

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110618\
 Data File : BN003448.D
 Acq On : 07 Nov 2018 00:59
 Operator : MJ/SJ
 Sample : PB114560BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 07 08:30:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN102418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 07 08:25:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	102458	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	441981	20.00	ng	0.00
39) Acenaphthene-d10	14.49	164	252838	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	516896	20.00	ng	0.00
76) Chrysene-d12	21.41	240	415737	20.00	ng	0.00
87) Perylene-d12	23.72	264	420111	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	585429	99.52	ng	0.00
7) Phenol-d6	7.01	99	781523	93.43	ng	0.00
23) Nitrobenzene-d5	9.02	82	432999	56.18	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	330631	97.11	ng	0.00
45) 2-Fluorobiphenyl	13.11	172	1199867	64.37	ng	0.00
79) Terphenyl-d14	19.85	244	1424087	73.25	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	60176	21.55	ng	94
3) Pyridine	3.73	79	177629	27.83	ng	92
4) n-Nitrosodimethylamine	3.65	42	71978	30.63	ng	90
6) Aniline	7.18	93	194365	18.61	ng	97
8) 2-Chlorophenol	7.41	128	251527	34.72	ng	95
9) Benzaldehyde	7.00	77	125833	25.90	ng	96
10) Phenol	7.03	94	296377	33.58	ng	96
11) bis(2-Chloroethyl)ether	7.28	93	209267	29.03	ng	92
12) 1,3-Dichlorobenzene	7.74	146	247537	30.73	ng	97
13) 1,4-Dichlorobenzene	7.89	146	254788	30.72	ng	98
14) 1,2-Dichlorobenzene	8.20	146	245565	30.50	ng	99
15) Benzyl Alcohol	8.09	79	191743	31.81	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.38	45	274213	25.94	ng	97
17) 2-Methylphenol	8.29	107	209051	34.65	ng	97
18) Hexachloroethane	8.92	117	85943	29.58	ng	96
19) n-Nitroso-di-n-propylamine	8.66	70	161949	26.85	ng	95
20) 3+4-Methylphenols	8.61	107	282687	32.99	ng	98
22) Acetophenone	8.68	105	338072	31.56	ng	# 97
24) Nitrobenzene	9.06	77	236232	30.04	ng	94
25) Isophorone	9.58	82	456114	33.74	ng	97
26) 2-Nitrophenol	9.76	139	132327	31.97	ng	95
27) 2,4-Dimethylphenol	9.82	122	240786	41.37	ng	98
28) bis(2-Chloroethoxy)methane	10.06	93	299283	32.86	ng	98
29) 2,4-Dichlorophenol	10.29	162	247667	37.29	ng	98
30) 1,2,4-Trichlorobenzene	10.51	180	245128	32.47	ng	99
31) Naphthalene	10.70	128	747944	34.63	ng	99
32) Benzoic acid	9.92	122	98893	22.80	ng	93
33) 4-Chloroaniline	10.81	127	81911	8.58	ng	96
34) Hexachlorobutadiene	10.96	225	144912	32.16	ng	99
35) Caprolactam	11.59	113	38009	14.62	ng	# 83
36) 4-Chloro-3-methylphenol	11.92	107	245308	33.12	ng	94
37) 2-Methylnaphthalene	12.31	142	563396	36.50	ng	99
38) 1-Methylnaphthalene	12.53	142	529690	35.14	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.67	216	291425	34.84	ng	99

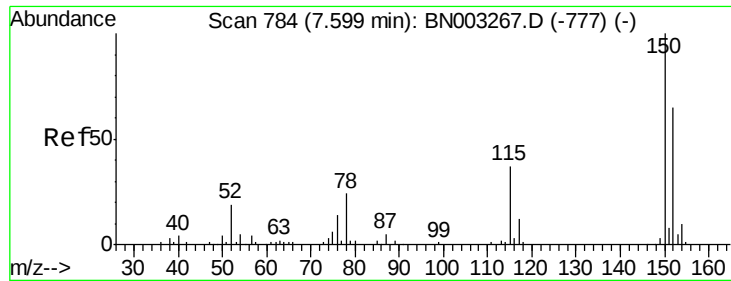
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110618\
 Data File : BN003448.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 07 08:25:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.64	237	362759	97.79	nq	99
43) 2,4,6-Trichlorophenol	12.92	196	196902	37.26	nq	100
44) 2,4,5-Trichlorophenol	12.98	196	212574	38.56	nq	97
46) 1,1'-Biphenyl	13.32	154	712928	32.13	nq	99
47) 2-Chloronaphthalene	13.36	162	550428	33.63	nq	99
48) 2-Nitroaniline	13.57	65	136940	28.47	nq	87
49) Acenaphthylene	14.21	152	894537	35.70	nq	100
50) Dimethylphthalate	13.95	163	685657	33.54	nq	99
51) 2,6-Dinitrotoluene	14.07	165	151128	32.57	nq	96
52) Acenaphthene	14.55	154	513646	33.84	nq	98
53) 3-Nitroaniline	14.40	138	82478	16.63	nq	93
54) 2,4-Dinitrophenol	14.60	184	59324	26.89	nq	90
55) Dibenzofuran	14.89	168	823959	33.36	nq	99
56) 4-Nitrophenol	14.70	139	329025	91.21	nq	93
57) 2,4-Dinitrotoluene	14.86	165	200857	31.93	nq	# 76
58) Fluorene	15.53	166	647082	33.95	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.10	232	185071	38.23	nq	97
60) Diethylphthalate	15.30	149	663951	32.00	nq	100
61) 4-Chlorophenyl-phenylether	15.53	204	338827	32.00	nq	99
62) 4-Nitroaniline	15.56	138	145936	30.12	nq	97
63) Azobenzene	15.82	77	572348	29.85	nq	93
65) 4,6-Dinitro-2-methylphenol	15.61	198	59842	16.59	nq	95
66) n-Nitrosodiphenylamine	15.75	169	569915	35.22	nq	99
67) 4-Bromophenyl-phenylether	16.42	248	218045	37.46	nq	96
68) Hexachlorobenzene	16.53	284	242685	36.59	nq	96
69) Atrazine	16.69	200	199676	34.82	nq	97
70) Pentachlorophenol	16.87	266	237958	71.76	nq	100
71) Phenanthrene	17.27	178	953982	35.11	nq	99
72) Anthracene	17.36	178	965084	35.59	nq	98
73) Carbazole	17.63	167	845072	30.09	nq	99
74) Di-n-butylphthalate	18.19	149	1035315	31.61	nq	100
75) Fluoranthene	19.29	202	979083	30.58	nq	99
77) Benzidine	19.47	184	277626	22.81	nq	100
78) Pyrene	19.65	202	966338	39.55	nq	99
80) Butylbenzylphthalate	20.54	149	400524	35.30	nq	94
81) Benzo(a)anthracene	21.39	228	849157	35.07	nq	98
82) 3,3'-Dichlorobenzidine	21.33	252	167733	16.74	nq	98
83) Chrysene	21.45	228	784199	33.69	nq	99
84) Bis(2-ethylhexyl)phthalate	21.30	149	573046	34.06	nq	100
85) Di-n-octyl phthalate	22.20	149	893435	30.94	nq	98
86) Indeno(1,2,3-cd)pyrene	26.09	276	1021553	38.30	nq	99
88) Benzo(b)fluoranthene	23.02	252	852490	36.85	nq	99
89) Benzo(k)fluoranthene	23.07	252	816095	35.97	nq	99
90) Benzo(a)pyrene	23.62	252	812345	36.85	nq	99
91) Dibenzo(a,h)anthracene	26.10	278	854623	39.17	nq	98
92) Benzo(g,h,i)perylene	26.82	276	847013	40.43	nq	99

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

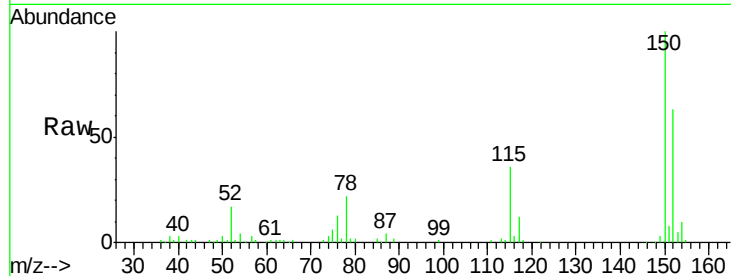


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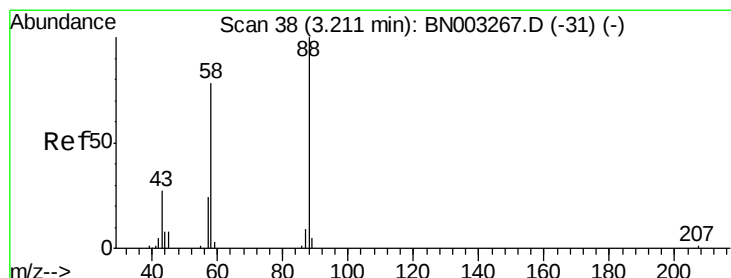
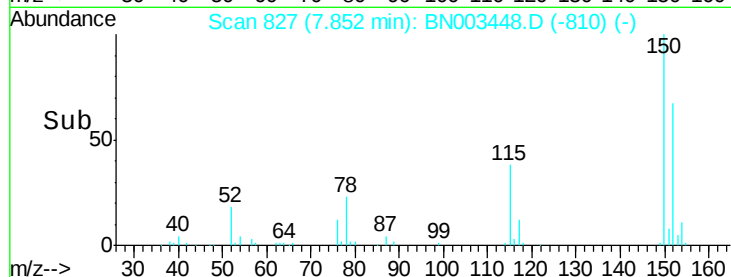
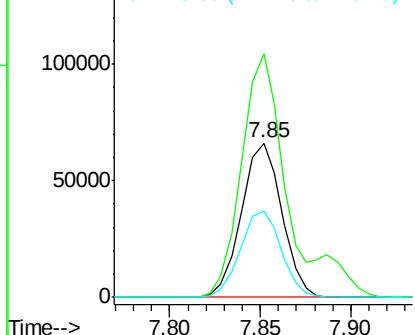
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 827
Delta R.T. 0.00 min
Lab File: BN003448.D
Acq: 07 Nov 2018 00:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	123.8	185.8
115	56.0	45.9	68.9



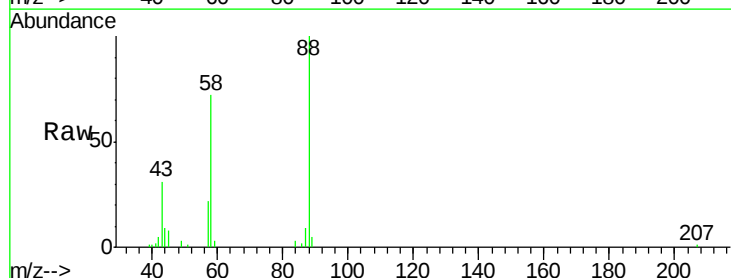
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



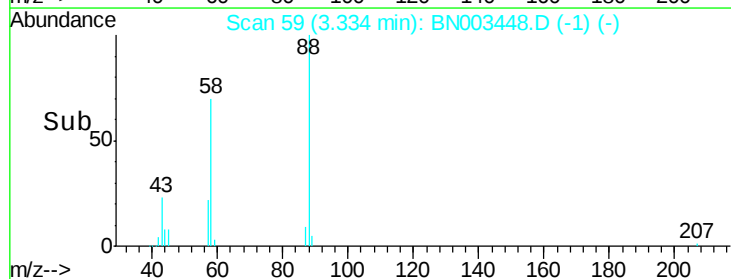
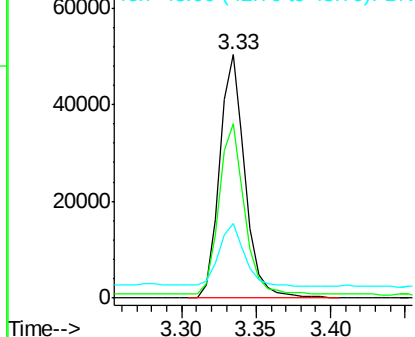
#2

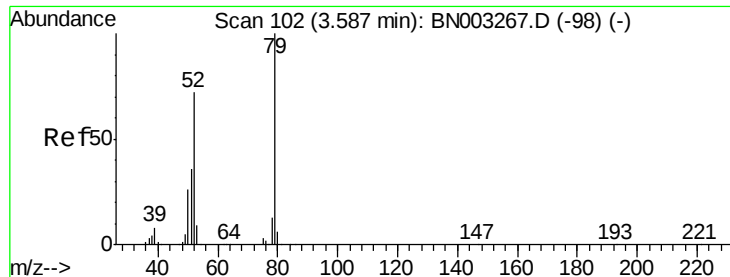
1,4-Dioxane
Concen: 21.55 ng
RT: 3.33 min Scan# 59
Delta R.T. 0.00 min
Lab File: BN003448.D
Acq: 07 Nov 2018 00:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.1	61.1	91.7
43	25.7	22.2	33.4



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



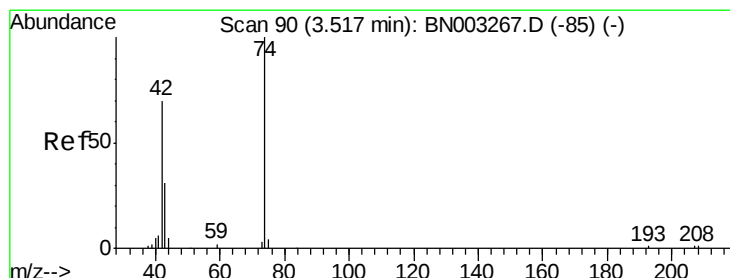
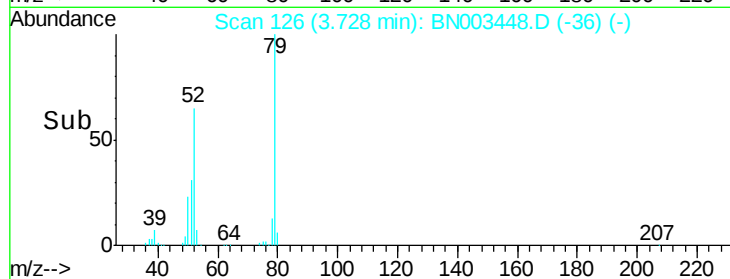
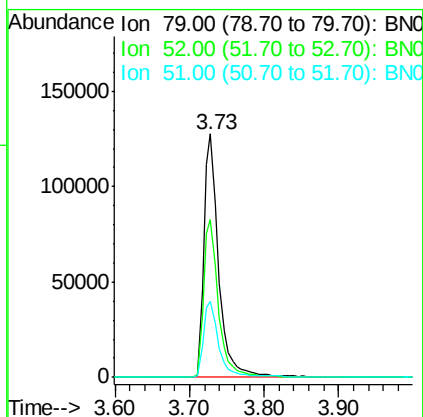
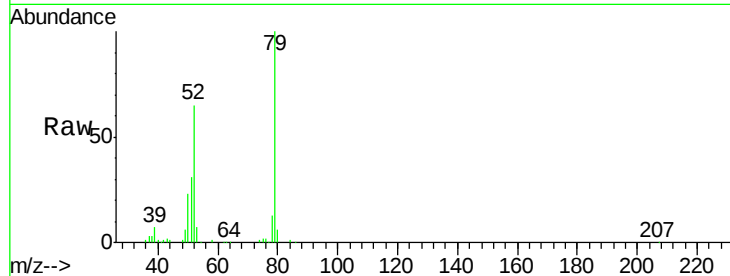


#3
Pvridine
Concen: 27.83 ng
RT: 3.73 min Scan# 126
Delta R.T. 0.00 min
Lab File: BN003448.D
Acq: 07 Nov 2018 00:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 79 Resp: 177629

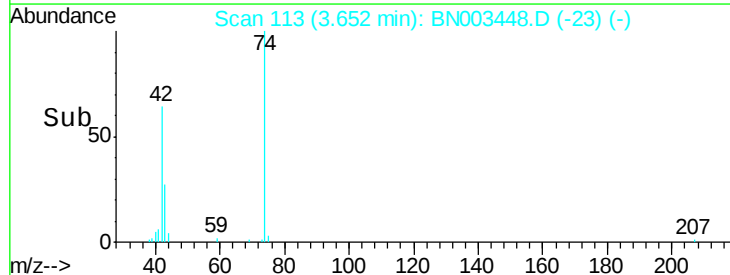
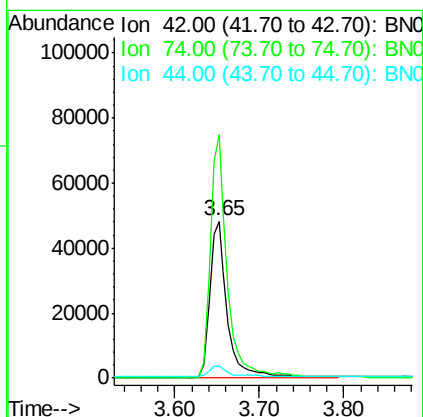
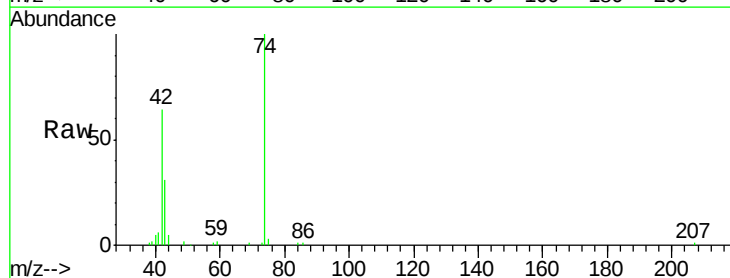
Ion	Ratio	Lower	Upper
79	100		
52	65.1	57.7	86.5
51	31.4	28.7	43.1

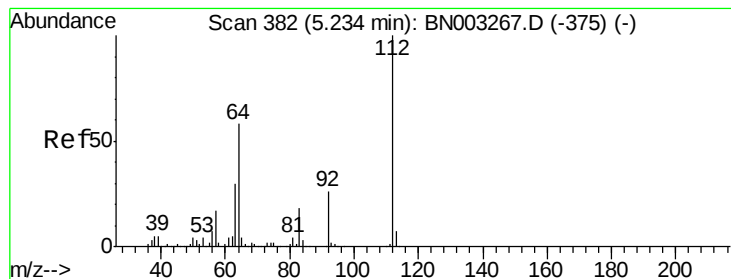


#4
n-Nitrosodimethylamine
Concen: 30.63 ng
RT: 3.65 min Scan# 113
Delta R.T. 0.00 min
Lab File: BN003448.D
Acq: 07 Nov 2018 00:59

Tgt Ion: 42 Resp: 71978

Ion	Ratio	Lower	Upper
42	100		
74	155.1	114.2	171.4
44	7.9	6.1	9.1





#5

2-Fluorophenol

Concen: 99.52 ng

RT: 5.42 min Scan# 413

Delta R.T. 0.01 min

Lab File: BN003448.D

Acq: 07 Nov 2018 00:59

Instrument :

BNA_N

ClientSampled :

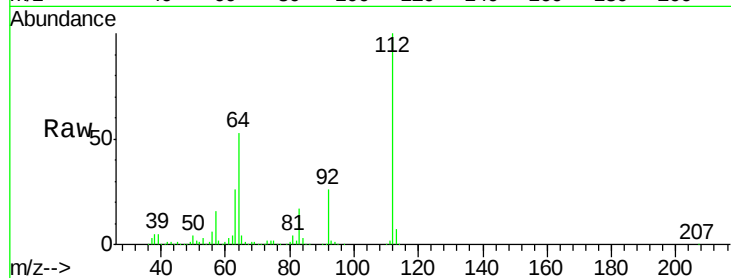
Tot Ion:112 Resp: 585429

Ion Ratio Lower Upper

112 100

64 53.4 46.6 69.8

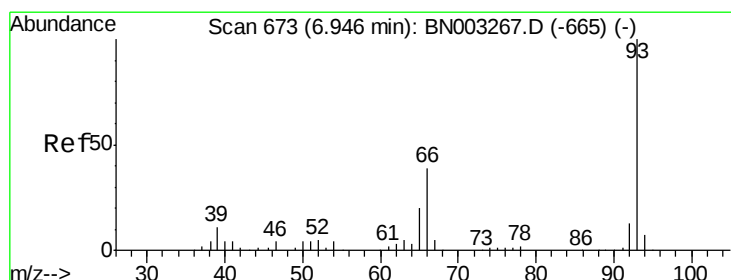
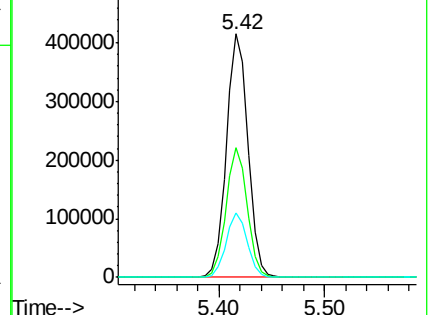
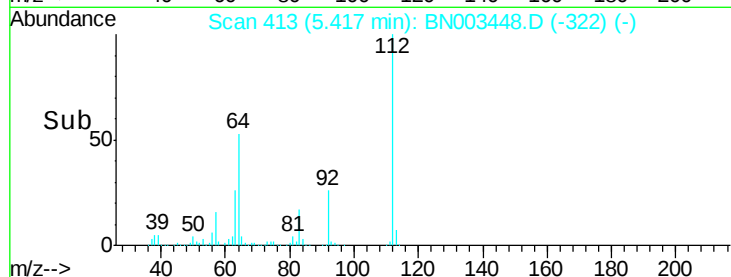
63 26.3 23.8 35.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#6

Aniline

Concen: 18.61 ng

RT: 7.18 min Scan# 713

Delta R.T. 0.00 min

Lab File: BN003448.D

Acq: 07 Nov 2018 00:59

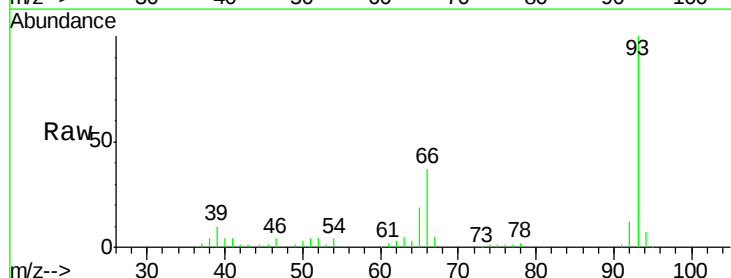
Tgt Ion: 93 Resp: 194365

Ion Ratio Lower Upper

93 100

66 36.8 31.4 47.0

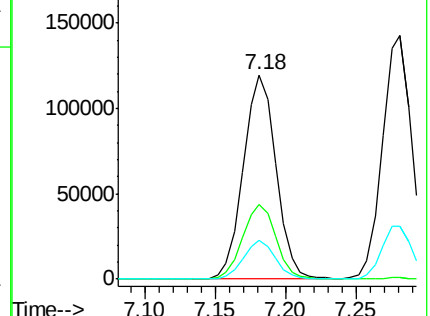
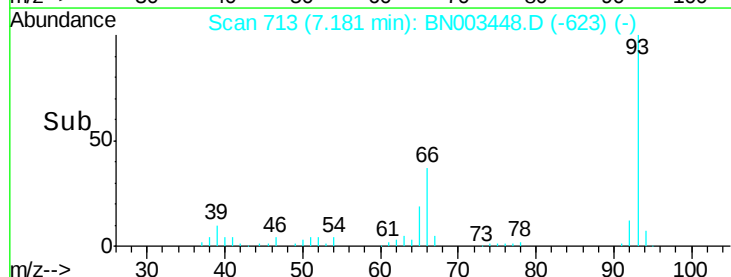
65 18.9 15.7 23.5

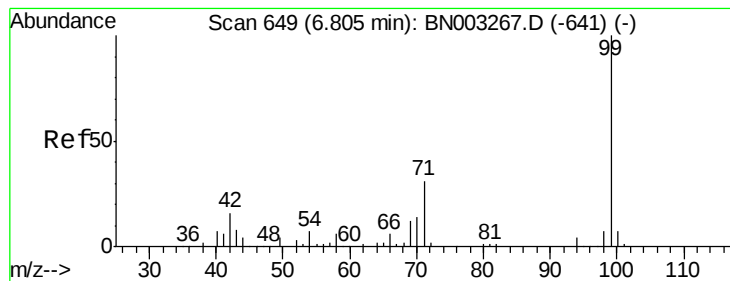


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 93.43 ng

RT: 7.01 min Scan# 684

Delta R.T. 0.00 min

Lab File: BN003448.D

Acq: 07 Nov 2018 00:59

Instrument :

BNA_N

ClientSampleId :

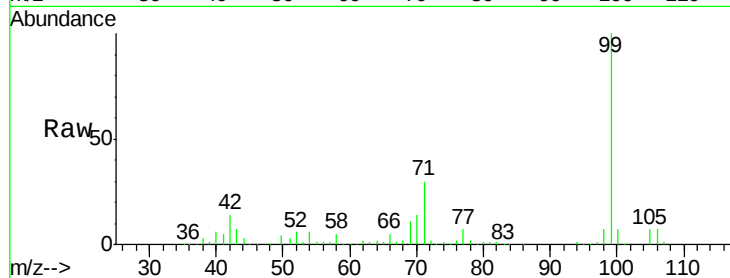
Tot Ion: 99 Resp: 781523

Ion Ratio Lower Upper

99 100

42 14.4 13.0 19.6

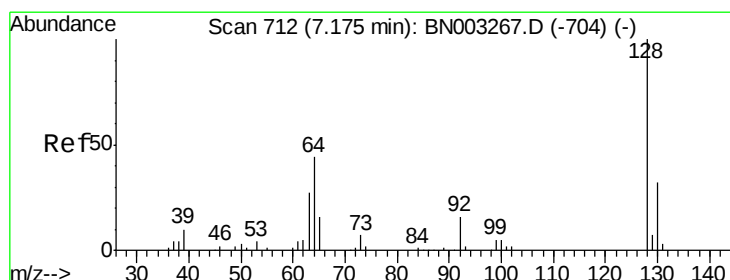
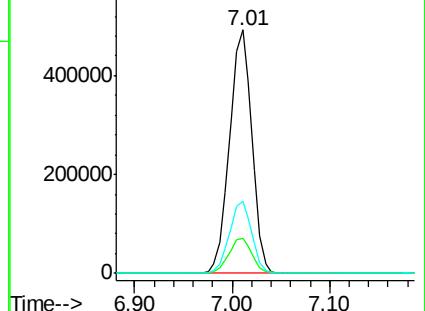
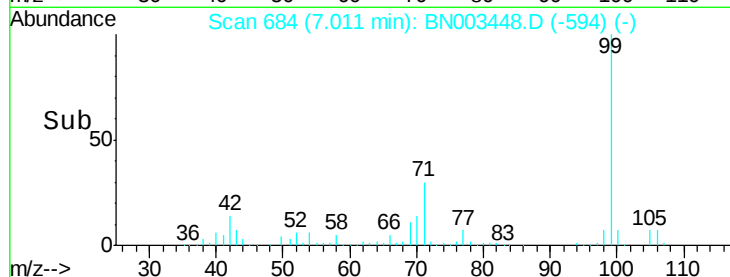
71 29.6 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BN003448.D (-594) (-)

Ion 42.00 (41.70 to 42.70): BN003448.D (-594) (-)

Ion 71.00 (70.70 to 71.70): BN003448.D (-594) (-)



#8

2-Chlorophenol

Concen: 34.72 ng

RT: 7.41 min Scan# 752

Delta R.T. 0.00 min

Lab File: BN003448.D

Acq: 07 Nov 2018 00:59

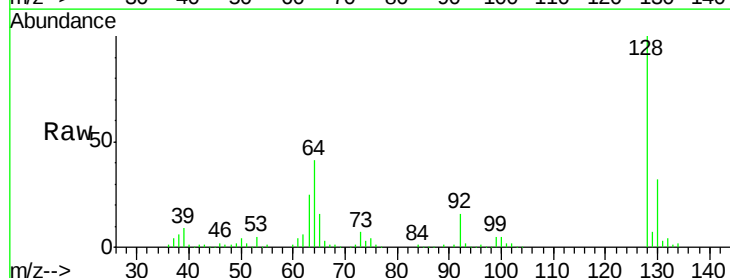
Tgt Ion: 128 Resp: 251527

Ion Ratio Lower Upper

128 100

130 32.3 12.4 52.4

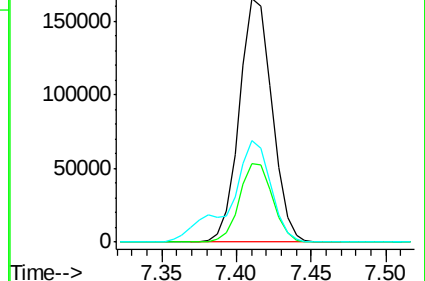
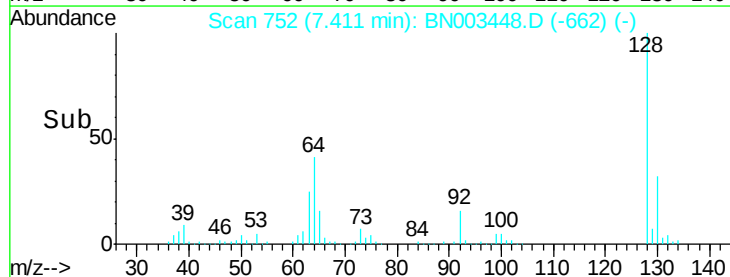
64 41.5 27.0 67.0

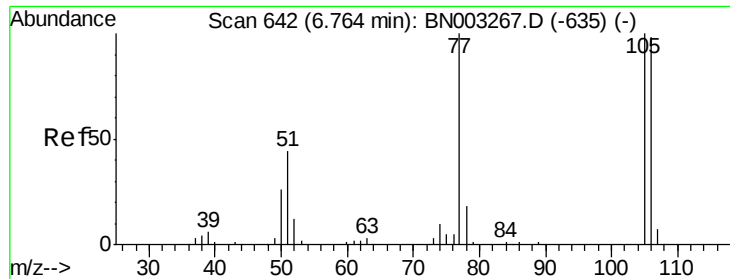


Abundance Ion 128.00 (127.70 to 128.70): BN003448.D (-662) (-)

Ion 130.00 (129.70 to 130.70): BN003448.D (-662) (-)

Ion 64.00 (63.70 to 64.70): BN003448.D (-662) (-)





#9

Benzaldehyde

Concen: 25.90 ng

RT: 7.00 min Scan# 682

Delta R.T. 0.00 min

Lab File: BN003448.D

Acq: 07 Nov 2018 00:59

Instrument :

BNA_N

ClientSampleId :

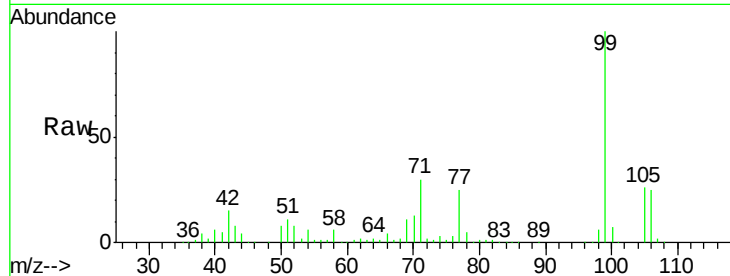
Tot Ion: 77 Resp: 125833

Ion Ratio Lower Upper

77 100

105 104.8 79.9 119.9

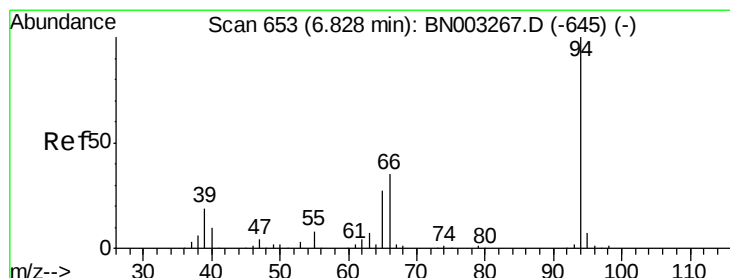
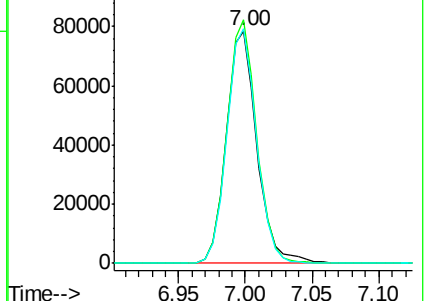
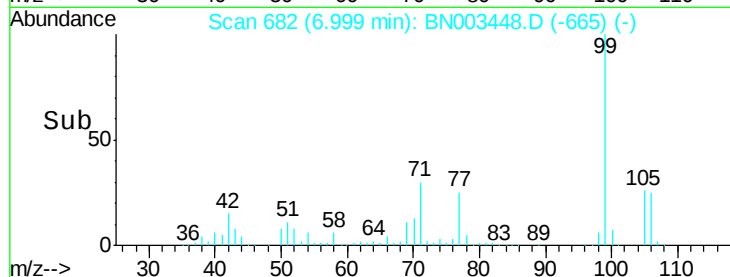
106 101.2 78.4 118.4



Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 105.00 (104.70 to 105.70): BN0

Ion 106.00 (105.70 to 106.70): BN0



#10

Phenol

Concen: 33.58 ng

RT: 7.03 min Scan# 688

Delta R.T. 0.00 min

Lab File: BN003448.D

Acq: 07 Nov 2018 00:59

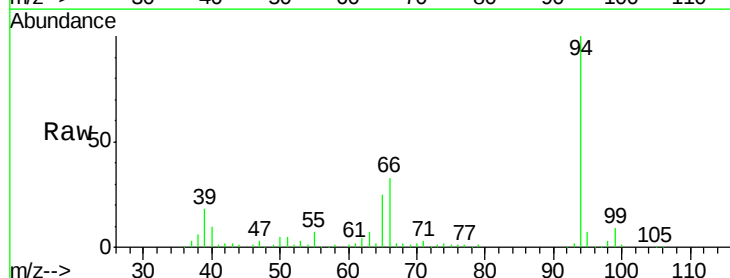
Tgt Ion: 94 Resp: 296377

Ion Ratio Lower Upper

94 100

65 25.5 7.7 47.7

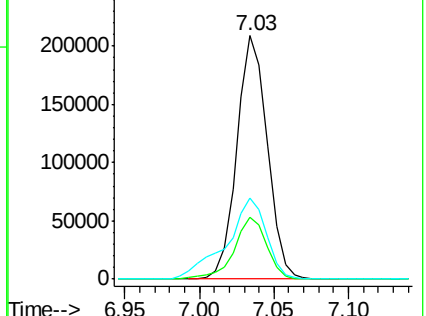
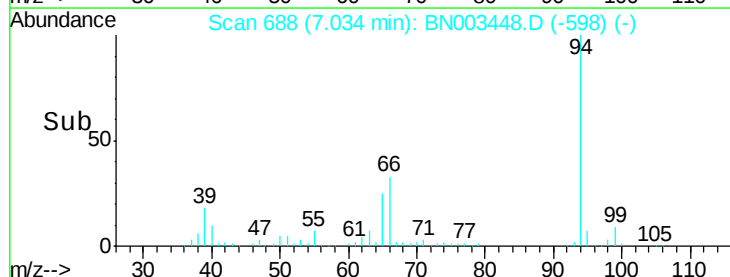
66 33.2 15.8 55.8

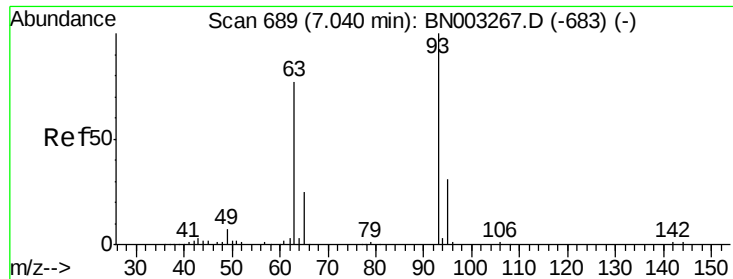


Abundance Ion 94.00 (93.70 to 94.70): BN0

Ion 65.00 (64.70 to 65.70): BN0

Ion 66.00 (65.70 to 66.70): BN0

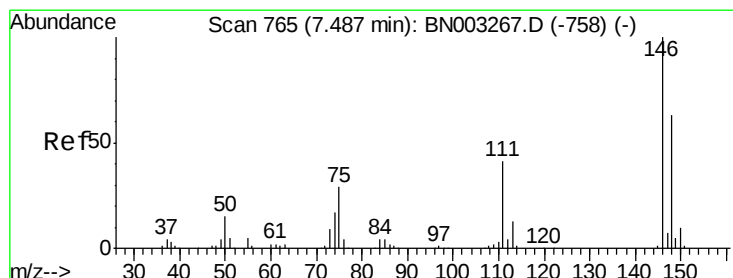
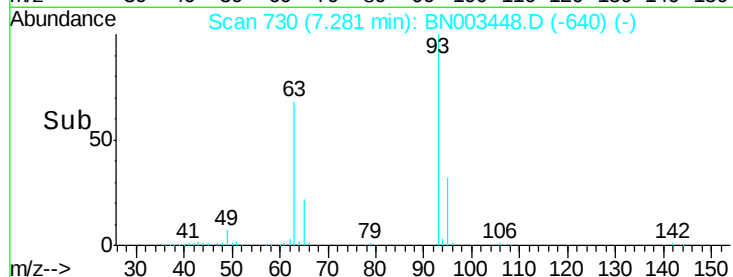
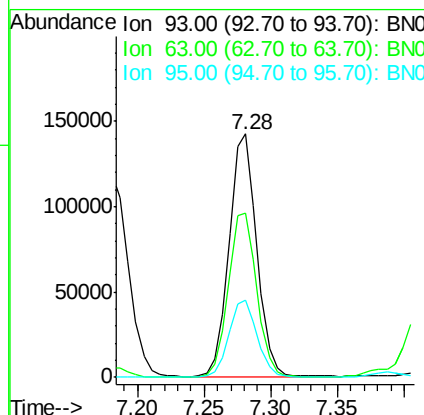
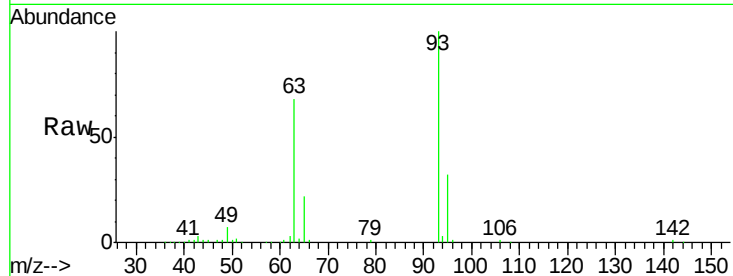




#11
bis(2-Chloroethyl)ether
Concen: 29.03 ng
RT: 7.28 min Scan# 730
Delta R.T. 0.00 min
Lab File: BN003448.D
Acq: 07 Nov 2018 00:59

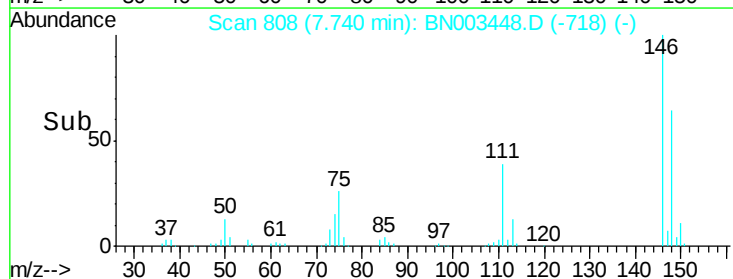
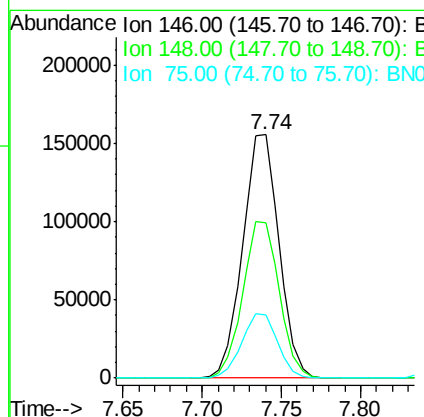
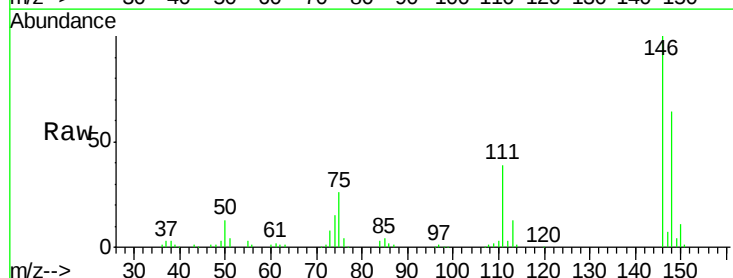
Instrument :
BNA_N
ClientSampleId :

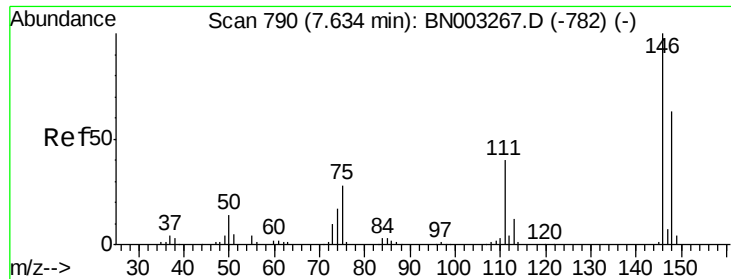
Tot Ion	Ratio	Lower	Upper
93	100		
63	67.6	56.6	96.6
95	31.8	10.9	50.9



#12
1,3-Dichlorobenzene
Concen: 30.73 ng
RT: 7.74 min Scan# 808
Delta R.T. 0.00 min
Lab File: BN003448.D
Acq: 07 Nov 2018 00:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.1	75.1
75	25.8	22.9	34.3

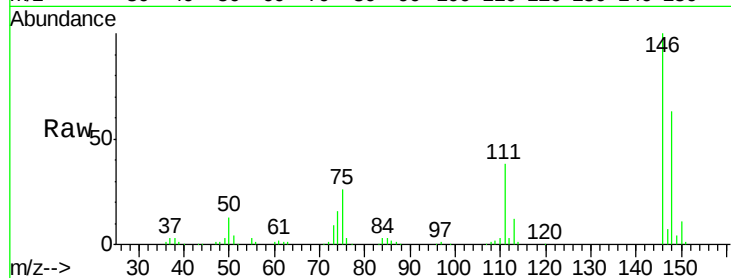




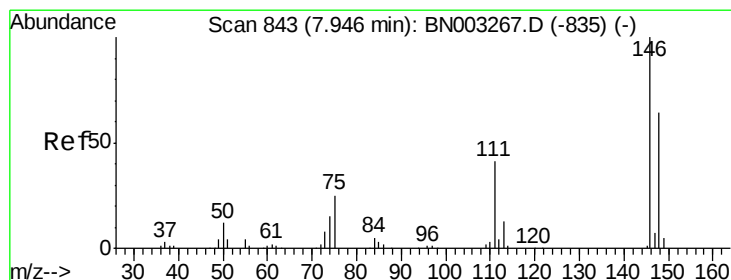
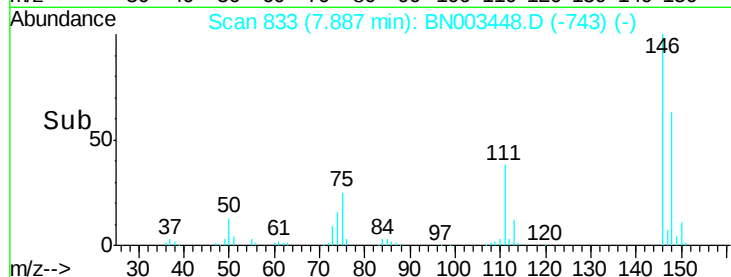
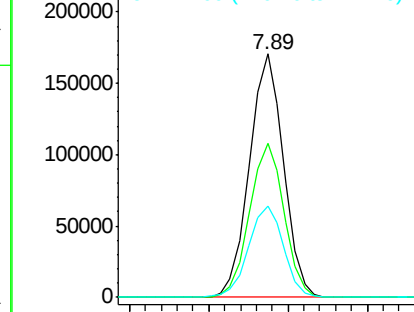
#13
 1,4-Dichlorobenzene
 Concen: 30.72 ng
 RT: 7.89 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BN003448.D
 Acq: 07 Nov 2018 00:59

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:146 Resp: 254788
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.2 75.2
 111 37.6 32.1 48.1

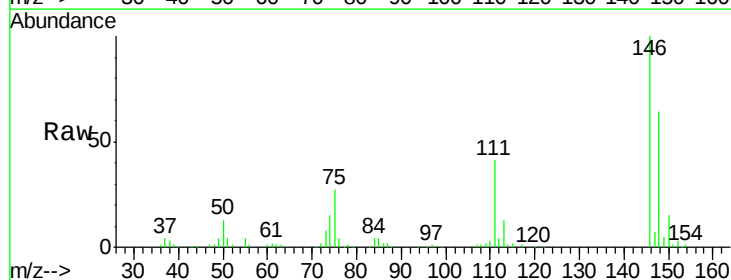


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

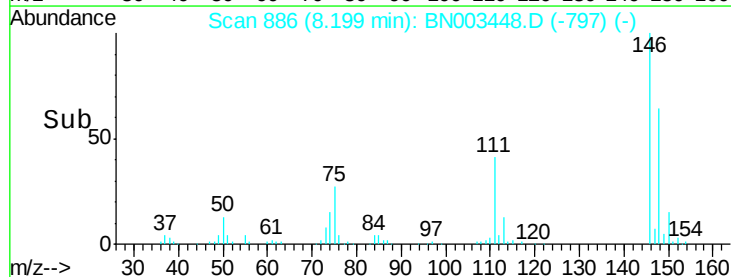
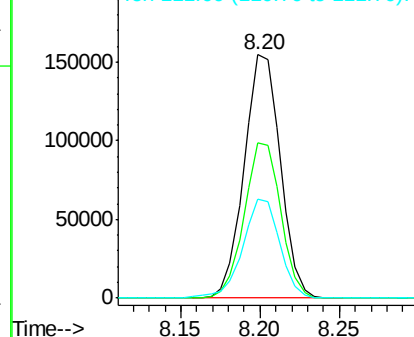


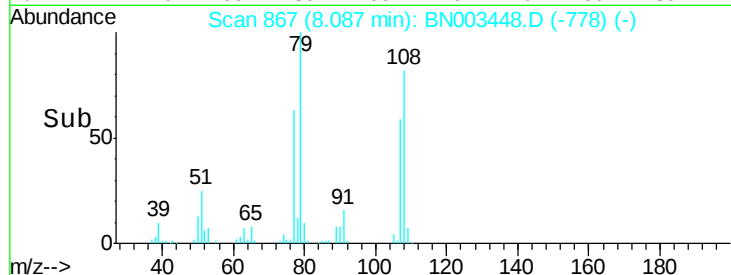
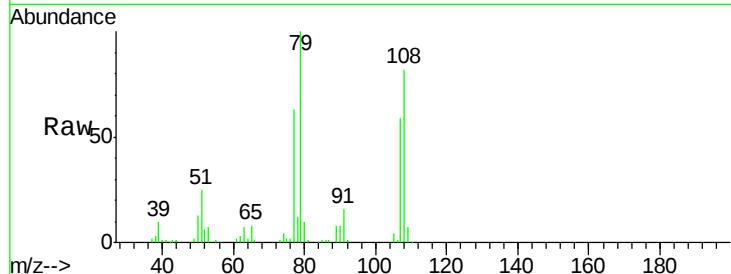
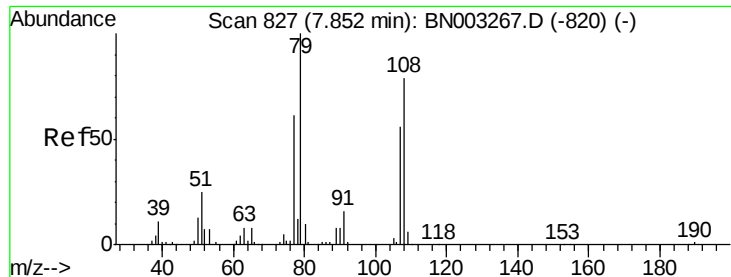
#14
 1,2-Dichlorobenzene
 Concen: 30.50 ng
 RT: 8.20 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BN003448.D
 Acq: 07 Nov 2018 00:59

Tgt Ion:146 Resp: 245565
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.4 77.2
 111 40.7 33.1 49.7



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

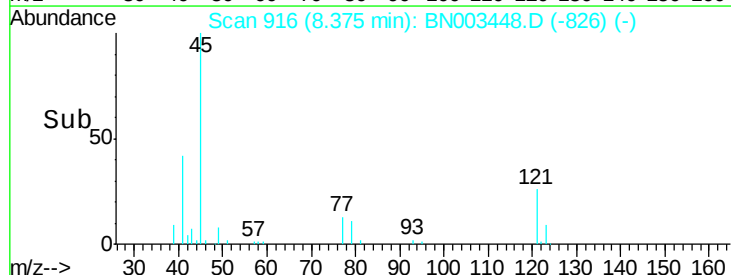
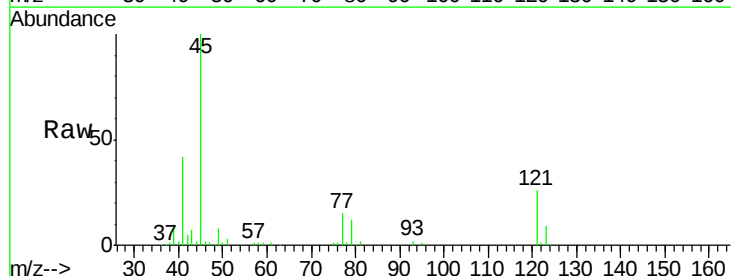
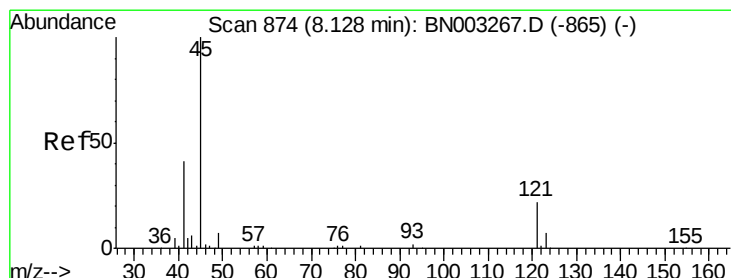
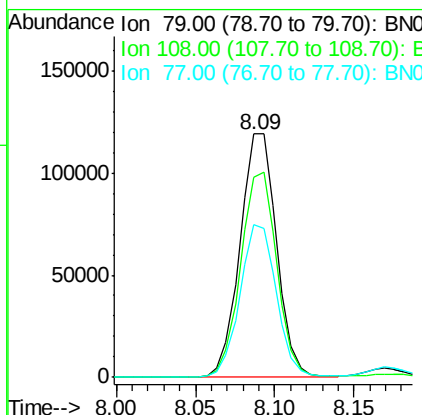




#15
Benzyl Alcohol
Concen: 31.81 ng
RT: 8.09 min Scan# 867
Delta R.T. -0.01 min
Lab File: BN003448.D
Acq: 07 Nov 2018 00:59

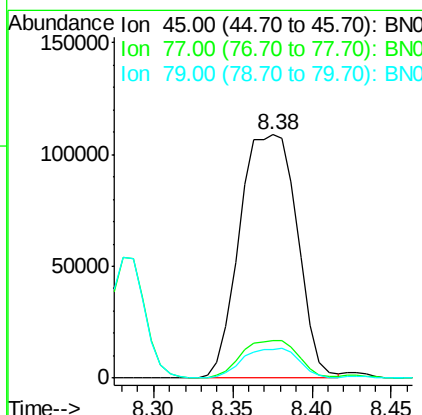
Instrument :
BNA_N
ClientSampleId :

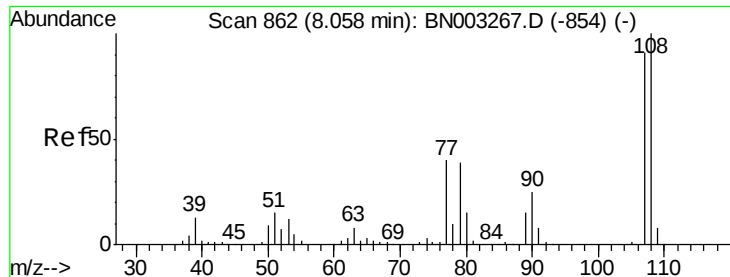
Tot Ion: 79 Resp: 191743
Ion Ratio Lower Upper
79 100
108 82.2 63.3 94.9
77 62.5 49.0 73.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 25.94 ng
RT: 8.38 min Scan# 916
Delta R.T. 0.00 min
Lab File: BN003448.D
Acq: 07 Nov 2018 00:59

Tgt Ion: 45 Resp: 274213
Ion Ratio Lower Upper
45 100
77 15.3 0.0 34.0
79 12.0 0.0 30.9

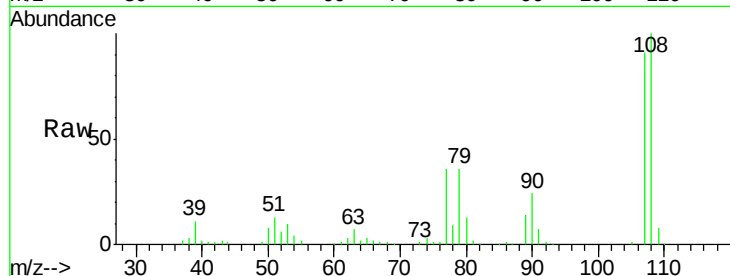




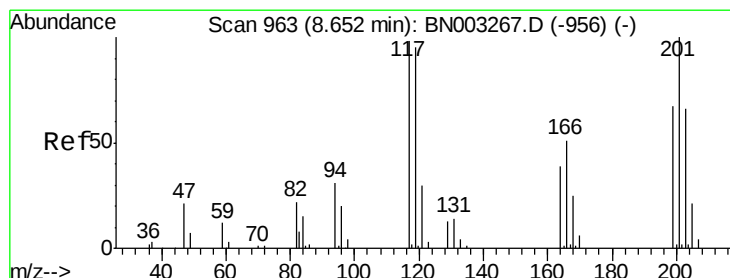
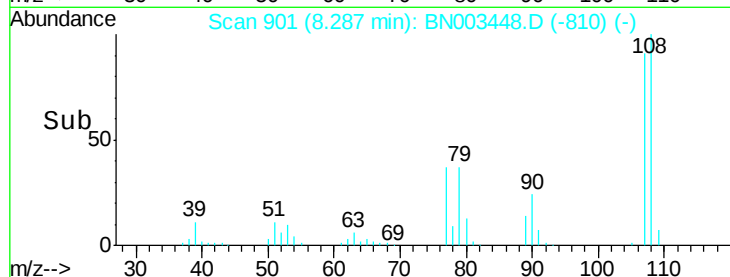
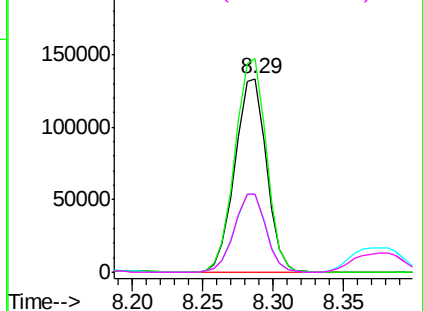
#17
2-Methylphenol
Concen: 34.65 ng
RT: 8.29 min Scan# 901
Delta R.T. 0.01 min
Lab File: BN003448.D
Acq: 07 Nov 2018 00:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion:	107	Resp:	209051
Ion	Ratio	Lower	Upper
107	100		
108	110.1	87.6	131.4
77	40.1	35.3	52.9
79	40.2	34.2	51.4

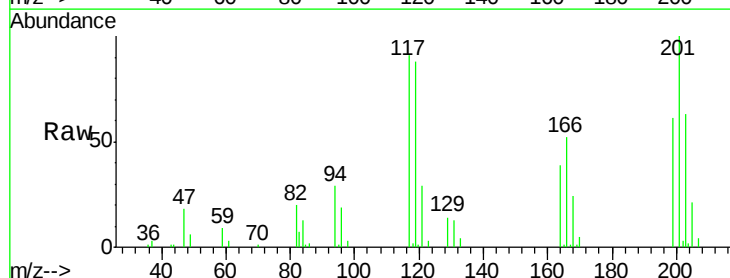


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BNC
Ion 79.00 (78.70 to 79.70): BNC

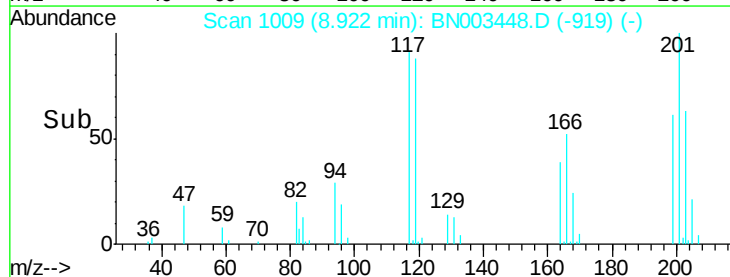
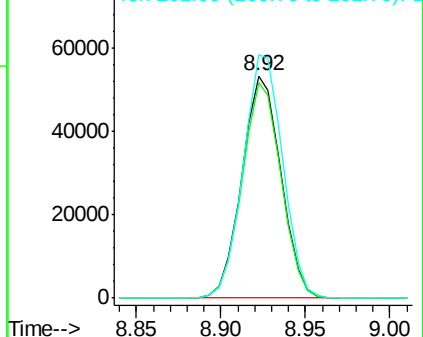


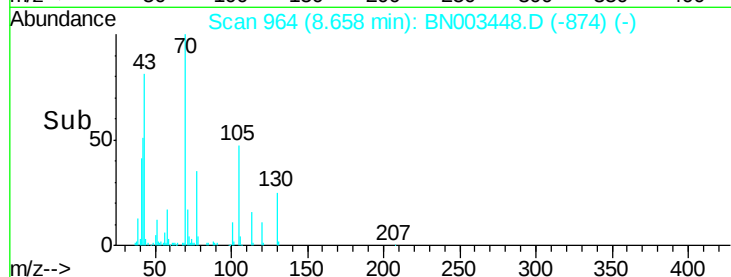
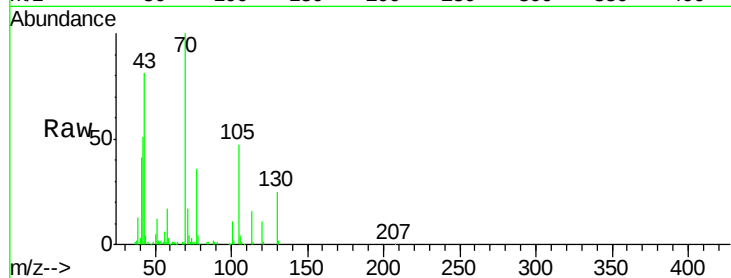
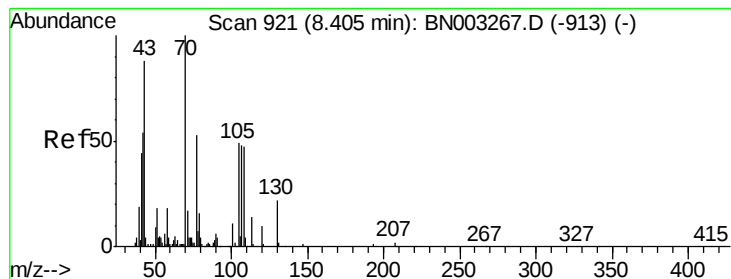
#18
Hexachloroethane
Concen: 29.58 ng
RT: 8.92 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BN003448.D
Acq: 07 Nov 2018 00:59

Tgt Ion:	117	Resp:	85943
Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.8	116.6
201	109.4	81.4	122.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 26.85 ng

RT: 8.66 min Scan# 964

Delta R.T. 0.00 min

Lab File: BN003448.D

Acq: 07 Nov 2018 00:59

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 161949

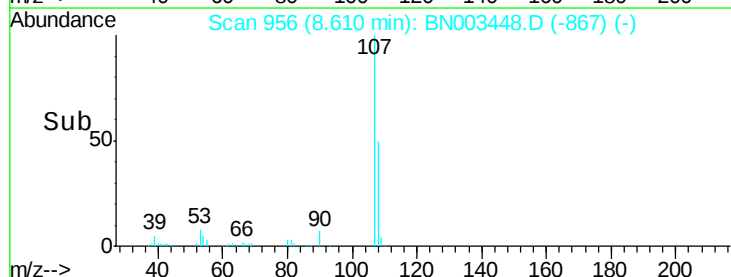
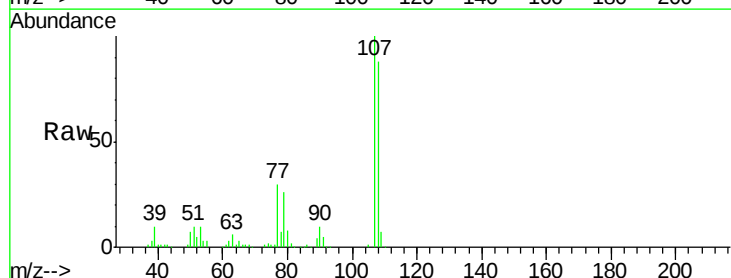
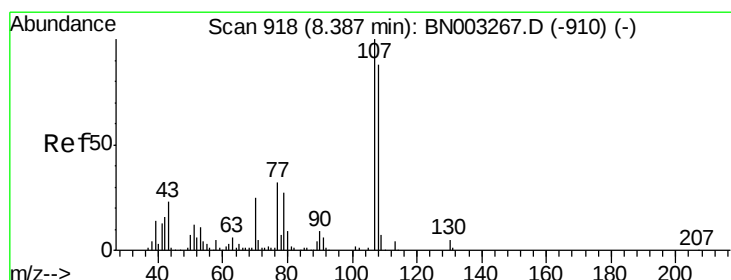
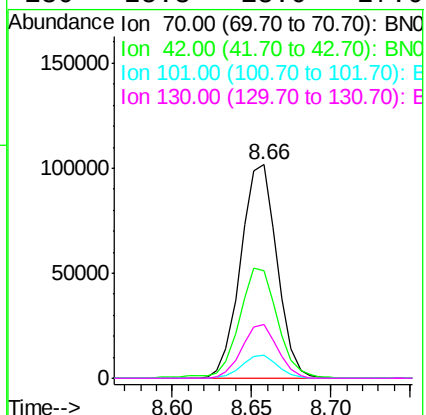
Ion Ratio Lower Upper

70 100

42 50.6 43.5 65.3

101 11.0 8.6 12.8

130 25.3 18.0 27.0



#20

3+4-Methylphenols

Concen: 32.99 ng

RT: 8.61 min Scan# 956

Delta R.T. -0.01 min

Lab File: BN003448.D

Acq: 07 Nov 2018 00:59

Tgt Ion:107 Resp: 282687

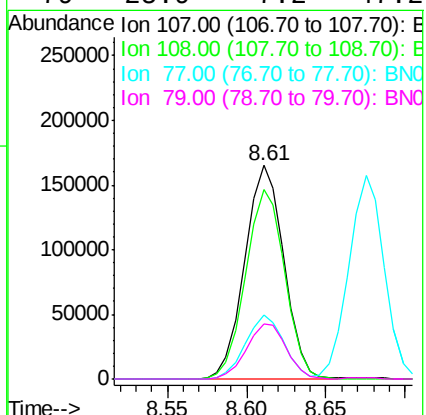
Ion Ratio Lower Upper

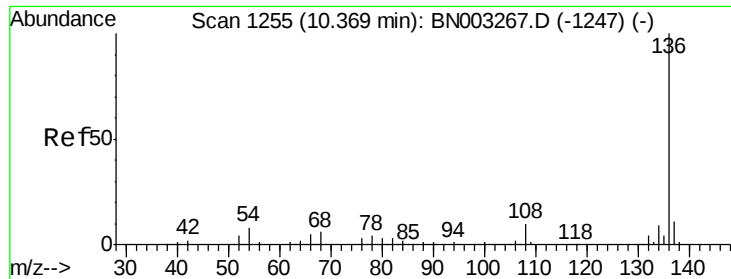
107 100

108 88.4 67.8 107.8

77 30.0 12.1 52.1

79 25.9 7.2 47.2

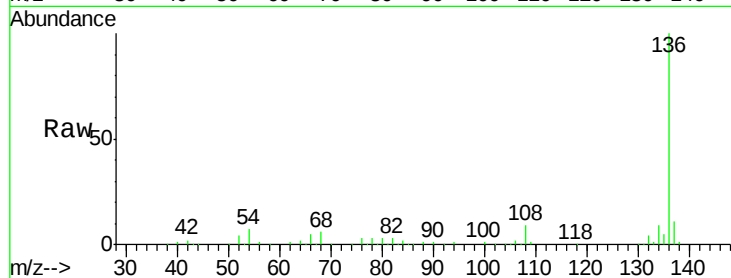




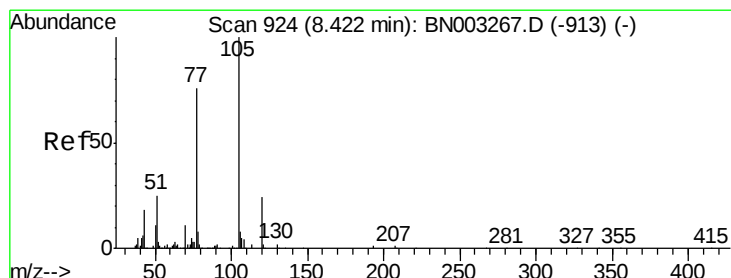
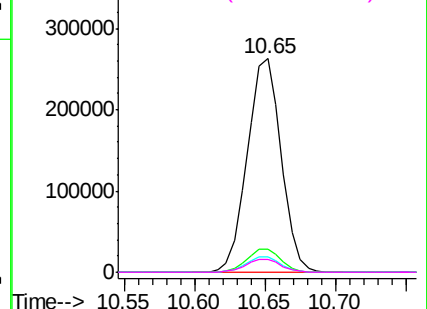
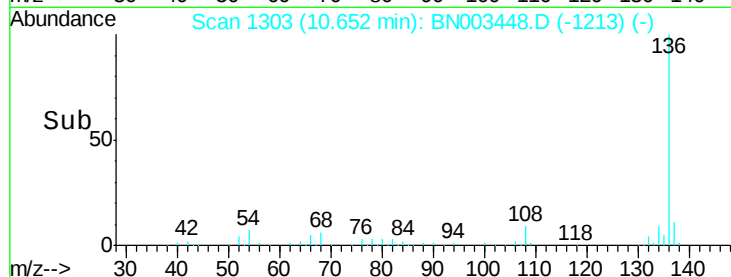
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.65 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BN003448.D
Acq: 07 Nov 2018 00:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion:136	Resp:	441981
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.7 13.1
54	7.3	6.6 10.0
68	5.9	4.6 7.0

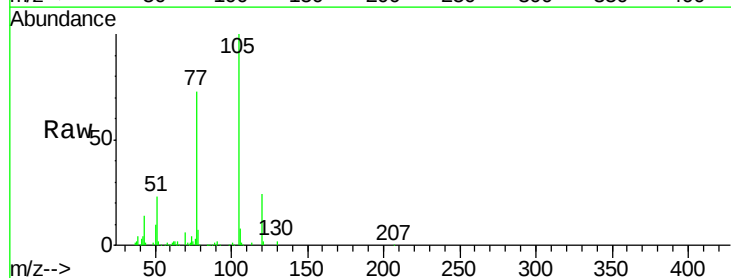


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

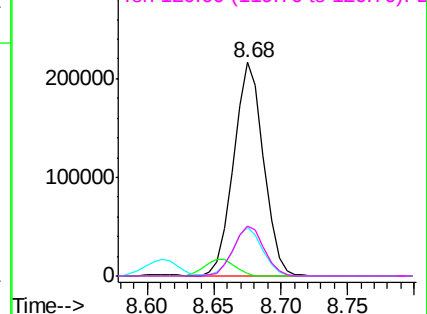
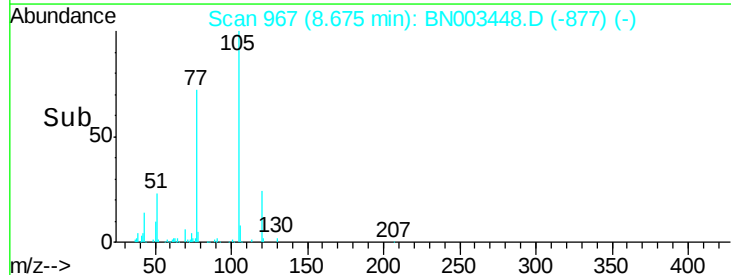


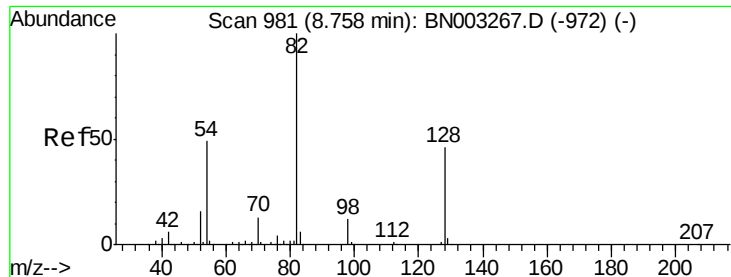
#22
Acetophenone
Concen: 31.56 ng
RT: 8.68 min Scan# 967
Delta R.T. 0.00 min
Lab File: BN003448.D
Acq: 07 Nov 2018 00:59

Tgt Ion:105	Resp:	338072
Ion Ratio	Lower	Upper
105	100	
71	1.1	1.3 1.9#
51	22.8	20.5 30.7
120	23.5	19.0 28.6



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BNC
Ion 51.00 (50.70 to 51.70): BNC
Ion 120.00 (119.70 to 120.70): E

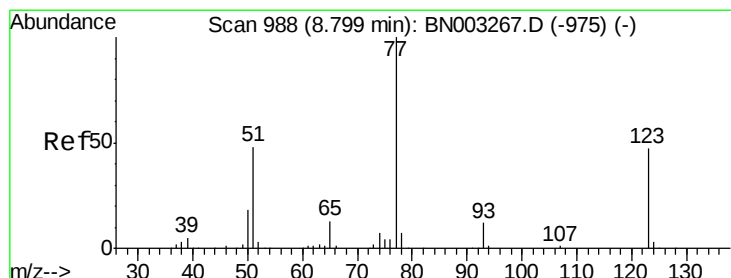
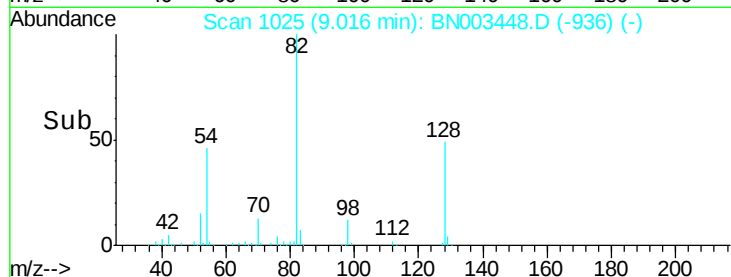
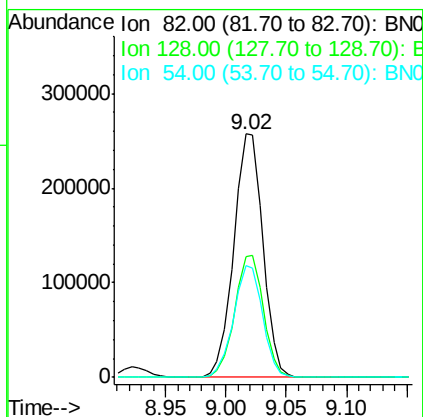
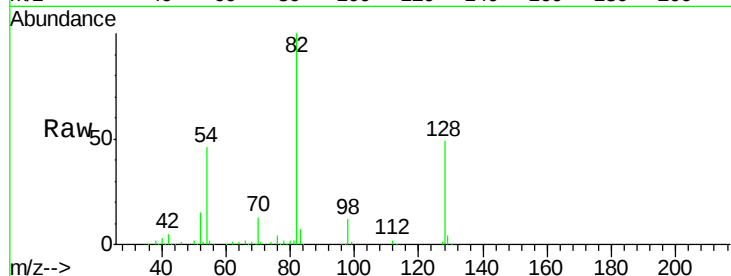




#23
Nitrobenzene-d5
Concen: 56.18 ng
RT: 9.02 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BN003448.D
Acq: 07 Nov 2018 00:59

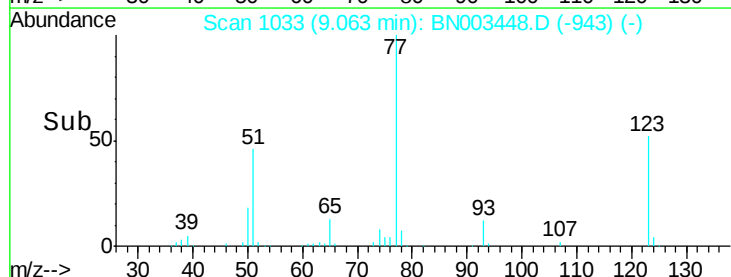
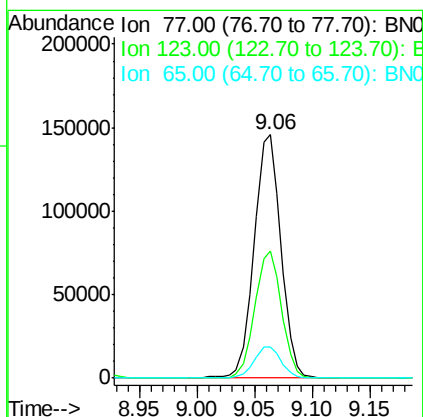
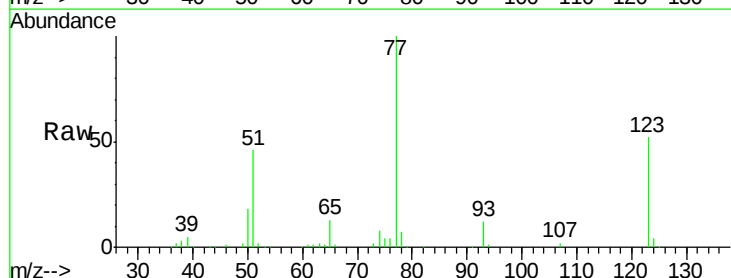
Instrument :
BNA_N
ClientSampleId :

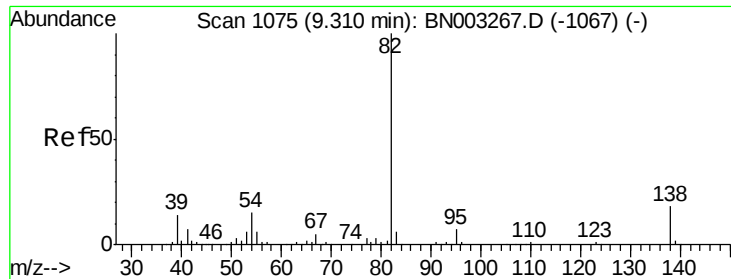
Tot Ion	82	Resp	432999
Ion Ratio	100	Lower	Upper
128	49.4	37.1	55.7
54	46.1	39.4	59.2



#24
Nitrobenzene
Concen: 30.04 ng
RT: 9.06 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BN003448.D
Acq: 07 Nov 2018 00:59

Tgt Ion	77	Resp	236232
Ion Ratio	100	Lower	Upper
123	52.3	37.8	56.6
65	12.8	10.7	16.1

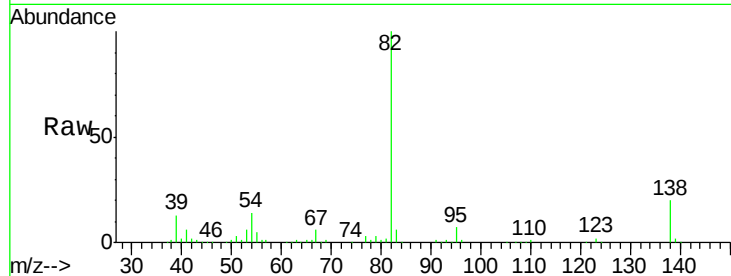




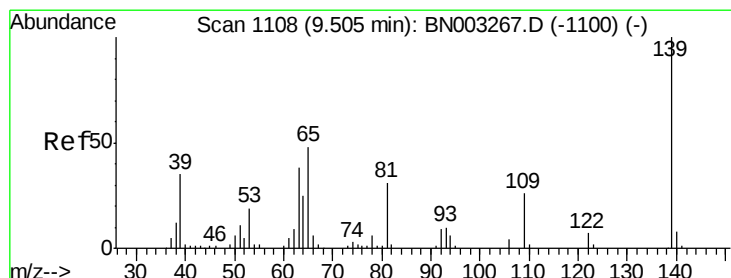
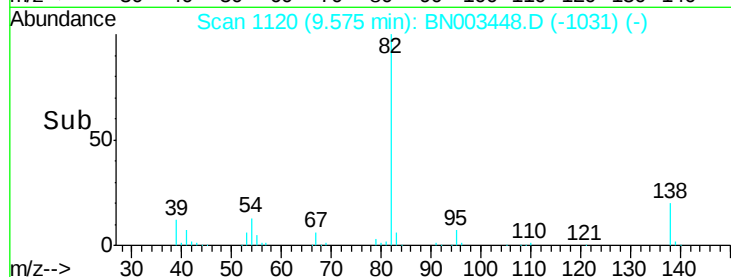
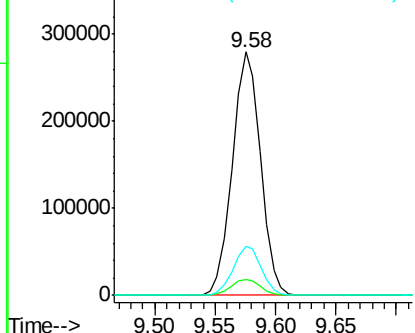
#25
Isophorone
Concen: 33.74 ng
RT: 9.58 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BN003448.D
Acq: 07 Nov 2018 00:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 82 Resp: 456114
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 19.9 14.5 21.7

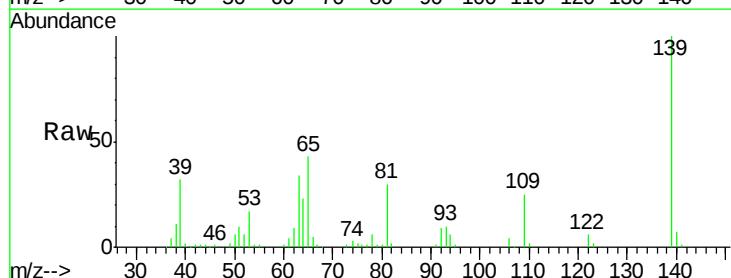


Abundance Ion 82.00 (81.70 to 82.70): BNC
Ion 95.00 (94.70 to 95.70): BNC
Ion 138.00 (137.70 to 138.70): BNC

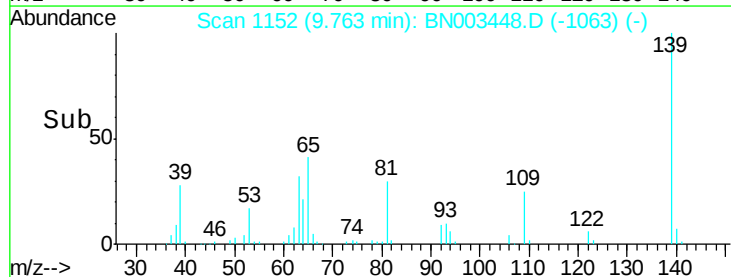
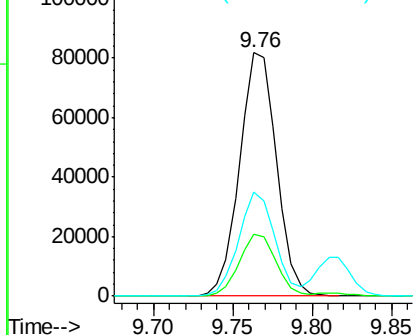


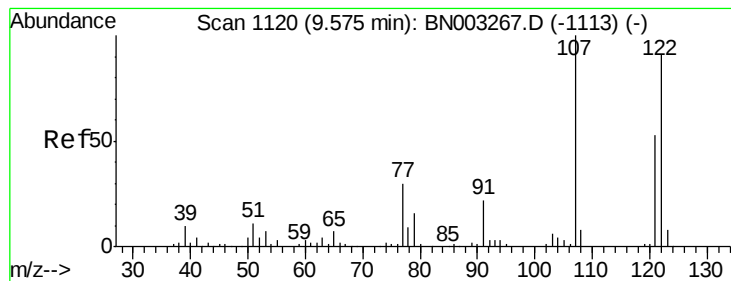
#26
2-Nitrophenol
Concen: 31.97 ng
RT: 9.76 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BN003448.D
Acq: 07 Nov 2018 00:59

Tgt Ion: 139 Resp: 132327
Ion Ratio Lower Upper
139 100
109 25.4 20.5 30.7
65 42.7 38.4 57.6



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

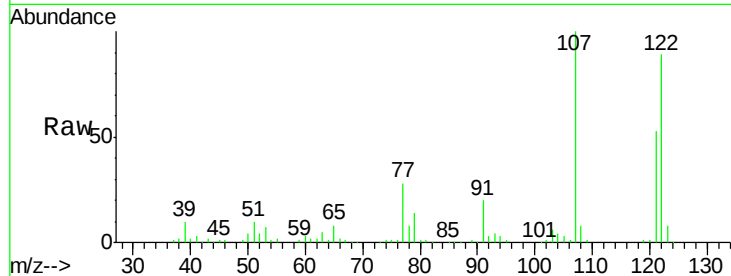




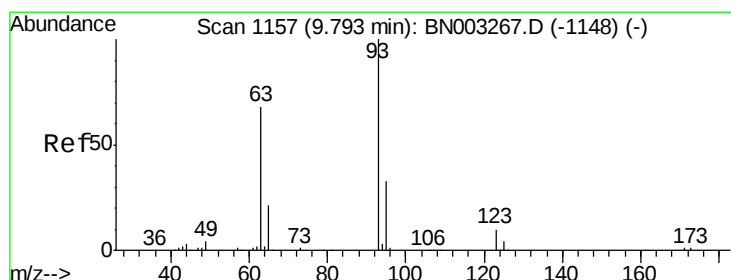
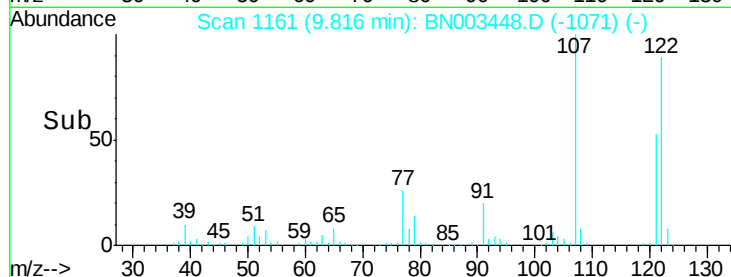
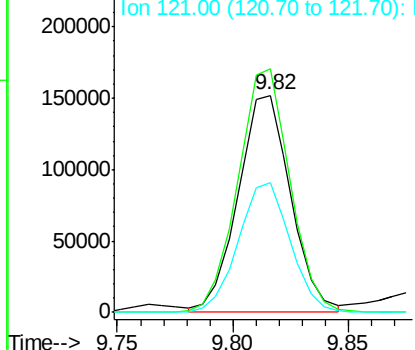
#27
 2,4-Dimethylphenol
 Concen: 41.37 ng
 RT: 9.82 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BN003448.D
 Acq: 07 Nov 2018 00:59

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:122 Resp: 240786
 Ion Ratio Lower Upper
 122 100
 107 112.1 87.8 131.6
 121 59.4 46.9 70.3

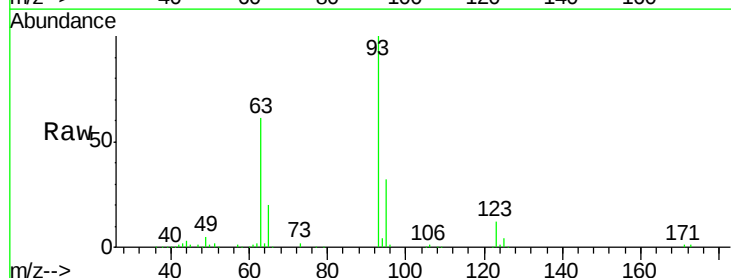


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

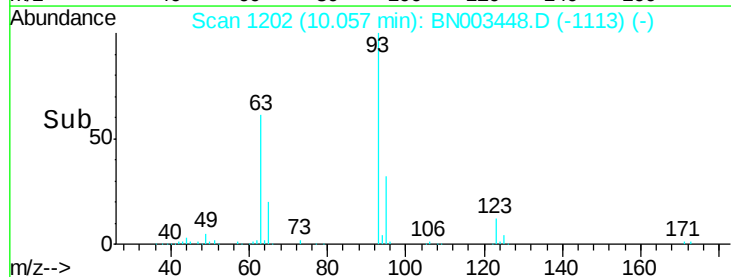
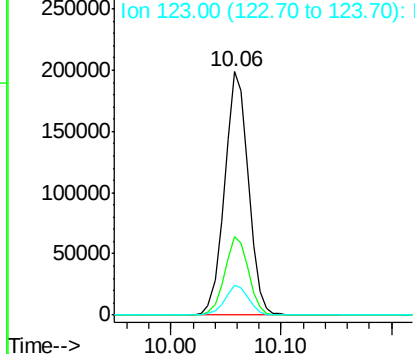


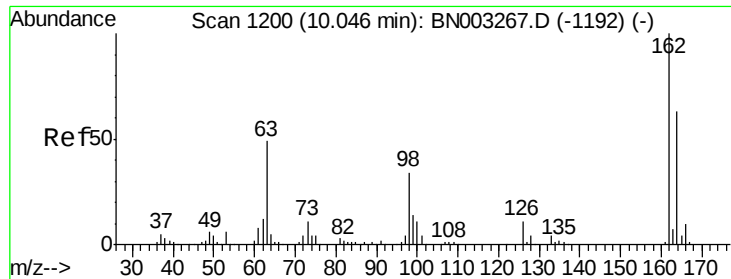
#28
 bis(2-Chloroethoxy)methane
 Concen: 32.86 ng
 RT: 10.06 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BN003448.D
 Acq: 07 Nov 2018 00:59

Tgt Ion: 93 Resp: 299283
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.2 39.4
 123 12.3 9.1 13.7



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

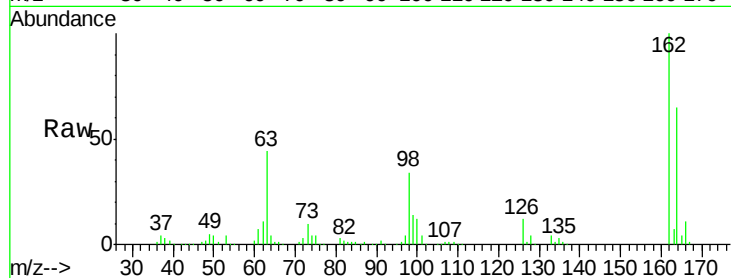




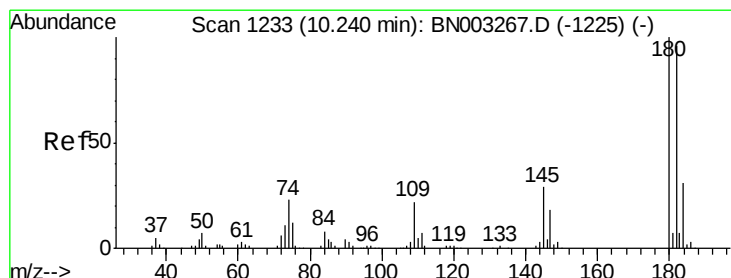
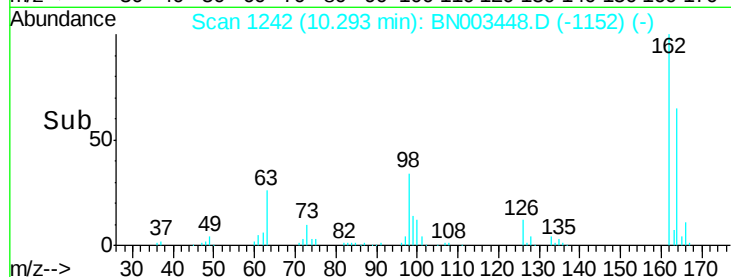
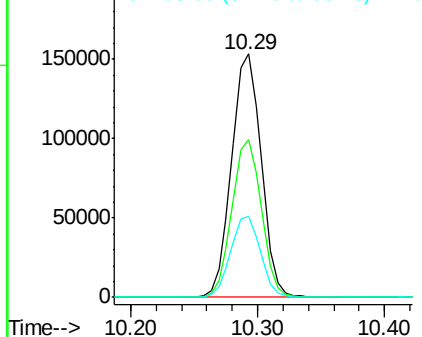
#29
 2,4-Dichlorophenol
 Concen: 37.29 ng
 RT: 10.29 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: BN003448.D
 Acq: 07 Nov 2018 00:59

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	42.5	82.5
98	33.5	14.0	54.0

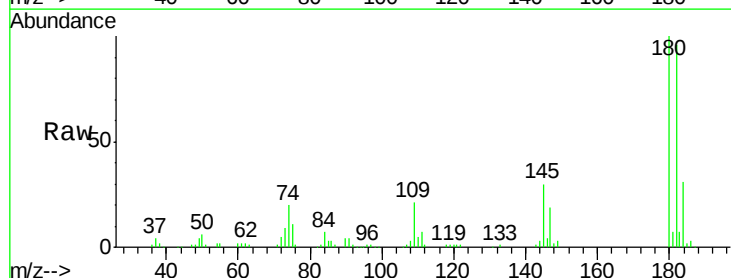


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BNC

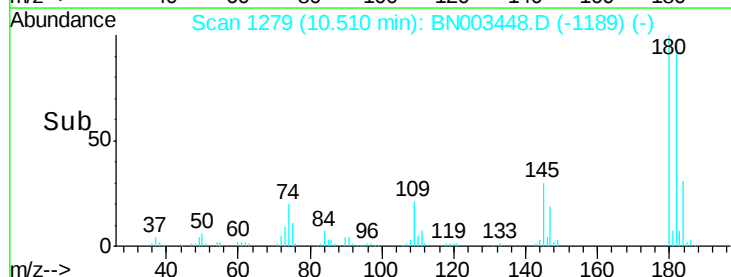
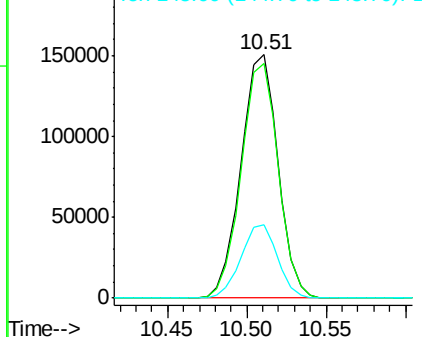


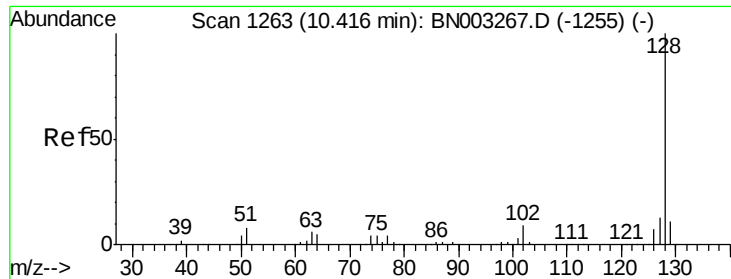
#30
 1,2,4-Trichlorobenzene
 Concen: 32.47 ng
 RT: 10.51 min Scan# 1279
 Delta R.T. 0.00 min
 Lab File: BN003448.D
 Acq: 07 Nov 2018 00:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.4	114.6
145	30.0	23.6	35.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

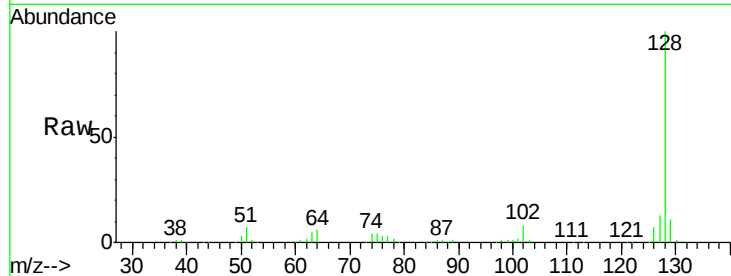




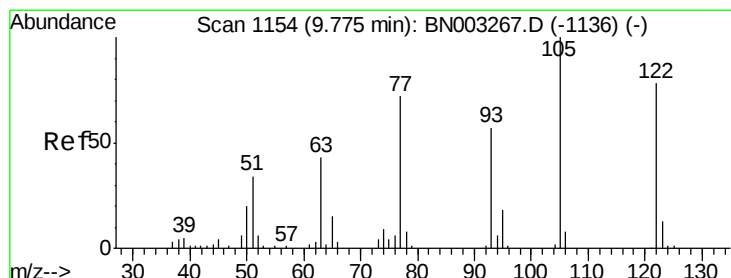
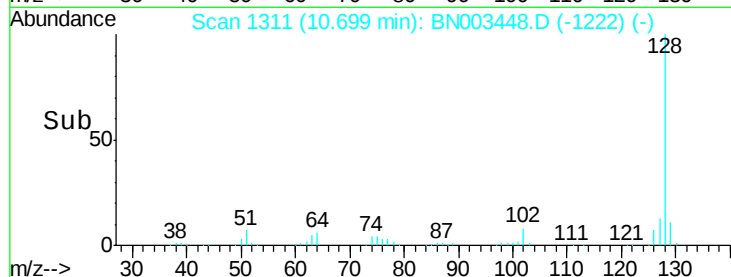
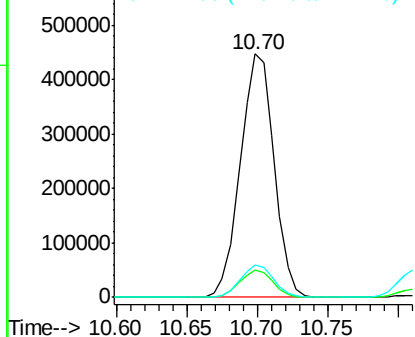
#31
Naphthalene
Concen: 34.63 ng
RT: 10.70 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BN003448.D
Acq: 07 Nov 2018 00:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion:128 Resp: 747944
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.2 10.4 15.6

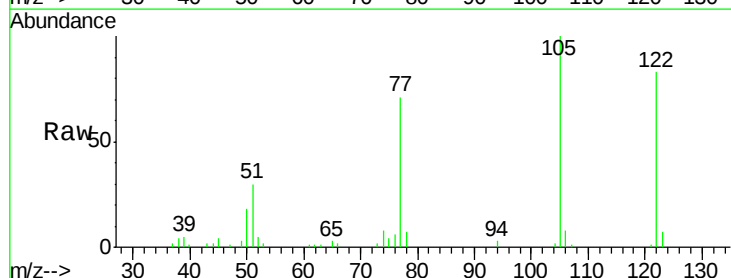


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

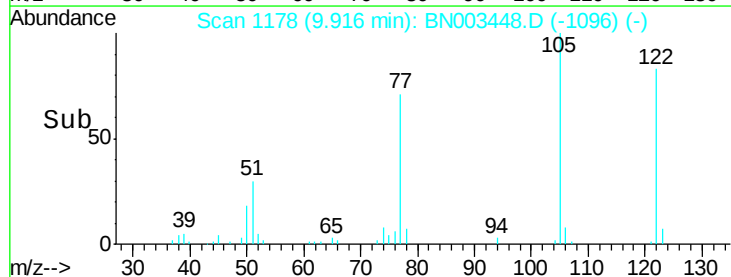
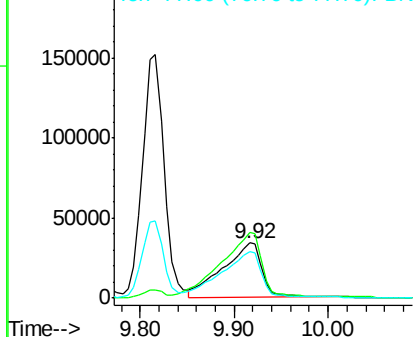


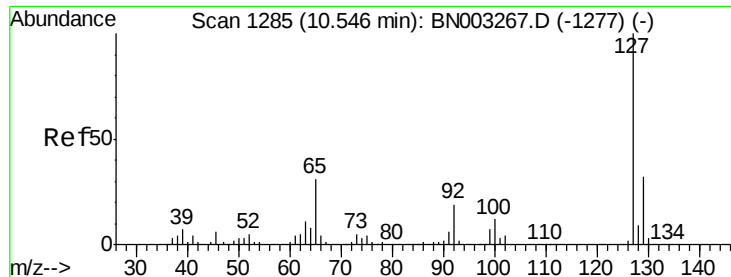
#32
Benzoic acid
Concen: 22.80 ng
RT: 9.92 min Scan# 1178
Delta R.T. -0.05 min
Lab File: BN003448.D
Acq: 07 Nov 2018 00:59

Tgt Ion:122 Resp: 98893
Ion Ratio Lower Upper
122 100
105 119.8 106.8 146.8
77 85.1 71.9 111.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BNC

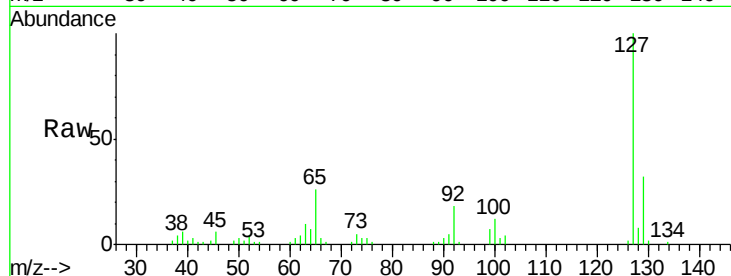




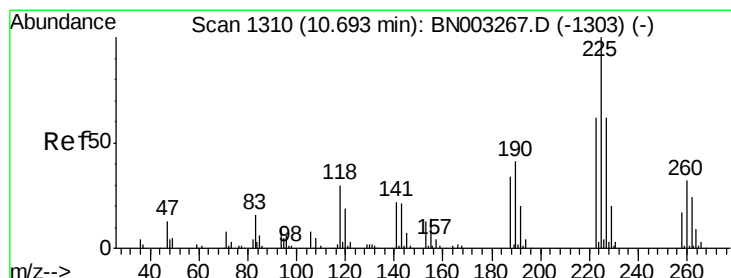
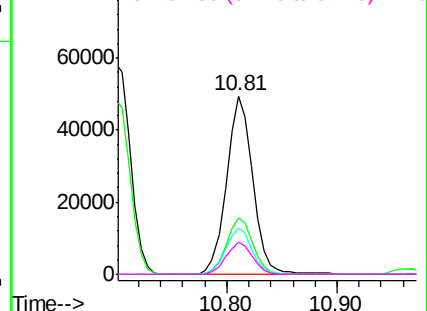
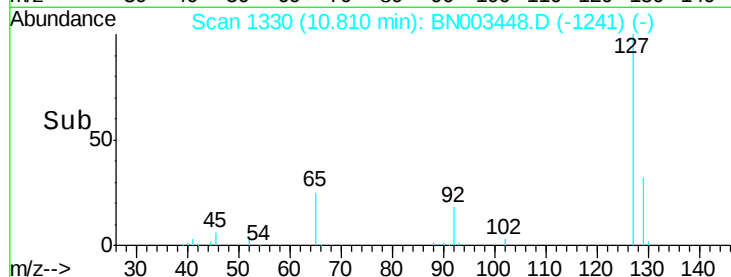
#33
4-Chloroaniline
Concen: 8.58 ng
RT: 10.81 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BN003448.D
Acq: 07 Nov 2018 00:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion:	127	Resp:	81911
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.6
65	26.2	24.6	36.8
92	18.1	15.3	22.9

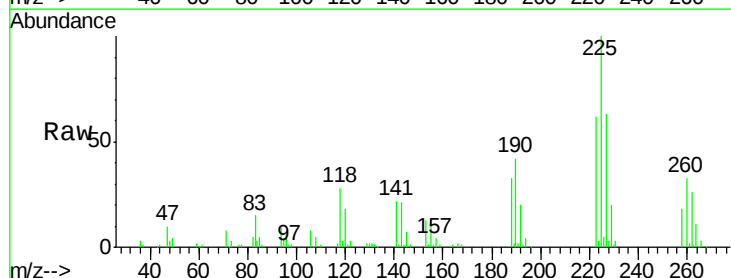


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

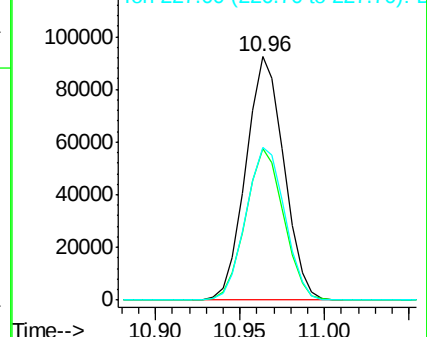
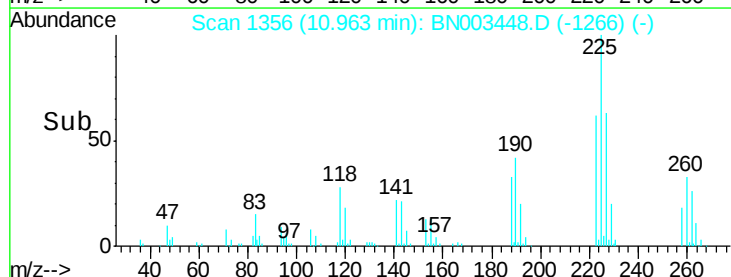


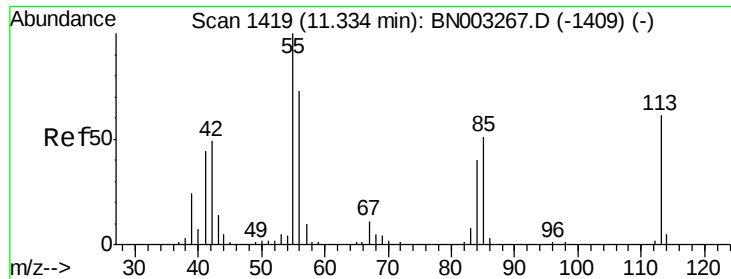
#34
Hexachlorobutadiene
Concen: 32.16 ng
RT: 10.96 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BN003448.D
Acq: 07 Nov 2018 00:59

Tgt Ion:	225	Resp:	144912
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.8	74.8
227	62.7	49.6	74.4



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

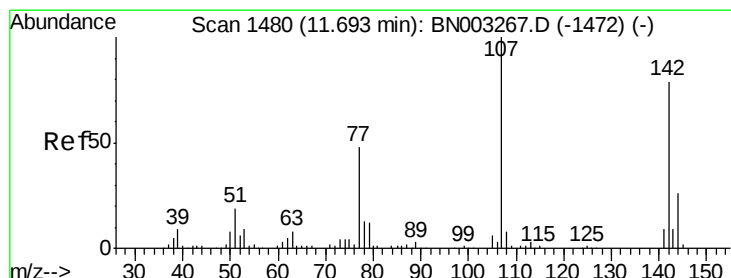
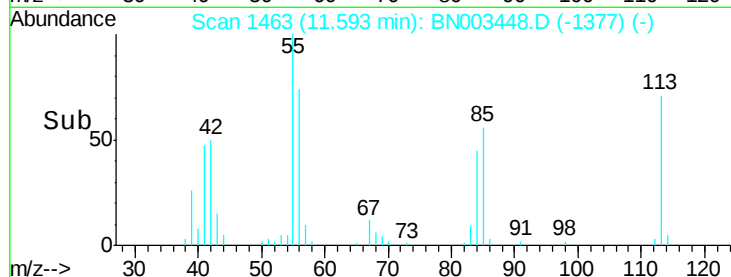
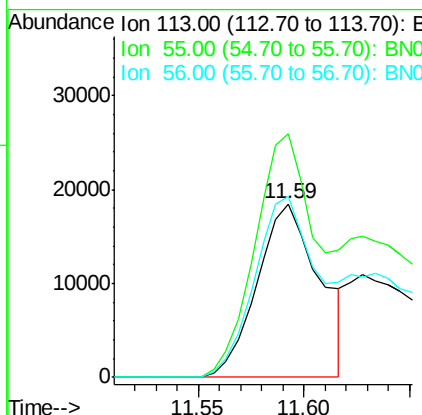
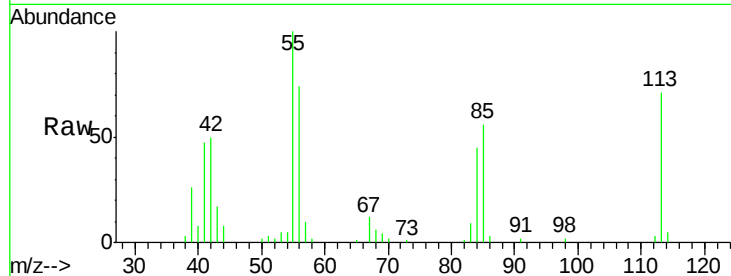




#35
Caprolactam
Concen: 14.62 ng
RT: 11.59 min Scan# 1463
Delta R.T. -0.02 min
Lab File: BN003448.D
Acq: 07 Nov 2018 00:59

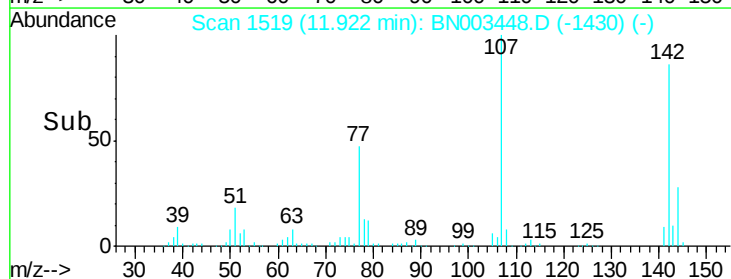
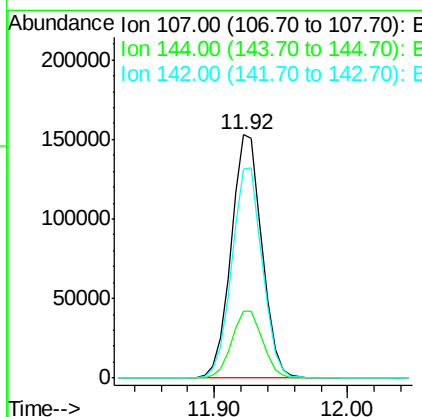
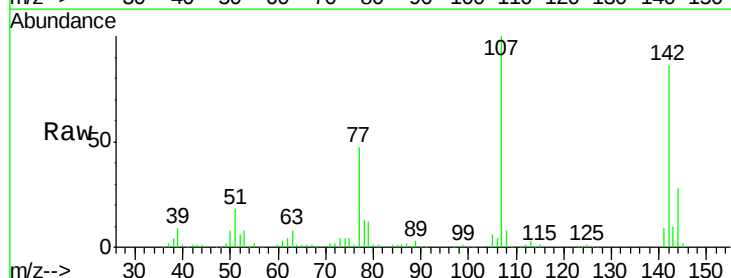
Instrument :
BNA_N
ClientSampled :

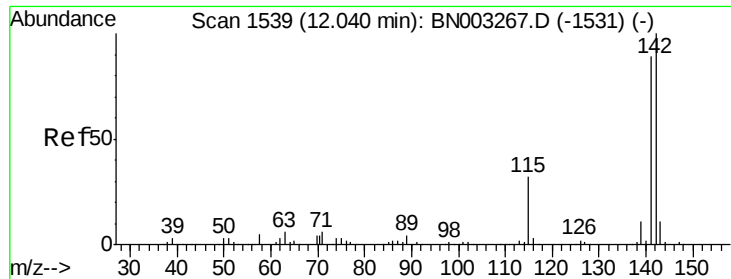
Tot Ion:113 Resp: 38009
Ion Ratio Lower Upper
113 100
55 140.2 144.2 184.2#
56 104.0 100.6 140.6



#36
4-Chloro-3-methylphenol
Concen: 33.12 ng
RT: 11.92 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BN003448.D
Acq: 07 Nov 2018 00:59

Tgt Ion:107 Resp: 245308
Ion Ratio Lower Upper
107 100
144 27.6 20.8 31.2
142 86.0 63.5 95.3

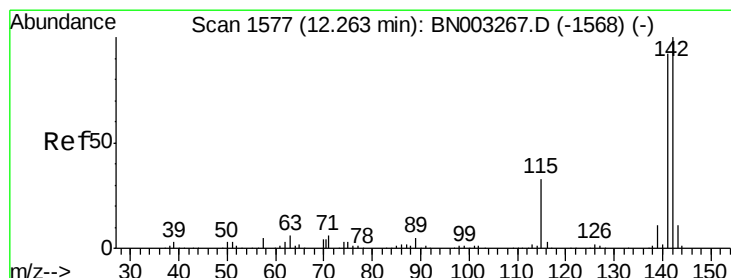
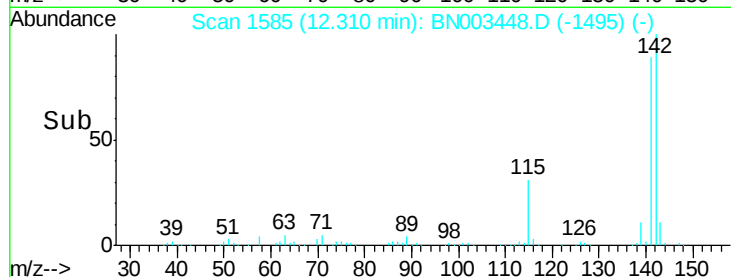
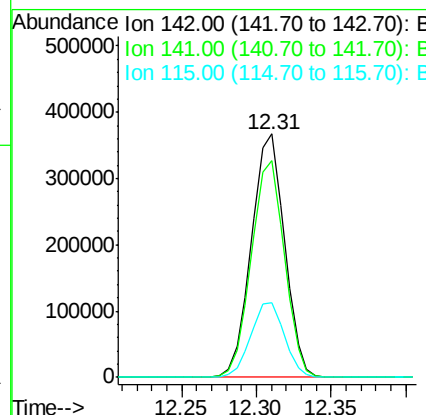
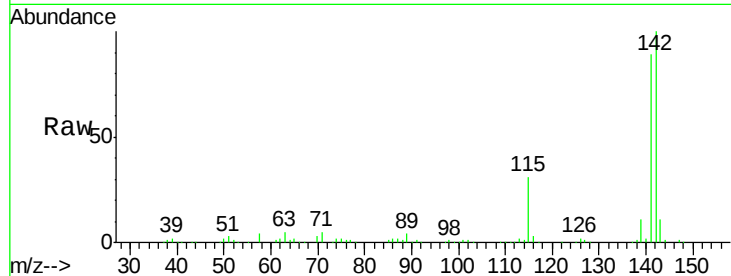




#37
 2-Methylnaphthalene
 Concen: 36.50 ng
 RT: 12.31 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: BN003448.D
 Acq: 07 Nov 2018 00:59

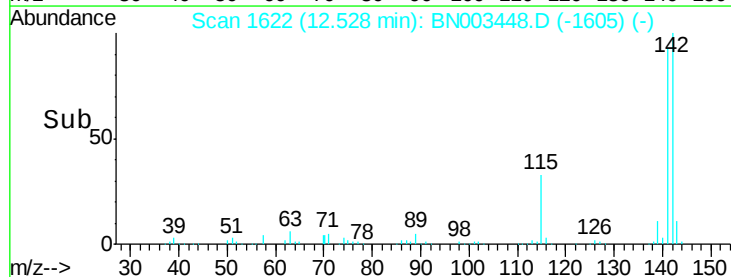
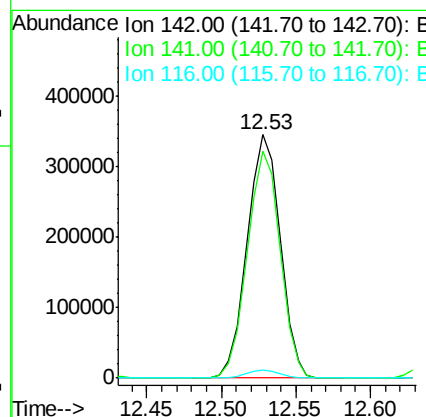
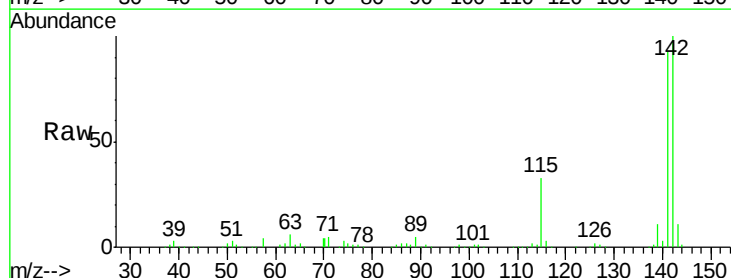
Instrument :
 BNA_N
 ClientSampleId :

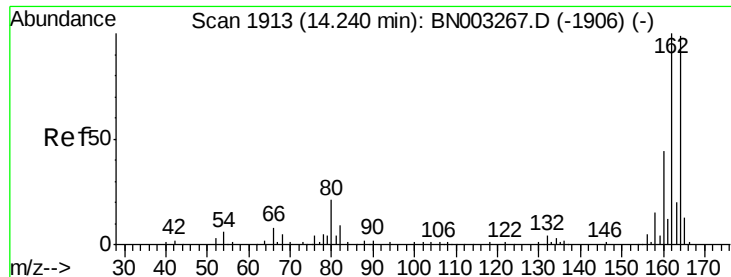
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.6	107.4
115	30.9	25.5	38.3



#38
 1-Methylnaphthalene
 Concen: 35.14 ng
 RT: 12.53 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BN003448.D
 Acq: 07 Nov 2018 00:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	73.6	110.4
116	3.4	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.49 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BN003448.D

Acq: 07 Nov 2018 00:59

Instrument :

BNA_N

ClientSampleId :

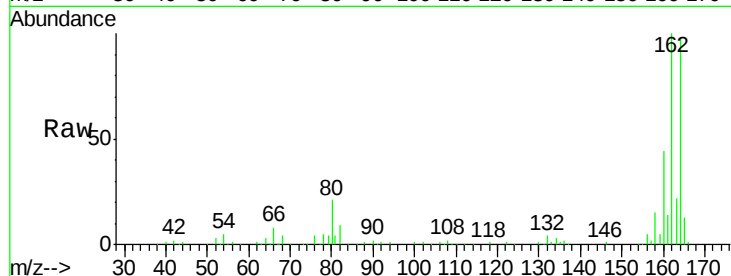
Tot Ion:164 Resp: 252838

Ion Ratio Lower Upper

164 100

162 102.3 80.8 121.2

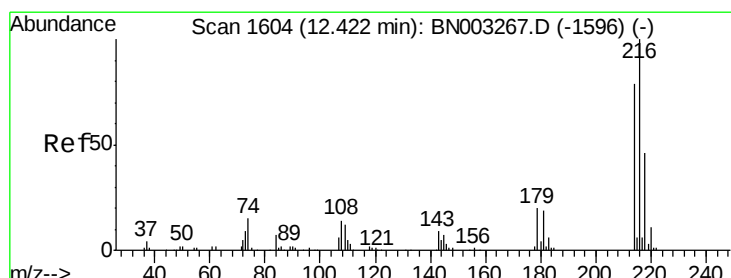
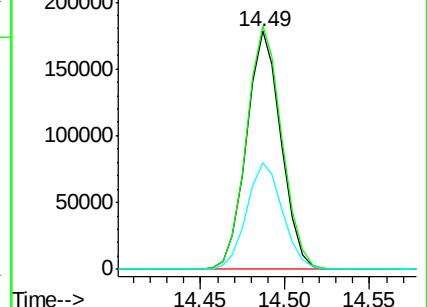
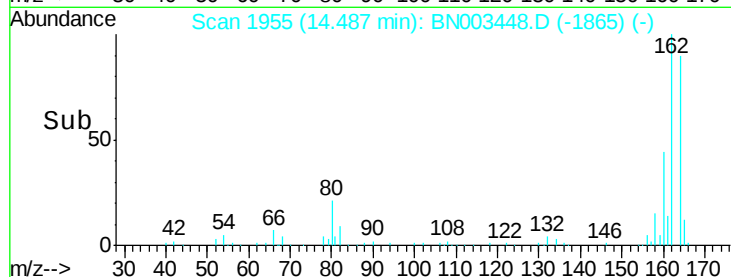
160 44.8 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.84 ng

RT: 12.67 min Scan# 1647

Delta R.T. 0.00 min

Lab File: BN003448.D

Acq: 07 Nov 2018 00:59

Tgt Ion:216 Resp: 291425

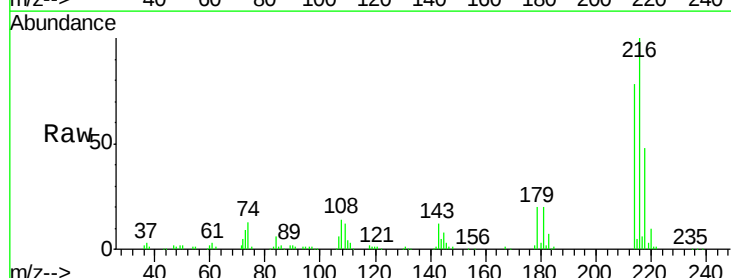
Ion Ratio Lower Upper

216 100

214 78.5 62.8 94.2

179 20.4 16.0 24.0

108 18.1 12.9 19.3

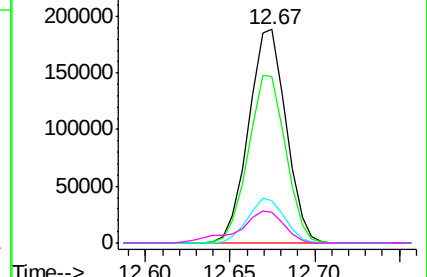
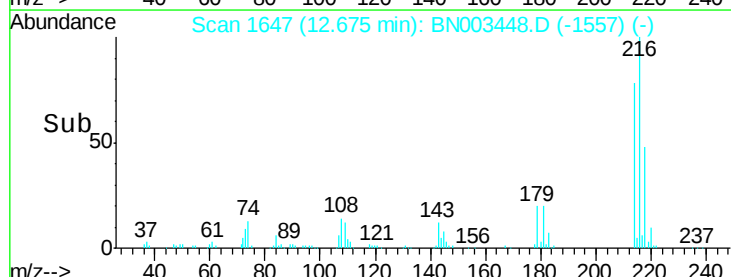


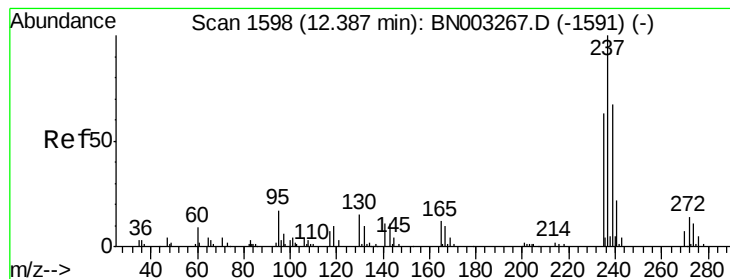
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 97.79 ng

RT: 12.64 min Scan# 1641

Delta R.T. 0.00 min

Lab File: BN003448.D

Acq: 07 Nov 2018 00:59

Instrument :

BNA_N

ClientSampleId :

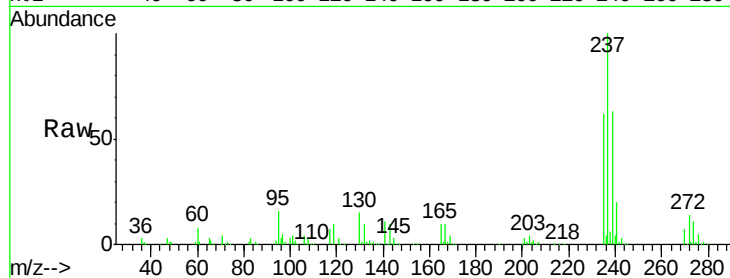
Tot Ion:237 Resp: 362759

Ion Ratio Lower Upper

237 100

235 61.8 42.8 82.8

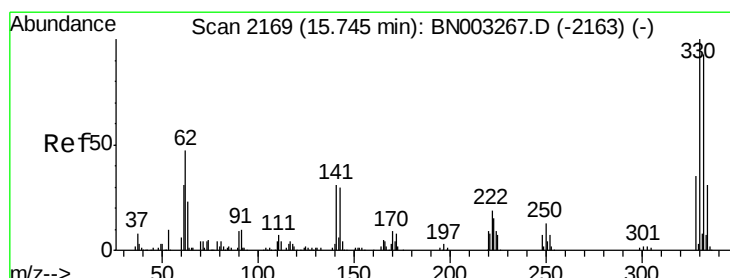
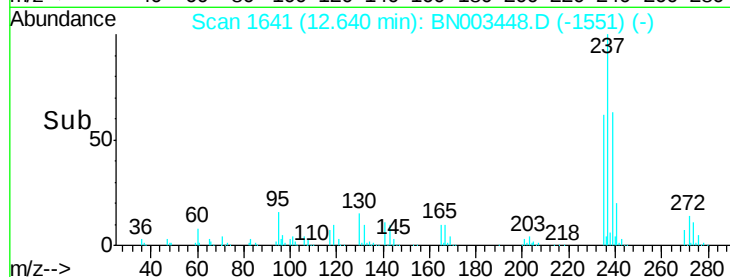
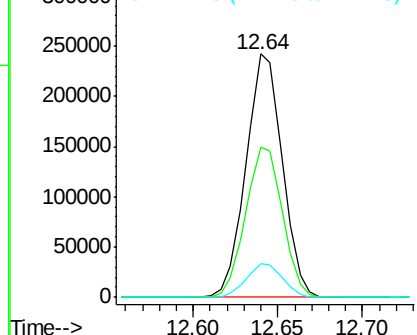
272 13.6 0.0 33.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 97.11 ng

RT: 15.97 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BN003448.D

Acq: 07 Nov 2018 00:59

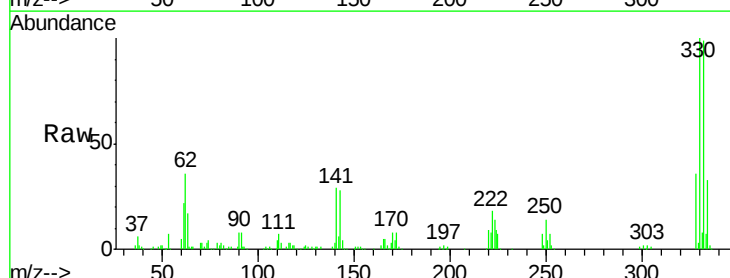
Tgt Ion:330 Resp: 330631

Ion Ratio Lower Upper

330 100

332 96.9 76.6 114.8

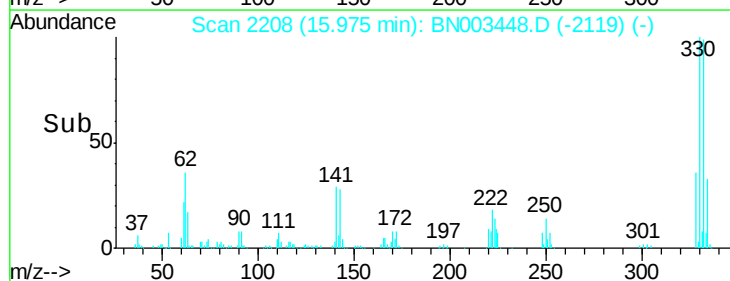
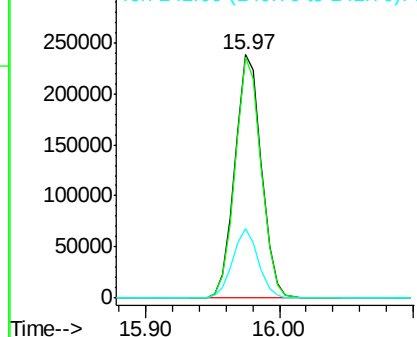
141 27.9 24.5 36.7

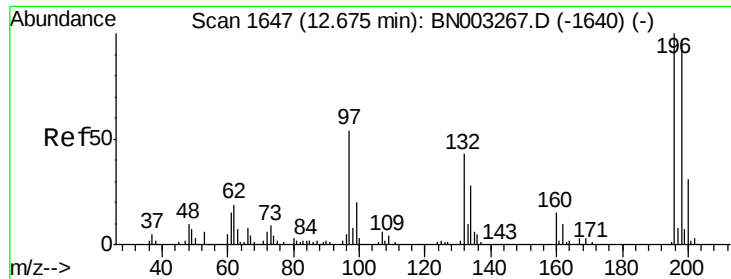


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

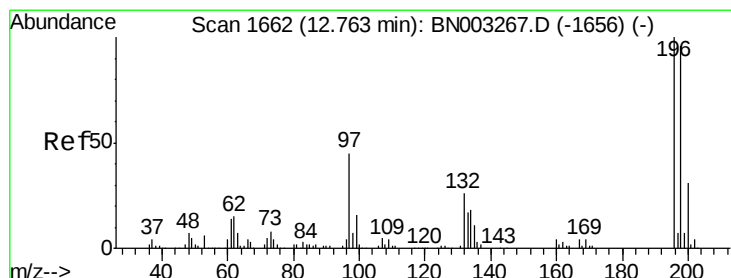
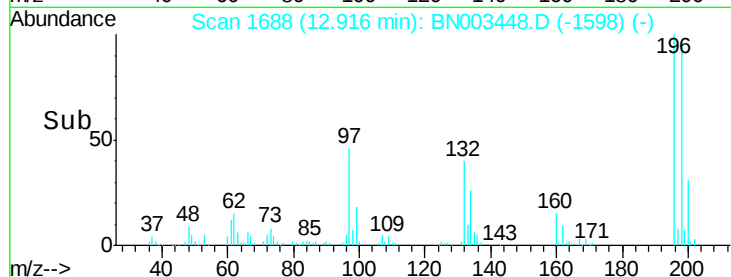
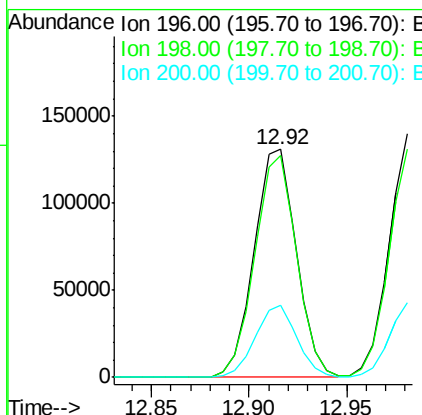
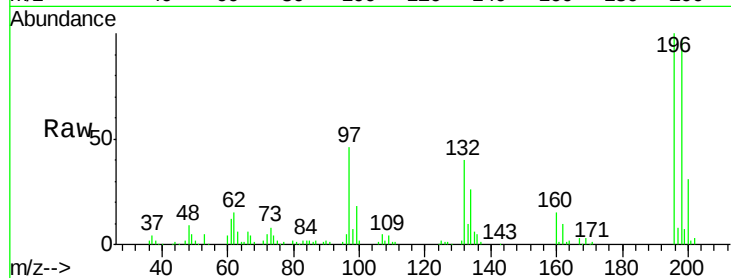




#43
 2,4,6-Trichlorophenol
 Concen: 37.26 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: BN003448.D
 Acq: 07 Nov 2018 00:59

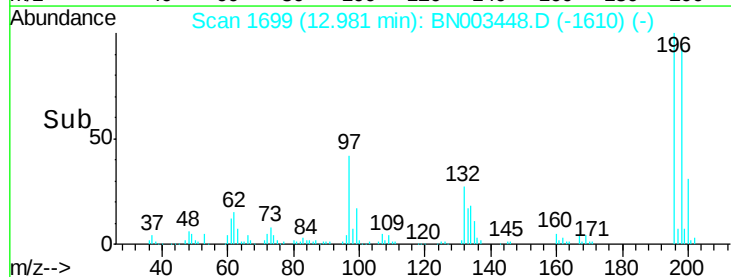
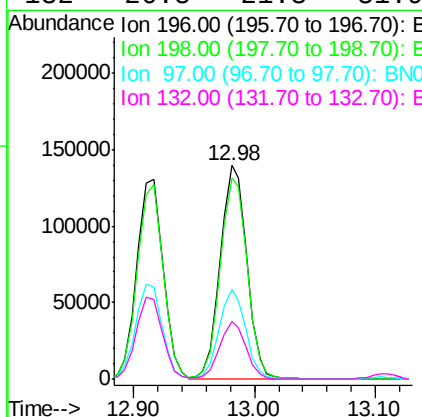
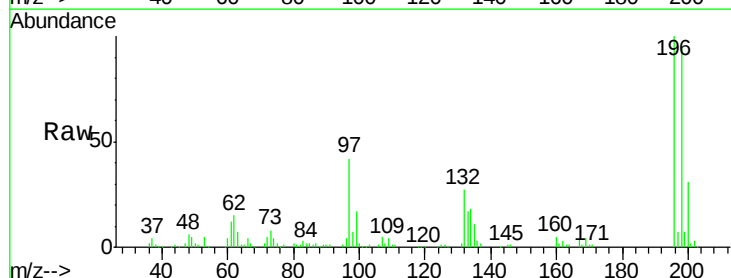
Instrument :
 BNA_N
 ClientSampleId :

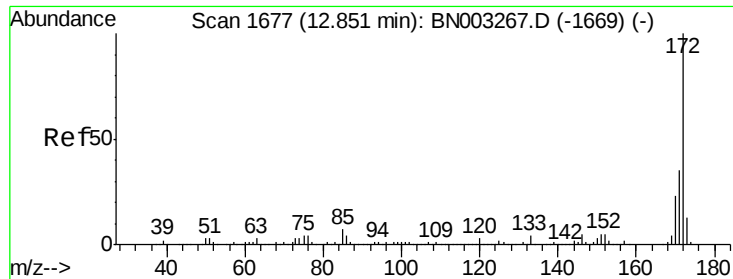
Tot Ion:196 Resp: 196902
 Ion Ratio Lower Upper
 196 100
 198 97.2 77.4 116.0
 200 31.5 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 38.56 ng
 RT: 12.98 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BN003448.D
 Acq: 07 Nov 2018 00:59

Tgt Ion:196 Resp: 212574
 Ion Ratio Lower Upper
 196 100
 198 93.9 76.8 115.2
 97 41.8 35.8 53.8
 132 26.8 21.3 31.9



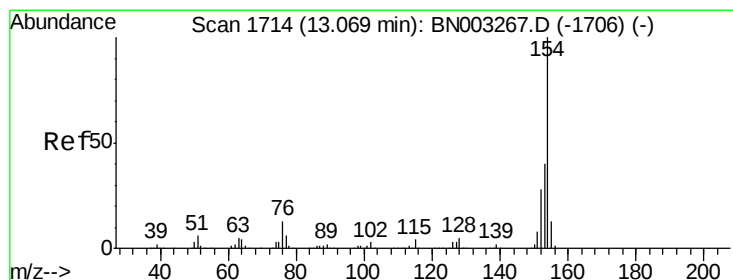
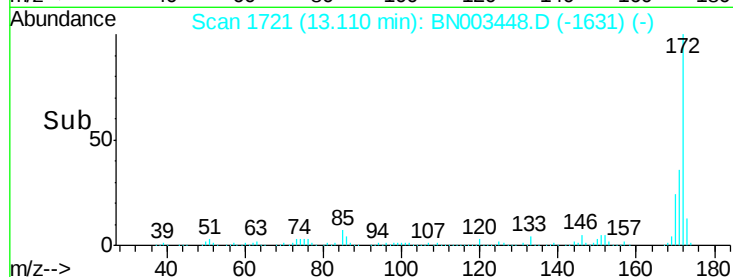
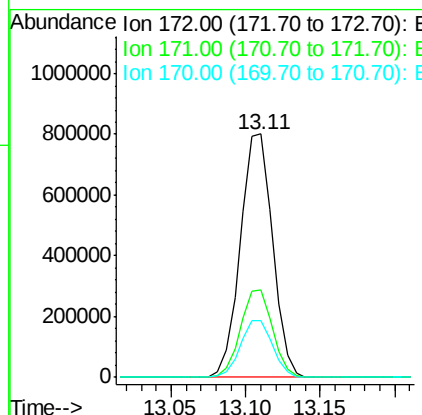
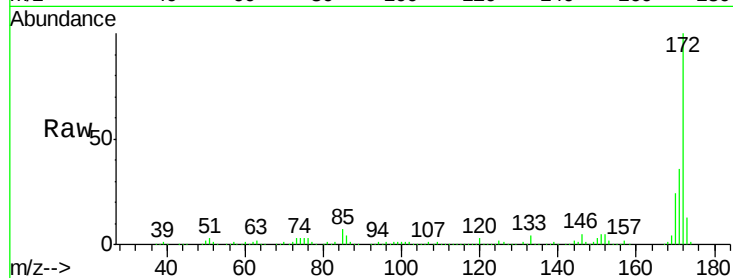


#45
 2-Fluorobiphenyl
 Concen: 64.37 ng
 RT: 13.11 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BN003448.D
 Acq: 07 Nov 2018 00:59

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:172 Resp: 1199867

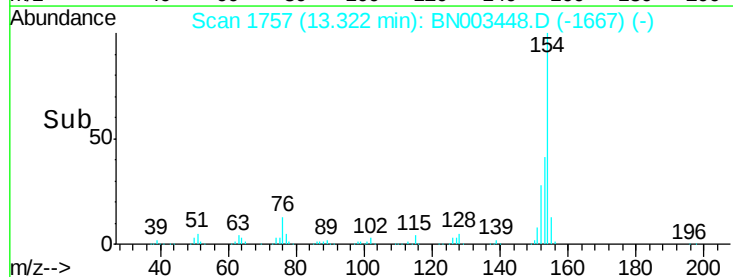
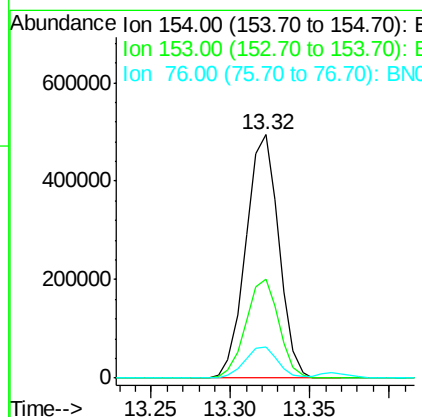
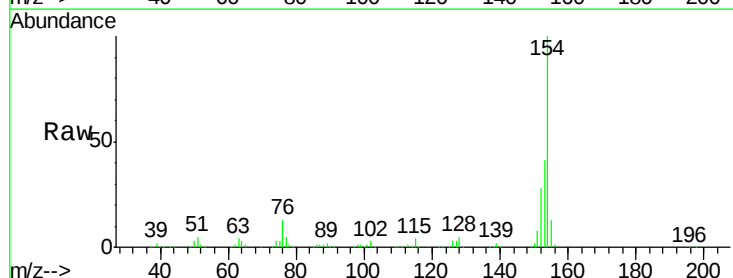
Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.2	42.4
170	23.5	18.4	27.6

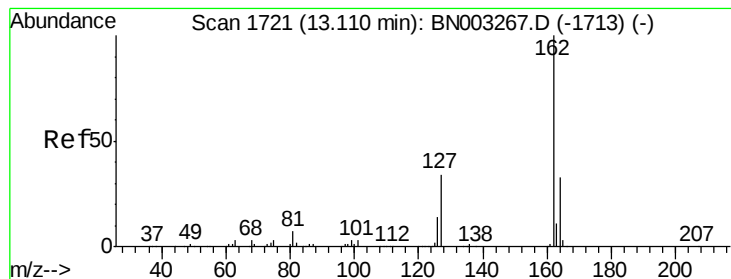


#46
 1,1'-Biphenyl
 Concen: 32.13 ng
 RT: 13.32 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: BN003448.D
 Acq: 07 Nov 2018 00:59

Tgt Ion:154 Resp: 712928

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.5	60.5
76	12.6	0.0	33.3





#47

2-Chloronaphthalene

Concen: 33.63 ng

RT: 13.36 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BN003448.D

Acq: 07 Nov 2018 00:59

Instrument :

BNA_N

ClientSampled :

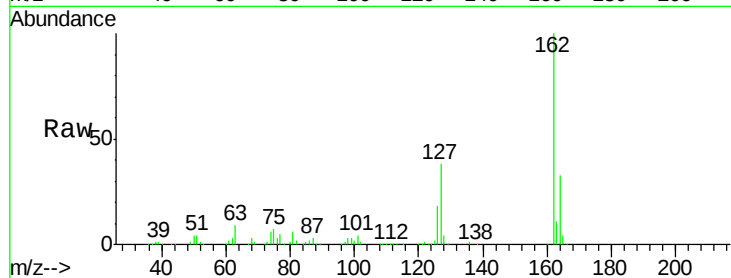
Tot Ion:162 Resp: 550428

Ion Ratio Lower Upper

162 100

127 38.3 29.8 44.6

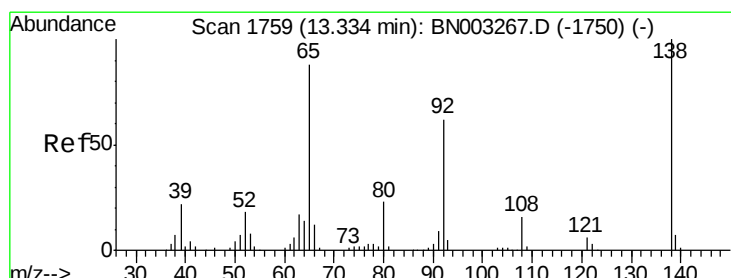
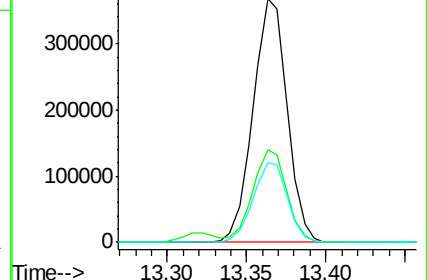
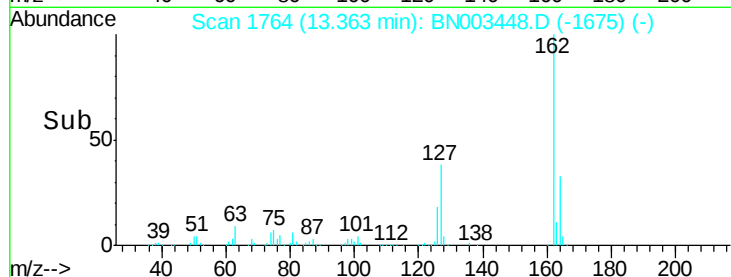
164 32.6 26.3 39.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 28.47 ng

RT: 13.57 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BN003448.D

Acq: 07 Nov 2018 00:59

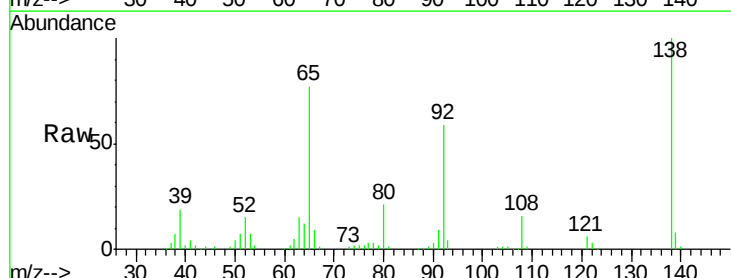
Tgt Ion: 65 Resp: 136940

Ion Ratio Lower Upper

65 100

92 76.5 56.1 84.1

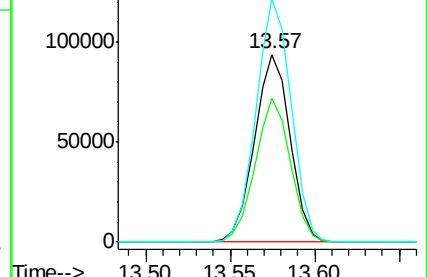
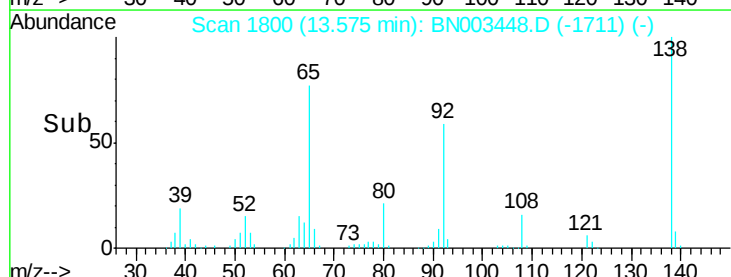
138 129.9 90.6 136.0

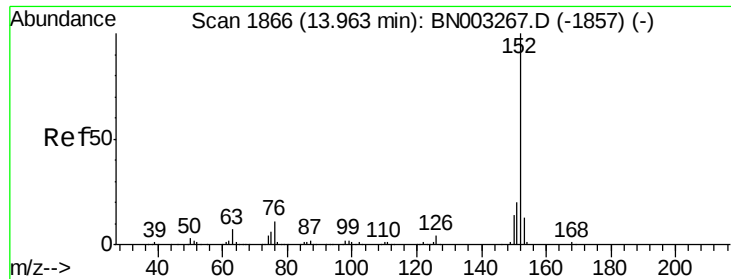


Abundance Ion 65.00 (64.70 to 65.70): BNC

Ion 92.00 (91.70 to 92.70): BNC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 35.70 ng

RT: 14.21 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BN003448.D

Acq: 07 Nov 2018 00:59

Instrument :

BNA_N

ClientSampleId :

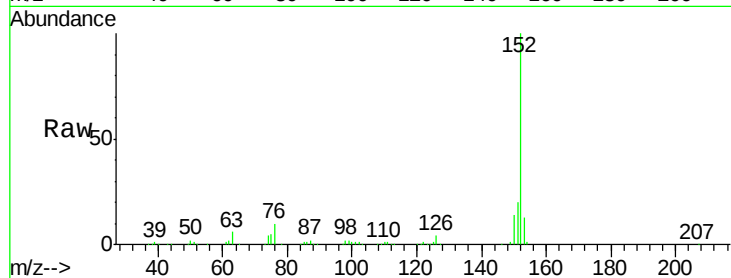
Tot Ion:152 Resp: 894537

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.6

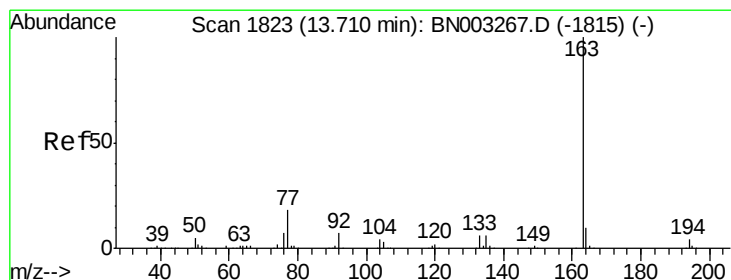
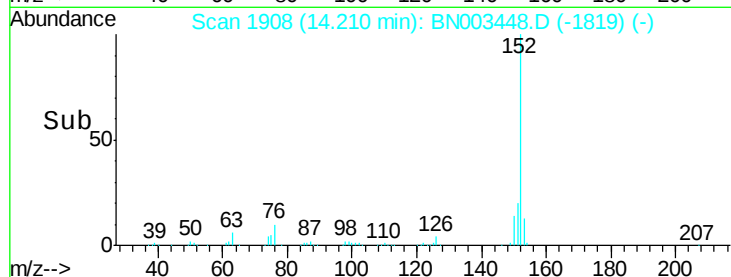
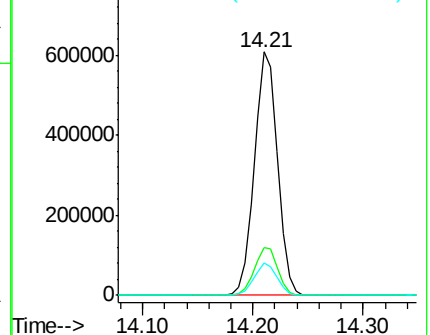
153 13.1 10.3 15.5



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



#50

Dimethylphthalate

Concen: 33.54 ng

RT: 13.95 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BN003448.D

Acq: 07 Nov 2018 00:59

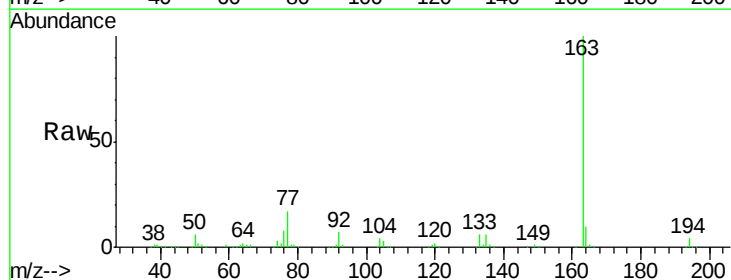
Tgt Ion:163 Resp: 685657

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

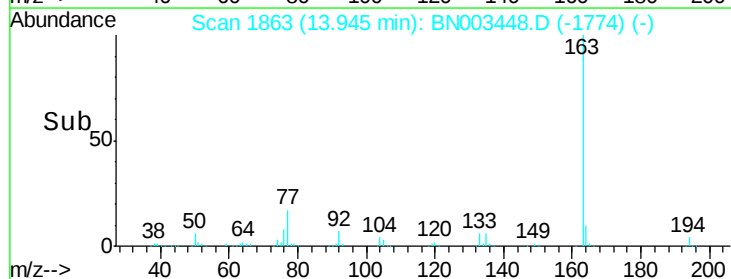
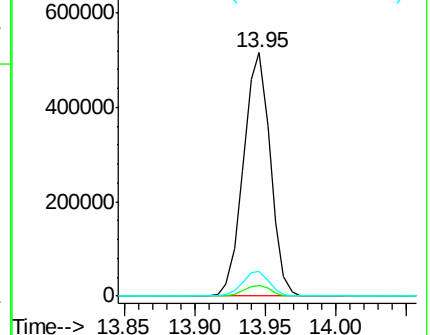
164 10.1 7.9 11.9

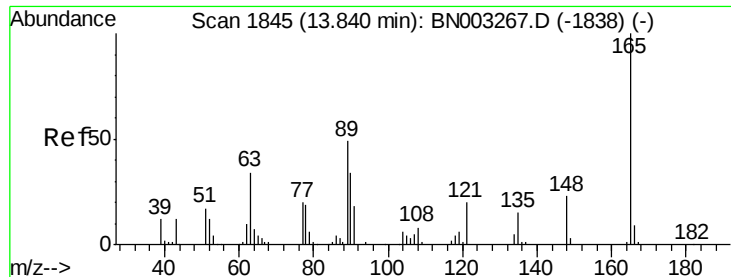


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

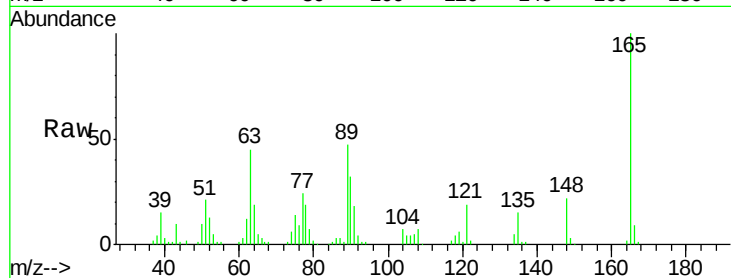




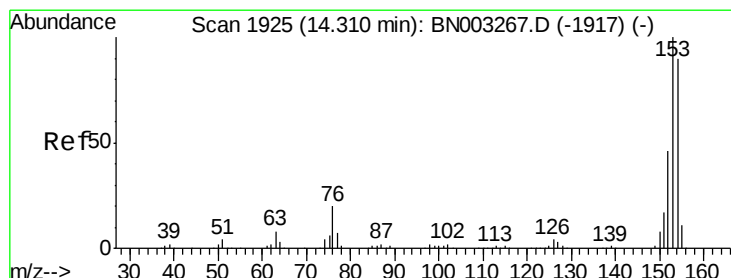
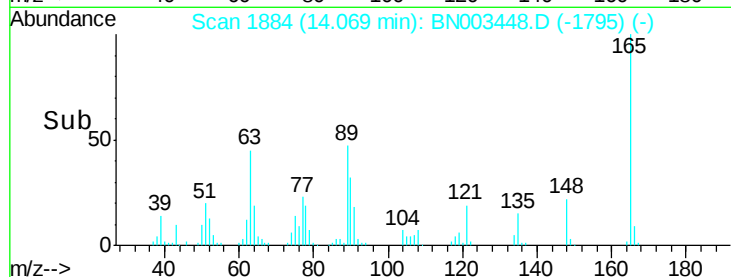
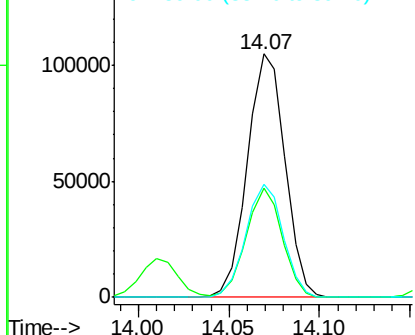
#51
2,6-Dinitrotoluene
Concen: 32.57 ng
RT: 14.07 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BN003448.D
Acq: 07 Nov 2018 00:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion:165 Resp: 151128
Ion Ratio Lower Upper
165 100
63 45.1 39.2 58.8
89 46.6 38.9 58.3

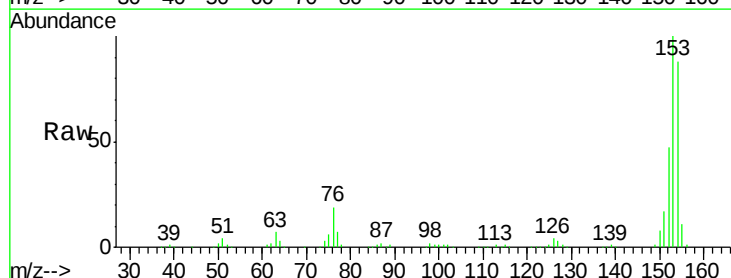


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BNC
Ion 89.00 (88.70 to 89.70): BNC

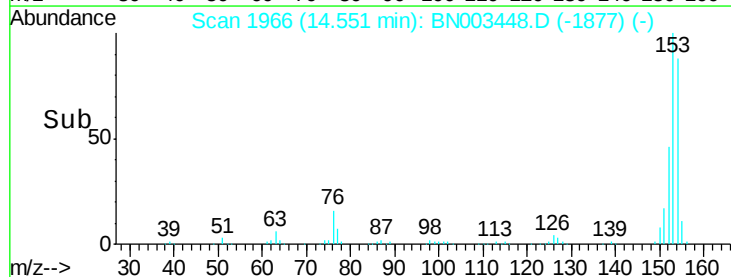
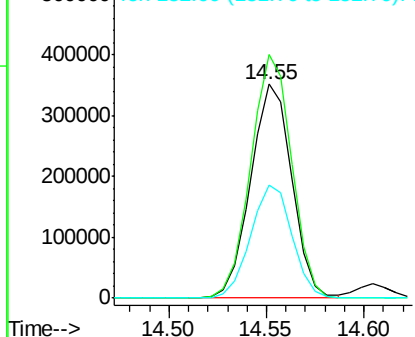


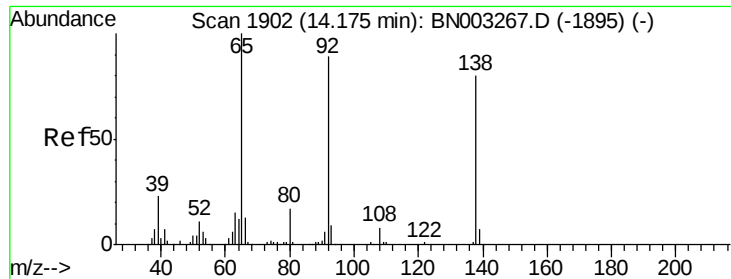
#52
Acenaphthene
Concen: 33.84 ng
RT: 14.55 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BN003448.D
Acq: 07 Nov 2018 00:59

Tgt Ion:154 Resp: 513646
Ion Ratio Lower Upper
154 100
153 113.9 89.3 133.9
152 53.2 41.2 61.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

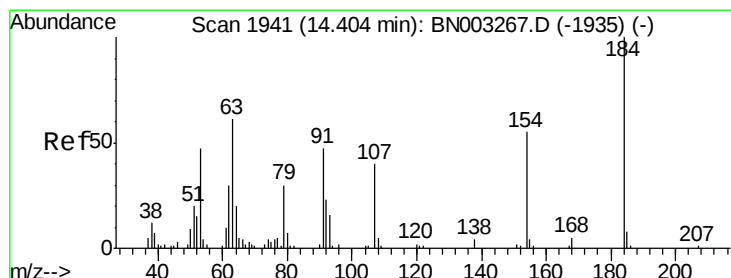
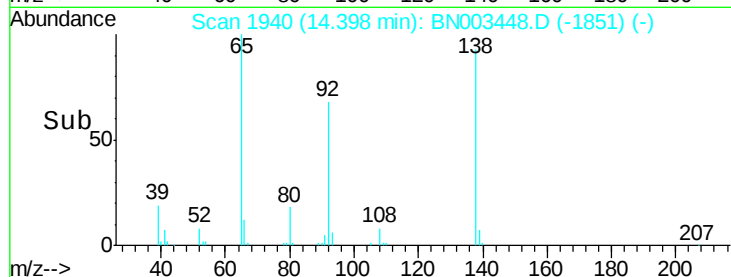
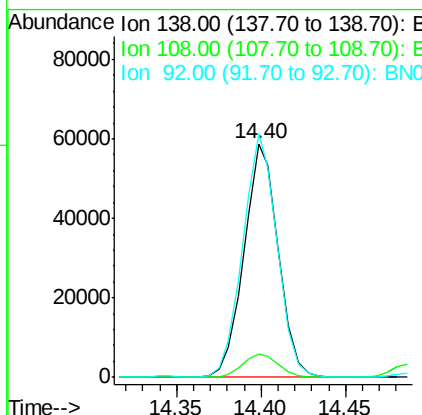
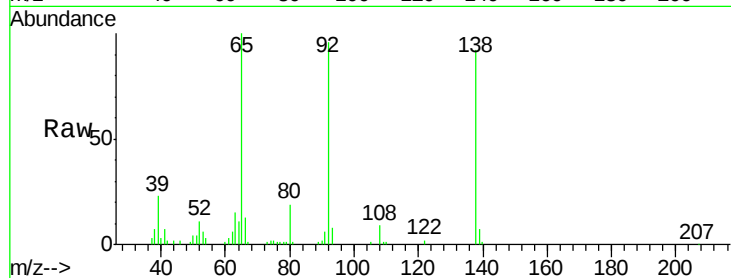




#53
3-Nitroaniline
Concen: 16.63 ng
RT: 14.40 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BN003448.D
Acq: 07 Nov 2018 00:59

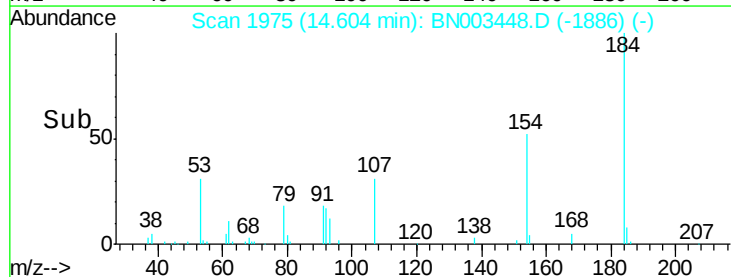
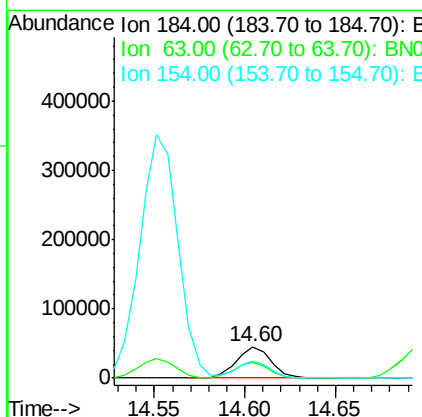
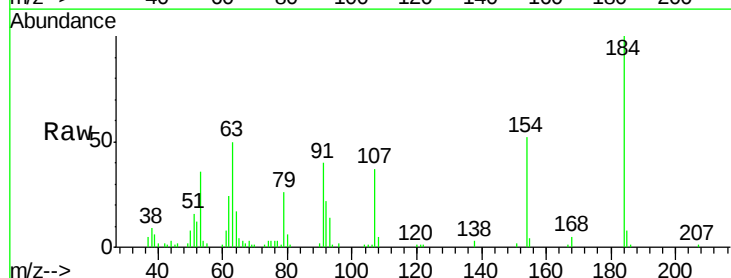
Instrument :
BNA_N
ClientSampled :

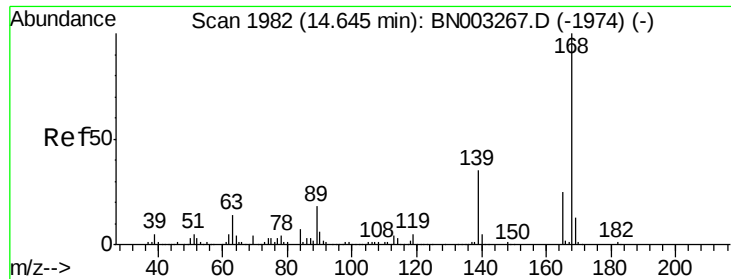
Tot Ion:138 Resp: 82478
Ion Ratio Lower Upper
138 100
108 9.8 8.4 12.6
92 104.3 89.6 134.4



#54
2,4-Dinitrophenol
Concen: 26.89 ng
RT: 14.60 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BN003448.D
Acq: 07 Nov 2018 00:59

Tgt Ion:184 Resp: 59324
Ion Ratio Lower Upper
184 100
63 49.8 49.0 73.4
154 52.4 44.2 66.2





#55

Dibenzo(f,h)quinoxaline

Concen: 33.36 ng

RT: 14.89 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BN003448.D

Acq: 07 Nov 2018 00:59

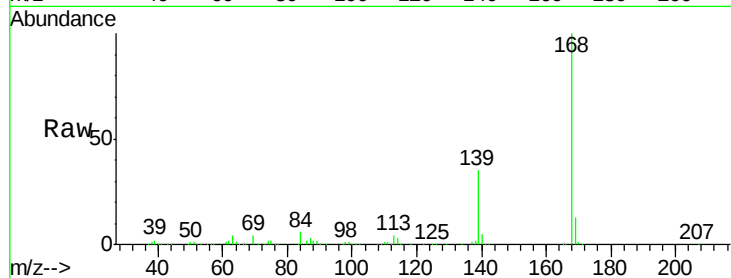
Instrument :

BNA_N

ClientSampleId :

Tot Ion:168 Resp: 823959

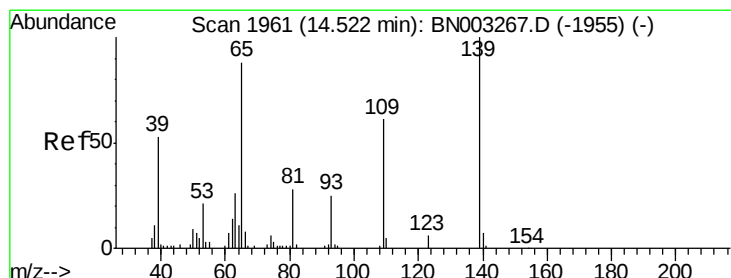
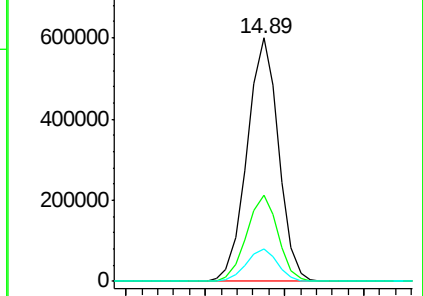
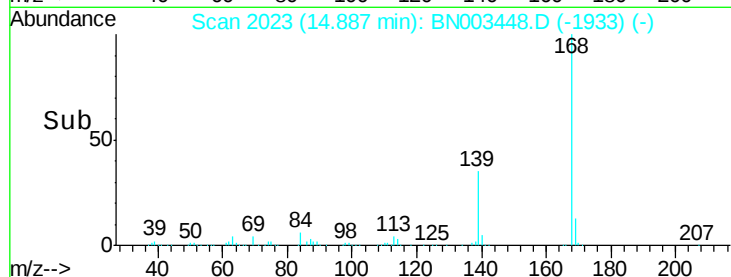
Ion	Ratio	Lower	Upper
168	100		
139	35.2	28.5	42.7
169	13.1	10.3	15.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 91.21 ng

RT: 14.70 min Scan# 1991

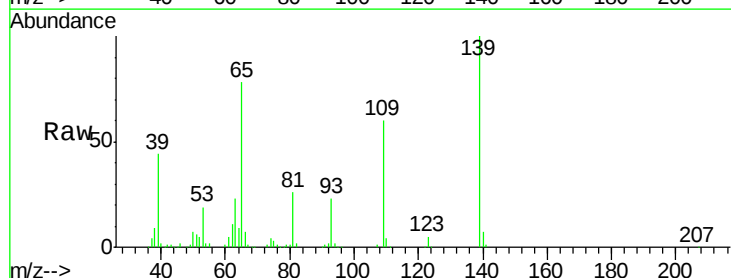
Delta R.T. 0.00 min

Lab File: BN003448.D

Acq: 07 Nov 2018 00:59

Tgt Ion:139 Resp: 329025

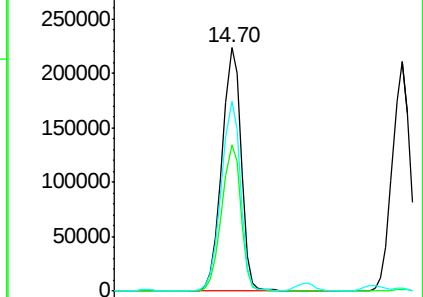
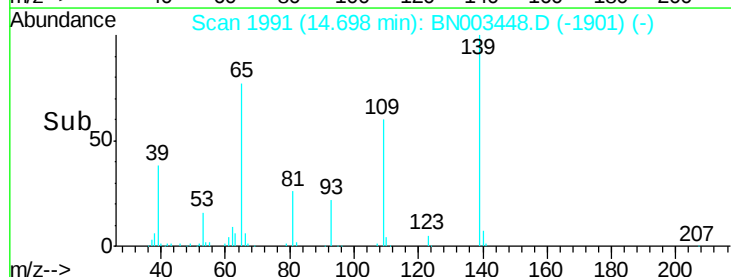
Ion	Ratio	Lower	Upper
139	100		
109	59.9	40.7	80.7
65	78.1	68.0	108.0

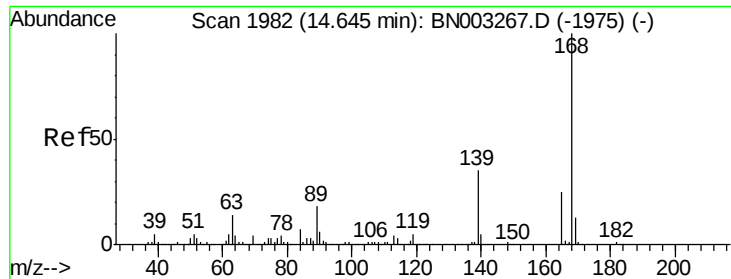


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BNC

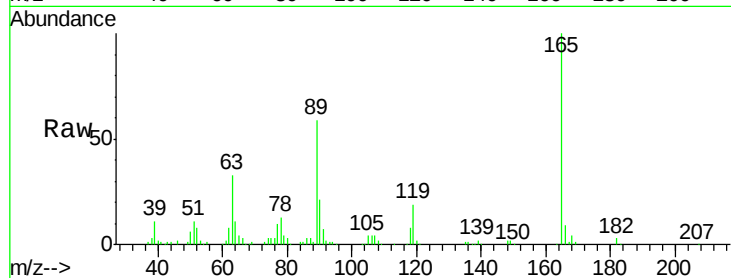




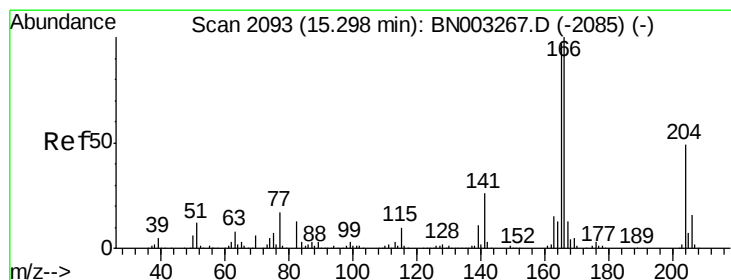
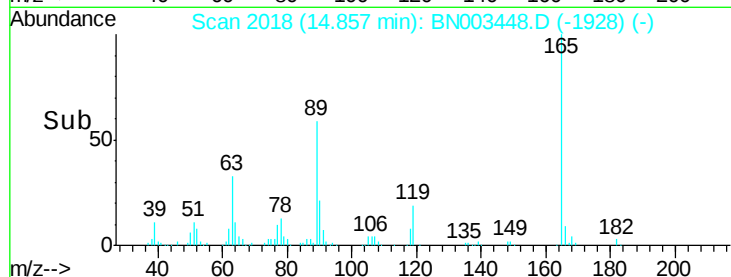
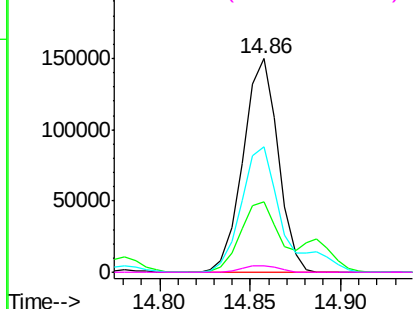
#57
 2,4-Dinitrotoluene
 Concen: 31.93 ng
 RT: 14.86 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BN003448.D
 Acq: 07 Nov 2018 00:59

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:165 Resp: 200857
 Ion Ratio Lower Upper
 165 100
 63 32.8 45.8 68.6#
 89 58.7 58.7 88.1
 182 3.3 2.3 3.5

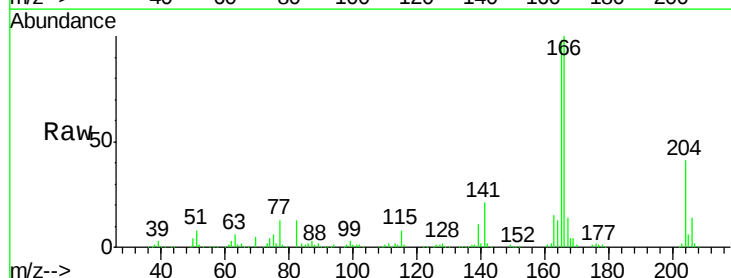


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC
 Ion 182.00 (181.70 to 182.70): E

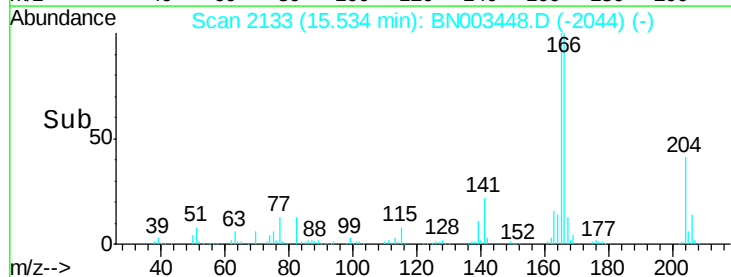
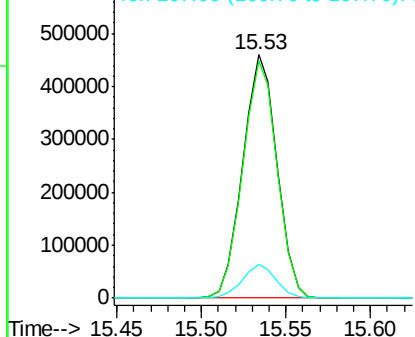


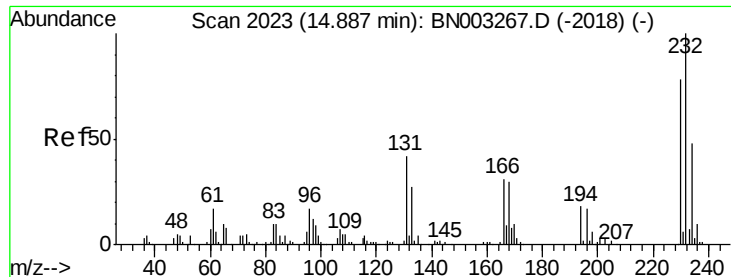
#58
 Fluorene
 Concen: 33.95 ng
 RT: 15.53 min Scan# 2133
 Delta R.T. -0.01 min
 Lab File: BN003448.D
 Acq: 07 Nov 2018 00:59

Tgt Ion:166 Resp: 647082
 Ion Ratio Lower Upper
 166 100
 165 97.6 77.6 116.4
 167 13.7 10.6 16.0



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

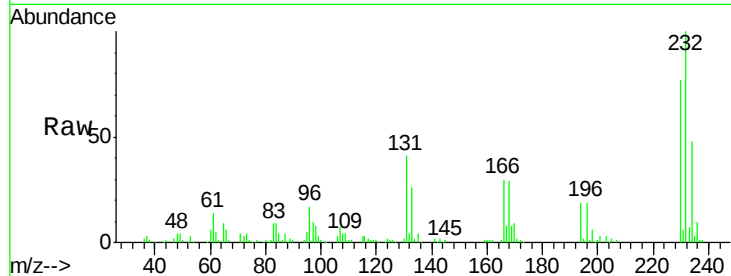




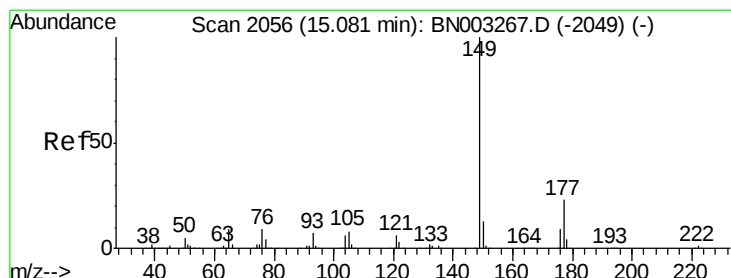
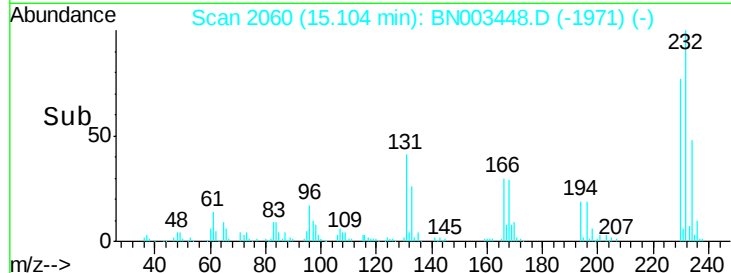
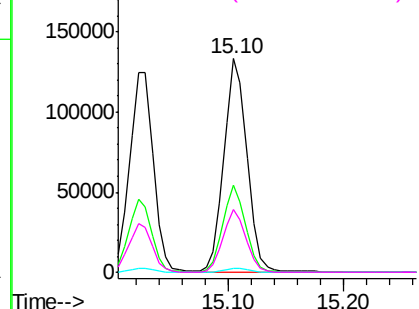
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.23 ng
 RT: 15.10 min Scan# 2060
 Delta R.T. -0.01 min
 Lab File: BN003448.D
 Acq: 07 Nov 2018 00:59

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:232 Resp: 185071
 Ion Ratio Lower Upper
 232 100
 131 39.7 33.7 50.5
 130 1.9 1.6 2.4
 166 28.8 24.3 36.5

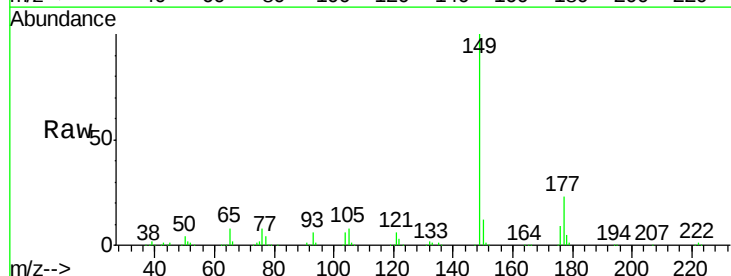


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

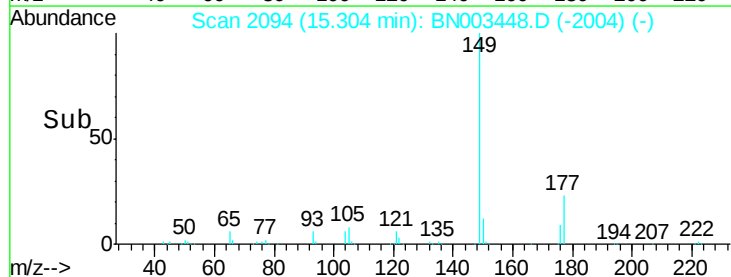
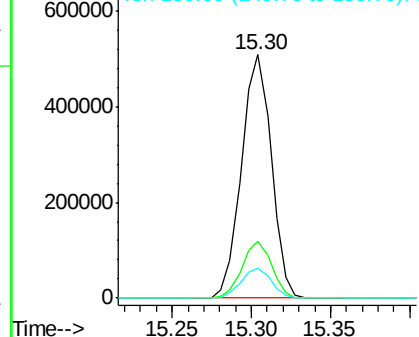


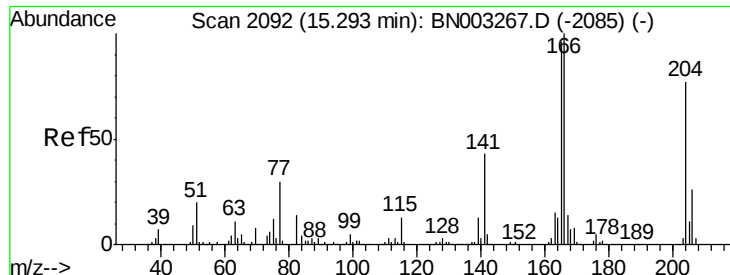
#60
 Diethylphthalate
 Concen: 32.00 ng
 RT: 15.30 min Scan# 2094
 Delta R.T. 0.00 min
 Lab File: BN003448.D
 Acq: 07 Nov 2018 00:59

Tgt Ion:149 Resp: 663951
 Ion Ratio Lower Upper
 149 100
 177 23.1 18.6 28.0
 150 12.4 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

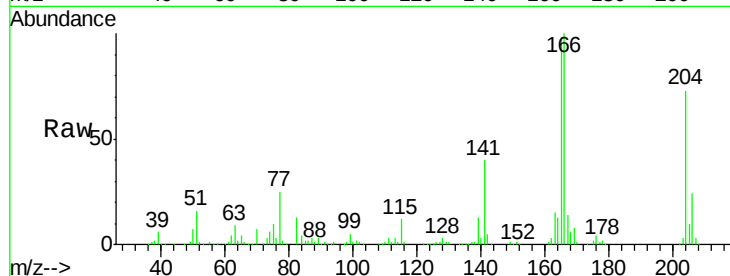




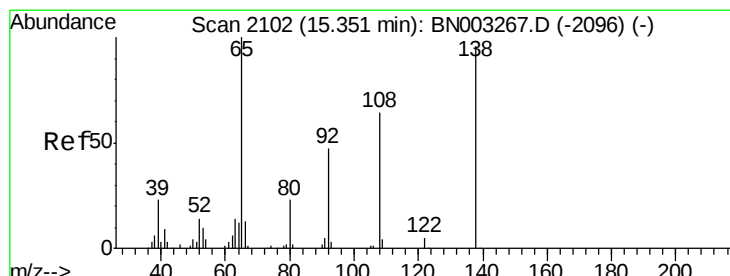
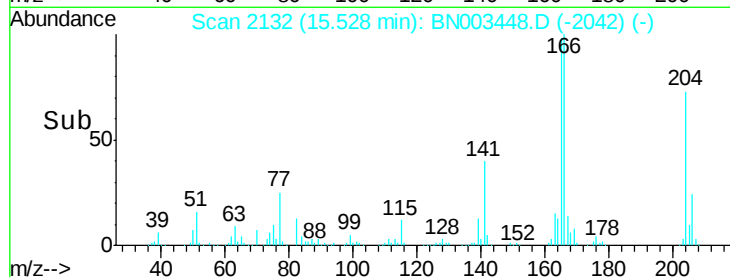
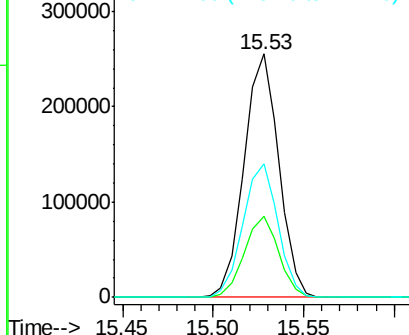
#61
4-Chlorophenyl-phenylether
Concen: 32.00 ng
RT: 15.53 min Scan# 2132
Delta R.T. 0.00 min
Lab File: BN003448.D
Acq: 07 Nov 2018 00:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion:204 Resp: 338827
Ion Ratio Lower Upper
204 100
206 33.1 26.6 39.8
141 54.6 44.6 67.0

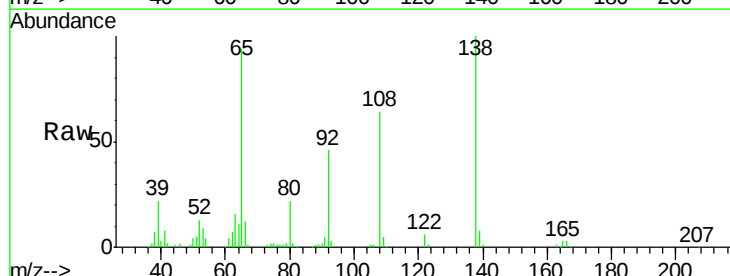


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

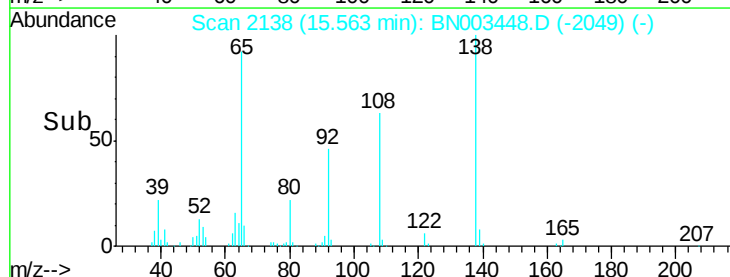
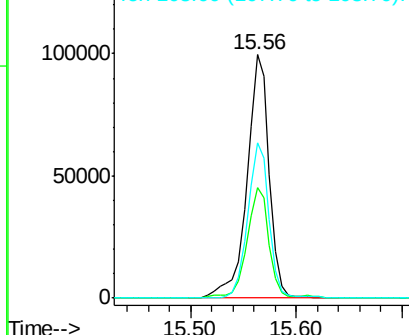


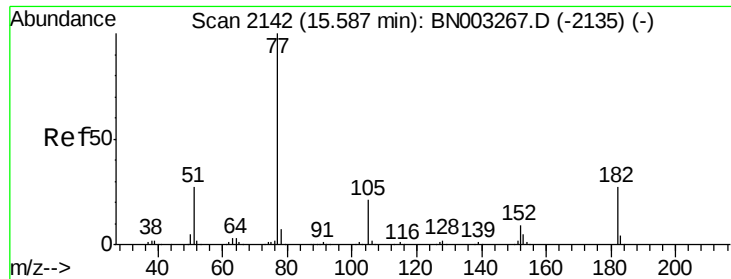
#62
4-Nitroaniline
Concen: 30.12 ng
RT: 15.56 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BN003448.D
Acq: 07 Nov 2018 00:59

Tgt Ion:138 Resp: 145936
Ion Ratio Lower Upper
138 100
92 45.5 27.9 67.9
108 63.6 46.3 86.3



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

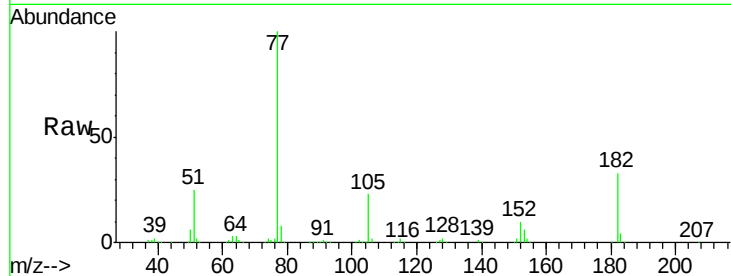




#63
Azobenzene
Concen: 29.85 ng
RT: 15.82 min Scan# 2182
Delta R.T. 0.00 min
Lab File: BN003448.D
Acq: 07 Nov 2018 00:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion:	77	Resp:	572348
Ion	Ratio	Lower	Upper
77	100		
182	32.6	6.5	46.5
105	23.2	1.0	41.0
51	25.5	7.0	47.0

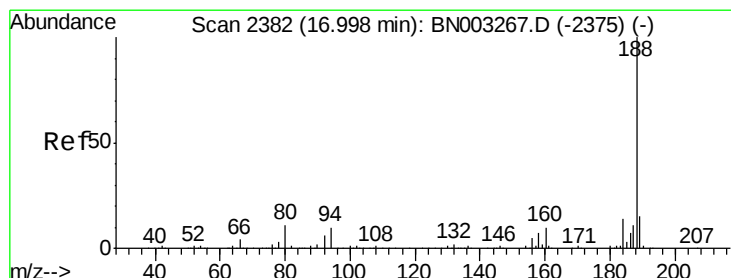
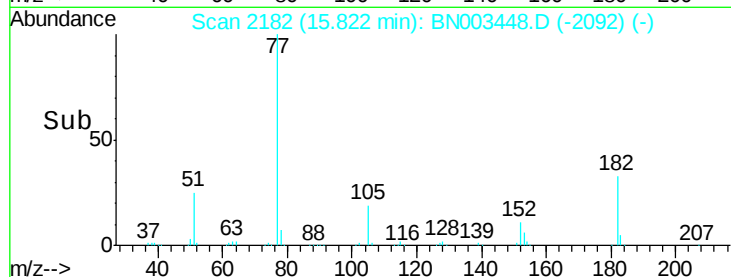
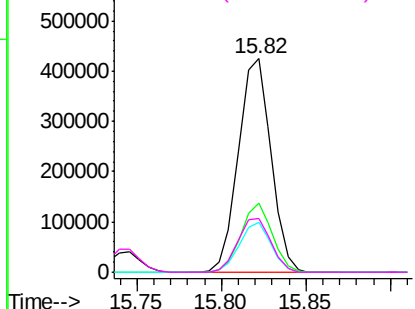


Abundance Ion 77.00 (76.70 to 77.70): BN003448.D (-2092) (-)

Ion 182.00 (181.70 to 182.70): BN003448.D (-2092) (-)

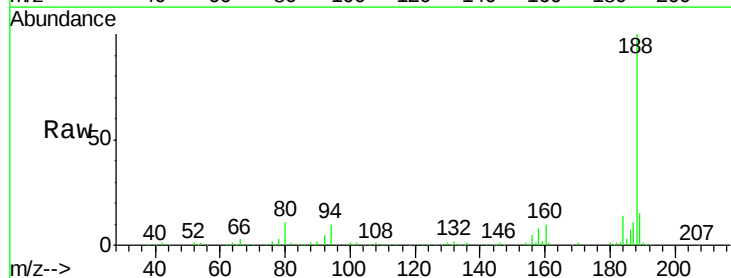
Ion 105.00 (104.70 to 105.70): BN003448.D (-2092) (-)

Ion 51.00 (50.70 to 51.70): BN003448.D (-2092) (-)



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.23 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BN003448.D
Acq: 07 Nov 2018 00:59

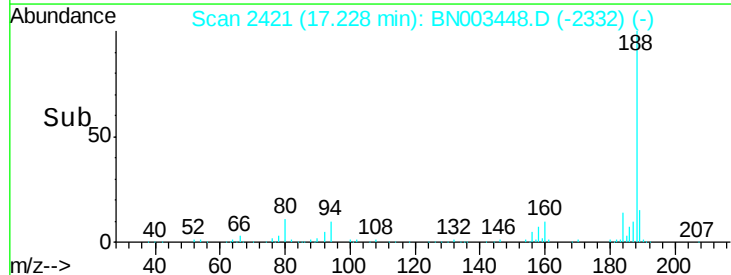
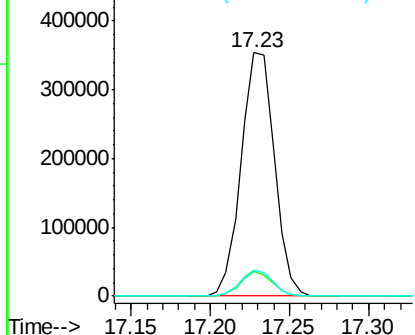
Tgt Ion:	188	Resp:	516896
Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.1	12.1
80	10.7	8.6	13.0

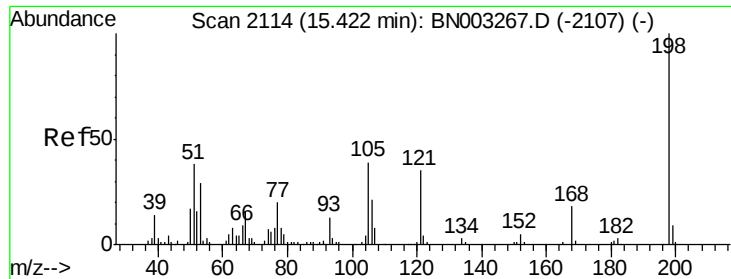


Abundance Ion 188.00 (187.70 to 188.70): BN003448.D (-2332) (-)

Ion 94.00 (93.70 to 94.70): BN003448.D (-2332) (-)

Ion 80.00 (79.70 to 80.70): BN003448.D (-2332) (-)

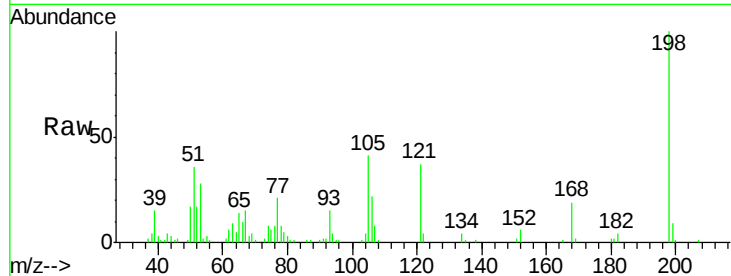




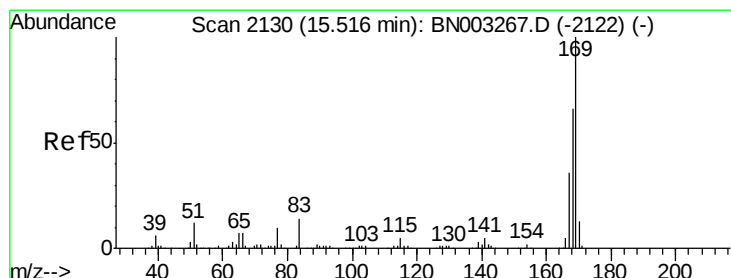
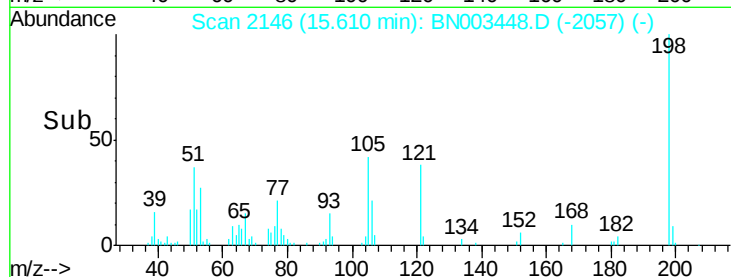
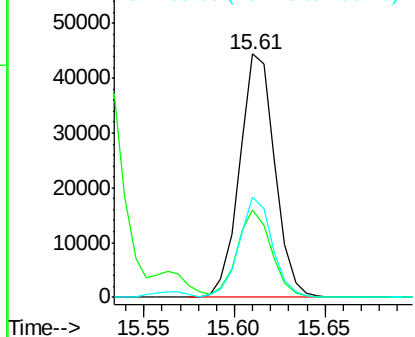
#65
 4,6-Dinitro-2-methylphenol
 Concen: 16.59 ng
 RT: 15.61 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: BN003448.D
 Acq: 07 Nov 2018 00:59

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:198 Resp: 59842
 Ion Ratio Lower Upper
 198 100
 51 35.9 19.2 59.2
 105 41.3 18.9 58.9

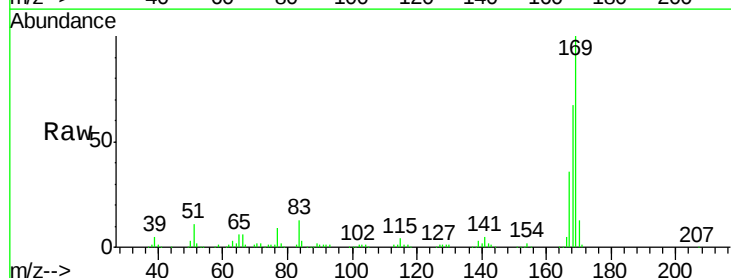


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BNO
 Ion 105.00 (104.70 to 105.70): E

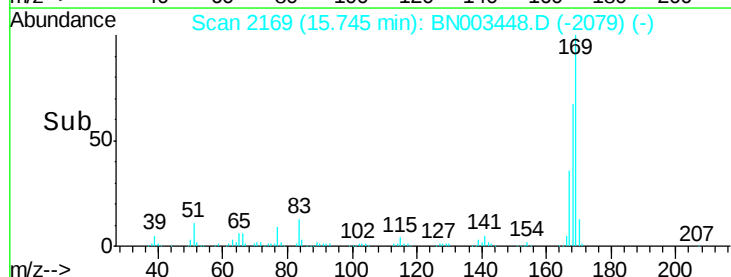
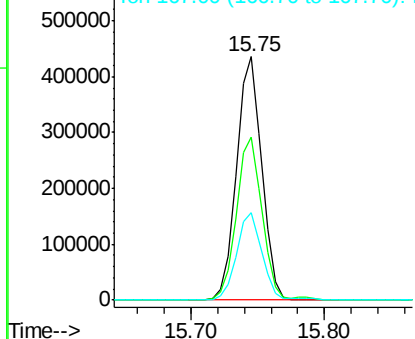


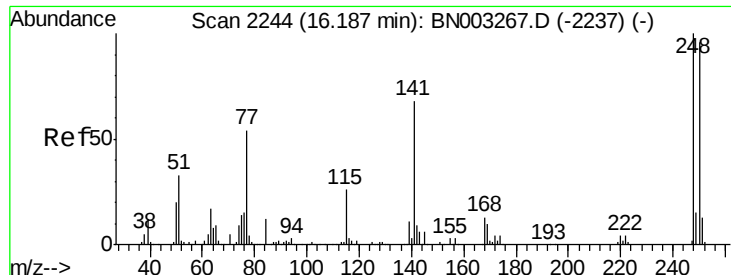
#66
 n-Nitrosodiphenylamine
 Concen: 35.22 ng
 RT: 15.75 min Scan# 2169
 Delta R.T. 0.00 min
 Lab File: BN003448.D
 Acq: 07 Nov 2018 00:59

Tgt Ion:169 Resp: 569915
 Ion Ratio Lower Upper
 169 100
 168 67.1 53.3 79.9
 167 36.1 28.6 43.0



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

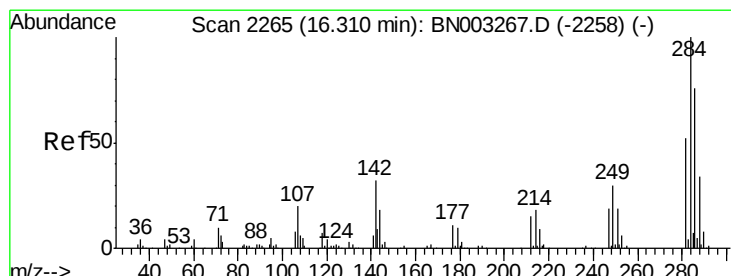
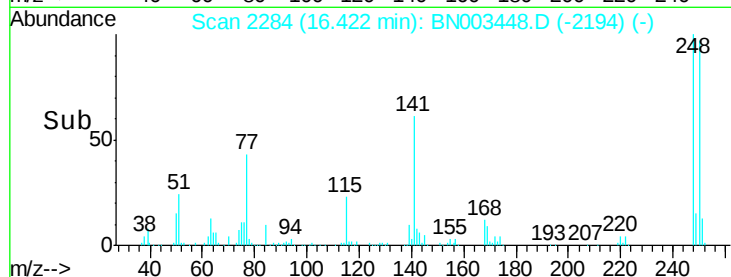
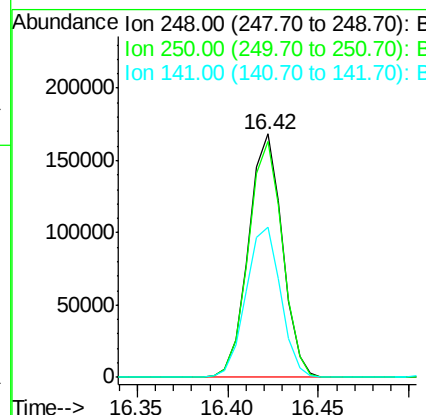
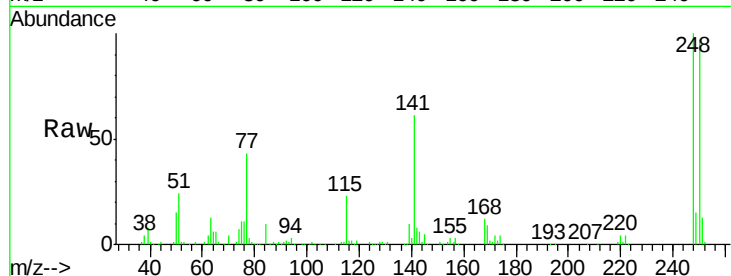




#67
4-Bromophenyl-phenylether
Concen: 37.46 ng
RT: 16.42 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BN003448.D
Acq: 07 Nov 2018 00:59

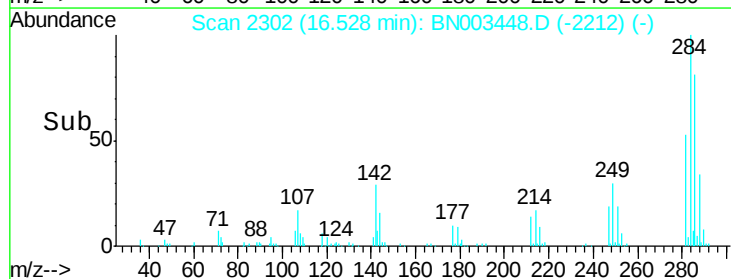
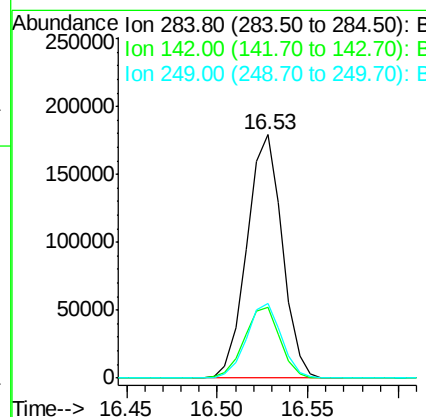
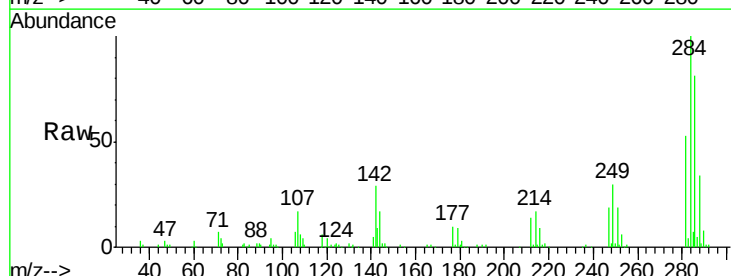
Instrument :
BNA_N
ClientSampled :

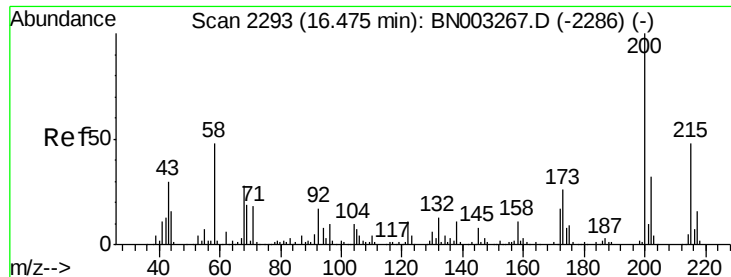
Tot Ion:248 Resp: 218045
Ion Ratio Lower Upper
248 100
250 96.8 76.4 114.6
141 61.5 54.2 81.4



#68
Hexachlorobenzene
Concen: 36.59 ng
RT: 16.53 min Scan# 2302
Delta R.T. 0.00 min
Lab File: BN003448.D
Acq: 07 Nov 2018 00:59

Tgt Ion:284 Resp: 242685
Ion Ratio Lower Upper
284 100
142 28.9 25.6 38.4
249 30.4 23.6 35.4

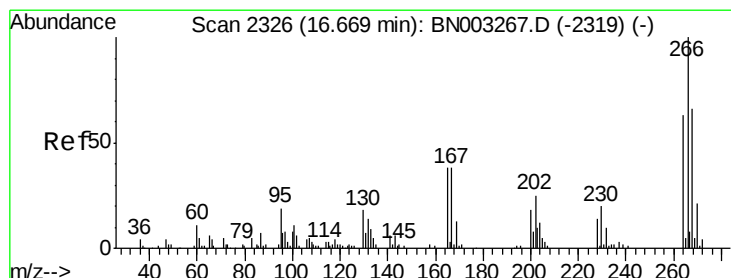
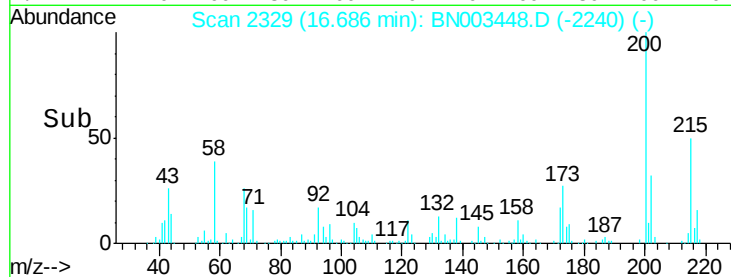
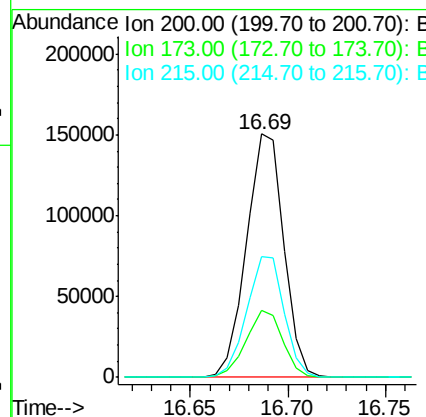
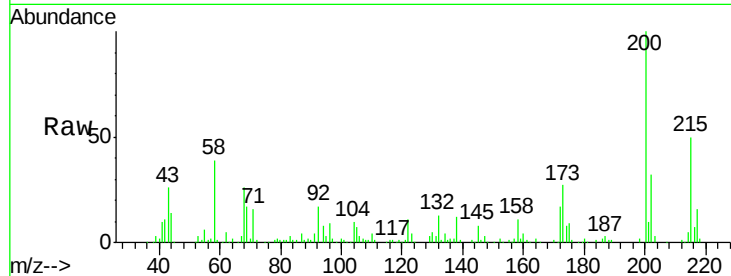




#69
 Atrazine
 Concen: 34.82 ng
 RT: 16.69 min Scan# 2329
 Delta R.T. -0.01 min
 Lab File: BN003448.D
 Acq: 07 Nov 2018 00:59

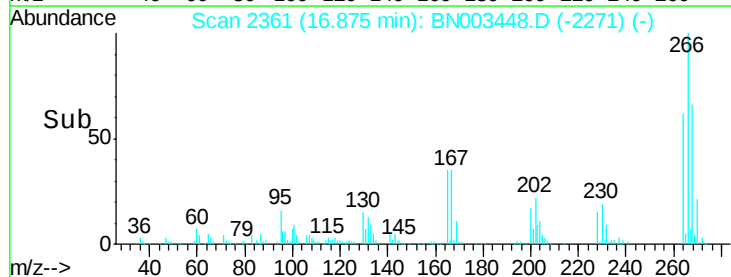
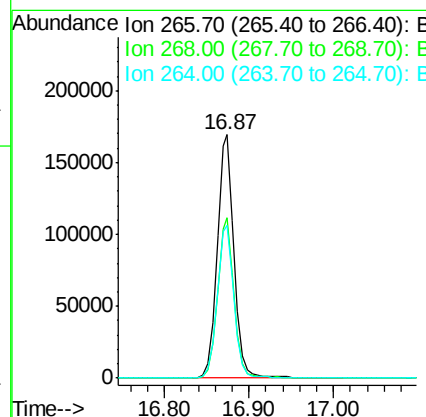
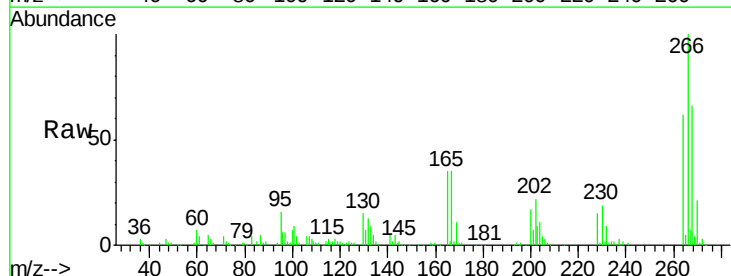
Instrument :
 BNA_N
 ClientSampleId :

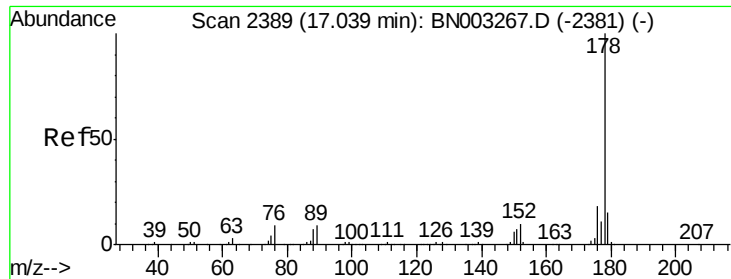
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	6.3	46.3
215	49.6	27.6	67.6



#70
 Pentachlorophenol
 Concen: 71.76 ng
 RT: 16.87 min Scan# 2361
 Delta R.T. 0.00 min
 Lab File: BN003448.D
 Acq: 07 Nov 2018 00:59

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.7	52.5	78.7
264	62.5	50.3	75.5

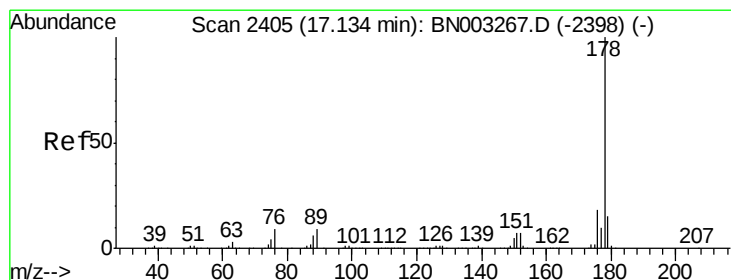
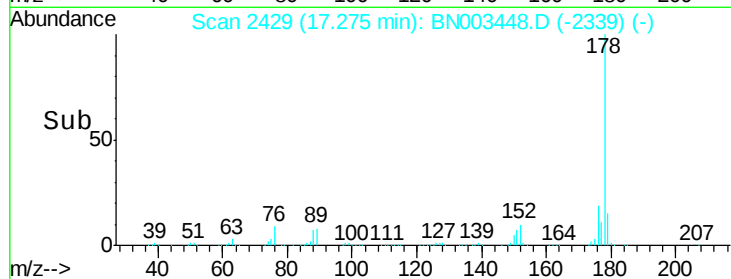
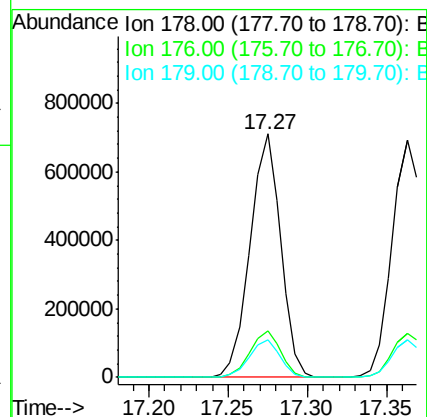
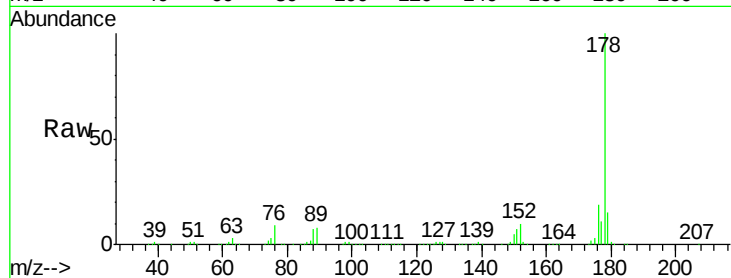




#71
Phenanthrene
Concen: 35.11 ng
RT: 17.27 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BN003448.D
Acq: 07 Nov 2018 00:59

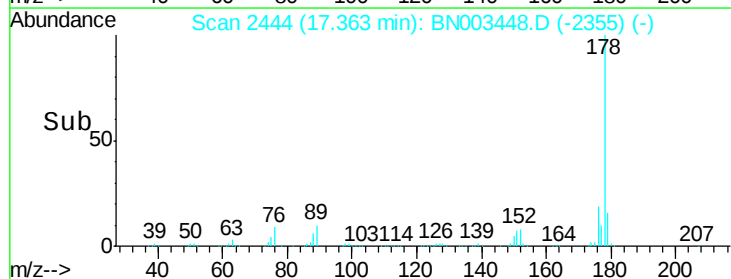
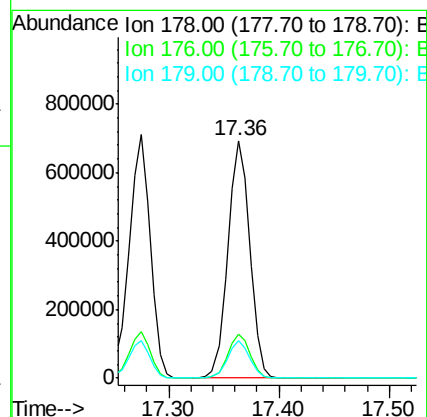
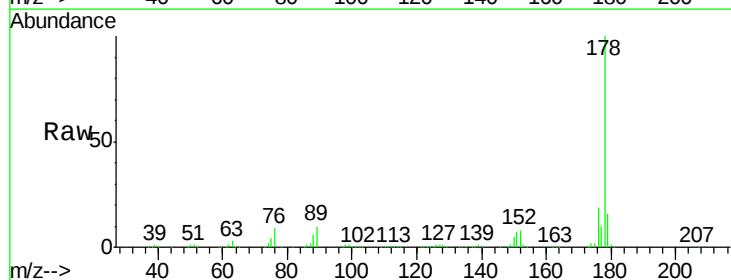
Instrument :
BNA_N
ClientSampled :

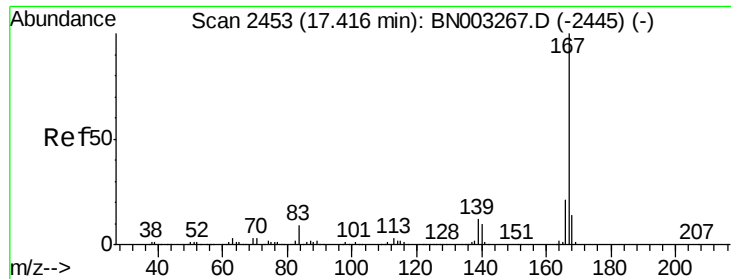
Tot Ion:178 Resp: 953982
Ion Ratio Lower Upper
178 100
176 19.0 14.4 21.6
179 15.3 12.2 18.4



#72
Anthracene
Concen: 35.59 ng
RT: 17.36 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BN003448.D
Acq: 07 Nov 2018 00:59

Tgt Ion:178 Resp: 965084
Ion Ratio Lower Upper
178 100
176 18.7 14.3 21.5
179 15.7 12.1 18.1





#73

Carbazole

Concen: 30.09 ng

RT: 17.63 min Scan# 2490

Delta R.T. -0.01 min

Lab File: BN003448.D

Acq: 07 Nov 2018 00:59

Instrument :

BNA_N

ClientSampleId :

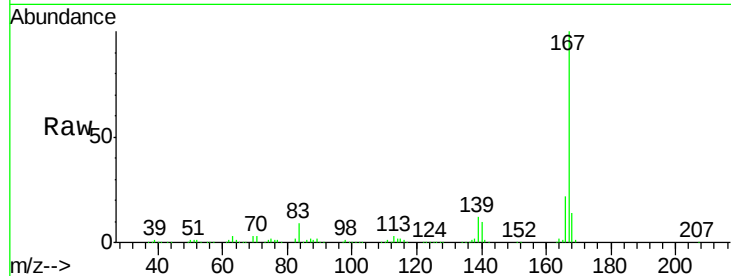
Tot Ion:167 Resp: 845072

Ion Ratio Lower Upper

167 100

166 21.7 17.0 25.6

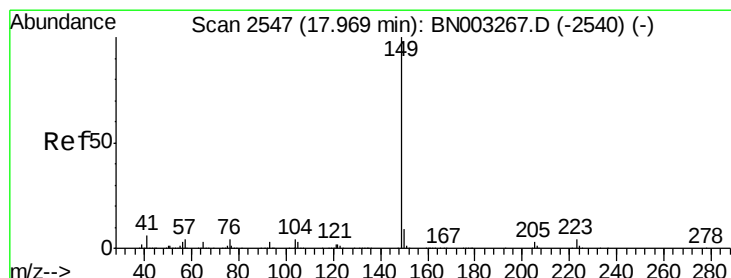
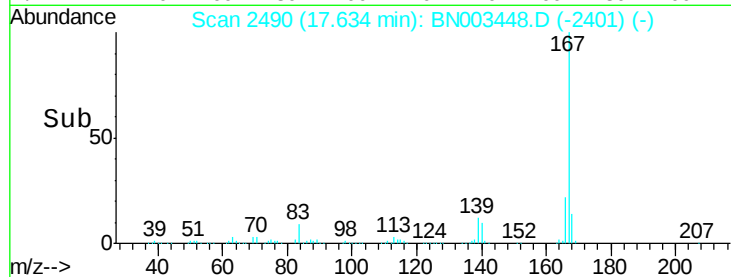
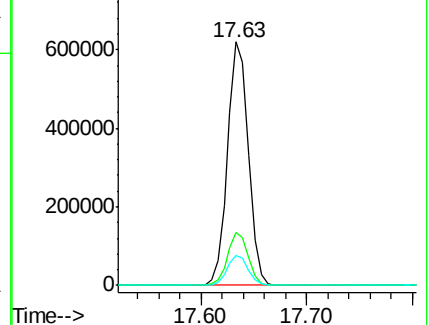
139 12.4 9.9 14.9



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



#74

Di-n-butylphthalate

Concen: 31.61 ng

RT: 18.19 min Scan# 2584

Delta R.T. 0.00 min

Lab File: BN003448.D

Acq: 07 Nov 2018 00:59

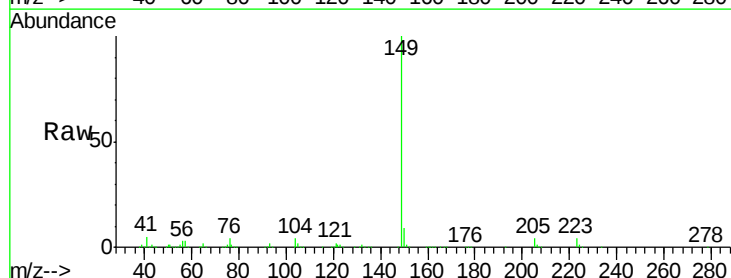
Tgt Ion:149 Resp: 1035315

Ion Ratio Lower Upper

149 100

150 9.0 7.2 10.8

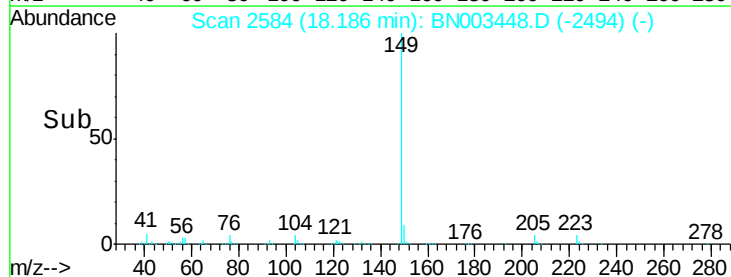
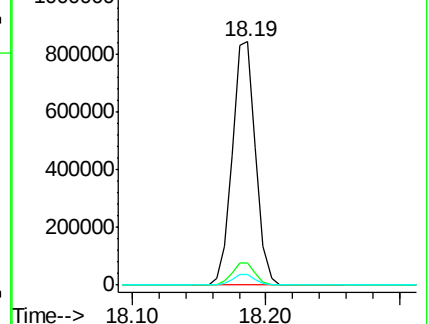
104 4.2 3.6 5.4

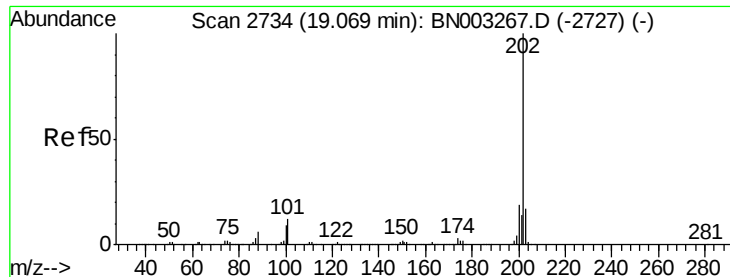


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 30.58 ng

RT: 19.29 min Scan# 2771

Delta R.T. 0.00 min

Lab File: BN003448.D

Acq: 07 Nov 2018 00:59

Instrument :

BNA_N

ClientSampleId :

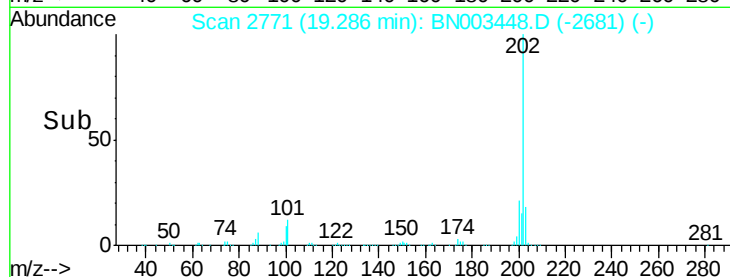
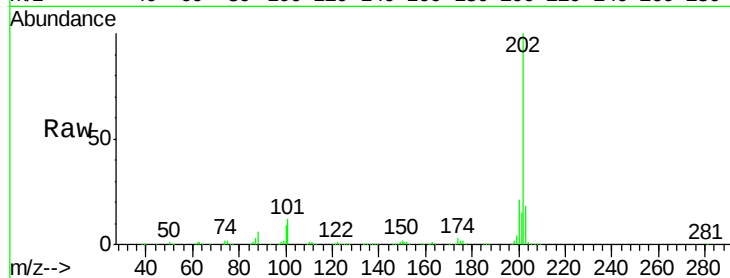
Tot Ion:202 Resp: 979083

Ion Ratio Lower Upper

202 100

101 11.6 0.0 32.3

203 17.6 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

19.29

800000

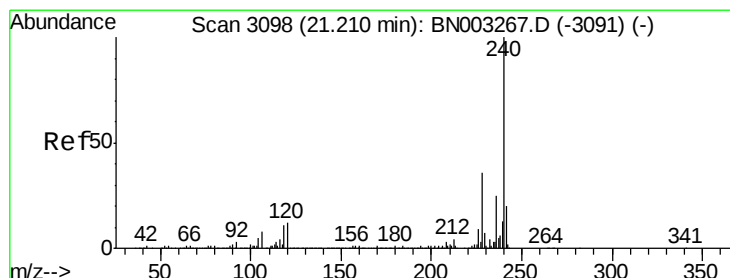
600000

400000

200000

0

Time--> 19.20 19.30 19.40



#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.41 min Scan# 3132

Delta R.T. 0.00 min

Lab File: BN003448.D

Acq: 07 Nov 2018 00:59

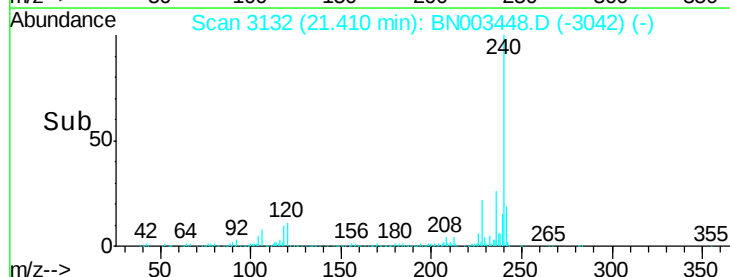
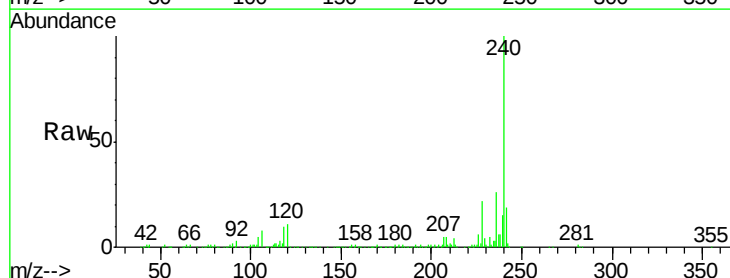
Tgt Ion:240 Resp: 415737

Ion Ratio Lower Upper

240 100

120 11.2 9.4 14.0

236 25.8 20.3 30.5



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.41

400000

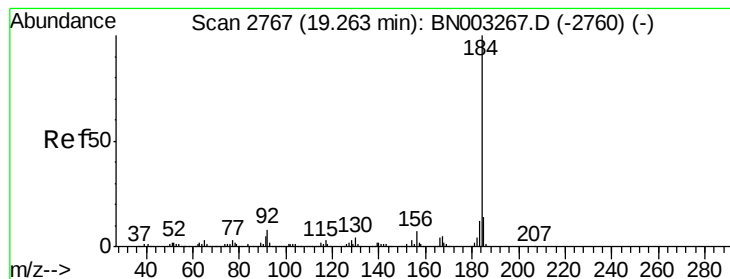
300000

200000

100000

0

Time--> 21.35 21.40 21.45 21.50



#77

Benzidine

Concen: 22.81 ng

RT: 19.47 min Scan# 2803

Delta R.T. 0.00 min

Lab File: BN003448.D

Acq: 07 Nov 2018 00:59

Instrument :

BNA_N

ClientSampleId :

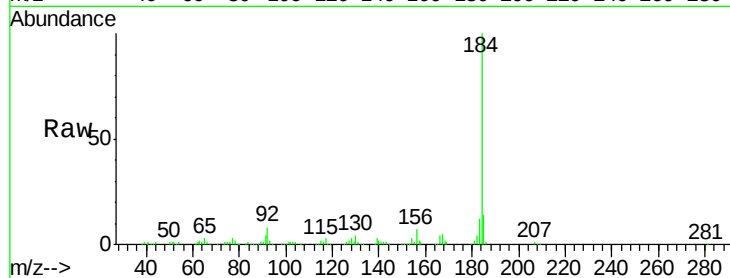
Tot Ion:184 Resp: 277626

Ion Ratio Lower Upper

184 100

185 14.4 11.5 17.3

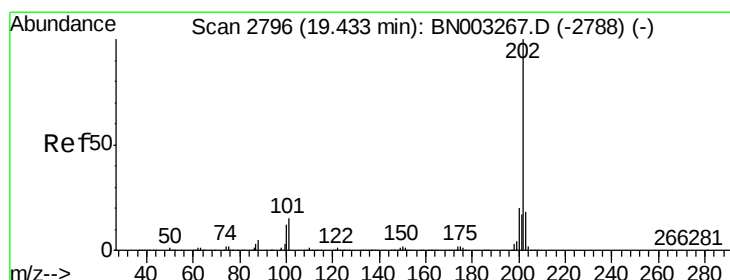
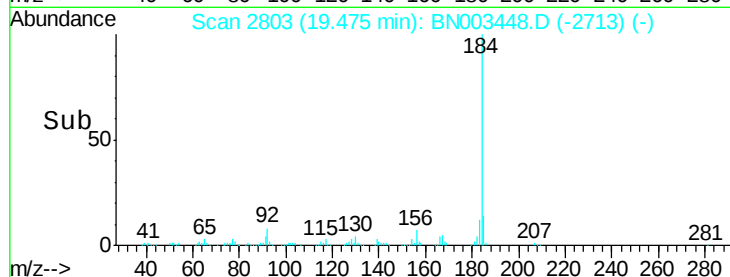
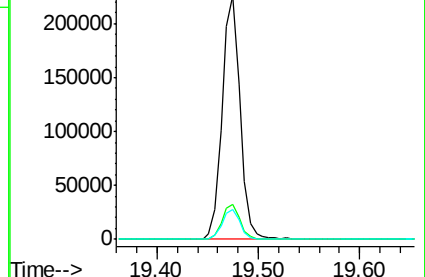
183 12.1 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.55 ng

RT: 19.65 min Scan# 2833

Delta R.T. 0.00 min

Lab File: BN003448.D

Acq: 07 Nov 2018 00:59

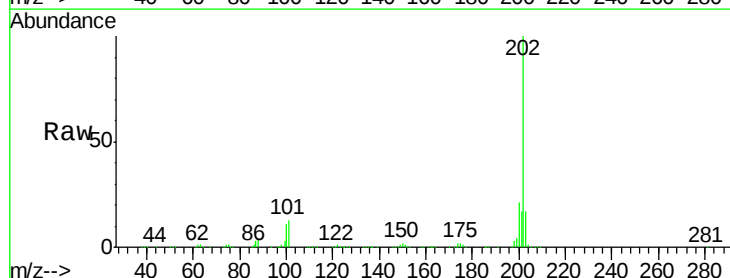
Tgt Ion:202 Resp: 966338

Ion Ratio Lower Upper

202 100

200 20.9 16.2 24.4

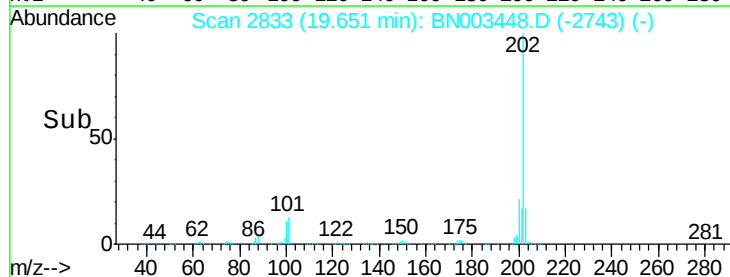
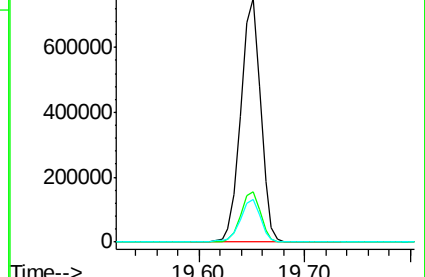
203 17.3 14.3 21.5

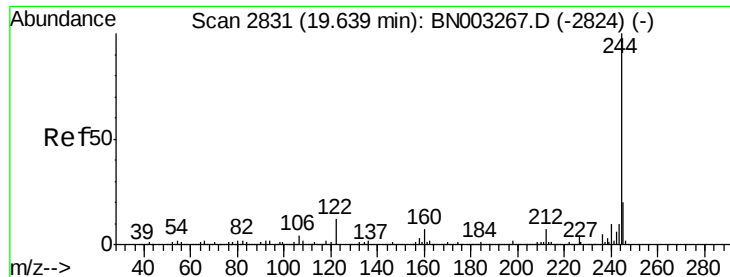


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.25 ng

RT: 19.85 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BN003448.D

Acq: 07 Nov 2018 00:59

Instrument :

BNA_N

ClientSampleId :

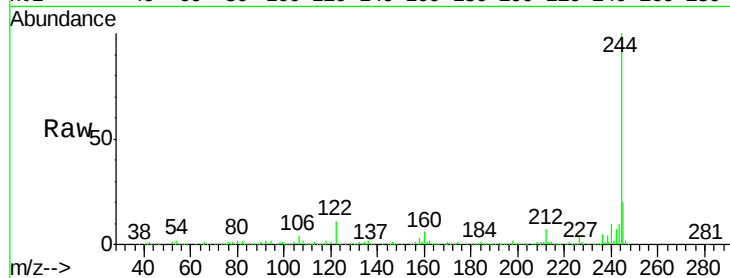
Tot Ion:244 Resp: 1424087

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

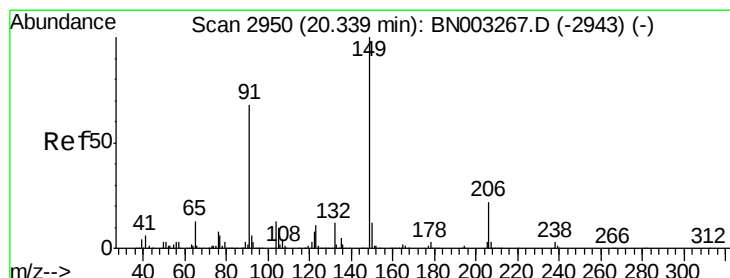
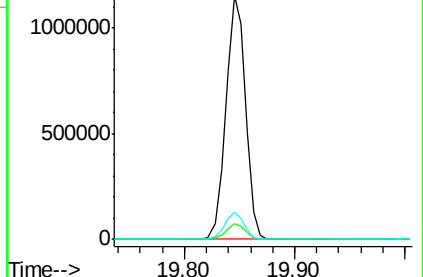
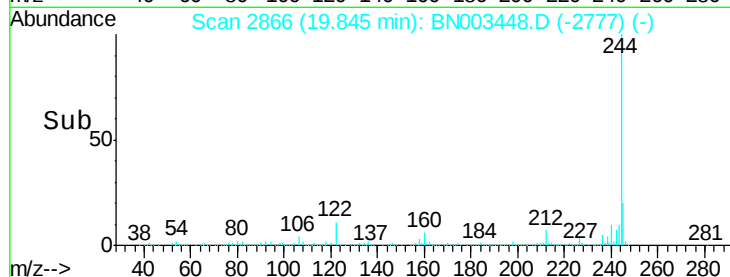
122 11.0 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 35.30 ng

RT: 20.54 min Scan# 2984

Delta R.T. 0.00 min

Lab File: BN003448.D

Acq: 07 Nov 2018 00:59

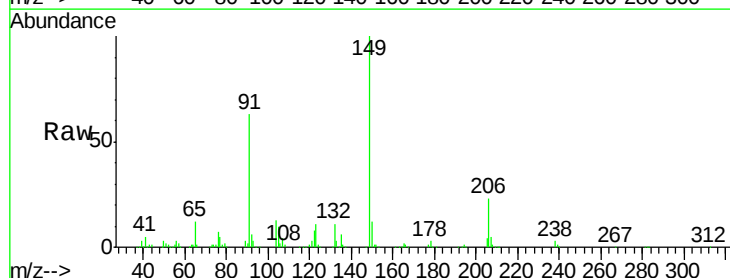
Tgt Ion:149 Resp: 400524

Ion Ratio Lower Upper

149 100

91 62.6 54.6 81.8

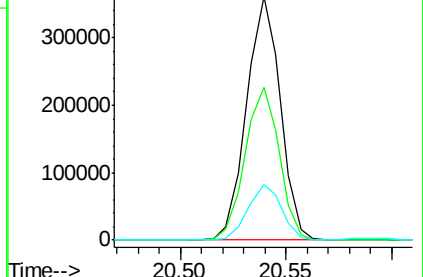
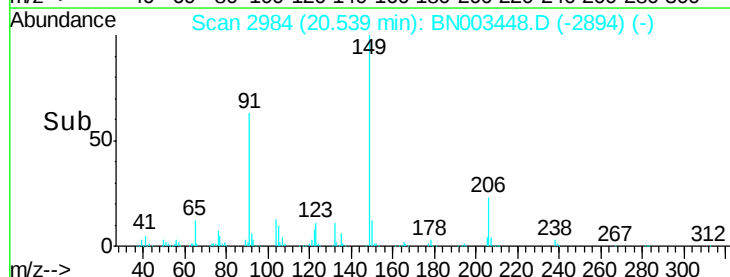
206 22.9 17.8 26.6

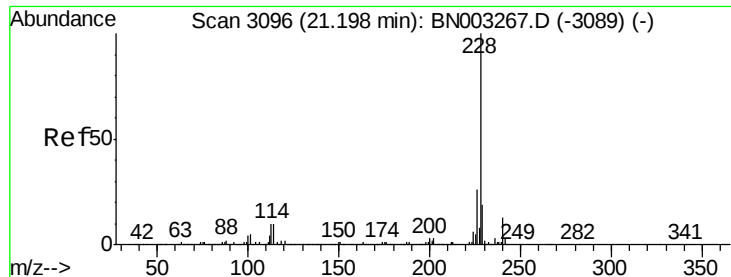


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNC

Ion 206.00 (205.70 to 206.70): E

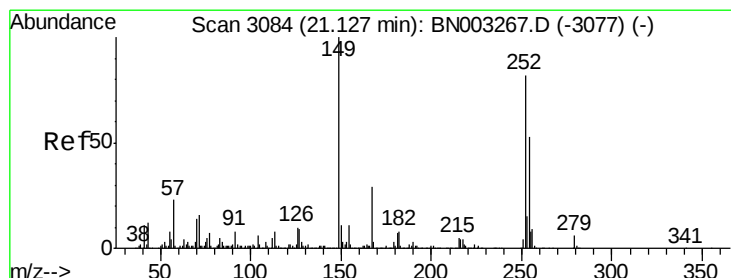
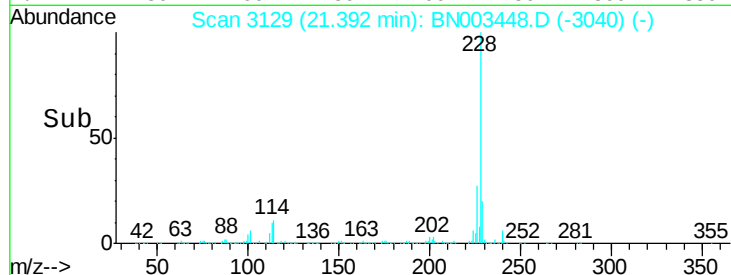
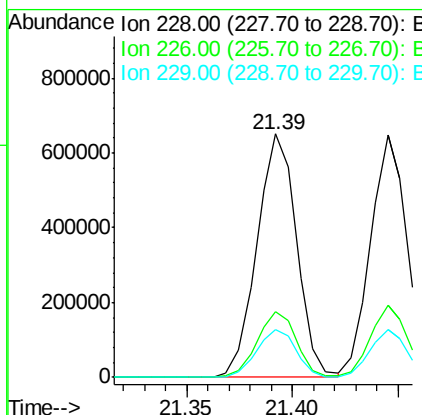
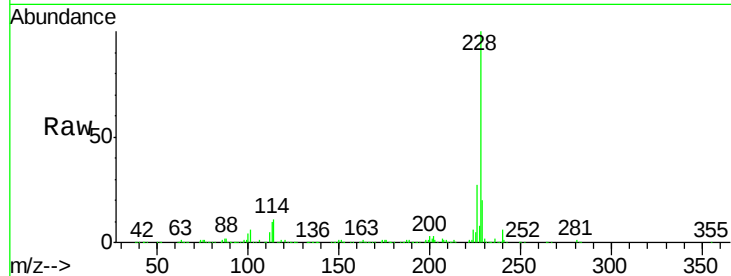




#81
Benzo(a)anthracene
Concen: 35.07 ng
RT: 21.39 min Scan# 3129
Delta R.T. -0.01 min
Lab File: BN003448.D
Acq: 07 Nov 2018 00:59

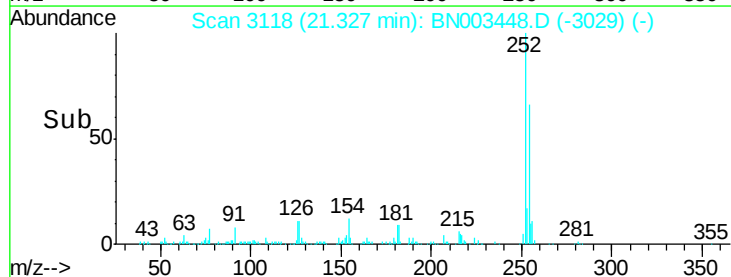
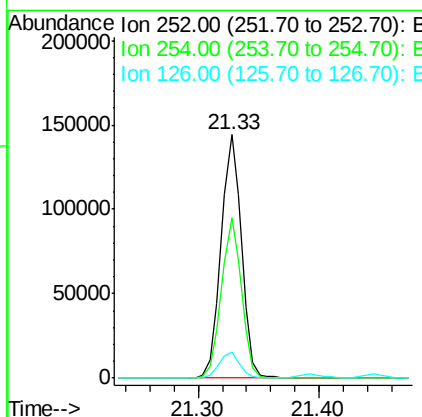
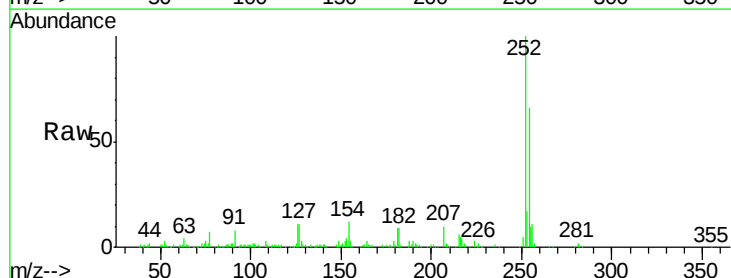
Instrument :
BNA_N
ClientSampleId :

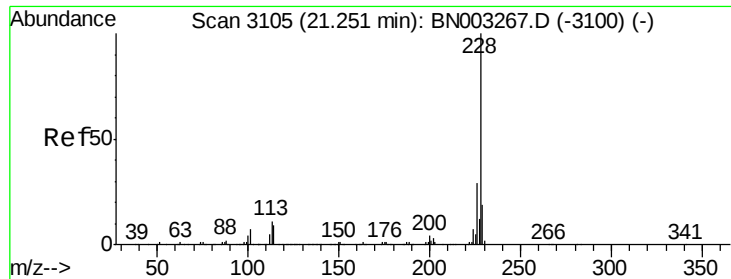
Tot Ion:228 Resp: 849157
Ion Ratio Lower Upper
228 100
226 27.1 20.8 31.2
229 19.9 15.3 22.9



#82
3,3'-Dichlorobenzidine
Concen: 16.74 ng
RT: 21.33 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BN003448.D
Acq: 07 Nov 2018 00:59

Tgt Ion:252 Resp: 167733
Ion Ratio Lower Upper
252 100
254 65.8 51.1 76.7
126 10.7 9.3 13.9





#83

Chrysene

Concen: 33.69 ng

RT: 21.45 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BN003448.D

Acq: 07 Nov 2018 00:59

Instrument :

BNA_N

ClientSampleId :

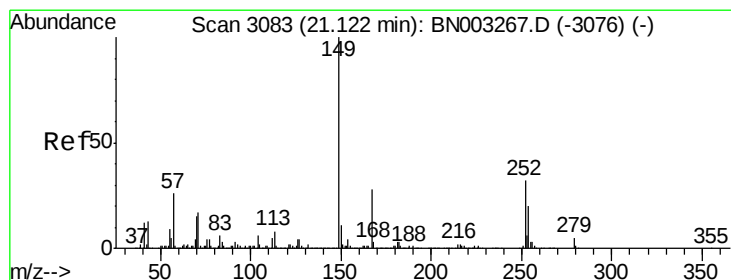
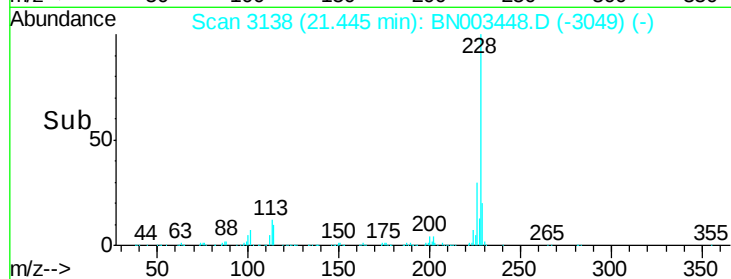
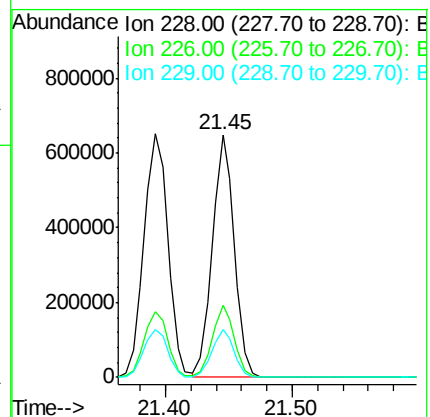
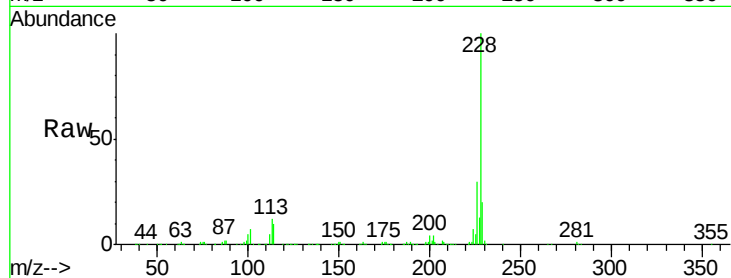
Tot Ion:228 Resp: 784199

Ion Ratio Lower Upper

228 100

226 29.8 23.3 34.9

229 19.7 15.3 22.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 34.06 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BN003448.D

Acq: 07 Nov 2018 00:59

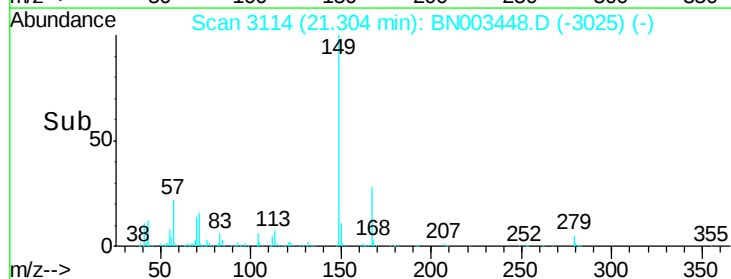
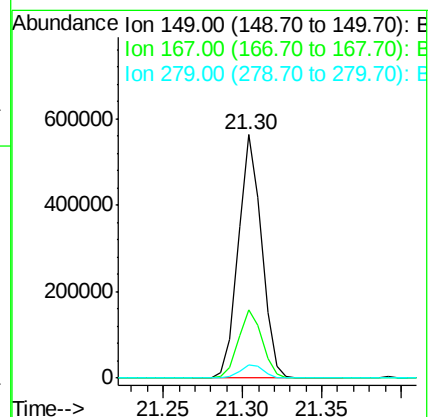
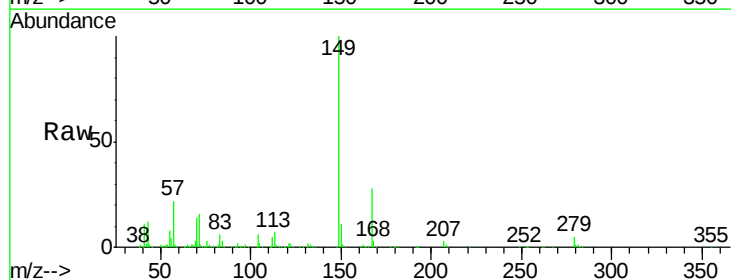
Tgt Ion:149 Resp: 573046

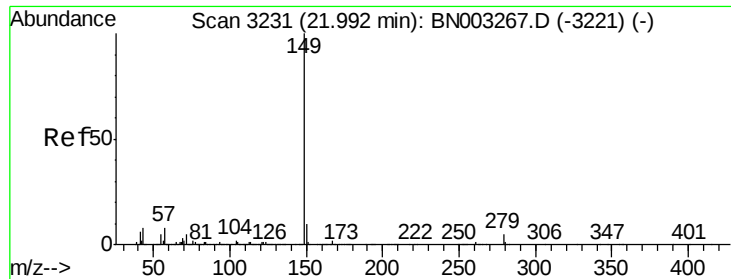
Ion Ratio Lower Upper

149 100

167 28.3 22.6 33.8

279 5.2 3.8 5.8

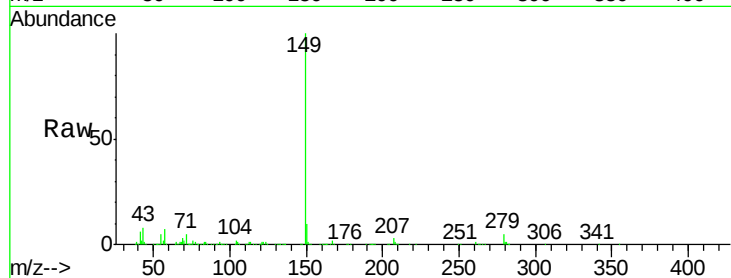




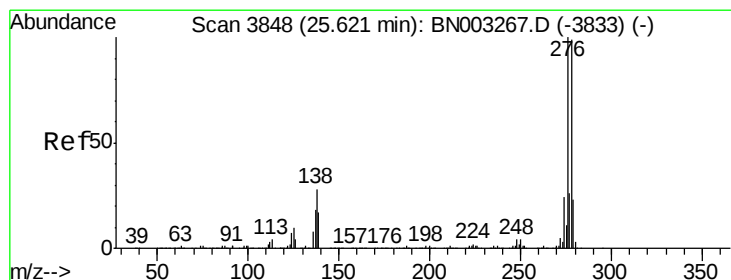
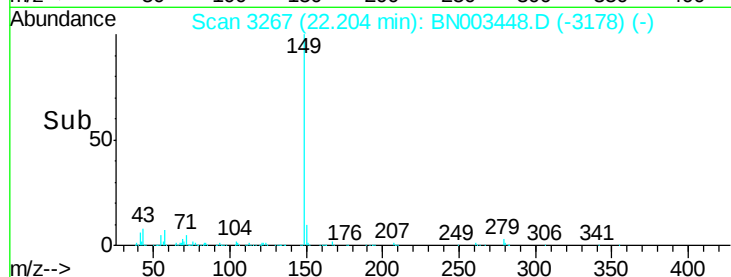
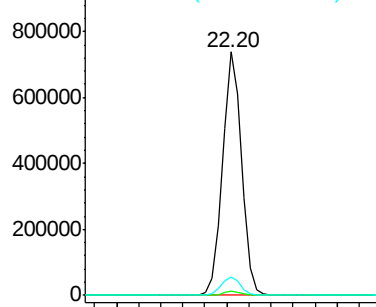
#85
Di-n-octyl phthalate
Concen: 30.94 ng
RT: 22.20 min Scan# 3267
Delta R.T. -0.01 min
Lab File: BN003448.D
Acq: 07 Nov 2018 00:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.7	6.9	10.3

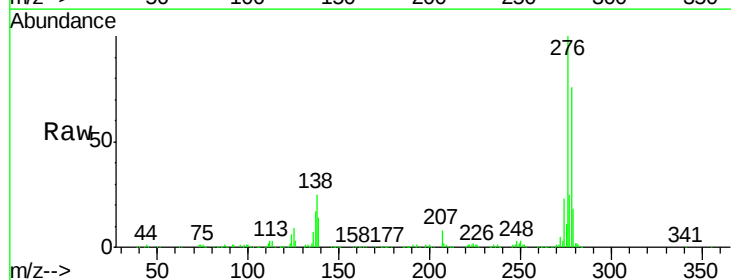


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BNC

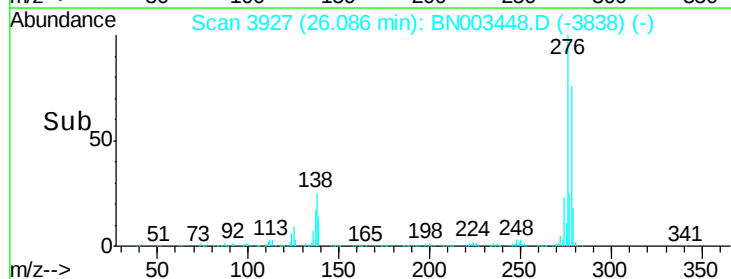
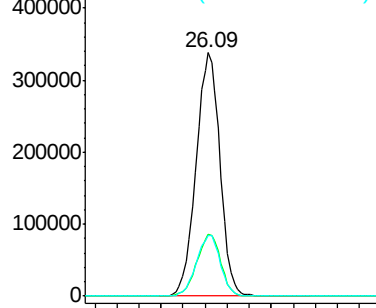


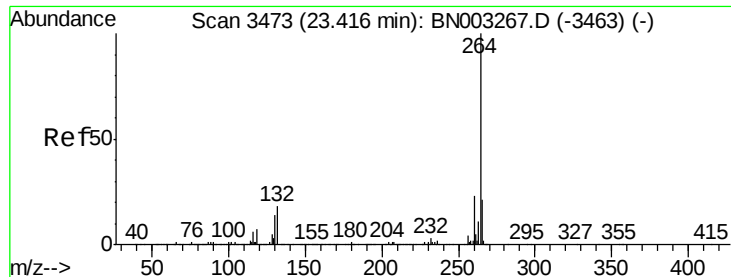
#86
Indeno(1,2,3-cd)pyrene
Concen: 38.30 ng
RT: 26.09 min Scan# 3927
Delta R.T. -0.01 min
Lab File: BN003448.D
Acq: 07 Nov 2018 00:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.4	21.2	31.8
277	25.3	20.2	30.4



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





#87

Pervlene-d12

Concen: 20.00 ng

RT: 23.72 min Scan# 3525

Delta R.T. -0.01 min

Lab File: BN003448.D

Acq: 07 Nov 2018 00:59

Instrument :

BNA_N

ClientSampled :

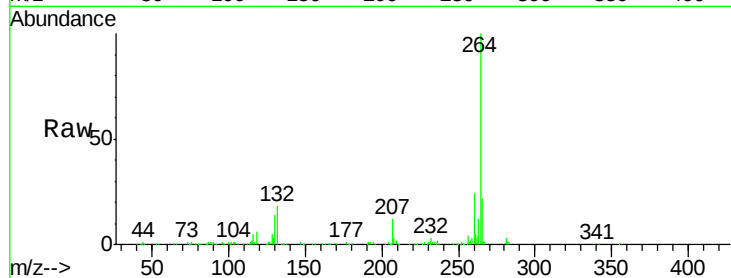
Tot Ion:264 Resp: 420111

Ion Ratio Lower Upper

264 100

260 24.1 18.5 27.7

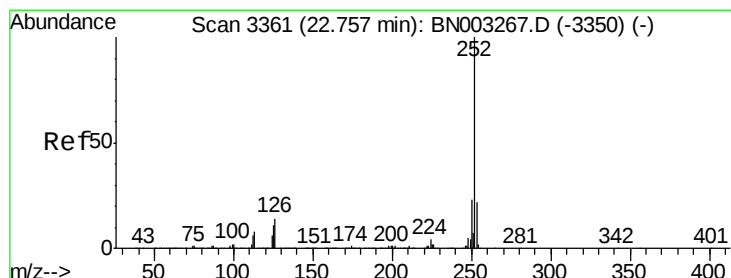
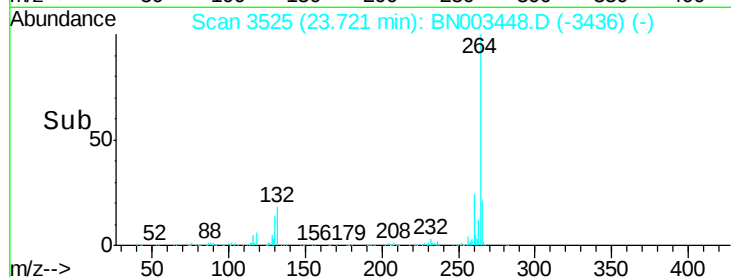
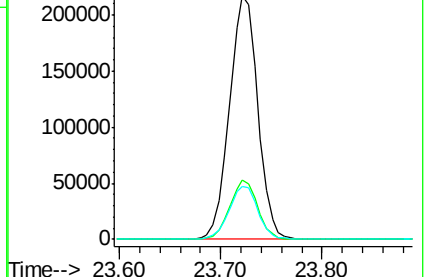
265 21.6 16.6 25.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 36.85 ng

RT: 23.02 min Scan# 3406

Delta R.T. -0.01 min

Lab File: BN003448.D

Acq: 07 Nov 2018 00:59

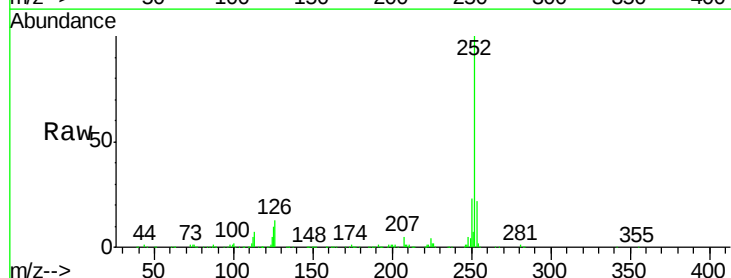
Tgt Ion:252 Resp: 852490

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

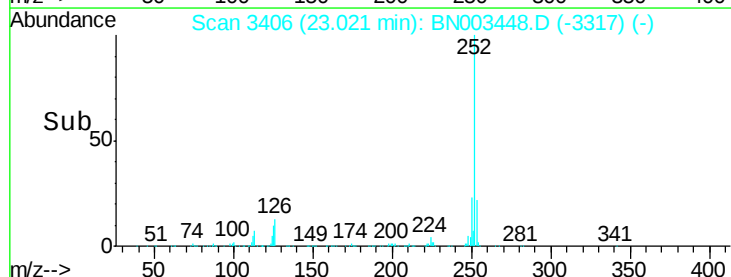
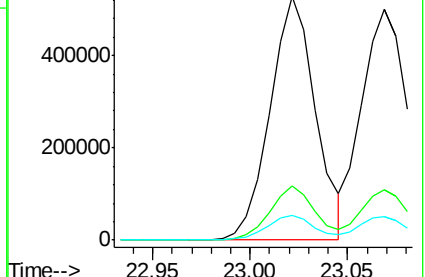
125 10.2 8.6 12.8

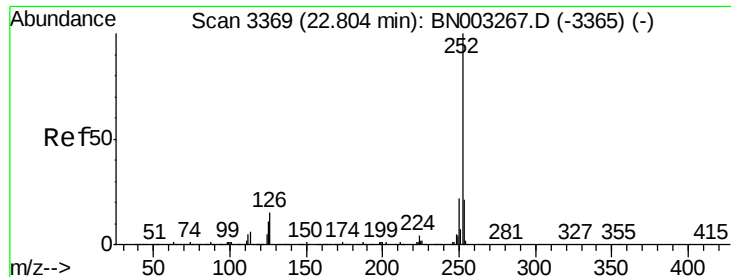


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

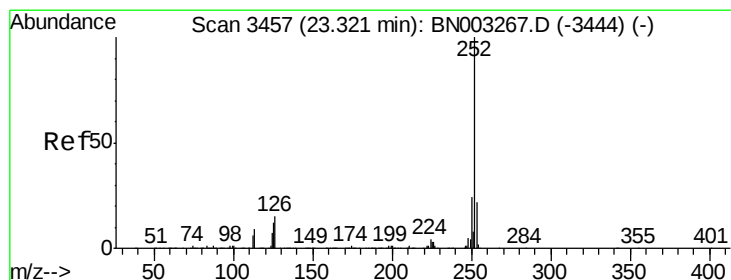
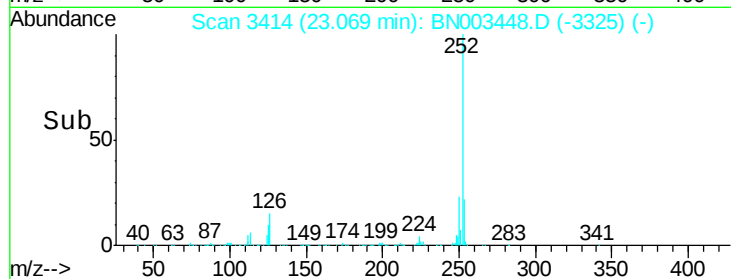
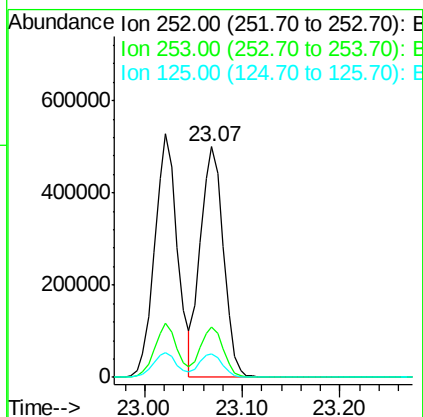
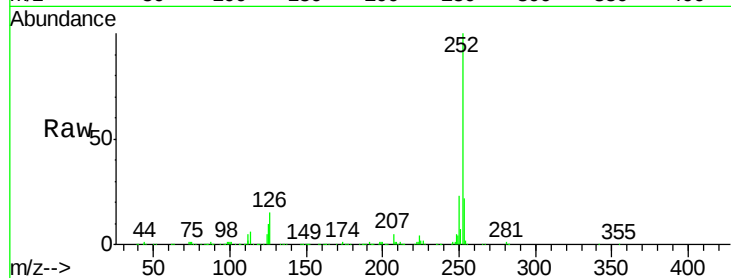




#89
Benzo(k)fluoranthene
Concen: 35.97 ng
RT: 23.07 min Scan# 3414
Delta R.T. -0.01 min
Lab File: BN003448.D
Acq: 07 Nov 2018 00:59

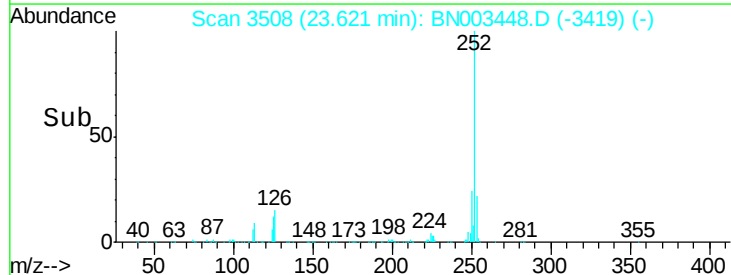
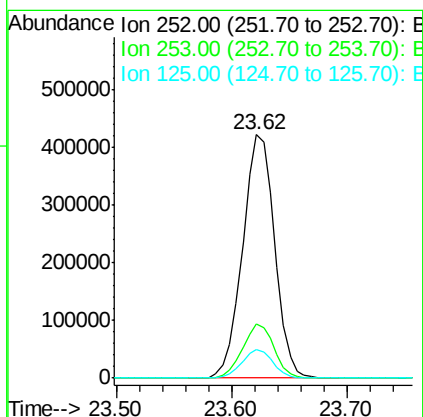
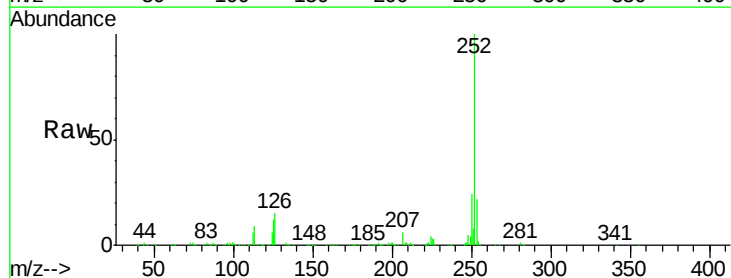
Instrument :
BNA_N
ClientSampleId :

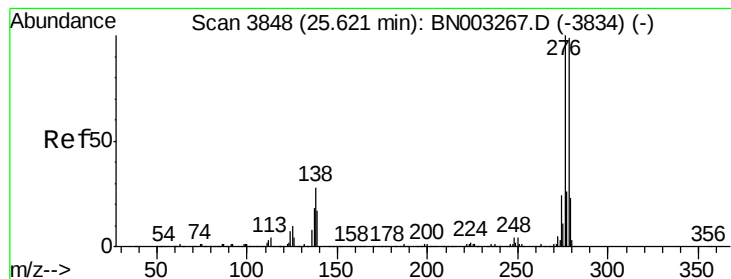
Tot Ion:252 Resp: 816095
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 10.3 8.7 13.1



#90
Benzo(a)pyrene
Concen: 36.85 ng
RT: 23.62 min Scan# 3508
Delta R.T. -0.01 min
Lab File: BN003448.D
Acq: 07 Nov 2018 00:59

Tgt Ion:252 Resp: 812345
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 11.5 9.6 14.4



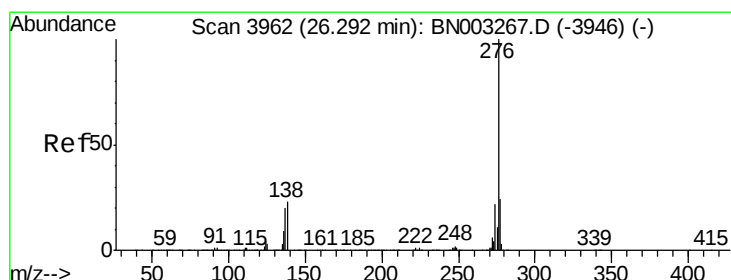
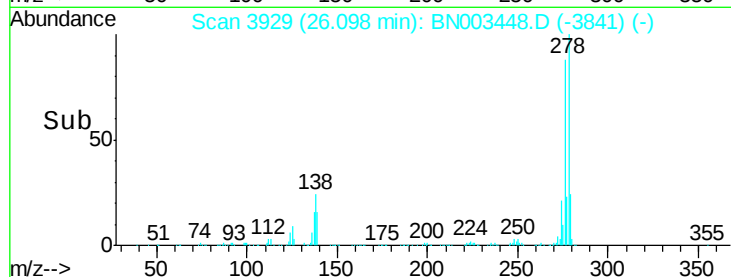
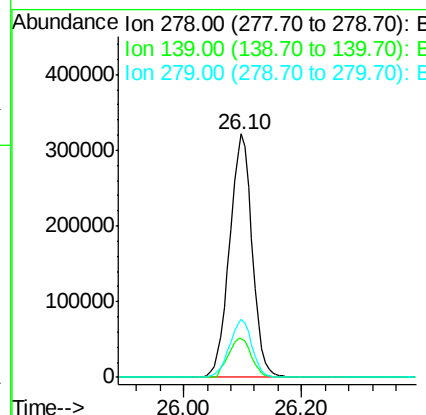
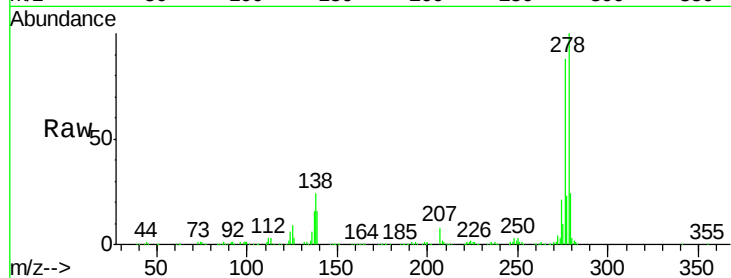


#91
Dibenzo(a,h)anthracene
Concen: 39.17 ng
RT: 26.10 min Scan# 3929
Delta R.T. -0.01 min
Lab File: BN003448.D
Acq: 07 Nov 2018 00:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 854623

Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.9	20.9
279	23.6	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 40.43 ng
RT: 26.82 min Scan# 4051
Delta R.T. -0.01 min
Lab File: BN003448.D
Acq: 07 Nov 2018 00:59

Tgt Ion:276 Resp: 847013

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.1	28.7
138	21.8	18.2	27.4

