

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021518\
 Data File : BN000086.D
 Acq On : 15 Feb 2018 08:57
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 16 03:46:15 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 18:24:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	279784	20.00	ng	0.00
21) Naphthalene-d8	11.30	136	1411608	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	857662	20.00	ng	-0.01
63) Phenanthrene-d10	17.79	188	1964262	20.00	ng	0.00
75) Chrysene-d12	21.91	240	2624682	20.00	ng	-0.01
86) Perylene-d12	24.39	264	3173112	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.93	112	1340544	78.09	ng	-0.01
7) Phenol-d6	7.58	99	2133799	82.06	ng	-0.01
23) Nitrobenzene-d5	9.64	82	1893984	79.77	ng	-0.01
41) 2,4,6-Tribromophenol	16.54	330	670297	78.96	ng	-0.01
44) 2-Fluorobiphenyl	13.70	172	4641751	76.28	ng	-0.01
78) Terphenyl-d14	20.35	244	7032877	72.35	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.66	88	257081	37.22	ng	95
3) Pyridine	4.10	79	871818	40.54	ng	97
4) n-Nitrosodimethylamine	4.00	42	236756	38.93	ng	# 93
6) Aniline	7.76	93	1430581	39.93	ng	90
8) 2-Chlorophenol	8.01	128	797116	39.71	ng	85
9) Benzaldehyde	7.58	77	557068	34.43	ng	86
10) Phenol	7.61	94	1112309	40.52	ng	86
11) bis(2-Chloroethyl)ether	7.86	93	851032	37.70	ng	# 82
12) 1,3-Dichlorobenzene	8.35	146	867176	38.02	ng	99
13) 1,4-Dichlorobenzene	8.50	146	888638	38.15	ng	98
14) 1,2-Dichlorobenzene	8.82	146	878620	38.32	ng	97
15) Benzyl Alcohol	8.69	79	722118	38.64	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.99	45	883281	36.96	ng	78
17) 2-Methylphenol	8.89	107	776967	39.83	ng	95
18) Hexachloroethane	9.57	117	303971	37.48	ng	# 83
19) n-Nitroso-di-n-propylamine	9.27	70	649010	37.25	ng	# 83
20) 3+4-Methylphenols	9.22	107	1092847	40.06	ng	93
22) Acetophenone	9.29	105	1532951	38.75	ng	# 87
24) Nitrobenzene	9.68	77	1024116	39.46	ng	# 92
25) Isophorone	10.20	82	1837281	37.44	ng	96
26) 2-Nitrophenol	10.40	139	348586	35.05	ng	90
27) 2,4-Dimethylphenol	10.44	122	801392	37.66	ng	94
28) bis(2-Chloroethoxy)methane	10.68	93	1178382	37.44	ng	97
29) 2,4-Dichlorophenol	10.93	162	738979	37.53	ng	98
30) 1,2,4-Trichlorobenzene	11.16	180	858086	37.84	ng	97
31) Naphthalene	11.35	128	2967944	38.35	ng	98
32) Benzoic acid	10.53	122	452181	32.88	ng	# 85
33) 4-Chloroaniline	11.45	127	1343387	39.52	ng	94
34) Hexachlorobutadiene	11.63	225	429902	36.56	ng	97
35) Caprolactam	12.19	113	315530	37.61	ng	88
36) 4-Chloro-3-methylphenol	12.53	107	961061	38.44	ng	98
37) 2-Methylnaphthalene	12.93	142	2062812	38.31	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.29	216	946356	37.38	ng	# 97
40) Hexachlorocyclopentadiene	13.26	237	367009	34.78	ng	90

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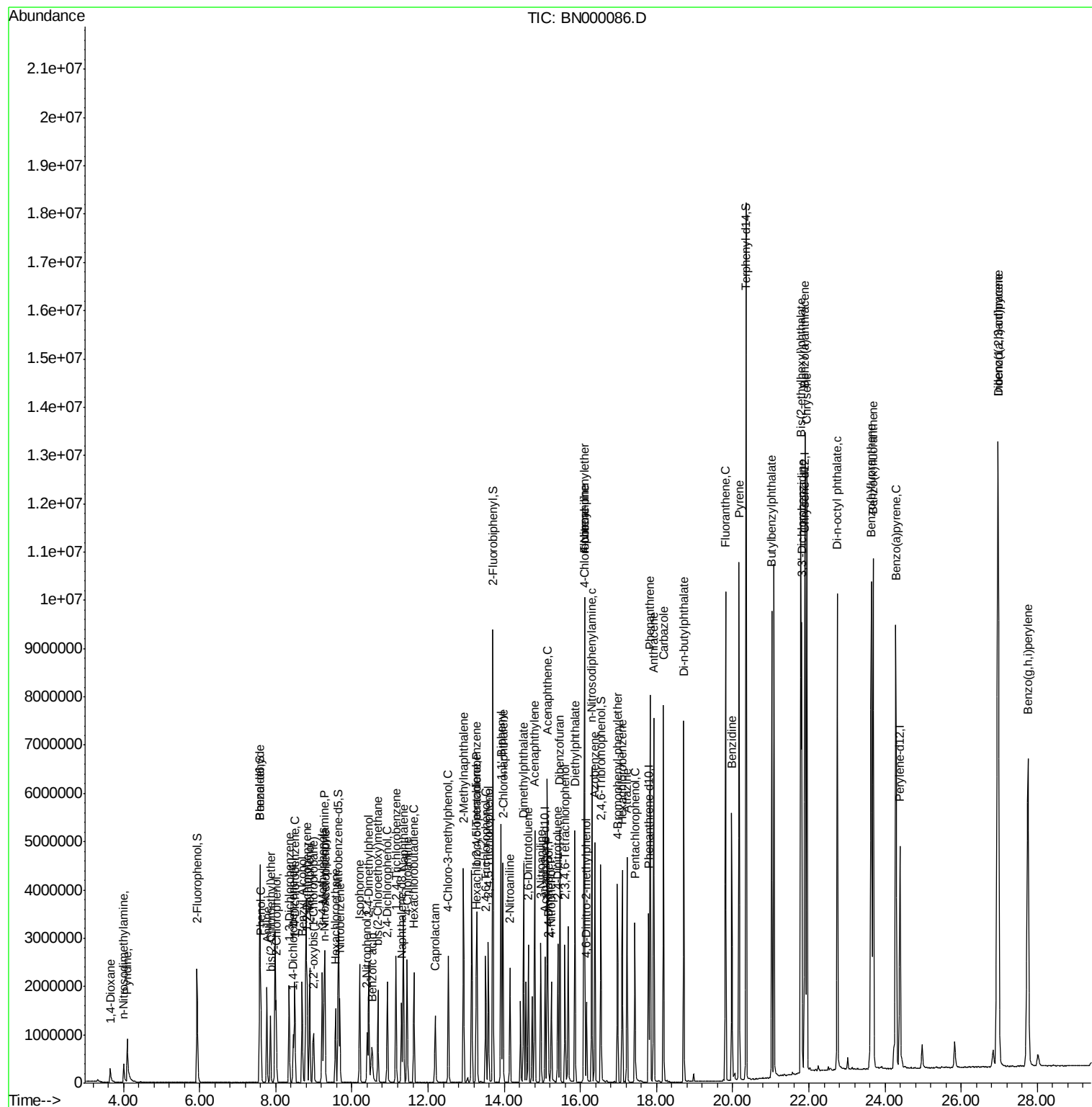
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	562859	37.10	nq	99
43) 2,4,5-Trichlorophenol	13.58	196	677671	37.15	nq	# 92
45) 1,1'-Biphenyl	13.92	154	2816604	37.29	nq	98
46) 2-Chloronaphthalene	13.96	162	2151012	37.95	nq	98
47) 2-Nitroaniline	14.15	65	587166	36.61	nq	# 80
48) Acenaphthylene	14.80	152	3572339	39.12	nq	98
49) Dimethylphthalate	14.51	163	2779527	38.77	nq	99
50) 2,6-Dinitrotoluene	14.63	165	571069	38.58	nq	93
51) Acenaphthene	15.13	154	2277461	38.32	nq	99
52) 3-Nitroaniline	14.96	138	728227	40.48	nq	# 90
53) 2,4-Dinitrophenol	15.16	184	166842	37.34	nq	# 13
54) Dibenzofuran	15.46	168	3238954	38.48	nq	95
55) 4-Nitrophenol	15.23	139	547902	39.83	nq	# 83
56) 2,4-Dinitrotoluene	15.41	165	786693	38.08	nq	92
57) Fluorene	16.10	166	2717354	39.53	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.60	232	531982	36.96	nq	92
59) Diethylphthalate	15.86	149	2895985	39.75	nq	96
60) 4-Chlorophenyl-phenylether	16.09	204	1192975	38.09	nq	92
61) 4-Nitroaniline	16.11	138	814321	44.05	nq	89
62) Azobenzene	16.38	77	2883462	39.76	nq	90
64) 4,6-Dinitro-2-methylphenol	16.16	198	307170	35.74	nq	88
65) n-Nitrosodiphenylamine	16.30	169	2404084	37.61	nq	96
66) 4-Bromophenyl-phenylether	16.98	248	675911	36.19	nq	# 88
67) Hexachlorobenzene	17.10	284	805479	36.92	nq	# 89
68) Atrazine	17.23	200	763147	36.69	nq	97
69) Pentachlorophenol	17.43	266	496527	36.48	nq	98
70) Phenanthrene	17.83	178	4506764	38.84	nq	100
71) Anthracene	17.92	178	4495730	40.02	nq	99
72) Carbazole	18.18	167	4722643	41.73	nq	96
73) Di-n-butylphthalate	18.72	149	5078458	40.65	nq	99
74) Fluoranthene	19.81	202	5313704	43.65	nq	94
76) Benzidine	19.97	184	2781607	33.25	nq	96
77) Pyrene	20.17	202	5880116	35.25	nq	98
79) Butylbenzylphthalate	21.02	149	2646917	35.08	nq	# 96
80) Benzo(a)anthracene	21.89	228	6313677	39.14	nq	100
81) 3,3'-Dichlorobenzidine	21.81	252	2332387	39.36	nq	# 95
82) Chrysene	21.95	228	6208911	38.62	nq	98
83) Bis(2-ethylhexyl)phthalate	21.79	149	4388189	38.01	nq	# 94
84) Di-n-octyl phthalate	22.74	149	7257629	38.07	nq	# 93
85) Indeno(1,2,3-cd)pyrene	26.96	276	9469787	47.95	nq	# 86
87) Benzo(b)fluoranthene	23.64	252	7134360	38.41	nq	# 96
88) Benzo(k)fluoranthene	23.69	252	7039896	37.63	nq	# 95
89) Benzo(a)pyrene	24.29	252	7061220	39.64	nq	# 94
90) Dibenzo(a,h)anthracene	26.97	278	7918004	42.51	nq	# 90
91) Benzo(g,h,i)perylene	27.76	276	7991764	42.43	nq	# 88

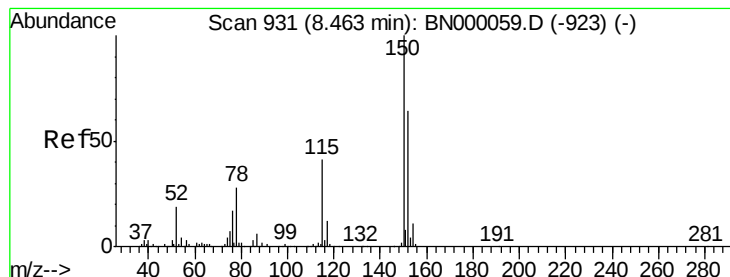
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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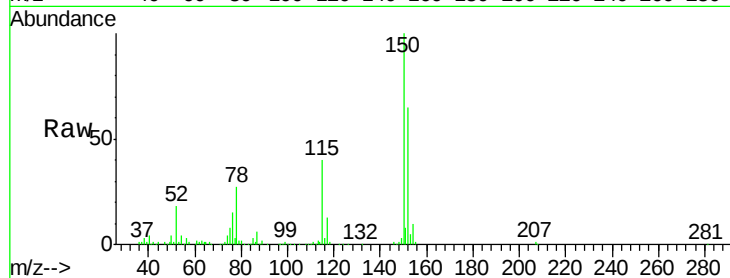


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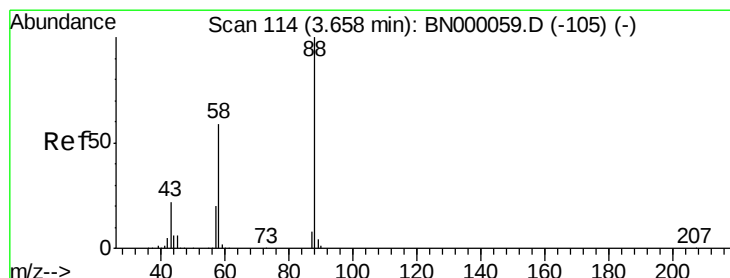
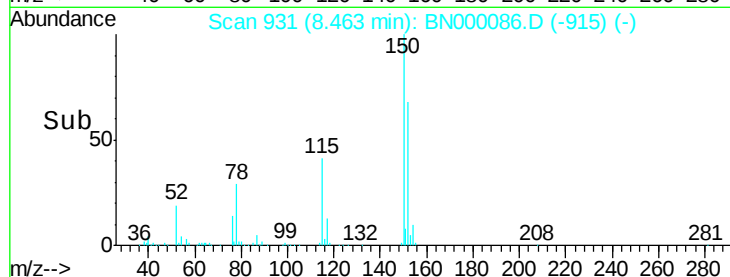
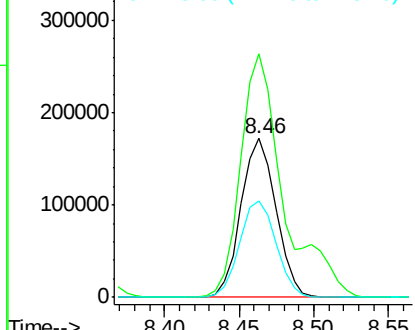
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.46 min Scan# 931
Delta R.T. -0.01 min
Lab File: BN000086.D
Acq: 15 Feb 2018 08:57

Instrument :
BNA_N
ClientSampleId :

Tot Ion	152	Resp	279784
Ion	Ratio	Lower	Upper
152	100		
150	153.4	126.6	189.8
115	60.6	53.0	79.4



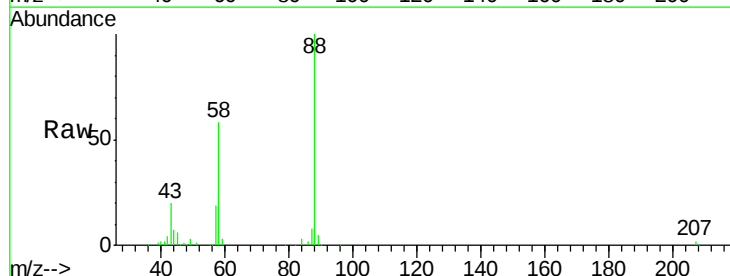
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



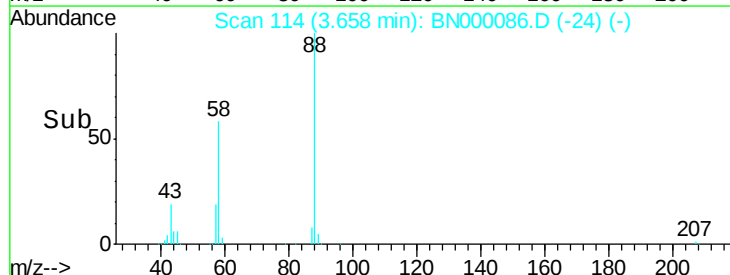
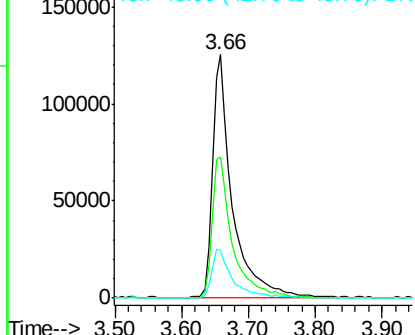
#2

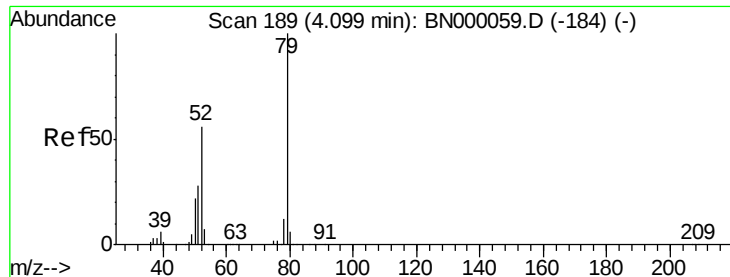
1,4-Dioxane
Concen: 37.22 ng
RT: 3.66 min Scan# 114
Delta R.T. 0.00 min
Lab File: BN000086.D
Acq: 15 Feb 2018 08:57

Tgt Ion	88	Resp	257081
Ion	Ratio	Lower	Upper
88	100		
58	60.8	52.0	78.0
43	22.0	20.0	30.0



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





#3

Pvridine

Concen: 40.54 ng

RT: 4.10 min Scan# 189

Delta R.T. -0.01 min

Lab File: BN000086.D

Acq: 15 Feb 2018 08:57

Instrument :

BNA_N

ClientSampleId :

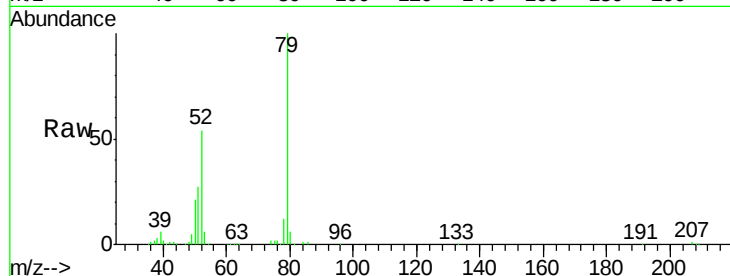
Tot Ion: 79 Resp: 871818

Ion Ratio Lower Upper

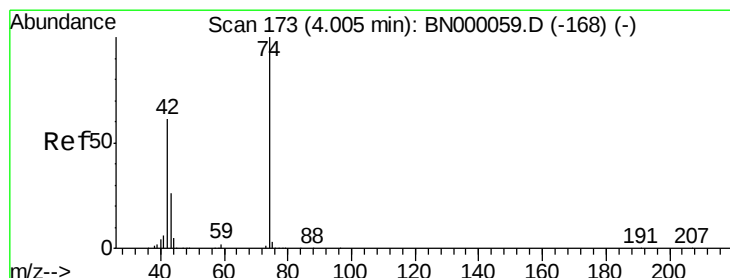
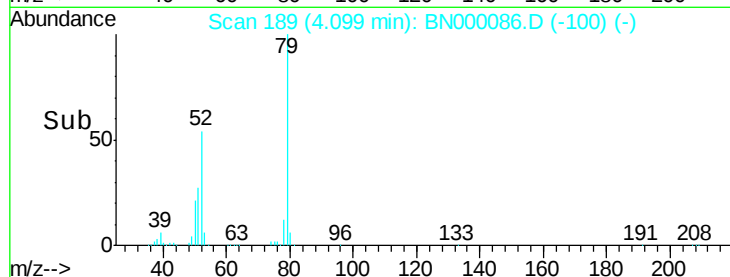
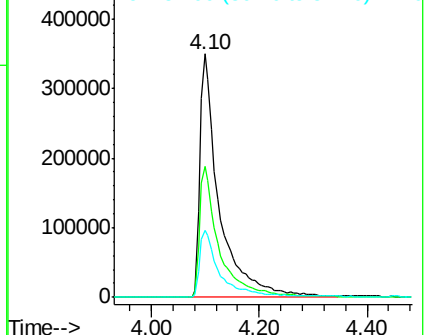
79 100

52 54.0 44.0 66.0

51 27.3 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: 38.93 ng

RT: 4.00 min Scan# 173

Delta R.T. -0.01 min

Lab File: BN000086.D

Acq: 15 Feb 2018 08:57

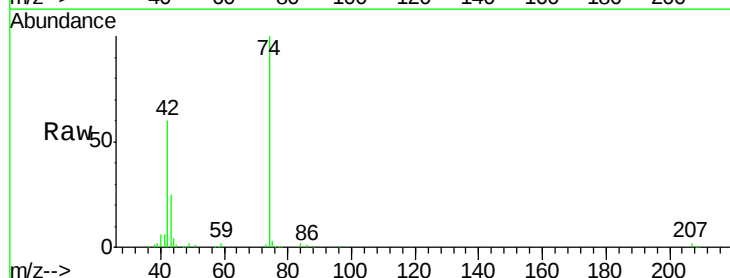
Tgt Ion: 42 Resp: 236756

Ion Ratio Lower Upper

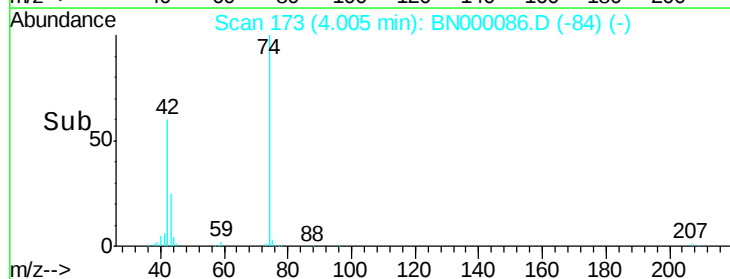
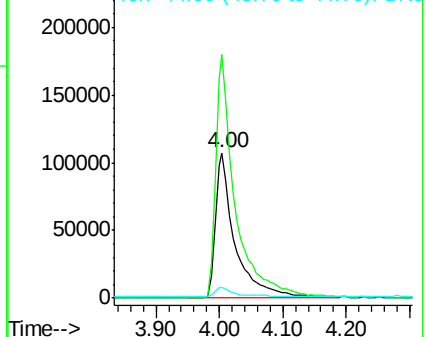
42 100

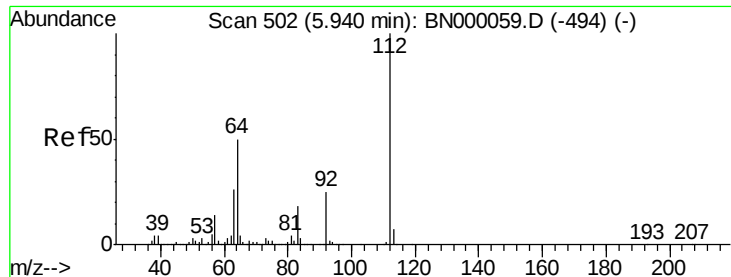
74 167.8 128.0 192.0

44 7.1 12.0 18.0#



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





#5

2-Fluorophenol

Concen: 78.09 ng

RT: 5.93 min Scan# 501

Delta R.T. -0.01 min

Lab File: BN000086.D

Acq: 15 Feb 2018 08:57

Instrument :

BNA_N

ClientSampled :

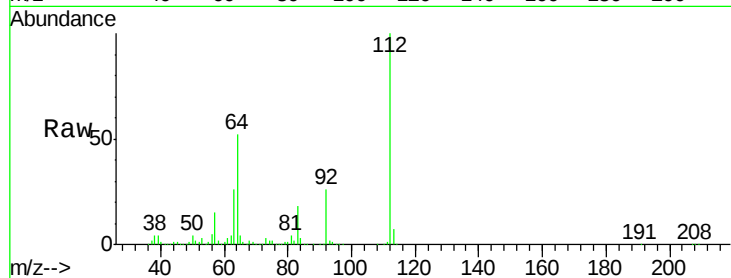
Tot Ion:112 Resp: 1340544

Ion Ratio Lower Upper

112 100

64 51.8 56.3 84.5#

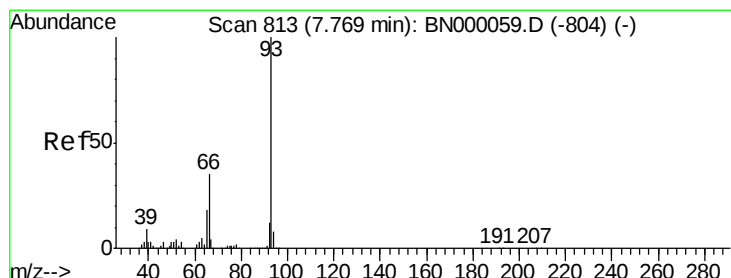
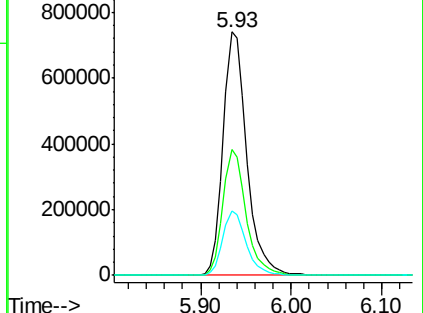
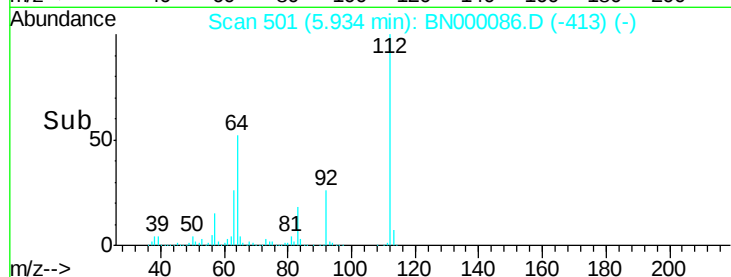
63 26.4 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#6

Aniline

Concen: 39.93 ng

RT: 7.76 min Scan# 812

Delta R.T. -0.01 min

Lab File: BN000086.D

Acq: 15 Feb 2018 08:57

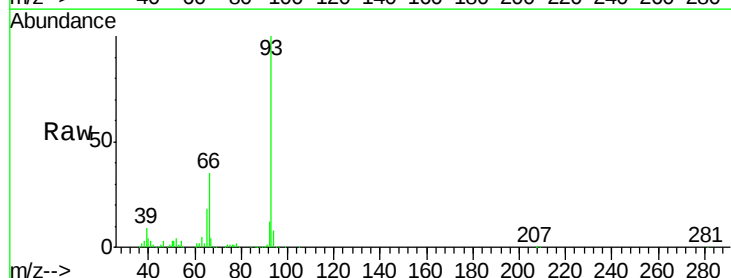
Tgt Ion: 93 Resp: 1430581

Ion Ratio Lower Upper

93 100

66 34.6 33.7 50.5

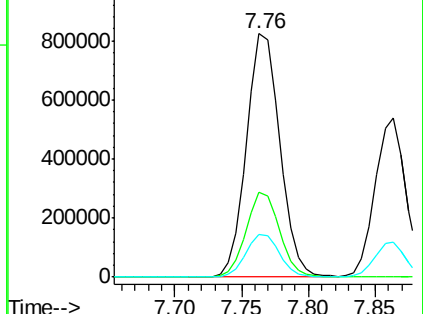
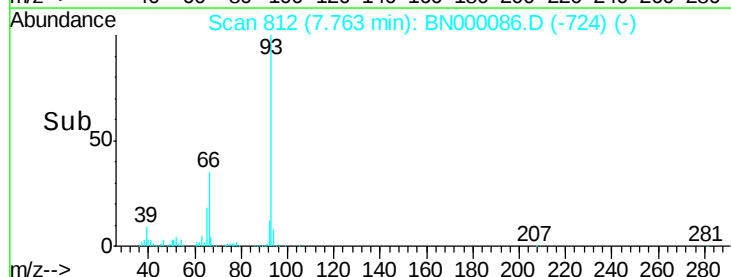
65 17.7 16.1 24.1

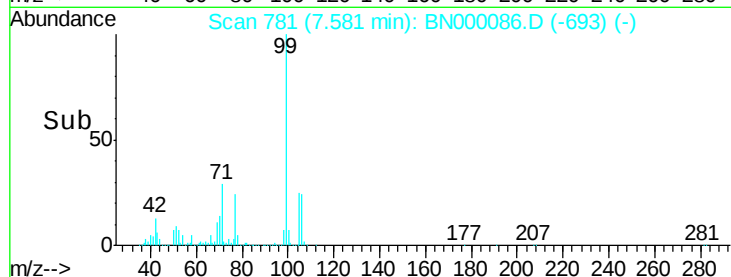
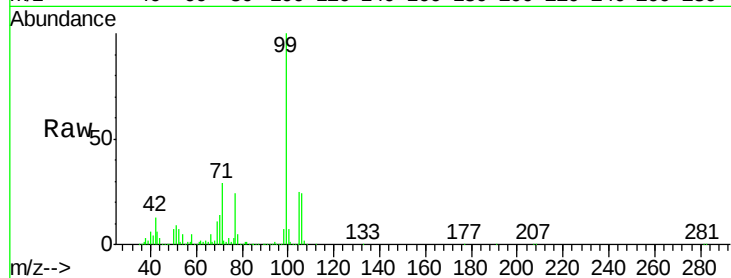
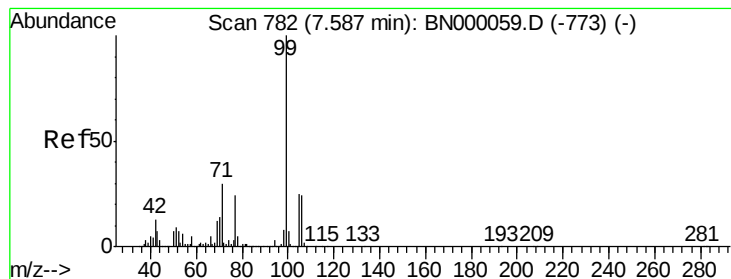


Abundance Ion 93.00 (92.70 to 93.70): BNO

Ion 66.00 (65.70 to 66.70): BNO

Ion 65.00 (64.70 to 65.70): BNO





#7

Phenol-d6

Concen: 82.06 ng

RT: 7.58 min Scan# 781

Delta R.T. -0.01 min

Lab File: BN000086.D

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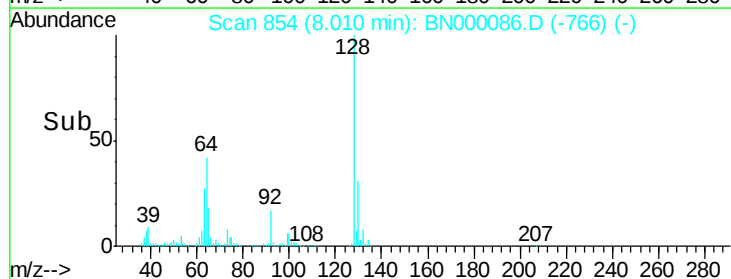
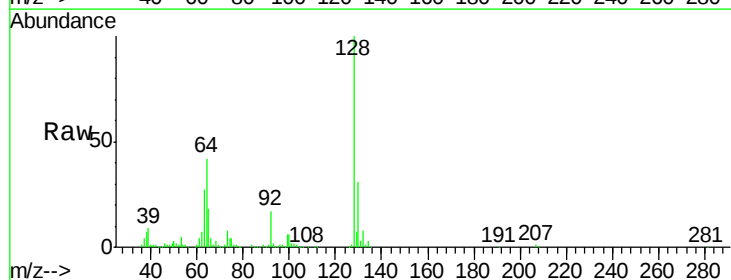
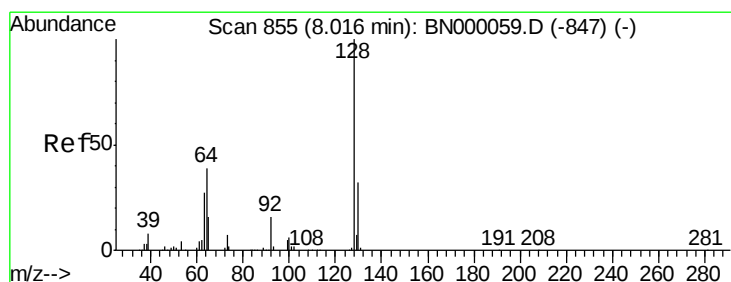
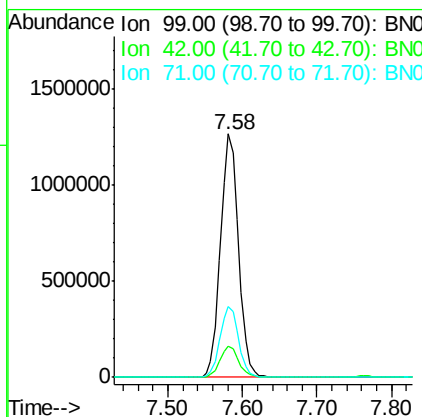
Instrument :

BNA_N

ClientSampleId :

Tot Ion: 99 Resp: 2133799

Ion	Ratio	Lower	Upper
99	100		
42	12.6	14.1	21.1#
71	29.2	26.1	39.1



#8

2-Chlorophenol

Concen: 39.71 ng

RT: 8.01 min Scan# 854

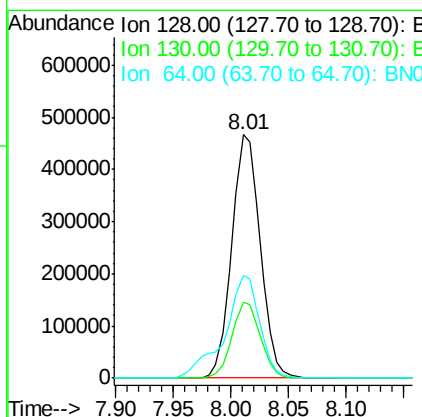
Delta R.T. -0.01 min

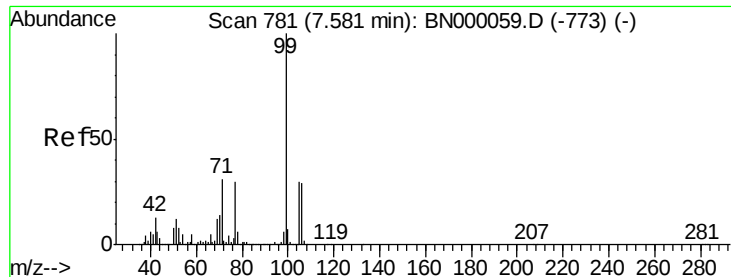
Lab File: BN000086.D

Acq: 15 Feb 2018 08:57

Tgt Ion: 128 Resp: 797116

Ion	Ratio	Lower	Upper
128	100		
130	31.1	14.0	54.0
64	42.4	37.7	77.7

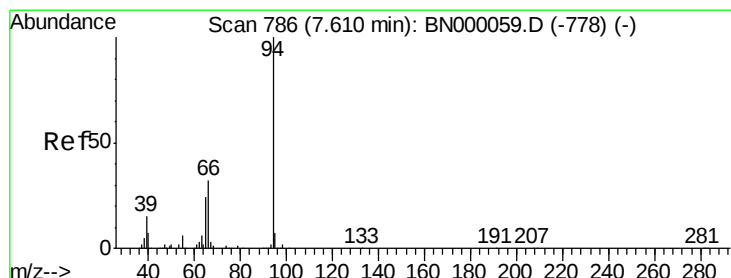
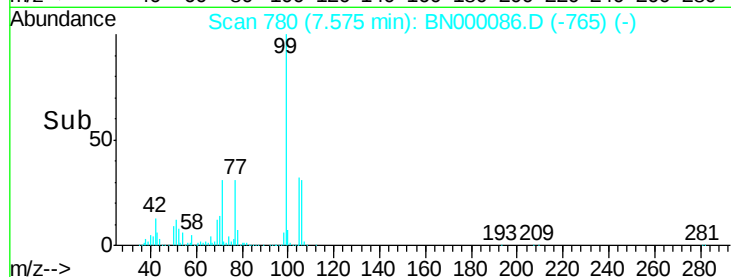
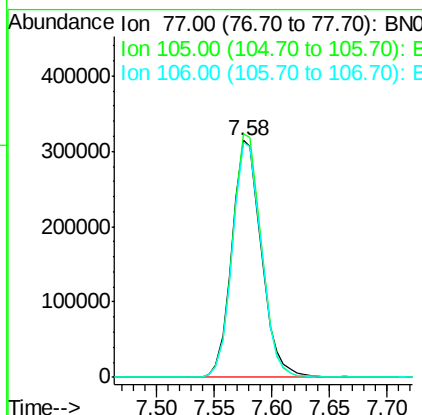
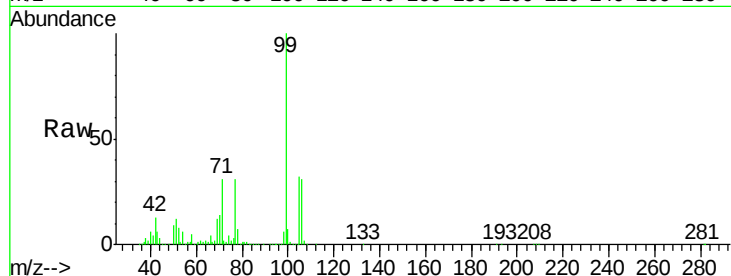




#9
Benzaldehyde
Concen: 34.43 ng
RT: 7.58 min Scan# 780
Delta R.T. -0.01 min
Lab File: BN000086.D
Acq: 15 Feb 2018 08:57

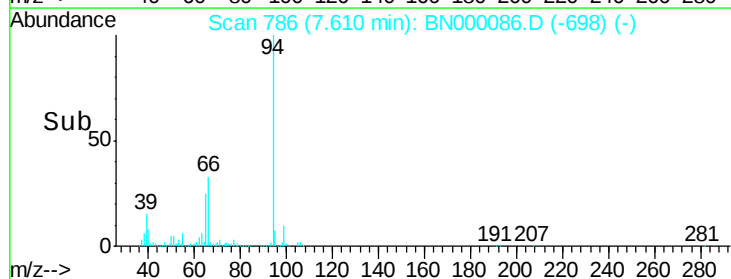
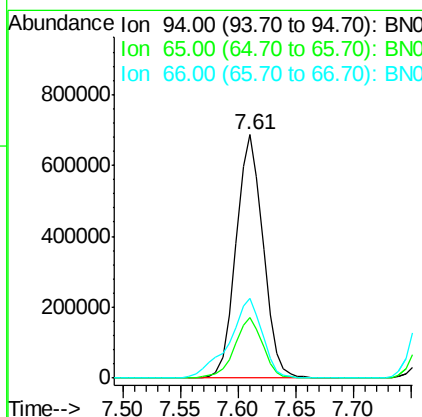
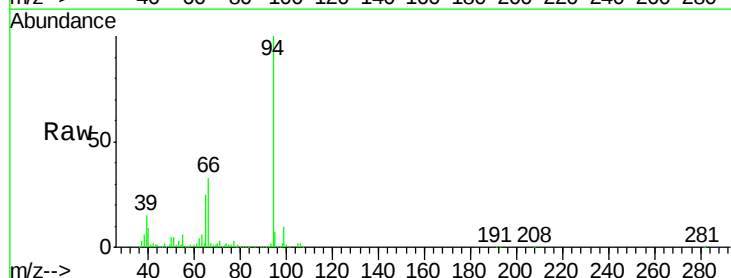
Instrument :
BNA_N
ClientSampled :

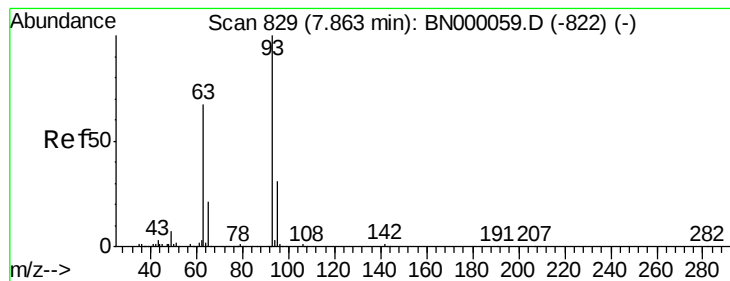
Tot Ion: 77 Resp: 557068
Ion Ratio Lower Upper
77 100
105 102.8 71.3 111.3
106 98.9 64.2 104.2



#10
Phenol
Concen: 40.52 ng
RT: 7.61 min Scan# 786
Delta R.T. -0.01 min
Lab File: BN000086.D
Acq: 15 Feb 2018 08:57

Tgt Ion: 94 Resp: 1112309
Ion Ratio Lower Upper
94 100
65 24.6 11.9 51.9
66 32.6 22.2 62.2

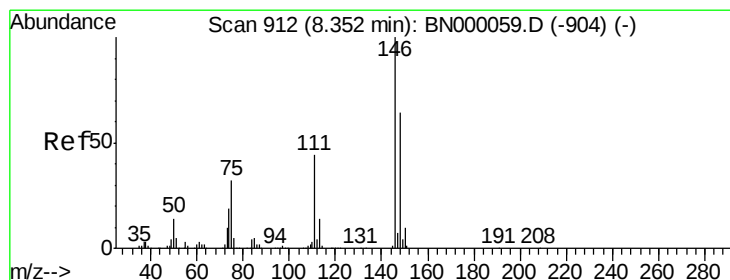
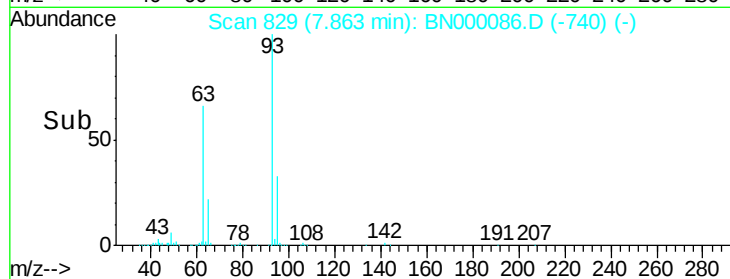
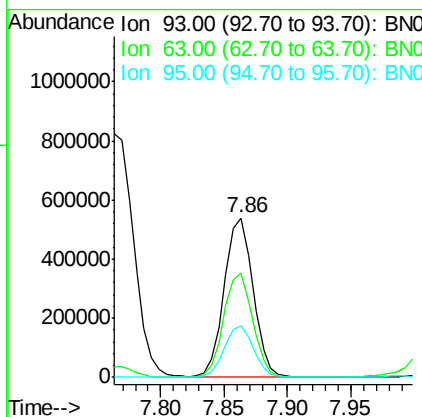
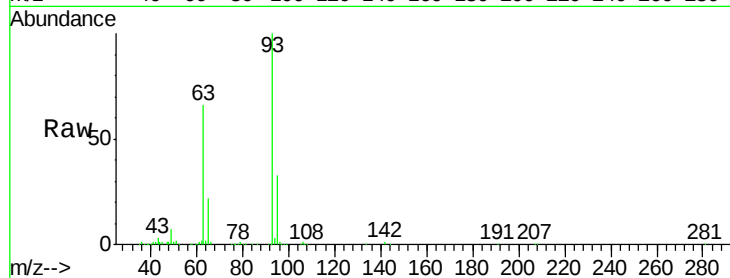




#11
bis(2-Chloroethyl)ether
Concen: 37.70 ng
RT: 7.86 min Scan# 829
Delta R.T. -0.01 min
Lab File: BN000086.D
Acq: 15 Feb 2018 08:57

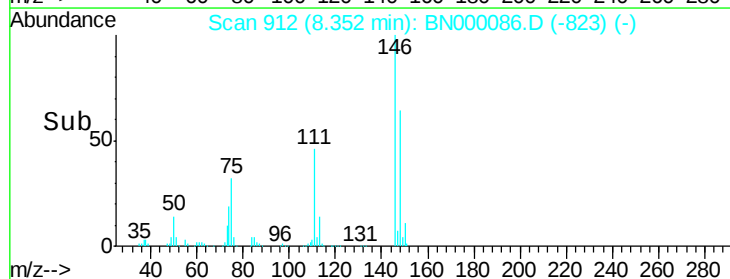
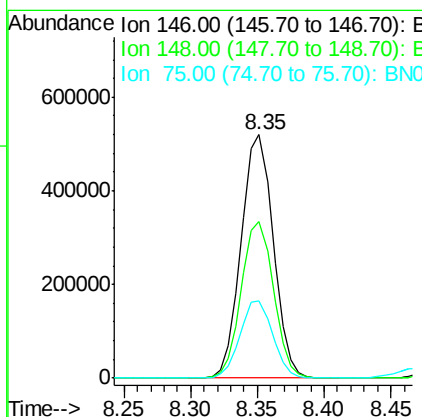
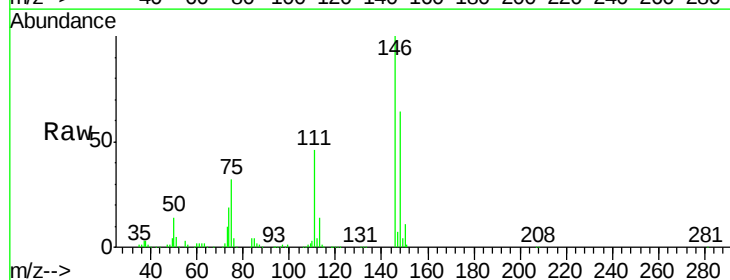
Instrument :
BNA_N
ClientSampled :

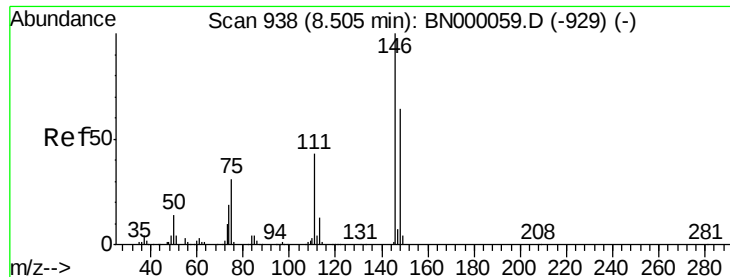
Tot Ion	Ratio	Lower	Upper
93	100		
63	65.6	67.1	107.1#
95	32.5	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 38.02 ng
RT: 8.35 min Scan# 912
Delta R.T. -0.01 min
Lab File: BN000086.D
Acq: 15 Feb 2018 08:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.2
75	31.6	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 38.15 ng

RT: 8.50 min Scan# 937

Delta R.T. -0.01 min

Lab File: BN000086.D

Acq: 15 Feb 2018 08:57

Instrument :

BNA_N

ClientSampleId :

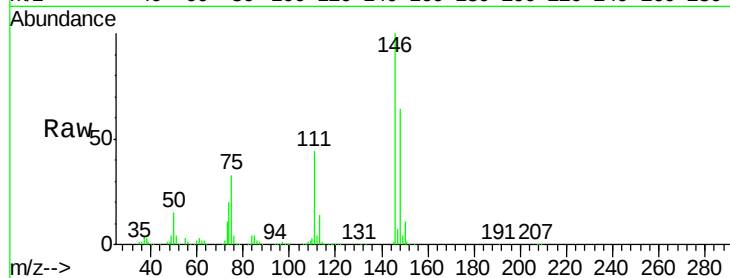
Tot Ion:146 Resp: 888638

Ion Ratio Lower Upper

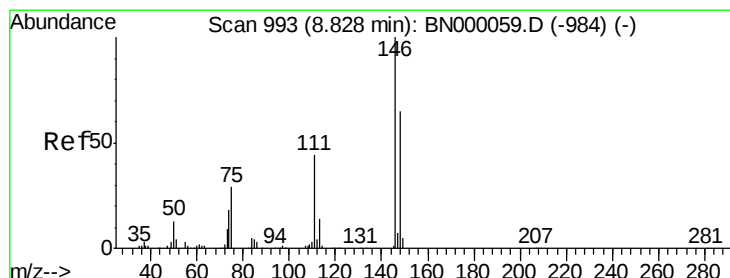
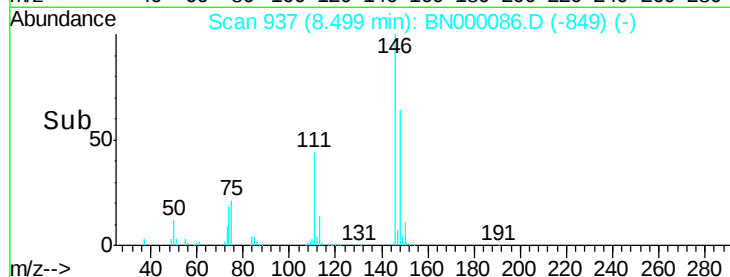
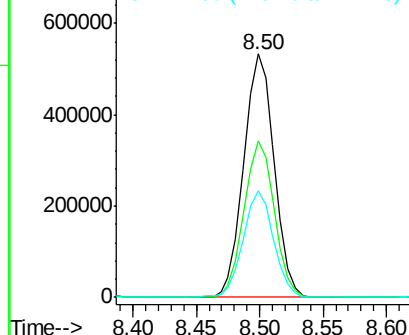
146 100

148 64.3 53.7 80.5

111 44.0 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: 38.32 ng

RT: 8.82 min Scan# 992

Delta R.T. -0.01 min

Lab File: BN000086.D

Acq: 15 Feb 2018 08:57

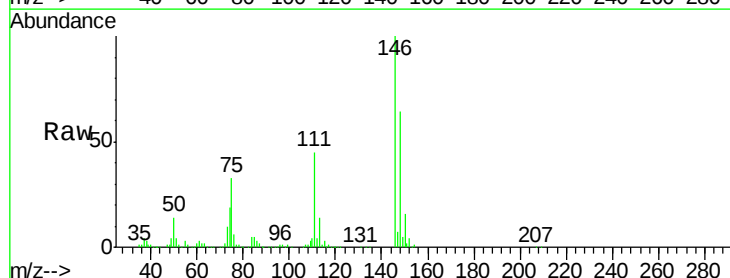
Tgt Ion:146 Resp: 878620

Ion Ratio Lower Upper

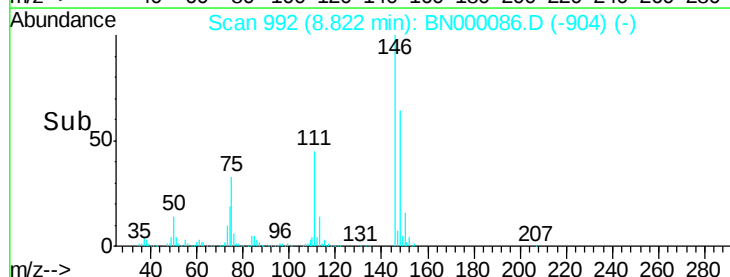
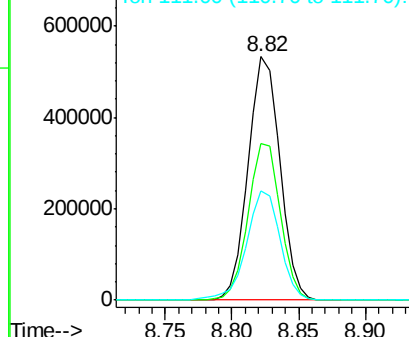
146 100

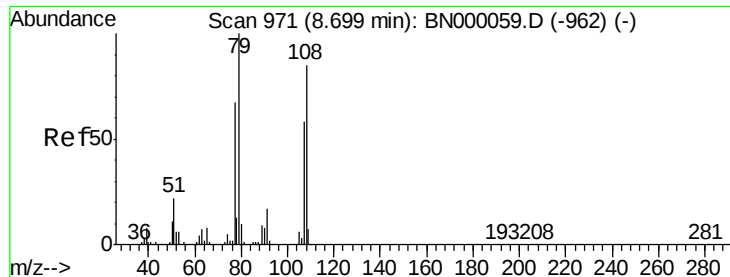
148 64.2 49.3 73.9

111 45.0 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: 38.64 ng

RT: 8.69 min Scan# 970

Delta R.T. -0.01 min

Lab File: BN000086.D

Acq: 15 Feb 2018 08:57

Instrument :

BNA_N

ClientSampled :

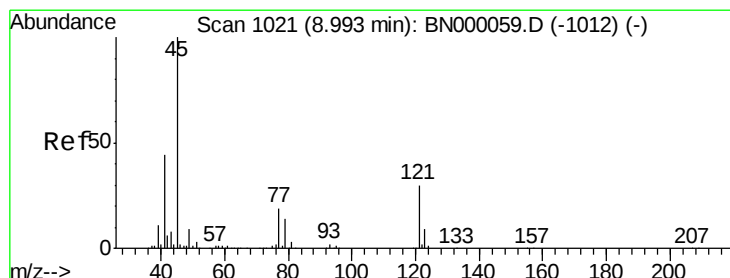
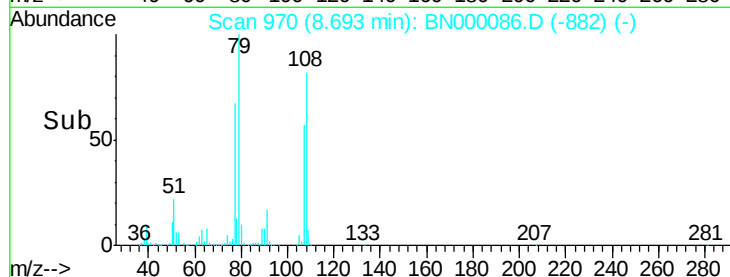
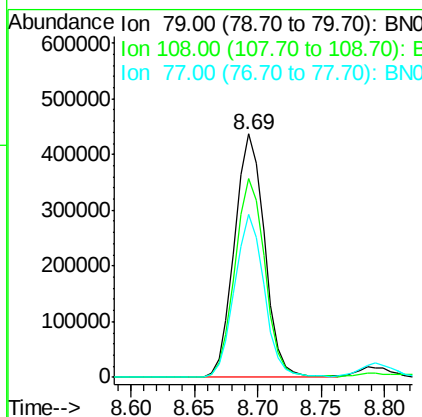
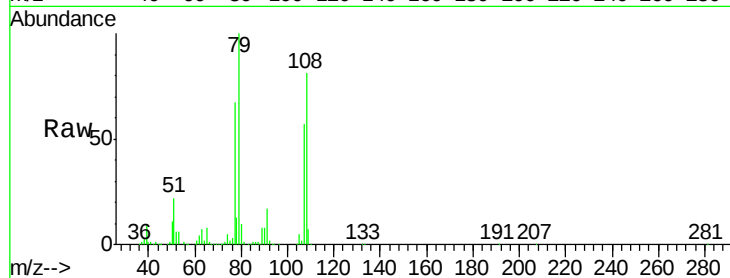
Tot Ion: 79 Resp: 722118

Ion Ratio Lower Upper

79 100

108 81.5 57.2 85.8

77 67.0 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.96 ng

RT: 8.99 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BN000086.D

Acq: 15 Feb 2018 08:57

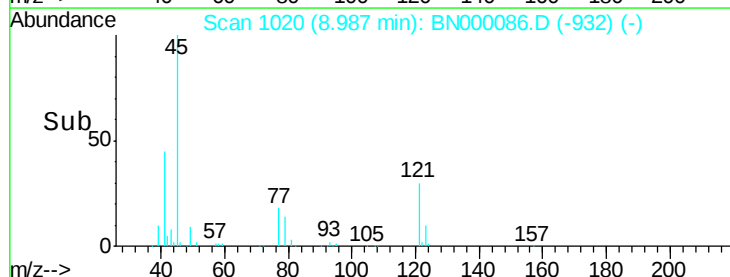
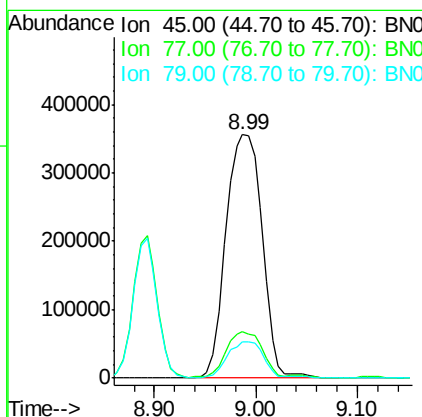
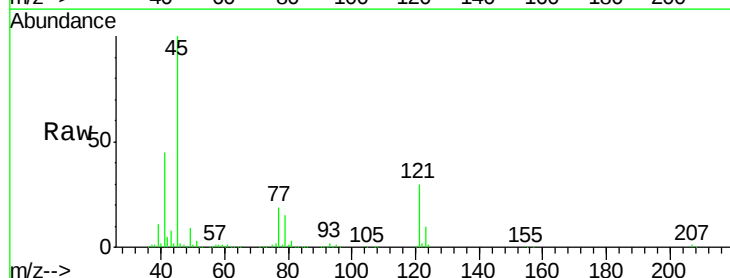
Tgt Ion: 45 Resp: 883281

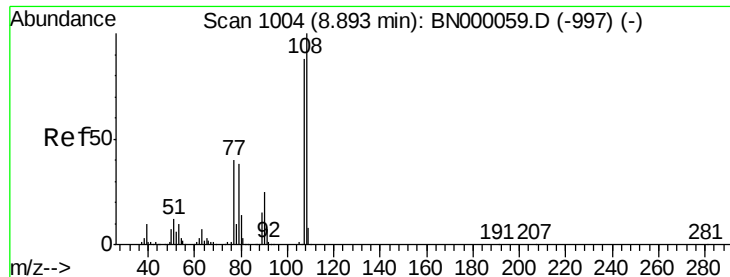
Ion Ratio Lower Upper

45 100

77 19.1 0.0 30.2

79 14.9 0.0 27.9





#17

2-Methylphenol

Concen: 39.83 ng

RT: 8.89 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BN000086.D

Acq: 15 Feb 2018 08:57

Instrument :

BNA_N

ClientSampled :

Tot Ion:107 Resp: 776967

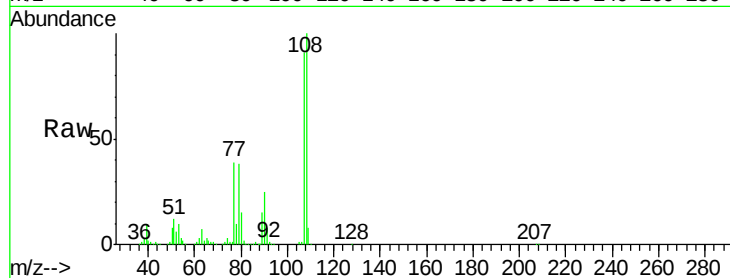
Ion Ratio Lower Upper

107 100

108 110.3 83.9 125.9

77 42.6 37.2 55.8

79 42.0 36.2 54.2

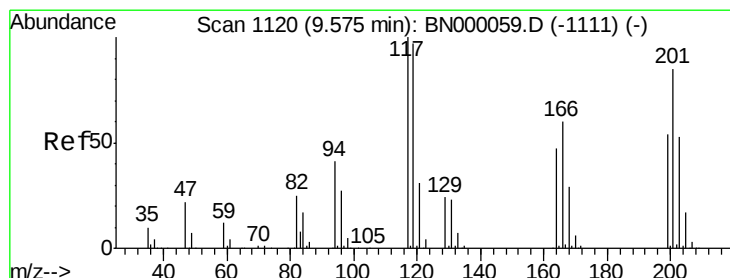
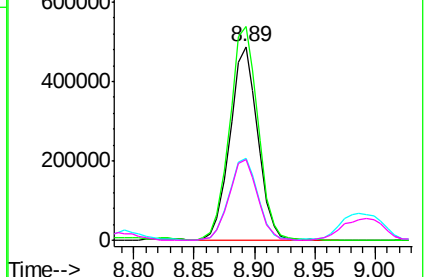
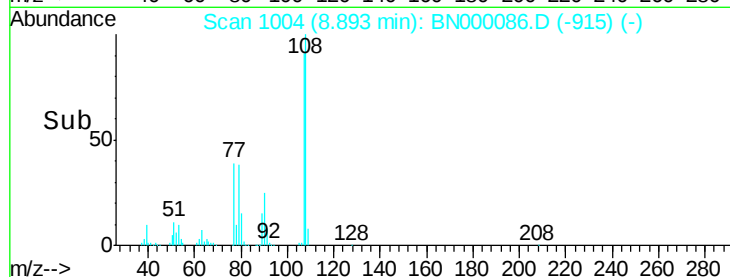


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC



#18

Hexachloroethane

Concen: 37.48 ng

RT: 9.57 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BN000086.D

Acq: 15 Feb 2018 08:57

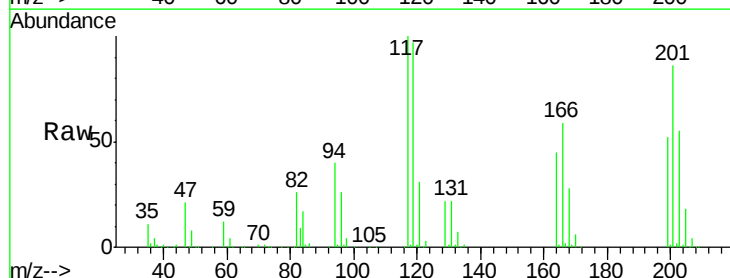
Tgt Ion:117 Resp: 303971

Ion Ratio Lower Upper

117 100

119 97.1 76.7 115.1

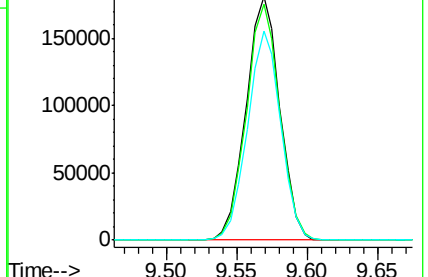
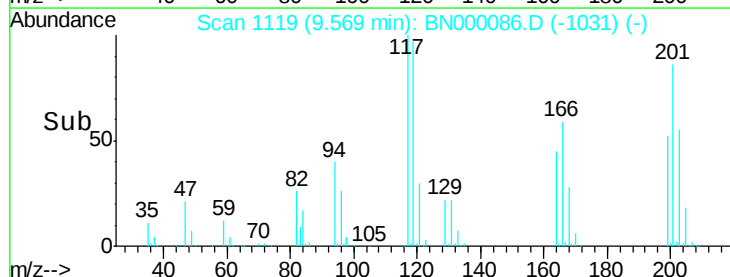
201 86.1 95.7 143.5#

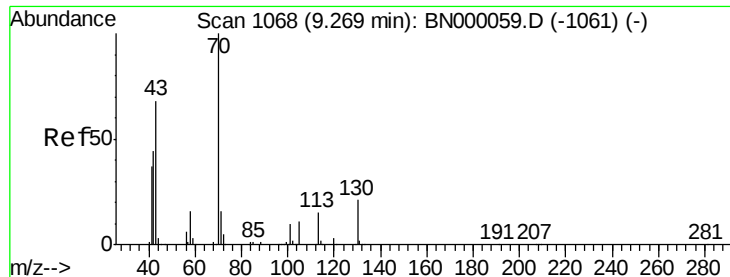


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.25 ng

RT: 9.27 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BN000086.D

Acq: 15 Feb 2018 08:57

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 649010

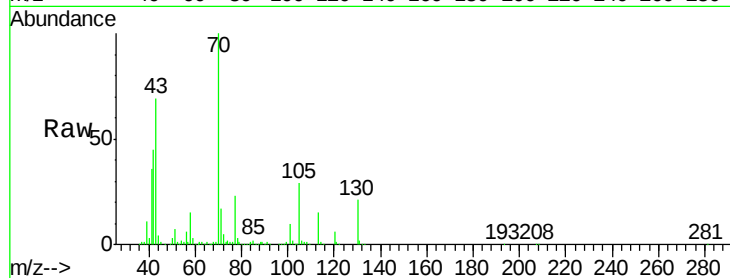
Ion Ratio Lower Upper

70 100

42 44.7 49.1 73.7#

101 10.1 8.5 12.7

130 21.0 13.4 20.0#

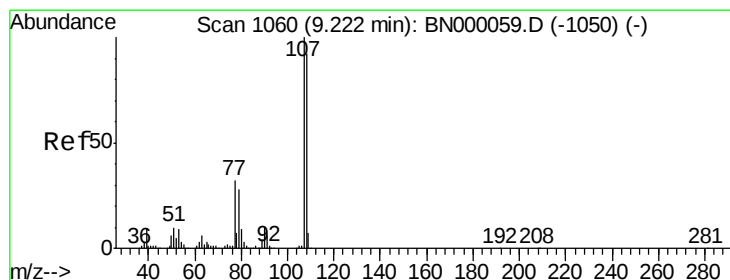
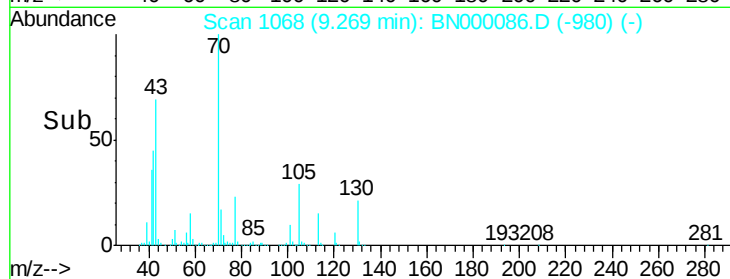
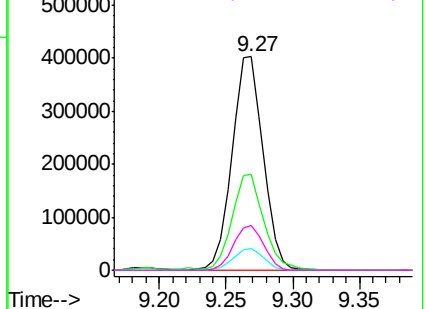


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 40.06 ng

RT: 9.22 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BN000086.D

Acq: 15 Feb 2018 08:57

Tgt Ion:107 Resp: 1092847

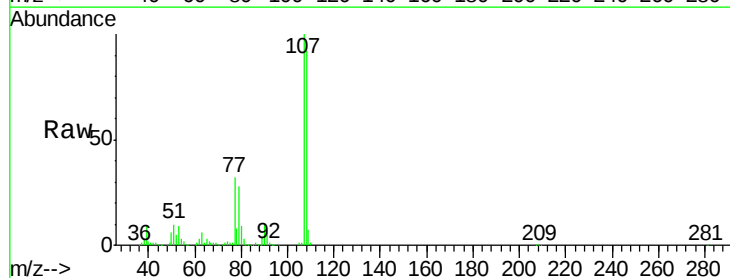
Ion Ratio Lower Upper

107 100

108 91.6 61.6 101.6

77 31.9 13.9 53.9

79 28.4 8.8 48.8

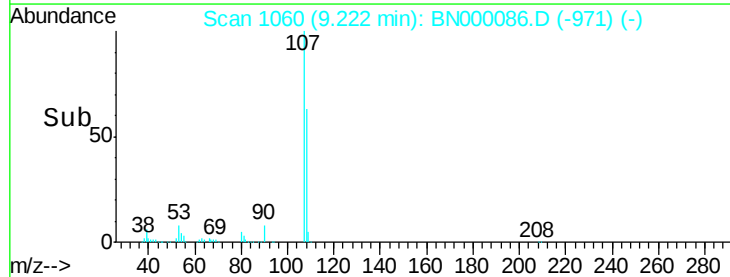
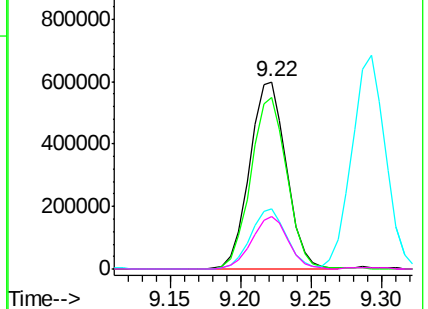


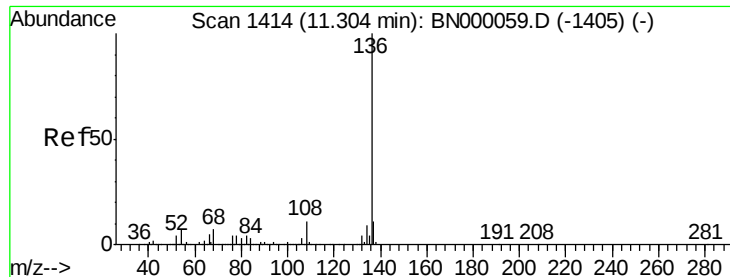
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BN0

Ion 79.00 (78.70 to 79.70): BN0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.30 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BN000086.D

Acq: 15 Feb 2018 08:57

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 1411608

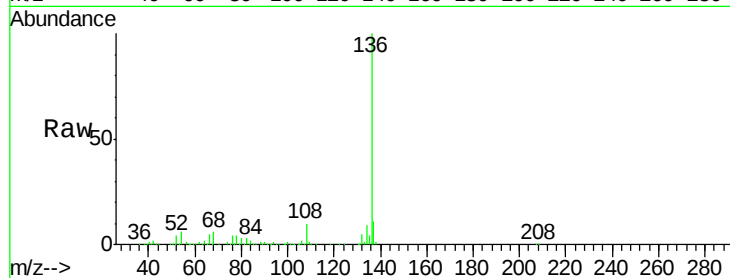
Ion Ratio Lower Upper

136 100

137 10.6 9.2 13.8

54 6.5 10.3 15.5#

68 6.1 4.5 6.7

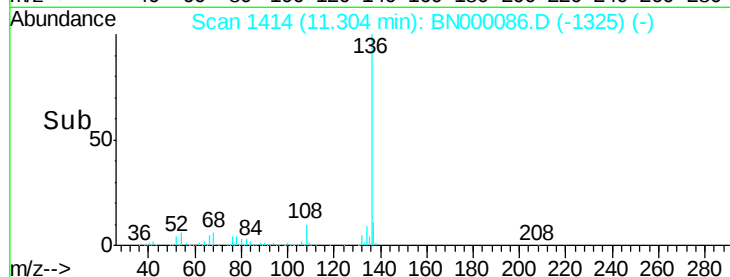


Abundance Ion 136.00 (135.70 to 136.70): E

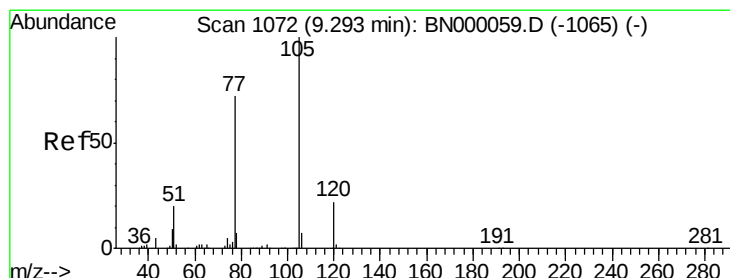
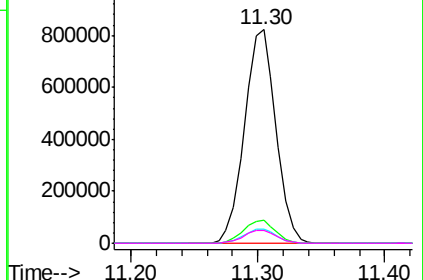
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#22

Acetophenone

Concen: 38.75 ng

RT: 9.29 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BN000086.D

Acq: 15 Feb 2018 08:57

Tgt Ion:105 Resp: 1532951

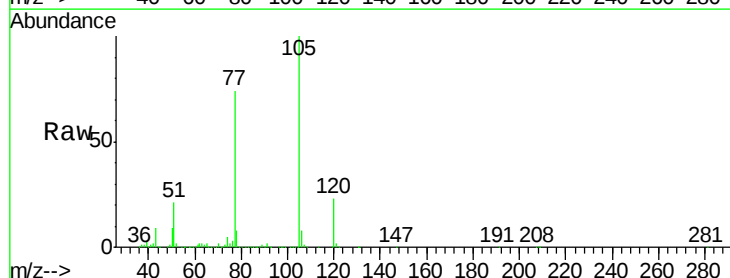
Ion Ratio Lower Upper

105 100

71 0.3 3.0 4.4#

51 20.7 26.1 39.1#

120 22.9 17.4 26.2

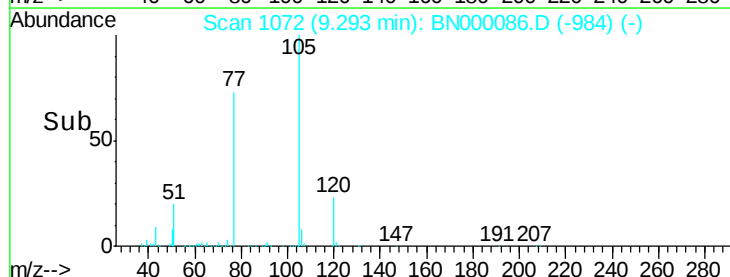


Abundance Ion 105.00 (104.70 to 105.70): E

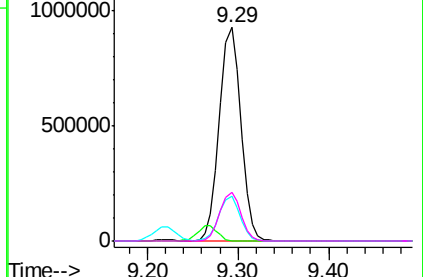
Ion 71.00 (70.70 to 71.70): BNC

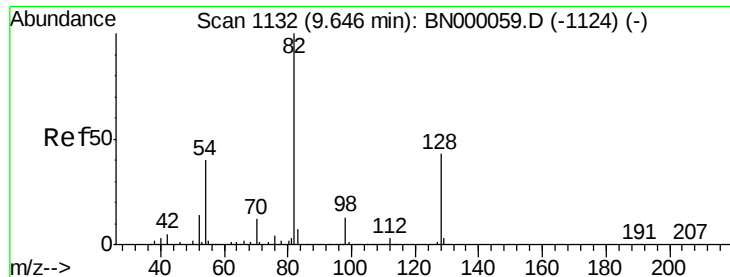
Ion 51.00 (50.70 to 51.70): BNC

Ion 120.00 (119.70 to 120.70): E



Time-->

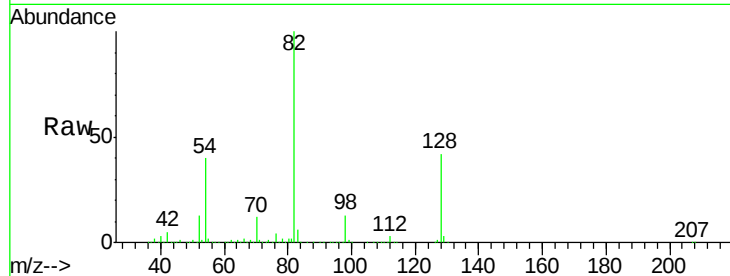




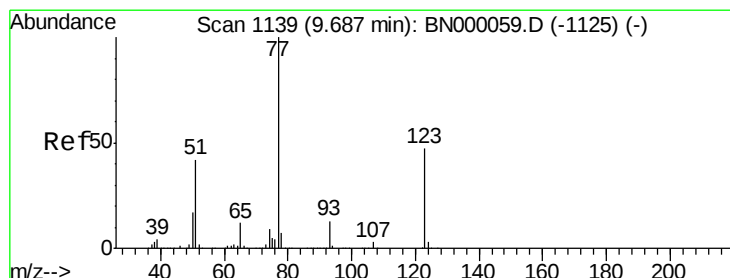
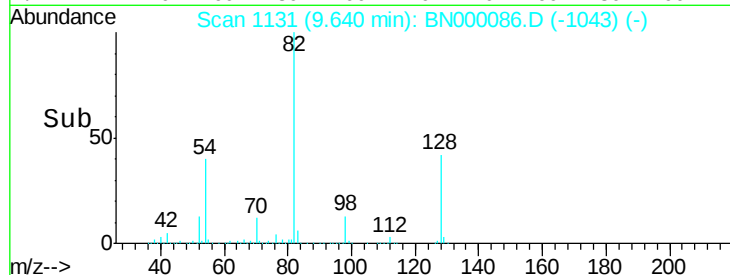
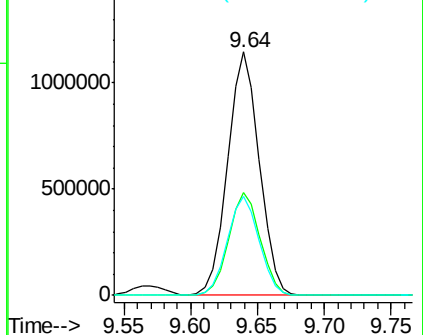
#23
 Nitrobenzene-d5
 Concen: 79.77 ng
 RT: 9.64 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: BN000086.D
 Acq: 15 Feb 2018 08:57

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion: 82 Resp: 1893984
 Ion Ratio Lower Upper
 82 100
 128 42.1 29.7 44.5
 54 40.4 43.1 64.7#

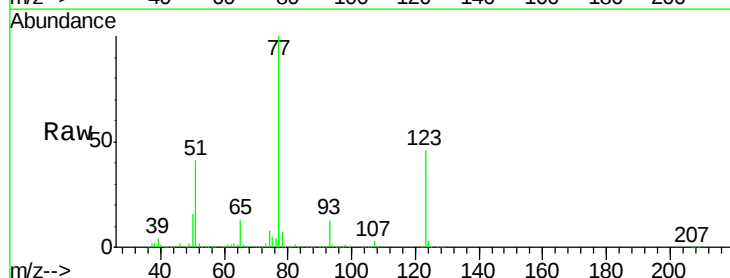


Abundance Ion 82.00 (81.70 to 82.70): BN0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BN0

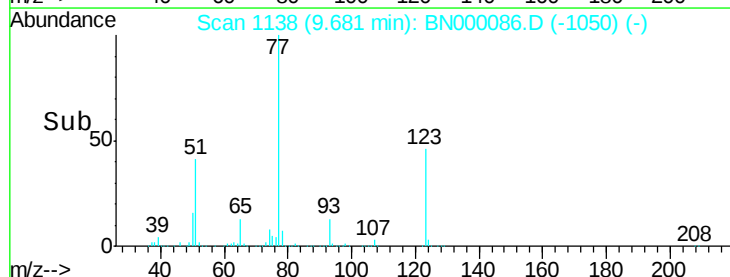
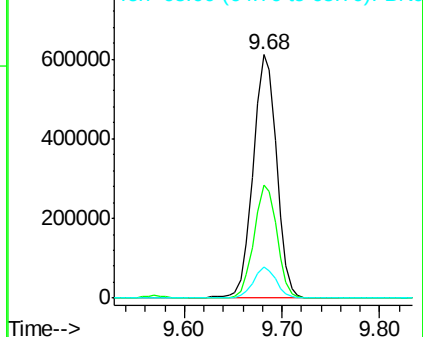


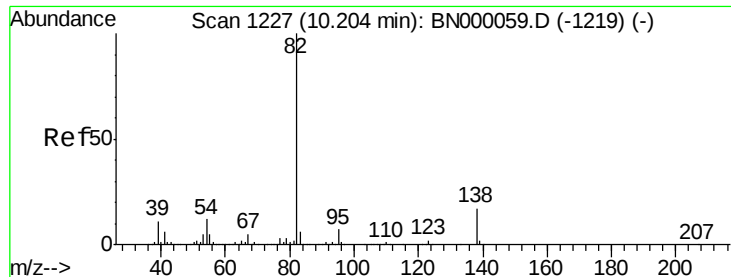
#24
 Nitrobenzene
 Concen: 39.46 ng
 RT: 9.68 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BN000086.D
 Acq: 15 Feb 2018 08:57

Tgt Ion: 77 Resp: 1024116
 Ion Ratio Lower Upper
 77 100
 123 46.4 33.0 49.6
 65 12.8 13.0 19.6#



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





#25

Isophorone

Concen: 37.44 ng

RT: 10.20 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BN000086.D

Acq: 15 Feb 2018 08:57

Instrument :

BNA_N

ClientSampleId :

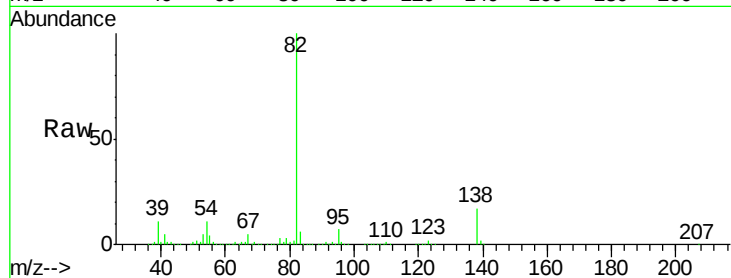
Tot Ion: 82 Resp: 1837281

Ion Ratio Lower Upper

82 100

95 7.1 6.2 9.2

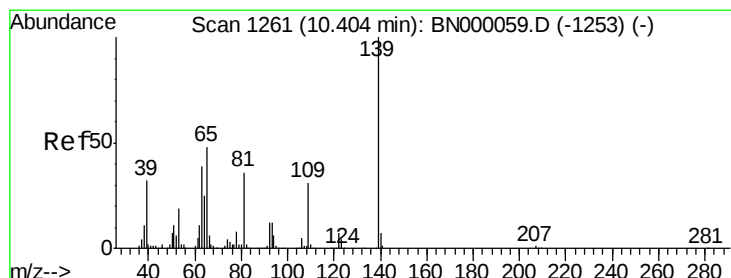
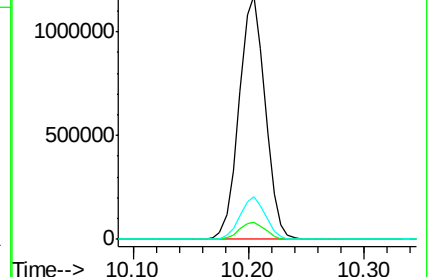
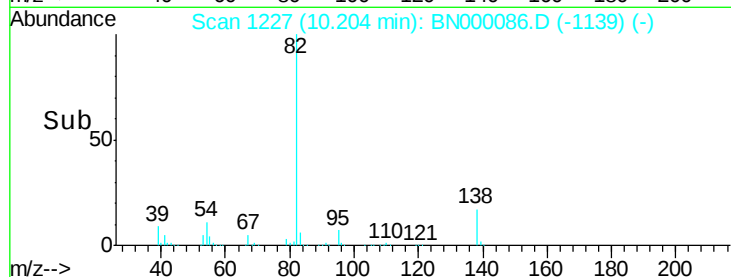
138 17.3 12.1 18.1



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: 35.05 ng

RT: 10.40 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BN000086.D

Acq: 15 Feb 2018 08:57

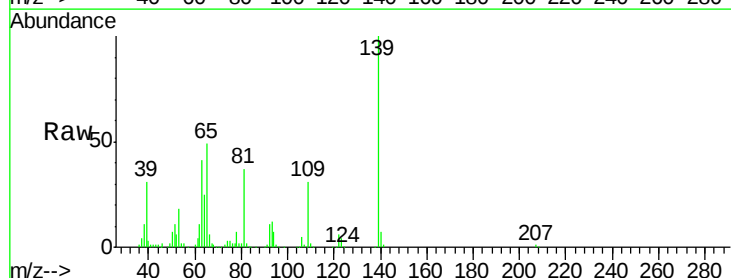
Tgt Ion: 139 Resp: 348586

Ion Ratio Lower Upper

139 100

109 31.1 24.2 36.2

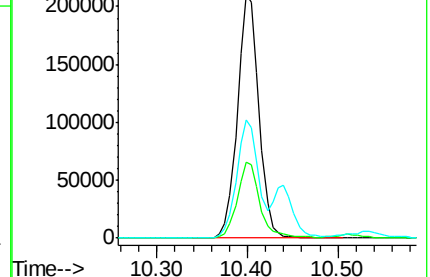
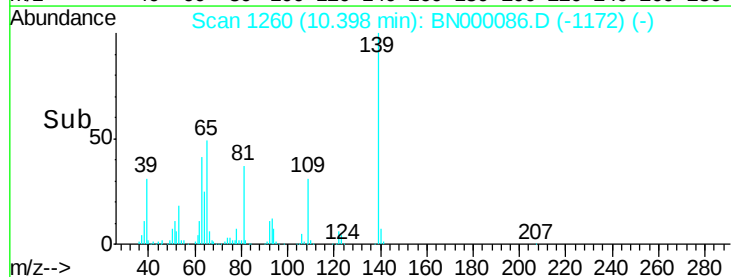
65 48.7 47.4 71.0

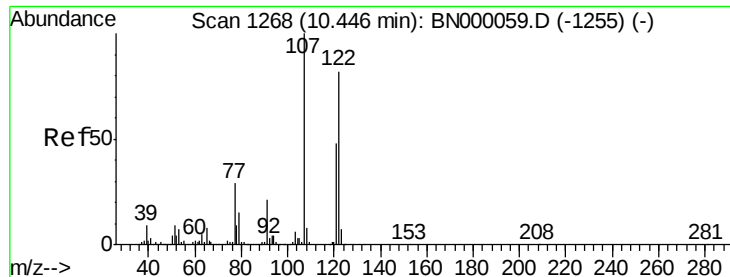


Abundance Ion 139.00 (138.70 to 139.70): BN000059.D (-1253) (-)

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

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

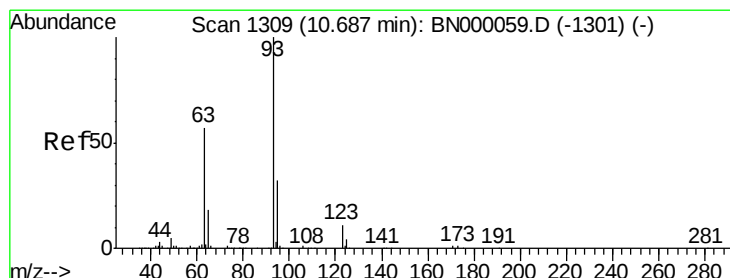
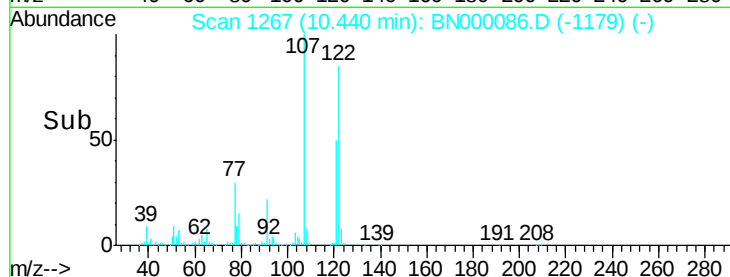
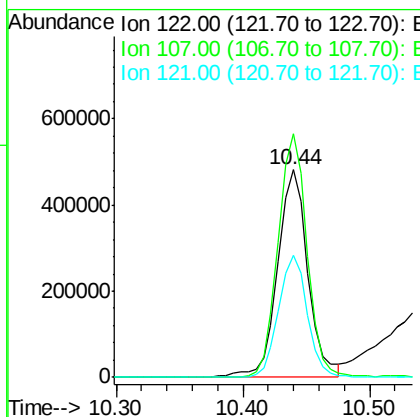
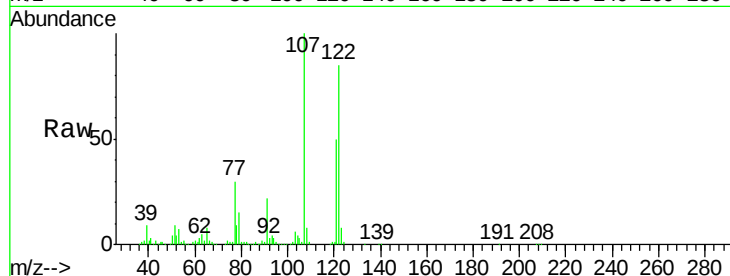




#27
 2,4-Dimethylphenol
 Concen: 37.66 ng
 RT: 10.44 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BN000086.D
 Acq: 15 Feb 2018 08:57

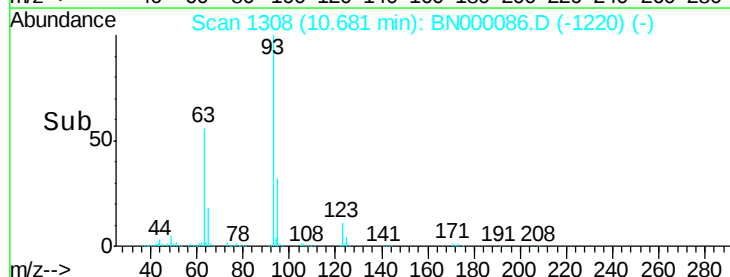
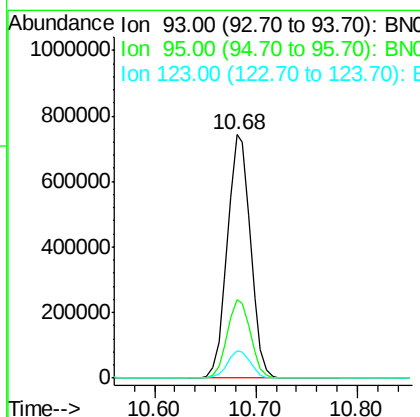
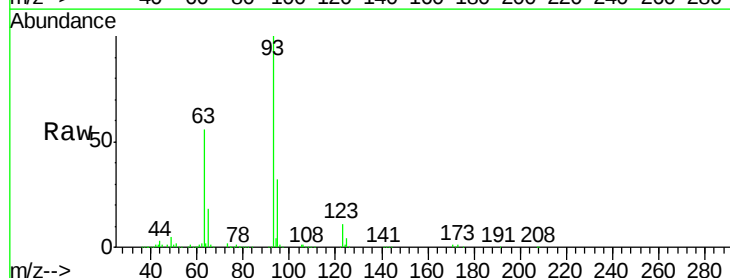
Instrument :
 BNA_N
 ClientSampleId :

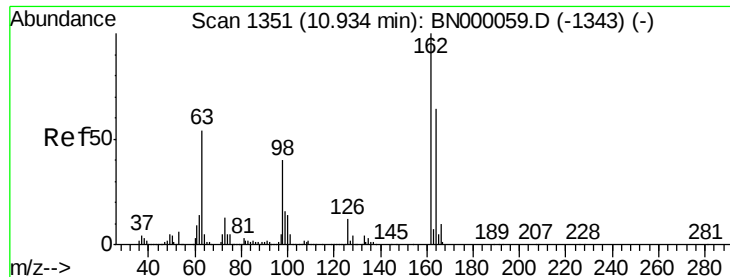
Tot Ion	Ratio	Lower	Upper
122	100		
107	117.5	100.2	150.2
121	59.1	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.44 ng
 RT: 10.68 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BN000086.D
 Acq: 15 Feb 2018 08:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	24.3	36.5
123	11.1	8.4	12.6

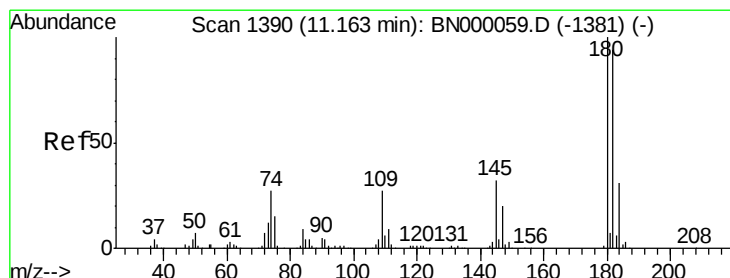
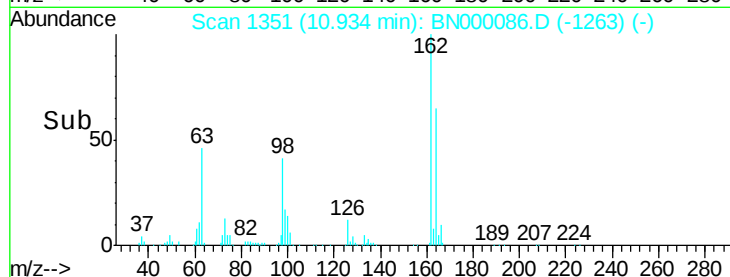
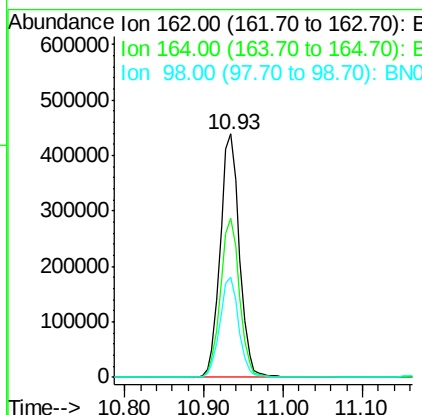
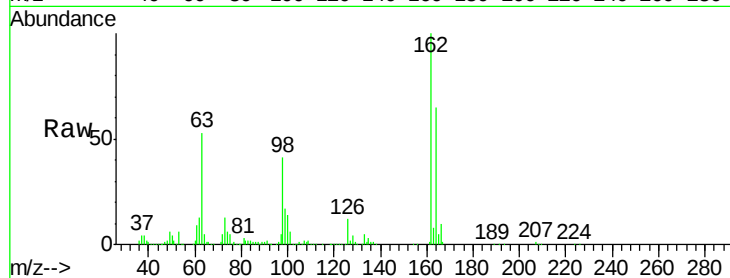




#29
2,4-Dichlorophenol
Concen: 37.53 ng
RT: 10.93 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BN000086.D
Acq: 15 Feb 2018 08:57

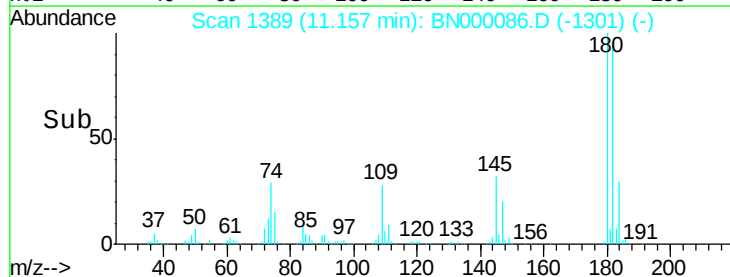
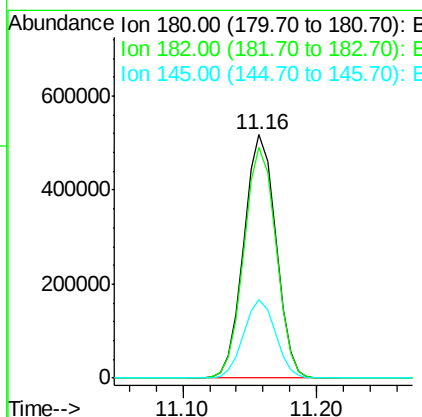
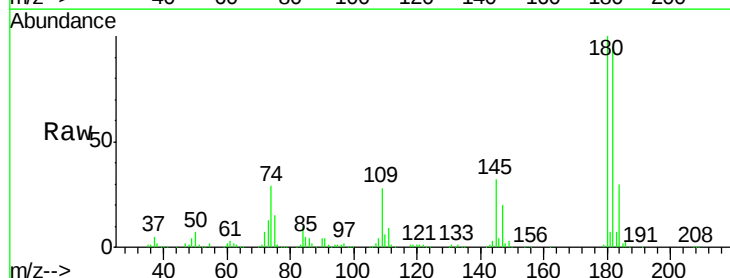
Instrument :
BNA_N
ClientSampleId :

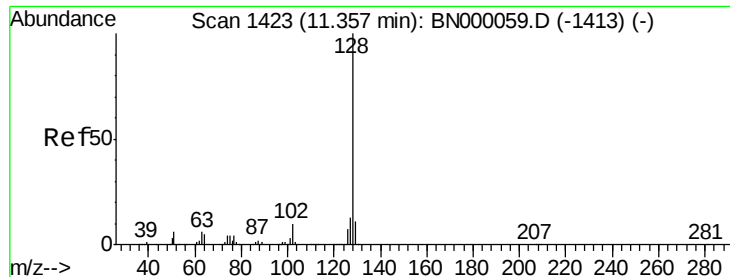
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	48.0	88.0
98	40.9	21.1	61.1



#30
1,2,4-Trichlorobenzene
Concen: 37.84 ng
RT: 11.16 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BN000086.D
Acq: 15 Feb 2018 08:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	77.5	116.3
145	32.2	23.4	35.2

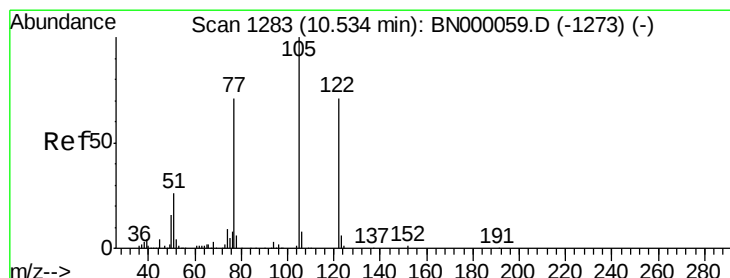
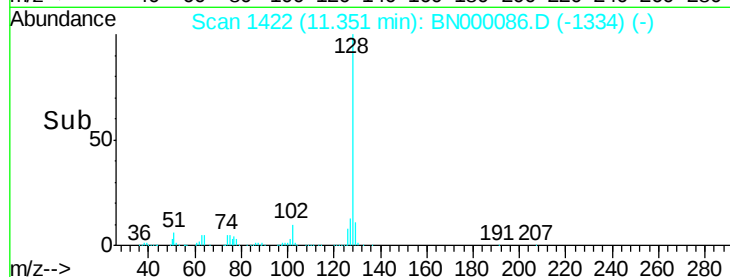
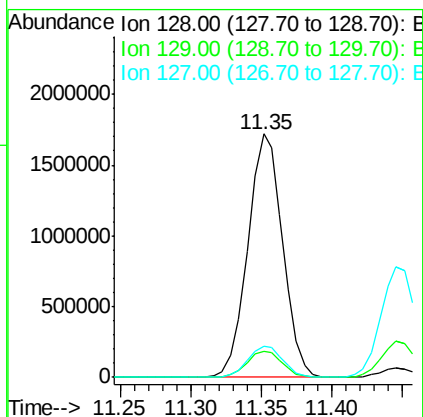
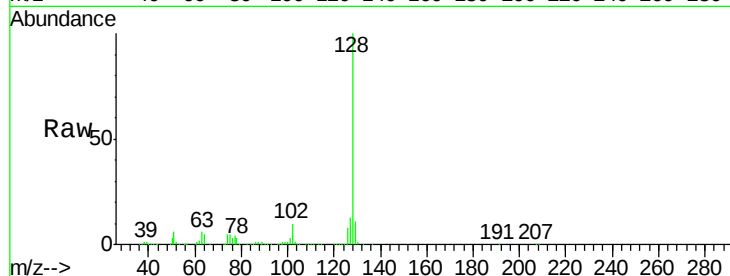




#31
Naphthalene
Concen: 38.35 ng
RT: 11.35 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BN000086.D
Acq: 15 Feb 2018 08:57

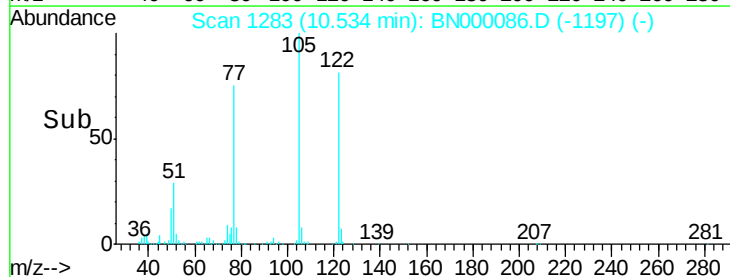
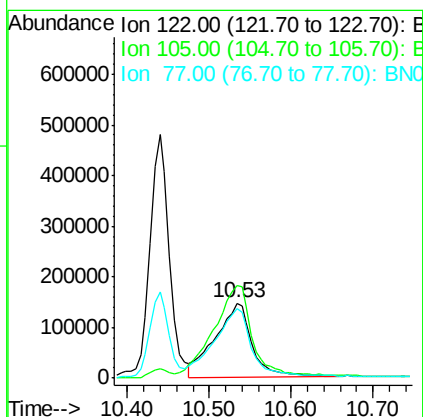
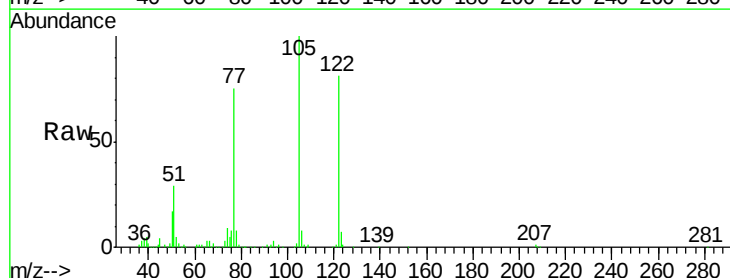
Instrument :
BNA_N
ClientSampleId :

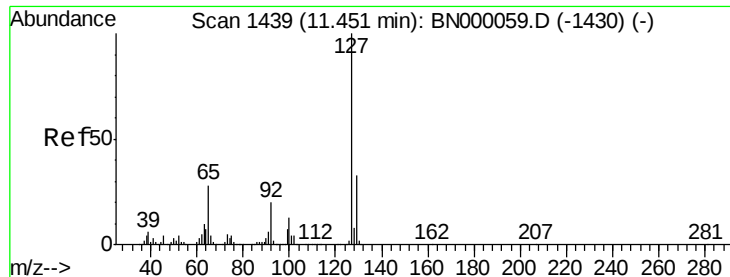
Tot Ion:128 Resp: 2967944
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 13.0 11.6 17.4



#32
Benzoic acid
Concen: 32.88 ng
RT: 10.53 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BN000086.D
Acq: 15 Feb 2018 08:57

Tgt Ion:122 Resp: 452181
Ion Ratio Lower Upper
122 100
105 123.3 123.5 163.5#
77 92.2 85.7 125.7

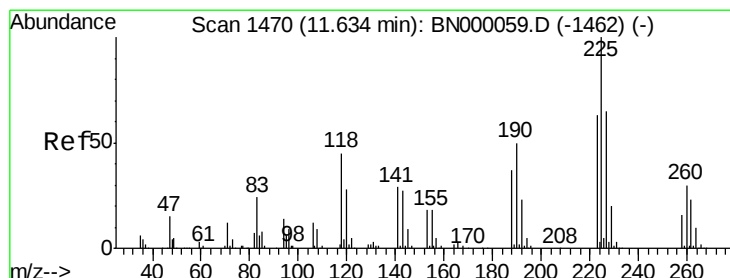
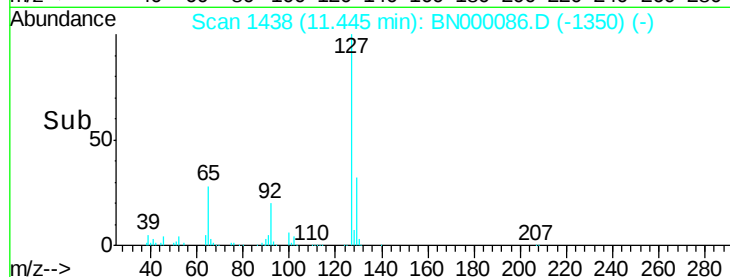
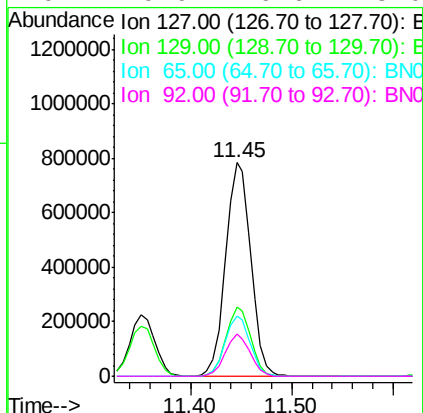
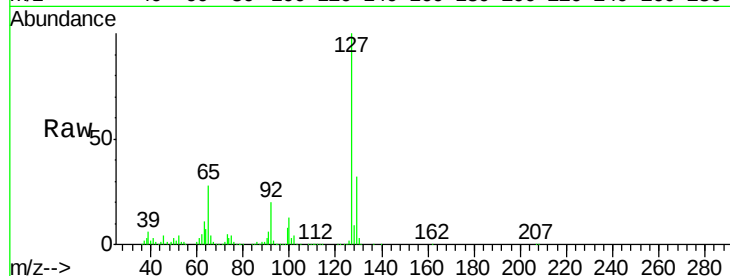




#33
4-Chloroaniline
Concen: 39.52 ng
RT: 11.45 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BN000086.D
Acq: 15 Feb 2018 08:57

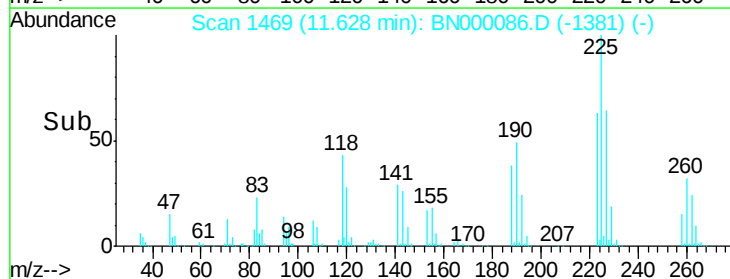
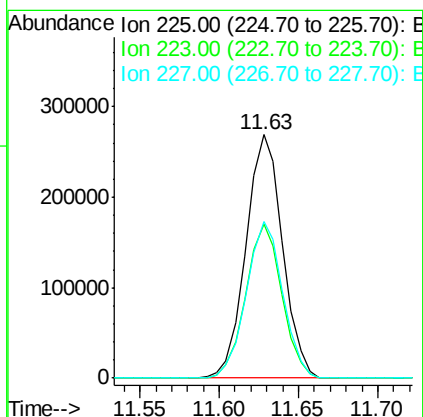
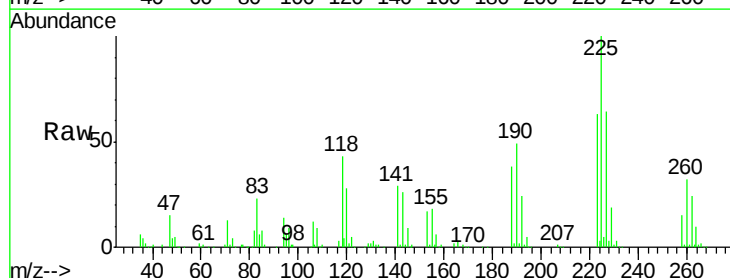
Instrument :
BNA_N
ClientSampleId :

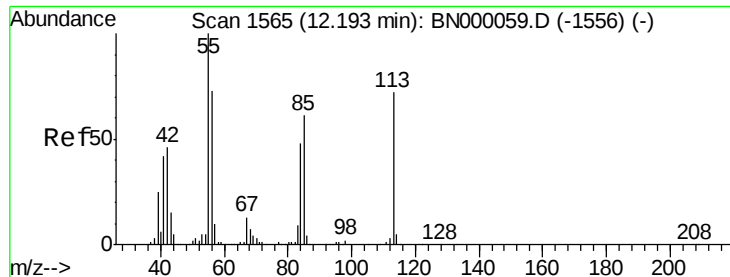
Tot Ion:	127	Resp:	1343387
Ion	Ratio	Lower	Upper
127	100		
129	32.2	24.0	36.0
65	28.4	27.0	40.4
92	19.9	16.6	25.0



#34
Hexachlorobutadiene
Concen: 36.56 ng
RT: 11.63 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BN000086.D
Acq: 15 Feb 2018 08:57

Tgt Ion:	225	Resp:	429902
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.7	74.5
227	64.3	48.1	72.1





#35

Caprolactam

Concen: 37.61 ng

RT: 12.19 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BN000086.D

Acq: 15 Feb 2018 08:57

Instrument :

BNA_N

ClientSampleId :

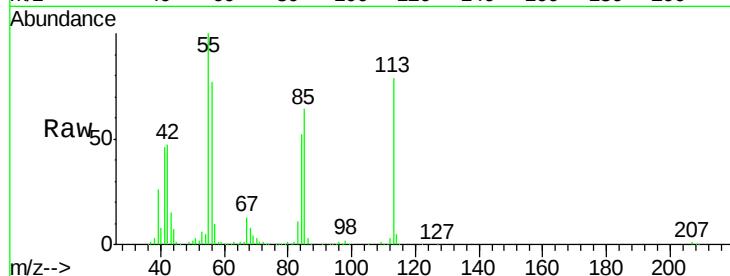
Tot Ion:113 Resp: 31530

Ion Ratio Lower Upper

113 100

55 126.6 120.0 160.0

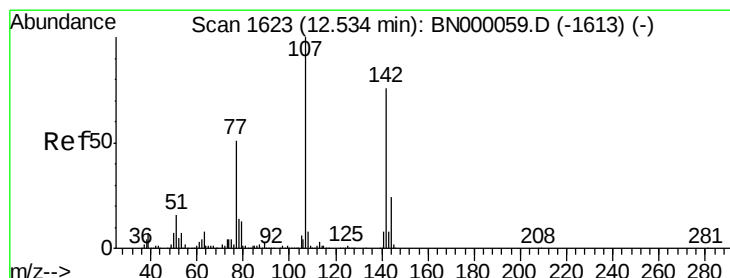
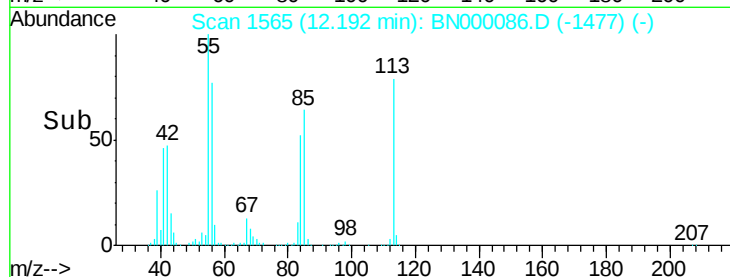
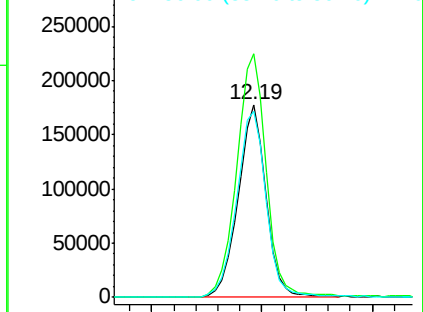
56 96.9 90.0 130.0



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: 38.44 ng

RT: 12.53 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BN000086.D

Acq: 15 Feb 2018 08:57

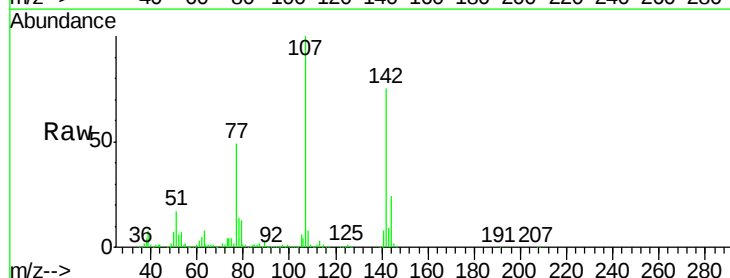
Tgt Ion:107 Resp: 961061

Ion Ratio Lower Upper

107 100

144 23.7 18.2 27.4

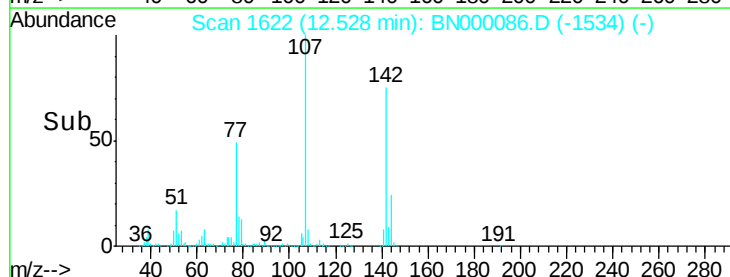
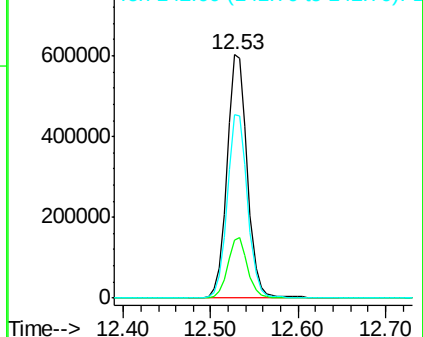
142 75.1 59.0 88.4

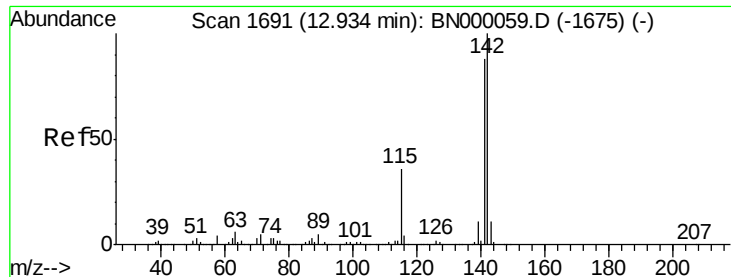


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

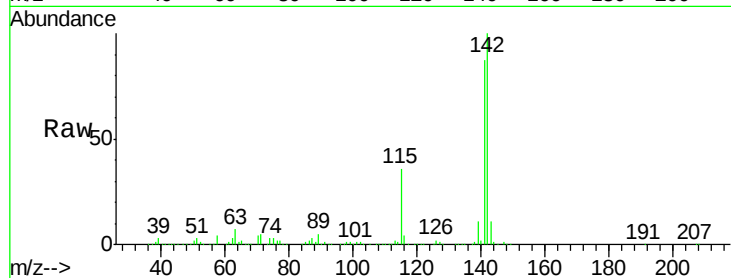




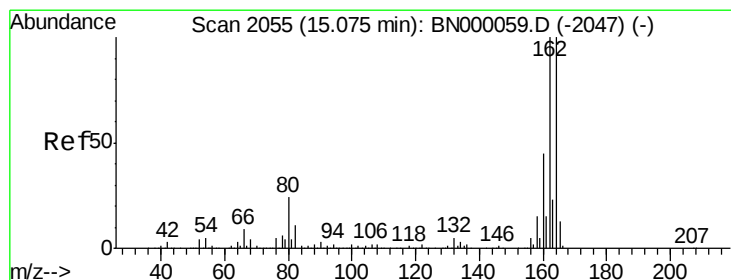
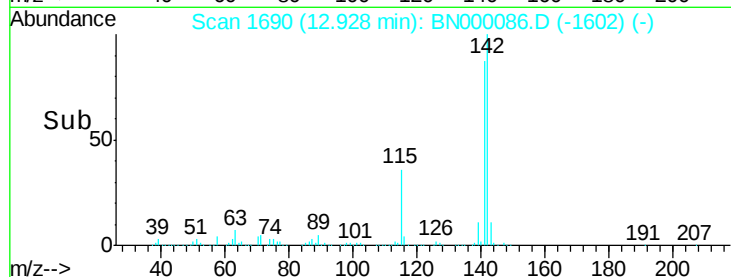
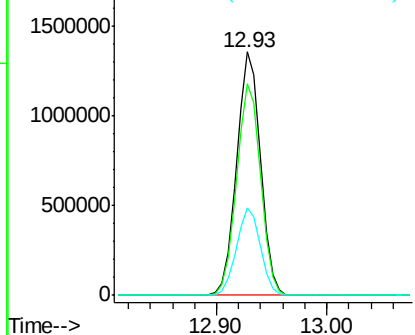
#37
2-Methylnaphthalene
Concen: 38.31 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BN000086.D
Acq: 15 Feb 2018 08:57

Instrument :
BNA_N
ClientSampleId :

Tot Ion:142 Resp: 2062812
Ion Ratio Lower Upper
142 100
141 87.0 67.1 100.7
115 35.9 30.7 46.1

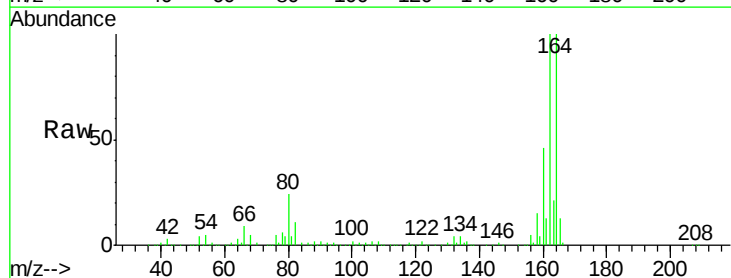


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

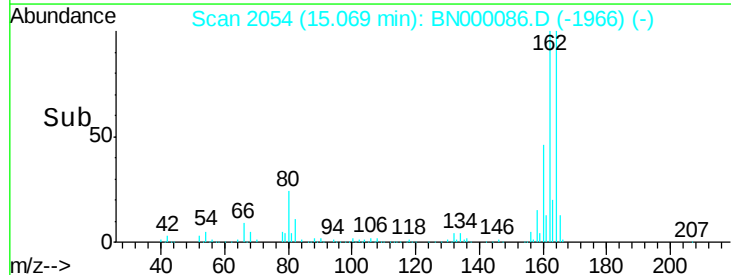
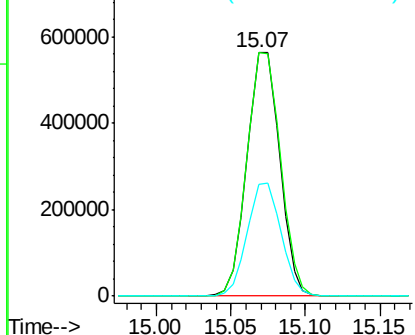


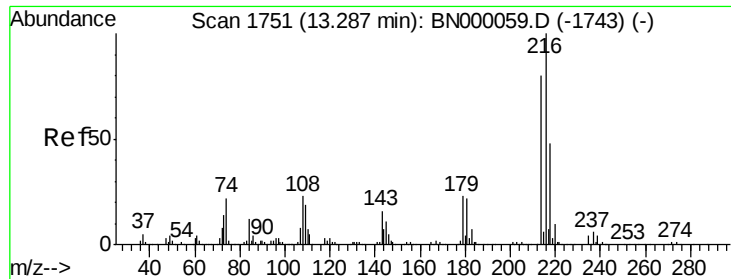
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.07 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BN000086.D
Acq: 15 Feb 2018 08:57

Tgt Ion:164 Resp: 857662
Ion Ratio Lower Upper
164 100
162 99.8 78.8 118.2
160 46.0 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.38 ng

RT: 13.29 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BN000086.D

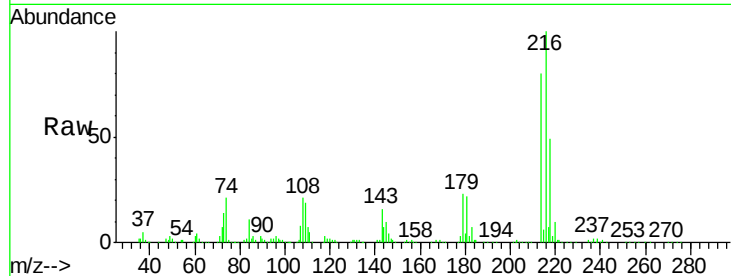
Acq: 15 Feb 2018 08:57

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	216	Resp:	946356
Ion Ratio	Lower	Upper	
216	100		
214	78.8	63.0	94.4
179	22.7	17.0	25.6
108	23.5	12.8	19.2#

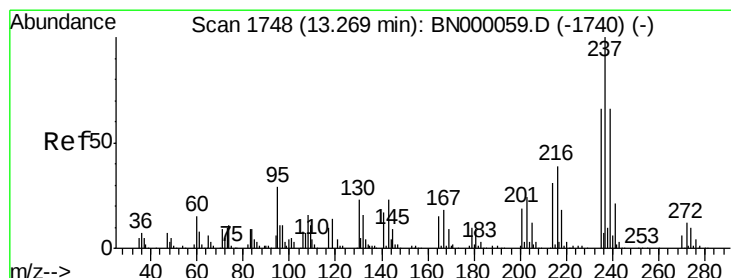
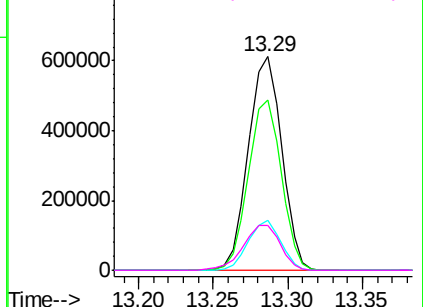
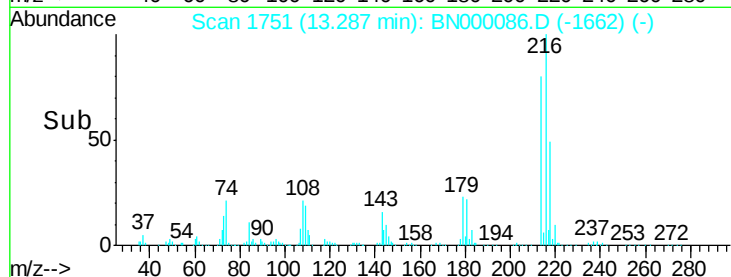


Abundance Ion 216.00 (215.70 to 216.70): E

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: 34.78 ng

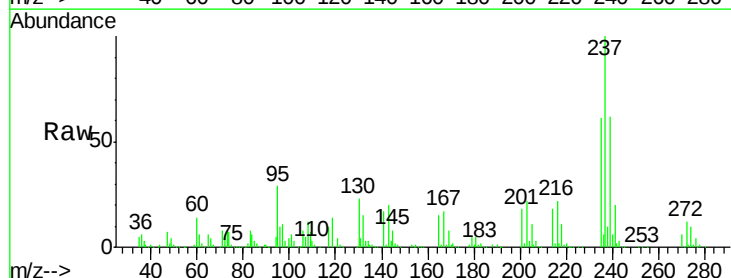
RT: 13.26 min Scan# 1747

Delta R.T. -0.01 min

Lab File: BN000086.D

Acq: 15 Feb 2018 08:57

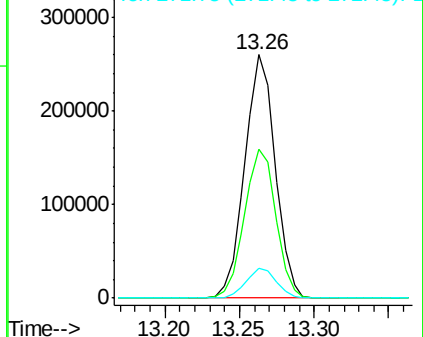
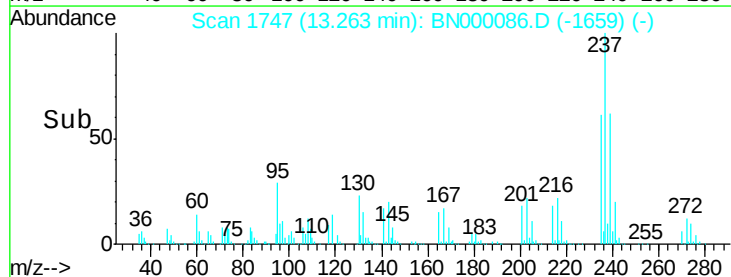
Tgt Ion:	237	Resp:	367009
Ion Ratio	Lower	Upper	
237	100		
235	61.0	50.4	90.4
272	12.4	0.0	31.8

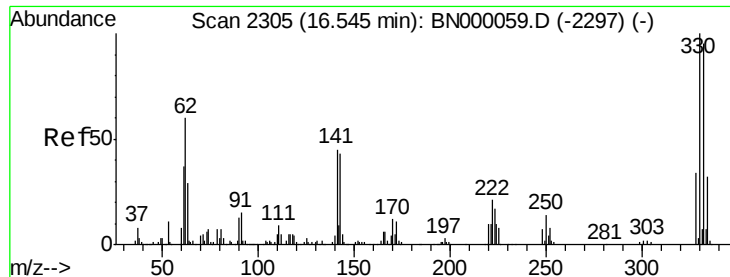


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

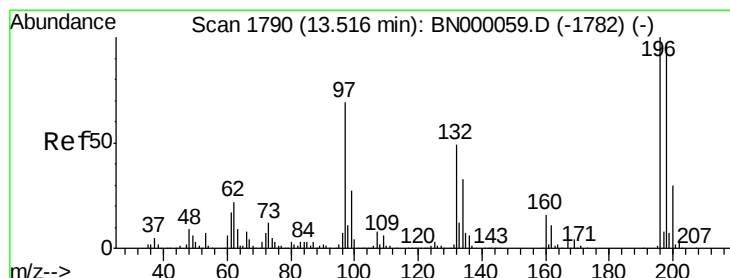
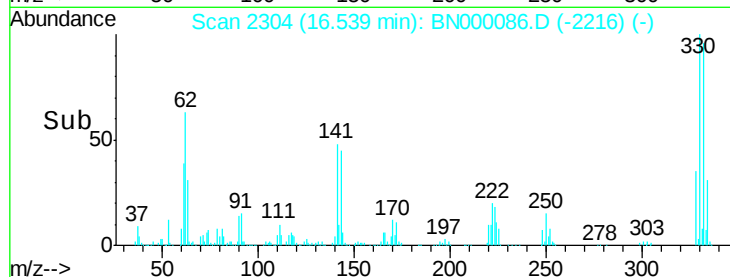
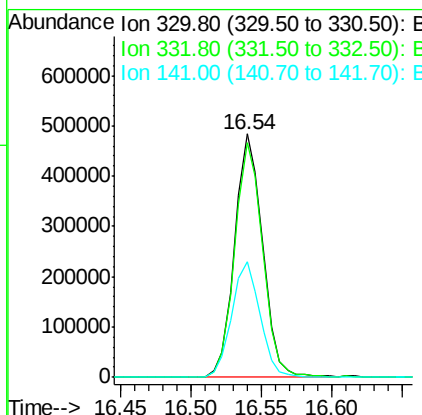
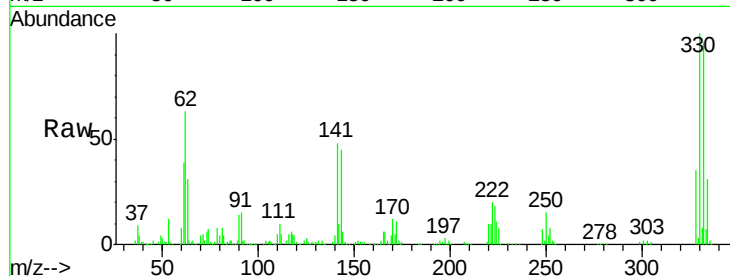




#41
 2,4,6-Tribromophenol
 Concen: 78.96 ng
 RT: 16.54 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BN000086.D
 Acq: 15 Feb 2018 08:57

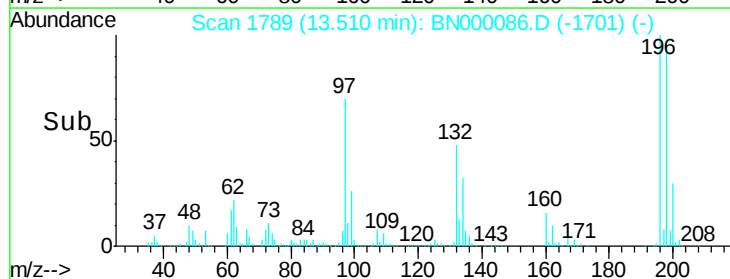
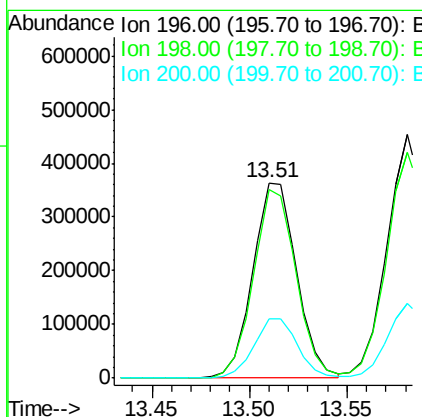
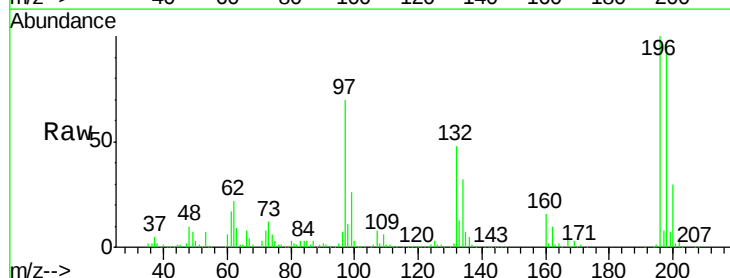
Instrument :
 BNA_N
 ClientSampleId :

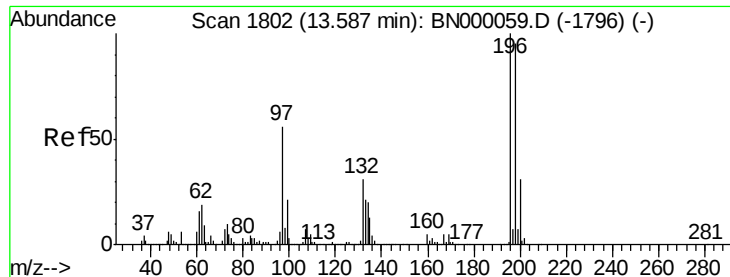
Tot Ion:330 Resp: 670297
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 48.8 25.2 37.8#



#42
 2,4,6-Trichlorophenol
 Concen: 37.10 ng
 RT: 13.51 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BN000086.D
 Acq: 15 Feb 2018 08:57

Tgt Ion:196 Resp: 562859
 Ion Ratio Lower Upper
 196 100
 198 96.6 78.2 117.2
 200 30.5 24.6 36.8

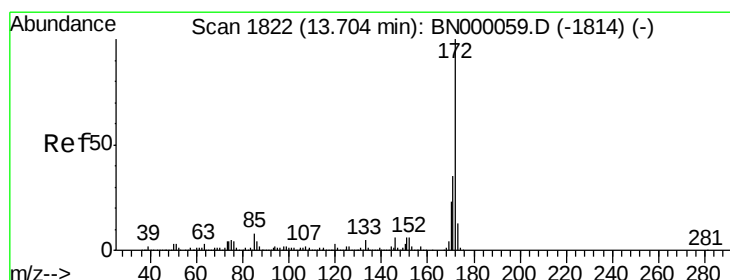
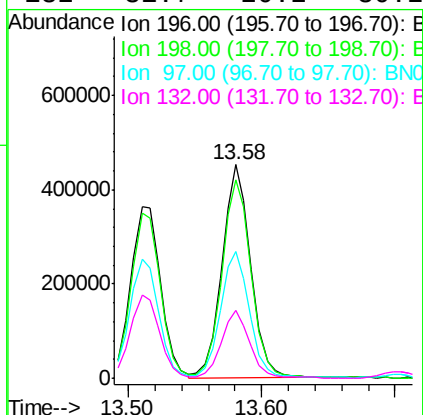
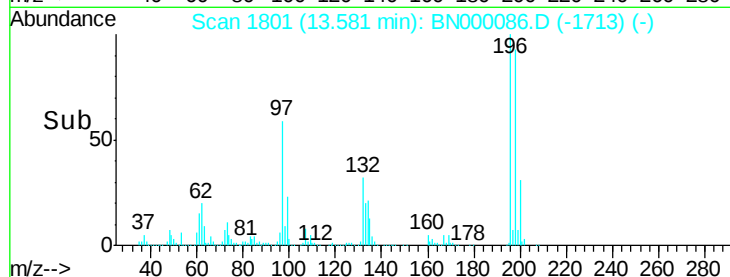
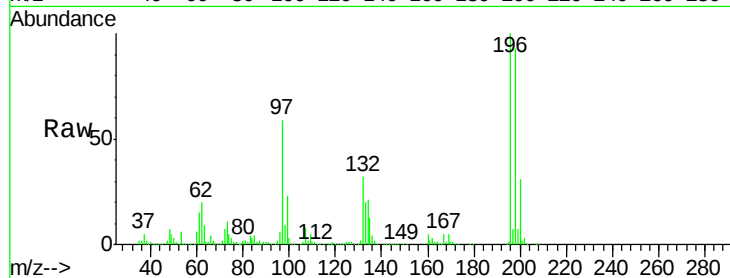




#43
2,4,5-Trichlorophenol
Concen: 37.15 ng
RT: 13.58 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BN000086.D
Acq: 15 Feb 2018 08:57

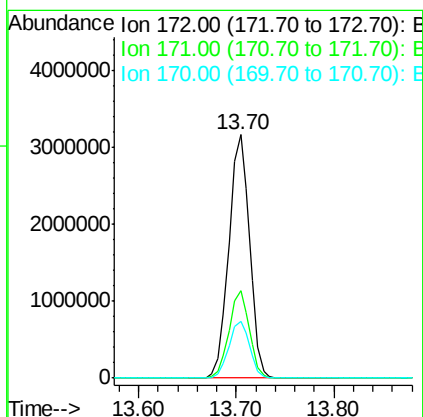
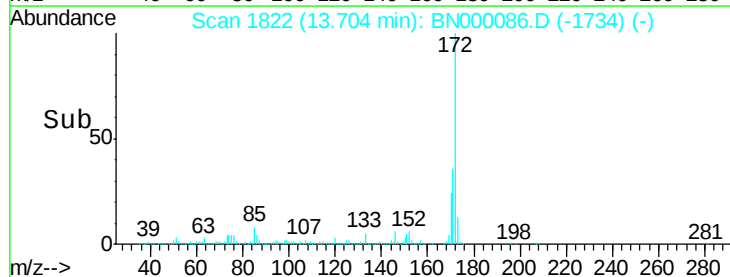
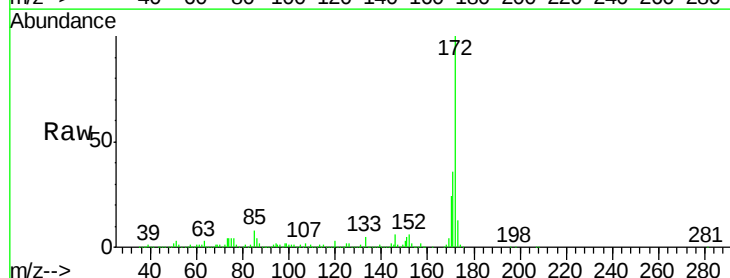
Instrument :
BNA_N
ClientSampleId :

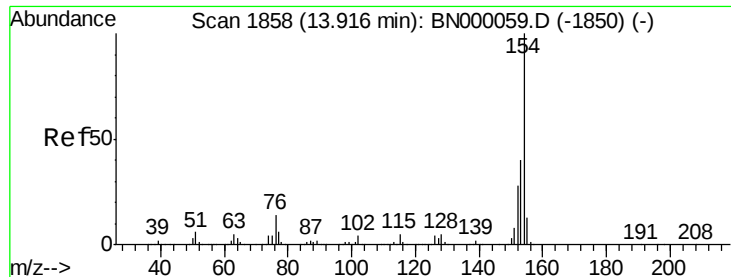
Tot Ion:196 Resp: 677671
Ion Ratio Lower Upper
196 100
198 92.7 76.2 114.4
97 59.4 38.7 58.1#
132 31.7 20.2 30.2#



#44
2-Fluorobiphenyl
Concen: 76.28 ng
RT: 13.70 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BN000086.D
Acq: 15 Feb 2018 08:57

Tgt Ion:172 Resp: 4641751
Ion Ratio Lower Upper
172 100
171 35.8 30.0 45.0
170 23.6 19.5 29.3

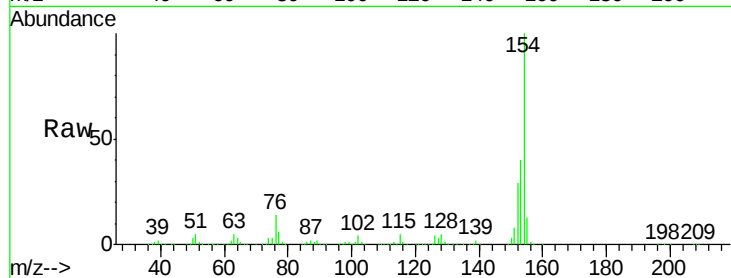




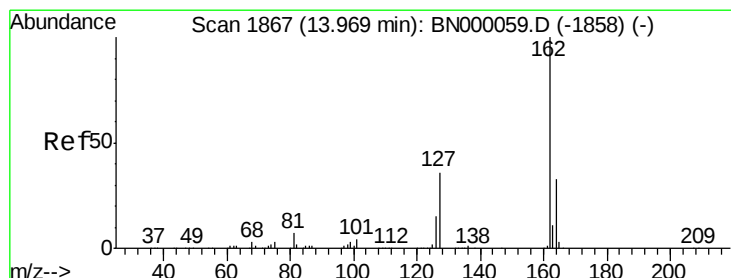
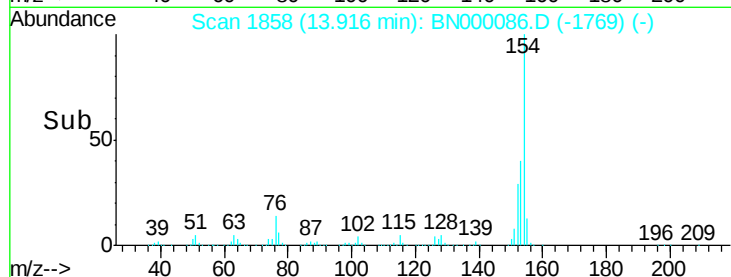
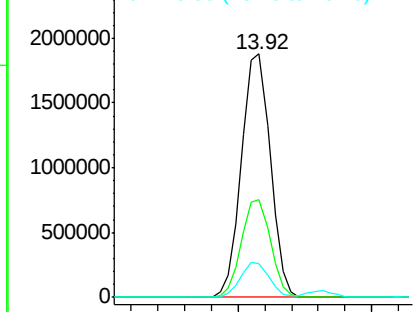
#45
 1,1'-Biphenyl
 Concen: 37.29 ng
 RT: 13.92 min Scan# 1858
 Delta R.T. -0.01 min
 Lab File: BN000086.D
 Acq: 15 Feb 2018 08:57

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:154 Resp: 2816604
 Ion Ratio Lower Upper
 154 100
 153 40.3 19.8 59.8
 76 13.8 0.0 31.9

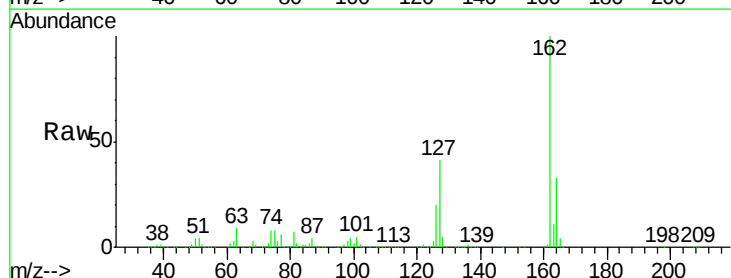


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BNC

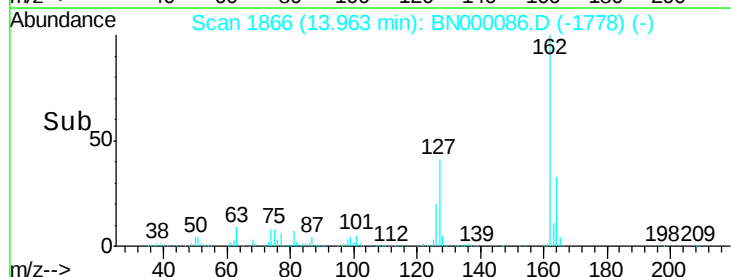
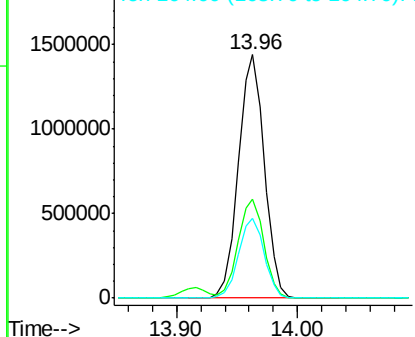


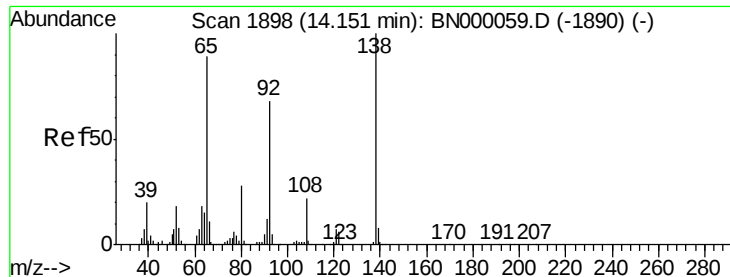
#46
 2-Chloronaphthalene
 Concen: 37.95 ng
 RT: 13.96 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BN000086.D
 Acq: 15 Feb 2018 08:57

Tgt Ion:162 Resp: 2151012
 Ion Ratio Lower Upper
 162 100
 127 40.7 30.7 46.1
 164 32.5 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: 36.61 ng

RT: 14.15 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BN000086.D

Acq: 15 Feb 2018 08:57

Instrument :

BNA_N

ClientSampleId :

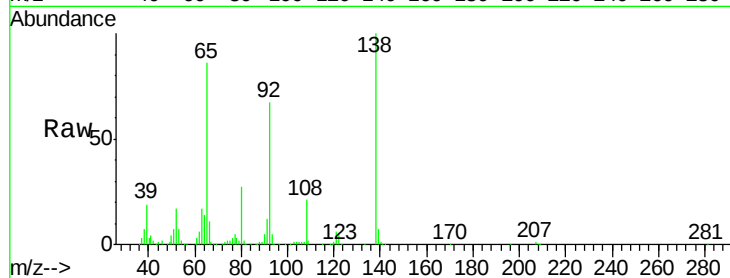
Tot Ion: 65 Resp: 587166

Ion Ratio Lower Upper

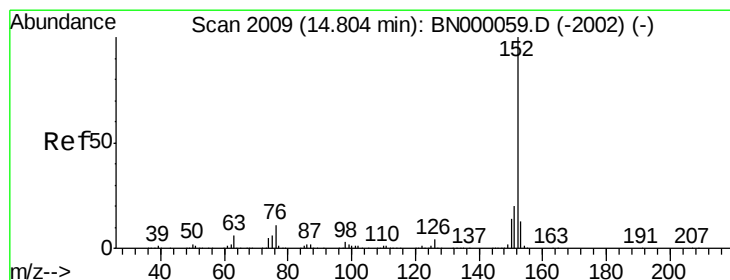
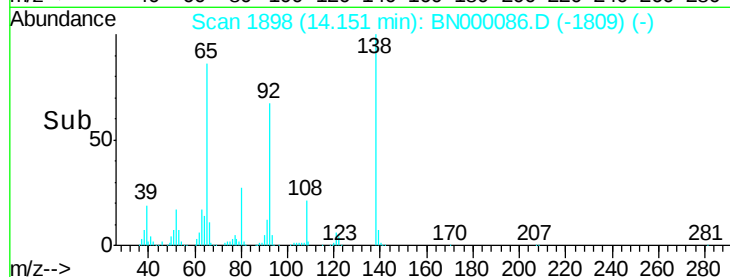
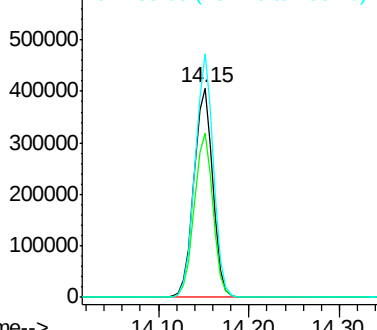
65 100

92 78.4 54.6 82.0

138 116.2 72.9 109.3#



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



#48

Acenaphthylene

Concen: 39.12 ng

RT: 14.80 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BN000086.D

Acq: 15 Feb 2018 08:57

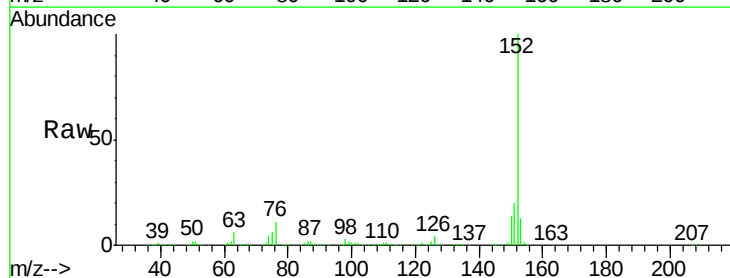
Tgt Ion: 152 Resp: 3572339

Ion Ratio Lower Upper

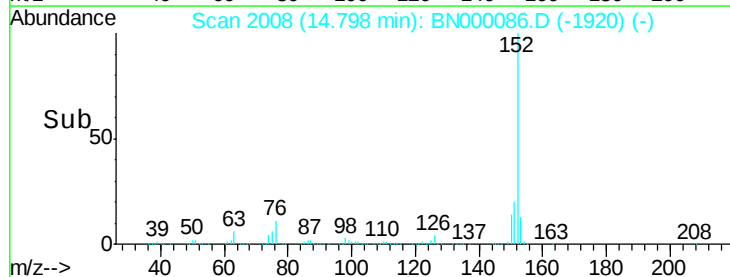
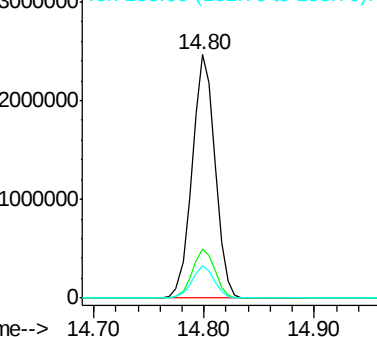
152 100

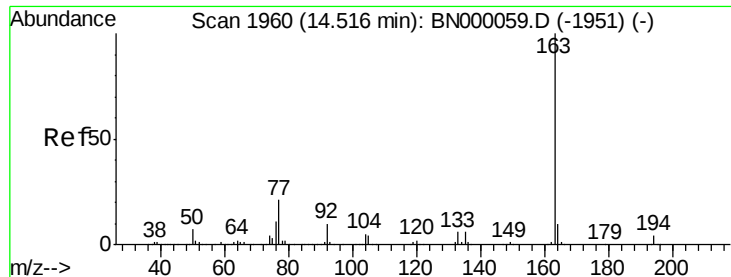
151 20.0 17.2 25.8

153 13.2 10.2 15.4



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





#49

Dimethylphthalate

Concen: 38.77 ng

RT: 14.51 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BN000086.D

Acq: 15 Feb 2018 08:57

Instrument :

BNA_N

ClientSampled :

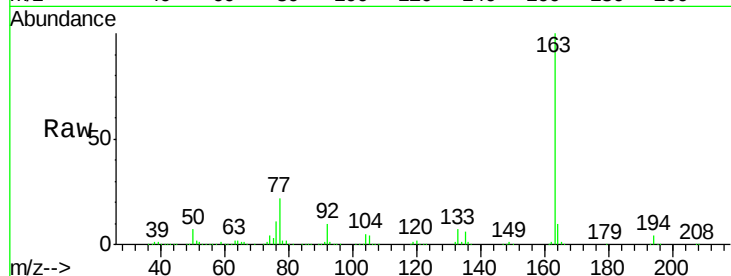
Tot Ion:163 Resp: 2779527

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

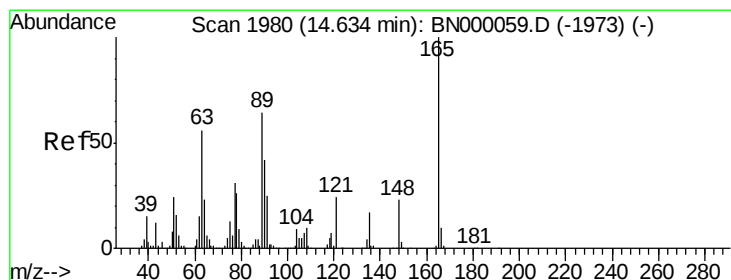
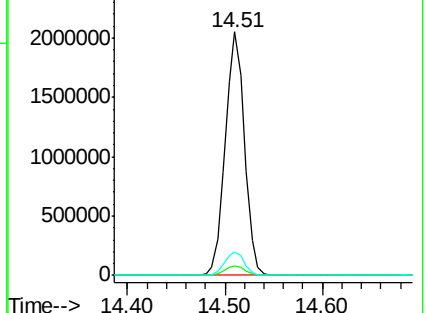
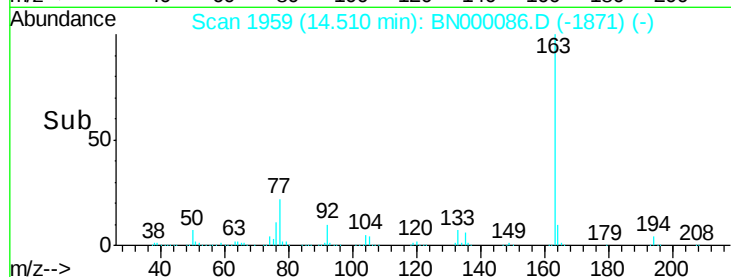
164 9.8 8.2 12.4



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: 38.58 ng

RT: 14.63 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BN000086.D

Acq: 15 Feb 2018 08:57

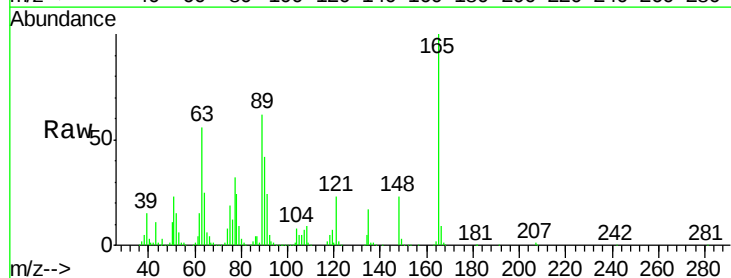
Tgt Ion:165 Resp: 571069

Ion Ratio Lower Upper

165 100

63 55.5 52.7 79.1

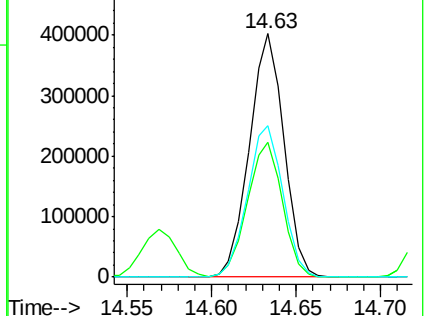
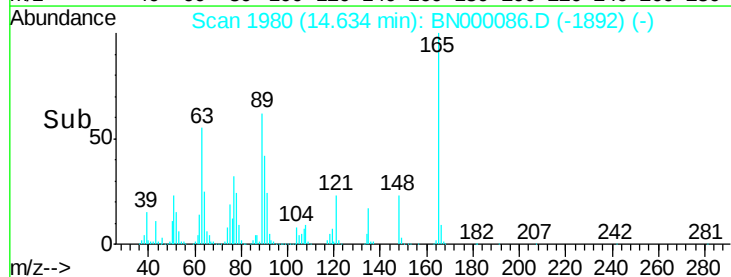
89 62.0 49.2 73.8

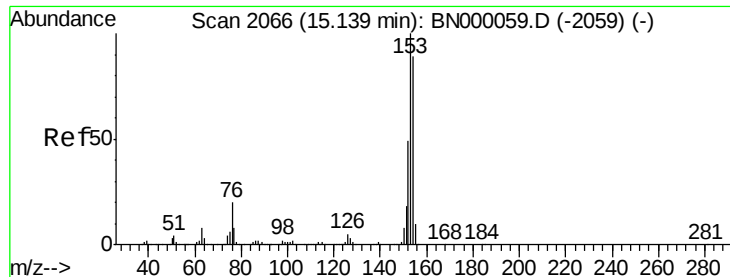


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#51

Acenaphthene

Concen: 38.32 ng

RT: 15.13 min Scan# 2065

Delta R.T. -0.01 min

Lab File: BN000086.D

Acq: 15 Feb 2018 08:57

Instrument :

BNA_N

ClientSampleId :

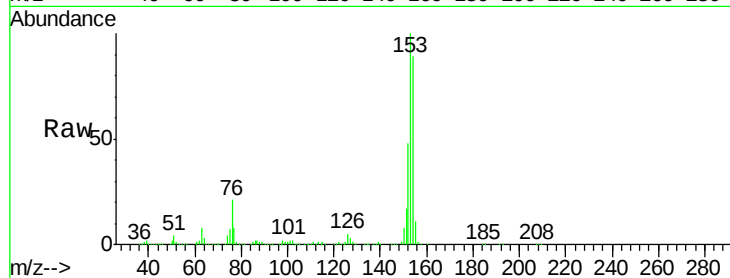
Tot Ion:154 Resp: 2277461

Ion Ratio Lower Upper

154 100

153 112.2 90.4 135.6

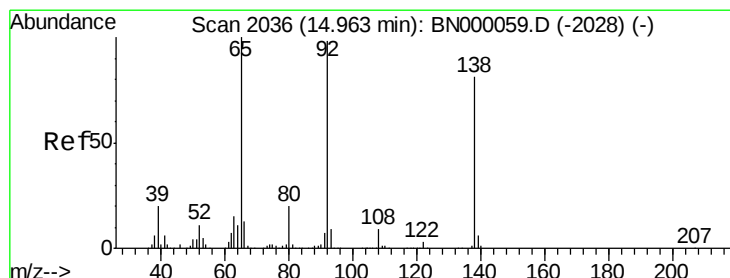
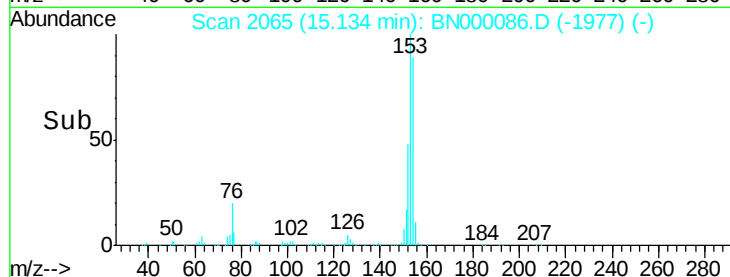
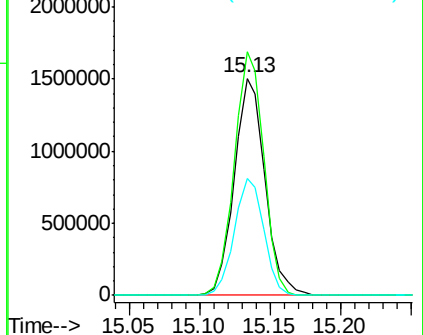
152 54.0 41.6 62.4



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: 40.48 ng

RT: 14.96 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BN000086.D

Acq: 15 Feb 2018 08:57

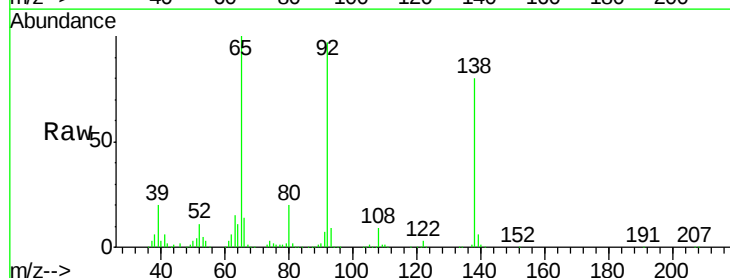
Tgt Ion:138 Resp: 728227

Ion Ratio Lower Upper

138 100

108 11.3 17.5 26.3#

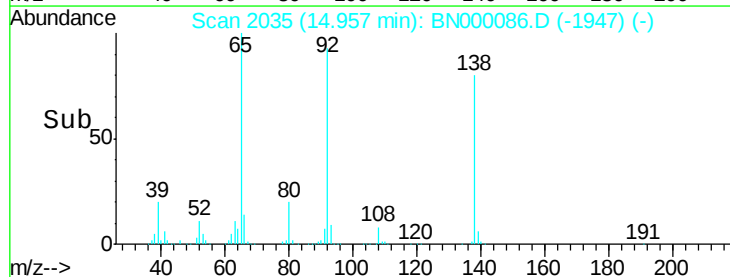
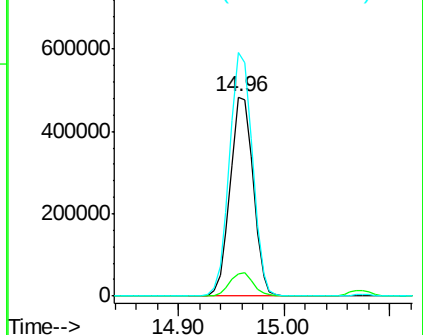
92 122.2 105.8 158.8

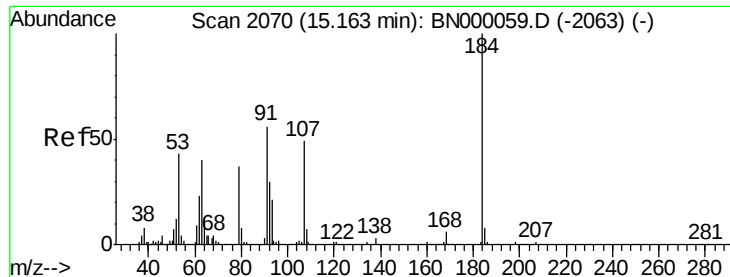


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC

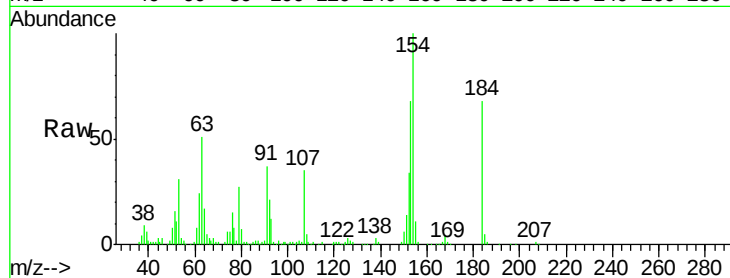




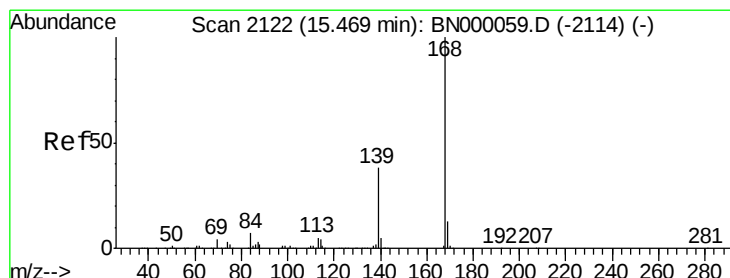
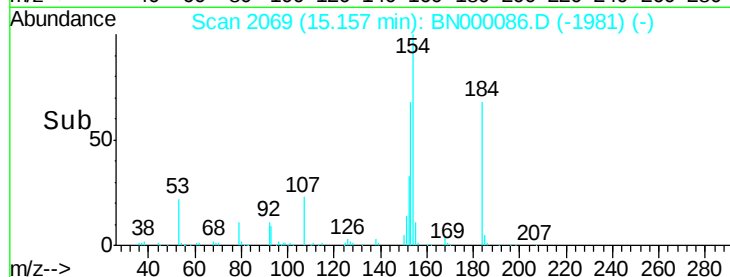
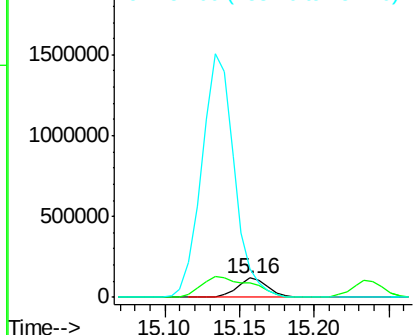
#53
2,4-Dinitrophenol
Concen: 37.34 ng
RT: 15.16 min Scan# 2069
Delta R.T. -0.01 min
Lab File: BN000086.D
Acq: 15 Feb 2018 08:57

Instrument :
BNA_N
ClientSampleId :

Tot Ion:184 Resp: 166842
Ion Ratio Lower Upper
184 100
63 74.8 80.0 120.0#
154 146.3 308.0 462.0#

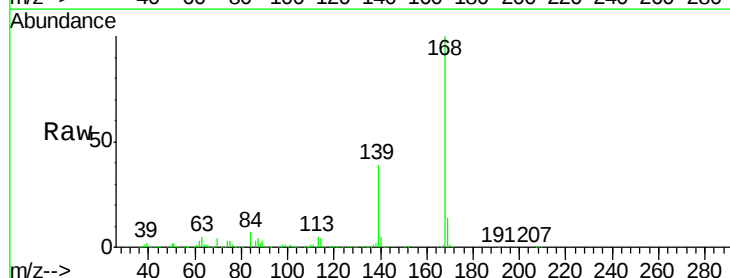


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BNO
Ion 154.00 (153.70 to 154.70): E

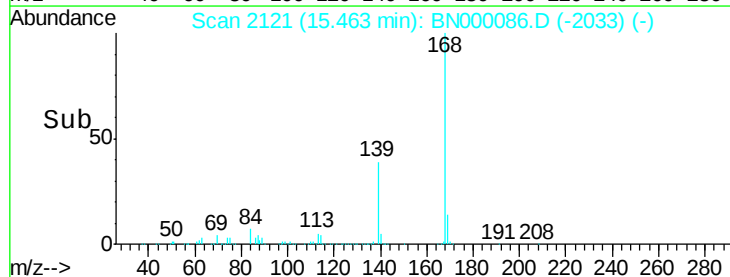
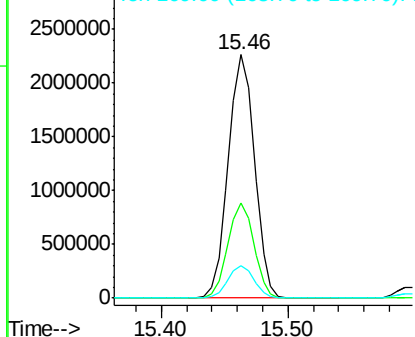


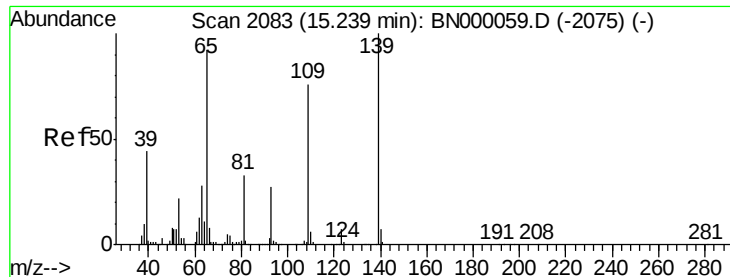
#54
Dibenzofuran
Concen: 38.48 ng
RT: 15.46 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BN000086.D
Acq: 15 Feb 2018 08:57

Tgt Ion:168 Resp: 3238954
Ion Ratio Lower Upper
168 100
139 39.2 28.6 43.0
169 13.6 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: 39.83 ng

RT: 15.23 min Scan# 2082

Delta R.T. -0.01 min

Lab File: BN000086.D

Acq: 15 Feb 2018 08:57

Instrument :

BNA_N

ClientSampled :

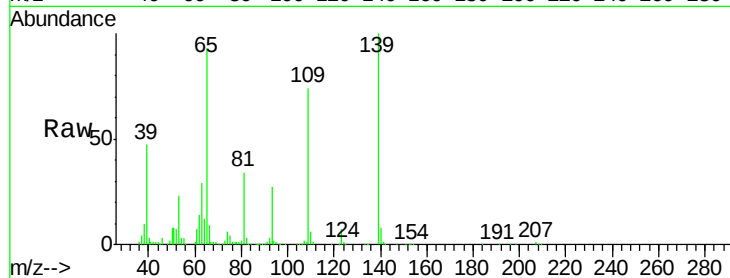
Tot Ion:139 Resp: 547902

Ion Ratio Lower Upper

139 100

109 74.3 62.2 102.2

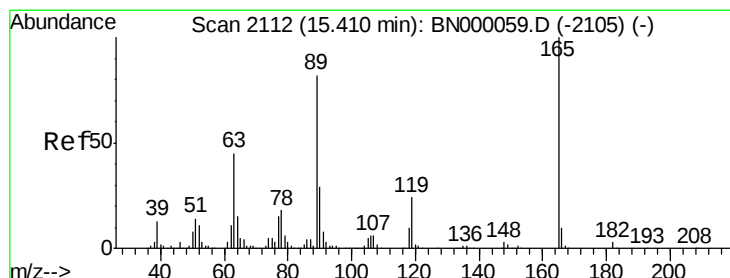
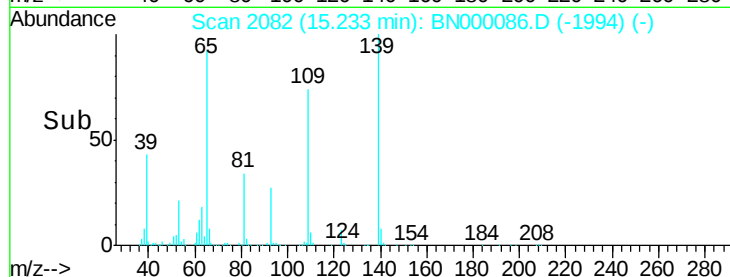
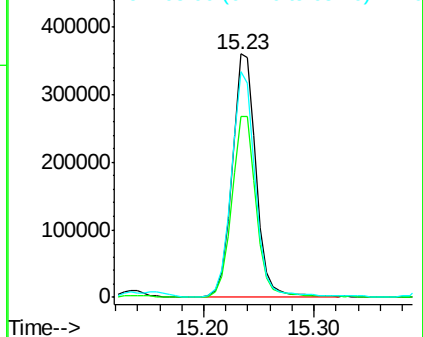
65 92.6 97.2 137.2#



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: 38.08 ng

RT: 15.41 min Scan# 2112

Delta R.T. -0.01 min

Lab File: BN000086.D

Acq: 15 Feb 2018 08:57

Tgt Ion:165 Resp: 786693

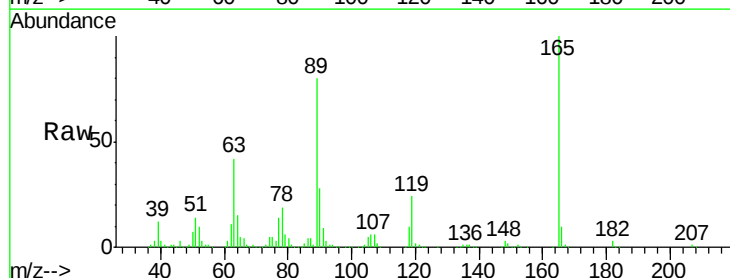
Ion Ratio Lower Upper

165 100

63 42.2 42.0 63.0

89 79.7 66.9 100.3

182 2.8 2.6 3.8

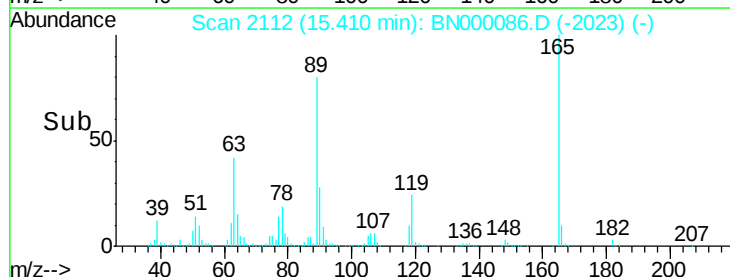
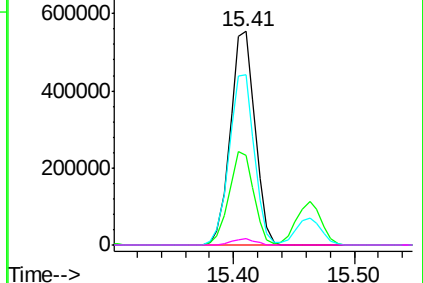


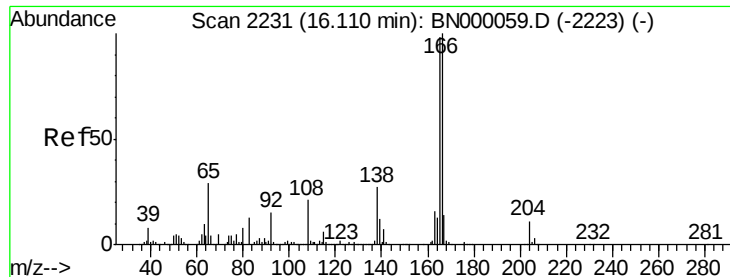
Abundance Ion 165.00 (164.70 to 165.70): E

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

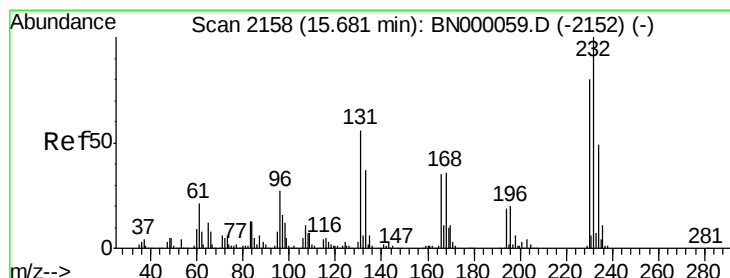
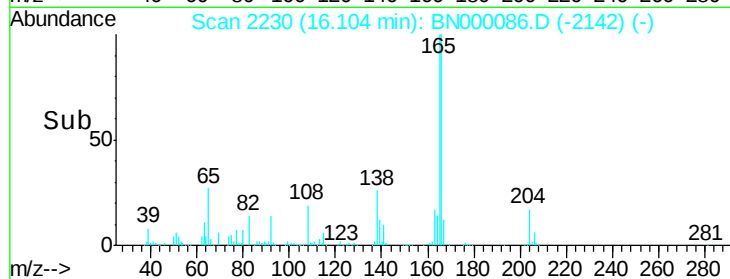
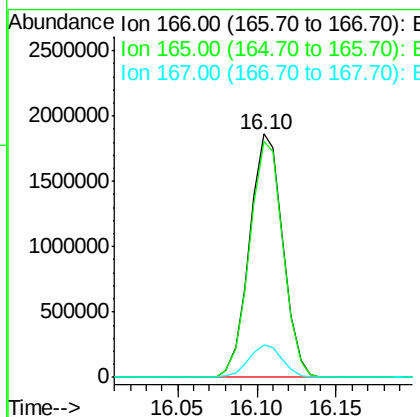
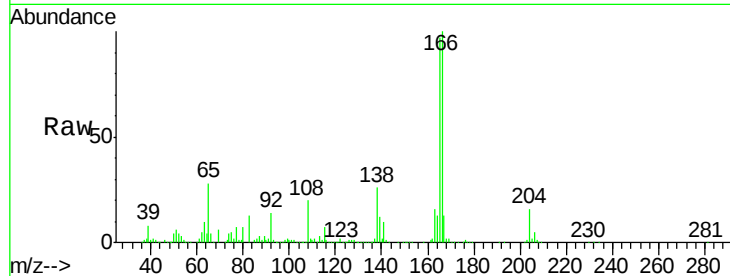




#57
 Fluorene
 Concen: 39.53 ng
 RT: 16.10 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BN000086.D
 Acq: 15 Feb 2018 08:57

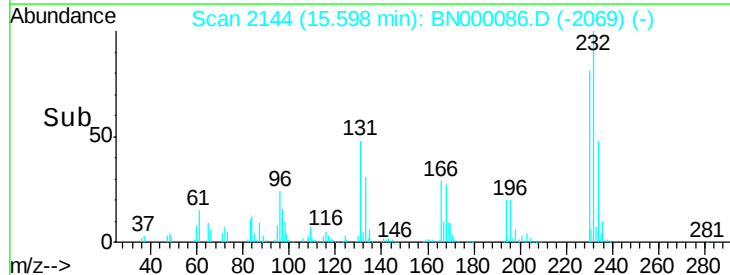
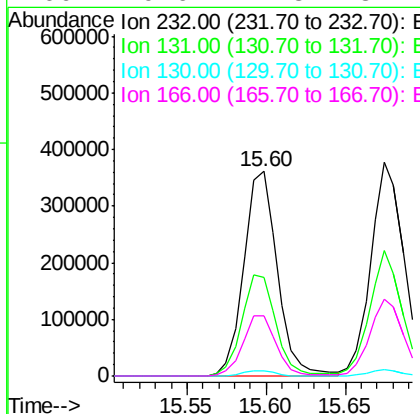
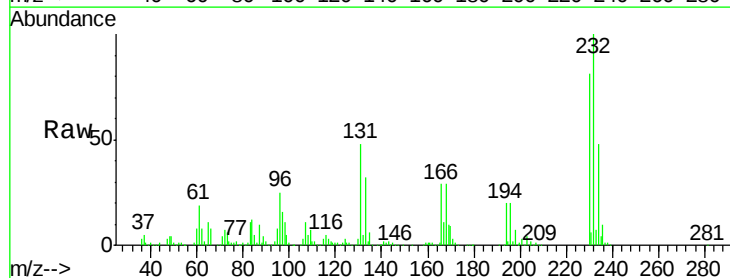
Instrument :
 BNA_N
 ClientSampleId :

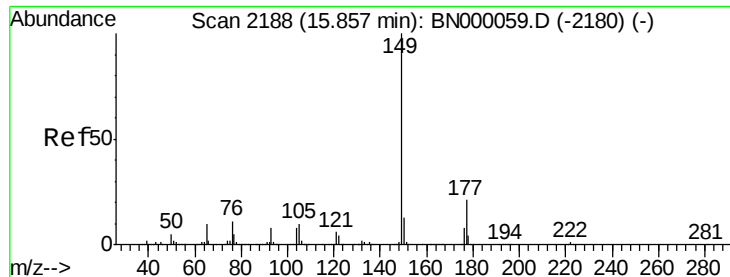
Tot Ion:166 Resp: 2717354
 Ion Ratio Lower Upper
 166 100
 165 97.0 80.6 121.0
 167 13.2 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.96 ng
 RT: 15.60 min Scan# 2144
 Delta R.T. -0.09 min
 Lab File: BN000086.D
 Acq: 15 Feb 2018 08:57

Tgt Ion:232 Resp: 531982
 Ion Ratio Lower Upper
 232 100
 131 50.1 33.5 50.3
 130 2.8 2.2 3.2
 166 29.6 24.8 37.2

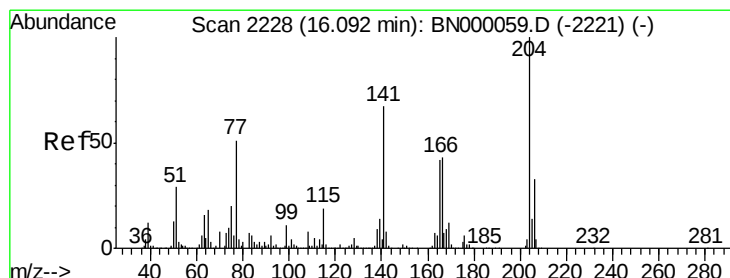
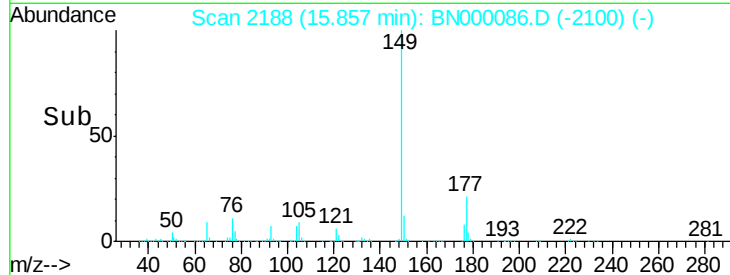
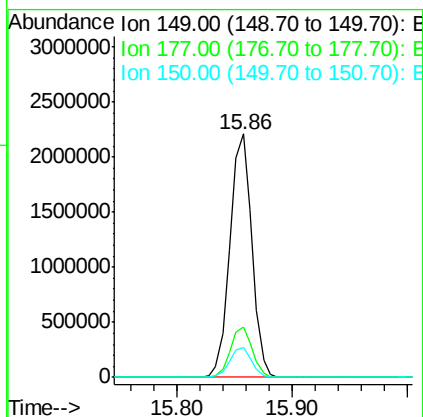
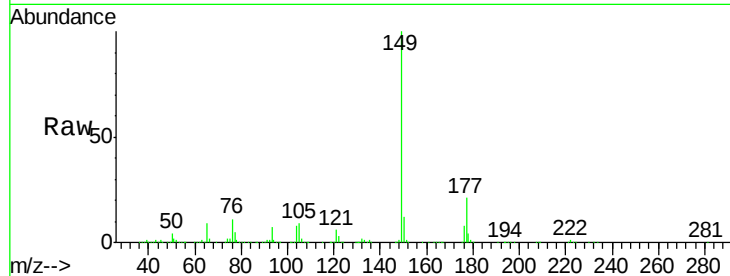




#59
Diethylphthalate
Concen: 39.75 ng
RT: 15.86 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BN000086.D
Acq: 15 Feb 2018 08:57

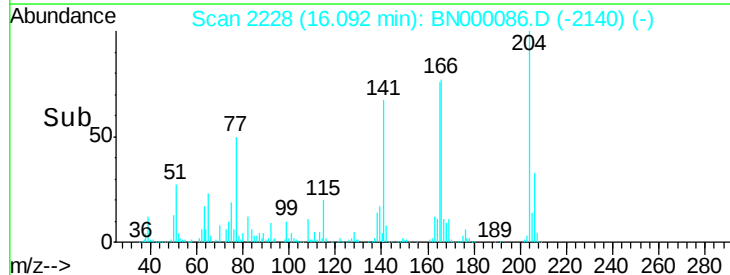
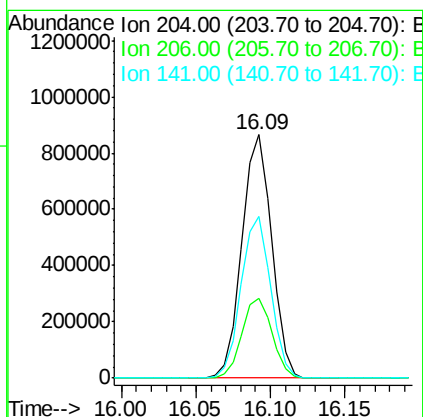
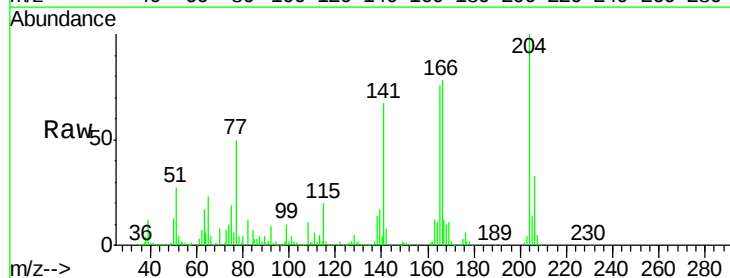
Instrument :
BNA_N
ClientSampled :

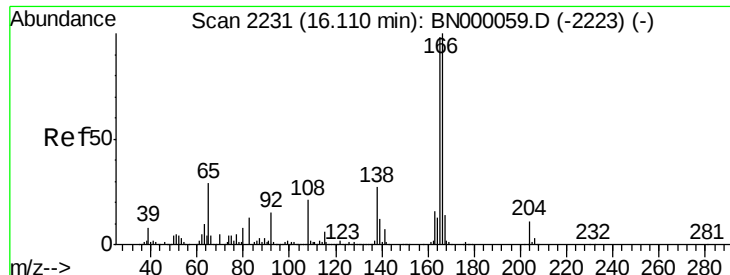
Tot Ion:149 Resp: 2895985
Ion Ratio Lower Upper
149 100
177 20.6 18.5 27.7
150 12.3 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 38.09 ng
RT: 16.09 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BN000086.D
Acq: 15 Feb 2018 08:57

Tgt Ion:204 Resp: 1192975
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.2
141 66.6 45.8 68.6

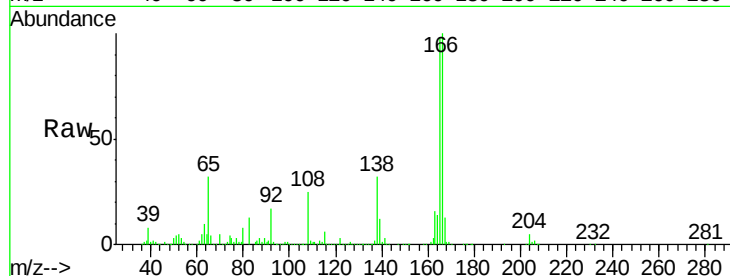




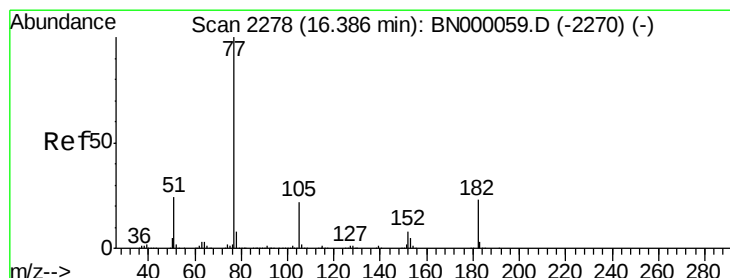
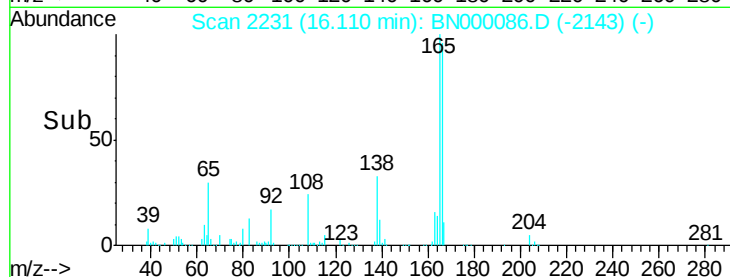
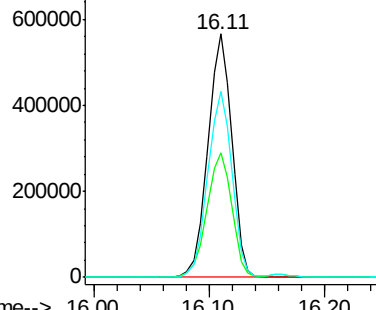
#61
4-Nitroaniline
Concen: 44.05 ng
RT: 16.11 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BN000086.D
Acq: 15 Feb 2018 08:57

Instrument :
BNA_N
ClientSampleId :

Tot Ion:138 Resp: 814321
Ion Ratio Lower Upper
138 100
92 51.2 40.1 80.1
108 76.3 65.4 105.4

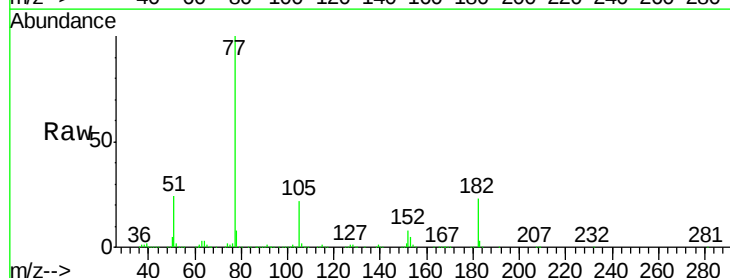


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BNC
Ion 108.00 (107.70 to 108.70): E

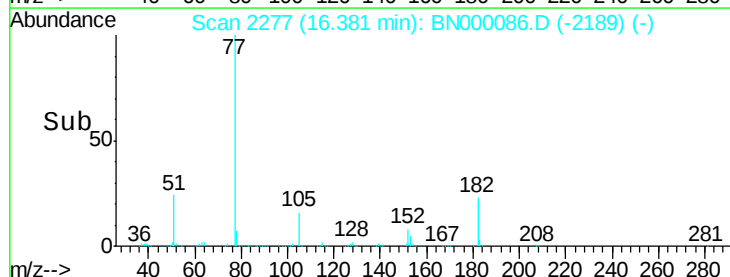
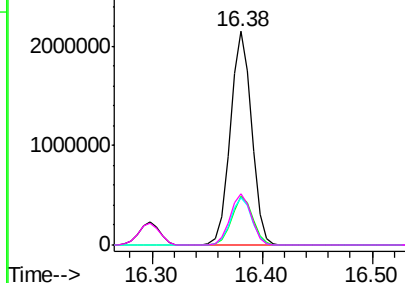


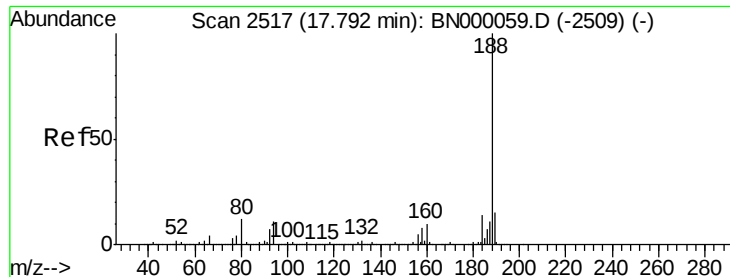
#62
Azobenzene
Concen: 39.76 ng
RT: 16.38 min Scan# 2277
Delta R.T. -0.01 min
Lab File: BN000086.D
Acq: 15 Feb 2018 08:57

Tgt Ion: 77 Resp: 2883462
Ion Ratio Lower Upper
77 100
182 22.6 7.4 47.4
105 22.3 0.3 40.3
51 24.1 11.6 51.6



Abundance Ion 77.00 (76.70 to 77.70): BNC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BNC

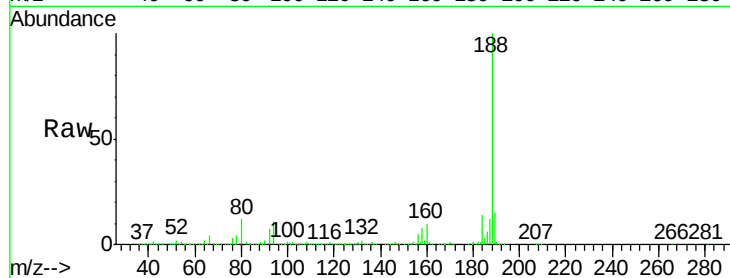




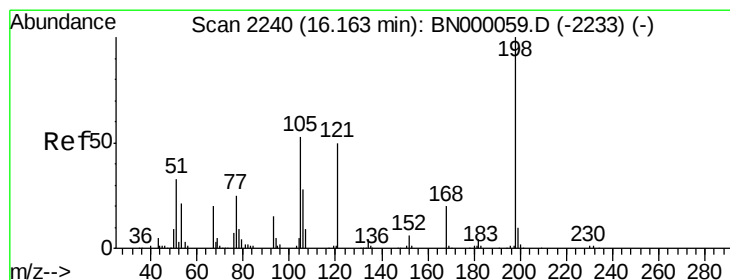
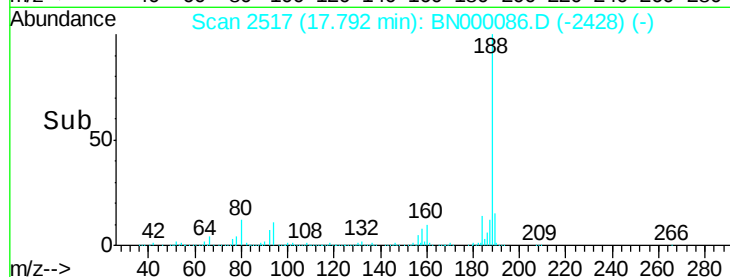
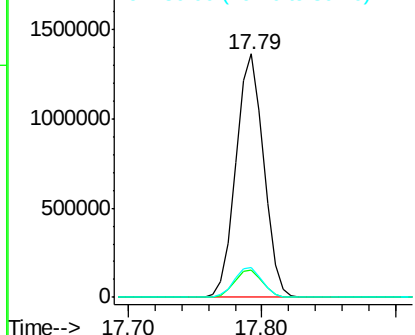
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.79 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BN000086.D
Acq: 15 Feb 2018 08:57

Instrument :
BNA_N
ClientSampleId :

Tot Ion:188 Resp: 1964262
Ion Ratio Lower Upper
188 100
94 11.1 6.9 10.3#
80 12.1 7.7 11.5#

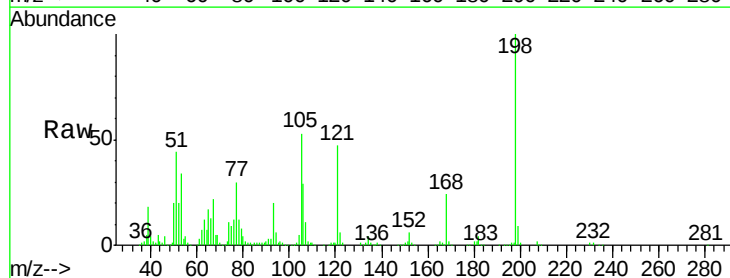


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

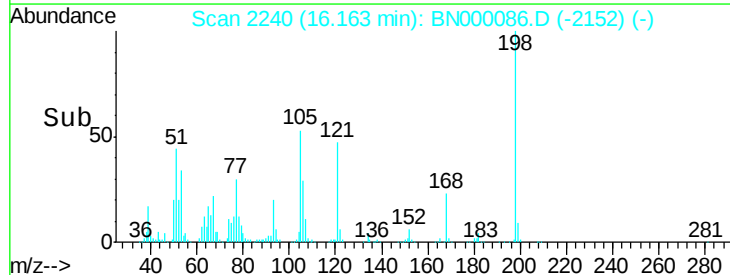
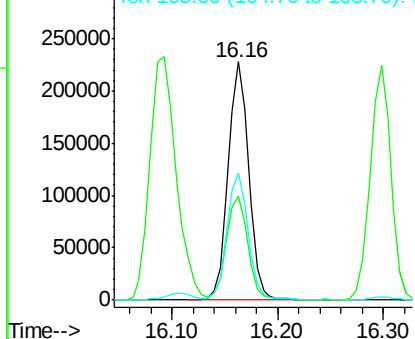


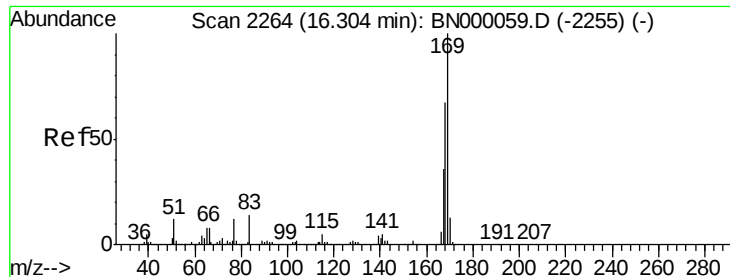
#64
4,6-Dinitro-2-methylphenol
Concen: 35.74 ng
RT: 16.16 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BN000086.D
Acq: 15 Feb 2018 08:57

Tgt Ion:198 Resp: 307170
Ion Ratio Lower Upper
198 100
51 43.9 30.6 70.6
105 53.3 23.8 63.8



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





#65

n-Nitrosodiphenylamine

Concen: 37.61 ng

RT: 16.30 min Scan# 2263

Delta R.T. -0.01 min

Lab File: BN000086.D

Acq: 15 Feb 2018 08:57

Instrument :

BNA_N

ClientSampled :

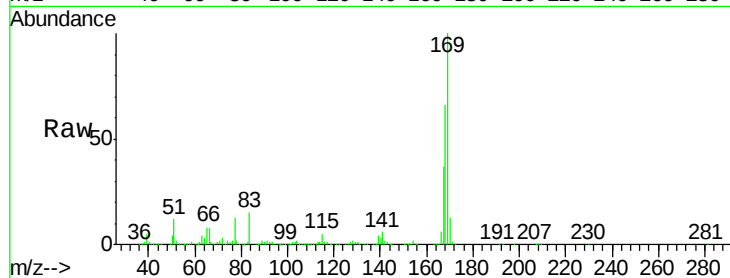
Tot Ion:169 Resp: 2404084

Ion Ratio Lower Upper

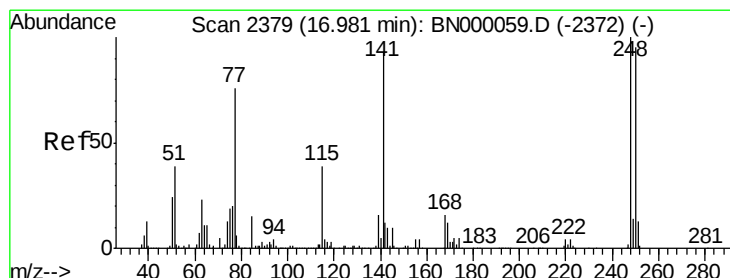
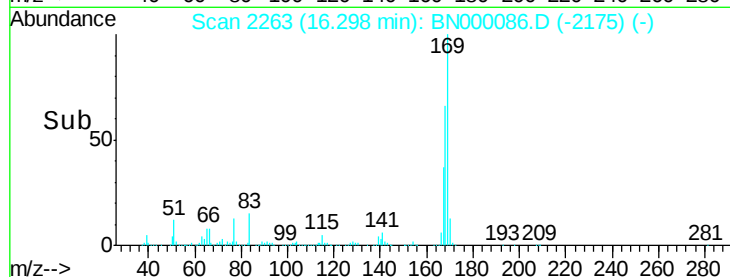
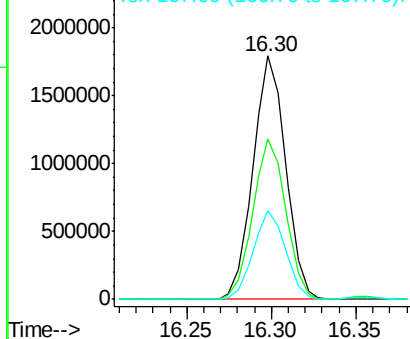
169 100

168 65.7 55.7 83.5

167 36.7 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 36.19 ng

RT: 16.98 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BN000086.D

Acq: 15 Feb 2018 08:57

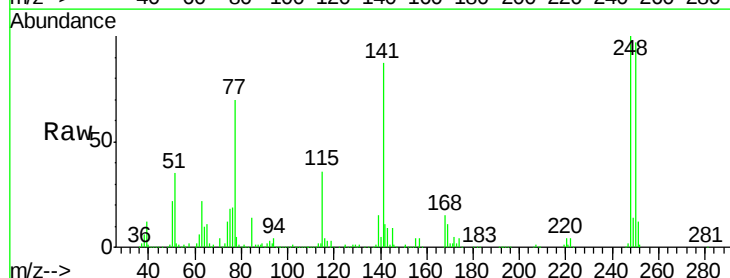
Tgt Ion:248 Resp: 675911

Ion Ratio Lower Upper

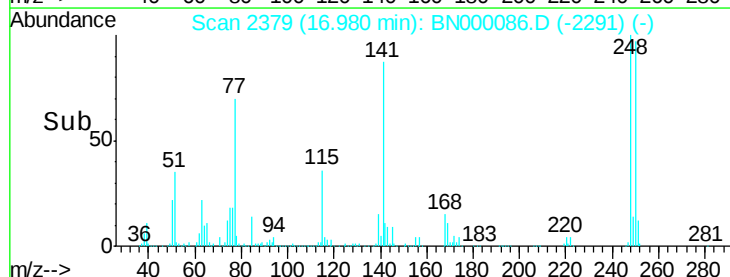
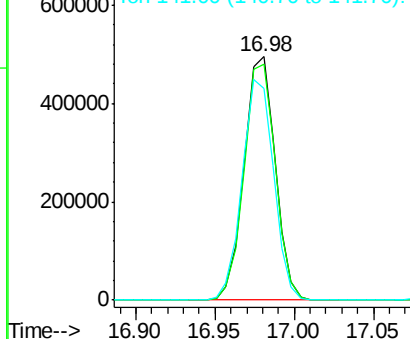
248 100

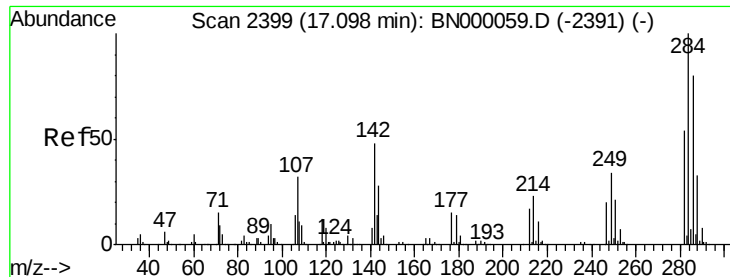
250 97.0 77.1 115.7

141 86.8 50.8 76.2#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

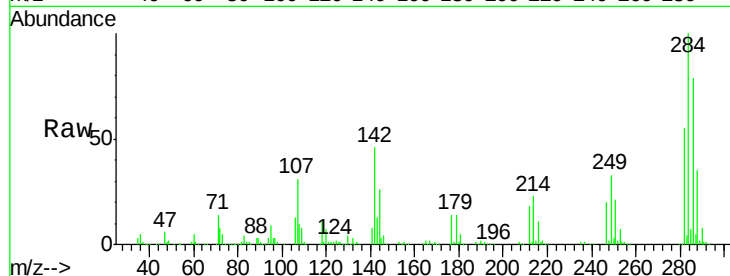




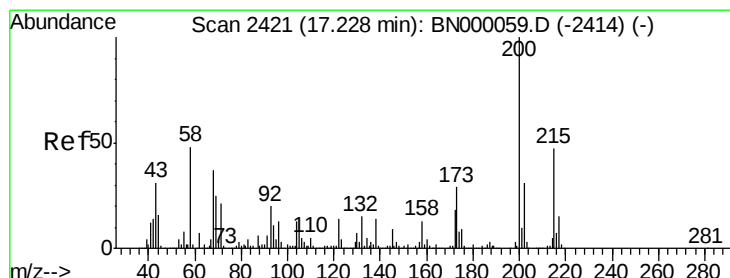
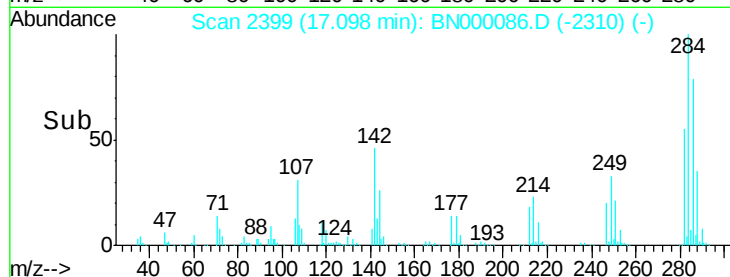
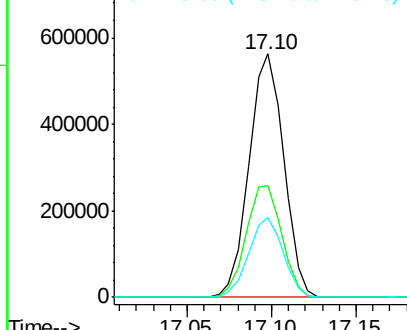
#67
Hexachlorobenzene
Concen: 36.92 ng
RT: 17.10 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BN000086.D
Acq: 15 Feb 2018 08:57

Instrument :
BNA_N
ClientSampled :

Tot Ion:284 Resp: 805479
Ion Ratio Lower Upper
284 100
142 45.9 26.8 40.2#
249 32.6 26.3 39.5

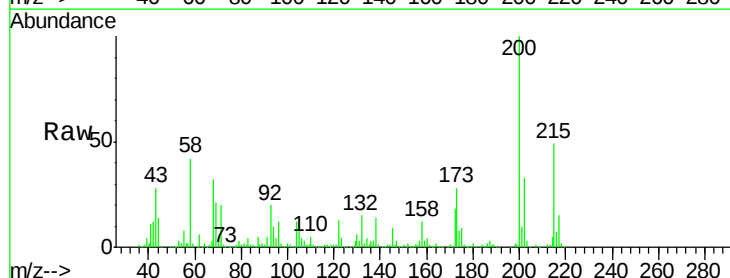


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

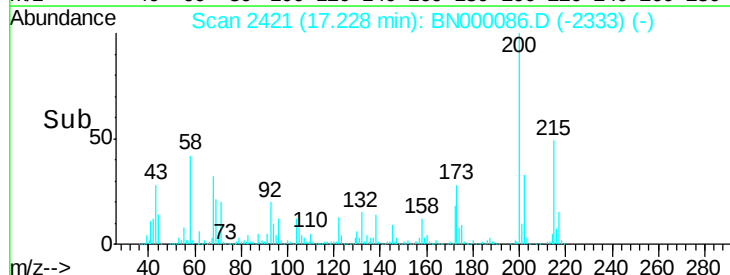
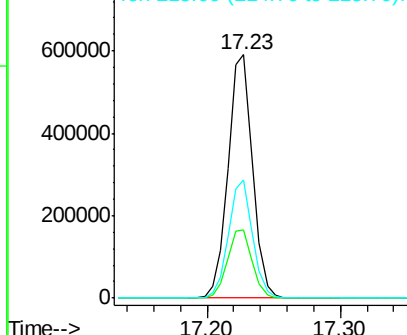


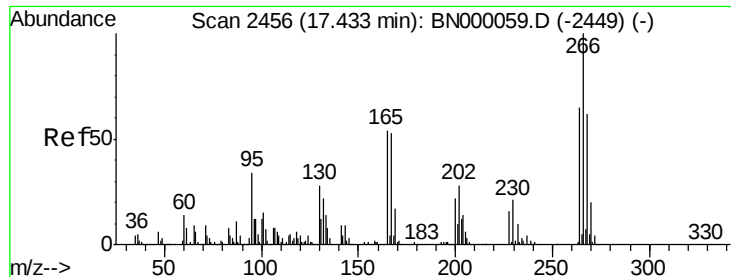
#68
Atrazine
Concen: 36.69 ng
RT: 17.23 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BN000086.D
Acq: 15 Feb 2018 08:57

Tgt Ion:200 Resp: 763147
Ion Ratio Lower Upper
200 100
173 27.8 5.2 45.2
215 48.6 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

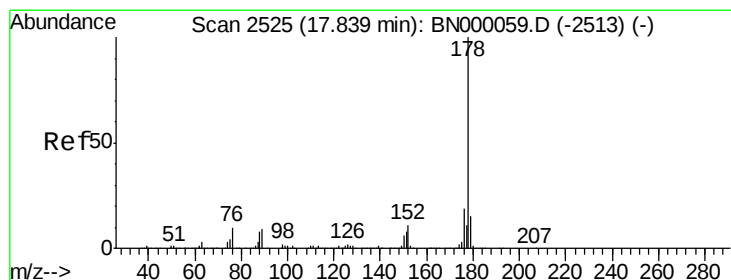
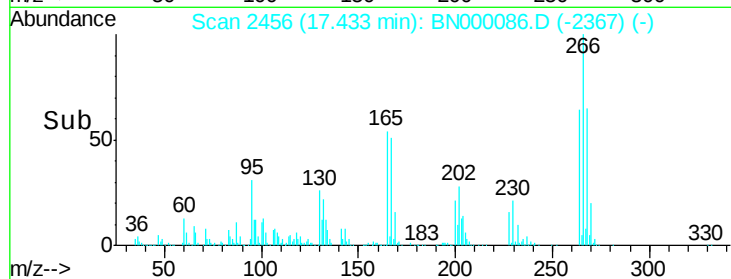
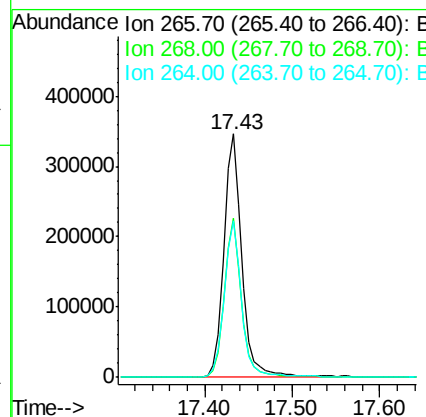
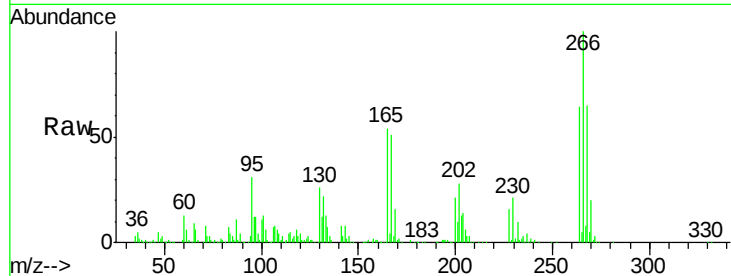




#69
 Pentachlorophenol
 Concen: 36.48 ng
 RT: 17.43 min Scan# 2456
 Delta R.T. -0.01 min
 Lab File: BN000086.D
 Acq: 15 Feb 2018 08:57

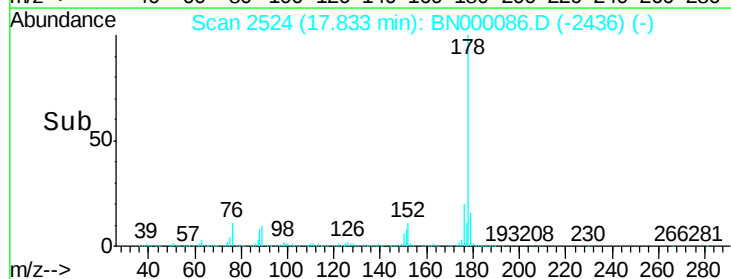
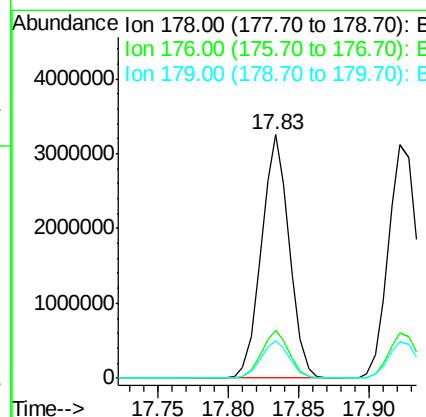
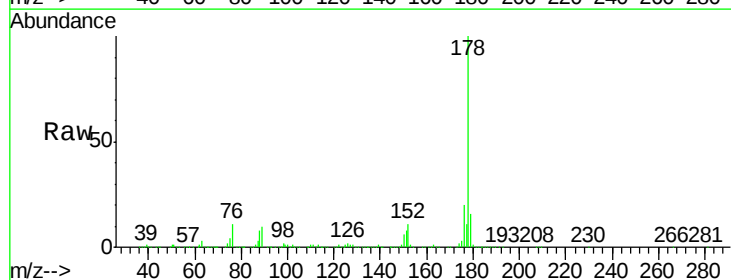
Instrument :
 BNA_N
 ClientSampled :

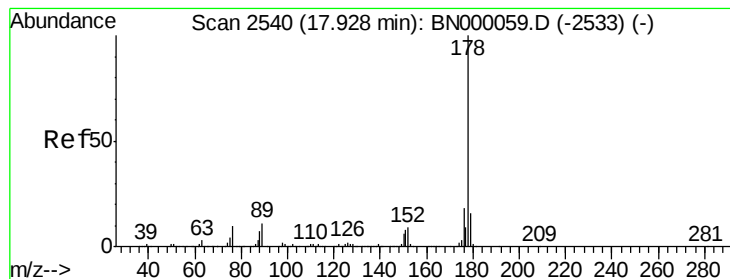
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.2	51.1	76.7
264	64.1	49.6	74.4



#70
 Phenanthrene
 Concen: 38.84 ng
 RT: 17.83 min Scan# 2524
 Delta R.T. -0.01 min
 Lab File: BN000086.D
 Acq: 15 Feb 2018 08:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	15.6	12.5	18.7





#71

Anthracene

Concen: 40.02 ng

RT: 17.92 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BN000086.D

Acq: 15 Feb 2018 08:57

Instrument :

BNA_N

ClientSampleId :

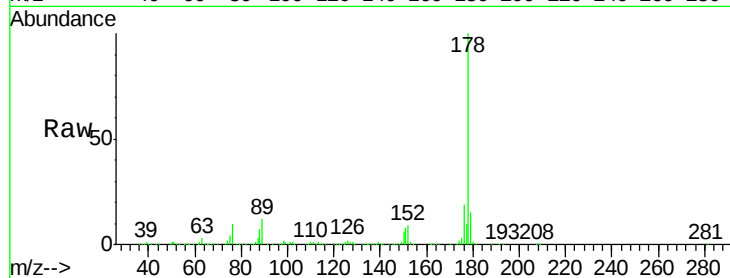
Tot Ion:178 Resp: 4495730

Ion Ratio Lower Upper

178 100

176 19.2 16.0 24.0

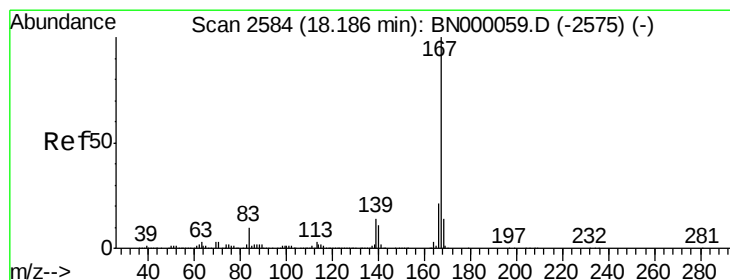
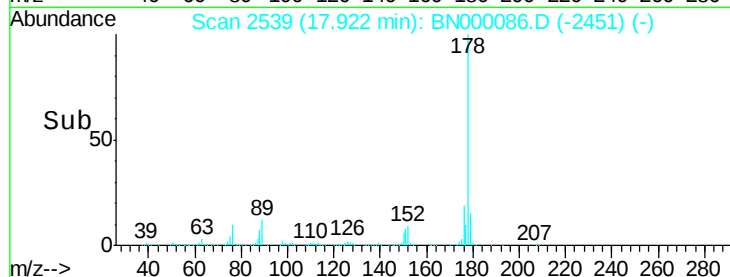
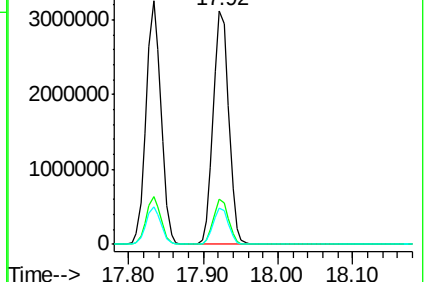
179 15.4 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.73 ng

RT: 18.18 min Scan# 2583

Delta R.T. -0.01 min

Lab File: BN000086.D

Acq: 15 Feb 2018 08:57

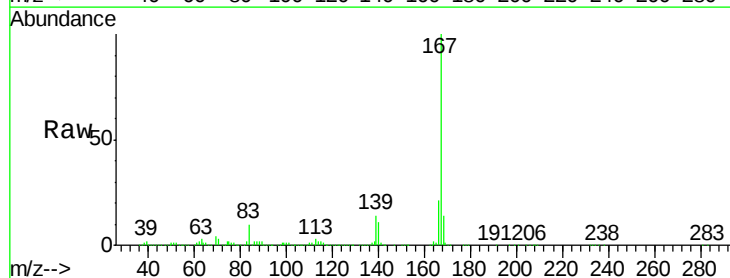
Tgt Ion:167 Resp: 4722643

Ion Ratio Lower Upper

167 100

166 21.2 18.2 27.4

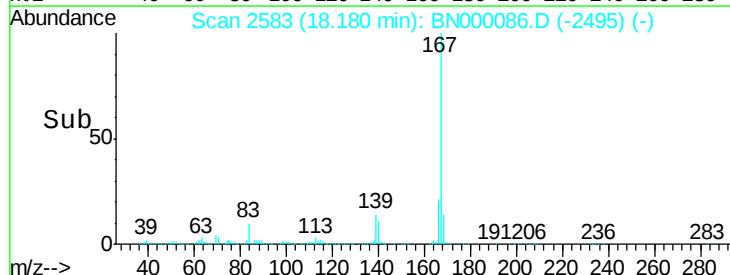
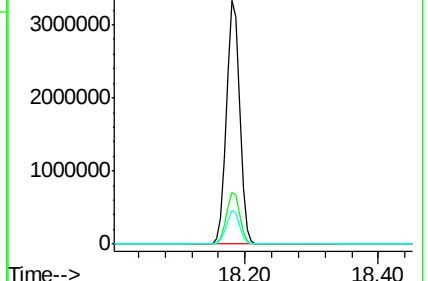
139 13.8 9.4 14.2

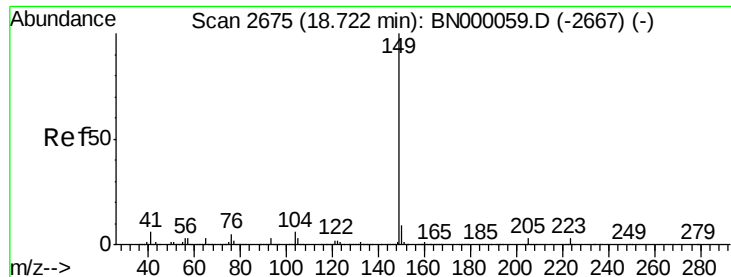


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.65 ng

RT: 18.72 min Scan# 2674

Delta R.T. -0.01 min

Lab File: BN000086.D

Acq: 15 Feb 2018 08:57

Instrument :

BNA_N

ClientSampled :

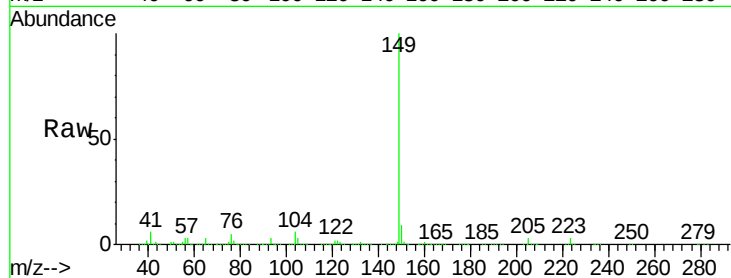
Tot Ion:149 Resp: 5078458

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

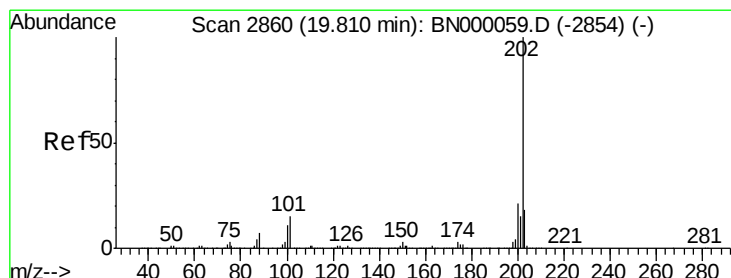
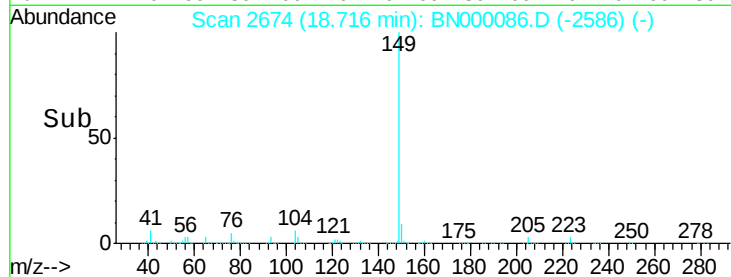
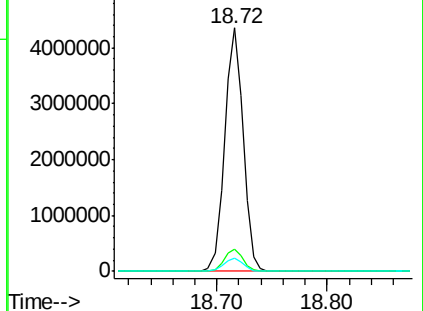
104 5.6 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.65 ng

RT: 19.81 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BN000086.D

Acq: 15 Feb 2018 08:57

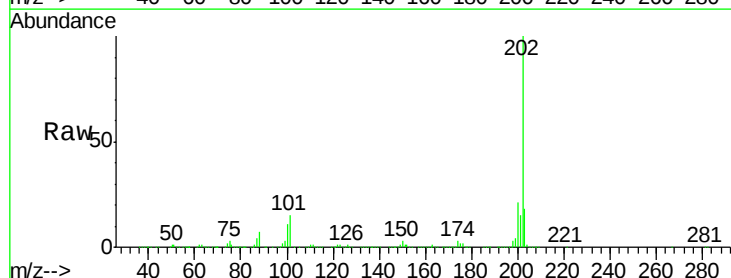
Tgt Ion:202 Resp: 5313704

Ion Ratio Lower Upper

202 100

101 14.6 0.0 28.9

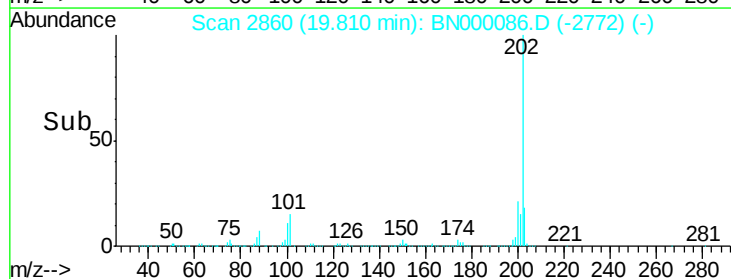
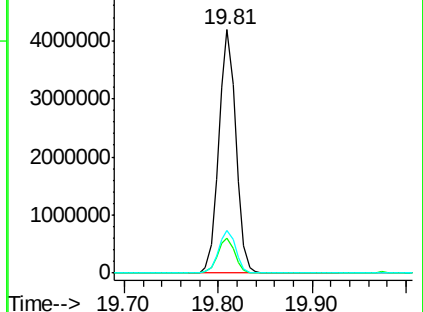
203 17.7 0.0 37.5

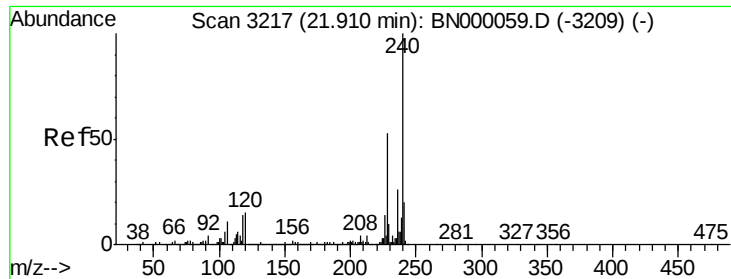


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.91 min Scan# 3217

Delta R.T. -0.01 min

Lab File: BN000086.D

Acq: 15 Feb 2018 08:57

Instrument :

BNA_N

ClientSampleId :

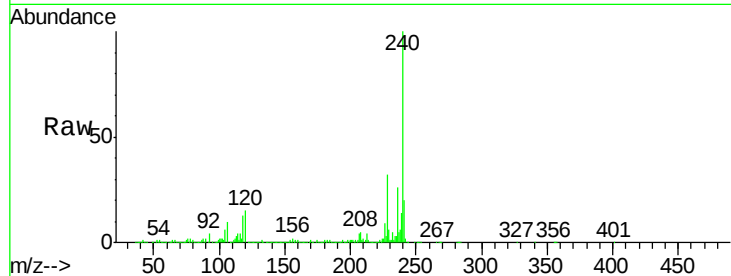
Tot Ion:240 Resp: 2624682

Ion Ratio Lower Upper

240 100

120 14.6 6.8 10.2#

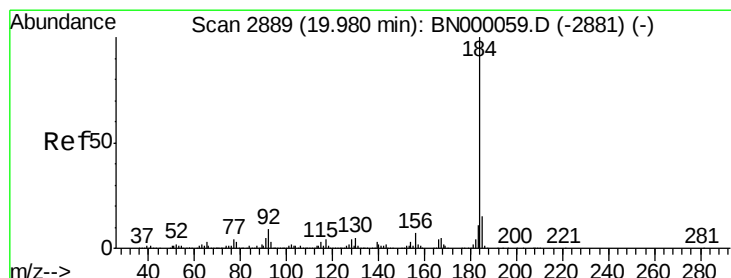
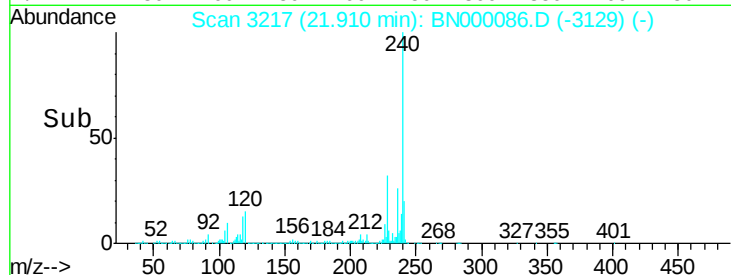
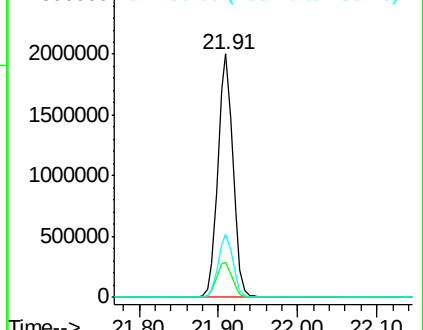
236 26.0 20.9 31.3



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: 33.25 ng

RT: 19.97 min Scan# 2888

Delta R.T. -0.01 min

Lab File: BN000086.D

Acq: 15 Feb 2018 08:57

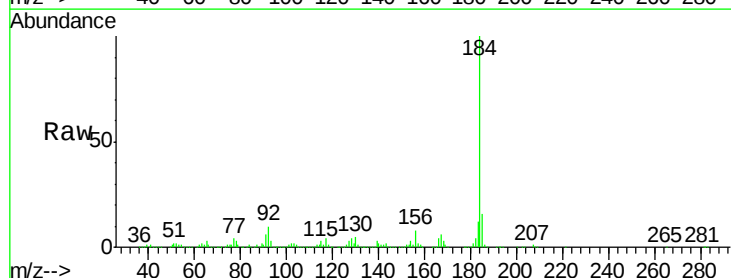
Tgt Ion:184 Resp: 2781607

Ion Ratio Lower Upper

184 100

185 16.0 11.1 16.7

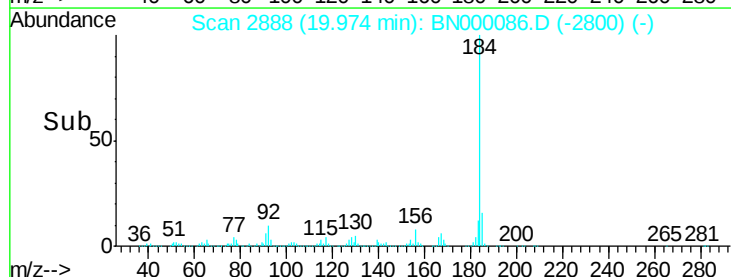
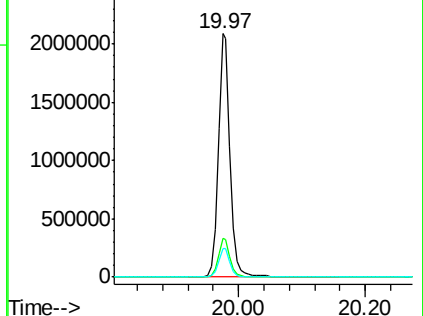
183 11.8 10.6 16.0

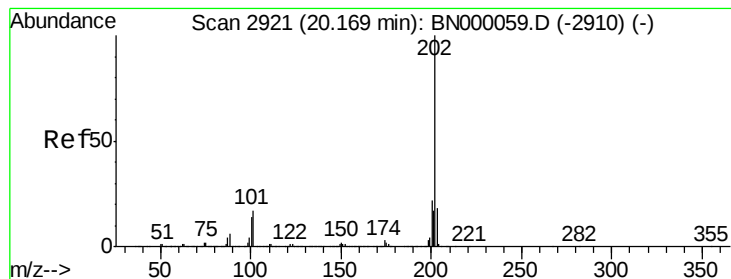


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 35.25 ng

RT: 20.17 min Scan# 2921

Delta R.T. -0.01 min

Lab File: BN000086.D

Acq: 15 Feb 2018 08:57

Instrument :

BNA_N

ClientSampled :

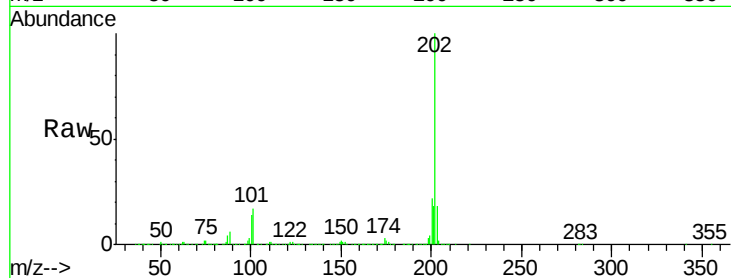
Tot Ion:202 Resp: 5880116

Ion Ratio Lower Upper

202 100

200 22.0 16.9 25.3

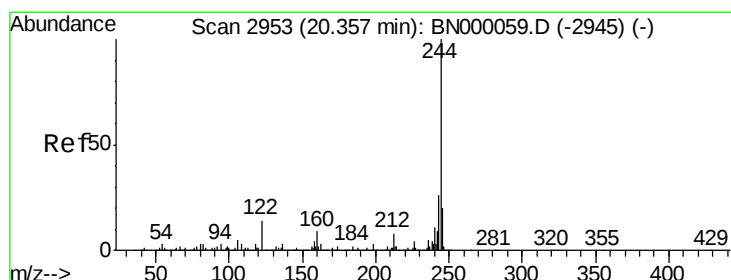
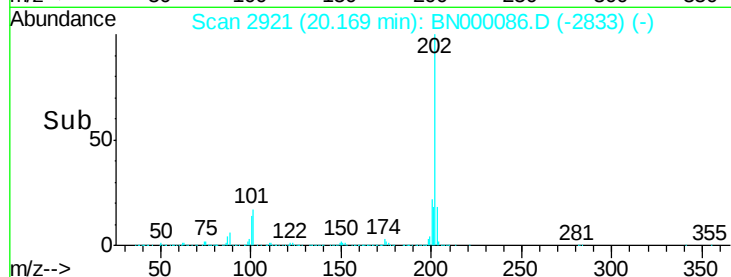
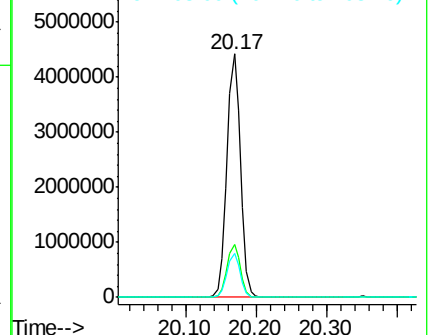
203 18.2 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

6000000 Ion 200.00 (199.70 to 200.70): E

5000000 Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 72.35 ng

RT: 20.35 min Scan# 2952

Delta R.T. -0.01 min

Lab File: BN000086.D

Acq: 15 Feb 2018 08:57

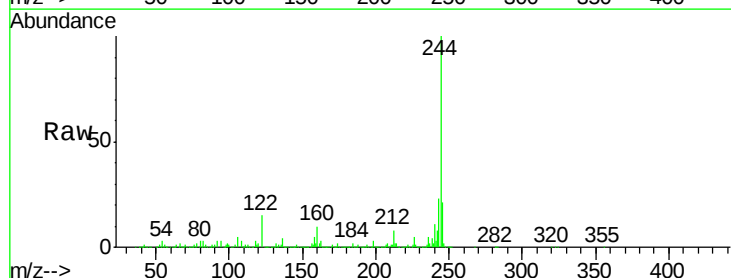
Tgt Ion:244 Resp: 7032877

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

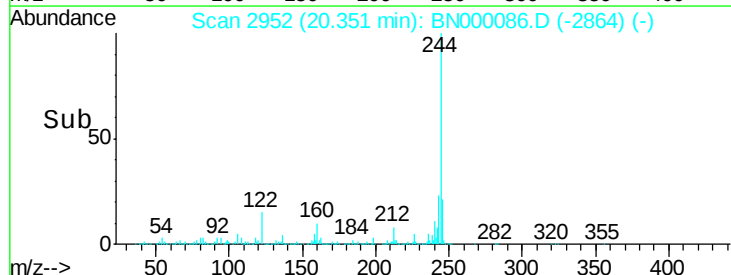
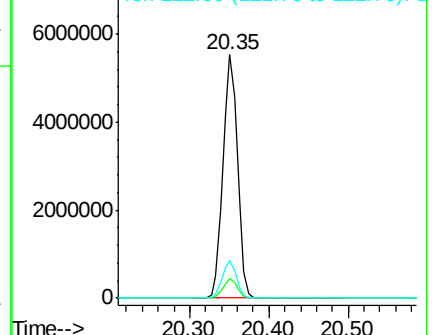
122 15.5 7.0 10.4#

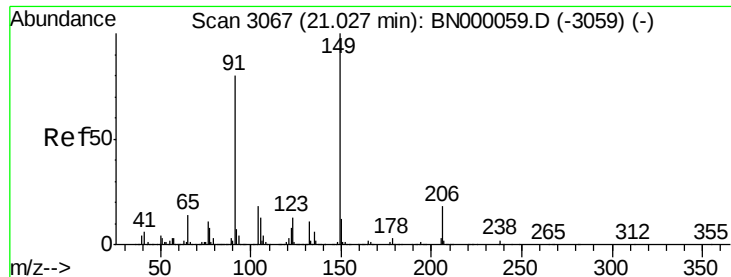


Abundance Ion 244.00 (243.70 to 244.70): E

6000000 Ion 212.00 (211.70 to 212.70): E

5000000 Ion 122.00 (121.70 to 122.70): E

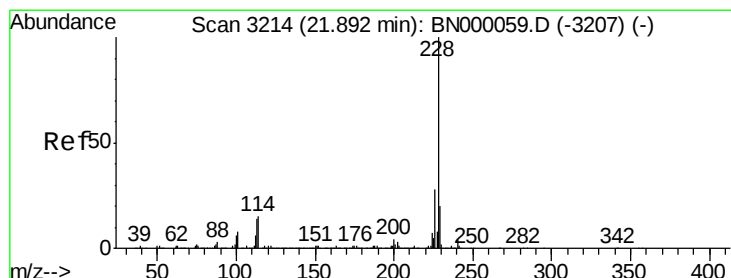
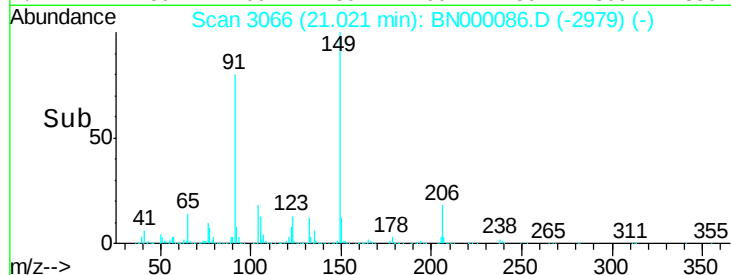
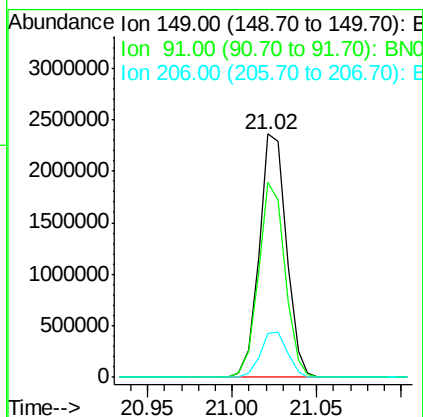
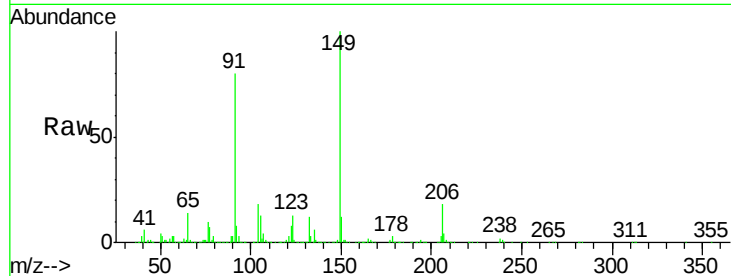




#79
Butylbenzylphthalate
Concen: 35.08 ng
RT: 21.02 min Scan# 3066
Delta R.T. -0.02 min
Lab File: BN000086.D
Acq: 15 Feb 2018 08:57

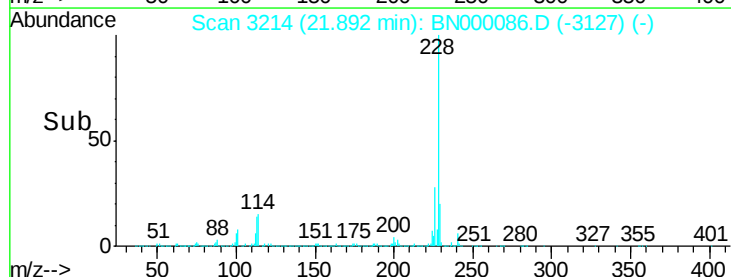
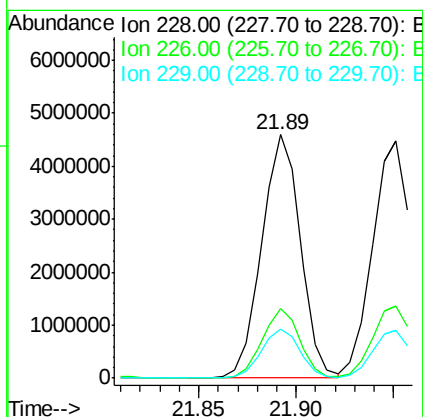
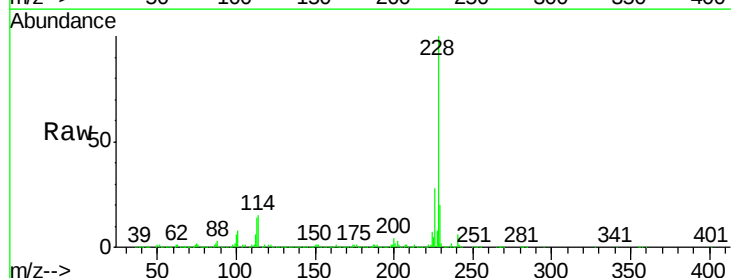
Instrument :
BNA_N
ClientSampled :

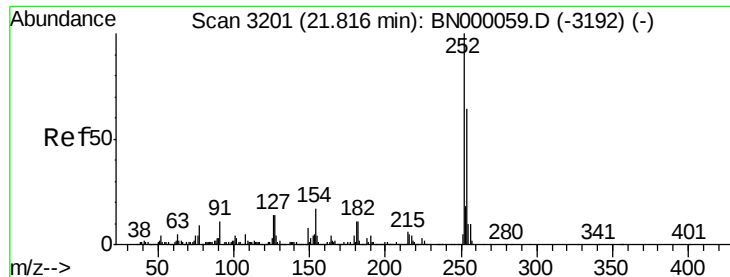
Tot Ion:149 Resp: 2646917
Ion Ratio Lower Upper
149 100
91 79.9 62.2 93.2
206 18.1 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 39.14 ng
RT: 21.89 min Scan# 3214
Delta R.T. -0.02 min
Lab File: BN000086.D
Acq: 15 Feb 2018 08:57

Tgt Ion:228 Resp: 6313677
Ion Ratio Lower Upper
228 100
226 28.3 22.7 34.1
229 20.3 16.2 24.2

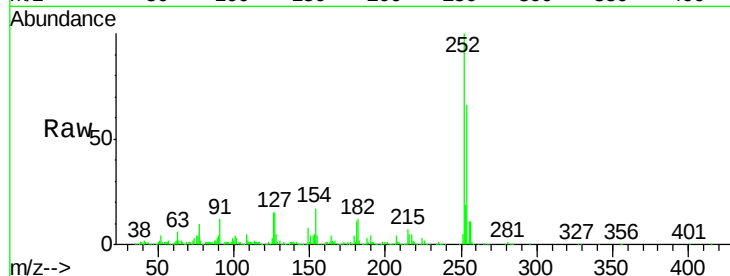




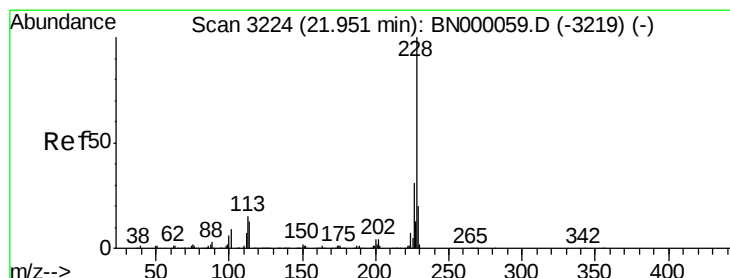
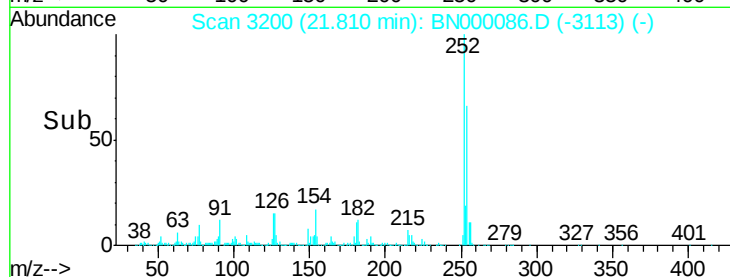
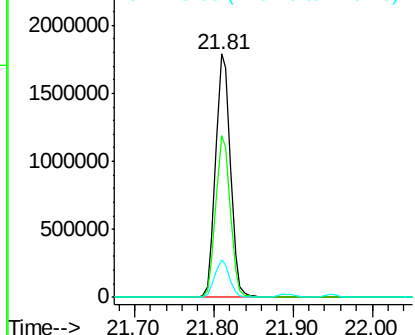
#81
 3,3'-Dichlorobenzidine
 Concen: 39.36 ng
 RT: 21.81 min Scan# 3200
 Delta R.T. -0.02 min
 Lab File: BN000086.D
 Acq: 15 Feb 2018 08:57

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:252 Resp: 2332387
 Ion Ratio Lower Upper
 252 100
 254 66.2 50.8 76.2
 126 15.3 7.4 11.2#

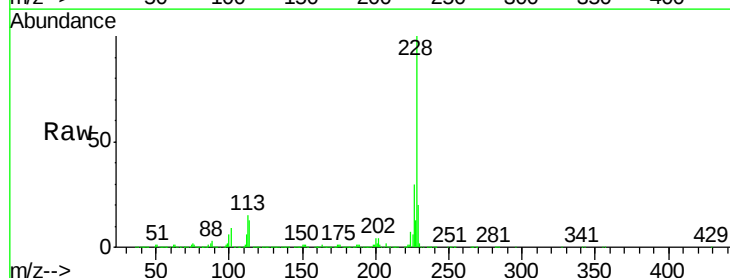


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

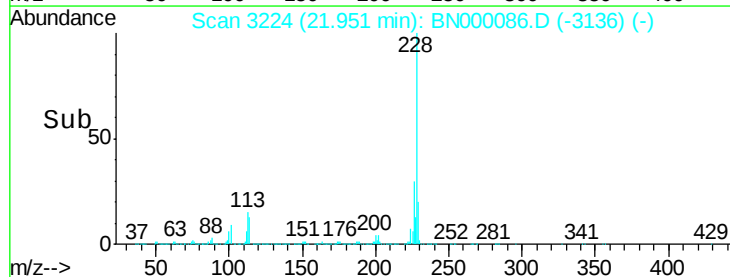
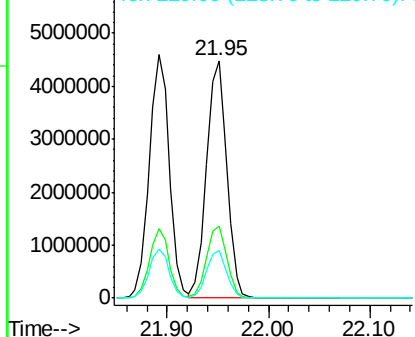


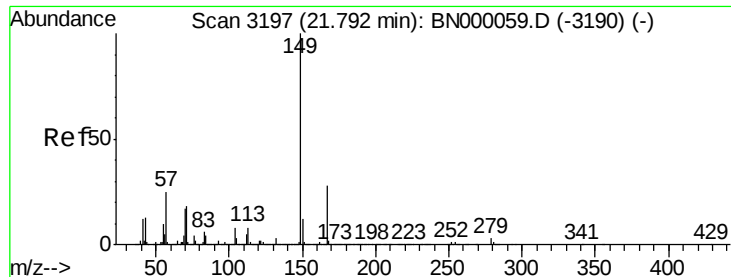
#82
 Chrysene
 Concen: 38.62 ng
 RT: 21.95 min Scan# 3224
 Delta R.T. -0.01 min
 Lab File: BN000086.D
 Acq: 15 Feb 2018 08:57

Tgt Ion:228 Resp: 6208911
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.9 37.3
 229 20.3 15.0 22.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.01 ng

RT: 21.79 min Scan# 3196

Delta R.T. -0.02 min

Lab File: BN000086.D

Acq: 15 Feb 2018 08:57

Instrument :

BNA_N

ClientSampleId :

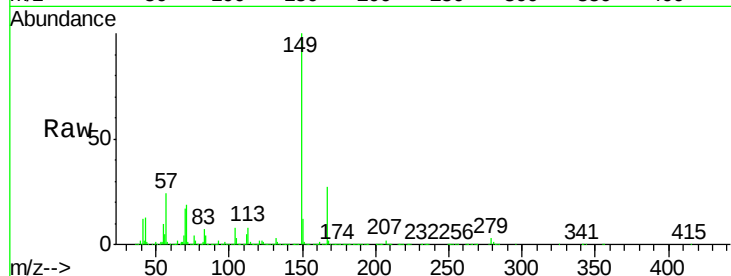
Tot Ion:149 Resp: 4388189

Ion Ratio Lower Upper

149 100

167 26.8 24.3 36.5

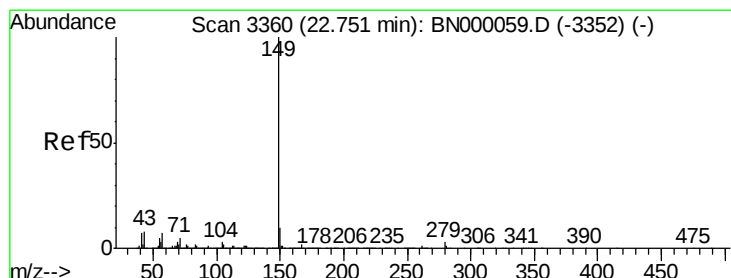
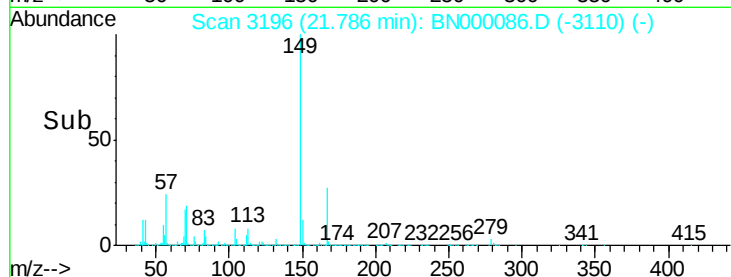
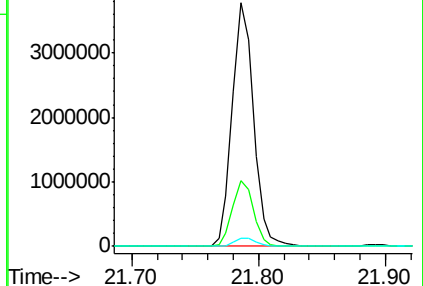
279 3.2 4.0 6.0#



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: 38.07 ng

RT: 22.74 min Scan# 3359

Delta R.T. -0.03 min

Lab File: BN000086.D

Acq: 15 Feb 2018 08:57

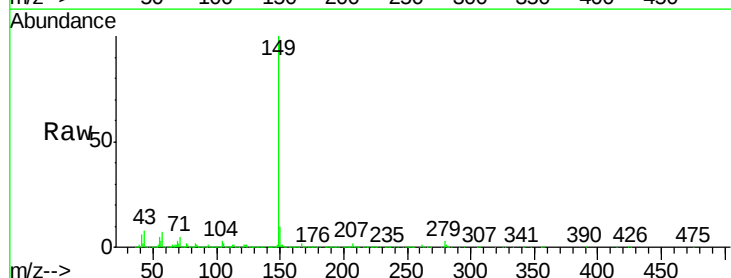
Tgt Ion:149 Resp: 7257629

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

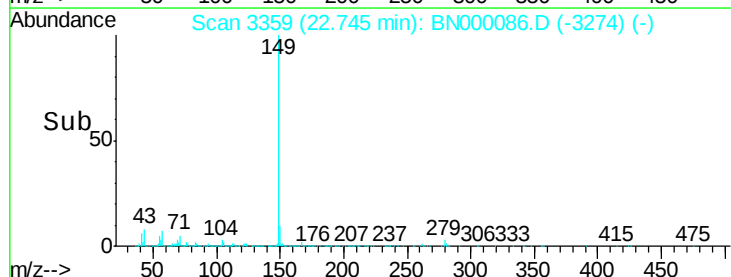
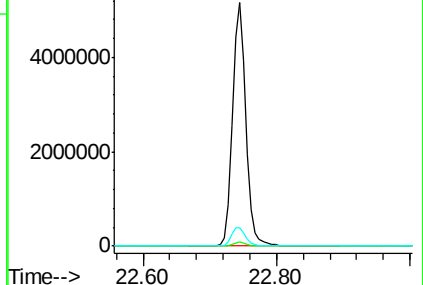
43 8.2 8.9 13.3#

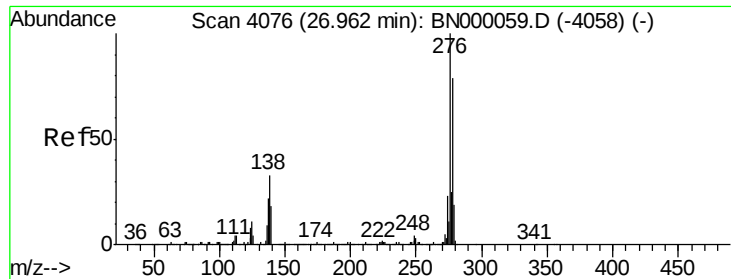


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC

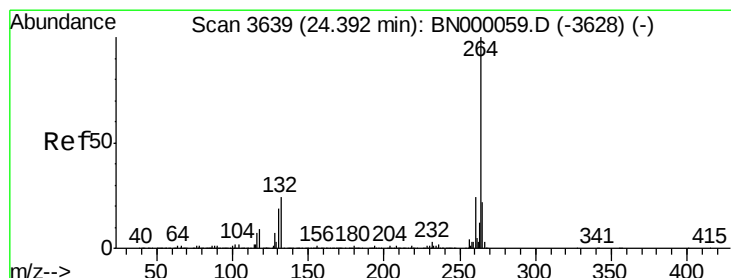
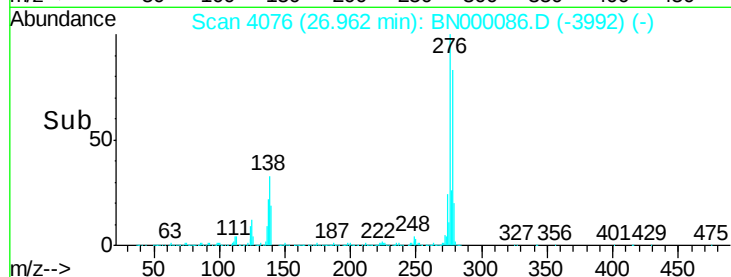
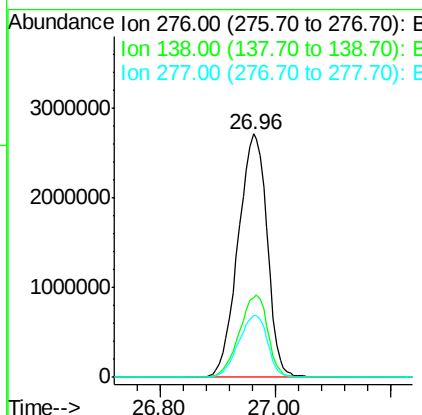
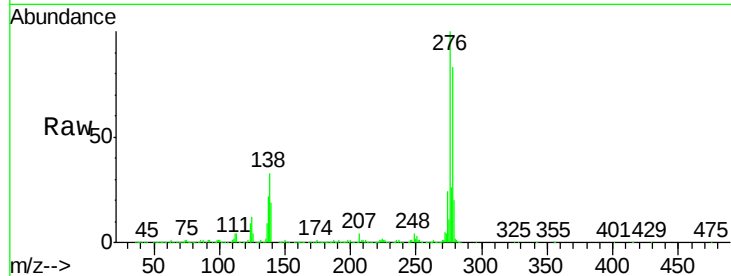




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.95 ng
 RT: 26.96 min Scan# 4076
 Delta R.T. -0.04 min
 Lab File: BN000086.D
 Acq: 15 Feb 2018 08:57

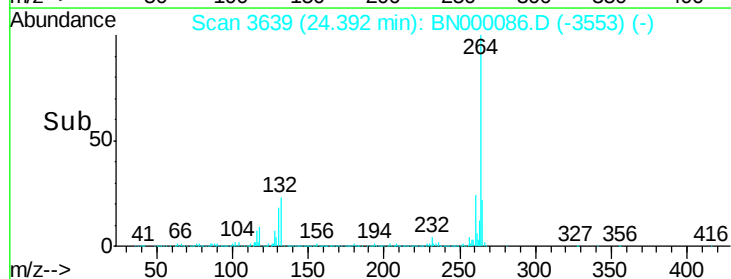
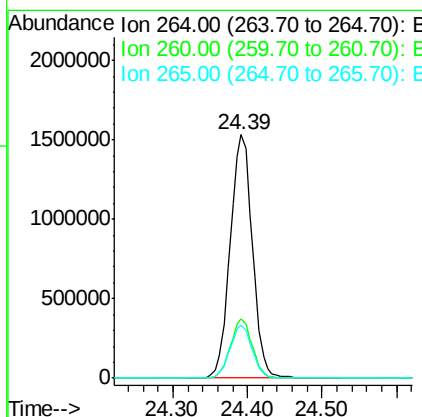
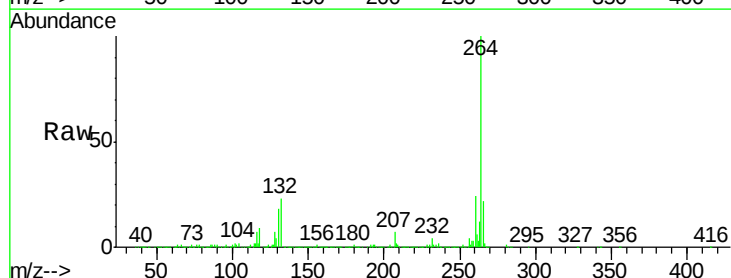
Instrument :
 BNA_N
 ClientSampleId :

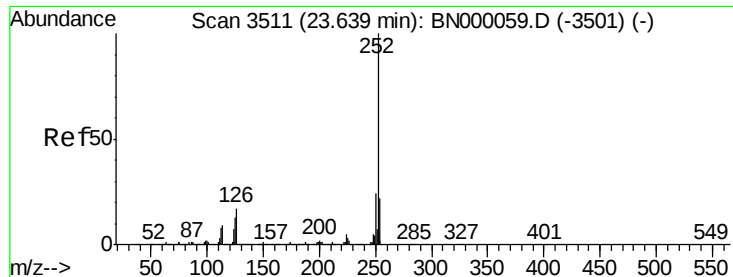
Tot Ion:276 Resp: 9469787
 Ion Ratio Lower Upper
 276 100
 138 33.3 16.0 24.0#
 277 25.8 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.39 min Scan# 3639
 Delta R.T. -0.02 min
 Lab File: BN000086.D
 Acq: 15 Feb 2018 08:57

Tgt Ion:264 Resp: 3173112
 Ion Ratio Lower Upper
 264 100
 260 24.3 17.4 26.0
 265 21.7 17.7 26.5

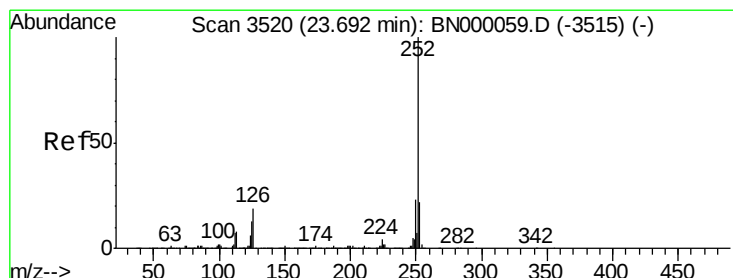
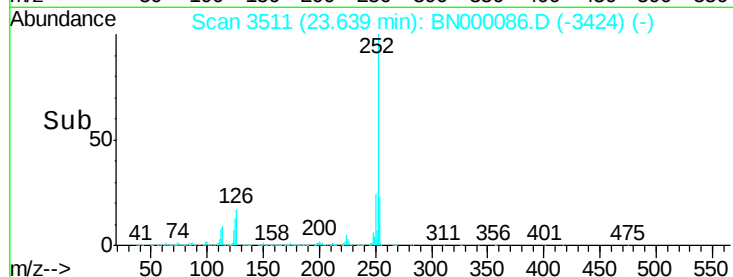
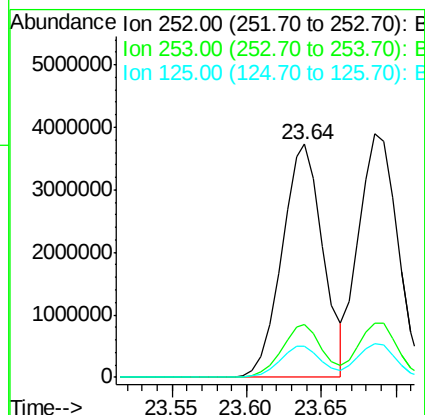
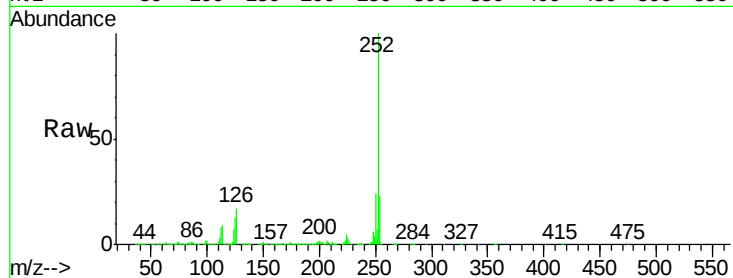




#87
Benzo(b)fluoranthene
Concen: 38.41 ng
RT: 23.64 min Scan# 3511
Delta R.T. -0.02 min
Lab File: BN000086.D
Acq: 15 Feb 2018 08:57

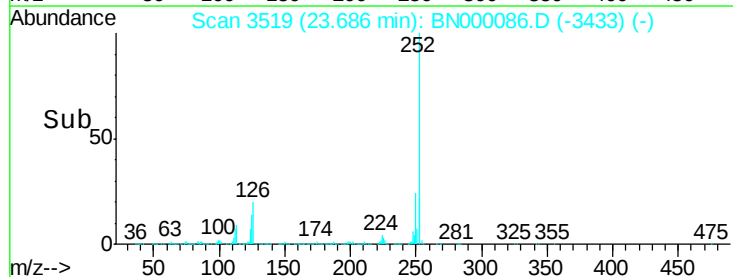
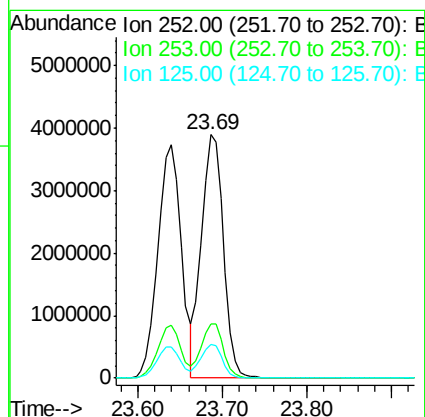
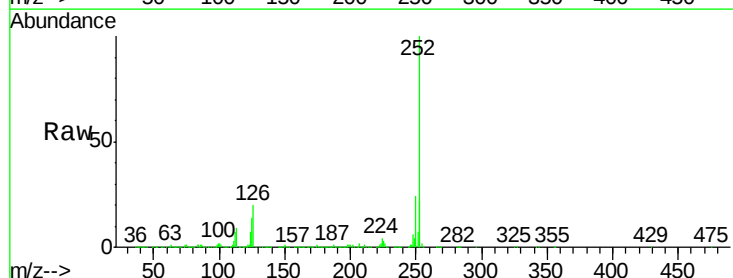
Instrument :
BNA_N
ClientSampleId :

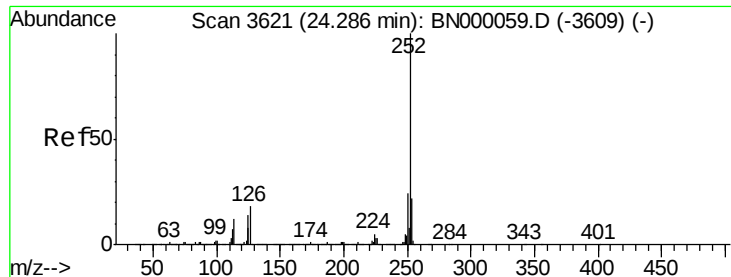
Tot Ion:252 Resp: 7134360
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.4
125 13.5 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 37.63 ng
RT: 23.69 min Scan# 3519
Delta R.T. -0.02 min
Lab File: BN000086.D
Acq: 15 Feb 2018 08:57

Tgt Ion:252 Resp: 7039896
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 13.9 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 39.64 ng

RT: 24.29 min Scan# 3621

Delta R.T. -0.02 min

Lab File: BN000086.D

Acq: 15 Feb 2018 08:57

Instrument :

BNA_N

ClientSampleId :

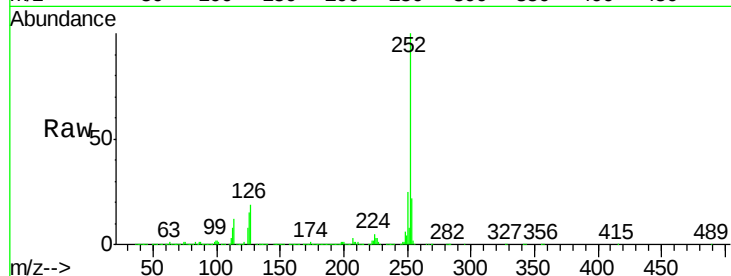
Tot Ion:252 Resp: 7061220

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.3	27.5
125	15.0	7.3	10.9

252 100

253 22.2 18.3 27.5

125 15.0 7.3 10.9

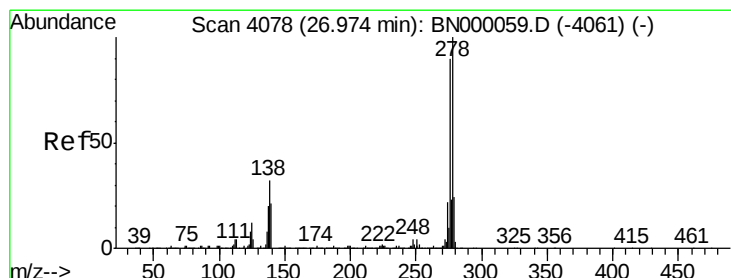
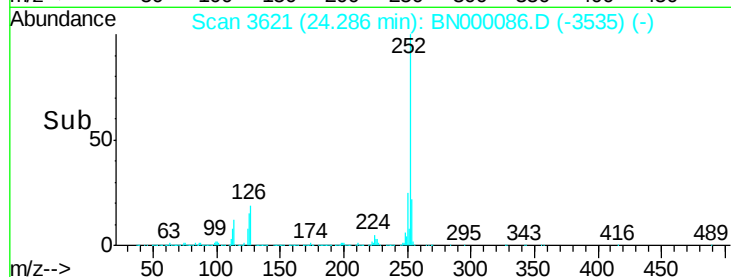
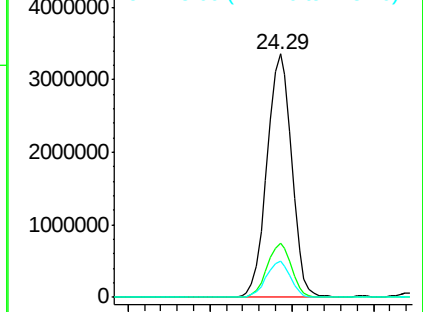


Abundance

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: 42.51 ng

RT: 26.97 min Scan# 4078

Delta R.T. -0.04 min

Lab File: BN000086.D

Acq: 15 Feb 2018 08:57

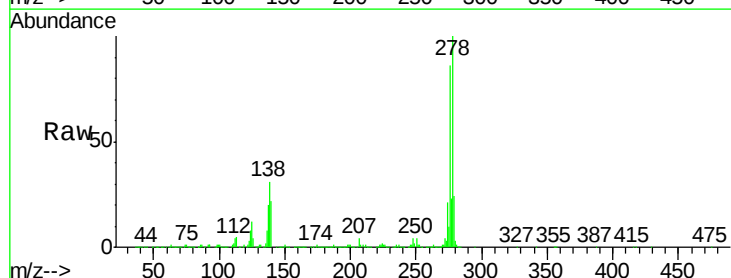
Tgt Ion:278 Resp: 7918004

Ion	Ratio	Lower	Upper
278	100		
139	21.9	9.8	14.6
279	23.8	18.4	27.6

278 100

139 21.9 9.8 14.6

279 23.8 18.4 27.6

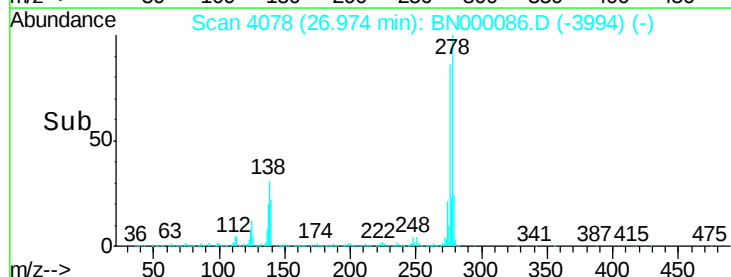
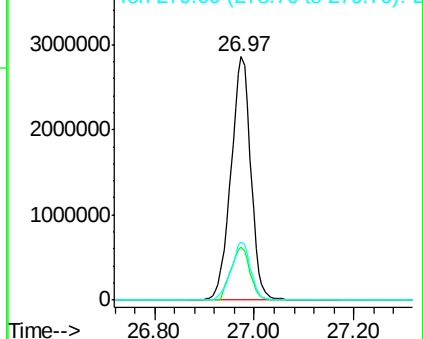


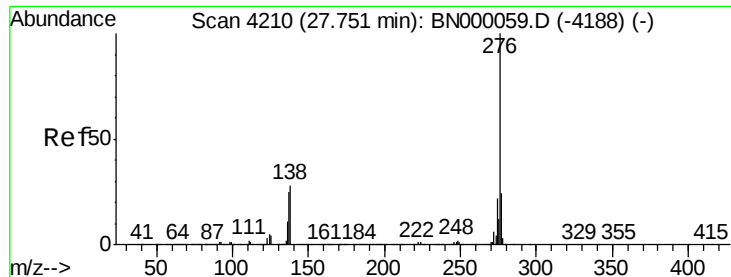
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 42.43 ng
 RT: 27.76 min Scan# 4211
 Delta R.T. -0.03 min
 Lab File: BN000086.D
 Acq: 15 Feb 2018 08:57

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 7991764
 Ion Ratio Lower Upper
 276 100
 277 23.7 18.3 27.5
 138 28.3 13.9 20.9#

