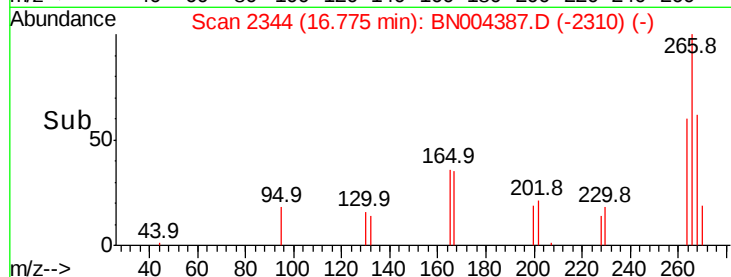
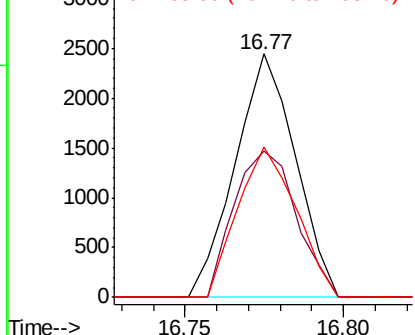
#69
 Pentachlorophenol
 Concen: 2.323 ng/ul
 RT: 16.77 min Scan# 2344
 Delta R.T. -0.00 min
 Lab File: BN004387.D
 Acq: 13 Feb 2019 11:45

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-01

Tot Ion:266 Resp: 3232
 Ion Ratio Lower Upper
 266 100
 264 60.2 50.3 75.5
 268 61.5 49.6 74.4

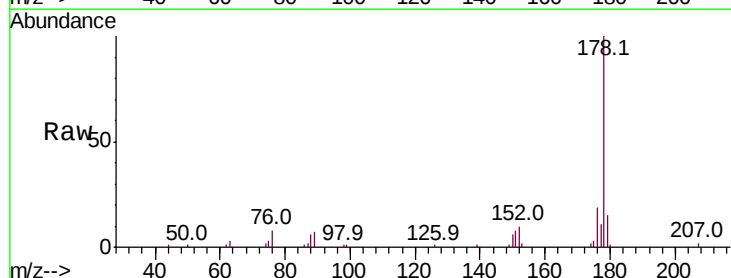


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

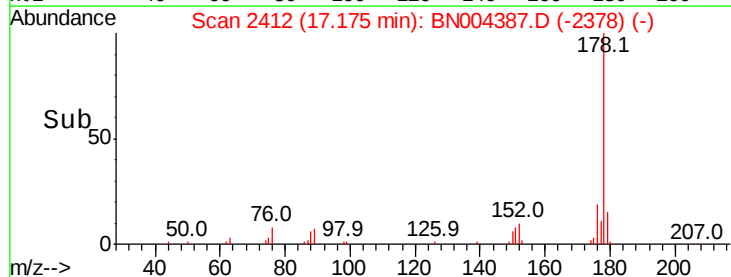
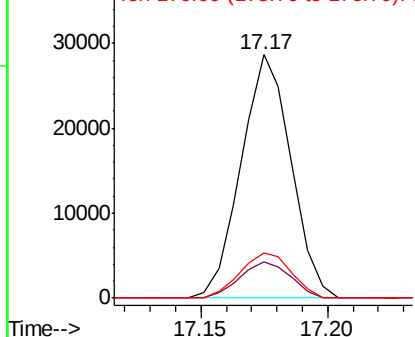


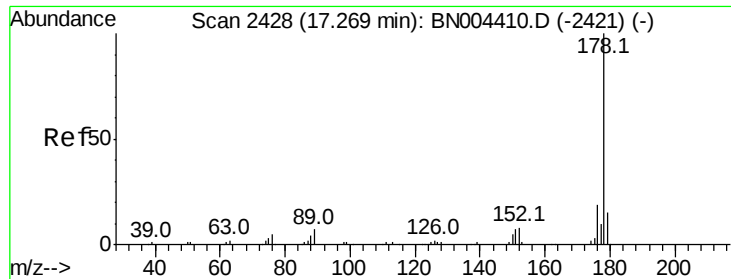
#70
 Phenanthrene
 Concen: 3.886 ng/ul
 RT: 17.17 min Scan# 2412
 Delta R.T. -0.00 min
 Lab File: BN004387.D
 Acq: 13 Feb 2019 11:45

Tgt Ion:178 Resp: 39316
 Ion Ratio Lower Upper
 178 100
 179 14.7 12.3 18.5
 176 18.7 15.4 23.0



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

Anthracene

Concen: 3.850 ng/ul

RT: 17.27 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BN004387.D

Acq: 13 Feb 2019 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-S-01

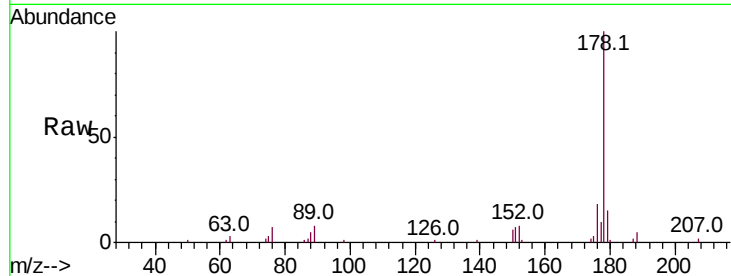
Tot Ion:178 Resp: 39211

Ion Ratio Lower Upper

178 100

179 14.9 12.2 18.4

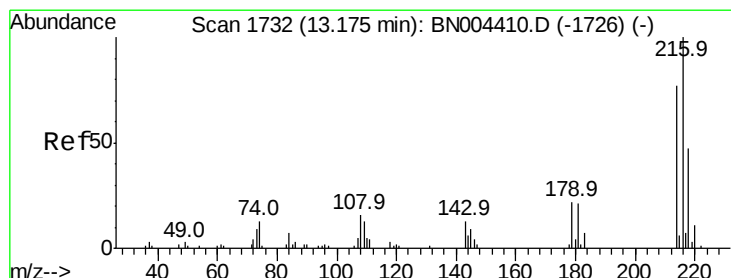
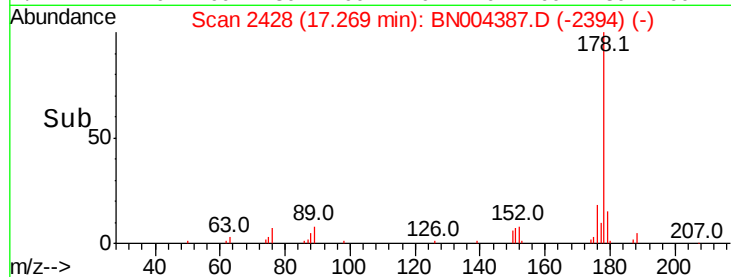
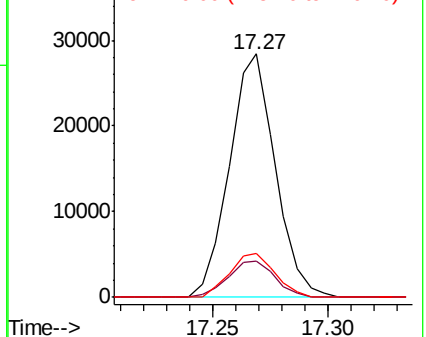
176 18.3 14.9 22.3



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



#73

1,2,3,4-Tetrachlorobenzene

Concen: 3.896 ng/uL

RT: 13.17 min Scan# 1732

Delta R.T. -0.00 min

Lab File: BN004387.D

Acq: 13 Feb 2019 11:45

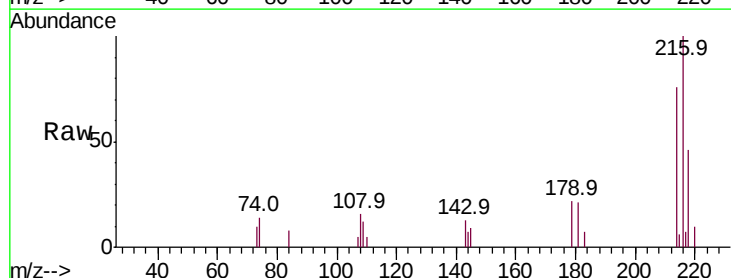
Tgt Ion:216 Resp: 9745

Ion Ratio Lower Upper

216 100

214 75.9 61.9 92.9

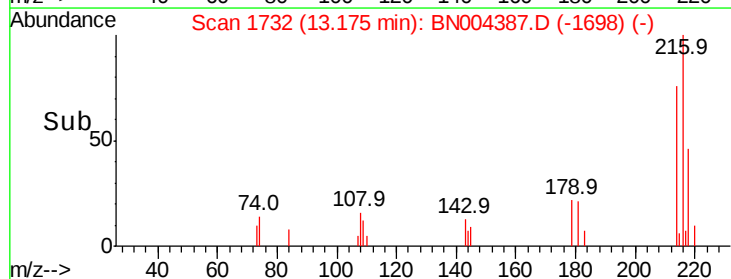
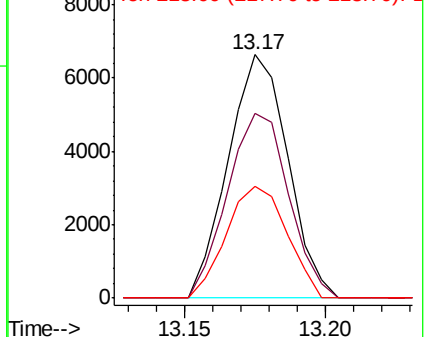
218 45.8 38.7 58.1

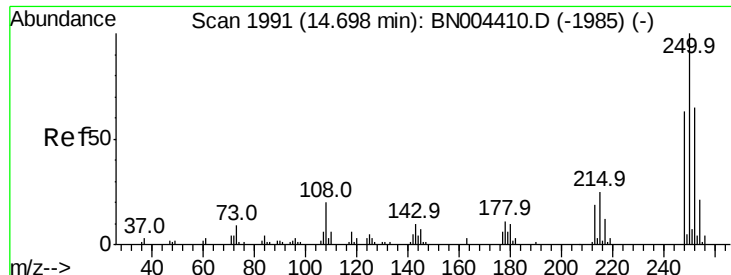


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 3.959 ng/uL

RT: 14.70 min Scan# 1991

Delta R.T. -0.00 min

Lab File: BN004387.D

Acq: 13 Feb 2019 11:45

Instrument :

BNA_N

ClientSampled :

MDL-S-01

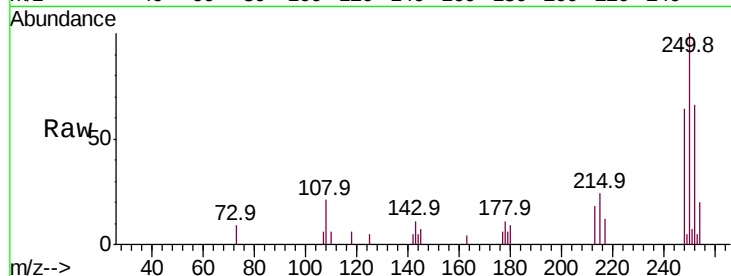
Tot Ion:250 Resp: 10585

Ion Ratio Lower Upper

250 100

248 63.7 51.5 77.3

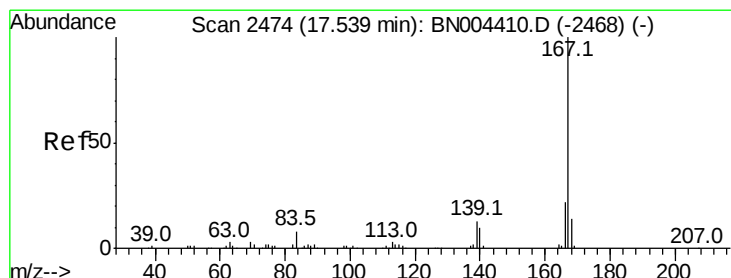
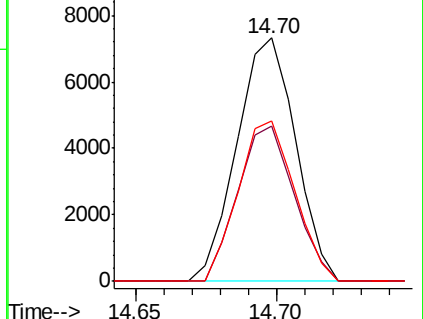
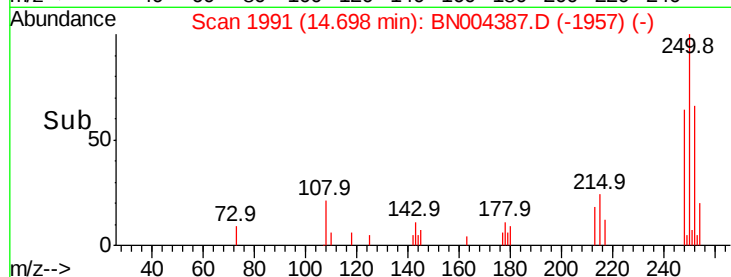
252 66.0 50.4 75.6



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



#75

Carbazole

Concen: 3.485 ng/uL

RT: 17.54 min Scan# 2474

Delta R.T. -0.00 min

Lab File: BN004387.D

Acq: 13 Feb 2019 11:45

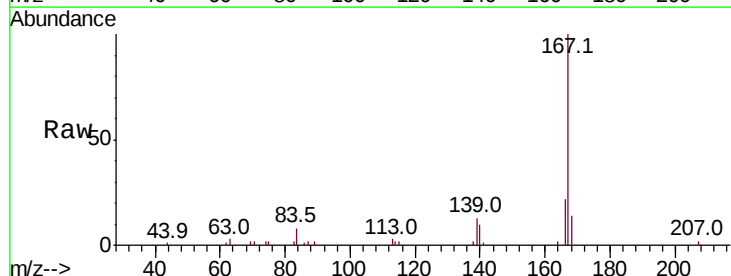
Tgt Ion:167 Resp: 31713

Ion Ratio Lower Upper

167 100

166 21.8 17.5 26.3

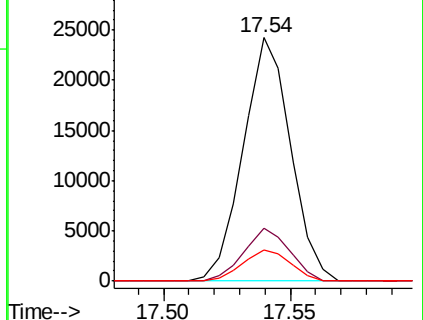
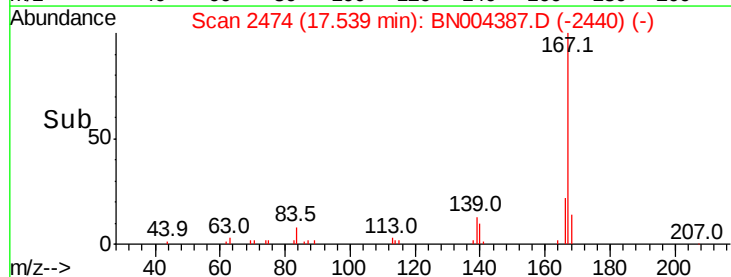
139 12.7 10.4 15.6

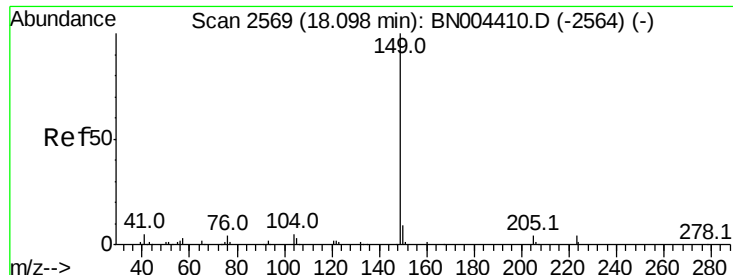


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

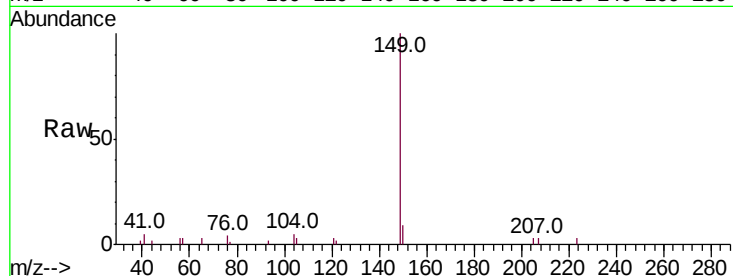




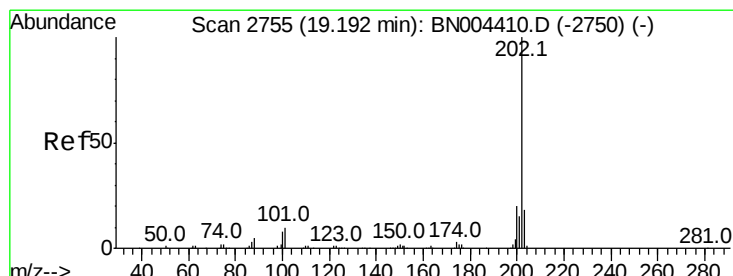
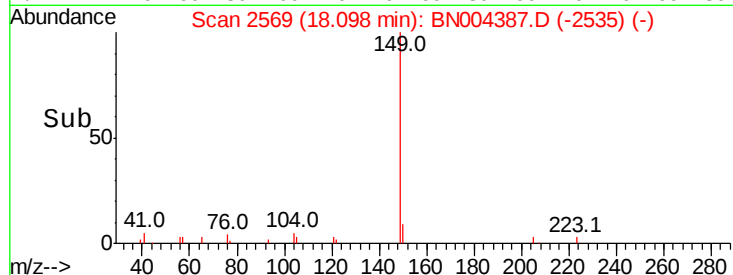
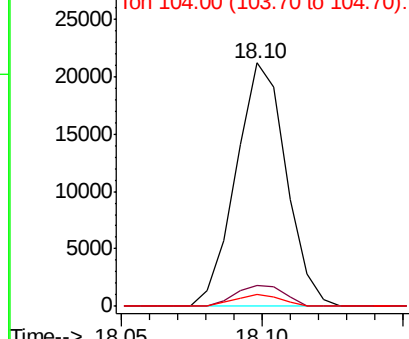
#76
Di-n-butylphthalate
Concen: 2.615 ng/ul
RT: 18.10 min Scan# 2569
Delta R.T. -0.00 min
Lab File: BN004387.D
Acq: 13 Feb 2019 11:45

Instrument :
BNA_N
ClientSampleID :
MDL-S-01

Tot Ion:149 Resp: 26124
Ion Ratio Lower Upper
149 100
150 8.8 7.4 11.0
104 4.9 3.7 5.5

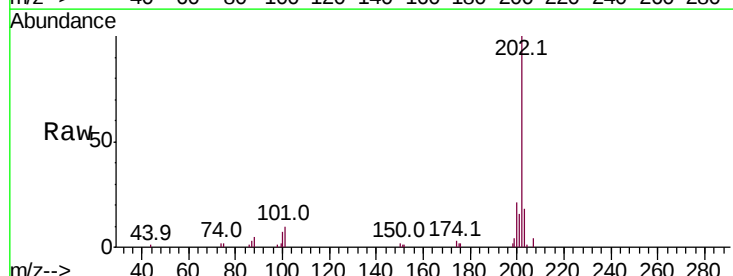


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

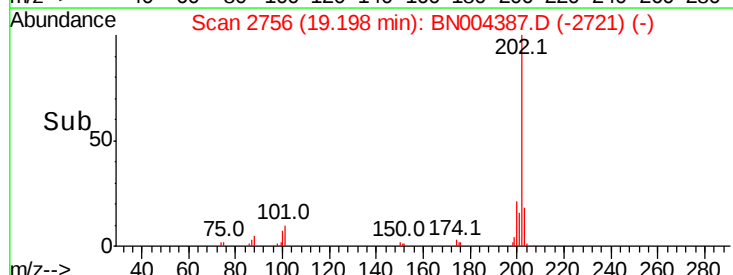
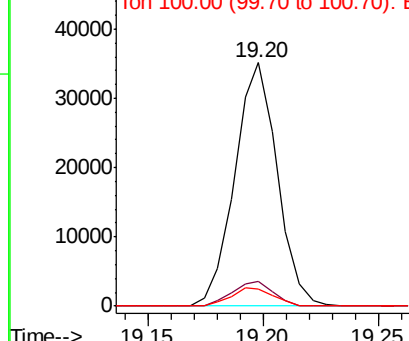


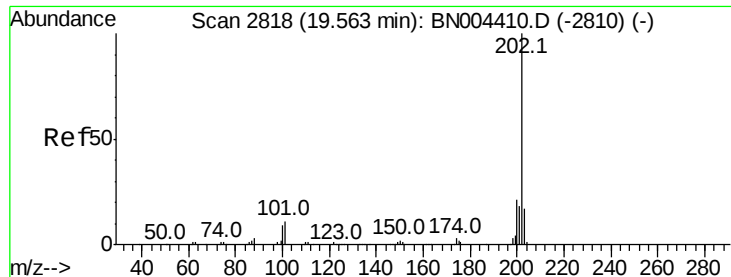
#77
Fluoranthene
Concen: 3.618 ng/ul
RT: 19.20 min Scan# 2756
Delta R.T. 0.01 min
Lab File: BN004387.D
Acq: 13 Feb 2019 11:45

Tgt Ion:202 Resp: 45062
Ion Ratio Lower Upper
202 100
101 10.3 8.2 12.4
100 7.2 6.6 9.8



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

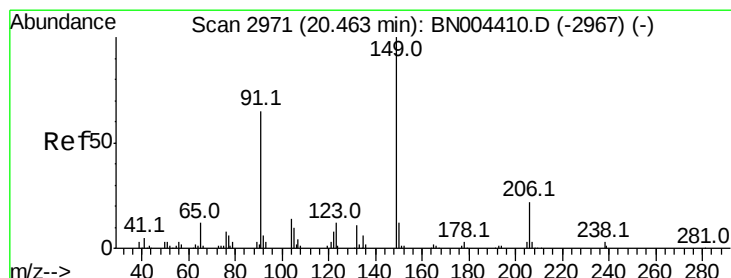
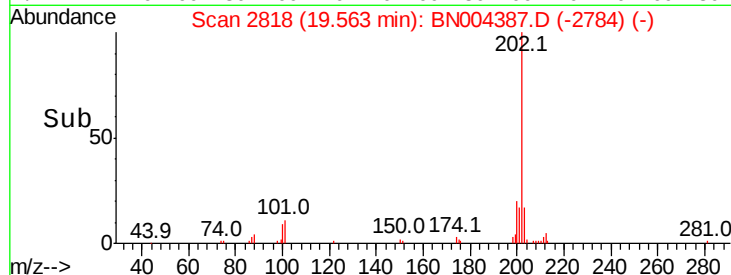
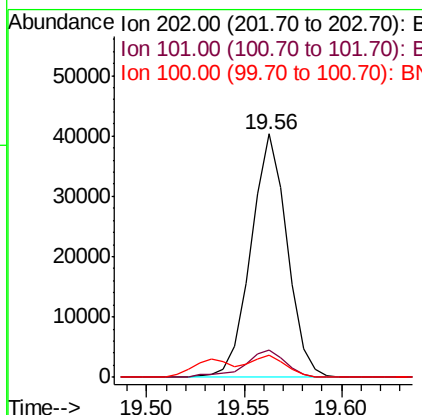
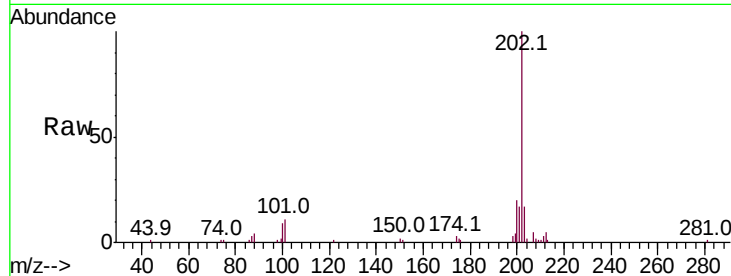




#80
Pvrene
Concen: 3.785 ng/ul
RT: 19.56 min Scan# 2818
Delta R.T. -0.00 min
Lab File: BN004387.D
Acq: 13 Feb 2019 11:45

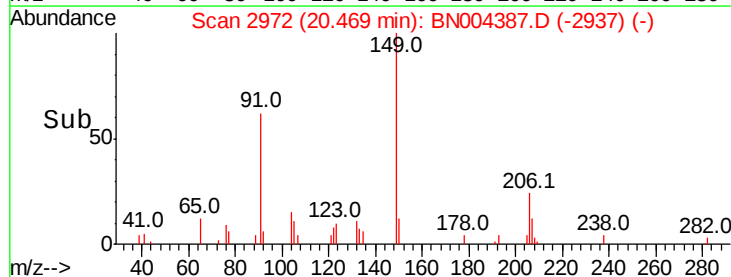
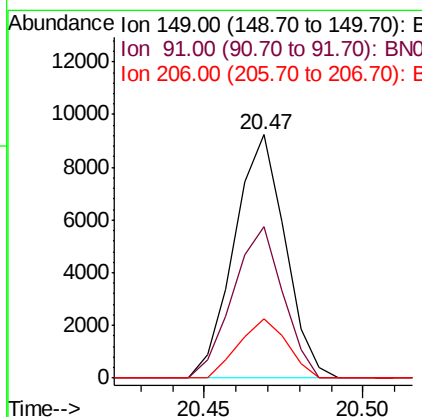
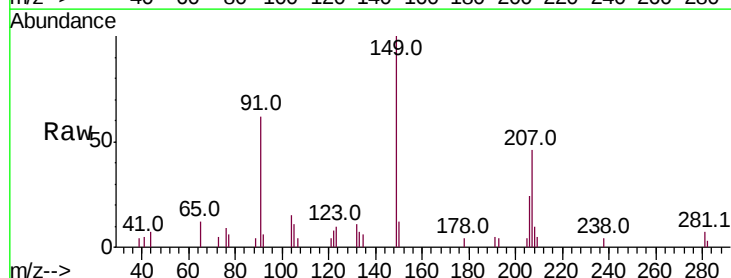
Instrument :
BNA_N
ClientSampled :
MDL-S-01

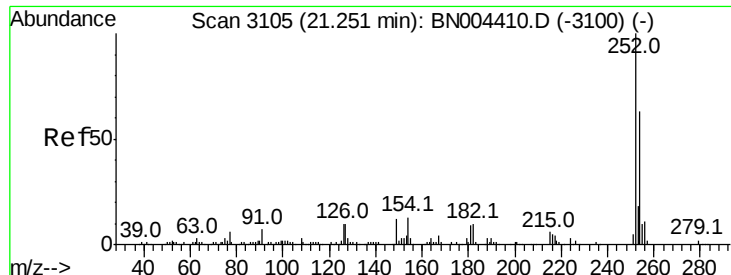
Tot Ion:202 Resp: 51882
Ion Ratio Lower Upper
202 100
101 11.0 9.2 13.8
100 9.1 7.5 11.3



#81
Butylbenzylphthalate
Concen: 2.185 ng/ul
RT: 20.47 min Scan# 2972
Delta R.T. 0.01 min
Lab File: BN004387.D
Acq: 13 Feb 2019 11:45

Tgt Ion:149 Resp: 10292
Ion Ratio Lower Upper
149 100
91 62.2 49.8 74.6
206 24.2 18.2 27.2





#82

3,3'-Dichlorobenzidine

Concen: 1.922 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. 0.01 min

Lab File: BN004387.D

Acq: 13 Feb 2019 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-S-01

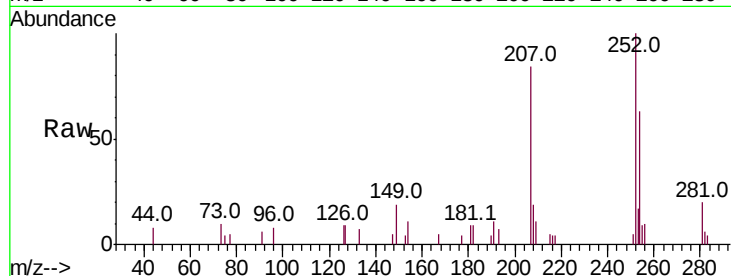
Tot Ion:252 Resp: 9993

Ion Ratio Lower Upper

252 100

254 63.0 51.8 77.6

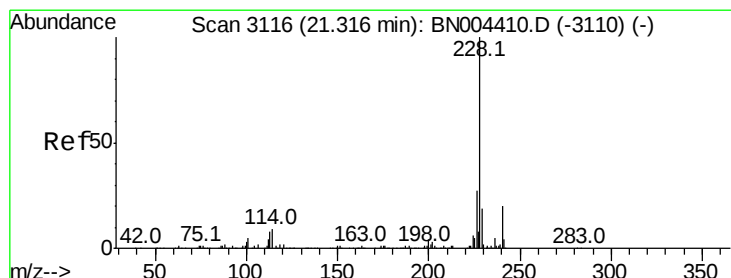
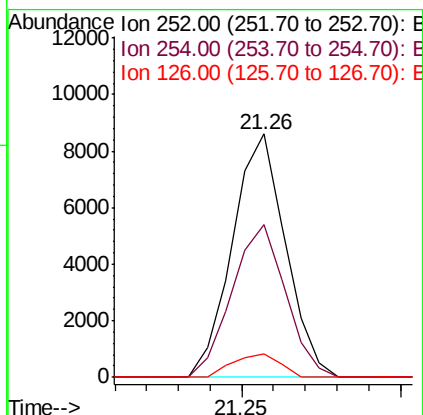
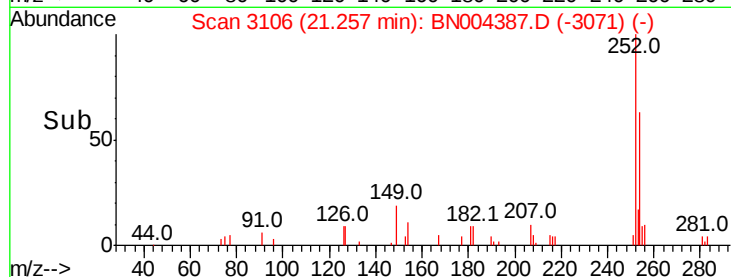
126 9.5 8.3 12.5



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



#83

Benzo(a)anthracene

Concen: 3.643 ng/ul

RT: 21.32 min Scan# 3116

Delta R.T. -0.00 min

Lab File: BN004387.D

Acq: 13 Feb 2019 11:45

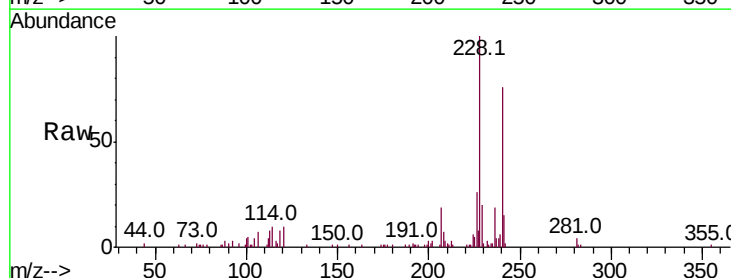
Tgt Ion:228 Resp: 55650

Ion Ratio Lower Upper

228 100

229 19.7 15.4 23.2

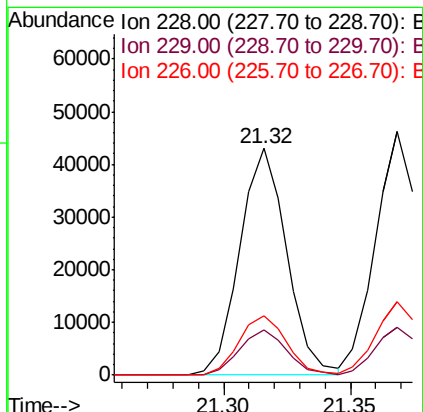
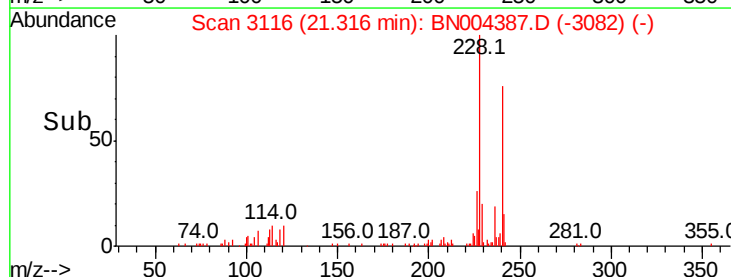
226 26.3 21.4 32.2

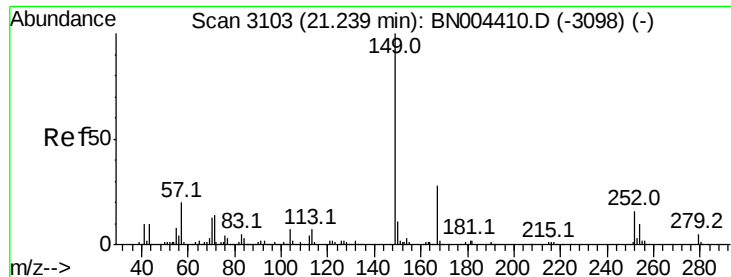


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.163 ng/ul

RT: 21.25 min Scan# 3104

Delta R.T. 0.01 min

Lab File: BN004387.D

Acq: 13 Feb 2019 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-S-01

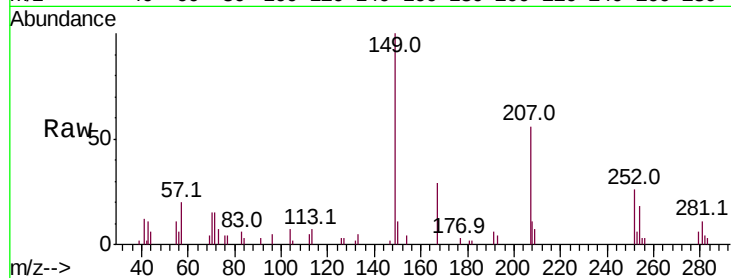
Tot Ion:149 Resp: 15274

Ion Ratio Lower Upper

149 100

167 29.4 22.7 34.1

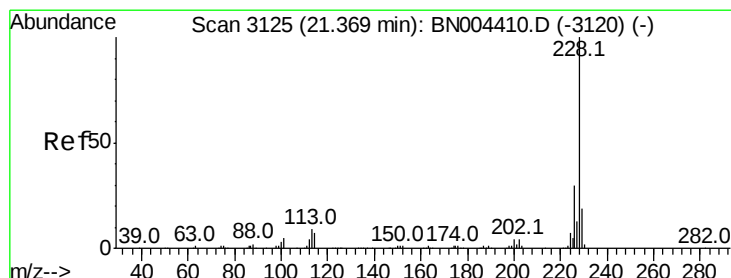
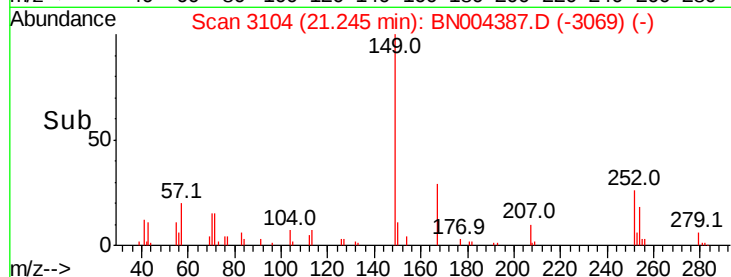
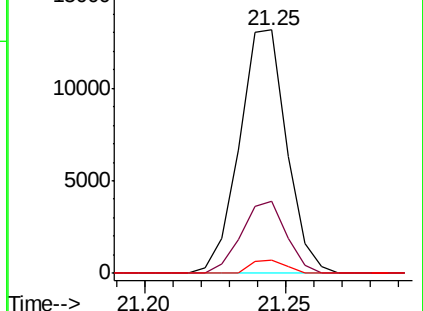
279 5.5 4.3 6.5



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



#85

Chrysene

Concen: 3.818 ng/ul

RT: 21.37 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BN004387.D

Acq: 13 Feb 2019 11:45

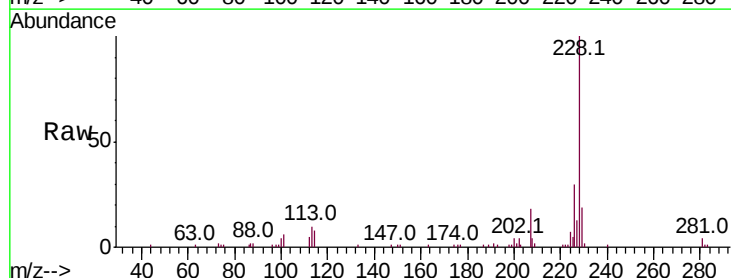
Tgt Ion:228 Resp: 55366

Ion Ratio Lower Upper

228 100

226 30.1 24.0 36.0

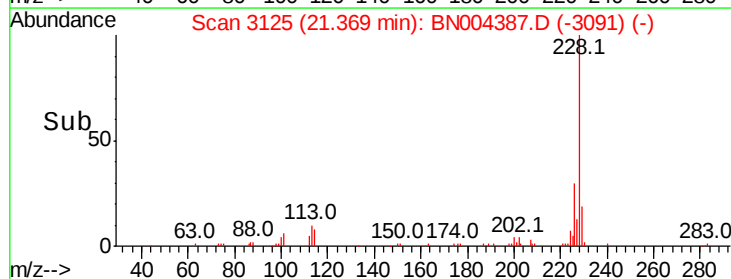
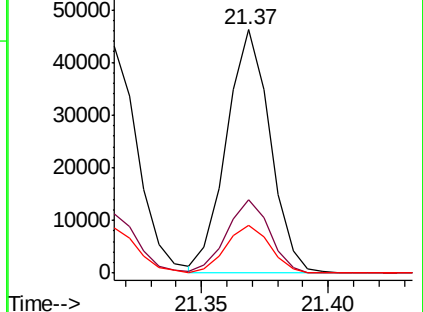
229 19.4 15.7 23.5

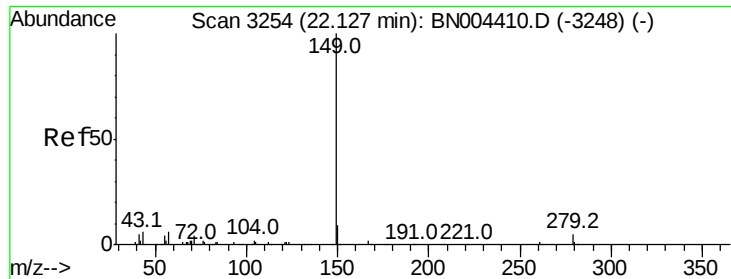


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

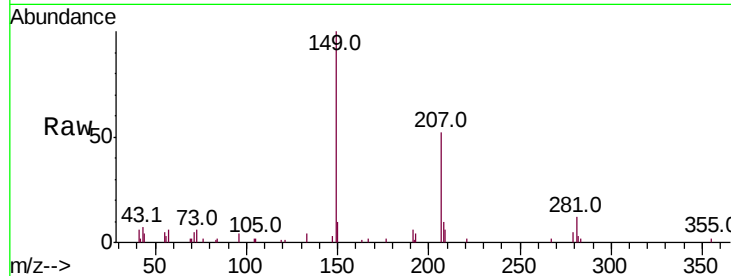




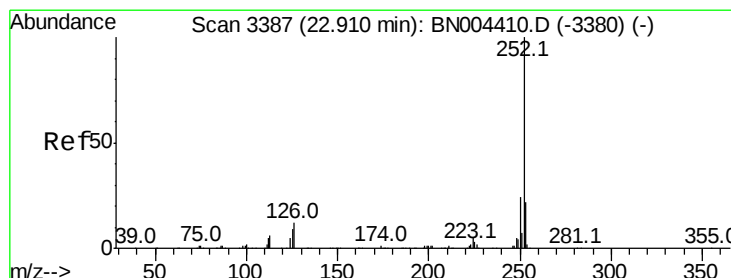
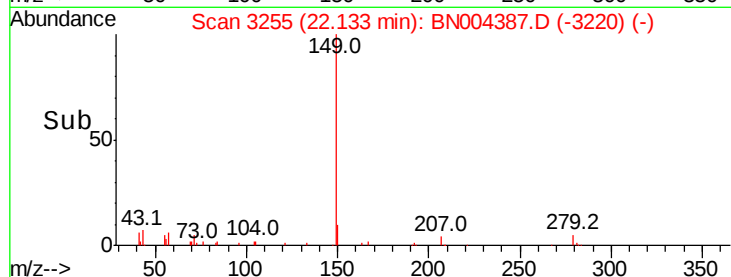
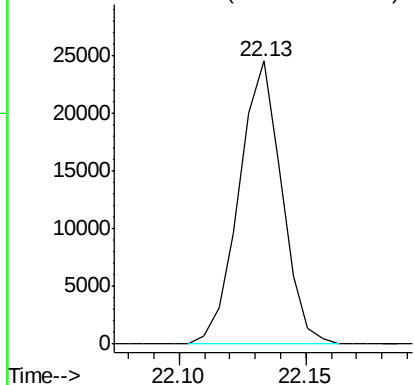
#87
Di-n-octyl phthalate
Concen: 2.088 ng/ul
RT: 22.13 min Scan# 3255
Delta R.T. 0.01 min
Lab File: BN004387.D
Acq: 13 Feb 2019 11:45

Instrument :
BNA_N
ClientSampleId :
MDL-S-01

Tgt Ion:149 Resp: 28738

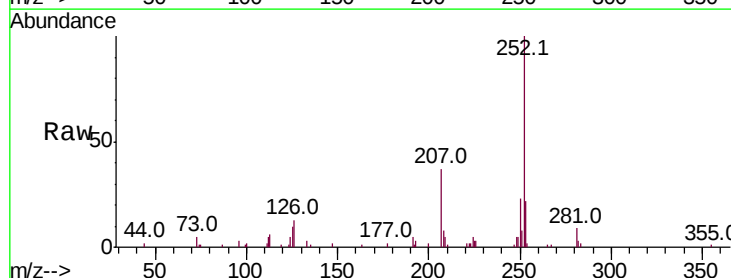


Abundance Ion 149.00 (148.70 to 149.70): E

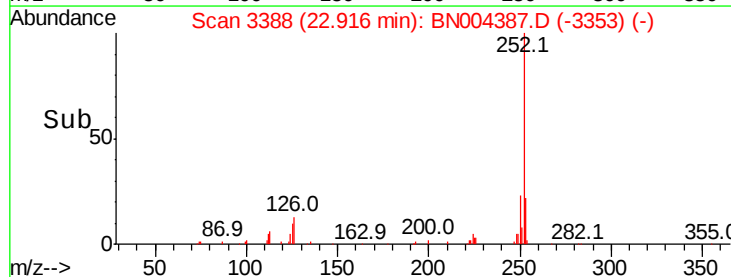
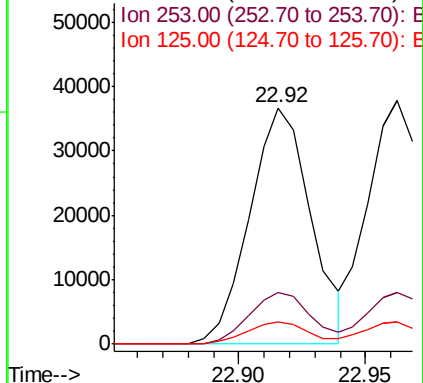


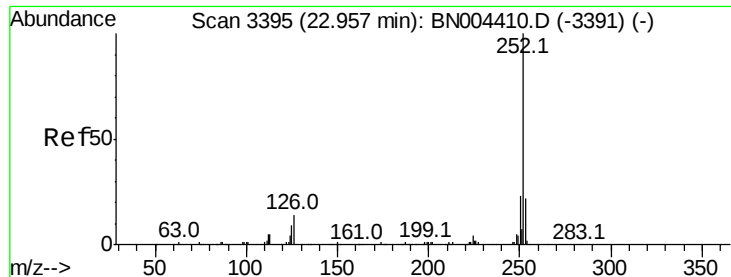
#88
Benzo(b)fluoranthene
Concen: 3.617 ng/ul
RT: 22.92 min Scan# 3388
Delta R.T. 0.01 min
Lab File: BN004387.D
Acq: 13 Feb 2019 11:45

Tgt Ion:252 Resp: 61590
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 9.5 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E





#89

Benzo(k)fluoranthene

Concen: 3.690 ng/ul

RT: 22.96 min Scan# 3396

Delta R.T. 0.01 min

Lab File: BN004387.D

Acq: 13 Feb 2019 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-S-01

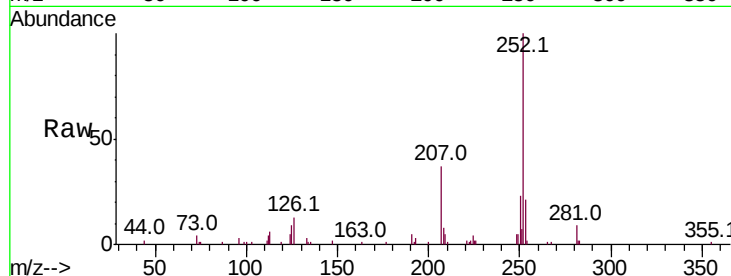
Tot Ion:252 Resp: 61077

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

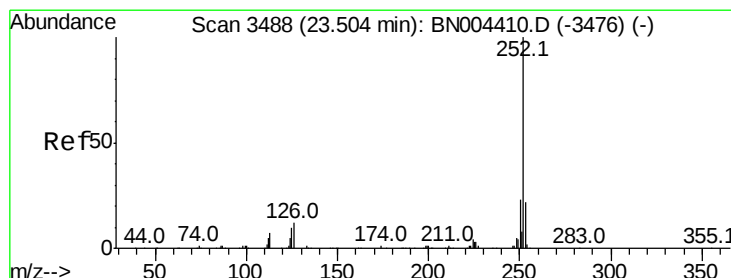
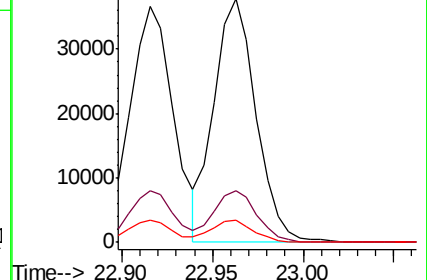
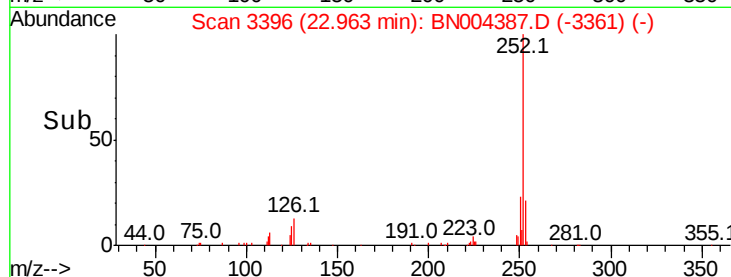
125 9.1 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(a)pyrene

Concen: 3.851 ng/ul

RT: 23.50 min Scan# 3488

Delta R.T. -0.00 min

Lab File: BN004387.D

Acq: 13 Feb 2019 11:45

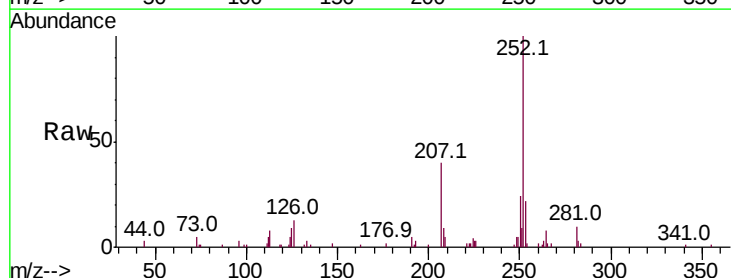
Tgt Ion:252 Resp: 63980

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

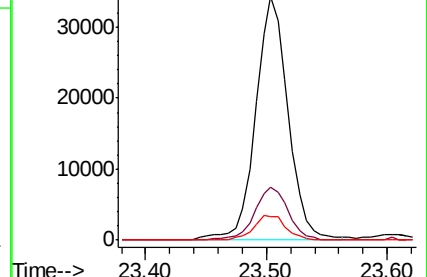
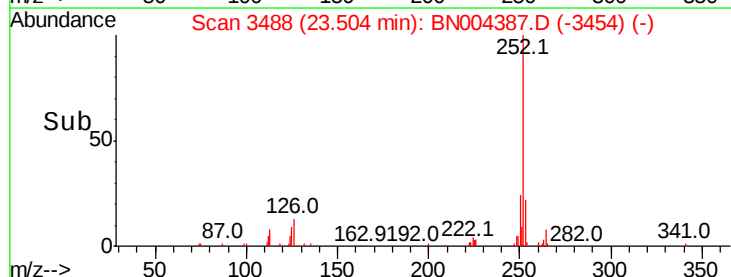
125 9.4 8.4 12.6

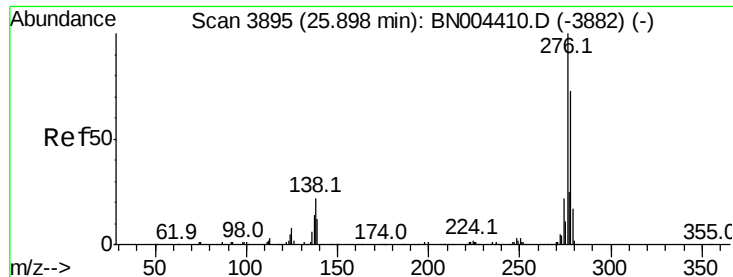


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Indeno(1,2,3-cd)pyrene

Concen: 3.755 ng/ul

RT: 25.89 min Scan# 3894

Delta R.T. -0.01 min

Lab File: BN004387.D

Acq: 13 Feb 2019 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-S-01

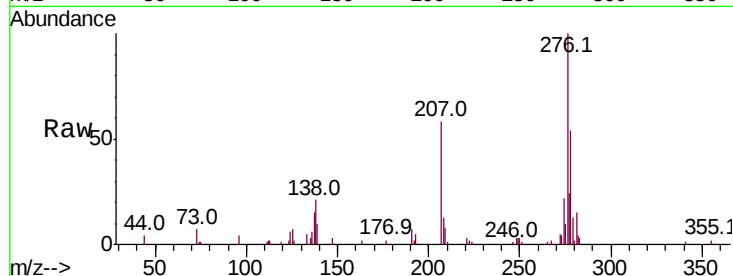
Tot Ion:276 Resp: 79223

Ion Ratio Lower Upper

276 100

138 20.6 18.7 28.1

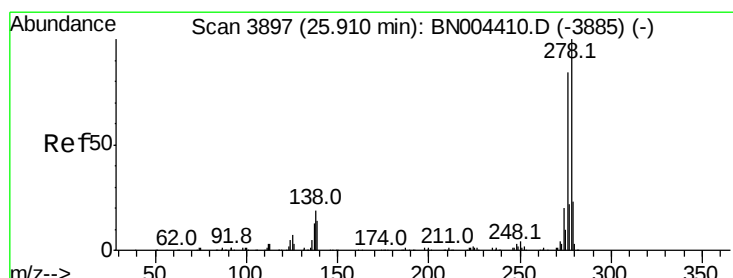
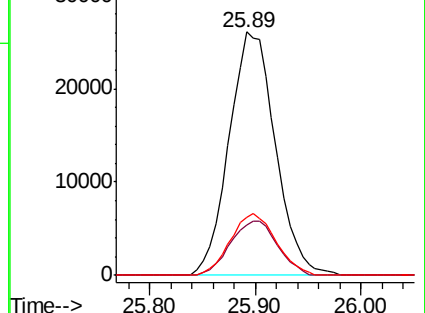
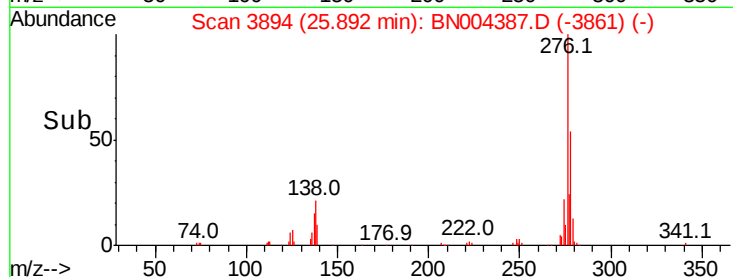
277 23.9 19.8 29.8



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



#93

Dibenzo(a,h)anthracene

Concen: 3.800 ng/ul

RT: 25.91 min Scan# 3897

Delta R.T. -0.00 min

Lab File: BN004387.D

Acq: 13 Feb 2019 11:45

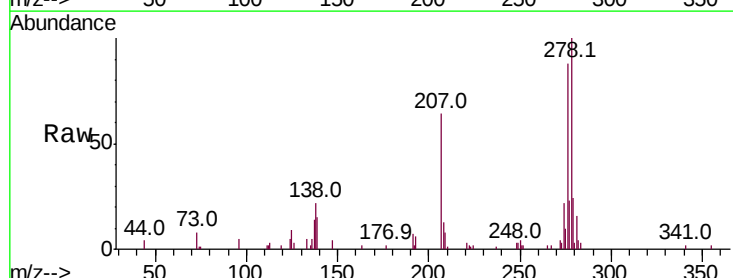
Tgt Ion:278 Resp: 66700

Ion Ratio Lower Upper

278 100

139 15.4 12.4 18.6

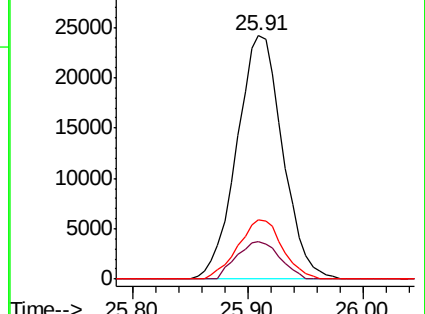
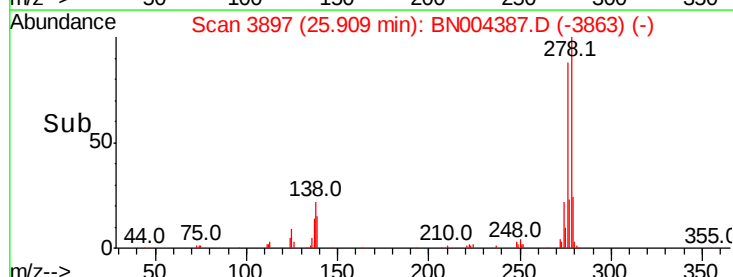
279 24.4 19.3 28.9

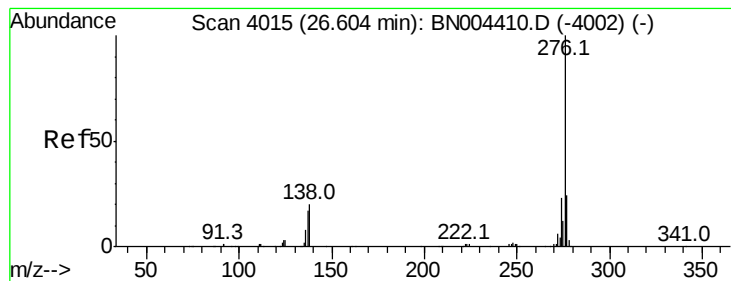


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94

Benzo(a,h,i)perylene

Concen: 3.846 ng/ul

RT: 26.60 min Scan# 4015

Delta R.T. -0.00 min

Lab File: BN004387.D

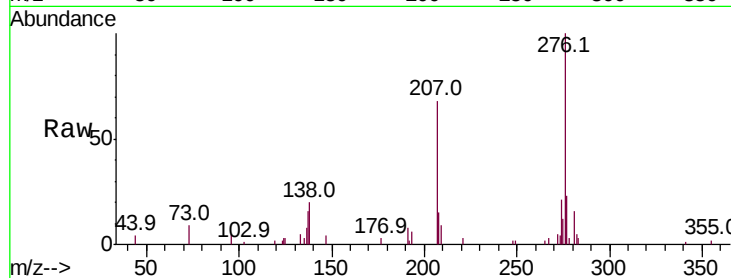
Acq: 13 Feb 2019 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-S-01



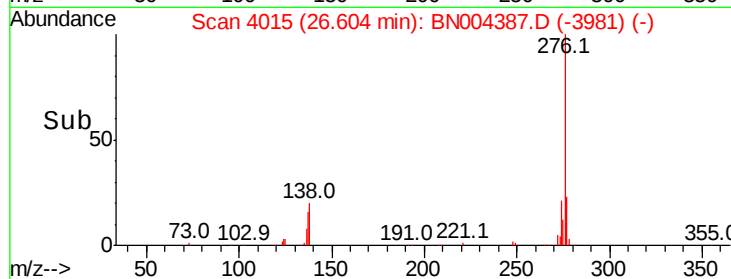
Tot Ion:276 Resp: 68011

Ion Ratio Lower Upper

276 100

138 19.5 16.7 25.1

277 22.9 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

