

Data Path : Z:\HPCHEM1\BNA N\DATA\BN020718\
 Data File : BN000047.D
 Acq On : 07 Feb 2018 22:06
 Operator : JU/SJ
 Sample : MDL-W-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 08 04:28:11 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 18:24:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	273712	20.00	ng	0.00
21) Naphthalene-d8	11.31	136	1367434	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	870307	20.00	ng	0.00
63) Phenanthrene-d10	17.80	188	2093571	20.00	ng	0.00
75) Chrysene-d12	21.92	240	2415619	20.00	ng	0.00
86) Perylene-d12	24.40	264	2547821	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.95	112	3270802	194.75	ng	0.00
7) Phenol-d6	7.59	99	4652852	182.90	ng	0.00
23) Nitrobenzene-d5	9.65	82	2319154	100.84	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	1369148	158.93	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	6253774	101.28	ng	0.00
78) Terphenyl-d14	20.36	244	9700297	108.43	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.66	88	25648	3.80	ng	97
3) Pyridine	4.14	79	50062	2.38	ng	# 95
4) n-Nitrosodimethylamine	4.02	42	20033	3.37	ng	# 93
6) Aniline	7.77	93	109881	3.14	ng	89
8) 2-Chlorophenol	8.02	128	91547	4.66	ng	87
9) Benzaldehyde	7.58	77	69721	4.41	ng	94
10) Phenol	7.62	94	134351	5.00	ng	90
11) bis(2-Chloroethyl)ether	7.87	93	81067	3.67	ng	86
12) 1,3-Dichlorobenzene	8.36	146	81671	3.66	ng	98
13) 1,4-Dichlorobenzene	8.50	146	86043	3.78	ng	97
14) 1,2-Dichlorobenzene	8.83	146	85563	3.81	ng	96
15) Benzyl Alcohol	8.70	79	62240	3.40	ng	85
16) 2,2'-oxybis(1-Chloropropan	8.99	45	88288	3.78	ng	81
17) 2-Methylphenol	8.90	107	74184	3.89	ng	93
18) Hexachloroethane	9.58	117	27275	3.44	ng	# 75
19) n-Nitroso-di-n-propylamine	9.27	70	50985	2.99	ng	# 83
20) 3+4-Methylphenols	9.22	107	96204	3.60	ng	96
22) Acetophenone	9.30	105	132378	3.45	ng	# 86
24) Nitrobenzene	9.69	77	95582	3.80	ng	# 93
25) Isophorone	10.21	82	145943	3.07	ng	96
26) 2-Nitrophenol	10.40	139	22124	9.02	ng	97
27) 2,4-Dimethylphenol	10.45	122	94614	4.59	ng	92
28) bis(2-Chloroethoxy)methane	10.69	93	119465	3.92	ng	95
29) 2,4-Dichlorophenol	10.94	162	63178	3.31	ng	98
30) 1,2,4-Trichlorobenzene	11.16	180	77993	3.55	ng	96
31) Naphthalene	11.36	128	286965	3.83	ng	97
32) Benzoic acid	10.45	122	94614	15.37	ng	# 6
33) 4-Chloroaniline	11.45	127	108739	3.30	ng	96
34) Hexachlorobutadiene	11.64	225	38814	3.41	ng	92
35) Caprolactam	12.17	113	17290	5.92	ng	88
36) 4-Chloro-3-methylphenol	12.53	107	75703	3.13	ng	96
37) 2-Methylnaphthalene	12.93	142	199065	3.82	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.29	216	91473	3.56	ng	# 95
40) Hexachlorocyclopentadiene	13.27	237	29904	2.79	ng	82

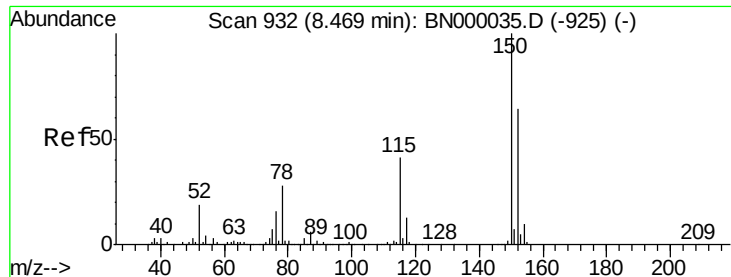
Data Path : Z:\HPCHEM1\BNA N\DATA\BN020718\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.52	196	39911	2.59	nq	99
43) 2,4,5-Trichlorophenol	13.59	196	49538	2.68	nq #	89
45) 1,1'-Biphenyl	13.92	154	303375	3.96	nq	97
46) 2-Chloronaphthalene	13.97	162	209780	3.65	nq	99
47) 2-Nitroaniline	14.16	65	32095	6.59	nq	86
48) Acenaphthylene	14.80	152	299849	3.24	nq	97
49) Dimethylphthalate	14.52	163	252243	3.47	nq	98
50) 2,6-Dinitrotoluene	14.63	165	32624	2.17	nq #	89
51) Acenaphthene	15.14	154	217089	3.60	nq	95
52) 3-Nitroaniline	14.96	138	40770	2.23	nq	98
53) 2,4-Dinitrophenol	15.16	184	5778	10.19	nq #	1
54) Dibenzofuran	15.47	168	352658	4.13	nq	96
55) 4-Nitrophenol	15.24	139	25970	6.60	nq #	85
56) 2,4-Dinitrotoluene	15.41	165	41109	5.93	nq #	91
57) Fluorene	16.11	166	274258	3.93	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.60	232	35461	2.43	nq	93
59) Diethylphthalate	15.86	149	254913	3.45	nq	95
60) 4-Chlorophenyl-phenylether	16.10	204	129013	4.06	nq	94
61) 4-Nitroaniline	16.11	138	43759	2.33	nq	93
62) Azobenzene	16.39	77	248606	3.38	nq	91
64) 4,6-Dinitro-2-methylphenol	16.16	198	12266	9.72	nq	89
65) n-Nitrosodiphenylamine	16.30	169	225601	3.31	nq	98
66) 4-Bromophenyl-phenylether	16.99	248	68001	3.42	nq #	83
67) Hexachlorobenzene	17.10	284	82258	3.54	nq #	89
68) Atrazine	17.23	200	57717	2.60	nq	93
69) Pentachlorophenol	17.44	266	25076	7.28	nq	90
70) Phenanthrene	17.84	178	488000	3.95	nq	99
71) Anthracene	17.93	178	425891	3.56	nq	96
72) Carbazole	18.19	167	411063	3.41	nq	96
73) Di-n-butylphthalate	18.73	149	315481	2.37	nq #	97
74) Fluoranthene	19.82	202	483131	3.72	nq	96
76) Benzidine	19.98	184	88964	1.16	nq	97
77) Pyrene	20.17	202	525641	3.42	nq	99
79) Butylbenzylphthalate	21.03	149	113428	6.76	nq	94
80) Benzo(a)anthracene	21.90	228	560618	3.78	nq	96
81) 3,3'-Dichlorobenzidine	21.82	252	134487	2.47	nq #	97
82) Chrysene	21.95	228	579036	3.91	nq	97
83) Bis(2-ethylhexyl)phthalate	21.80	149	176176	4.43	nq #	91
84) Di-n-octyl phthalate	22.76	149	265484	7.83	nq	100
85) Indeno(1,2,3-cd)pyrene	26.96	276	620676	3.41	nq #	87
87) Benzo(b)fluoranthene	23.64	252	546861	3.67	nq #	95
88) Benzo(k)fluoranthene	23.69	252	540163	3.60	nq #	96
89) Benzo(a)pyrene	24.29	252	486064	3.40	nq #	94
90) Dibenzo(a,h)anthracene	26.97	278	524609	3.51	nq #	90
91) Benzo(g,h,i)perylene	27.74	276	525514	3.47	nq #	90

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

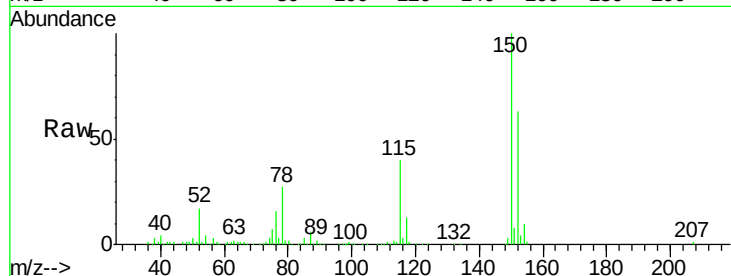


#1

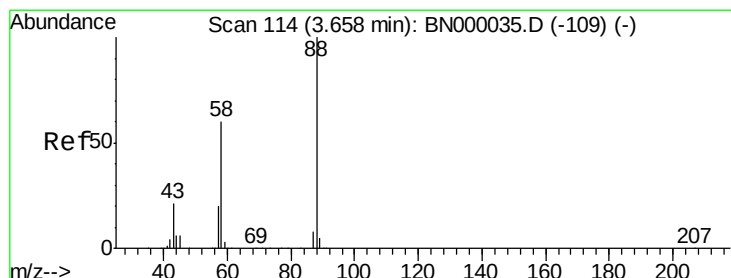
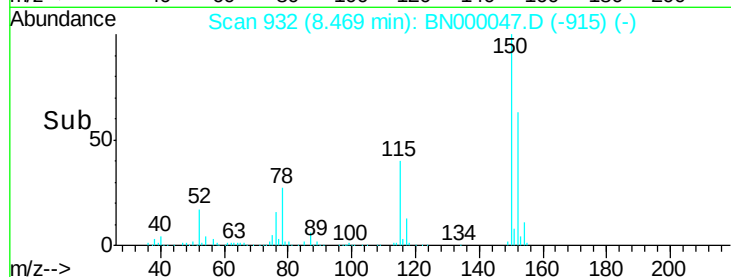
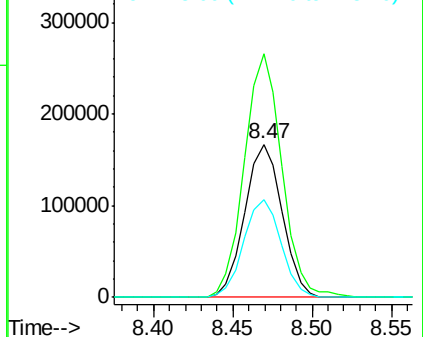
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.47 min Scan# 932
Delta R.T. 0.00 min
Lab File: BN000047.D
Acq: 07 Feb 2018 22:06

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 273712
Ion Ratio Lower Upper
152 100
150 159.4 126.6 189.8
115 63.8 53.0 79.4



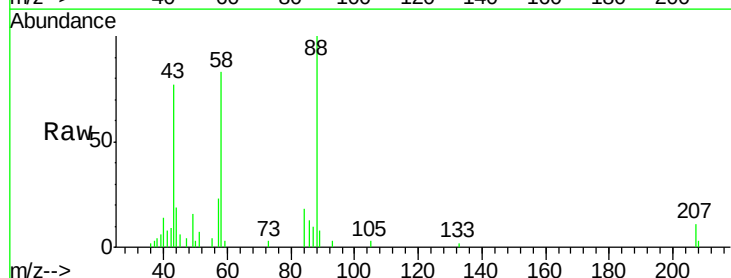
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



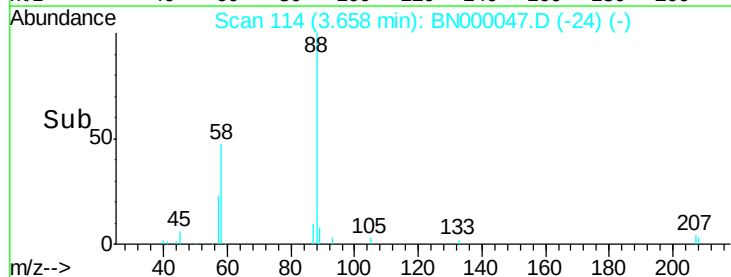
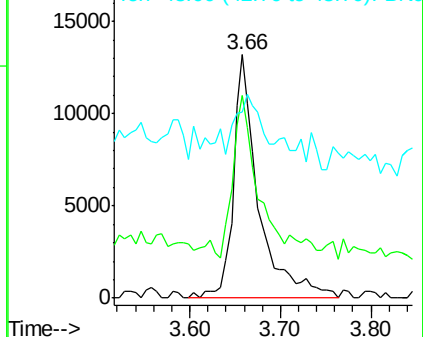
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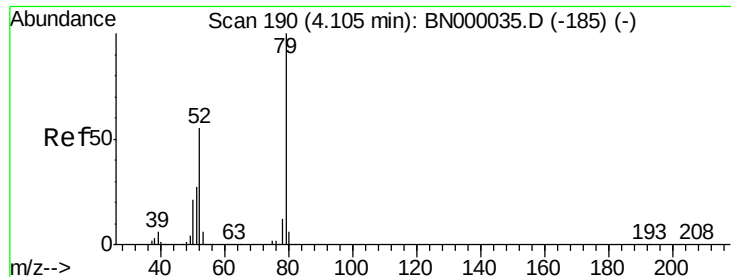
1,4-Dioxane
Concen: 3.80 ng
RT: 3.66 min Scan# 114
Delta R.T. 0.00 min
Lab File: BN000047.D
Acq: 07 Feb 2018 22:06

Tgt Ion: 88 Resp: 25648
Ion Ratio Lower Upper
88 100
58 62.9 52.0 78.0
43 22.4 20.0 30.0



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: 2.38 ng

RT: 4.14 min Scan# 196

Delta R.T. 0.04 min

Lab File: BN000047.D

Acq: 07 Feb 2018 22:06

Instrument :

BNA_N

ClientSampleId :

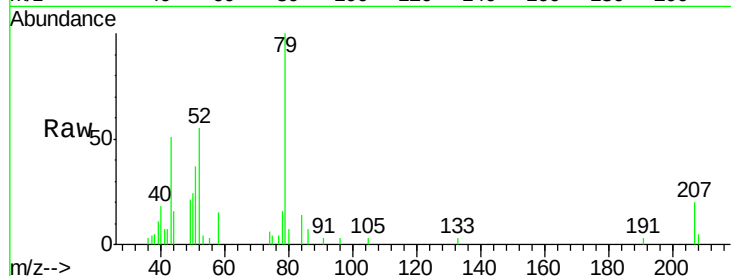
Tot Ion: 79 Resp: 50062

Ion Ratio Lower Upper

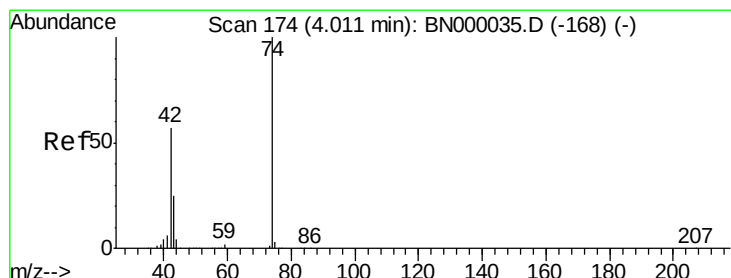
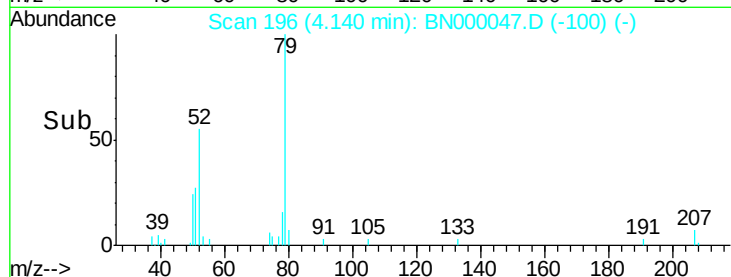
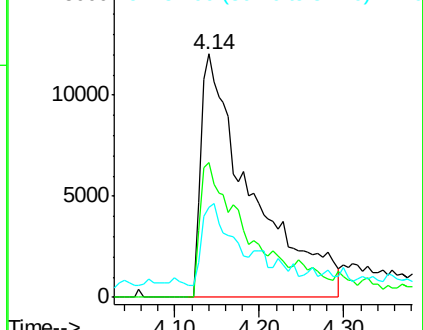
79 100

52 55.3 44.0 66.0

51 37.0 24.0 36.0#



Abundance Ion 79.00 (78.70 to 79.70): BN0
Ion 52.00 (51.70 to 52.70): BN0
Ion 51.00 (50.70 to 51.70): BN0



#4

n-Nitrosodimethylamine

Concen: 3.37 ng

RT: 4.02 min Scan# 175

Delta R.T. 0.01 min

Lab File: BN000047.D

Acq: 07 Feb 2018 22:06

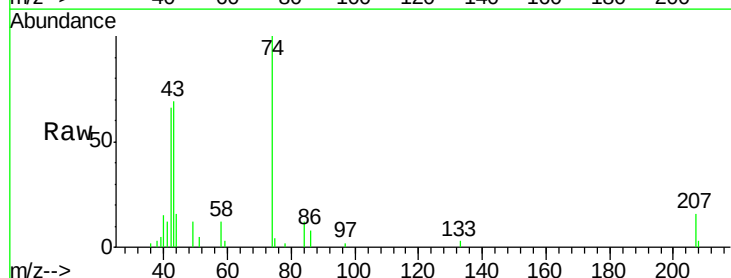
Tgt Ion: 42 Resp: 20033

Ion Ratio Lower Upper

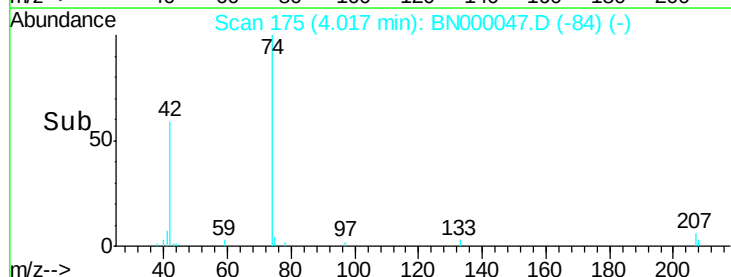
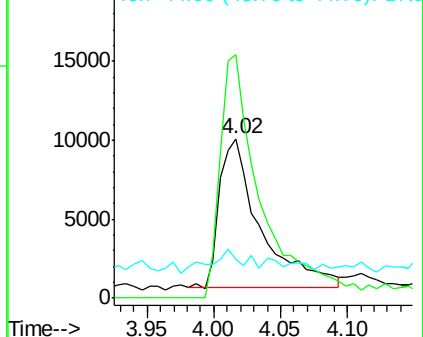
42 100

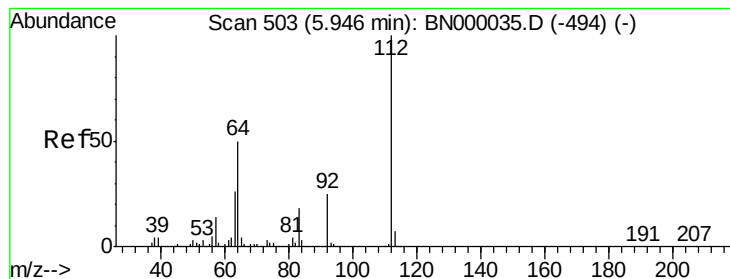
74 152.7 128.0 192.0

44 24.1 12.0 18.0#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0





#5

2-Fluorophenol

Concen: 194.75 ng

RT: 5.95 min Scan# 503

Delta R.T. 0.00 min

Lab File: BN000047.D

Acq: 07 Feb 2018 22:06

Instrument :

BNA_N

ClientSampleId :

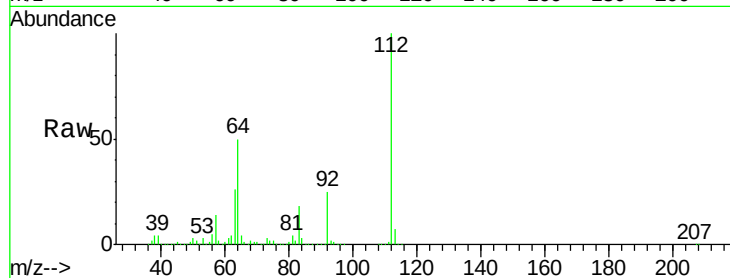
Tot Ion:112 Resp: 3270802

Ion Ratio Lower Upper

112 100

64 49.6 56.3 84.5#

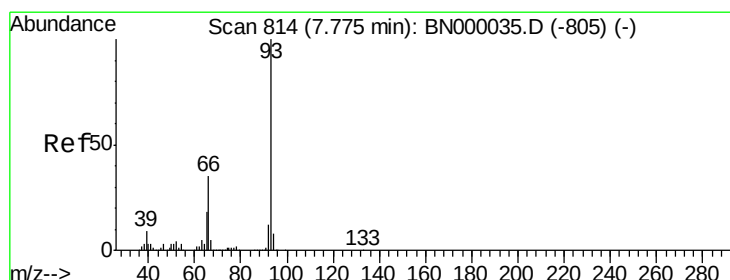
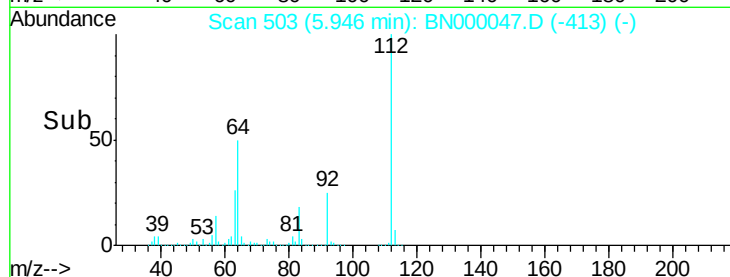
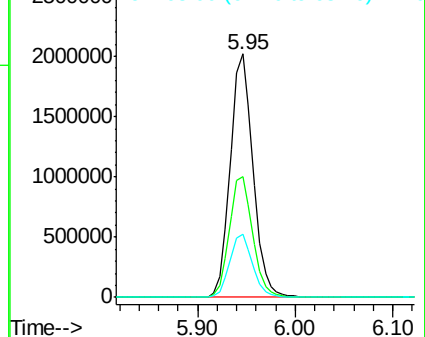
63 25.7 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#6

Aniline

Concen: 3.14 ng

RT: 7.77 min Scan# 813

Delta R.T. -0.01 min

Lab File: BN000047.D

Acq: 07 Feb 2018 22:06

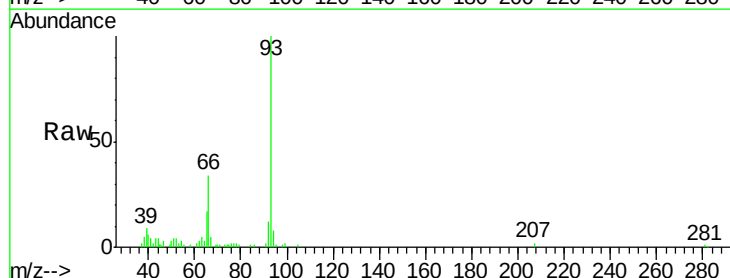
Tgt Ion: 93 Resp: 109881

Ion Ratio Lower Upper

93 100

66 34.2 33.7 50.5

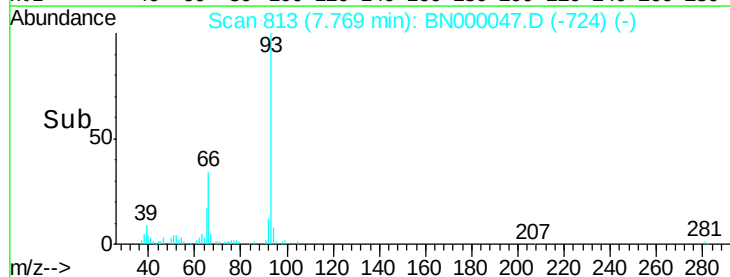
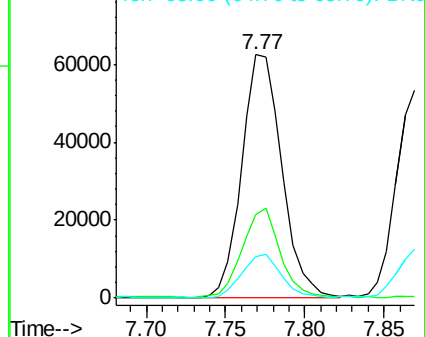
65 17.1 16.1 24.1

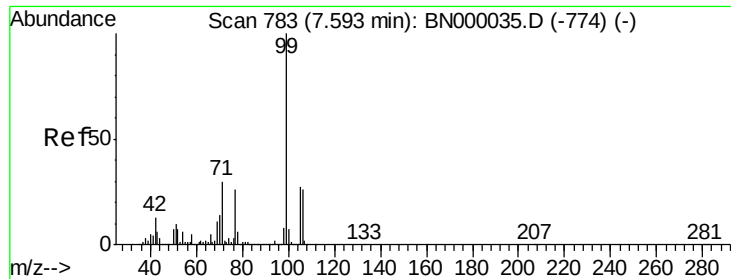


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 182.90 ng

RT: 7.59 min Scan# 783

Delta R.T. 0.00 min

Lab File: BN000047.D

Acq: 07 Feb 2018 22:06

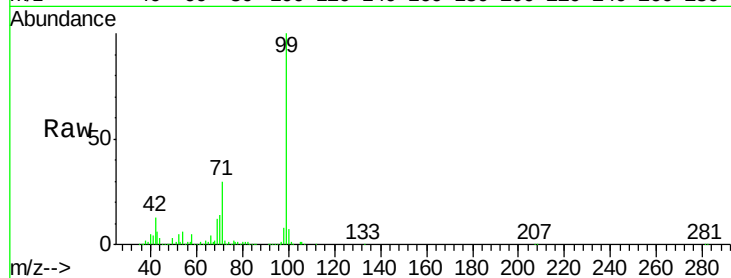
Instrument :

BNA_N

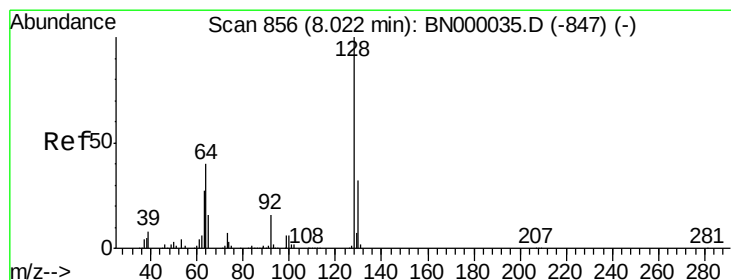
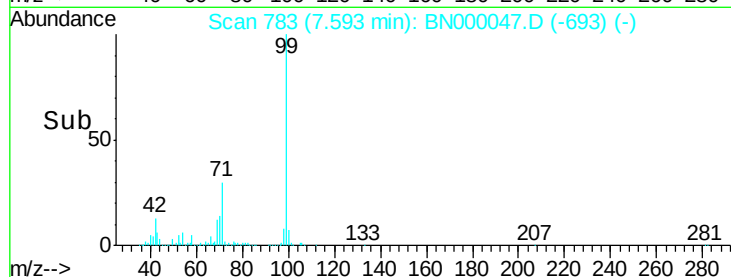
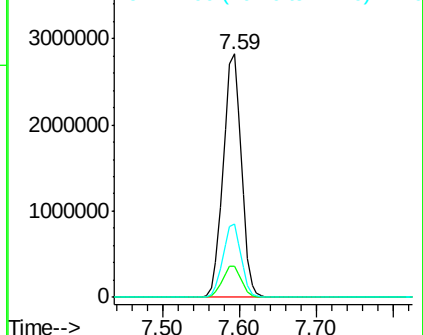
ClientSampleId :

Tot Ion: 99 Resp: 4652852

Ion	Ratio	Lower	Upper
99	100		
42	12.6	14.1	21.1#
71	30.0	26.1	39.1



Abundance Ion 99.00 (98.70 to 99.70): BN000047.D (-693) (-)



#8

2-Chlorophenol

Concen: 4.66 ng

RT: 8.02 min Scan# 856

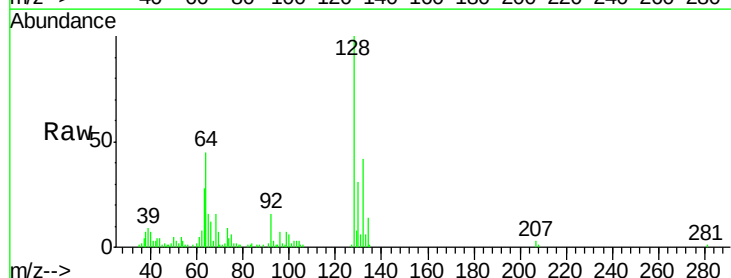
Delta R.T. 0.00 min

Lab File: BN000047.D

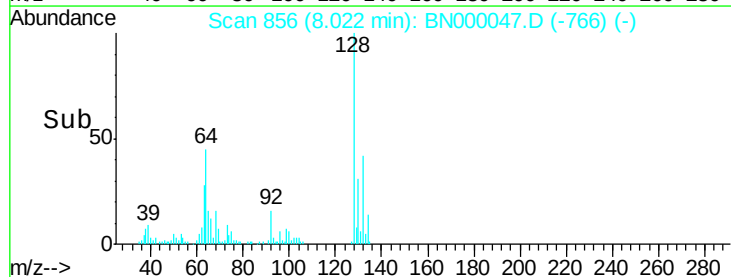
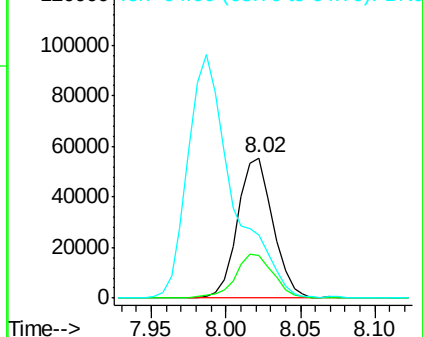
Acq: 07 Feb 2018 22:06

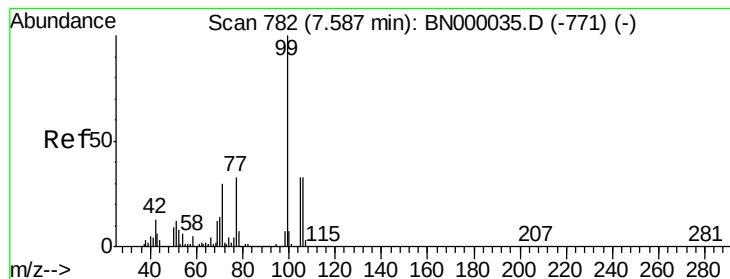
Tgt Ion: 128 Resp: 91547

Ion	Ratio	Lower	Upper
128	100		
130	30.7	14.0	54.0
64	45.5	37.7	77.7



Abundance Ion 128.00 (127.70 to 128.70): BN000047.D (-766) (-)





#9

Benzaldehyde

Concen: 4.41 ng

RT: 7.58 min Scan# 781

Delta R.T. -0.01 min

Lab File: BN000047.D

Acq: 07 Feb 2018 22:06

Instrument :

BNA_N

ClientSampled :

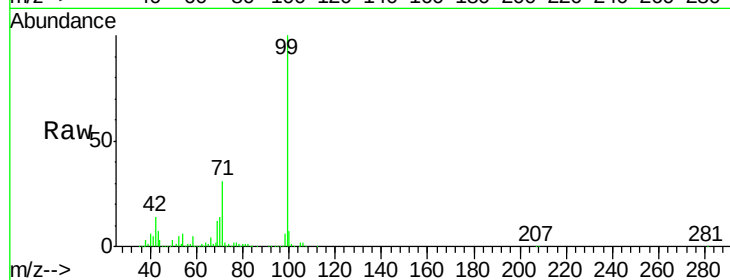
Tot Ion: 77 Resp: 69721

Ion Ratio Lower Upper

77 100

105 98.1 71.3 111.3

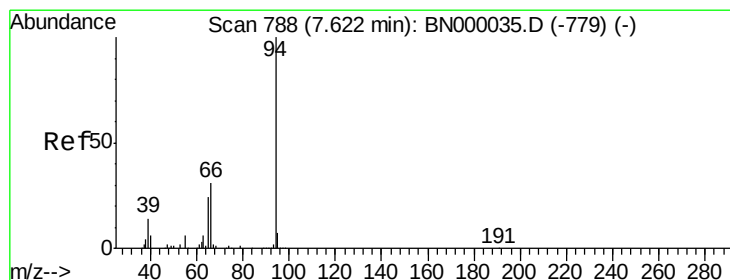
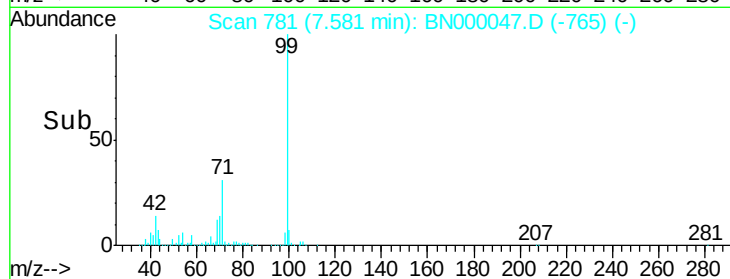
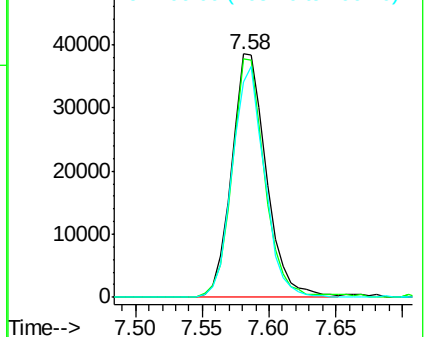
106 88.5 64.2 104.2



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: 5.00 ng

RT: 7.62 min Scan# 787

Delta R.T. -0.01 min

Lab File: BN000047.D

Acq: 07 Feb 2018 22:06

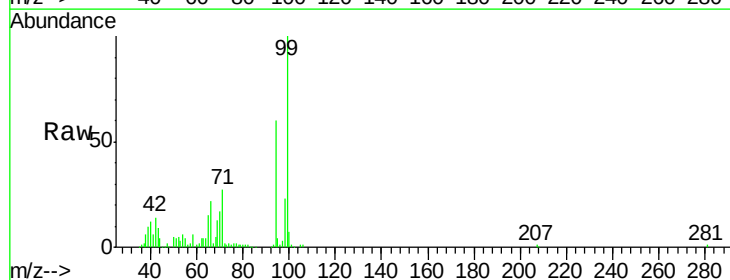
Tgt Ion: 94 Resp: 134351

Ion Ratio Lower Upper

94 100

65 25.5 11.9 51.9

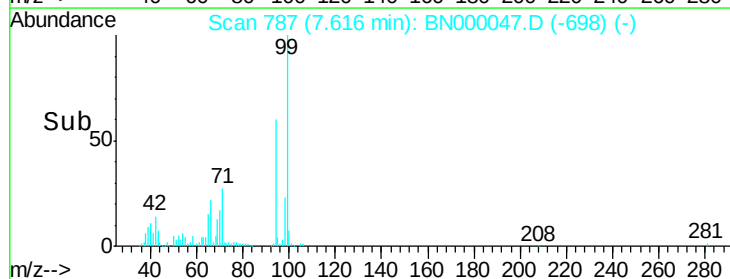
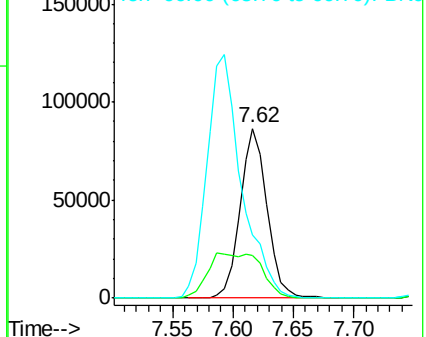
66 37.1 22.2 62.2

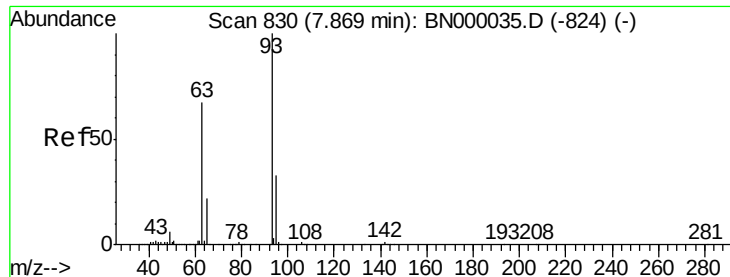


Abundance Ion 94.00 (93.70 to 94.70): BN0

Ion 65.00 (64.70 to 65.70): BN0

Ion 66.00 (65.70 to 66.70): BN0

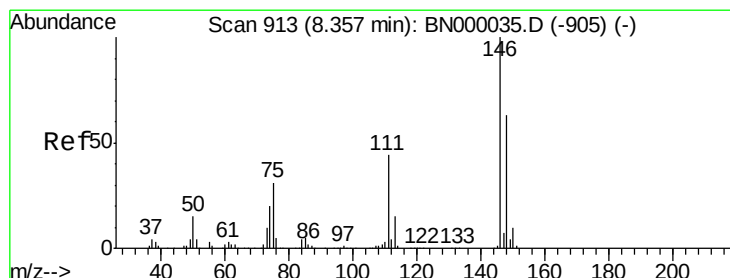
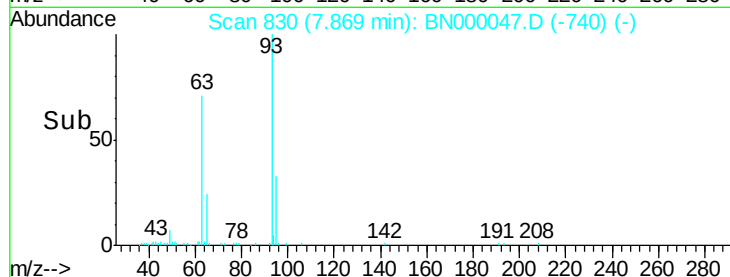
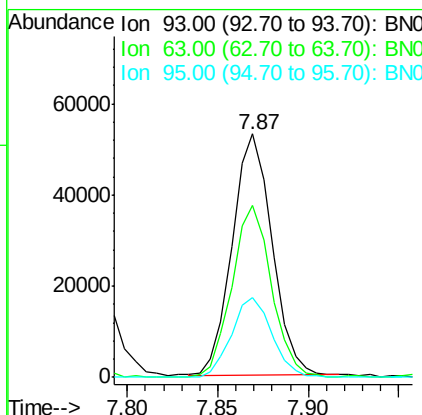
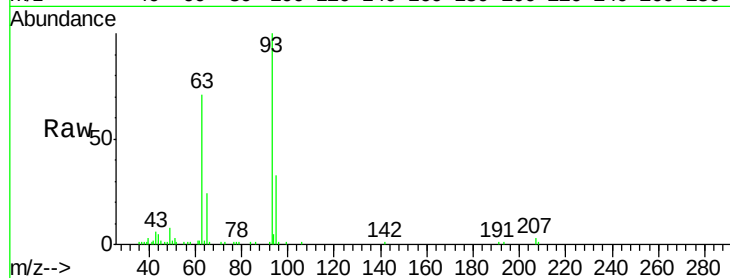




#11
bis(2-Chloroethyl)ether
Concen: 3.67 ng
RT: 7.87 min Scan# 830
Delta R.T. 0.00 min
Lab File: BN000047.D
Acq: 07 Feb 2018 22:06

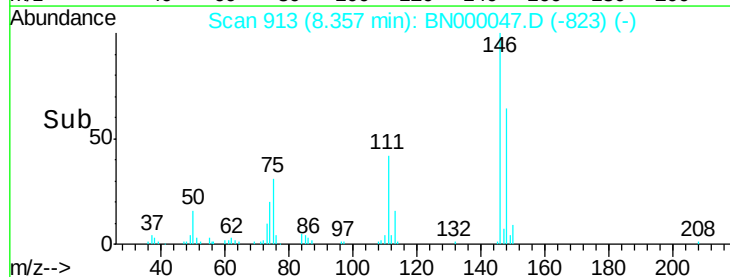
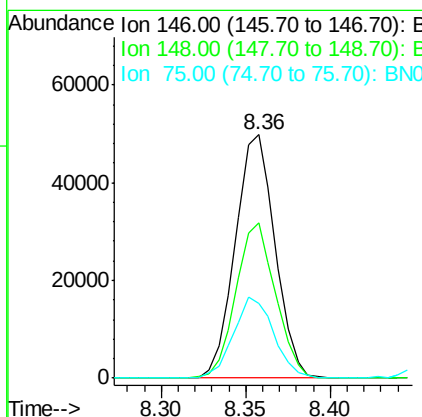
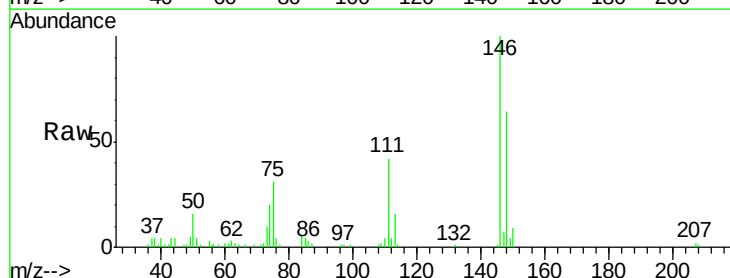
Instrument :
BNA_N
ClientSampleId :

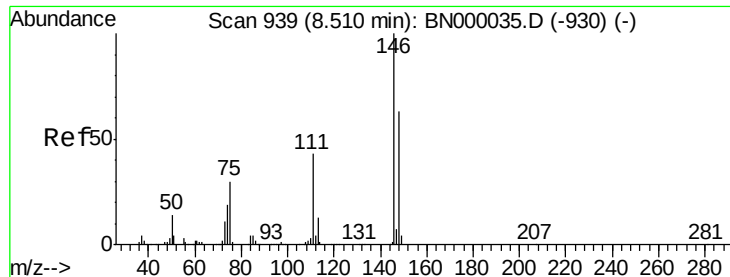
Tot Ion	93	Resp	81067
Ion Ratio	100		
Lower	67.1		
Upper	107.1		
95	33.0	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 3.66 ng
RT: 8.36 min Scan# 913
Delta R.T. 0.00 min
Lab File: BN000047.D
Acq: 07 Feb 2018 22:06

Tgt Ion	146	Resp	81671
Ion Ratio	100		
Lower	51.4		
Upper	77.2		
148	64.0	26.6	39.8
75	30.7		

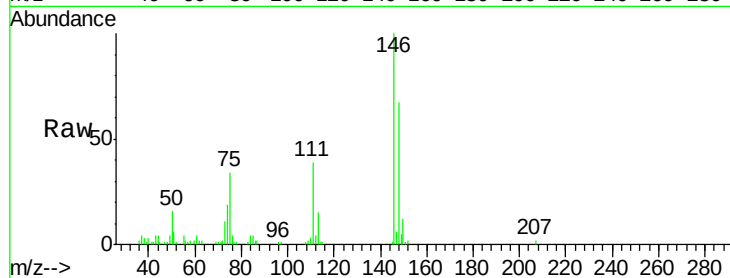




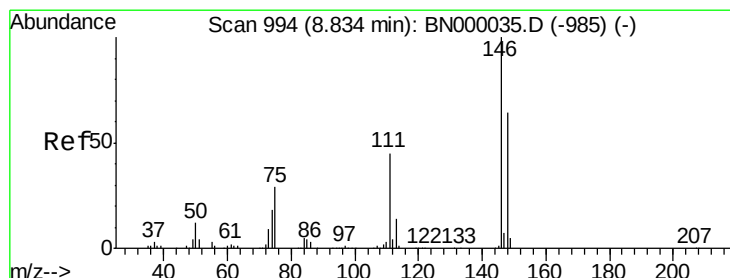
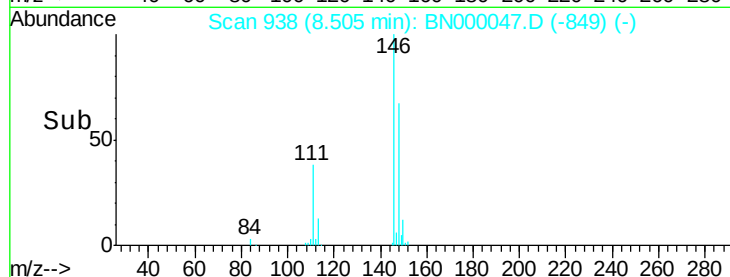
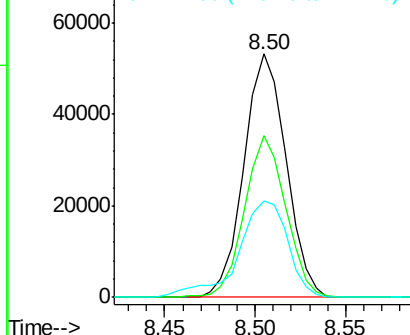
#13
 1,4-Dichlorobenzene
 Concen: 3.78 ng
 RT: 8.50 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: BN000047.D
 Acq: 07 Feb 2018 22:06

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:146 Resp: 86043
 Ion Ratio Lower Upper
 146 100
 148 66.7 53.7 80.5
 111 39.4 35.2 52.8

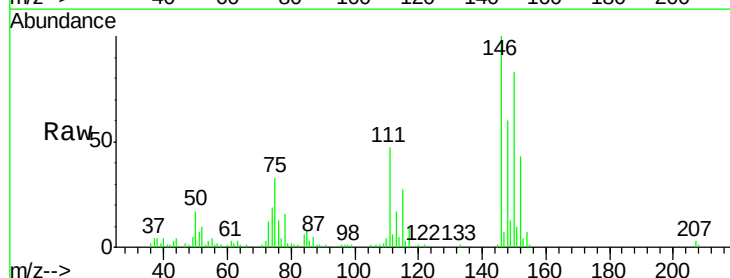


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

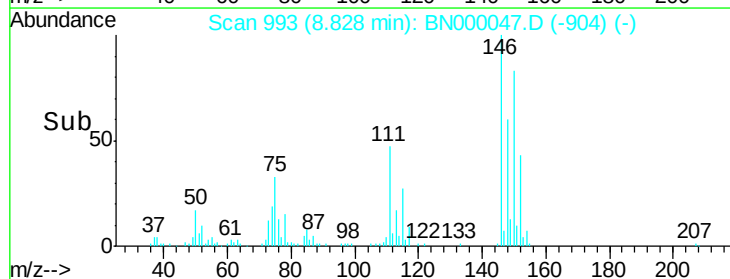
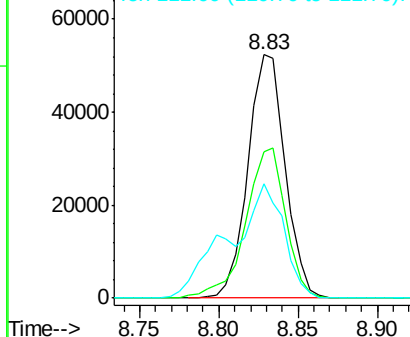


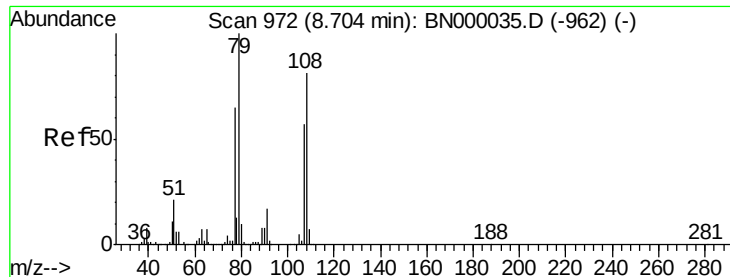
#14
 1,2-Dichlorobenzene
 Concen: 3.81 ng
 RT: 8.83 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BN000047.D
 Acq: 07 Feb 2018 22:06

Tgt Ion:146 Resp: 85563
 Ion Ratio Lower Upper
 146 100
 148 59.9 49.3 73.9
 111 47.2 34.3 51.5



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: 3.40 ng

RT: 8.70 min Scan# 971

Delta R.T. -0.01 min

Lab File: BN000047.D

Acq: 07 Feb 2018 22:06

Instrument :

BNA_N

ClientSampleId :

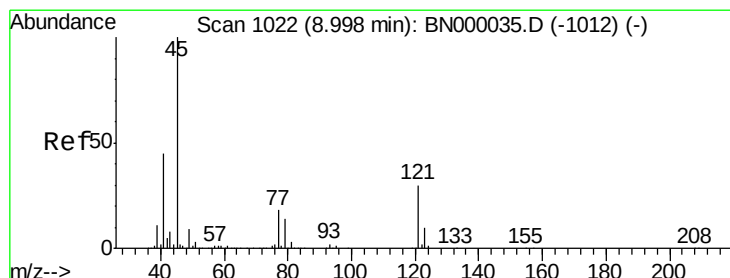
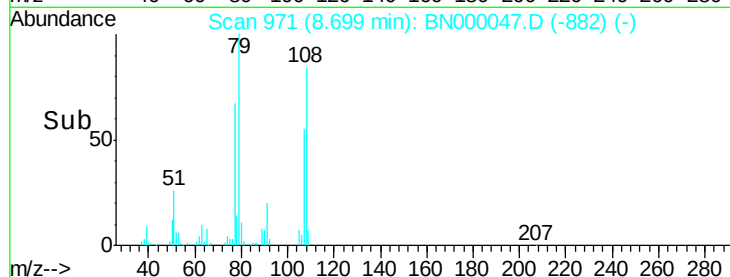
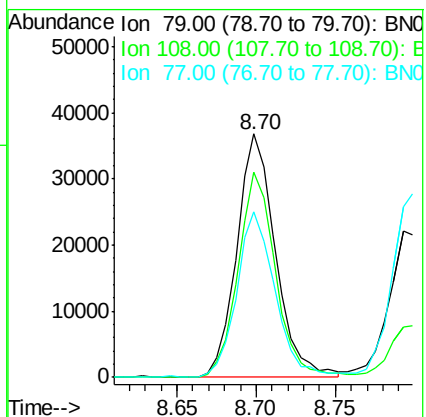
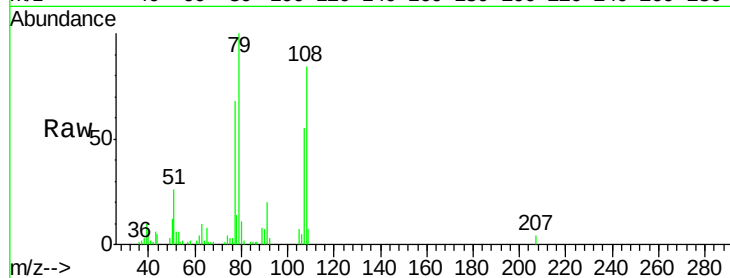
Tot Ion: 79 Resp: 62240

Ion Ratio Lower Upper

79 100

108 84.4 57.2 85.8

77 68.2 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 3.78 ng

RT: 8.99 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BN000047.D

Acq: 07 Feb 2018 22:06

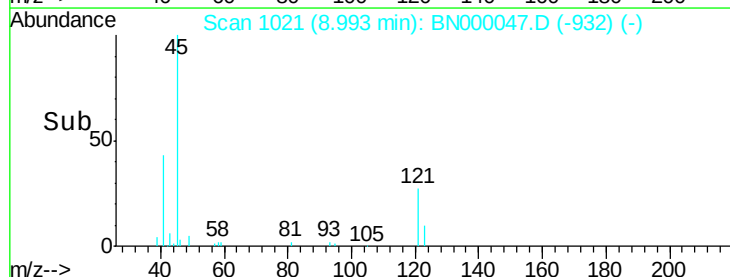
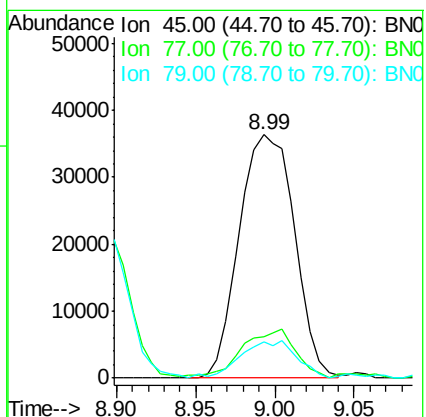
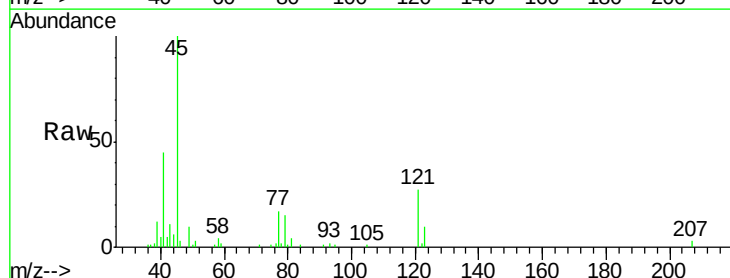
Tgt Ion: 45 Resp: 88288

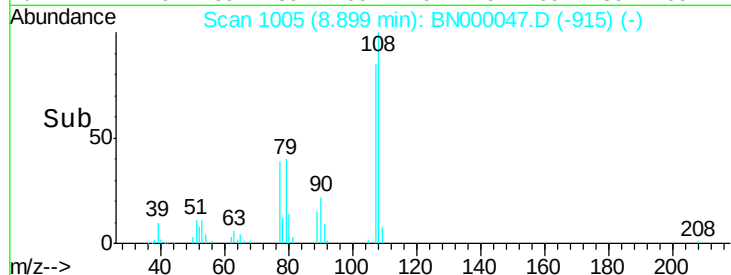
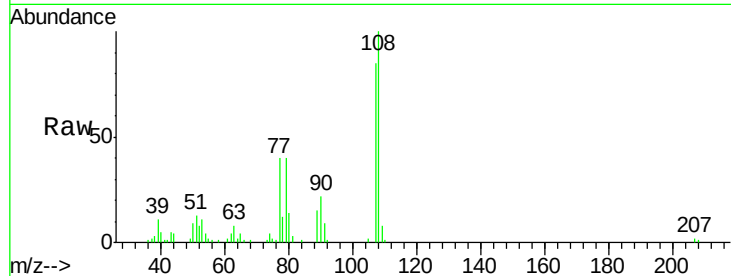
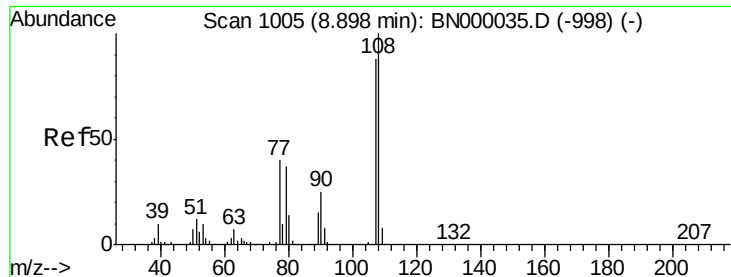
Ion Ratio Lower Upper

45 100

77 17.1 0.0 30.2

79 14.8 0.0 27.9

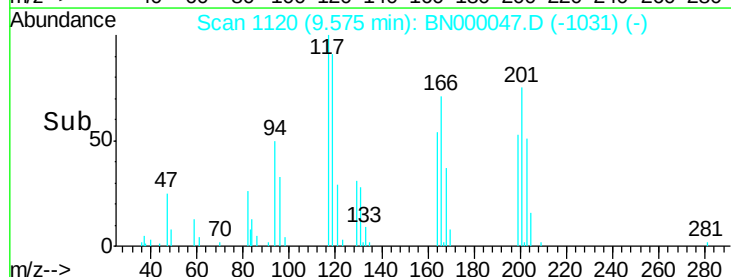
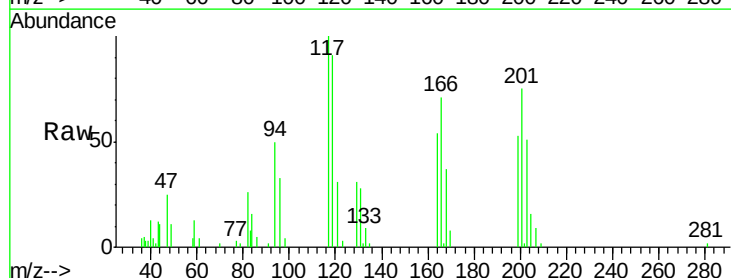
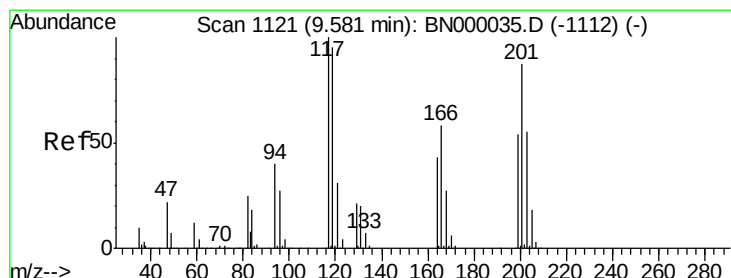
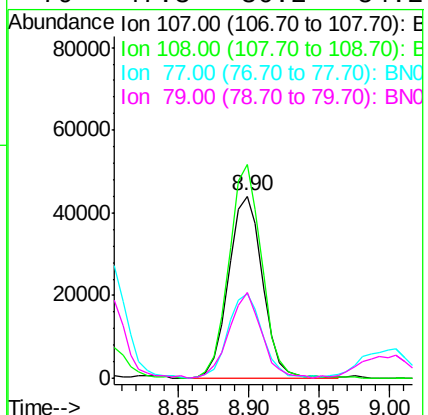




#17
2-Methylphenol
Concen: 3.89 ng
RT: 8.90 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BN000047.D
Acq: 07 Feb 2018 22:06

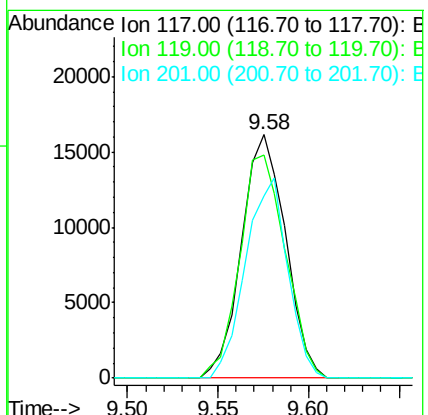
Instrument :
BNA_N
ClientSampleId :

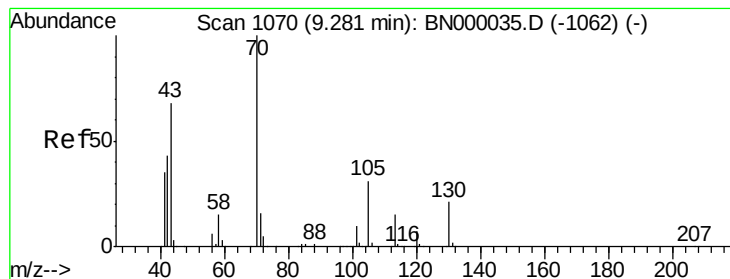
Tot Ion:107 Resp: 74184
Ion Ratio Lower Upper
107 100
108 117.4 83.9 125.9
77 46.8 37.2 55.8
79 47.3 36.2 54.2



#18
Hexachloroethane
Concen: 3.44 ng
RT: 9.58 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BN000047.D
Acq: 07 Feb 2018 22:06

Tgt Ion:117 Resp: 27275
Ion Ratio Lower Upper
117 100
119 91.4 76.7 115.1
201 74.7 95.7 143.5#





#19

n-Nitroso-di-n-propylamine

Concen: 2.99 ng

RT: 9.27 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BN000047.D

Acq: 07 Feb 2018 22:06

Instrument :

BNA_N

ClientSampled :

Tot Ion: 70 Resp: 50985

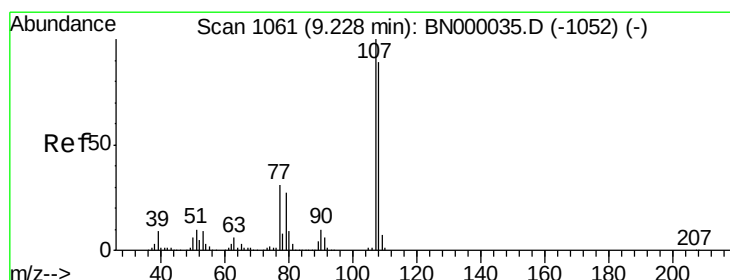
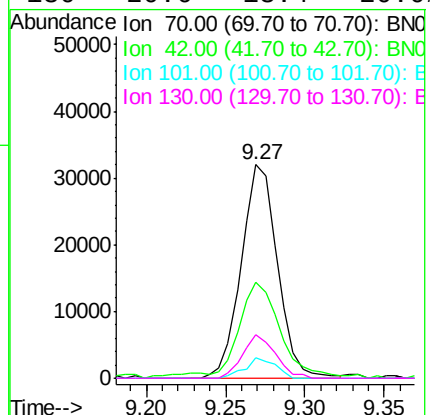
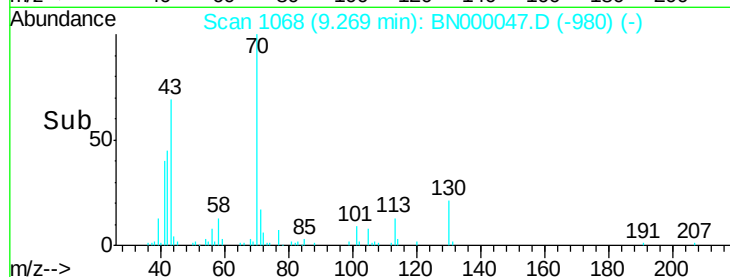
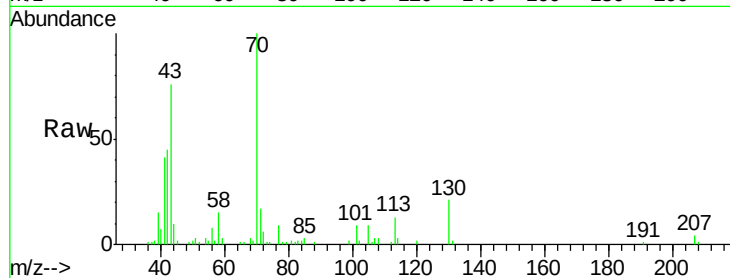
Ion Ratio Lower Upper

70 100

42 44.7 49.1 73.7#

101 9.5 8.5 12.7

130 20.6 13.4 20.0#



#20

3+4-Methylphenols

Concen: 3.60 ng

RT: 9.22 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BN000047.D

Acq: 07 Feb 2018 22:06

Tgt Ion: 107 Resp: 96204

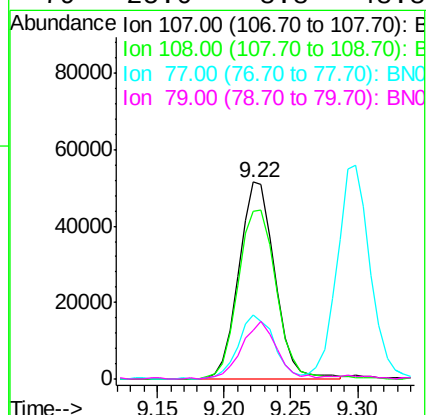
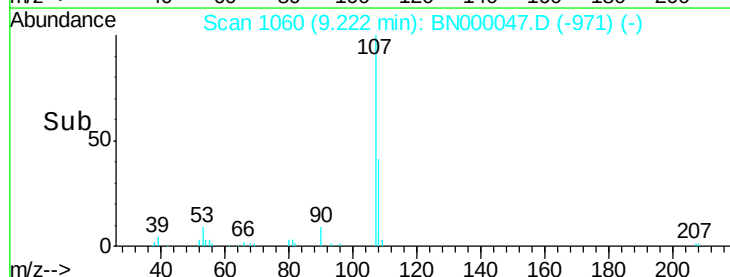
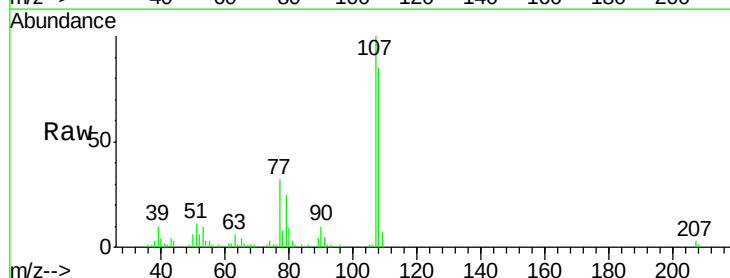
Ion Ratio Lower Upper

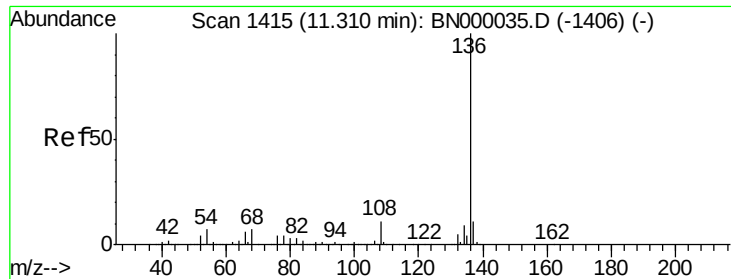
107 100

108 85.0 61.6 101.6

77 32.3 13.9 53.9

79 25.0 8.8 48.8

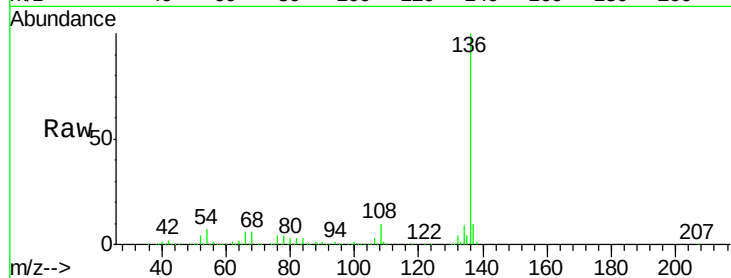




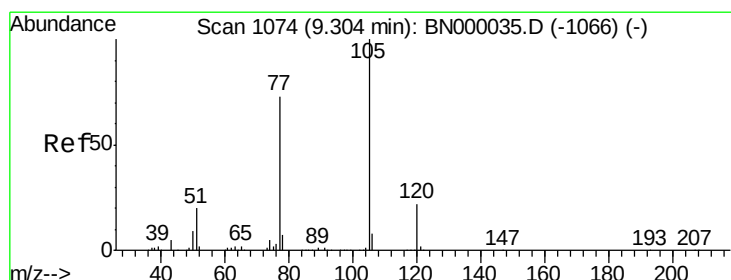
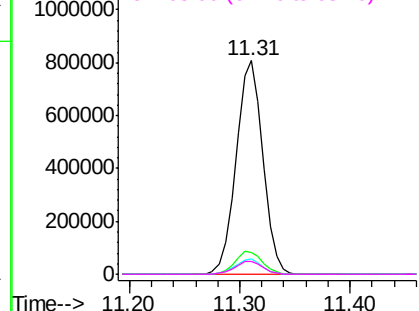
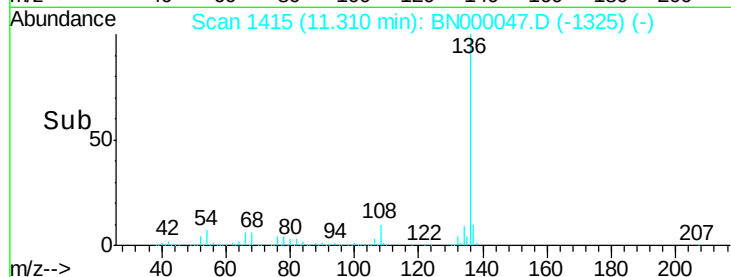
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.31 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BN000047.D
Acq: 07 Feb 2018 22:06

Instrument :
BNA_N
ClientSampleId :

Tot Ion:136	Resp: 1367434
Ion Ratio	Lower Upper
136 100	
137 10.3	9.2 13.8
54 7.0	10.3 15.5#
68 6.0	4.5 6.7

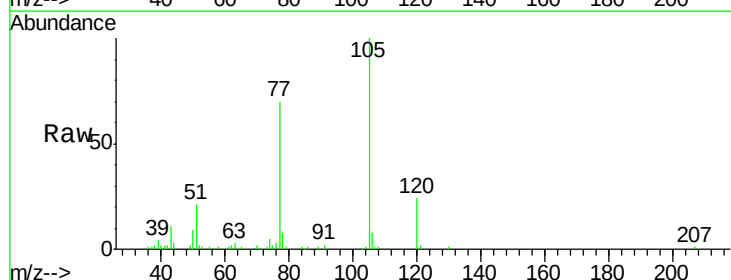


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

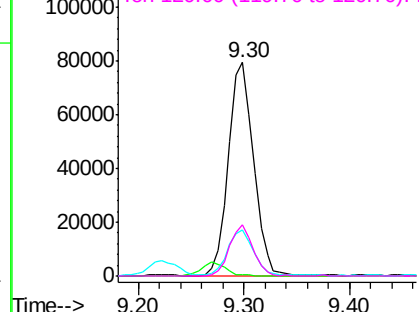
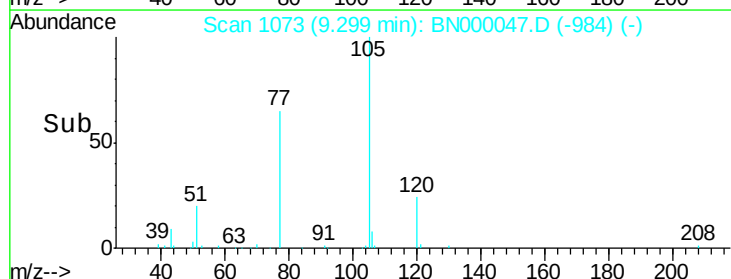


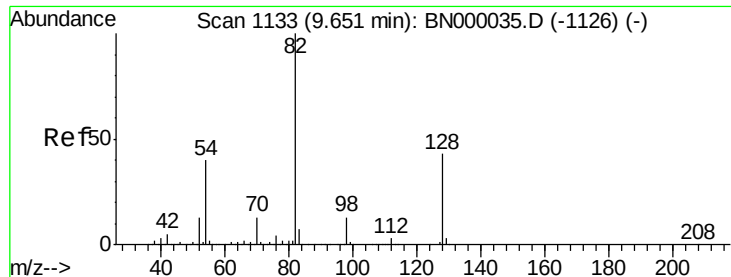
#22
Acetophenone
Concen: 3.45 ng
RT: 9.30 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BN000047.D
Acq: 07 Feb 2018 22:06

Tgt	Ion:105	Resp:	132378
Ion	Ratio	Lower	Upper
105	100		
71	0.4	3.0	4.4#
51	21.4	26.1	39.1#
120	24.1	17.4	26.2



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

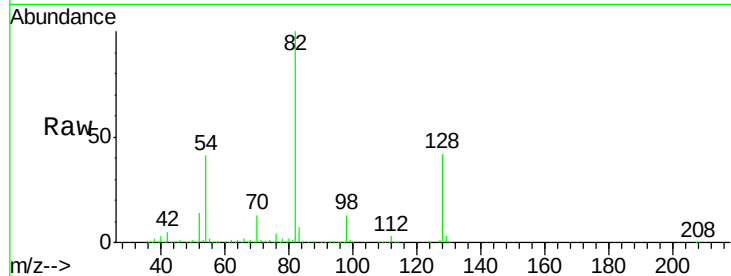




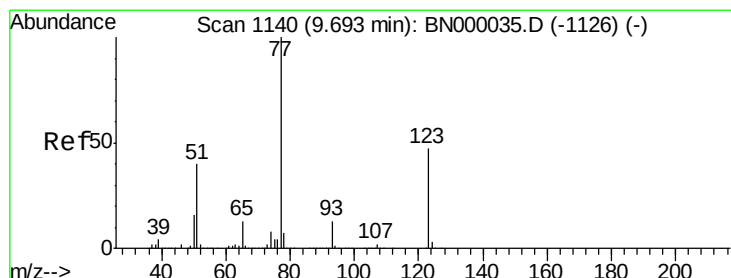
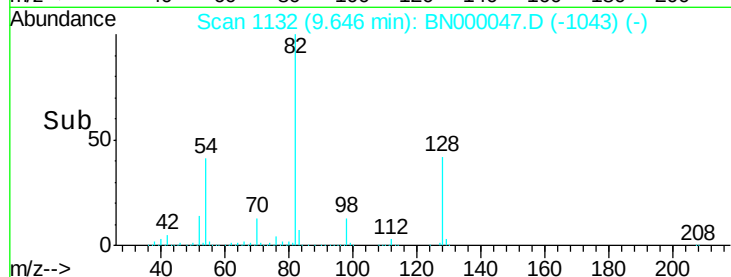
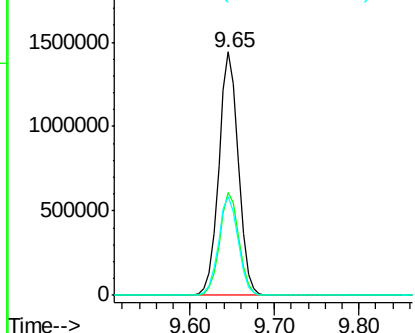
#23
 Nitrobenzene-d5
 Concen: 100.84 ng
 RT: 9.65 min Scan# 1132
 Delta R.T. -0.01 min
 Lab File: BN000047.D
 Acq: 07 Feb 2018 22:06

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion: 82 Resp: 2319154
 Ion Ratio Lower Upper
 82 100
 128 42.2 29.7 44.5
 54 40.6 43.1 64.7#

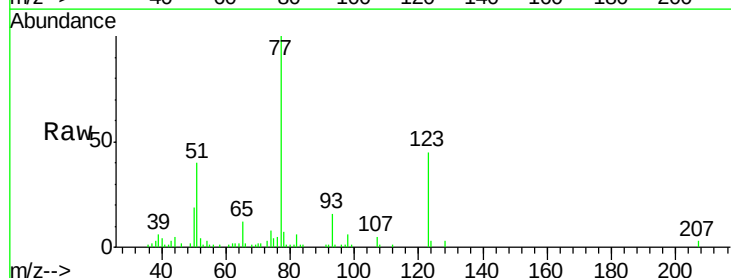


Abundance Ion 82.00 (81.70 to 82.70): BN0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BN0

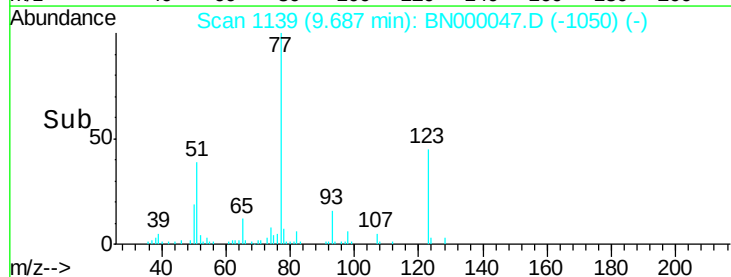
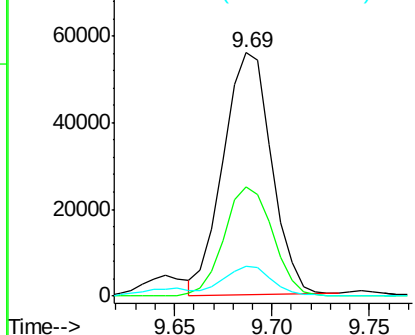


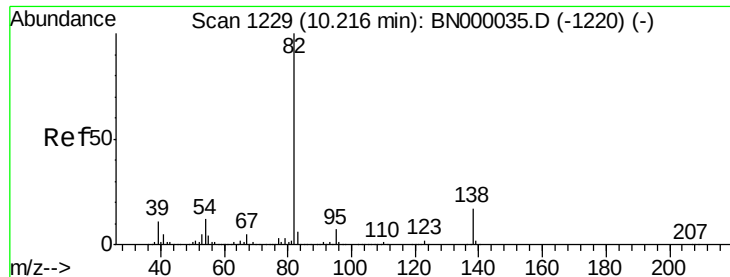
#24
 Nitrobenzene
 Concen: 3.80 ng
 RT: 9.69 min Scan# 1139
 Delta R.T. -0.01 min
 Lab File: BN000047.D
 Acq: 07 Feb 2018 22:06

Tgt Ion: 77 Resp: 95582
 Ion Ratio Lower Upper
 77 100
 123 45.1 33.0 49.6
 65 12.3 13.0 19.6#



Abundance Ion 77.00 (76.70 to 77.70): BN0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BN0





#25

Isophorone

Concen: 3.07 ng

RT: 10.21 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BN000047.D

Acq: 07 Feb 2018 22:06

Instrument :

BNA_N

ClientSampleId :

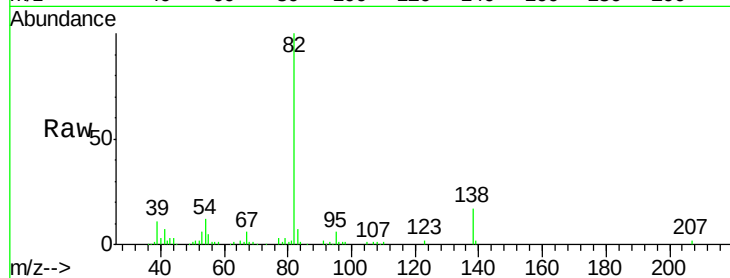
Tot Ion: 82 Resp: 145943

Ion Ratio Lower Upper

82 100

95 6.4 6.2 9.2

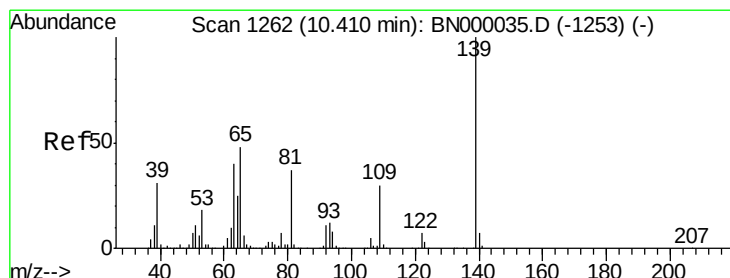
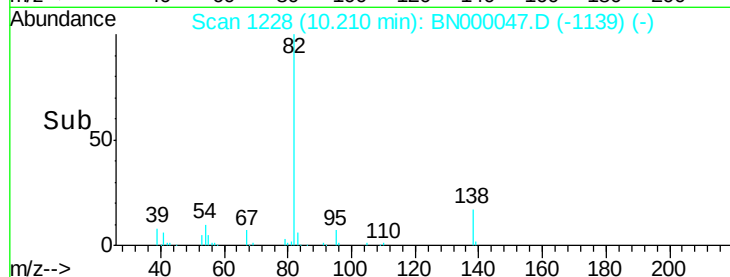
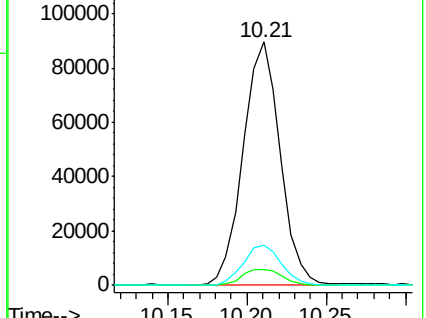
138 16.6 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BN000035.D (-1220) (-)

Ion 95.00 (94.70 to 95.70): BN000035.D (-1220) (-)

Ion 138.00 (137.70 to 138.70): BN000035.D (-1220) (-)



#26

2-Nitrophenol

Concen: 9.02 ng

RT: 10.40 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BN000047.D

Acq: 07 Feb 2018 22:06

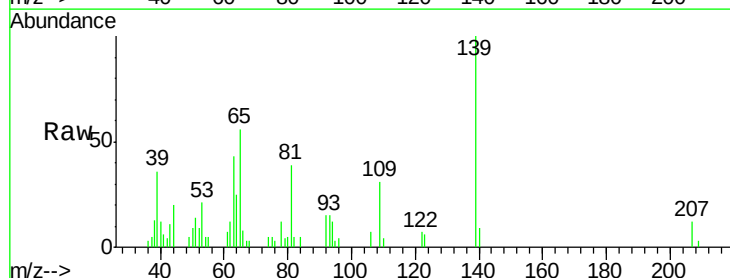
Tgt Ion: 139 Resp: 22124

Ion Ratio Lower Upper

139 100

109 30.6 24.2 36.2

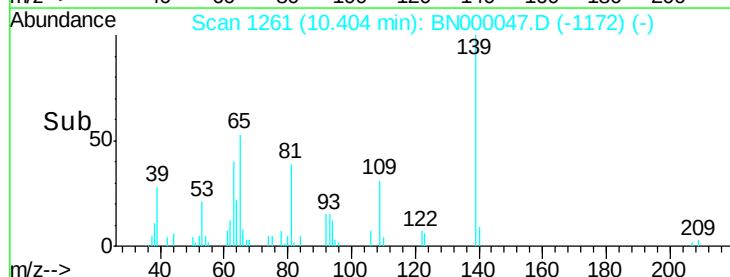
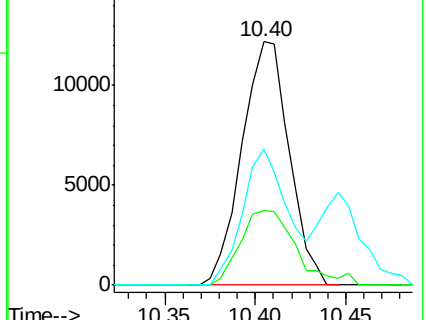
65 55.8 47.4 71.0

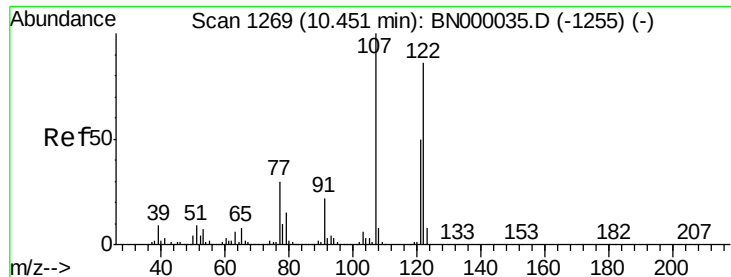


Abundance Ion 139.00 (138.70 to 139.70): BN000035.D (-1253) (-)

Ion 109.00 (108.70 to 109.70): BN000035.D (-1253) (-)

Ion 65.00 (64.70 to 65.70): BN000035.D (-1253) (-)





#27

2,4-Dimethylphenol

Concen: 4.59 ng

RT: 10.45 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BN000047.D

Acq: 07 Feb 2018 22:06

Instrument :

BNA_N

ClientSampleId :

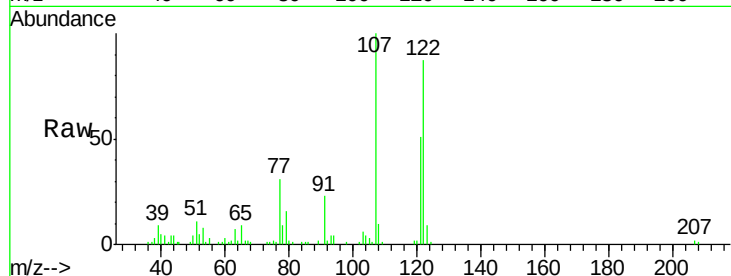
Tot Ion:122 Resp: 94614

Ion Ratio Lower Upper

122 100

107 114.7 100.2 150.2

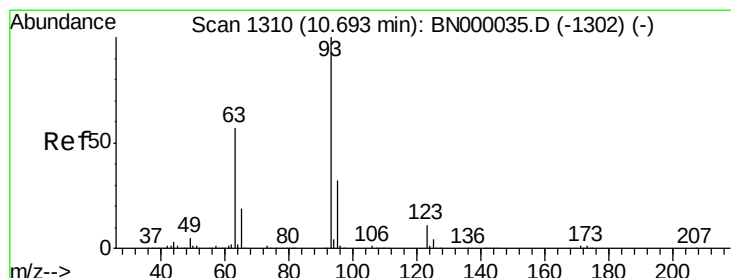
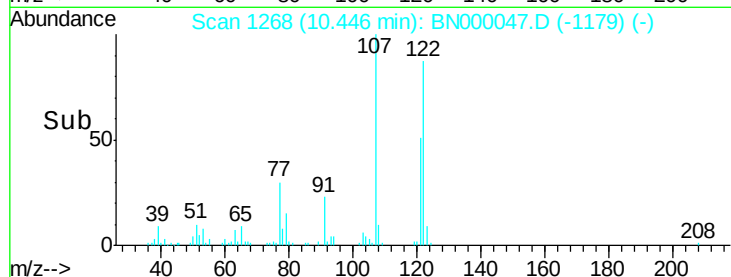
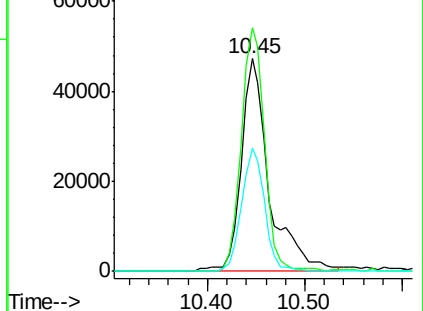
121 58.2 44.4 66.6



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: 3.92 ng

RT: 10.69 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BN000047.D

Acq: 07 Feb 2018 22:06

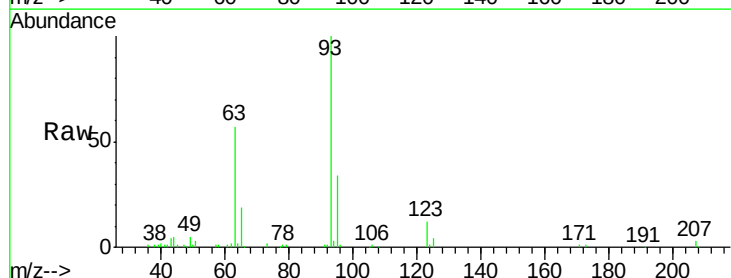
Tgt Ion: 93 Resp: 119465

Ion Ratio Lower Upper

93 100

95 33.7 24.3 36.5

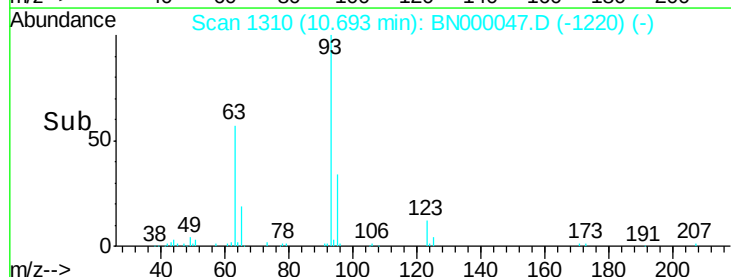
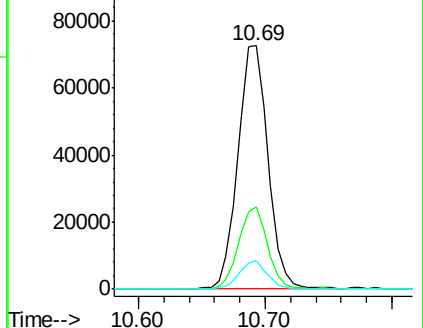
123 11.6 8.4 12.6

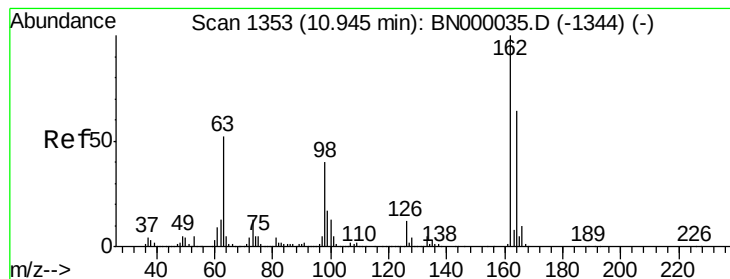


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 3.31 ng

RT: 10.94 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BN000047.D

Acq: 07 Feb 2018 22:06

Instrument :

BNA_N

ClientSampleId :

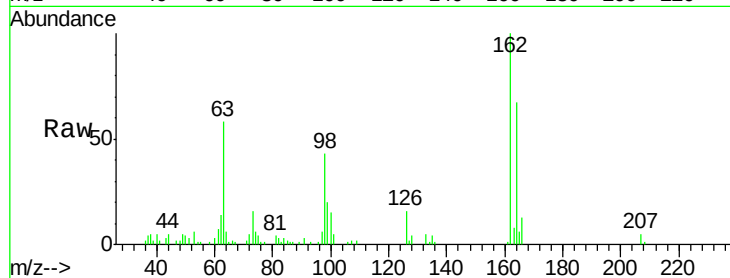
Tot Ion:162 Resp: 63178

Ion Ratio Lower Upper

162 100

164 67.0 48.0 88.0

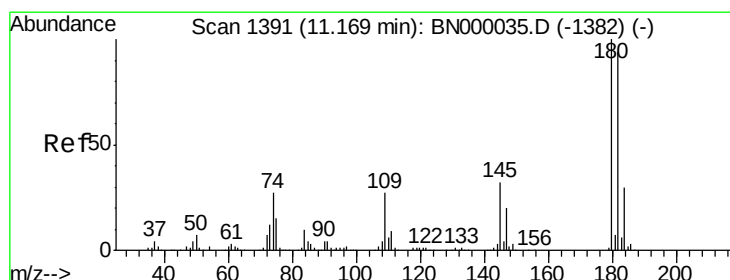
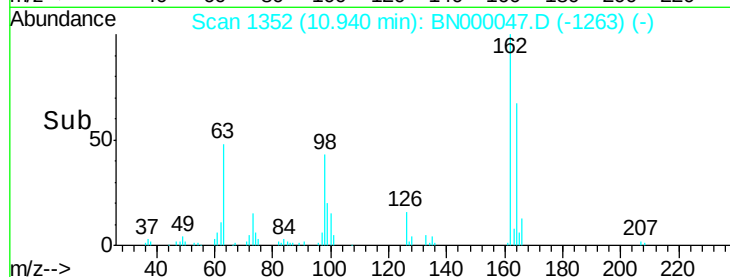
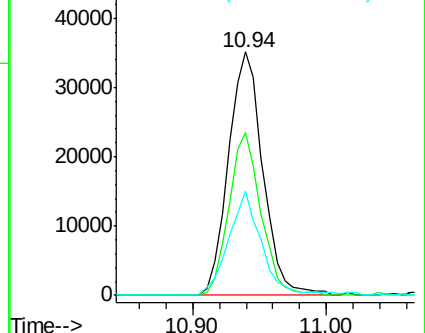
98 43.0 21.1 61.1



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: 3.55 ng

RT: 11.16 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BN000047.D

Acq: 07 Feb 2018 22:06

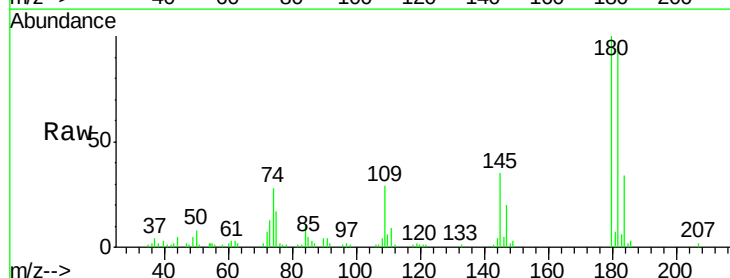
Tgt Ion:180 Resp: 77993

Ion Ratio Lower Upper

180 100

182 95.3 77.5 116.3

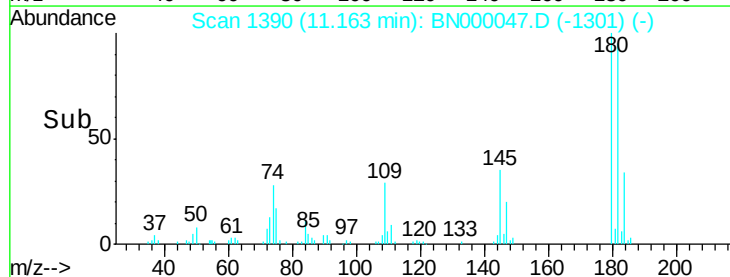
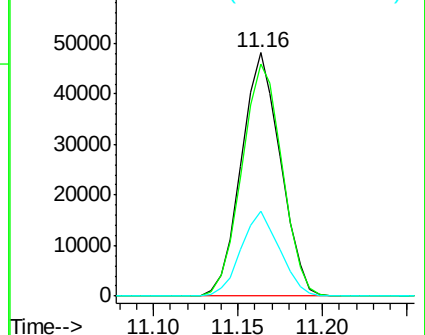
145 35.0 23.4 35.2

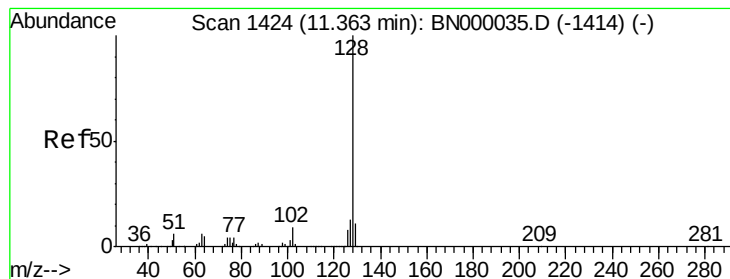


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 3.83 ng

RT: 11.36 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BN000047.D

Acq: 07 Feb 2018 22:06

Instrument :

BNA_N

ClientSampleId :

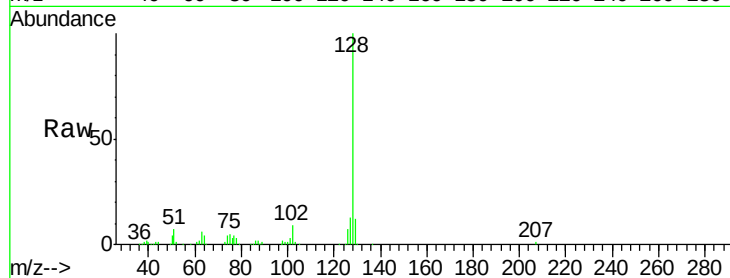
Tot Ion:128 Resp: 286965

Ion Ratio Lower Upper

128 100

129 11.7 8.6 12.8

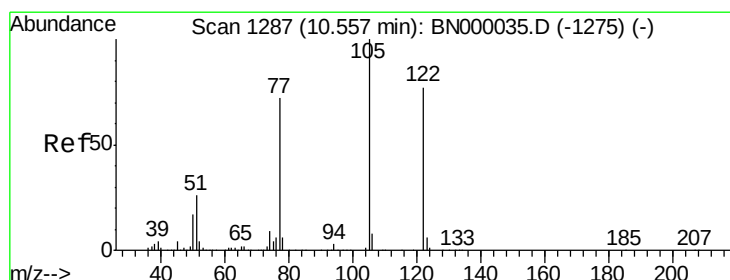
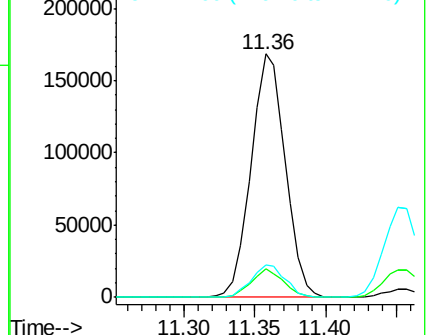
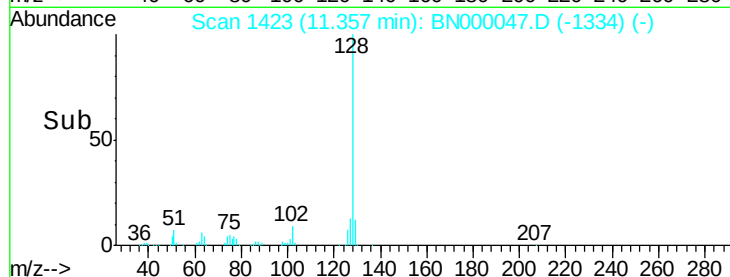
127 13.2 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 15.37 ng

RT: 10.45 min Scan# 1268

Delta R.T. -0.11 min

Lab File: BN000047.D

Acq: 07 Feb 2018 22:06

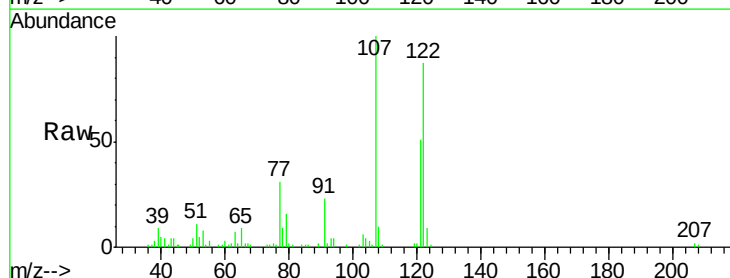
Tgt Ion:122 Resp: 94614

Ion Ratio Lower Upper

122 100

105 3.3 123.5 163.5#

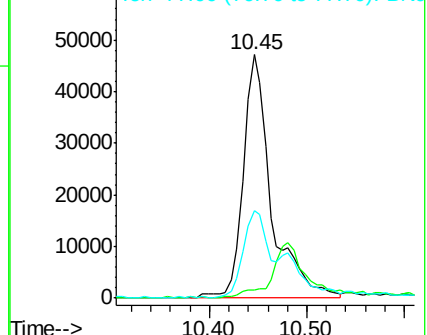
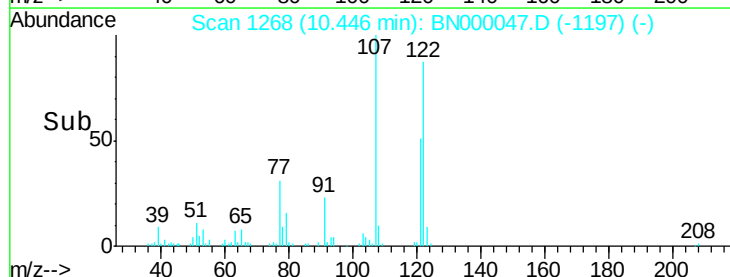
77 35.9 85.7 125.7#

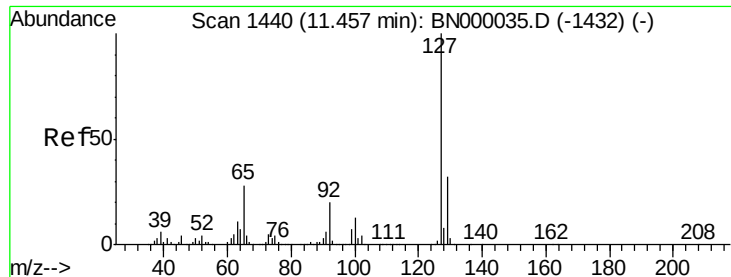


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNC

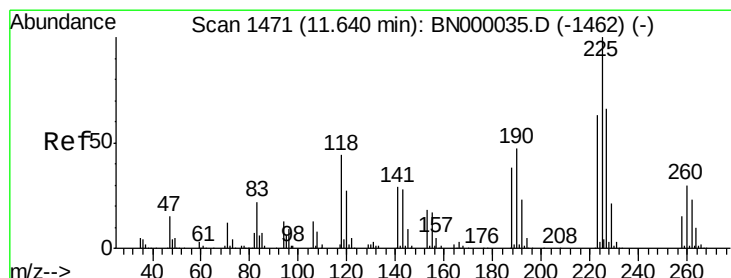
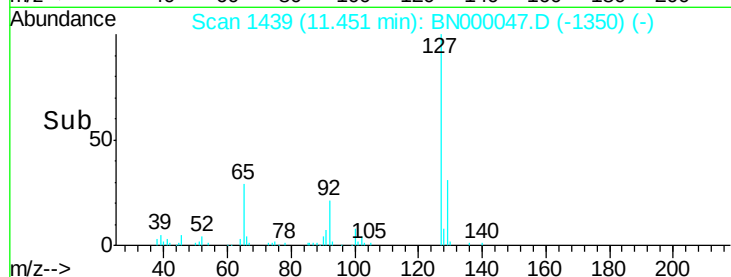
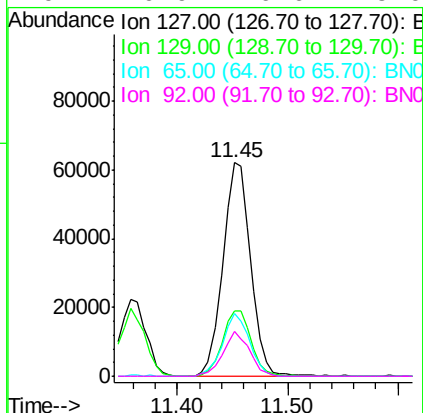
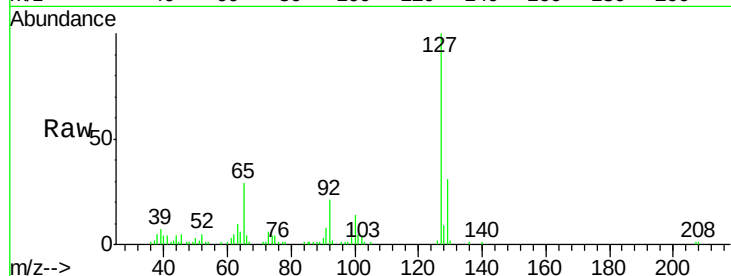




#33
4-Chloroaniline
Concen: 3.30 ng
RT: 11.45 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BN000047.D
Acq: 07 Feb 2018 22:06

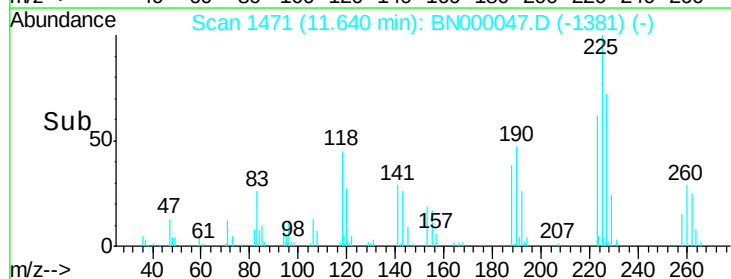
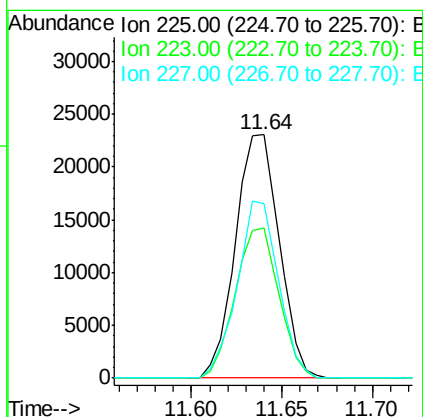
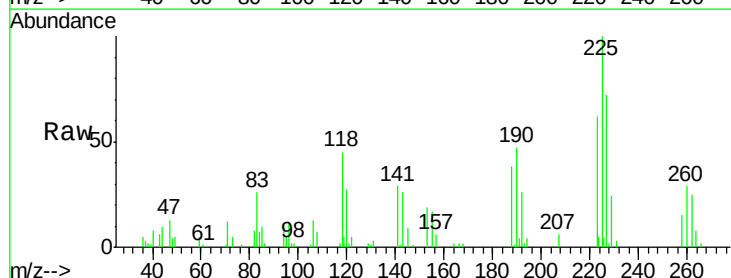
Instrument :
BNA_N
ClientSampled :

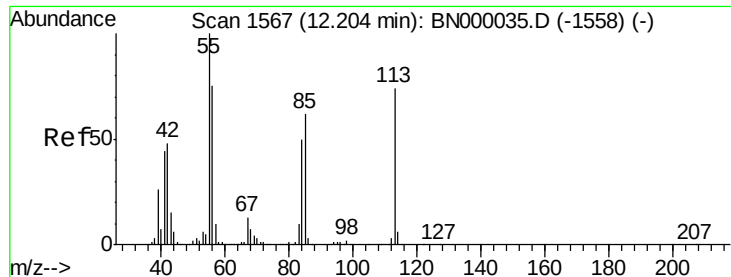
Tot Ion:	127	Resp:	108739
Ion	Ratio	Lower	Upper
127	100		
129	30.7	24.0	36.0
65	29.3	27.0	40.4
92	20.9	16.6	25.0



#34
Hexachlorobutadiene
Concen: 3.41 ng
RT: 11.64 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BN000047.D
Acq: 07 Feb 2018 22:06

Tgt Ion:	225	Resp:	38814
Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.7	74.5
227	71.7	48.1	72.1





#35

Caprolactam

Concen: 5.92 ng

RT: 12.17 min Scan# 1561

Delta R.T. -0.03 min

Lab File: BN000047.D

Acq: 07 Feb 2018 22:06

Instrument :

BNA_N

ClientSampleId :

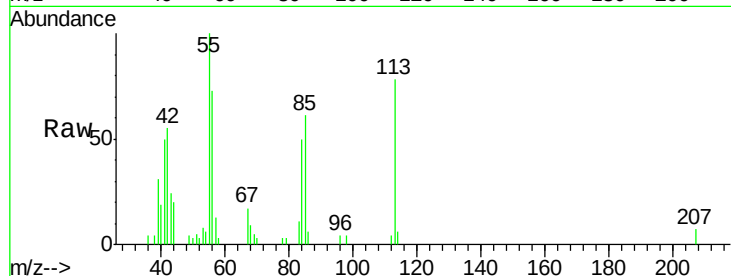
Tot Ion:113 Resp: 17290

Ion Ratio Lower Upper

113 100

55 128.1 120.0 160.0

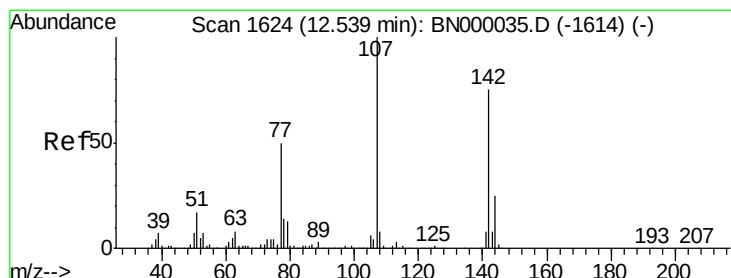
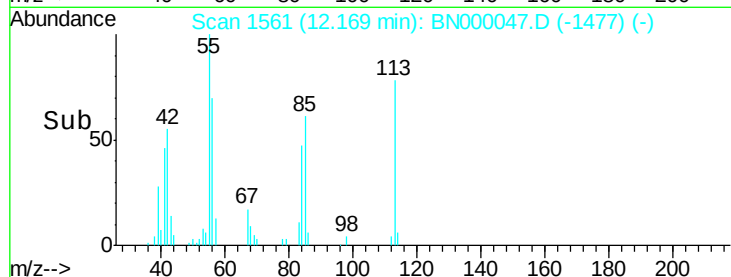
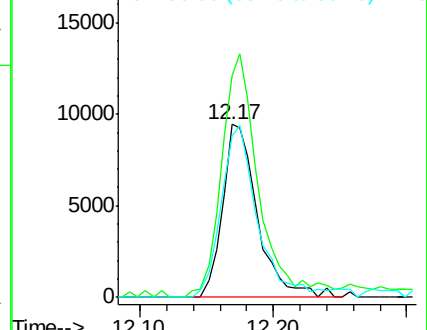
56 93.7 90.0 130.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#36

4-Chloro-3-methylphenol

Concen: 3.13 ng

RT: 12.53 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BN000047.D

Acq: 07 Feb 2018 22:06

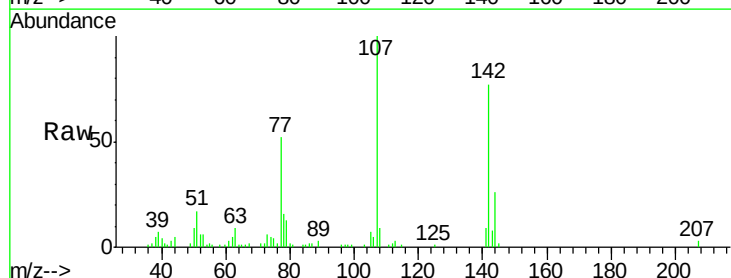
Tgt Ion:107 Resp: 75703

Ion Ratio Lower Upper

107 100

144 25.6 18.2 27.4

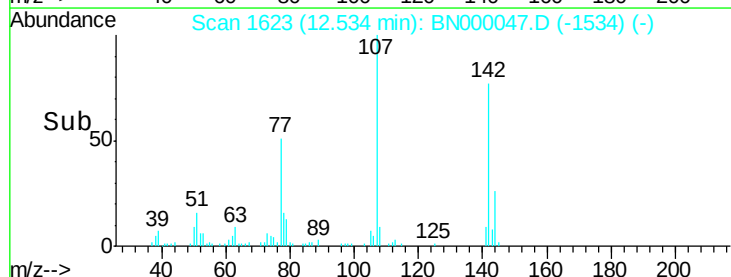
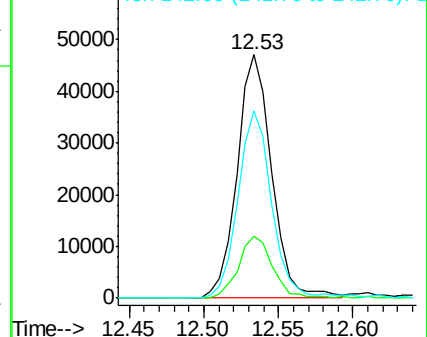
142 77.0 59.0 88.4

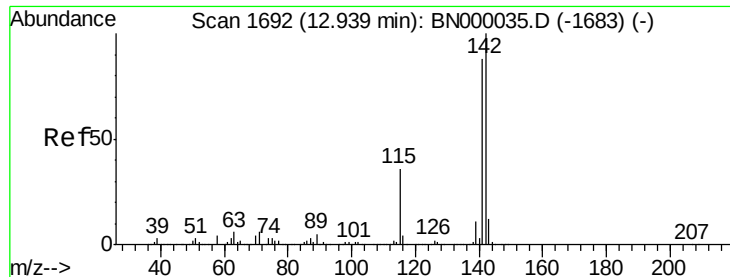


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

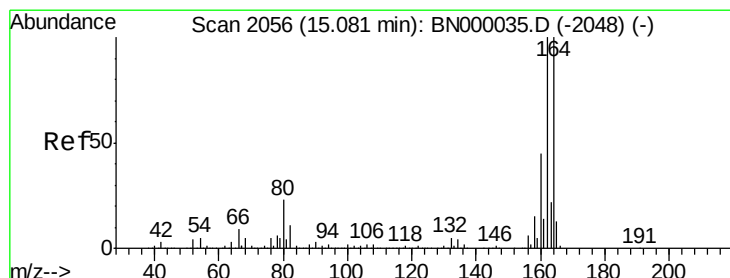
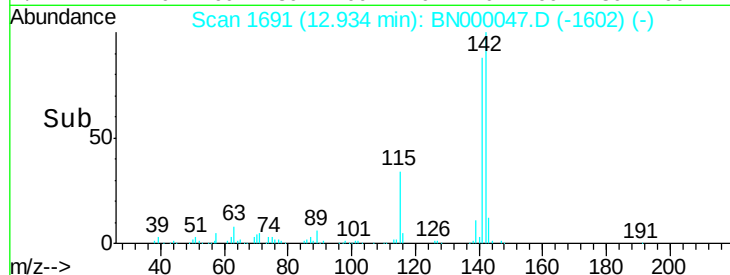
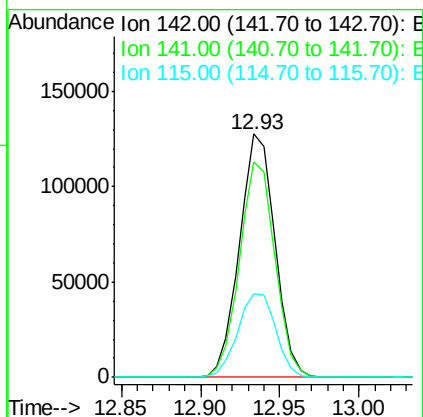
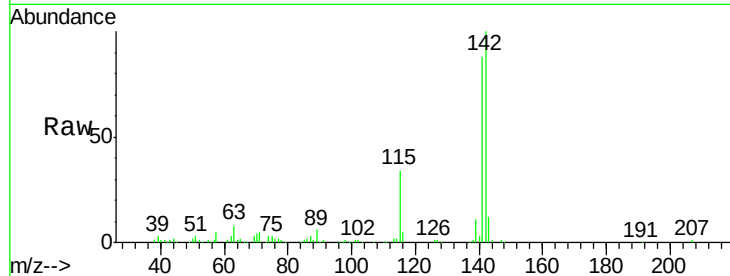




#37
2-Methylnaphthalene
Concen: 3.82 ng
RT: 12.93 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BN000047.D
Acq: 07 Feb 2018 22:06

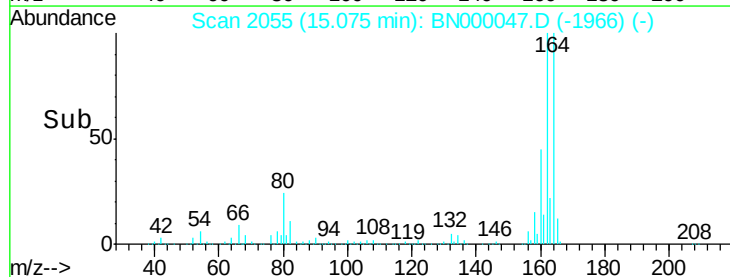
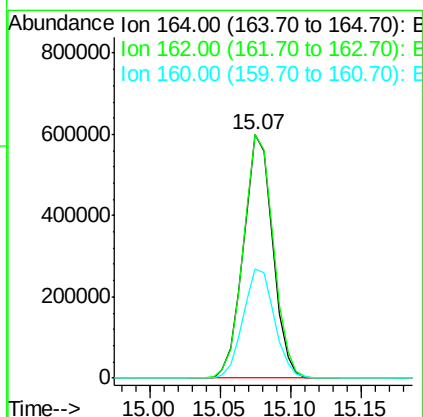
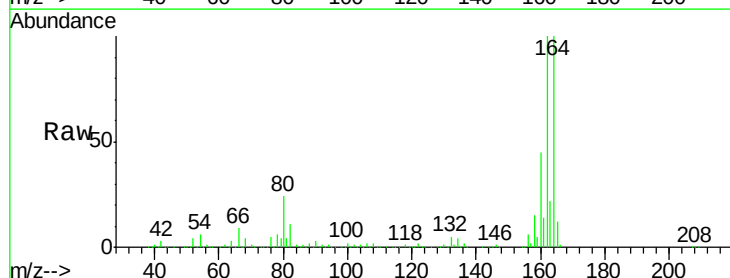
Instrument :
BNA_N
ClientSampleId :

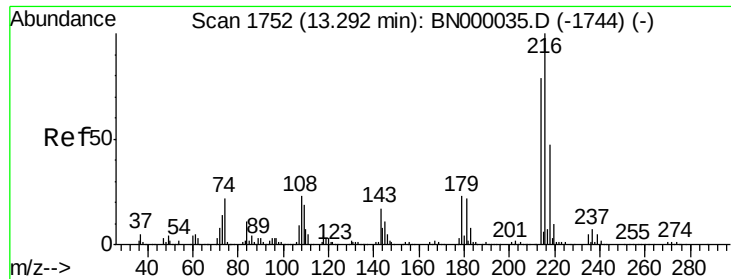
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	67.1	100.7
115	34.5	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.07 min Scan# 2055
Delta R.T. -0.01 min
Lab File: BN000047.D
Acq: 07 Feb 2018 22:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.9	78.8	118.2
160	45.1	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 3.56 ng

RT: 13.29 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BN000047.D

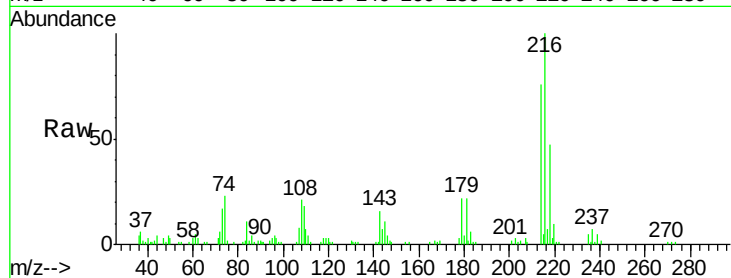
Acq: 07 Feb 2018 22:06

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	216	Resp:	91473
Ion	Ratio	Lower	Upper
216	100		
214	76.8	63.0	94.4
179	22.9	17.0	25.6
108	23.8	12.8	19.2#

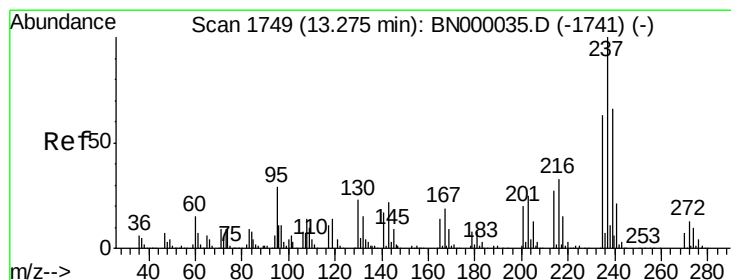
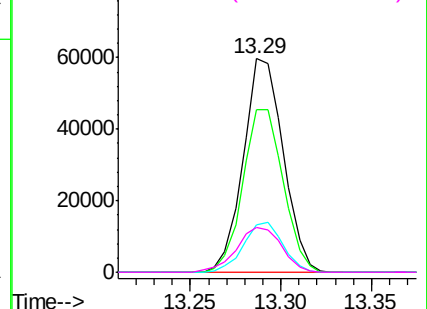
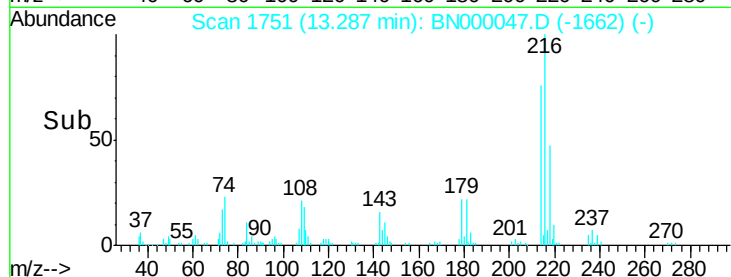


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 2.79 ng

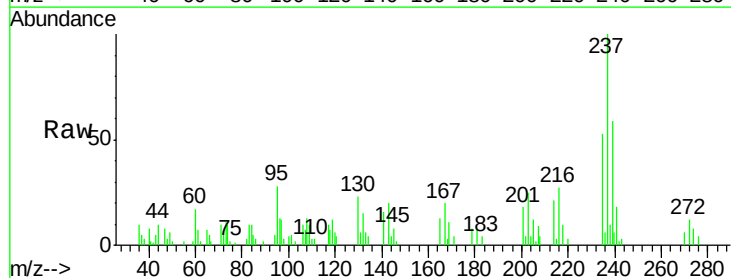
RT: 13.27 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BN000047.D

Acq: 07 Feb 2018 22:06

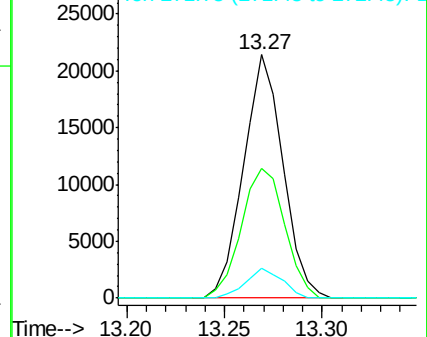
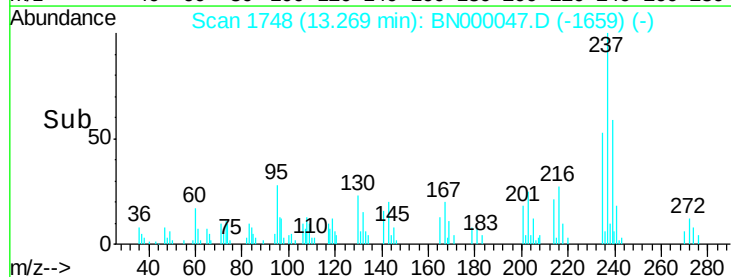
Tgt Ion:	237	Resp:	29904
Ion	Ratio	Lower	Upper
237	100		
235	53.1	50.4	90.4
272	12.4	0.0	31.8

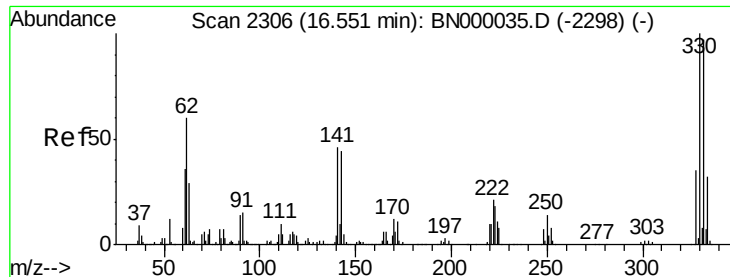


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

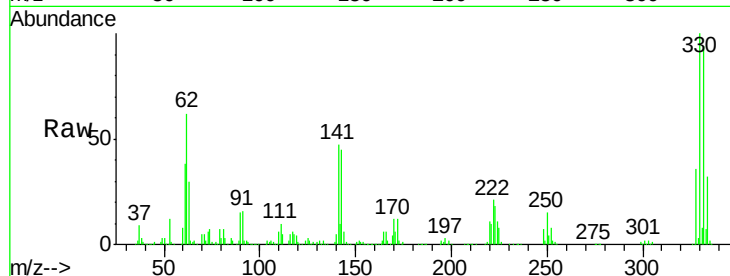




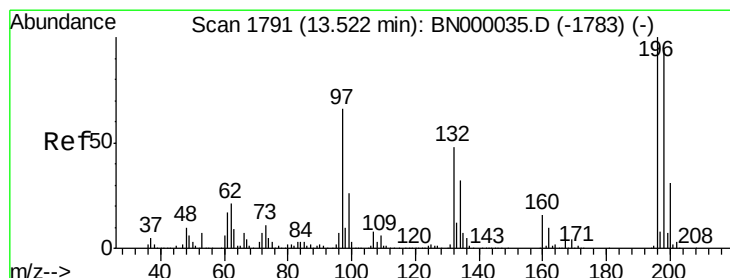
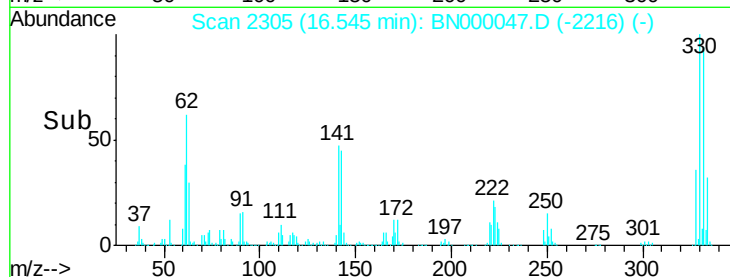
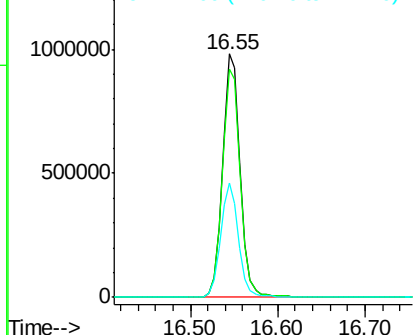
#41
 2,4,6-Tribromophenol
 Concen: 158.93 ng
 RT: 16.55 min Scan# 2305
 Delta R.T. -0.01 min
 Lab File: BN000047.D
 Acq: 07 Feb 2018 22:06

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:330 Resp: 1369148
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 47.7 25.2 37.8#

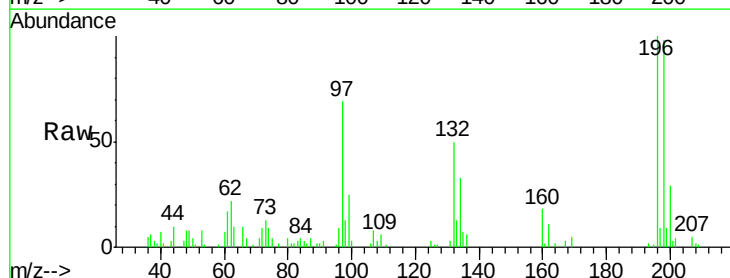


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

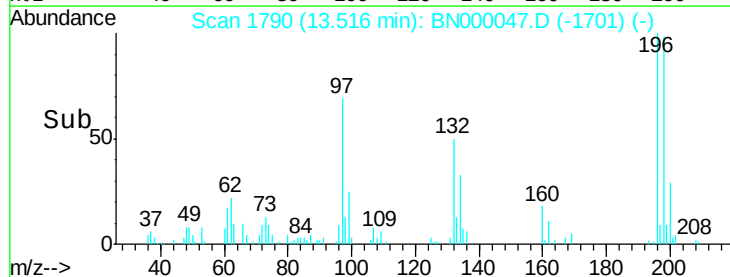
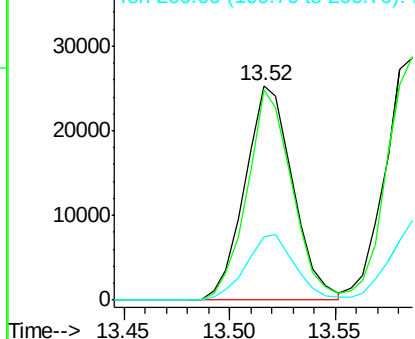


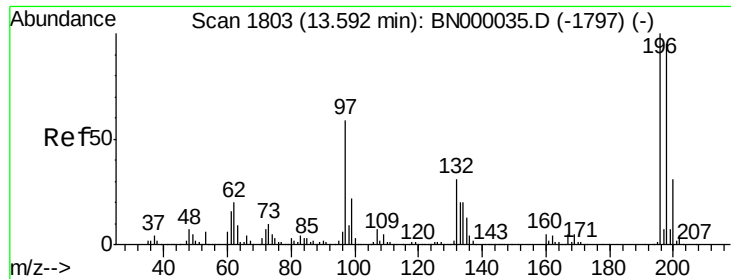
#42
 2,4,6-Trichlorophenol
 Concen: 2.59 ng
 RT: 13.52 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BN000047.D
 Acq: 07 Feb 2018 22:06

Tgt Ion:196 Resp: 39911
 Ion Ratio Lower Upper
 196 100
 198 97.9 78.2 117.2
 200 29.4 24.6 36.8



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

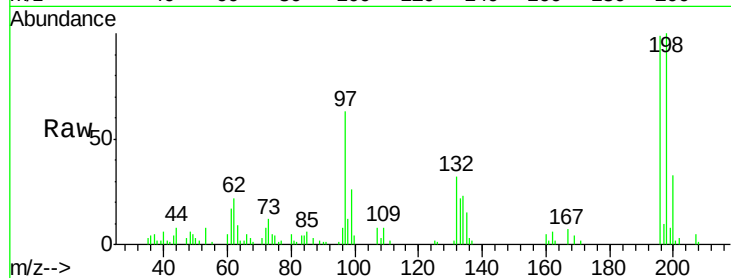




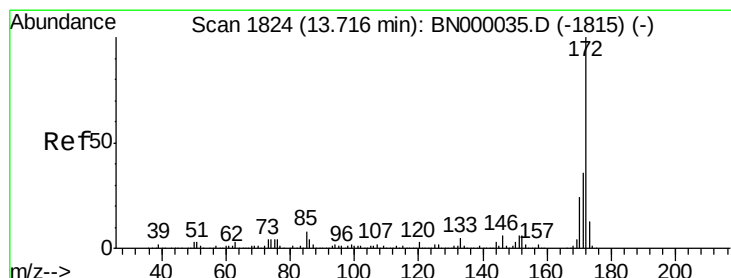
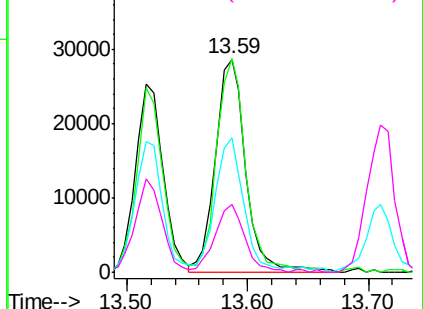
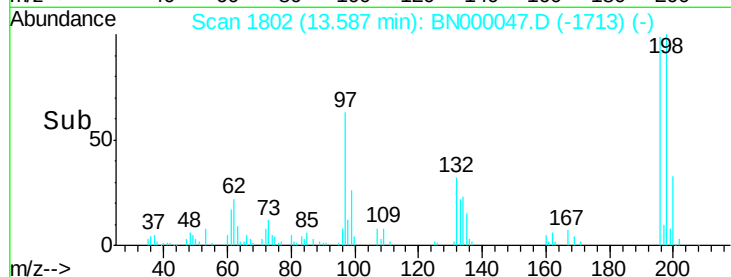
#43
2,4,5-Trichlorophenol
Concen: 2.68 ng
RT: 13.59 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BN000047.D
Acq: 07 Feb 2018 22:06

Instrument :
BNA_N
ClientSampleId :

Tot Ion:196 Resp: 49538
Ion Ratio Lower Upper
196 100
198 100.5 76.2 114.4
97 63.3 38.7 58.1#
132 32.1 20.2 30.2#

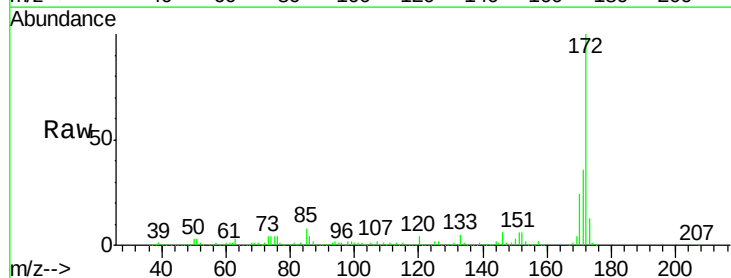


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BNC
Ion 132.00 (131.70 to 132.70): E

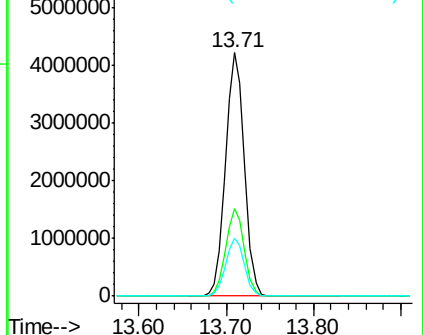
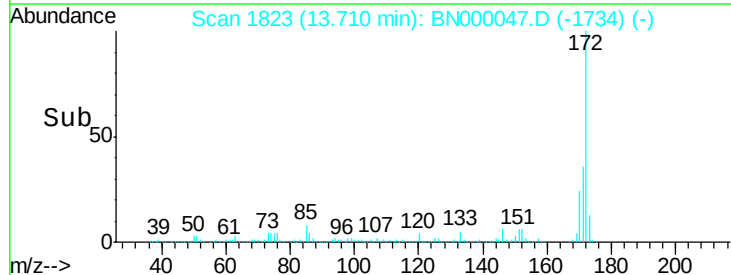


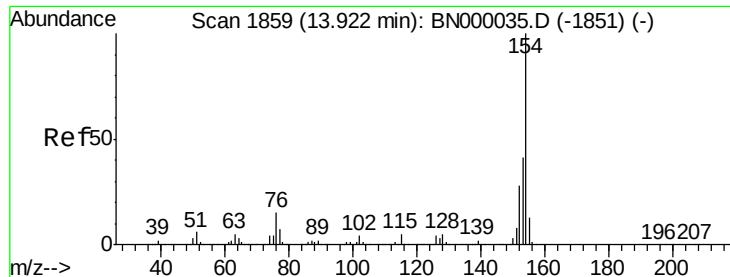
#44
2-Fluorobiphenyl
Concen: 101.28 ng
RT: 13.71 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BN000047.D
Acq: 07 Feb 2018 22:06

Tgt Ion:172 Resp: 6253774
Ion Ratio Lower Upper
172 100
171 35.9 30.0 45.0
170 23.9 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 3.96 ng

RT: 13.92 min Scan# 1859

Delta R.T. 0.00 min

Lab File: BN000047.D

Acq: 07 Feb 2018 22:06

Instrument :

BNA_N

ClientSampled :

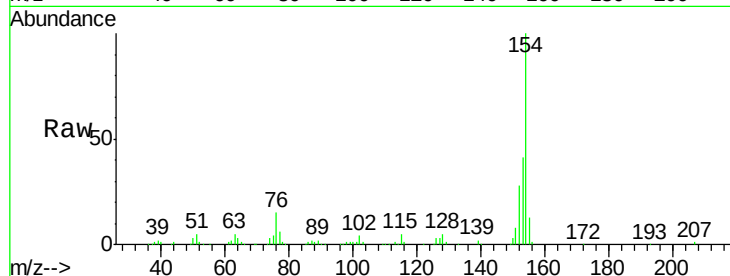
Tot Ion:154 Resp: 303375

Ion Ratio Lower Upper

154 100

153 40.8 19.8 59.8

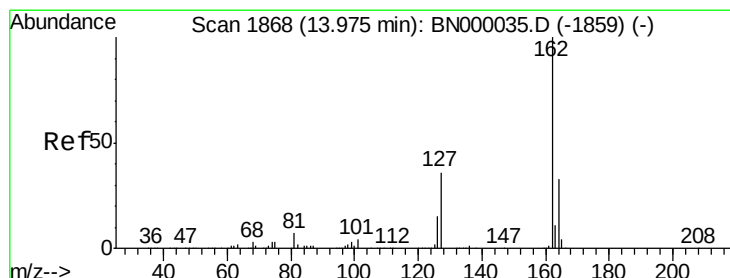
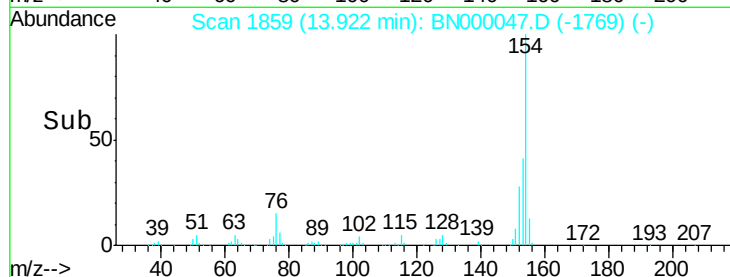
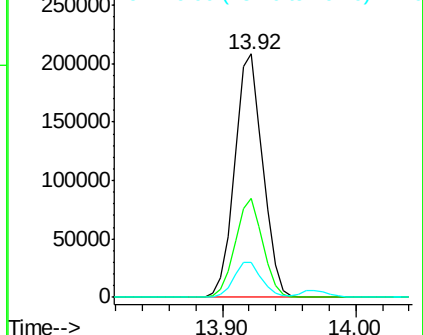
76 14.6 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNC



#46

2-Chloronaphthalene

Concen: 3.65 ng

RT: 13.97 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BN000047.D

Acq: 07 Feb 2018 22:06

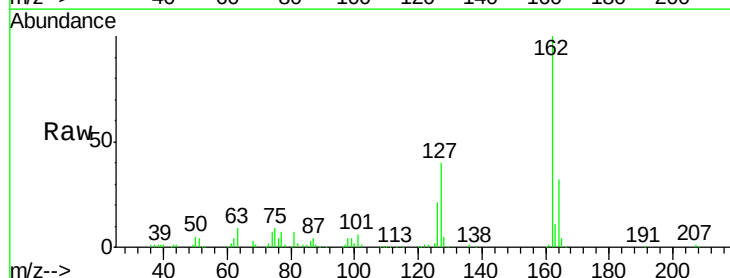
Tgt Ion:162 Resp: 209780

Ion Ratio Lower Upper

162 100

127 39.6 30.7 46.1

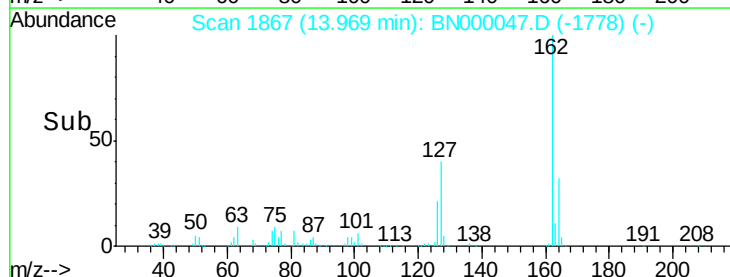
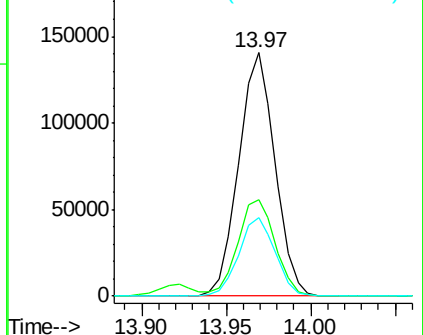
164 32.0 26.0 39.0

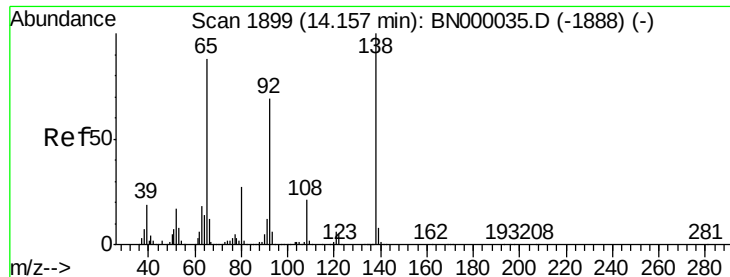


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 6.59 ng

RT: 14.16 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BN000047.D

Acq: 07 Feb 2018 22:06

Instrument :

BNA_N

ClientSampleId :

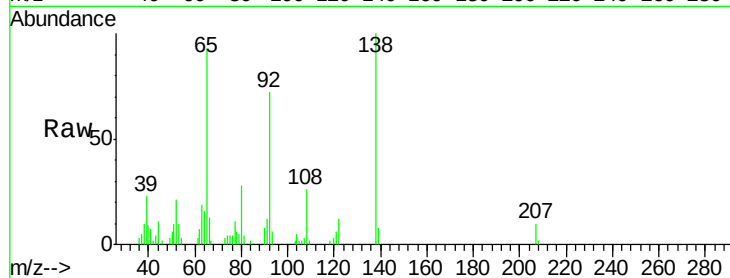
Tot Ion: 65 Resp: 32095

Ion Ratio Lower Upper

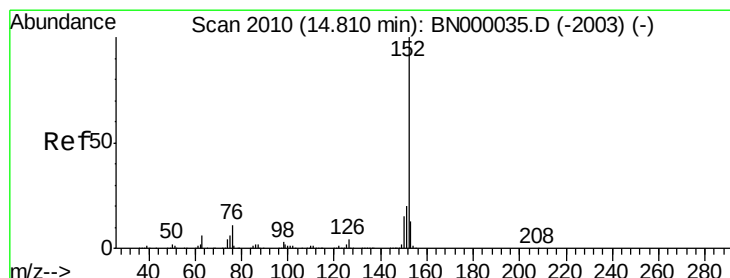
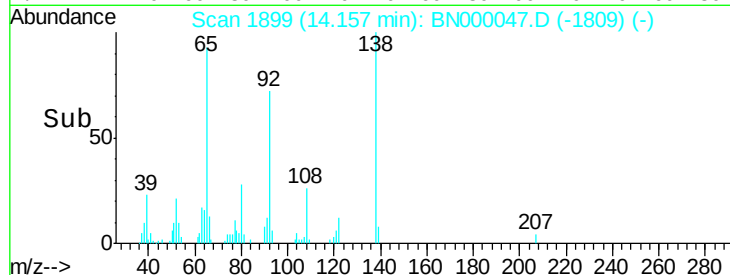
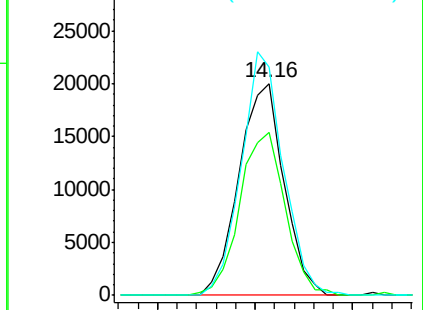
65 100

92 77.1 54.6 82.0

138 107.4 72.9 109.3



Abundance Ion 65.00 (64.70 to 65.70): BN0
Ion 92.00 (91.70 to 92.70): BN0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 3.24 ng

RT: 14.80 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BN000047.D

Acq: 07 Feb 2018 22:06

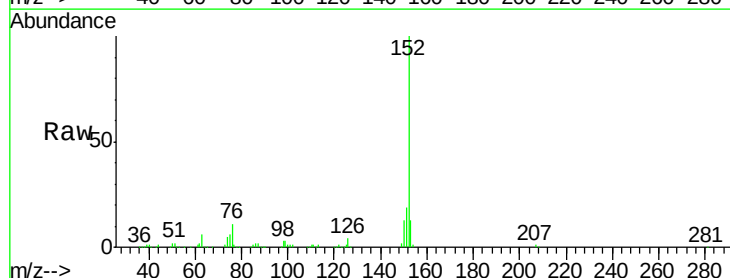
Tgt Ion: 152 Resp: 299849

Ion Ratio Lower Upper

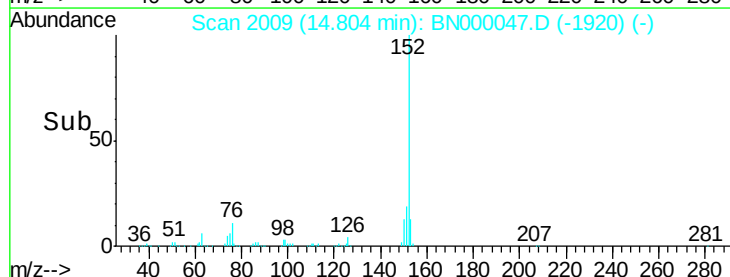
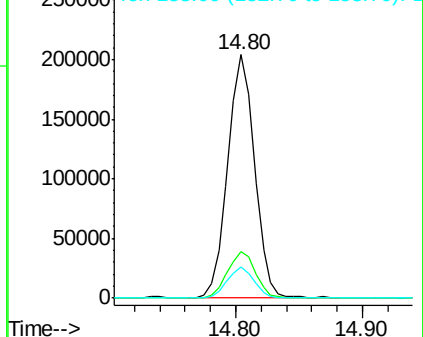
152 100

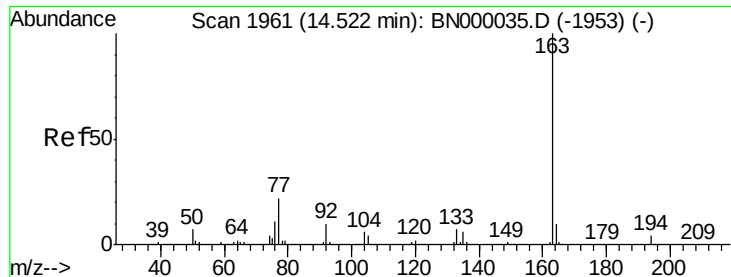
151 19.3 17.2 25.8

153 12.8 10.2 15.4



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





#49

Dimethylphthalate

Concen: 3.47 ng

RT: 14.52 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BN000047.D

Acq: 07 Feb 2018 22:06

Instrument :

BNA_N

ClientSampled :

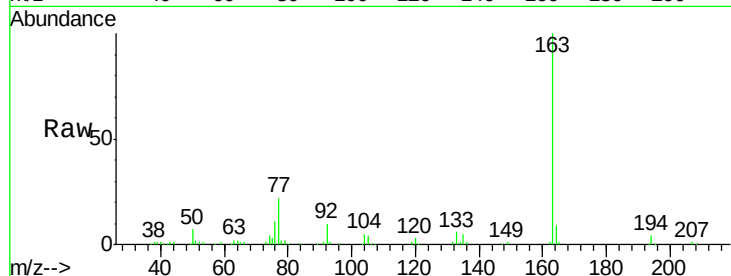
Tot Ion:163 Resp: 252243

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

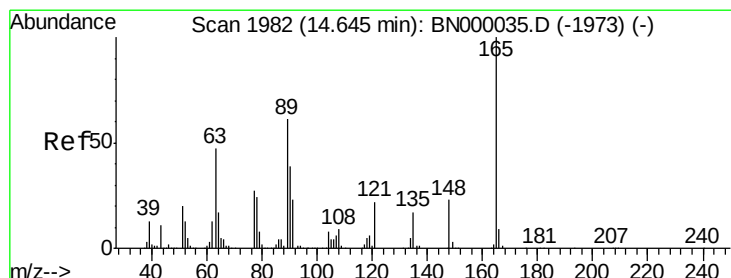
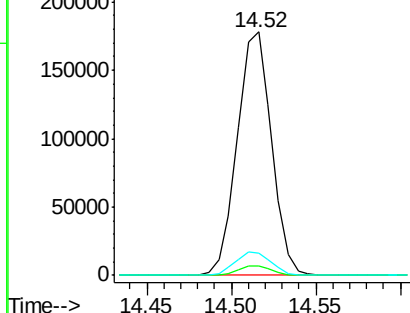
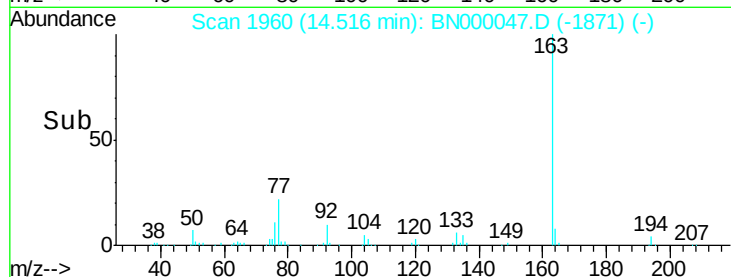
164 9.2 8.2 12.4



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



#50

2,6-Dinitrotoluene

Concen: 2.17 ng

RT: 14.63 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BN000047.D

Acq: 07 Feb 2018 22:06

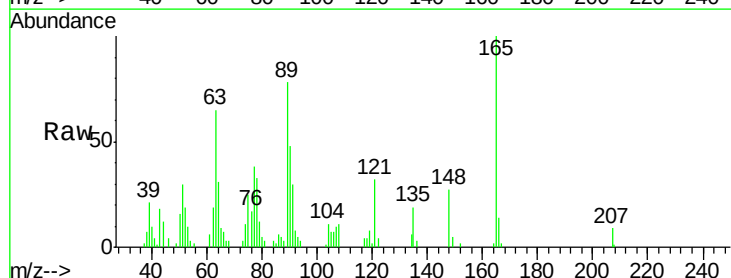
Tgt Ion:165 Resp: 32624

Ion Ratio Lower Upper

165 100

63 64.9 52.7 79.1

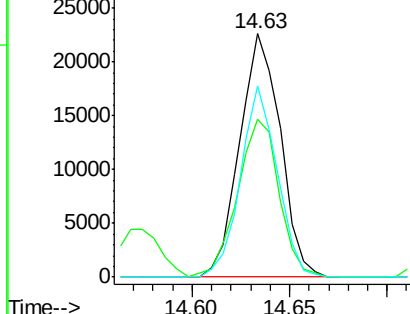
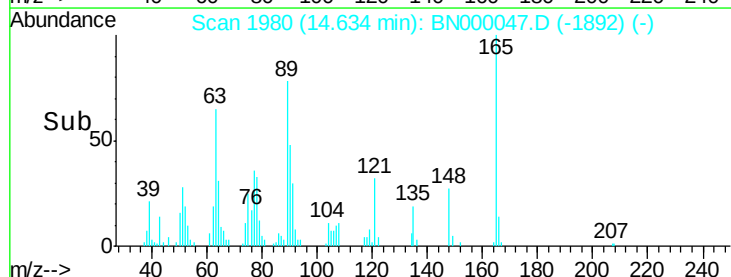
89 78.4 49.2 73.8#

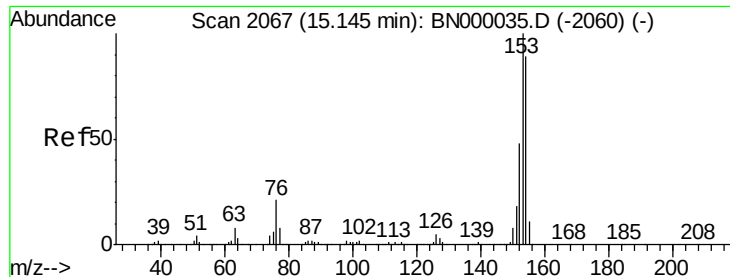


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#51

Acenaphthene

Concen: 3.60 ng

RT: 15.14 min Scan# 2066

Delta R.T. -0.01 min

Lab File: BN000047.D

Acq: 07 Feb 2018 22:06

Instrument :

BNA_N

ClientSampled :

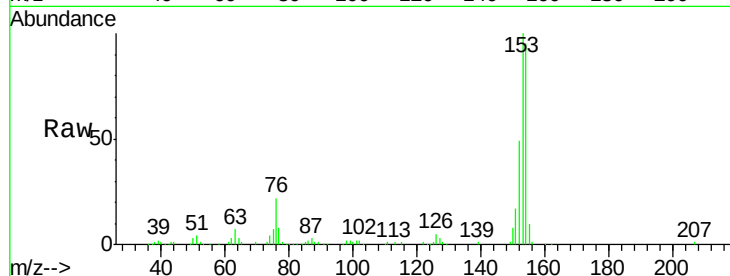
Tot Ion:154 Resp: 217089

Ion Ratio Lower Upper

154 100

153 105.7 90.4 135.6

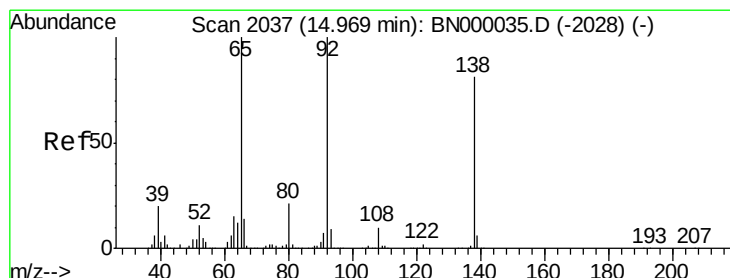
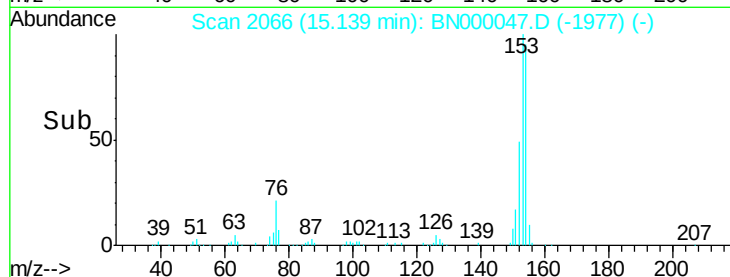
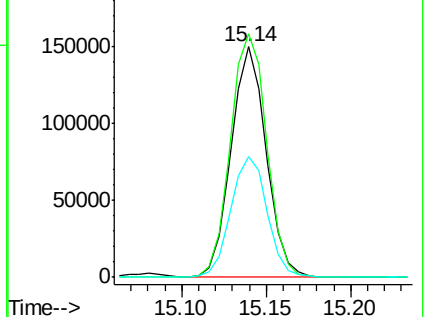
152 52.3 41.6 62.4



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



#52

3-Nitroaniline

Concen: 2.23 ng

RT: 14.96 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BN000047.D

Acq: 07 Feb 2018 22:06

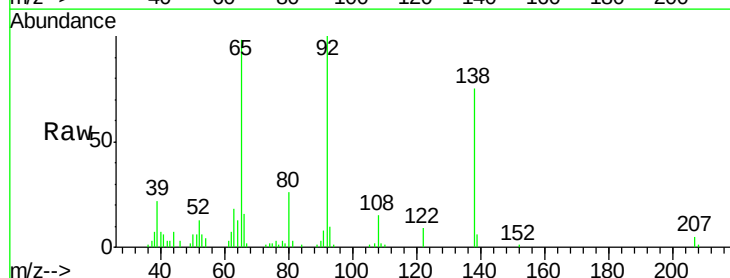
Tgt Ion:138 Resp: 40770

Ion Ratio Lower Upper

138 100

108 20.0 17.5 26.3

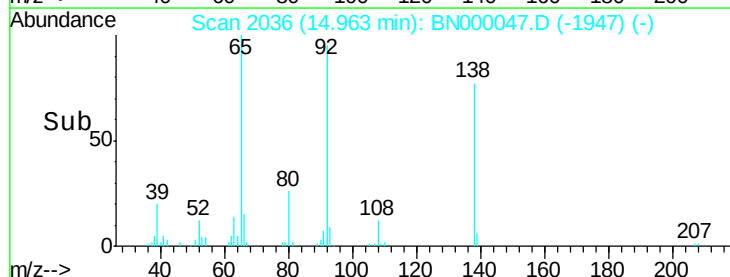
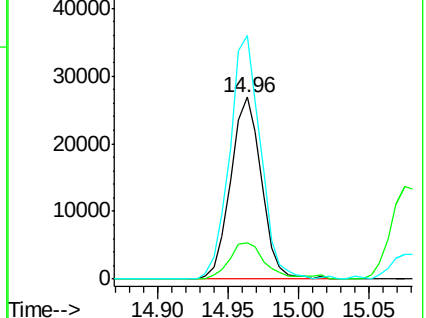
92 133.9 105.8 158.8

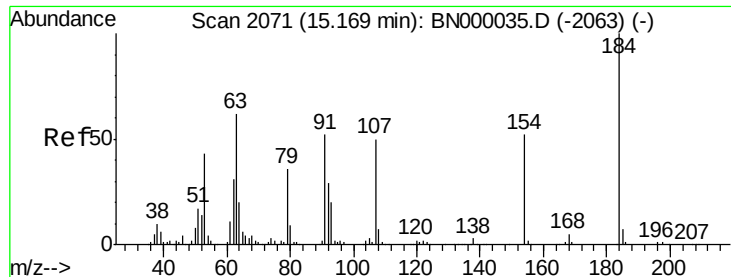


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC

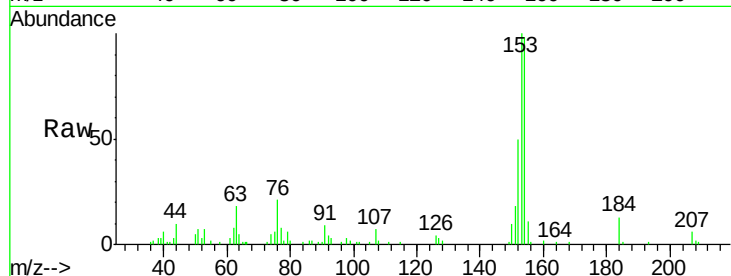




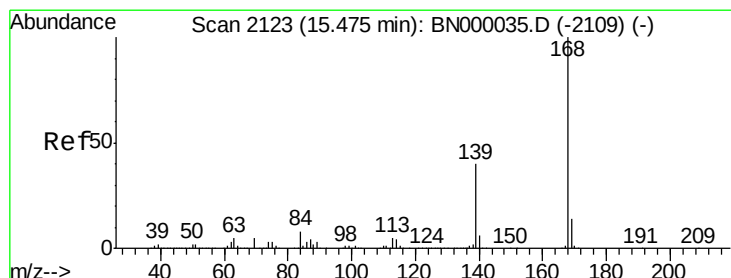
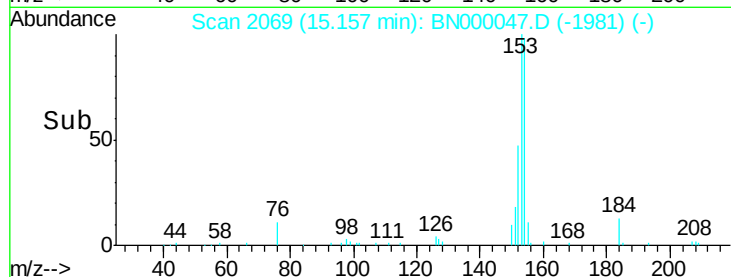
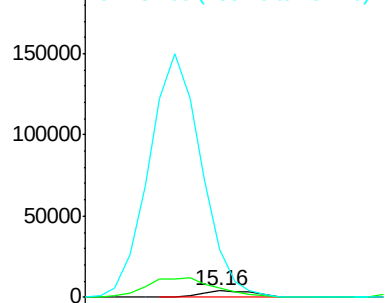
#53
2,4-Dinitrophenol
Concen: 10.19 ng
RT: 15.16 min Scan# 2069
Delta R.T. -0.01 min
Lab File: BN000047.D
Acq: 07 Feb 2018 22:06

Instrument :
BNA_N
ClientSampled :

Tot Ion:184 Resp: 5778
Ion Ratio Lower Upper
184 100
63 140.5 80.0 120.0#
154 771.2 308.0 462.0#

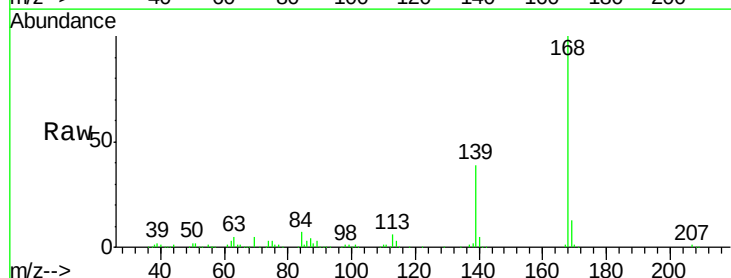


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BNO
Ion 154.00 (153.70 to 154.70): E

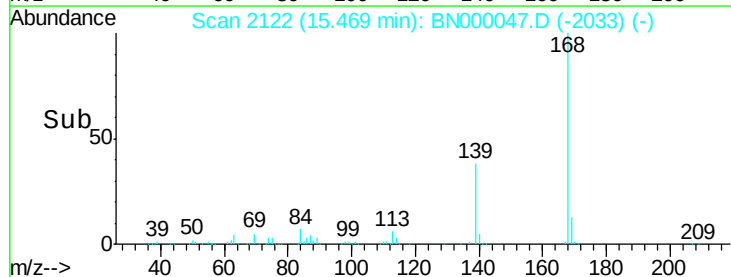
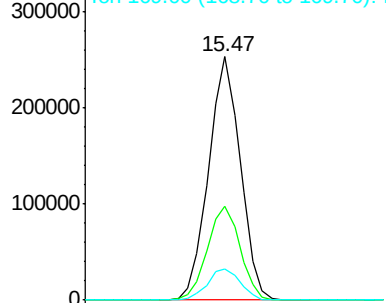


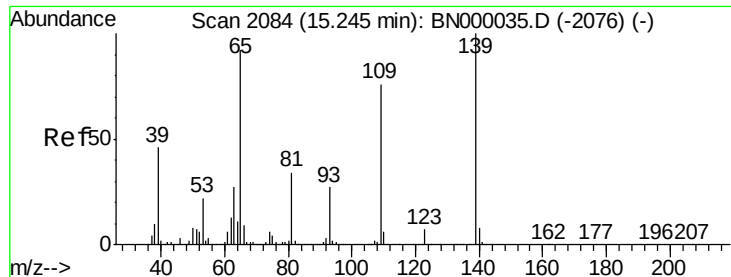
#54
Dibenzofuran
Concen: 4.13 ng
RT: 15.47 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BN000047.D
Acq: 07 Feb 2018 22:06

Tgt Ion:168 Resp: 352658
Ion Ratio Lower Upper
168 100
139 38.6 28.6 43.0
169 12.7 11.2 16.8



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

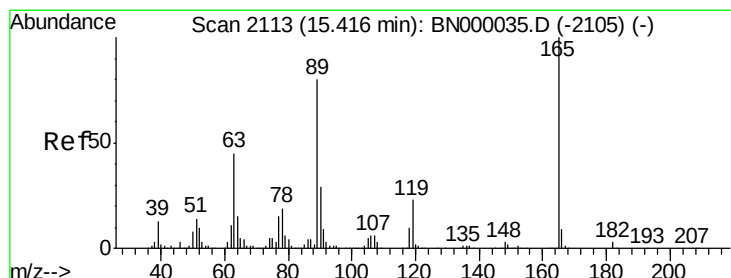
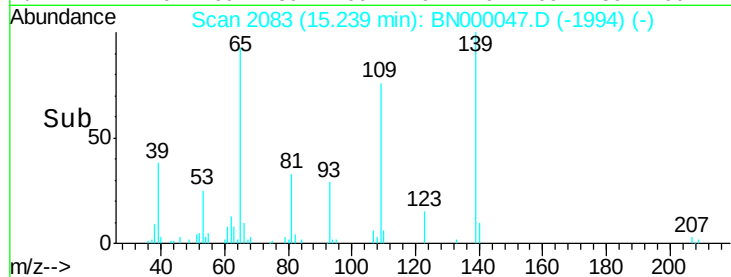
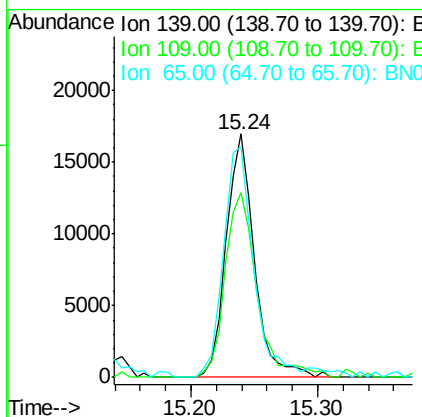
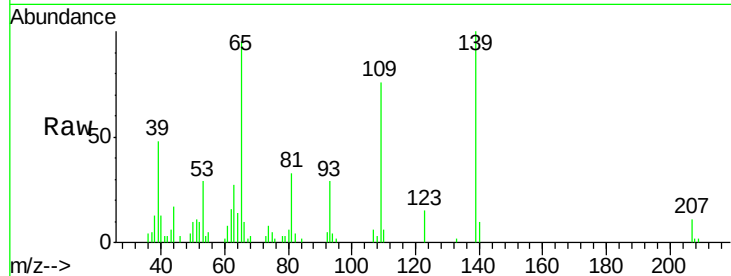




#55
4-Nitrophenol
Concen: 6.60 ng
RT: 15.24 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BN000047.D
Acq: 07 Feb 2018 22:06

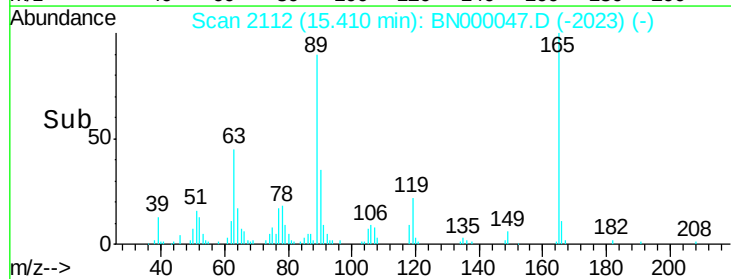
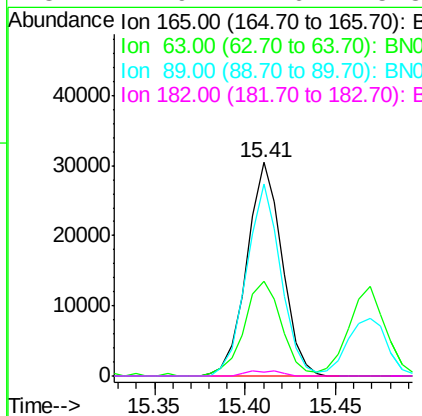
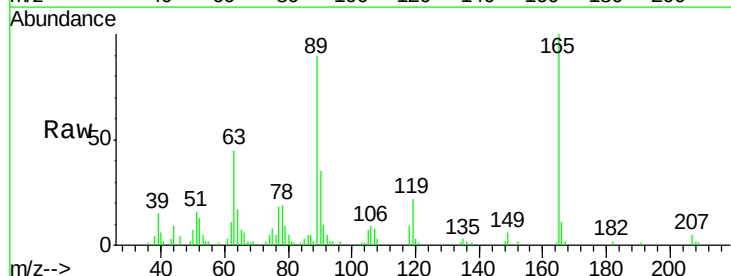
Instrument :
BNA_N
ClientSampleId :

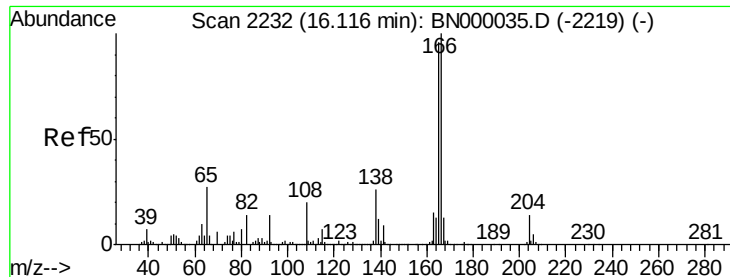
Tot Ion:139 Resp: 25970
Ion Ratio Lower Upper
139 100
109 76.1 62.2 102.2
65 94.7 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 5.93 ng
RT: 15.41 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BN000047.D
Acq: 07 Feb 2018 22:06

Tgt Ion:165 Resp: 41109
Ion Ratio Lower Upper
165 100
63 44.6 42.0 63.0
89 90.2 66.9 100.3
182 1.9 2.6 3.8#

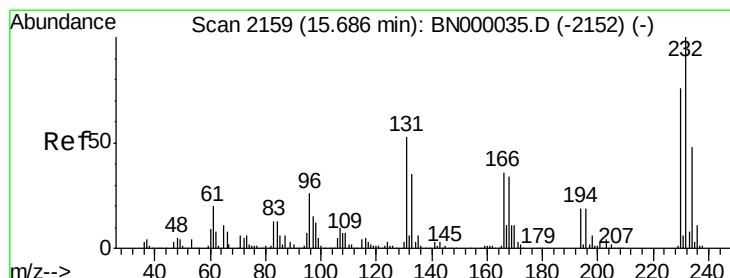
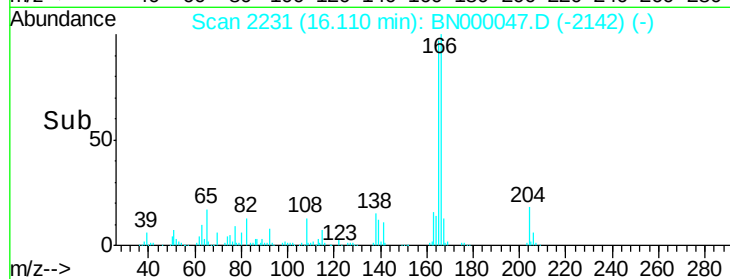
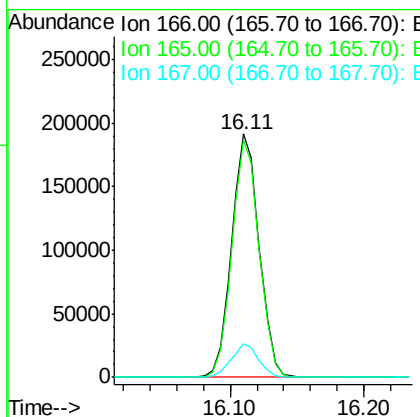
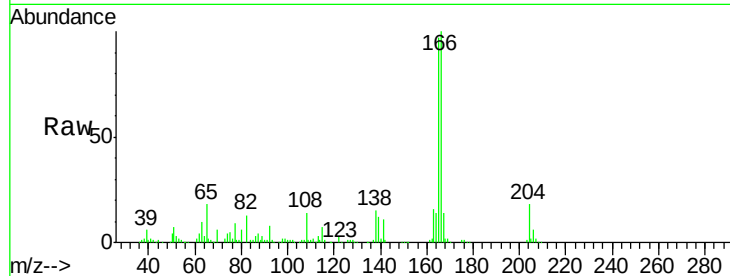




#57
 Fluorene
 Concen: 3.93 ng
 RT: 16.11 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BN000047.D
 Acq: 07 Feb 2018 22:06

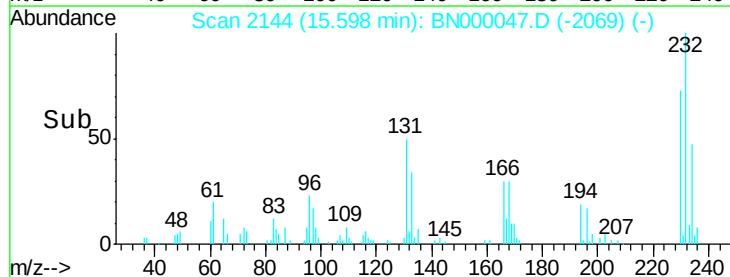
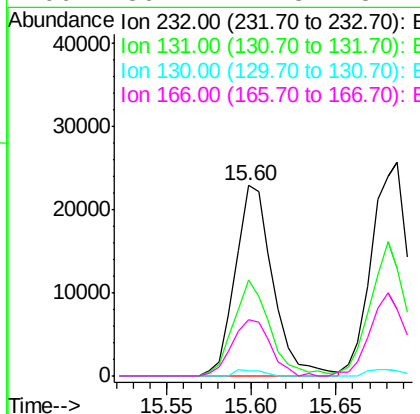
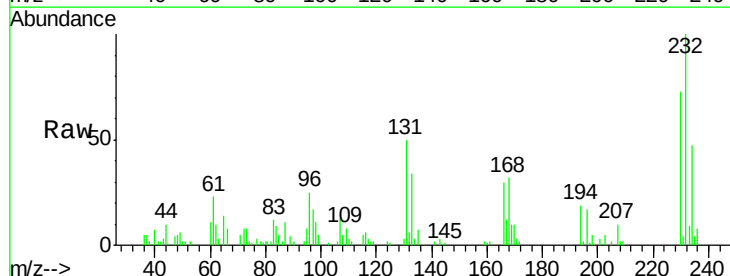
Instrument :
 BNA_N
 ClientSampled :

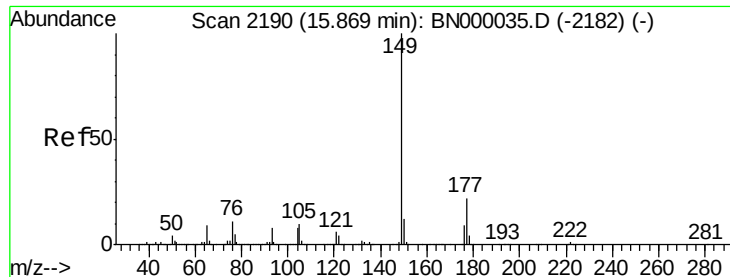
Tot Ion:166 Resp: 274258
 Ion Ratio Lower Upper
 166 100
 165 97.2 80.6 121.0
 167 14.0 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 2.43 ng
 RT: 15.60 min Scan# 2144
 Delta R.T. -0.09 min
 Lab File: BN000047.D
 Acq: 07 Feb 2018 22:06

Tgt Ion:232 Resp: 35461
 Ion Ratio Lower Upper
 232 100
 131 48.8 33.5 50.3
 130 2.3 2.2 3.2
 166 30.1 24.8 37.2

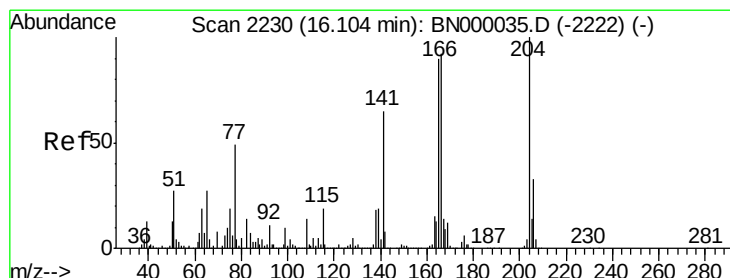
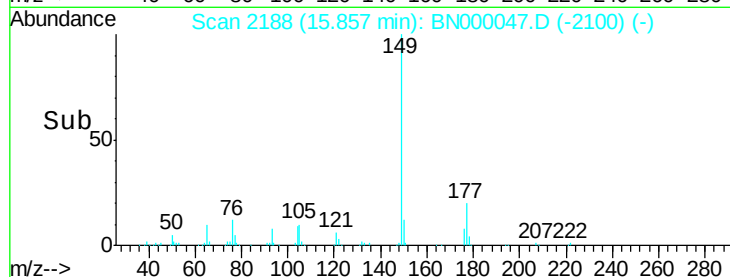
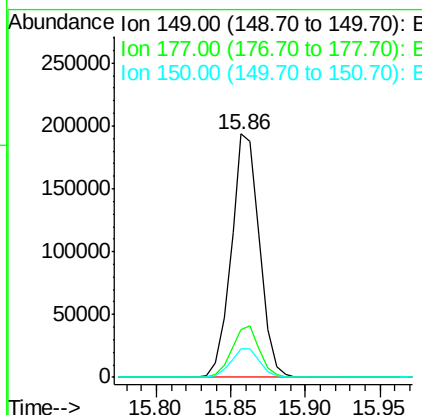
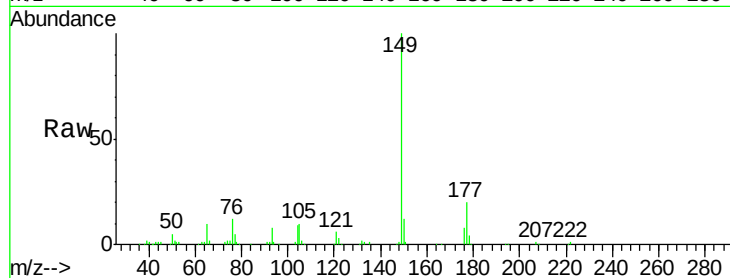




#59
Diethylphthalate
Concen: 3.45 ng
RT: 15.86 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BN000047.D
Acq: 07 Feb 2018 22:06

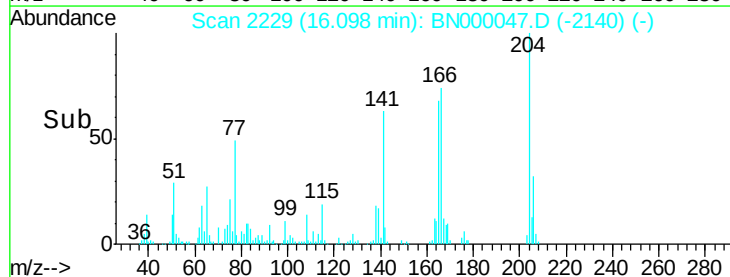
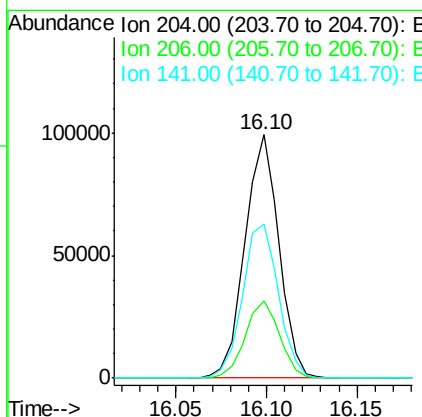
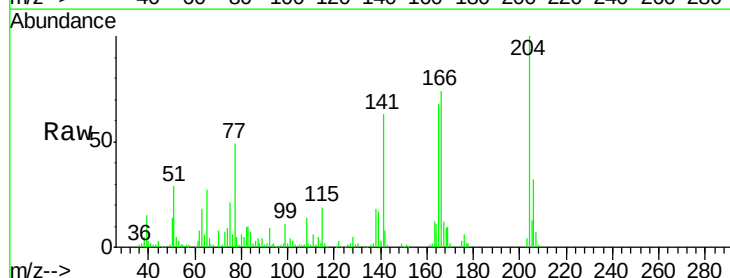
Instrument :
BNA_N
ClientSampled :

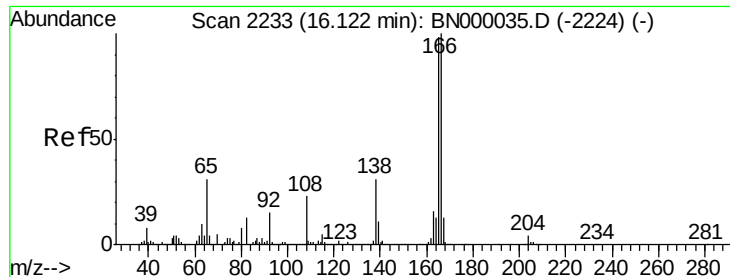
Tot Ion	Ratio	Lower	Upper
149	100		
177	19.9	18.5	27.7
150	11.8	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 4.06 ng
RT: 16.10 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BN000047.D
Acq: 07 Feb 2018 22:06

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.5	26.2	39.2
141	63.3	45.8	68.6





#61

4-Nitroaniline

Concen: 2.33 ng

RT: 16.11 min Scan# 2231

Delta R.T. -0.01 min

Lab File: BN000047.D

Acq: 07 Feb 2018 22:06

Instrument :

BNA_N

ClientSampleId :

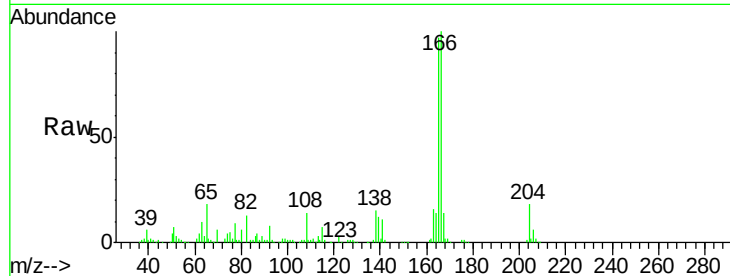
Tot Ion:138 Resp: 43759

Ion Ratio Lower Upper

138 100

92 53.9 40.1 80.1

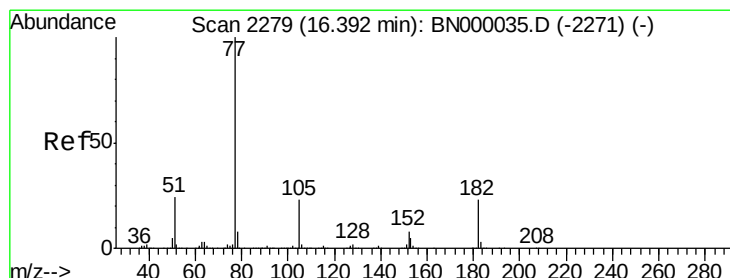
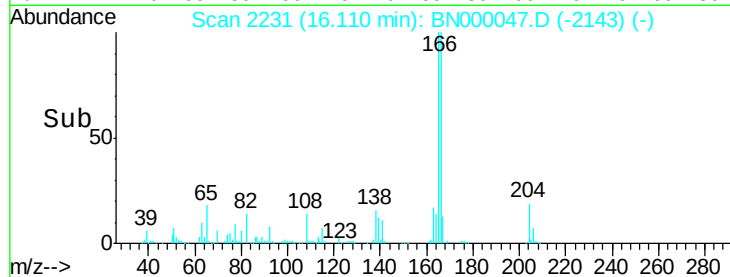
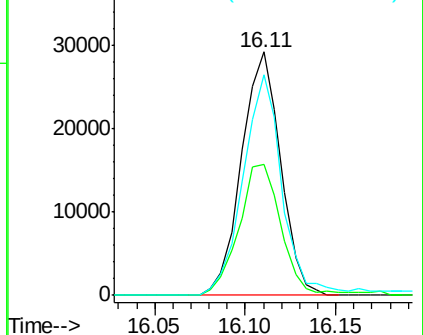
108 90.4 65.4 105.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BNC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 3.38 ng

RT: 16.39 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BN000047.D

Acq: 07 Feb 2018 22:06

Tgt Ion: 77 Resp: 248606

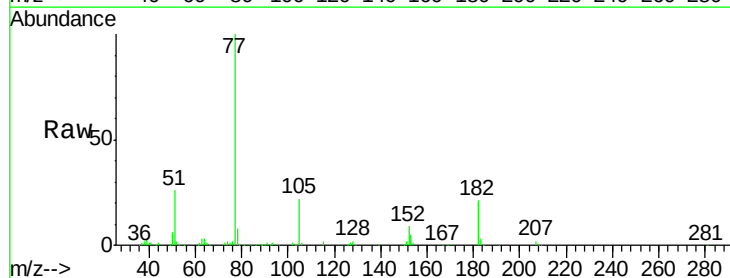
Ion Ratio Lower Upper

77 100

182 21.0 7.4 47.4

105 21.5 0.3 40.3

51 25.5 11.6 51.6

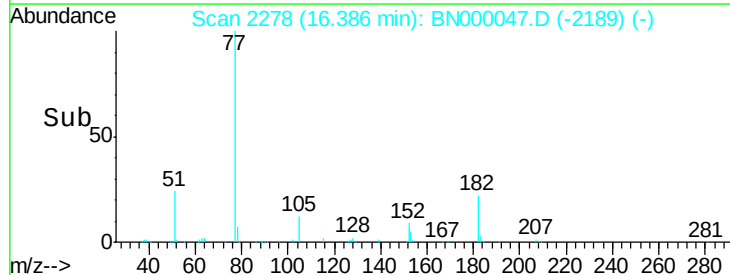
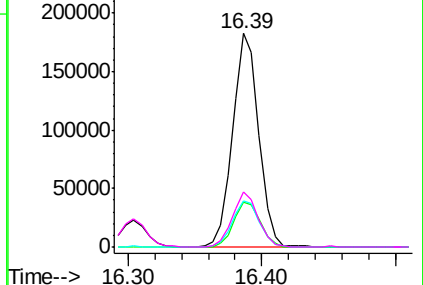


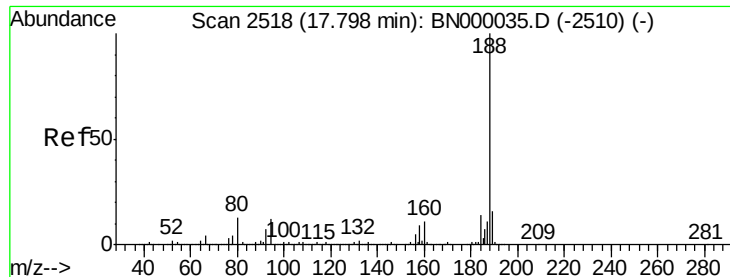
Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BNC

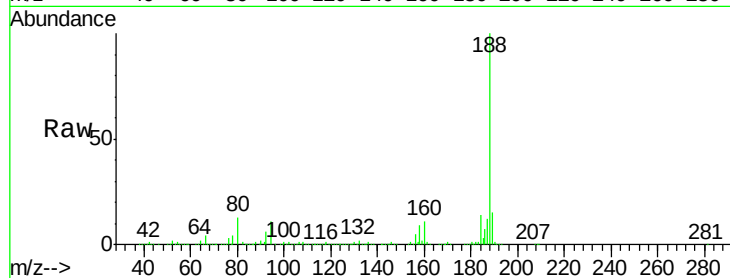




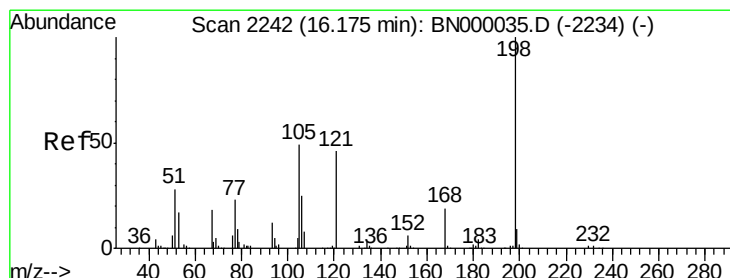
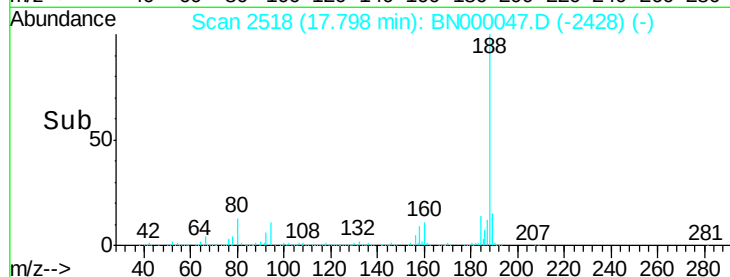
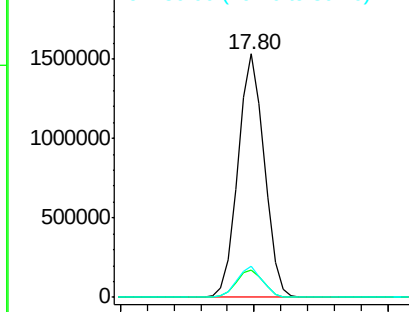
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.80 min Scan# 2518
Delta R.T. 0.00 min
Lab File: BN000047.D
Acq: 07 Feb 2018 22:06

Instrument :
BNA_N
ClientSampleId :

Tot Ion:188 Resp: 2093571
Ion Ratio Lower Upper
188 100
94 11.4 6.9 10.3#
80 12.8 7.7 11.5#

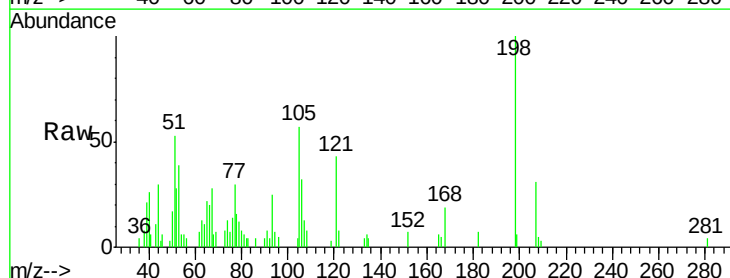


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

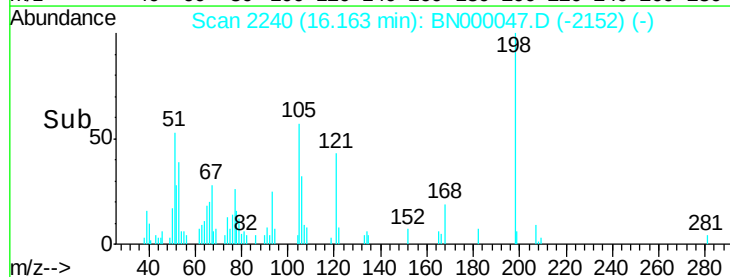
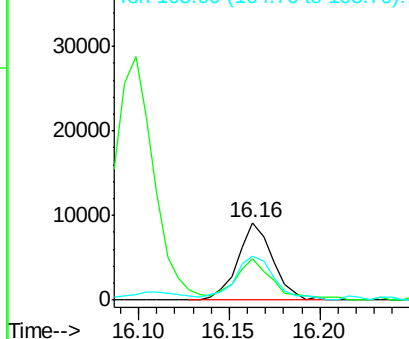


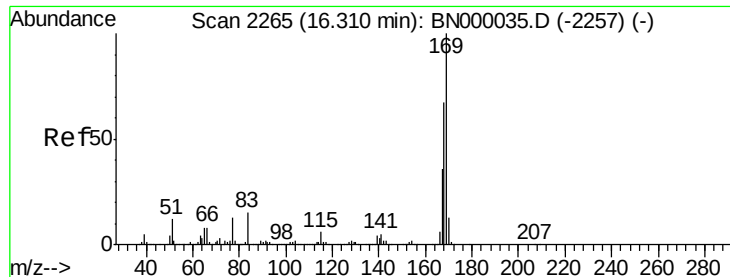
#64
4,6-Dinitro-2-methylphenol
Concen: 9.72 ng
RT: 16.16 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BN000047.D
Acq: 07 Feb 2018 22:06

Tgt Ion:198 Resp: 12266
Ion Ratio Lower Upper
198 100
51 52.8 30.6 70.6
105 57.0 23.8 63.8



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

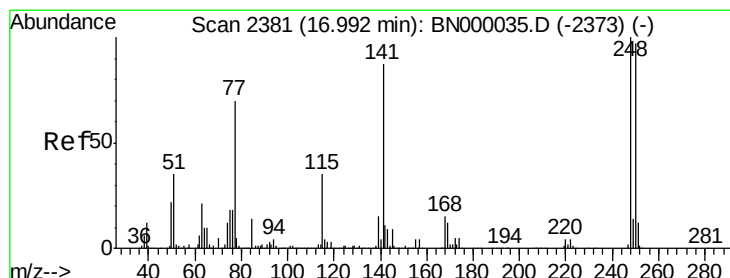
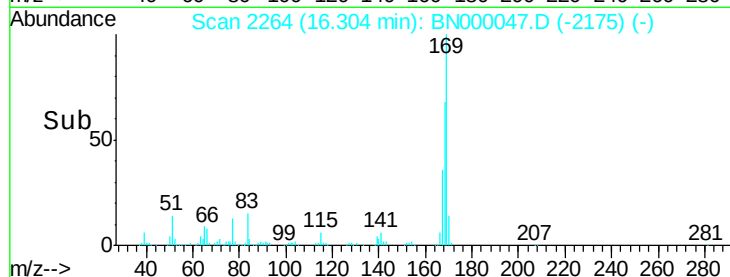
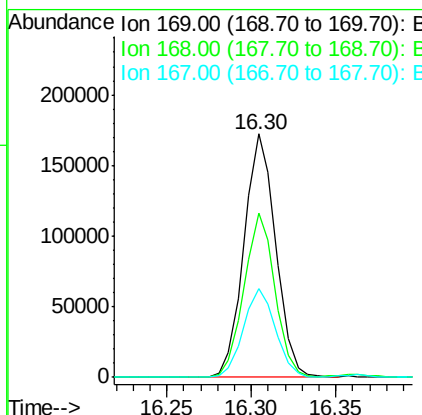
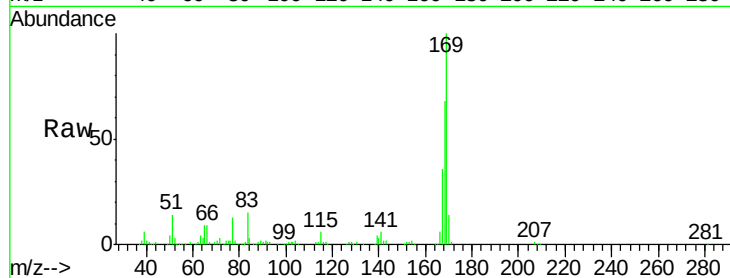




#65
n-Nitrosodiphenylamine
Concen: 3.31 ng
RT: 16.30 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BN000047.D
Acq: 07 Feb 2018 22:06

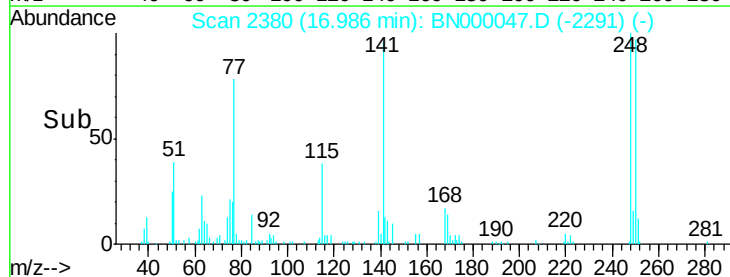
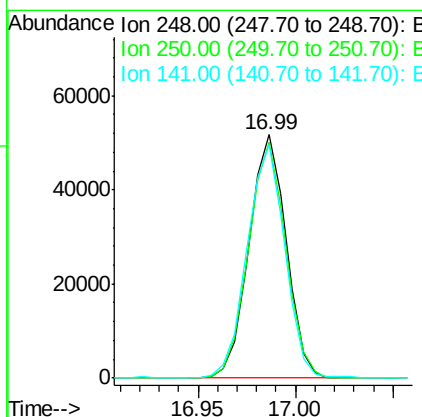
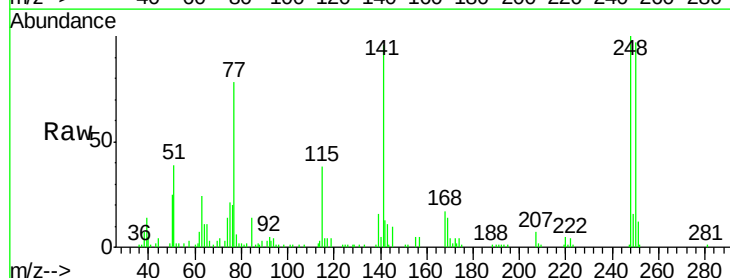
Instrument :
BNA_N
ClientSampleId :

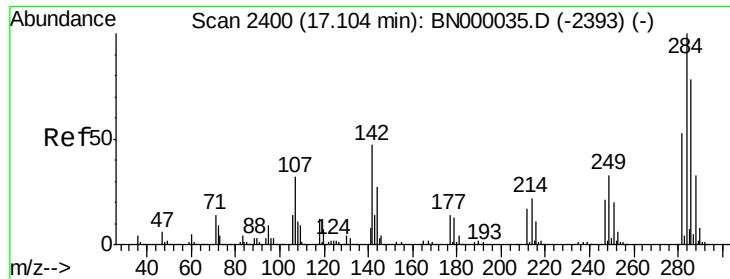
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.5	55.7	83.5
167	36.3	30.1	45.1



#66
4-Bromophenyl-phenylether
Concen: 3.42 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.01 min
Lab File: BN000047.D
Acq: 07 Feb 2018 22:06

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.0	77.1	115.7
141	95.8	50.8	76.2





#67

Hexachlorobenzene

Concen: 3.54 ng

RT: 17.10 min Scan# 2400

Delta R.T. 0.00 min

Lab File: BN000047.D

Acq: 07 Feb 2018 22:06

Instrument :

BNA_N

ClientSampleId :

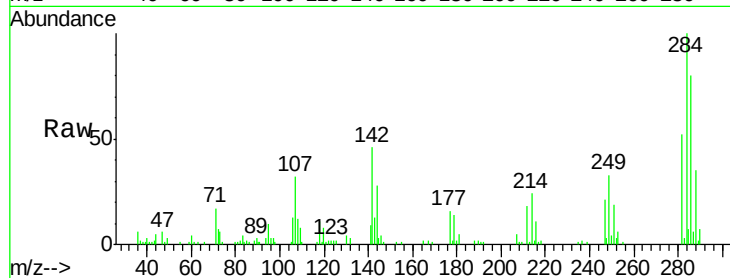
Tot Ion:284 Resp: 82258

Ion Ratio Lower Upper

284 100

142 46.0 26.8 40.2#

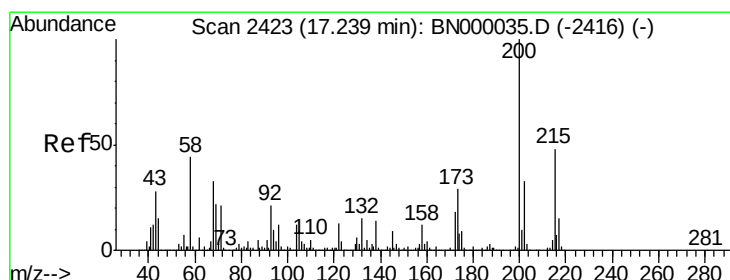
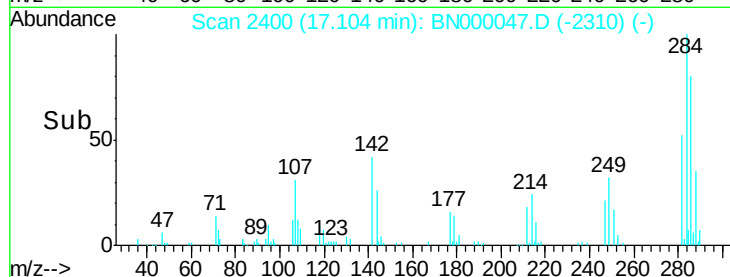
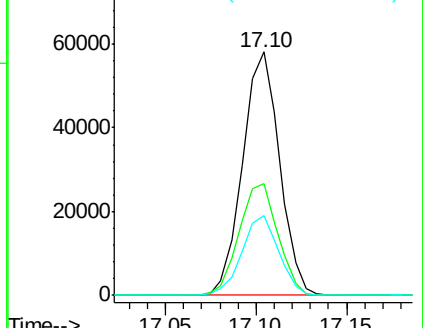
249 32.5 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 2.60 ng

RT: 17.23 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BN000047.D

Acq: 07 Feb 2018 22:06

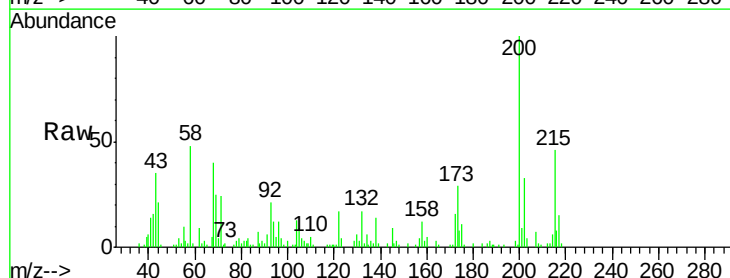
Tgt Ion:200 Resp: 57717

Ion Ratio Lower Upper

200 100

173 29.2 5.2 45.2

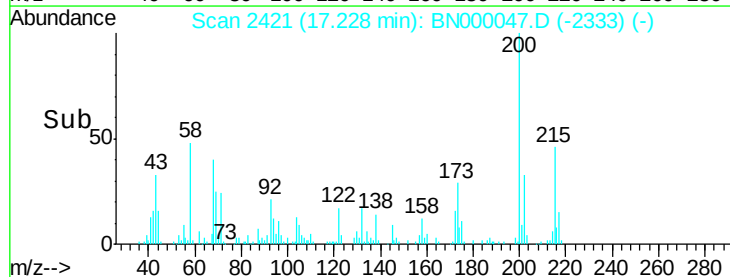
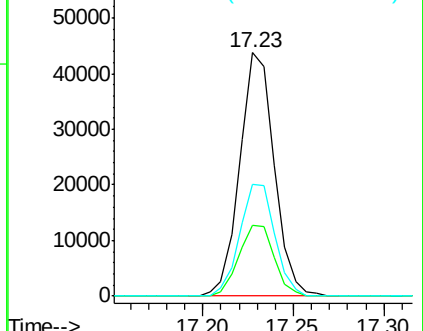
215 46.1 30.4 70.4

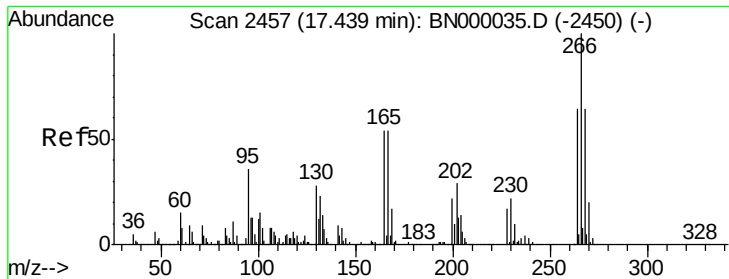


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 7.28 ng

RT: 17.44 min Scan# 2457

Delta R.T. 0.00 min

Lab File: BN000047.D

Acq: 07 Feb 2018 22:06

Instrument :

BNA_N

ClientSampled :

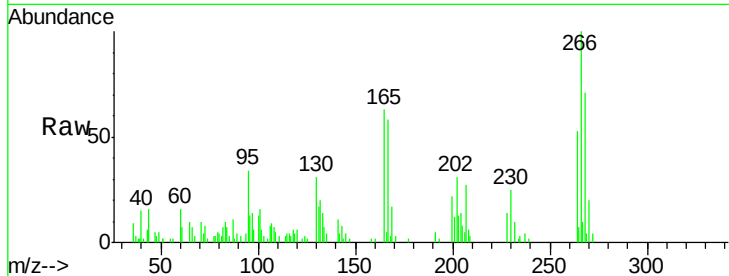
Tot Ion:266 Resp: 25076

Ion Ratio Lower Upper

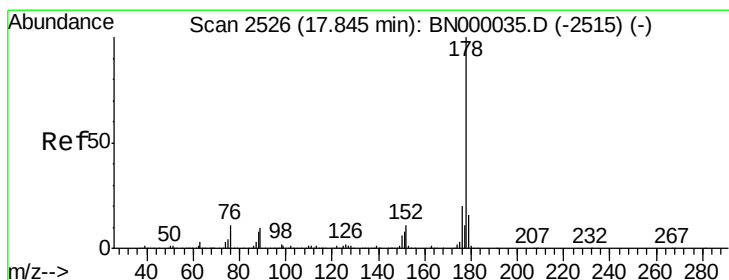
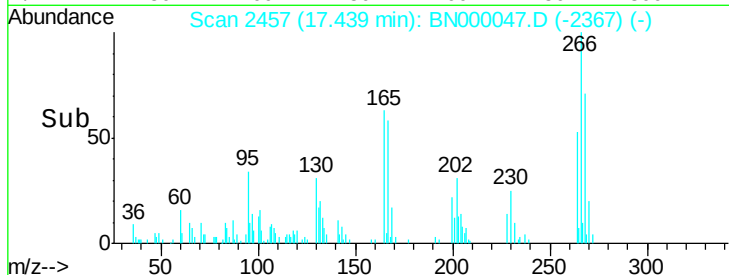
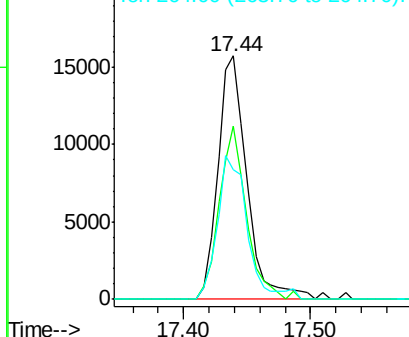
266 100

268 71.0 51.1 76.7

264 53.4 49.6 74.4



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



#70

Phenanthrene

Concen: 3.95 ng

RT: 17.84 min Scan# 2525

Delta R.T. -0.01 min

Lab File: BN000047.D

Acq: 07 Feb 2018 22:06

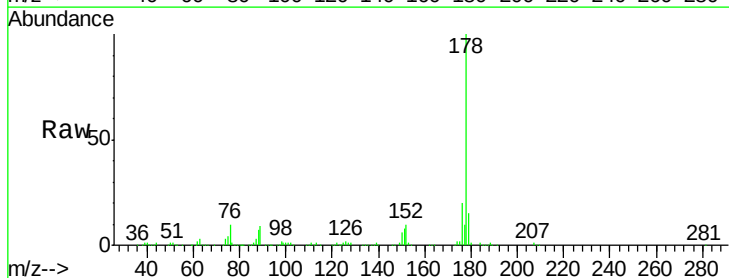
Tgt Ion:178 Resp: 488000

Ion Ratio Lower Upper

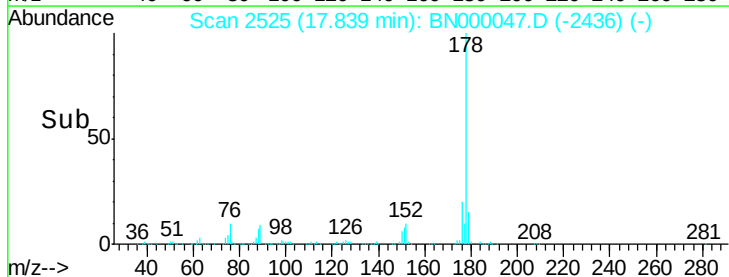
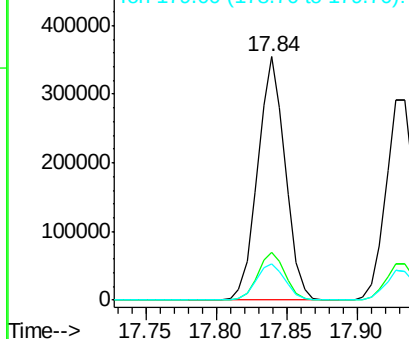
178 100

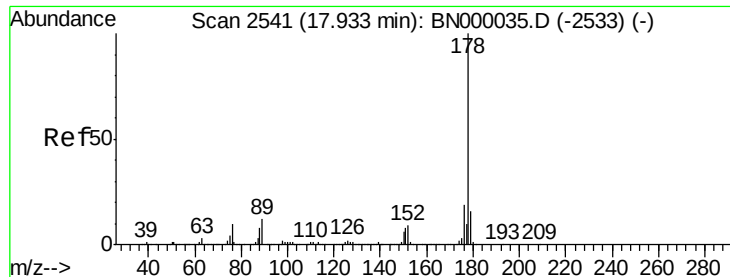
176 19.7 15.7 23.5

179 15.0 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 3.56 ng

RT: 17.93 min Scan# 2541

Delta R.T. 0.00 min

Lab File: BN000047.D

Acq: 07 Feb 2018 22:06

Instrument :

BNA_N

ClientSampleId :

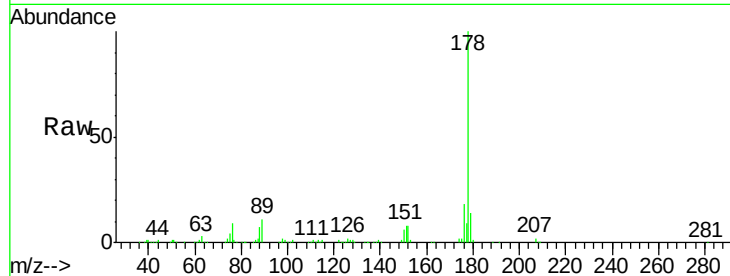
Tot Ion:178 Resp: 425891

Ion Ratio Lower Upper

178 100

176 18.0 16.0 24.0

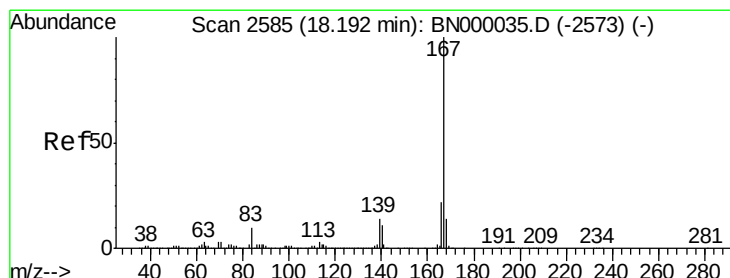
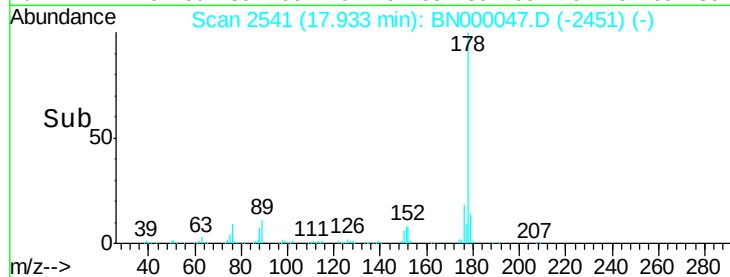
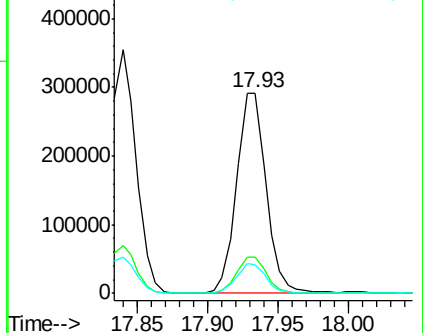
179 14.5 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 3.41 ng

RT: 18.19 min Scan# 2585

Delta R.T. 0.00 min

Lab File: BN000047.D

Acq: 07 Feb 2018 22:06

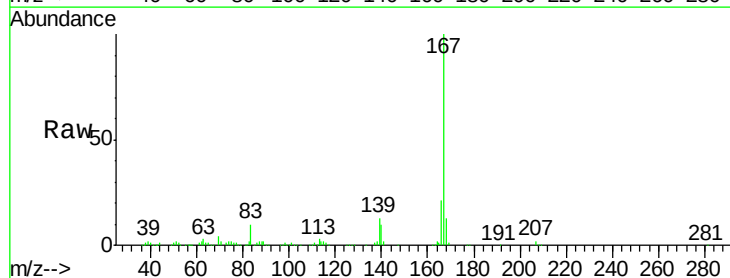
Tgt Ion:167 Resp: 411063

Ion Ratio Lower Upper

167 100

166 20.6 18.2 27.4

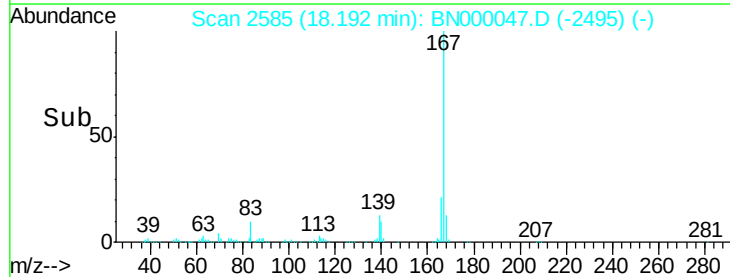
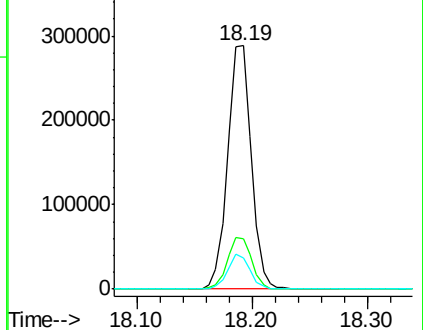
139 13.0 9.4 14.2

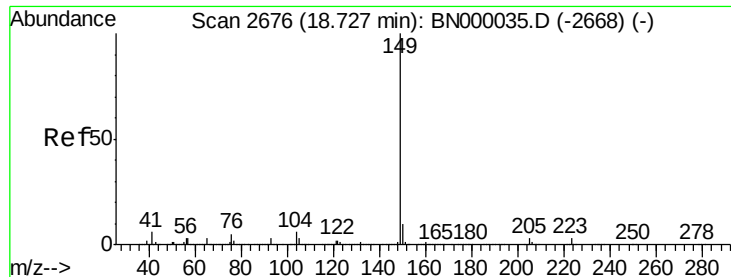


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 2.37 ng

RT: 18.73 min Scan# 2676

Delta R.T. 0.00 min

Lab File: BN000047.D

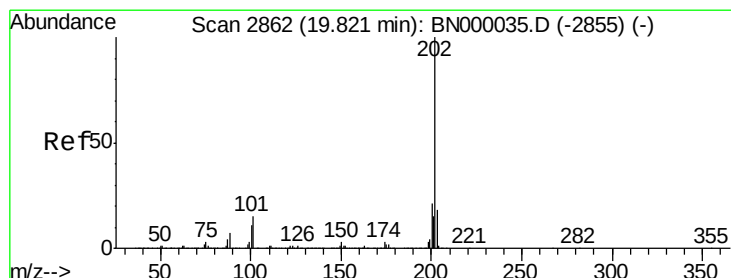
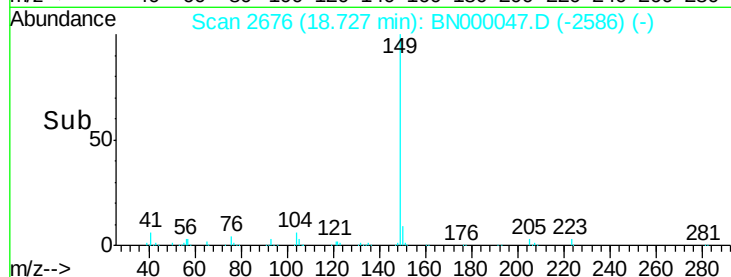
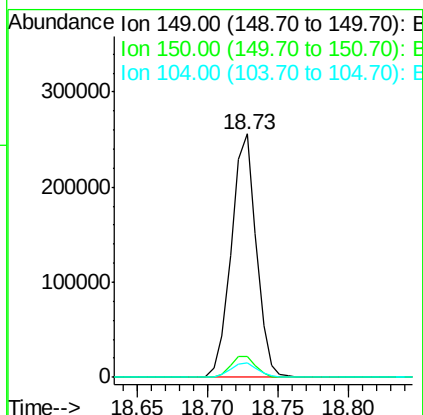
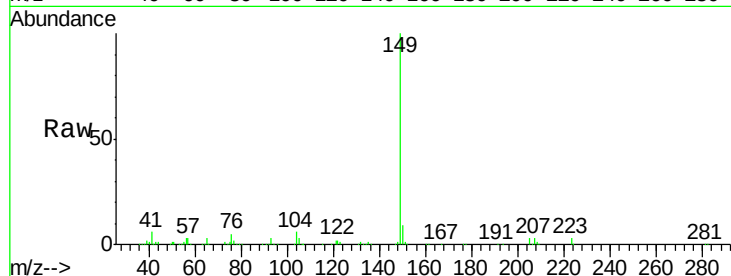
Acq: 07 Feb 2018 22:06

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	149	Resp:	315481
Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.8	11.6
104	6.0	3.9	5.9#



#74

Fluoranthene

Concen: 3.72 ng

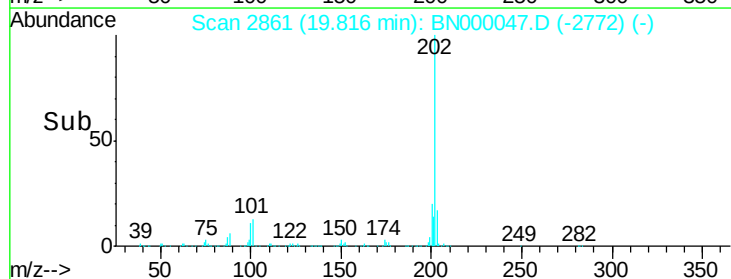
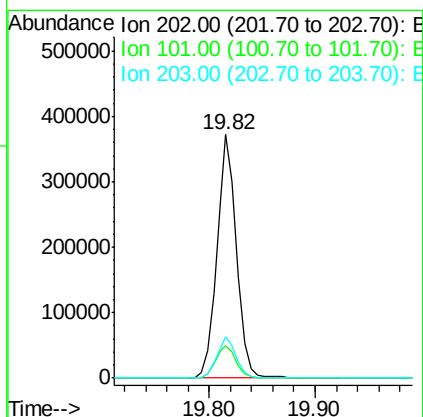
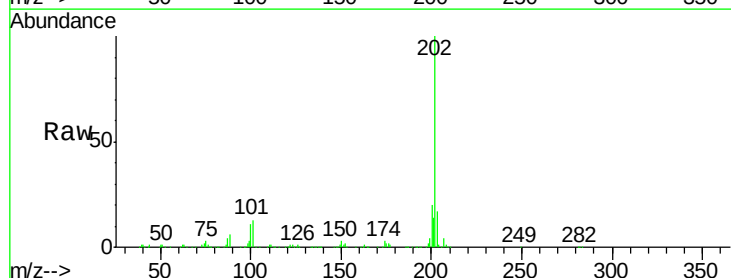
RT: 19.82 min Scan# 2861

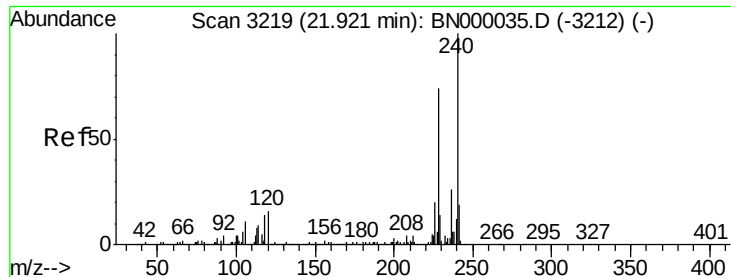
Delta R.T. -0.01 min

Lab File: BN000047.D

Acq: 07 Feb 2018 22:06

Tgt Ion:	202	Resp:	483131
Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	28.9
203	17.2	0.0	37.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.92 min Scan# 3218

Delta R.T. -0.01 min

Lab File: BN000047.D

Acq: 07 Feb 2018 22:06

Instrument :

BNA_N

ClientSampled :

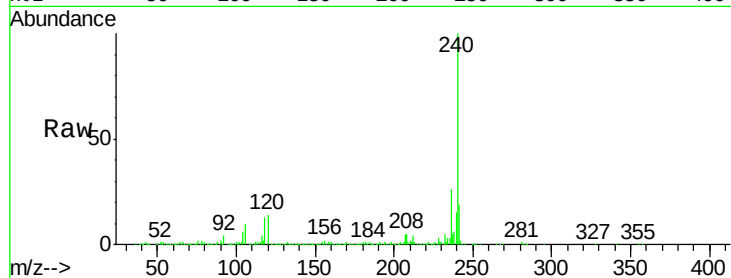
Tot Ion:240 Resp: 2415619

Ion Ratio Lower Upper

240 100

120 14.3 6.8 10.2#

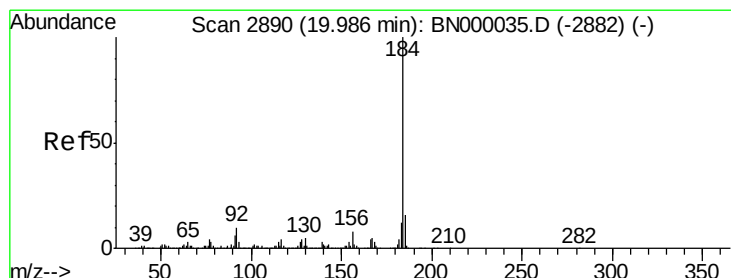
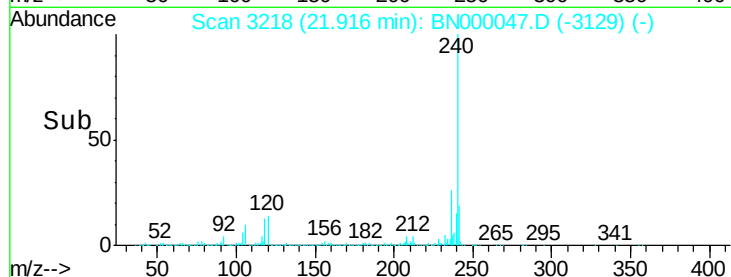
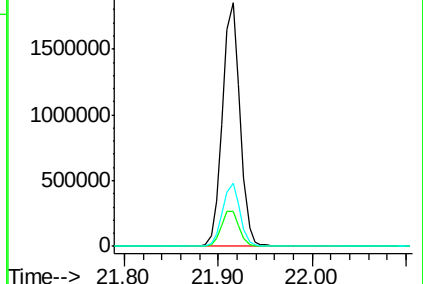
236 26.1 20.9 31.3



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



#76

Benzidine

Concen: 1.16 ng

RT: 19.98 min Scan# 2889

Delta R.T. -0.01 min

Lab File: BN000047.D

Acq: 07 Feb 2018 22:06

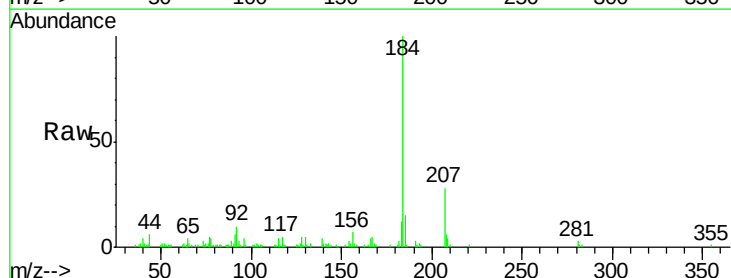
Tgt Ion:184 Resp: 88964

Ion Ratio Lower Upper

184 100

185 15.5 11.1 16.7

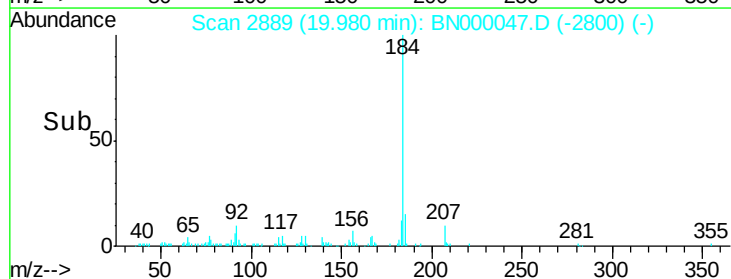
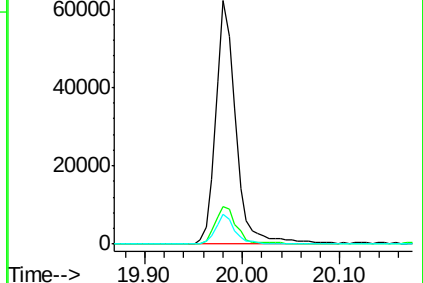
183 12.3 10.6 16.0

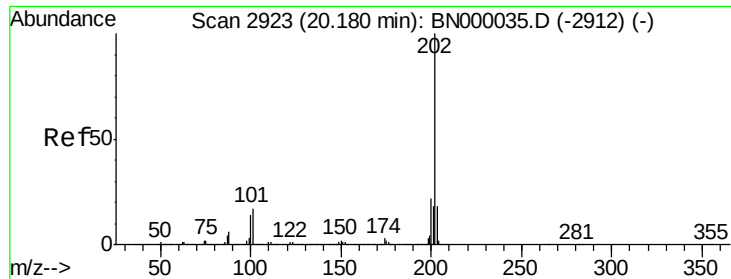


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

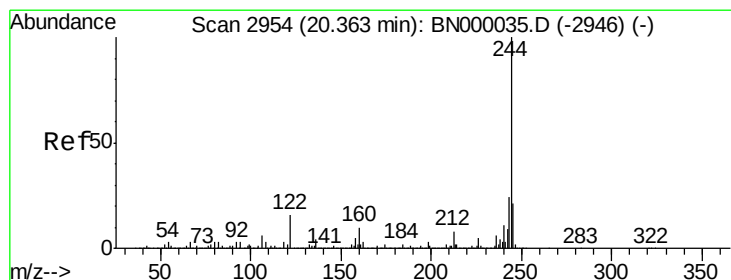
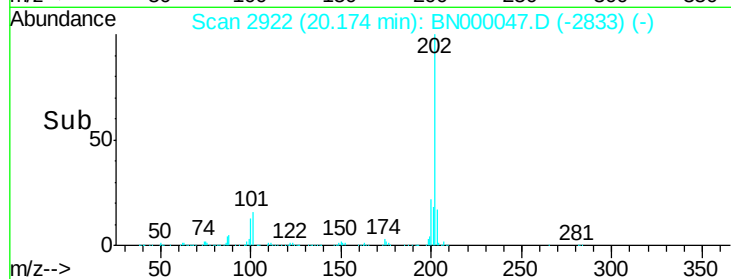
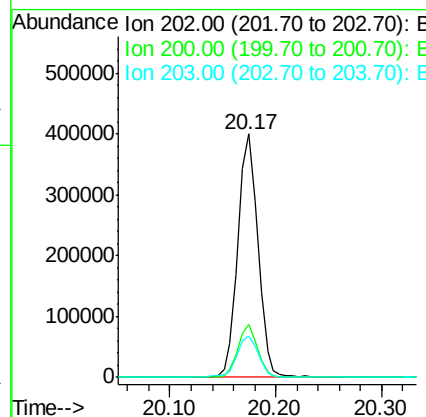
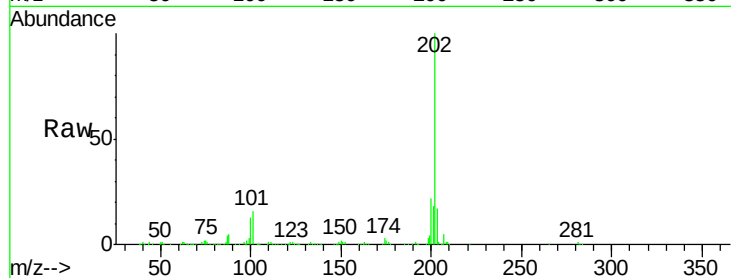




#77
Pvrene
Concen: 3.42 ng
RT: 20.17 min Scan# 2922
Delta R.T. -0.01 min
Lab File: BN000047.D
Acq: 07 Feb 2018 22:06

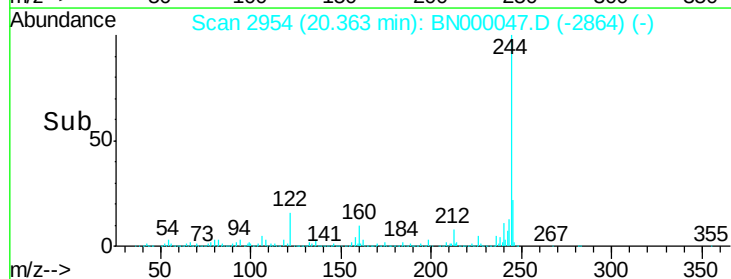
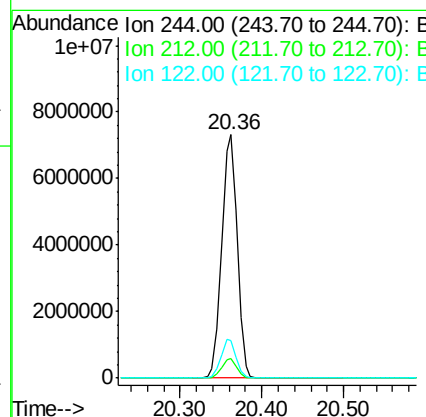
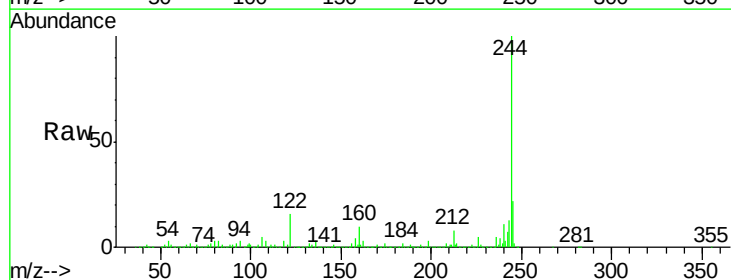
Instrument :
BNA_N
ClientSampled :

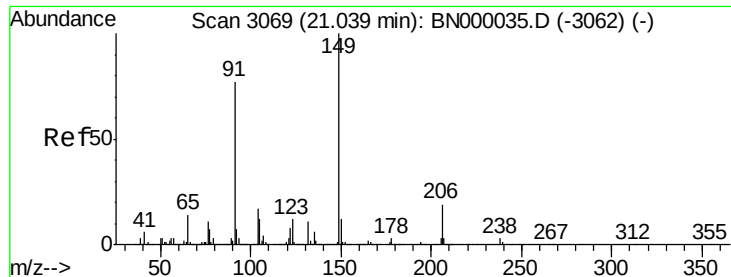
Tot Ion:202 Resp: 525641
Ion Ratio Lower Upper
202 100
200 21.6 16.9 25.3
203 17.1 13.9 20.9



#78
Terphenyl-d14
Concen: 108.43 ng
RT: 20.36 min Scan# 2954
Delta R.T. 0.00 min
Lab File: BN000047.D
Acq: 07 Feb 2018 22:06

Tgt Ion:244 Resp: 9700297
Ion Ratio Lower Upper
244 100
212 8.3 5.8 8.8
122 15.6 7.0 10.4#

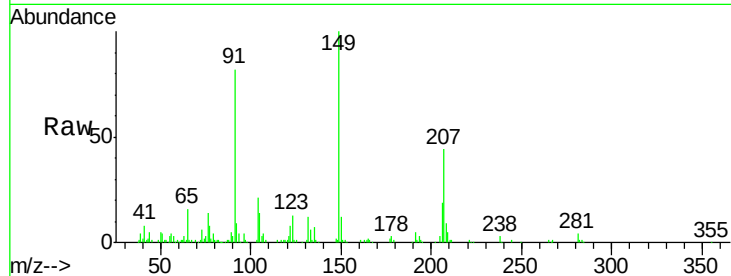




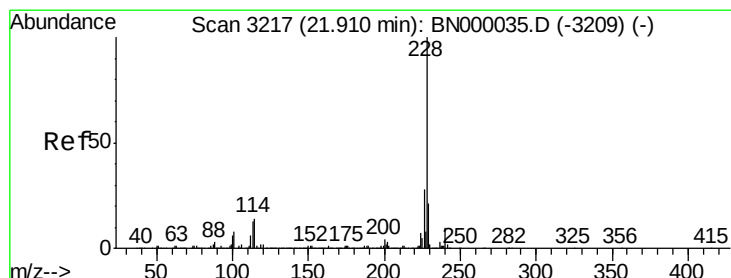
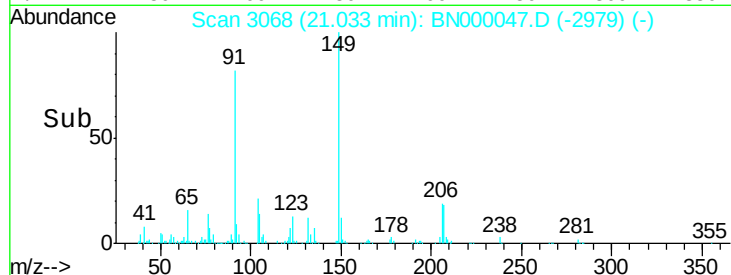
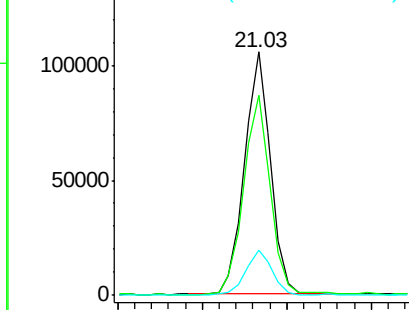
#79
Butylbenzylphthalate
Concen: 6.76 ng
RT: 21.03 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BN000047.D
Acq: 07 Feb 2018 22:06

Instrument :
BNA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
91	82.2	62.2	93.2
206	18.7	18.6	27.8

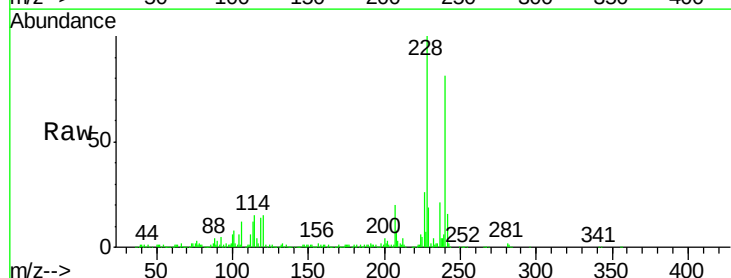


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BNA_N
Ion 206.00 (205.70 to 206.70): E

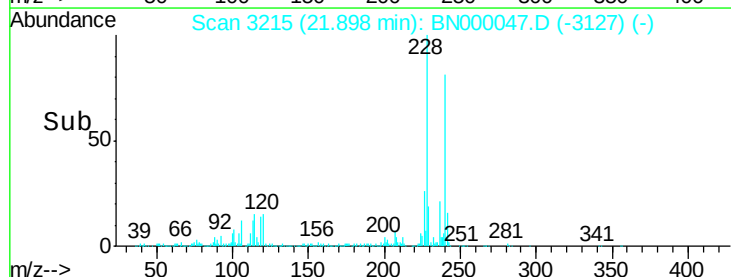
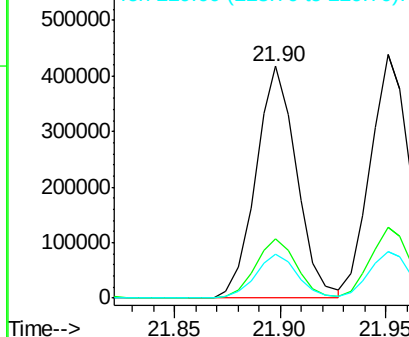


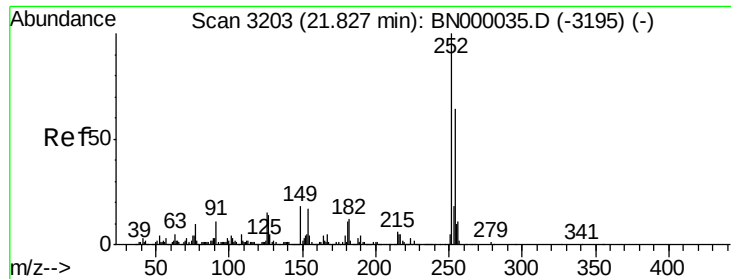
#80
Benzo(a)anthracene
Concen: 3.78 ng
RT: 21.90 min Scan# 3215
Delta R.T. -0.01 min
Lab File: BN000047.D
Acq: 07 Feb 2018 22:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.7	22.7	34.1
229	19.2	16.2	24.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

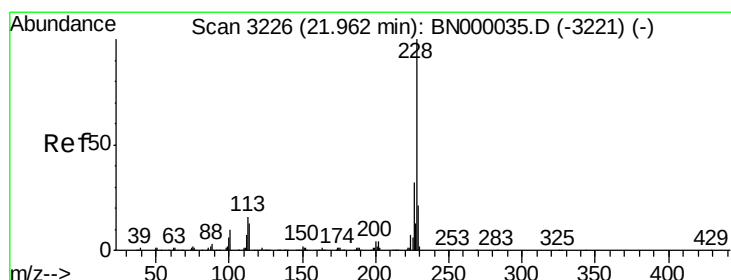
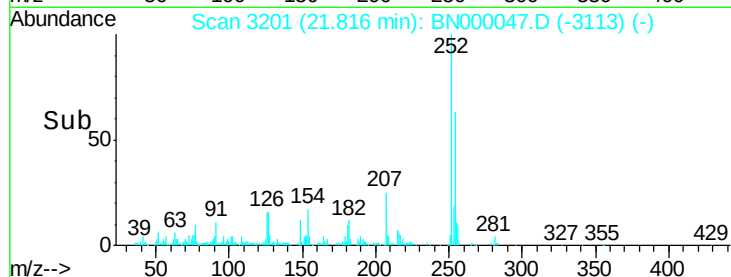
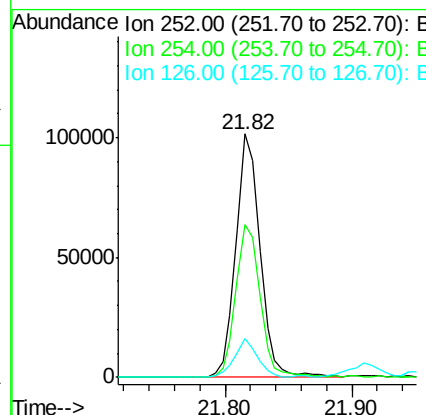
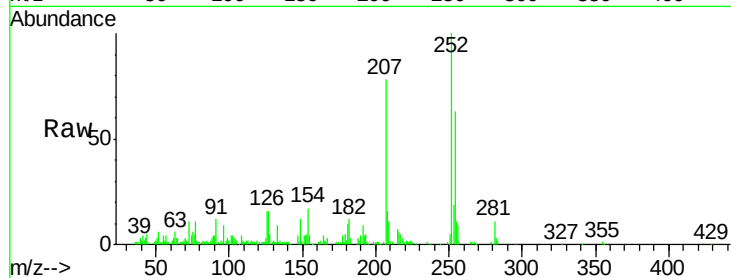




#81
 3,3'-Dichlorobenzidine
 Concen: 2.47 ng
 RT: 21.82 min Scan# 3201
 Delta R.T. -0.01 min
 Lab File: BN000047.D
 Acq: 07 Feb 2018 22:06

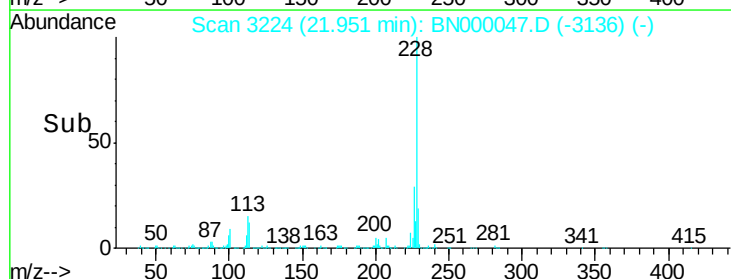
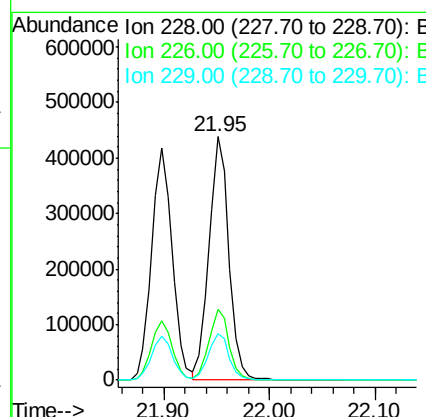
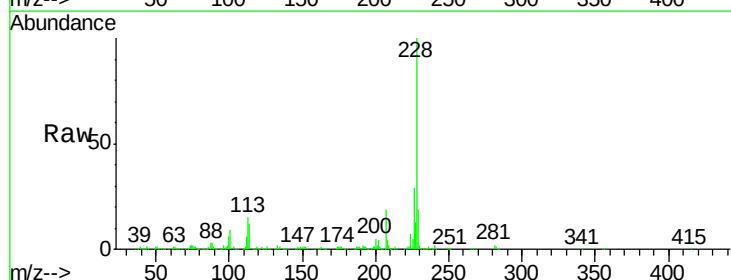
Instrument :
 BNA_N
 ClientSampled :

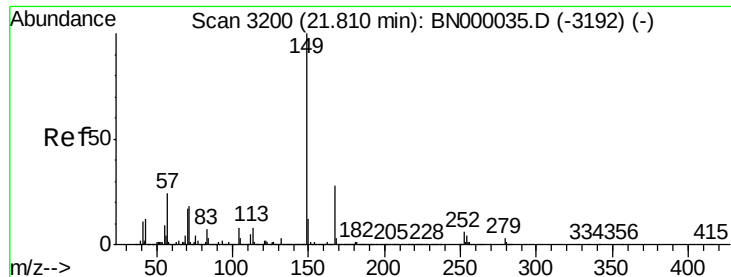
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.7	50.8	76.2
126	16.0	7.4	11.2



#82
 Chrysene
 Concen: 3.91 ng
 RT: 21.95 min Scan# 3224
 Delta R.T. -0.01 min
 Lab File: BN000047.D
 Acq: 07 Feb 2018 22:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.9	37.3
229	19.3	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 4.43 ng

RT: 21.80 min Scan# 3198

Delta R.T. -0.01 min

Lab File: BN000047.D

Acq: 07 Feb 2018 22:06

Instrument :

BNA_N

ClientSampleId :

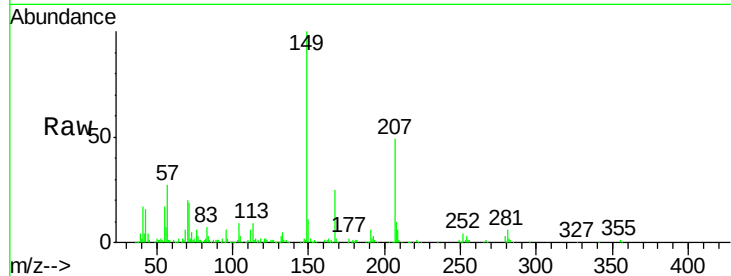
Tot Ion:149 Resp: 176176

Ion Ratio Lower Upper

149 100

167 25.3 24.3 36.5

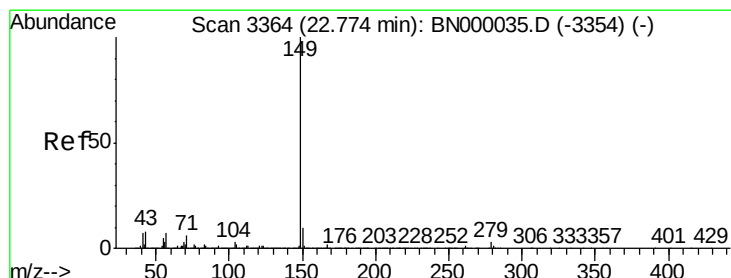
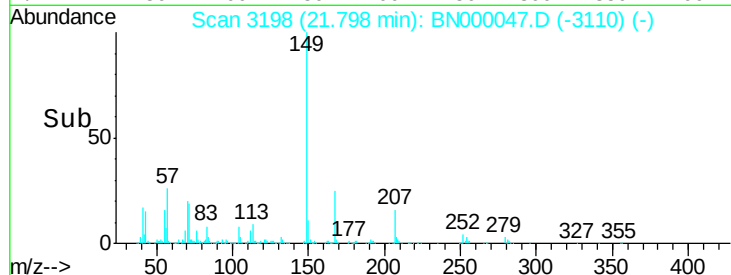
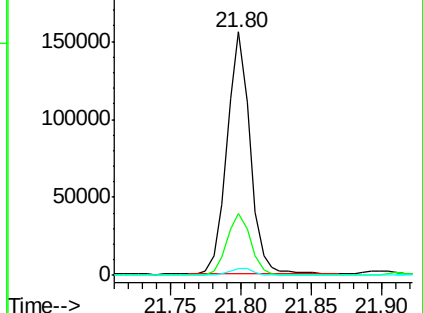
279 2.8 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 7.83 ng

RT: 22.76 min Scan# 3361

Delta R.T. -0.02 min

Lab File: BN000047.D

Acq: 07 Feb 2018 22:06

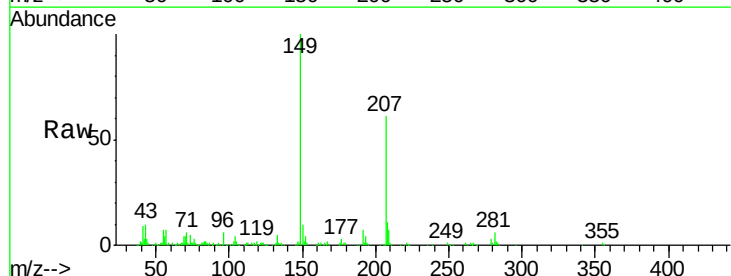
Tgt Ion:149 Resp: 265484

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

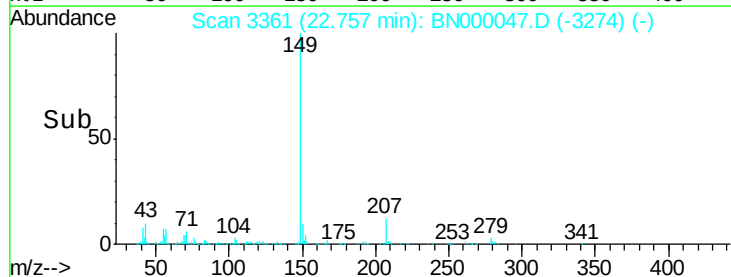
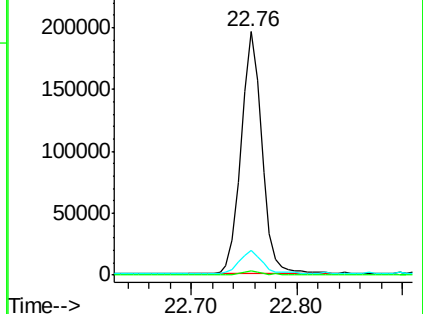
43 10.9 8.9 13.3

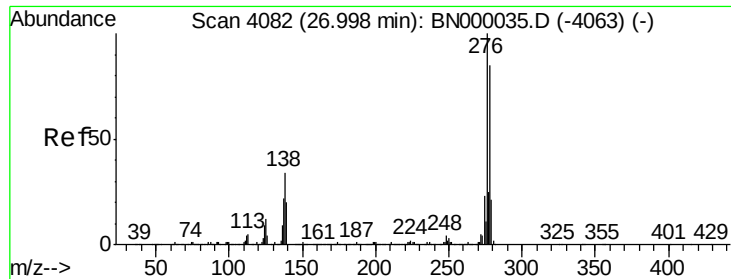


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC

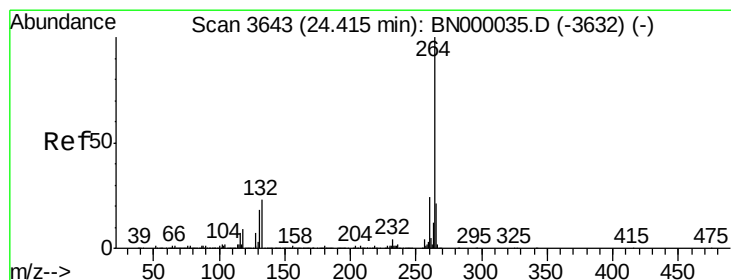
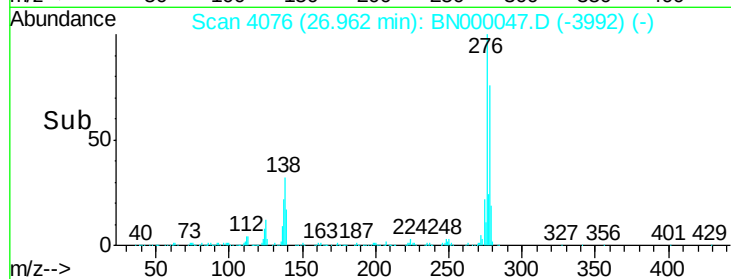
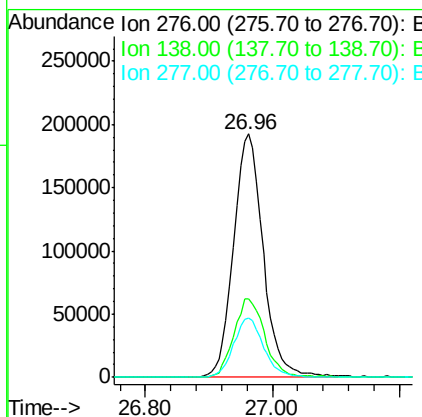
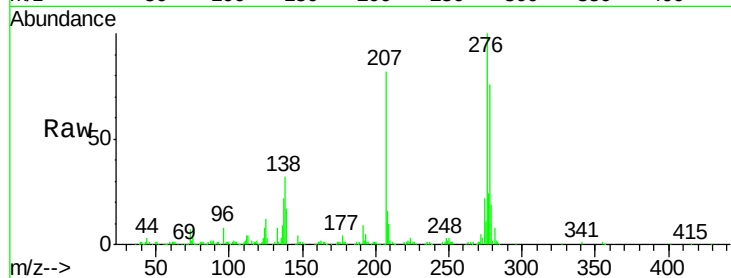




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.41 ng
 RT: 26.96 min Scan# 4076
 Delta R.T. -0.04 min
 Lab File: BN000047.D
 Acq: 07 Feb 2018 22:06

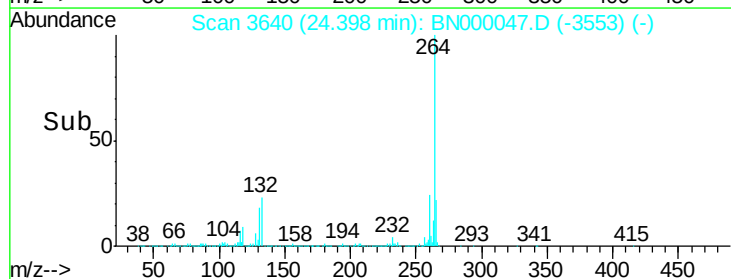
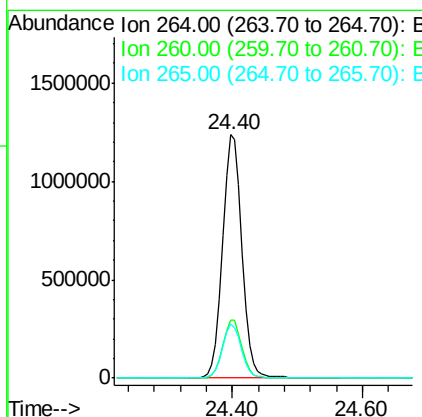
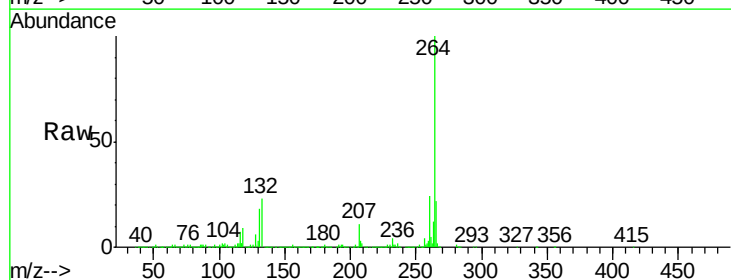
Instrument :
 BNA_N
 ClientSampled :

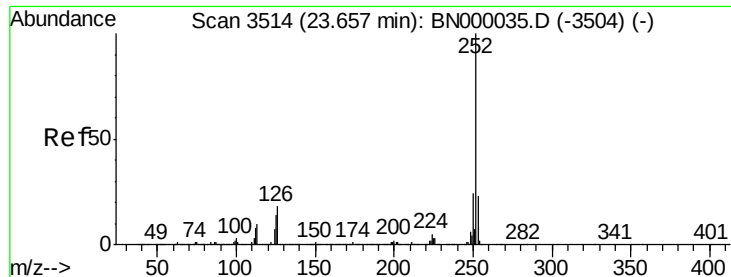
Tot Ion:276 Resp: 620676
 Ion Ratio Lower Upper
 276 100
 138 33.5 16.0 24.0#
 277 24.9 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.40 min Scan# 3640
 Delta R.T. -0.02 min
 Lab File: BN000047.D
 Acq: 07 Feb 2018 22:06

Tgt Ion:264 Resp: 2547821
 Ion Ratio Lower Upper
 264 100
 260 23.9 17.4 26.0
 265 22.0 17.7 26.5

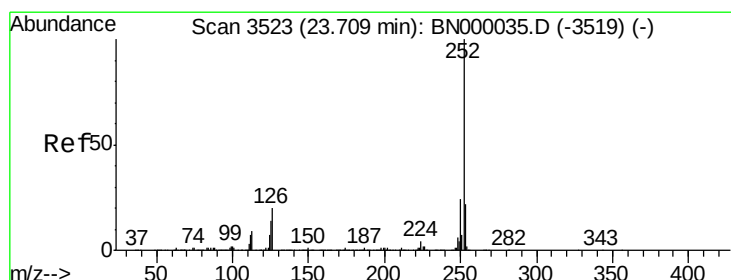
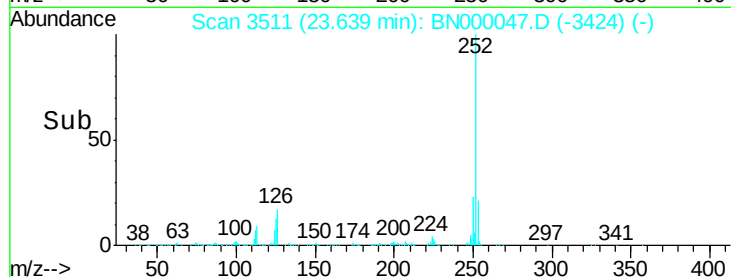
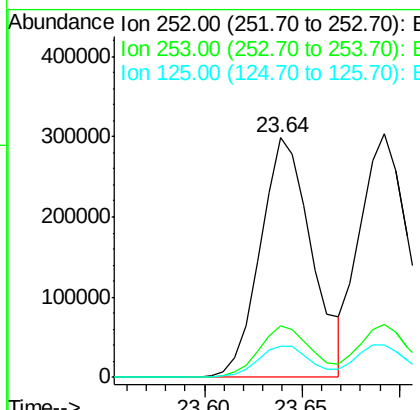
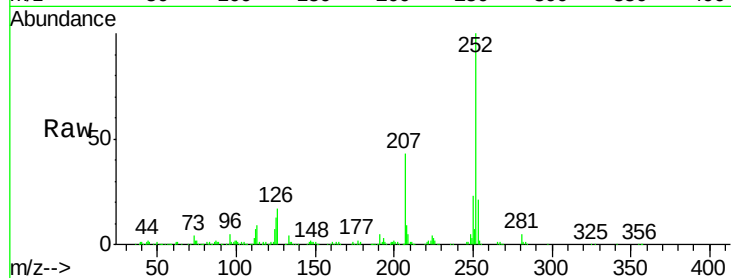




#87
Benzo(b)fluoranthene
Concen: 3.67 ng
RT: 23.64 min Scan# 3511
Delta R.T. -0.02 min
Lab File: BN000047.D
Acq: 07 Feb 2018 22:06

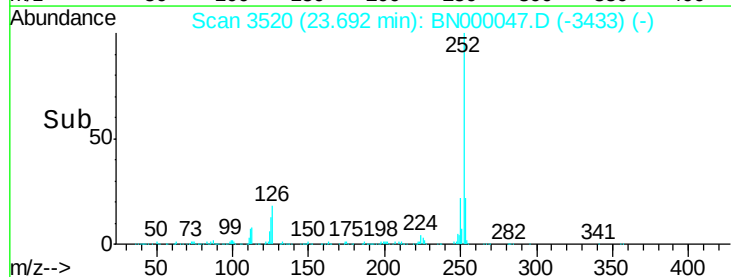
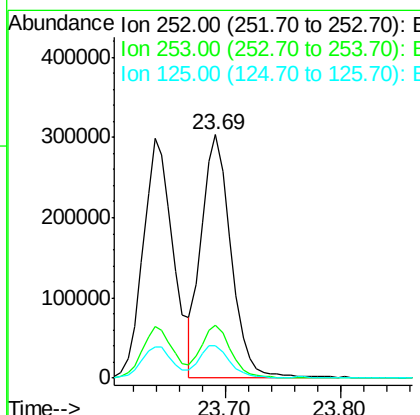
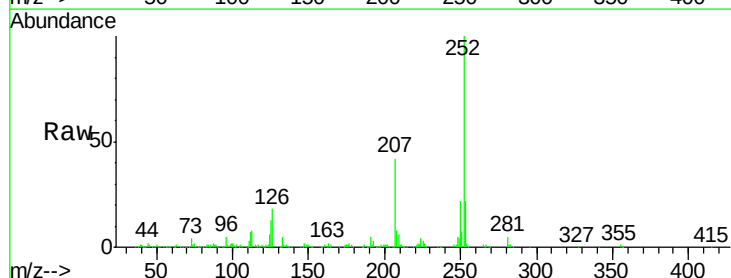
Instrument :
BNA_N
ClientSampleId :

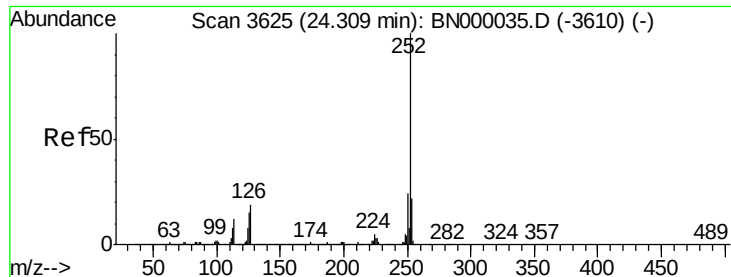
Tot Ion:252 Resp: 546861
Ion Ratio Lower Upper
252 100
253 21.5 18.2 27.4
125 13.2 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 3.60 ng
RT: 23.69 min Scan# 3520
Delta R.T. -0.02 min
Lab File: BN000047.D
Acq: 07 Feb 2018 22:06

Tgt Ion:252 Resp: 540163
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 13.3 6.6 9.8#

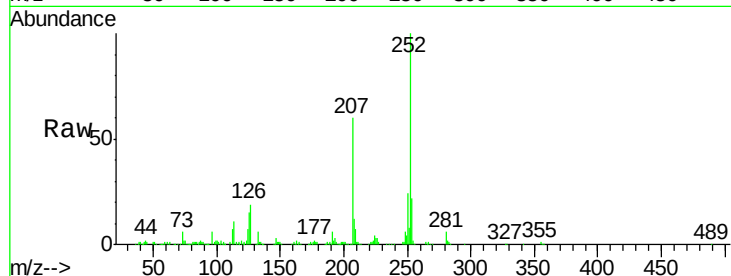




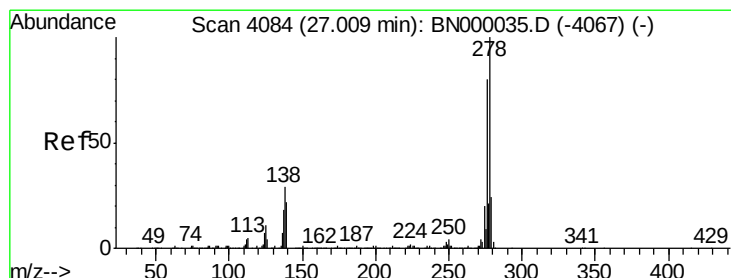
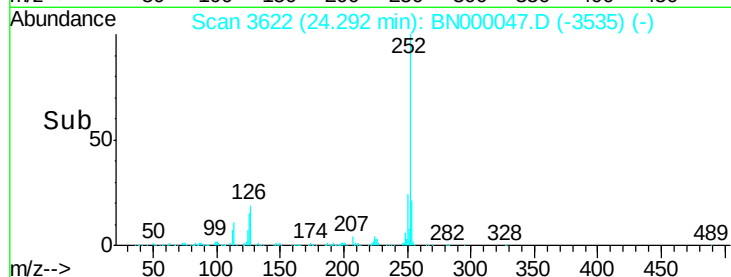
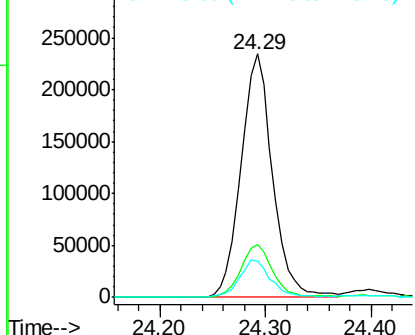
#89
Benzo(a)pyrene
Concen: 3.40 ng
RT: 24.29 min Scan# 3622
Delta R.T. -0.02 min
Lab File: BN000047.D
Acq: 07 Feb 2018 22:06

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 486064
Ion Ratio Lower Upper
252 100
253 21.7 18.3 27.5
125 14.7 7.3 10.9#

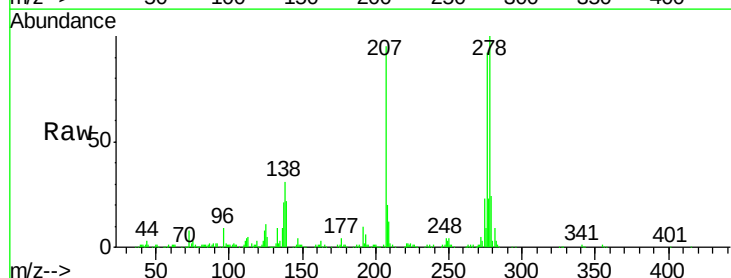


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

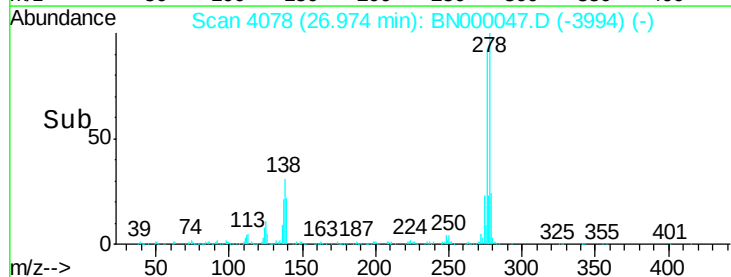
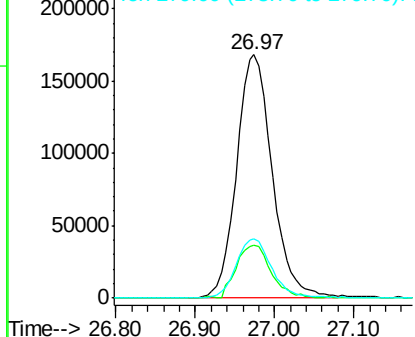


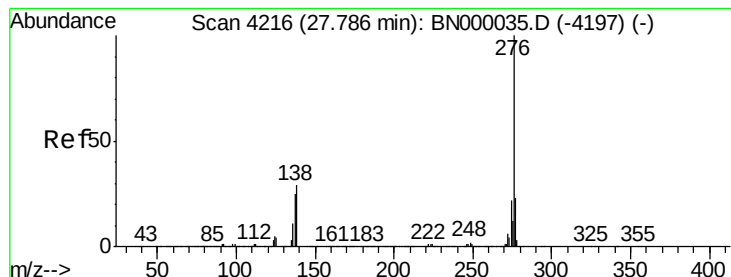
#90
Dibenzo(a,h)anthracene
Concen: 3.51 ng
RT: 26.97 min Scan# 4078
Delta R.T. -0.04 min
Lab File: BN000047.D
Acq: 07 Feb 2018 22:06

Tgt Ion:278 Resp: 524609
Ion Ratio Lower Upper
278 100
139 21.9 9.8 14.6#
279 24.3 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

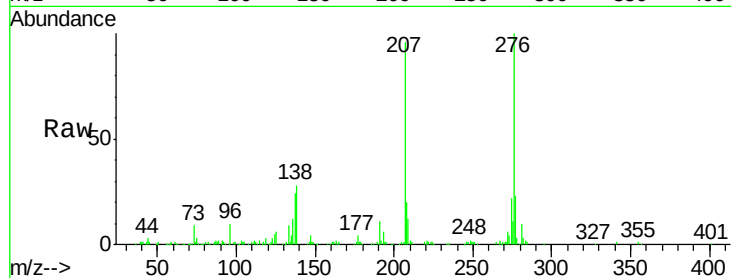




#91
 Benzo(a,h,i)perylene
 Concen: 3.47 ng
 RT: 27.74 min Scan# 4209
 Delta R.T. -0.04 min
 Lab File: BN000047.D
 Acq: 07 Feb 2018 22:06

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.3	27.5
138	27.7	13.9	20.9



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

