

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021518\
 Data File : BN000097.D
 Acq On : 15 Feb 2018 15:16
 Operator : JU/SJ
 Sample : J1161-02
 Misc : 20 PPM L00
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 16 03:53:23 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	316503	20.00	ng	0.00
21) Naphthalene-d8	11.30	136	1600531	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	970882	20.00	ng	-0.01
63) Phenanthrene-d10	17.79	188	2107733	20.00	ng	0.00
75) Chrysene-d12	21.90	240	2349021	20.00	ng	-0.02
86) Perylene-d12	24.39	264	2512382	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	2829467	145.70	ng	-0.01
7) Phenol-d6	7.59	99	4232876	143.89	ng	0.00
23) Nitrobenzene-d5	9.64	82	3095108	114.98	ng	-0.01
41) 2,4,6-Tribromophenol	16.54	330	1426276	148.41	ng	-0.01
44) 2-Fluorobiphenyl	13.70	172	7560107	109.75	ng	-0.01
78) Terphenyl-d14	20.35	244	9545982	109.73	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	3.66	88	148417	18.99	ng	95
3) Pyridine	4.10	79	471894	19.40	ng	98
4) n-Nitrosodimethylamine	4.00	42	123461	17.95	ng	# 92
6) Aniline	7.77	93	774475	19.11	ng	90
8) 2-Chlorophenol	8.01	128	430154	18.94	ng	88
9) Benzaldehyde	7.58	77	224213	12.25	ng	86
10) Phenol	7.61	94	594023	19.13	ng	85
11) bis(2-Chloroethyl)ether	7.86	93	481711	18.86	ng	# 82
12) 1,3-Dichlorobenzene	8.35	146	486102	18.84	ng	97
13) 1,4-Dichlorobenzene	8.50	146	495257	18.79	ng	98
14) 1,2-Dichlorobenzene	8.82	146	490096	18.89	ng	96
15) Benzyl Alcohol	8.69	79	375349	17.75	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.99	45	508894	18.83	ng	78
17) 2-Methylphenol	8.89	107	409990	18.58	ng	94
18) Hexachloroethane	9.57	117	166211	18.12	ng	# 81
19) n-Nitroso-di-n-propylamine	9.26	70	352697	17.89	ng	# 84
20) 3+4-Methylphenols	9.22	107	569302	18.45	ng	93
22) Acetophenone	9.29	105	843380	18.80	ng	# 87
24) Nitrobenzene	9.68	77	575105	19.54	ng	# 93
25) Isophorone	10.20	82	983801	17.68	ng	96
26) 2-Nitrophenol	10.40	139	170695	19.23	ng	90
27) 2,4-Dimethylphenol	10.44	122	425323	17.63	ng	94
28) bis(2-Chloroethoxy)methane	10.68	93	661551	18.54	ng	96
29) 2,4-Dichlorophenol	10.93	162	382157	17.12	ng	96
30) 1,2,4-Trichlorobenzene	11.16	180	477478	18.57	ng	97
31) Naphthalene	11.35	128	1664807	18.97	ng	98
32) Benzoic acid	10.51	122	168710	17.89	ng	88
33) 4-Chloroaniline	11.45	127	718954	18.65	ng	94
34) Hexachlorobutadiene	11.63	225	248248	18.62	ng	98
35) Caprolactam	12.18	113	145465	17.68	ng	94
36) 4-Chloro-3-methylphenol	12.53	107	489085	17.25	ng	98
37) 2-Methylnaphthalene	12.93	142	1148191	18.81	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.29	216	536898	18.74	ng	# 97
40) Hexachlorocyclopentadiene	13.26	237	202324	16.94	ng	94

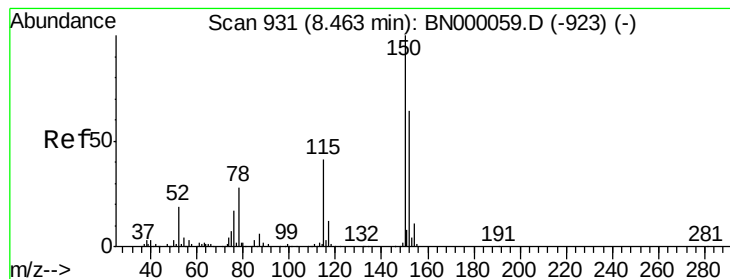
Data Path : Z:\HPCHEM1\BNA N\DATA\BN021518\
 Data File : BN000097.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	281510	16.39	nq	99
43) 2,4,5-Trichlorophenol	13.58	196	351911	17.04	nq #	92
45) 1,1'-Biphenyl	13.91	154	1621483	18.96	nq	98
46) 2-Chloronaphthalene	13.96	162	1207177	18.82	nq	97
47) 2-Nitroaniline	14.15	65	275290	18.02	nq #	80
48) Acenaphthylene	14.80	152	1950847	18.87	nq	98
49) Dimethylphthalate	14.51	163	1514689	18.66	nq	99
50) 2,6-Dinitrotoluene	14.63	165	288411	17.21	nq	92
51) Acenaphthene	15.13	154	1254945	18.65	nq	98
52) 3-Nitroaniline	14.96	138	354020	17.38	nq #	92
53) 2,4-Dinitrophenol	15.16	184	72300	19.99	nq #	12
54) Dibenzofuran	15.46	168	1812745	19.02	nq	95
55) 4-Nitrophenol	15.23	139	241444	18.54	nq #	86
56) 2,4-Dinitrotoluene	15.40	165	371935	18.34	nq #	96
57) Fluorene	16.10	166	1491293	19.17	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.67	232	285425	17.52	nq #	86
59) Diethylphthalate	15.85	149	1552232	18.82	nq	97
60) 4-Chlorophenyl-phenylether	16.09	204	675814	19.06	nq	94
61) 4-Nitroaniline	16.10	138	374232	17.88	nq	92
62) Azobenzene	16.38	77	1557878	18.98	nq	90
64) 4,6-Dinitro-2-methylphenol	16.16	198	133369	19.65	nq	89
65) n-Nitrosodiphenylamine	16.30	169	1296575	18.91	nq	96
66) 4-Bromophenyl-phenylether	16.97	248	369828	18.45	nq #	85
67) Hexachlorobenzene	17.10	284	439568	18.78	nq #	88
68) Atrazine	17.22	200	363395	16.28	nq	95
69) Pentachlorophenol	17.43	266	223770	18.70	nq	98
70) Phenanthrene	17.83	178	2392895	19.22	nq	99
71) Anthracene	17.92	178	2325682	19.29	nq	98
72) Carbazole	18.18	167	2358061	19.42	nq	97
73) Di-n-butylphthalate	18.72	149	2427584	18.11	nq	98
74) Fluoranthene	19.81	202	2597520	19.89	nq	95
76) Benzidine	19.97	184	723170	9.66	nq	95
77) Pyrene	20.17	202	2850929	19.10	nq	99
79) Butylbenzylphthalate	21.02	149	1018330	18.14	nq #	96
80) Benzo(a)anthracene	21.89	228	2790726	19.33	nq	99
81) 3,3'-Dichlorobenzidine	21.81	252	902754	17.02	nq #	97
82) Chrysene	21.95	228	2796711	19.44	nq	98
83) Bis(2-ethylhexyl)phthalate	21.79	149	1658702	17.73	nq #	94
84) Di-n-octyl phthalate	22.74	149	2505792	17.86	nq #	94
85) Indeno(1,2,3-cd)pyrene	26.94	276	3403852	19.26	nq #	87
87) Benzo(b)fluoranthene	23.63	252	2852414	19.40	nq #	96
88) Benzo(k)fluoranthene	23.68	252	2851064	19.25	nq #	96
89) Benzo(a)pyrene	24.28	252	2694407	19.11	nq #	94
90) Dibenzo(a,h)anthracene	26.96	278	2860423	19.40	nq #	90
91) Benzo(g,h,i)perylene	27.73	276	2821733	18.92	nq #	88

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.46 min Scan# 931

Delta R.T. -0.01 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

Instrument :

BNA_N

ClientSampleId :

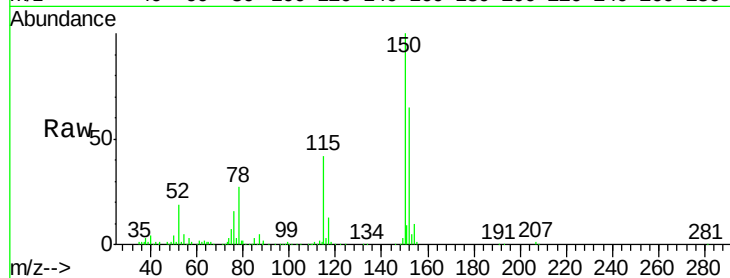
Tot Ion:152 Resp: 316503

Ion Ratio Lower Upper

152 100

150 153.2 126.6 189.8

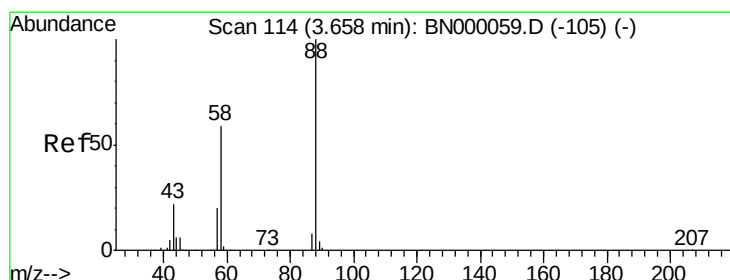
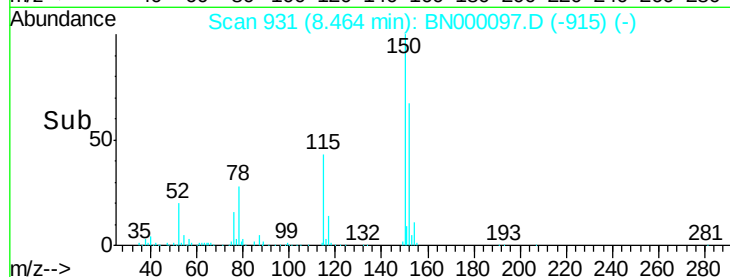
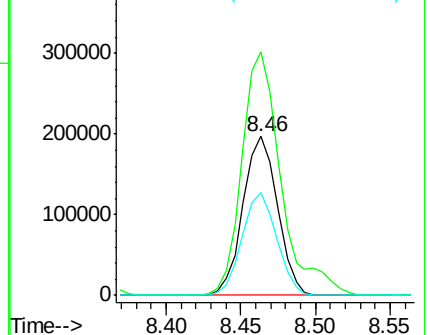
115 64.6 53.0 79.4



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: 18.99 ng

RT: 3.66 min Scan# 114

Delta R.T. 0.00 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

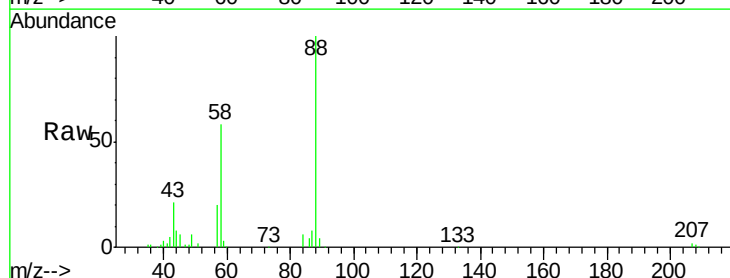
Tgt Ion: 88 Resp: 148417

Ion Ratio Lower Upper

88 100

58 60.9 52.0 78.0

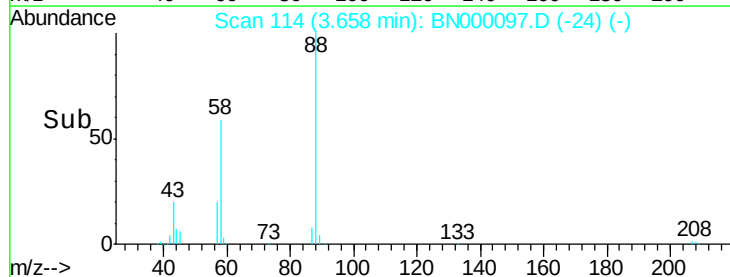
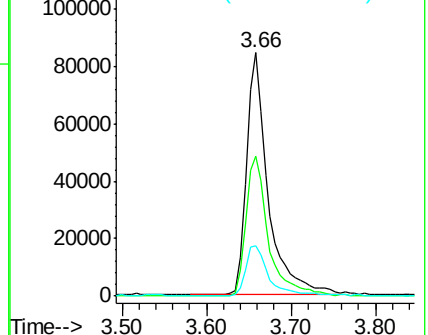
43 23.0 20.0 30.0

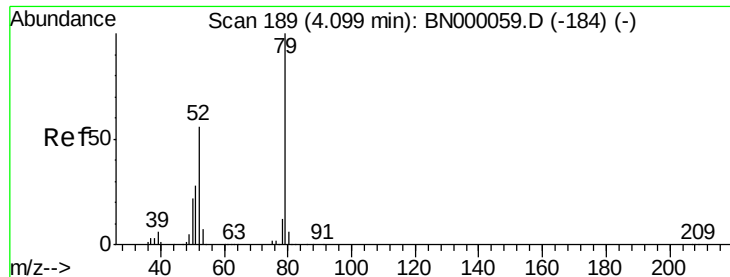


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

Pvridine

Concen: 19.40 ng

RT: 4.10 min Scan# 190

Delta R.T. 0.00 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

Instrument :

BNA_N

ClientSampleId :

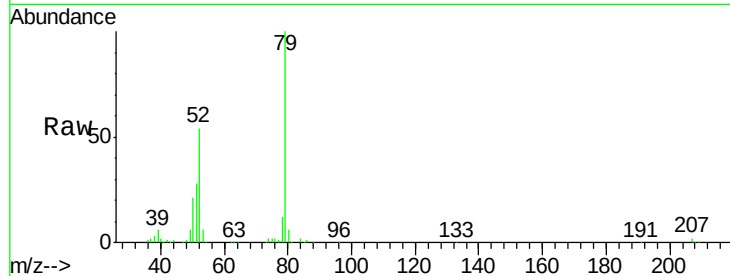
Tot Ion: 79 Resp: 471894

Ion Ratio Lower Upper

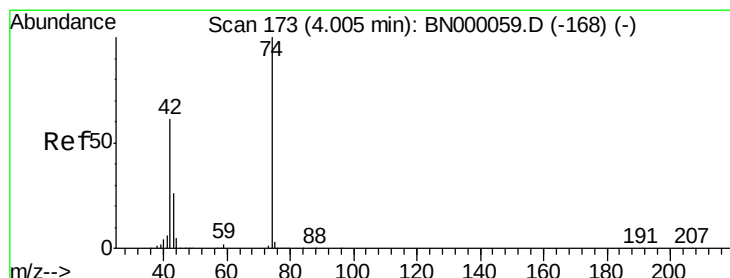
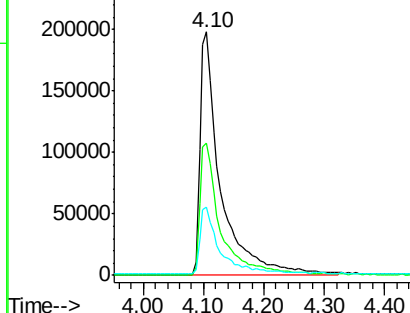
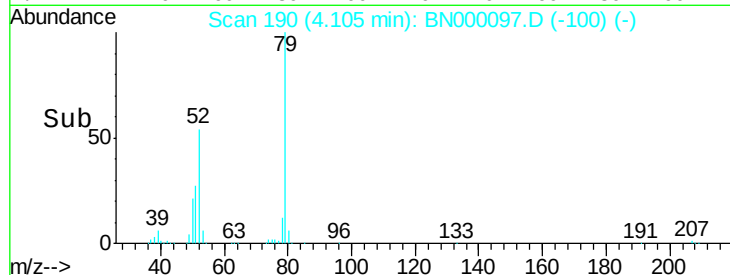
79 100

52 54.3 44.0 66.0

51 27.9 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: 17.95 ng

RT: 4.00 min Scan# 173

Delta R.T. -0.01 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

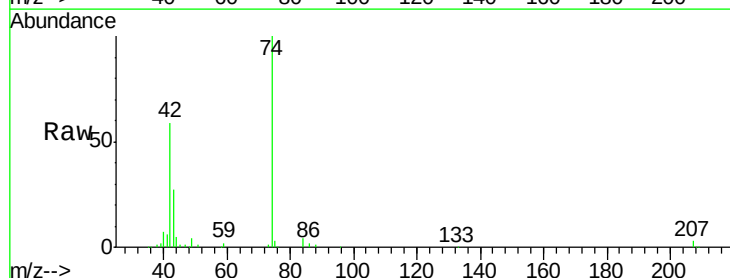
Tgt Ion: 42 Resp: 123461

Ion Ratio Lower Upper

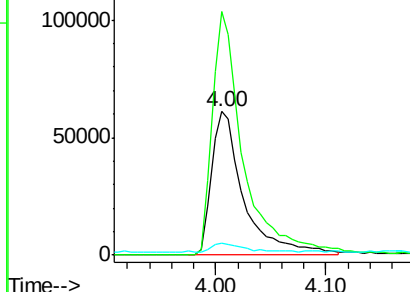
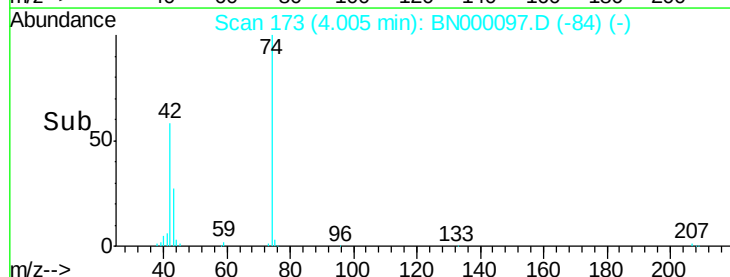
42 100

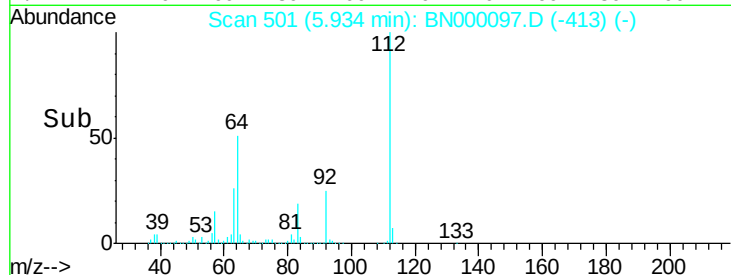
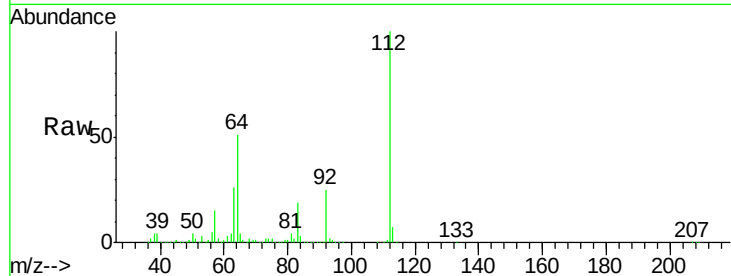
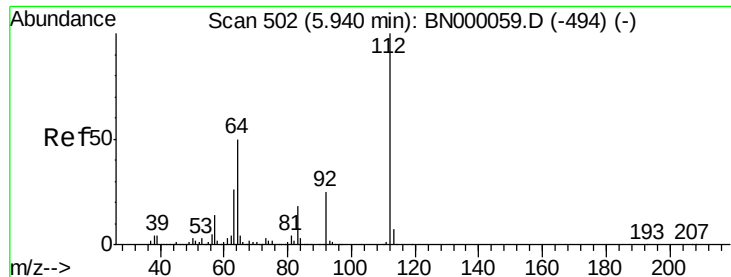
74 169.8 128.0 192.0

44 8.1 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: 145.70 ng

RT: 5.93 min Scan# 501

Delta R.T. -0.01 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

Instrument :

BNA_N

ClientSampled :

Tot Ion:112 Resp: 2829467

Ion Ratio Lower Upper

112 100

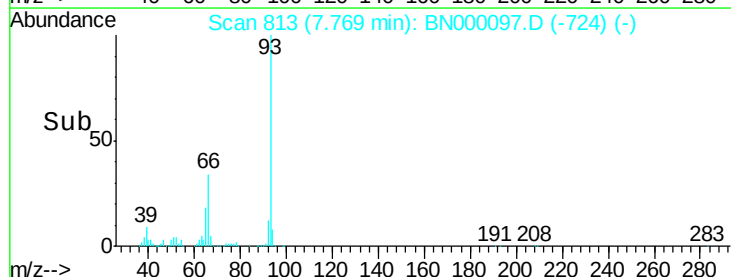
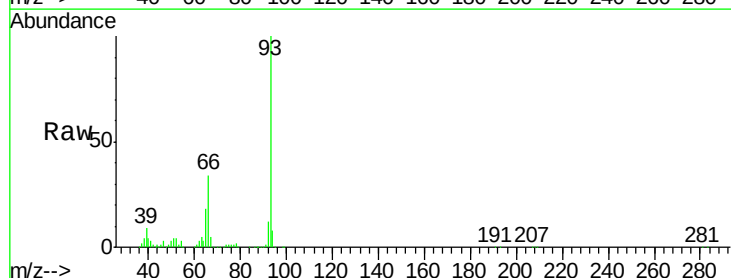
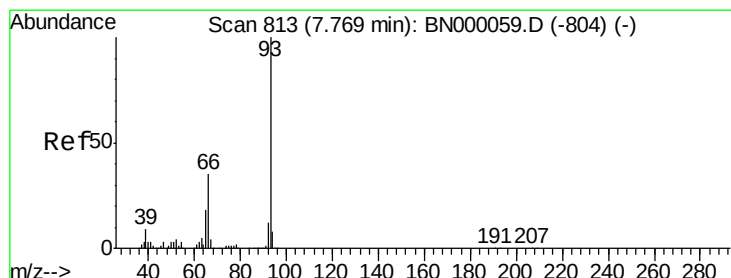
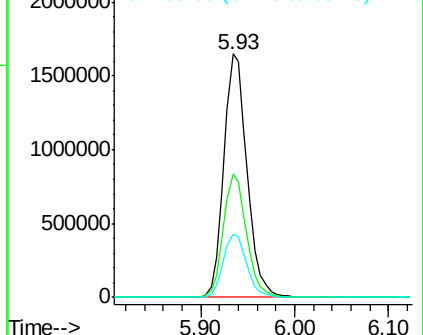
64 50.5 56.3 84.5#

63 26.0 30.1 45.1#

Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#6

Aniline

Concen: 19.11 ng

RT: 7.77 min Scan# 813

Delta R.T. -0.01 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

Tgt Ion: 93 Resp: 774475

Ion Ratio Lower Upper

93 100

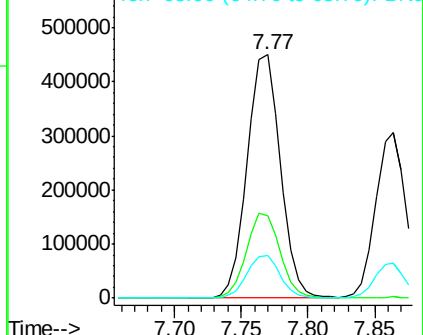
66 34.0 33.7 50.5

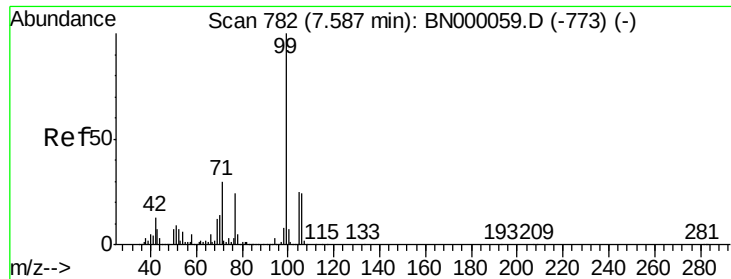
65 17.6 16.1 24.1

Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 143.89 ng

RT: 7.59 min Scan# 782

Delta R.T. -0.01 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

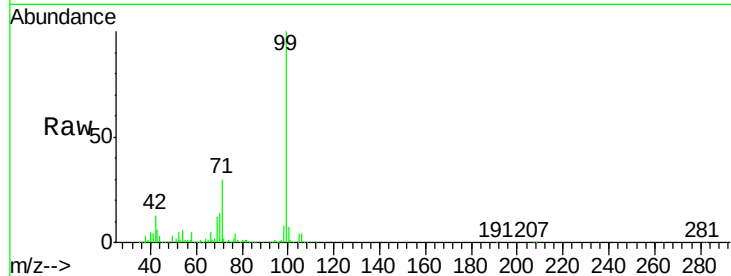
Instrument :

BNA_N

ClientSampleId :

Tot Ion: 99 Resp: 4232876

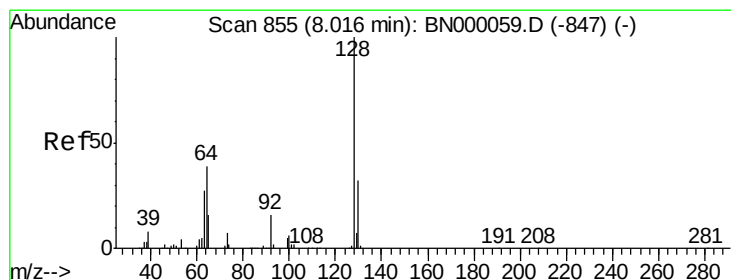
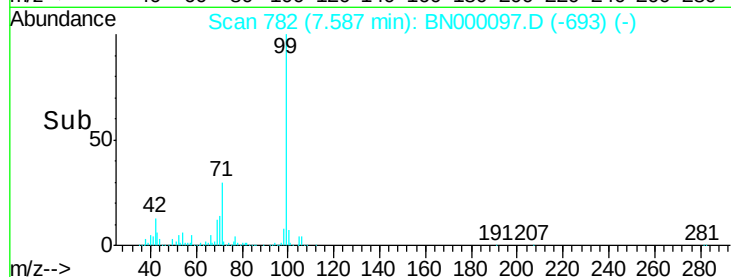
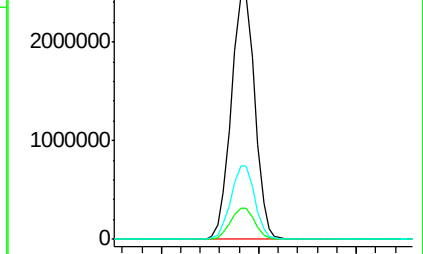
Ion	Ratio	Lower	Upper
99	100		
42	12.8	14.1	21.1#
71	30.1	26.1	39.1



Abundance Ion 99.00 (98.70 to 99.70): BN000059.D (-773) (-)

Ion 42.00 (41.70 to 42.70): BN000059.D (-773) (-)

Ion 71.00 (70.70 to 71.70): BN000059.D (-773) (-)



#8

2-Chlorophenol

Concen: 18.94 ng

RT: 8.01 min Scan# 854

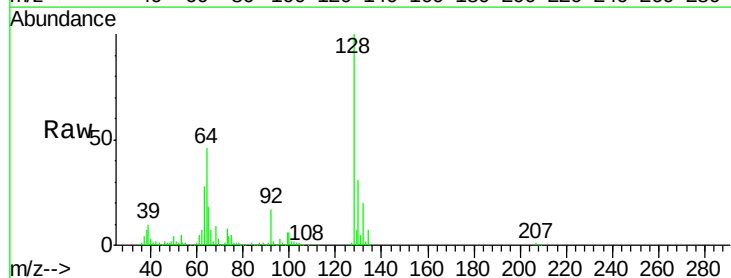
Delta R.T. -0.01 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

Tgt Ion: 128 Resp: 430154

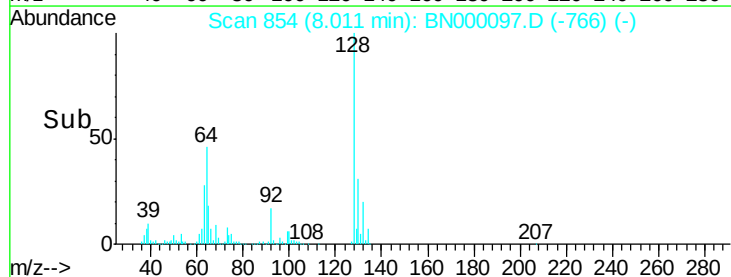
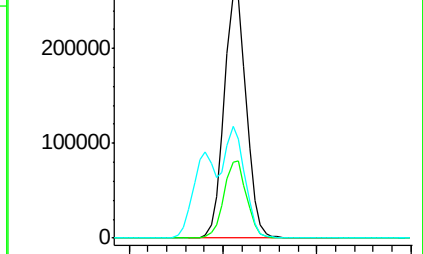
Ion	Ratio	Lower	Upper
128	100		
130	31.1	14.0	54.0
64	45.7	37.7	77.7

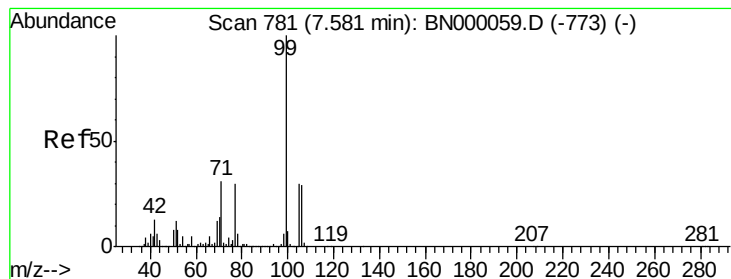


Abundance Ion 128.00 (127.70 to 128.70): BN000059.D (-847) (-)

Ion 130.00 (129.70 to 130.70): BN000059.D (-847) (-)

Ion 64.00 (63.70 to 64.70): BN000059.D (-847) (-)





#9

Benzaldehyde

Concen: 12.25 ng

RT: 7.58 min Scan# 780

Delta R.T. -0.01 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

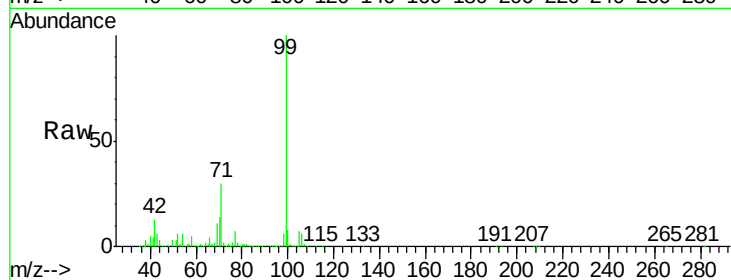
Instrument :

BNA_N

ClientSampleId :

Tot Ion: 77 Resp: 224213

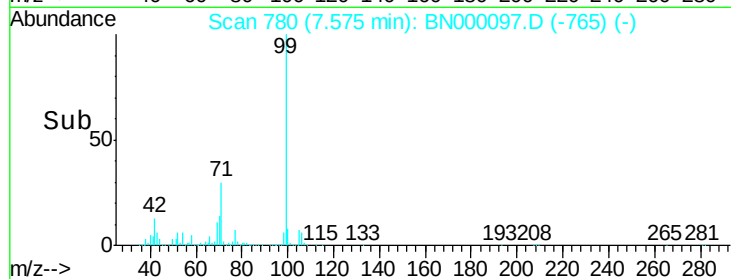
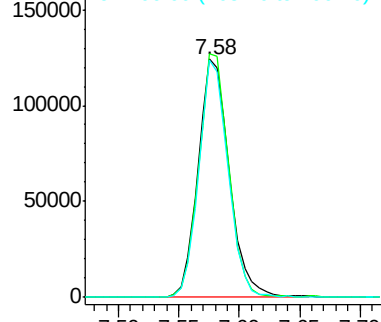
Ion	Ratio	Lower	Upper
77	100		
105	102.3	71.3	111.3
106	99.4	64.2	104.2



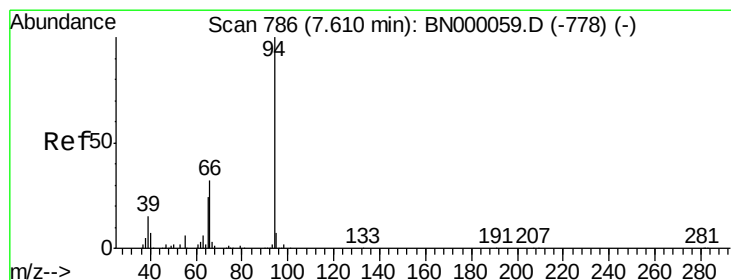
Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B



Time-->



#10

Phenol

Concen: 19.13 ng

RT: 7.61 min Scan# 786

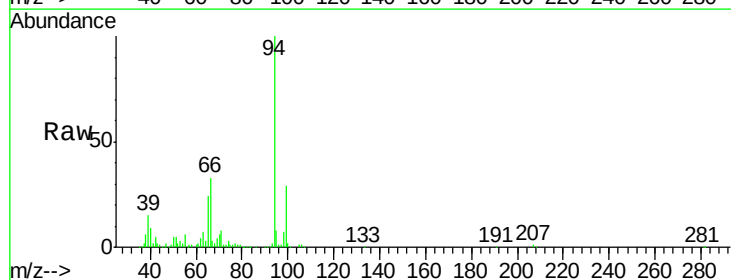
Delta R.T. -0.01 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

Tgt Ion: 94 Resp: 594023

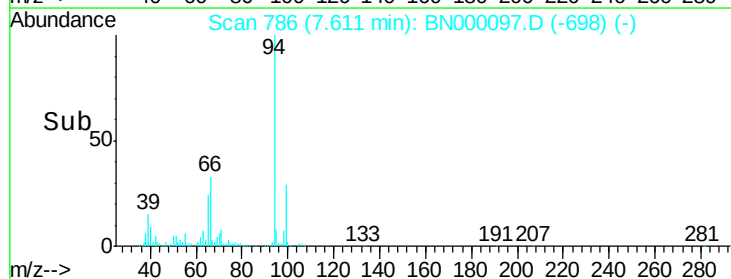
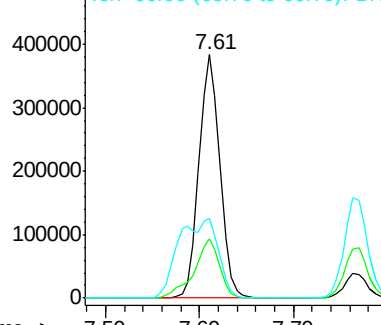
Ion	Ratio	Lower	Upper
94	100		
65	24.1	11.9	51.9
66	32.5	22.2	62.2



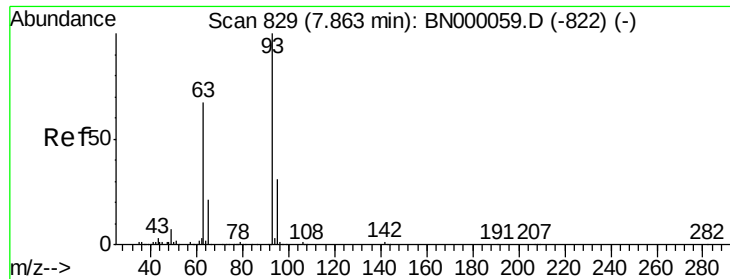
Abundance Ion 94.00 (93.70 to 94.70): BN0

Ion 65.00 (64.70 to 65.70): BN0

Ion 66.00 (65.70 to 66.70): BN0



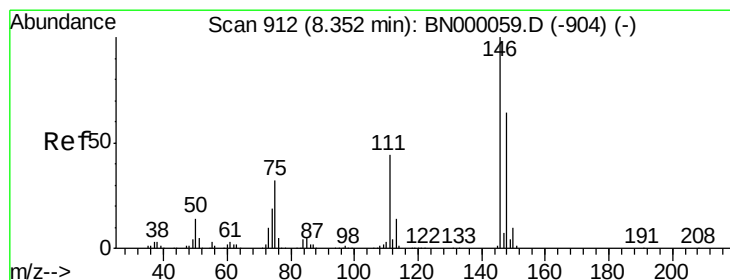
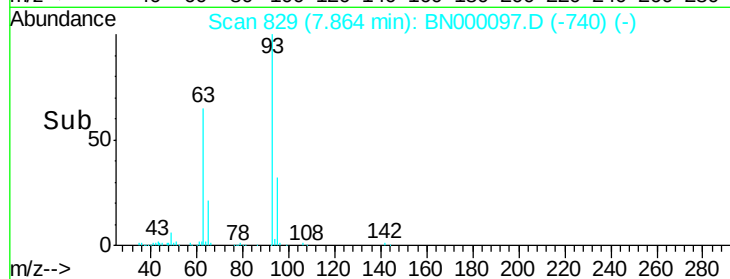
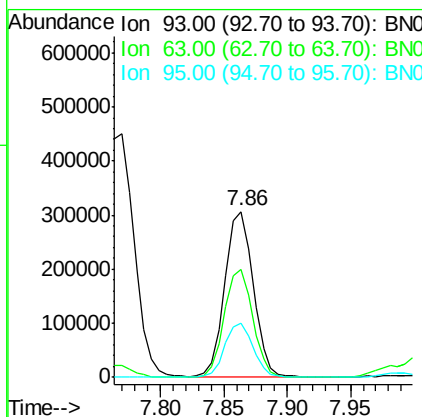
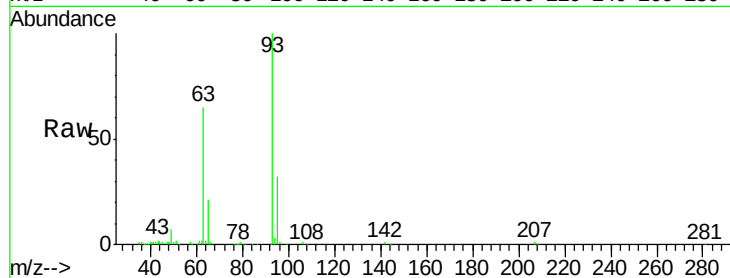
Time-->



#11
 bis(2-Chloroethyl)ether
 Concen: 18.86 ng
 RT: 7.86 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BN000097.D
 Acq: 15 Feb 2018 15:16

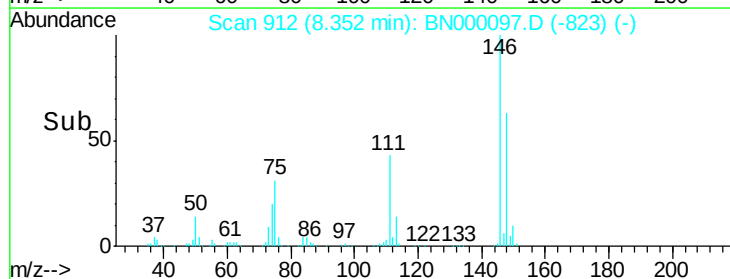
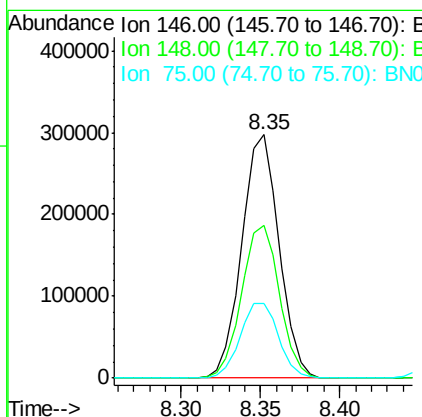
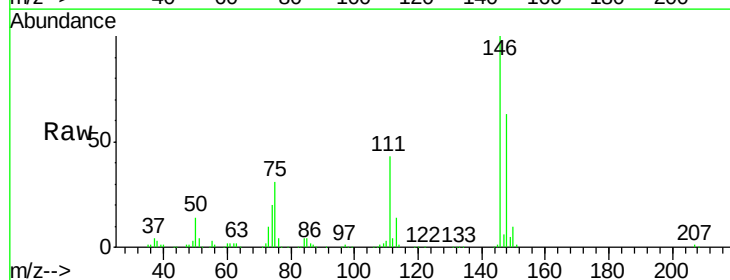
Instrument :
 BNA_N
 ClientSampleId :

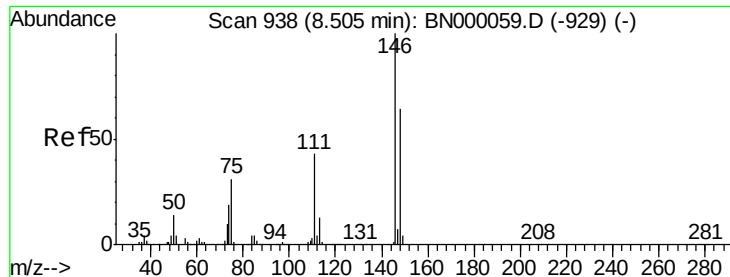
Tot Ion	93	Resp	481711
Ion Ratio	Lower	Upper	
93	100		
63	65.0	67.1	107.1#
95	32.4	11.5	51.5



#12
 1,3-Dichlorobenzene
 Concen: 18.84 ng
 RT: 8.35 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BN000097.D
 Acq: 15 Feb 2018 15:16

Tgt Ion	146	Resp	486102
Ion Ratio	Lower	Upper	
146	100		
148	62.9	51.4	77.2
75	30.8	26.6	39.8

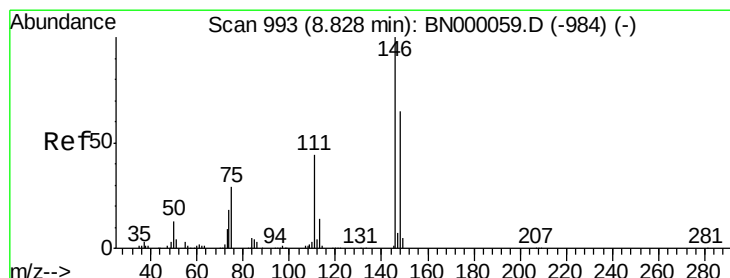
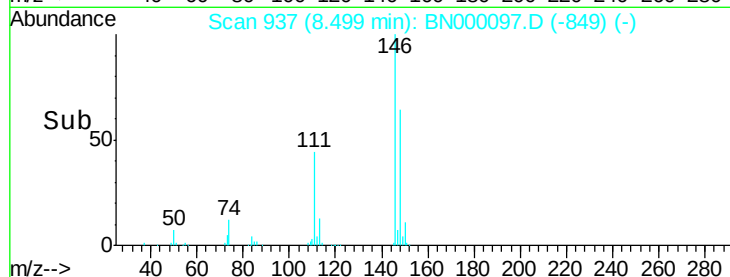
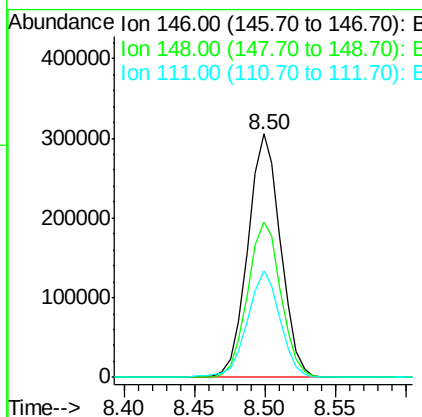
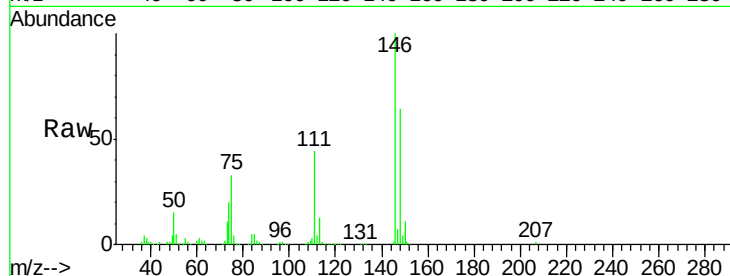




#13
 1,4-Dichlorobenzene
 Concen: 18.79 ng
 RT: 8.50 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BN000097.D
 Acq: 15 Feb 2018 15:16

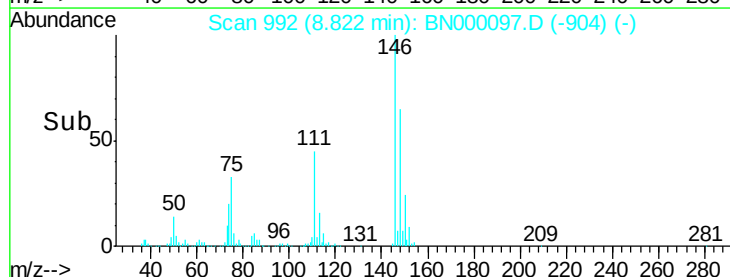
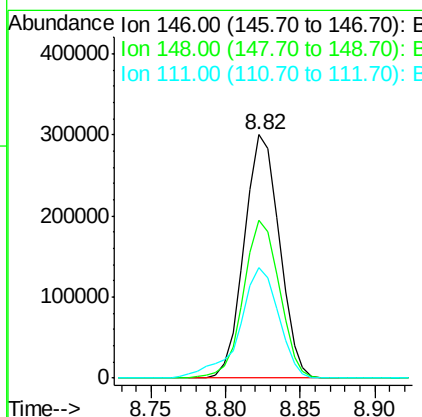
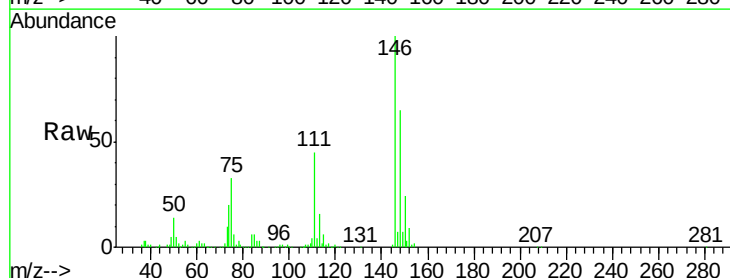
Instrument :
 BNA_N
 ClientSampleId :

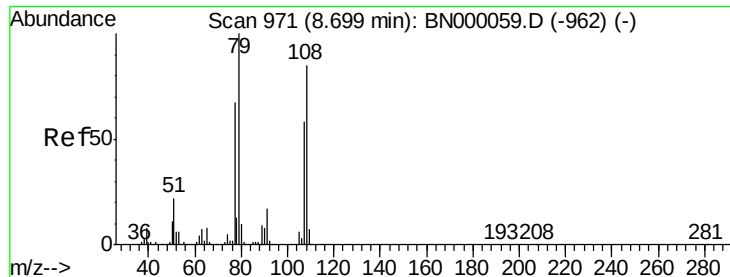
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	53.7	80.5
111	43.8	35.2	52.8



#14
 1,2-Dichlorobenzene
 Concen: 18.89 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BN000097.D
 Acq: 15 Feb 2018 15:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	49.3	73.9
111	45.2	34.3	51.5





#15

Benzyl Alcohol

Concen: 17.75 ng

RT: 8.69 min Scan# 970

Delta R.T. -0.01 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

Instrument :

BNA_N

ClientSampleId :

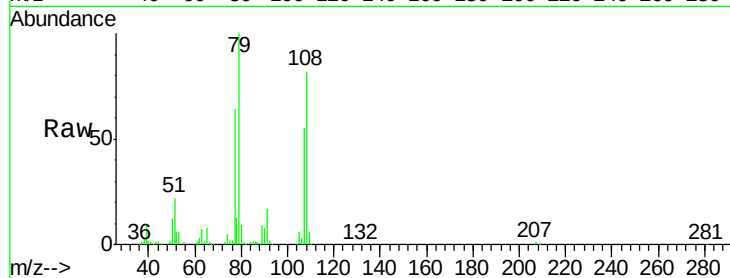
Tot Ion: 79 Resp: 375349

Ion Ratio Lower Upper

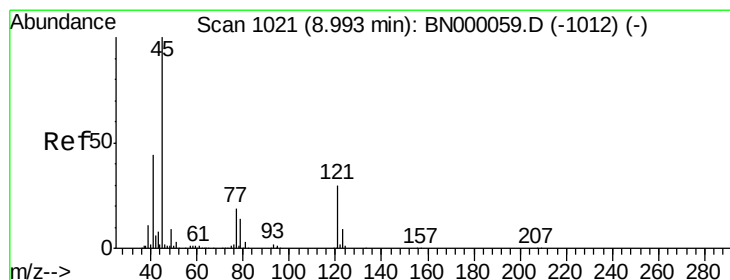
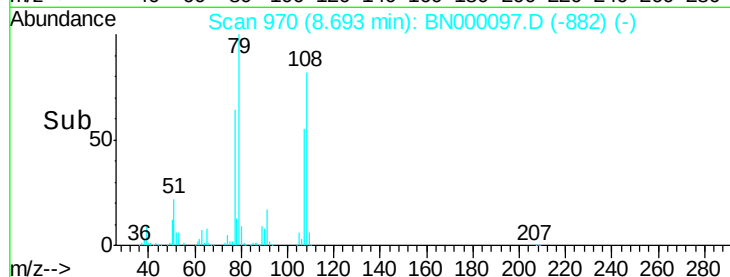
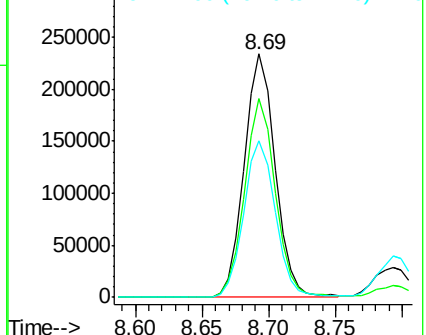
79 100

108 81.8 57.2 85.8

77 64.4 46.1 69.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 18.83 ng

RT: 8.99 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

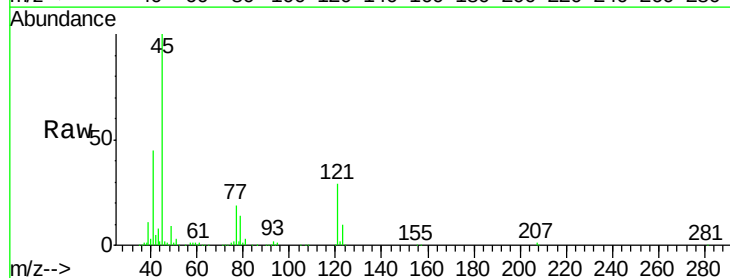
Tgt Ion: 45 Resp: 508894

Ion Ratio Lower Upper

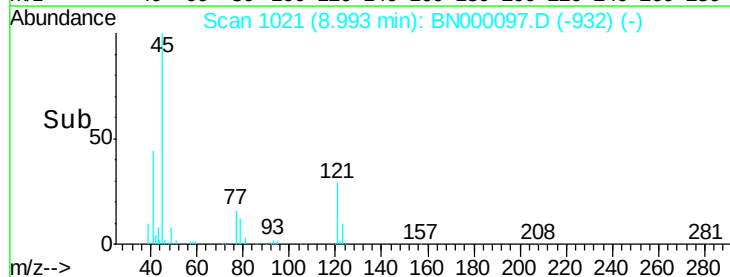
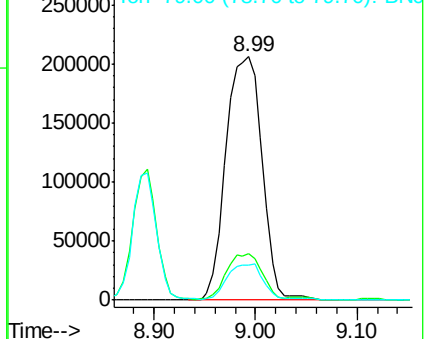
45 100

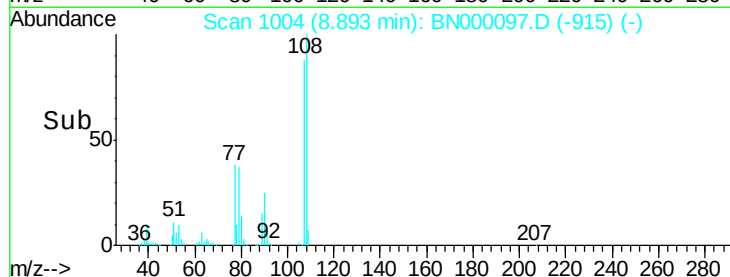
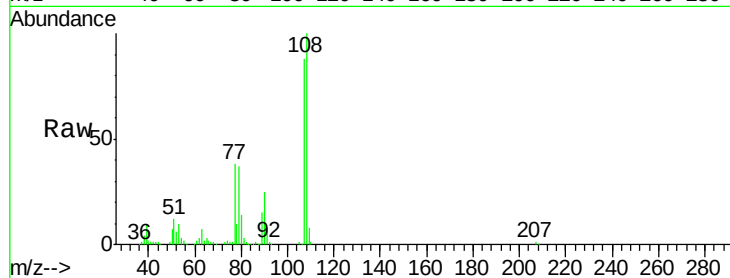
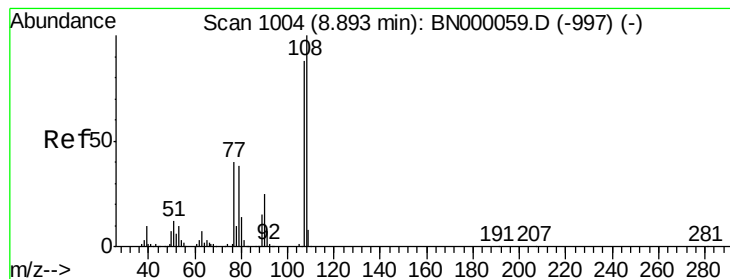
77 19.2 0.0 30.2

79 14.3 0.0 27.9



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





#17

2-Methylphenol

Concen: 18.58 ng

RT: 8.89 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

Instrument :

BNA_N

ClientSampled :

Tot Ion:107 Resp: 409990

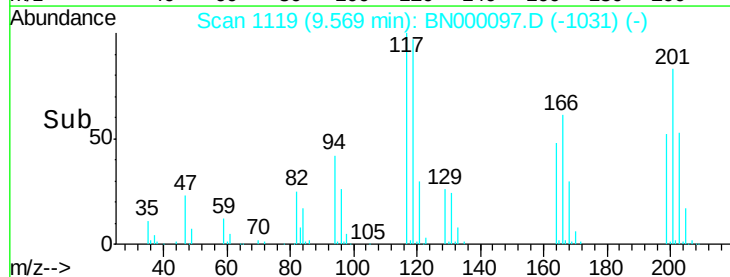
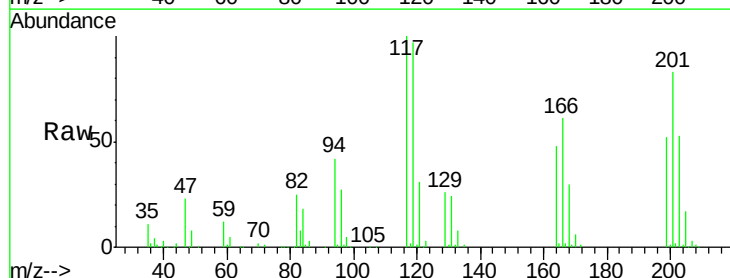
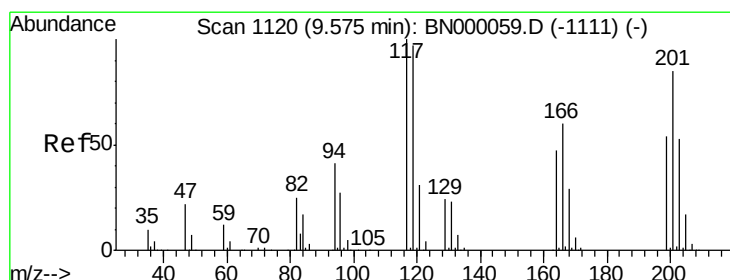
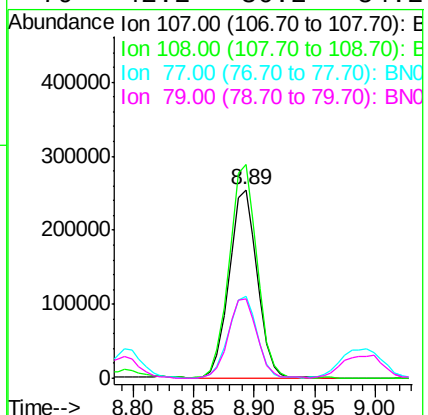
Ion Ratio Lower Upper

107 100

108 113.2 83.9 125.9

77 43.4 37.2 55.8

79 42.2 36.2 54.2



#18

Hexachloroethane

Concen: 18.12 ng

RT: 9.57 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

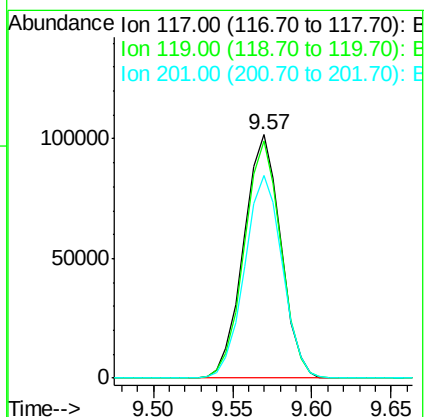
Tgt Ion:117 Resp: 166211

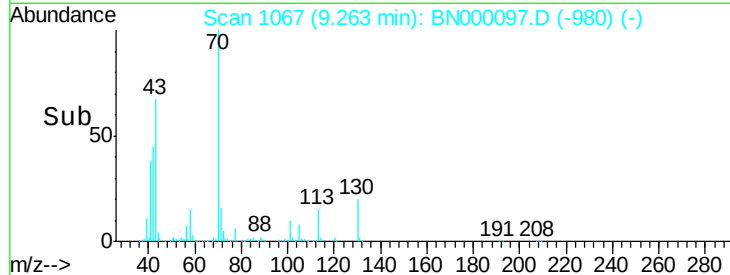
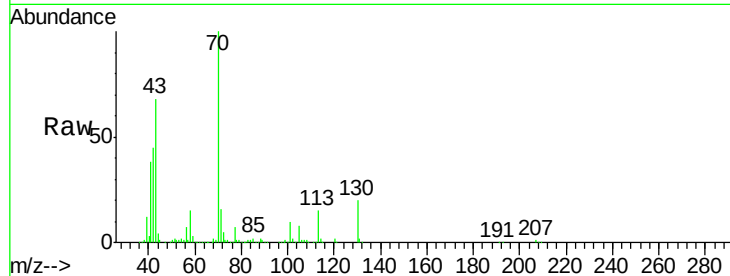
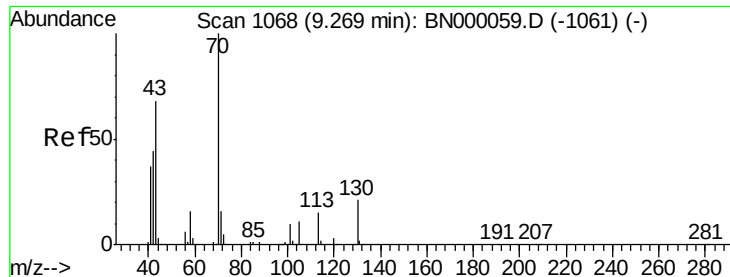
Ion Ratio Lower Upper

117 100

119 97.2 76.7 115.1

201 83.1 95.7 143.5#

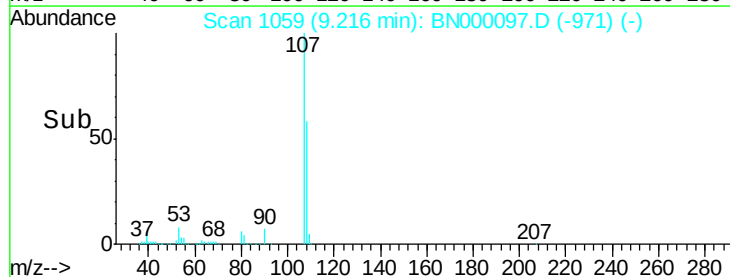
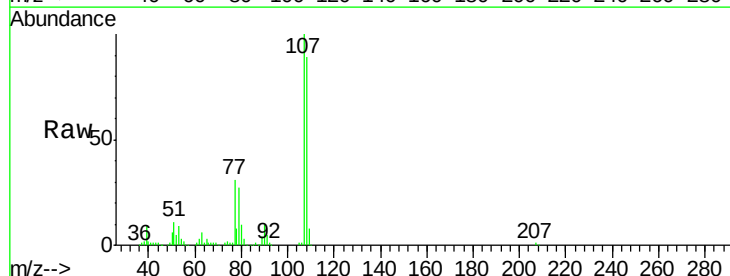
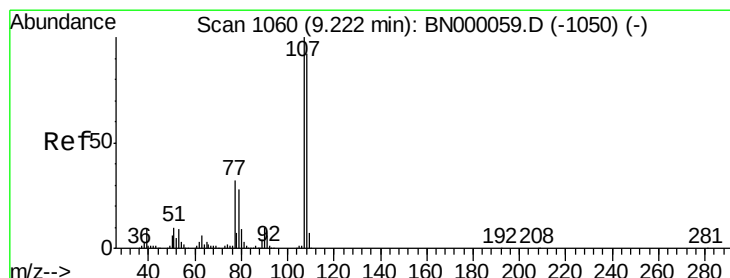
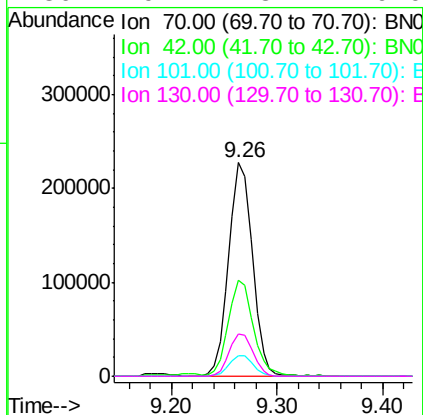




#19
n-Nitroso-di-n-propylamine
Concen: 17.89 ng
RT: 9.26 min Scan# 1067
Delta R.T. -0.02 min
Lab File: BN000097.D
Acq: 15 Feb 2018 15:16

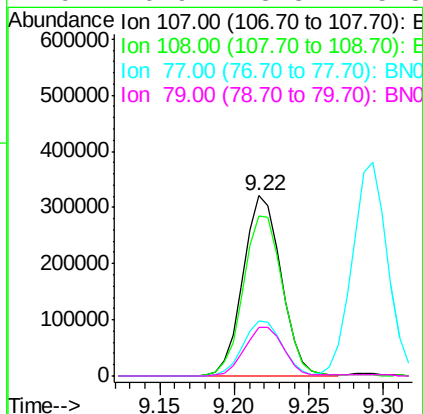
Instrument :
BNA_N
ClientSampleId :

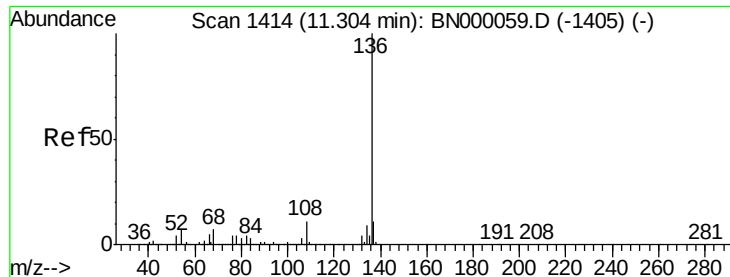
Tot Ion:	70	Resp:	352697
Ion Ratio	Lower	Upper	
70	100		
42	45.2	49.1	73.7#
101	9.8	8.5	12.7
130	19.7	13.4	20.0



#20
3+4-Methylphenols
Concen: 18.45 ng
RT: 9.22 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BN000097.D
Acq: 15 Feb 2018 15:16

Tgt Ion:	107	Resp:	569302
Ion Ratio	Lower	Upper	
107	100		
108	88.7	61.6	101.6
77	30.5	13.9	53.9
79	26.9	8.8	48.8

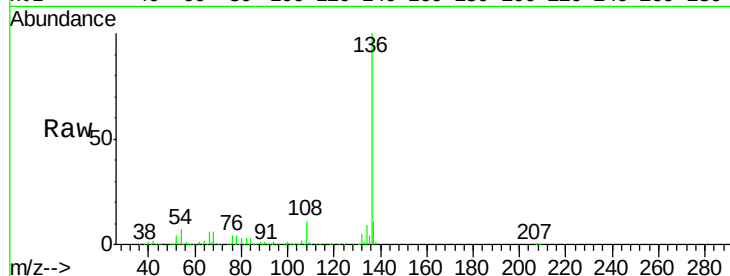




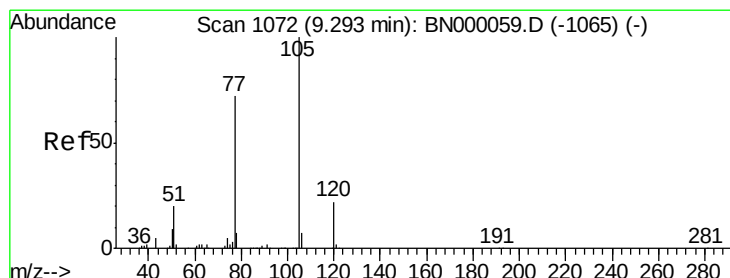
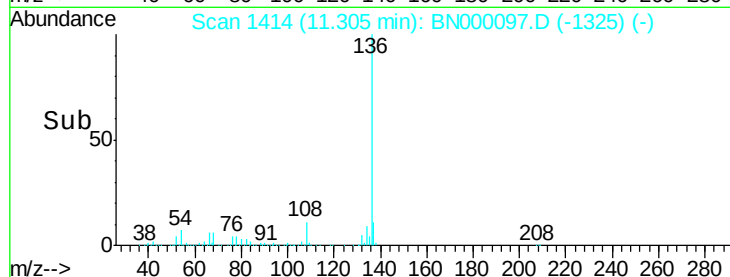
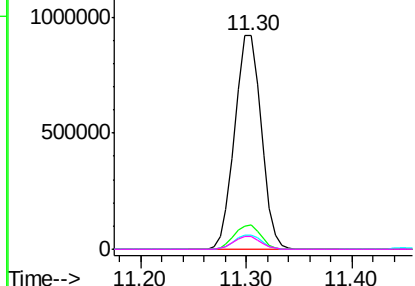
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.30 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BN000097.D
Acq: 15 Feb 2018 15:16

Instrument :
BNA_N
ClientSampleId :

Tot Ion:136	Resp: 1600531
Ion Ratio	Lower Upper
136 100	
137 11.2	9.2 13.8
54 6.7	10.3 15.5#
68 6.2	4.5 6.7



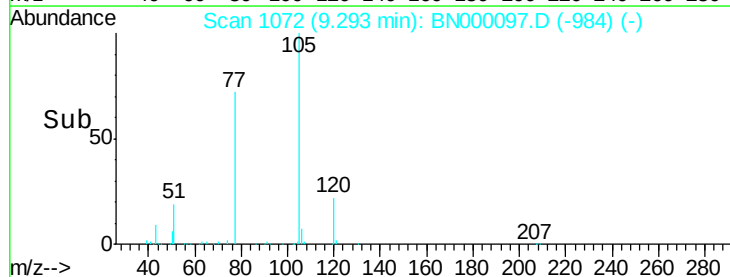
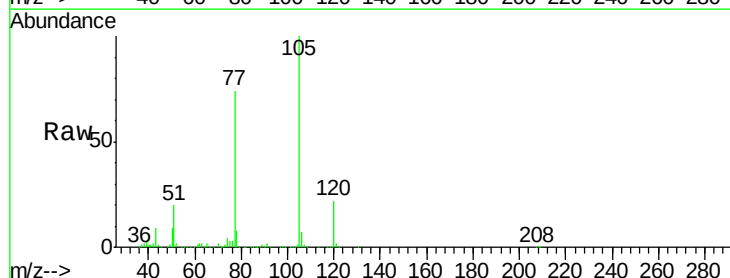
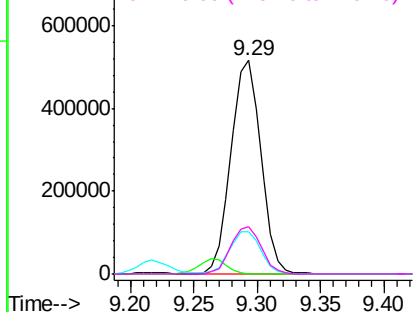
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

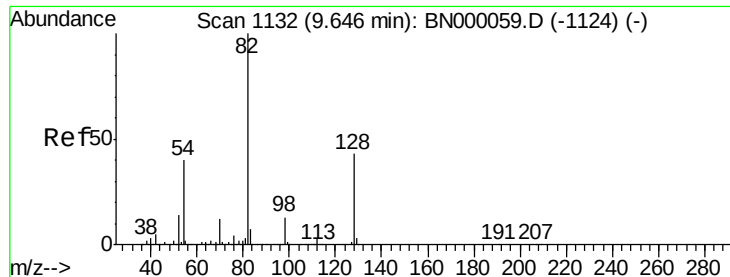


#22
Acetophenone
Concen: 18.80 ng
RT: 9.29 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BN000097.D
Acq: 15 Feb 2018 15:16

Tgt	Ion:105	Resp:	843380
Ion	Ratio	Lower	Upper
105	100		
71	0.2	3.0	4.4#
51	19.9	26.1	39.1#
120	22.0	17.4	26.2

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

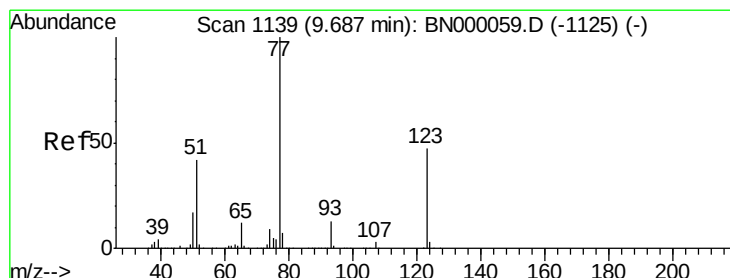
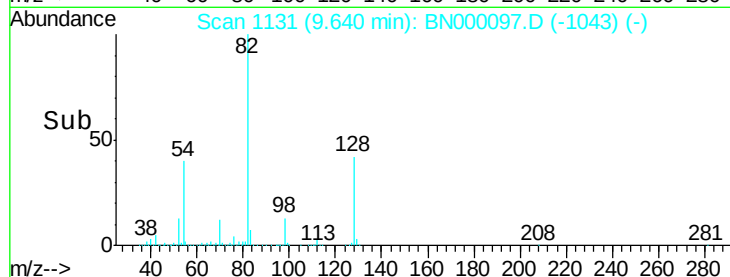
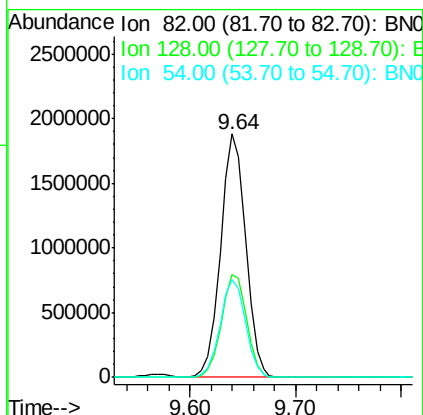
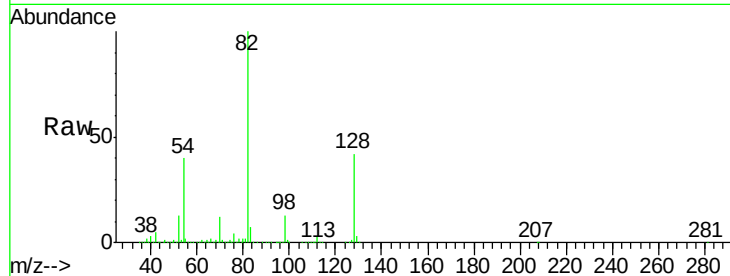




#23
 Nitrobenzene-d5
 Concen: 114.98 ng
 RT: 9.64 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: BN000097.D
 Acq: 15 Feb 2018 15:16

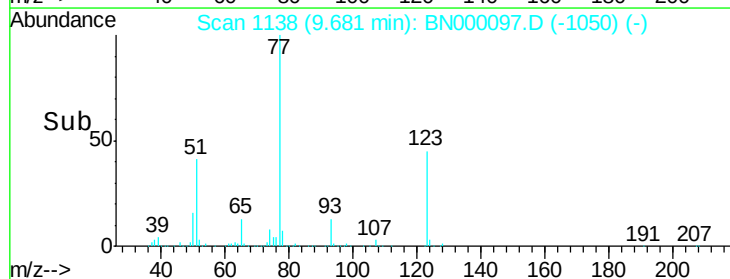
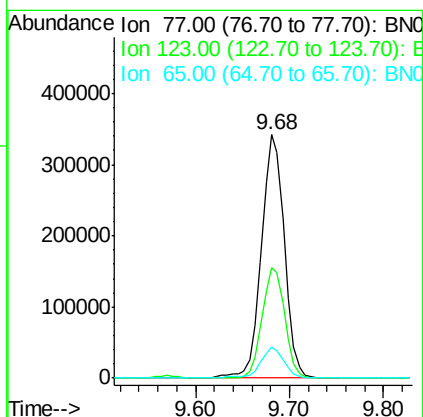
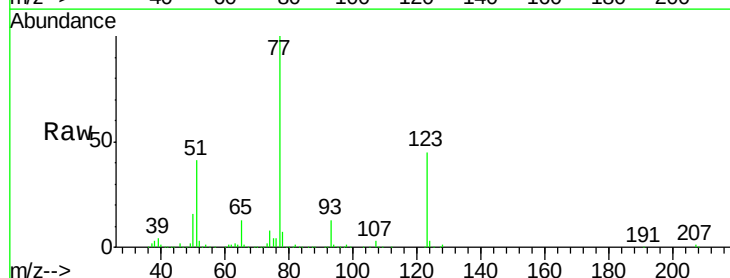
Instrument :
 BNA_N
 ClientSampleId :

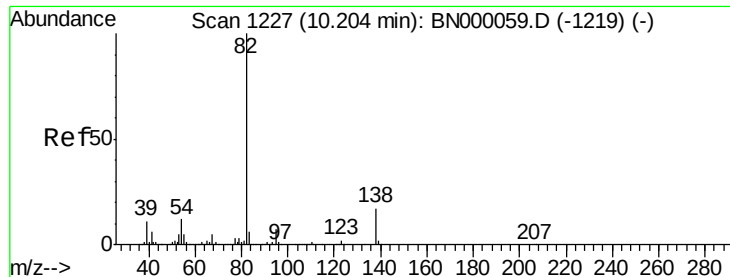
Tot Ion: 82 Resp: 3095108
 Ion Ratio Lower Upper
 82 100
 128 42.2 29.7 44.5
 54 40.0 43.1 64.7#



#24
 Nitrobenzene
 Concen: 19.54 ng
 RT: 9.68 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BN000097.D
 Acq: 15 Feb 2018 15:16

Tgt Ion: 77 Resp: 575105
 Ion Ratio Lower Upper
 77 100
 123 45.3 33.0 49.6
 65 12.6 13.0 19.6#





#25

Isophorone

Concen: 17.68 ng

RT: 10.20 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

Instrument :

BNA_N

ClientSampleId :

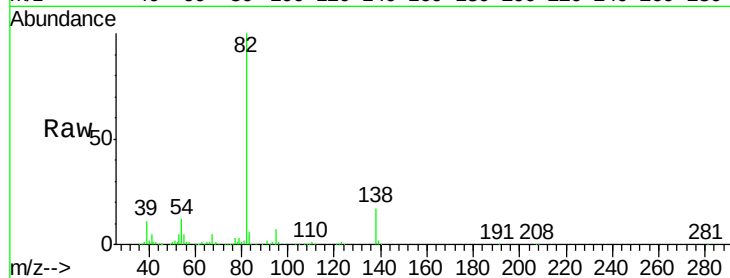
Tot Ion: 82 Resp: 983801

Ion Ratio Lower Upper

82 100

95 7.1 6.2 9.2

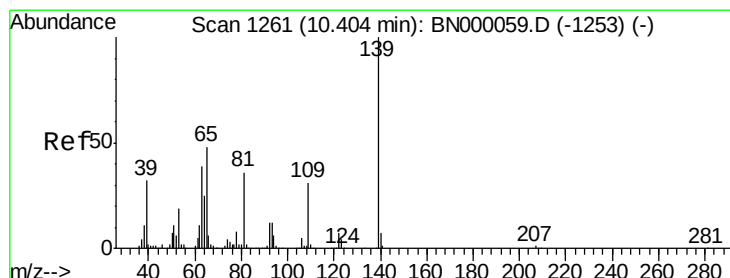
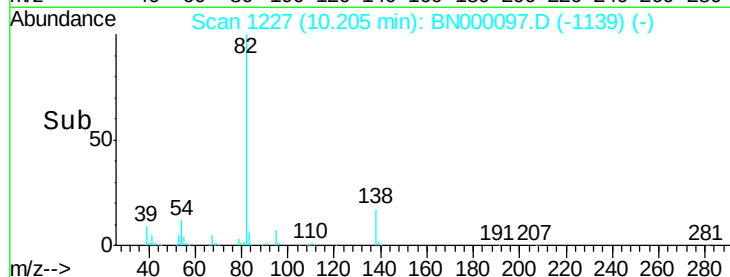
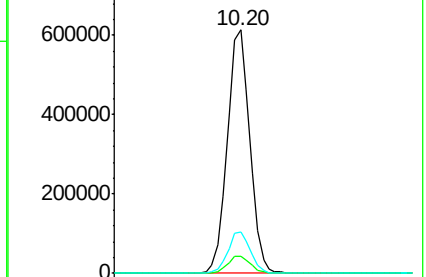
138 17.2 12.1 18.1



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: 19.23 ng

RT: 10.40 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

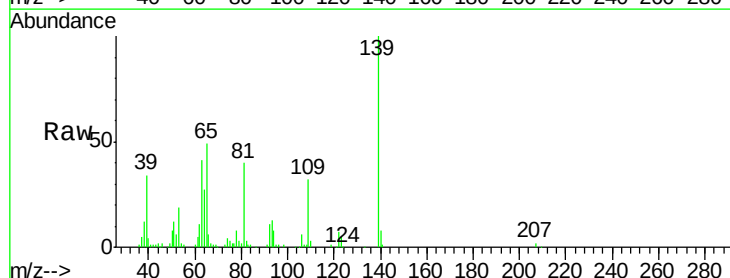
Tgt Ion: 139 Resp: 170695

Ion Ratio Lower Upper

139 100

109 32.0 24.2 36.2

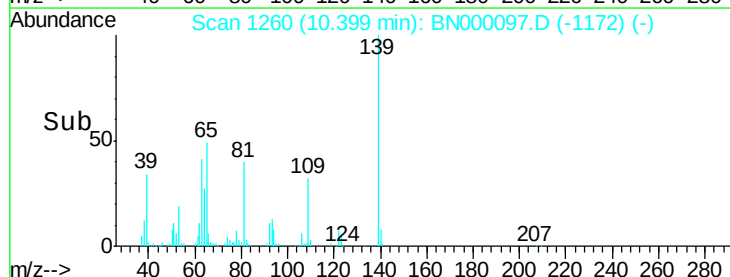
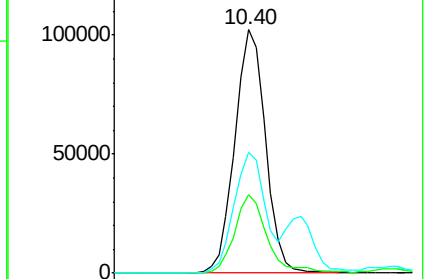
65 49.5 47.4 71.0

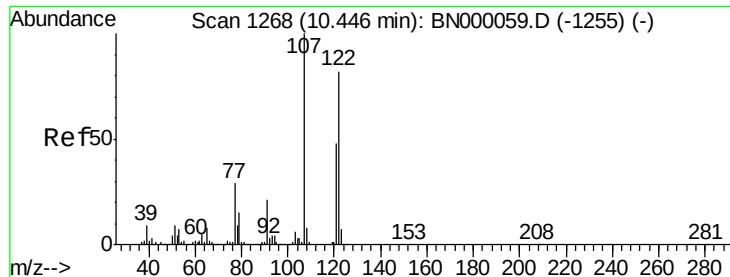


Abundance Ion 139.00 (138.70 to 139.70): BN000059.D (-1253) (-)

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

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

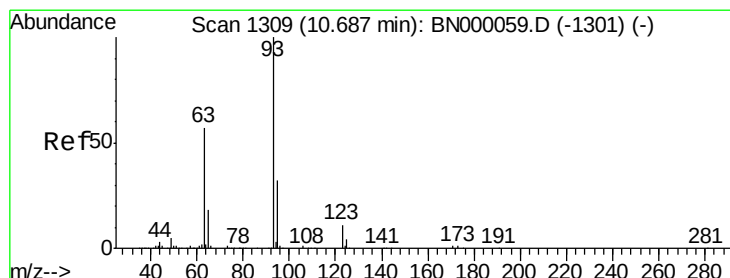
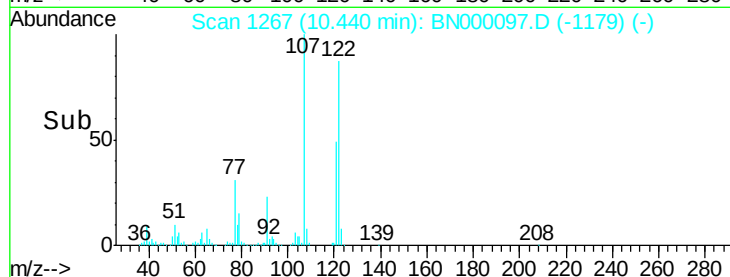
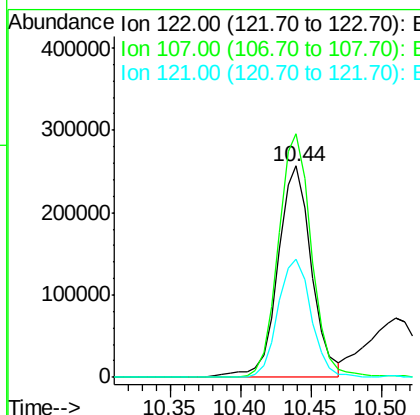
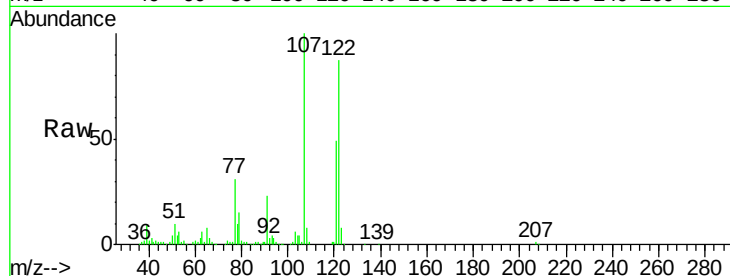




#27
2,4-Dimethylphenol
Concen: 17.63 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BN000097.D
Acq: 15 Feb 2018 15:16

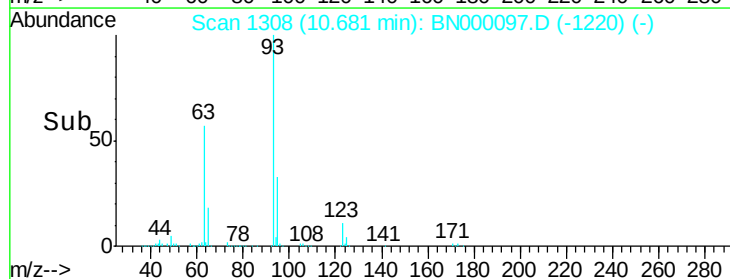
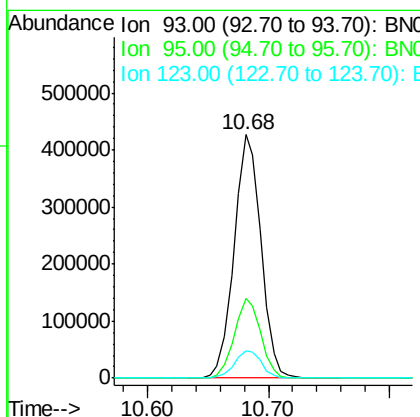
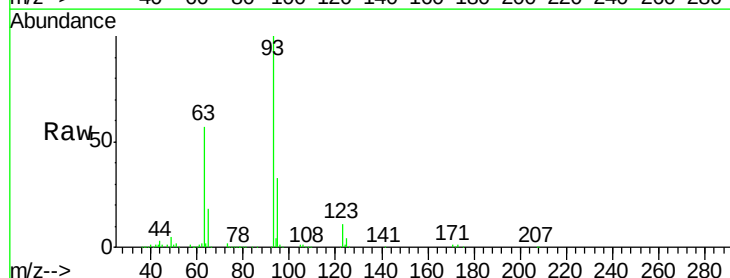
Instrument :
BNA_N
ClientSampleId :

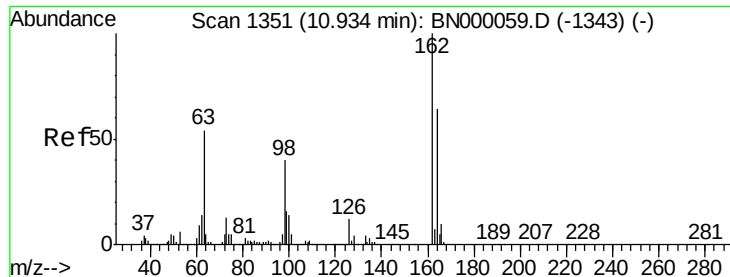
Tot Ion	Ratio	Lower	Upper
122	100		
107	115.1	100.2	150.2
121	56.1	44.4	66.6



#28
bis(2-Chloroethoxy)methane
Concen: 18.54 ng
RT: 10.68 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BN000097.D
Acq: 15 Feb 2018 15:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	24.3	36.5
123	11.2	8.4	12.6

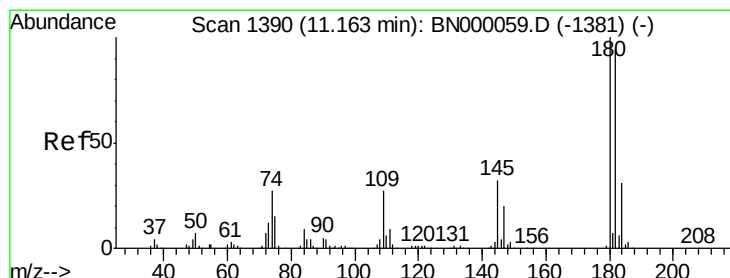
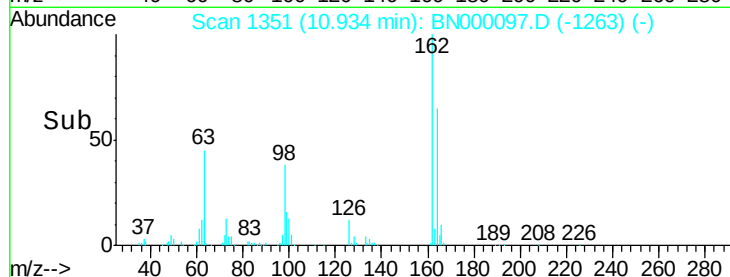
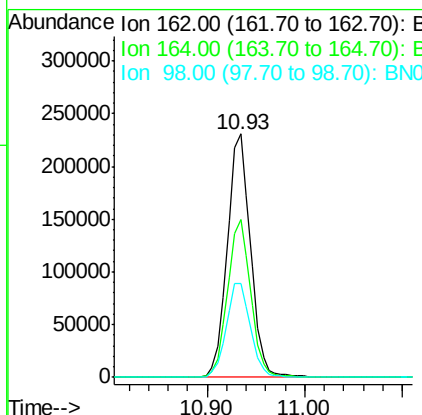
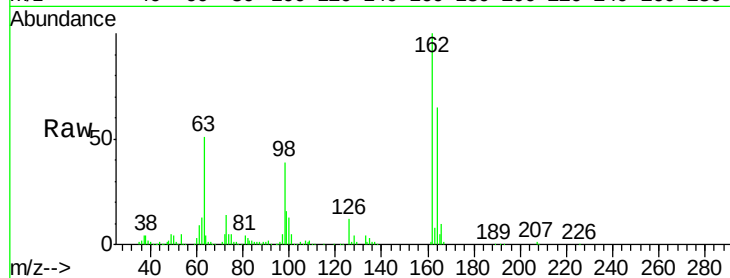




#29
2,4-Dichlorophenol
Concen: 17.12 ng
RT: 10.93 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BN000097.D
Acq: 15 Feb 2018 15:16

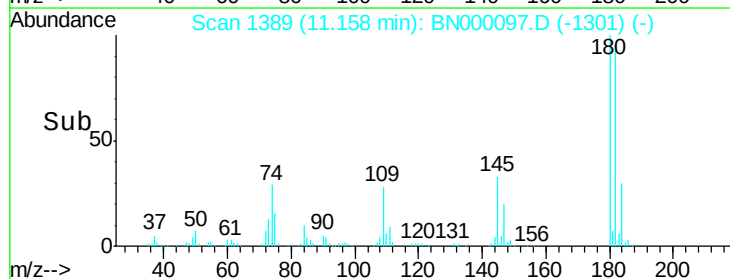
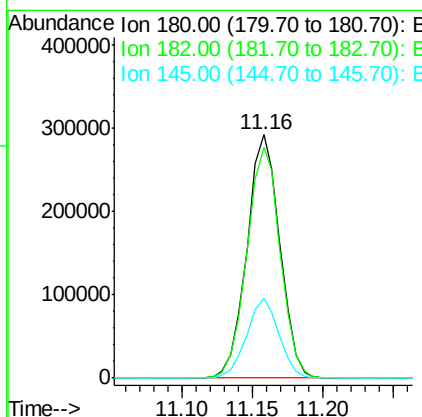
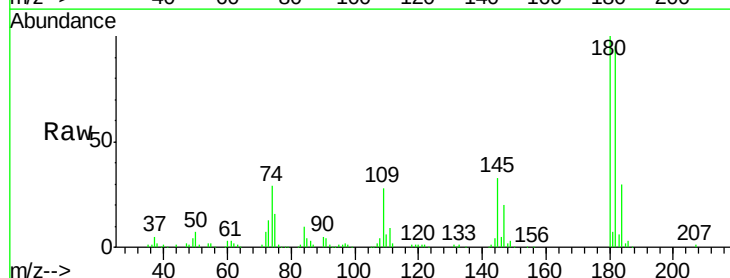
Instrument :
BNA_N
ClientSampled :

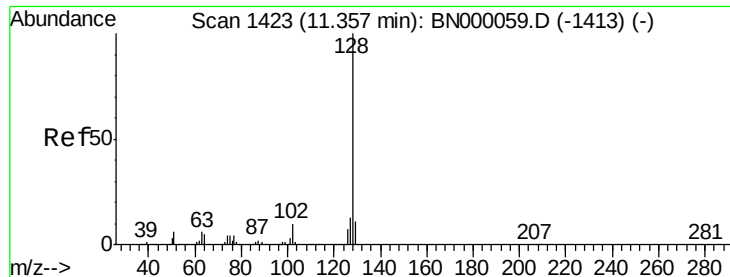
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	48.0	88.0
98	38.7	21.1	61.1



#30
1,2,4-Trichlorobenzene
Concen: 18.57 ng
RT: 11.16 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BN000097.D
Acq: 15 Feb 2018 15:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	77.5	116.3
145	32.5	23.4	35.2

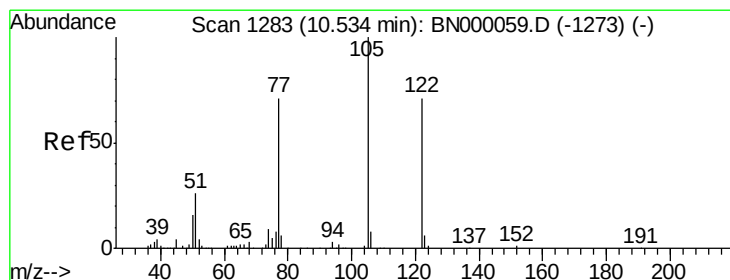
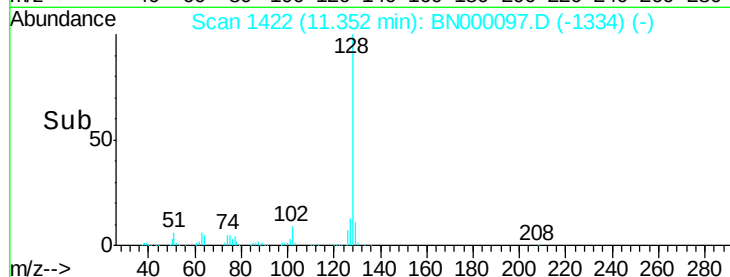
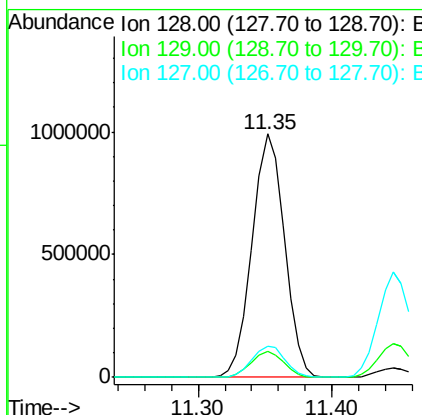
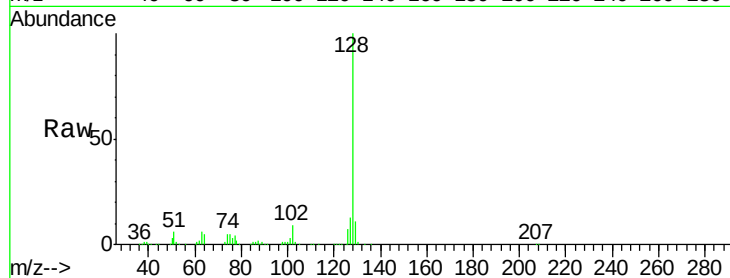




#31
Naphthalene
Concen: 18.97 ng
RT: 11.35 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BN000097.D
Acq: 15 Feb 2018 15:16

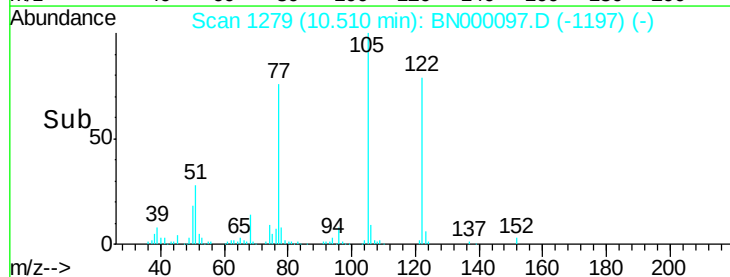
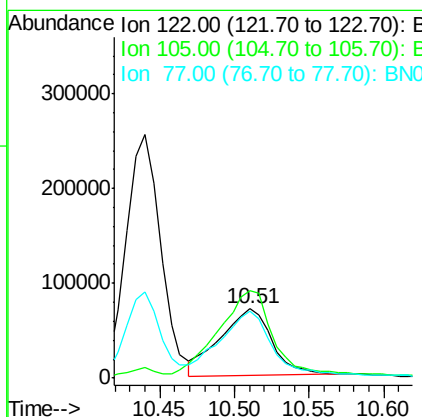
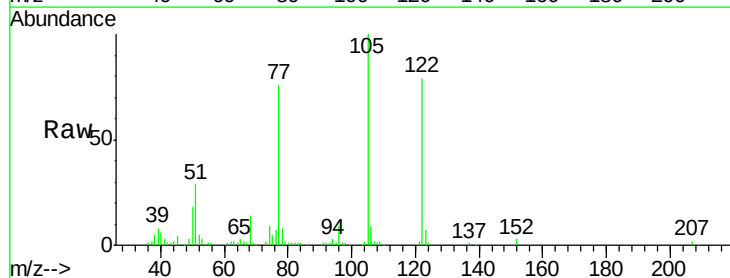
Instrument :
BNA_N
ClientSampleId :

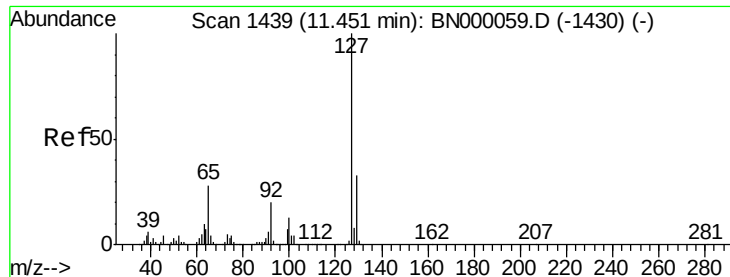
Tot Ion:128 Resp: 1664807
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 13.0 11.6 17.4



#32
Benzoic acid
Concen: 17.89 ng
RT: 10.51 min Scan# 1279
Delta R.T. -0.05 min
Lab File: BN000097.D
Acq: 15 Feb 2018 15:16

Tgt Ion:122 Resp: 168710
Ion Ratio Lower Upper
122 100
105 126.3 123.5 163.5
77 96.6 85.7 125.7

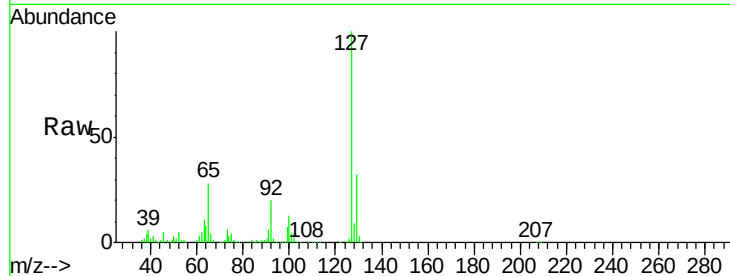




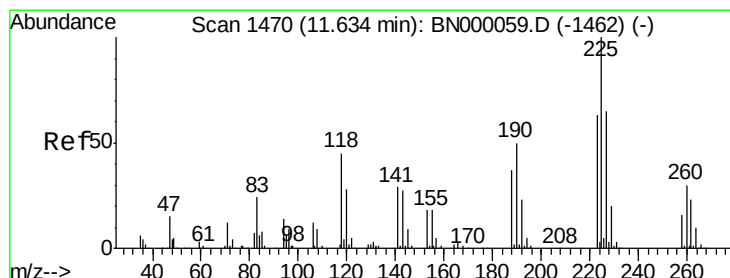
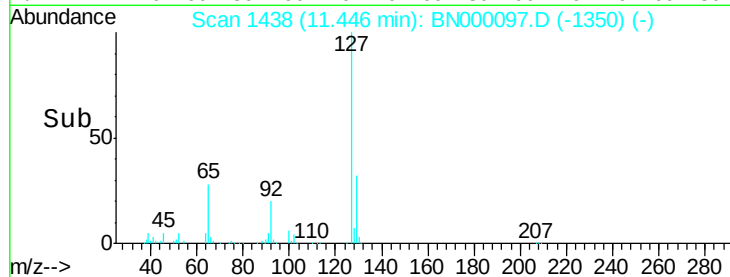
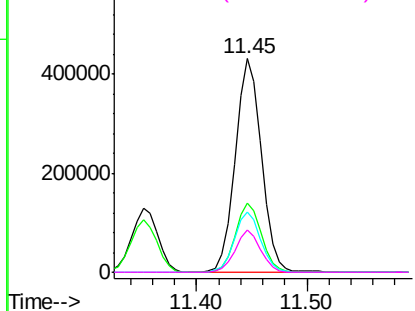
#33
4-Chloroaniline
Concen: 18.65 ng
RT: 11.45 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BN000097.D
Acq: 15 Feb 2018 15:16

Instrument :
BNA_N
ClientSampleId :

Tot Ion:	127	Resp:	718954
Ion	Ratio	Lower	Upper
127	100		
129	32.3	24.0	36.0
65	28.4	27.0	40.4
92	19.7	16.6	25.0

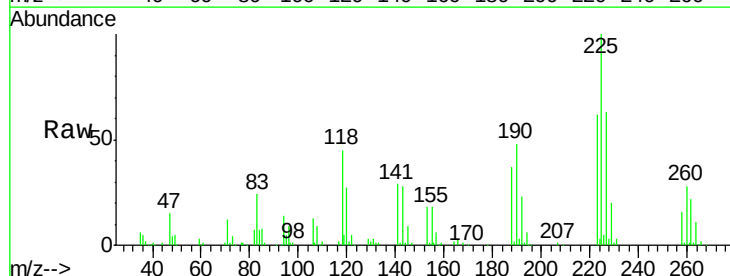


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

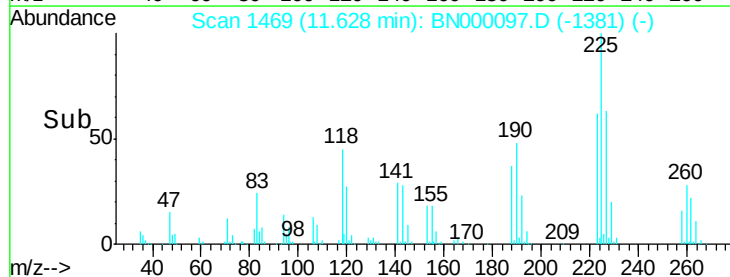
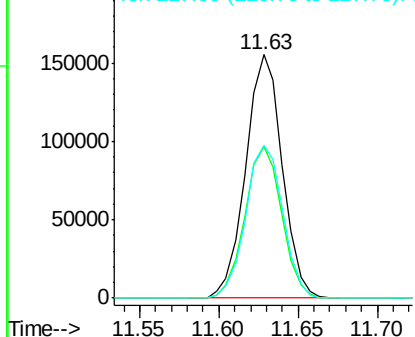


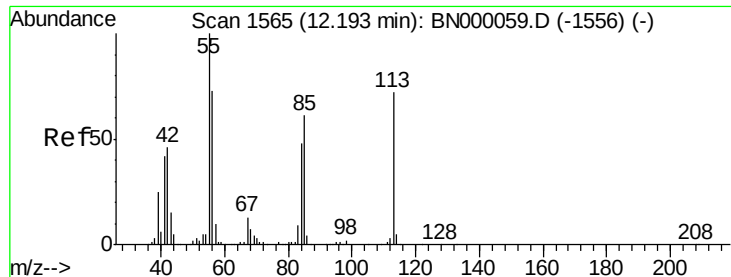
#34
Hexachlorobutadiene
Concen: 18.62 ng
RT: 11.63 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BN000097.D
Acq: 15 Feb 2018 15:16

Tgt Ion:	225	Resp:	248248
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.7	74.5
227	62.8	48.1	72.1



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





#35

Caprolactam

Concen: 17.68 ng

RT: 12.18 min Scan# 1563

Delta R.T. -0.02 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

Instrument :

BNA_N

ClientSampled :

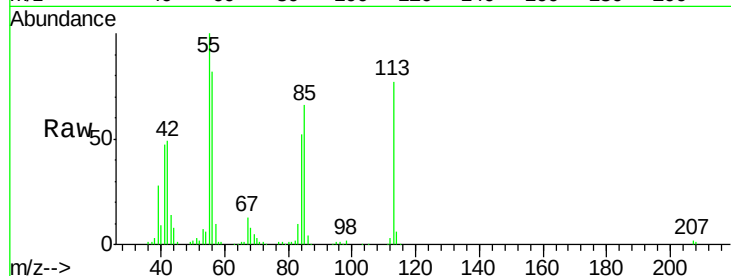
Tot Ion:113 Resp: 145465

Ion Ratio Lower Upper

113 100

55 130.0 120.0 160.0

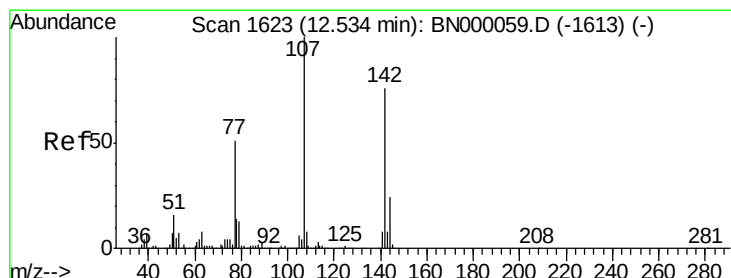
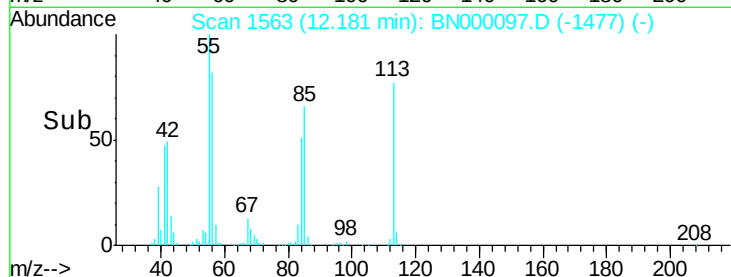
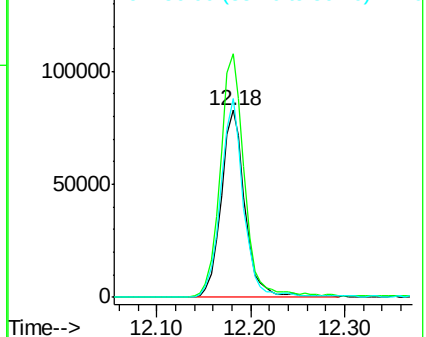
56 106.3 90.0 130.0



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: 17.25 ng

RT: 12.53 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

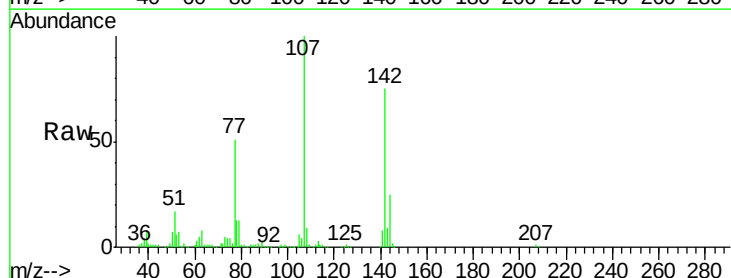
Tgt Ion:107 Resp: 489085

Ion Ratio Lower Upper

107 100

144 24.8 18.2 27.4

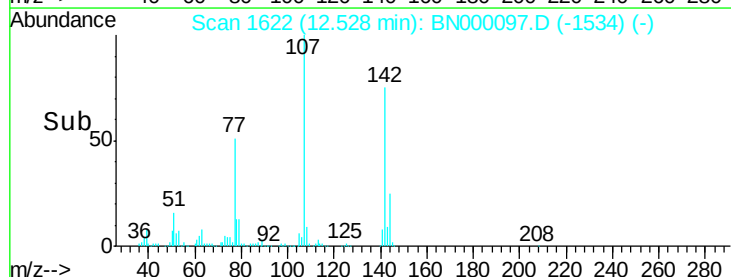
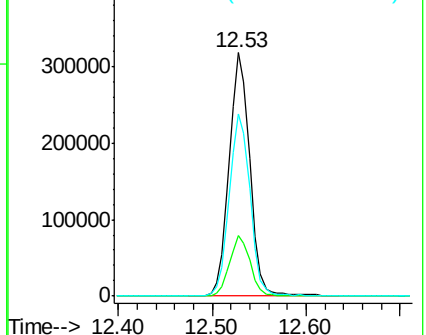
142 75.1 59.0 88.4

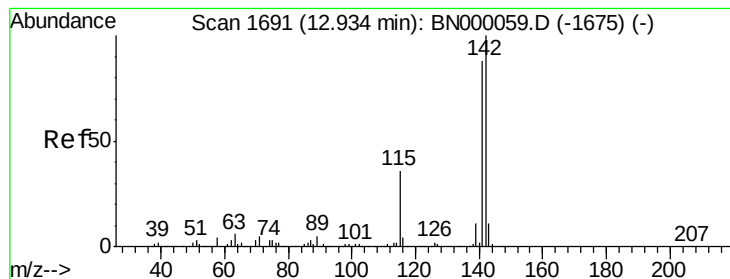


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

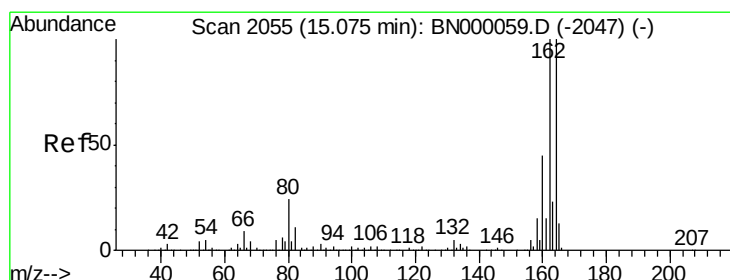
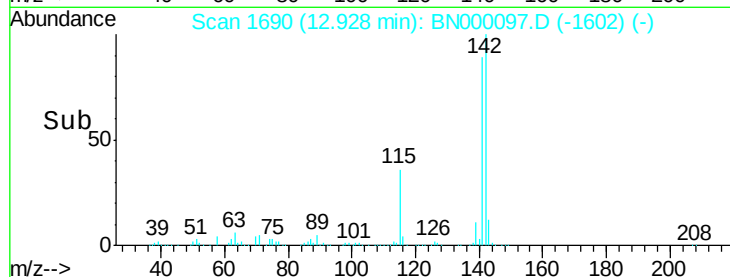
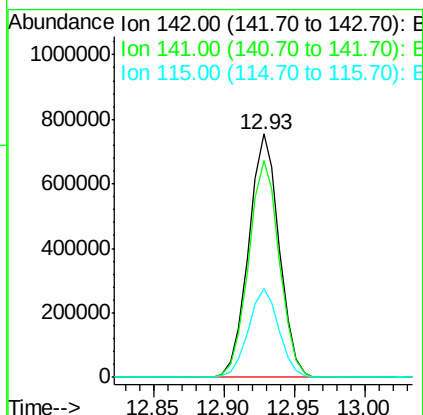
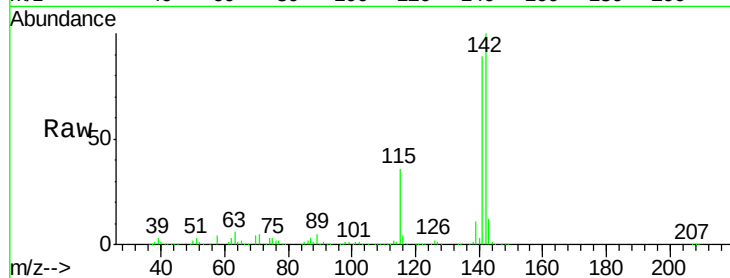




#37
2-Methylnaphthalene
Concen: 18.81 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BN000097.D
Acq: 15 Feb 2018 15:16

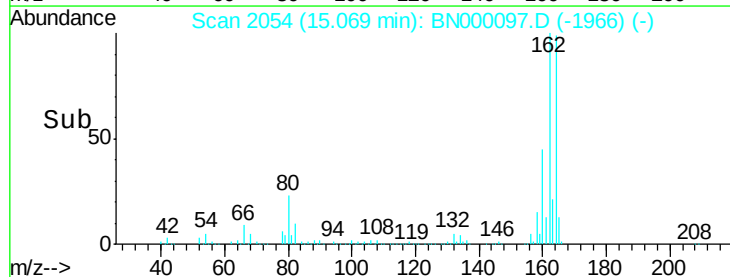
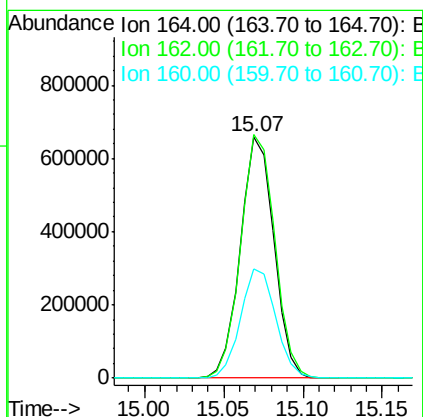
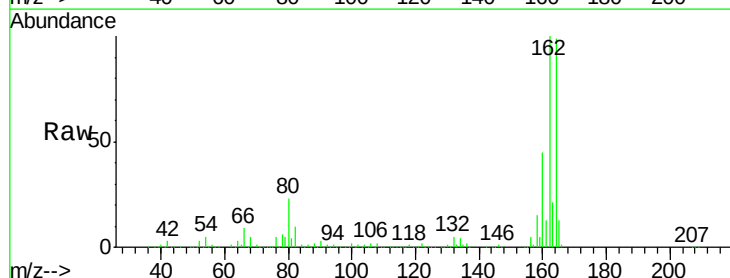
Instrument :
BNA_N
ClientSampleId :

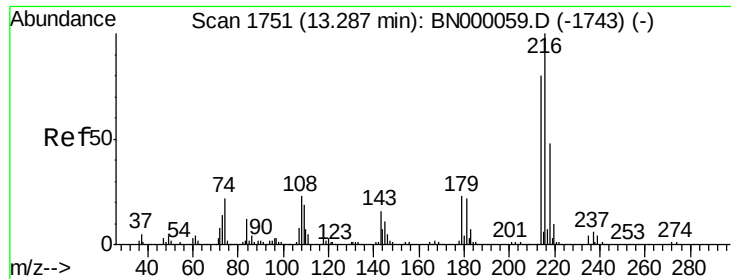
Tot Ion:142 Resp: 1148191
Ion Ratio Lower Upper
142 100
141 89.1 67.1 100.7
115 36.5 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.07 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BN000097.D
Acq: 15 Feb 2018 15:16

Tgt Ion:164 Resp: 970882
Ion Ratio Lower Upper
164 100
162 101.0 78.8 118.2
160 45.5 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 18.74 ng

RT: 13.29 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

Instrument :

BNA_N

ClientSampled :

Tot Ion:216 Resp: 536898

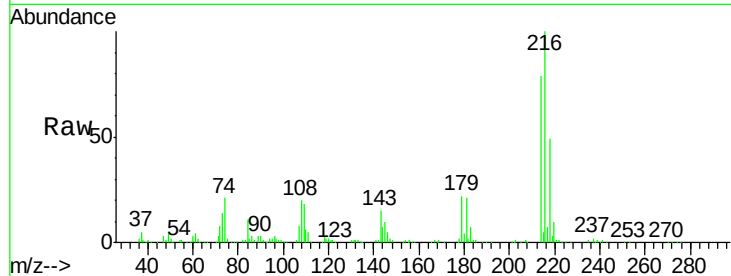
Ion Ratio Lower Upper

216 100

214 78.4 63.0 94.4

179 22.9 17.0 25.6

108 23.7 12.8 19.2#

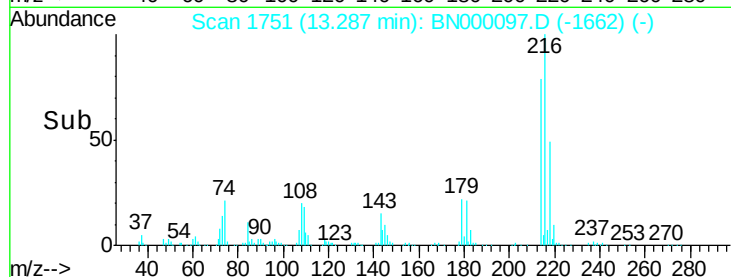


Abundance Ion 216.00 (215.70 to 216.70): E

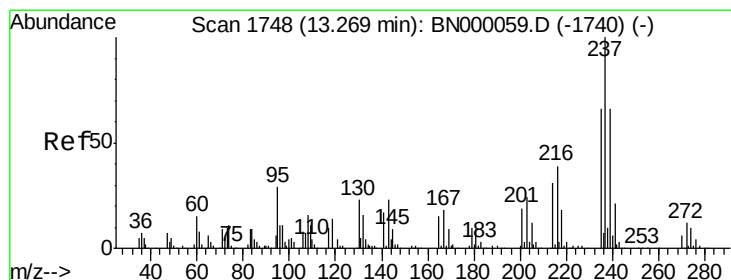
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 13.20 13.25 13.30 13.35



#40

Hexachlorocyclopentadiene

Concen: 16.94 ng

RT: 13.26 min Scan# 1747

Delta R.T. -0.01 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

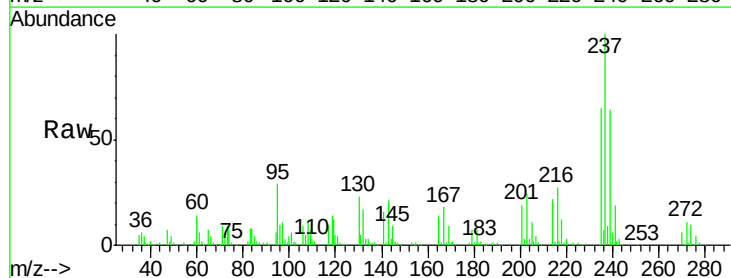
Tgt Ion:237 Resp: 202324

Ion Ratio Lower Upper

237 100

235 64.9 50.4 90.4

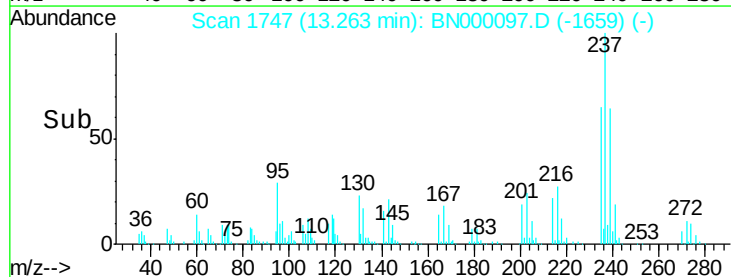
272 10.9 0.0 31.8



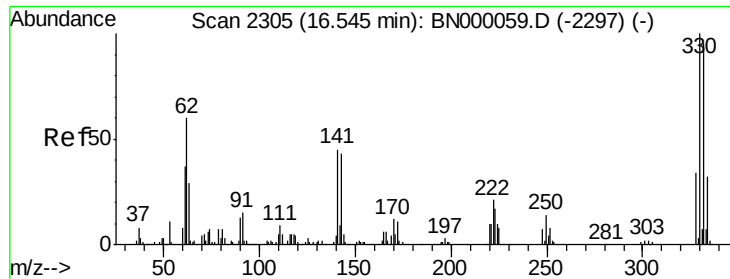
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



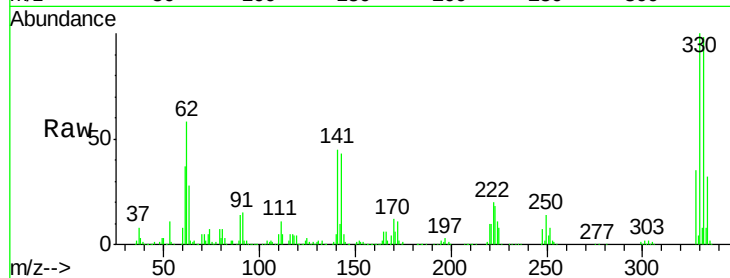
Time--> 13.20 13.25 13.30



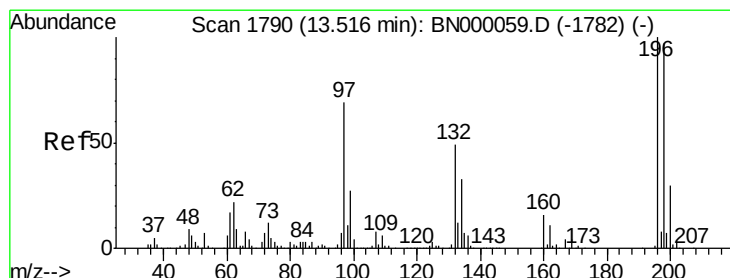
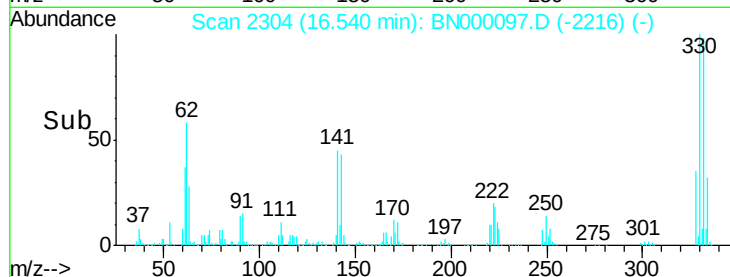
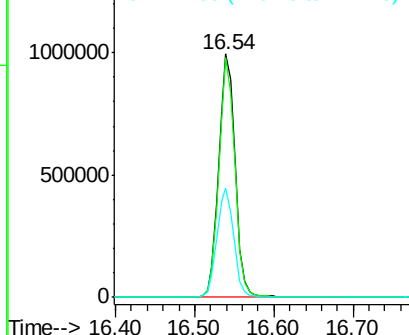
#41
 2,4,6-Tribromophenol
 Concen: 148.41 ng
 RT: 16.54 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BN000097.D
 Acq: 15 Feb 2018 15:16

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:330 Resp: 1426276
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 45.9 25.2 37.8#

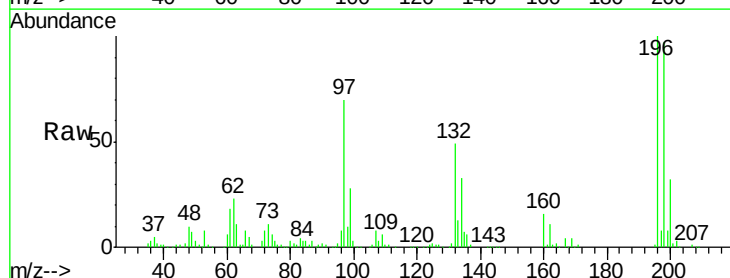


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

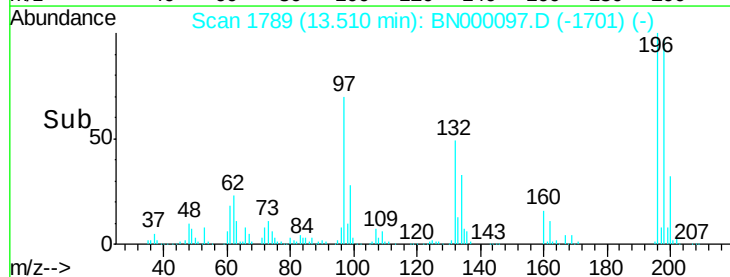
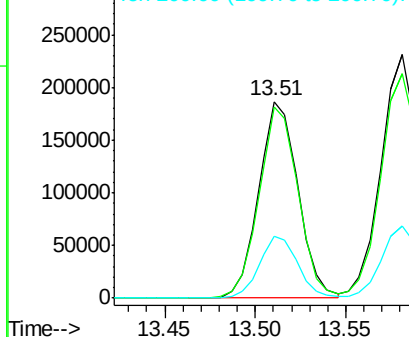


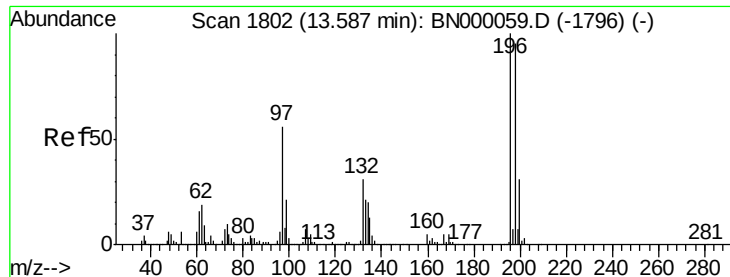
#42
 2,4,6-Trichlorophenol
 Concen: 16.39 ng
 RT: 13.51 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BN000097.D
 Acq: 15 Feb 2018 15:16

Tgt Ion:196 Resp: 281510
 Ion Ratio Lower Upper
 196 100
 198 97.0 78.2 117.2
 200 31.7 24.6 36.8



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

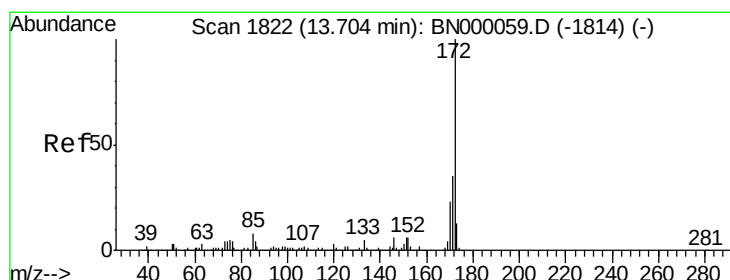
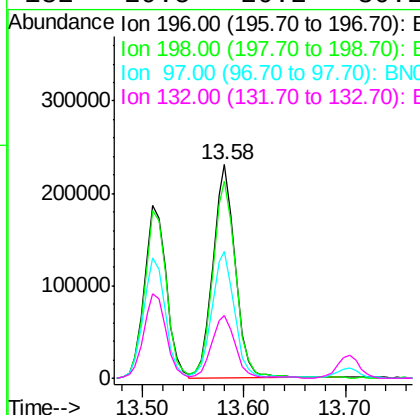
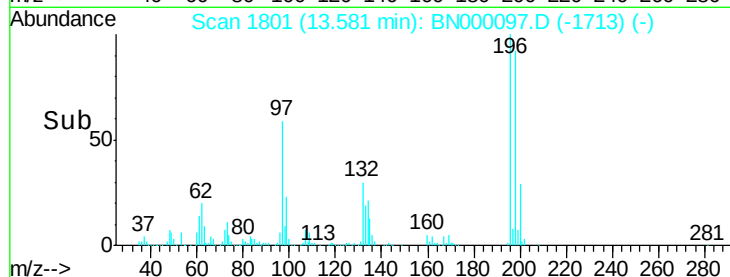
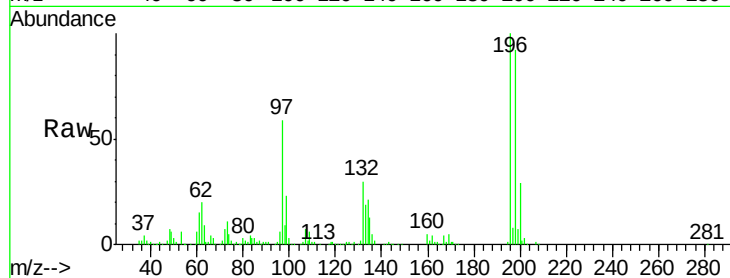




#43
2,4,5-Trichlorophenol
Concen: 17.04 ng
RT: 13.58 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BN000097.D
Acq: 15 Feb 2018 15:16

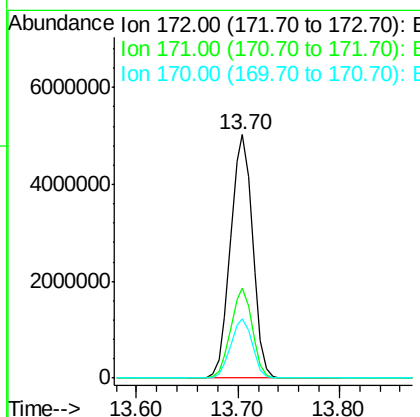
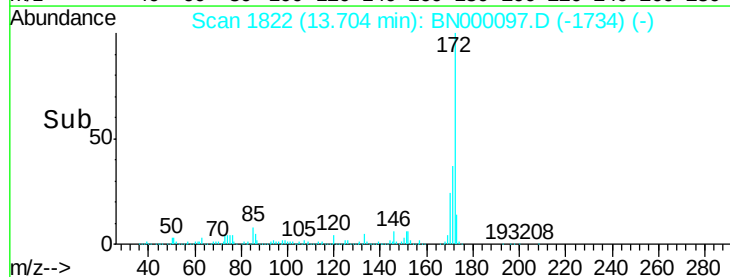
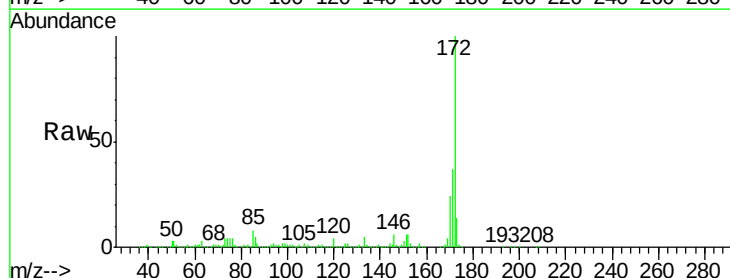
Instrument :
BNA_N
ClientSampleId :

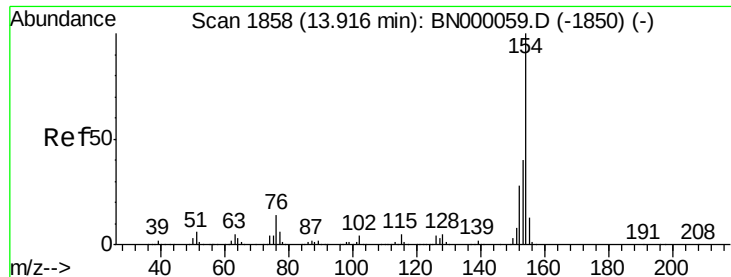
Tot Ion:196 Resp: 351911
Ion Ratio Lower Upper
196 100
198 92.4 76.2 114.4
97 59.1 38.7 58.1#
132 29.5 20.2 30.2



#44
2-Fluorobiphenyl
Concen: 109.75 ng
RT: 13.70 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BN000097.D
Acq: 15 Feb 2018 15:16

Tgt Ion:172 Resp: 7560107
Ion Ratio Lower Upper
172 100
171 37.0 30.0 45.0
170 24.3 19.5 29.3





#45

1,1'-Biphenyl

Concen: 18.96 ng

RT: 13.91 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

Instrument :

BNA_N

ClientSampleId :

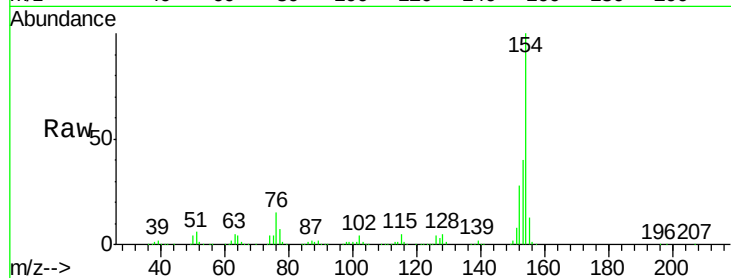
Tot Ion:154 Resp: 1621483

Ion Ratio Lower Upper

154 100

153 40.2 19.8 59.8

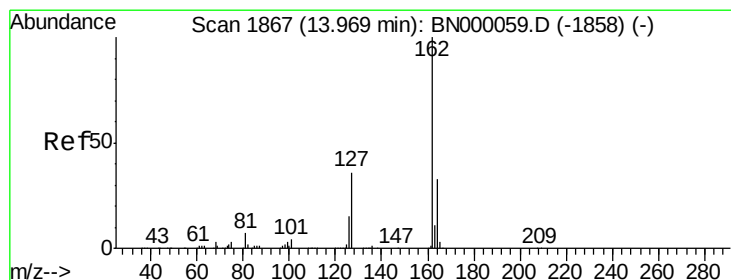
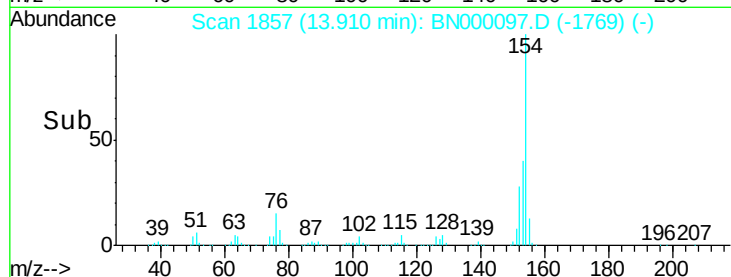
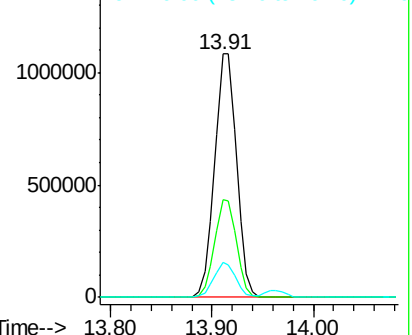
76 14.6 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNC



#46

2-Chloronaphthalene

Concen: 18.82 ng

RT: 13.96 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

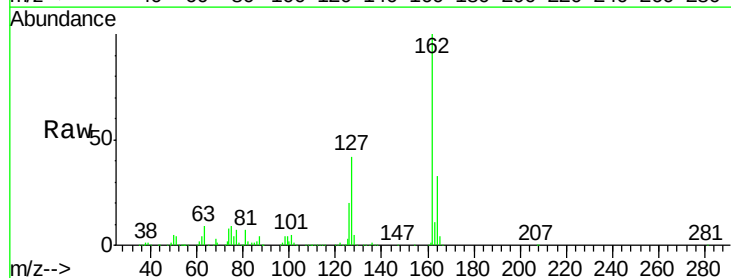
Tgt Ion:162 Resp: 1207177

Ion Ratio Lower Upper

162 100

127 41.6 30.7 46.1

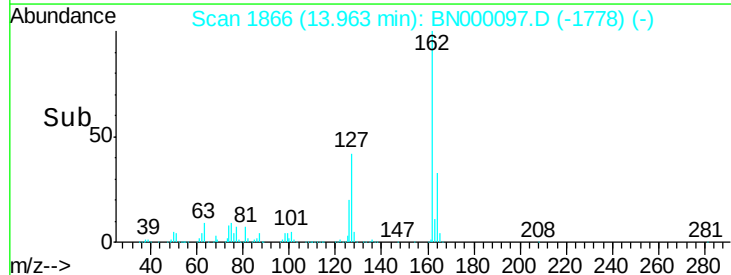
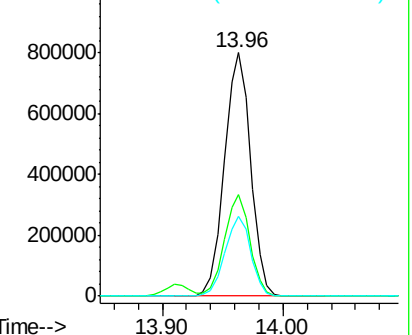
164 32.6 26.0 39.0

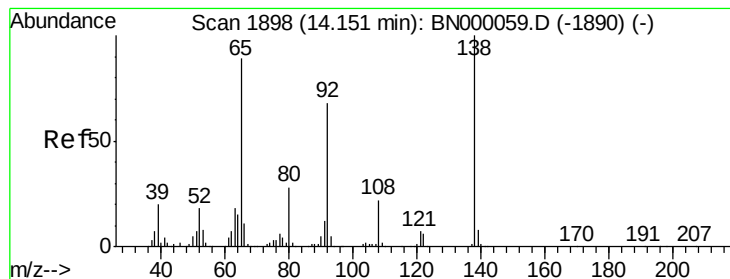


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 18.02 ng

RT: 14.15 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

Instrument :

BNA_N

ClientSampled :

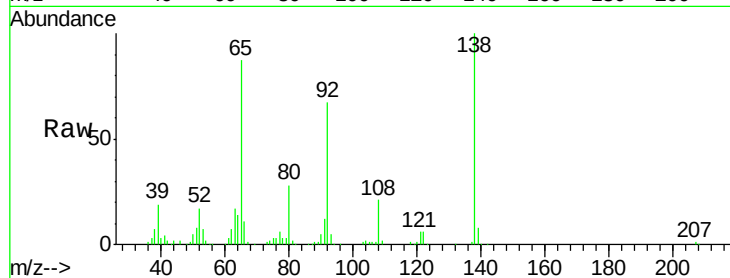
Tot Ion: 65 Resp: 275290

Ion Ratio Lower Upper

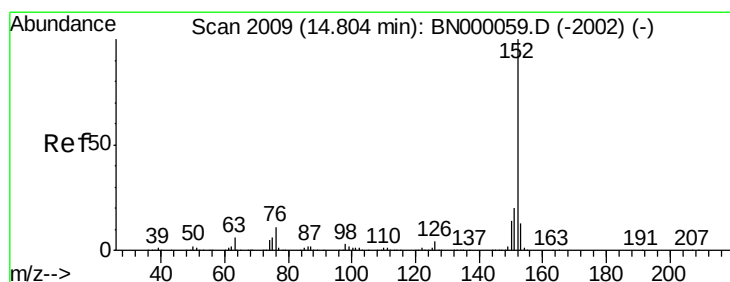
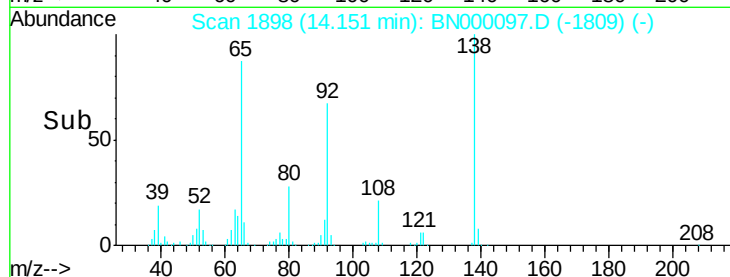
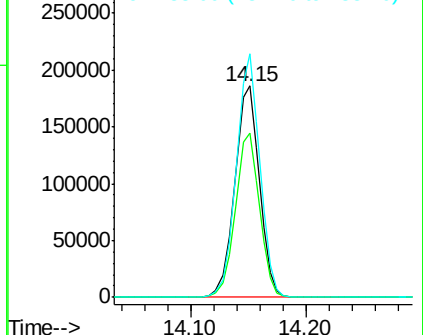
65 100

92 77.7 54.6 82.0

138 115.2 72.9 109.3#



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



#48

Acenaphthylene

Concen: 18.87 ng

RT: 14.80 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

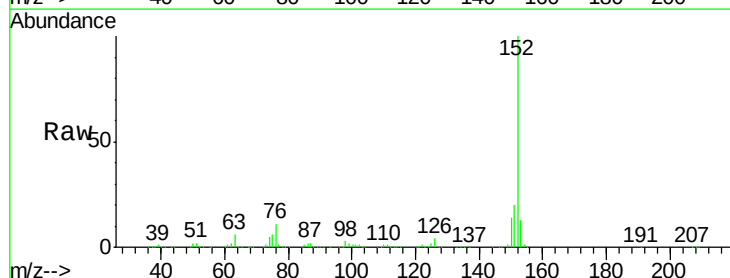
Tgt Ion: 152 Resp: 1950847

Ion Ratio Lower Upper

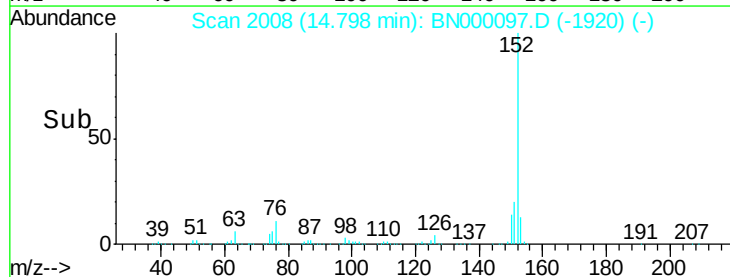
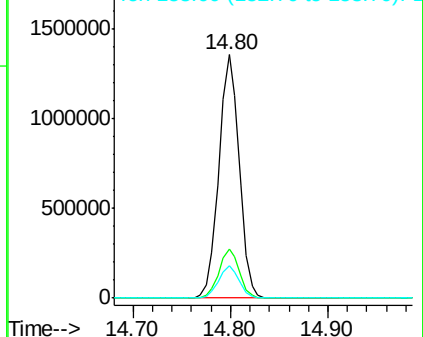
152 100

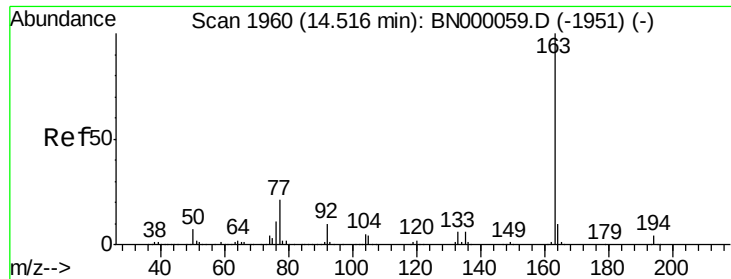
151 20.1 17.2 25.8

153 13.1 10.2 15.4



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





#49

Dimethylphthalate

Concen: 18.66 ng

RT: 14.51 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

Instrument :

BNA_N

ClientSampleId :

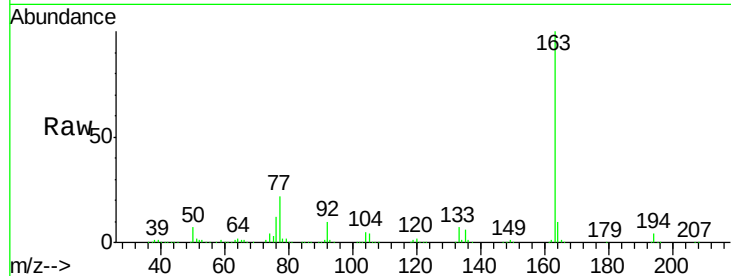
Tot Ion:163 Resp: 1514689

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

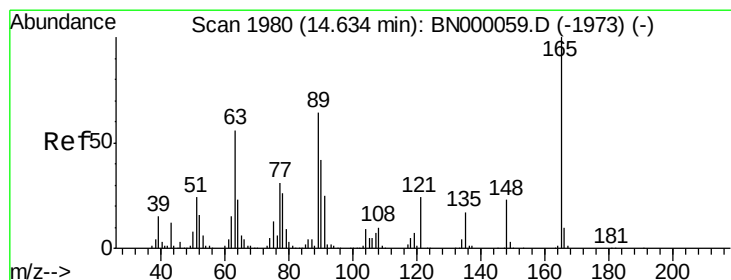
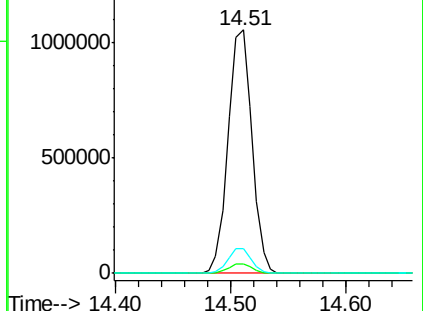
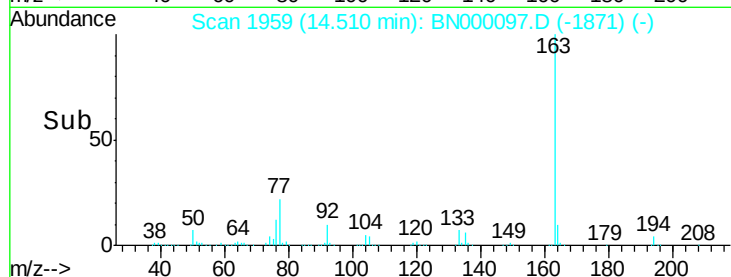
164 10.1 8.2 12.4



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: 17.21 ng

RT: 14.63 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

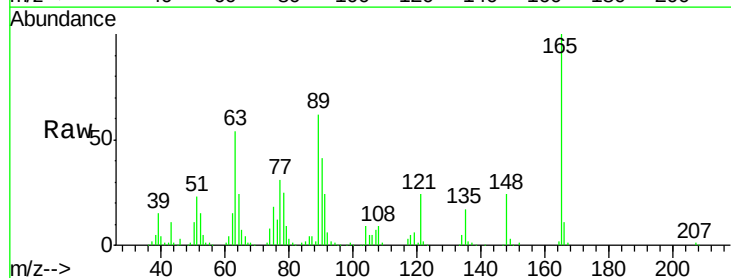
Tgt Ion:165 Resp: 288411

Ion Ratio Lower Upper

165 100

63 54.2 52.7 79.1

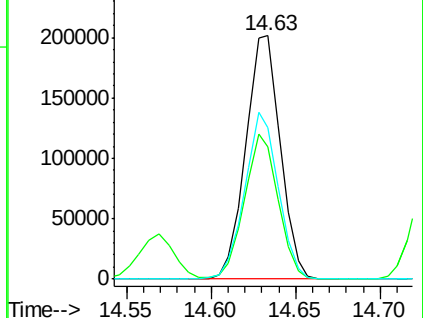
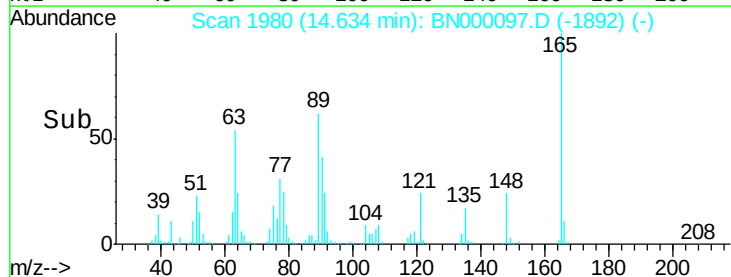
89 62.0 49.2 73.8

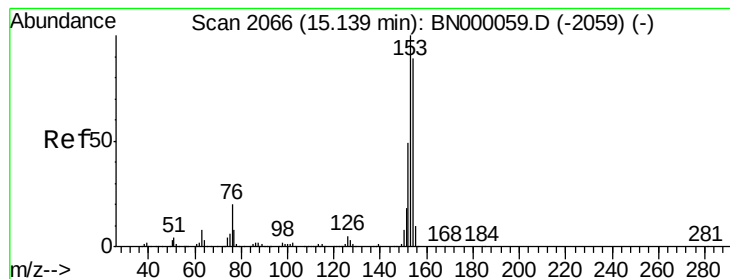


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#51

Acenaphthene

Concen: 18.65 ng

RT: 15.13 min Scan# 2065

Delta R.T. -0.01 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

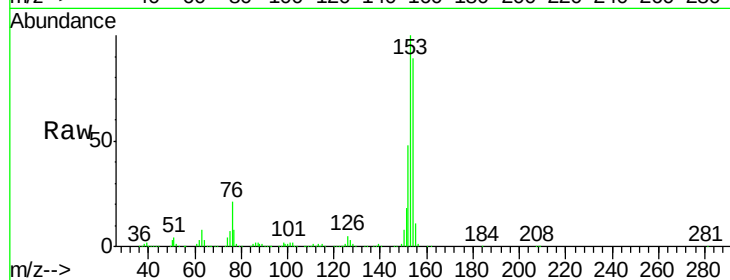
Instrument :

BNA_N

ClientSampleId :

Tot Ion:154 Resp: 1254945

Ion	Ratio	Lower	Upper
154	100		
153	112.0	90.4	135.6
152	54.1	41.6	62.4

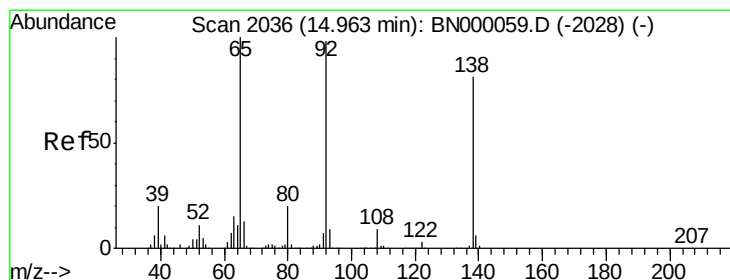
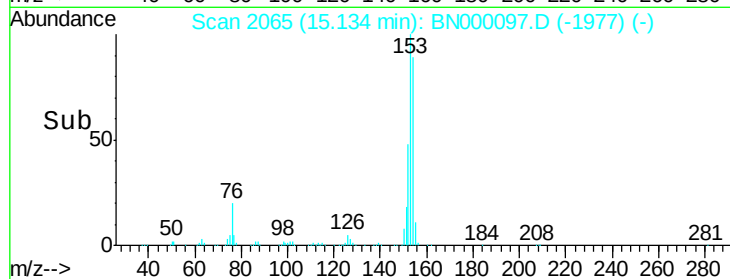
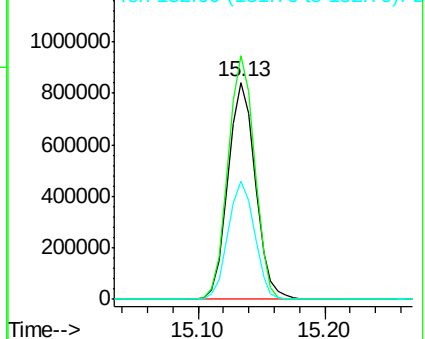


Abundance

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: 17.38 ng

RT: 14.96 min Scan# 2035

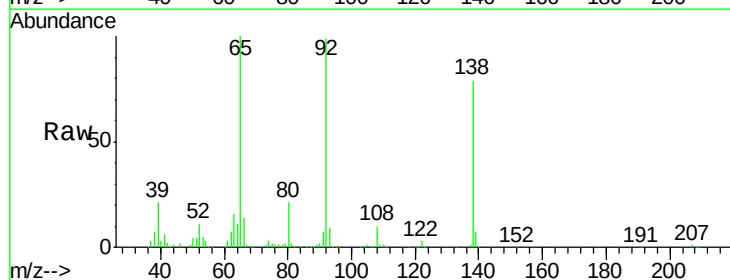
Delta R.T. -0.01 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

Tgt Ion:138 Resp: 354020

Ion	Ratio	Lower	Upper
138	100		
108	12.3	17.5	26.3#
92	125.8	105.8	158.8

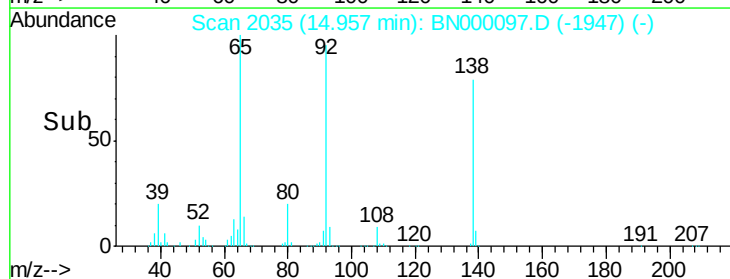
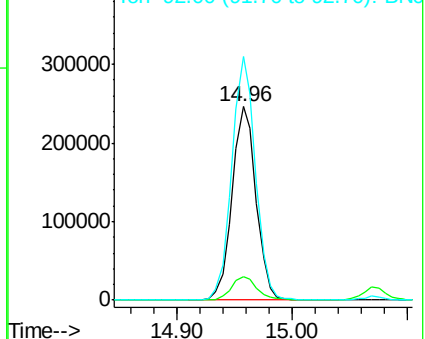


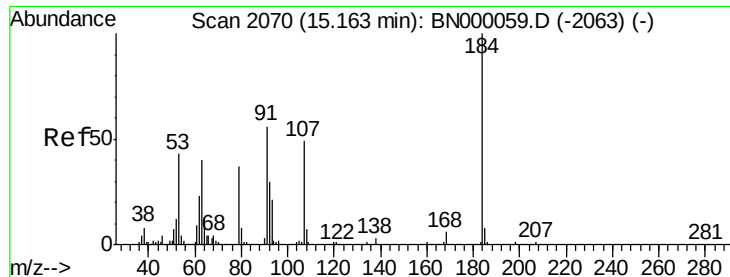
Abundance

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

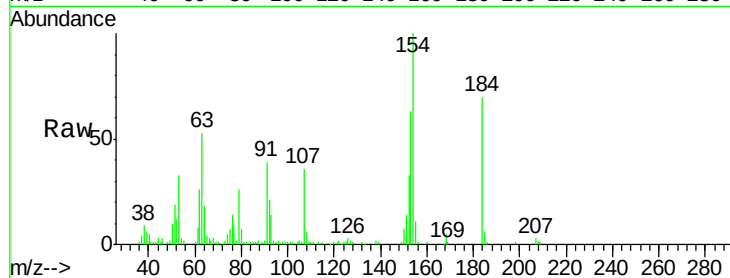




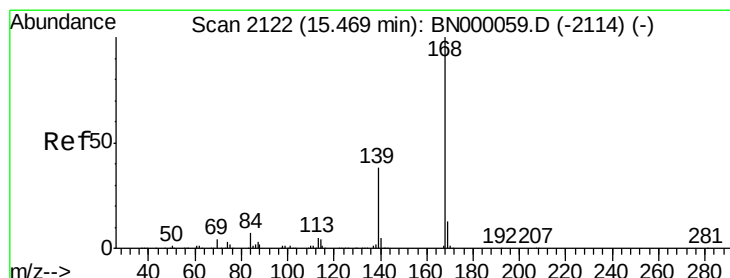
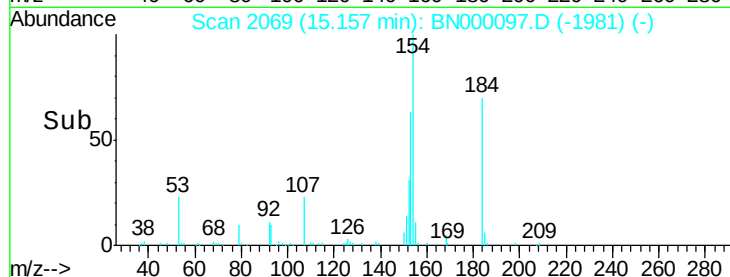
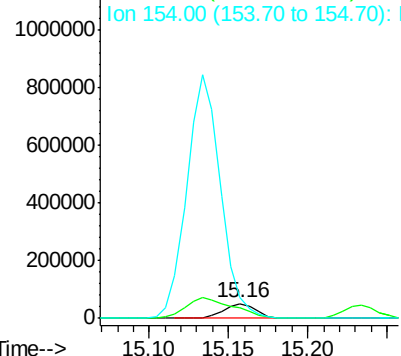
#53
2,4-Dinitrophenol
Concen: 19.99 ng
RT: 15.16 min Scan# 2069
Delta R.T. -0.01 min
Lab File: BN000097.D
Acq: 15 Feb 2018 15:16

Instrument :
BNA_N
ClientSampleId :

Tot Ion:184 Resp: 72300
Ion Ratio Lower Upper
184 100
63 75.0 80.0 120.0#
154 142.4 308.0 462.0#

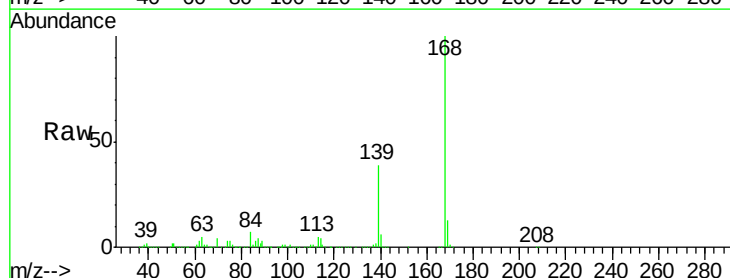


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BNO
Ion 154.00 (153.70 to 154.70): E

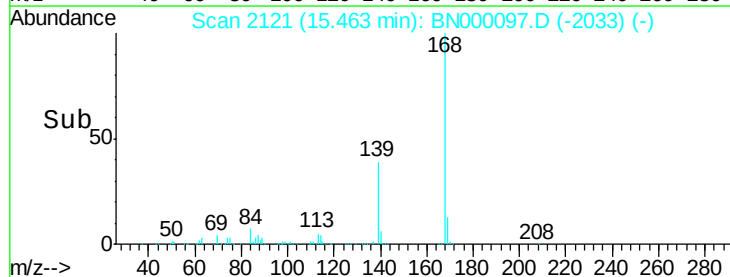
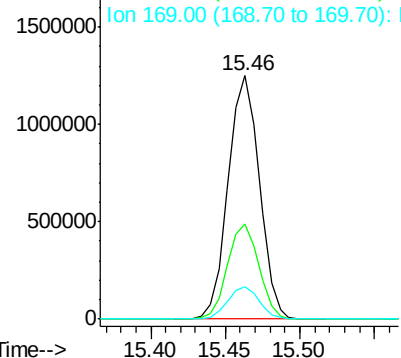


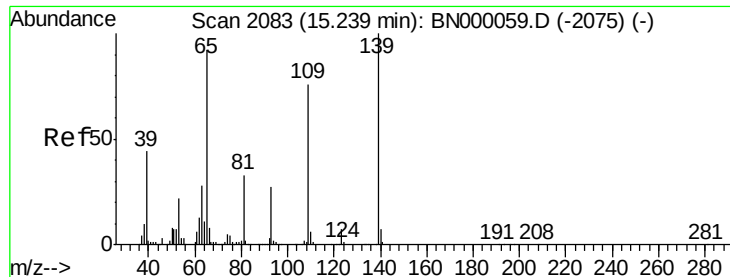
#54
Dibenzofuran
Concen: 19.02 ng
RT: 15.46 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BN000097.D
Acq: 15 Feb 2018 15:16

Tgt Ion:168 Resp: 1812745
Ion Ratio Lower Upper
168 100
139 39.2 28.6 43.0
169 13.2 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

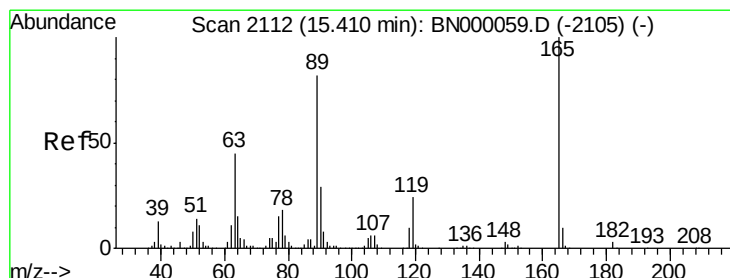
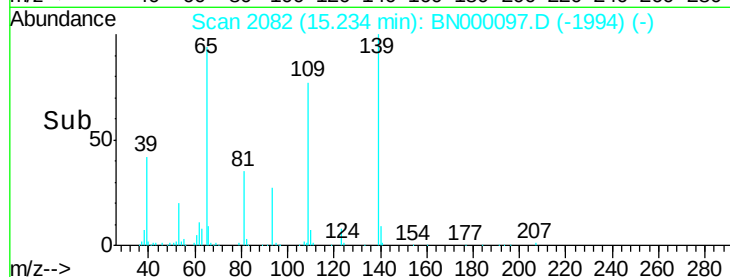
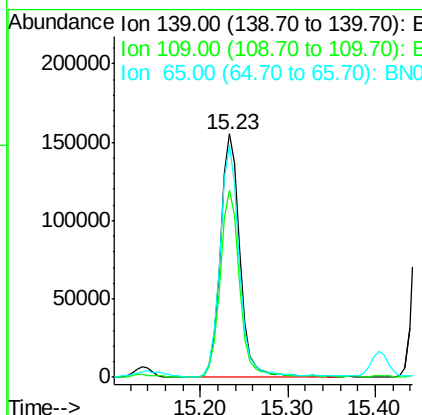
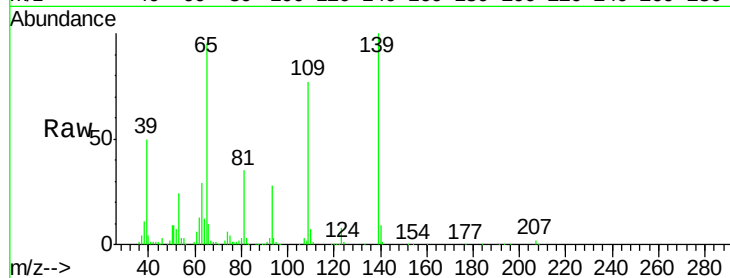




#55
4-Nitrophenol
Concen: 18.54 ng
RT: 15.23 min Scan# 2082
Delta R.T. -0.01 min
Lab File: BN000097.D
Acq: 15 Feb 2018 15:16

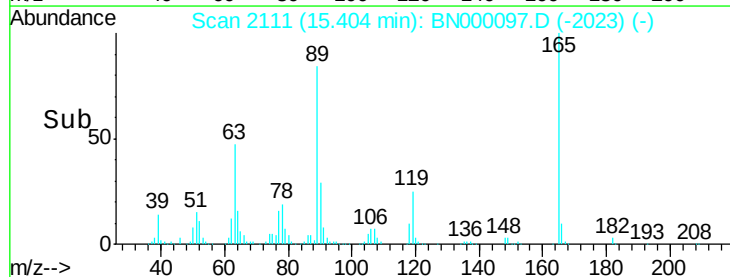
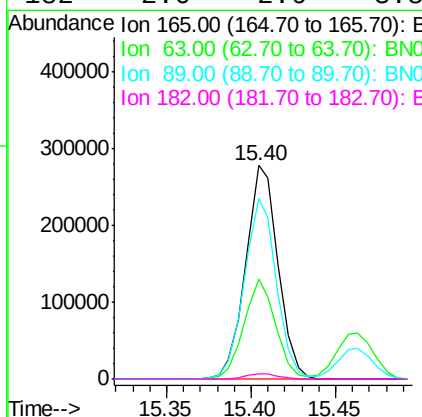
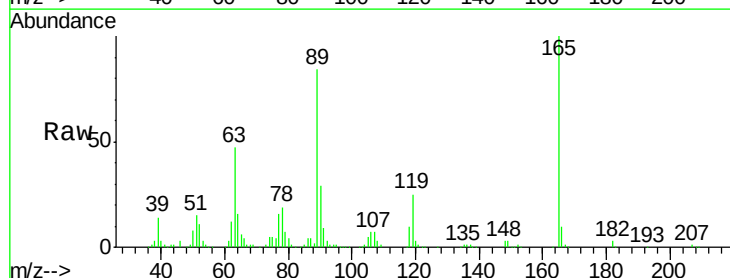
Instrument :
BNA_N
ClientSampleId :

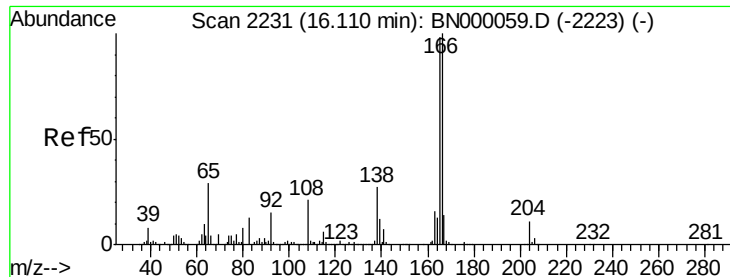
Tot Ion	Ratio	Lower	Upper
139	100		
109	76.9	62.2	102.2
65	95.5	97.2	137.2#



#56
2,4-Dinitrotoluene
Concen: 18.34 ng
RT: 15.40 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BN000097.D
Acq: 15 Feb 2018 15:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.7	42.0	63.0
89	84.2	66.9	100.3
182	2.6	2.6	3.8#





#57

Fluorene

Concen: 19.17 ng

RT: 16.10 min Scan# 2230

Delta R.T. -0.01 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

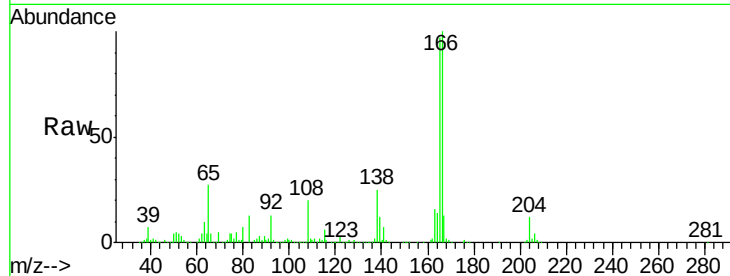
Instrument :

BNA_N

ClientSampled :

Tot Ion:166 Resp: 1491293

Ion	Ratio	Lower	Upper
166	100		
165	96.5	80.6	121.0
167	13.0	10.4	15.6

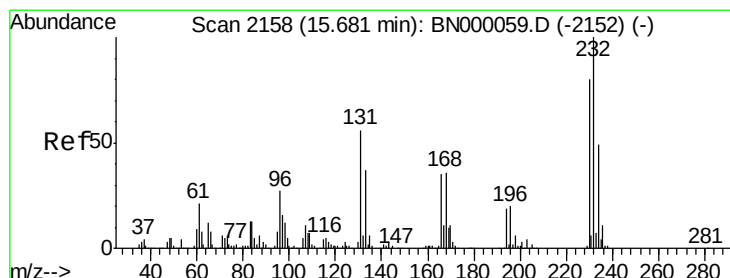
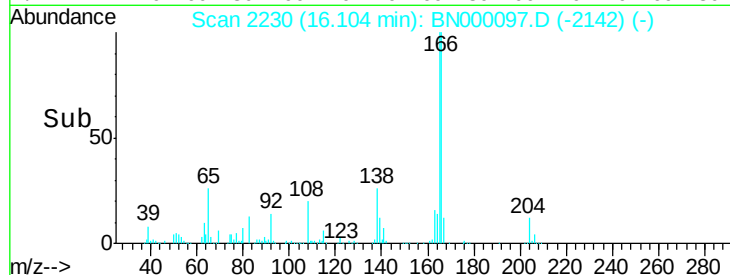
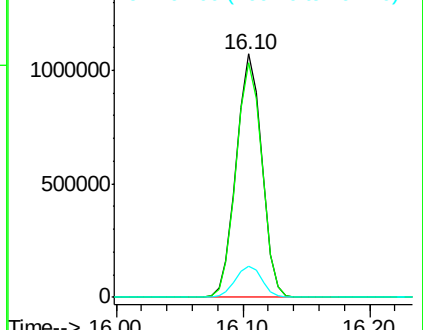


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 17.52 ng

RT: 15.67 min Scan# 2157

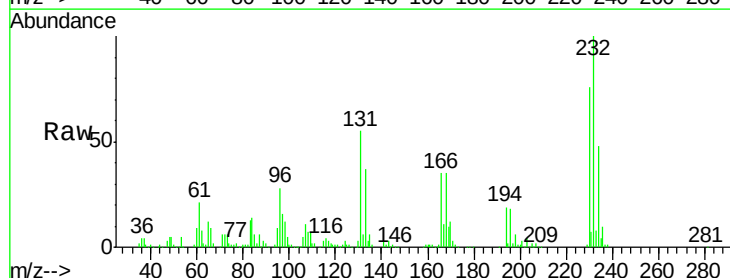
Delta R.T. -0.01 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

Tgt Ion:232 Resp: 285425

Ion	Ratio	Lower	Upper
232	100		
131	55.3	33.5	50.3#
130	2.7	2.2	3.2
166	34.6	24.8	37.2



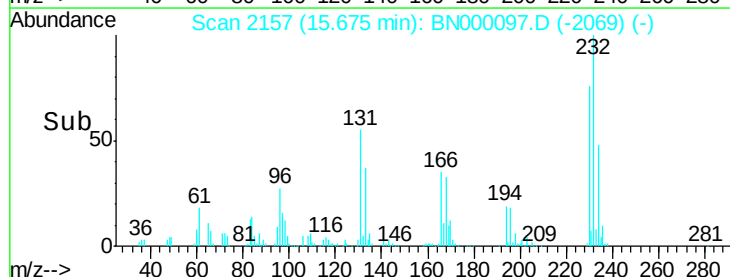
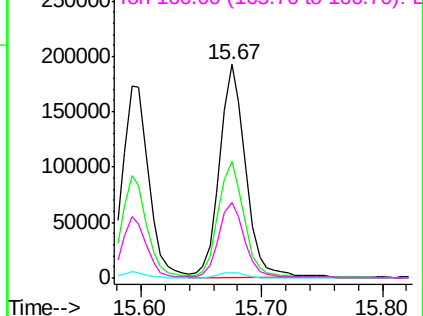
Abundance

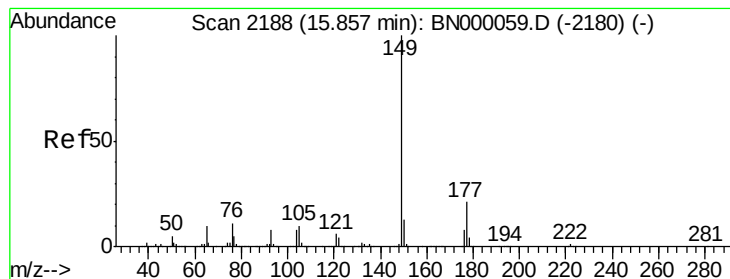
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 18.82 ng

RT: 15.85 min Scan# 2187

Delta R.T. -0.02 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

Instrument :

BNA_N

ClientSampleId :

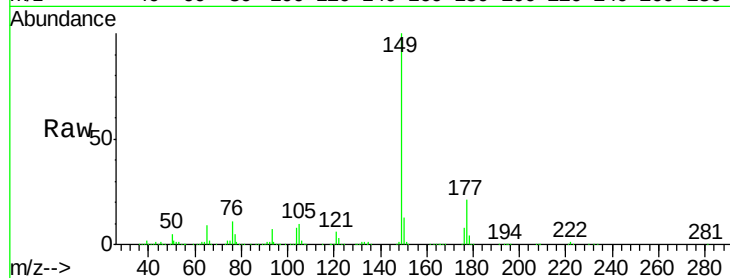
Tot Ion:149 Resp: 1552232

Ion Ratio Lower Upper

149 100

177 20.9 18.5 27.7

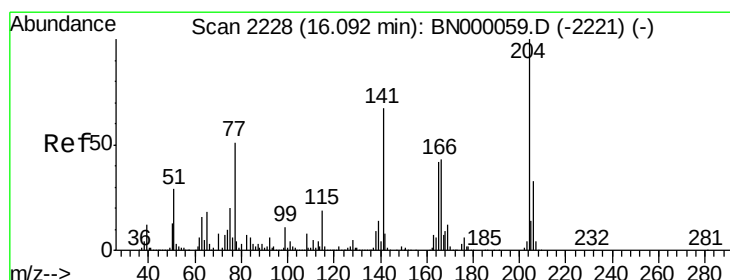
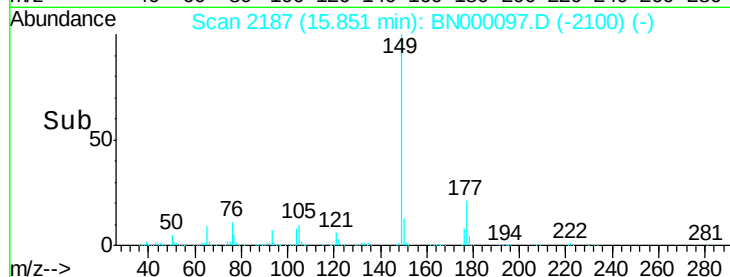
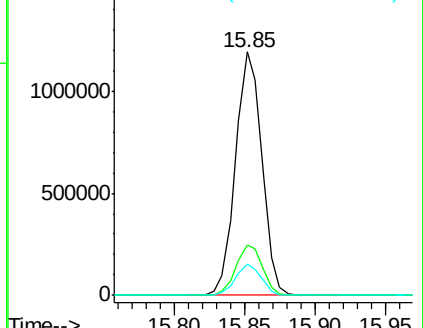
150 12.8 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 19.06 ng

RT: 16.09 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

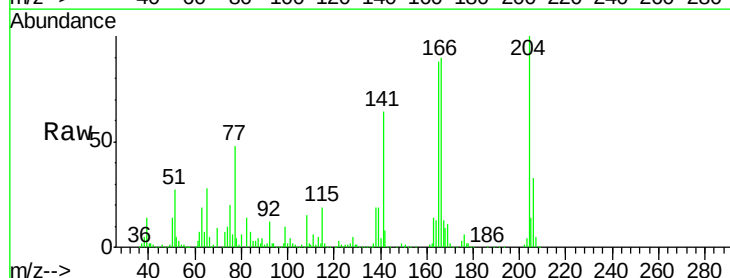
Tgt Ion:204 Resp: 675814

Ion Ratio Lower Upper

204 100

206 32.7 26.2 39.2

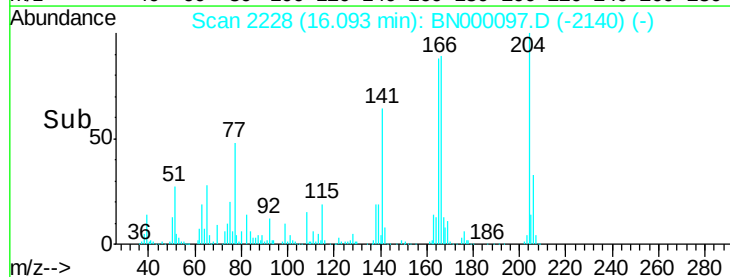
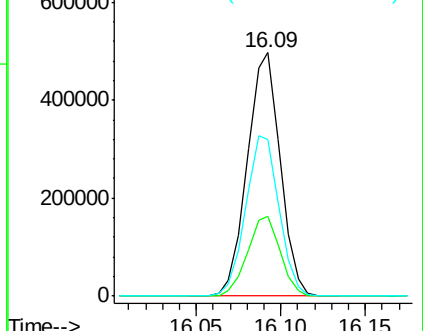
141 64.3 45.8 68.6

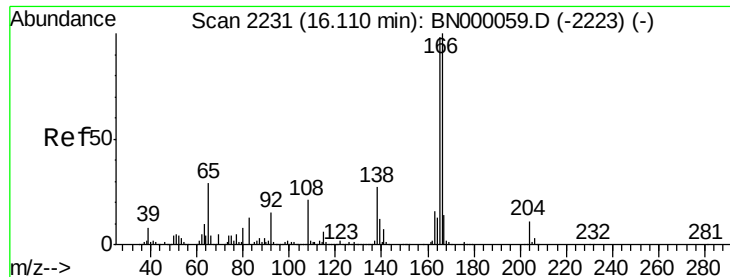


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

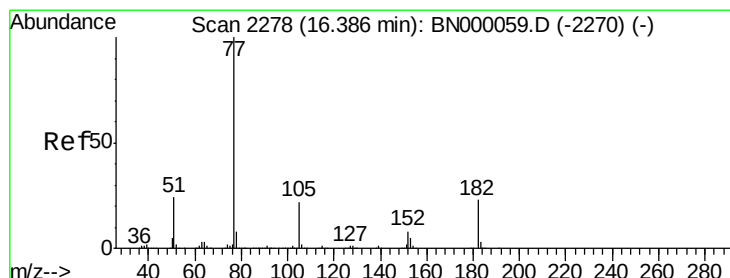
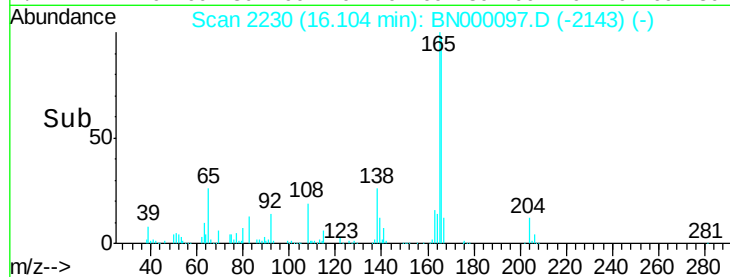
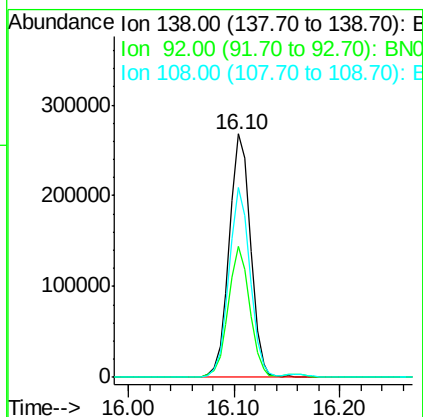
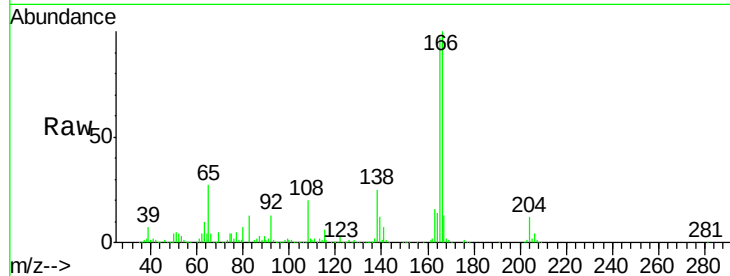




#61
4-Nitroaniline
Concen: 17.88 ng
RT: 16.10 min Scan# 2230
Delta R.T. -0.02 min
Lab File: BN000097.D
Acq: 15 Feb 2018 15:16

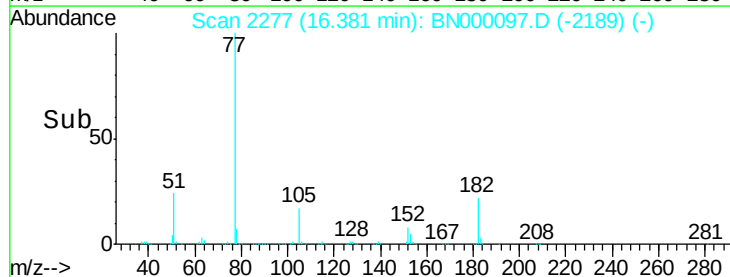
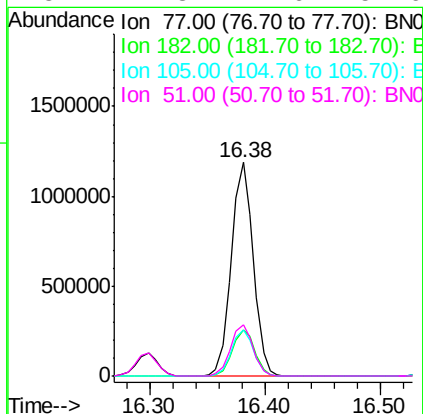
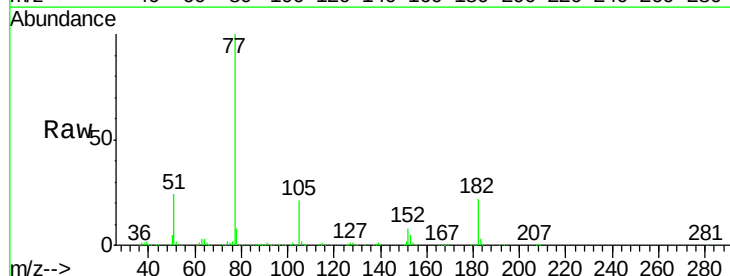
Instrument :
BNA_N
ClientSampleId :

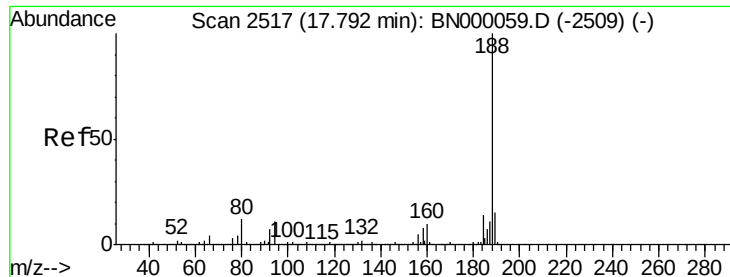
Tot Ion:138 Resp: 374232
Ion Ratio Lower Upper
138 100
92 53.6 40.1 80.1
108 78.0 65.4 105.4



#62
Azobenzene
Concen: 18.98 ng
RT: 16.38 min Scan# 2277
Delta R.T. -0.01 min
Lab File: BN000097.D
Acq: 15 Feb 2018 15:16

Tgt Ion: 77 Resp: 1557878
Ion Ratio Lower Upper
77 100
182 21.7 7.4 47.4
105 21.4 0.3 40.3
51 24.3 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.79 min Scan# 2517

Delta R.T. -0.01 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

Instrument :

BNA_N

ClientSampleId :

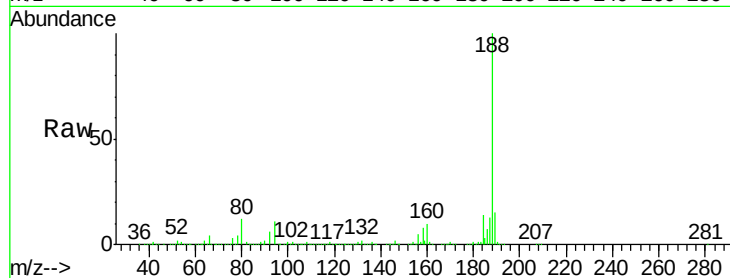
Tot Ion:188 Resp: 2107733

Ion Ratio Lower Upper

188 100

94 11.1 6.9 10.3#

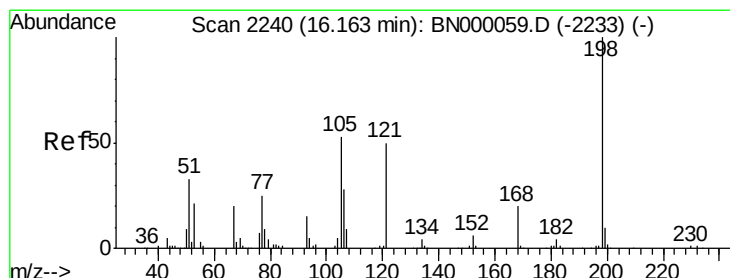
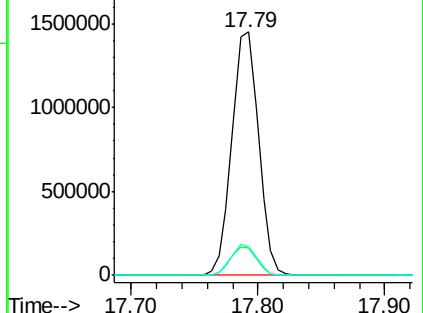
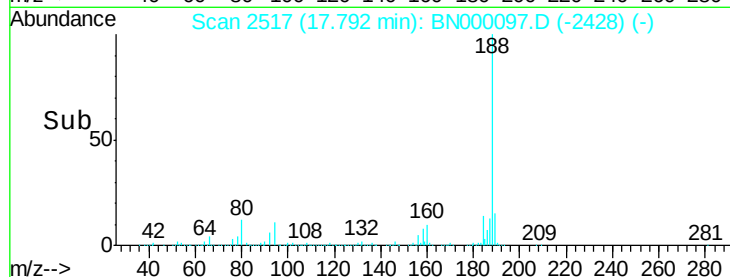
80 11.7 7.7 11.5#



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: 19.65 ng

RT: 16.16 min Scan# 2240

Delta R.T. -0.01 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

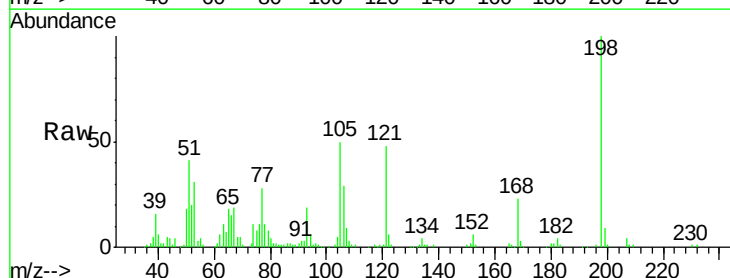
Tgt Ion:198 Resp: 133369

Ion Ratio Lower Upper

198 100

51 41.4 30.6 70.6

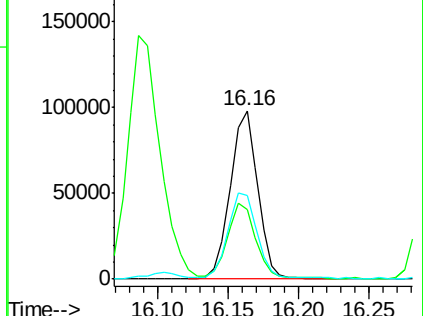
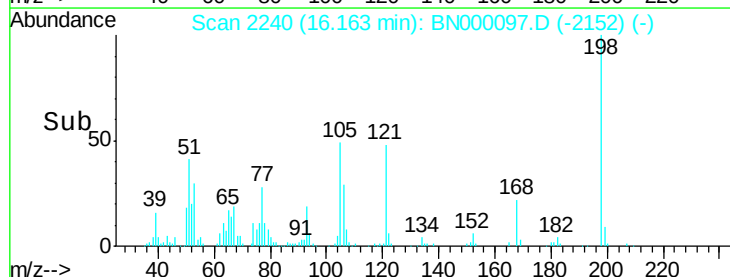
105 49.6 23.8 63.8

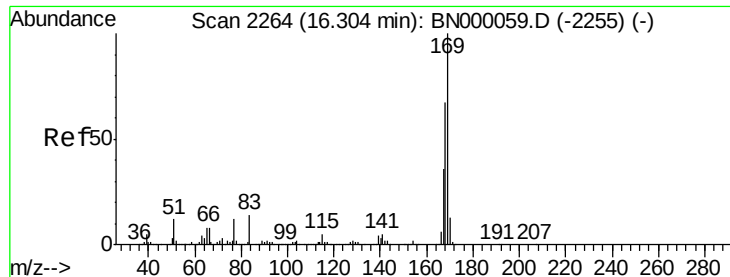


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 18.91 ng

RT: 16.30 min Scan# 2263

Delta R.T. -0.01 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

Instrument :

BNA_N

ClientSampled :

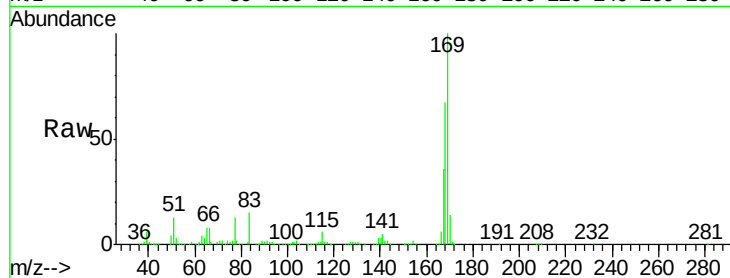
Tot Ion:169 Resp: 1296575

Ion Ratio Lower Upper

169 100

168 66.5 55.7 83.5

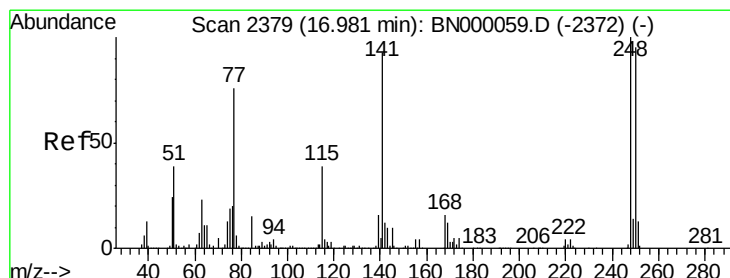
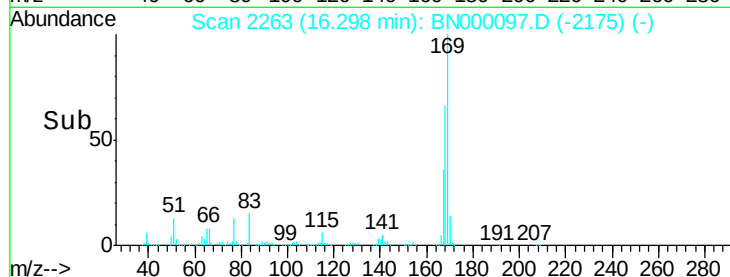
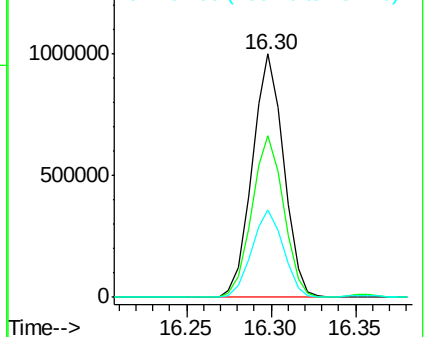
167 35.7 30.1 45.1



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: 18.45 ng

RT: 16.97 min Scan# 2378

Delta R.T. -0.02 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

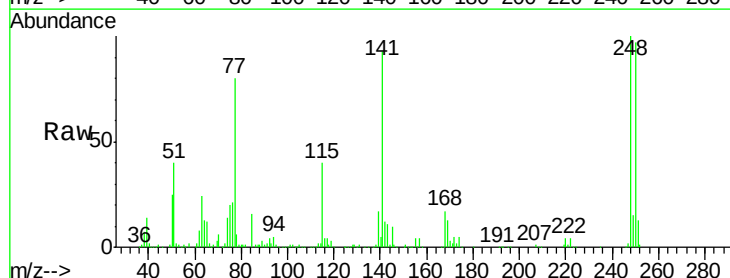
Tgt Ion:248 Resp: 369828

Ion Ratio Lower Upper

248 100

250 97.0 77.1 115.7

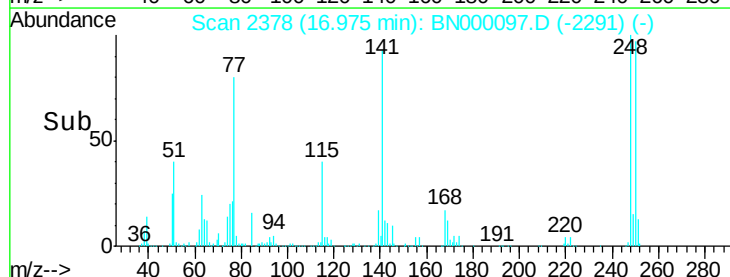
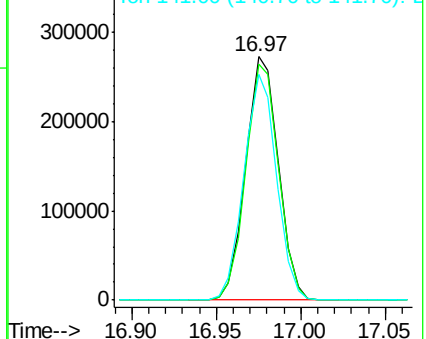
141 92.9 50.8 76.2#

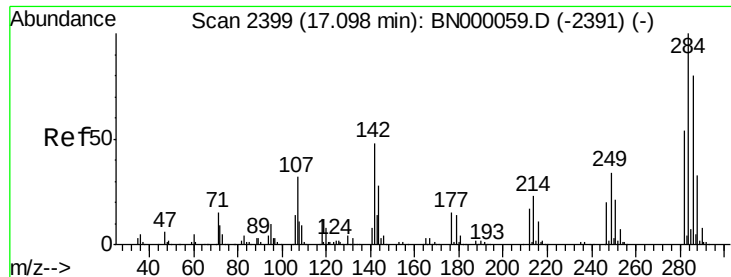


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 18.78 ng

RT: 17.10 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

Instrument :

BNA_N

ClientSampleId :

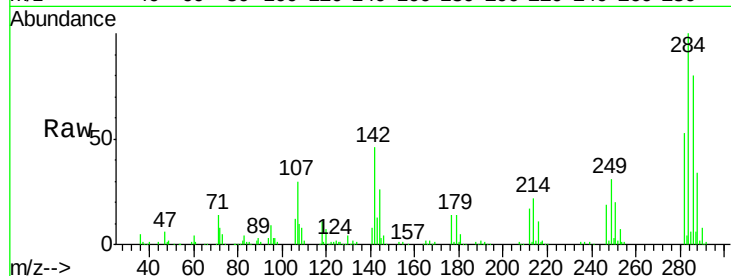
Tot Ion:284 Resp: 439568

Ion Ratio Lower Upper

284 100

142 45.8 26.8 40.2#

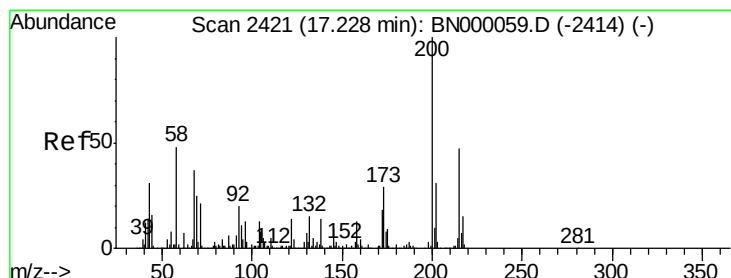
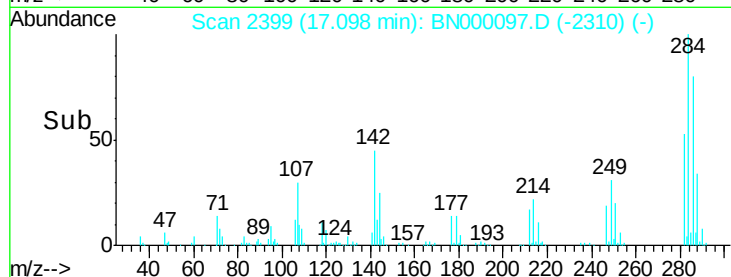
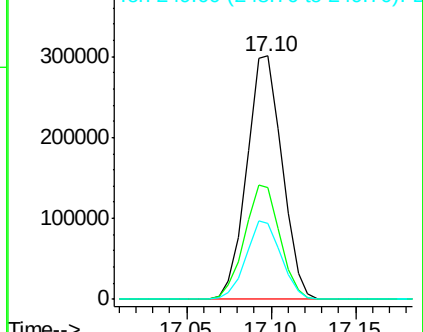
249 31.3 26.3 39.5



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: 16.28 ng

RT: 17.22 min Scan# 2420

Delta R.T. -0.02 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

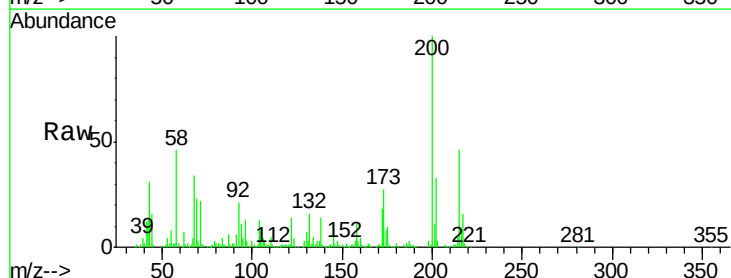
Tgt Ion:200 Resp: 363395

Ion Ratio Lower Upper

200 100

173 27.4 5.2 45.2

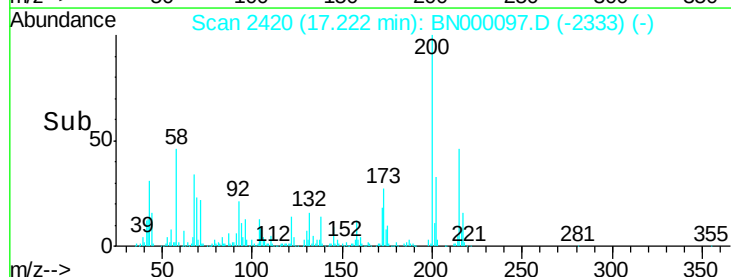
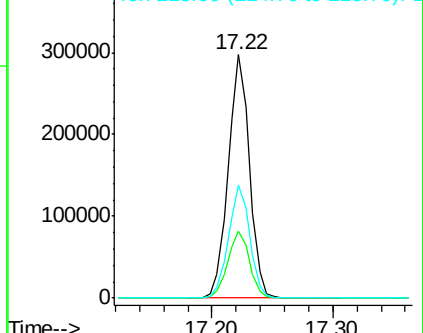
215 46.3 30.4 70.4

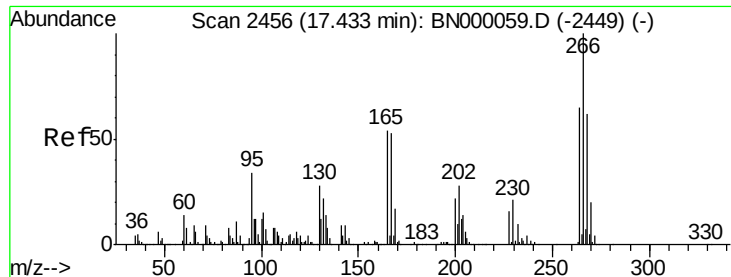


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

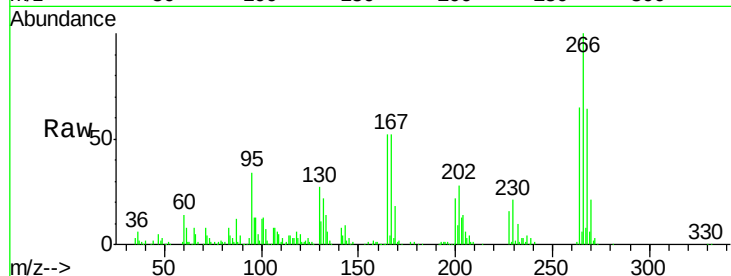




#69
 Pentachlorophenol
 Concen: 18.70 ng
 RT: 17.43 min Scan# 2456
 Delta R.T. -0.01 min
 Lab File: BN000097.D
 Acq: 15 Feb 2018 15:16

Instrument :
 BNA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.1	76.7
264	64.5	49.6	74.4

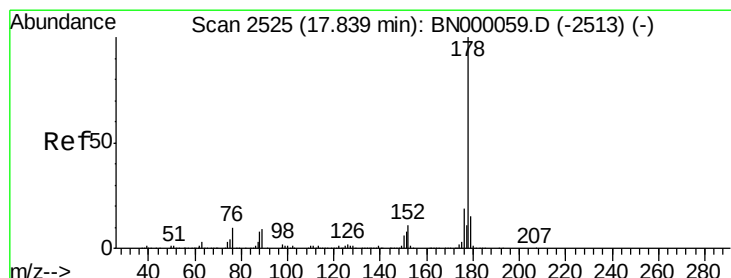
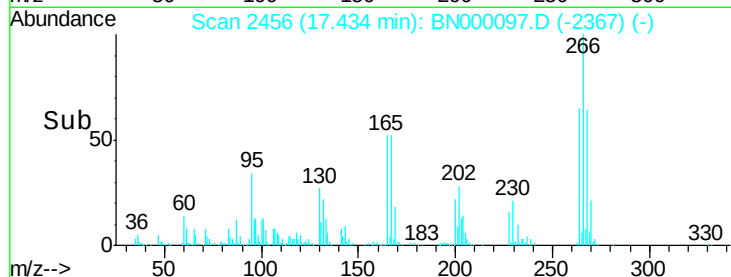
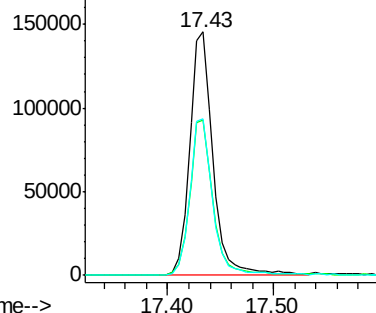


Abundance

Ion 265.70 (265.40 to 266.40): E

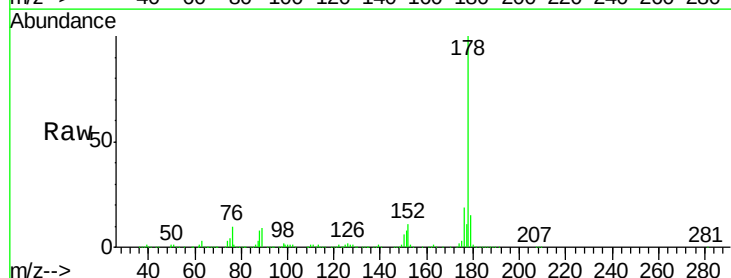
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 19.22 ng
 RT: 17.83 min Scan# 2524
 Delta R.T. -0.01 min
 Lab File: BN000097.D
 Acq: 15 Feb 2018 15:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.7	23.5
179	15.0	12.5	18.7

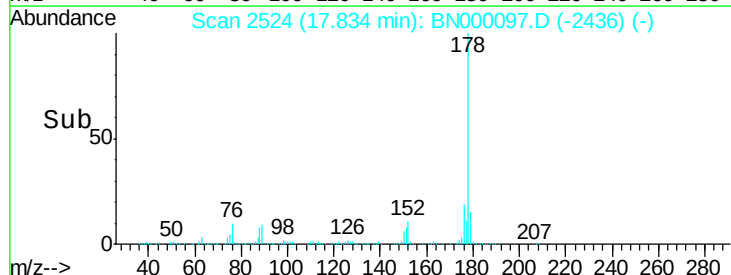
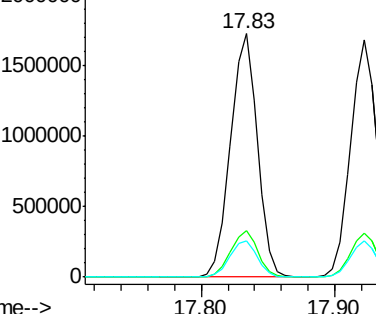


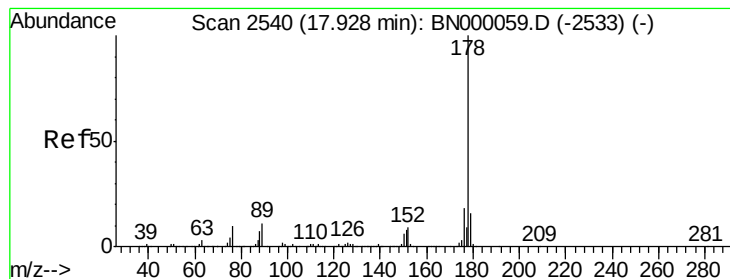
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 19.29 ng

RT: 17.92 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

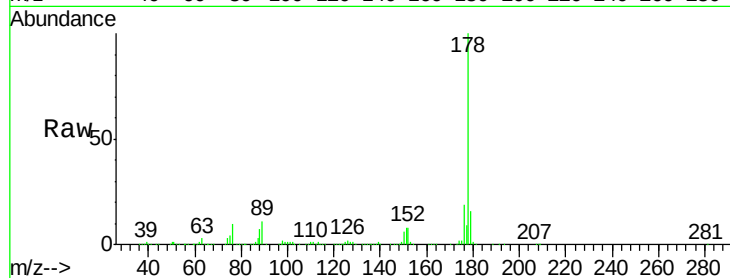
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 2325682

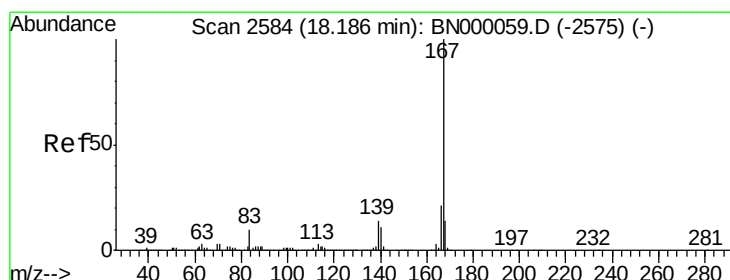
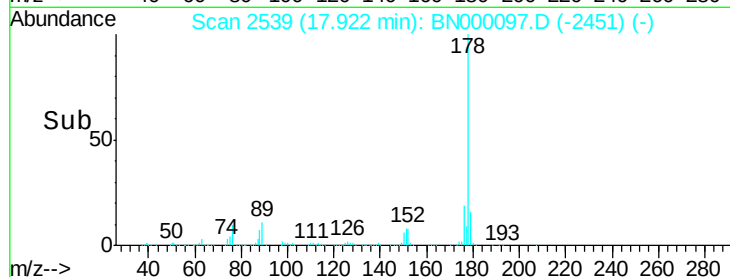
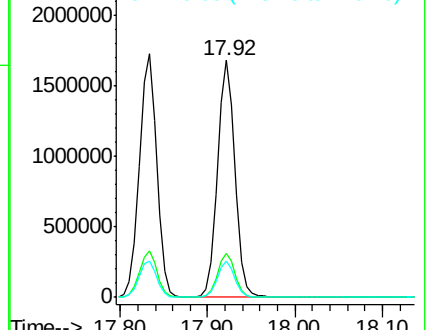
Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.0	24.0
179	15.5	12.5	18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 19.42 ng

RT: 18.18 min Scan# 2583

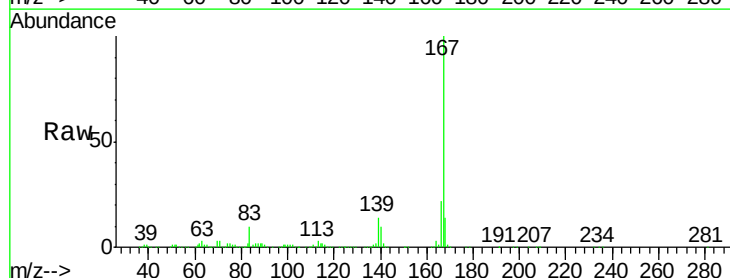
Delta R.T. -0.01 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

Tgt Ion:167 Resp: 2358061

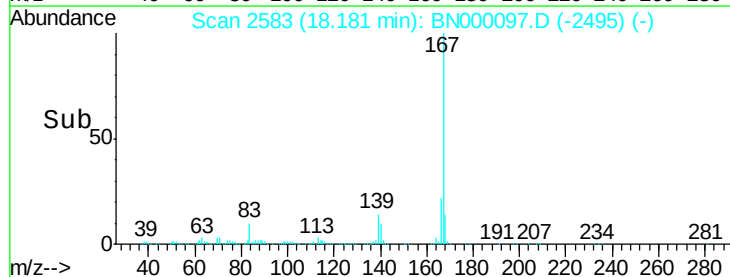
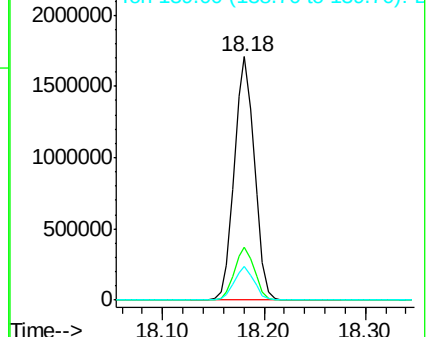
Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.2	27.4
139	13.7	9.4	14.2

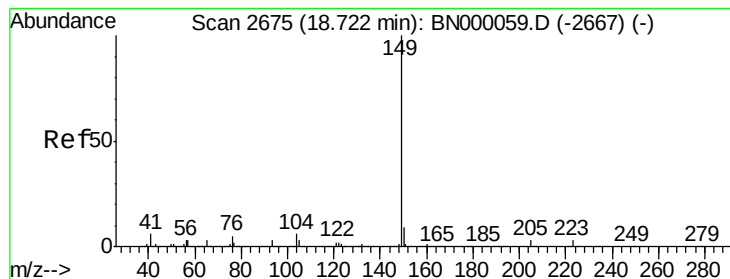


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 18.11 ng

RT: 18.72 min Scan# 2674

Delta R.T. -0.01 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

Instrument :

BNA_N

ClientSampleId :

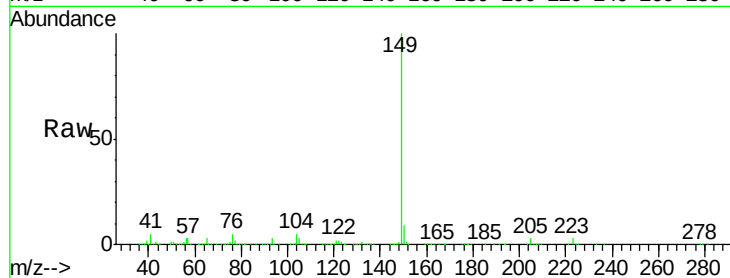
Tot Ion:149 Resp: 2427584

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.6

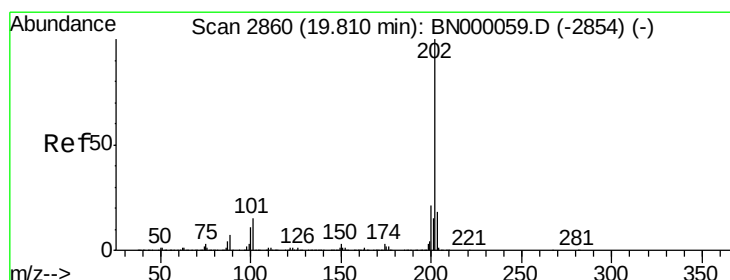
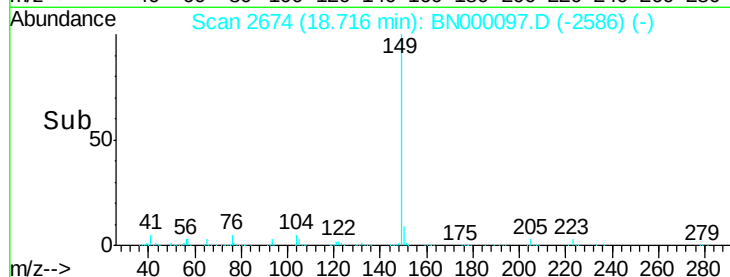
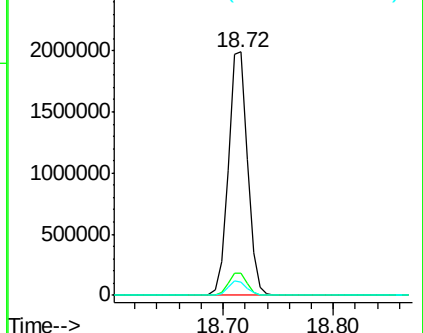
104 5.4 3.9 5.9



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: 19.89 ng

RT: 19.81 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

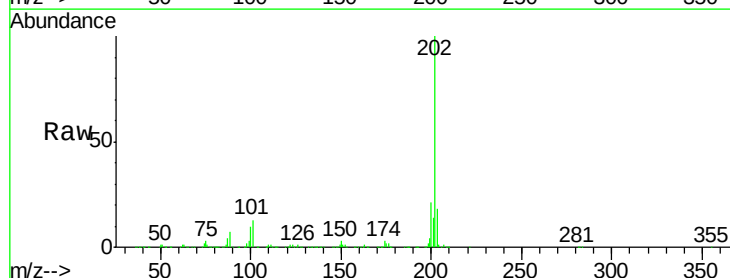
Tgt Ion:202 Resp: 2597520

Ion Ratio Lower Upper

202 100

101 13.4 0.0 28.9

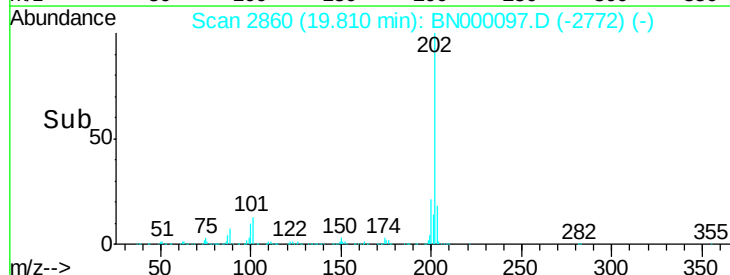
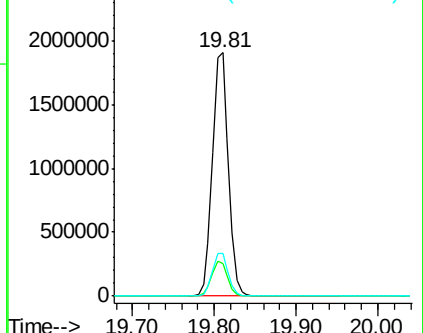
203 17.7 0.0 37.5

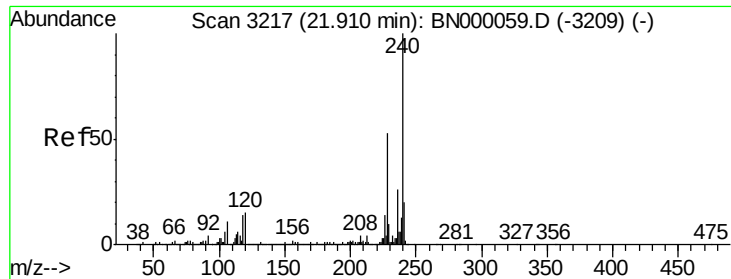


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.90 min Scan# 3216

Delta R.T. -0.02 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

Instrument :

BNA_N

ClientSampleId :

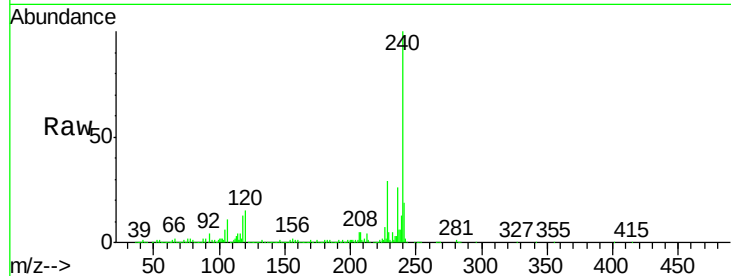
Tot Ion:240 Resp: 2349021

Ion Ratio Lower Upper

240 100

120 14.9 6.8 10.2#

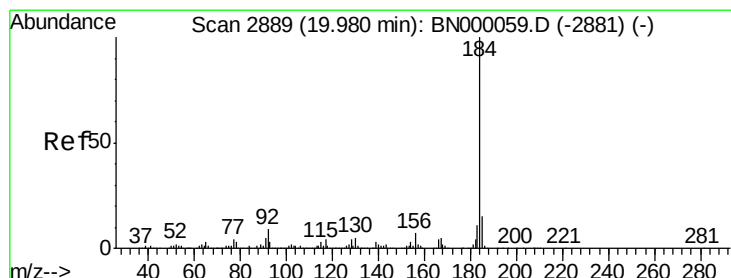
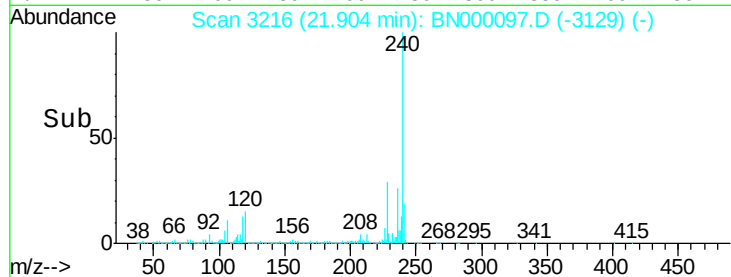
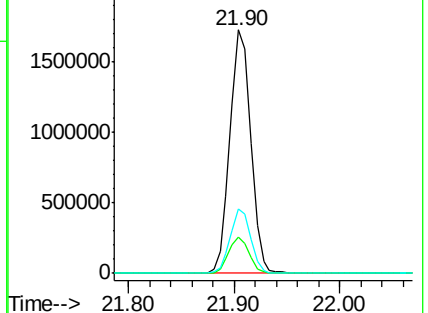
236 26.2 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 9.66 ng

RT: 19.97 min Scan# 2888

Delta R.T. -0.01 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

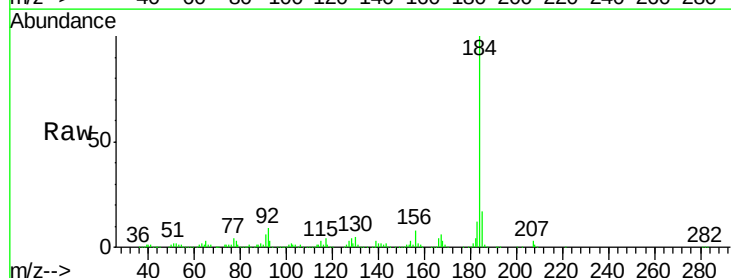
Tgt Ion:184 Resp: 723170

Ion Ratio Lower Upper

184 100

185 16.7 11.1 16.7

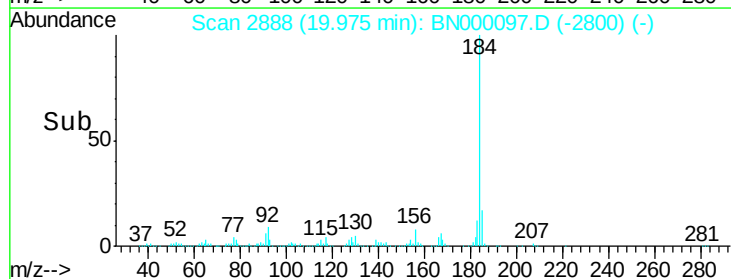
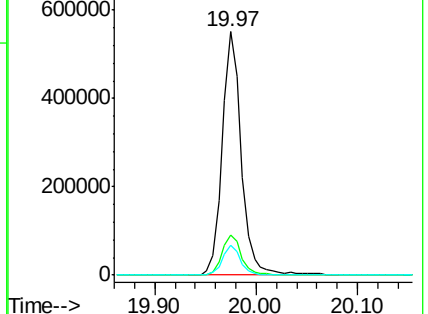
183 12.2 10.6 16.0

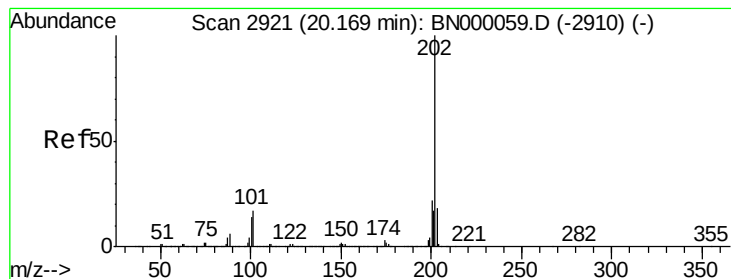


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 19.10 ng

RT: 20.17 min Scan# 2921

Delta R.T. -0.01 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

Instrument :

BNA_N

ClientSampled :

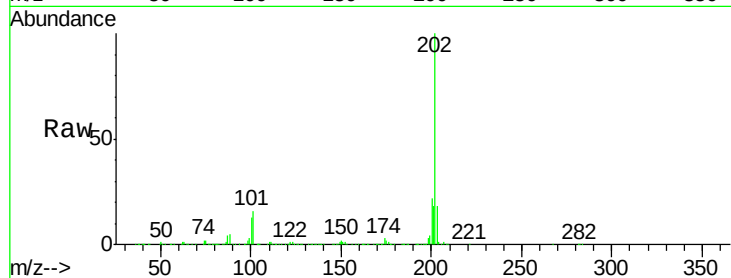
Tot Ion:202 Resp: 2850929

Ion Ratio Lower Upper

202 100

200 21.5 16.9 25.3

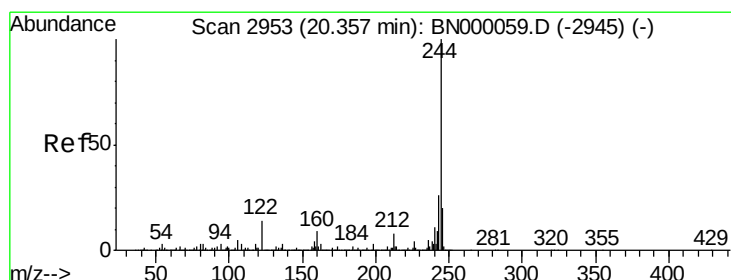
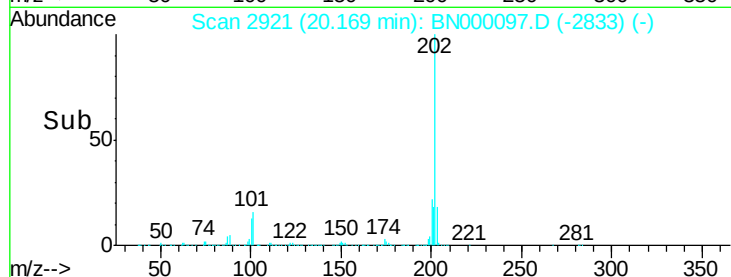
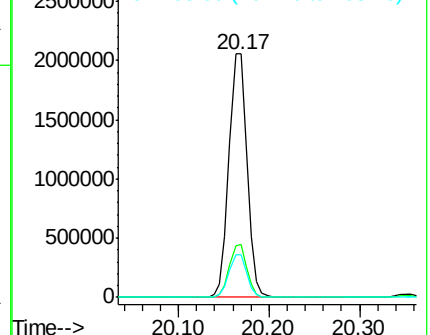
203 17.7 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 109.73 ng

RT: 20.35 min Scan# 2952

Delta R.T. -0.01 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

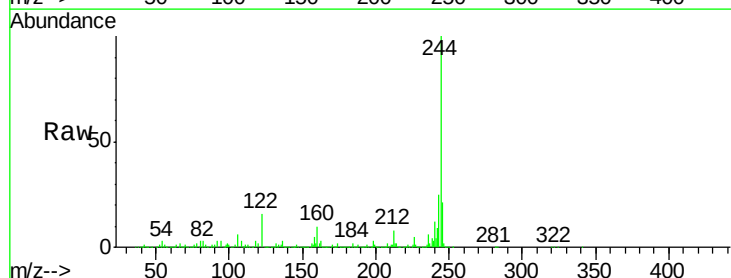
Tgt Ion:244 Resp: 9545982

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

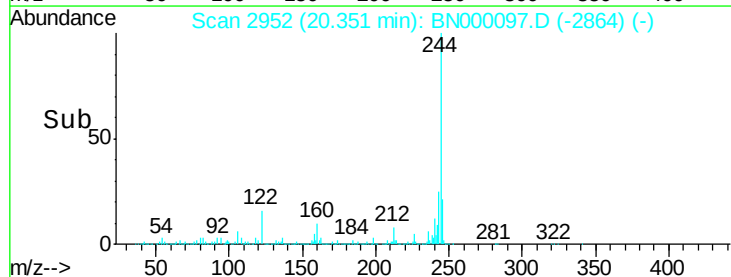
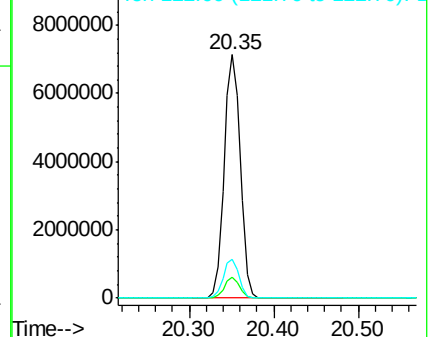
122 15.8 7.0 10.4#

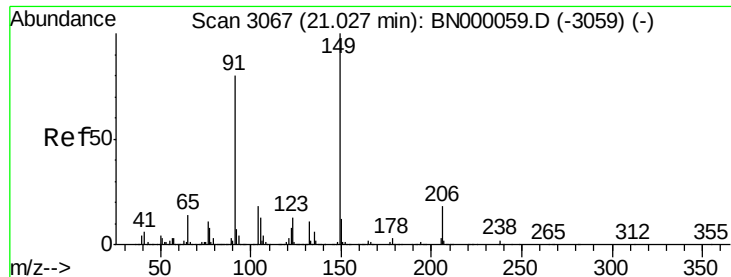


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

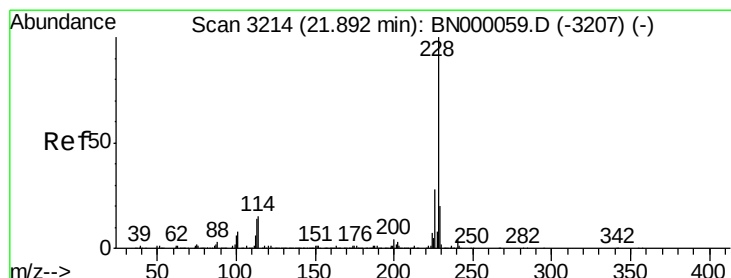
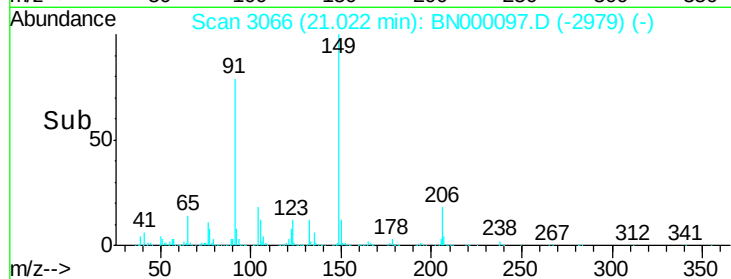
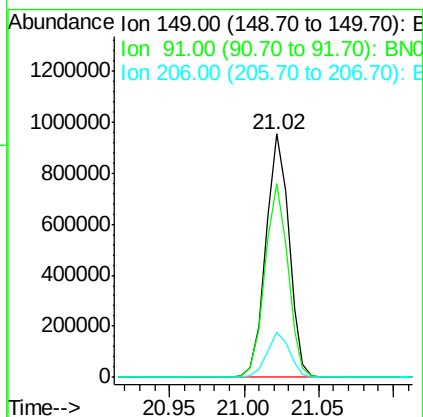
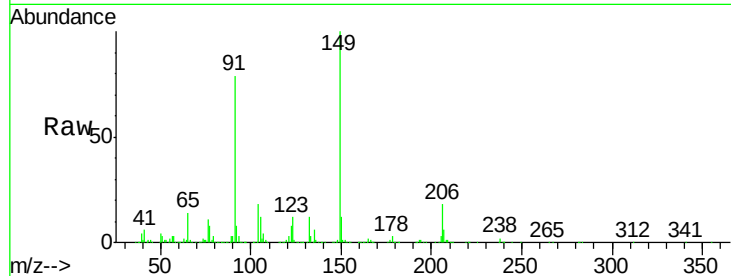




#79
Butylbenzylphthalate
Concen: 18.14 ng
RT: 21.02 min Scan# 3066
Delta R.T. -0.02 min
Lab File: BN000097.D
Acq: 15 Feb 2018 15:16

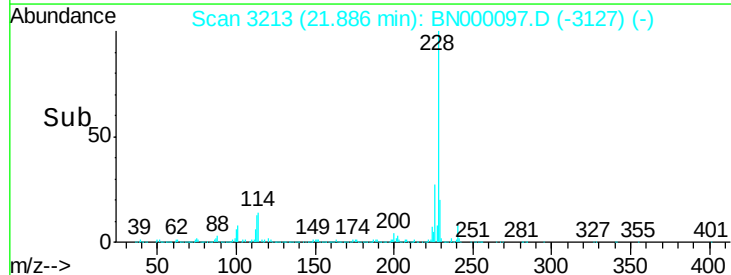
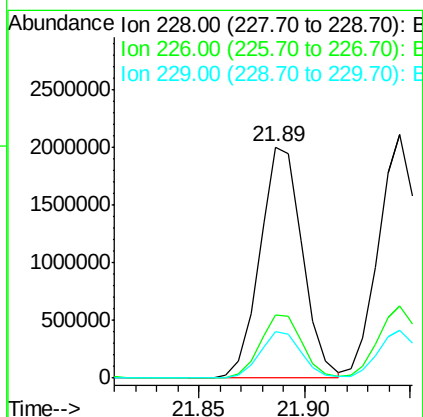
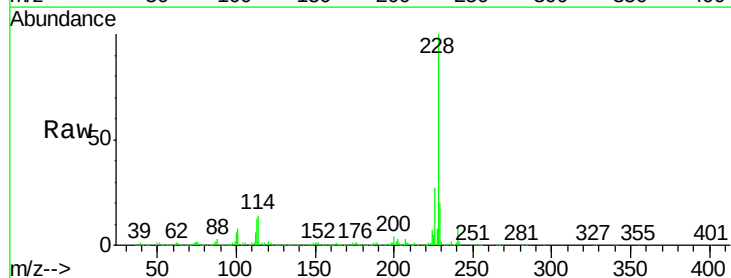
Instrument :
BNA_N
ClientSampleId :

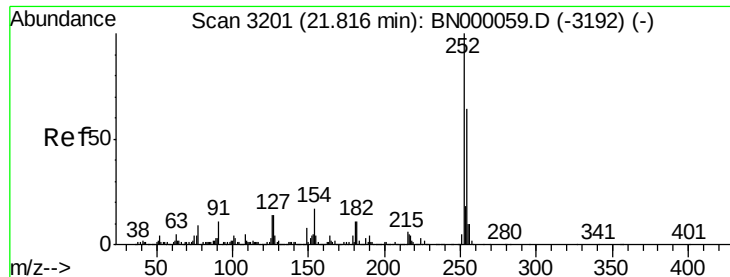
Tot Ion:149 Resp: 1018330
Ion Ratio Lower Upper
149 100
91 79.4 62.2 93.2
206 18.4 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 19.33 ng
RT: 21.89 min Scan# 3213
Delta R.T. -0.02 min
Lab File: BN000097.D
Acq: 15 Feb 2018 15:16

Tgt Ion:228 Resp: 2790726
Ion Ratio Lower Upper
228 100
226 27.4 22.7 34.1
229 19.9 16.2 24.2

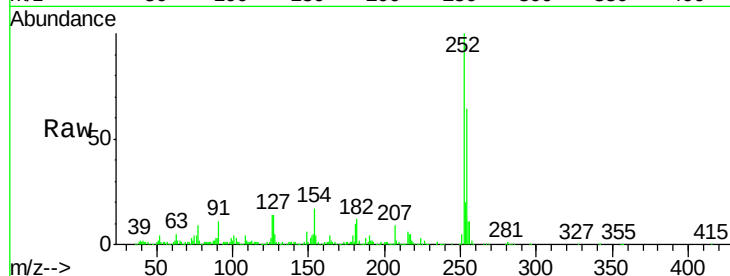




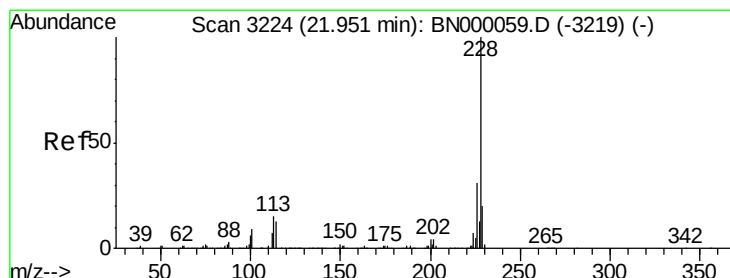
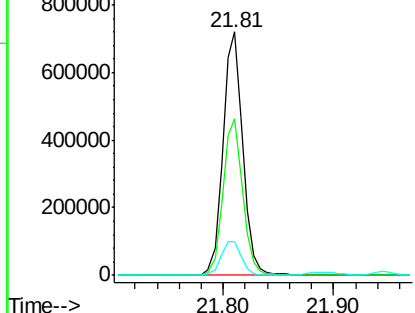
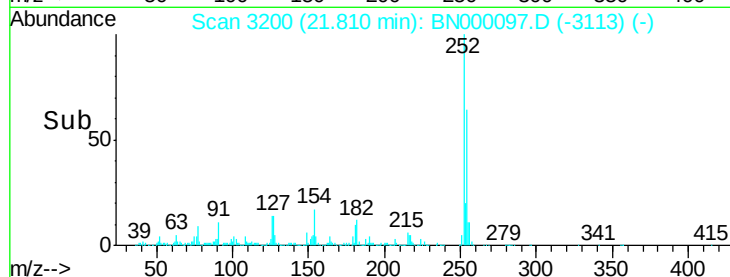
#81
 3,3'-Dichlorobenzidine
 Concen: 17.02 ng
 RT: 21.81 min Scan# 3200
 Delta R.T. -0.02 min
 Lab File: BN000097.D
 Acq: 15 Feb 2018 15:16

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:252 Resp: 902754
 Ion Ratio Lower Upper
 252 100
 254 64.5 50.8 76.2
 126 13.9 7.4 11.2#

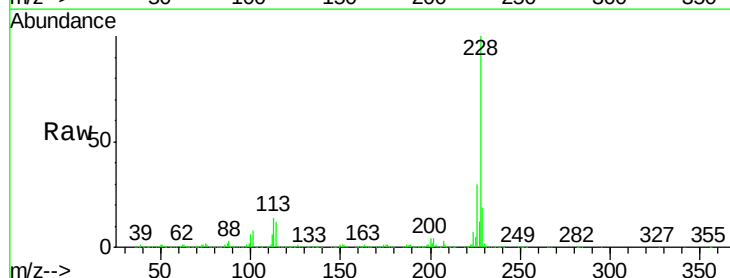


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

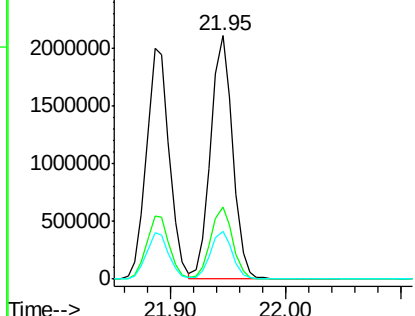
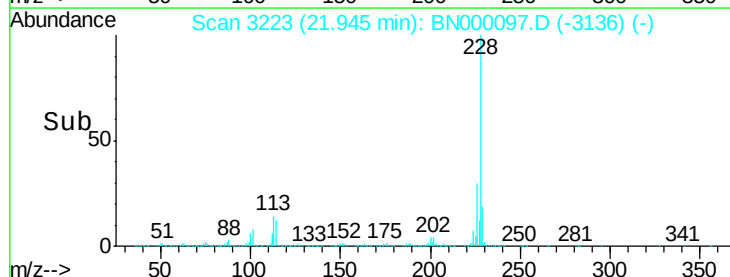


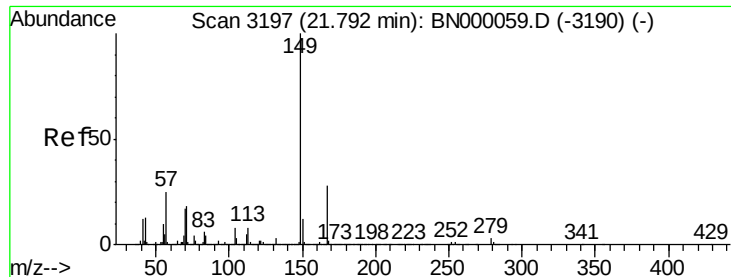
#82
 Chrysene
 Concen: 19.44 ng
 RT: 21.95 min Scan# 3223
 Delta R.T. -0.02 min
 Lab File: BN000097.D
 Acq: 15 Feb 2018 15:16

Tgt Ion:228 Resp: 2796711
 Ion Ratio Lower Upper
 228 100
 226 29.6 24.9 37.3
 229 19.4 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: 17.73 ng

RT: 21.79 min Scan# 3196

Delta R.T. -0.02 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

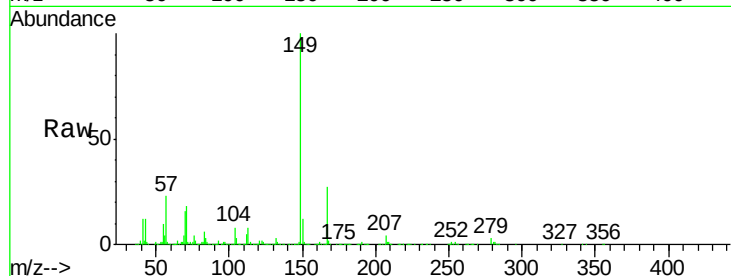
Instrument :

BNA_N

ClientSampleId :

Tot Ion:149 Resp: 1658702

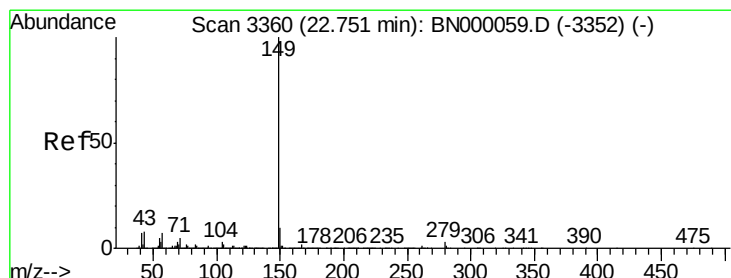
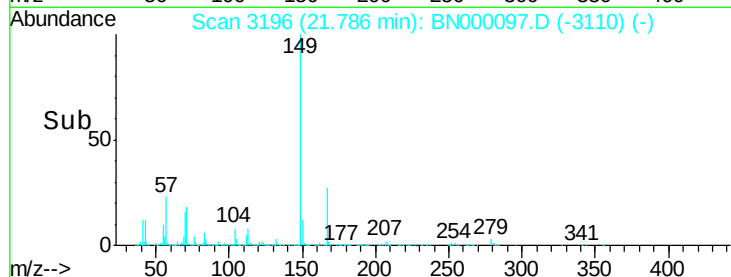
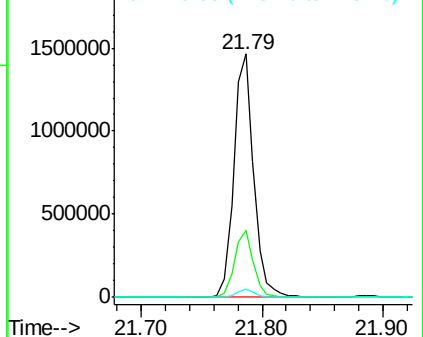
Ion	Ratio	Lower	Upper
149	100		
167	27.3	24.3	36.5
279	3.4	4.0	6.0



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: 17.86 ng

RT: 22.74 min Scan# 3358

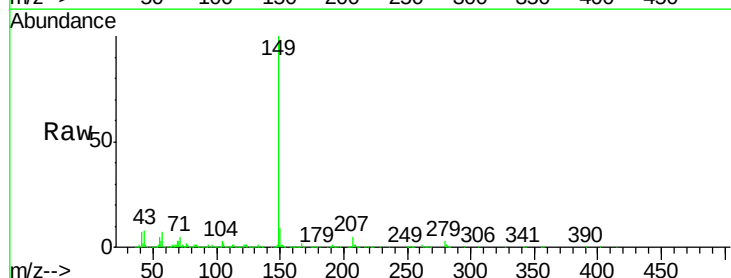
Delta R.T. -0.03 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

Tgt Ion:149 Resp: 2505792

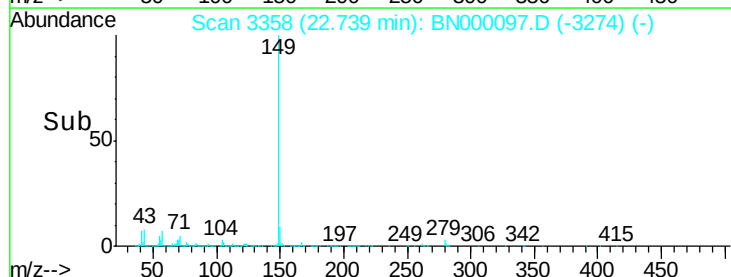
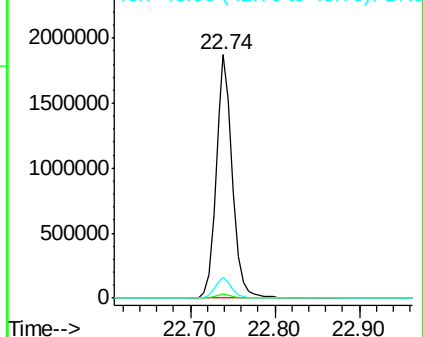
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	8.7	8.9	13.3

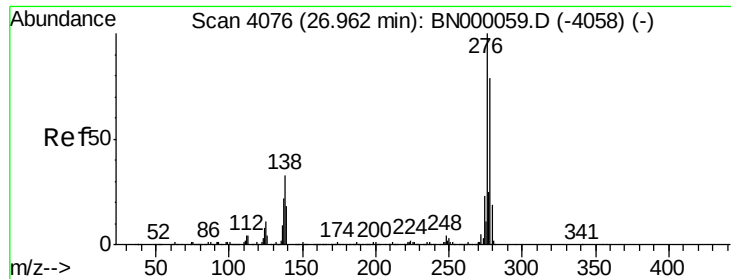


Abundance Ion 149.00 (148.70 to 149.70): E

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: 19.26 ng

RT: 26.94 min Scan# 4073

Delta R.T. -0.05 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

Instrument :

BNA_N

ClientSampleId :

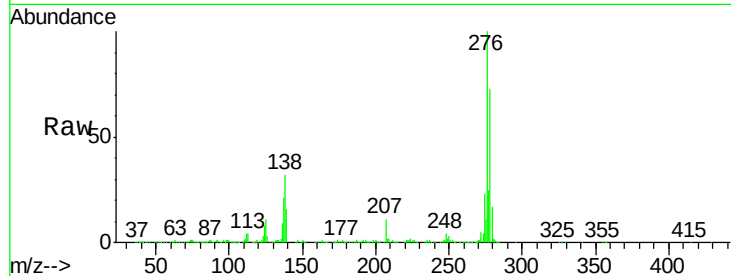
Tot Ion:276 Resp: 3403852

Ion Ratio Lower Upper

276 100

138 33.5 16.0 24.0#

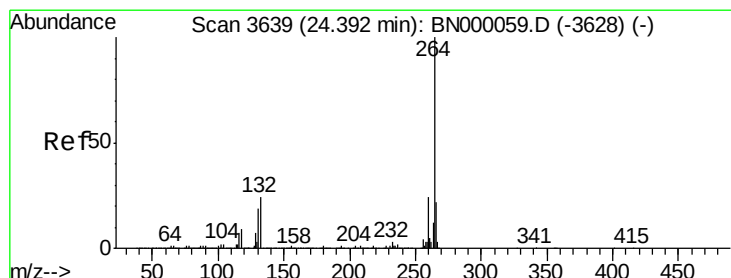
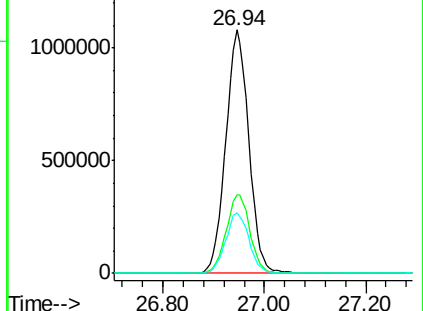
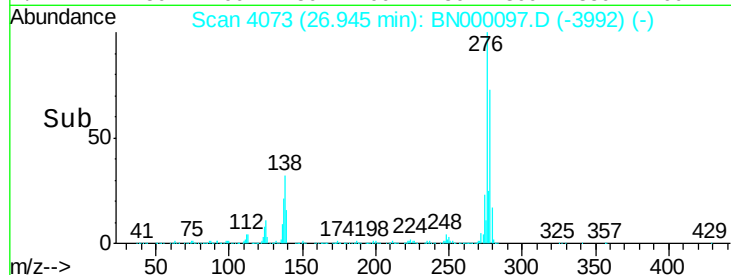
277 25.4 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.39 min Scan# 3638

Delta R.T. -0.03 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

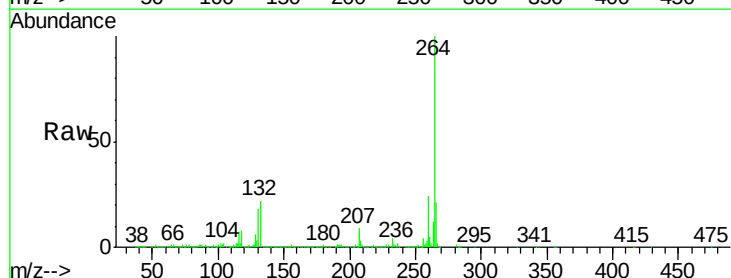
Tgt Ion:264 Resp: 2512382

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

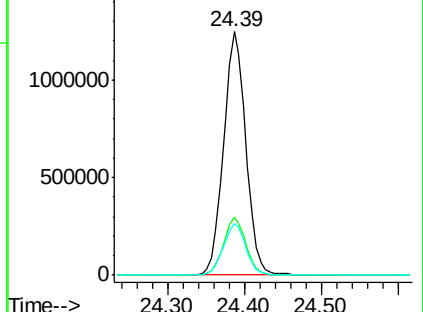
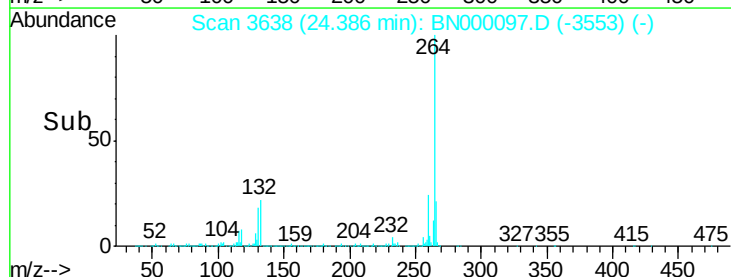
265 21.2 17.7 26.5

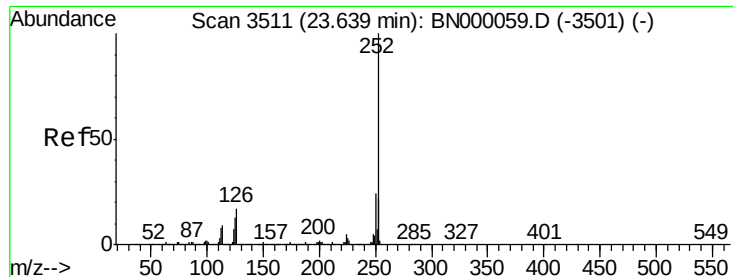


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

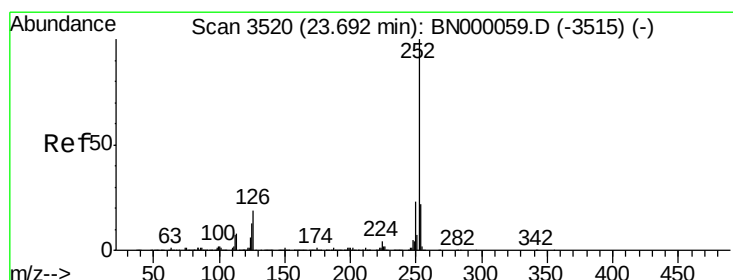
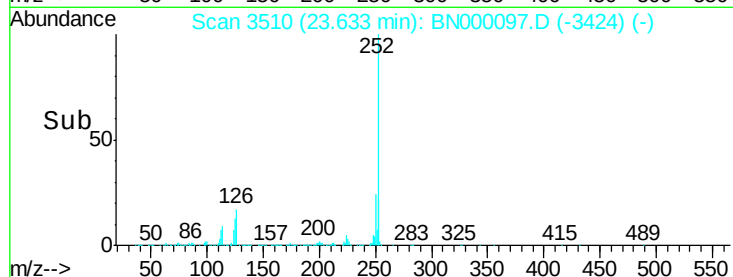
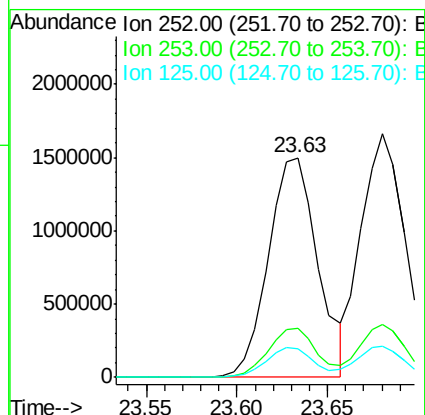
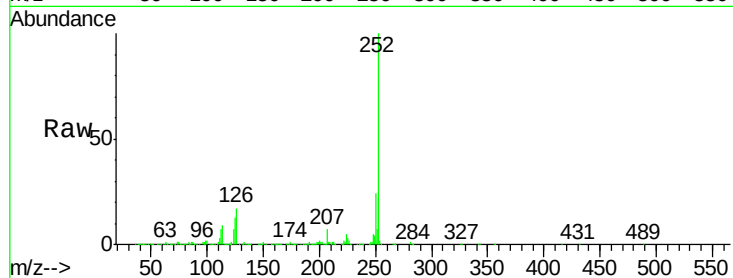




#87
Benzo(b)fluoranthene
Concen: 19.40 ng
RT: 23.63 min Scan# 3510
Delta R.T. -0.02 min
Lab File: BN000097.D
Acq: 15 Feb 2018 15:16

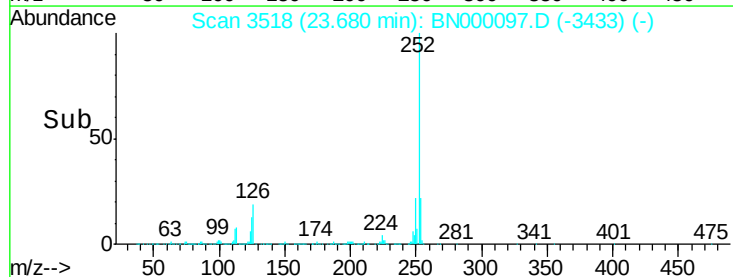
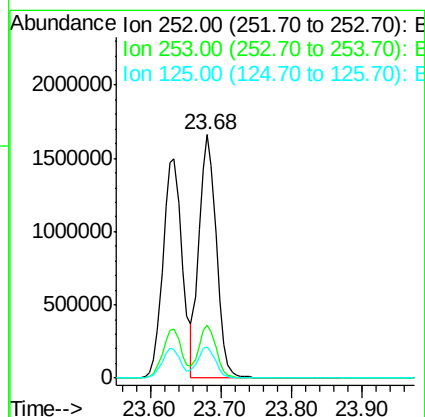
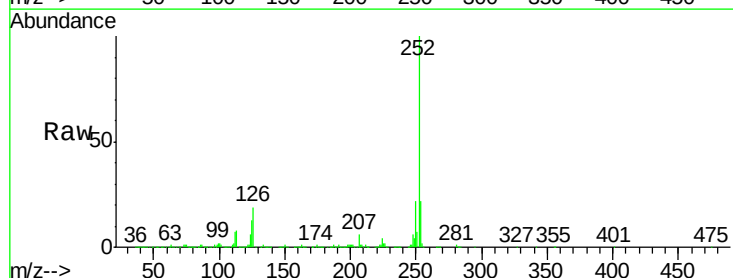
Instrument :
BNA_N
ClientSampleId :

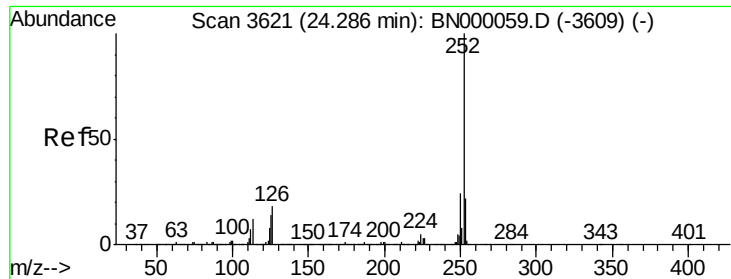
Tot Ion:252 Resp: 2852414
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 13.1 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 19.25 ng
RT: 23.68 min Scan# 3518
Delta R.T. -0.03 min
Lab File: BN000097.D
Acq: 15 Feb 2018 15:16

Tgt Ion:252 Resp: 2851064
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 13.0 6.6 9.8#

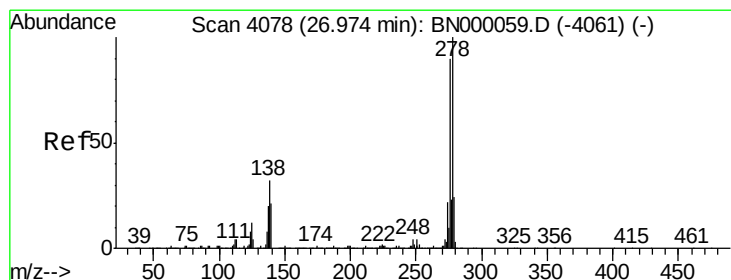
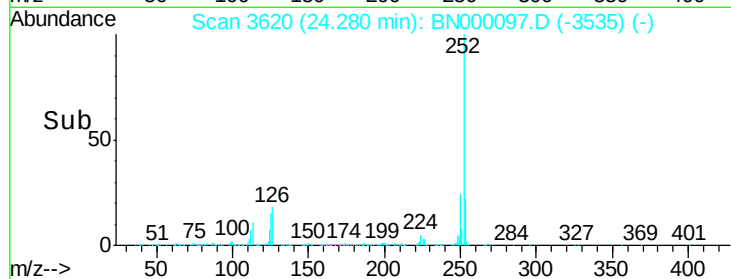
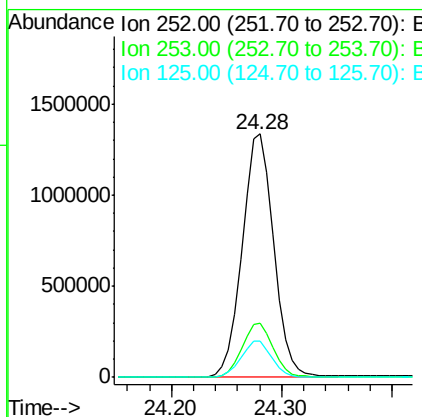
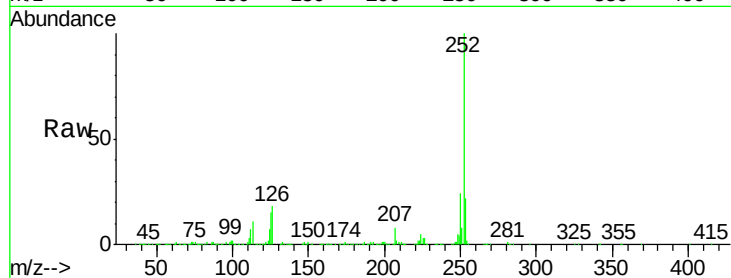




#89
Benzo(a)pyrene
Concen: 19.11 ng
RT: 24.28 min Scan# 3620
Delta R.T. -0.03 min
Lab File: BN000097.D
Acq: 15 Feb 2018 15:16

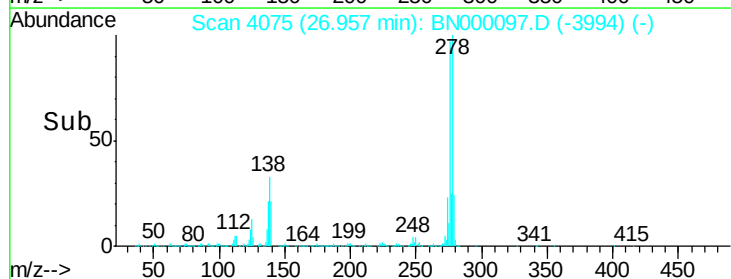
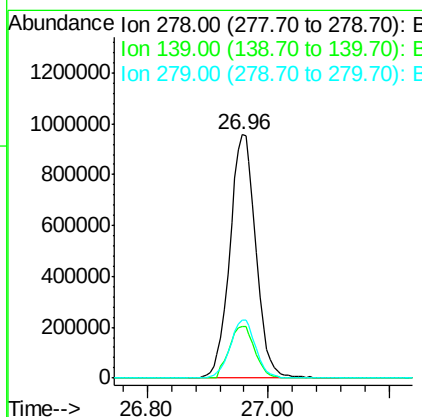
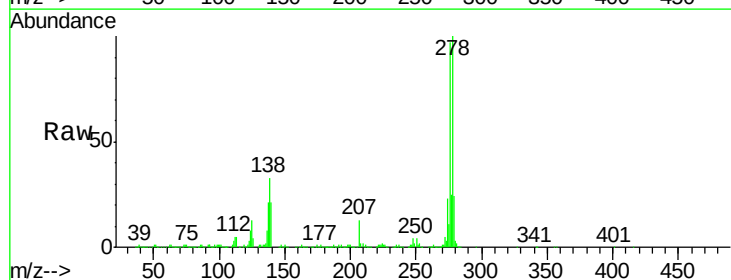
Instrument :
BNA_N
ClientSampleId :

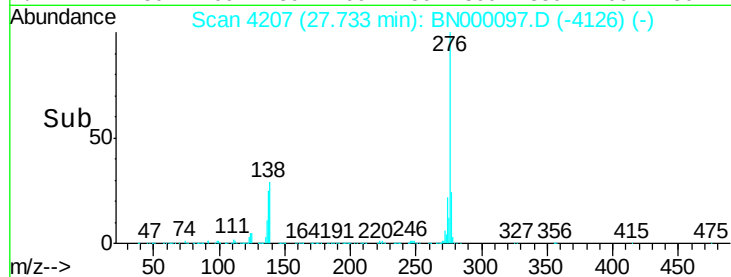
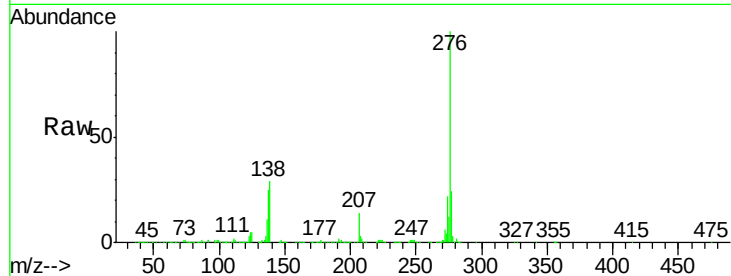
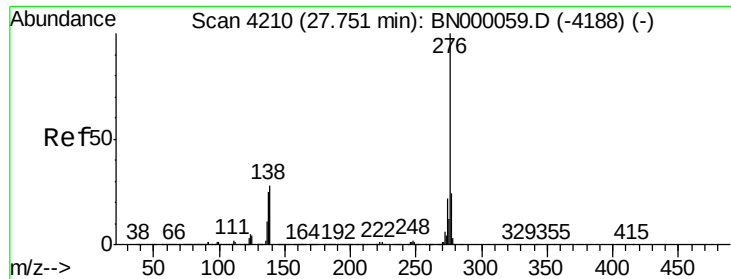
Tot Ion:252 Resp: 2694407
Ion Ratio Lower Upper
252 100
253 22.1 18.3 27.5
125 15.0 7.3 10.9#



#90
Dibenzo(a,h)anthracene
Concen: 19.40 ng
RT: 26.96 min Scan# 4075
Delta R.T. -0.05 min
Lab File: BN000097.D
Acq: 15 Feb 2018 15:16

Tgt Ion:278 Resp: 2860423
Ion Ratio Lower Upper
278 100
139 21.4 9.8 14.6#
279 24.0 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 18.92 ng

RT: 27.73 min Scan# 4207

Delta R.T. -0.05 min

Lab File: BN000097.D

Acq: 15 Feb 2018 15:16

Instrument :

BNA_N

ClientSampleId :

Tot Ion:276 Resp: 2821733

Ion Ratio Lower Upper

276 100

277 23.9 18.3 27.5

138 28.6 13.9 20.9#

