

Data Path : Z:\HPCHEM1\BNA N\DATA\BN030618\
 Data File : BN000260.D
 Acq On : 06 Mar 2018 13:06
 Operator : JU/SJ
 Sample : J1699-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 07 04:26:39 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 18:24:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	274266	20.00	ng	-0.02
21) Naphthalene-d8	11.29	136	1309636	20.00	ng	-0.02
38) Acenaphthene-d10	15.06	164	739237	20.00	ng	-0.02
63) Phenanthrene-d10	17.78	188	1546824	20.00	ng	-0.02
75) Chrysene-d12	21.90	240	1586130	20.00	ng	-0.02
86) Perylene-d12	24.38	264	1705310	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.93	112	1662203	98.77	ng	-0.02
7) Phenol-d6	7.58	99	2410666	94.57	ng	-0.02
23) Nitrobenzene-d5	9.63	82	1411485	64.08	ng	-0.02
41) 2,4,6-Tribromophenol	16.53	330	640780	87.57	ng	-0.02
44) 2-Fluorobiphenyl	13.69	172	2886671	55.04	ng	-0.02
78) Terphenyl-d14	20.34	244	3760461	64.02	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.65	88	140576	20.760	ng	98
3) Pyridine	4.09	79	369396	17.525	ng	98
4) n-Nitrosodimethylamine	3.99	42	168569	28.279	ng	# 93
6) Aniline	7.76	93	550379	15.672	ng	92
8) 2-Chlorophenol	8.00	128	538068	27.341	ng	90
9) Benzaldehyde	7.56	77	178243	11.240	ng	91
10) Phenol	7.60	94	773230	28.735	ng	86
11) bis(2-Chloroethyl)ether	7.85	93	555446	25.098	ng	85
12) 1,3-Dichlorobenzene	8.33	146	502076	22.453	ng	99
13) 1,4-Dichlorobenzene	8.49	146	514696	22.539	ng	98
14) 1,2-Dichlorobenzene	8.81	146	509382	22.661	ng	96
15) Benzyl Alcohol	8.68	79	490945	26.796	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.98	45	587196	25.067	ng	79
17) 2-Methylphenol	8.88	107	499738	26.134	ng	95
18) Hexachloroethane	9.55	117	188526	23.716	ng	# 80
19) n-Nitroso-di-n-propylamine	9.25	70	417089	24.418	ng	# 84
20) 3+4-Methylphenols	9.21	107	672860	25.159	ng	94
22) Acetophenone	9.28	105	854971	23.297	ng	# 88
24) Nitrobenzene	9.67	77	644752	26.775	ng	# 94
25) Isophorone	10.19	82	1212968	26.639	ng	98
26) 2-Nitrophenol	10.39	139	249481	28.686	ng	94
27) 2,4-Dimethylphenol	10.43	122	581255	29.446	ng	96
28) bis(2-Chloroethoxy)methane	10.67	93	775379	26.552	ng	98
29) 2,4-Dichlorophenol	10.92	162	490633	26.857	ng	96
30) 1,2,4-Trichlorobenzene	11.15	180	478011	22.721	ng	97
31) Naphthalene	11.34	128	1710047	23.817	ng	98
32) Benzoic acid	10.53	122	280900	25.498	ng	91
33) 4-Chloroaniline	11.43	127	426978	13.537	ng	96
34) Hexachlorobutadiene	11.62	225	234567	21.502	ng	96
35) Caprolactam	12.19	113	194941	26.387	ng	97
36) 4-Chloro-3-methylphenol	12.52	107	622397	26.835	ng	98
37) 2-Methylnaphthalene	12.92	142	1205639	24.134	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.27	216	502128	23.012	ng	# 95
40) Hexachlorocyclopentadiene	13.25	237	377382	41.491	ng	93

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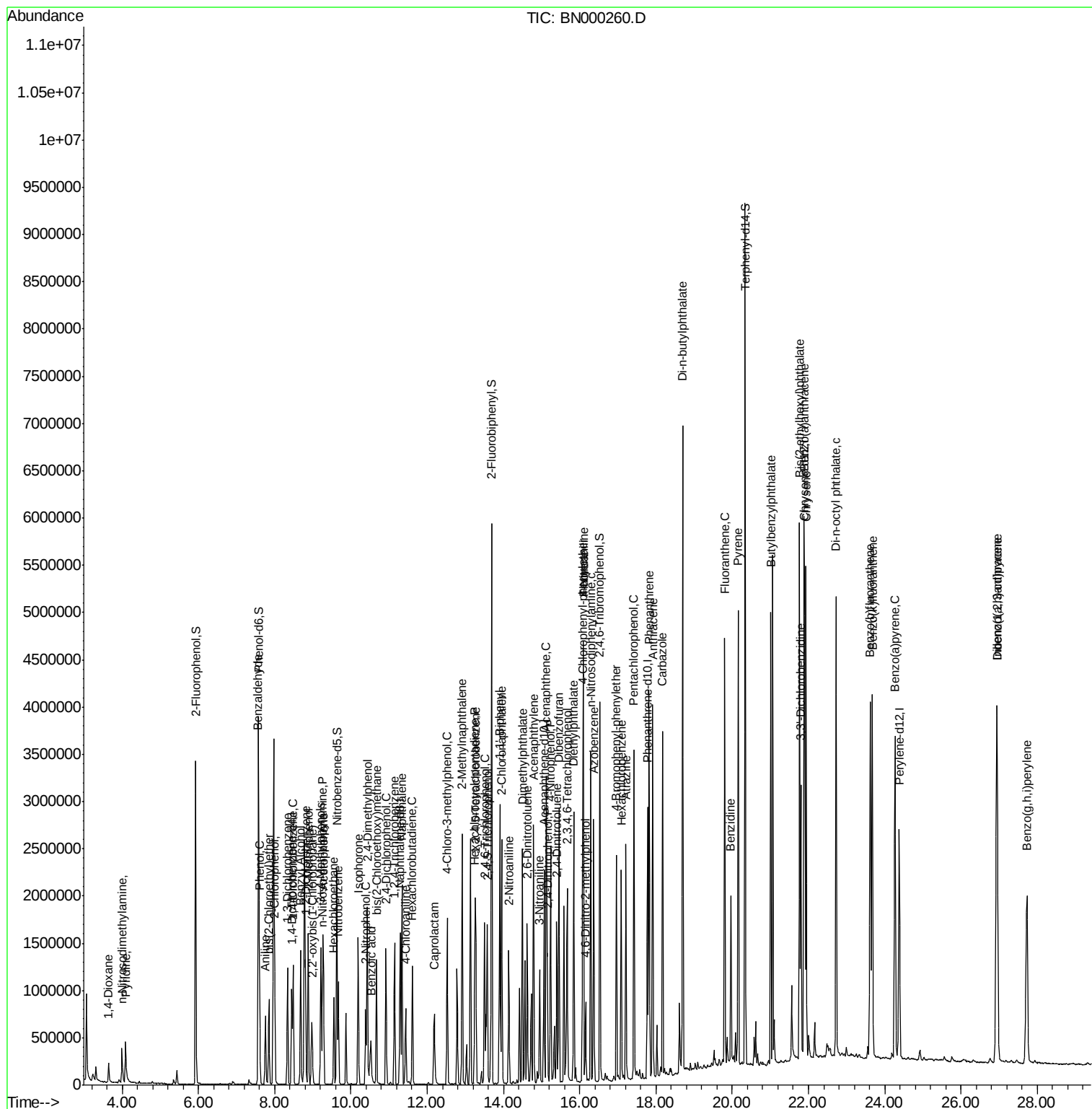
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.50	196	353100	27.000	nq	97
43) 2,4,5-Trichlorophenol	13.57	196	402543	25.605	nq #	92
45) 1,1'-Biphenyl	13.90	154	1524970	23.423	nq	97
46) 2-Chloronaphthalene	13.95	162	1166521	23.879	nq	97
47) 2-Nitroaniline	14.14	65	385146	29.026	nq	90
48) Acenaphthylene	14.79	152	1884857	23.948	nq	98
49) Dimethylphthalate	14.50	163	1474879	23.867	nq	99
50) 2,6-Dinitrotoluene	14.62	165	313150	24.547	nq	93
51) Acenaphthene	15.12	154	1296009	25.297	nq	98
52) 3-Nitroaniline	14.95	138	284932	18.374	nq #	93
53) 2,4-Dinitrophenol	15.15	184	237434	55.650	nq #	1
54) Dibenzofuran	15.45	168	1785664	24.611	nq	95
55) 4-Nitrophenol	15.23	139	635575	51.880	nq	87
56) 2,4-Dinitrotoluene	15.40	165	440594	26.206	nq	97
57) Fluorene	16.10	166	1439628	24.300	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.67	232	334142	26.931	nq #	80
59) Diethylphthalate	15.84	149	1561032	24.858	nq	97
60) 4-Chlorophenyl-phenylether	16.07	204	645298	23.901	nq	91
61) 4-Nitroaniline	16.10	138	376258	23.614	nq	92
62) Azobenzene	16.37	77	1679581	26.868	nq	90
64) 4,6-Dinitro-2-methylphenol	16.16	198	155815	26.123	nq	90
65) n-Nitrosodiphenylamine	16.29	169	1276592	25.363	nq	97
66) 4-Bromophenyl-phenylether	16.96	248	365000	24.814	nq #	84
67) Hexachlorobenzene	17.09	284	393737	22.921	nq #	86
68) Atrazine	17.22	200	402904	24.596	nq	93
69) Pentachlorophenol	17.42	266	503076	45.264	nq	99
70) Phenanthrene	17.82	178	2264599	24.785	nq	99
71) Anthracene	17.91	178	2321868	26.245	nq	98
72) Carbazole	18.17	167	2268473	25.452	nq	97
73) Di-n-butylphthalate	18.70	149	4932220	50.128	nq	99
74) Fluoranthene	19.80	202	2539824	26.496	nq	94
76) Benzidine	19.97	184	960276	18.992	nq	97
77) Pyrene	20.16	202	2618260	25.973	nq	99
79) Butylbenzylphthalate	21.01	149	1290601	29.341	nq #	95
80) Benzo(a)anthracene	21.88	228	2537243	26.025	nq	99
81) 3,3'-Dichlorobenzidine	21.80	252	752078	21.003	nq #	96
82) Chrysene	21.94	228	2398320	24.686	nq	99
83) Bis(2-ethylhexyl)phthalate	21.77	149	1973158	29.025	nq #	94
84) Di-n-octyl phthalate	22.72	149	3364740	29.966	nq #	94
85) Indeno(1,2,3-cd)pyrene	26.94	276	2681390	22.468	nq #	85
87) Benzo(b)fluoranthene	23.62	252	2566366	25.711	nq #	95
88) Benzo(k)fluoranthene	23.67	252	2566150	25.526	nq #	94
89) Benzo(a)pyrene	24.27	252	2497680	26.093	nq #	94
90) Dibenzo(a,h)anthracene	26.95	278	2253972	22.517	nq #	91
91) Benzo(g,h,i)perylene	27.73	276	2175951	21.497	nq #	87

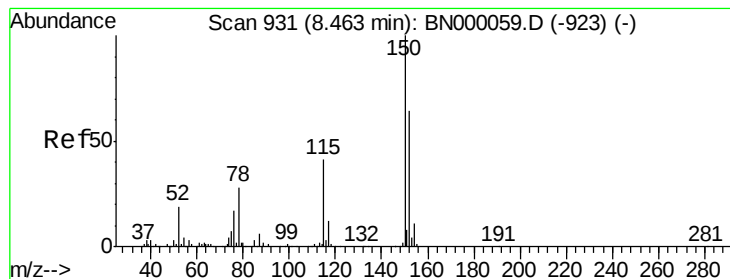
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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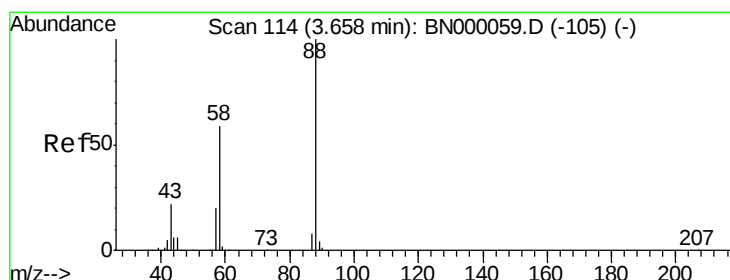
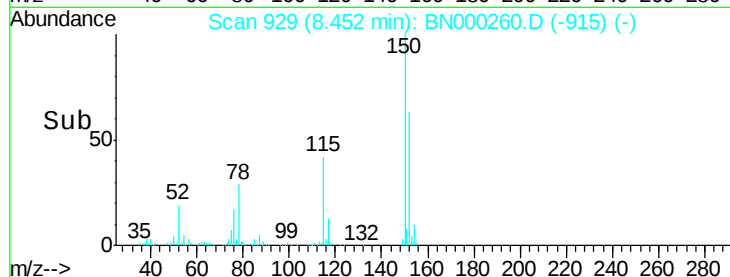
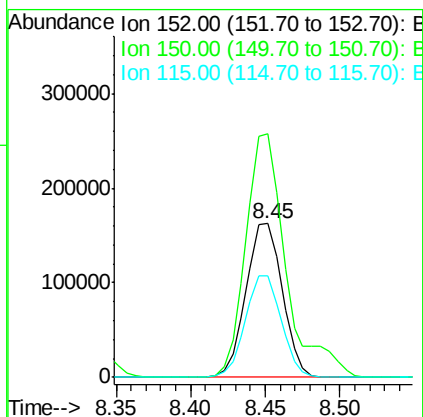
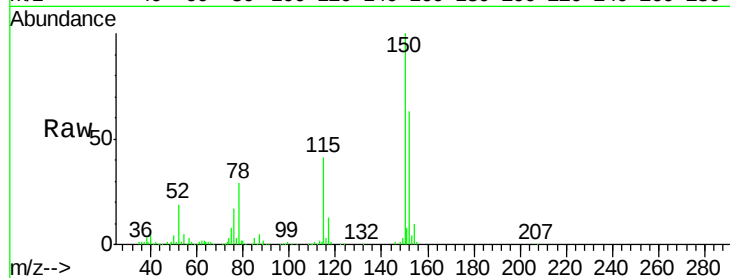


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.45 min Scan# 929
Delta R.T. -0.02 min
Lab File: BN000260.D
Acq: 06 Mar 2018 13:06

Instrument :
BNA_N
ClientSampleId :

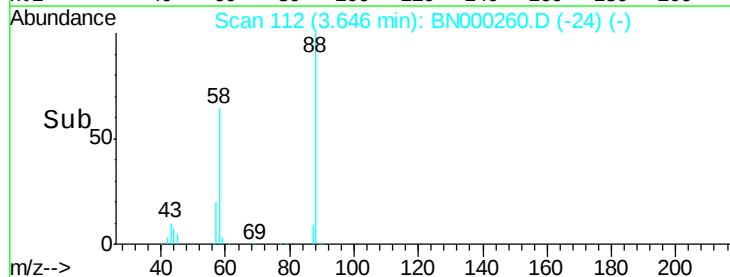
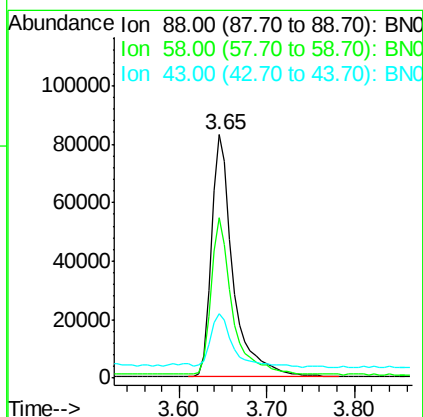
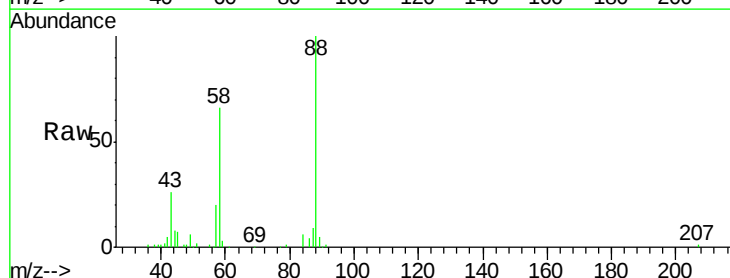
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.6	189.8
115	65.7	53.0	79.4

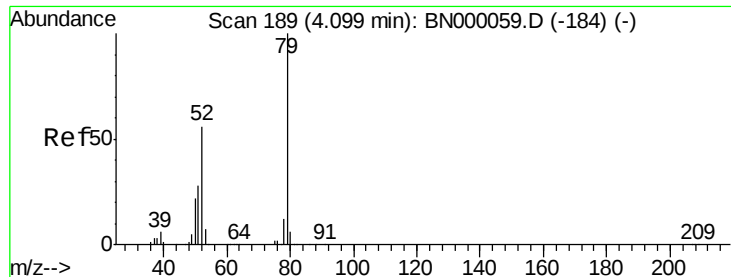


#2

1,4-Dioxane
Concen: 20.760 ng
RT: 3.65 min Scan# 112
Delta R.T. -0.01 min
Lab File: BN000260.D
Acq: 06 Mar 2018 13:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.0	52.0	78.0
43	23.1	20.0	30.0





#3

Pvridine

Concen: 17.525 ng

RT: 4.09 min Scan# 188

Delta R.T. -0.01 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA_N

ClientSampleId :

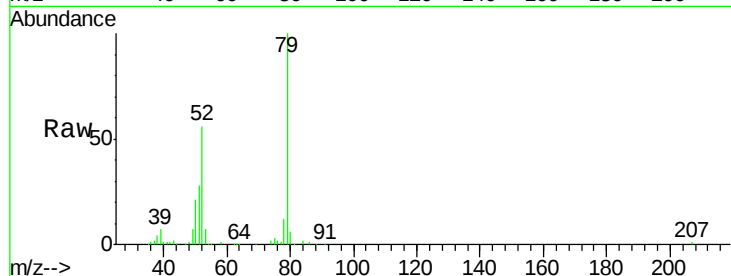
Tot Ion: 79 Resp: 369396

Ion Ratio Lower Upper

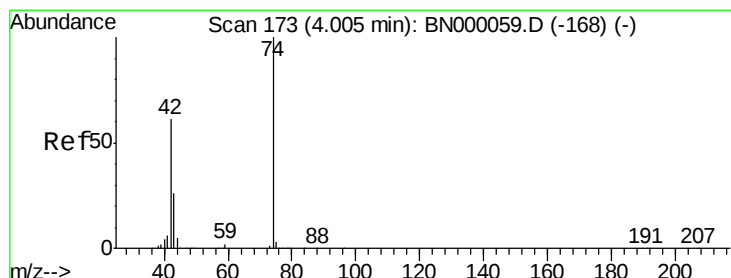
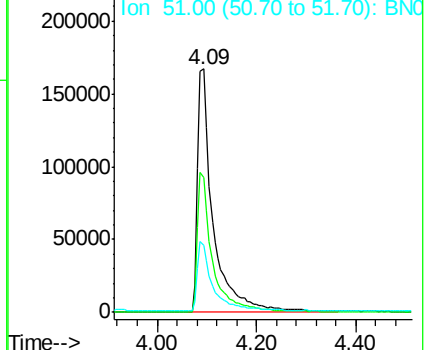
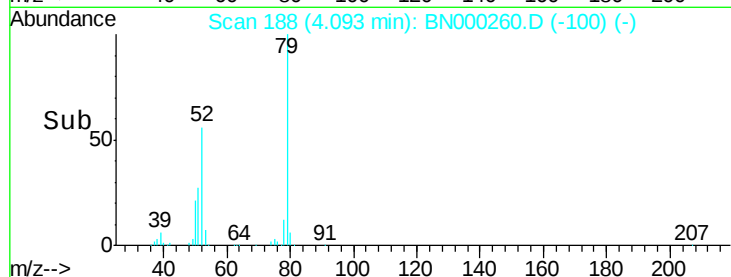
79 100

52 55.6 44.0 66.0

51 27.5 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: 28.279 ng

RT: 3.99 min Scan# 171

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

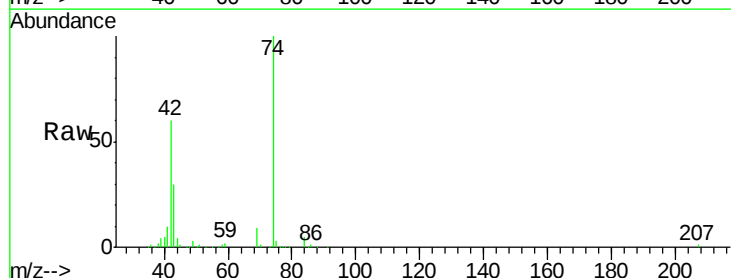
Tgt Ion: 42 Resp: 168569

Ion Ratio Lower Upper

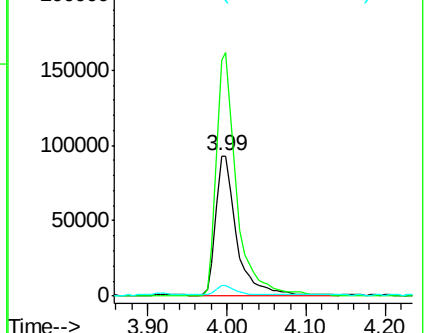
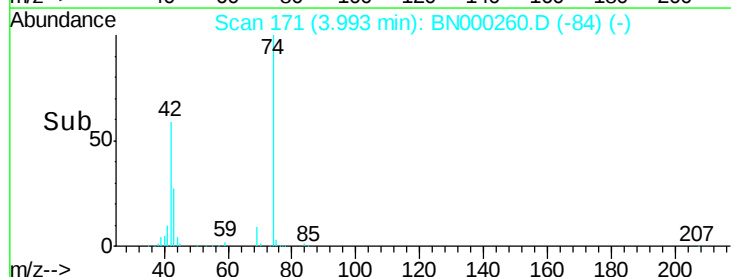
42 100

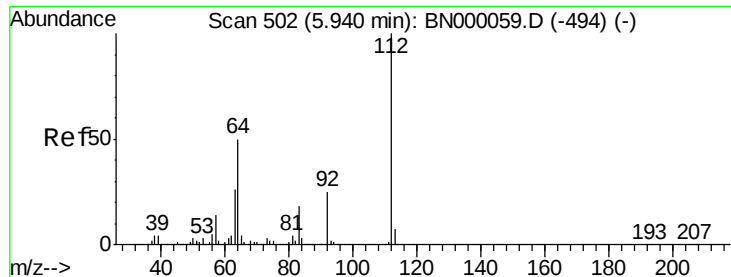
74 167.9 128.0 192.0

44 7.2 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: 98.773 ng

RT: 5.93 min Scan# 500

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA_N

ClientSampleId :

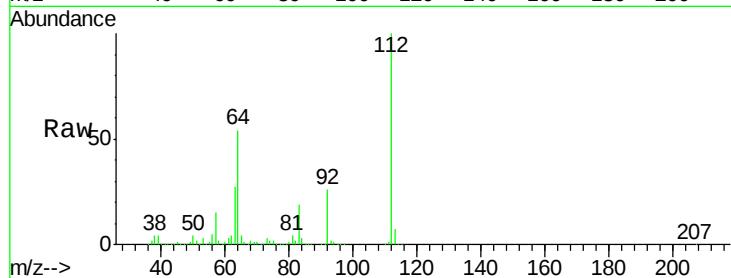
Tot Ion:112 Resp: 1662203

Ion Ratio Lower Upper

112 100

64 53.9 56.3 84.5#

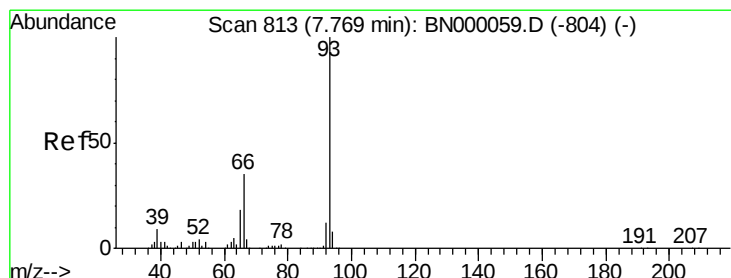
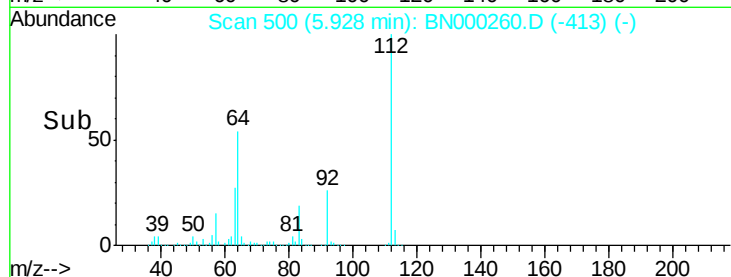
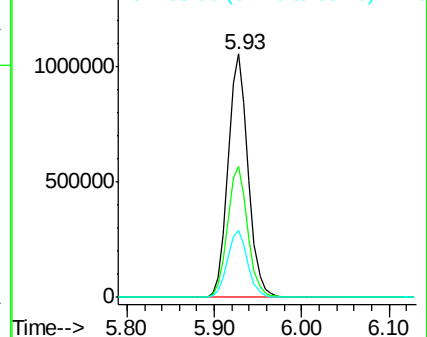
63 27.3 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#6

Aniline

Concen: 15.672 ng

RT: 7.76 min Scan# 811

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

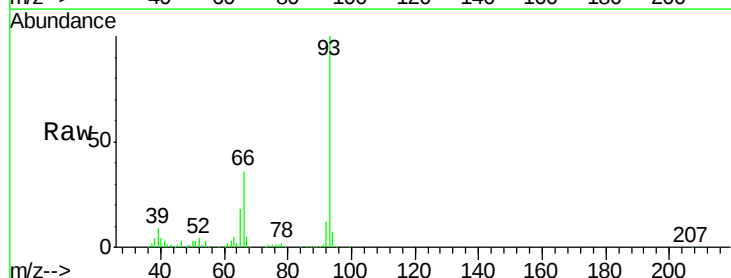
Tgt Ion: 93 Resp: 550379

Ion Ratio Lower Upper

93 100

66 36.1 33.7 50.5

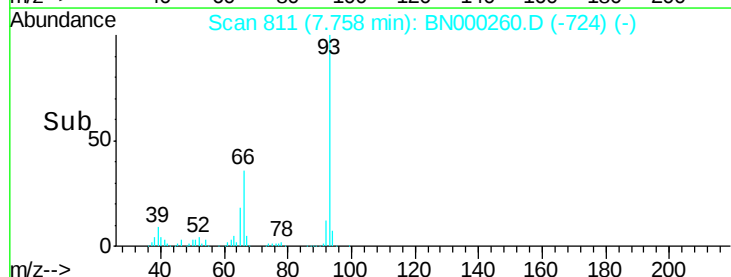
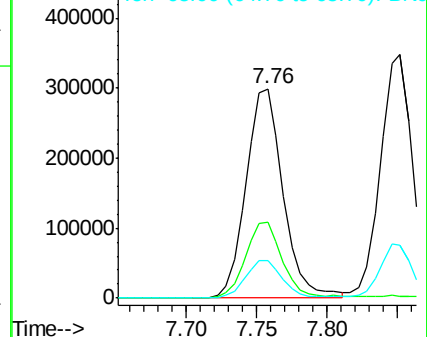
65 18.2 16.1 24.1

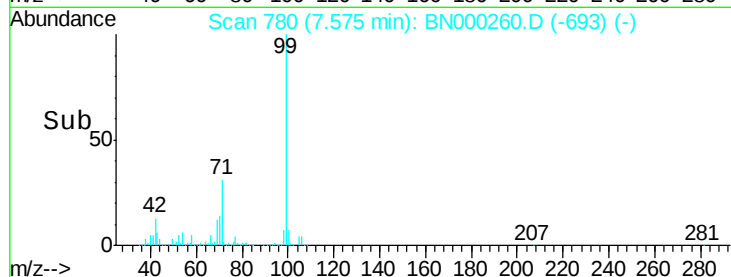
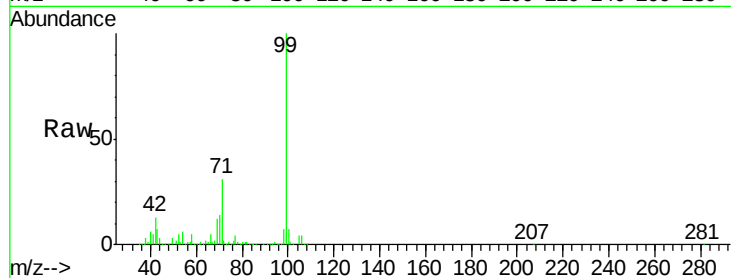
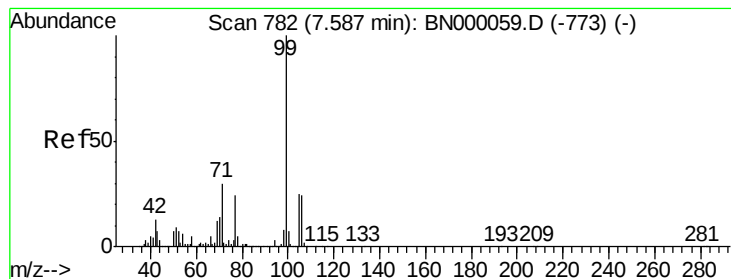


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 94.569 ng

RT: 7.58 min Scan# 780

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

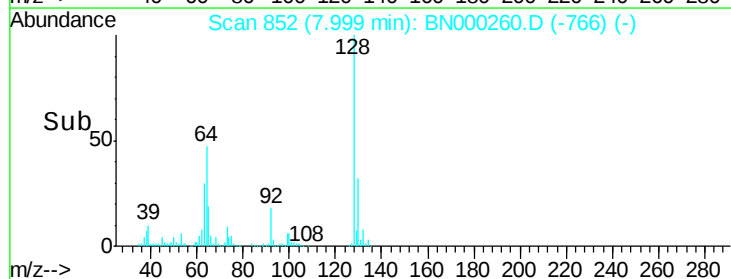
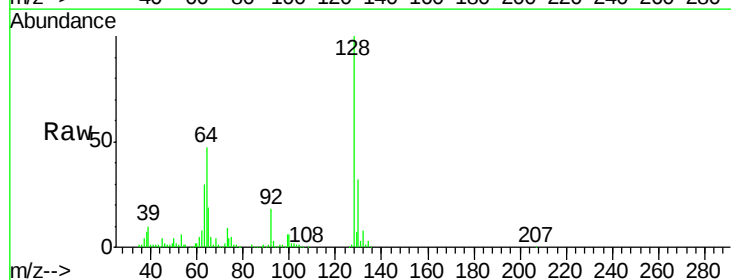
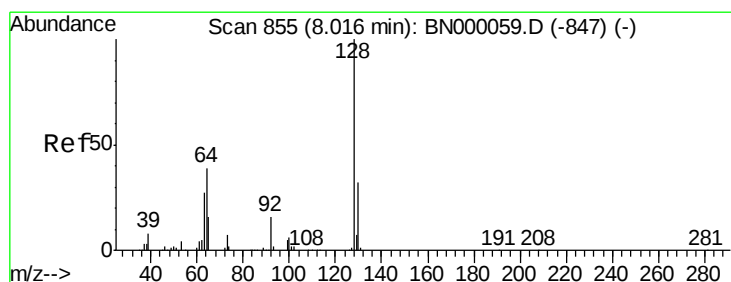
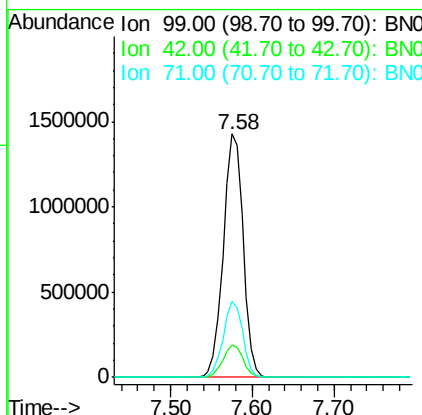
Instrument :

BNA_N

ClientSampleId :

Tot Ion: 99 Resp: 2410666

Ion	Ratio	Lower	Upper
99	100		
42	13.4	14.1	21.1#
71	31.4	26.1	39.1



#8

2-Chlorophenol

Concen: 27.341 ng

RT: 8.00 min Scan# 852

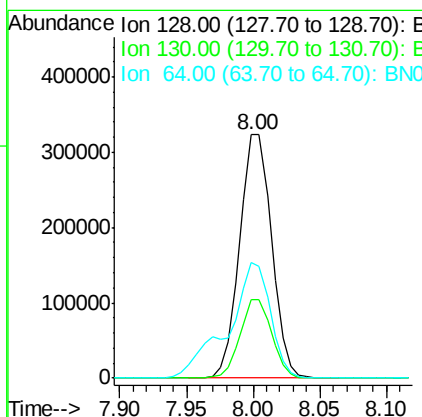
Delta R.T. -0.02 min

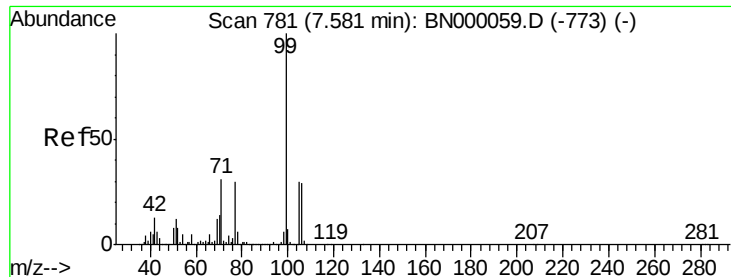
Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Tgt Ion: 128 Resp: 538068

Ion	Ratio	Lower	Upper
128	100		
130	32.4	14.0	54.0
64	47.4	37.7	77.7





#9

Benzaldehyde

Concen: 11.240 ng

RT: 7.56 min Scan# 778

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

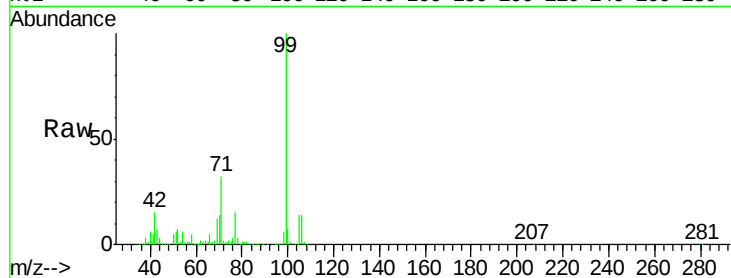
Instrument :

BNA_N

ClientSampleId :

Tot Ion: 77 Resp: 178243

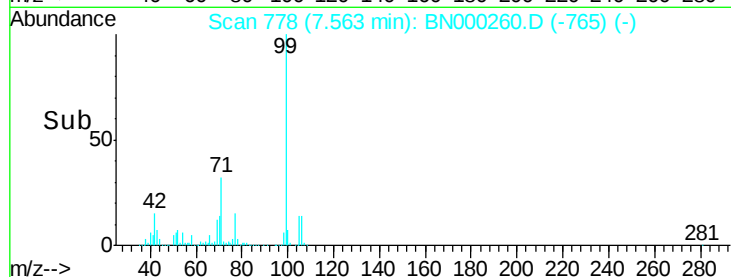
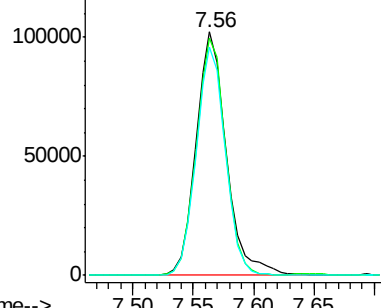
Ion	Ratio	Lower	Upper
77	100		
105	97.7	71.3	111.3
106	93.8	64.2	104.2



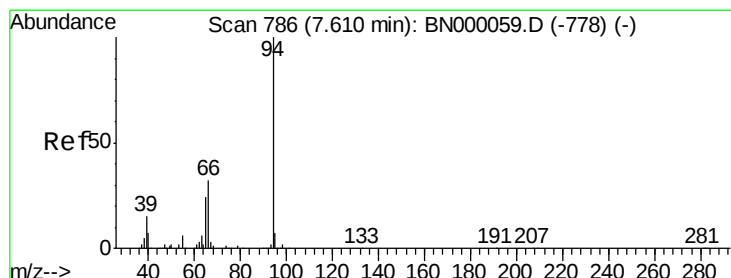
Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B



Time-->



#10

Phenol

Concen: 28.735 ng

RT: 7.60 min Scan# 785

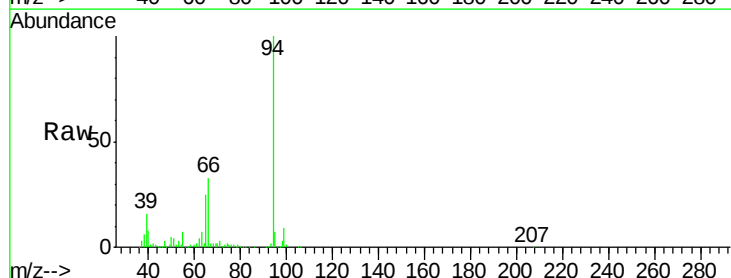
Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Tgt Ion: 94 Resp: 773230

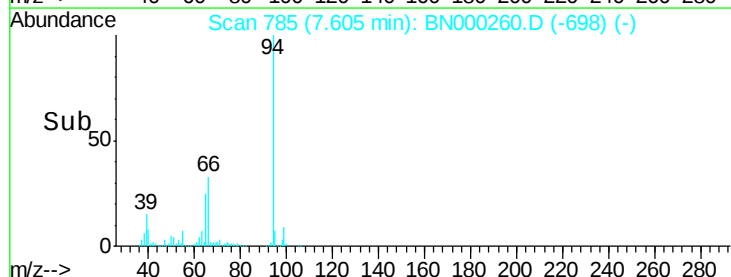
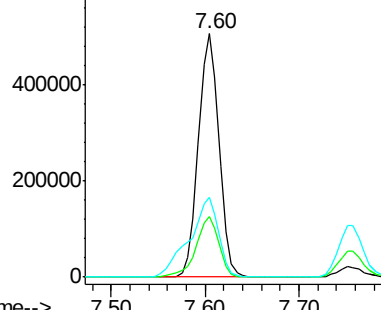
Ion	Ratio	Lower	Upper
94	100		
65	25.0	11.9	51.9
66	32.8	22.2	62.2

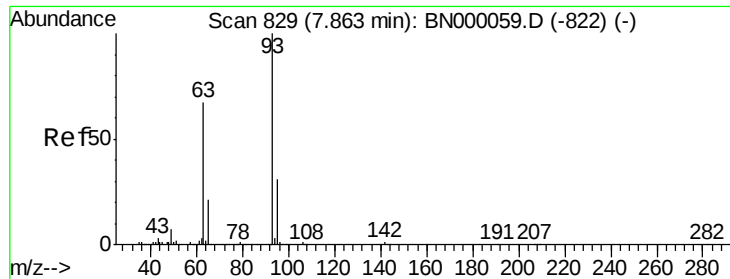


Abundance Ion 94.00 (93.70 to 94.70): BN0

Ion 65.00 (64.70 to 65.70): BN0

Ion 66.00 (65.70 to 66.70): BN0

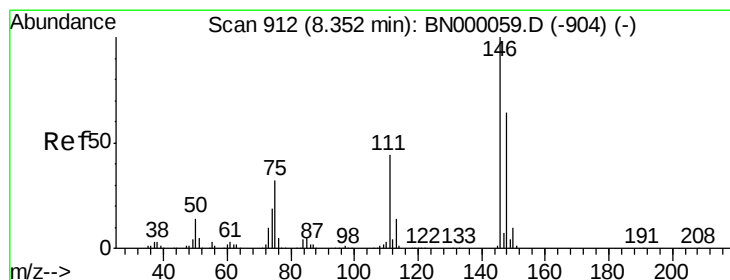
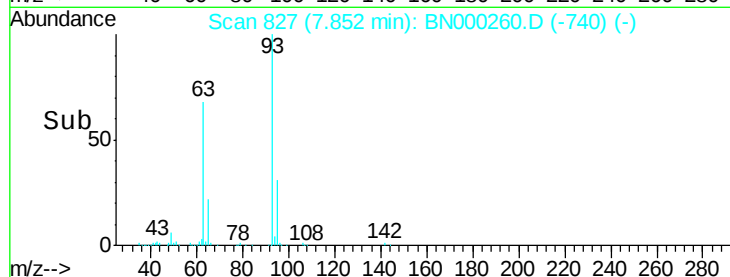
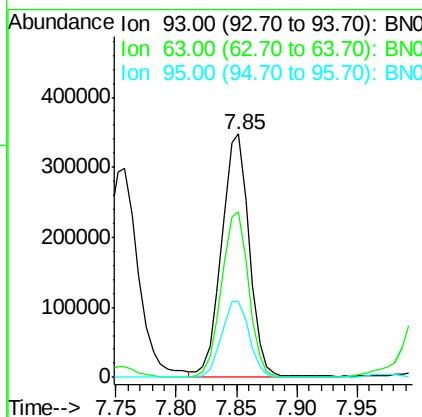
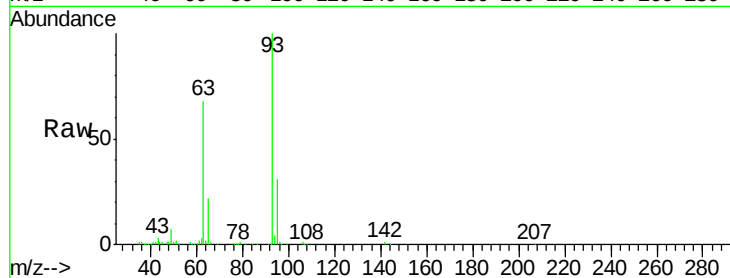




#11
bis(2-Chloroethyl)ether
Concen: 25.098 ng
RT: 7.85 min Scan# 827
Delta R.T. -0.02 min
Lab File: BN000260.D
Acq: 06 Mar 2018 13:06

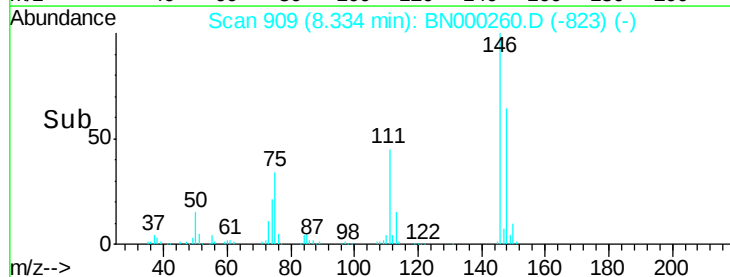
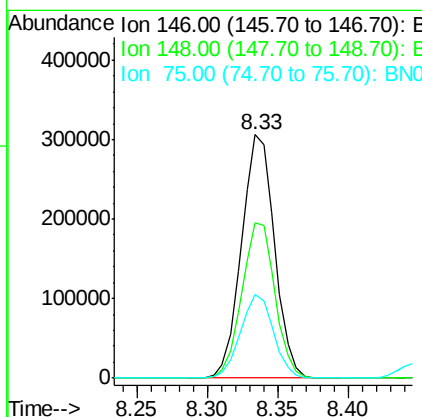
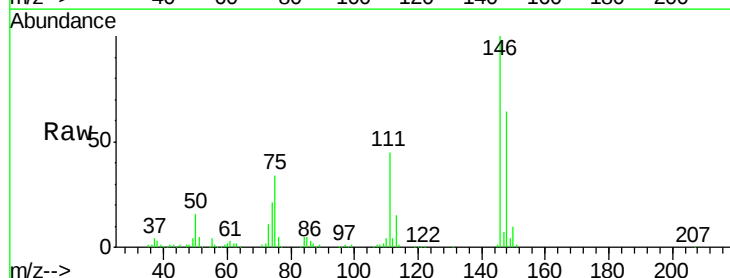
Instrument :
BNA_N
ClientSampled :

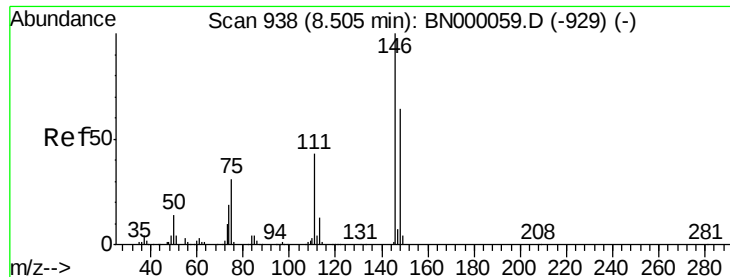
Tot Ion	93	Resp	555446
Ion Ratio	100	Lower	Upper
63	67.8	67.1	107.1
95	31.4	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 22.453 ng
RT: 8.33 min Scan# 909
Delta R.T. -0.02 min
Lab File: BN000260.D
Acq: 06 Mar 2018 13:06

Tgt Ion	146	Resp	502076
Ion Ratio	100	Lower	Upper
148	63.7	51.4	77.2
75	34.5	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 22.539 ng

RT: 8.49 min Scan# 935

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA_N

ClientSampleId :

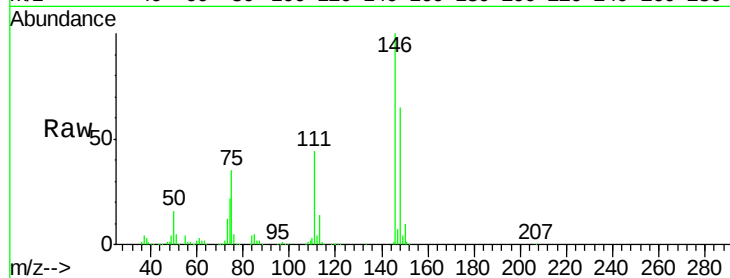
Tot Ion:146 Resp: 514696

Ion Ratio Lower Upper

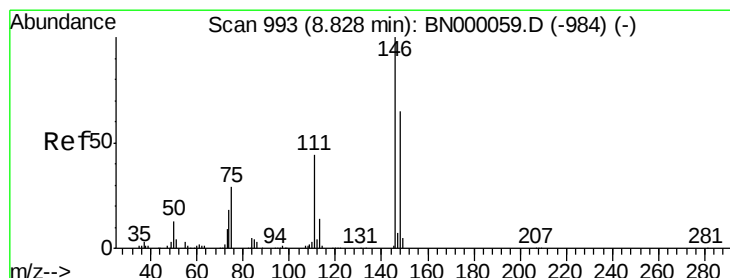
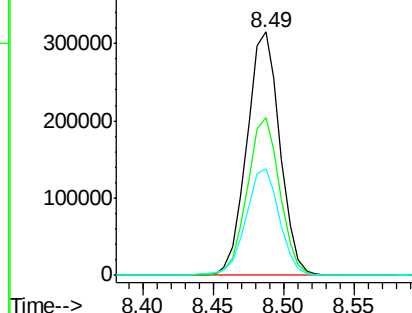
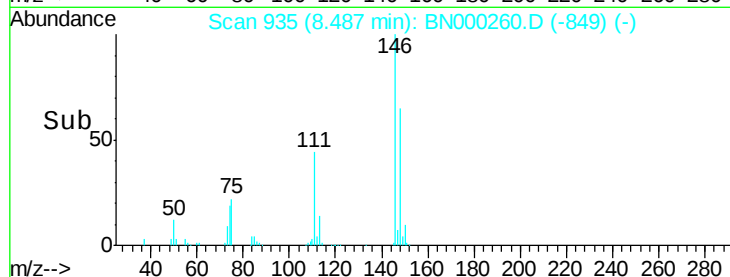
146 100

148 64.8 53.7 80.5

111 43.7 35.2 52.8



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



#14

1,2-Dichlorobenzene

Concen: 22.661 ng

RT: 8.81 min Scan# 990

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

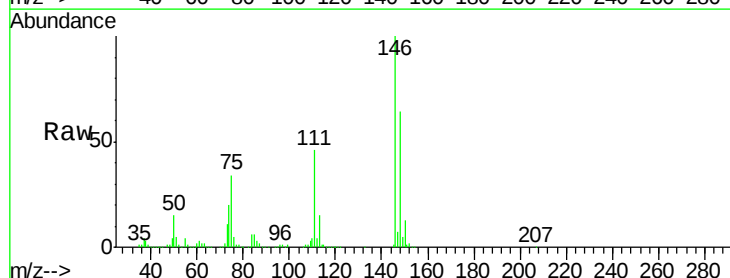
Tgt Ion:146 Resp: 509382

Ion Ratio Lower Upper

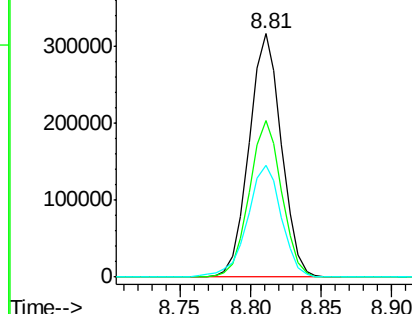
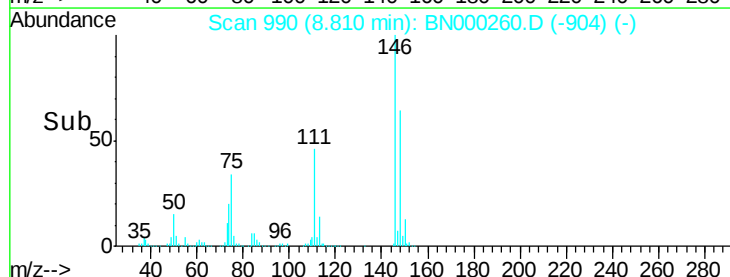
146 100

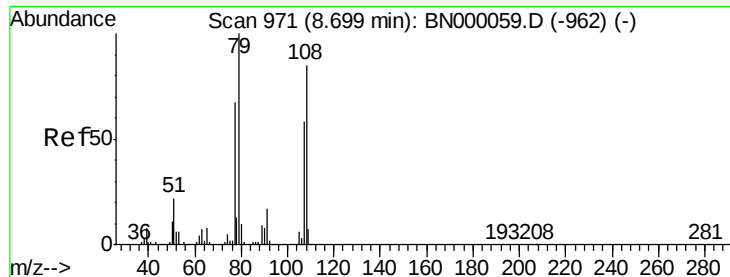
148 64.2 49.3 73.9

111 46.0 34.3 51.5



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





#15

Benzyl Alcohol

Concen: 26.796 ng

RT: 8.68 min Scan# 968

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA_N

ClientSampleId :

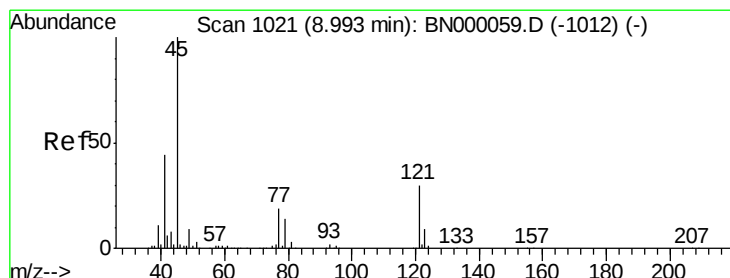
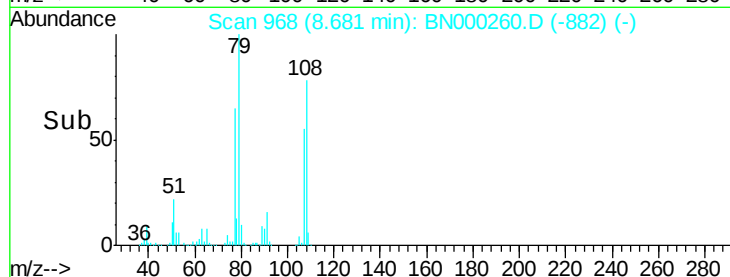
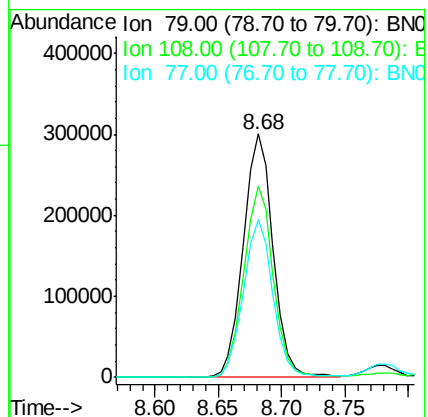
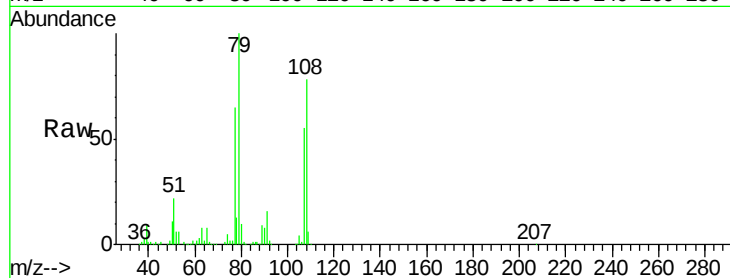
Tot Ion: 79 Resp: 490945

Ion Ratio Lower Upper

79 100

108 78.3 57.2 85.8

77 64.8 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 25.067 ng

RT: 8.98 min Scan# 1018

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

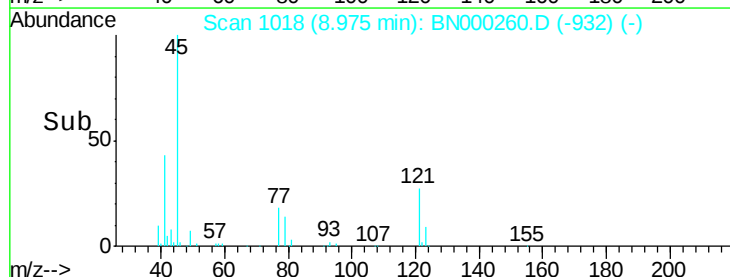
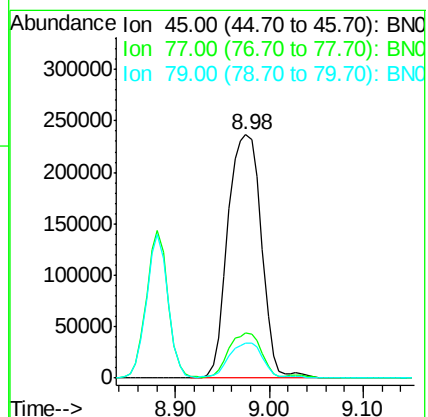
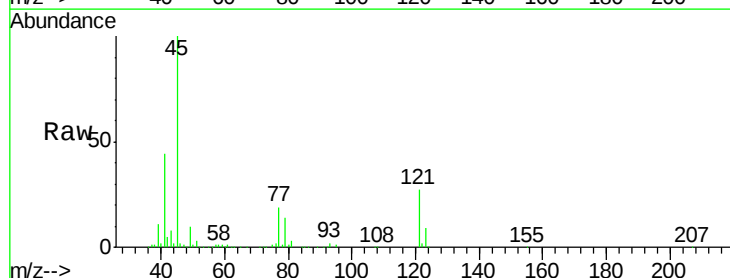
Tgt Ion: 45 Resp: 587196

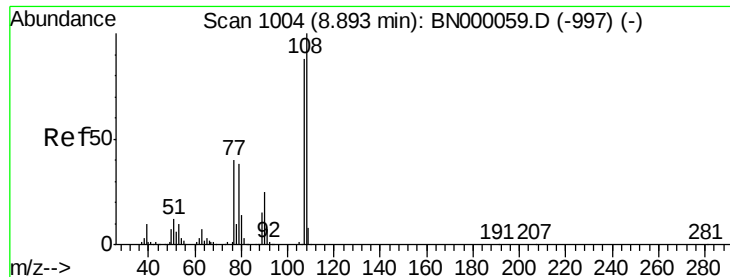
Ion Ratio Lower Upper

45 100

77 18.6 0.0 30.2

79 14.2 0.0 27.9





#17

2-Methylphenol

Concen: 26.134 ng

RT: 8.88 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA_N

ClientSampled :

Tot Ion:107 Resp: 499738

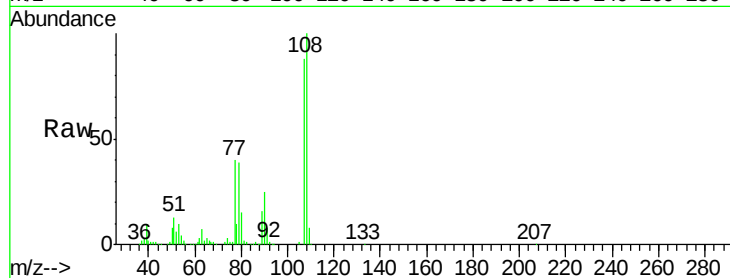
Ion Ratio Lower Upper

107 100

108 113.0 83.9 125.9

77 45.7 37.2 55.8

79 44.2 36.2 54.2

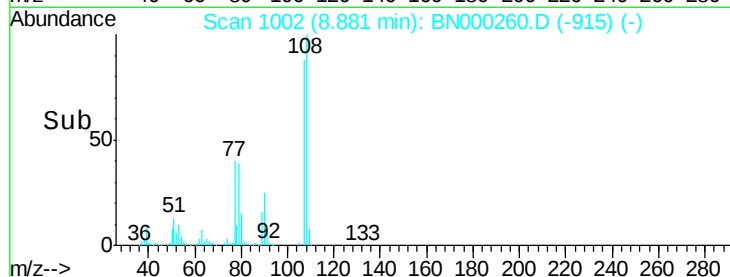


Abundance Ion 107.00 (106.70 to 107.70): E

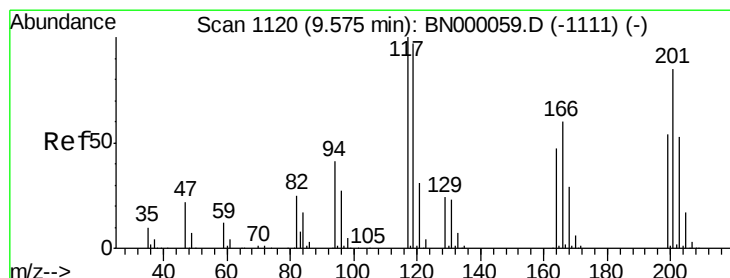
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC



Time-->



#18

Hexachloroethane

Concen: 23.716 ng

RT: 9.55 min Scan# 1116

Delta R.T. -0.03 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

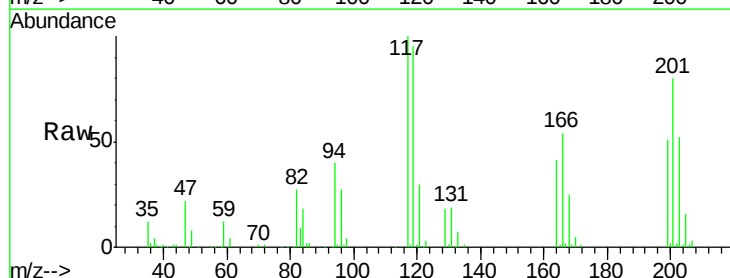
Tgt Ion:117 Resp: 188526

Ion Ratio Lower Upper

117 100

119 94.9 76.7 115.1

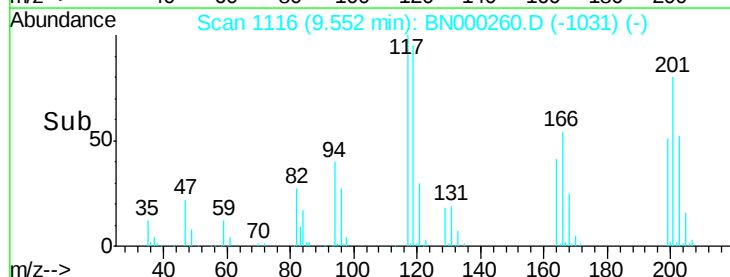
201 80.2 95.7 143.5#



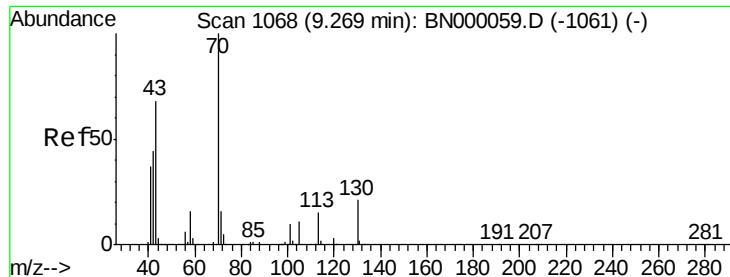
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



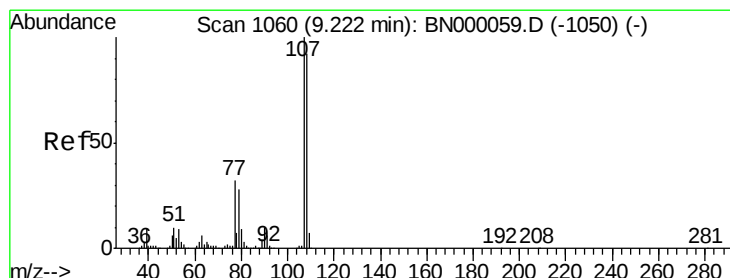
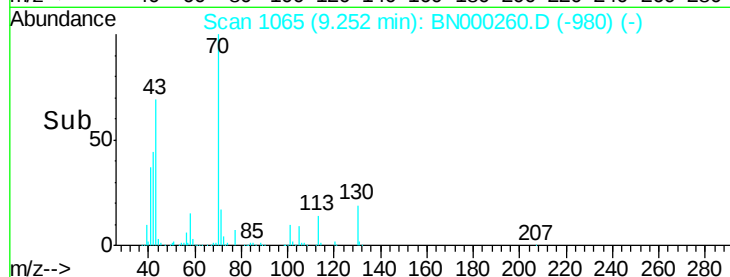
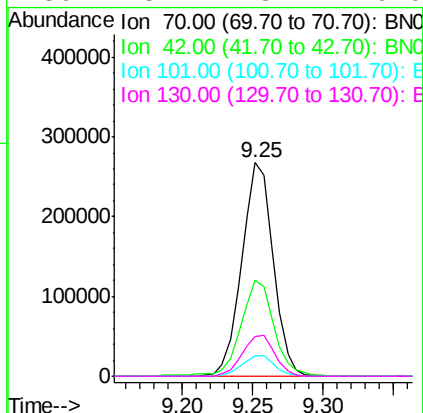
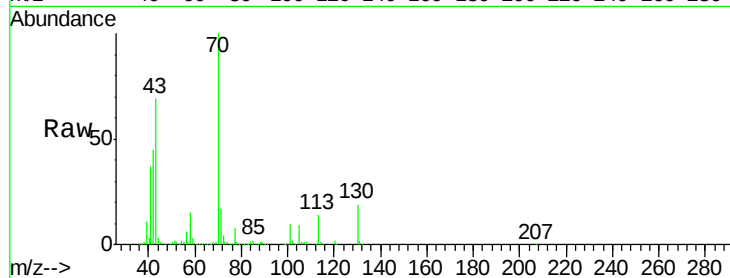
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 24.418 ng
RT: 9.25 min Scan# 1065
Delta R.T. -0.03 min
Lab File: BN000260.D
Acq: 06 Mar 2018 13:06

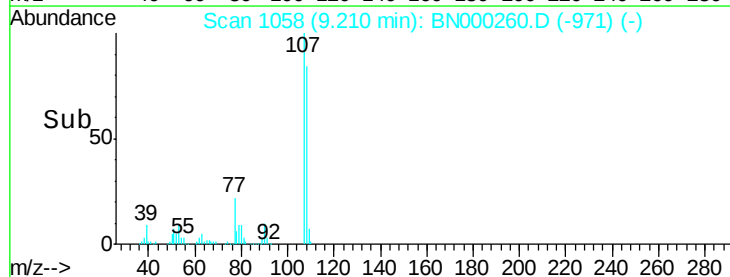
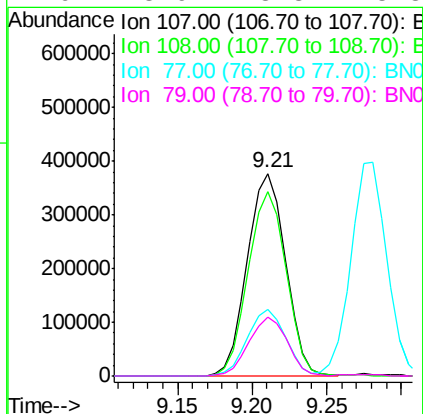
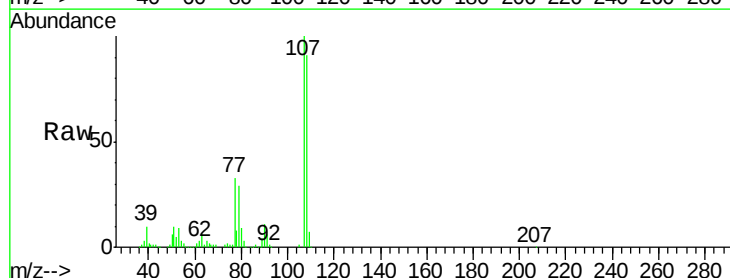
Instrument :
BNA_N
ClientSampleId :

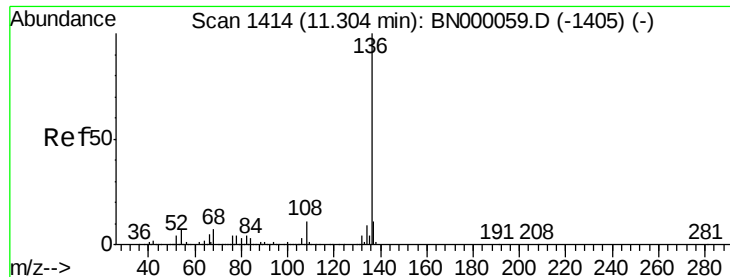
Tot Ion	Ion	Ratio	Lower	Upper
70	70	100		
42	42	44.7	49.1	73.7#
101	101	9.8	8.5	12.7
130	130	18.7	13.4	20.0



#20
3+4-Methylphenols
Concen: 25.159 ng
RT: 9.21 min Scan# 1058
Delta R.T. -0.02 min
Lab File: BN000260.D
Acq: 06 Mar 2018 13:06

Tgt Ion	Ion	Ratio	Lower	Upper
107	107	100		
108	108	90.7	61.6	101.6
77	77	32.8	13.9	53.9
79	79	28.9	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.29 min Scan# 1411

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 1309636

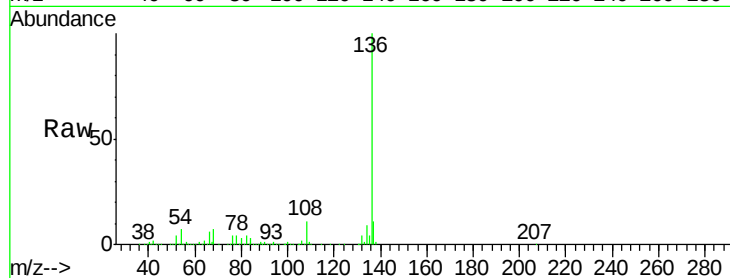
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 7.4 10.3 15.5#

68 7.1 4.5 6.7#

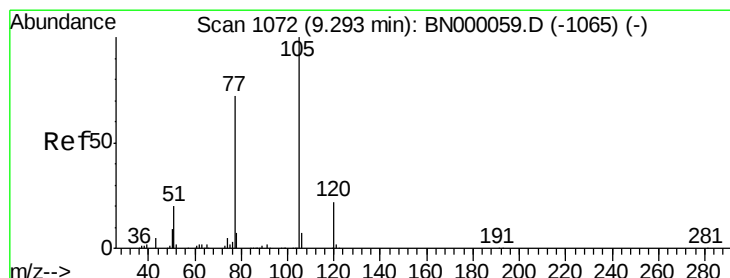
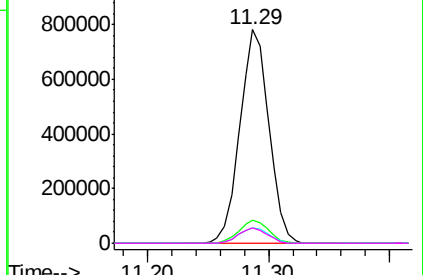
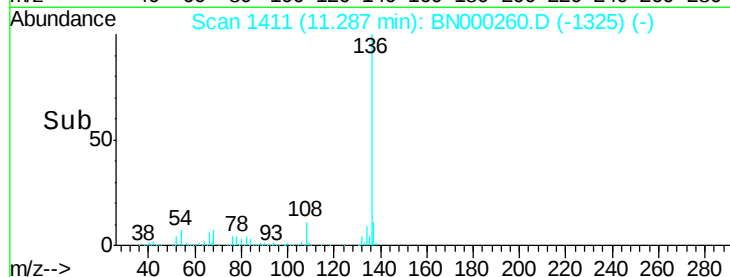


Abundance Ion 136.00 (135.70 to 136.70): E

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: 23.297 ng

RT: 9.28 min Scan# 1070

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Tgt Ion:105 Resp: 854971

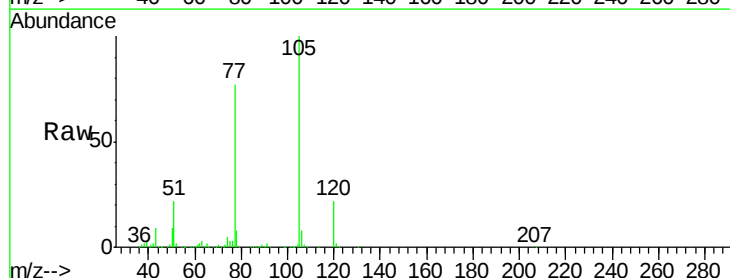
Ion Ratio Lower Upper

105 100

71 0.3 3.0 4.4#

51 21.8 26.1 39.1#

120 22.0 17.4 26.2

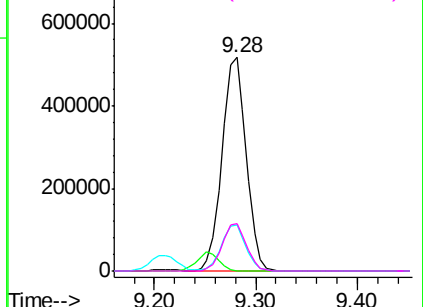
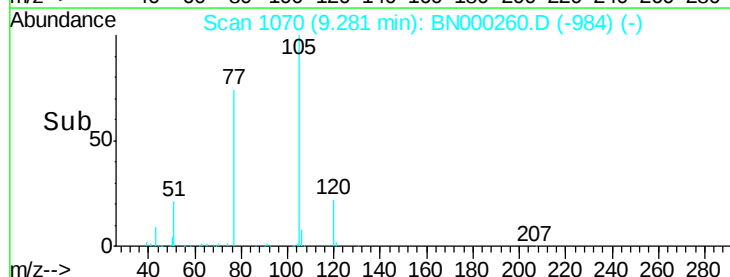


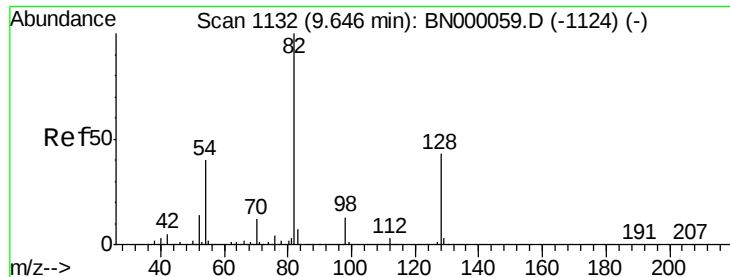
Abundance Ion 105.00 (104.70 to 105.70): E

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

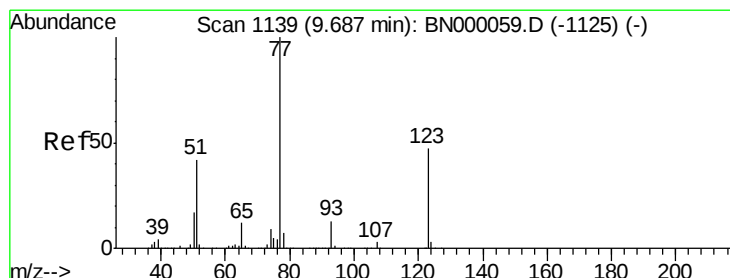
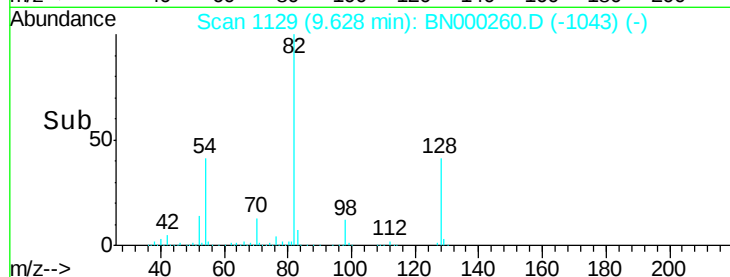
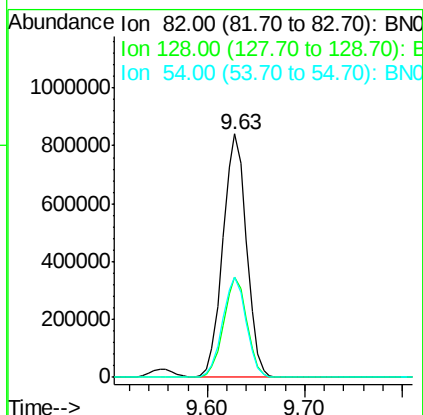
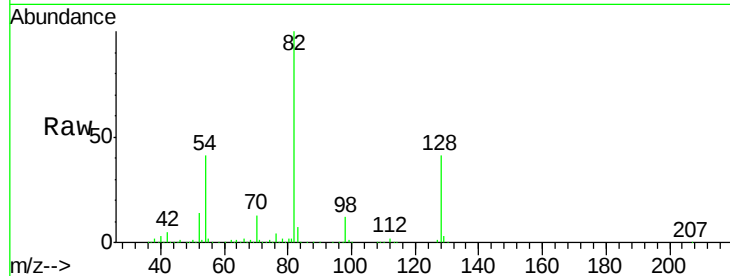




#23
Nitrobenzene-d5
Concen: 64.080 ng
RT: 9.63 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BN000260.D
Acq: 06 Mar 2018 13:06

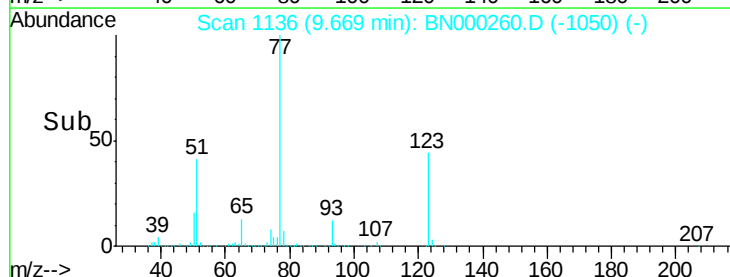
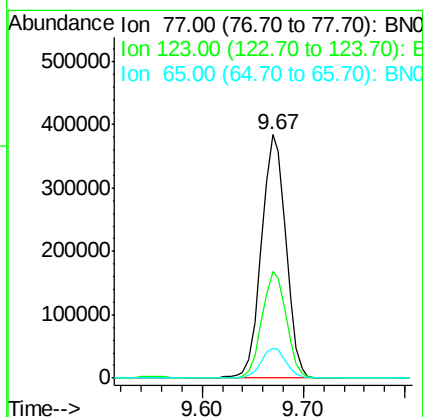
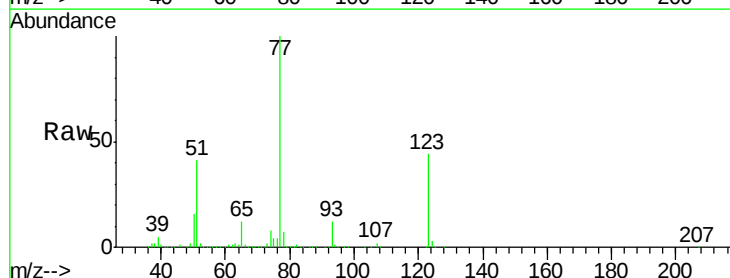
Instrument :
BNA_N
ClientSampleId :

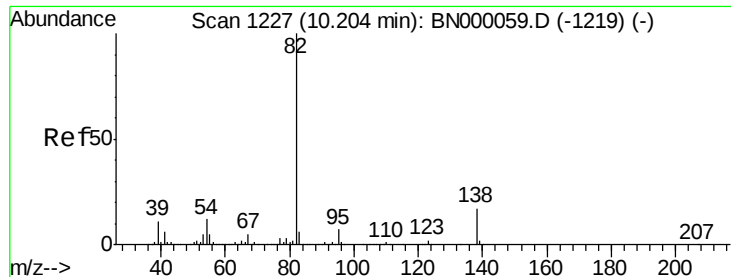
Tot Ion: 82 Resp: 1411485
Ion Ratio Lower Upper
82 100
128 41.0 29.7 44.5
54 40.9 43.1 64.7#



#24
Nitrobenzene
Concen: 26.775 ng
RT: 9.67 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BN000260.D
Acq: 06 Mar 2018 13:06

Tgt Ion: 77 Resp: 644752
Ion Ratio Lower Upper
77 100
123 44.0 33.0 49.6
65 12.5 13.0 19.6#





#25

Isophorone

Concen: 26.639 ng

RT: 10.19 min Scan# 1224

Delta R.T. -0.03 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA_N

ClientSampled :

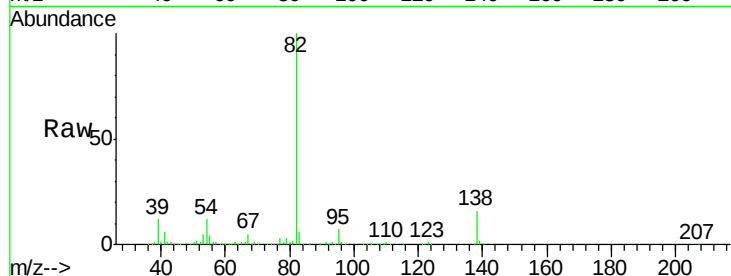
Tot Ion: 82 Resp: 1212968

Ion Ratio Lower Upper

82 100

95 6.6 6.2 9.2

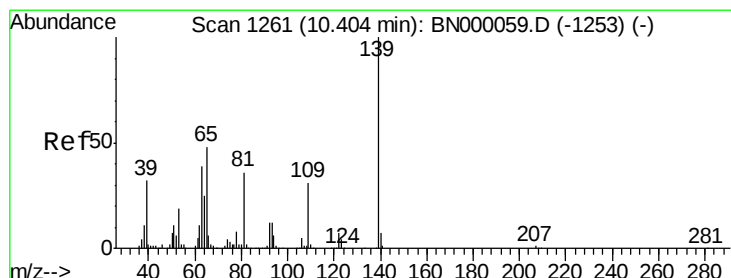
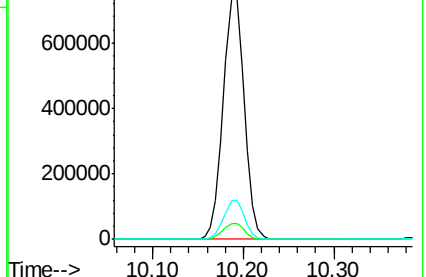
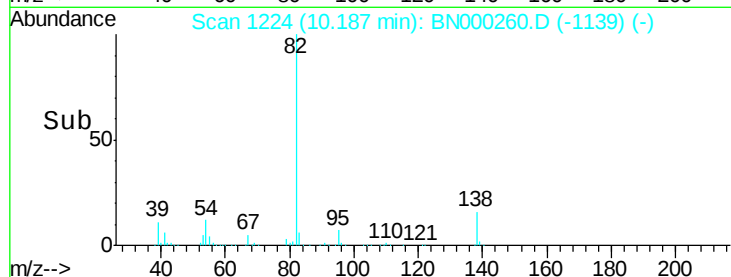
138 15.7 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BN000059.D (-1219) (-)

Ion 95.00 (94.70 to 95.70): BN000059.D (-1219) (-)

Ion 138.00 (137.70 to 138.70): BN000059.D (-1219) (-)



#26

2-Nitrophenol

Concen: 28.686 ng

RT: 10.39 min Scan# 1258

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

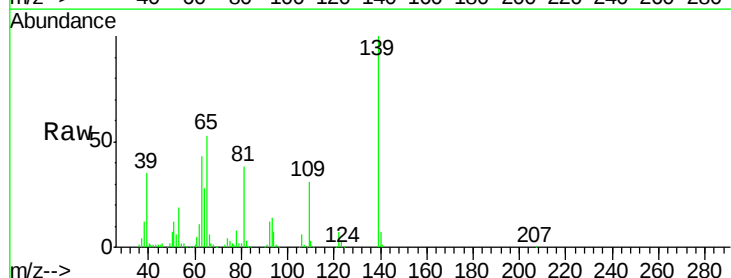
Tgt Ion: 139 Resp: 249481

Ion Ratio Lower Upper

139 100

109 31.2 24.2 36.2

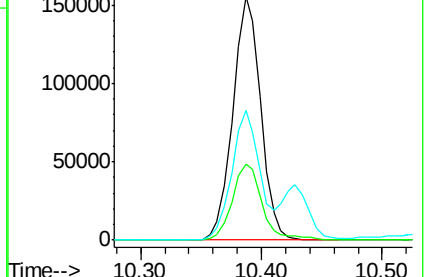
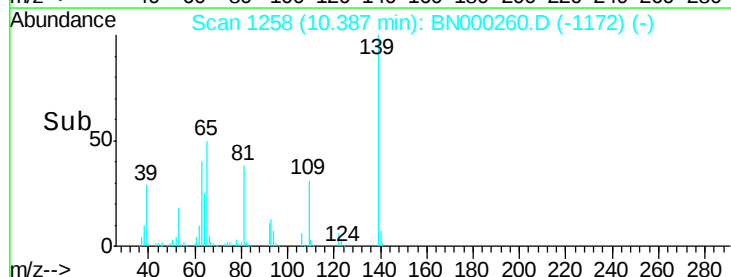
65 53.3 47.4 71.0

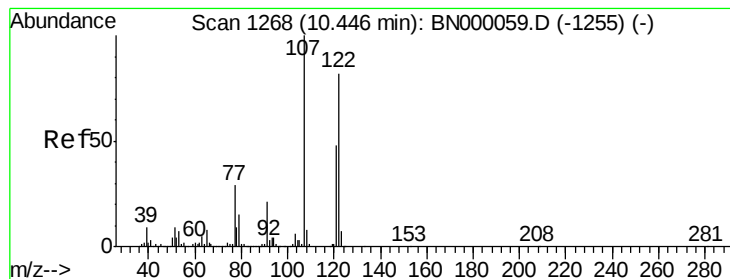


Abundance Ion 139.00 (138.70 to 139.70): BN000059.D (-1253) (-)

Ion 109.00 (108.70 to 109.70): BN000059.D (-1253) (-)

Ion 65.00 (64.70 to 65.70): BN000059.D (-1253) (-)





#27

2,4-Dimethylphenol

Concen: 29.446 ng

RT: 10.43 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA_N

ClientSampleId :

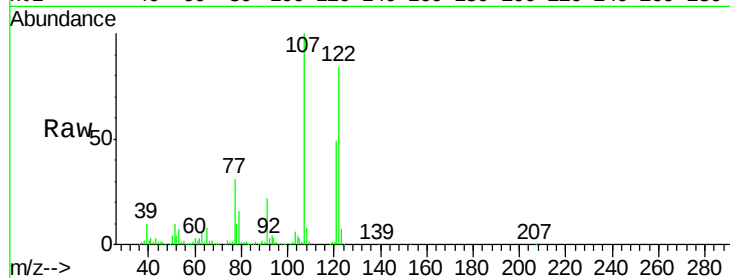
Tot Ion:122 Resp: 581255

Ion Ratio Lower Upper

122 100

107 119.7 100.2 150.2

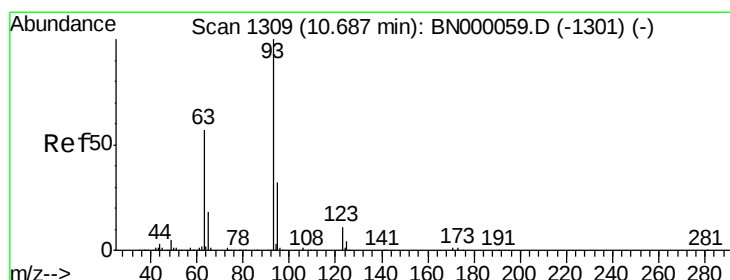
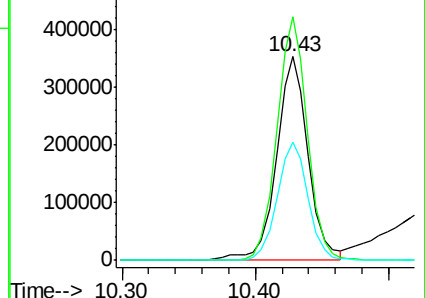
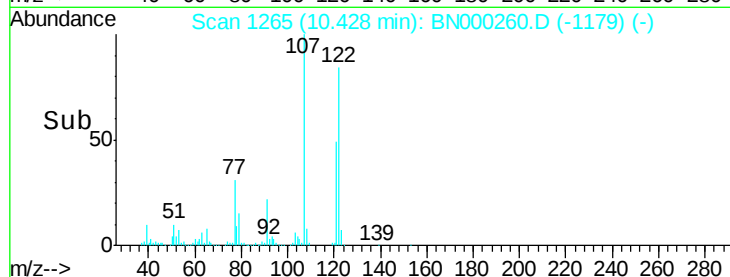
121 58.1 44.4 66.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 26.552 ng

RT: 10.67 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

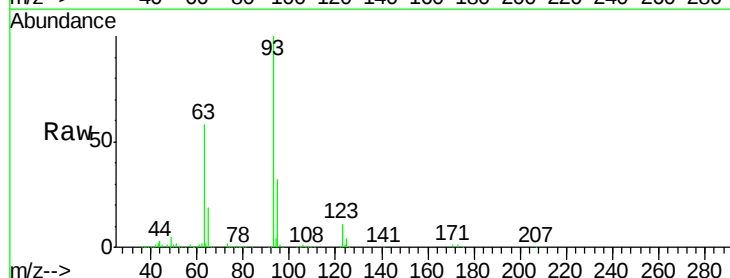
Tgt Ion: 93 Resp: 775379

Ion Ratio Lower Upper

93 100

95 31.8 24.3 36.5

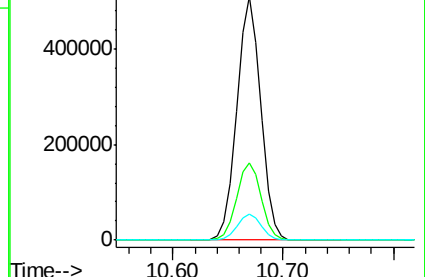
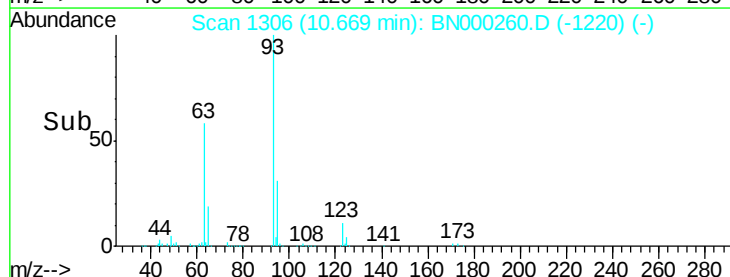
123 10.8 8.4 12.6

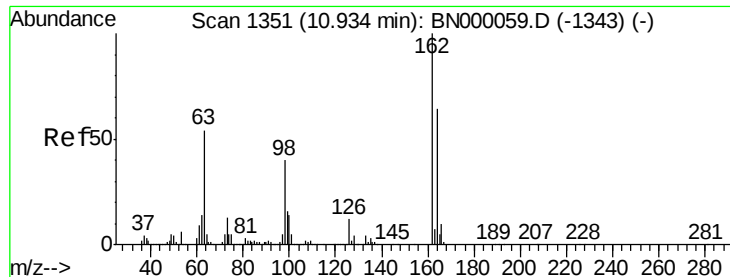


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E

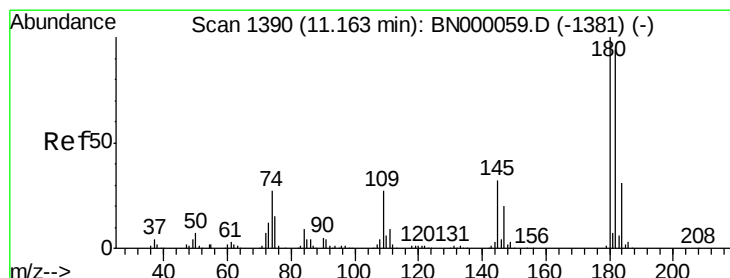
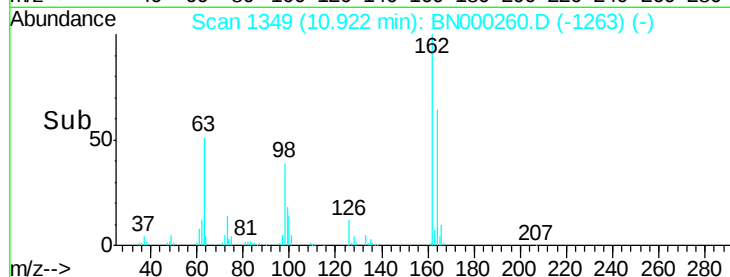
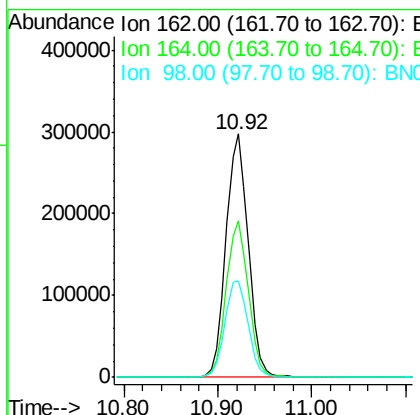
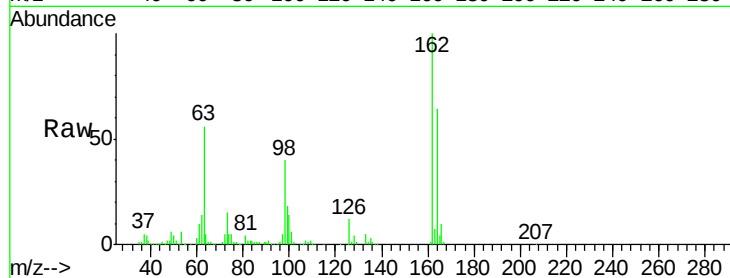




#29
2,4-Dichlorophenol
Concen: 26.857 ng
RT: 10.92 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BN000260.D
Acq: 06 Mar 2018 13:06

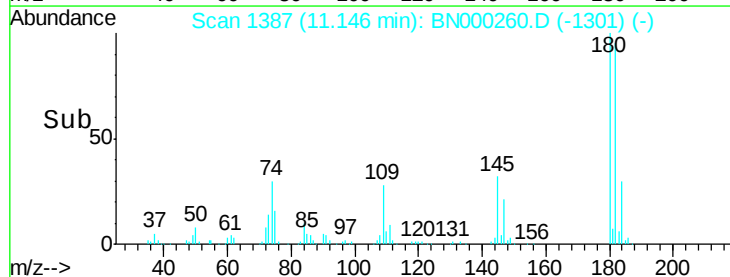
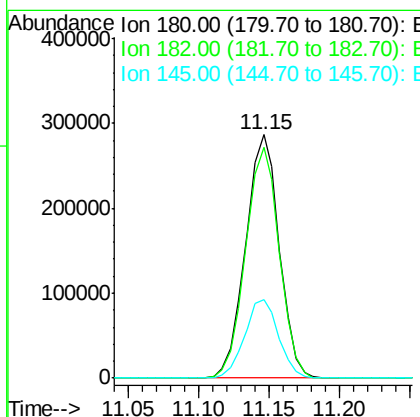
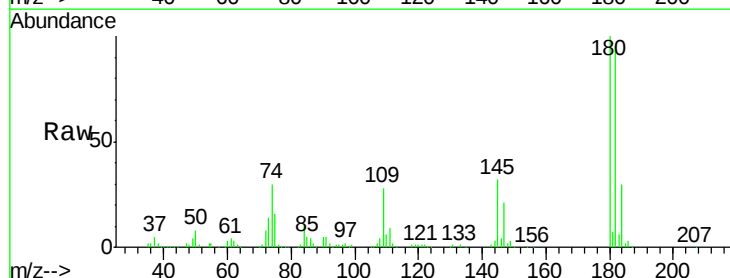
Instrument :
BNA_N
ClientSampleId :

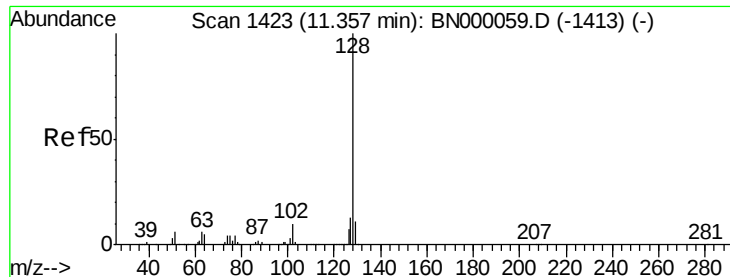
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	48.0	88.0
98	39.6	21.1	61.1



#30
1,2,4-Trichlorobenzene
Concen: 22.721 ng
RT: 11.15 min Scan# 1387
Delta R.T. -0.02 min
Lab File: BN000260.D
Acq: 06 Mar 2018 13:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	77.5	116.3
145	32.3	23.4	35.2

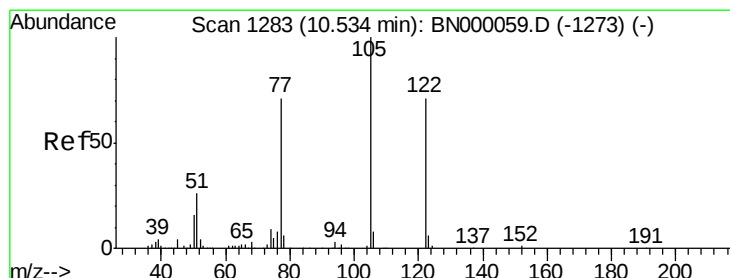
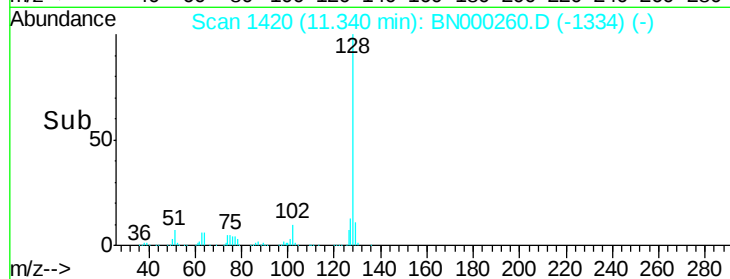
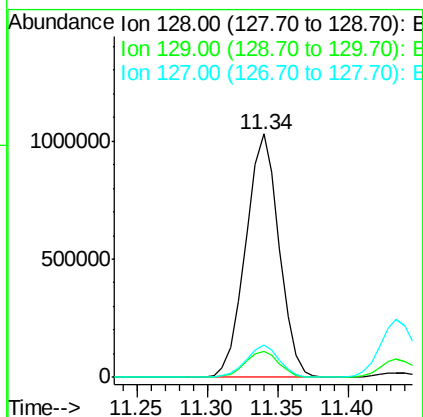
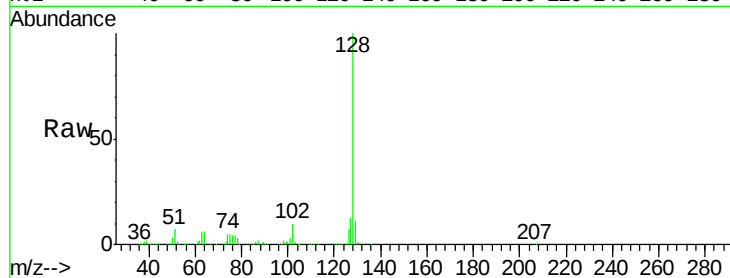




#31
Naphthalene
Concen: 23.817 ng
RT: 11.34 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BN000260.D
Acq: 06 Mar 2018 13:06

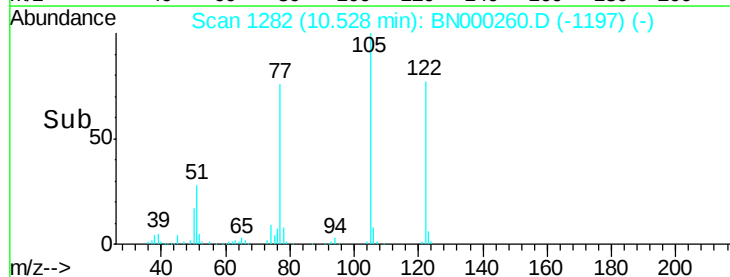
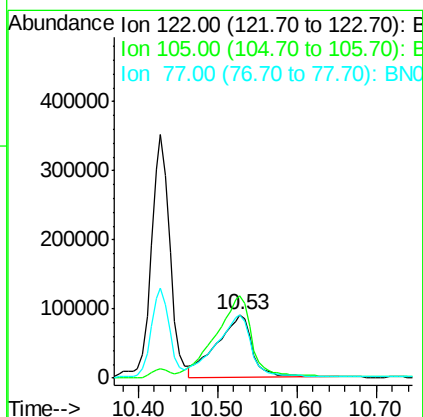
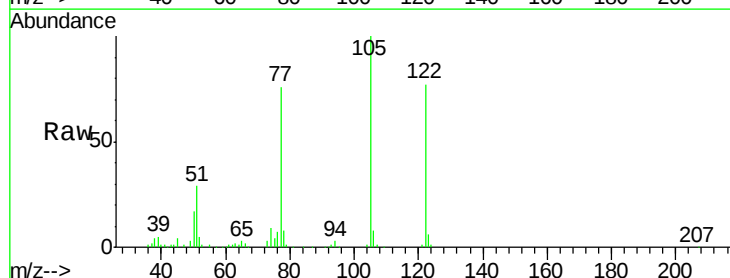
Instrument :
BNA_N
ClientSampled :

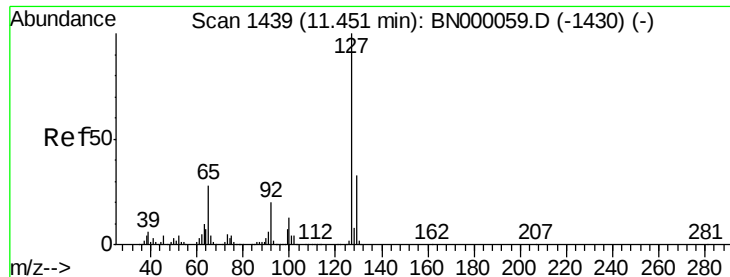
Tot Ion:128 Resp: 1710047
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.1 11.6 17.4



#32
Benzoic acid
Concen: 25.498 ng
RT: 10.53 min Scan# 1282
Delta R.T. -0.03 min
Lab File: BN000260.D
Acq: 06 Mar 2018 13:06

Tgt Ion:122 Resp: 280900
Ion Ratio Lower Upper
122 100
105 129.8 123.5 163.5
77 99.1 85.7 125.7

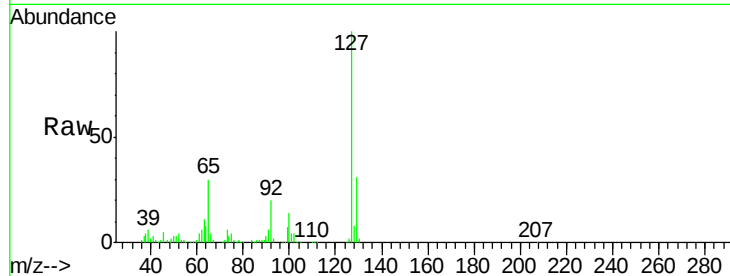




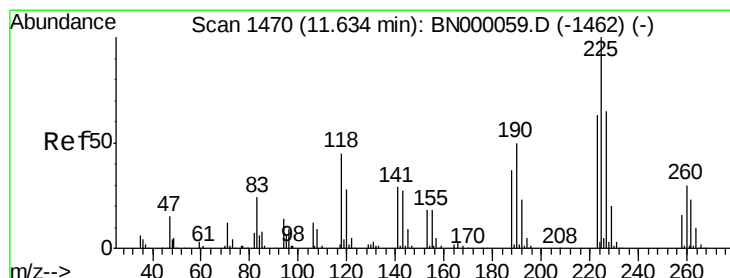
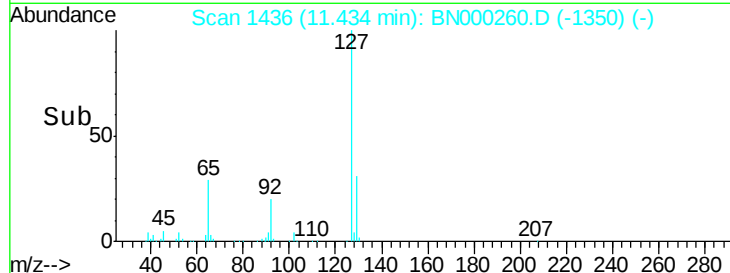
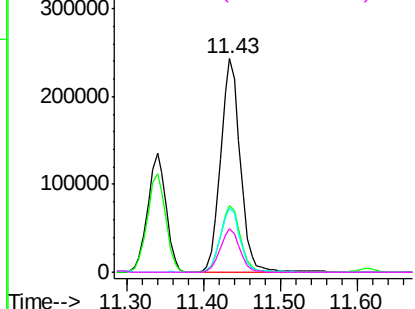
#33
4-Chloroaniline
Concen: 13.537 ng
RT: 11.43 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BN000260.D
Acq: 06 Mar 2018 13:06

Instrument :
BNA_N
ClientSampleId :

Tot Ion:	127	Resp:	426978
Ion	Ratio	Lower	Upper
127	100		
129	31.3	24.0	36.0
65	29.7	27.0	40.4
92	20.3	16.6	25.0

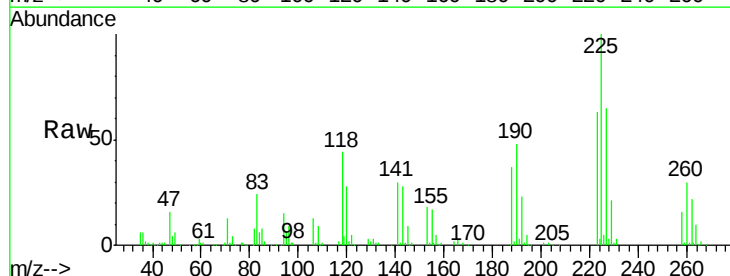


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

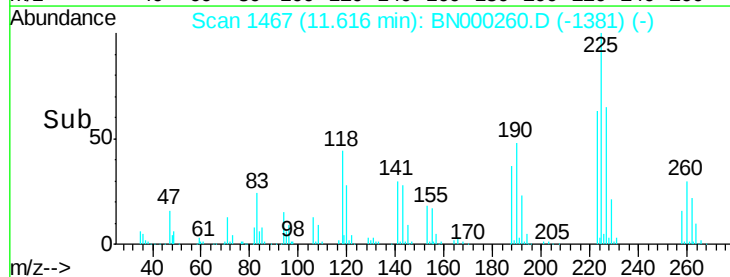
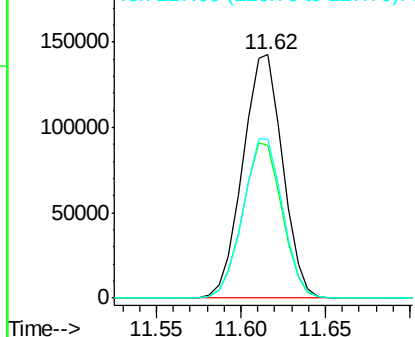


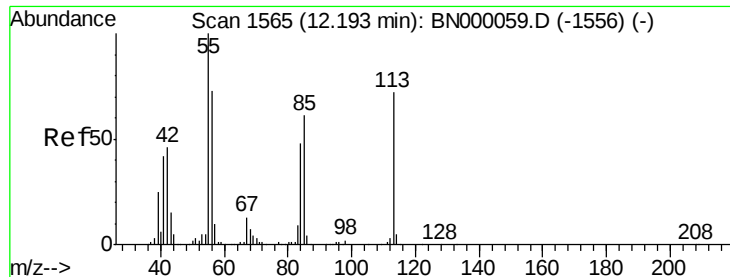
#34
Hexachlorobutadiene
Concen: 21.502 ng
RT: 11.62 min Scan# 1467
Delta R.T. -0.02 min
Lab File: BN000260.D
Acq: 06 Mar 2018 13:06

Tgt Ion:	225	Resp:	234567
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.7	74.5
227	65.3	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: 26.387 ng

RT: 12.19 min Scan# 1564

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA_N

ClientSampleId :

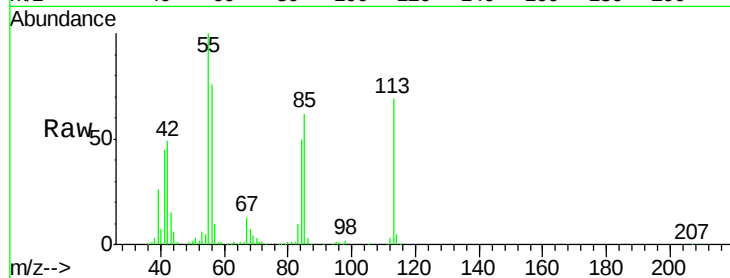
Tot Ion:113 Resp: 194941

Ion Ratio Lower Upper

113 100

55 145.4 120.0 160.0

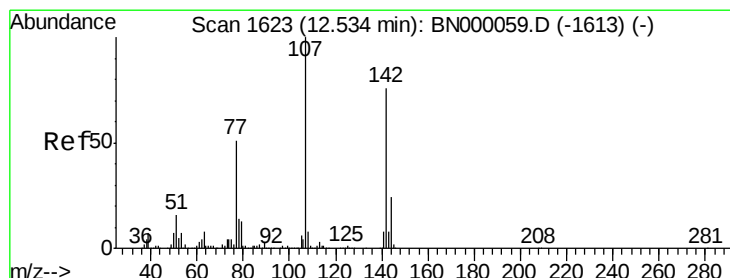
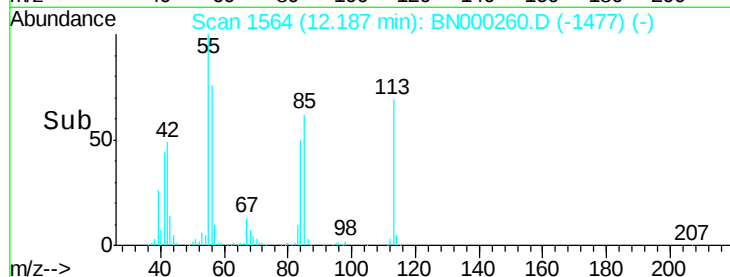
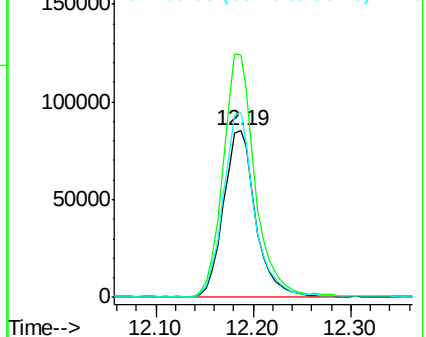
56 110.6 90.0 130.0



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: 26.835 ng

RT: 12.52 min Scan# 1621

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

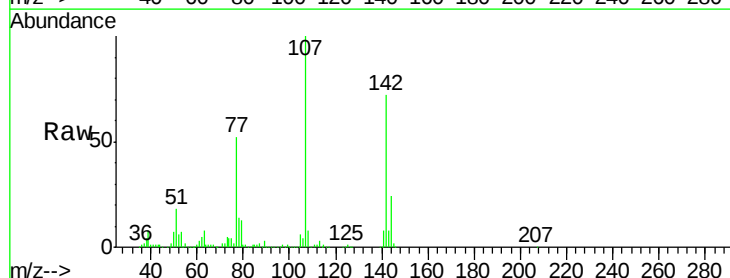
Tgt Ion:107 Resp: 622397

Ion Ratio Lower Upper

107 100

144 23.9 18.2 27.4

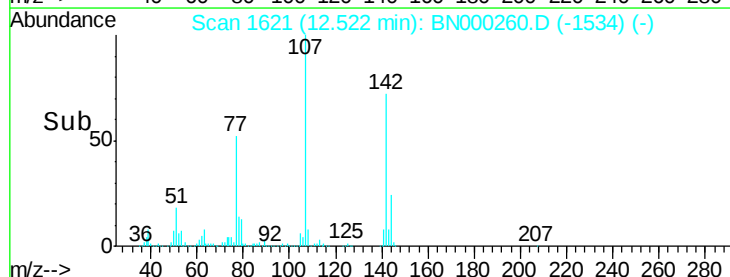
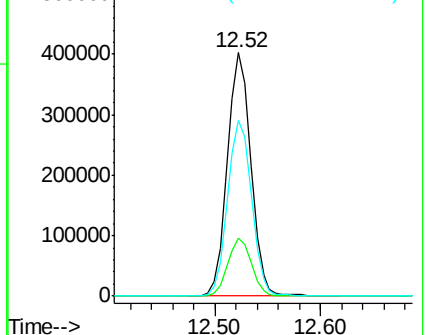
142 72.0 59.0 88.4

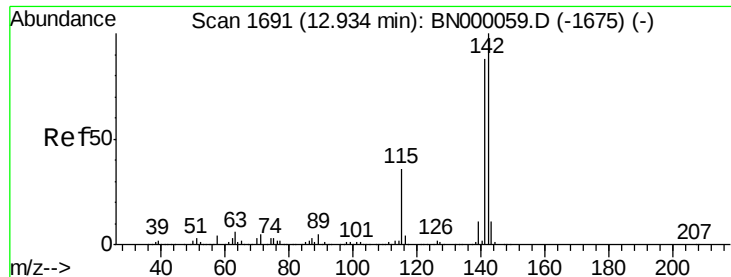


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

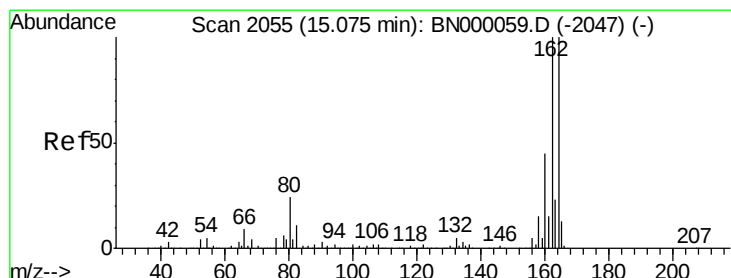
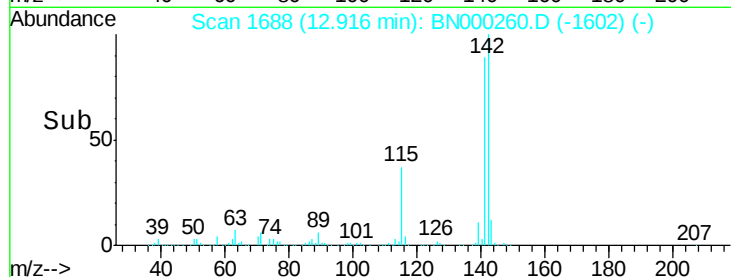
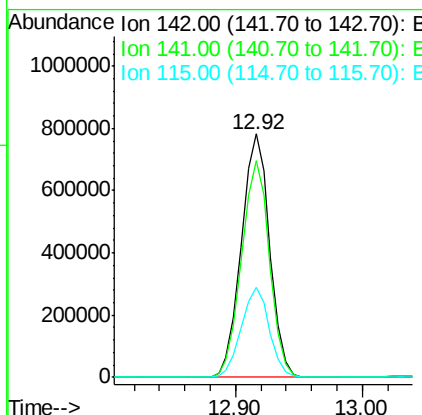
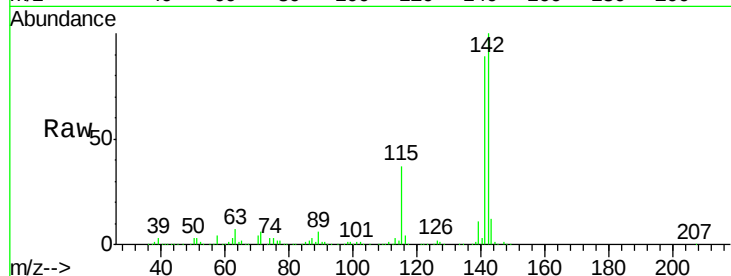




#37
2-Methylnaphthalene
Concen: 24.134 ng
RT: 12.92 min Scan# 1688
Delta R.T. -0.02 min
Lab File: BN000260.D
Acq: 06 Mar 2018 13:06

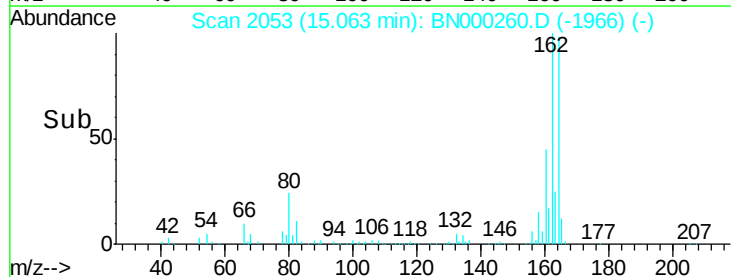
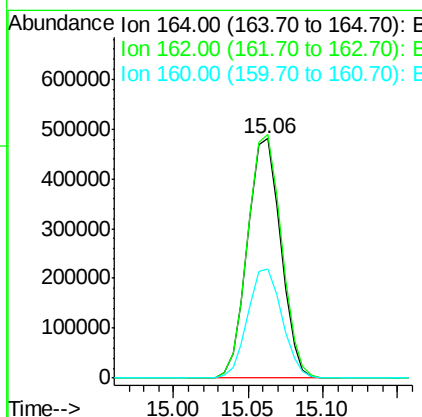
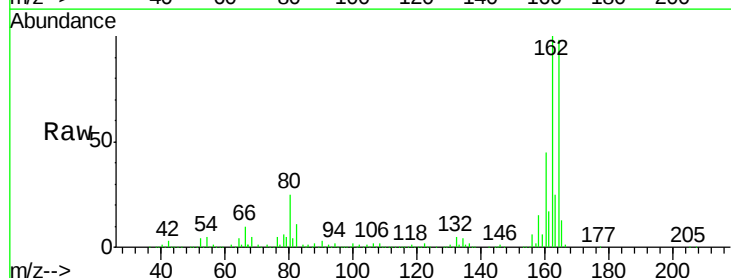
Instrument :
BNA_N
ClientSampled :

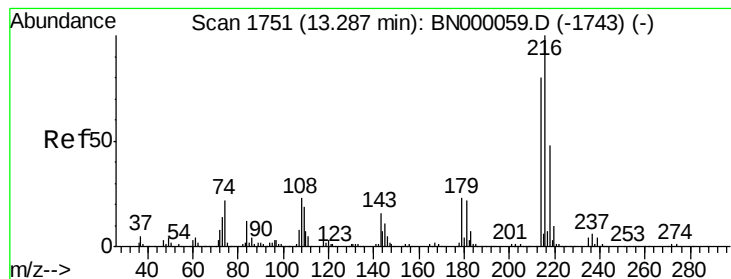
Tot Ion:142 Resp: 1205639
Ion Ratio Lower Upper
142 100
141 88.9 67.1 100.7
115 37.0 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.06 min Scan# 2053
Delta R.T. -0.02 min
Lab File: BN000260.D
Acq: 06 Mar 2018 13:06

Tgt Ion:164 Resp: 739237
Ion Ratio Lower Upper
164 100
162 101.8 78.8 118.2
160 45.9 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 23.012 ng

RT: 13.27 min Scan# 1749

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA_N

ClientSampled :

Tot Ion:216 Resp: 502128

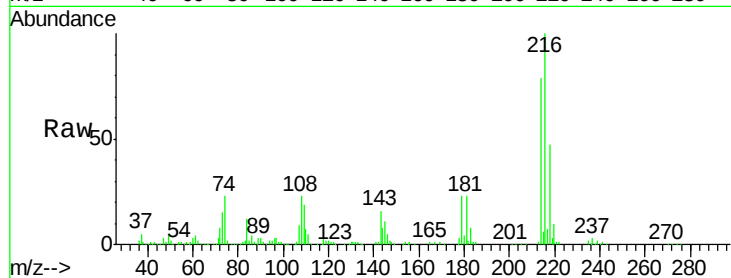
Ion Ratio Lower Upper

216 100

214 79.6 63.0 94.4

179 23.4 17.0 25.6

108 26.5 12.8 19.2#

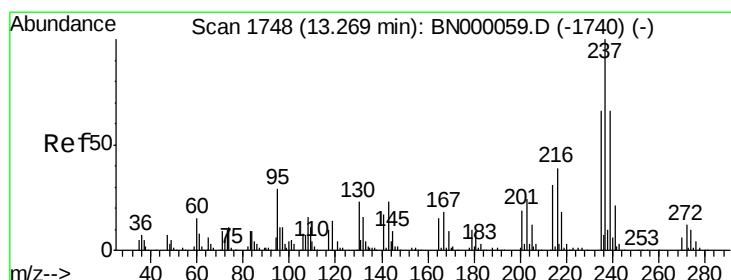
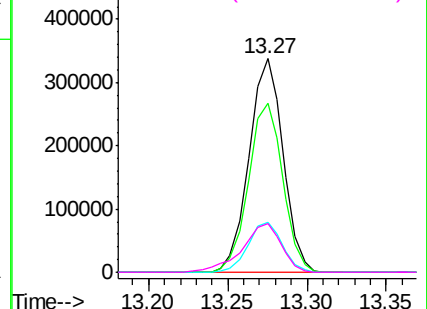
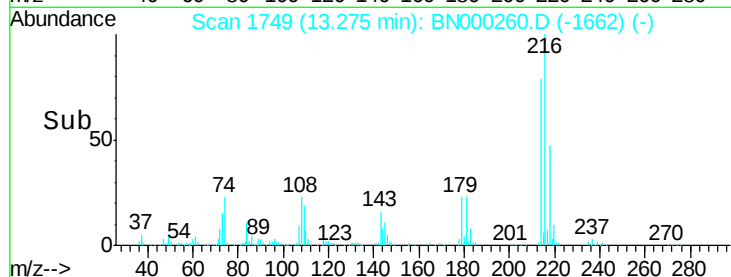


Abundance Ion 216.00 (215.70 to 216.70): E

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: 41.491 ng

RT: 13.25 min Scan# 1745

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

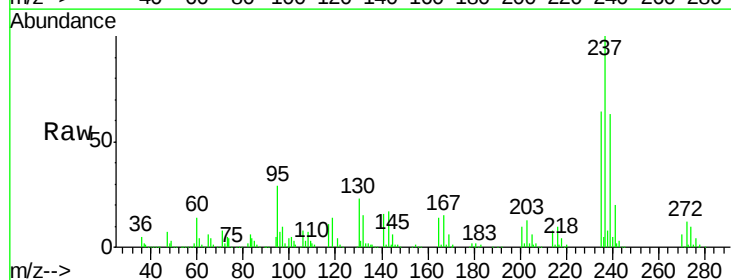
Tgt Ion:237 Resp: 377382

Ion Ratio Lower Upper

237 100

235 64.1 50.4 90.4

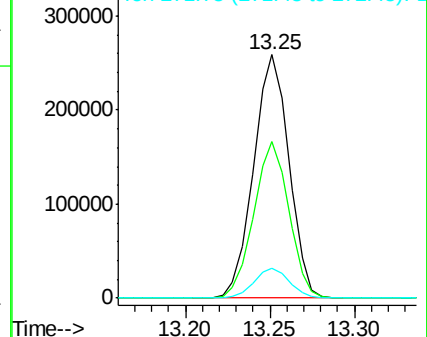
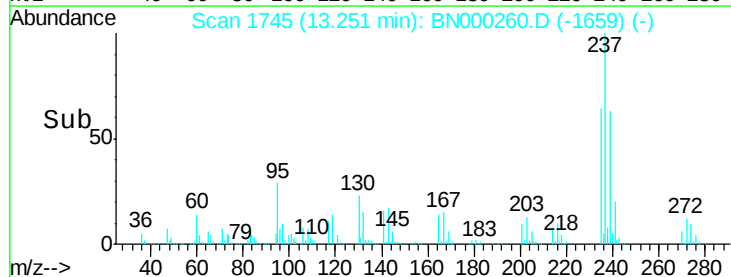
272 12.0 0.0 31.8

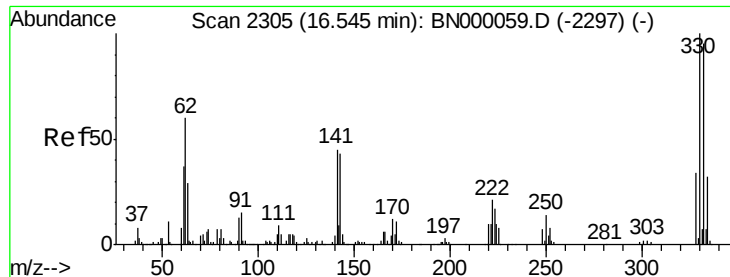


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

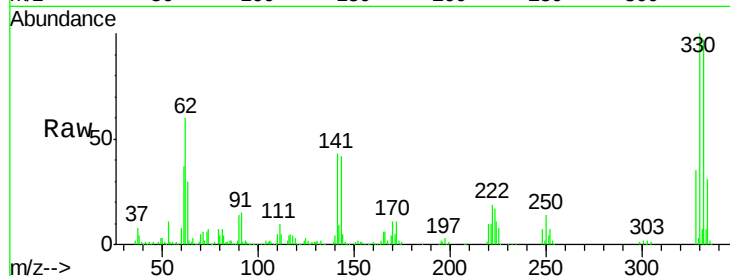




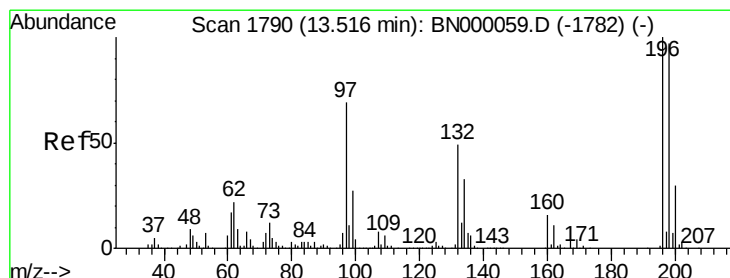
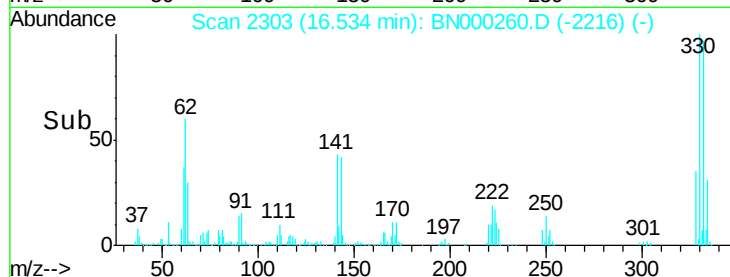
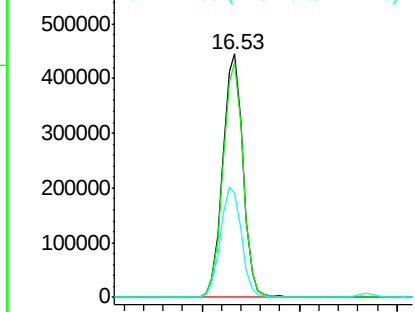
#41
 2,4,6-Tribromophenol
 Concen: 87.570 ng
 RT: 16.53 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: BN000260.D
 Acq: 06 Mar 2018 13:06

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:330 Resp: 640780
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 47.4 25.2 37.8#

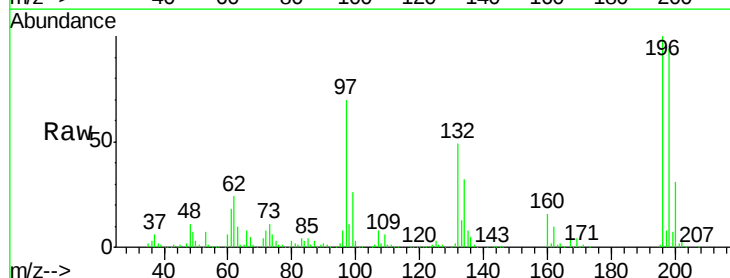


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

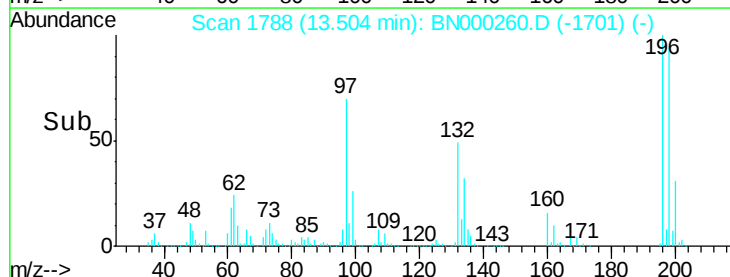
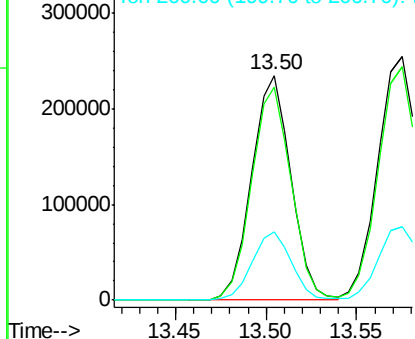


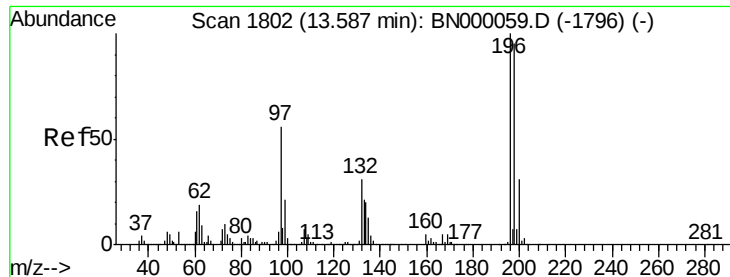
#42
 2,4,6-Trichlorophenol
 Concen: 27.000 ng
 RT: 13.50 min Scan# 1788
 Delta R.T. -0.02 min
 Lab File: BN000260.D
 Acq: 06 Mar 2018 13:06

Tgt Ion:196 Resp: 353100
 Ion Ratio Lower Upper
 196 100
 198 94.4 78.2 117.2
 200 30.6 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

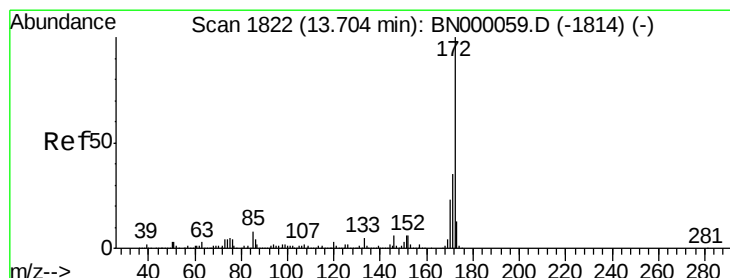
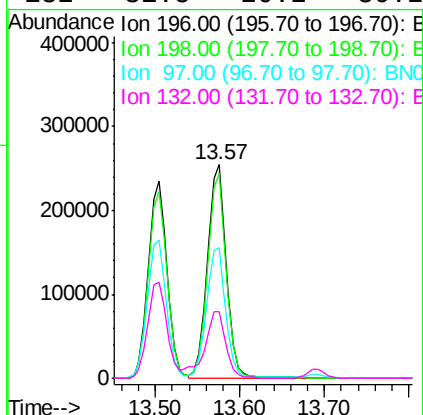
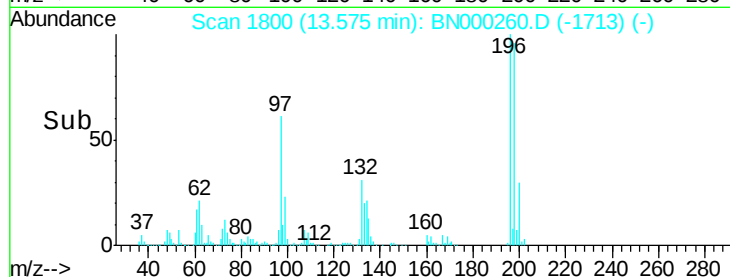
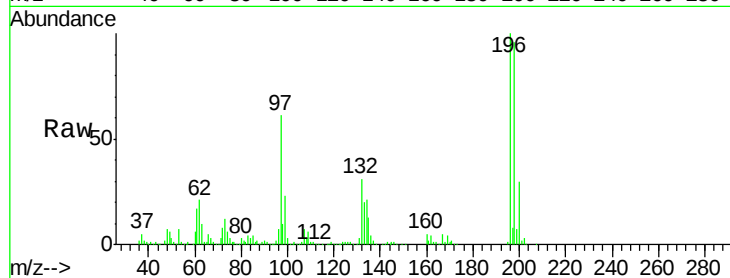




#43
2,4,5-Trichlorophenol
Concen: 25.605 ng
RT: 13.57 min Scan# 1800
Delta R.T. -0.02 min
Lab File: BN000260.D
Acq: 06 Mar 2018 13:06

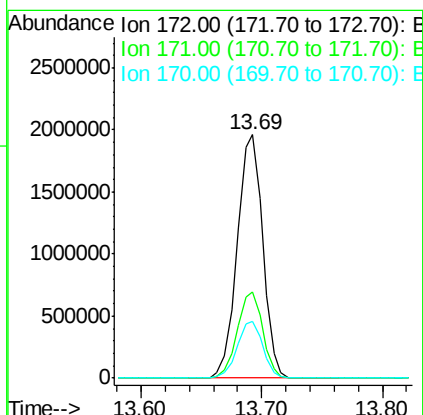
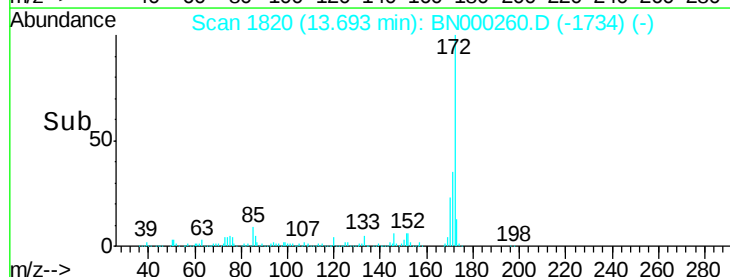
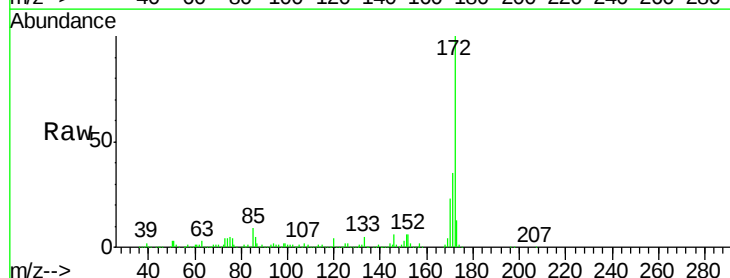
Instrument :
BNA_N
ClientSampleId :

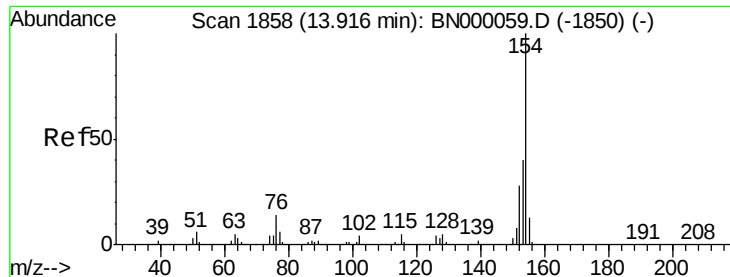
Tot Ion:196 Resp: 402543
Ion Ratio Lower Upper
196 100
198 96.1 76.2 114.4
97 61.4 38.7 58.1#
132 31.5 20.2 30.2#



#44
2-Fluorobiphenyl
Concen: 55.037 ng
RT: 13.69 min Scan# 1820
Delta R.T. -0.02 min
Lab File: BN000260.D
Acq: 06 Mar 2018 13:06

Tgt Ion:172 Resp: 2886671
Ion Ratio Lower Upper
172 100
171 35.4 30.0 45.0
170 23.5 19.5 29.3

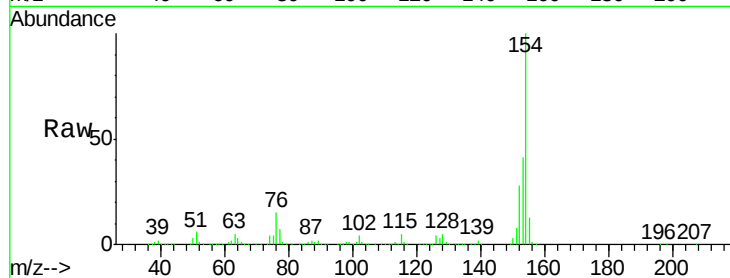




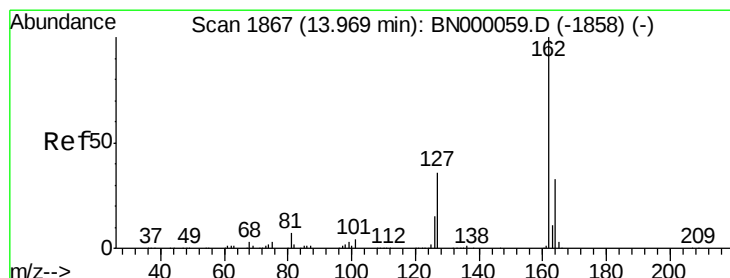
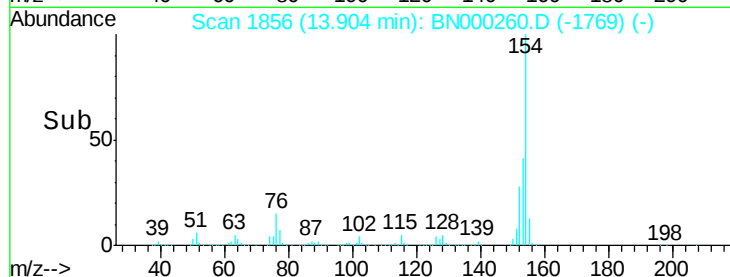
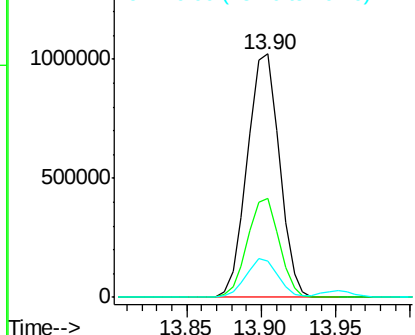
#45
 1,1'-Biphenyl
 Concen: 23.423 ng
 RT: 13.90 min Scan# 1856
 Delta R.T. -0.02 min
 Lab File: BN000260.D
 Acq: 06 Mar 2018 13:06

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:154 Resp: 1524970
 Ion Ratio Lower Upper
 154 100
 153 40.7 19.8 59.8
 76 15.0 0.0 31.9

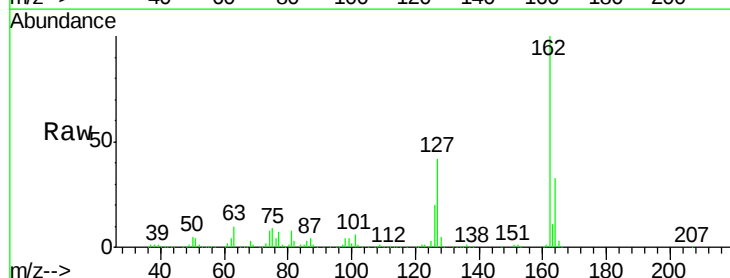


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BNC

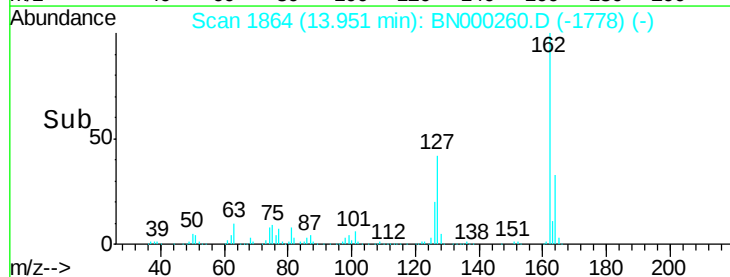
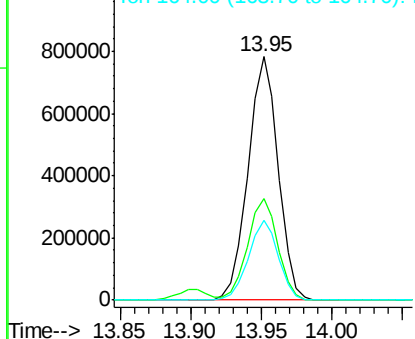


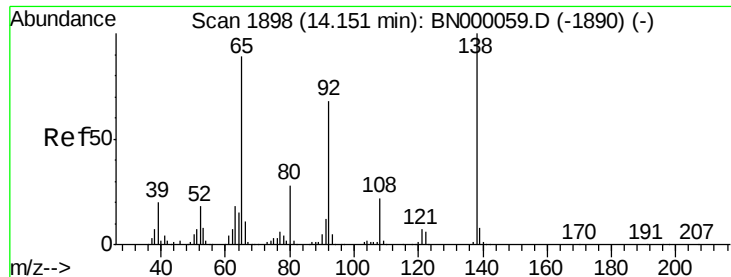
#46
 2-Chloronaphthalene
 Concen: 23.879 ng
 RT: 13.95 min Scan# 1864
 Delta R.T. -0.02 min
 Lab File: BN000260.D
 Acq: 06 Mar 2018 13:06

Tgt Ion:162 Resp: 1166521
 Ion Ratio Lower Upper
 162 100
 127 41.8 30.7 46.1
 164 32.6 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: 29.026 ng

RT: 14.14 min Scan# 1896

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA_N

ClientSampleId :

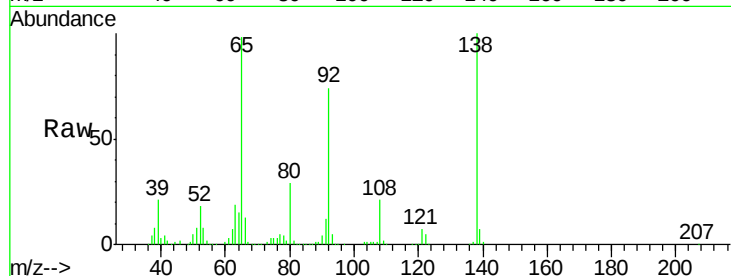
Tot Ion: 65 Resp: 385146

Ion Ratio Lower Upper

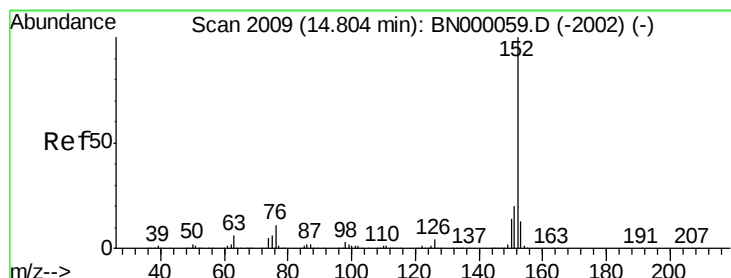
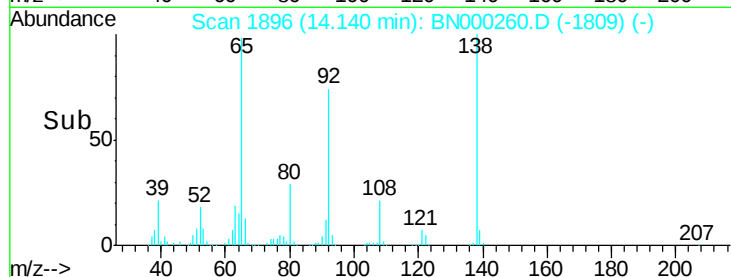
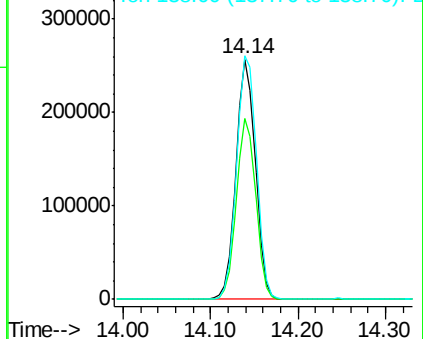
65 100

92 75.3 54.6 82.0

138 101.5 72.9 109.3



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



#48

Acenaphthylene

Concen: 23.948 ng

RT: 14.79 min Scan# 2006

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

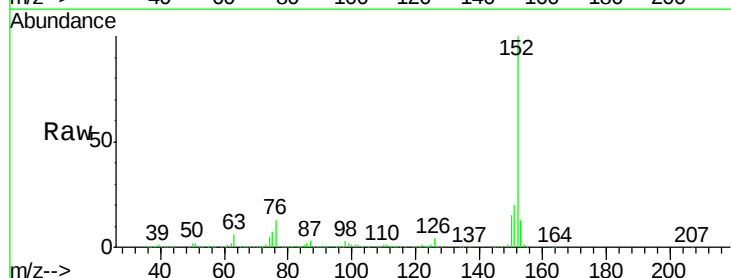
Tgt Ion: 152 Resp: 1884857

Ion Ratio Lower Upper

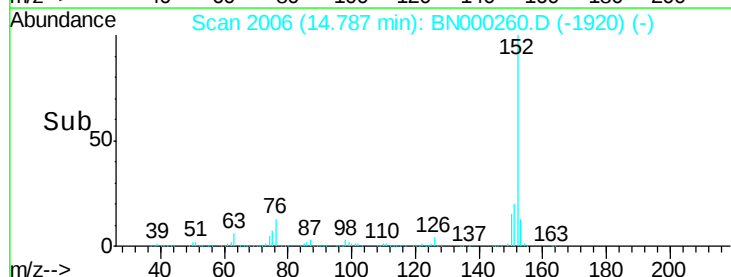
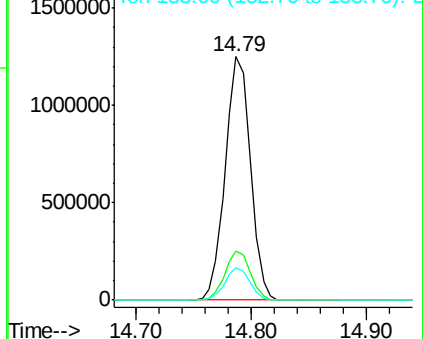
152 100

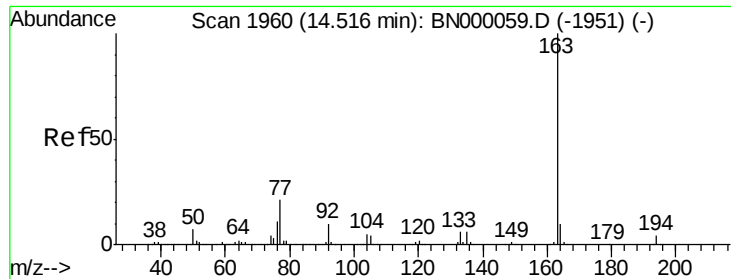
151 20.4 17.2 25.8

153 13.4 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): BNC
Ion 151.00 (150.70 to 151.70): BNC
Ion 153.00 (152.70 to 153.70): BNC





#49

Dimethylphthalate

Concen: 23.867 ng

RT: 14.50 min Scan# 1957

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA_N

ClientSampled :

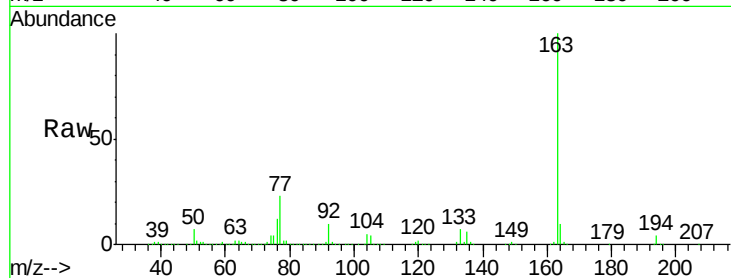
Tot Ion:163 Resp: 1474879

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

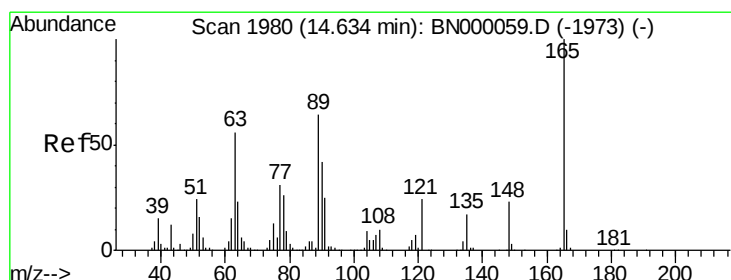
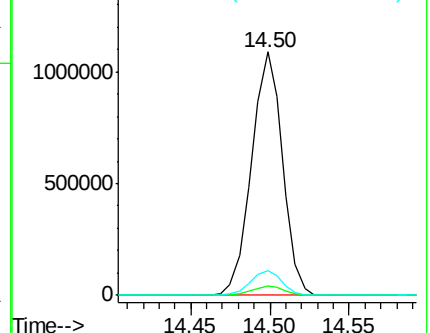
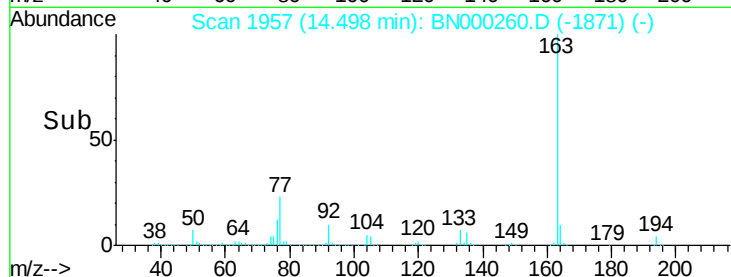
164 9.9 8.2 12.4



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: 24.547 ng

RT: 14.62 min Scan# 1978

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

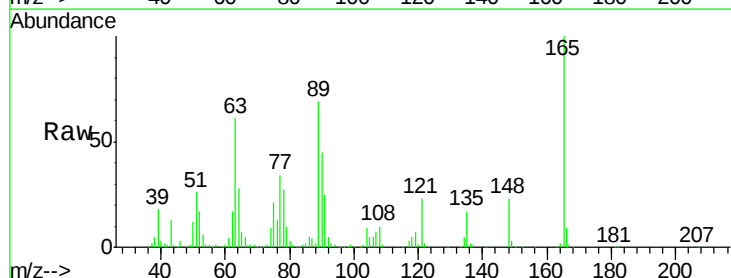
Tgt Ion:165 Resp: 313150

Ion Ratio Lower Upper

165 100

63 61.3 52.7 79.1

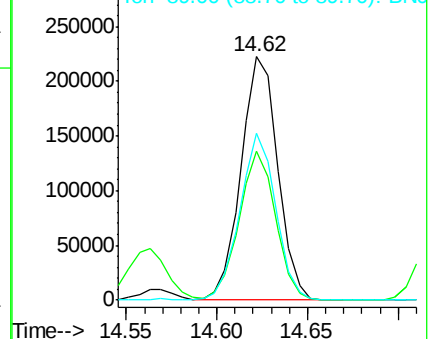
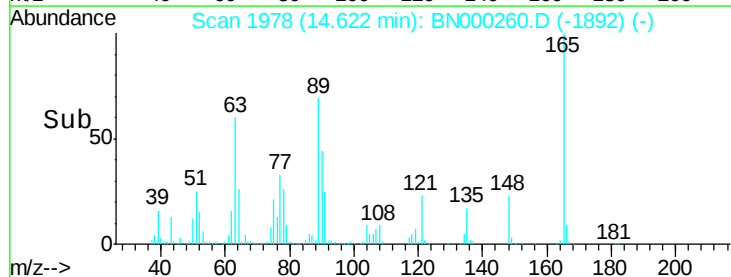
89 68.5 49.2 73.8

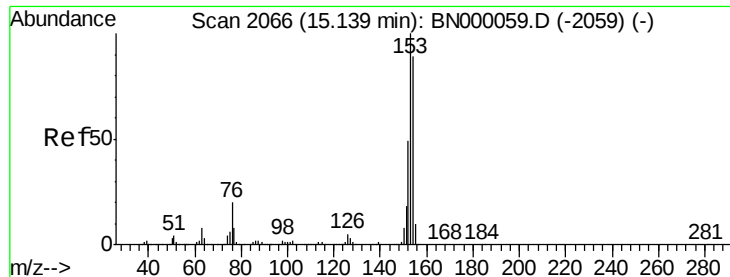


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#51

Acenaphthene

Concen: 25.297 ng

RT: 15.12 min Scan# 2063

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

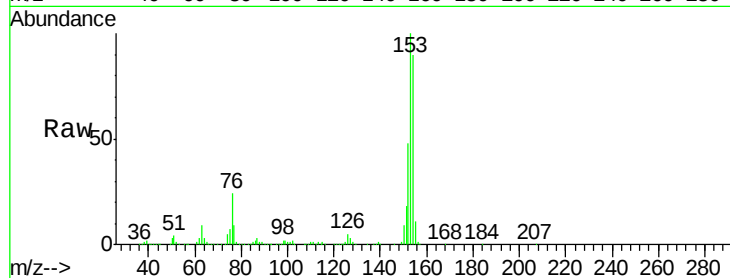
Instrument :

BNA_N

ClientSampleId :

Tot Ion:154 Resp: 1296009

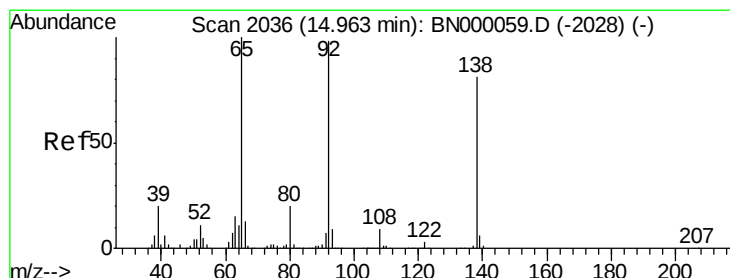
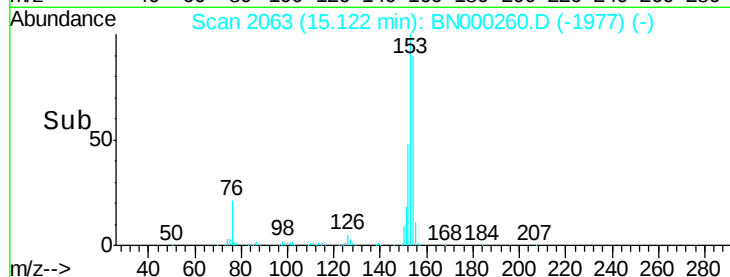
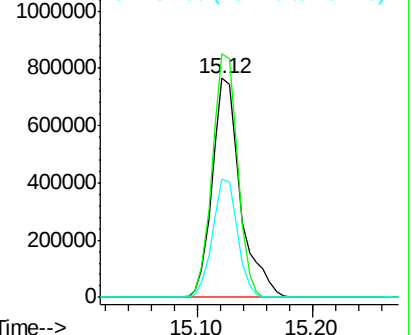
Ion	Ratio	Lower	Upper
154	100		
153	111.0	90.4	135.6
152	53.8	41.6	62.4



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: 18.374 ng

RT: 14.95 min Scan# 2034

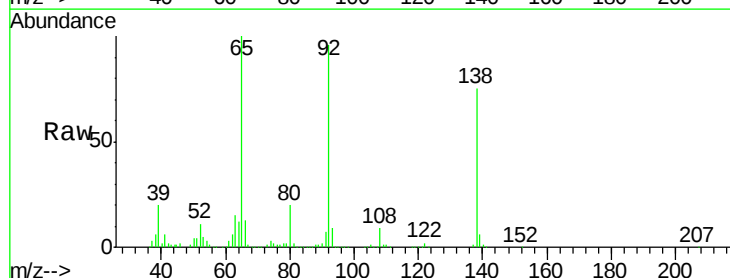
Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Tgt Ion:138 Resp: 284932

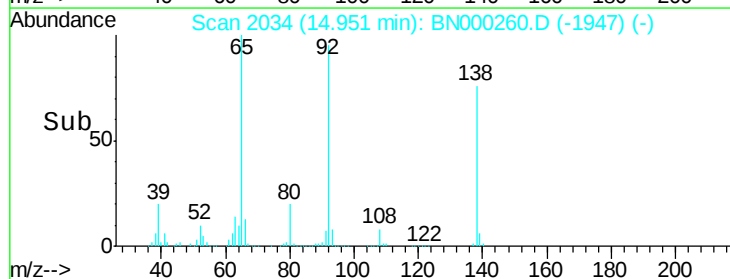
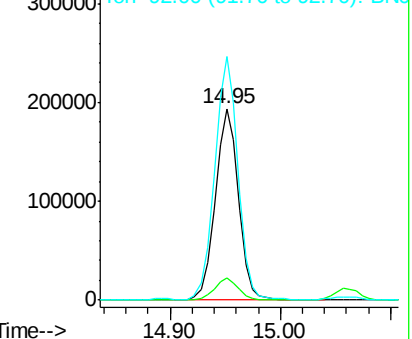
Ion	Ratio	Lower	Upper
138	100		
108	11.4	17.5	26.3#
92	127.1	105.8	158.8

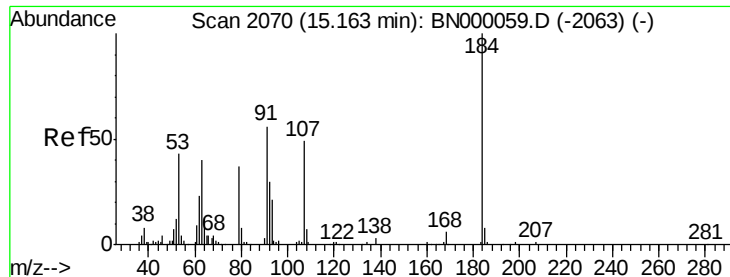


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC

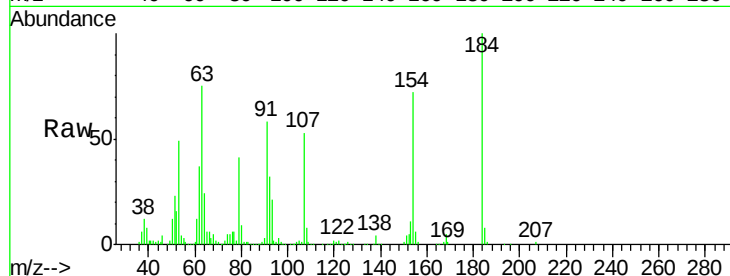




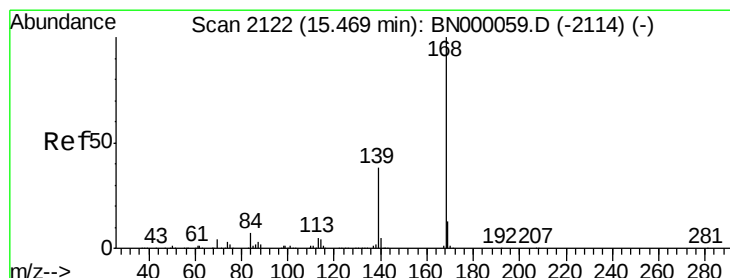
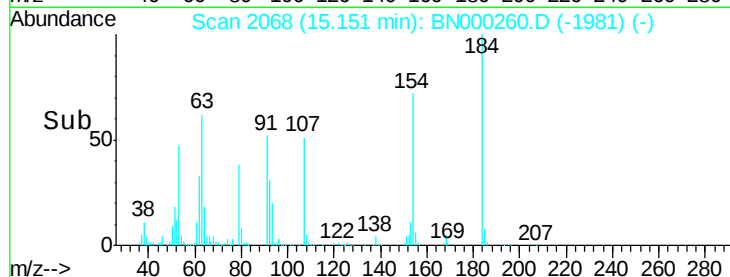
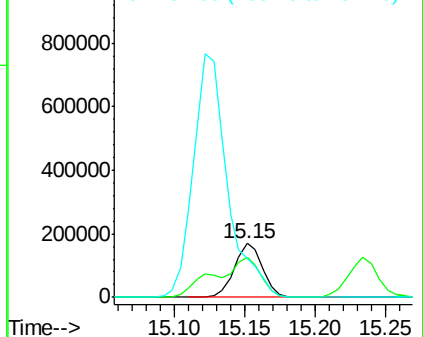
#53
2,4-Dinitrophenol
Concen: 55.650 ng
RT: 15.15 min Scan# 2068
Delta R.T. -0.02 min
Lab File: BN000260.D
Acq: 06 Mar 2018 13:06

Instrument :
BNA_N
ClientSampleId :

Tot Ion:184 Resp: 237434
Ion Ratio Lower Upper
184 100
63 75.4 80.0 120.0#
154 71.8 308.0 462.0#

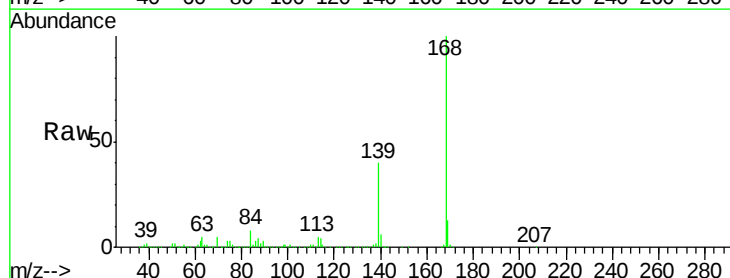


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BNO
Ion 154.00 (153.70 to 154.70): E

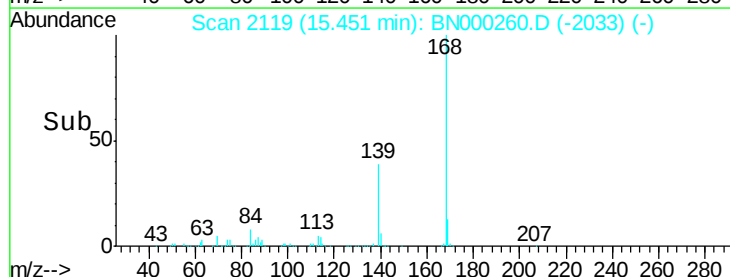
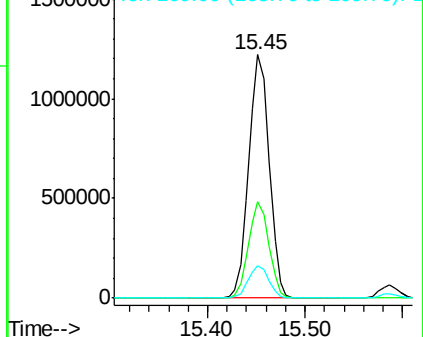


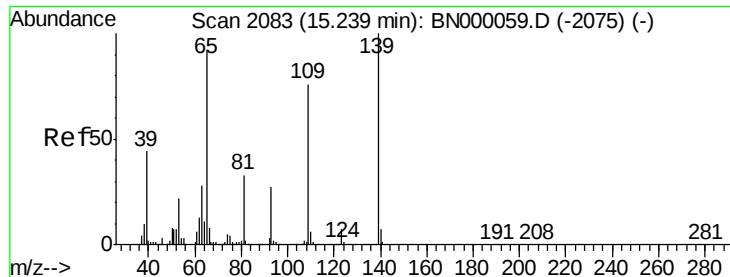
#54
Dibenzofuran
Concen: 24.611 ng
RT: 15.45 min Scan# 2119
Delta R.T. -0.02 min
Lab File: BN000260.D
Acq: 06 Mar 2018 13:06

Tgt Ion:168 Resp: 1785664
Ion Ratio Lower Upper
168 100
139 39.6 28.6 43.0
169 13.5 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: 51.880 ng

RT: 15.23 min Scan# 2082

Delta R.T. -0.01 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA_N

ClientSampled :

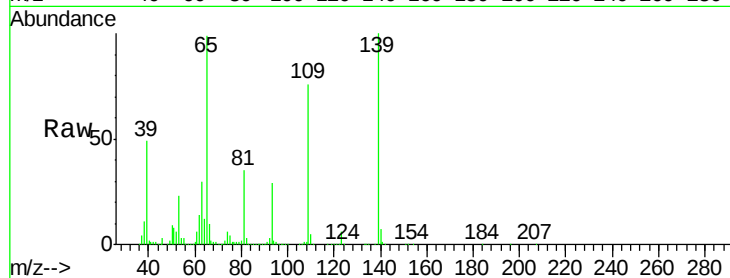
Tot Ion:139 Resp: 635575

Ion Ratio Lower Upper

139 100

109 76.4 62.2 102.2

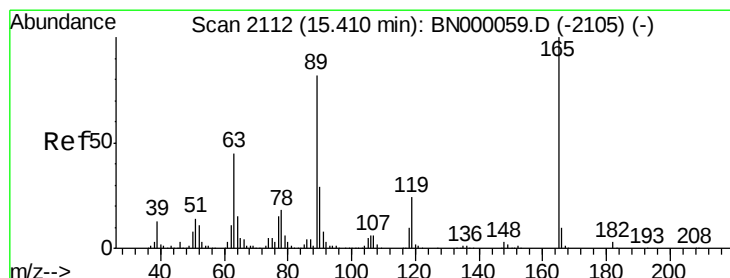
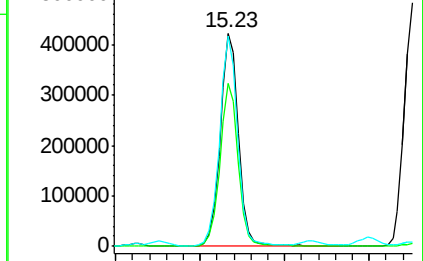
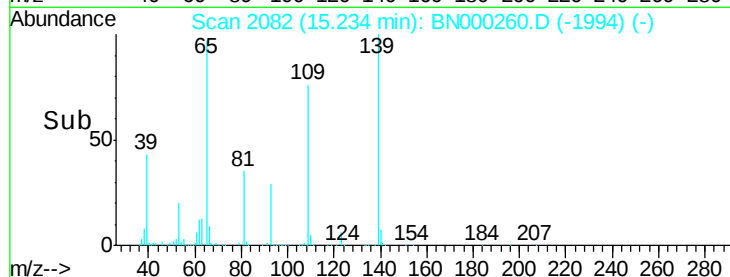
65 98.6 97.2 137.2



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: 26.206 ng

RT: 15.40 min Scan# 2110

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Tgt Ion:165 Resp: 440594

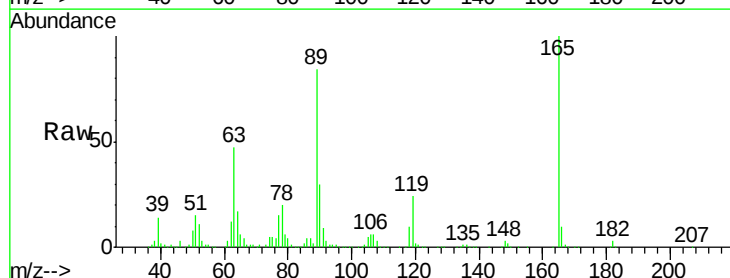
Ion Ratio Lower Upper

165 100

63 47.5 42.0 63.0

89 83.6 66.9 100.3

182 2.6 2.6 3.8

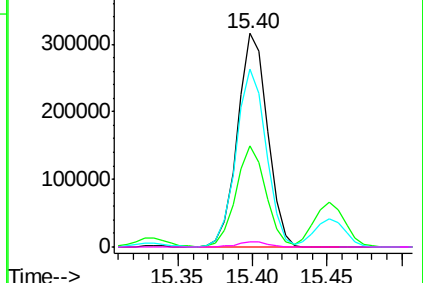
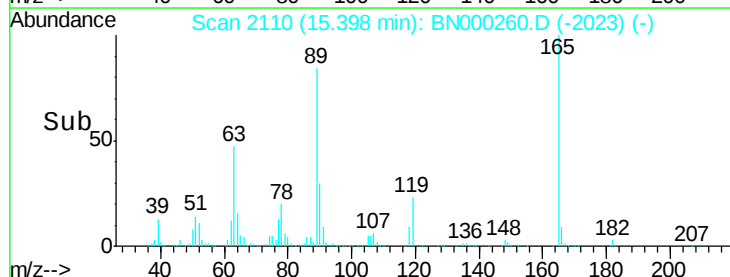


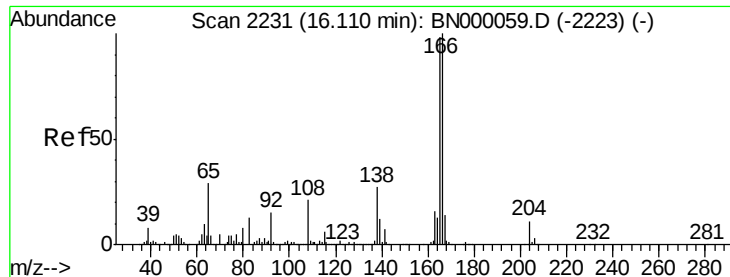
Abundance Ion 165.00 (164.70 to 165.70): E

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: 24.300 ng

RT: 16.10 min Scan# 2229

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA_N

ClientSampleId :

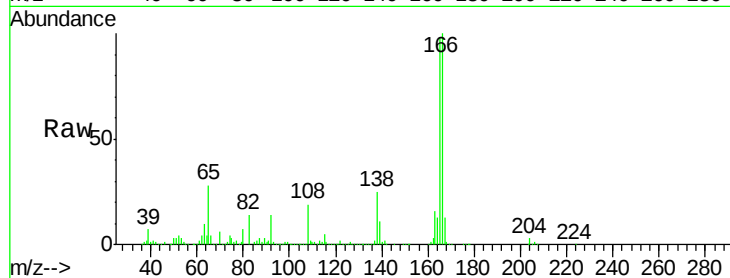
Tot Ion:166 Resp: 1439628

Ion Ratio Lower Upper

166 100

165 97.6 80.6 121.0

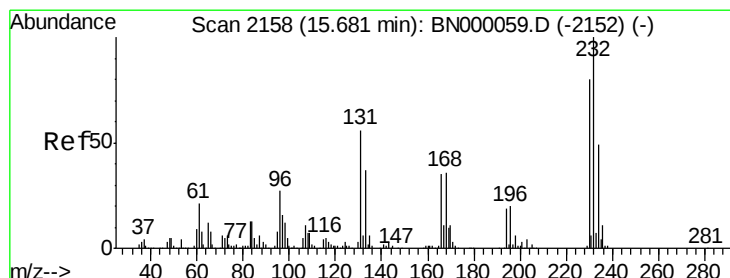
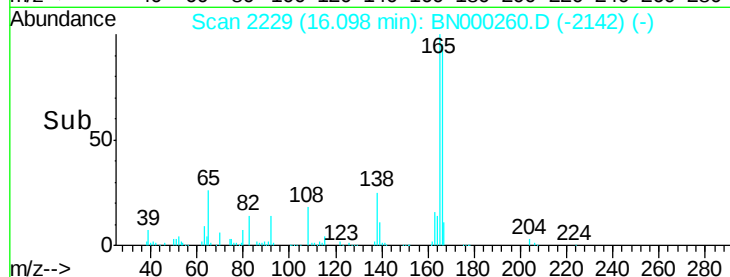
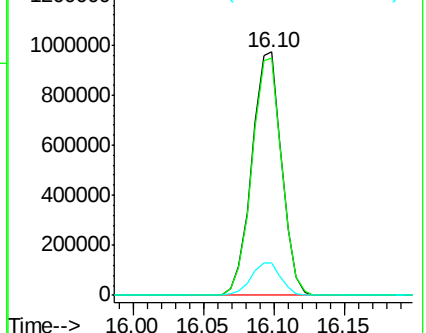
167 13.2 10.4 15.6



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: 26.931 ng

RT: 15.67 min Scan# 2156

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Tgt Ion:232 Resp: 334142

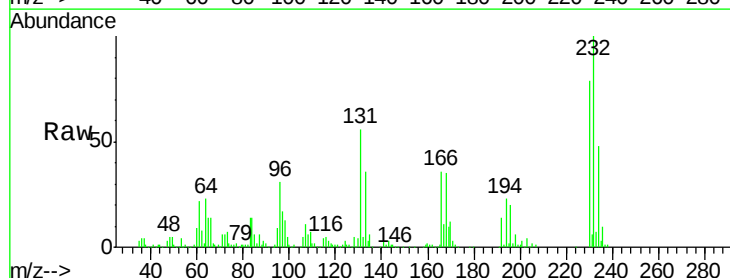
Ion Ratio Lower Upper

232 100

131 59.2 33.5 50.3#

130 6.6 2.2 3.2#

166 37.3 24.8 37.2#

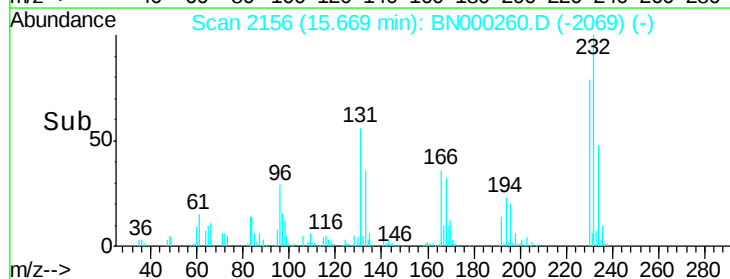
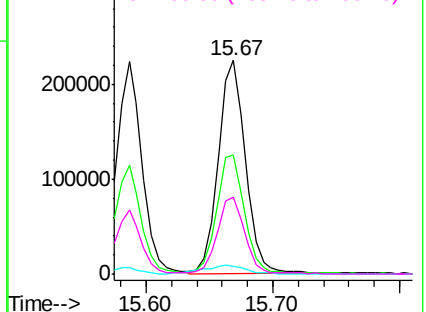


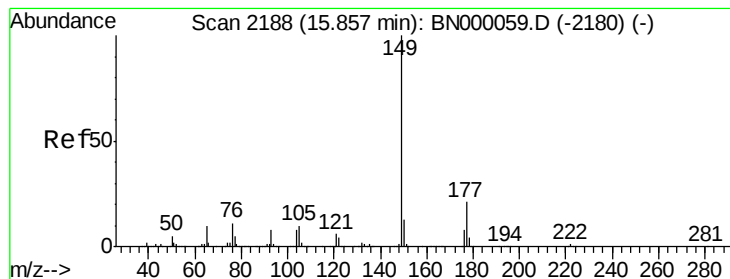
Abundance Ion 232.00 (231.70 to 232.70): E

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: 24.858 ng

RT: 15.84 min Scan# 2185

Delta R.T. -0.03 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA_N

ClientSampleId :

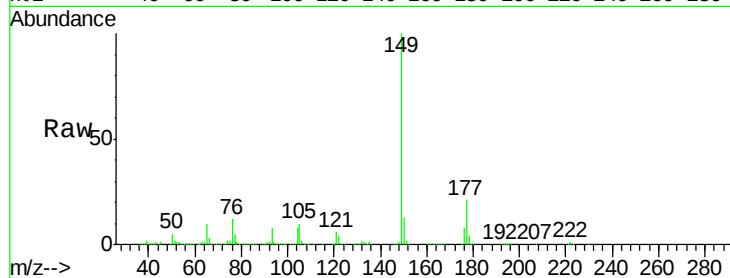
Tot Ion:149 Resp: 1561032

Ion Ratio Lower Upper

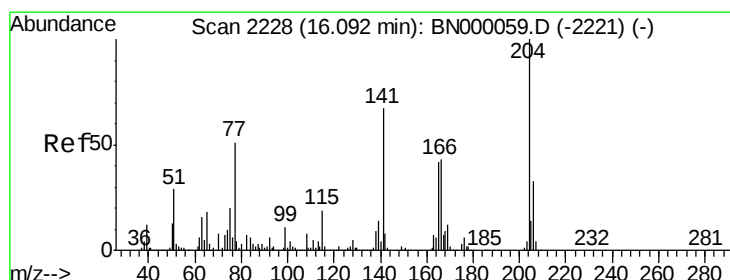
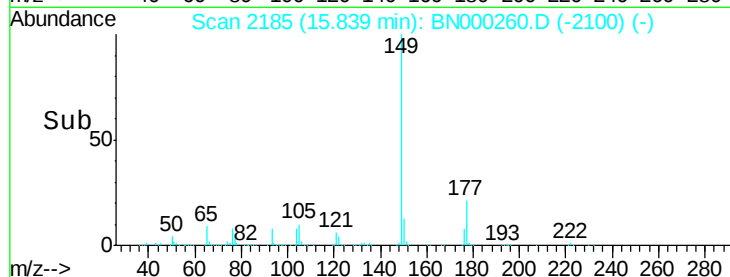
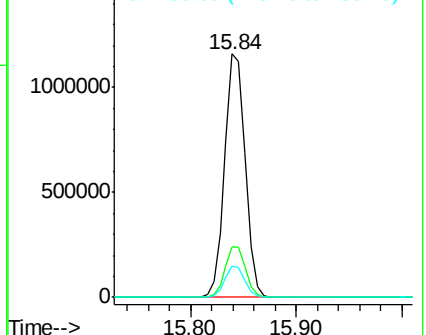
149 100

177 20.7 18.5 27.7

150 12.5 10.2 15.2



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



#60

4-Chlorophenyl-phenylether

Concen: 23.901 ng

RT: 16.07 min Scan# 2225

Delta R.T. -0.03 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

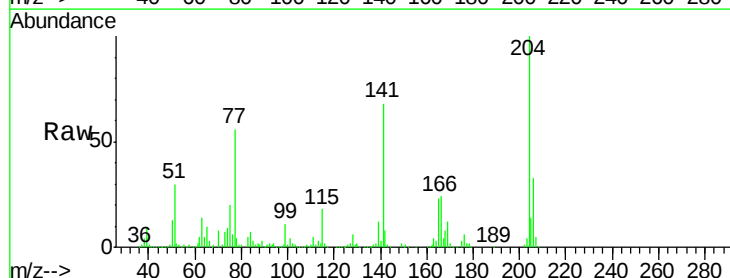
Tgt Ion:204 Resp: 645298

Ion Ratio Lower Upper

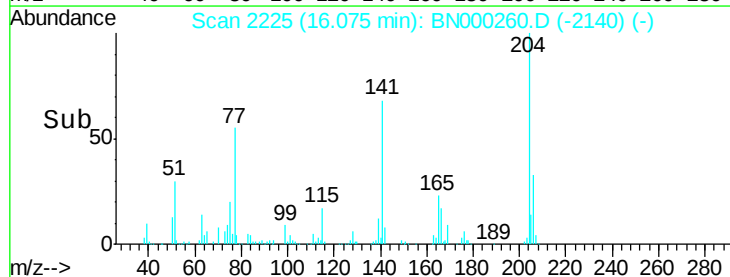
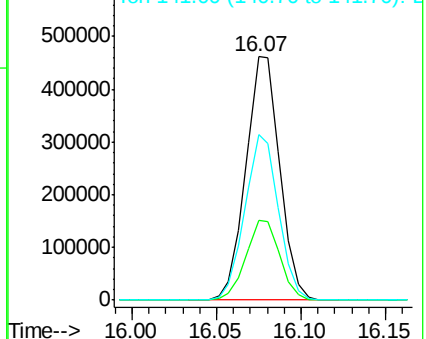
204 100

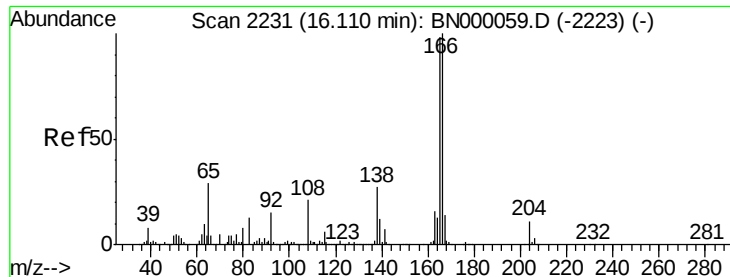
206 32.6 26.2 39.2

141 68.1 45.8 68.6



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

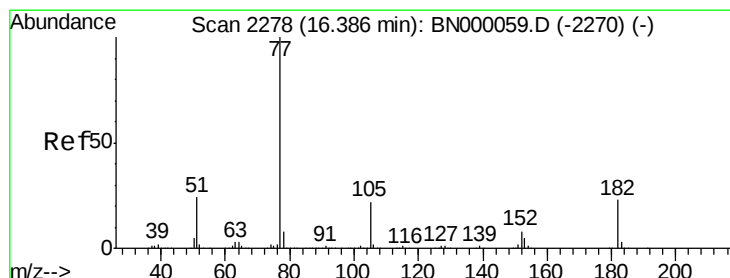
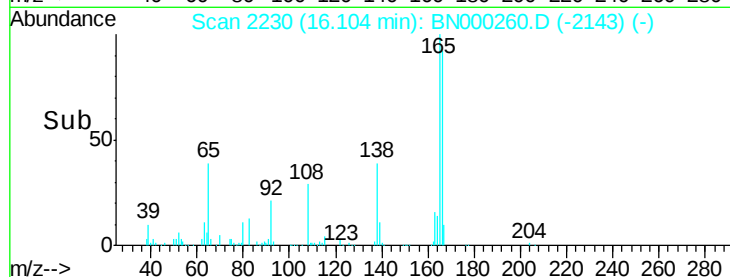
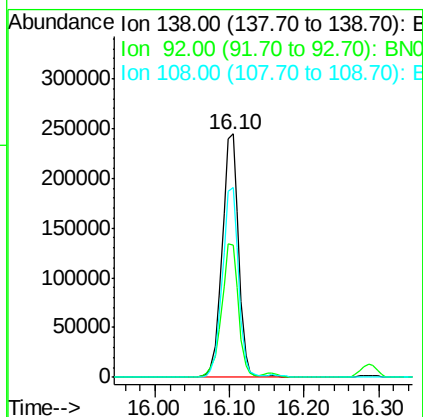
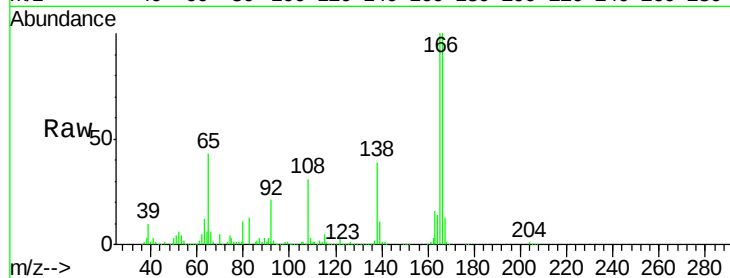




#61
4-Nitroaniline
Concen: 23.614 ng
RT: 16.10 min Scan# 2230
Delta R.T. -0.02 min
Lab File: BN000260.D
Acq: 06 Mar 2018 13:06

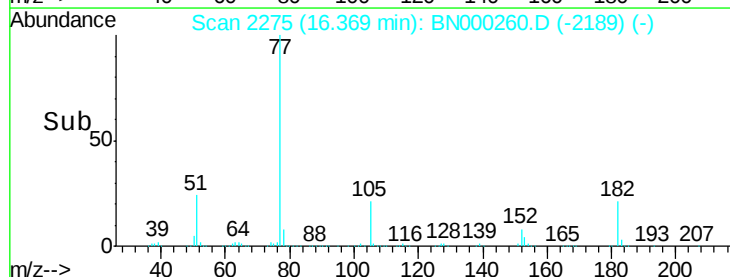
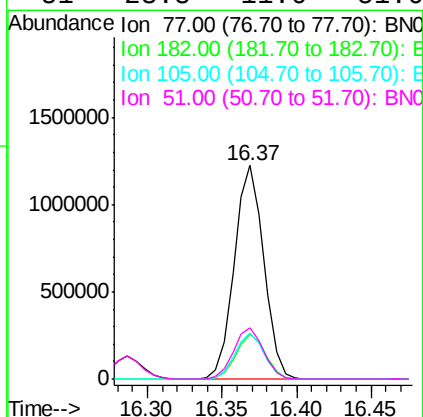
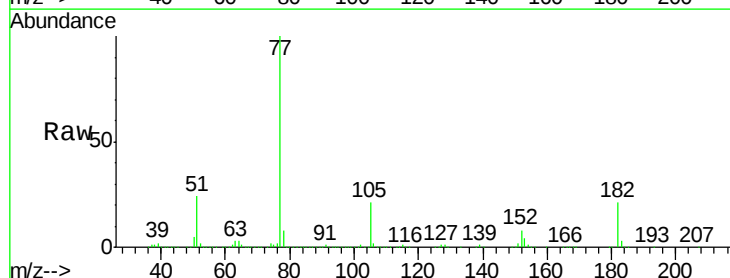
Instrument :
BNA_N
ClientSampleId :

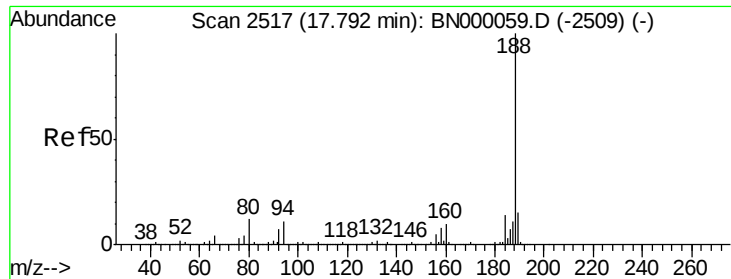
Tot Ion:138 Resp: 376258
Ion Ratio Lower Upper
138 100
92 54.3 40.1 80.1
108 78.1 65.4 105.4



#62
Azobenzene
Concen: 26.868 ng
RT: 16.37 min Scan# 2275
Delta R.T. -0.02 min
Lab File: BN000260.D
Acq: 06 Mar 2018 13:06

Tgt Ion: 77 Resp: 1679581
Ion Ratio Lower Upper
77 100
182 20.9 7.4 47.4
105 21.4 0.3 40.3
51 23.8 11.6 51.6

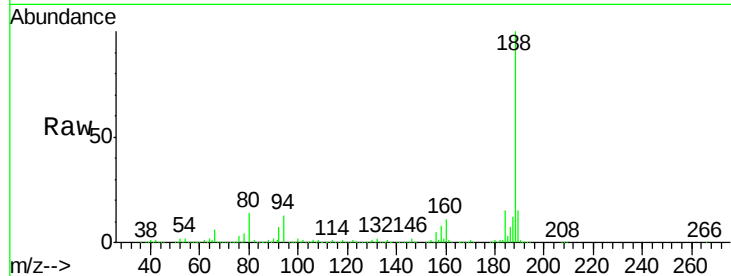




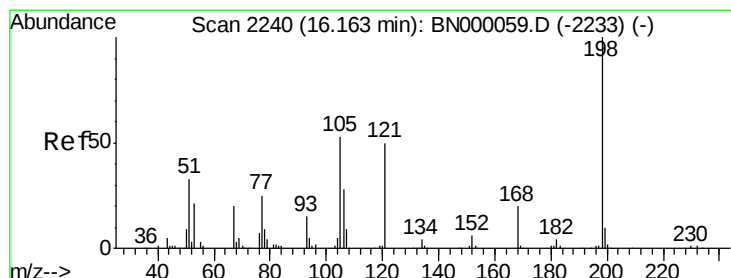
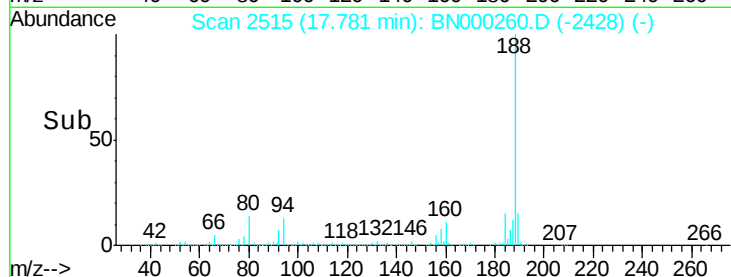
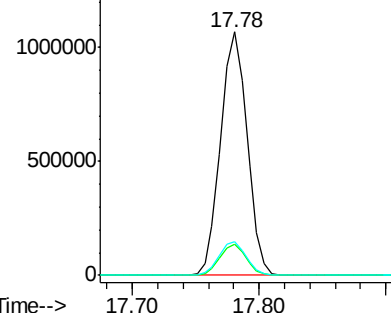
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.78 min Scan# 2515
Delta R.T. -0.02 min
Lab File: BN000260.D
Acq: 06 Mar 2018 13:06

Instrument :
BNA_N
ClientSampled :

Tot Ion:188 Resp: 1546824
Ion Ratio Lower Upper
188 100
94 12.8 6.9 10.3#
80 13.8 7.7 11.5#

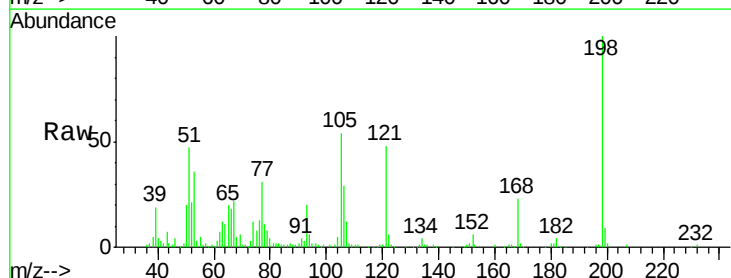


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

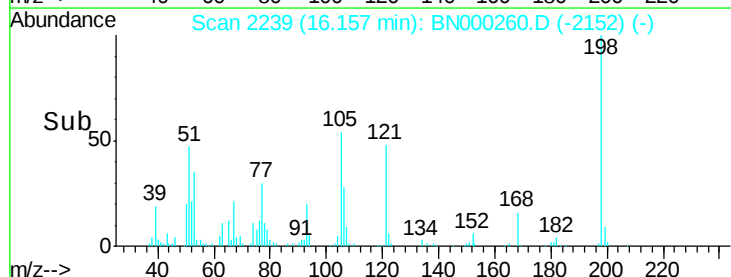
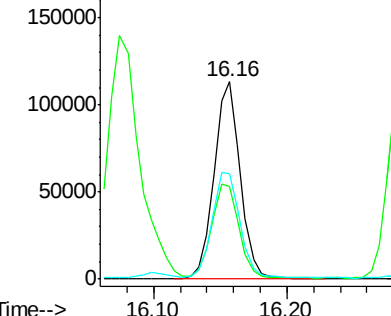


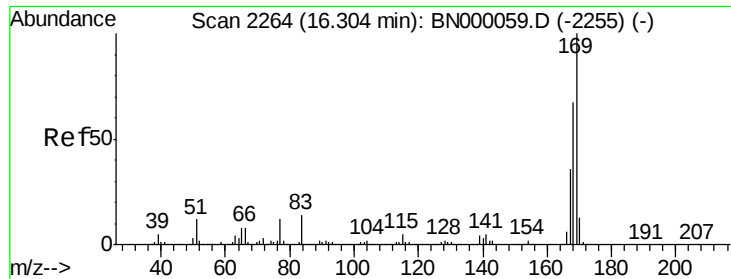
#64
4,6-Dinitro-2-methylphenol
Concen: 26.123 ng
RT: 16.16 min Scan# 2239
Delta R.T. -0.02 min
Lab File: BN000260.D
Acq: 06 Mar 2018 13:06

Tgt Ion:198 Resp: 155815
Ion Ratio Lower Upper
198 100
51 47.2 30.6 70.6
105 53.5 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

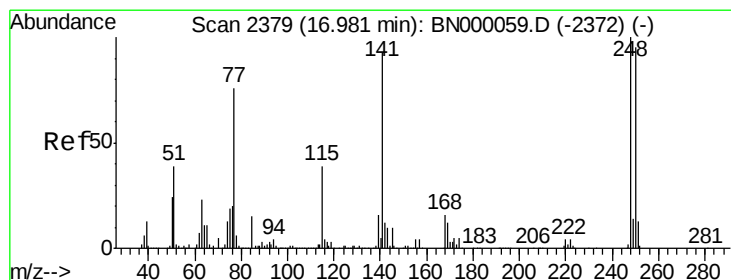
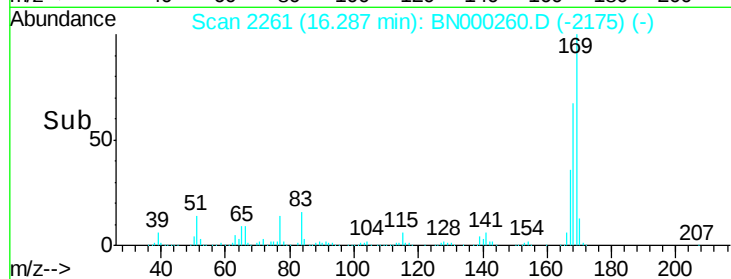
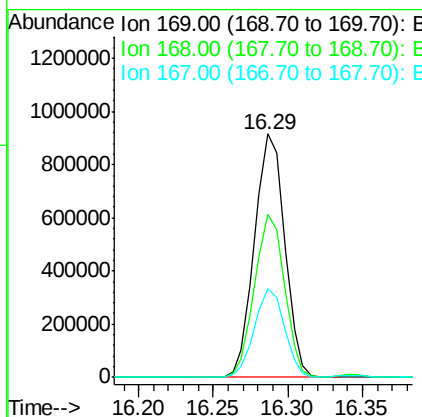
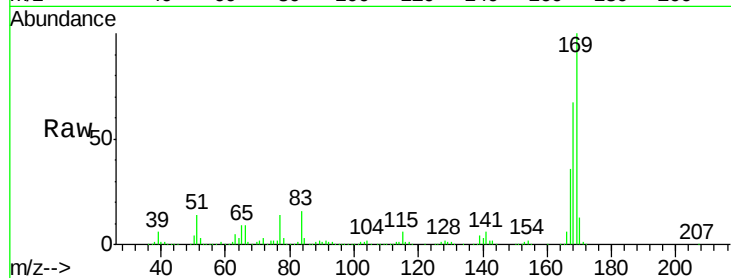




#65
n-Nitrosodiphenylamine
Concen: 25.363 ng
RT: 16.29 min Scan# 2261
Delta R.T. -0.02 min
Lab File: BN000260.D
Acq: 06 Mar 2018 13:06

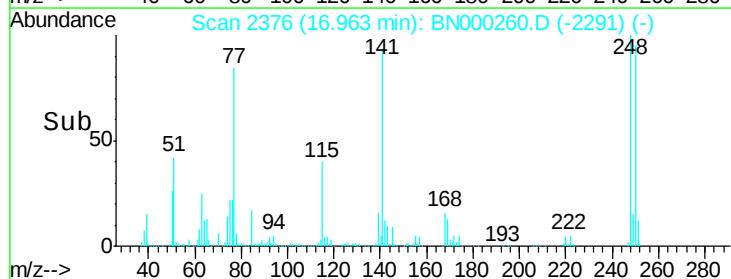
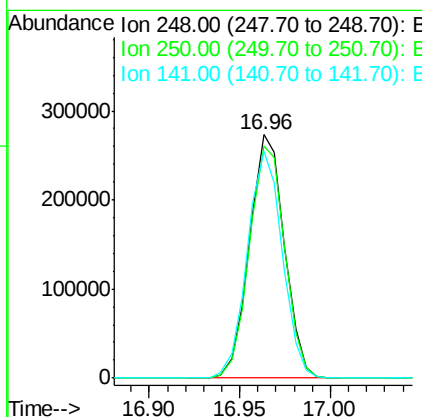
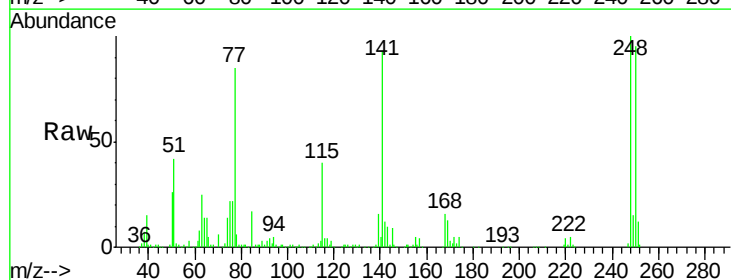
Instrument :
BNA_N
ClientSampleId :

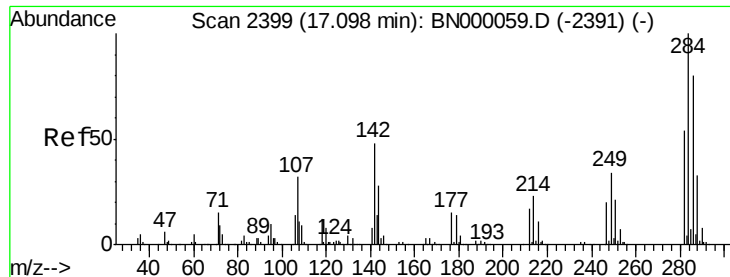
Tot Ion:169 Resp: 1276592
Ion Ratio Lower Upper
169 100
168 67.2 55.7 83.5
167 36.4 30.1 45.1



#66
4-Bromophenyl-phenylether
Concen: 24.814 ng
RT: 16.96 min Scan# 2376
Delta R.T. -0.03 min
Lab File: BN000260.D
Acq: 06 Mar 2018 13:06

Tgt Ion:248 Resp: 365000
Ion Ratio Lower Upper
248 100
250 95.4 77.1 115.7
141 93.3 50.8 76.2#

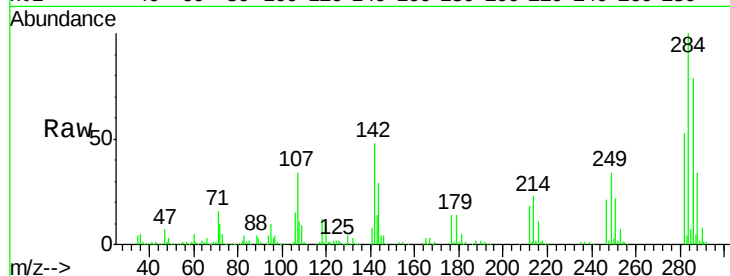




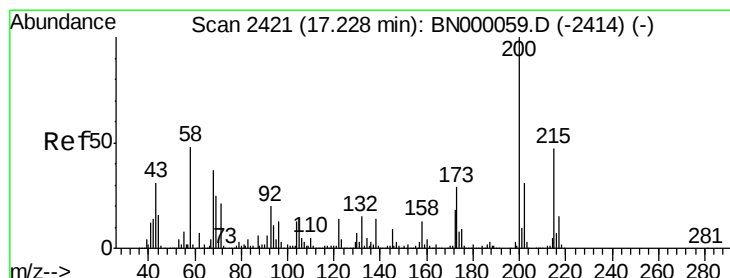
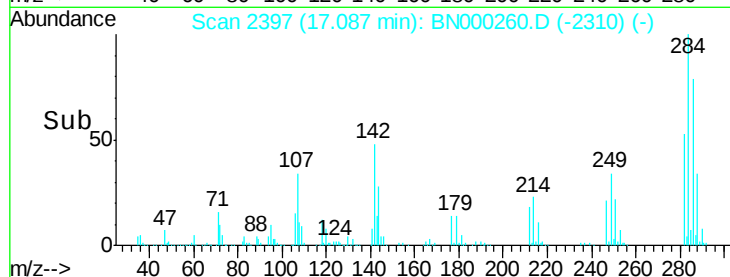
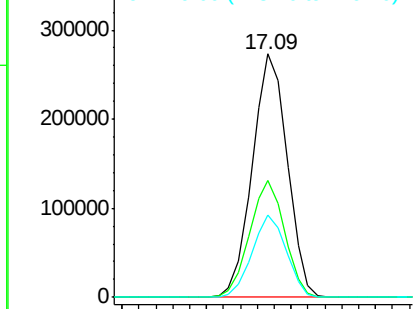
#67
Hexachlorobenzene
Concen: 22.921 ng
RT: 17.09 min Scan# 2397
Delta R.T. -0.02 min
Lab File: BN000260.D
Acq: 06 Mar 2018 13:06

Instrument :
BNA_N
ClientSampleId :

Tot Ion:284 Resp: 393737
Ion Ratio Lower Upper
284 100
142 48.2 26.8 40.2#
249 34.0 26.3 39.5

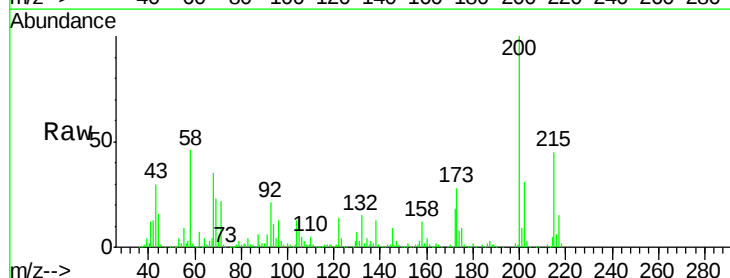


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

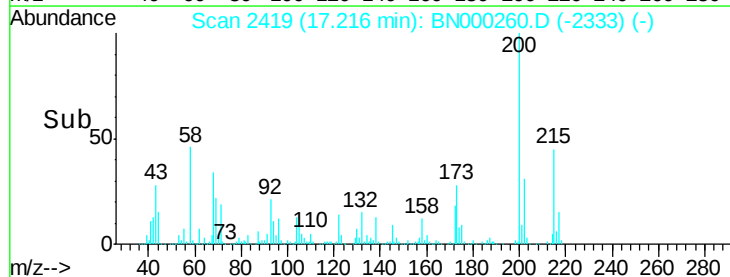
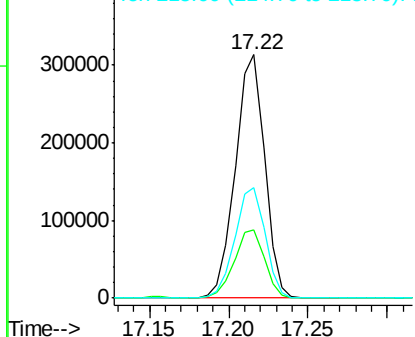


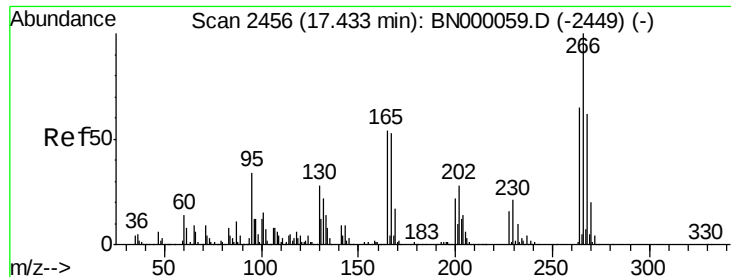
#68
Atrazine
Concen: 24.596 ng
RT: 17.22 min Scan# 2419
Delta R.T. -0.02 min
Lab File: BN000260.D
Acq: 06 Mar 2018 13:06

Tgt Ion:200 Resp: 402904
Ion Ratio Lower Upper
200 100
173 28.2 5.2 45.2
215 45.4 30.4 70.4



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

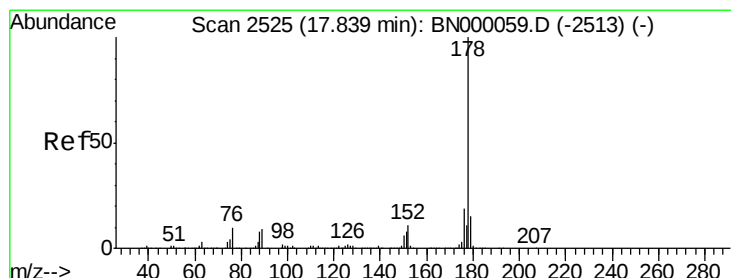
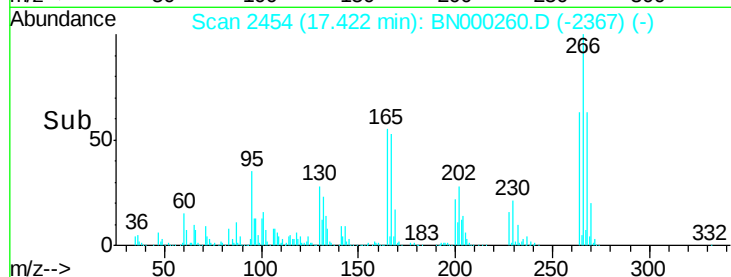
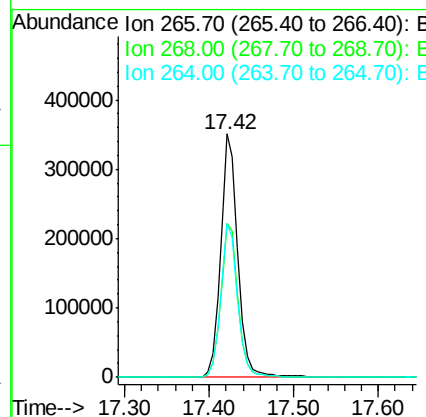
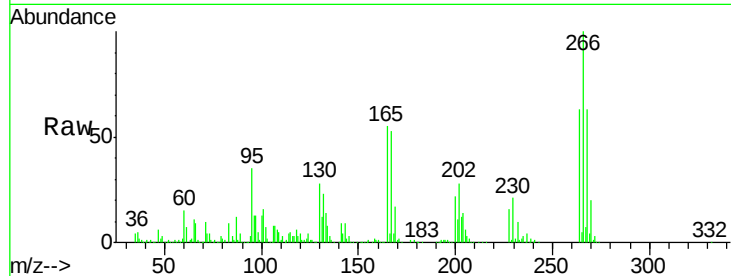




#69
 Pentachlorophenol
 Concen: 45.264 ng
 RT: 17.42 min Scan# 2454
 Delta R.T. -0.02 min
 Lab File: BN000260.D
 Acq: 06 Mar 2018 13:06

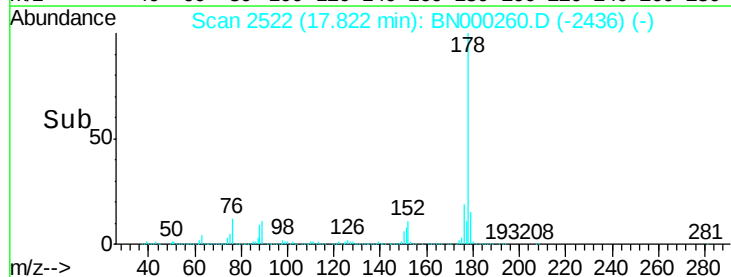
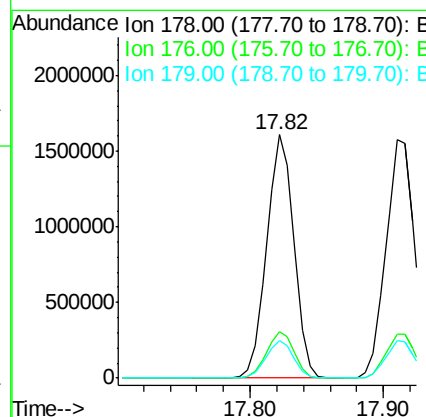
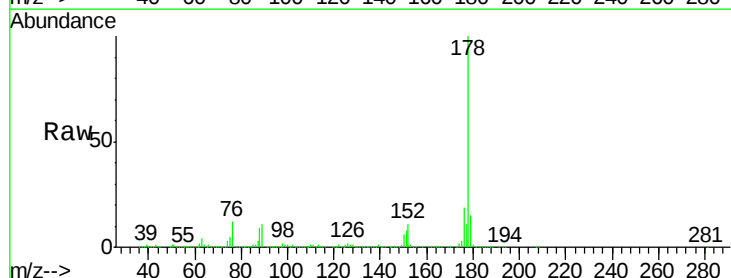
Instrument :
 BNA_N
 ClientSampleId :

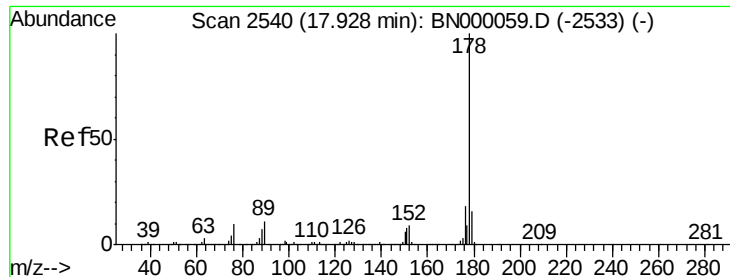
Tot Ion:266 Resp: 503076
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.1 76.7
 264 63.2 49.6 74.4



#70
 Phenanthrene
 Concen: 24.785 ng
 RT: 17.82 min Scan# 2522
 Delta R.T. -0.02 min
 Lab File: BN000260.D
 Acq: 06 Mar 2018 13:06

Tgt Ion:178 Resp: 2264599
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.7 23.5
 179 15.3 12.5 18.7

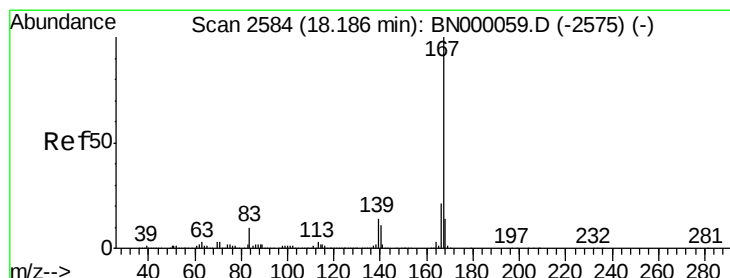
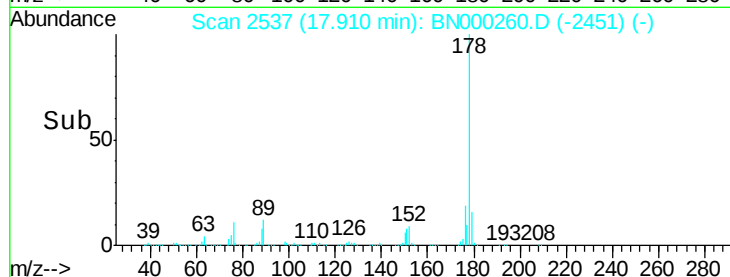
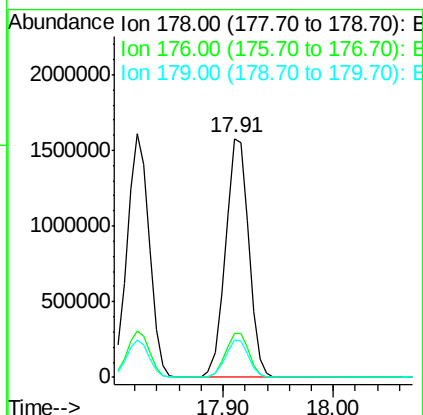
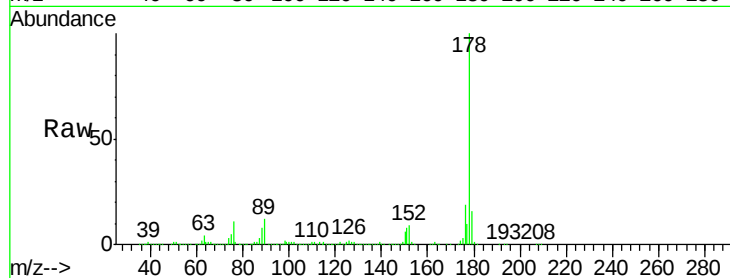




#71
 Anthracene
 Concen: 26.245 ng
 RT: 17.91 min Scan# 2537
 Delta R.T. -0.02 min
 Lab File: BN000260.D
 Acq: 06 Mar 2018 13:06

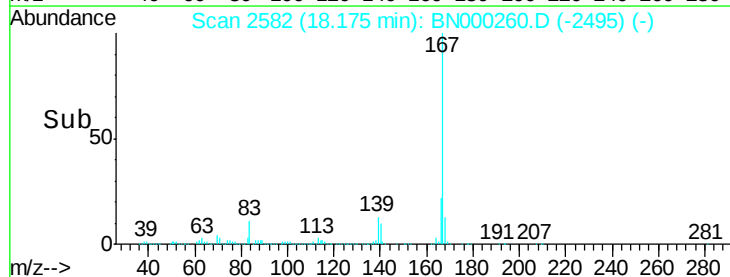
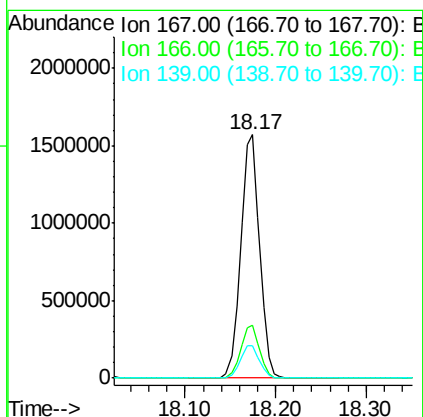
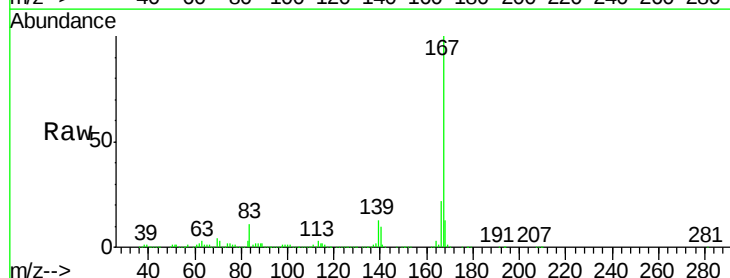
Instrument :
 BNA_N
 ClientSampleId :

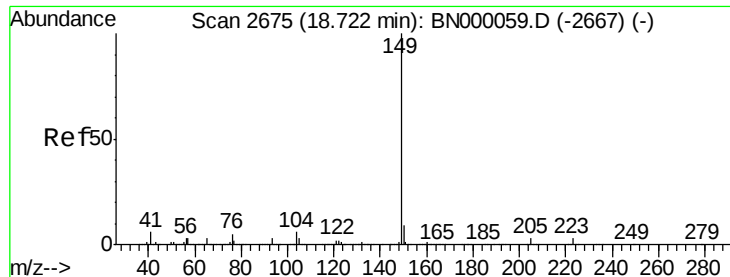
Tot Ion:178 Resp: 2321868
 Ion Ratio Lower Upper
 178 100
 176 18.6 16.0 24.0
 179 15.6 12.5 18.7



#72
 Carbazole
 Concen: 25.452 ng
 RT: 18.17 min Scan# 2582
 Delta R.T. -0.02 min
 Lab File: BN000260.D
 Acq: 06 Mar 2018 13:06

Tgt Ion:167 Resp: 2268473
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.2 27.4
 139 13.5 9.4 14.2





#73

Di-n-butylphthalate

Concen: 50.128 ng

RT: 18.70 min Scan# 2671

Delta R.T. -0.03 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA_N

ClientSampleId :

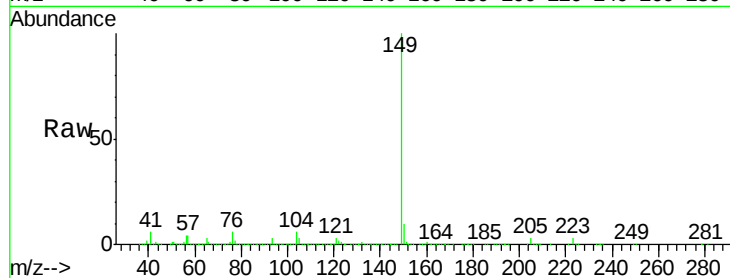
Tot Ion:149 Resp: 4932220

Ion Ratio Lower Upper

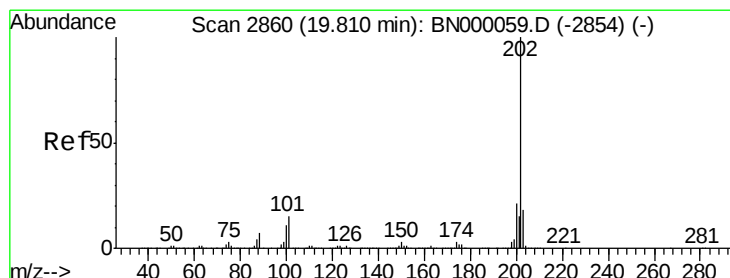
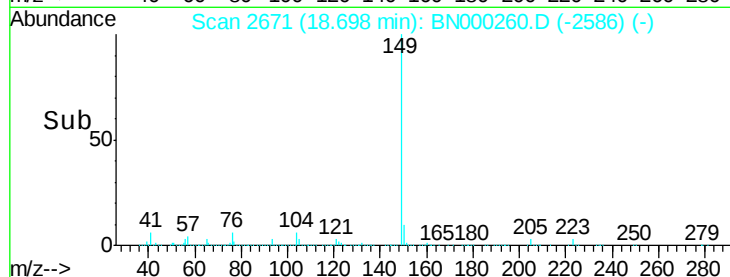
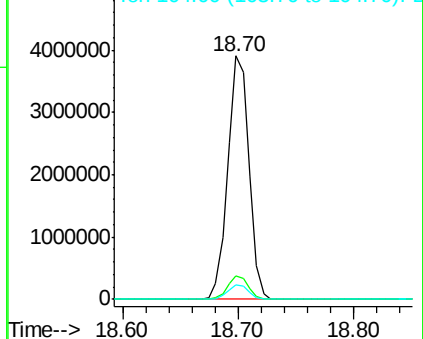
149 100

150 9.7 7.8 11.6

104 5.7 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: 26.496 ng

RT: 19.80 min Scan# 2859

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

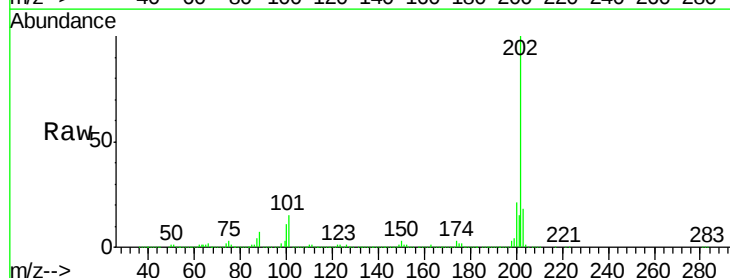
Tgt Ion:202 Resp: 2539824

Ion Ratio Lower Upper

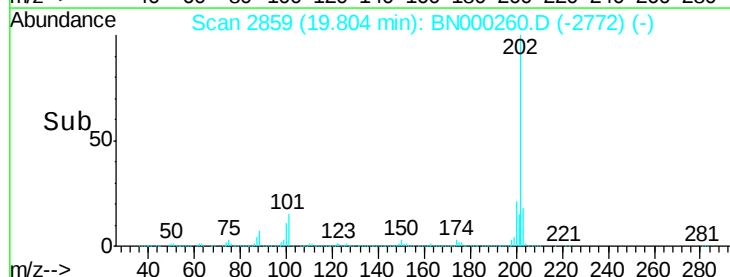
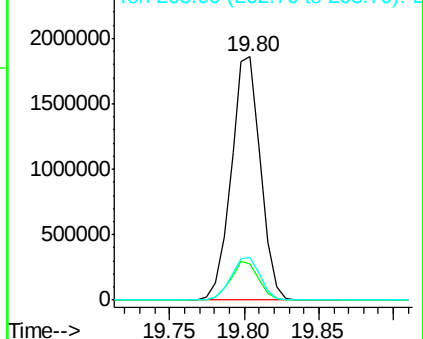
202 100

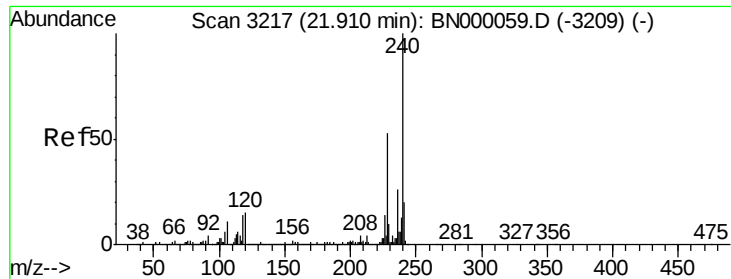
101 15.0 0.0 28.9

203 17.7 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

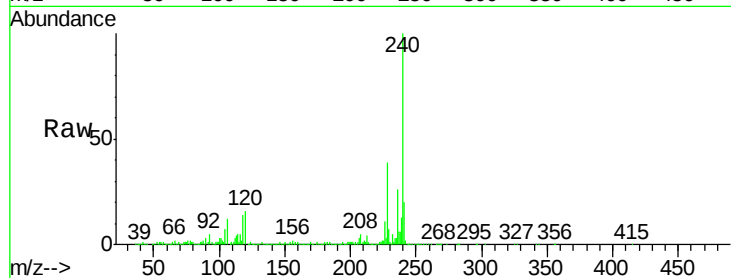




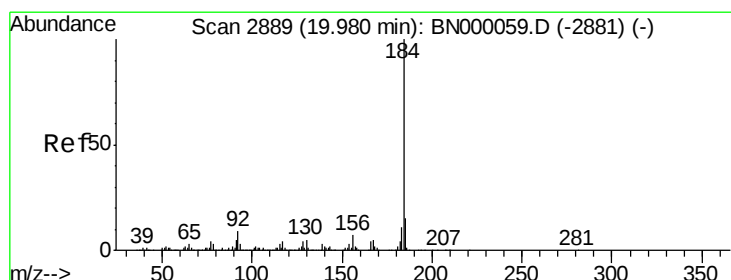
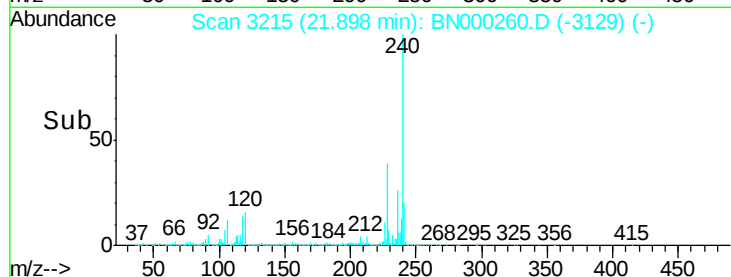
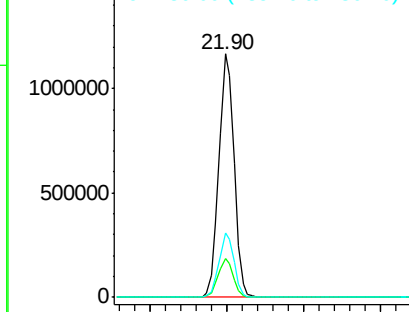
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.90 min Scan# 3215
Delta R.T. -0.02 min
Lab File: BN000260.D
Acq: 06 Mar 2018 13:06

Instrument :
BNA_N
ClientSampleId :

Tot Ion:240 Resp: 1586130
Ion Ratio Lower Upper
240 100
120 16.1 6.8 10.2#
236 26.4 20.9 31.3

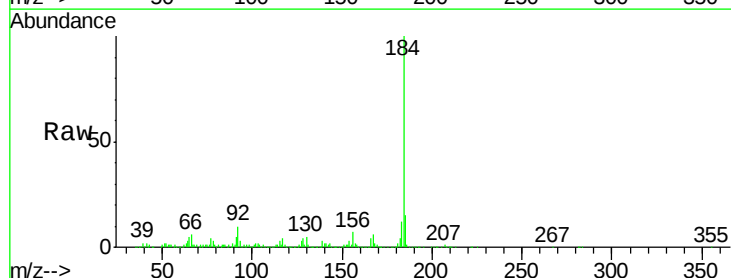


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

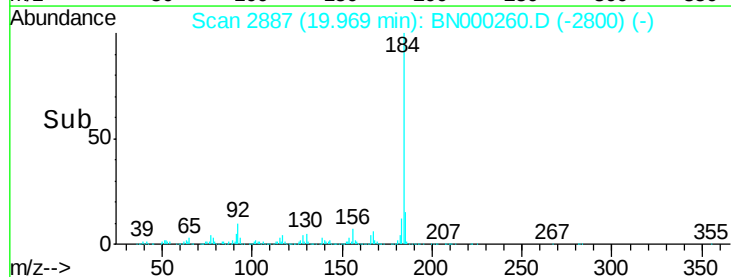
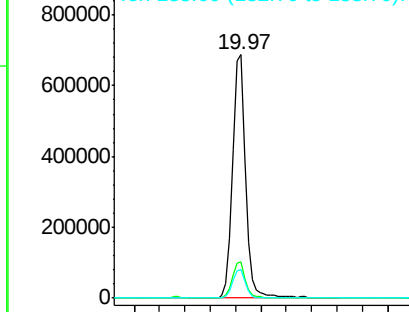


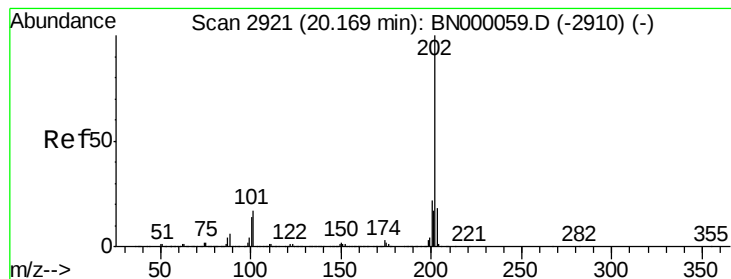
#76
Benzidine
Concen: 18.992 ng
RT: 19.97 min Scan# 2887
Delta R.T. -0.02 min
Lab File: BN000260.D
Acq: 06 Mar 2018 13:06

Tgt Ion:184 Resp: 960276
Ion Ratio Lower Upper
184 100
185 14.8 11.1 16.7
183 11.7 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: 25.973 ng

RT: 20.16 min Scan# 2919

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

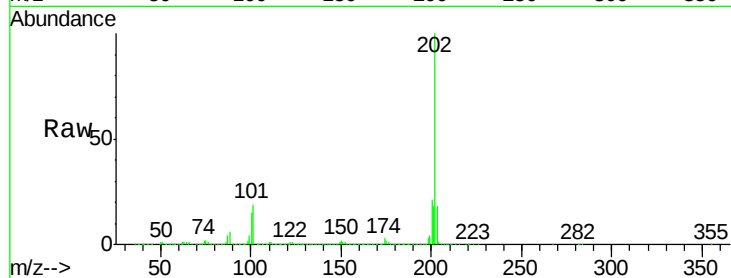
Instrument :

BNA_N

ClientSampled :

Tot Ion:202 Resp: 2618260

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	17.8	13.9	20.9

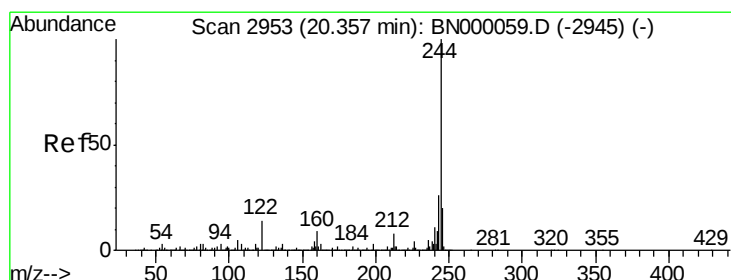
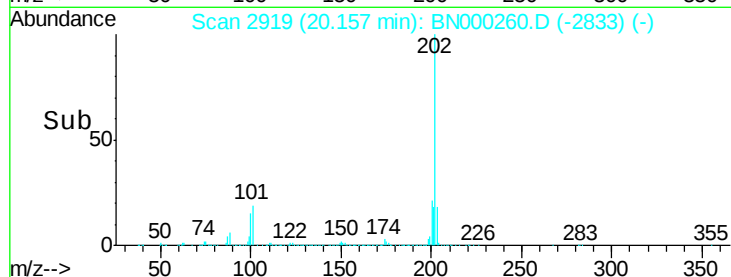
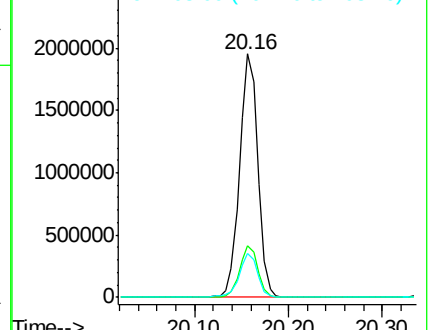


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 64.016 ng

RT: 20.34 min Scan# 2950

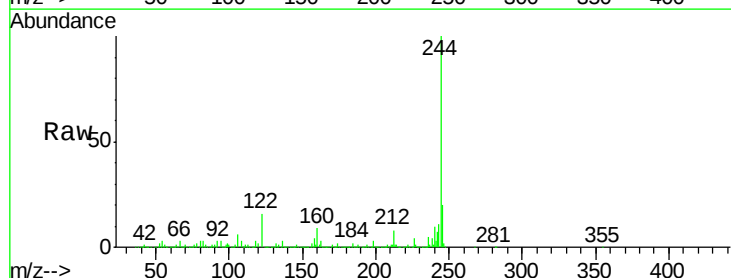
Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Tgt Ion:244 Resp: 3760461

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	15.7	7.0	10.4

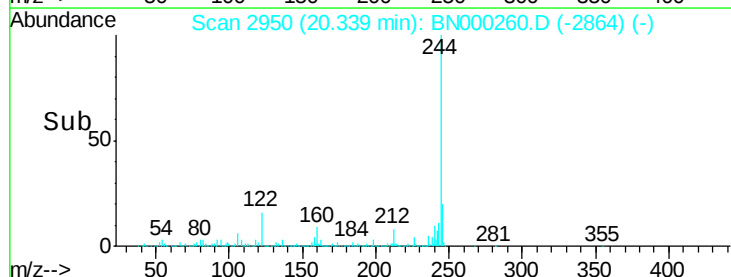
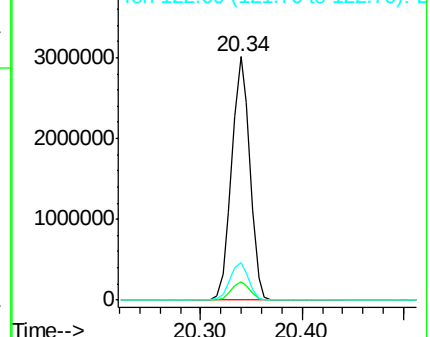


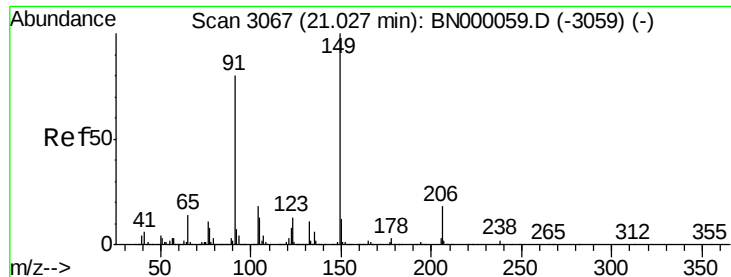
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 29.341 ng

RT: 21.01 min Scan# 3064

Delta R.T. -0.03 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA_N

ClientSampleId :

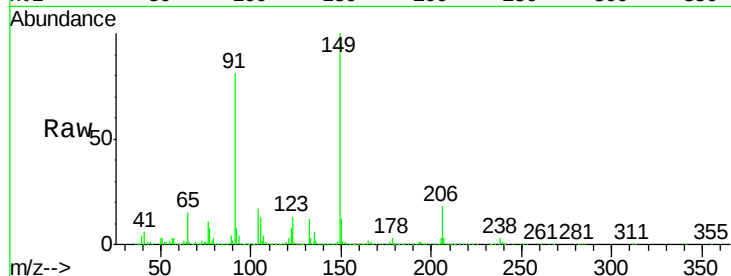
Tot Ion:149 Resp: 1290601

Ion Ratio Lower Upper

149 100

91 81.0 62.2 93.2

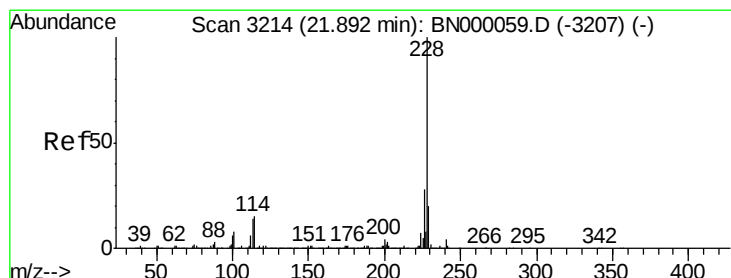
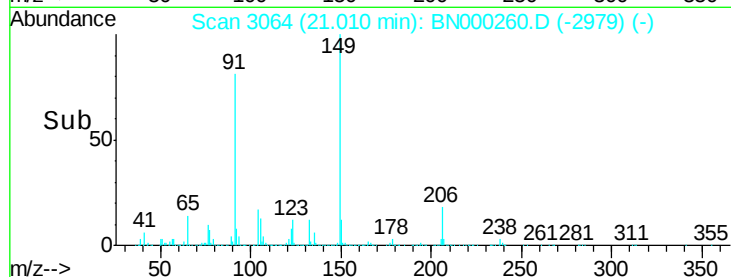
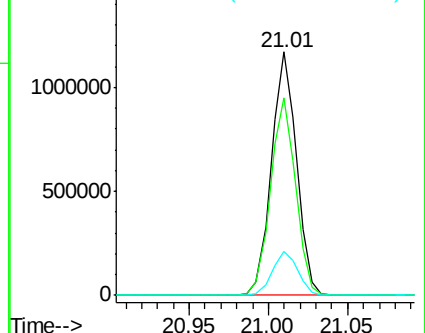
206 18.1 18.6 27.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 26.025 ng

RT: 21.88 min Scan# 3212

Delta R.T. -0.03 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

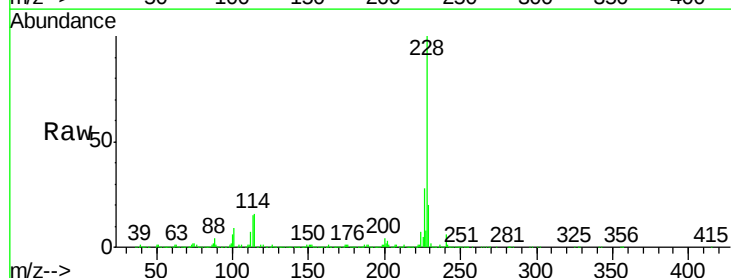
Tgt Ion:228 Resp: 2537243

Ion Ratio Lower Upper

228 100

226 27.9 22.7 34.1

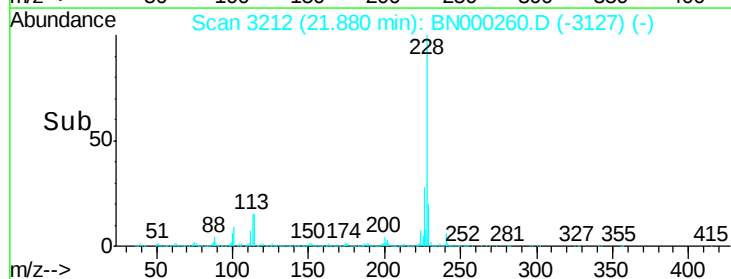
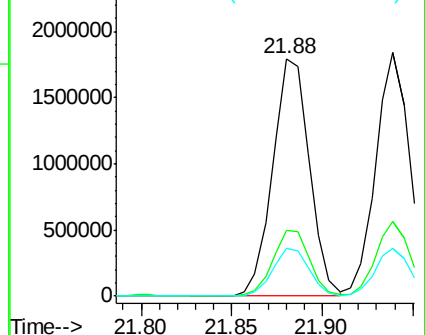
229 19.9 16.2 24.2

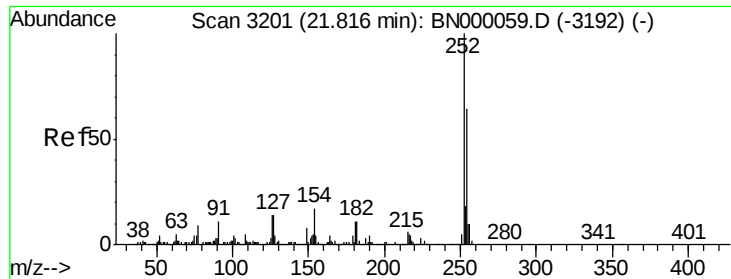


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

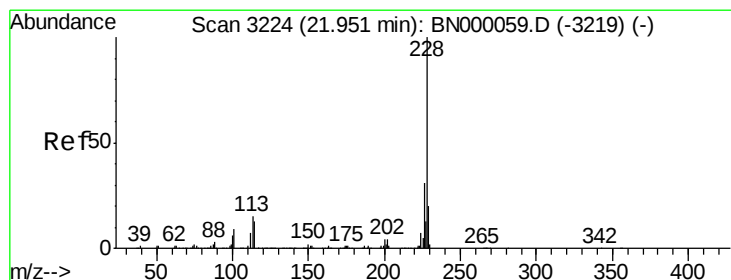
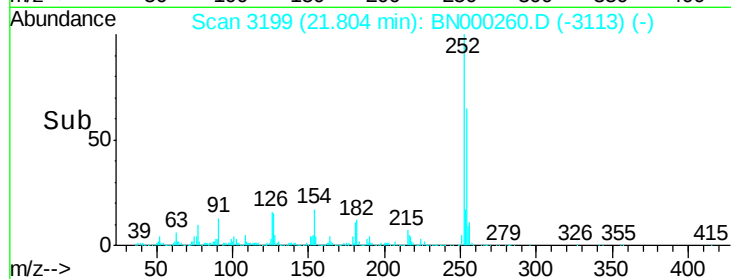
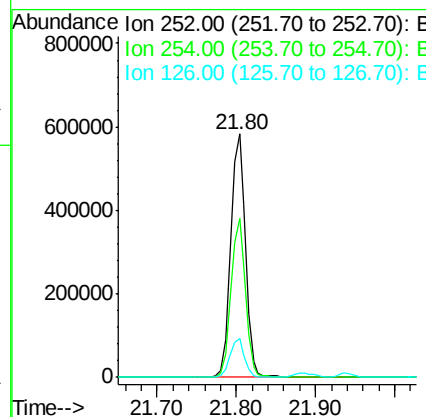
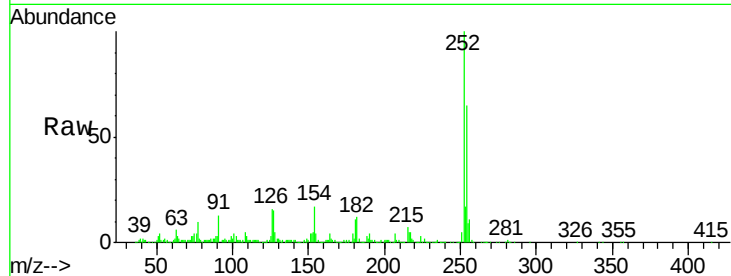




#81
 3,3'-Dichlorobenzidine
 Concen: 21.003 ng
 RT: 21.80 min Scan# 3199
 Delta R.T. -0.02 min
 Lab File: BN000260.D
 Acq: 06 Mar 2018 13:06

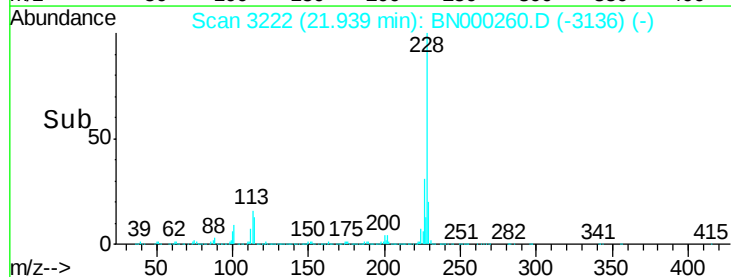
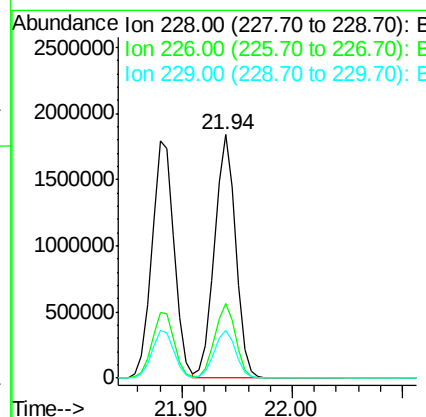
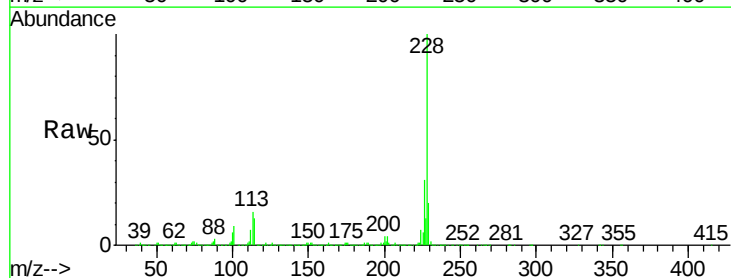
Instrument :
 BNA_N
 ClientSampleId :

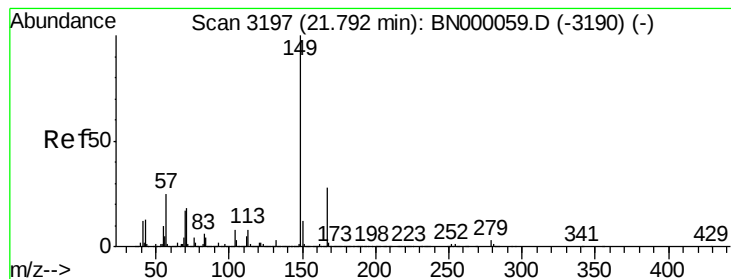
Tot Ion:252 Resp: 752078
 Ion Ratio Lower Upper
 252 100
 254 65.2 50.8 76.2
 126 15.8 7.4 11.2#



#82
 Chrysene
 Concen: 24.686 ng
 RT: 21.94 min Scan# 3222
 Delta R.T. -0.02 min
 Lab File: BN000260.D
 Acq: 06 Mar 2018 13:06

Tgt Ion:228 Resp: 2398320
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.9 37.3
 229 19.8 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 29.025 ng

RT: 21.77 min Scan# 3193

Delta R.T. -0.04 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

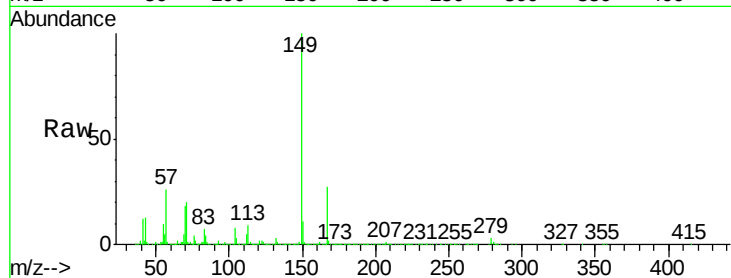
Instrument :

BNA_N

ClientSampleId :

Tot Ion:149 Resp: 1973158

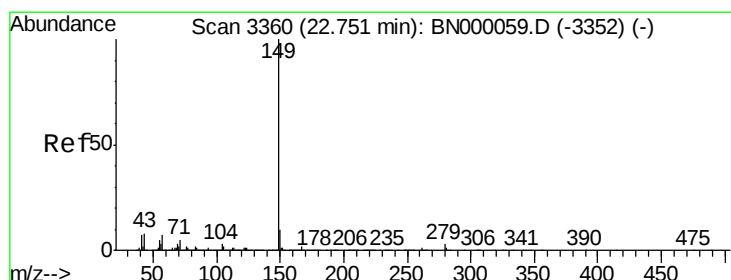
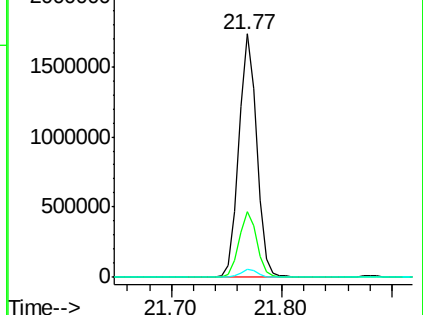
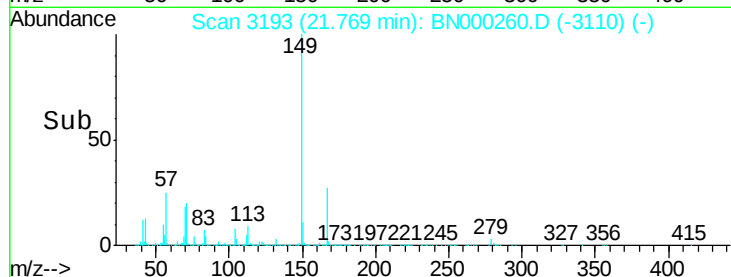
Ion	Ratio	Lower	Upper
149	100		
167	27.0	24.3	36.5
279	3.5	4.0	6.0



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: 29.966 ng

RT: 22.72 min Scan# 3355

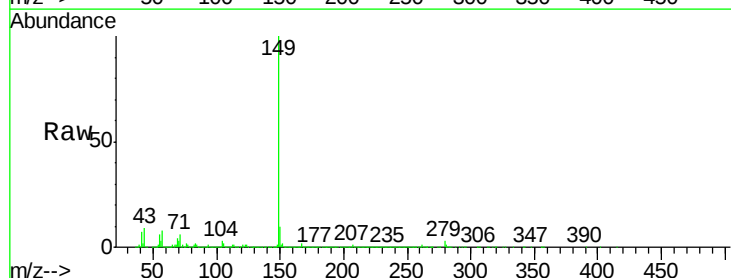
Delta R.T. -0.05 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Tgt Ion:149 Resp: 3364740

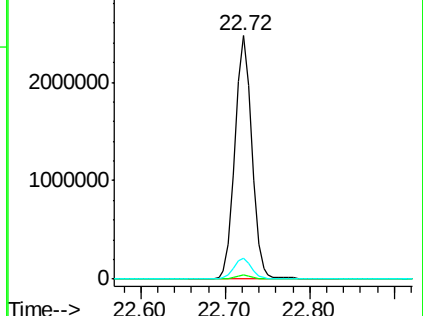
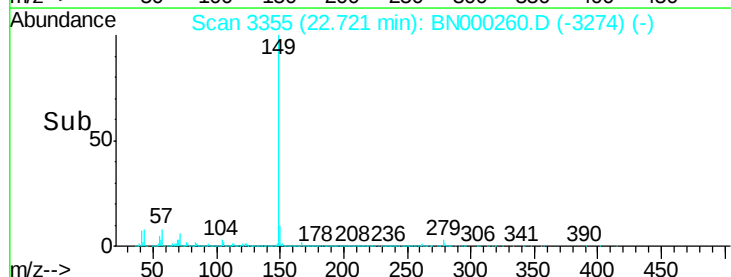
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	8.6	8.9	13.3

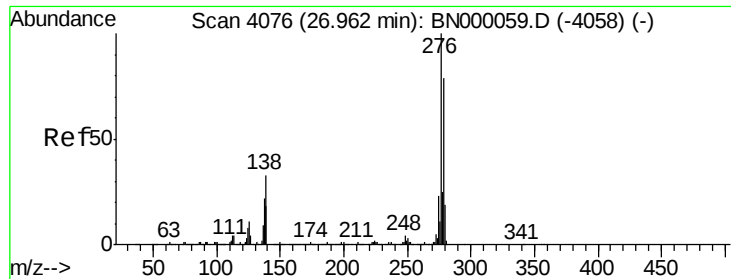


Abundance Ion 149.00 (148.70 to 149.70): E

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: 22.468 ng

RT: 26.94 min Scan# 4072

Delta R.T. -0.06 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA_N

ClientSampleId :

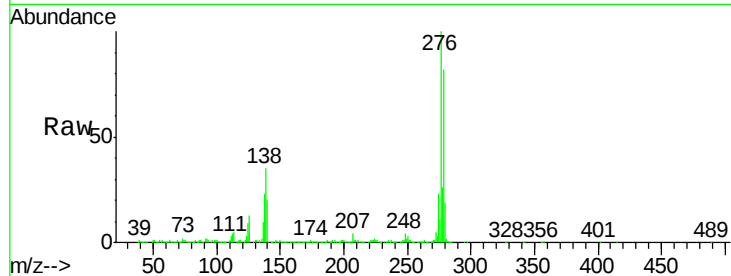
Tot Ion:276 Resp: 2681390

Ion Ratio Lower Upper

276 100

138 34.4 16.0 24.0#

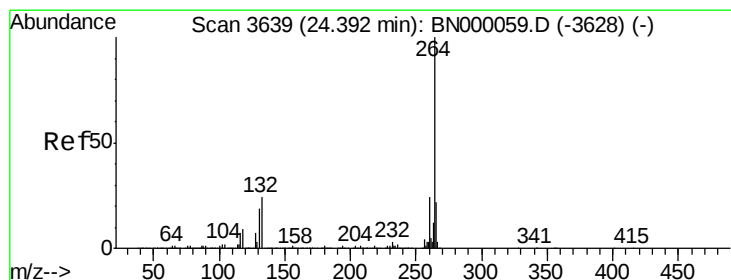
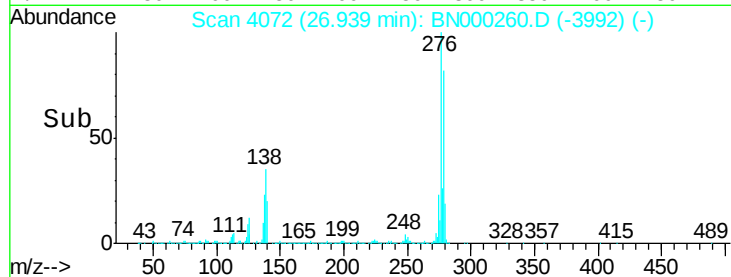
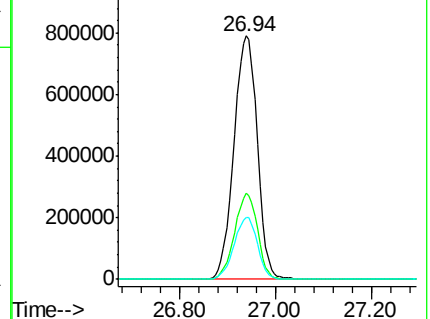
277 25.5 20.0 30.0



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: 24.38 min Scan# 3637

Delta R.T. -0.04 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

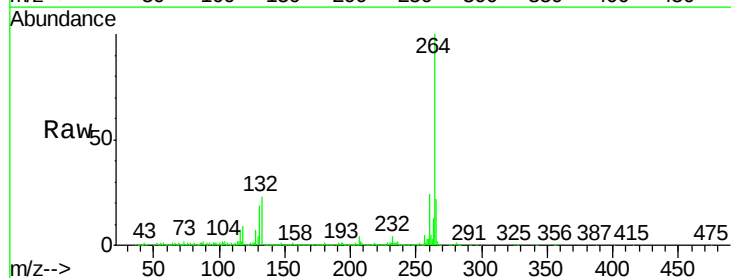
Tgt Ion:264 Resp: 1705310

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

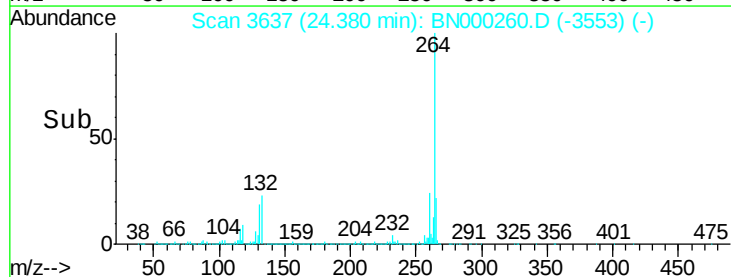
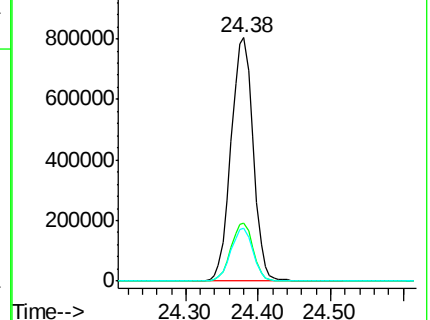
265 22.0 17.7 26.5

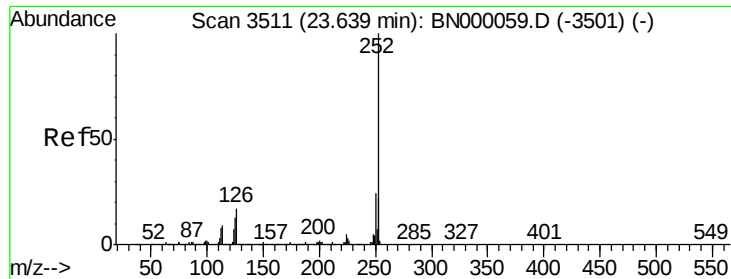


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

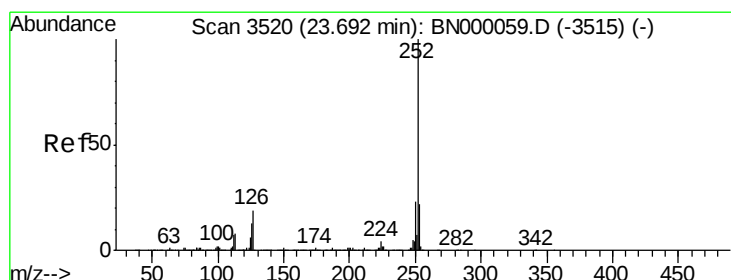
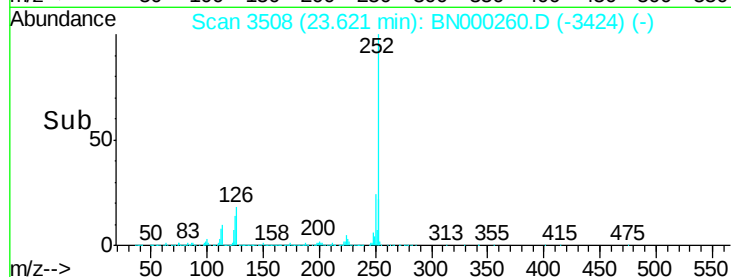
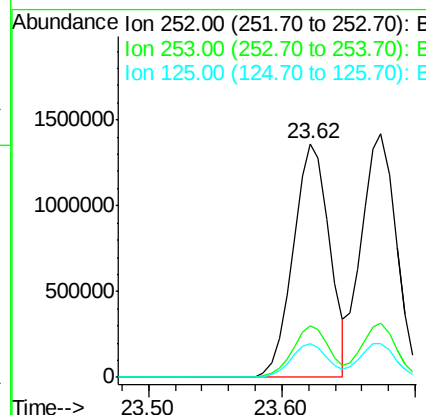
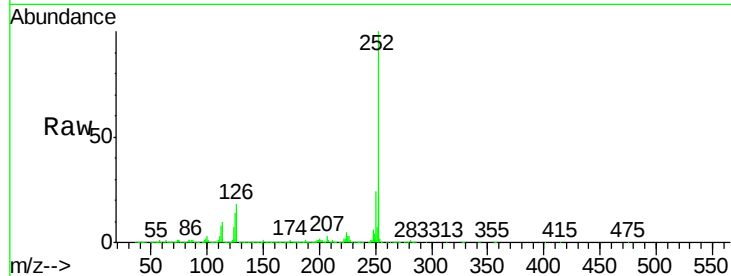




#87
Benzo(b)fluoranthene
Concen: 25.711 ng
RT: 23.62 min Scan# 3508
Delta R.T. -0.04 min
Lab File: BN000260.D
Acq: 06 Mar 2018 13:06

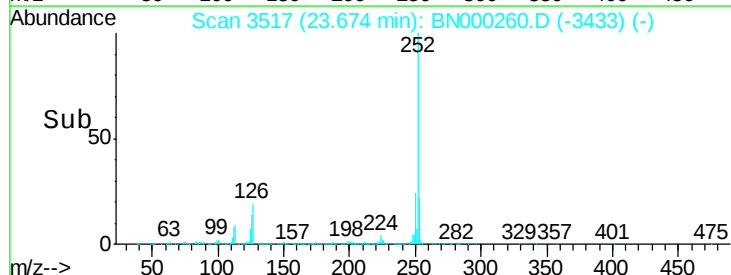
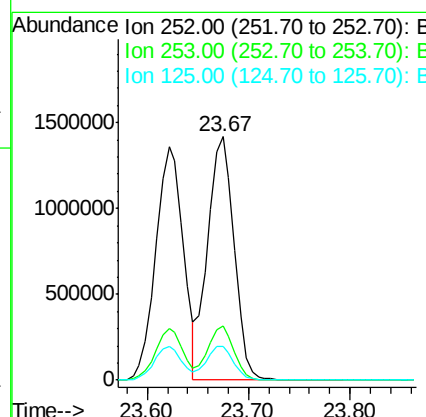
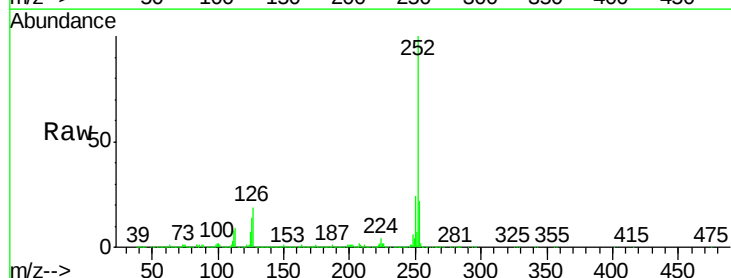
Instrument :
BNA_N
ClientSampleId :

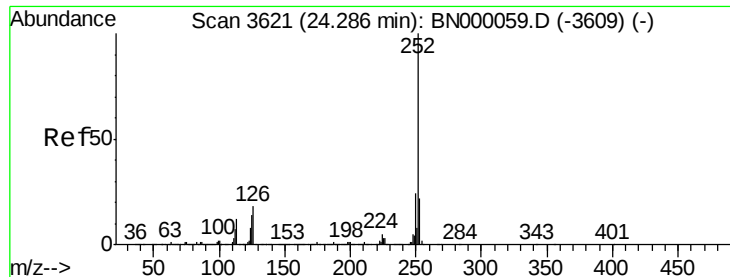
Tot Ion:252 Resp: 2566366
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 14.3 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 25.526 ng
RT: 23.67 min Scan# 3517
Delta R.T. -0.04 min
Lab File: BN000260.D
Acq: 06 Mar 2018 13:06

Tgt Ion:252 Resp: 2566150
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 14.0 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 26.093 ng

RT: 24.27 min Scan# 3618

Delta R.T. -0.04 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA_N

ClientSampleId :

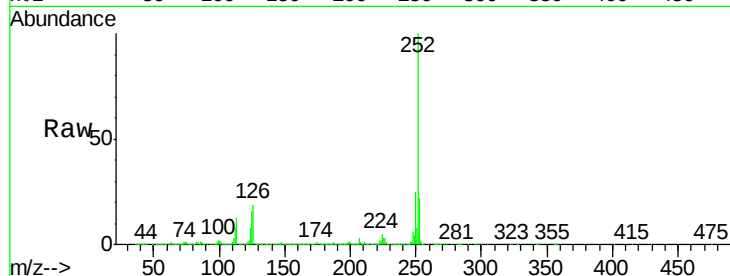
Tot Ion:252 Resp: 2497680

Ion Ratio Lower Upper

252 100

253 22.1 18.3 27.5

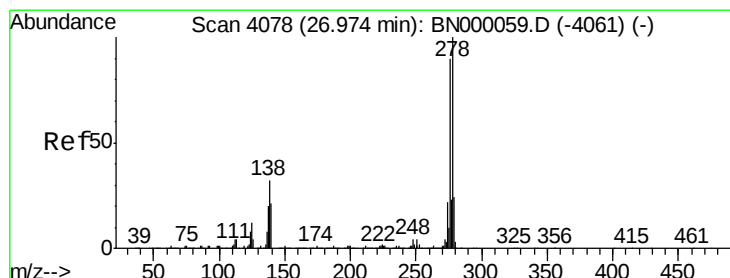
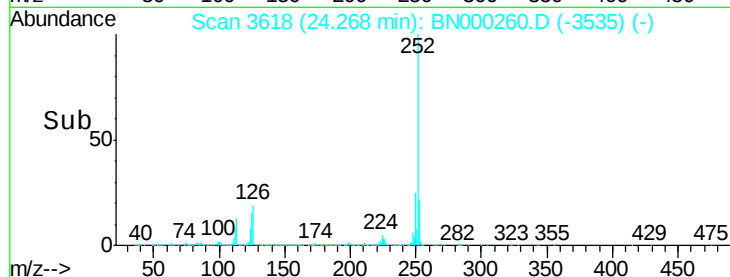
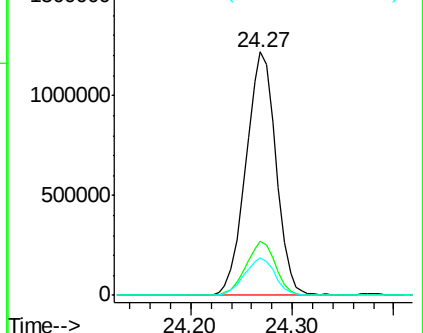
125 15.5 7.3 10.9#



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: 22.517 ng

RT: 26.95 min Scan# 4074

Delta R.T. -0.06 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

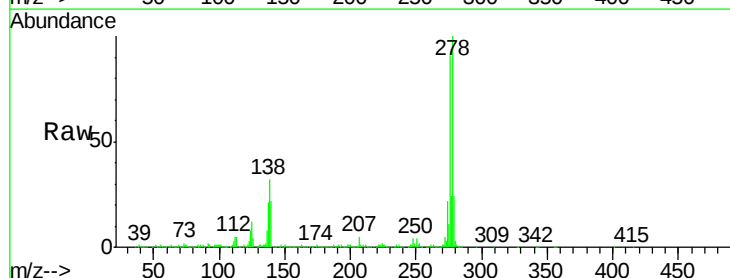
Tgt Ion:278 Resp: 2253972

Ion Ratio Lower Upper

278 100

139 21.9 9.8 14.6#

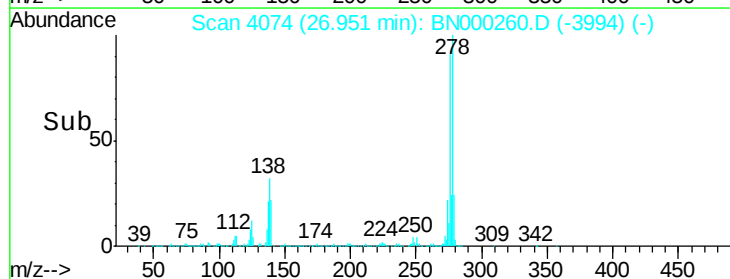
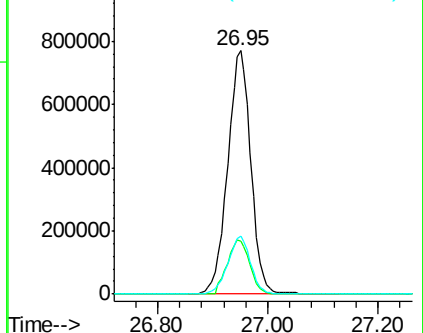
279 23.6 18.4 27.6

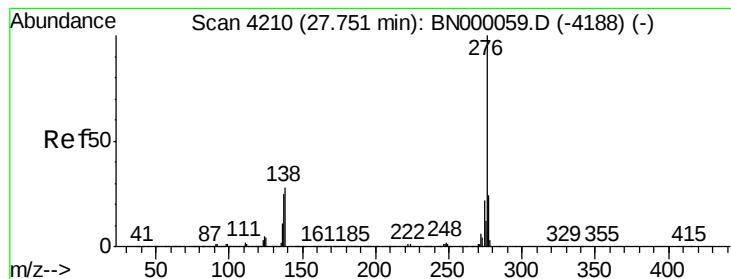


Abundance Ion 278.00 (277.70 to 278.70): E

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: 21.497 ng

RT: 27.73 min Scan# 4206

Delta R.T. -0.06 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA_N

ClientSampleId :

Tot Ion:276 Resp: 2175951

Ion Ratio Lower Upper

276 100

277 23.6 18.3 27.5

138 29.6 13.9 20.9#

