

Data Path : Z:\HPCHEM1\BNA N\DATA\BN020718\
 Data File : BN000033.D
 Acq On : 07 Feb 2018 12:05
 Operator : JU/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC010

Quant Time: Feb 07 14:12:15 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 14:04:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	305912	20.00	ng	0.00
21) Naphthalene-d8	11.31	136	1536852	20.00	ng	0.00
38) Acenaphthene-d10	15.08	164	941289	20.00	ng	0.00
63) Phenanthrene-d10	17.80	188	2091964	20.00	ng	0.00
75) Chrysene-d12	21.93	240	2340933	20.00	ng	0.00
86) Perylene-d12	24.42	264	2504758	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.95	112	342014	16.48	ng	0.00
7) Phenol-d6	7.59	99	521367	16.54	ng	0.00
23) Nitrobenzene-d5	9.65	82	449281	17.68	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	148918	15.74	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	1388723	19.76	ng	0.00
78) Terphenyl-d14	20.37	244	1852405	20.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.66	88	75875	9.244	ng	95
3) Pyridine	4.12	79	216638	8.703	ng	97
4) n-Nitrosodimethylamine	4.01	42	61608	8.412	ng	99
6) Aniline	7.78	93	361603	8.417	ng	91
8) 2-Chlorophenol	8.02	128	203370	8.860	ng	88
9) Benzaldehyde	7.59	77	178219	11.075	ng	89
10) Phenol	7.62	94	280722	8.714	ng	84
11) bis(2-Chloroethyl)ether	7.87	93	236873	9.217	ng	# 83
12) 1,3-Dichlorobenzene	8.36	146	244347	9.589	ng	99
13) 1,4-Dichlorobenzene	8.51	146	250548	9.574	ng	95
14) 1,2-Dichlorobenzene	8.83	146	244723	9.465	ng	95
15) Benzyl Alcohol	8.70	79	173224	7.485	ng	91
16) 2,2'-oxybis(1-Chloropropan	9.00	45	253775	9.130	ng	80
17) 2-Methylphenol	8.90	107	188636	8.121	ng	94
18) Hexachloroethane	9.58	117	82418	9.184	ng	# 79
19) n-Nitroso-di-n-propylamine	9.28	70	169437	7.978	ng	# 84
20) 3+4-Methylphenols	9.23	107	266489	8.191	ng	94
22) Acetophenone	9.30	105	415023	9.143	ng	# 88
24) Nitrobenzene	9.69	77	253225	9.289	ng	# 95
25) Isophorone	10.21	82	470897	7.822	ng	97
26) 2-Nitrophenol	10.41	139	66626	7.980	ng	91
27) 2,4-Dimethylphenol	10.45	122	202955	8.222	ng	96
28) bis(2-Chloroethoxy)methane	10.69	93	326309	9.397	ng	97
29) 2,4-Dichlorophenol	10.94	162	171777	8.110	ng	95
30) 1,2,4-Trichlorobenzene	11.17	180	240270	9.688	ng	97
31) Naphthalene	11.36	128	840994	9.757	ng	98
32) Benzoic acid	10.50	122	62272	4.872	ng	84
33) 4-Chloroaniline	11.46	127	346100	8.661	ng	94
34) Hexachlorobutadiene	11.64	225	125458	9.929	ng	97
35) Caprolactam	12.18	113	61420	6.524	ng	98
36) 4-Chloro-3-methylphenol	12.54	107	223125	7.748	ng	94
37) 2-Methylnaphthalene	12.94	142	582341	9.561	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.29	216	270486	9.865	ng	# 96
40) Hexachlorocyclopentadiene	13.27	237	88878	9.705	ng	90

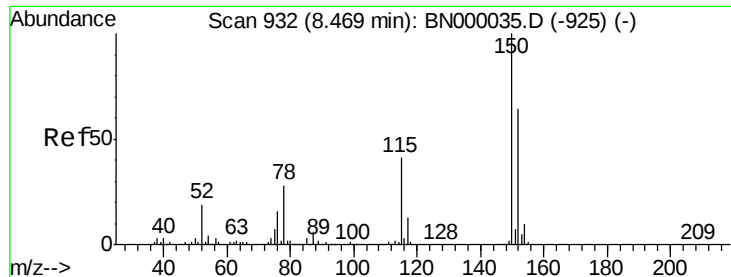
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.52	196	124332	7.672	nq	99
43) 2,4,5-Trichlorophenol	13.59	196	161113	8.442	nq	# 92
45) 1,1'-Biphenyl	13.92	154	835125	9.930	nq	97
46) 2-Chloronaphthalene	13.97	162	608938	9.644	nq	96
47) 2-Nitroaniline	14.16	65	112503	7.545	nq	86
48) Acenaphthylene	14.81	152	979772	9.241	nq	97
49) Dimethylphthalate	14.52	163	768808	9.139	nq	99
50) 2,6-Dinitrotoluene	14.64	165	126451	8.424	nq	92
51) Acenaphthene	15.15	154	643141	9.613	nq	98
52) 3-Nitroaniline	14.96	138	157714	8.571	nq	# 91
53) 2,4-Dinitrophenol	15.16	184	26641	7.718	nq	84
54) Dibenzofuran	15.47	168	943622	9.829	nq	96
55) 4-Nitrophenol	15.24	139	96483	7.067	nq	90
56) 2,4-Dinitrotoluene	15.42	165	155308	7.932	nq	96
57) Fluorene	16.12	166	776905	9.610	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.69	232	125365	8.066	nq	# 81
59) Diethylphthalate	15.86	149	772485	8.788	nq	97
60) 4-Chlorophenyl-phenylether	16.10	204	346172	9.689	nq	91
61) 4-Nitroaniline	16.11	138	161531	8.236	nq	98
62) Azobenzene	16.39	77	789160	8.984	nq	91
64) 4,6-Dinitro-2-methylphenol	16.17	198	48996	7.587	nq	86
65) n-Nitrosodiphenylamine	16.31	169	657758	9.622	nq	97
66) 4-Bromophenyl-phenylether	16.99	248	188663	9.638	nq	# 85
67) Hexachlorobenzene	17.11	284	229175	10.162	nq	# 89
68) Atrazine	17.23	200	183892	8.825	nq	94
69) Pentachlorophenol	17.45	266	90501	6.700	nq	97
70) Phenanthrene	17.85	178	1262392	10.029	nq	100
71) Anthracene	17.93	178	1180611	9.468	nq	98
72) Carbazole	18.19	167	1209455	9.375	nq	96
73) Di-n-butylphthalate	18.73	149	1110254	7.749	nq	99
74) Fluoranthene	19.83	202	1310640	9.170	nq	94
76) Benzidine	19.99	184	549902	9.280	nq	94
77) Pyrene	20.18	202	1482268	10.037	nq	99
79) Butylbenzylphthalate	21.05	149	403782	6.859	nq	# 96
80) Benzo(a)anthracene	21.92	228	1448446	9.980	nq	98
81) 3,3'-Dichlorobenzidine	21.83	252	442153	9.091	nq	# 97
82) Chrysene	21.97	228	1473490	10.222	nq	98
83) Bis(2-ethylhexyl)phthalate	21.82	149	697070	7.156	nq	# 92
84) Di-n-octyl phthalate	22.78	149	995107	6.312	nq	97
85) Indeno(1,2,3-cd)pyrene	26.99	276	1715134	9.224	nq	# 86
87) Benzo(b)fluoranthene	23.66	252	1407585	9.451	nq	# 96
88) Benzo(k)fluoranthene	23.71	252	1499916	10.045	nq	# 95
89) Benzo(a)pyrene	24.32	252	1342328	9.278	nq	# 94
90) Dibenzo(a,h)anthracene	27.00	278	1455216	9.610	nq	# 92
91) Benzo(g,h,i)perylene	27.77	276	1424639	9.257	nq	# 89

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.47 min Scan# 932

Delta R.T. 0.00 min

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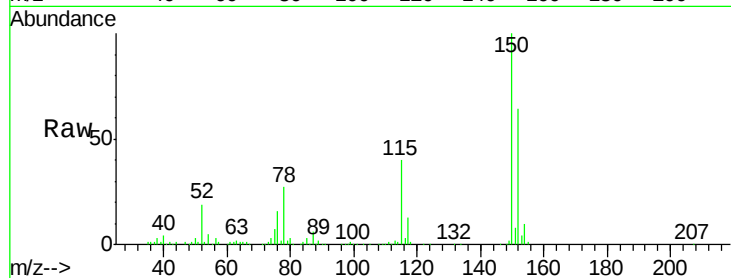
Tot Ion:152 Resp: 305912

Ion Ratio Lower Upper

152 100

150 156.2 126.6 189.8

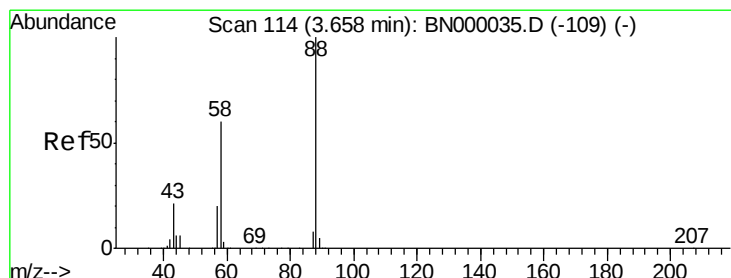
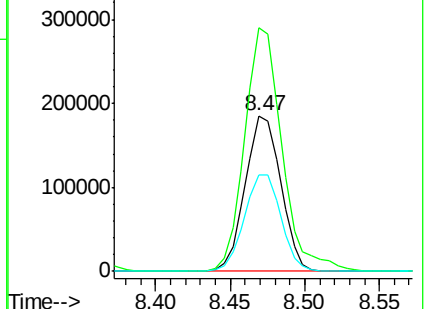
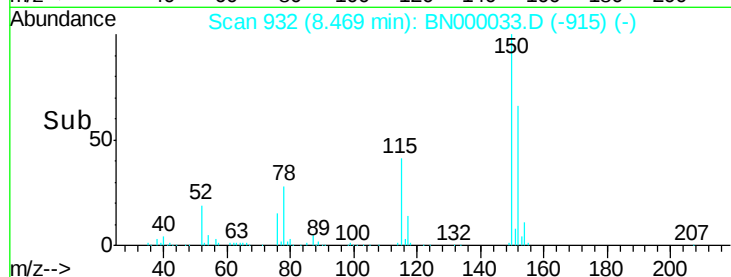
115 62.1 53.0 79.4



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



#2

1,4-Dioxane

Concen: 9.244 ng

RT: 3.66 min Scan# 115

Delta R.T. 0.01 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

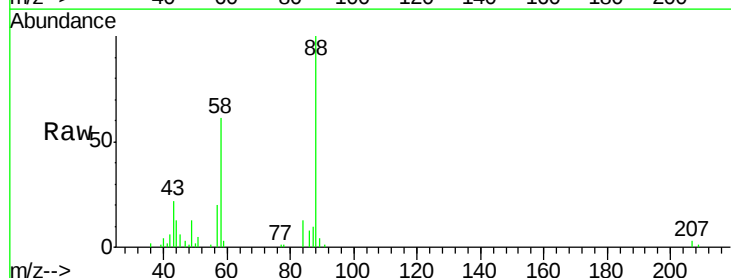
Tgt Ion: 88 Resp: 75875

Ion Ratio Lower Upper

88 100

58 62.4 52.0 78.0

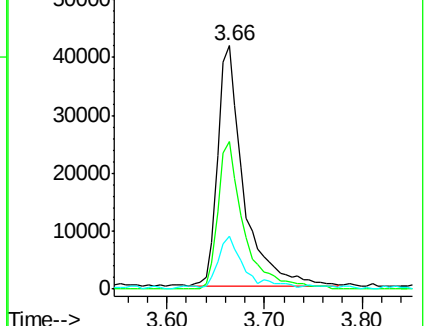
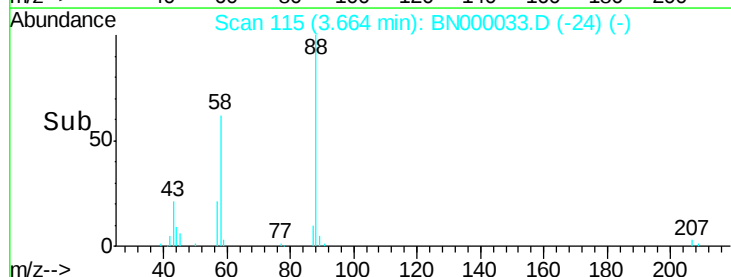
43 20.9 20.0 30.0

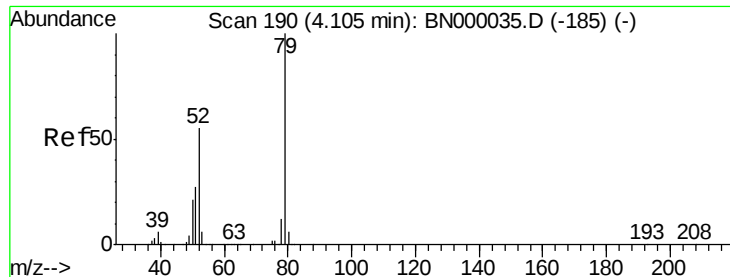


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

Pvridine

Concen: 8.703 ng

RT: 4.12 min Scan# 192

Delta R.T. 0.01 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

Instrument :

BNA_N

ClientSampleId :

SSTDICC010

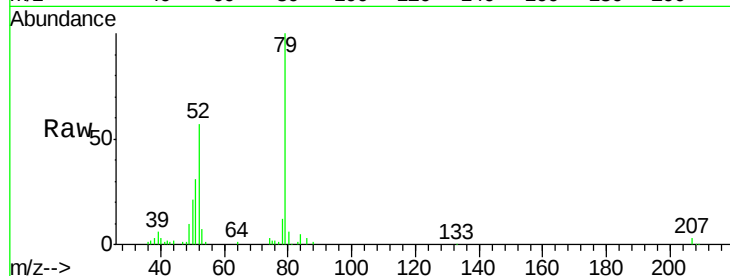
Tot Ion: 79 Resp: 216638

Ion Ratio Lower Upper

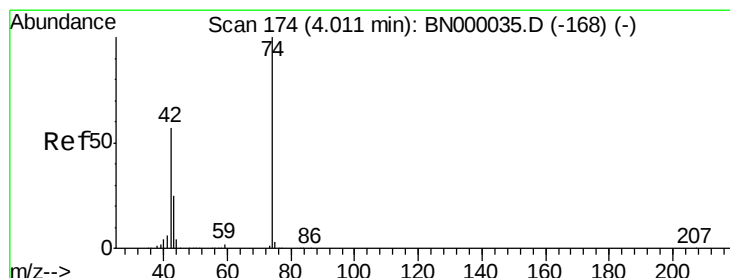
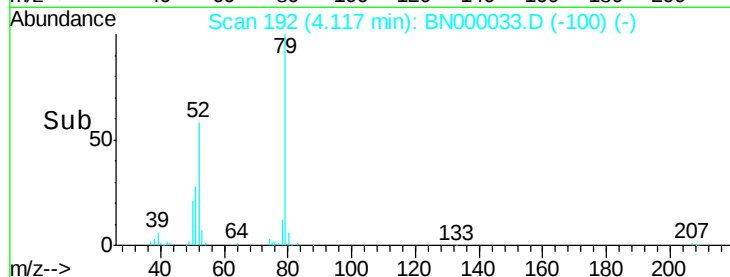
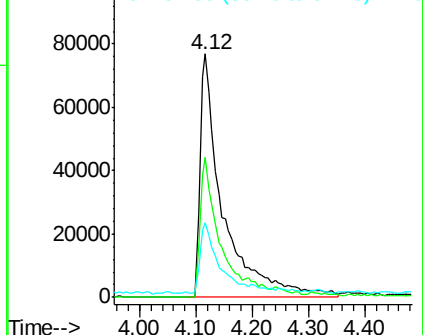
79 100

52 57.4 44.0 66.0

51 30.8 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: 8.412 ng

RT: 4.01 min Scan# 174

Delta R.T. 0.00 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

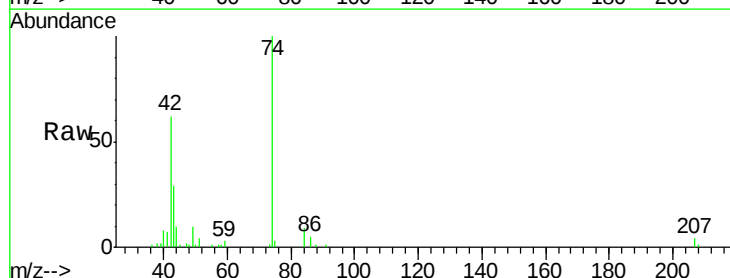
Tgt Ion: 42 Resp: 61608

Ion Ratio Lower Upper

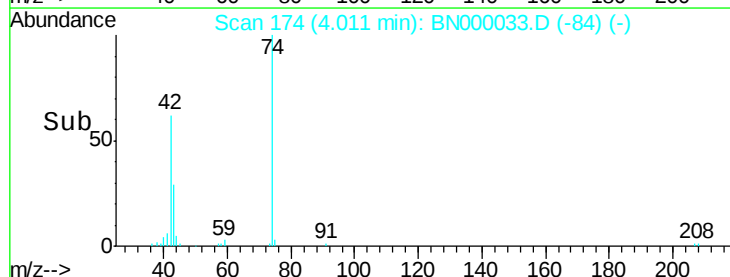
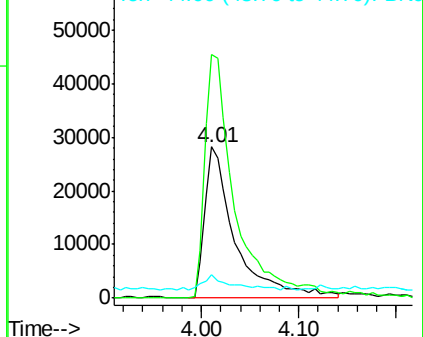
42 100

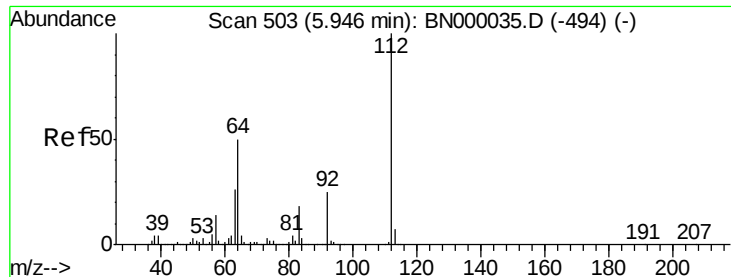
74 161.3 128.0 192.0

44 15.4 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: 16.484 ng

RT: 5.95 min Scan# 503

Delta R.T. 0.00 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

Instrument :

BNA_N

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SSTDIC010

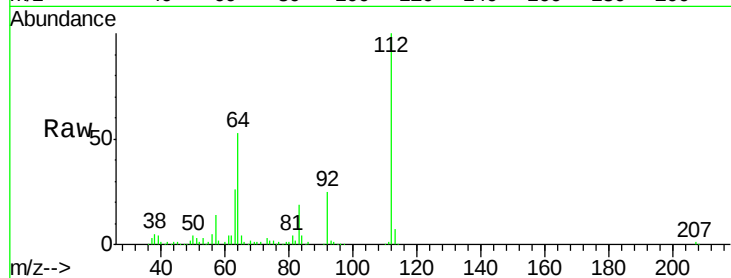
Tot Ion:112 Resp: 342014

Ion Ratio Lower Upper

112 100

64 52.5 56.3 84.5#

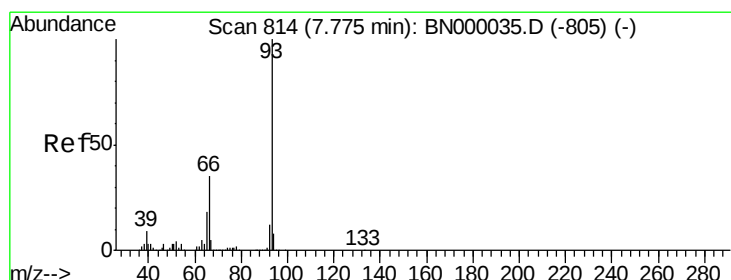
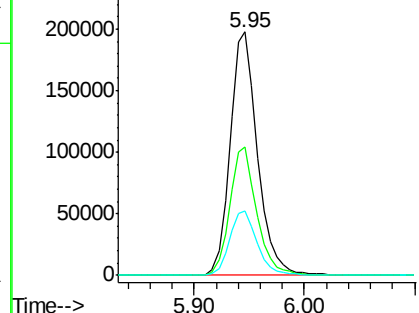
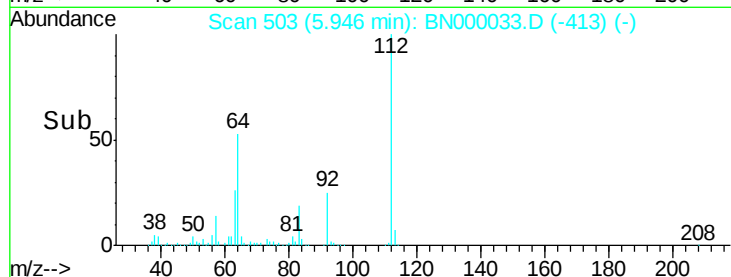
63 26.4 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 8.417 ng

RT: 7.78 min Scan# 814

Delta R.T. 0.00 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

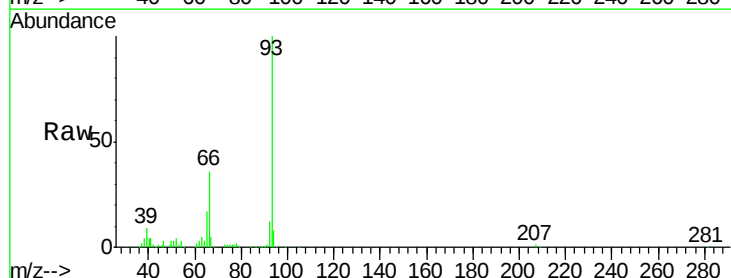
Tgt Ion: 93 Resp: 361603

Ion Ratio Lower Upper

93 100

66 35.7 33.7 50.5

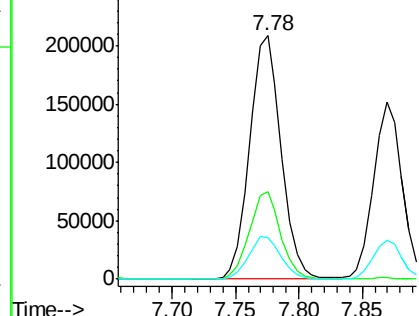
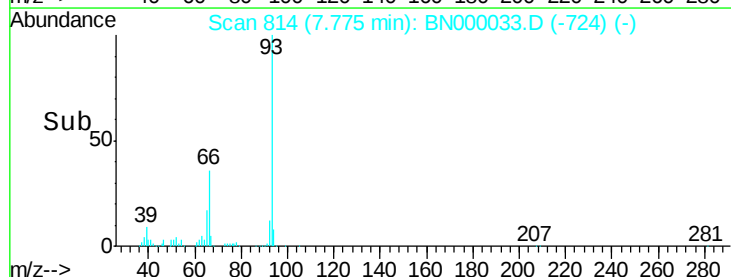
65 17.3 16.1 24.1

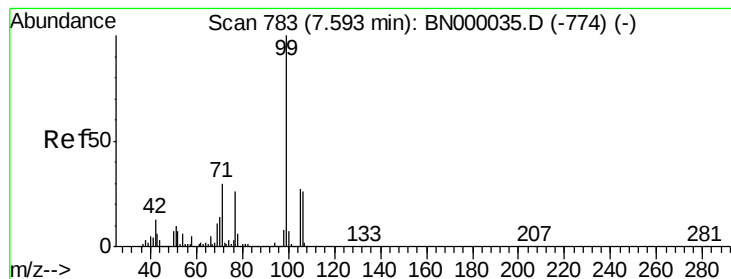


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 16.543 ng

RT: 7.59 min Scan# 782

Delta R.T. -0.01 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

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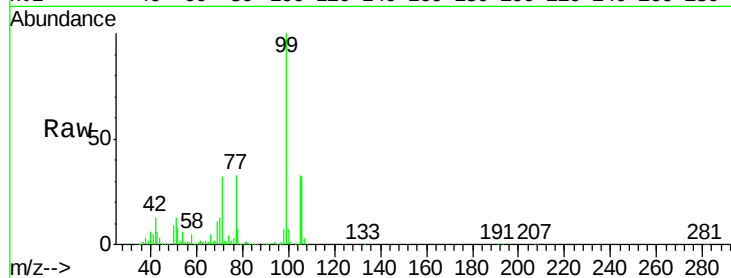
Tot Ion: 99 Resp: 521367

Ion Ratio Lower Upper

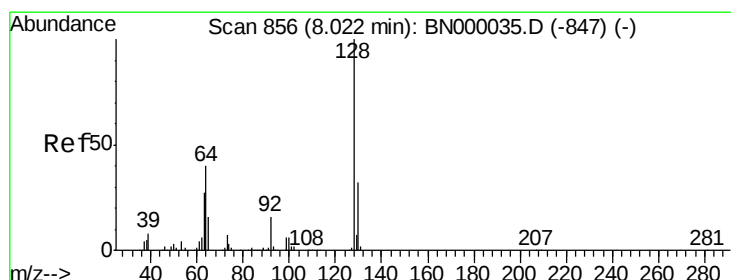
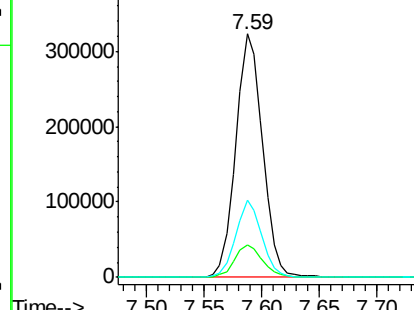
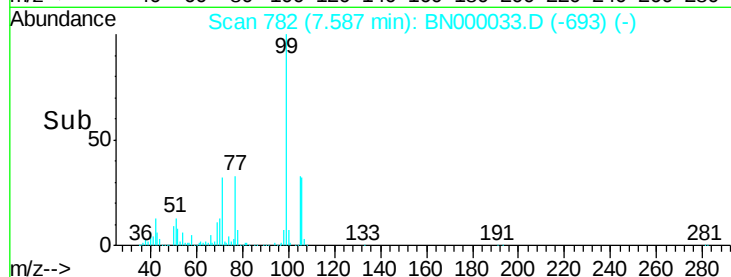
99 100

42 13.5 14.1 21.1#

71 31.8 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0



#8

2-Chlorophenol

Concen: 8.860 ng

RT: 8.02 min Scan# 856

Delta R.T. 0.00 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

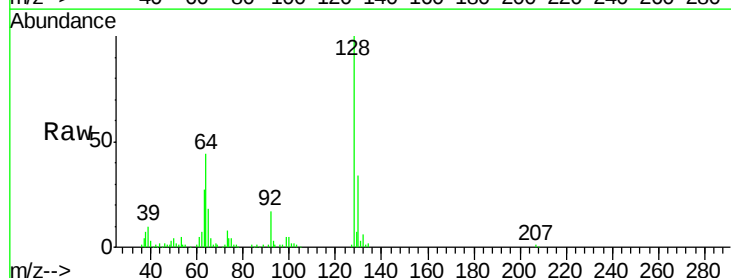
Tgt Ion: 128 Resp: 203370

Ion Ratio Lower Upper

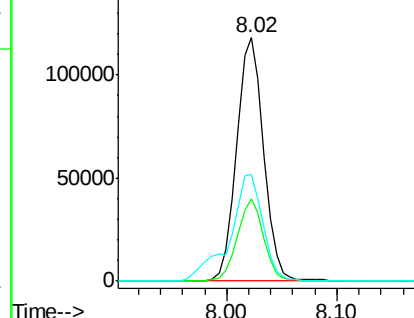
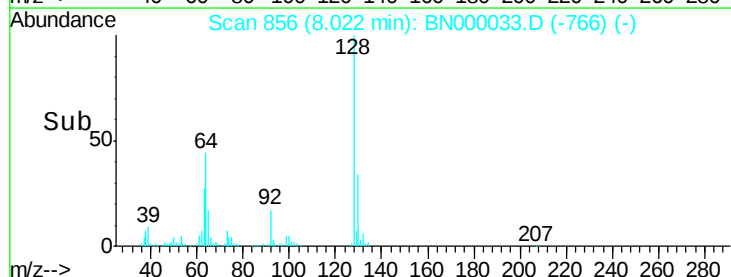
128 100

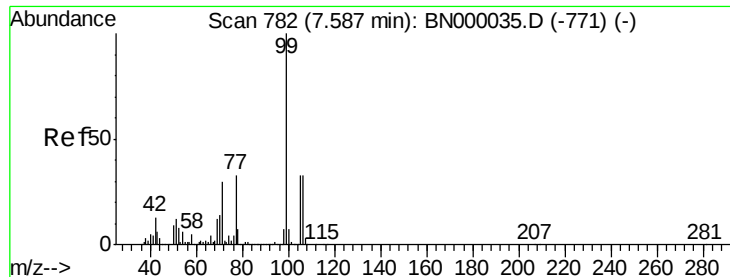
130 33.6 14.0 54.0

64 43.8 37.7 77.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BN0





#9

Benzaldehyde

Concen: 11.075 ng

RT: 7.59 min Scan# 782

Delta R.T. 0.00 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

Instrument :

BNA_N

ClientSampled :

SSTDIC010

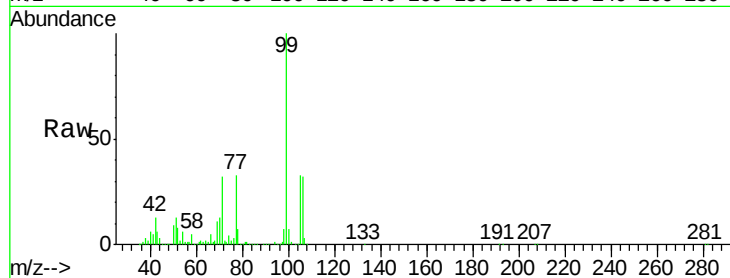
Tot Ion: 77 Resp: 178219

Ion Ratio Lower Upper

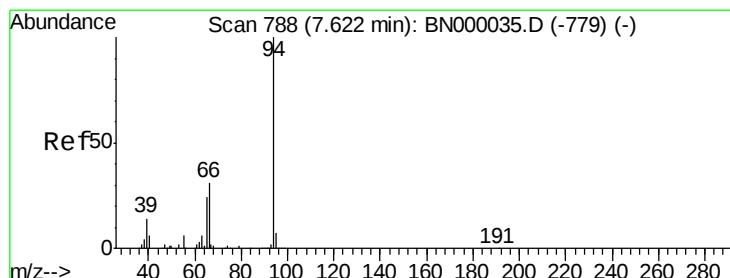
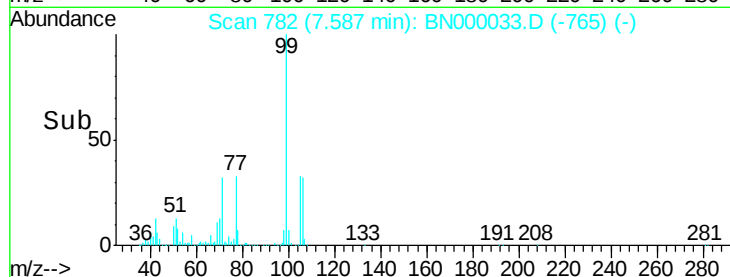
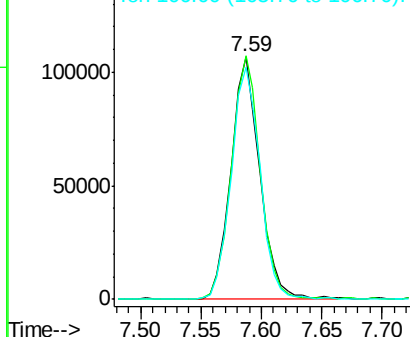
77 100

105 100.4 71.3 111.3

106 95.5 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: 8.714 ng

RT: 7.62 min Scan# 787

Delta R.T. -0.01 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

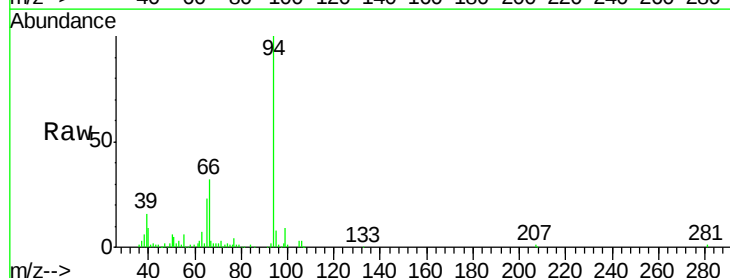
Tgt Ion: 94 Resp: 280722

Ion Ratio Lower Upper

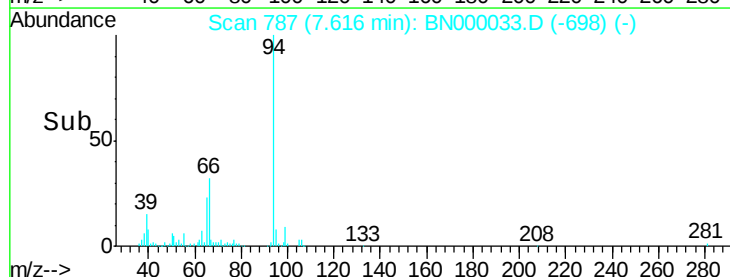
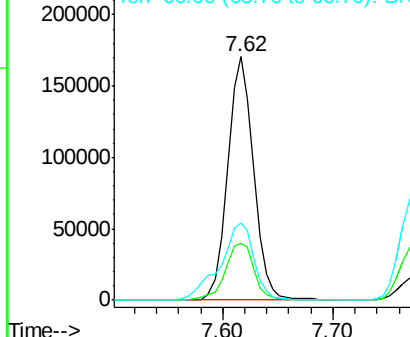
94 100

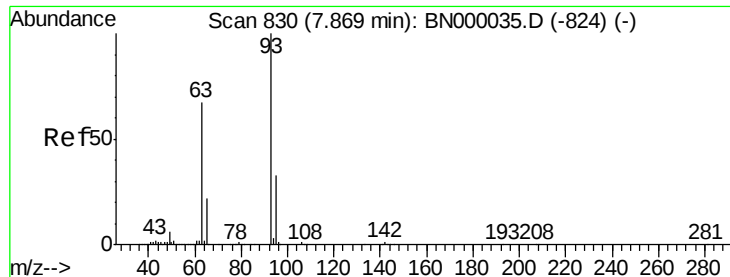
65 23.3 11.9 51.9

66 31.6 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

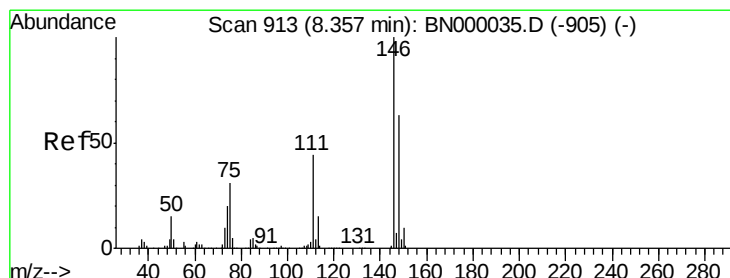
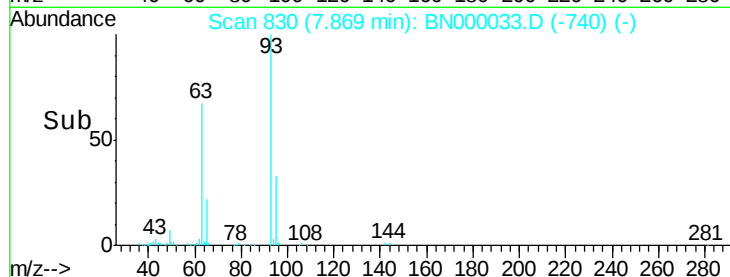
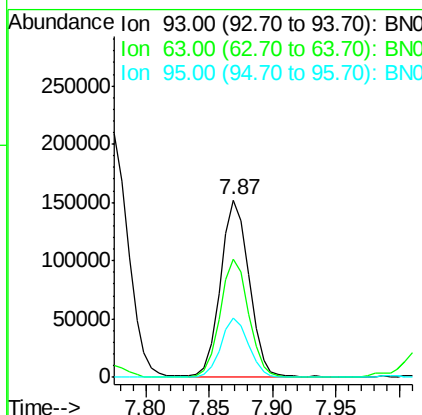
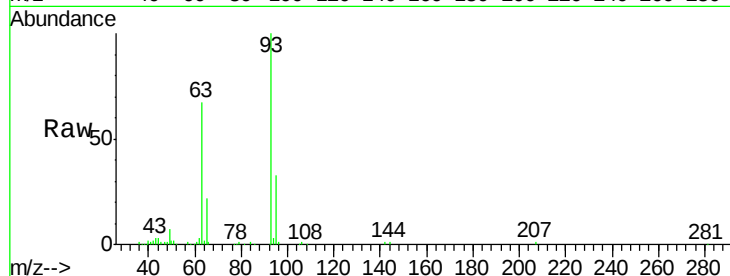




#11
bis(2-Chloroethyl)ether
Concen: 9.217 ng
RT: 7.87 min Scan# 830
Delta R.T. 0.00 min
Lab File: BN000033.D
Acq: 07 Feb 2018 12:05

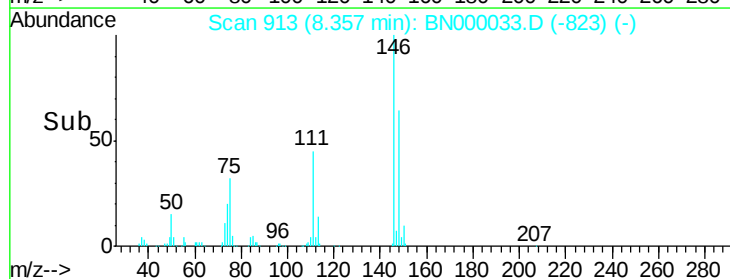
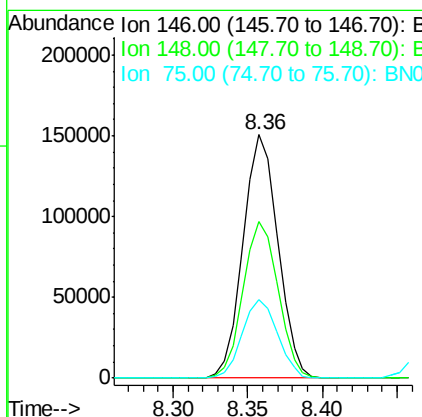
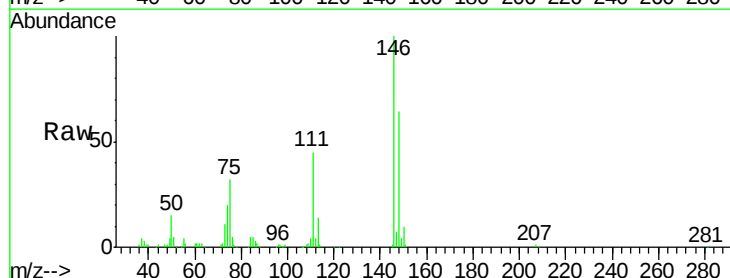
Instrument :
BNA_N
ClientSampleId :
SSTDICC010

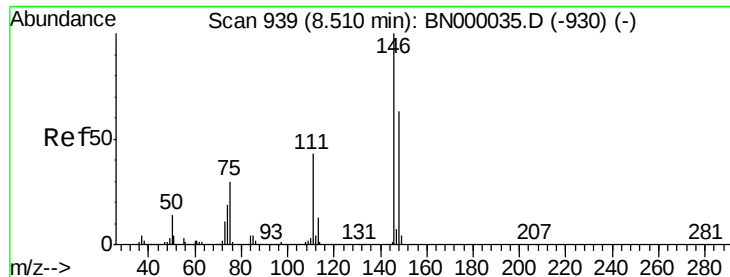
Tot Ion	93	Resp	236873
Ion Ratio	Lower	Upper	
93	100		
63	66.8	67.1	107.1#
95	33.2	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 9.589 ng
RT: 8.36 min Scan# 913
Delta R.T. 0.00 min
Lab File: BN000033.D
Acq: 07 Feb 2018 12:05

Tgt Ion	146	Resp	244347
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.4	77.2
75	32.3	26.6	39.8

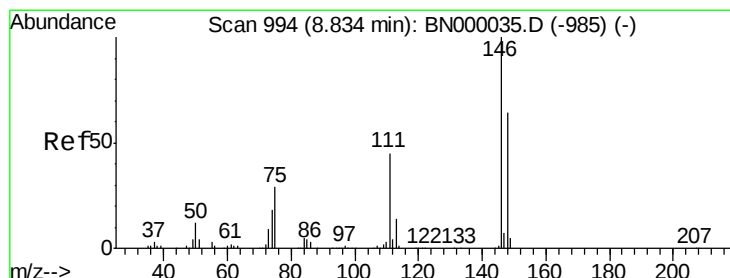
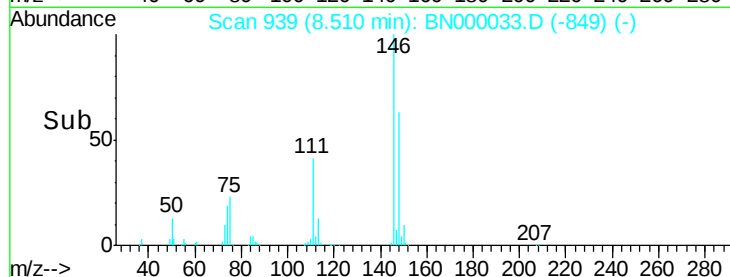
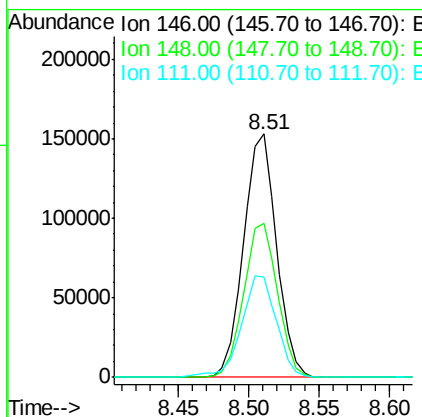
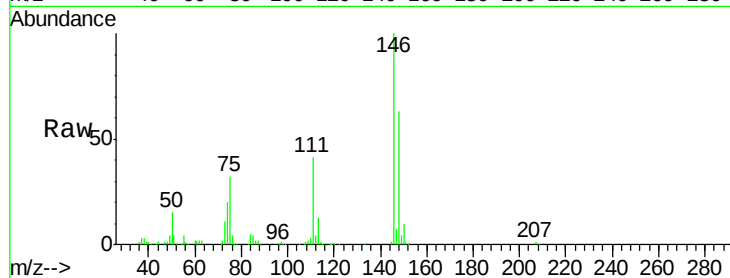




#13
 1,4-Dichlorobenzene
 Concen: 9.574 ng
 RT: 8.51 min Scan# 939
 Delta R.T. 0.00 min
 Lab File: BN000033.D
 Acq: 07 Feb 2018 12:05

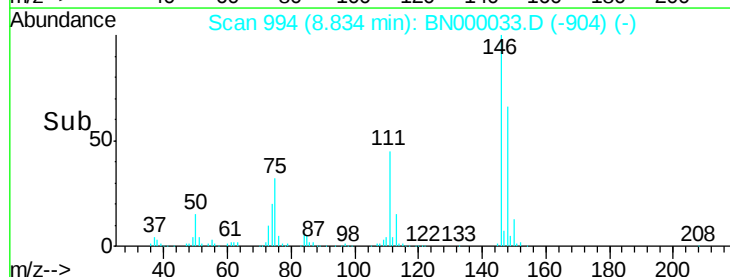
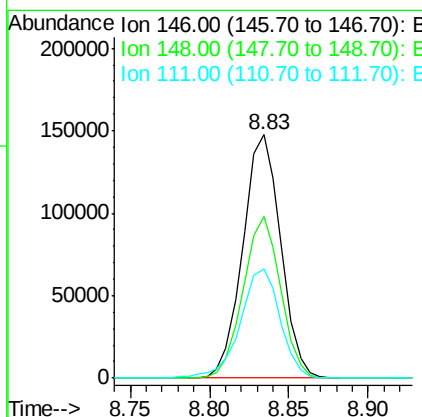
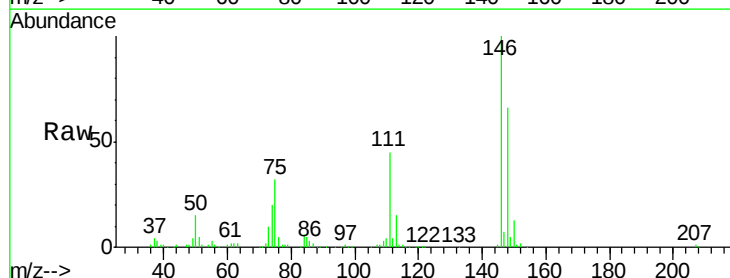
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC010

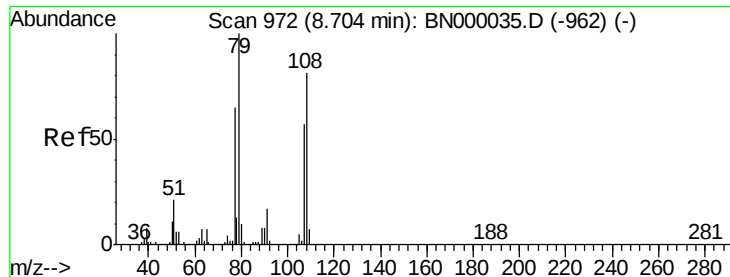
Tot Ion:146 Resp: 250548
 Ion Ratio Lower Upper
 146 100
 148 63.4 53.7 80.5
 111 41.1 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 9.465 ng
 RT: 8.83 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: BN000033.D
 Acq: 07 Feb 2018 12:05

Tgt Ion:146 Resp: 244723
 Ion Ratio Lower Upper
 146 100
 148 66.3 49.3 73.9
 111 44.9 34.3 51.5





#15

Benzyl Alcohol

Concen: 7.485 ng

RT: 8.70 min Scan# 972

Delta R.T. 0.00 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

Instrument :

BNA_N

ClientSampleId :

SSTDICC010

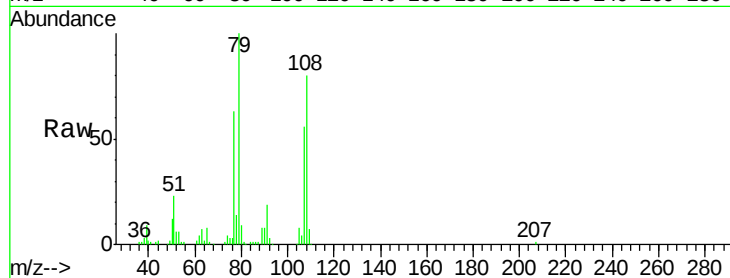
Tot Ion: 79 Resp: 173224

Ion Ratio Lower Upper

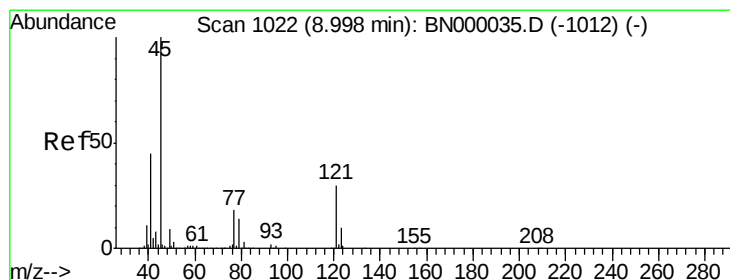
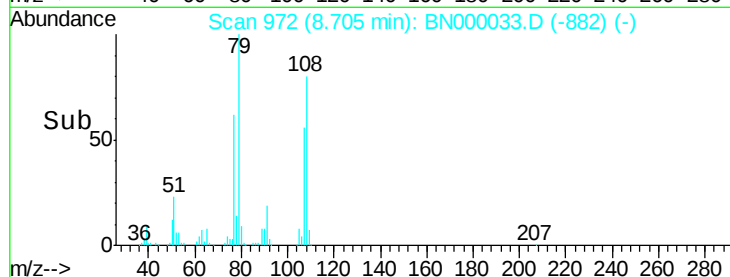
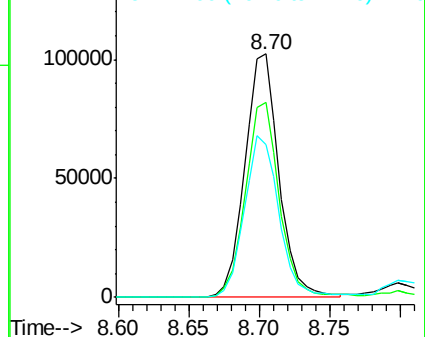
79 100

108 80.1 57.2 85.8

77 62.6 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BN0
Ion 108.00 (107.70 to 108.70): BN0
Ion 77.00 (76.70 to 77.70): BN0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.130 ng

RT: 9.00 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

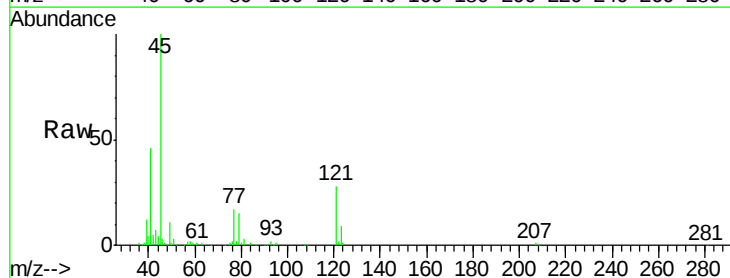
Tgt Ion: 45 Resp: 253775

Ion Ratio Lower Upper

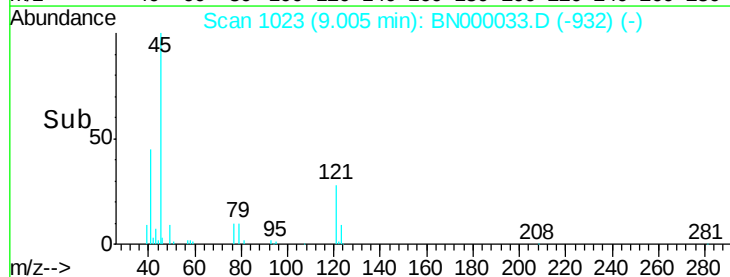
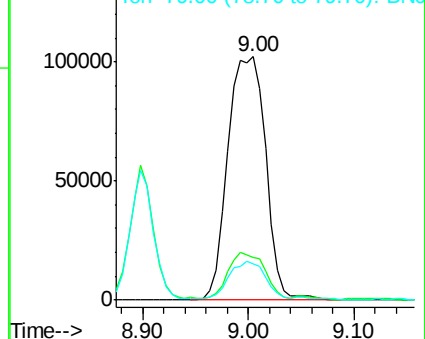
45 100

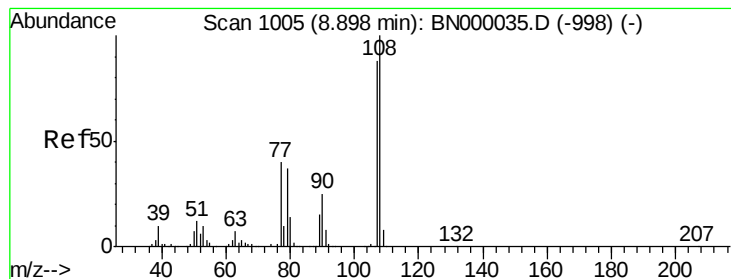
77 17.4 0.0 30.2

79 15.0 0.0 27.9



Abundance Ion 45.00 (44.70 to 45.70): BN0
Ion 77.00 (76.70 to 77.70): BN0
Ion 79.00 (78.70 to 79.70): BN0





#17

2-Methylphenol

Concen: 8.121 ng

RT: 8.90 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

Instrument :

BNA_N

ClientSampleId :

SSTDIC010

Tot Ion:107 Resp: 188636

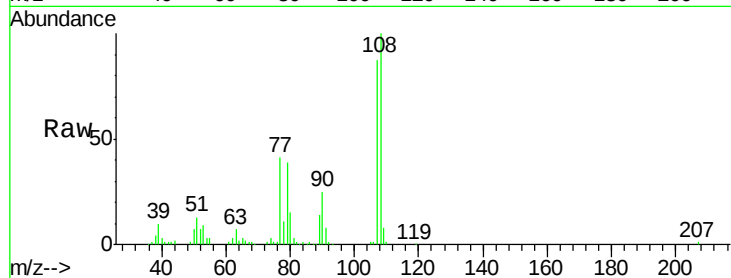
Ion Ratio Lower Upper

107 100

108 115.2 83.9 125.9

77 46.9 37.2 55.8

79 45.1 36.2 54.2

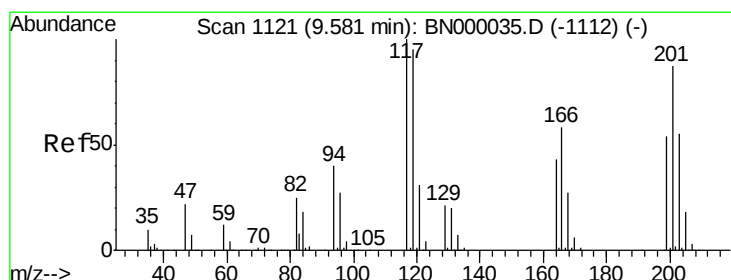
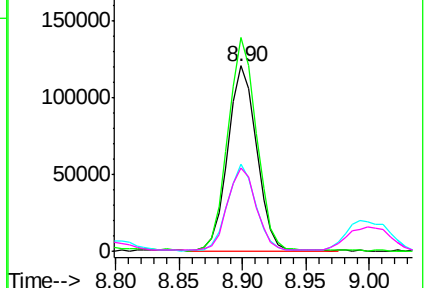
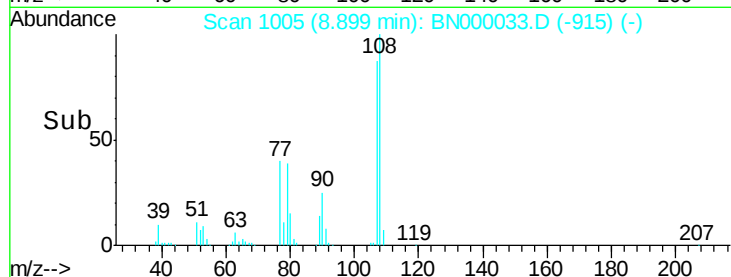


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC



#18

Hexachloroethane

Concen: 9.184 ng

RT: 9.58 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

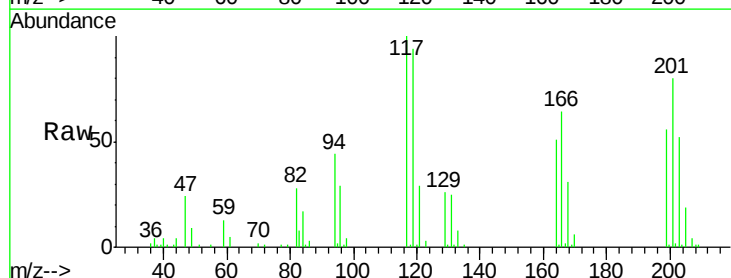
Tgt Ion:117 Resp: 82418

Ion Ratio Lower Upper

117 100

119 94.3 76.7 115.1

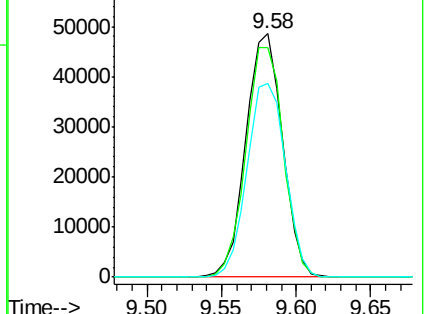
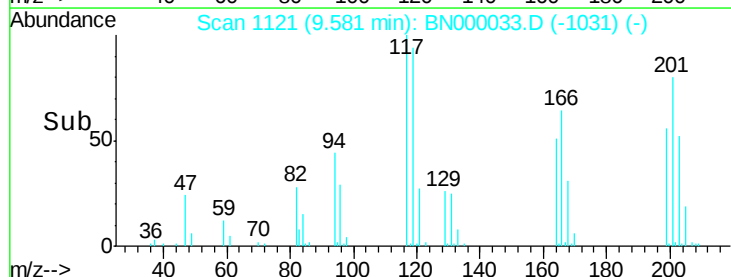
201 79.6 95.7 143.5#

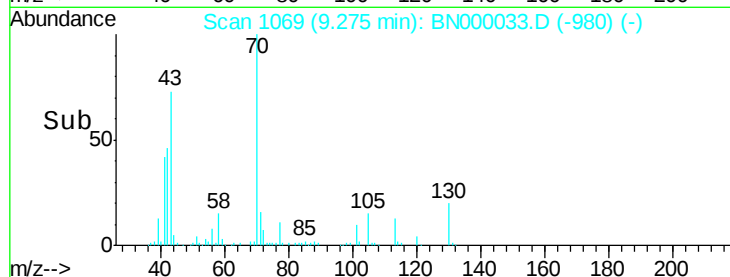
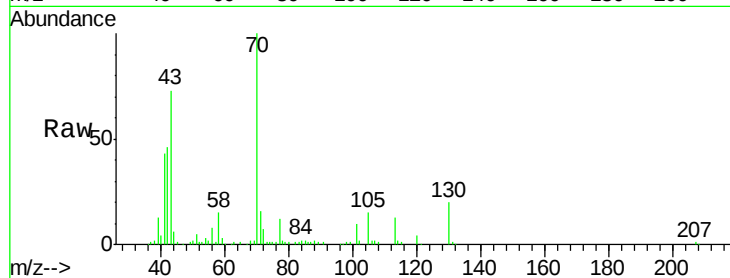
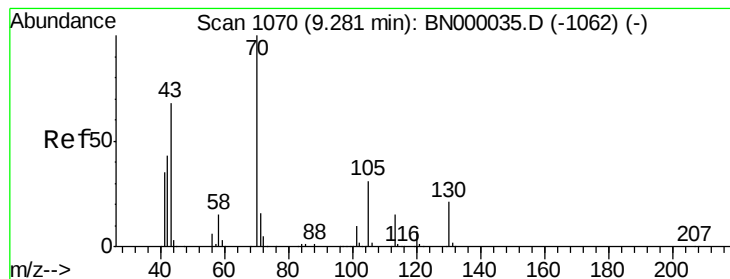


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 7.978 ng

RT: 9.28 min Scan# 1069

Delta R.T. -0.01 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

Instrument :

BNA_N

ClientSampleId :

SSTDIC010

Tot Ion: 70 Resp: 169437

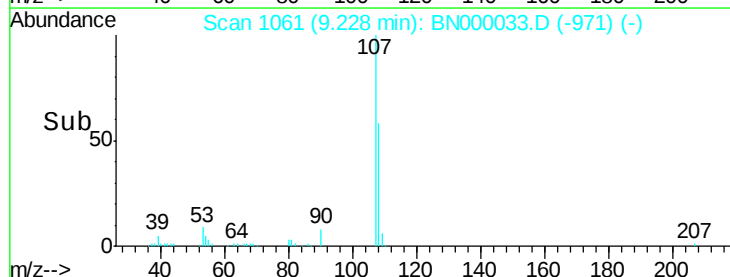
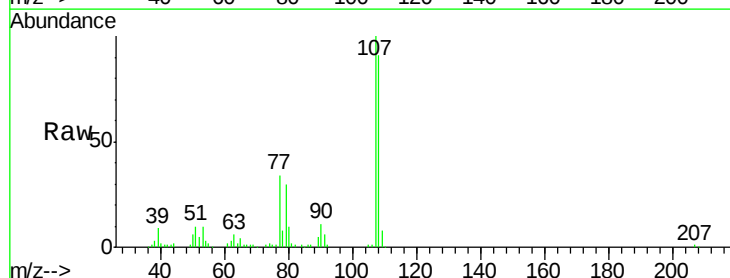
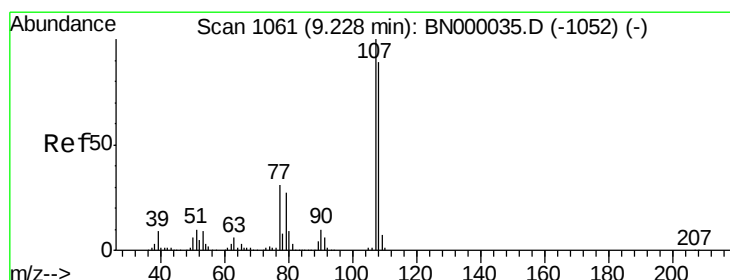
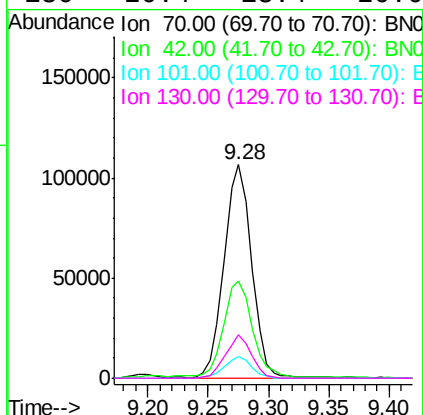
Ion Ratio Lower Upper

70 100

42 45.7 49.1 73.7#

101 10.2 8.5 12.7

130 20.4 13.4 20.0#



#20

3+4-Methylphenols

Concen: 8.191 ng

RT: 9.23 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

Tgt Ion: 107 Resp: 266489

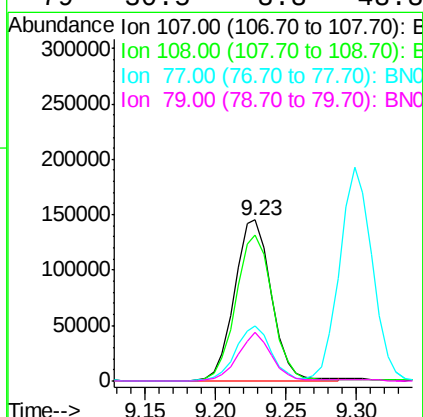
Ion Ratio Lower Upper

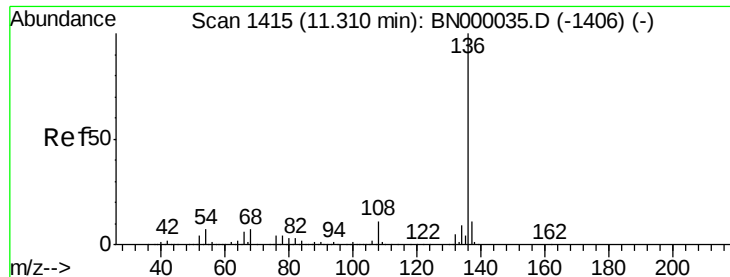
107 100

108 90.5 61.6 101.6

77 33.9 13.9 53.9

79 30.5 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.31 min Scan# 1415

Delta R.T. 0.00 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

Instrument :

BNA_N

ClientSampleId :

SSTDICC010

Tot Ion:136 Resp: 1536852

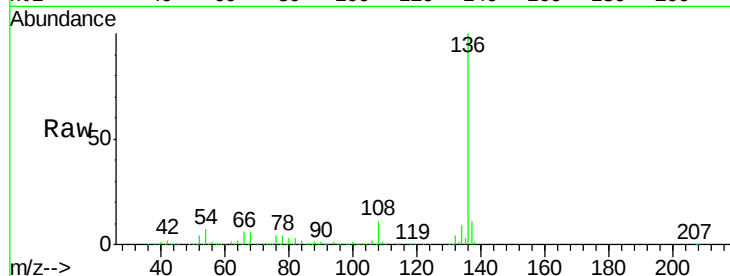
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 7.1 10.3 15.5#

68 6.5 4.5 6.7

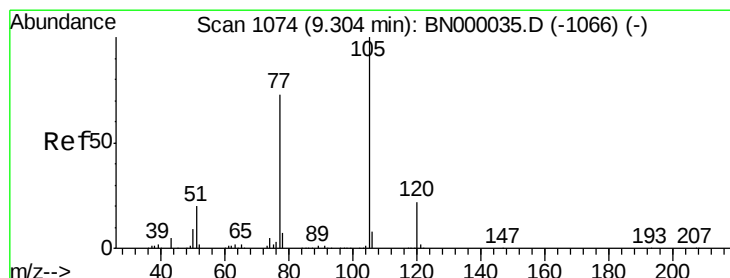
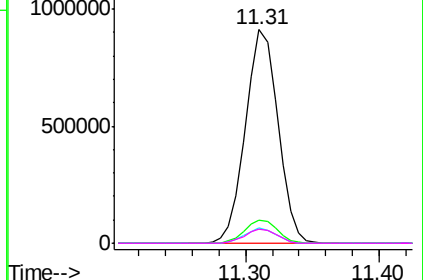
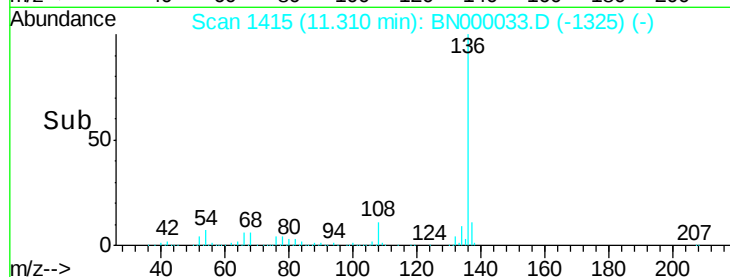


Abundance Ion 136.00 (135.70 to 136.70): E

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: 9.143 ng

RT: 9.30 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

Tgt Ion:105 Resp: 415023

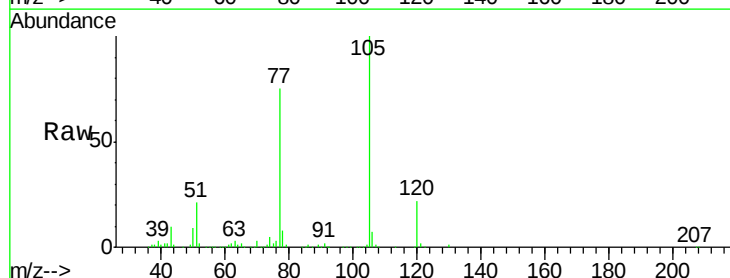
Ion Ratio Lower Upper

105 100

71 0.5 3.0 4.4#

51 20.9 26.1 39.1#

120 21.8 17.4 26.2

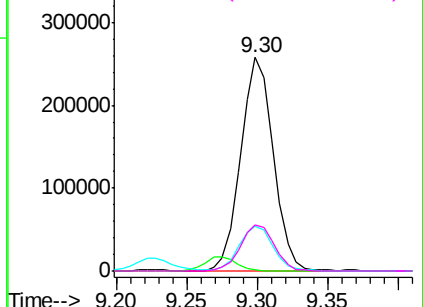
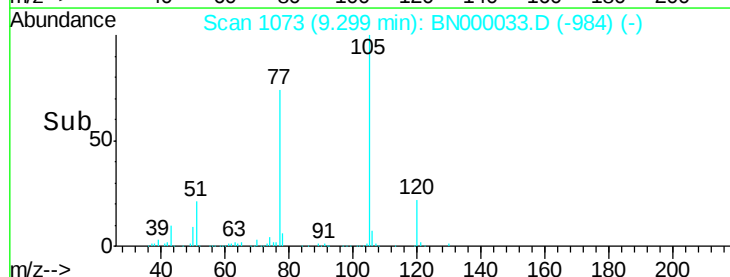


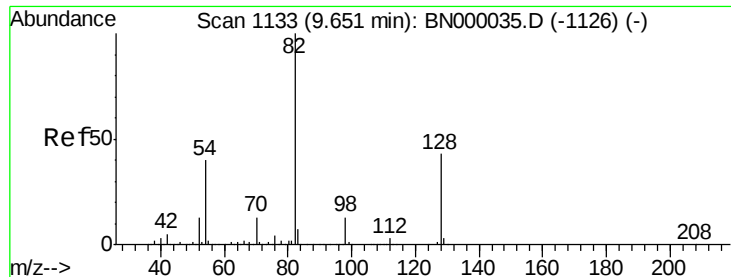
Abundance Ion 105.00 (104.70 to 105.70): E

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

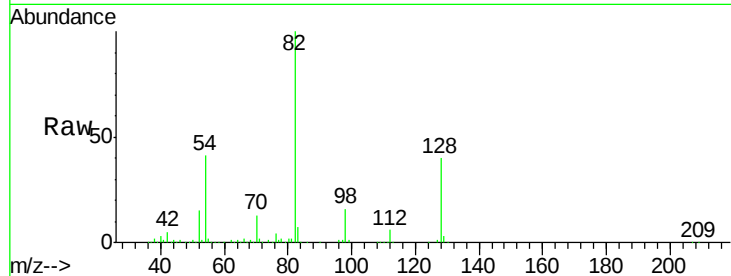




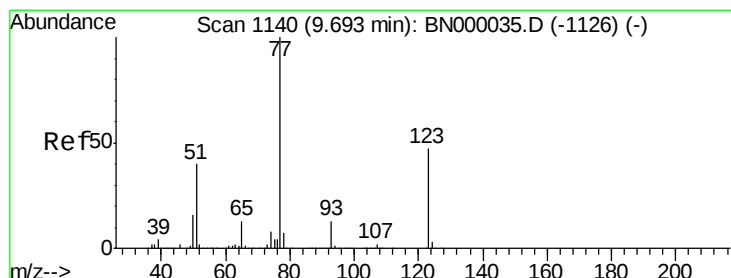
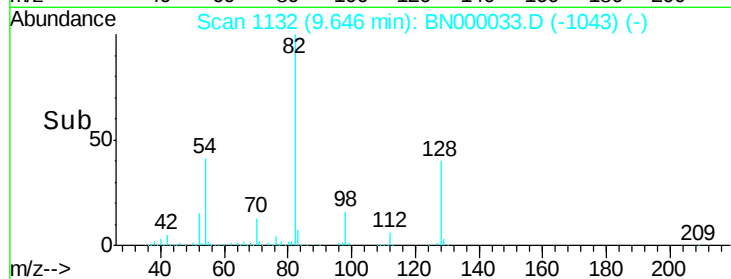
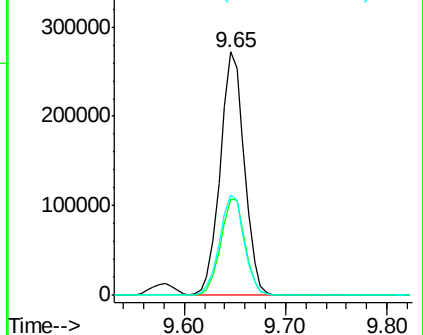
#23
 Nitrobenzene-d5
 Concen: 17.677 ng
 RT: 9.65 min Scan# 1132
 Delta R.T. -0.01 min
 Lab File: BN000033.D
 Acq: 07 Feb 2018 12:05

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC010

Tot Ion	82	Resp	449281
Ion Ratio	Lower	Upper	
82	100		
128	39.7	29.7	44.5
54	41.4	43.1	64.7#

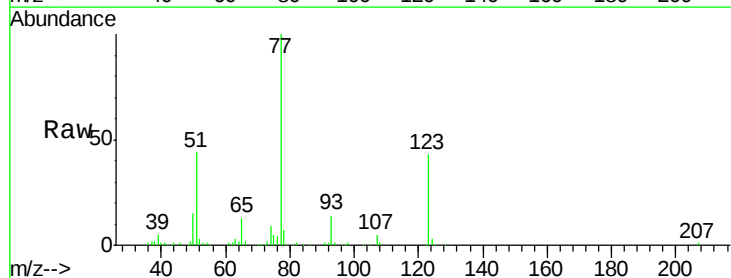


Abundance Ion 82.00 (81.70 to 82.70): BNC
 Ion 128.00 (127.70 to 128.70): BNC
 Ion 54.00 (53.70 to 54.70): BNC

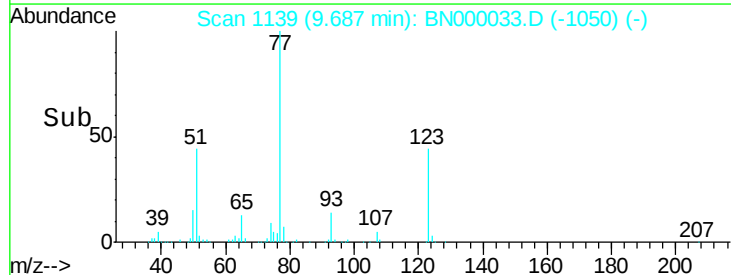
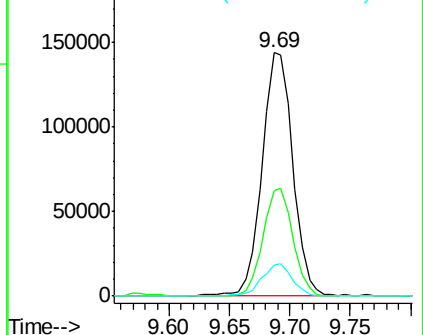


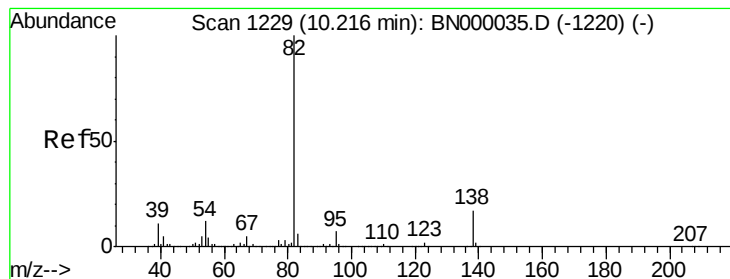
#24
 Nitrobenzene
 Concen: 9.289 ng
 RT: 9.69 min Scan# 1139
 Delta R.T. -0.01 min
 Lab File: BN000033.D
 Acq: 07 Feb 2018 12:05

Tgt Ion	77	Resp	253225
Ion Ratio	Lower	Upper	
77	100		
123	43.3	33.0	49.6
65	12.9	13.0	19.6#



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





#25

Isophorone

Concen: 7.822 ng

RT: 10.21 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

Instrument :

BNA_N

ClientSampleId :

SSTDICC010

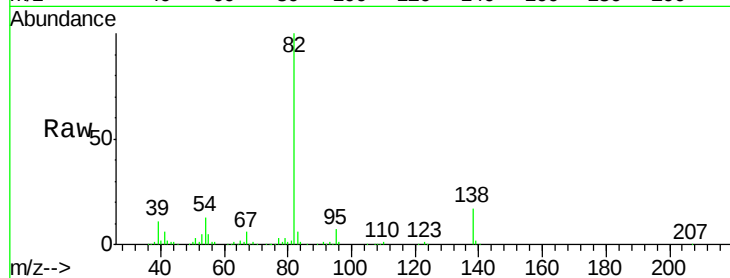
Tot Ion: 82 Resp: 470897

Ion Ratio Lower Upper

82 100

95 6.6 6.2 9.2

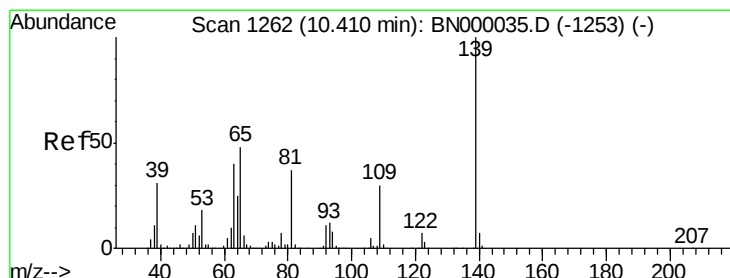
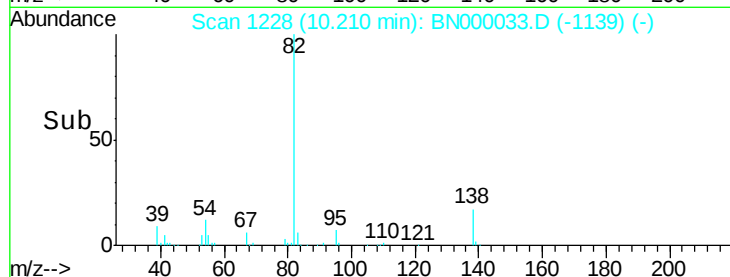
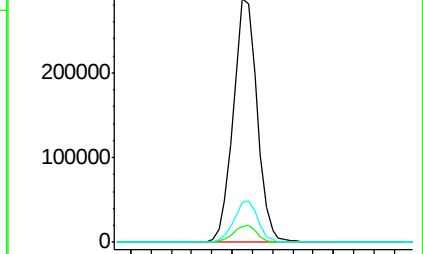
138 16.6 12.1 18.1



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: 7.980 ng

RT: 10.41 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

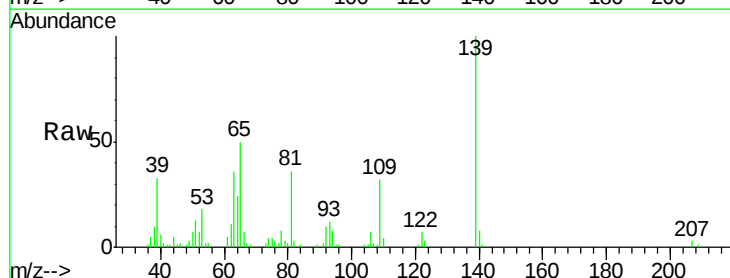
Tgt Ion: 139 Resp: 66626

Ion Ratio Lower Upper

139 100

109 32.4 24.2 36.2

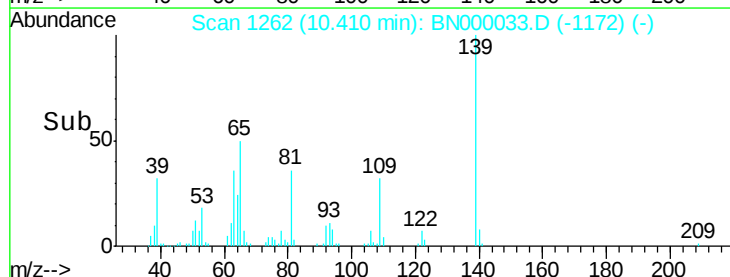
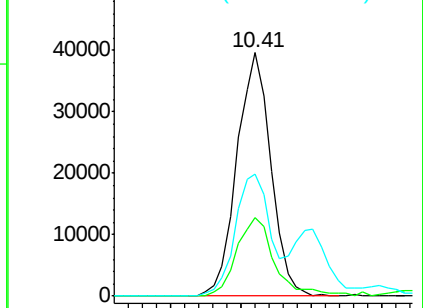
65 50.0 47.4 71.0

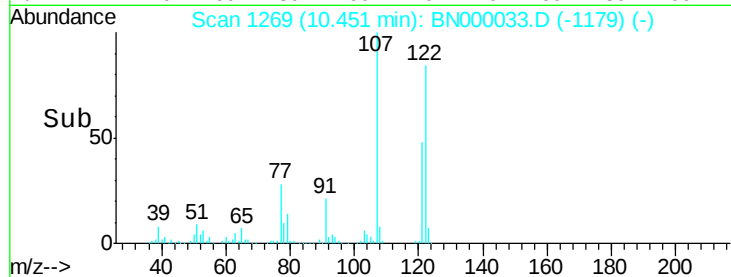
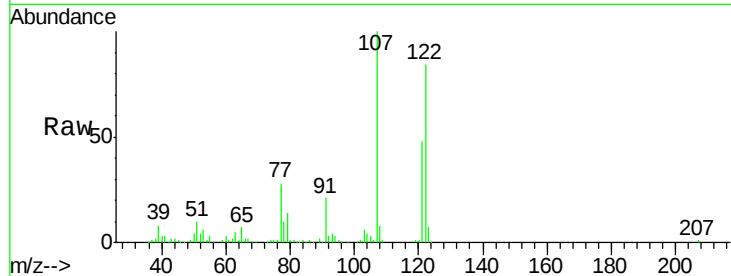
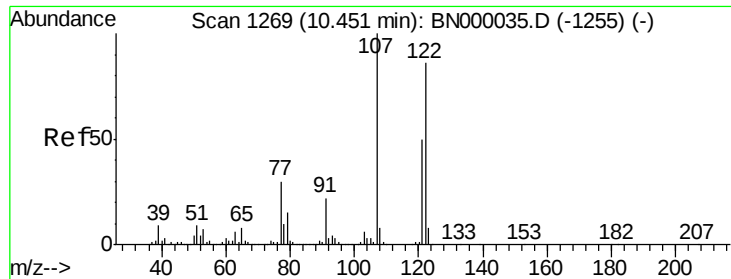


Abundance Ion 139.00 (138.70 to 139.70): BN000035.D (-1253) (-)

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

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

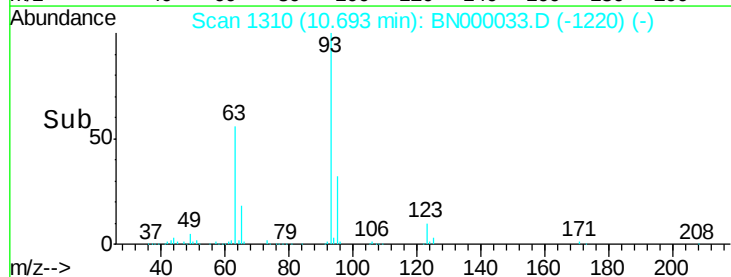
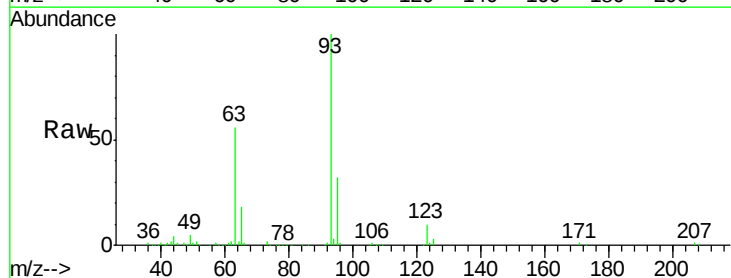
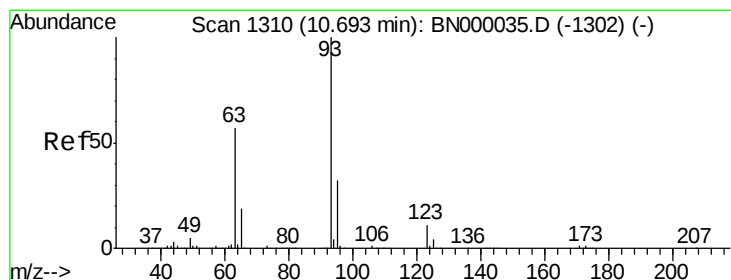
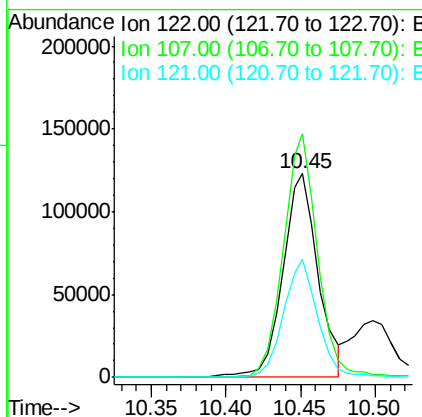




#27
2,4-Dimethylphenol
Concen: 8.222 ng
RT: 10.45 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BN000033.D
Acq: 07 Feb 2018 12:05

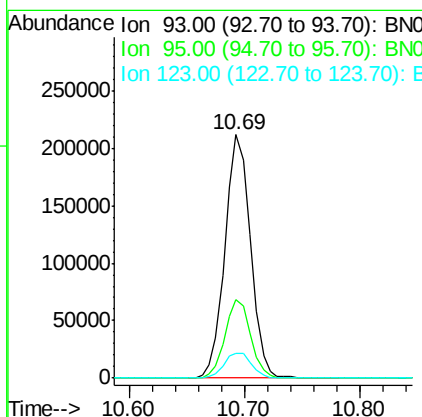
Instrument :
BNA_N
ClientSampleId :
SSTDIC010

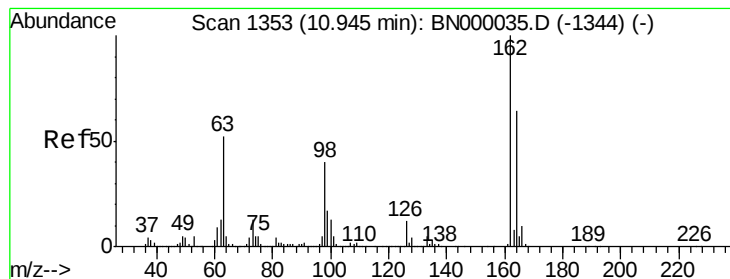
Tot Ion	Ratio	Lower	Upper
122	100		
107	119.5	100.2	150.2
121	58.0	44.4	66.6



#28
bis(2-Chloroethoxy)methane
Concen: 9.397 ng
RT: 10.69 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BN000033.D
Acq: 07 Feb 2018 12:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	24.3	36.5
123	10.3	8.4	12.6





#29

2,4-Dichlorophenol

Concen: 8.110 ng

RT: 10.94 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

Instrument :

BNA_N

ClientSampleId :

SSTDIC010

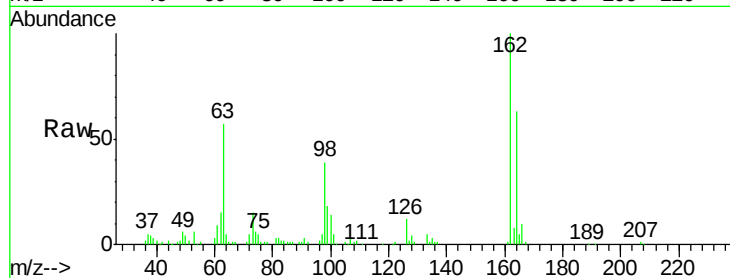
Tot Ion:162 Resp: 171777

Ion Ratio Lower Upper

162 100

164 63.1 48.0 88.0

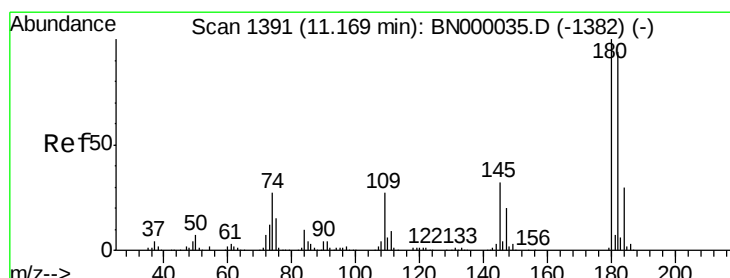
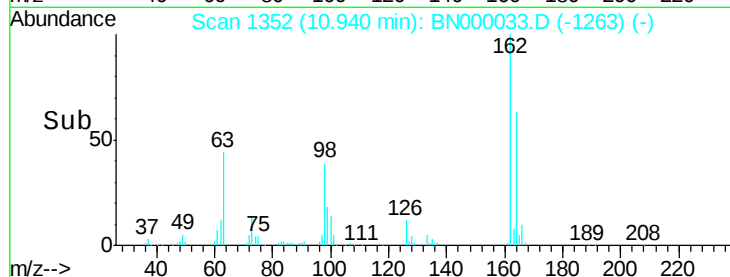
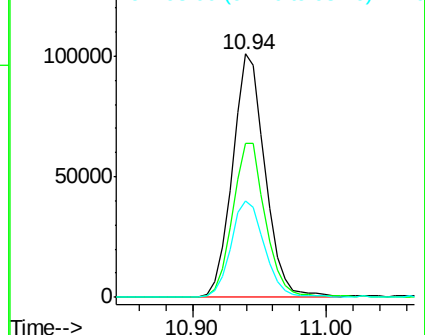
98 39.4 21.1 61.1



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: 9.688 ng

RT: 11.17 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

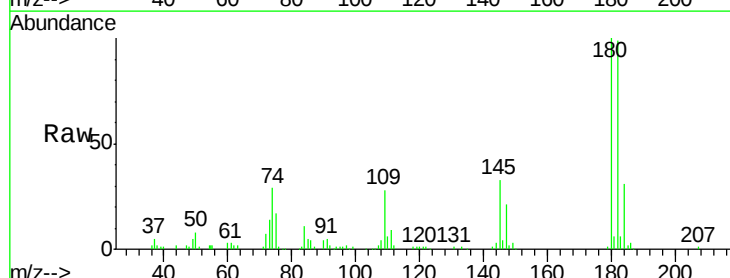
Tgt Ion:180 Resp: 240270

Ion Ratio Lower Upper

180 100

182 98.8 77.5 116.3

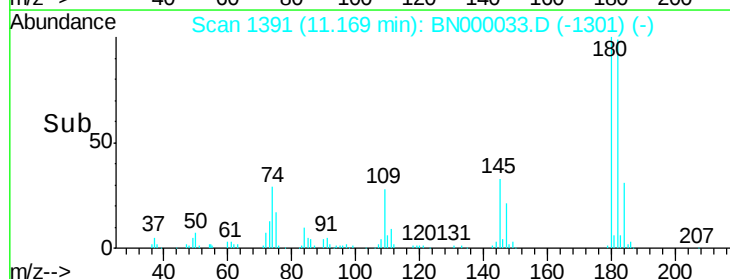
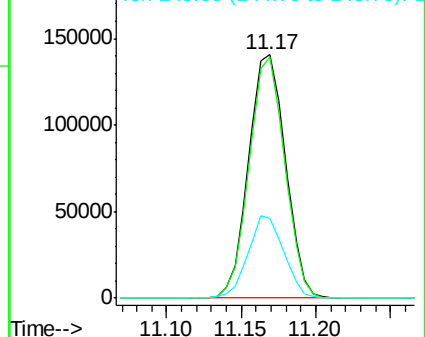
145 32.8 23.4 35.2

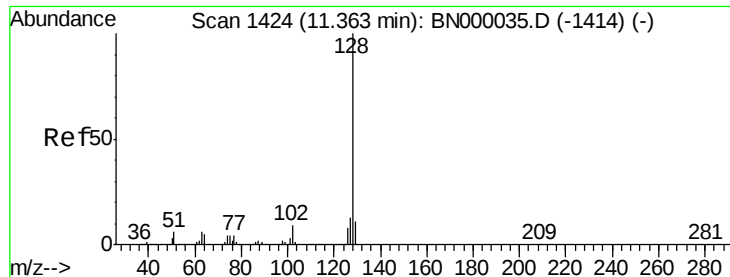


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

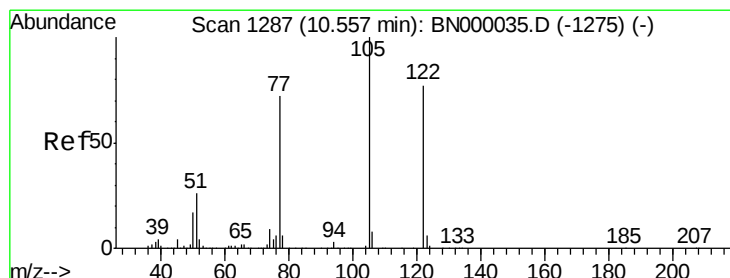
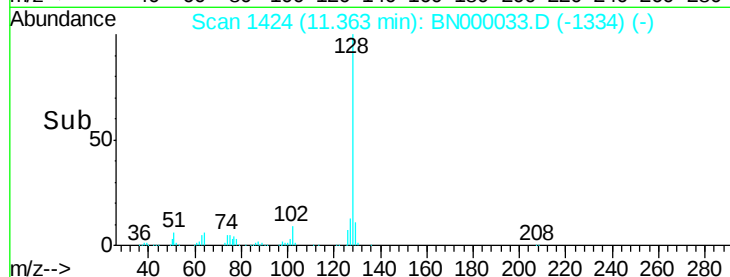
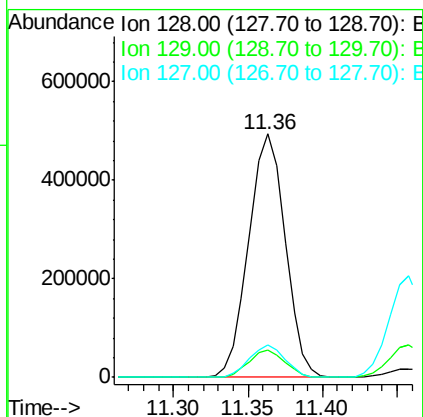
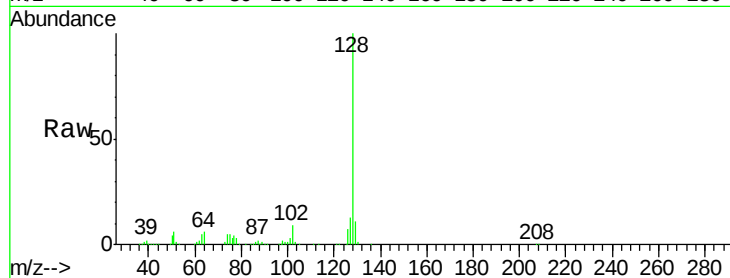




#31
Naphthalene
Concen: 9.757 ng
RT: 11.36 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BN000033.D
Acq: 07 Feb 2018 12:05

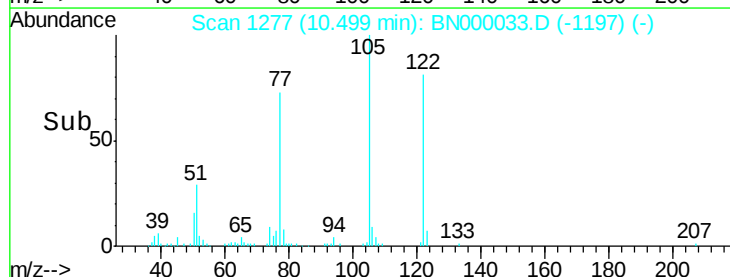
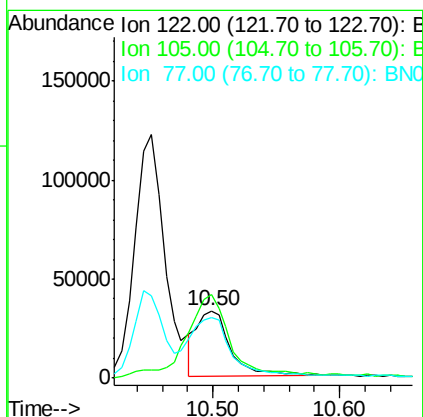
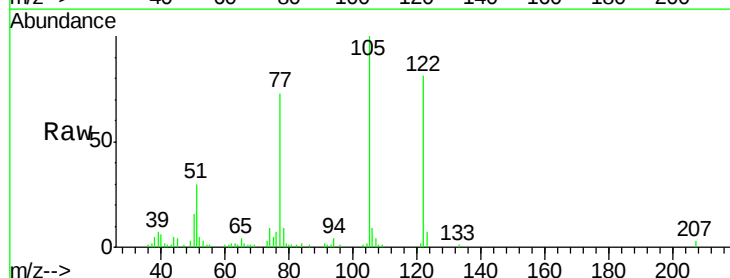
Instrument :
BNA_N
ClientSampleId :
SSTDIC010

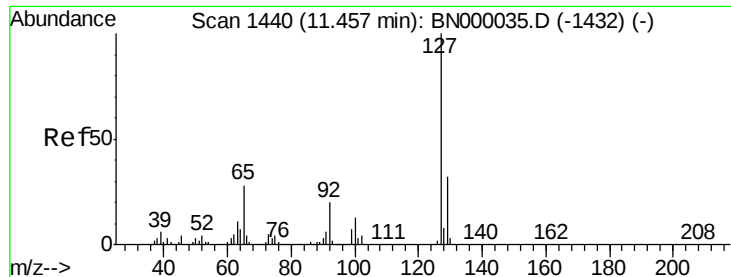
Tot Ion:128 Resp: 840994
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.1 11.6 17.4



#32
Benzoic acid
Concen: 4.872 ng
RT: 10.50 min Scan# 1277
Delta R.T. -0.06 min
Lab File: BN000033.D
Acq: 07 Feb 2018 12:05

Tgt Ion:122 Resp: 62272
Ion Ratio Lower Upper
122 100
105 123.6 123.5 163.5
77 89.6 85.7 125.7

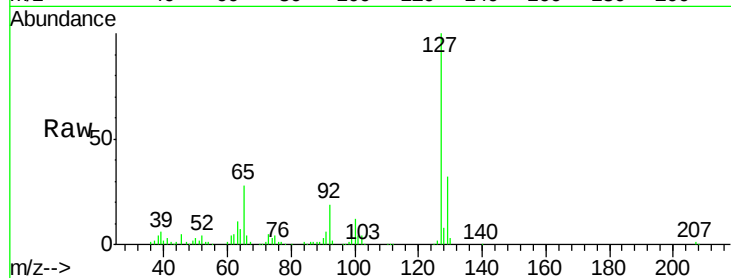




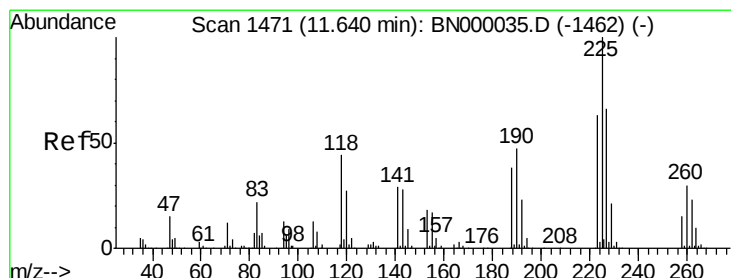
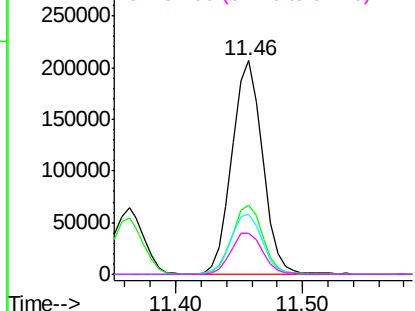
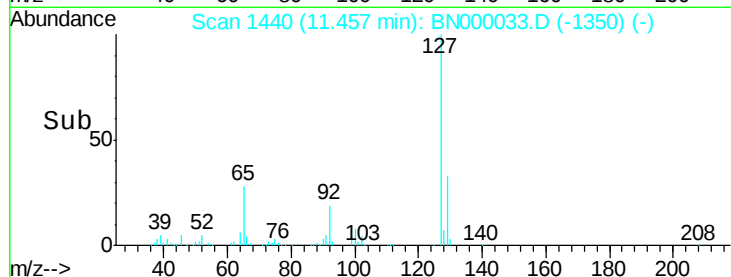
#33
4-Chloroaniline
Concen: 8.661 ng
RT: 11.46 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BN000033.D
Acq: 07 Feb 2018 12:05

Instrument :
BNA_N
ClientSampleId :
SSTDIC010

Tot Ion:	127	Resp:	346100
Ion	Ratio	Lower	Upper
127	100		
129	32.4	24.0	36.0
65	28.4	27.0	40.4
92	19.0	16.6	25.0

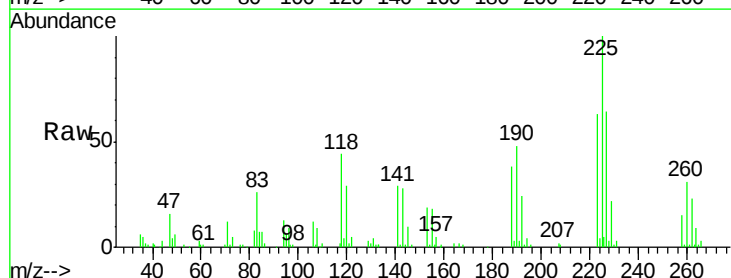


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

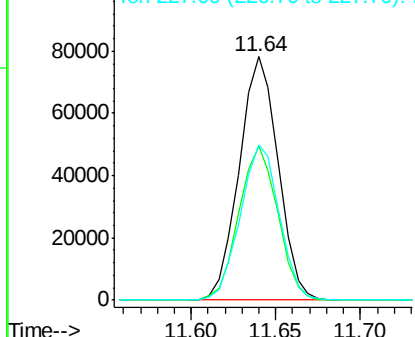
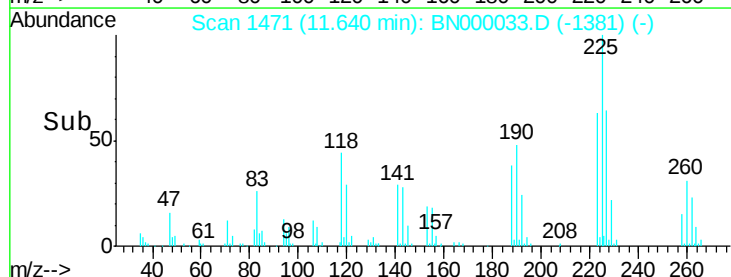


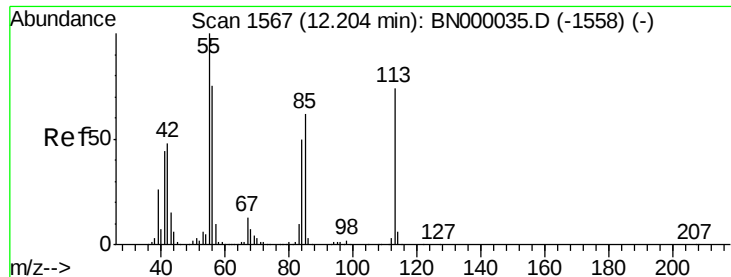
#34
Hexachlorobutadiene
Concen: 9.929 ng
RT: 11.64 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BN000033.D
Acq: 07 Feb 2018 12:05

Tgt Ion:	225	Resp:	125458
Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.7	74.5
227	64.0	48.1	72.1



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





#35

Caprolactam

Concen: 6.524 ng

RT: 12.18 min Scan# 1563

Delta R.T. -0.02 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

Instrument :

BNA_N

ClientSampleId :

SSTDIC010

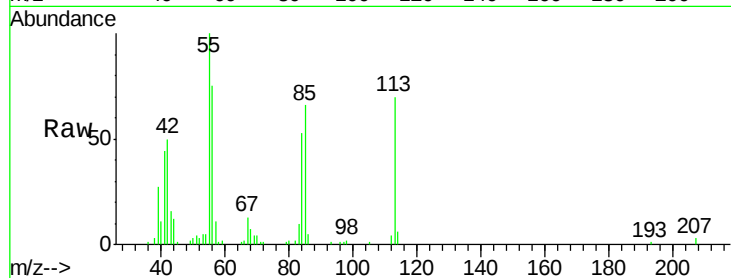
Tot Ion:113 Resp: 61420

Ion Ratio Lower Upper

113 100

55 142.1 120.0 160.0

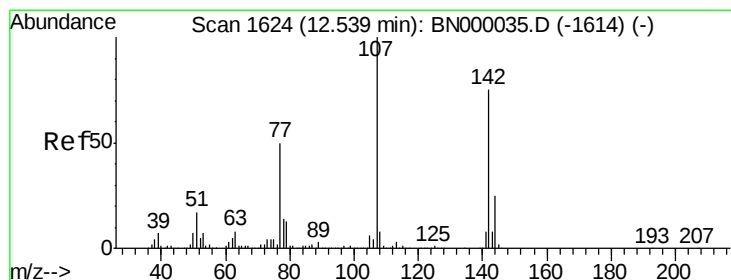
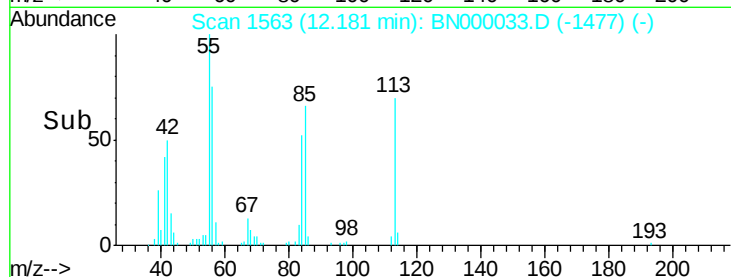
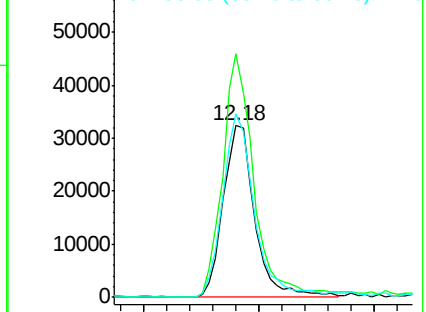
56 107.2 90.0 130.0



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: 7.748 ng

RT: 12.54 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

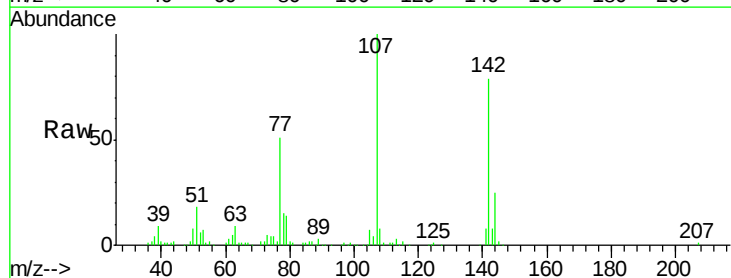
Tgt Ion:107 Resp: 223125

Ion Ratio Lower Upper

107 100

144 25.3 18.2 27.4

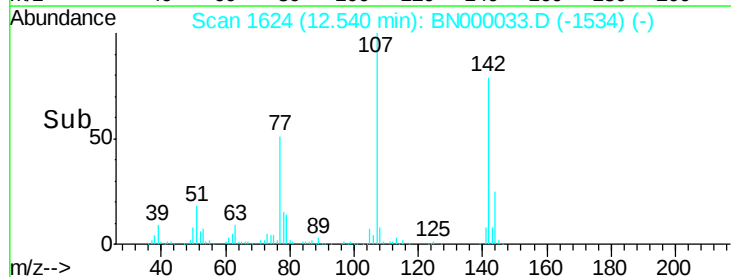
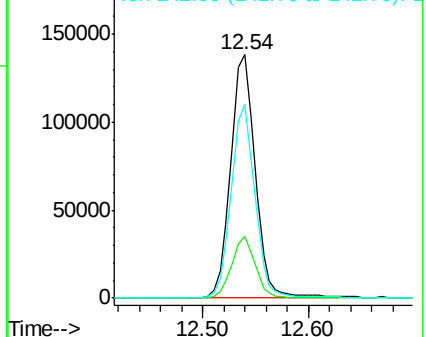
142 79.4 59.0 88.4

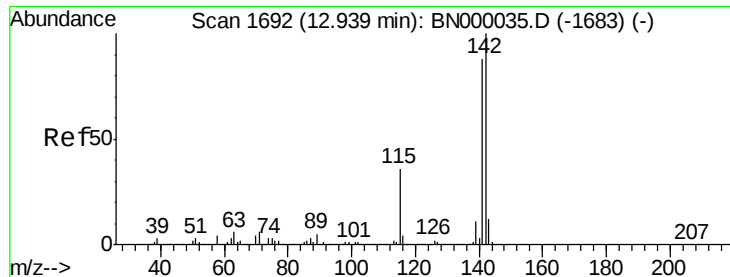


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

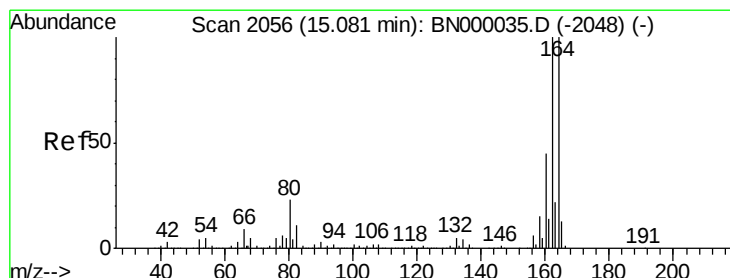
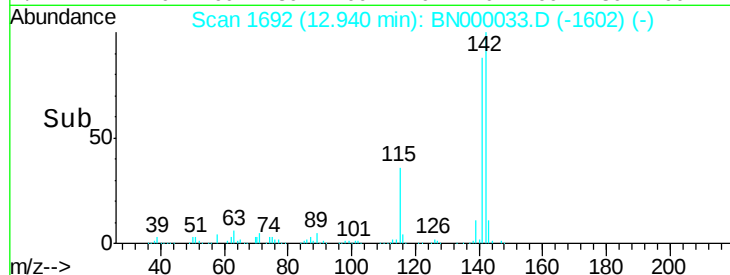
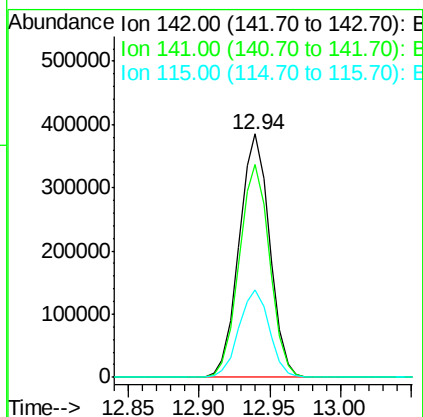
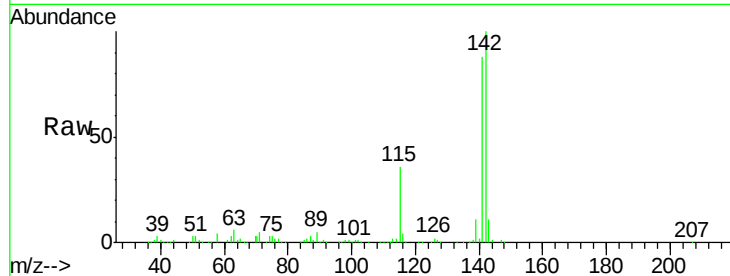




#37
2-Methylnaphthalene
Concen: 9.561 ng
RT: 12.94 min Scan# 1692
Delta R.T. 0.00 min
Lab File: BN000033.D
Acq: 07 Feb 2018 12:05

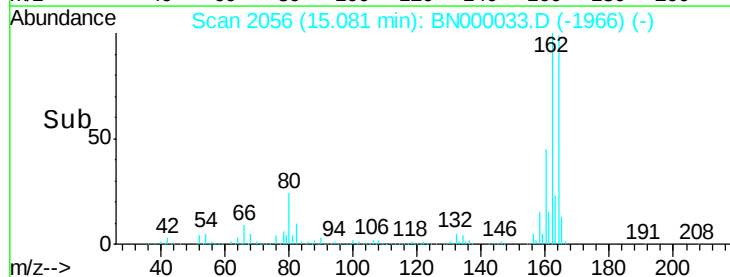
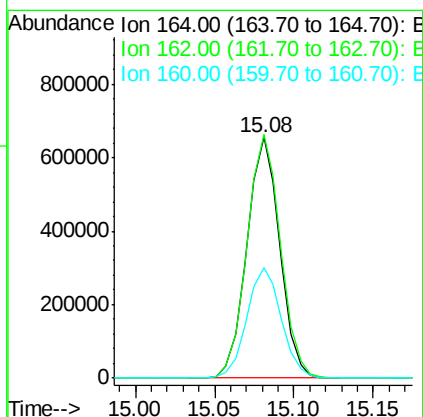
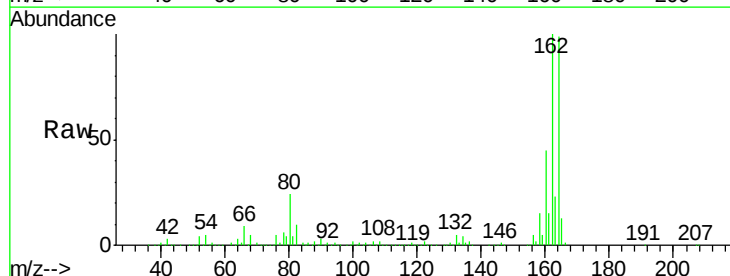
Instrument :
BNA_N
ClientSampleId :
SSTDIC010

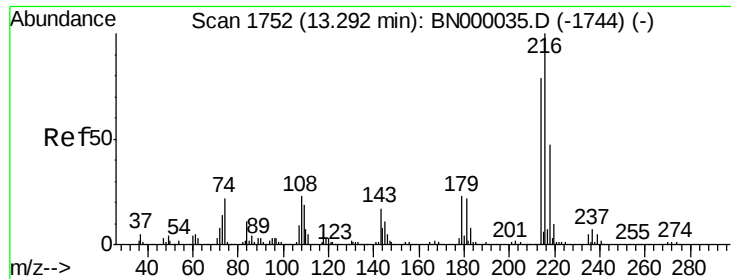
Tot Ion:142 Resp: 582341
Ion Ratio Lower Upper
142 100
141 87.6 67.1 100.7
115 36.1 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.08 min Scan# 2056
Delta R.T. 0.00 min
Lab File: BN000033.D
Acq: 07 Feb 2018 12:05

Tgt Ion:164 Resp: 941289
Ion Ratio Lower Upper
164 100
162 101.1 78.8 118.2
160 45.7 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 9.865 ng

RT: 13.29 min Scan# 1752

Delta R.T. 0.00 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

Instrument :

BNA_N

ClientSampleId :

SSTDIC010

Tot Ion:216 Resp: 270486

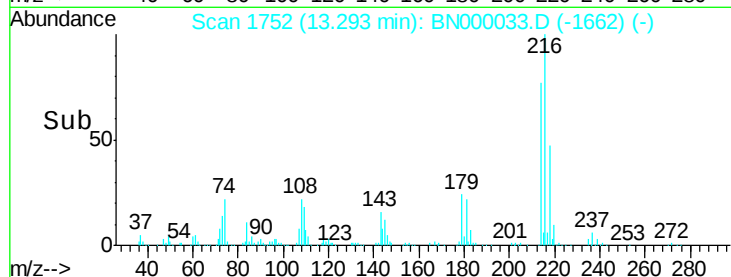
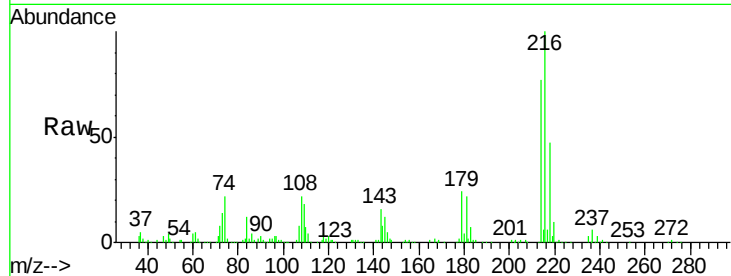
Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.4

179 23.4 17.0 25.6

108 23.6 12.8 19.2#

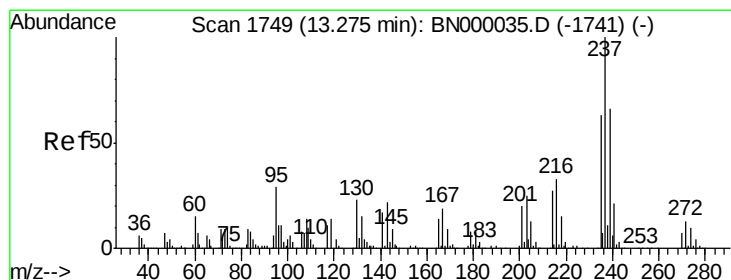
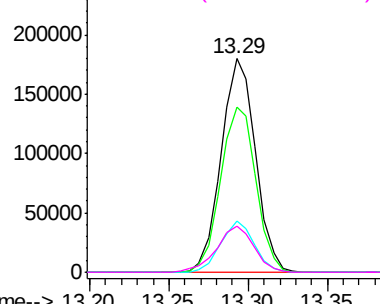


Abundance Ion 216.00 (215.70 to 216.70): E

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: 9.705 ng

RT: 13.27 min Scan# 1749

Delta R.T. 0.00 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

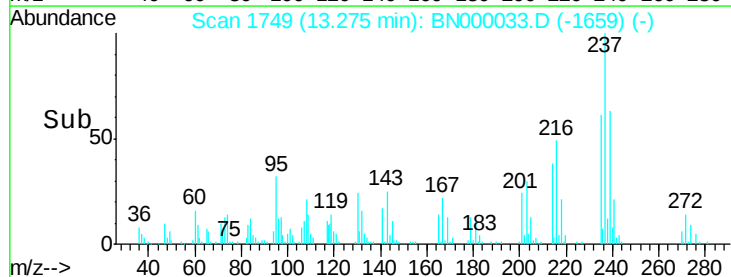
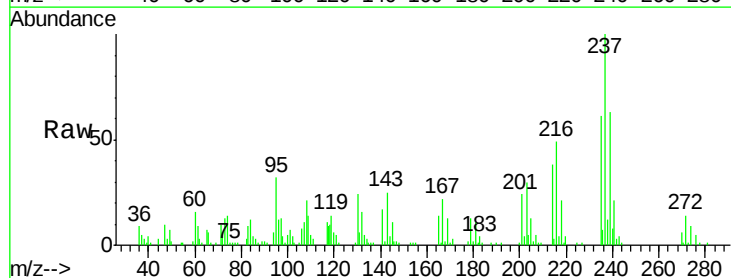
Tgt Ion:237 Resp: 88878

Ion Ratio Lower Upper

237 100

235 61.1 50.4 90.4

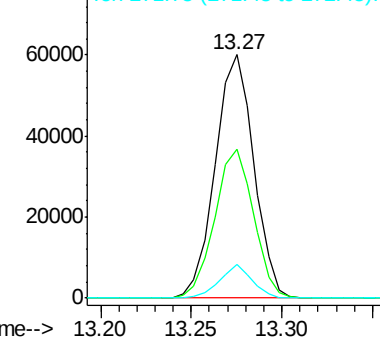
272 13.8 0.0 31.8

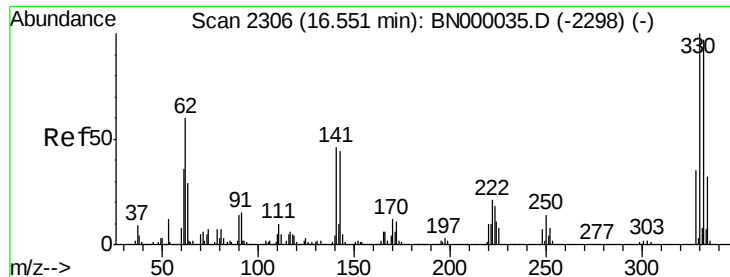


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

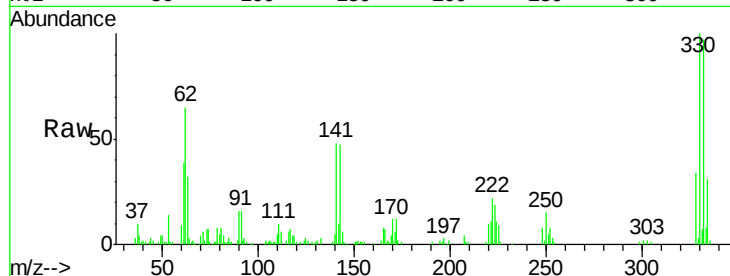




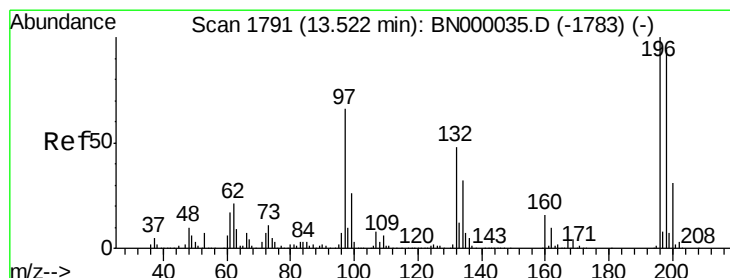
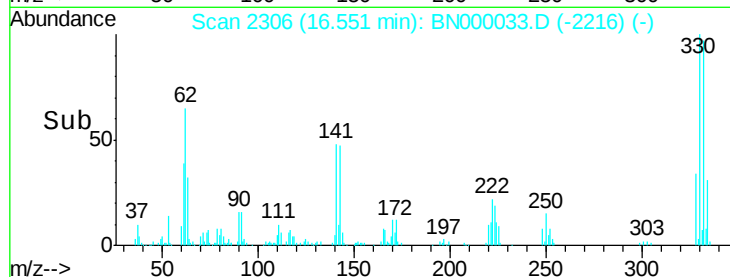
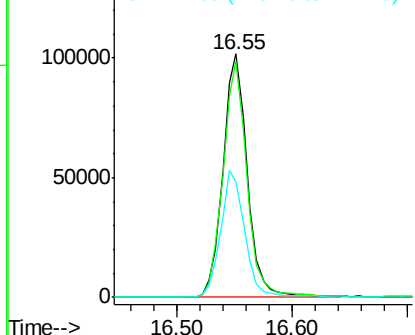
#41
 2,4,6-Tribromophenol
 Concen: 15.738 ng
 RT: 16.55 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: BN000033.D
 Acq: 07 Feb 2018 12:05

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC010

Tot Ion:330 Resp: 148918
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 51.3 25.2 37.8#

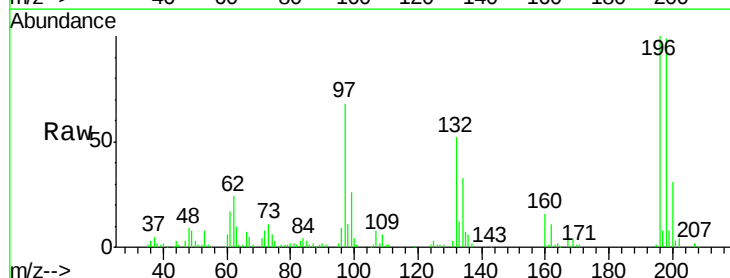


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

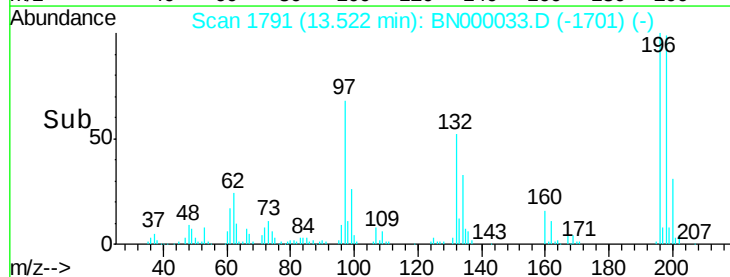
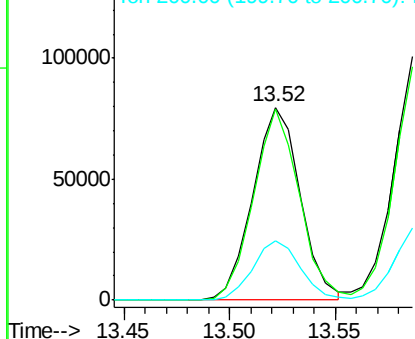


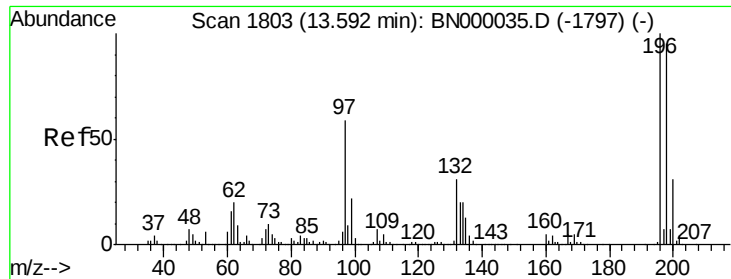
#42
 2,4,6-Trichlorophenol
 Concen: 7.672 ng
 RT: 13.52 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BN000033.D
 Acq: 07 Feb 2018 12:05

Tgt Ion:196 Resp: 124332
 Ion Ratio Lower Upper
 196 100
 198 99.2 78.2 117.2
 200 30.8 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

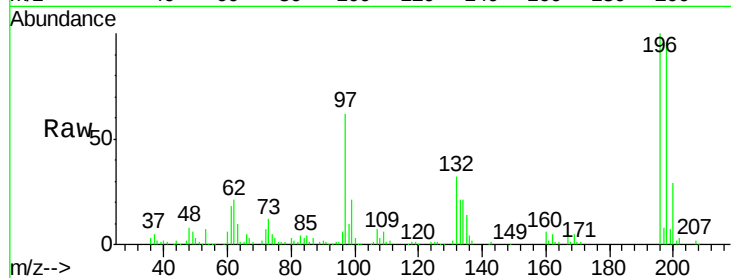




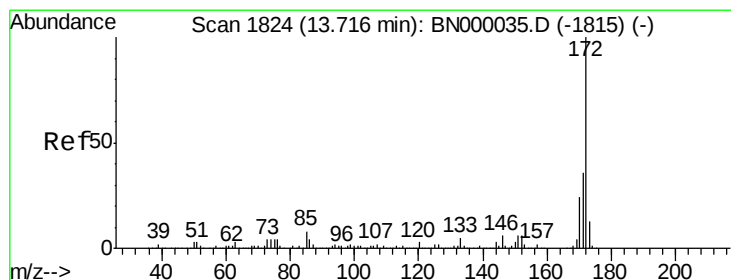
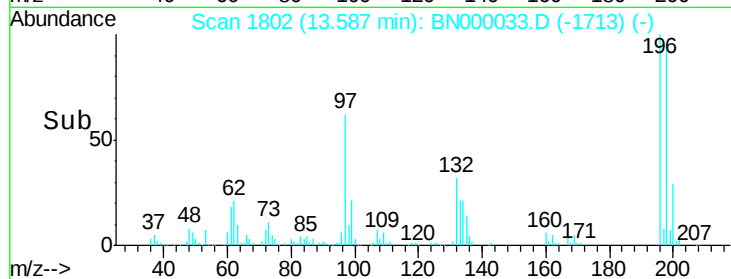
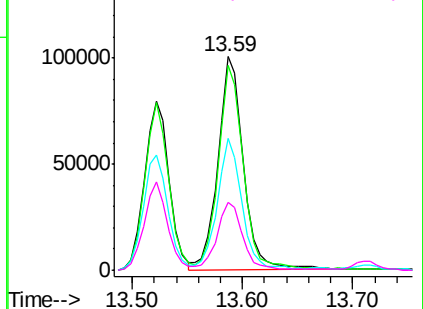
#43
2,4,5-Trichlorophenol
Concen: 8.442 ng
RT: 13.59 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BN000033.D
Acq: 07 Feb 2018 12:05

Instrument :
BNA_N
ClientSampleId :
SSTDIC010

Tot Ion:196 Resp: 161113
Ion Ratio Lower Upper
196 100
198 95.9 76.2 114.4
97 62.0 38.7 58.1#
132 31.8 20.2 30.2#

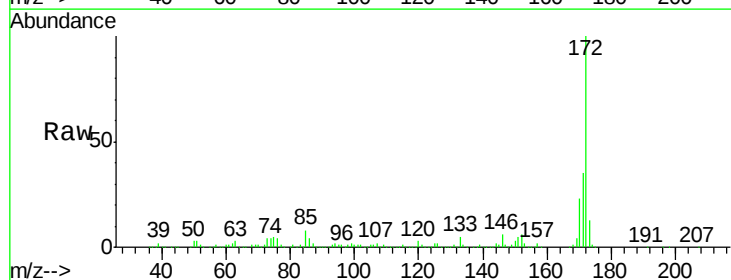


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BNC
Ion 132.00 (131.70 to 132.70): E

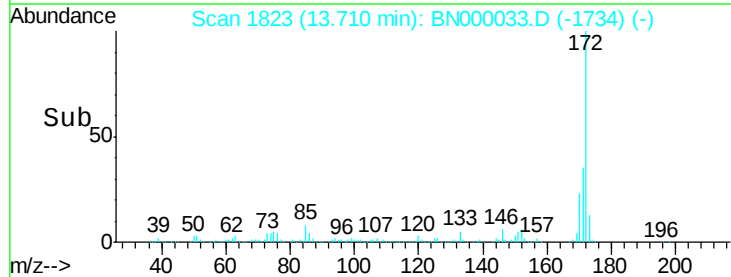
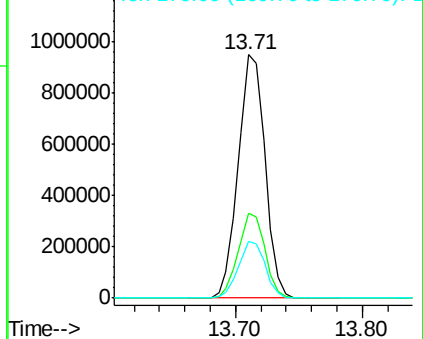


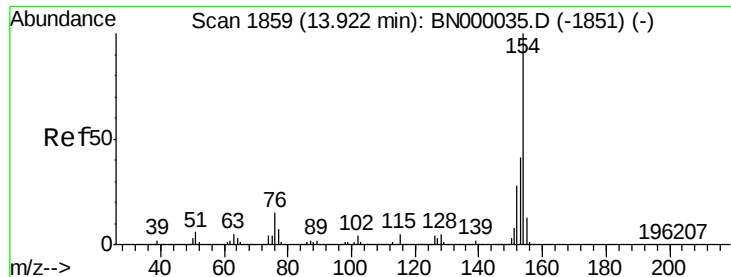
#44
2-Fluorobiphenyl
Concen: 19.759 ng
RT: 13.71 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BN000033.D
Acq: 07 Feb 2018 12:05

Tgt Ion:172 Resp: 1388723
Ion Ratio Lower Upper
172 100
171 34.8 30.0 45.0
170 23.3 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: 9.930 ng

RT: 13.92 min Scan# 1859

Delta R.T. 0.00 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

Instrument :

BNA_N

ClientSampleId :

SSTDIC010

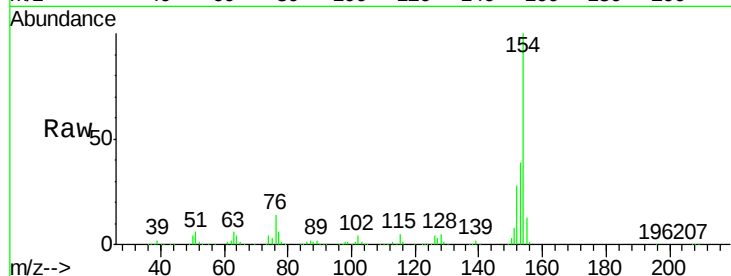
Tot Ion:154 Resp: 835125

Ion Ratio Lower Upper

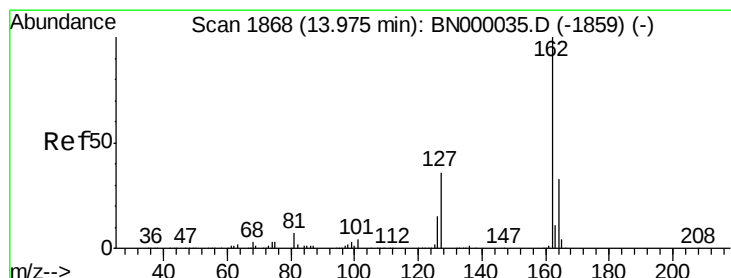
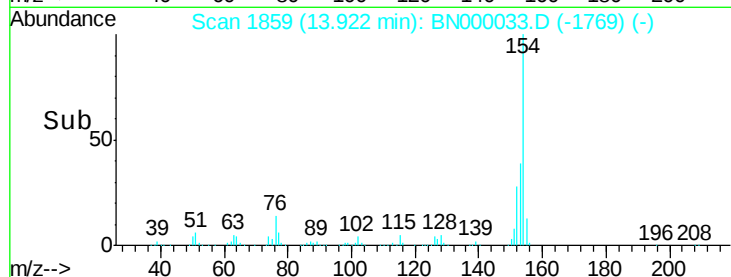
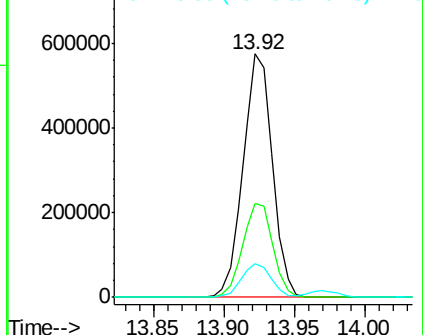
154 100

153 38.8 19.8 59.8

76 14.1 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: 9.644 ng

RT: 13.97 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

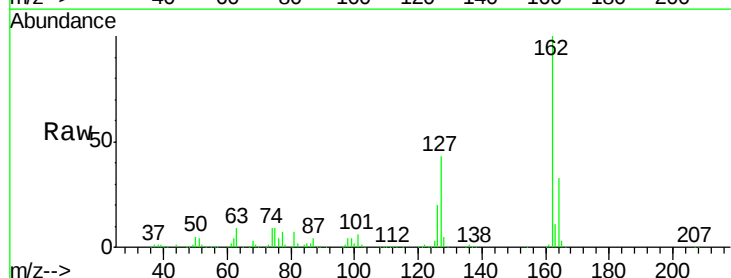
Tgt Ion:162 Resp: 608938

Ion Ratio Lower Upper

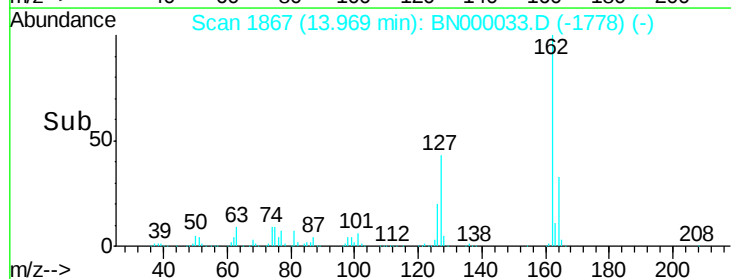
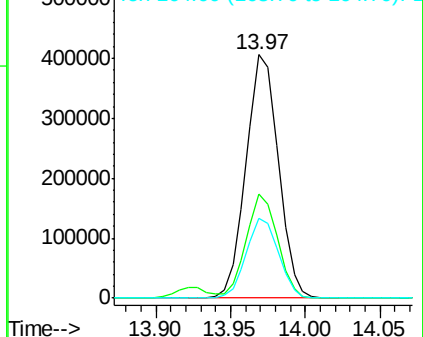
162 100

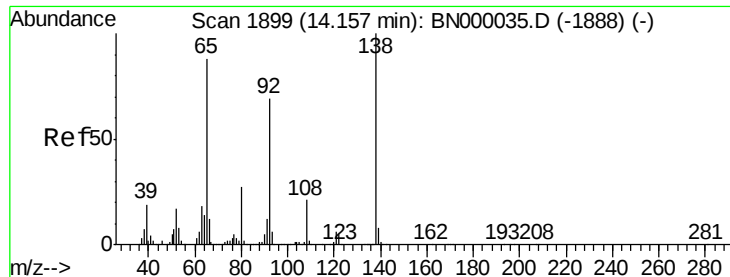
127 43.0 30.7 46.1

164 32.9 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: 7.545 ng

RT: 14.16 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

Instrument :

BNA_N

ClientSampleId :

SSTDIC010

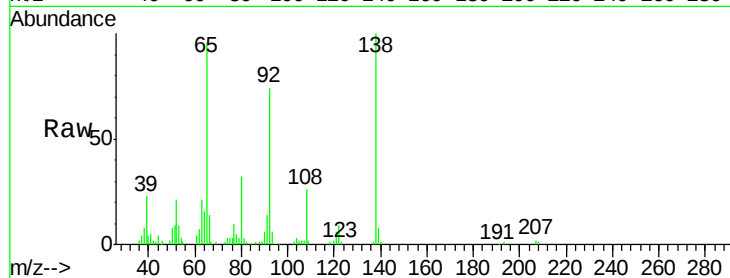
Tot Ion: 65 Resp: 112503

Ion Ratio Lower Upper

65 100

92 77.7 54.6 82.0

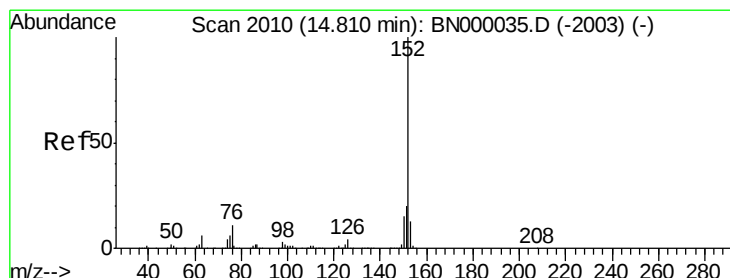
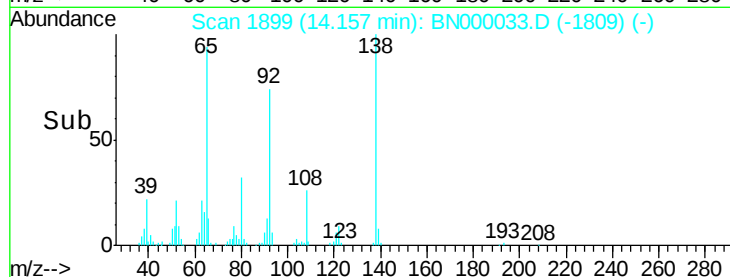
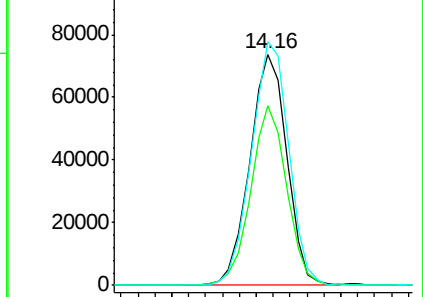
138 105.5 72.9 109.3



Abundance Ion 65.00 (64.70 to 65.70): BN000033.D (-1888) (-)

Ion 92.00 (91.70 to 92.70): BN000033.D (-1888) (-)

Ion 138.00 (137.70 to 138.70): BN000033.D (-1888) (-)



#48

Acenaphthylene

Concen: 9.241 ng

RT: 14.81 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

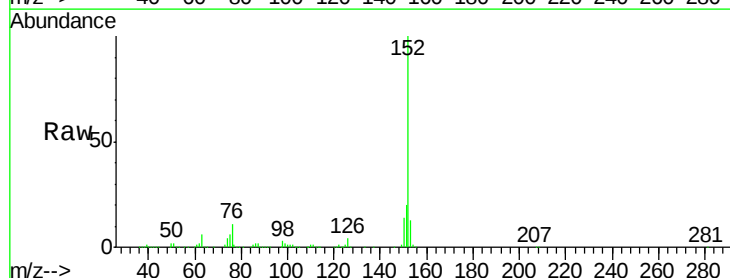
Tgt Ion: 152 Resp: 979772

Ion Ratio Lower Upper

152 100

151 19.6 17.2 25.8

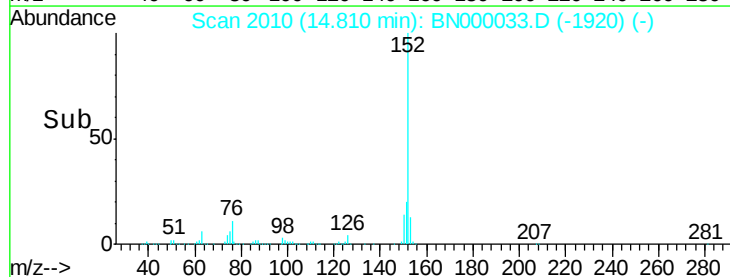
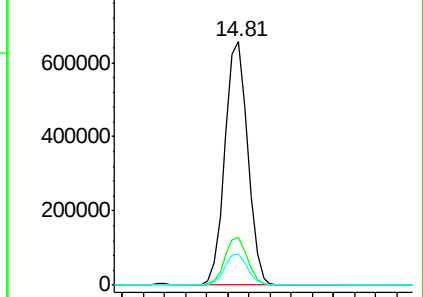
153 13.0 10.2 15.4

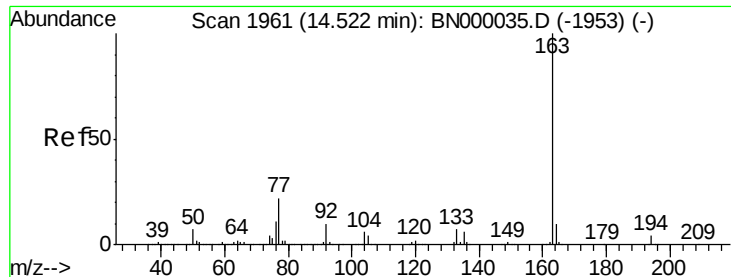


Abundance Ion 152.00 (151.70 to 152.70): BN000035.D (-2003) (-)

Ion 151.00 (150.70 to 151.70): BN000035.D (-2003) (-)

Ion 153.00 (152.70 to 153.70): BN000035.D (-2003) (-)





#49

Dimethylphthalate

Concen: 9.139 ng

RT: 14.52 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

Instrument :

BNA_N

ClientSampleId :

SSTDIC010

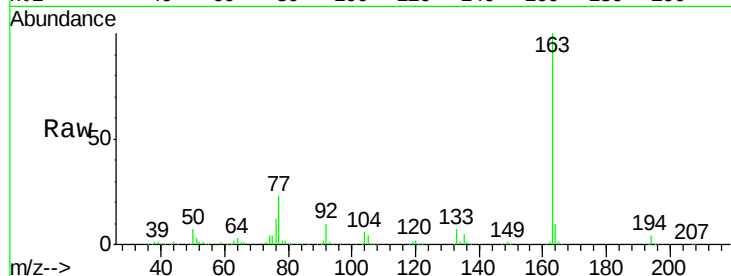
Tot Ion:163 Resp: 768808

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

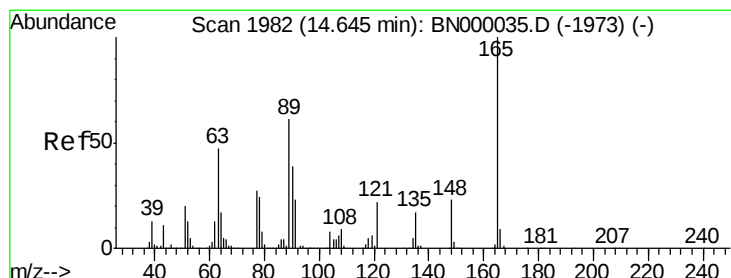
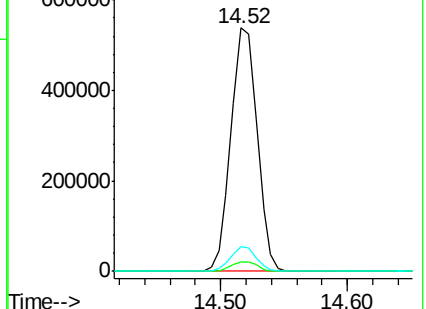
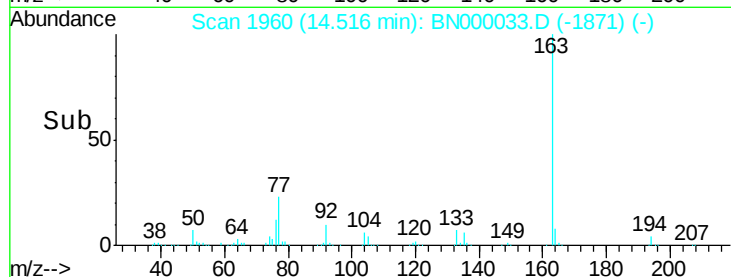
164 10.4 8.2 12.4



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: 8.424 ng

RT: 14.64 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

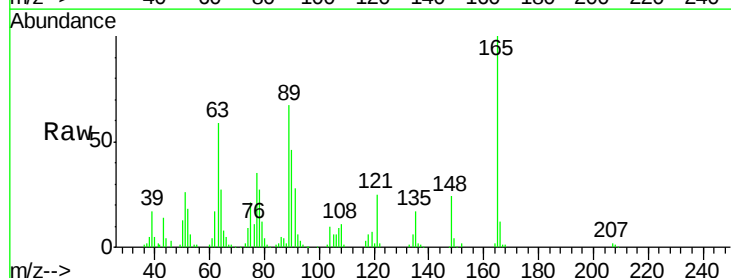
Tgt Ion:165 Resp: 126451

Ion Ratio Lower Upper

165 100

63 58.9 52.7 79.1

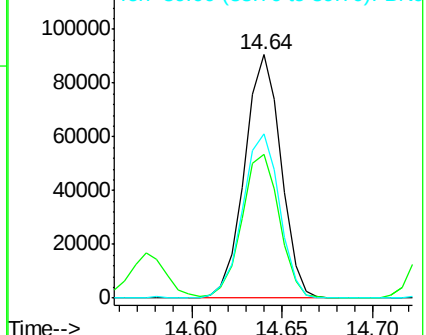
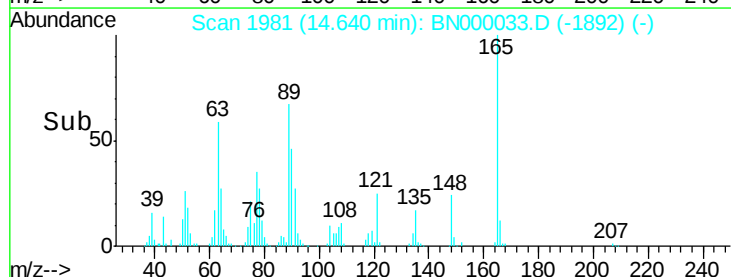
89 67.4 49.2 73.8

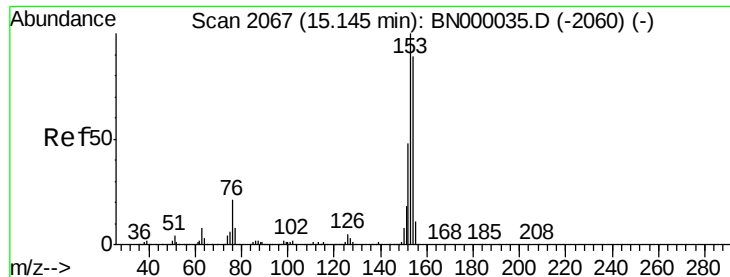


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#51

Acenaphthene

Concen: 9.613 ng

RT: 15.15 min Scan# 2067

Delta R.T. 0.00 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

Instrument :

BNA_N

ClientSampleId :

SSTDIC010

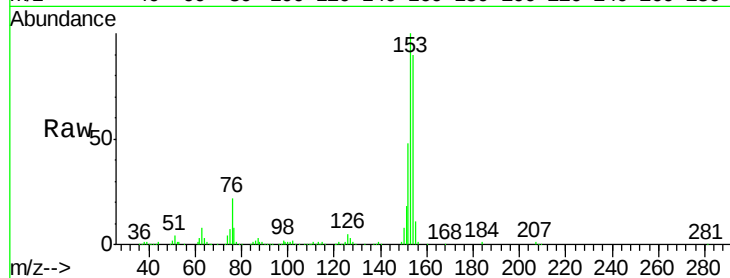
Tot Ion:154 Resp: 643141

Ion Ratio Lower Upper

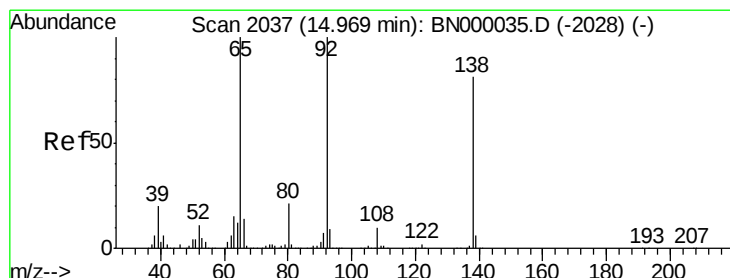
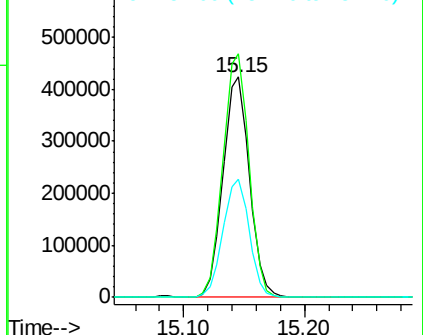
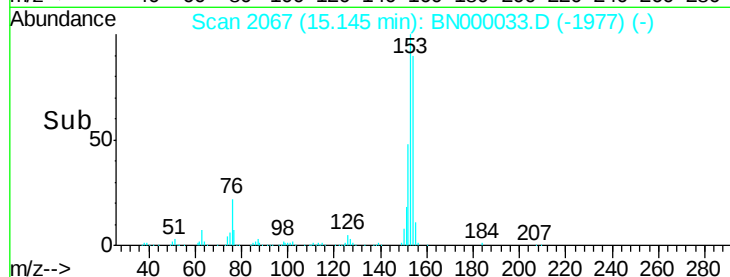
154 100

153 110.7 90.4 135.6

152 53.6 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: 8.571 ng

RT: 14.96 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

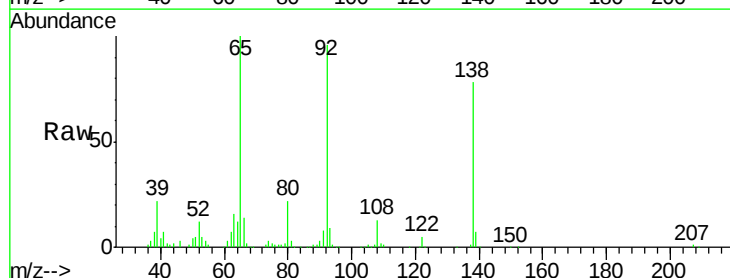
Tgt Ion:138 Resp: 157714

Ion Ratio Lower Upper

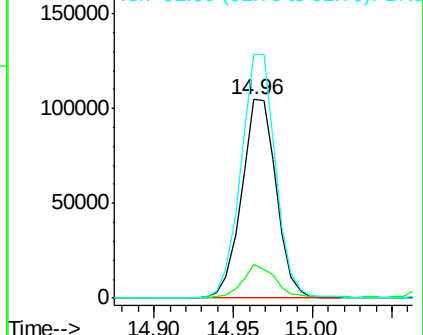
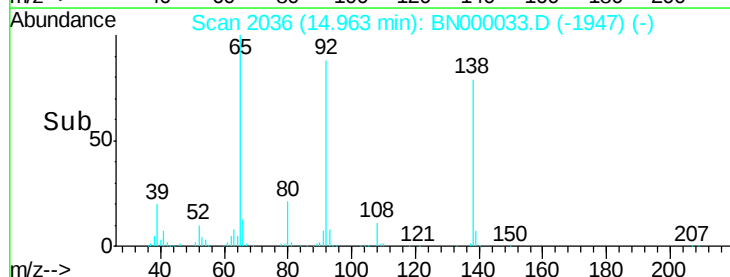
138 100

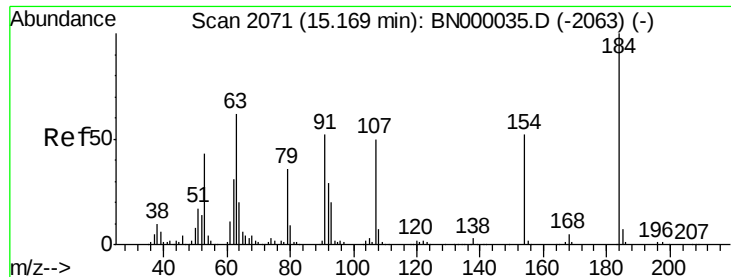
108 16.7 17.5 26.3#

92 122.7 105.8 158.8



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

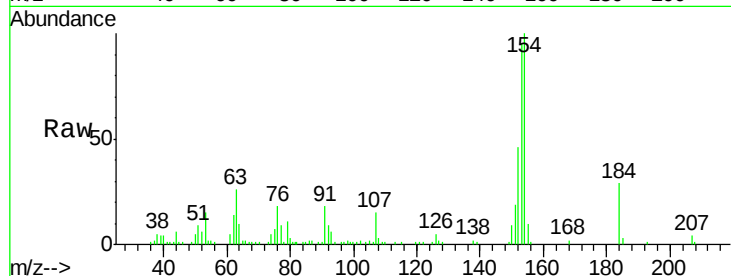




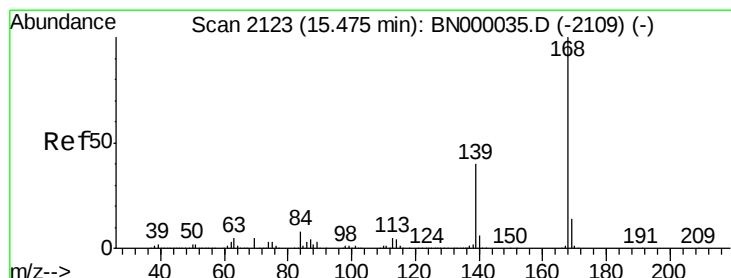
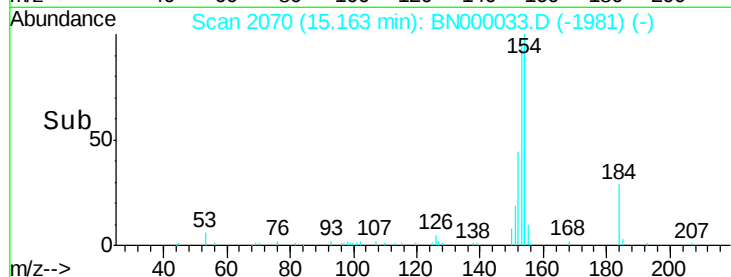
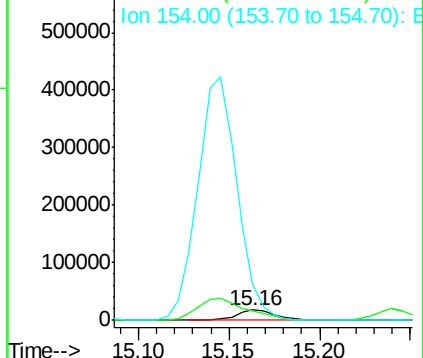
#53
2,4-Dinitrophenol
Concen: 7.718 ng
RT: 15.16 min Scan# 2070
Delta R.T. -0.01 min
Lab File: BN000033.D
Acq: 07 Feb 2018 12:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC010

Tot Ion:184 Resp: 26641
Ion Ratio Lower Upper
184 100
63 89.6 80.0 120.0
154 345.1 308.0 462.0

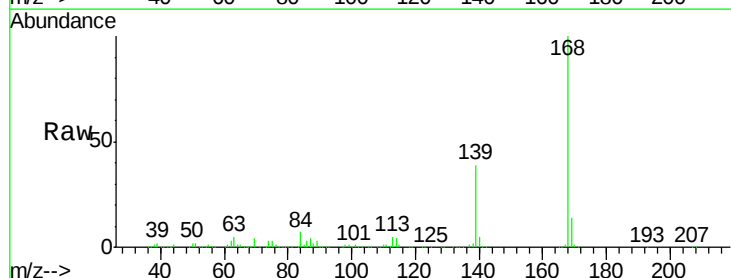


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): B
Ion 154.00 (153.70 to 154.70): E

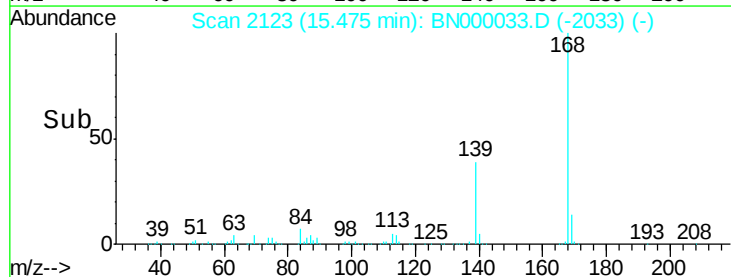
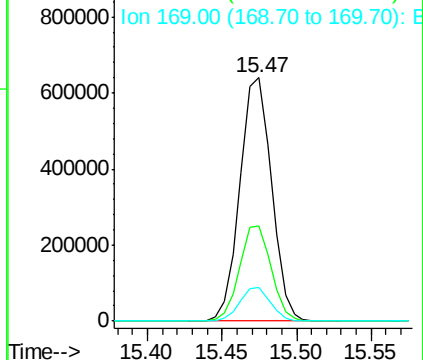


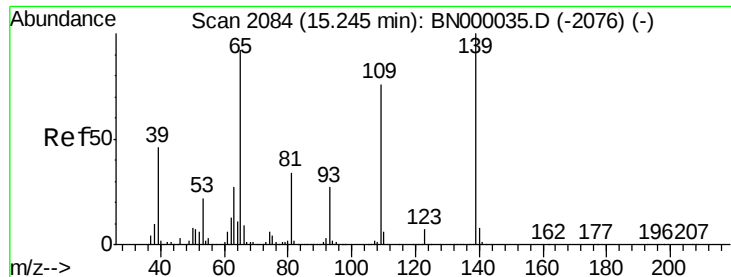
#54
Dibenzofuran
Concen: 9.829 ng
RT: 15.47 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BN000033.D
Acq: 07 Feb 2018 12:05

Tgt Ion:168 Resp: 943622
Ion Ratio Lower Upper
168 100
139 38.9 28.6 43.0
169 13.7 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: 7.067 ng

RT: 15.24 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

Instrument :

BNA_N

ClientSampleId :

SSTDIC010

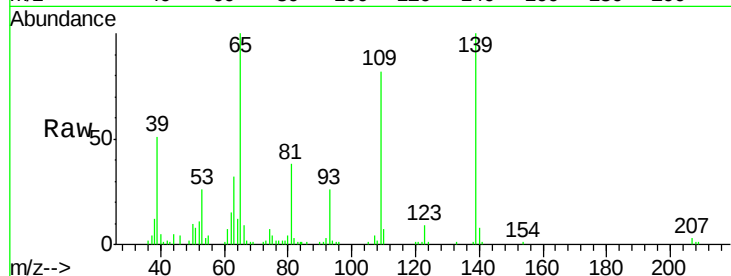
Tot Ion:139 Resp: 96483

Ion Ratio Lower Upper

139 100

109 81.5 62.2 102.2

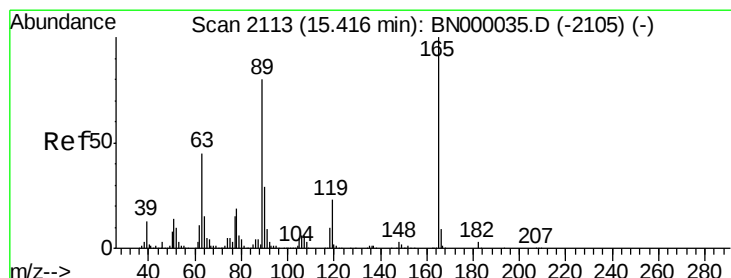
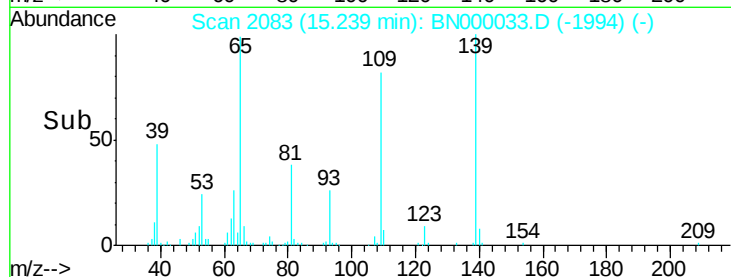
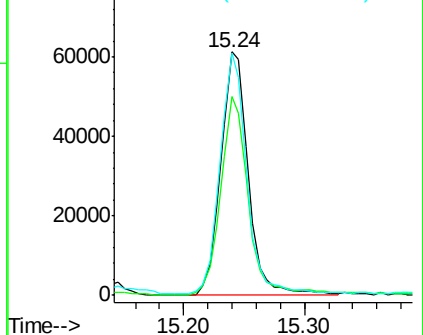
65 99.7 97.2 137.2



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BNC



#56

2,4-Dinitrotoluene

Concen: 7.932 ng

RT: 15.42 min Scan# 2113

Delta R.T. 0.00 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

Tgt Ion:165 Resp: 155308

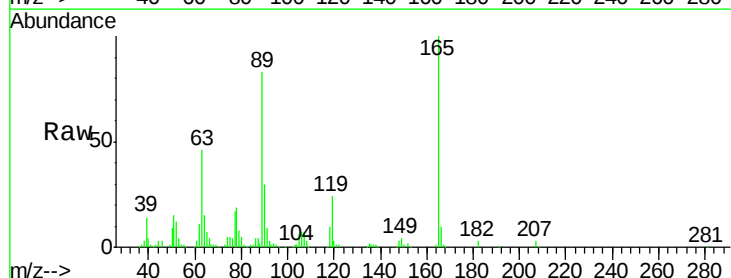
Ion Ratio Lower Upper

165 100

63 46.0 42.0 63.0

89 83.0 66.9 100.3

182 2.6 2.6 3.8

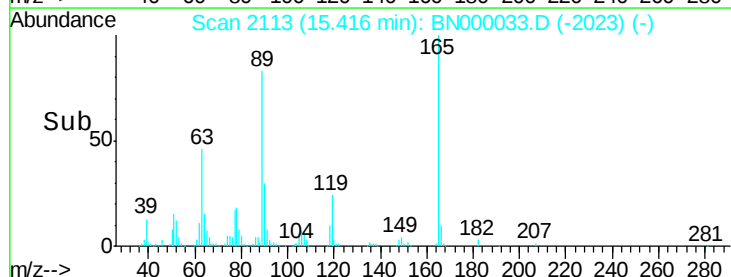
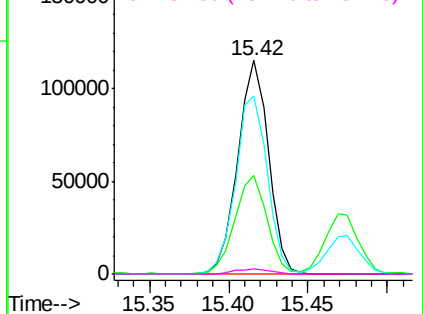


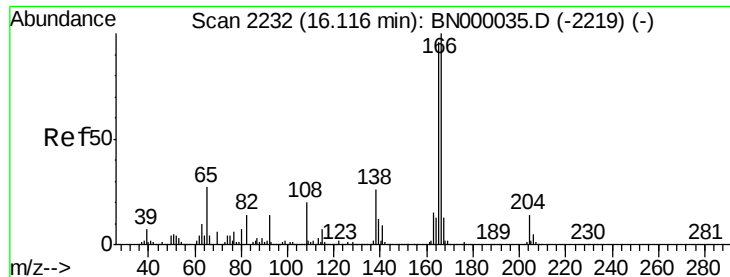
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 9.610 ng

RT: 16.12 min Scan# 2232

Delta R.T. 0.00 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

Instrument :

BNA_N

ClientSampleId :

SSTDIC010

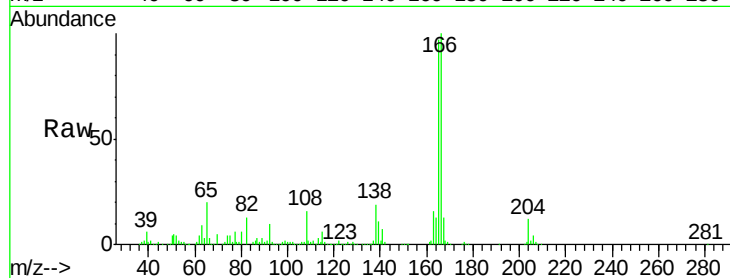
Tot Ion:166 Resp: 776905

Ion Ratio Lower Upper

166 100

165 97.3 80.6 121.0

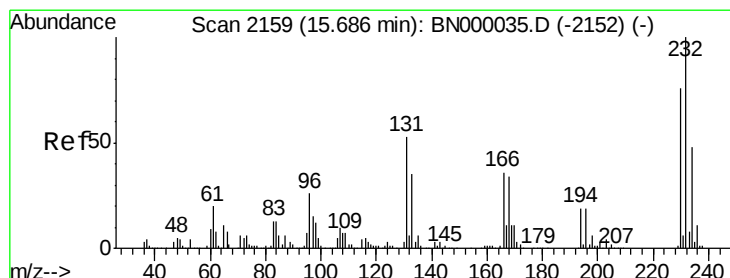
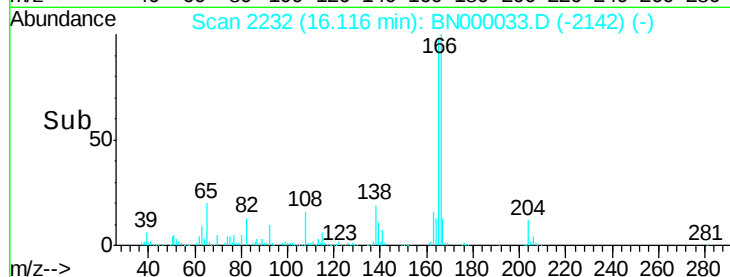
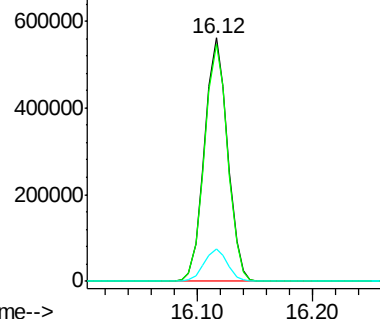
167 13.3 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 8.066 ng

RT: 15.69 min Scan# 2159

Delta R.T. 0.00 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

Tgt Ion:232 Resp: 125365

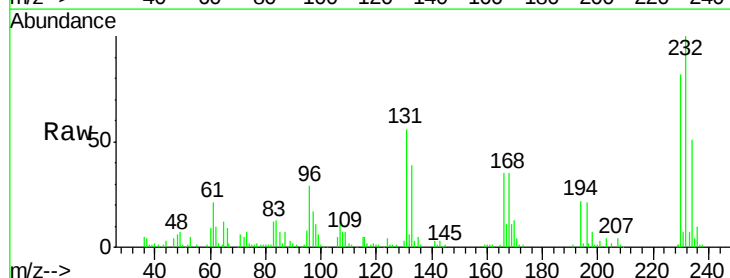
Ion Ratio Lower Upper

232 100

131 56.8 33.5 50.3#

130 3.0 2.2 3.2

166 39.2 24.8 37.2#

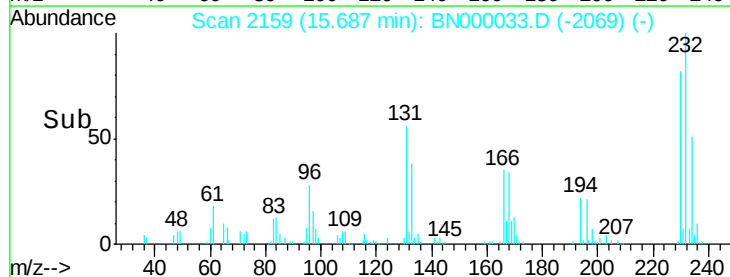
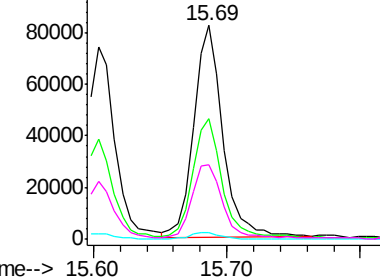


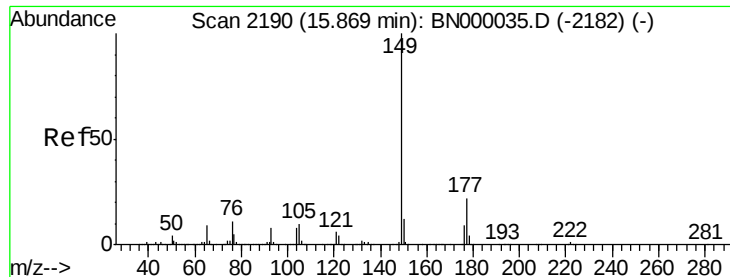
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

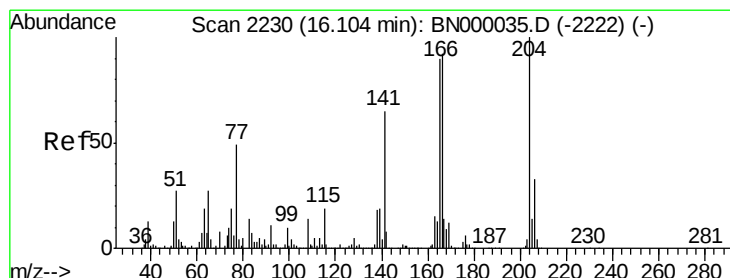
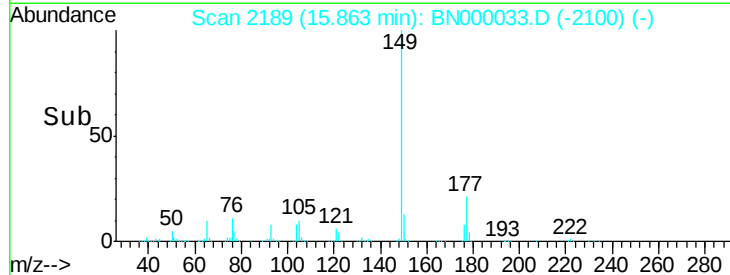
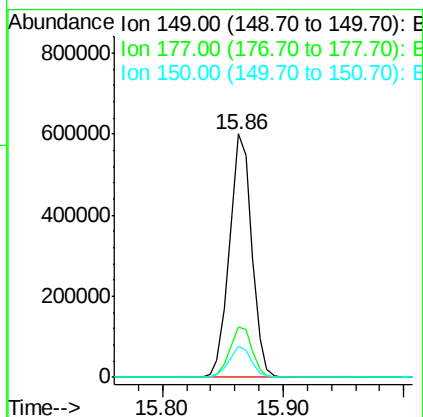
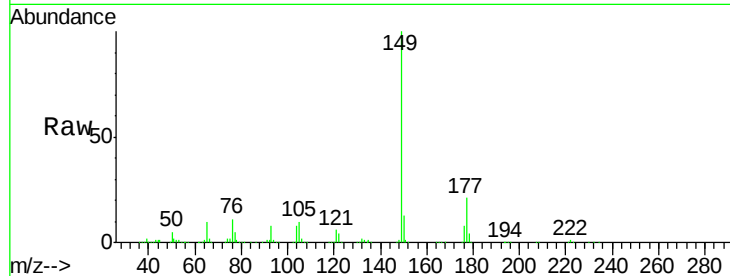




#59
Diethylphthalate
Concen: 8.788 ng
RT: 15.86 min Scan# 2189
Delta R.T. -0.01 min
Lab File: BN000033.D
Acq: 07 Feb 2018 12:05

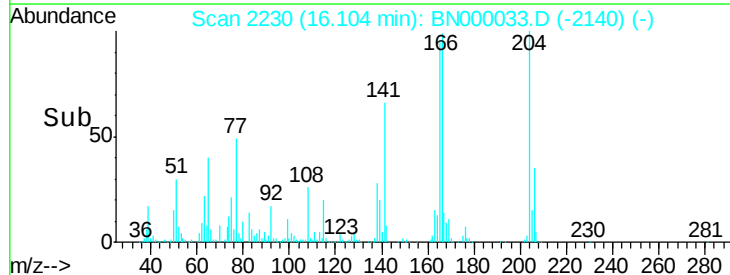
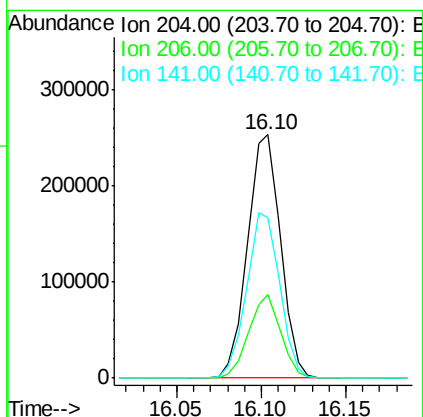
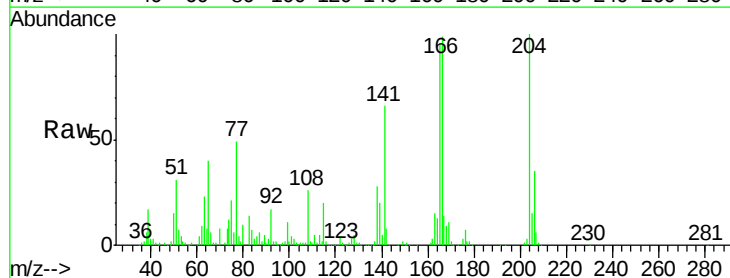
Instrument :
BNA_N
ClientSampleId :
SSTDIC010

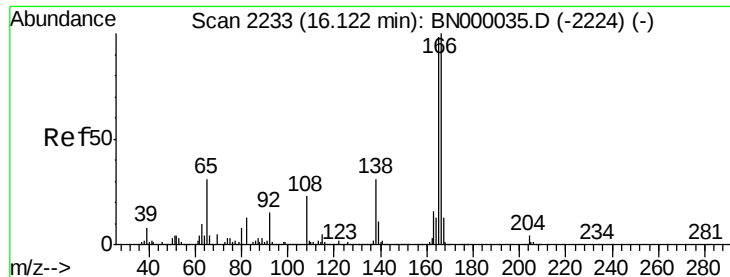
Tot Ion	Ratio	Lower	Upper
149	100		
177	20.9	18.5	27.7
150	12.8	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 9.689 ng
RT: 16.10 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BN000033.D
Acq: 07 Feb 2018 12:05

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.5	26.2	39.2
141	66.0	45.8	68.6

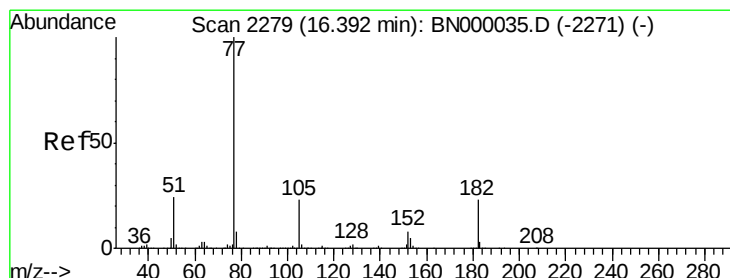
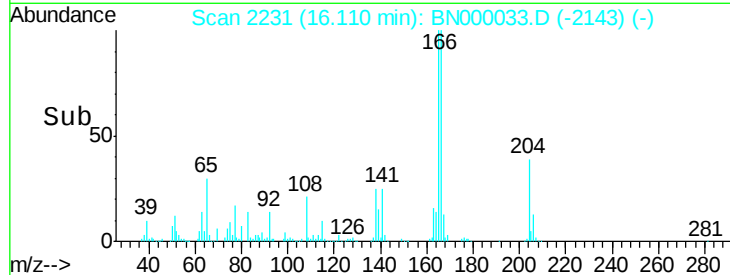
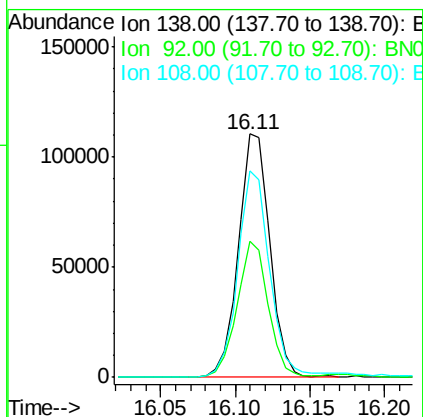
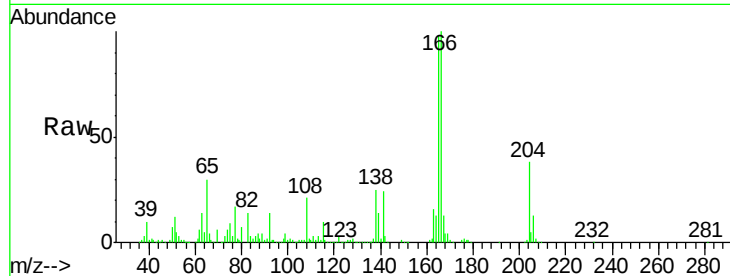




#61
4-Nitroaniline
Concen: 8.236 ng
RT: 16.11 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BN000033.D
Acq: 07 Feb 2018 12:05

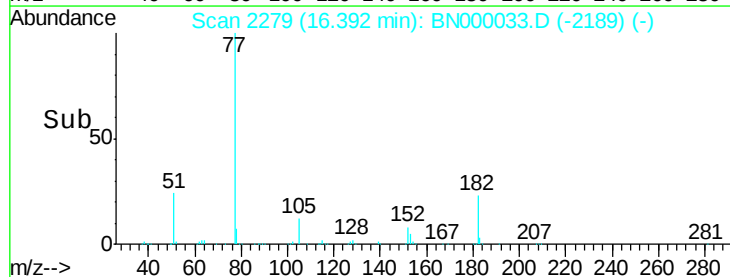
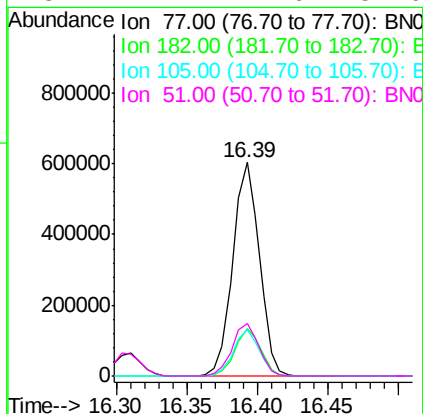
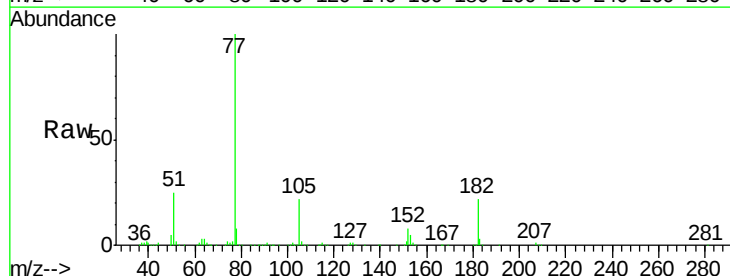
Instrument :
BNA_N
ClientSampleId :
SSTDIC010

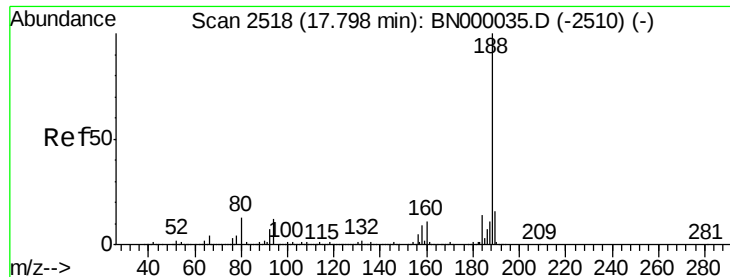
Tot Ion:138 Resp: 161531
Ion Ratio Lower Upper
138 100
92 56.0 40.1 80.1
108 85.0 65.4 105.4



#62
Azobenzene
Concen: 8.984 ng
RT: 16.39 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BN000033.D
Acq: 07 Feb 2018 12:05

Tgt Ion: 77 Resp: 789160
Ion Ratio Lower Upper
77 100
182 22.2 7.4 47.4
105 21.7 0.3 40.3
51 24.7 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.80 min Scan# 2519

Delta R.T. 0.01 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

Instrument :

BNA_N

ClientSampleId :

SSTDIC010

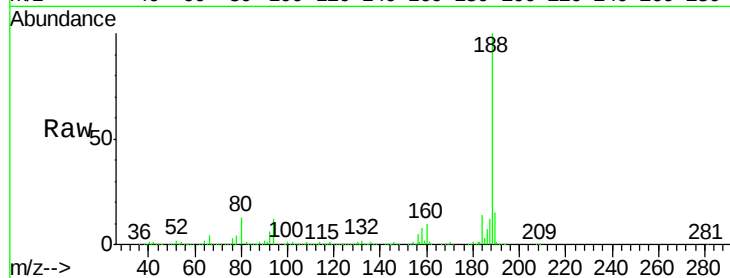
Tot Ion:188 Resp: 2091964

Ion Ratio Lower Upper

188 100

94 11.9 6.9 10.3#

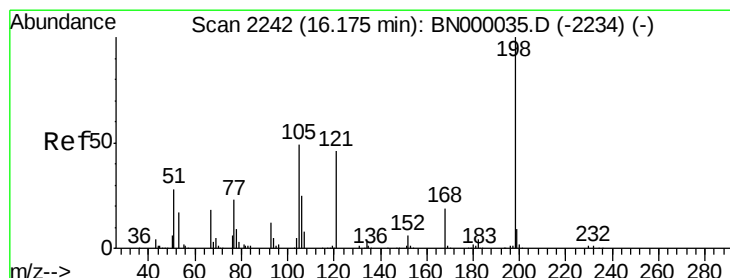
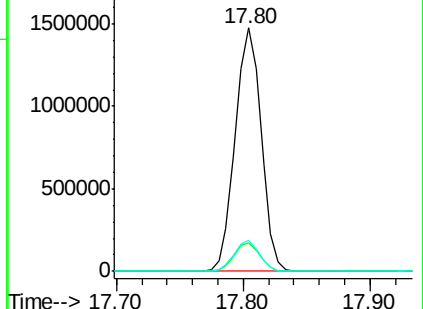
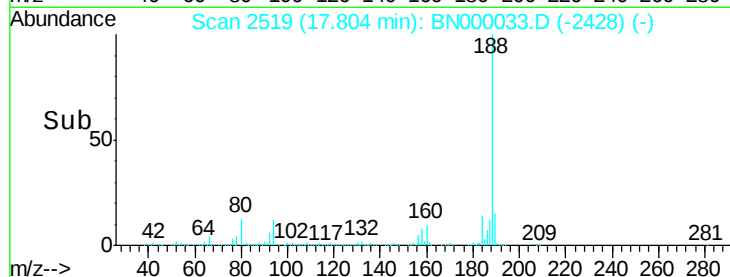
80 12.5 7.7 11.5#



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: 7.587 ng

RT: 16.17 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

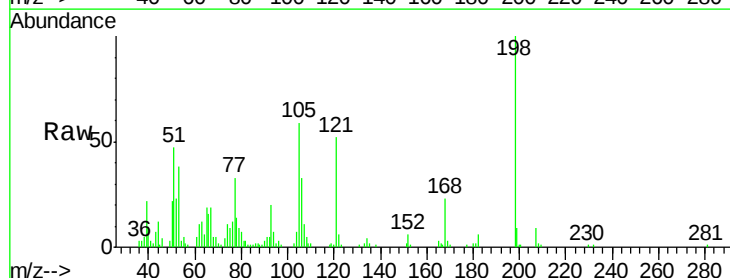
Tgt Ion:198 Resp: 48996

Ion Ratio Lower Upper

198 100

51 46.9 30.6 70.6

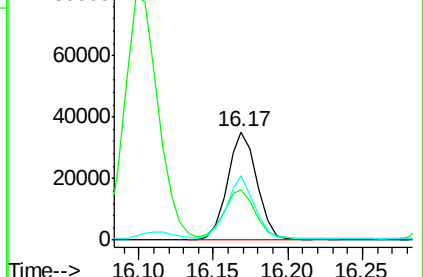
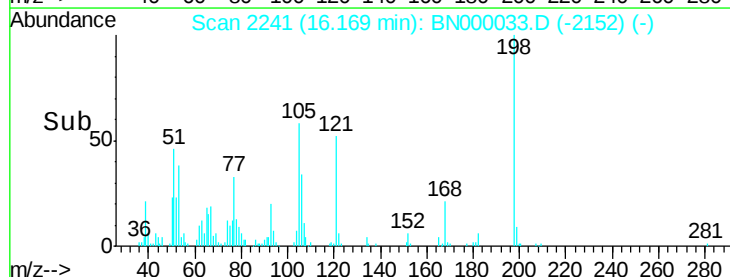
105 59.3 23.8 63.8

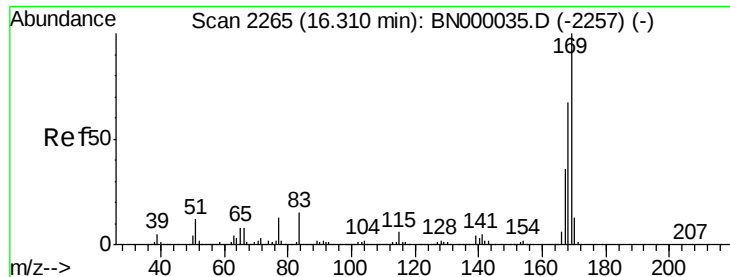


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

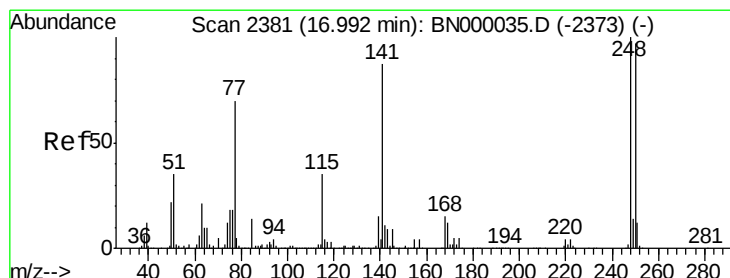
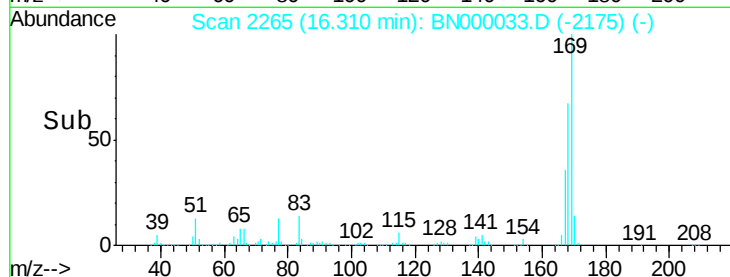
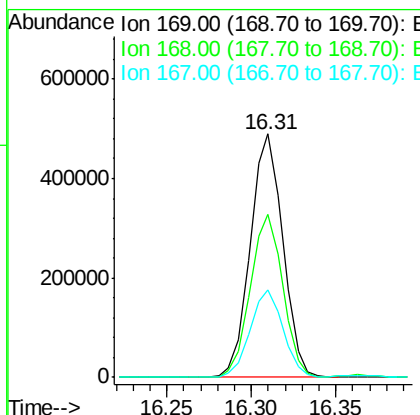
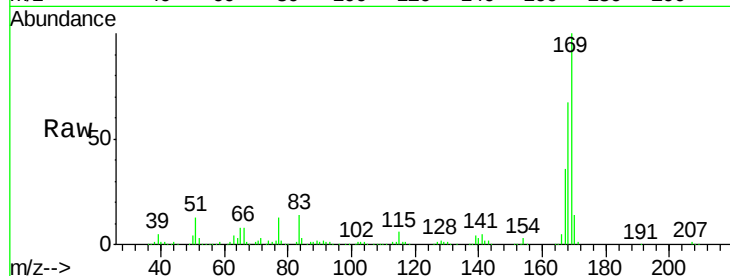




#65
n-Nitrosodiphenylamine
Concen: 9.622 ng
RT: 16.31 min Scan# 2265
Delta R.T. 0.00 min
Lab File: BN000033.D
Acq: 07 Feb 2018 12:05

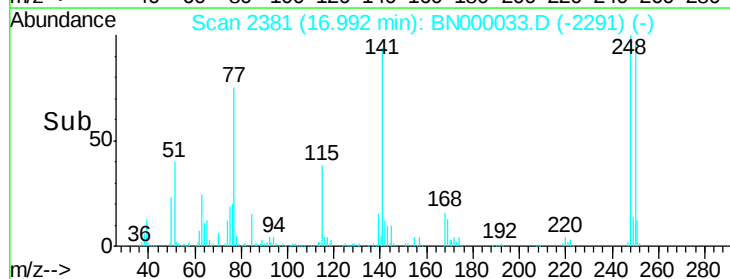
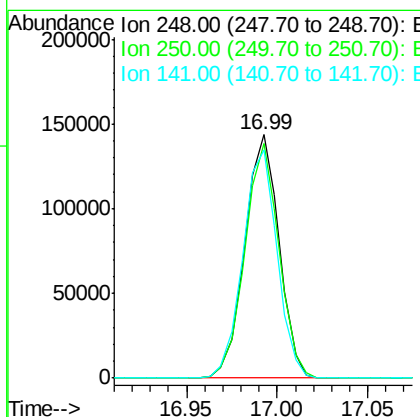
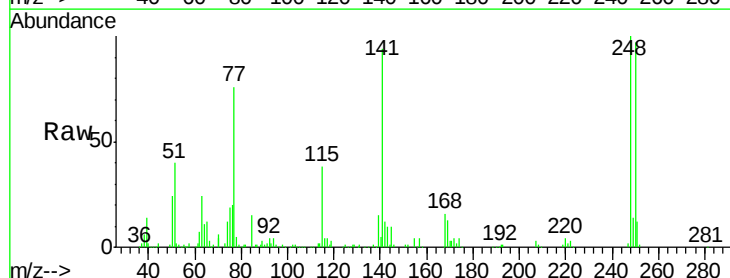
Instrument :
BNA_N
ClientSampleId :
SSTDIC010

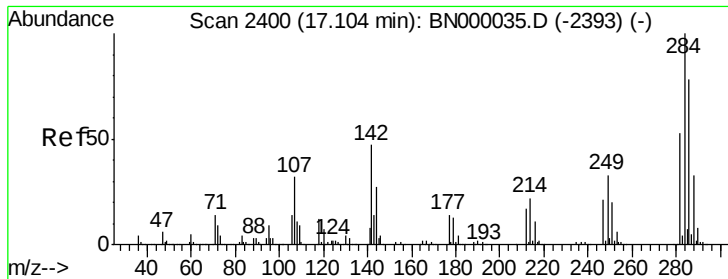
Tot Ion	Ratio	Lower	Upper
169	100		
168	66.8	55.7	83.5
167	36.2	30.1	45.1



#66
4-Bromophenyl-phenylether
Concen: 9.638 ng
RT: 16.99 min Scan# 2381
Delta R.T. 0.00 min
Lab File: BN000033.D
Acq: 07 Feb 2018 12:05

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.6	77.1	115.7
141	93.5	50.8	76.2

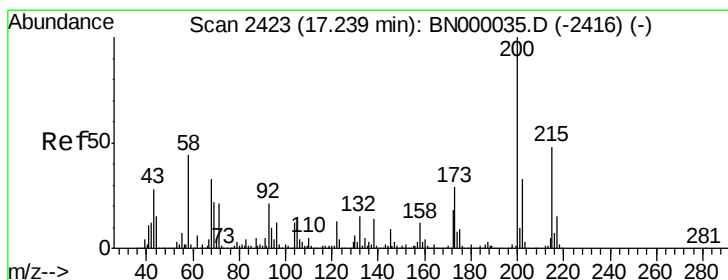
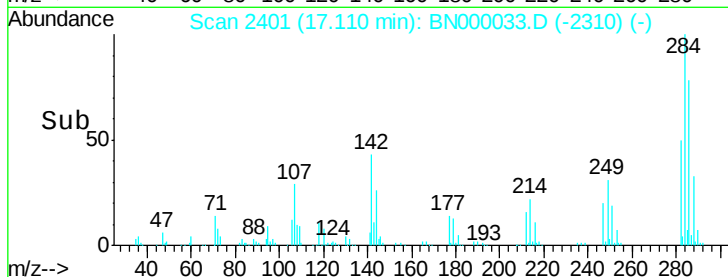
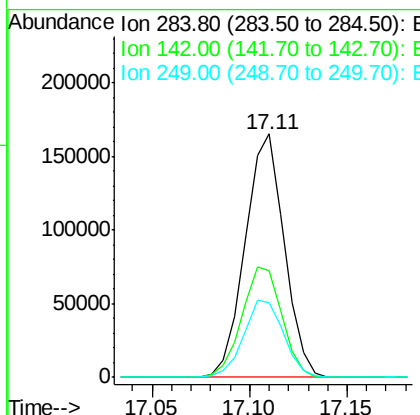
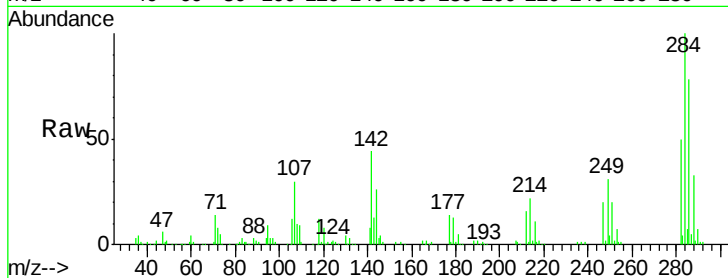




#67
Hexachlorobenzene
Concen: 10.162 ng
RT: 17.11 min Scan# 2401
Delta R.T. 0.01 min
Lab File: BN000033.D
Acq: 07 Feb 2018 12:05

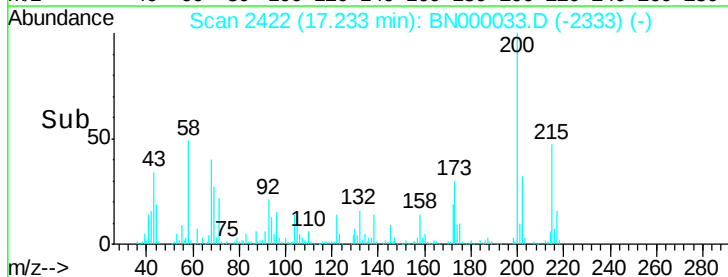
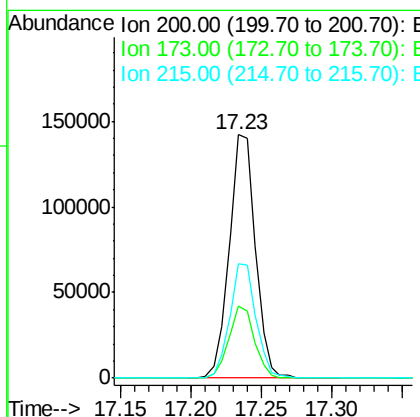
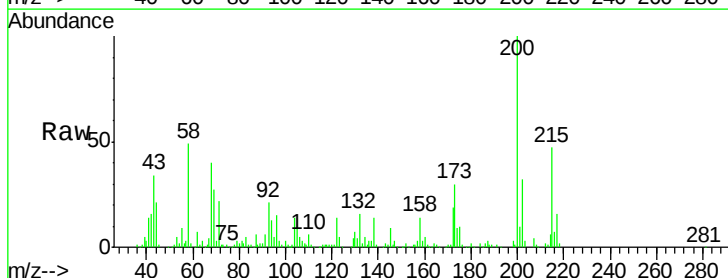
Instrument :
BNA_N
ClientSampleId :
SSTDIC010

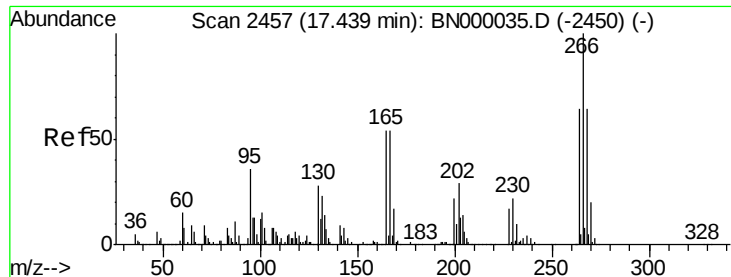
Tot Ion:284 Resp: 229175
Ion Ratio Lower Upper
284 100
142 43.6 26.8 40.2#
249 30.6 26.3 39.5



#68
Atrazine
Concen: 8.825 ng
RT: 17.23 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BN000033.D
Acq: 07 Feb 2018 12:05

Tgt Ion:200 Resp: 183892
Ion Ratio Lower Upper
200 100
173 29.8 5.2 45.2
215 47.1 30.4 70.4





#69

Pentachlorophenol

Concen: 6.700 ng

RT: 17.45 min Scan# 2458

Delta R.T. 0.01 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

Instrument :

BNA_N

ClientSampleId :

SSTDIC010

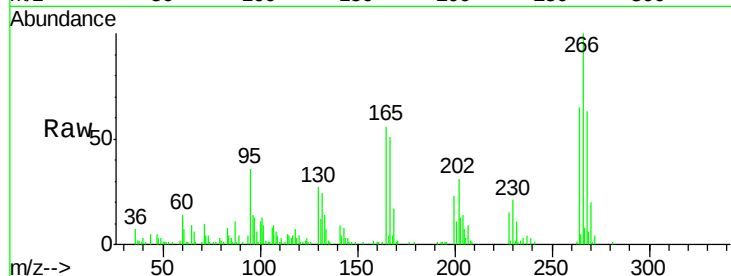
Tot Ion:266 Resp: 90501

Ion Ratio Lower Upper

266 100

268 63.3 51.1 76.7

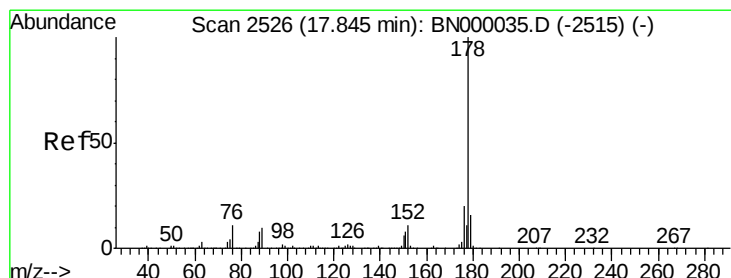
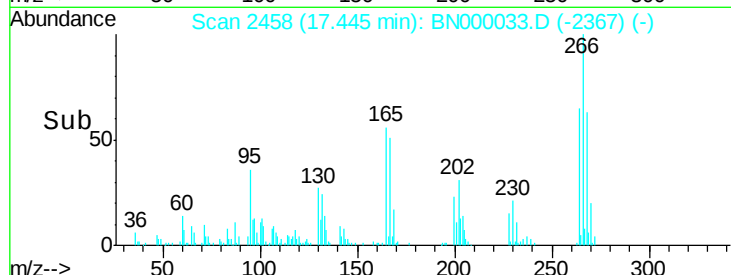
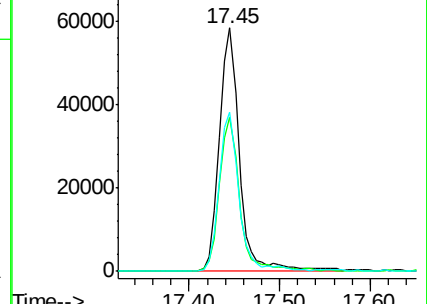
264 65.4 49.6 74.4



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: 10.029 ng

RT: 17.85 min Scan# 2526

Delta R.T. 0.00 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

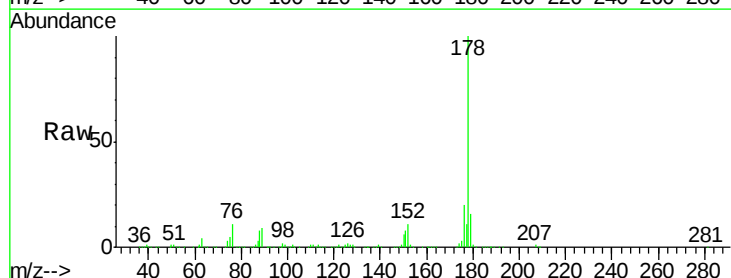
Tgt Ion:178 Resp: 1262392

Ion Ratio Lower Upper

178 100

176 19.9 15.7 23.5

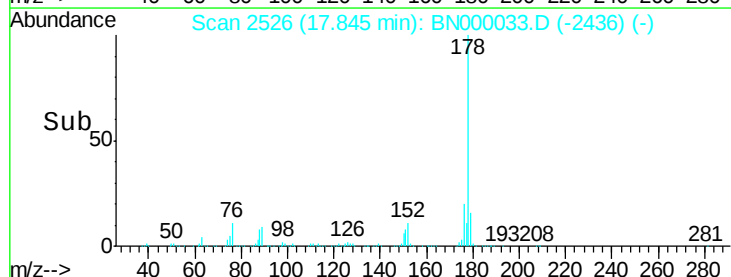
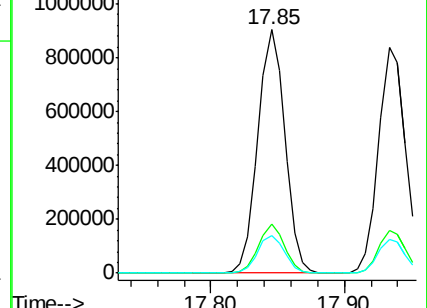
179 15.5 12.5 18.7

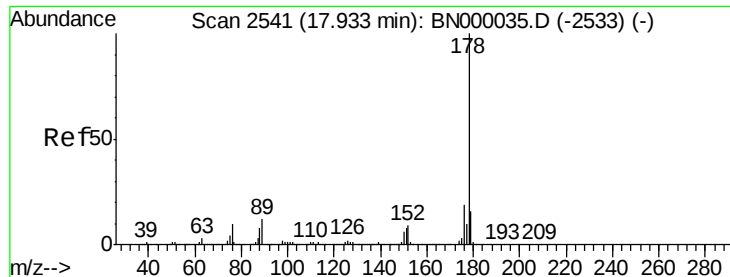


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

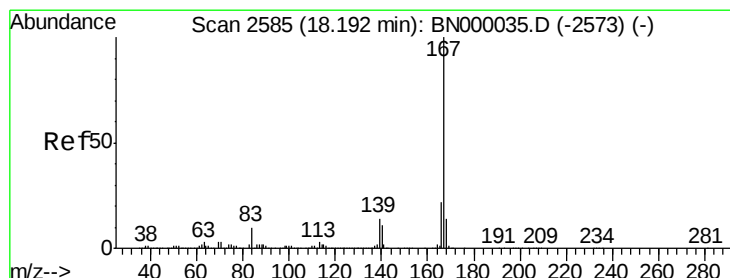
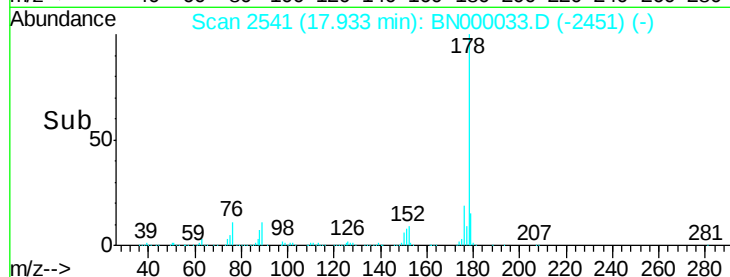
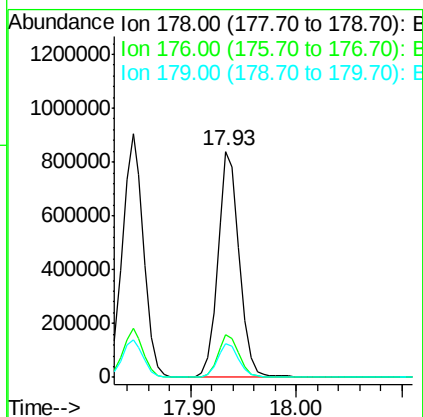
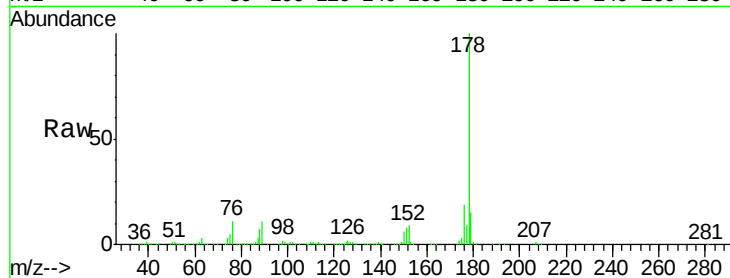




#71
 Anthracene
 Concen: 9.468 ng
 RT: 17.93 min Scan# 2541
 Delta R.T. 0.00 min
 Lab File: BN000033.D
 Acq: 07 Feb 2018 12:05

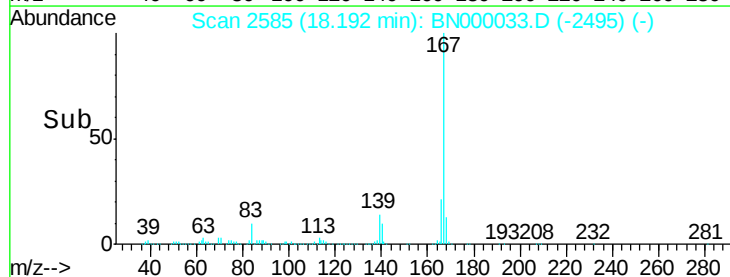
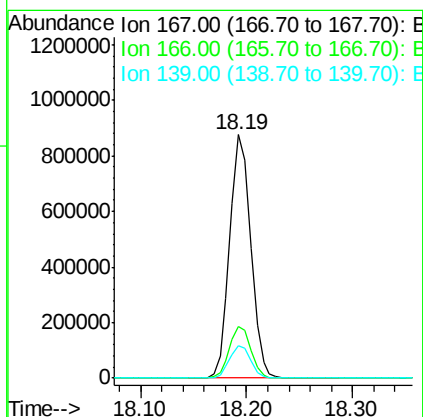
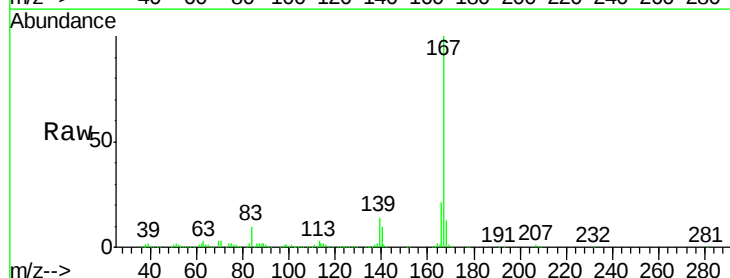
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC010

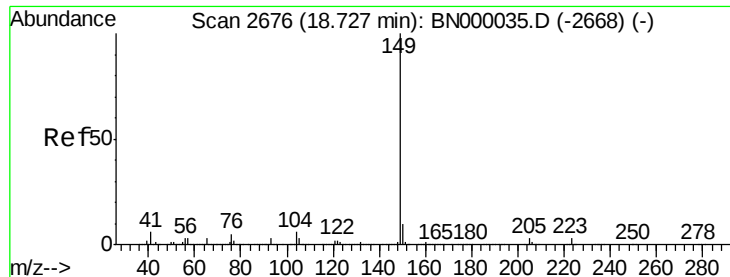
Tot Ion:178 Resp: 1180611
 Ion Ratio Lower Upper
 178 100
 176 18.6 16.0 24.0
 179 15.1 12.5 18.7



#72
 Carbazole
 Concen: 9.375 ng
 RT: 18.19 min Scan# 2585
 Delta R.T. 0.00 min
 Lab File: BN000033.D
 Acq: 07 Feb 2018 12:05

Tgt Ion:167 Resp: 1209455
 Ion Ratio Lower Upper
 167 100
 166 21.3 18.2 27.4
 139 13.5 9.4 14.2





#73

Di-n-butylphthalate

Concen: 7.749 ng

RT: 18.73 min Scan# 2677

Delta R.T. 0.01 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

Instrument :

BNA_N

ClientSampleId :

SSTDIC010

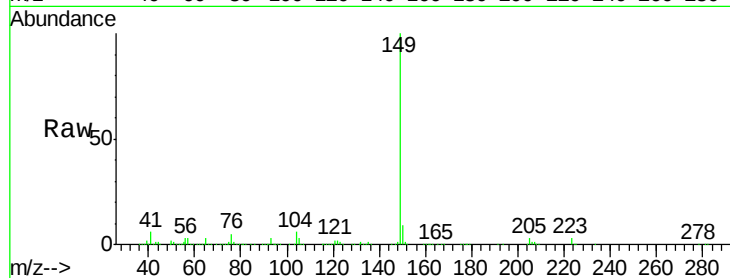
Tot Ion:149 Resp: 1110254

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

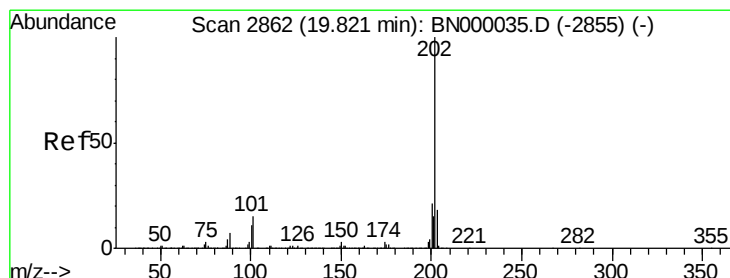
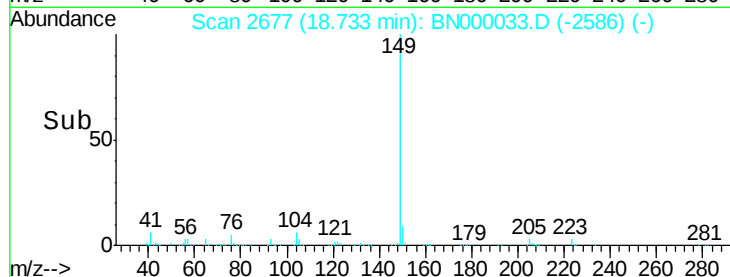
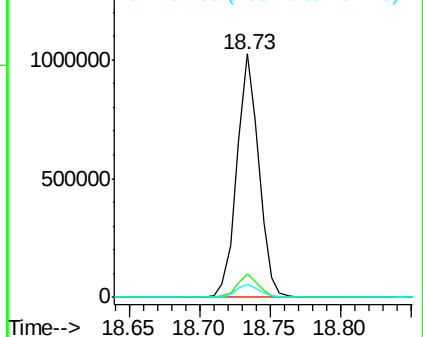
104 5.6 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 9.170 ng

RT: 19.83 min Scan# 2863

Delta R.T. 0.01 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

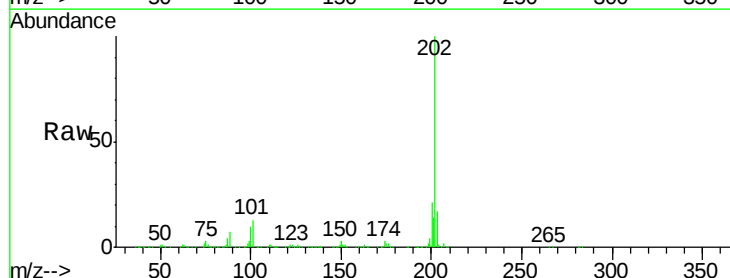
Tgt Ion:202 Resp: 1310640

Ion Ratio Lower Upper

202 100

101 13.5 0.0 28.9

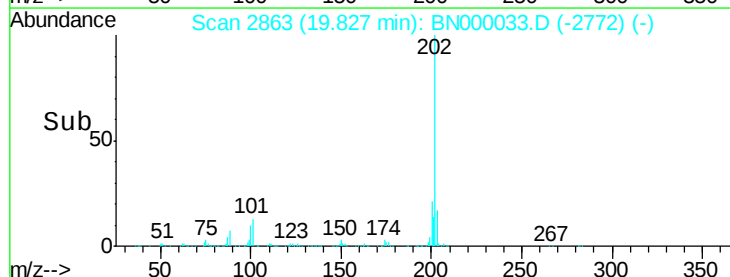
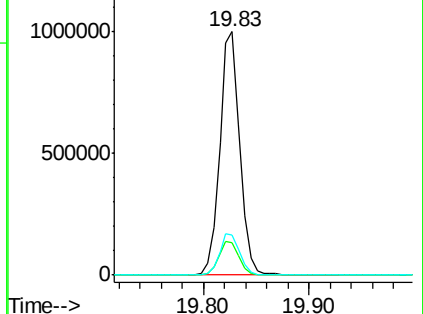
203 16.5 0.0 37.5

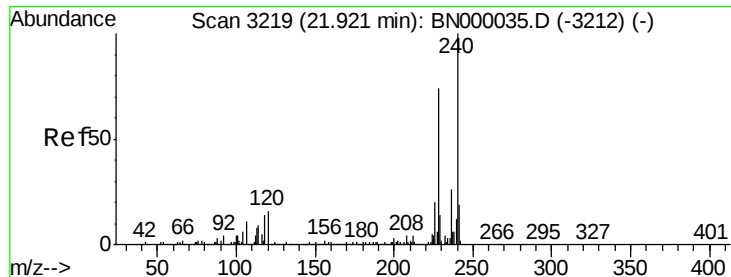


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.93 min Scan# 3220

Delta R.T. 0.01 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

Instrument :

BNA_N

ClientSampleId :

SSTDIC010

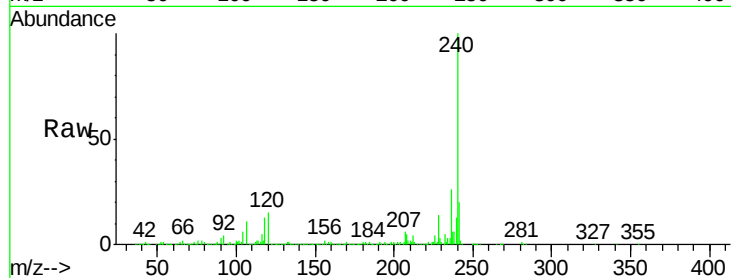
Tot Ion:240 Resp: 2340933

Ion Ratio Lower Upper

240 100

120 15.1 6.8 10.2#

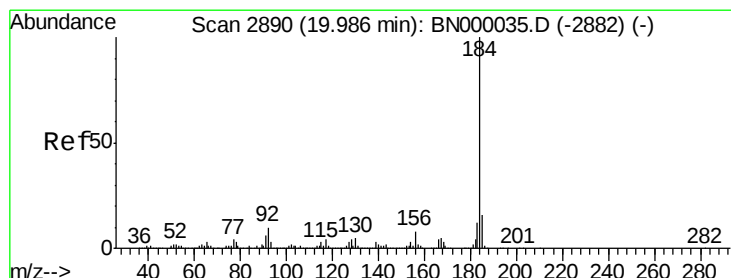
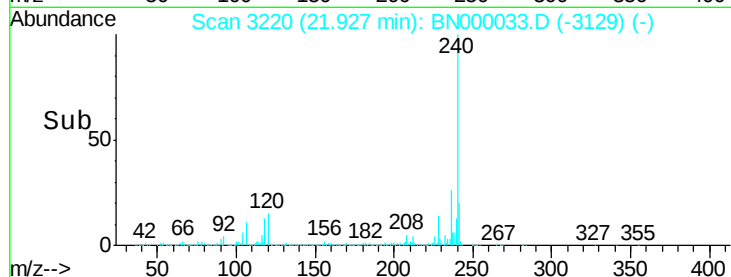
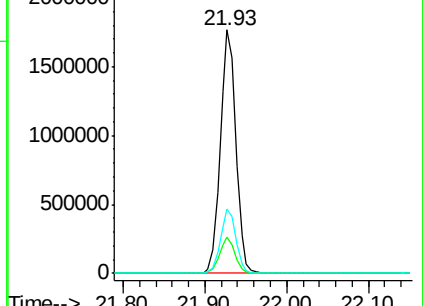
236 26.4 20.9 31.3



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: 9.280 ng

RT: 19.99 min Scan# 2891

Delta R.T. 0.01 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

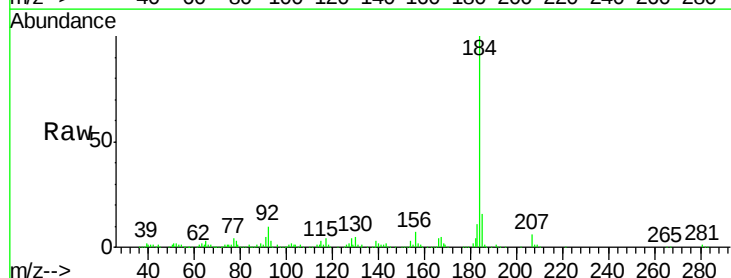
Tgt Ion:184 Resp: 549902

Ion Ratio Lower Upper

184 100

185 16.1 11.1 16.7

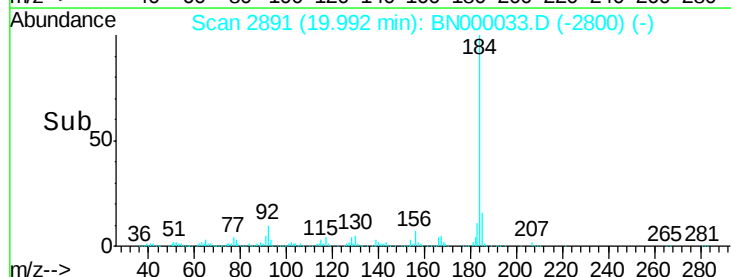
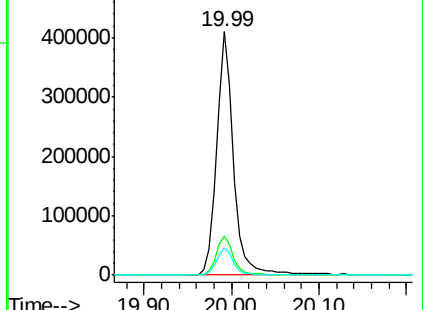
183 11.0 10.6 16.0

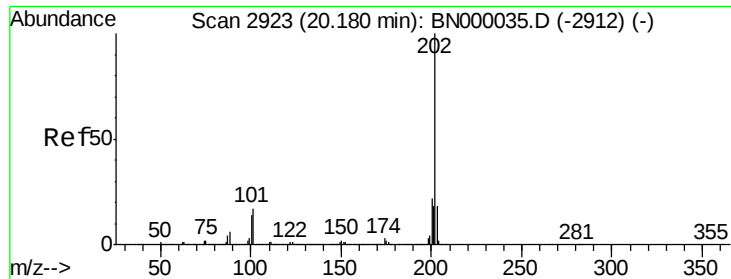


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

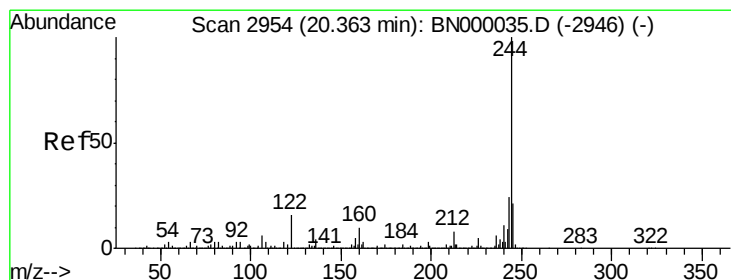
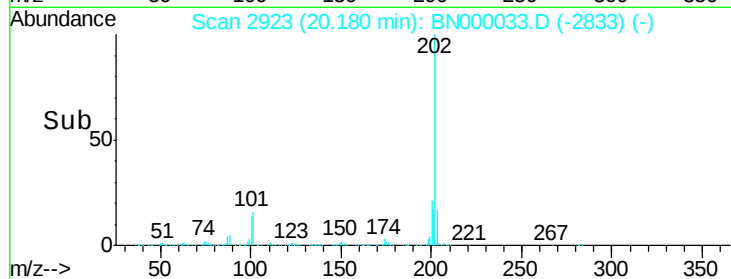
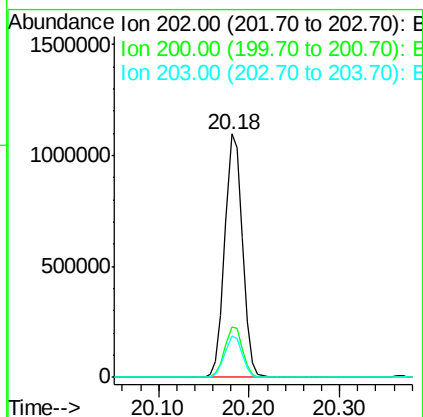
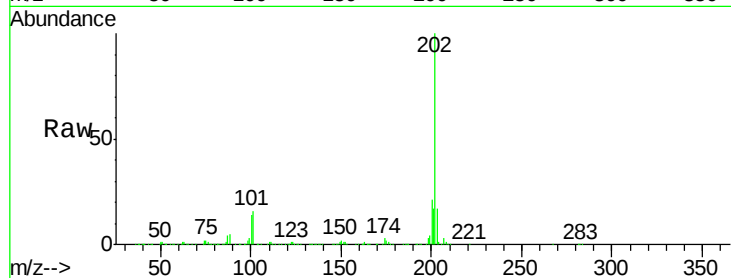




#77
Pvrene
Concen: 10.037 ng
RT: 20.18 min Scan# 2923
Delta R.T. 0.00 min
Lab File: BN000033.D
Acq: 07 Feb 2018 12:05

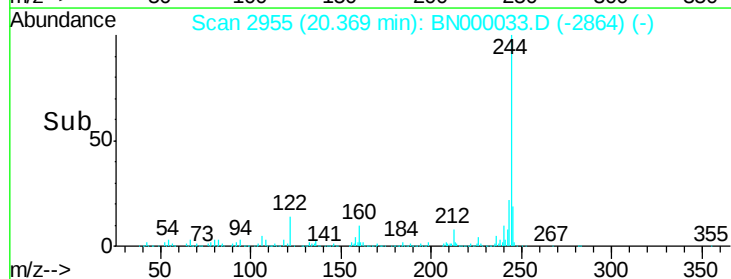
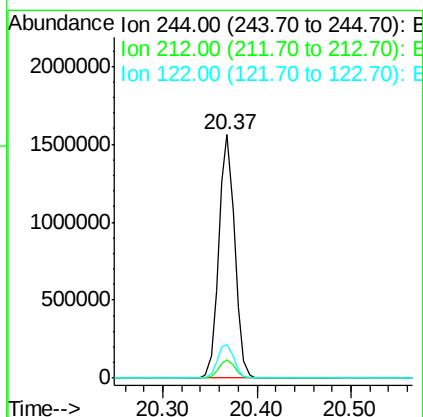
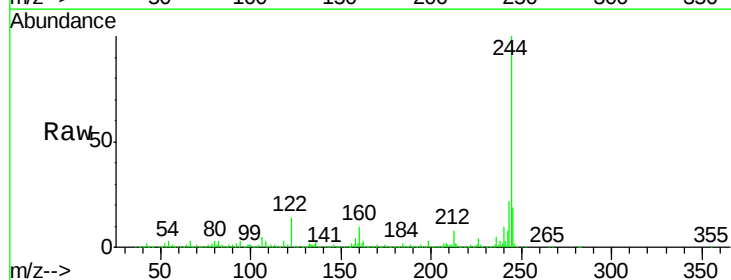
Instrument :
BNA_N
ClientSampleId :
SSTDICC010

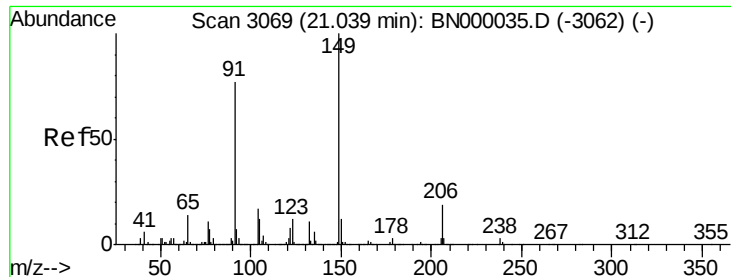
Tot Ion:202 Resp: 1482268
Ion Ratio Lower Upper
202 100
200 20.6 16.9 25.3
203 16.9 13.9 20.9



#78
Terphenyl-d14
Concen: 20.886 ng
RT: 20.37 min Scan# 2955
Delta R.T. 0.01 min
Lab File: BN000033.D
Acq: 07 Feb 2018 12:05

Tgt Ion:244 Resp: 1852405
Ion Ratio Lower Upper
244 100
212 7.7 5.8 8.8
122 13.8 7.0 10.4#

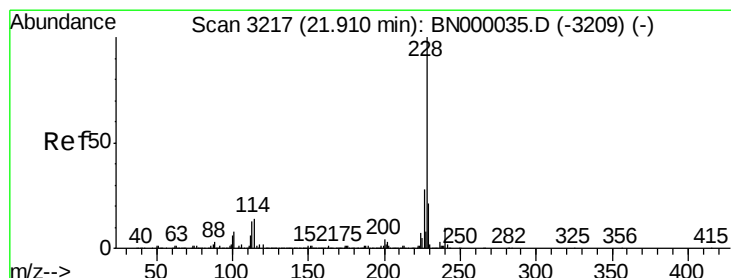
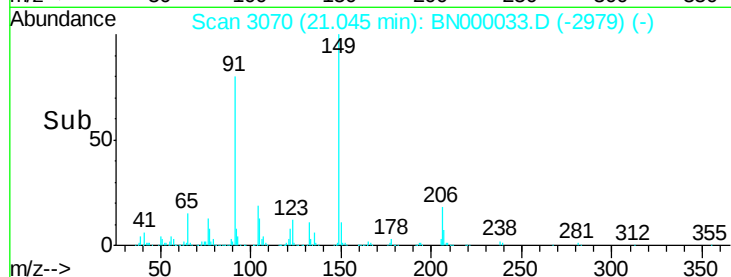
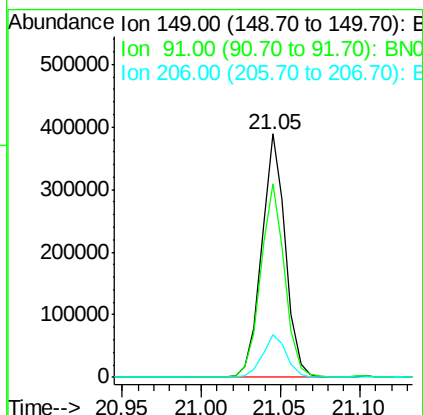
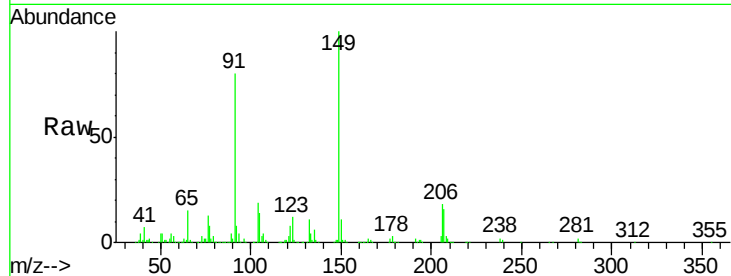




#79
Butylbenzylphthalate
Concen: 6.859 ng
RT: 21.05 min Scan# 3070
Delta R.T. 0.01 min
Lab File: BN000033.D
Acq: 07 Feb 2018 12:05

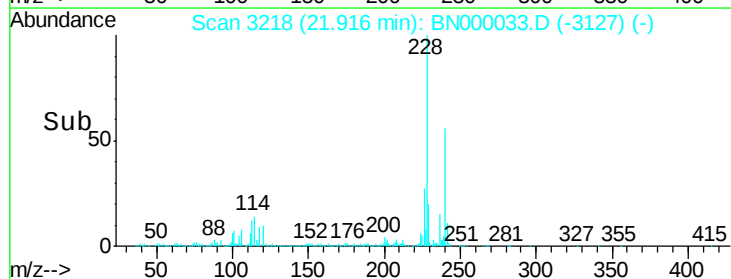
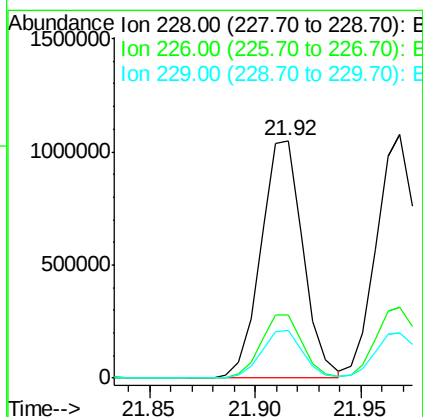
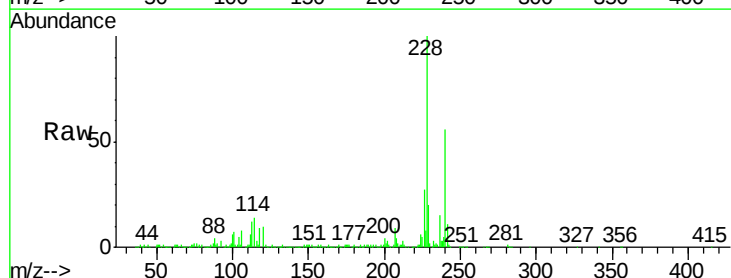
Instrument :
BNA_N
ClientSampleId :
SSTDIC010

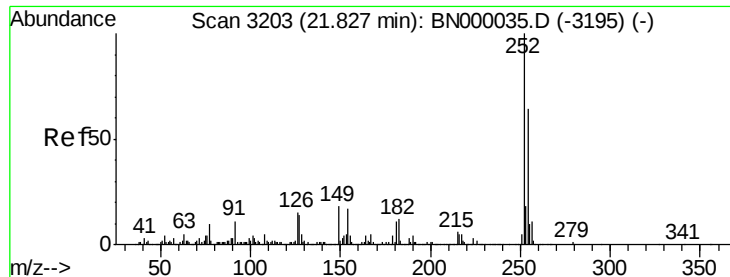
Tot Ion:149 Resp: 403782
Ion Ratio Lower Upper
149 100
91 79.7 62.2 93.2
206 17.5 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 9.980 ng
RT: 21.92 min Scan# 3218
Delta R.T. 0.01 min
Lab File: BN000033.D
Acq: 07 Feb 2018 12:05

Tgt Ion:228 Resp: 1448446
Ion Ratio Lower Upper
228 100
226 26.6 22.7 34.1
229 19.9 16.2 24.2

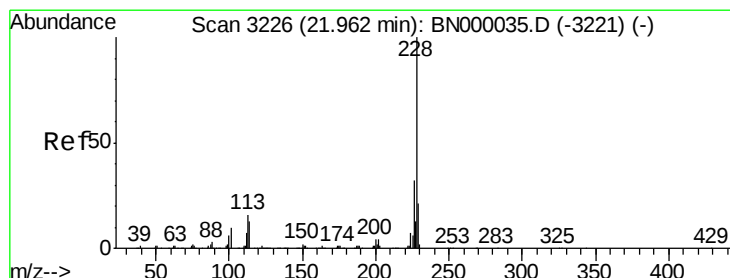
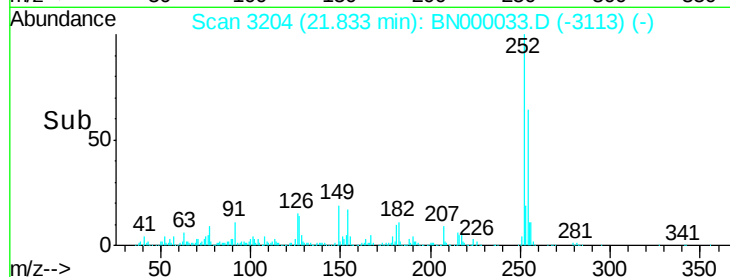
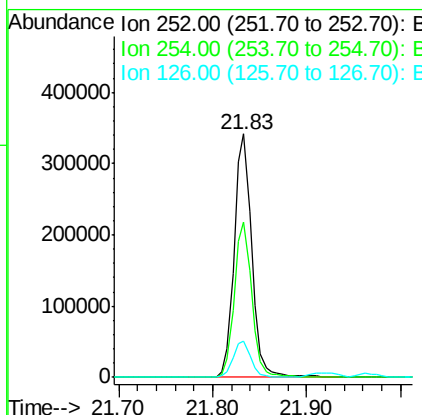
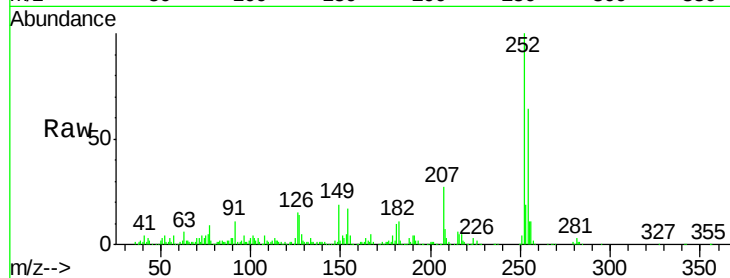




#81
 3,3'-Dichlorobenzidine
 Concen: 9.091 ng
 RT: 21.83 min Scan# 3204
 Delta R.T. 0.01 min
 Lab File: BN000033.D
 Acq: 07 Feb 2018 12:05

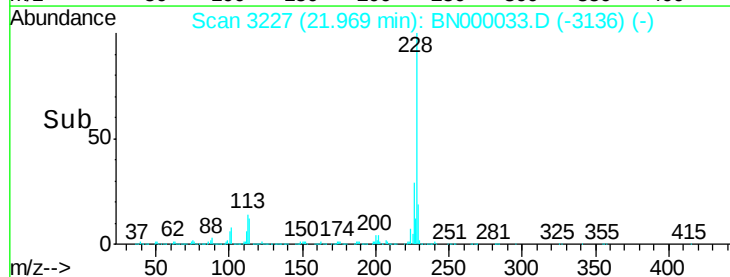
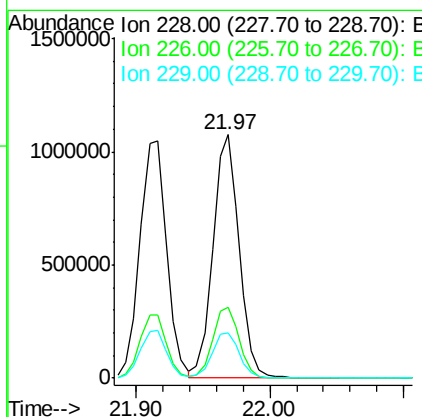
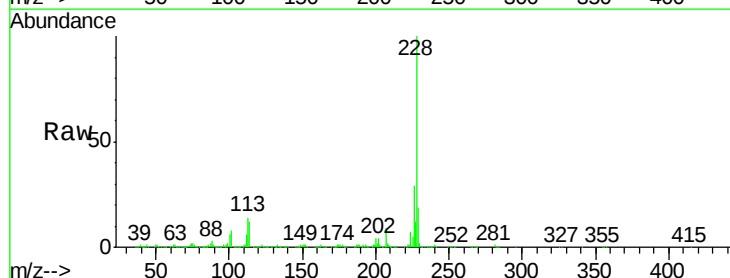
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC010

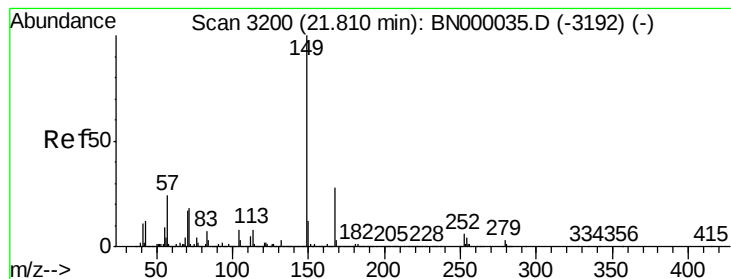
Tot Ion:252 Resp: 442153
 Ion Ratio Lower Upper
 252 100
 254 64.0 50.8 76.2
 126 15.0 7.4 11.2#



#82
 Chrysene
 Concen: 10.222 ng
 RT: 21.97 min Scan# 3227
 Delta R.T. 0.01 min
 Lab File: BN000033.D
 Acq: 07 Feb 2018 12:05

Tgt Ion:228 Resp: 1473490
 Ion Ratio Lower Upper
 228 100
 226 29.3 24.9 37.3
 229 18.7 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 7.156 ng

RT: 21.82 min Scan# 3201

Delta R.T. 0.01 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

Instrument :

BNA_N

ClientSampleId :

SSTDIC010

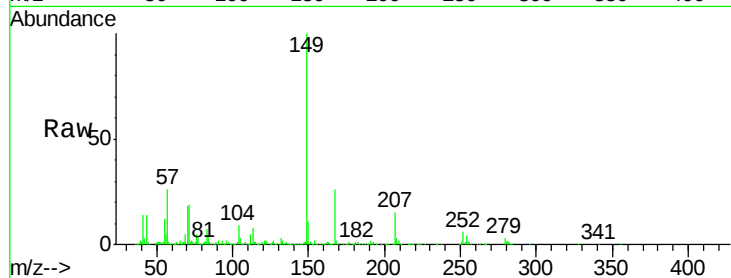
Tot Ion:149 Resp: 697070

Ion Ratio Lower Upper

149 100

167 26.1 24.3 36.5

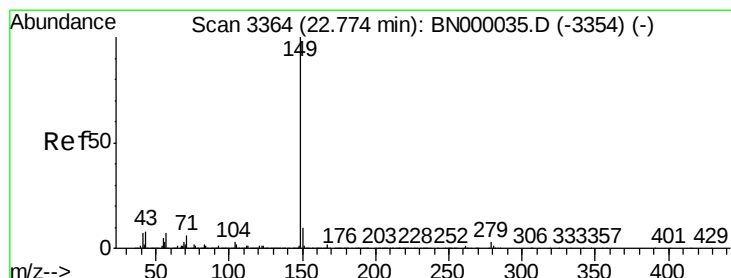
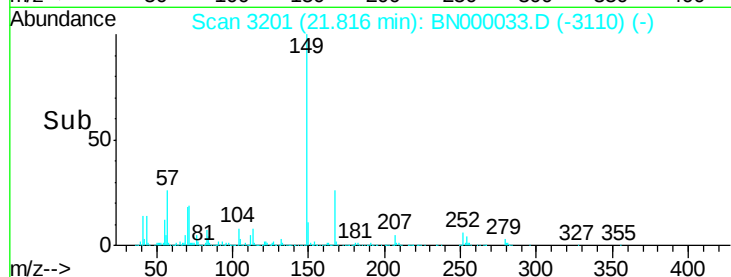
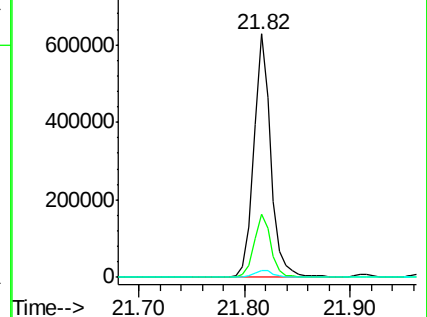
279 3.0 4.0 6.0#



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: 6.312 ng

RT: 22.78 min Scan# 3365

Delta R.T. 0.01 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

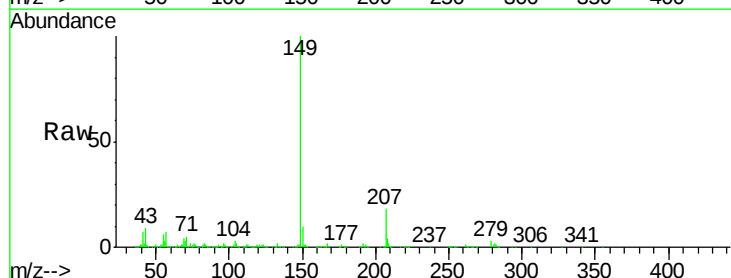
Tgt Ion:149 Resp: 995107

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

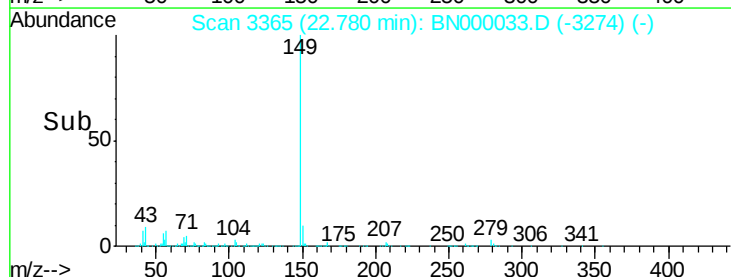
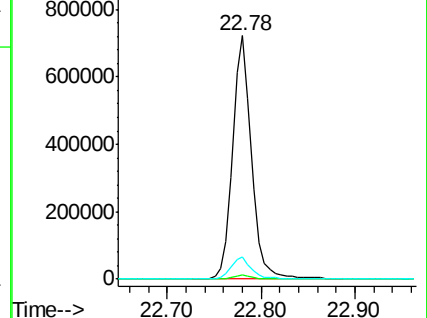
43 9.6 8.9 13.3

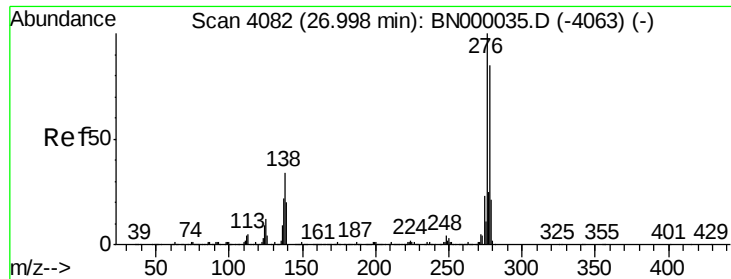


Abundance Ion 149.00 (148.70 to 149.70): E

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: 9.224 ng

RT: 26.99 min Scan# 4081

Delta R.T. -0.01 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

Instrument :

BNA_N

ClientSampleId :

SSTDIC010

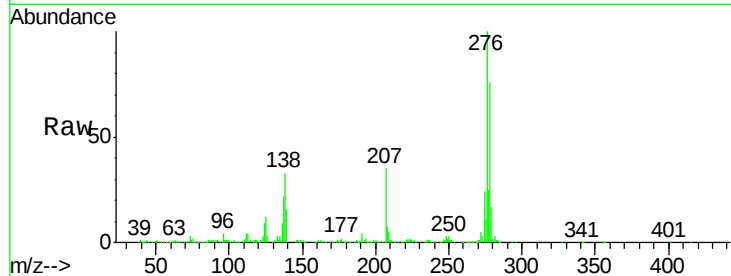
Tot Ion:276 Resp: 1715134

Ion Ratio Lower Upper

276 100

138 33.7 16.0 24.0#

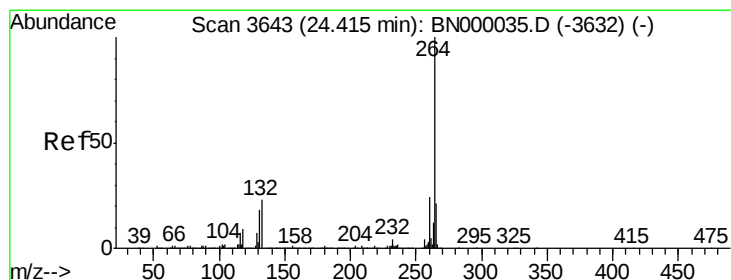
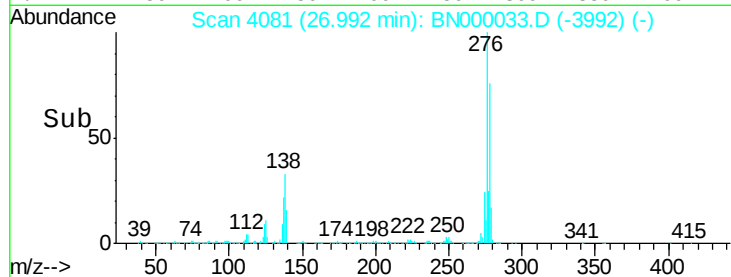
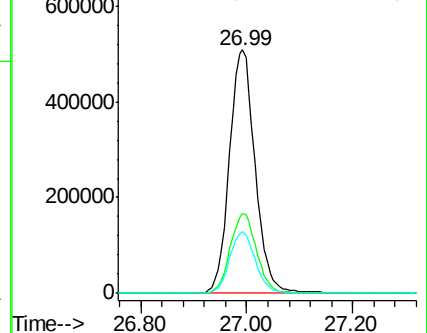
277 25.4 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.42 min Scan# 3644

Delta R.T. 0.01 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

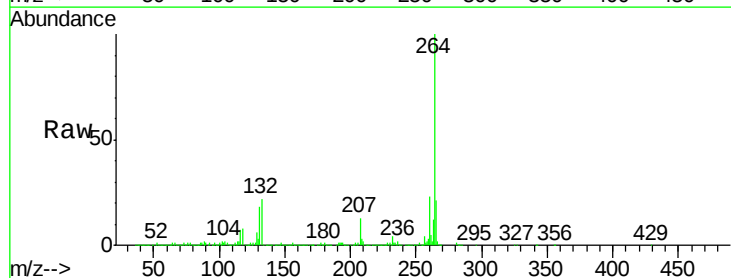
Tgt Ion:264 Resp: 2504758

Ion Ratio Lower Upper

264 100

260 22.7 17.4 26.0

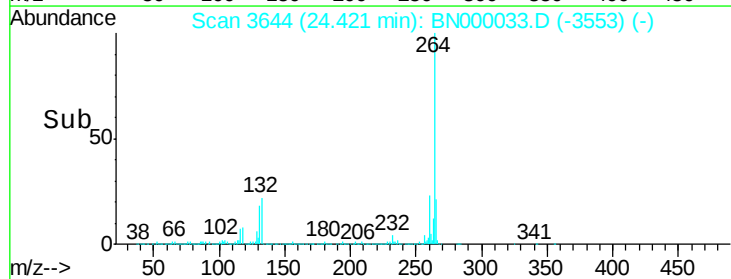
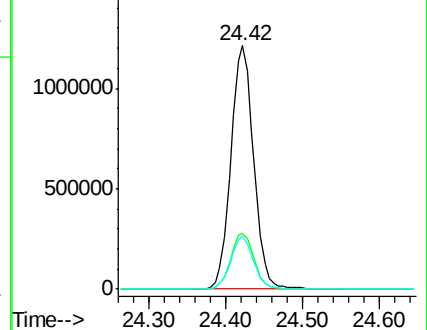
265 21.5 17.7 26.5

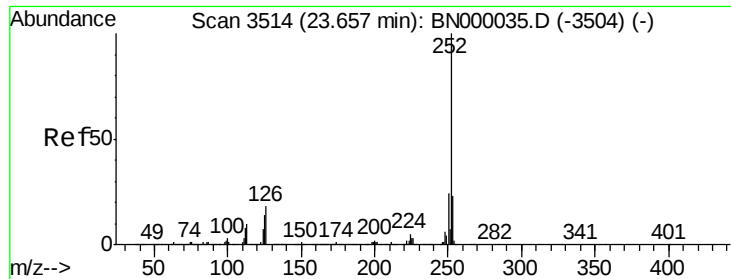


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

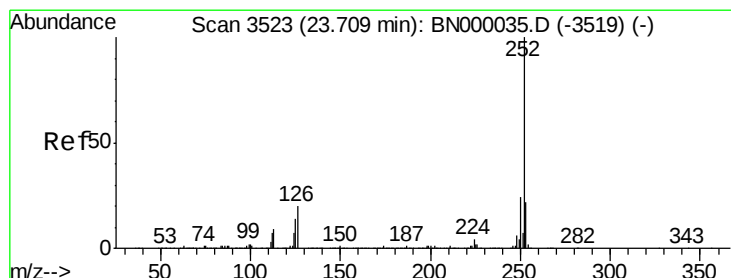
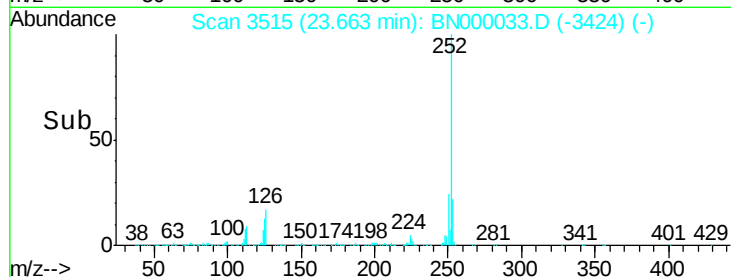
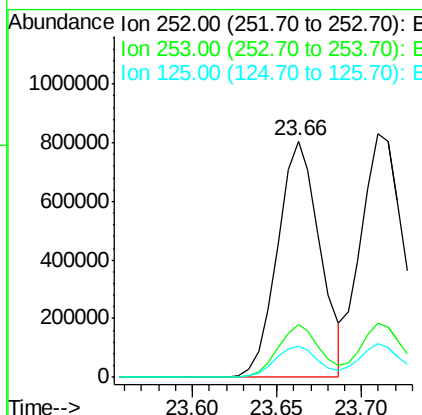
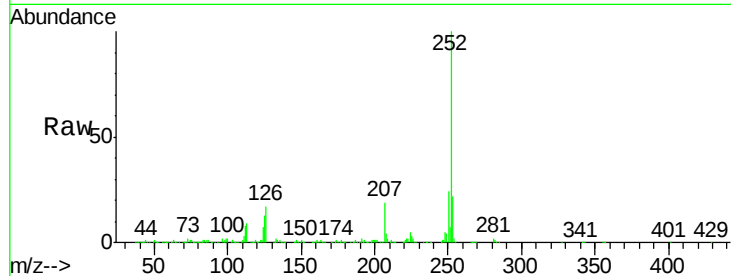




#87
Benzo(b)fluoranthene
Concen: 9.451 ng
RT: 23.66 min Scan# 3515
Delta R.T. 0.01 min
Lab File: BN000033.D
Acq: 07 Feb 2018 12:05

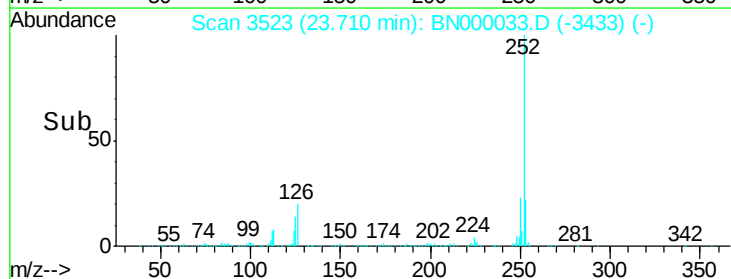
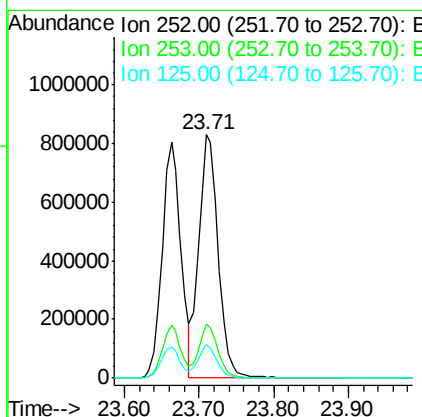
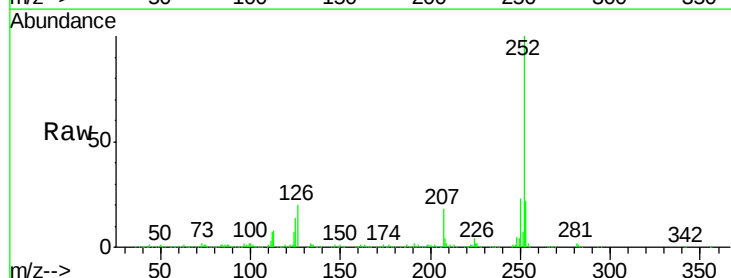
Instrument :
BNA_N
ClientSampleId :
SSTDICC010

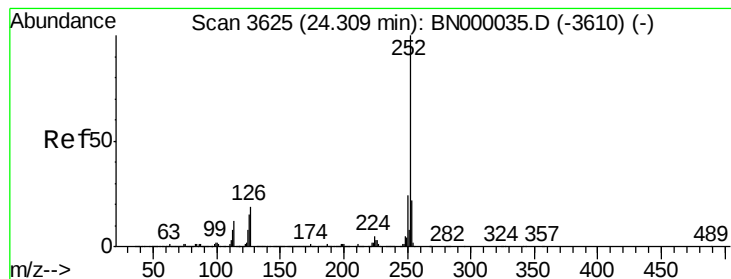
Tot Ion:252 Resp: 1407585
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.4
125 13.0 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 10.045 ng
RT: 23.71 min Scan# 3523
Delta R.T. 0.00 min
Lab File: BN000033.D
Acq: 07 Feb 2018 12:05

Tgt Ion:252 Resp: 1499916
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 13.6 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 9.278 ng

RT: 24.32 min Scan# 3626

Delta R.T. 0.01 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

Instrument :

BNA_N

ClientSampleId :

SSTDIC010

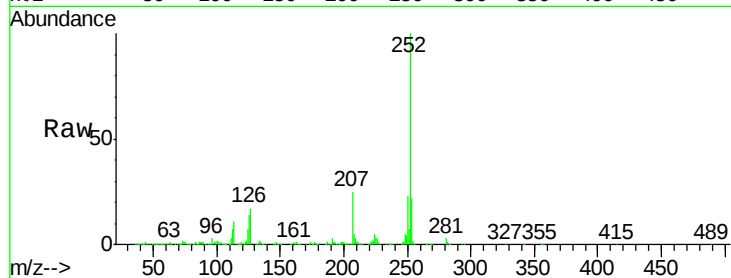
Tot Ion:252 Resp: 1342328

Ion Ratio Lower Upper

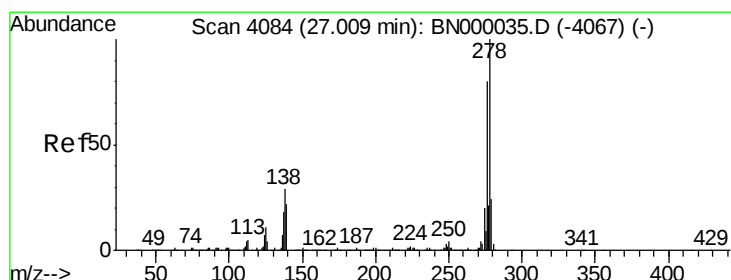
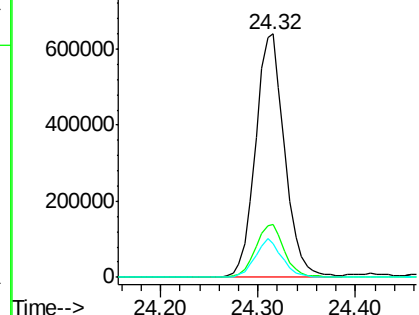
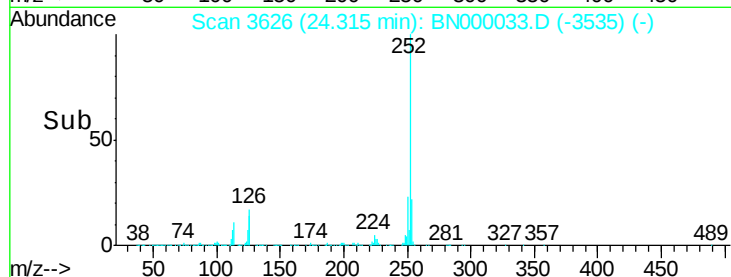
252 100

253 21.6 18.3 27.5

125 13.9 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: 9.610 ng

RT: 27.00 min Scan# 4083

Delta R.T. -0.01 min

Lab File: BN000033.D

Acq: 07 Feb 2018 12:05

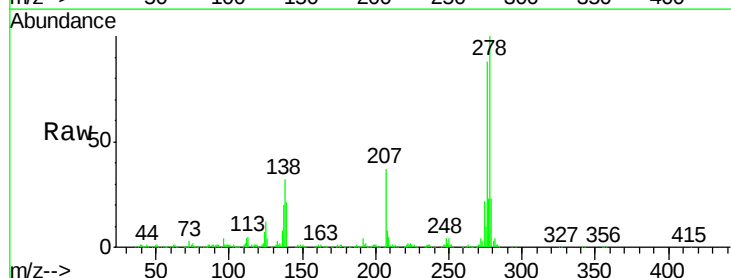
Tgt Ion:278 Resp: 1455216

Ion Ratio Lower Upper

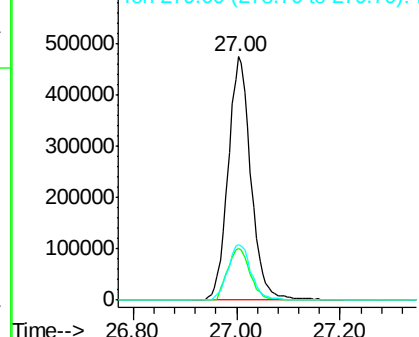
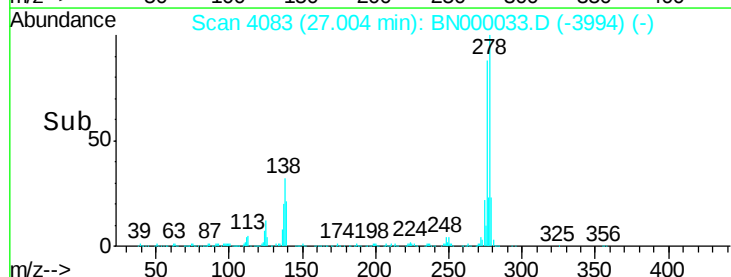
278 100

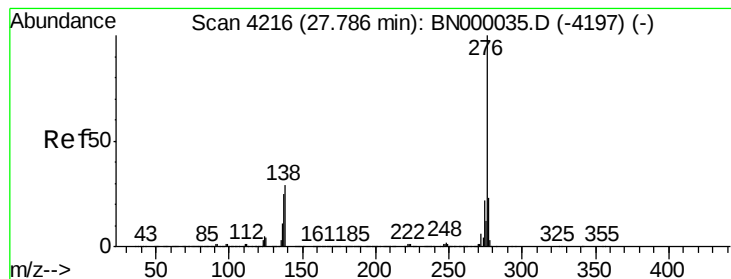
139 21.0 9.8 14.6#

279 22.8 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: 9.257 ng
 RT: 27.77 min Scan# 4214
 Delta R.T. -0.01 min
 Lab File: BN000033.D
 Acq: 07 Feb 2018 12:05

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC010

Tot Ion:276 Resp: 1424639
 Ion Ratio Lower Upper
 276 100
 277 23.4 18.3 27.5
 138 28.4 13.9 20.9#

