

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099338.D
 Acq On : 11 Oct 2017 11:26
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 11 15:29:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	99059	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	407888	20.00	ng	-0.02
38) Acenaphthene-d10	9.89	164	189592	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	341590	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	240869	20.00	ng	-0.02
86) Perylene-d12	15.48	264	185732	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	521327	83.78	ng	-0.01
7) Phenol-d6	6.49	99	627767	81.78	ng	-0.01
23) Nitrobenzene-d5	7.42	82	514703	80.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	135473	87.32	ng	-0.02
44) 2-Fluorobiphenyl	9.21	172	988985	87.08	ng	-0.02
78) Terphenyl-d14	12.96	244	938564	88.62	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.62	88	119932	40.347	ng	91
3) Pyridine	3.40	79	296704	36.898	ng	93
4) n-Nitrosodimethylamine	3.36	42	110972	32.544	ng	# 78
6) Aniline	6.52	93	406954	39.279	ng	98
8) 2-Chlorophenol	6.64	128	293691	41.676	ng	95
9) Benzaldehyde	6.41	77	153445	34.460	ng	92
10) Phenol	6.50	94	366908	42.738	ng	96
11) bis(2-Chloroethyl)ether	6.59	93	266632	39.950	ng	94
12) 1,3-Dichlorobenzene	6.79	146	313666	42.502	ng	98
13) 1,4-Dichlorobenzene	6.87	146	318685	42.442	ng	98
14) 1,2-Dichlorobenzene	7.02	146	292959	42.225	ng	98
15) Benzyl Alcohol	7.00	79	209984	37.288	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	373560	35.925	ng	97
17) 2-Methylphenol	7.10	107	233251	40.453	ng	96
18) Hexachloroethane	7.36	117	108793	40.309	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	174207	35.545	ng	92
20) 3+4-Methylphenols	7.26	107	282353	38.708	ng	# 86
22) Acetophenone	7.27	105	383564	38.813	ng	# 93
24) Nitrobenzene	7.44	77	282868	39.206	ng	94
25) Isophorone	7.67	82	503055	38.255	ng	99
26) 2-Nitrophenol	7.75	139	160955	46.391	ng	90
27) 2,4-Dimethylphenol	7.79	122	253212	38.645	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	331669	40.473	ng	99
29) 2,4-Dichlorophenol	7.99	162	239094	42.501	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	246797	43.864	ng	99
31) Naphthalene	8.16	128	800811	41.803	ng	100
32) Benzoic acid	7.92	122	146547	27.228	ng	97
33) 4-Chloroaniline	8.20	127	333392	41.674	ng	98
34) Hexachlorobutadiene	8.27	225	126154	43.531	ng	99
35) Caprolactam	8.59	113	73459	40.708	ng	86
36) 4-Chloro-3-methylphenol	8.69	107	253397	40.075	ng	95
37) 2-Methylnaphthalene	8.85	142	517307	41.539	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	243829	43.124	ng	99
40) Hexachlorocyclopentadiene	9.00	237	84906	32.859	ng	97

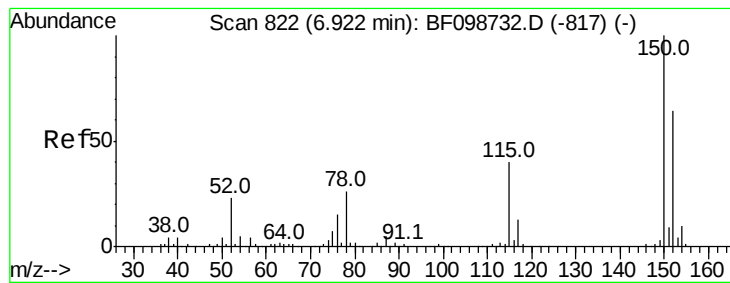
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	164180	40.988	ng	97
43) 2,4,5-Trichlorophenol	9.17	196	163174	40.808	ng	94
45) 1,1'-Biphenyl	9.31	154	679554	41.705	ng	99
46) 2-Chloronaphthalene	9.34	162	508952	41.601	ng	96
47) 2-Nitroaniline	9.43	65	144632	38.609	ng	98
48) Acenaphthylene	9.75	152	776426	41.457	ng	100
49) Dimethylphthalate	9.61	163	602174	42.083	ng	100
50) 2,6-Dinitrotoluene	9.68	165	137973	44.290	ng	# 78
51) Acenaphthene	9.93	154	458436	38.643	ng	99
52) 3-Nitroaniline	9.85	138	155111	42.702	ng	90
53) 2,4-Dinitrophenol	9.96	184	47381	32.913	ng	92
54) Dibenzofuran	10.10	168	655657	41.508	ng	97
55) 4-Nitrophenol	10.01	139	102344	33.321	ng	84
56) 2,4-Dinitrotoluene	10.09	165	176963	43.770	ng	# 84
57) Fluorene	10.44	166	541577	42.657	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	112689	40.797	ng	96
59) Diethylphthalate	10.30	149	579116	41.418	ng	99
60) 4-Chlorophenyl-phenylether	10.43	204	243577	42.710	ng	95
61) 4-Nitroaniline	10.46	138	156820	44.750	ng	90
62) Azobenzene	10.59	77	484681	37.700	ng	95
64) 4,6-Dinitro-2-methylphenol	10.49	198	87845	42.267	ng	86
65) n-Nitrosodiphenylamine	10.55	169	484393	40.933	ng	98
66) 4-Bromophenyl-phenylether	10.92	248	140674	42.073	ng	96
67) Hexachlorobenzene	10.99	284	152665	42.750	ng	97
68) Atrazine	11.07	200	150815	42.359	ng	99
69) Pentachlorophenol	11.18	266	82129	36.953	ng	98
70) Phenanthrene	11.40	178	758651	41.492	ng	98
71) Anthracene	11.45	178	776860	41.525	ng	99
72) Carbazole	11.61	167	749110	40.889	ng	99
73) Di-n-butylphthalate	11.93	149	904123	41.000	ng	99
74) Fluoranthene	12.59	202	776524	41.940	ng	99
76) Benzidine	12.71	184	376059	42.212	ng	99
77) Pyrene	12.82	202	790422	43.034	ng	99
79) Butylbenzylphthalate	13.43	149	370570	42.929	ng	87
80) Benzo(a)anthracene	14.00	228	609964	41.821	ng	99
81) 3,3'-Dichlorobenzidine	13.96	252	222509	41.616	ng	98
82) Chrysene	14.04	228	579941	41.765	ng	98
83) Bis(2-ethylhexyl)phthalate	13.97	149	496408	41.764	ng	# 100
84) Di-n-octyl phthalate	14.59	149	796702	41.627	ng	96
85) Indeno(1,2,3-cd)pyrene	16.96	276	421579	37.953	ng	97
87) Benzo(b)fluoranthene	15.05	252	473878	41.497	ng	96
88) Benzo(k)fluoranthene	15.08	252	501368	44.451	ng	98
89) Benzo(a)pyrene	15.42	252	442295	42.194	ng	97
90) Dibenzo(a,h)anthracene	16.97	278	344510	41.067	ng	98
91) Benzo(g,h,i)perylene	17.41	276	345621	41.680	ng	97

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

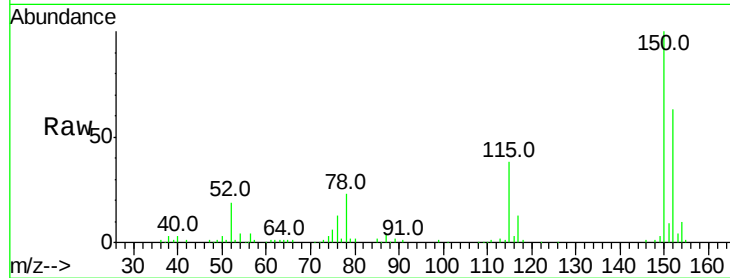


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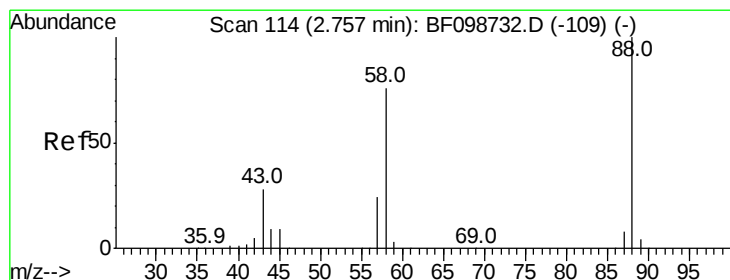
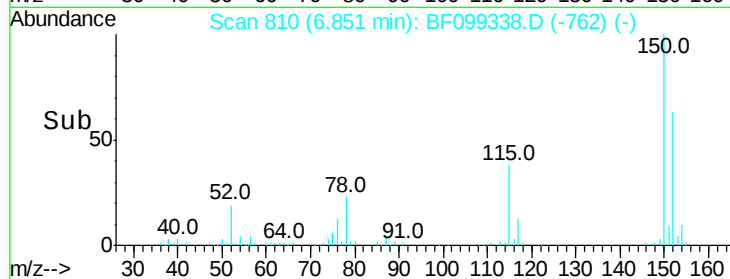
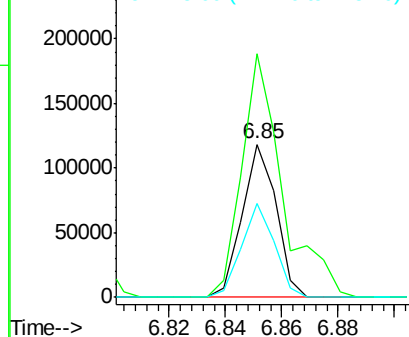
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.02 min
Lab File: BF099338.D
Acq: 11 Oct 2017 11:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 99059
Ion Ratio Lower Upper
152 100
150 159.0 124.6 186.8
115 60.9 50.1 75.1



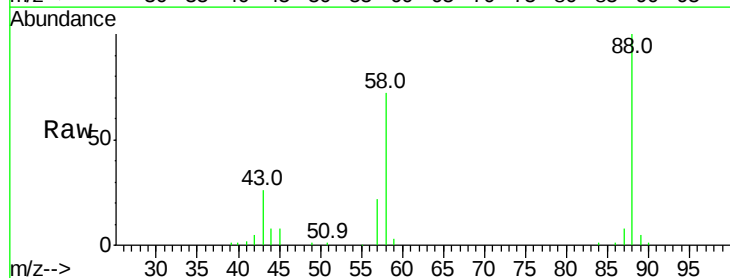
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



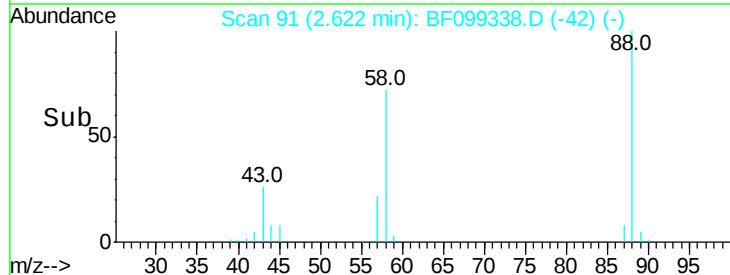
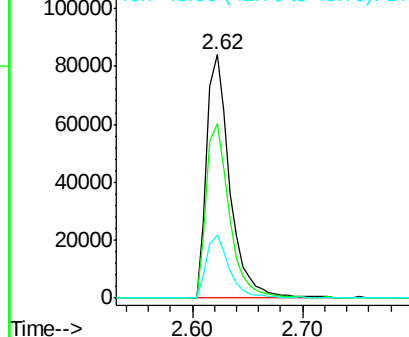
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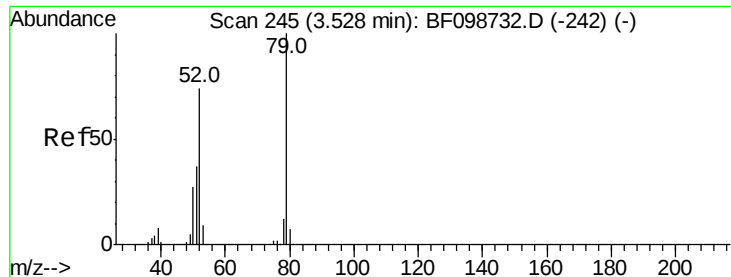
1,4-Dioxane
Concen: 40.347 ng
RT: 2.62 min Scan# 91
Delta R.T. -0.01 min
Lab File: BF099338.D
Acq: 11 Oct 2017 11:26

Tgt Ion: 88 Resp: 119932
Ion Ratio Lower Upper
88 100
58 71.2 62.6 93.8
43 25.4 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 36.898 ng

RT: 3.40 min Scan# 223

Delta R.T. -0.01 min

Lab File: BF099338.D

Acq: 11 Oct 2017 11:26

Instrument :

BNA_F

ClientSampleId :

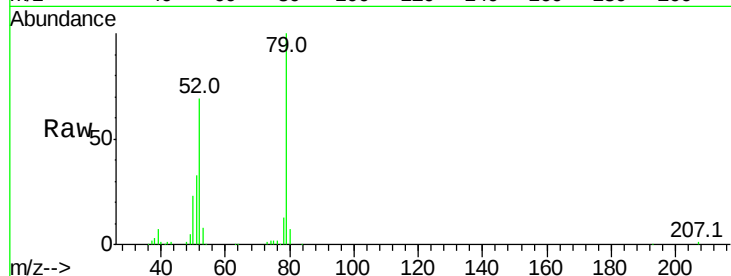
Tot Ion: 79 Resp: 296704

Ion Ratio Lower Upper

79 100

52 69.3 59.8 89.6

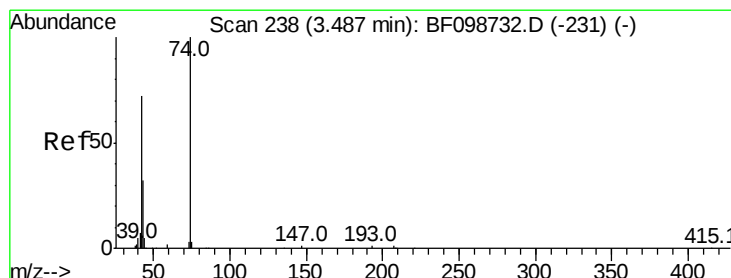
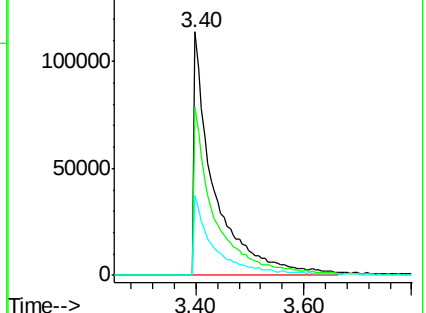
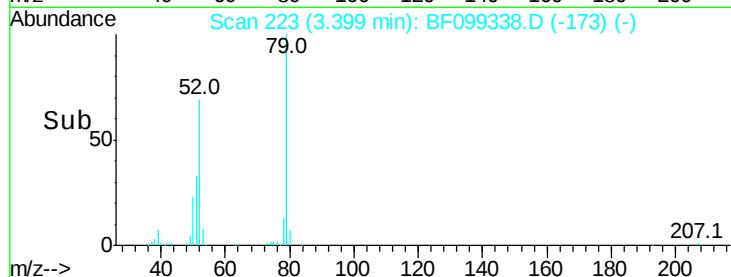
51 33.0 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 32.544 ng

RT: 3.36 min Scan# 216

Delta R.T. -0.01 min

Lab File: BF099338.D

Acq: 11 Oct 2017 11:26

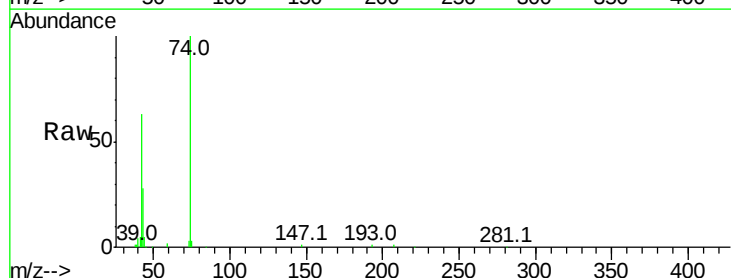
Tgt Ion: 42 Resp: 110972

Ion Ratio Lower Upper

42 100

74 158.7 104.9 157.3#

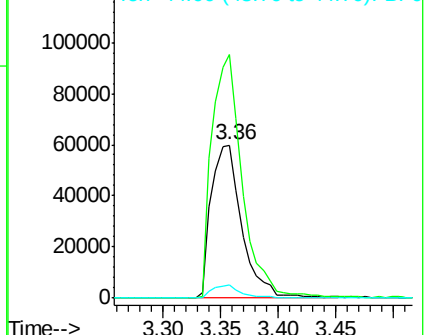
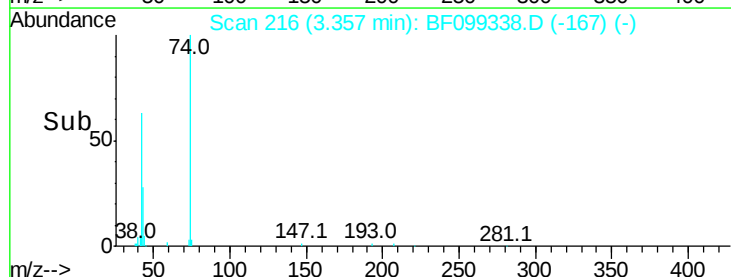
44 8.5 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 83.778 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF099338.D

Acq: 11 Oct 2017 11:26

Instrument :

BNA_F

ClientSampled :

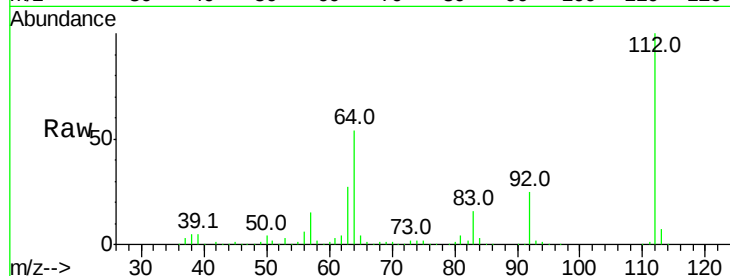
Tot Ion:112 Resp: 521327

Ion Ratio Lower Upper

112 100

64 54.5 47.9 71.9

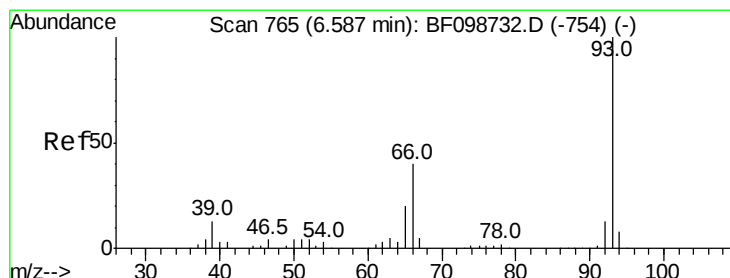
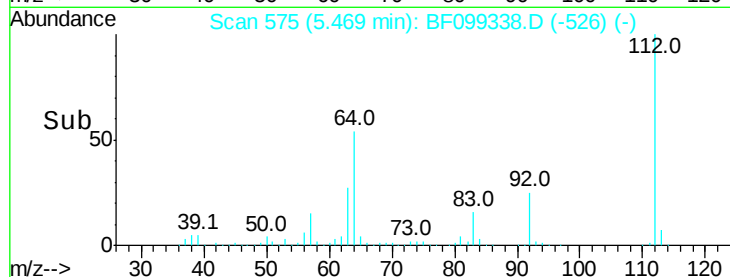
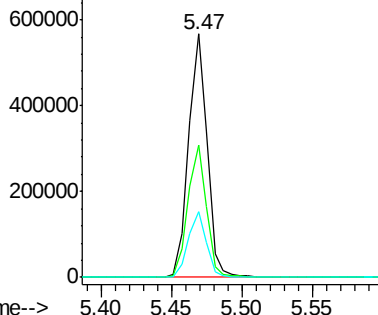
63 26.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.279 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF099338.D

Acq: 11 Oct 2017 11:26

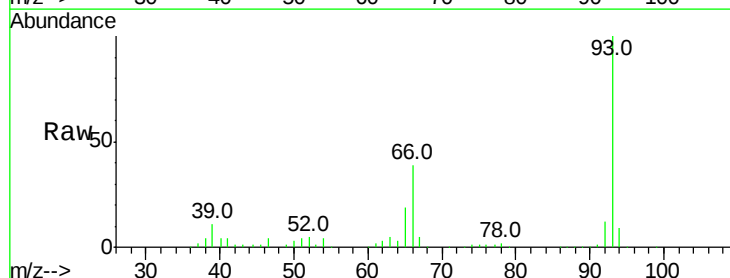
Tgt Ion: 93 Resp: 406954

Ion Ratio Lower Upper

93 100

66 39.2 32.2 48.2

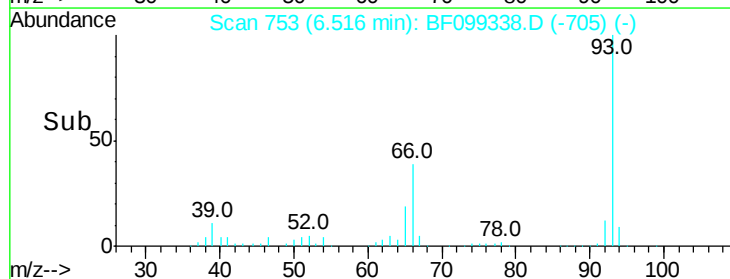
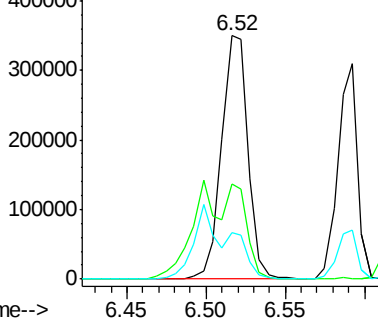
65 19.3 16.4 24.6

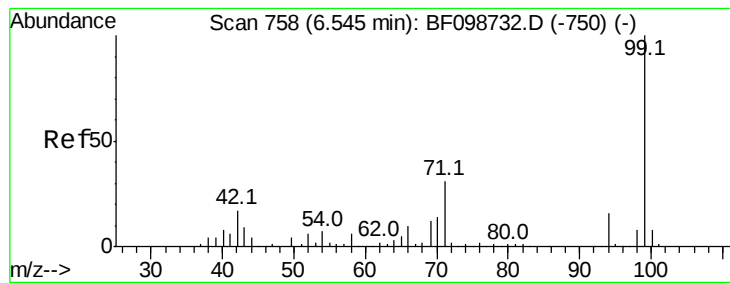


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.779 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF099338.D

Acq: 11 Oct 2017 11:26

Instrument :

BNA_F

ClientSampleId :

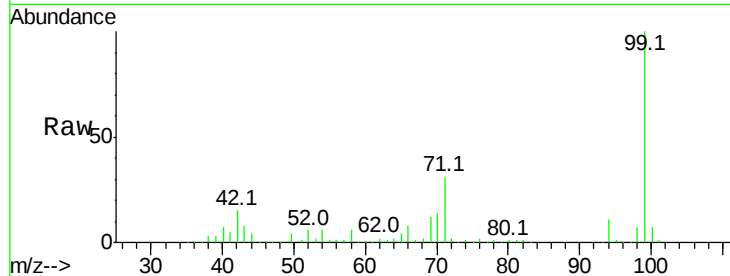
Tot Ion: 99 Resp: 627767

Ion Ratio Lower Upper

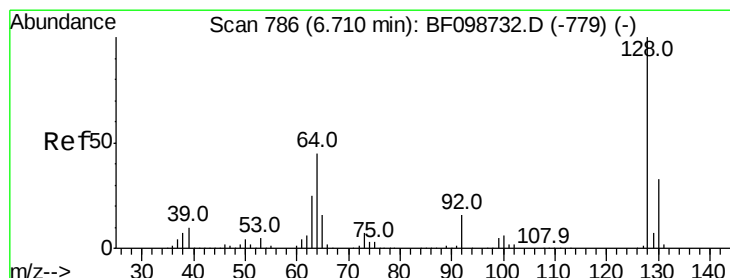
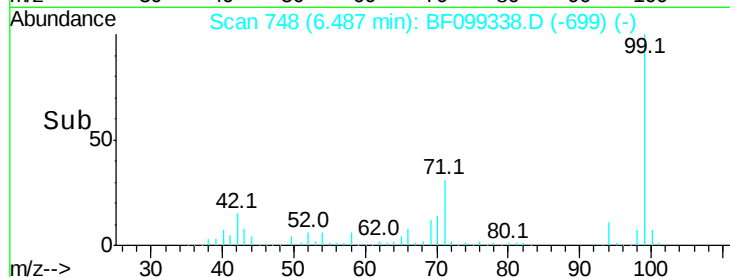
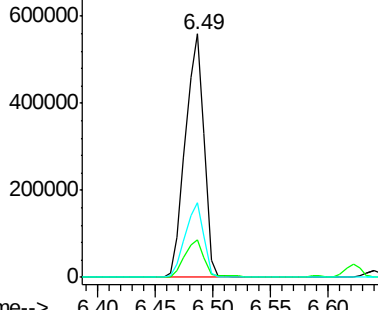
99 100

42 15.5 14.5 21.7

71 30.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.676 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.02 min

Lab File: BF099338.D

Acq: 11 Oct 2017 11:26

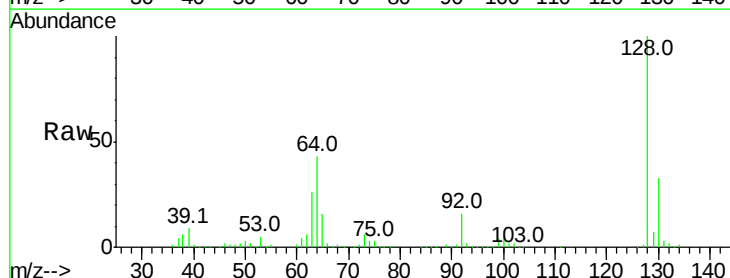
Tgt Ion: 128 Resp: 293691

Ion Ratio Lower Upper

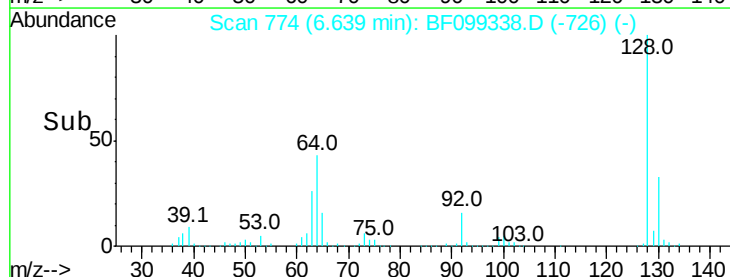
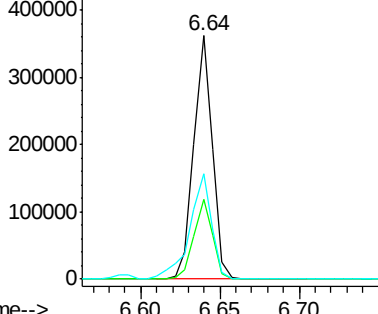
128 100

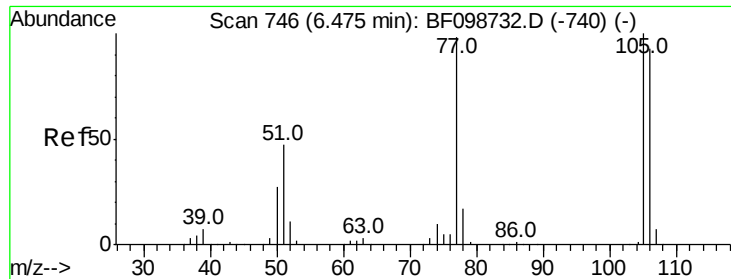
130 32.8 13.0 53.0

64 43.4 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

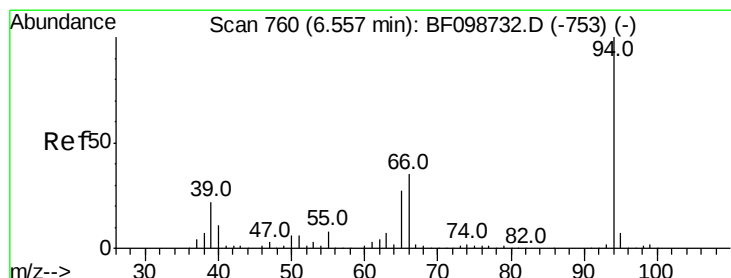
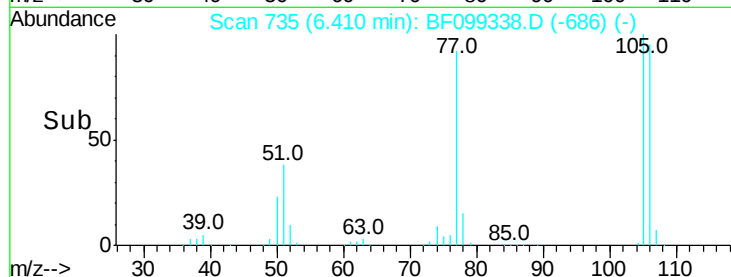
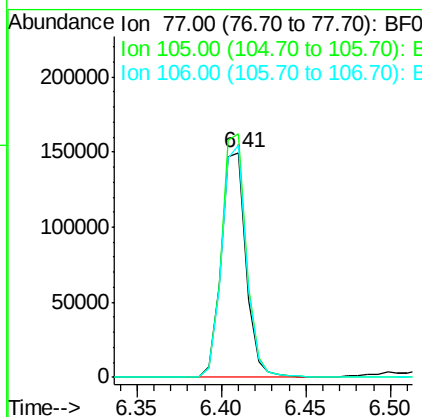
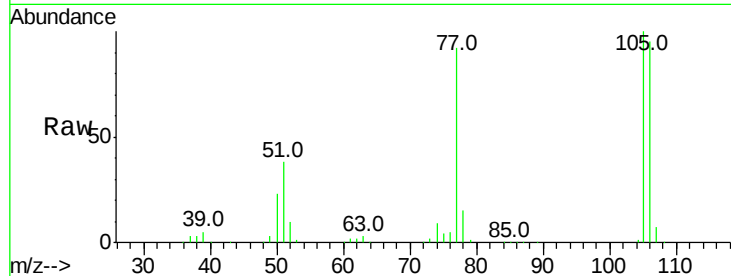




#9
Benzaldehyde
Concen: 34.460 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF099338.D
Acq: 11 Oct 2017 11:26

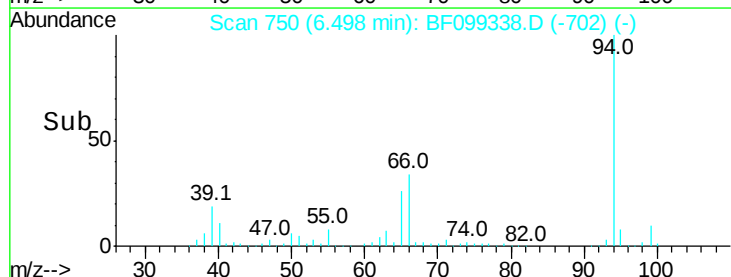
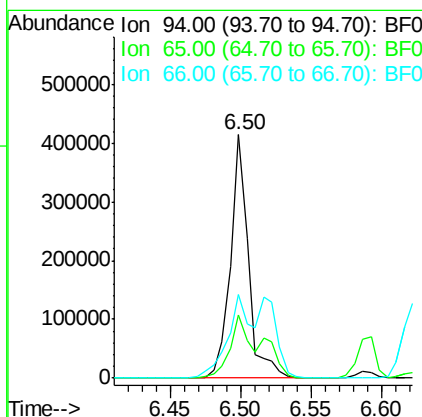
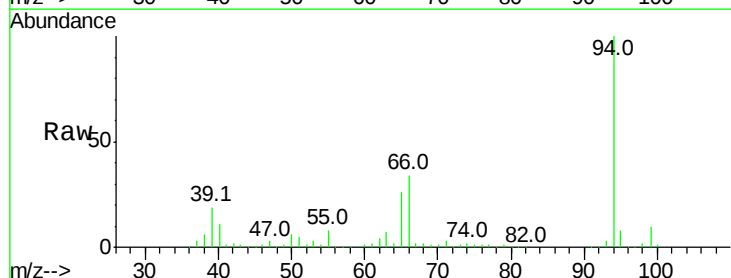
Instrument :
BNA_F
ClientSampleId :

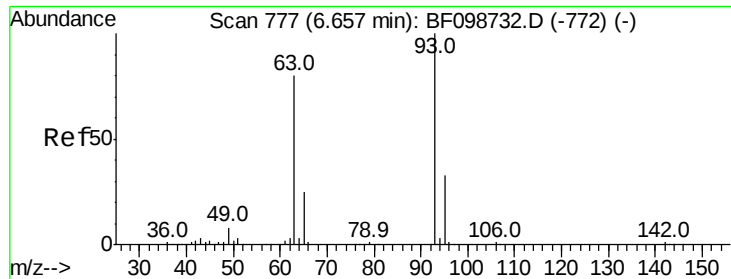
Tot Ion: 77 Resp: 153445
Ion Ratio Lower Upper
77 100
105 108.4 81.1 121.1
106 103.6 74.5 114.5



#10
Phenol
Concen: 42.738 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF099338.D
Acq: 11 Oct 2017 11:26

Tgt Ion: 94 Resp: 366908
Ion Ratio Lower Upper
94 100
65 25.7 7.9 47.9
66 34.2 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 39.950 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF099338.D

Acq: 11 Oct 2017 11:26

Instrument :

BNA_F

ClientSampleId :

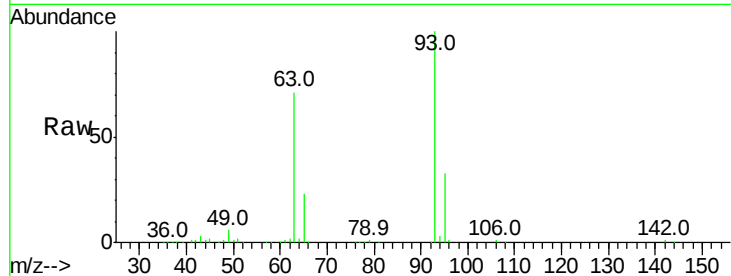
Tot Ion: 93 Resp: 266632

Ion Ratio Lower Upper

93 100

63 71.5 58.6 98.6

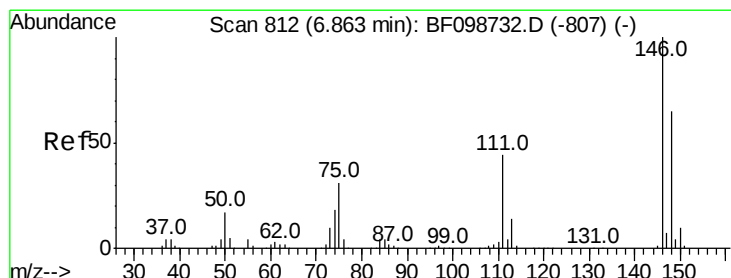
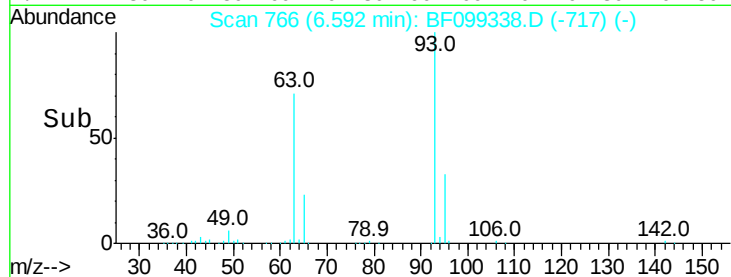
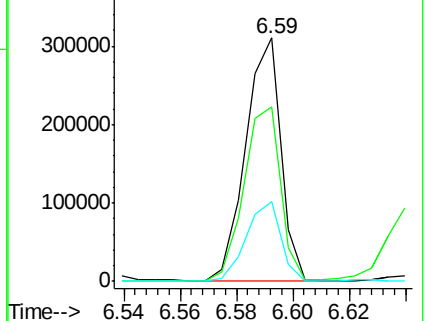
95 32.6 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 42.502 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.02 min

Lab File: BF099338.D

Acq: 11 Oct 2017 11:26

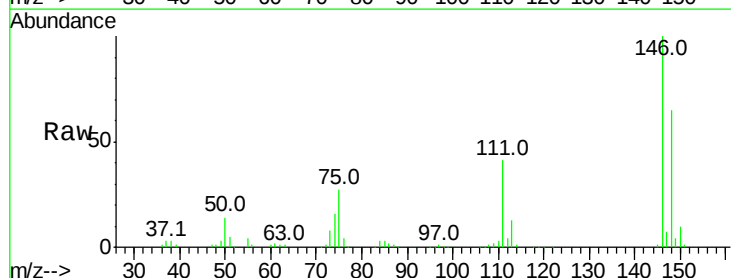
Tgt Ion: 146 Resp: 313666

Ion Ratio Lower Upper

146 100

148 64.9 51.8 77.8

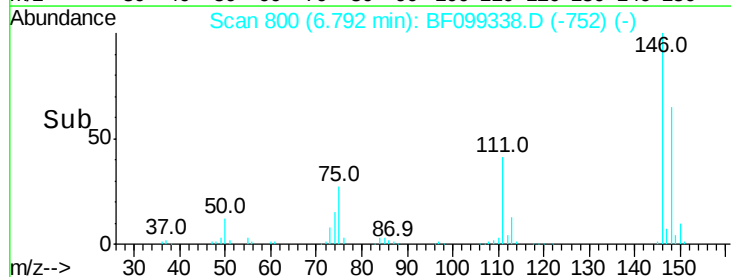
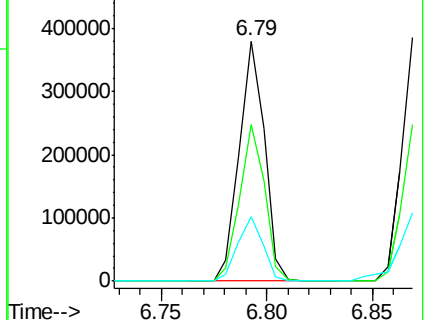
75 26.9 24.2 36.4

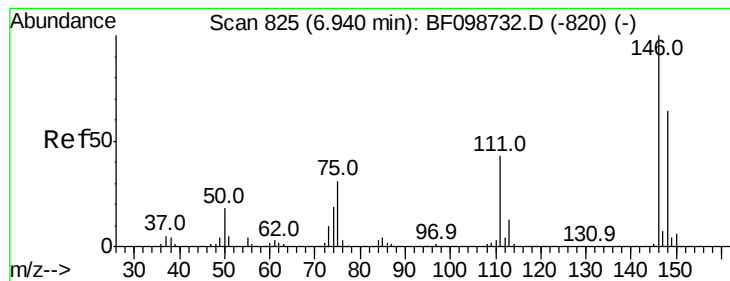


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 42.442 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.02 min

Lab File: BF099338.D

Acq: 11 Oct 2017 11:26

Instrument :

BNA_F

ClientSampled :

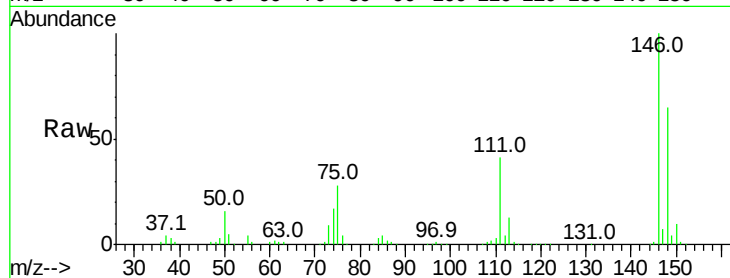
Tot Ion:146 Resp: 318685

Ion Ratio Lower Upper

146 100

148 64.6 50.8 76.2

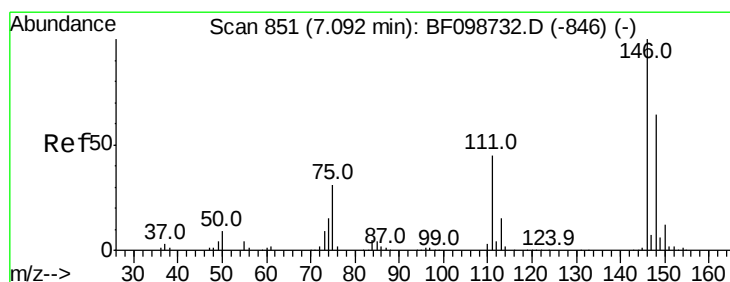
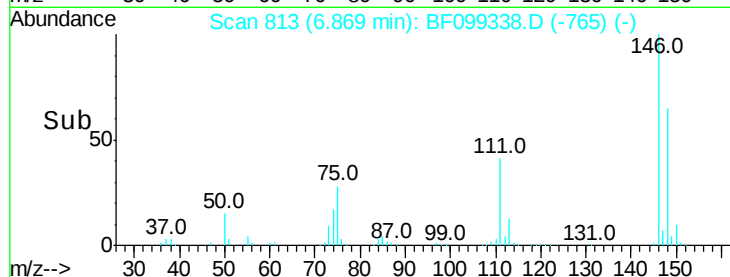
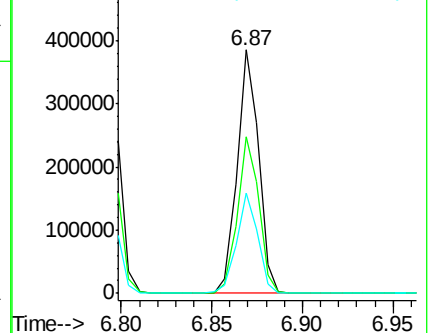
111 40.9 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.225 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.02 min

Lab File: BF099338.D

Acq: 11 Oct 2017 11:26

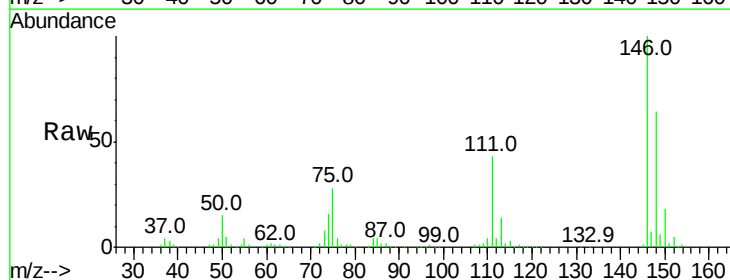
Tgt Ion:146 Resp: 292959

Ion Ratio Lower Upper

146 100

148 64.1 50.6 75.8

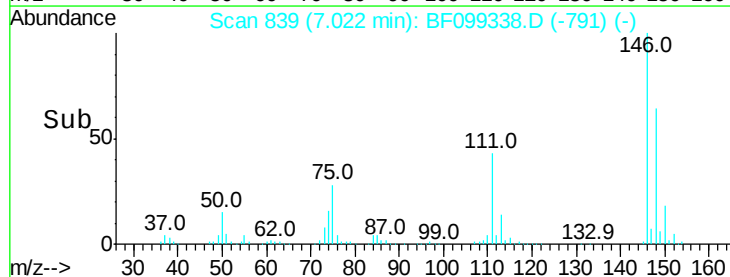
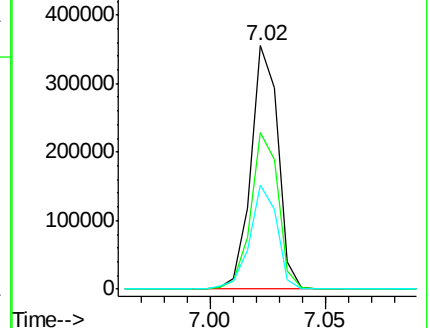
111 43.0 36.0 54.0

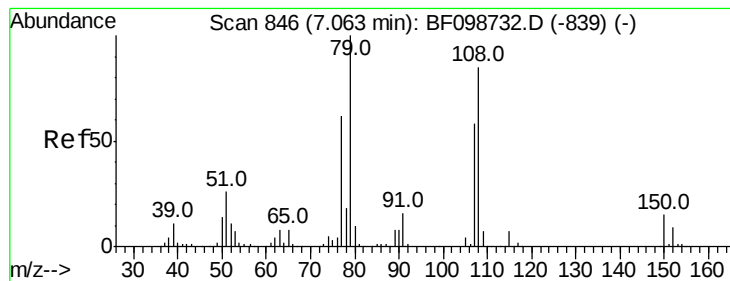


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.288 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF099338.D

Acq: 11 Oct 2017 11:26

Instrument :
BNA_F
ClientSampleId :

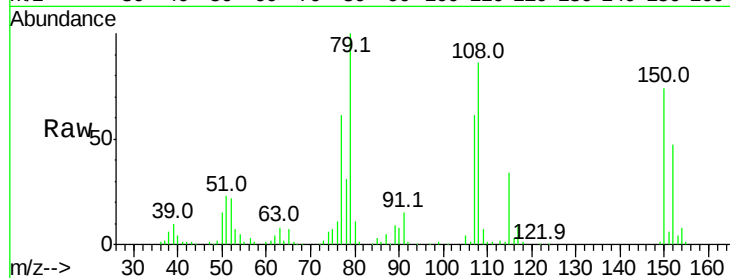
Tot Ion: 79 Resp: 209984

Ion Ratio Lower Upper

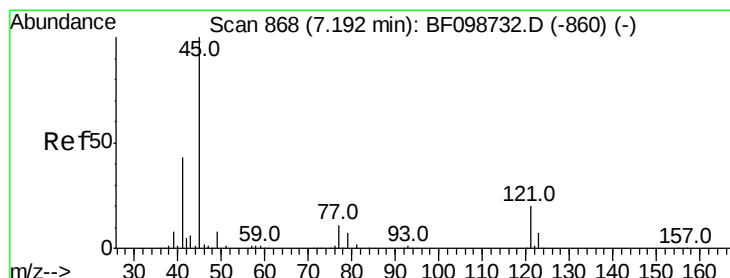
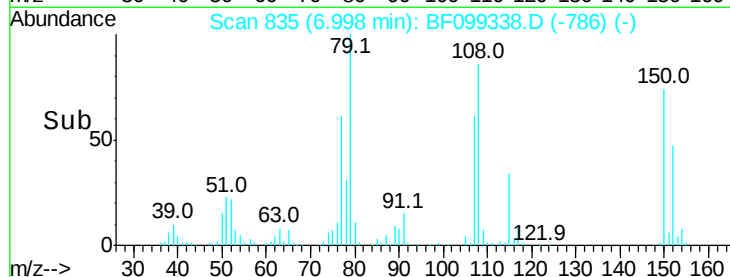
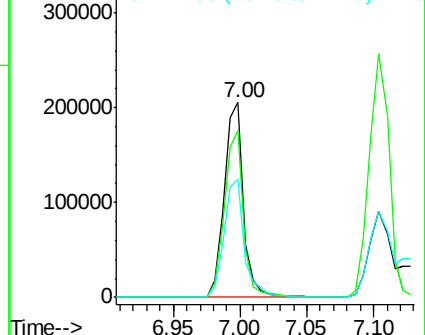
79 100

108 85.9 65.1 97.7

77 60.7 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.925 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF099338.D

Acq: 11 Oct 2017 11:26

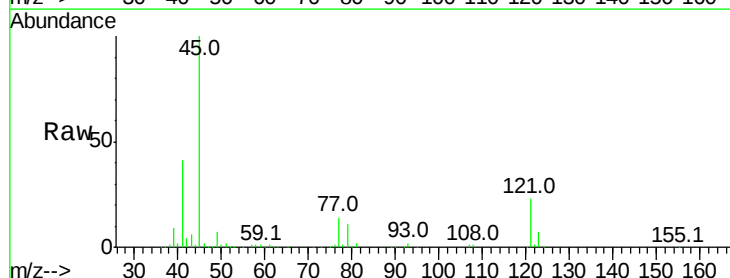
Tgt Ion: 45 Resp: 373560

Ion Ratio Lower Upper

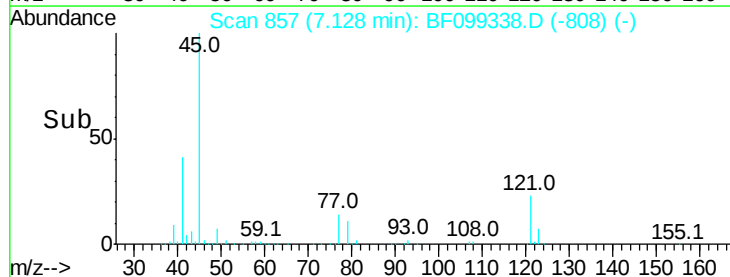
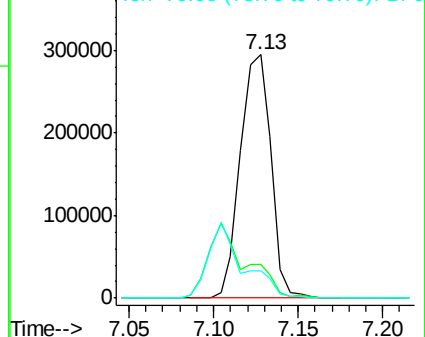
45 100

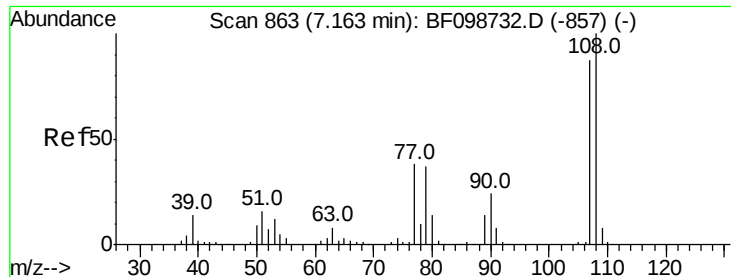
77 14.1 0.0 32.9

79 11.1 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

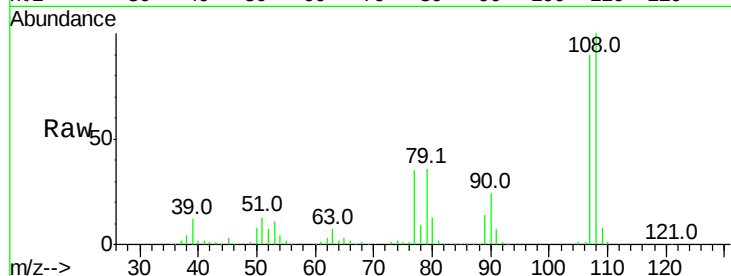




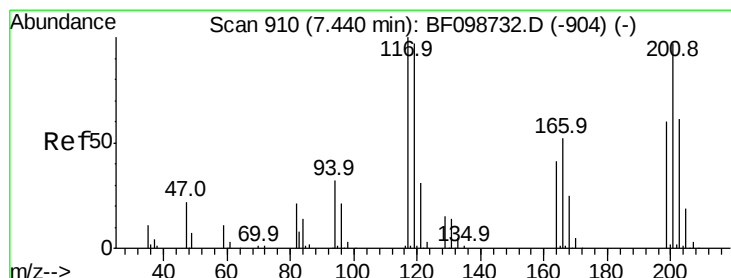
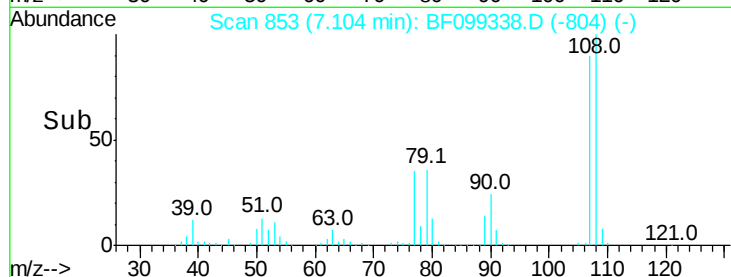
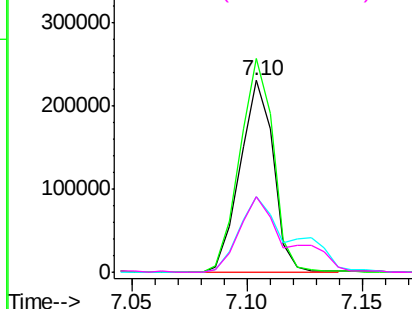
#17
2-Methylphenol
Concen: 40.453 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF099338.D
Acq: 11 Oct 2017 11:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 233251
Ion Ratio Lower Upper
107 100
108 111.5 91.7 137.5
77 39.2 33.8 50.8
79 39.7 33.8 50.8

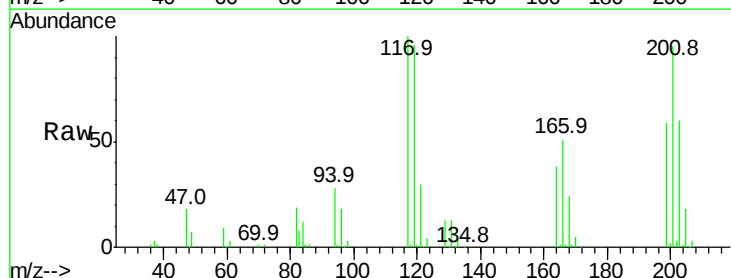


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

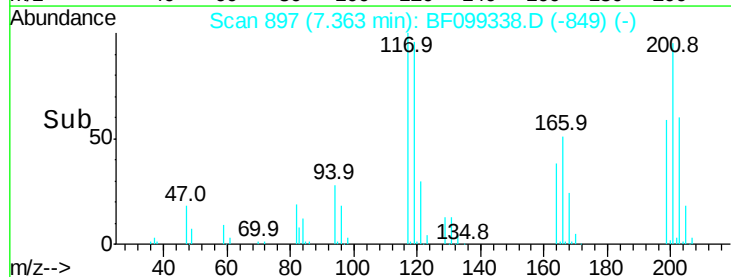
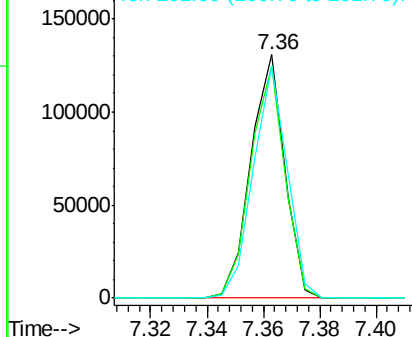


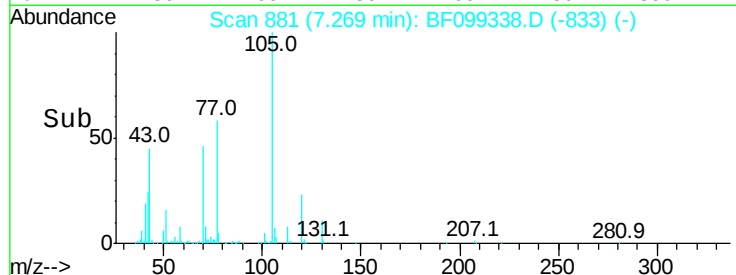
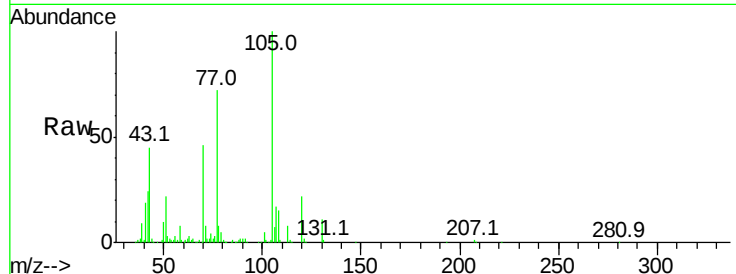
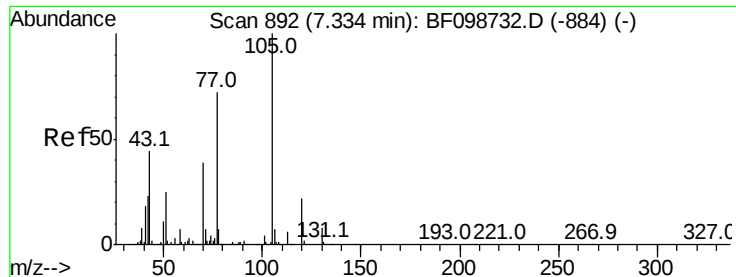
#18
Hexachloroethane
Concen: 40.309 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF099338.D
Acq: 11 Oct 2017 11:26

Tgt Ion:117 Resp: 108793
Ion Ratio Lower Upper
117 100
119 95.5 75.8 113.8
201 95.3 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

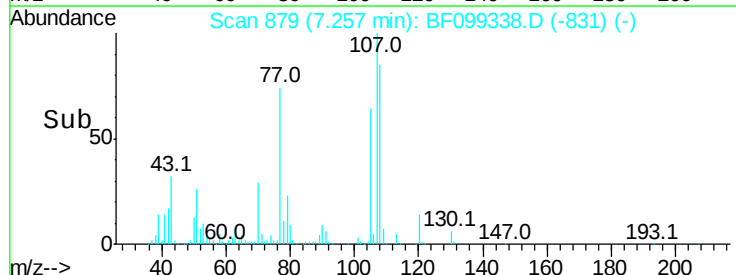
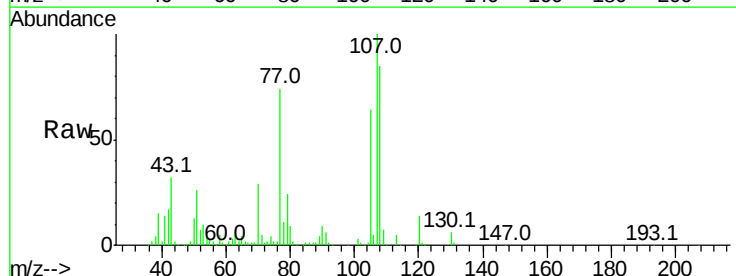
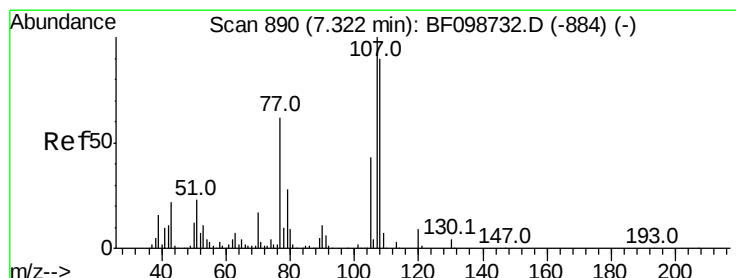
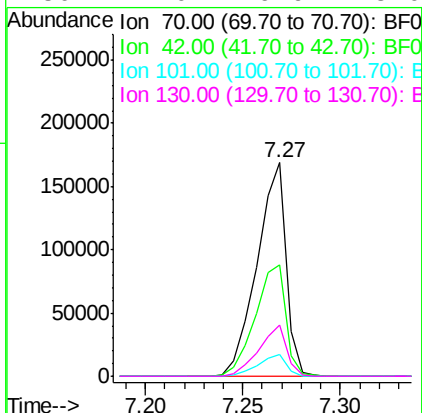




#19
n-Nitroso-di-n-propylamine
Concen: 35.545 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF099338.D
Acq: 11 Oct 2017 11:26

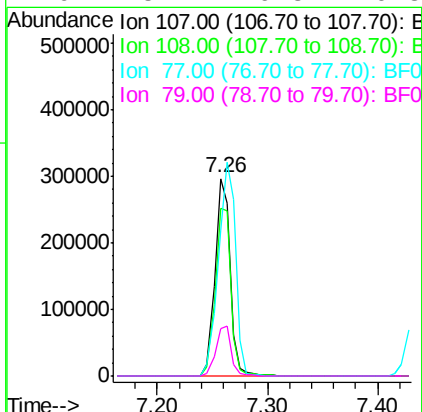
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	174207
Ion	Ratio	Lower	Upper
70	100		
42	52.3	47.5	71.3
101	10.5	7.4	11.2
130	24.0	16.6	25.0



#20
3+4-Methylphenols
Concen: 38.708 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF099338.D
Acq: 11 Oct 2017 11:26

Tgt Ion:	107	Resp:	282353
Ion	Ratio	Lower	Upper
107	100		
108	85.2	68.2	108.2
77	73.8	26.7	66.7#
79	23.7	6.3	46.3

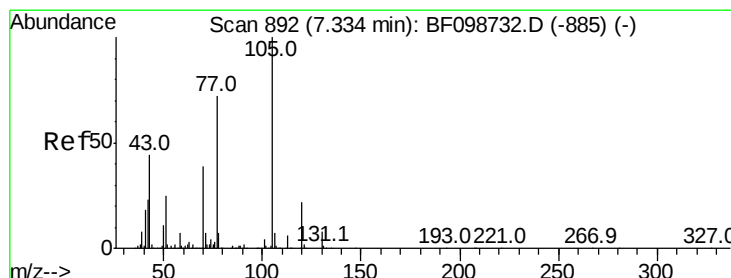
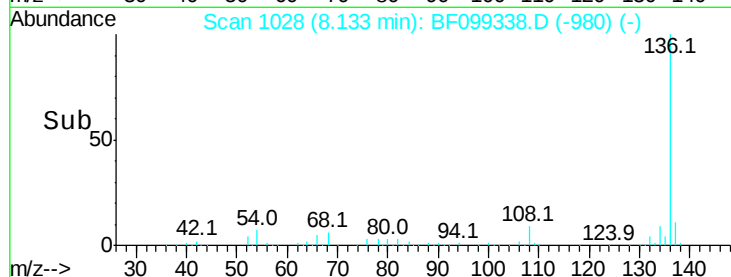
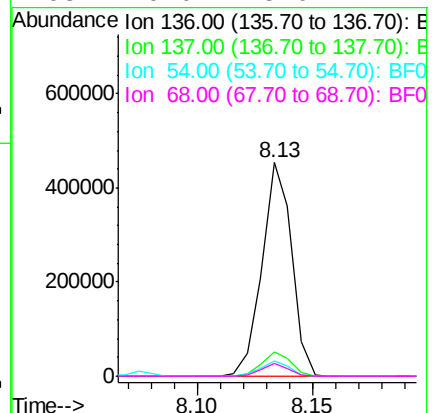
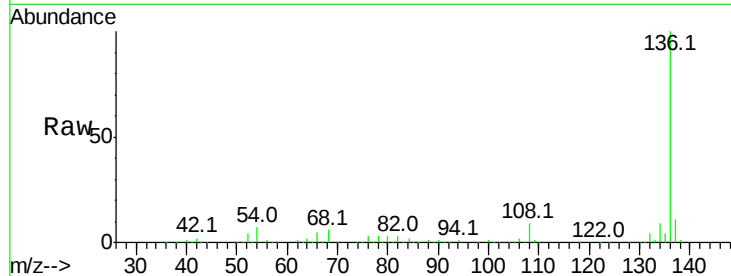




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF099338.D
Acq: 11 Oct 2017 11:26

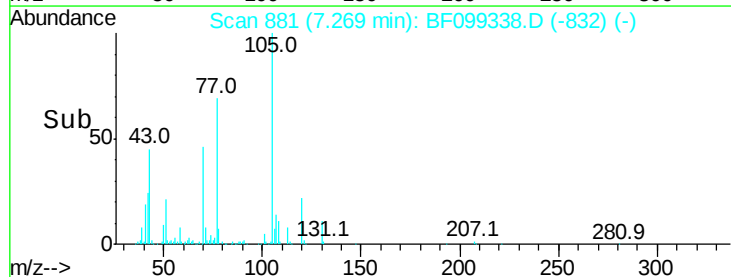
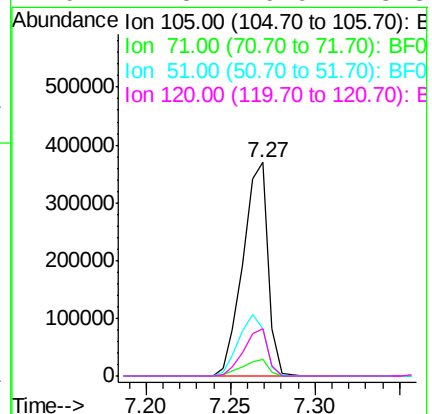
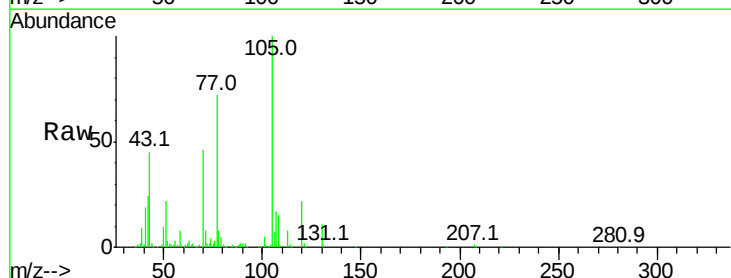
Instrument :
BNA_F
ClientSampleId :

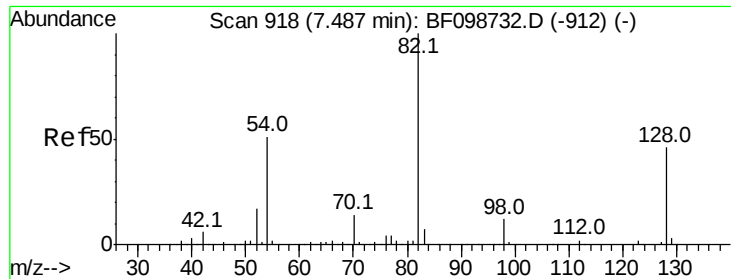
Tot Ion:136	Resp:	407888
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.9 13.3
54	7.4	6.6 9.8
68	6.0	5.0 7.4



#22
Acetophenone
Concen: 38.813 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF099338.D
Acq: 11 Oct 2017 11:26

Tgt Ion:105	Resp:	383564
Ion Ratio	Lower	Upper
105	100	
71	7.8	4.4 6.6#
51	22.2	22.3 33.5#
120	22.3	16.9 25.3

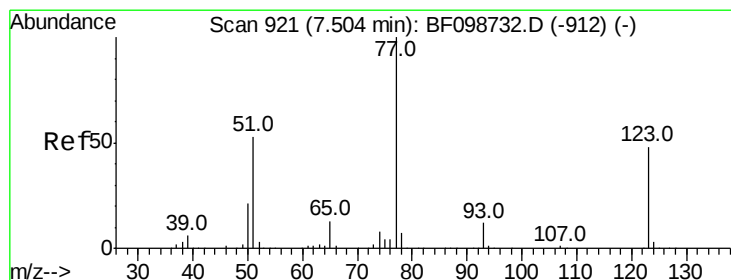
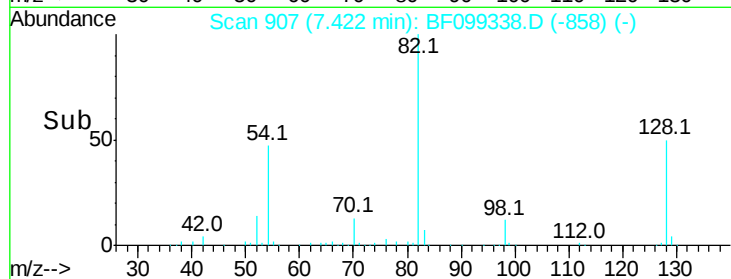
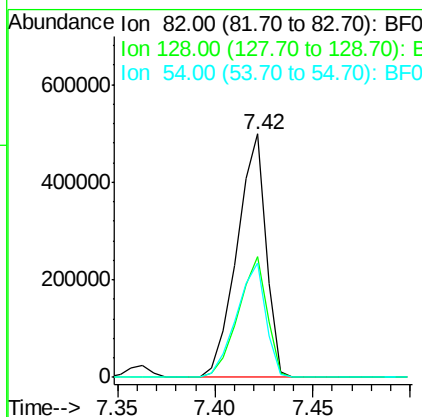
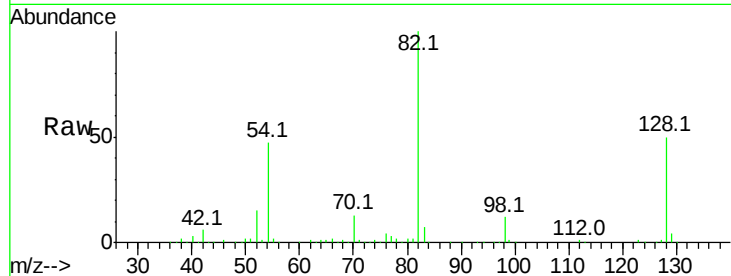




#23
 Nitrobenzene-d5
 Concen: 80.924 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF099338.D
 Acq: 11 Oct 2017 11:26

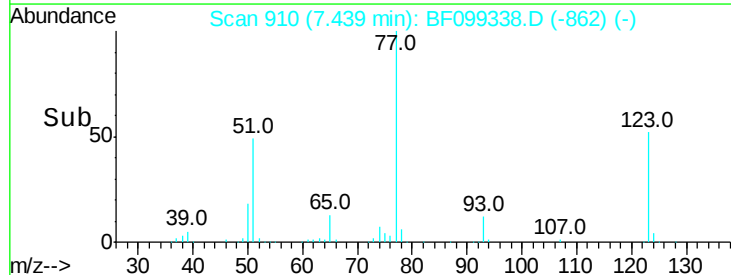
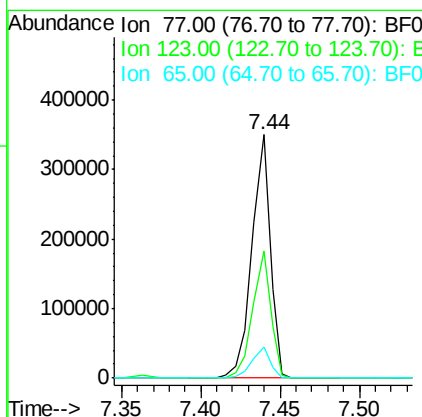
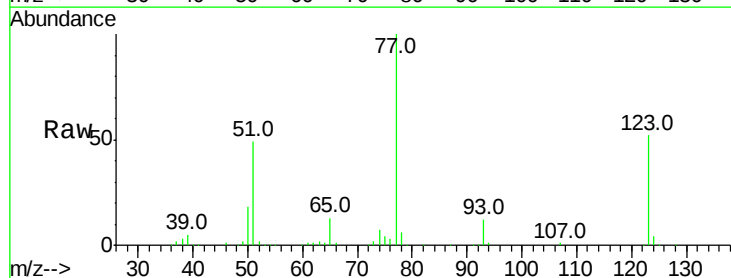
Instrument :
 BNA_F
 ClientSampleId :

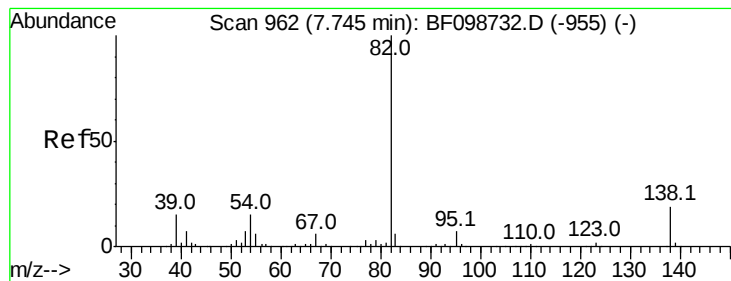
Tot Ion: 82 Resp: 514703
 Ion Ratio Lower Upper
 82 100
 128 49.8 36.1 54.1
 54 47.1 41.4 62.2



#24
 Nitrobenzene
 Concen: 39.206 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.02 min
 Lab File: BF099338.D
 Acq: 11 Oct 2017 11:26

Tgt Ion: 77 Resp: 282868
 Ion Ratio Lower Upper
 77 100
 123 52.2 37.9 56.9
 65 13.0 11.0 16.4





#25

Isophorone

Concen: 38.255 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF099338.D

Acq: 11 Oct 2017 11:26

Instrument :

BNA_F

ClientSampleId :

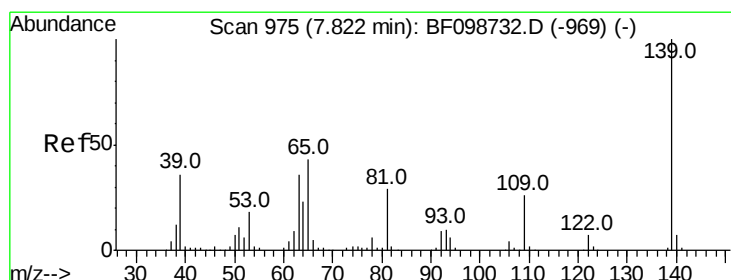
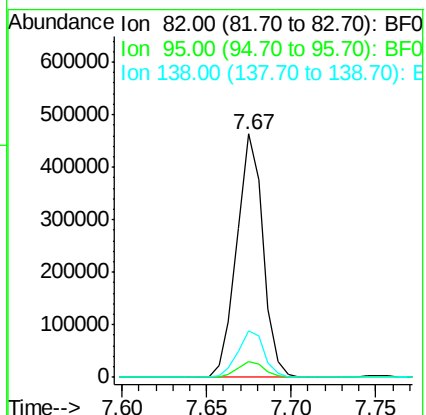
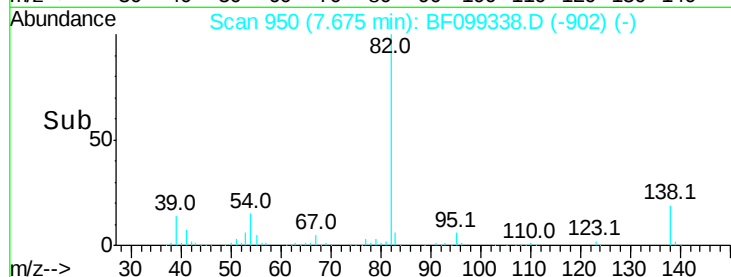
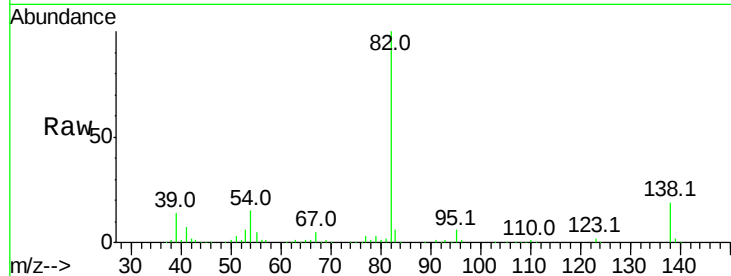
Tot Ion: 82 Resp: 503055

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 19.3 14.9 22.3



#26

2-Nitrophenol

Concen: 46.391 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.02 min

Lab File: BF099338.D

Acq: 11 Oct 2017 11:26

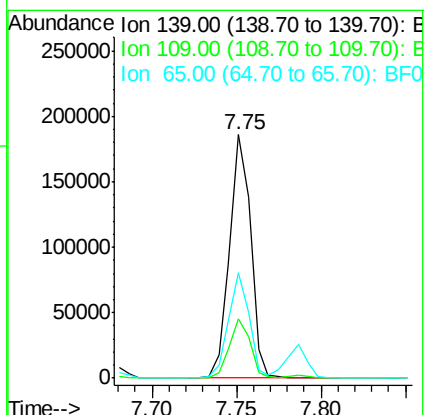
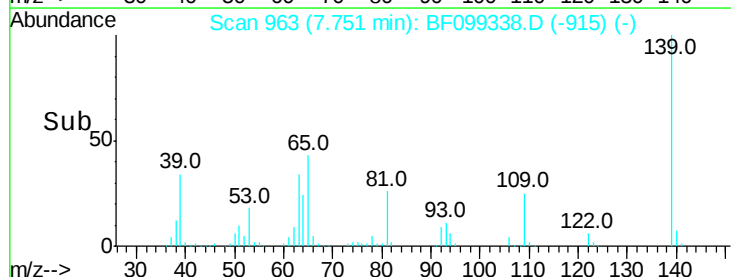
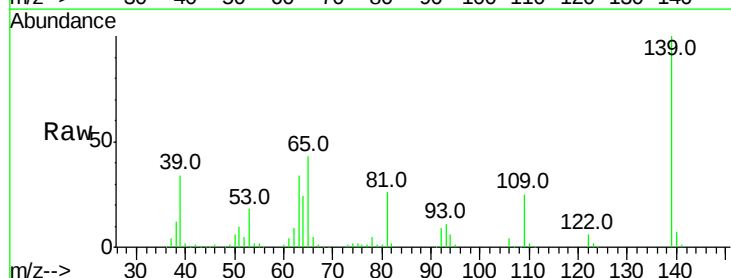
Tgt Ion: 139 Resp: 160955

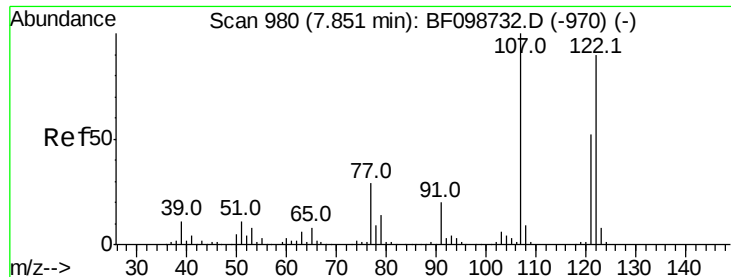
Ion Ratio Lower Upper

139 100

109 24.6 22.7 34.1

65 43.1 40.5 60.7

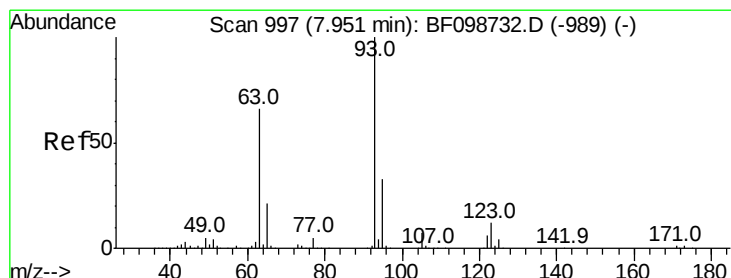
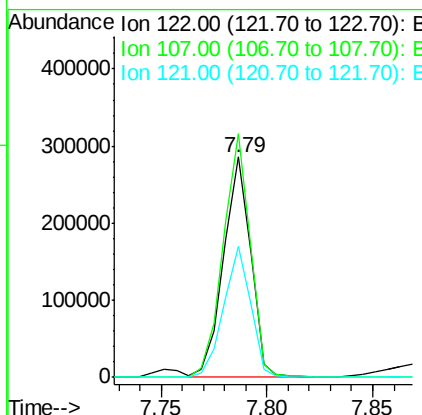
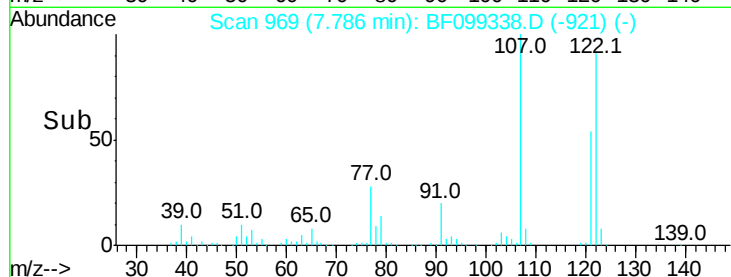
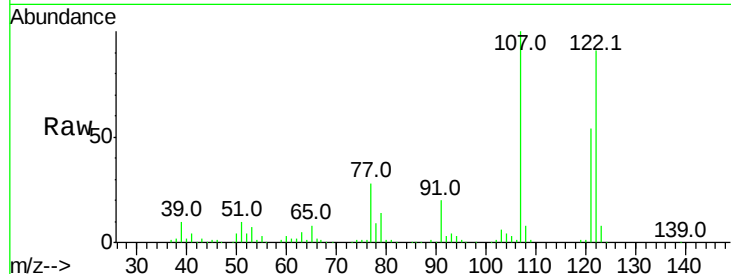




#27
2,4-Dimethylphenol
Concen: 38.645 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.02 min
Lab File: BF099338.D
Acq: 11 Oct 2017 11:26

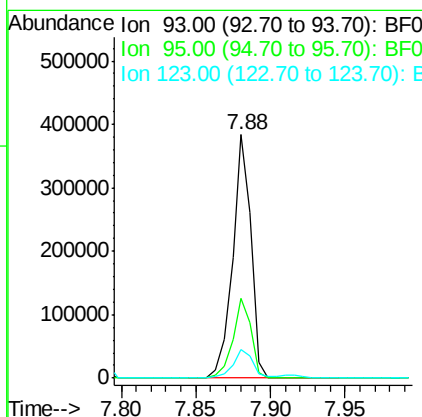
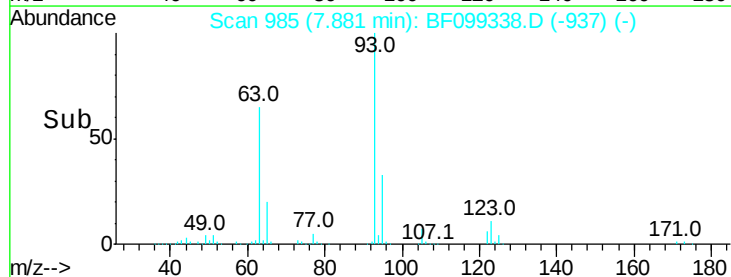
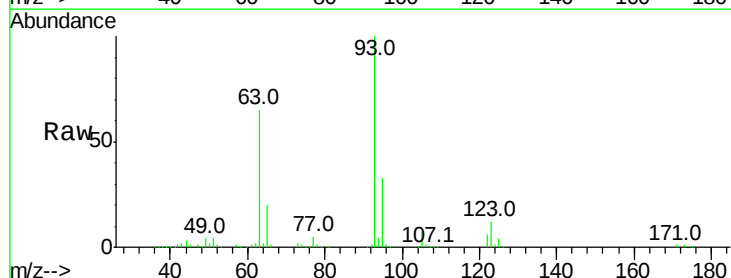
Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 253212
Ion Ratio Lower Upper
122 100
107 110.4 91.2 136.8
121 59.6 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 40.473 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF099338.D
Acq: 11 Oct 2017 11:26

Tgt Ion: 93 Resp: 331669
Ion Ratio Lower Upper
93 100
95 32.8 26.3 39.5
123 11.6 9.8 14.6

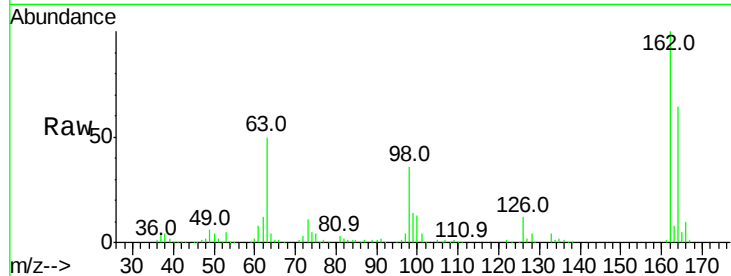




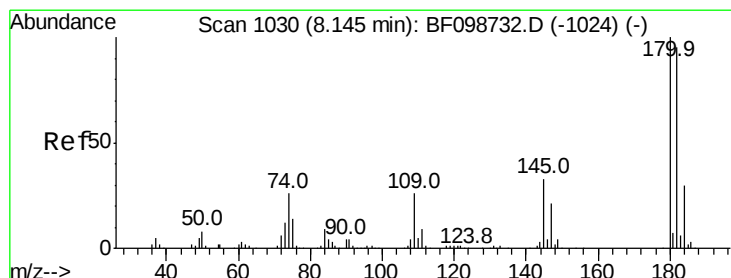
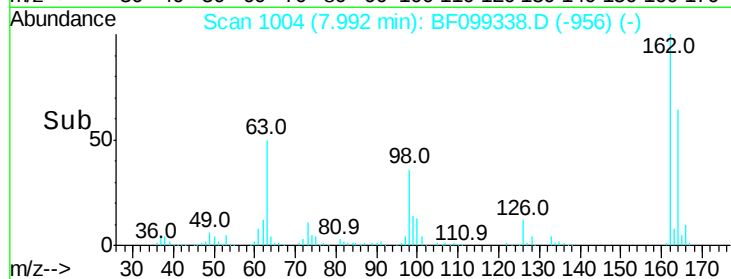
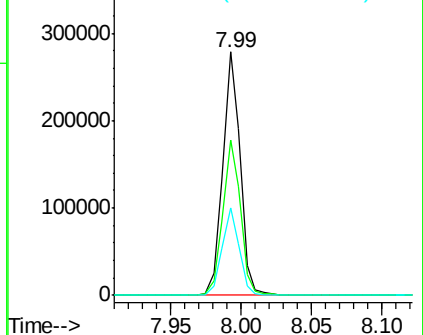
#29
 2,4-Dichlorophenol
 Concen: 42.501 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.02 min
 Lab File: BF099338.D
 Acq: 11 Oct 2017 11:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	42.7	82.7
98	36.2	18.1	58.1

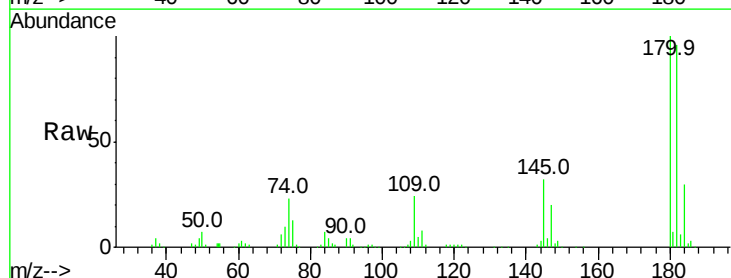


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BFO

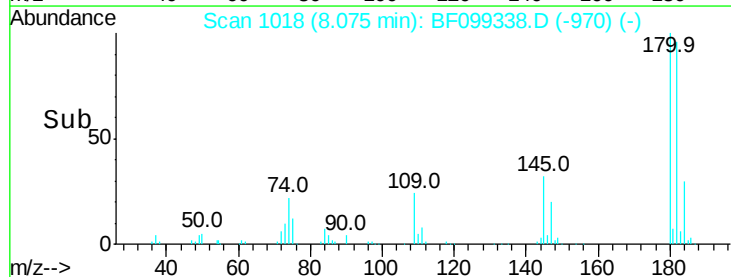
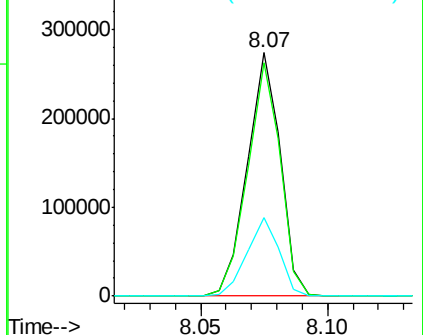


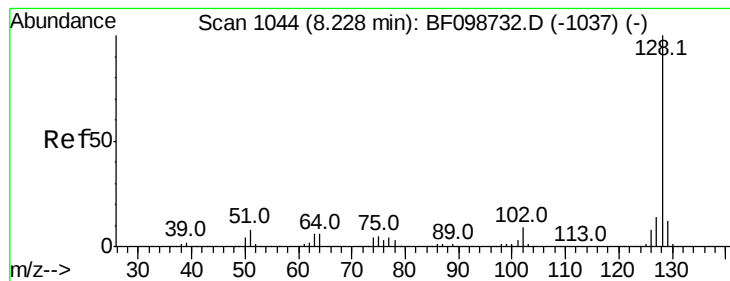
#30
 1,2,4-Trichlorobenzene
 Concen: 43.864 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.02 min
 Lab File: BF099338.D
 Acq: 11 Oct 2017 11:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.8	115.2
145	32.1	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.803 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF099338.D

Acq: 11 Oct 2017 11:26

Instrument :

BNA_F

ClientSampleId :

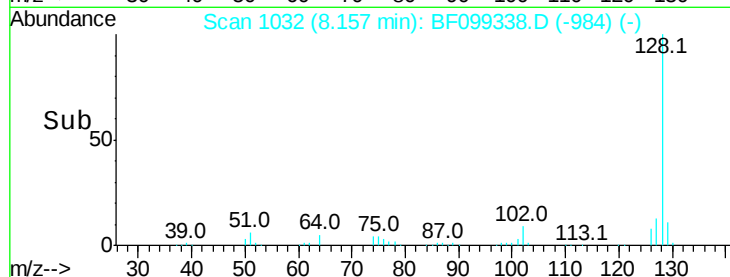
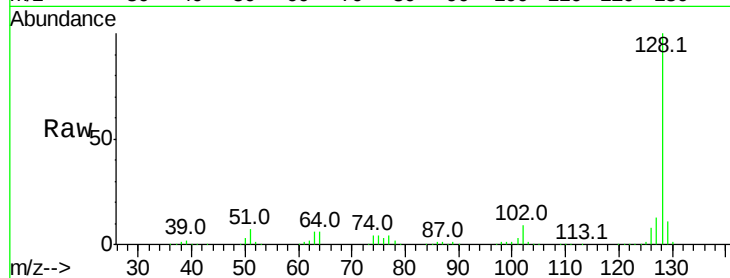
Tot Ion:128 Resp: 800811

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

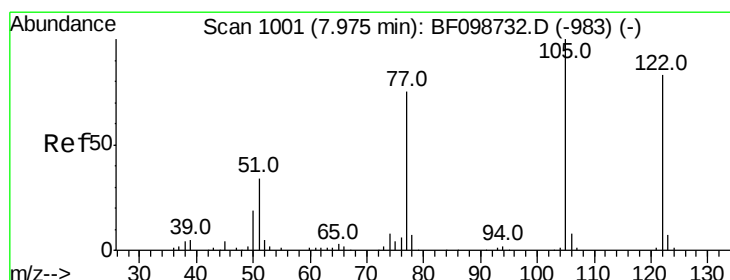
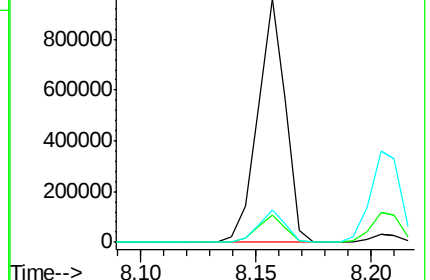
127 13.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 27.228 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.03 min

Lab File: BF099338.D

Acq: 11 Oct 2017 11:26

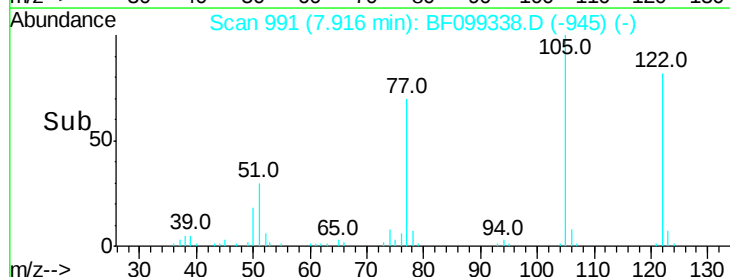
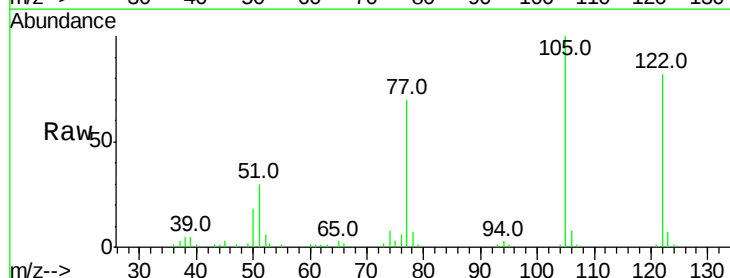
Tgt Ion:122 Resp: 146547

Ion Ratio Lower Upper

122 100

105 122.4 101.1 141.1

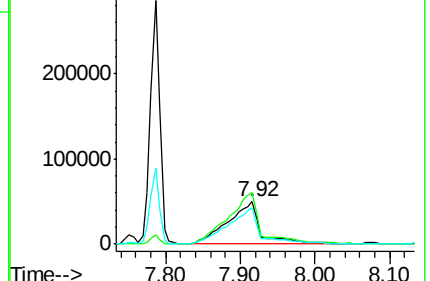
77 85.8 70.7 110.7

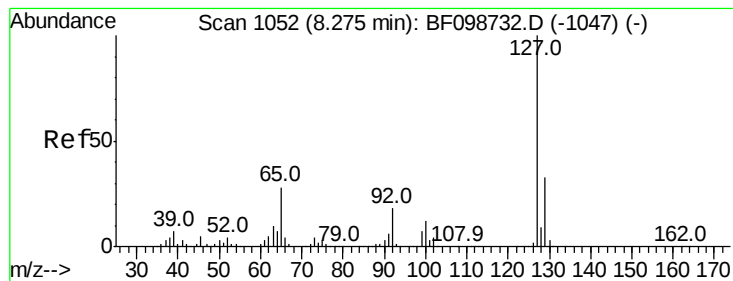


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 41.674 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.02 min

Lab File: BF099338.D

Acq: 11 Oct 2017 11:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 333392

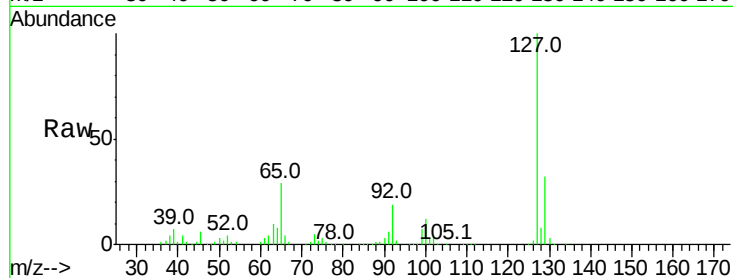
Ion Ratio Lower Upper

127 100

129 32.3 25.9 38.9

65 28.5 25.0 37.4

92 18.7 15.2 22.8

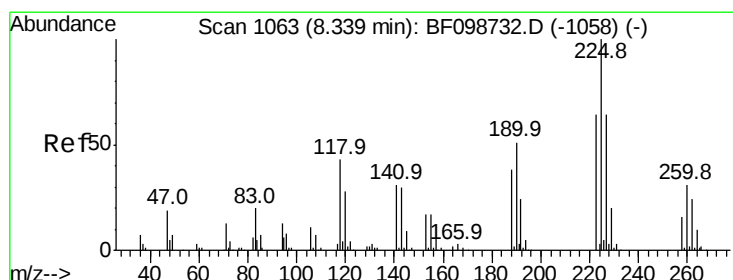
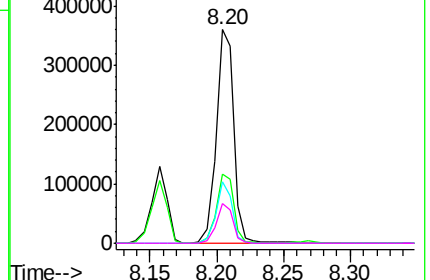
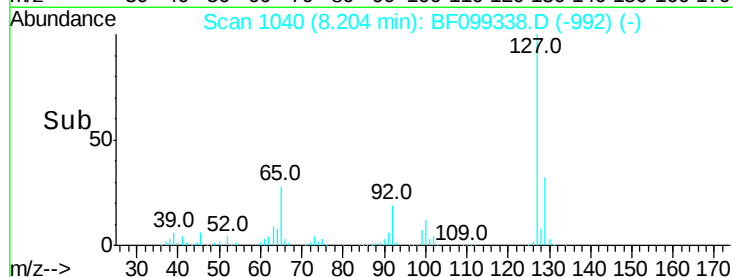


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 43.531 ng

RT: 8.27 min Scan# 1051

Delta R.T. -0.02 min

Lab File: BF099338.D

Acq: 11 Oct 2017 11:26

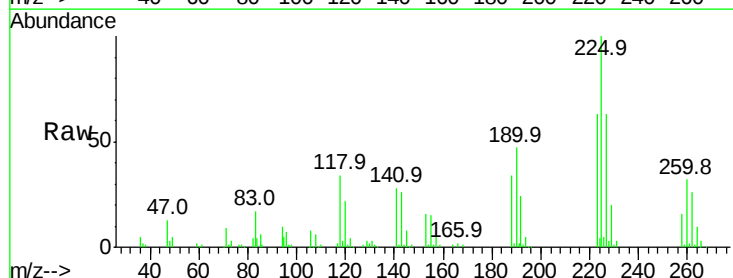
Tgt Ion:225 Resp: 126154

Ion Ratio Lower Upper

225 100

223 63.1 50.6 76.0

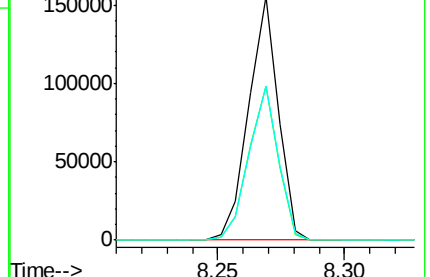
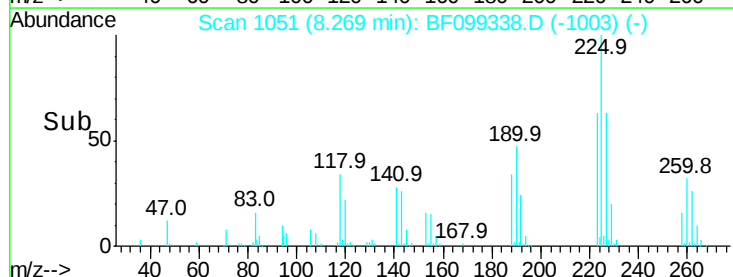
227 63.3 51.9 77.9

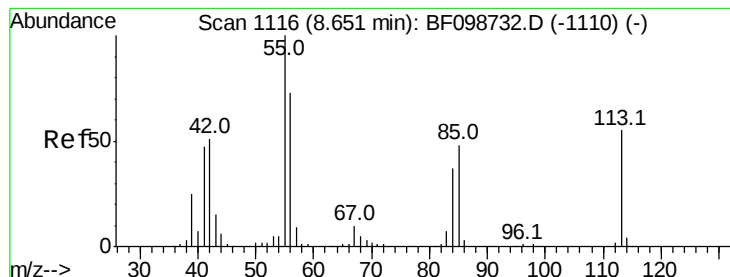


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 40.708 ng

RT: 8.59 min Scan# 1105

Delta R.T. -0.02 min

Lab File: BF099338.D

Acq: 11 Oct 2017 11:26

Instrument :

BNA_F

ClientSampleId :

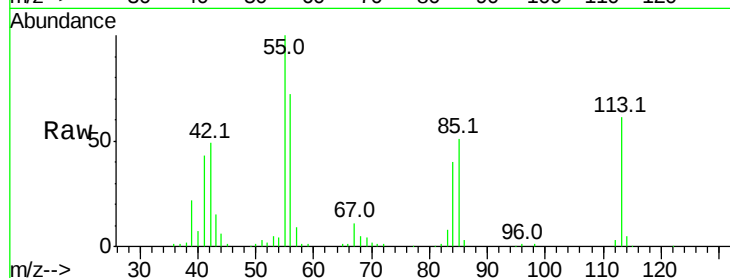
Tot Ion:113 Resp: 73459

Ion Ratio Lower Upper

113 100

55 164.5 163.3 203.3

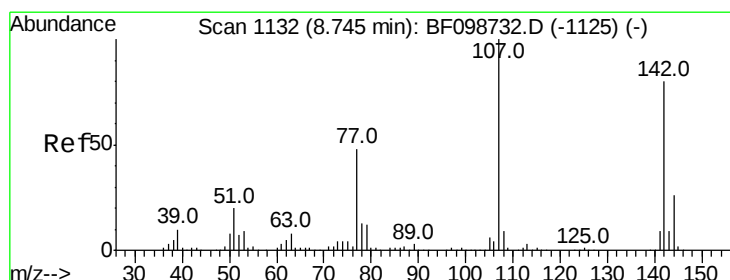
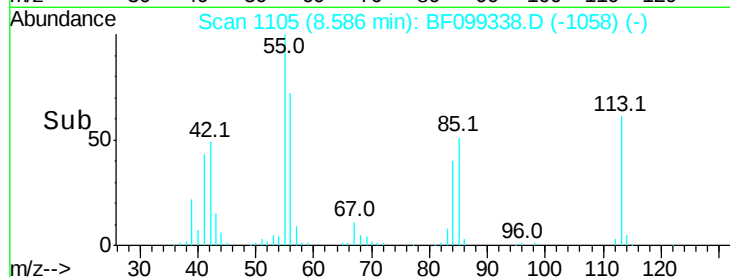
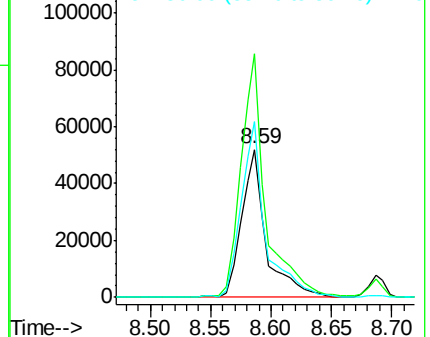
56 118.7 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.075 ng

RT: 8.69 min Scan# 1122

Delta R.T. -0.02 min

Lab File: BF099338.D

Acq: 11 Oct 2017 11:26

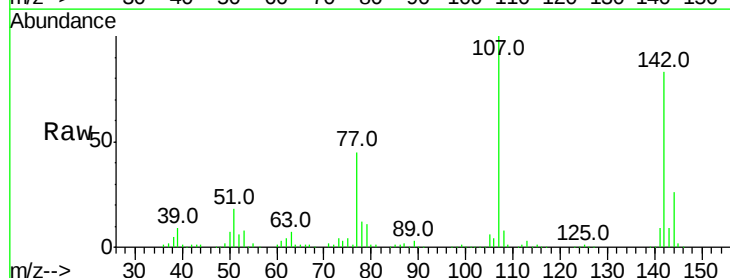
Tgt Ion:107 Resp: 253397

Ion Ratio Lower Upper

107 100

144 26.3 20.5 30.7

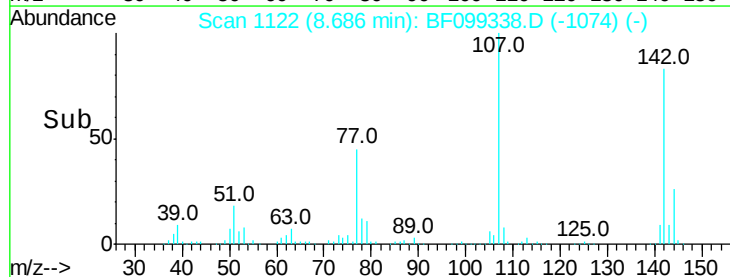
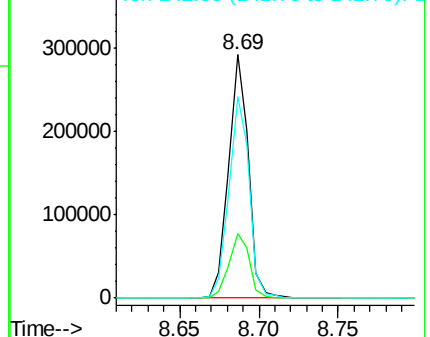
142 82.6 62.0 93.0

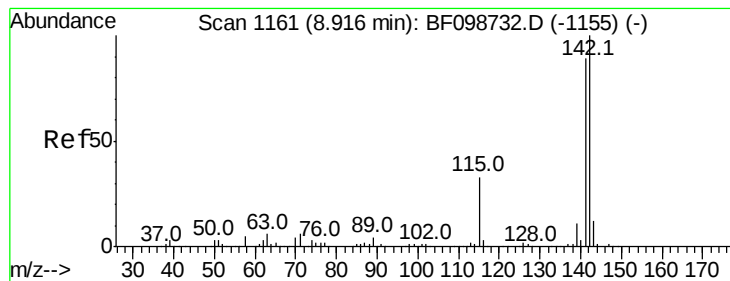


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.539 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.02 min

Lab File: BF099338.D

Acq: 11 Oct 2017 11:26

Instrument :

BNA_F

ClientSampleId :

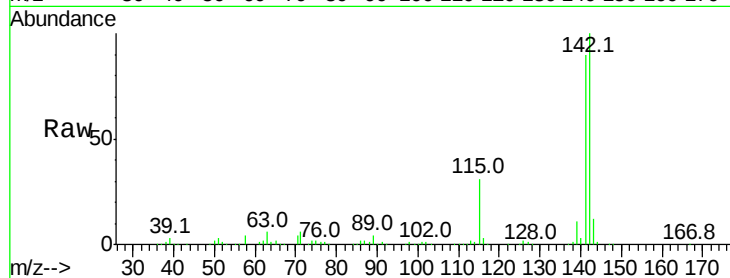
Tot Ion:142 Resp: 517307

Ion Ratio Lower Upper

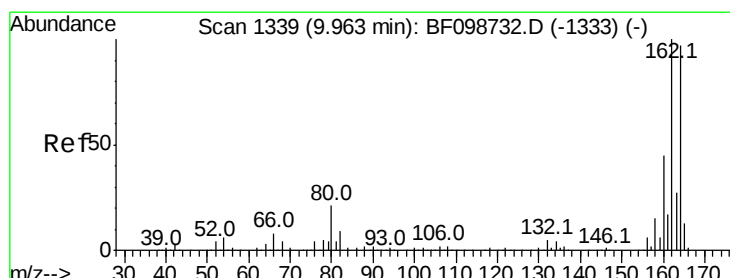
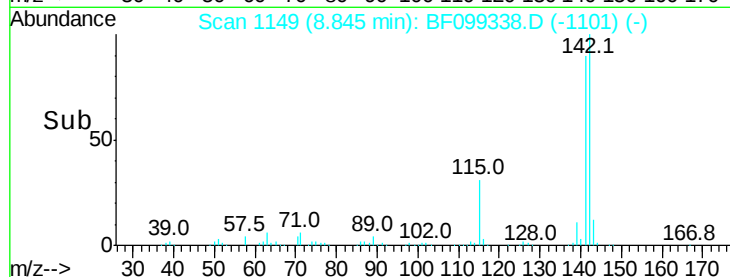
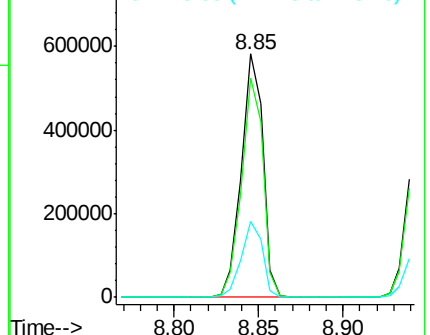
142 100

141 90.0 70.8 106.2

115 31.3 26.1 39.1



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF099338.D

Acq: 11 Oct 2017 11:26

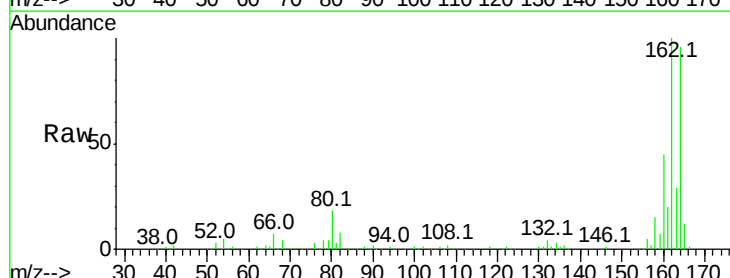
Tgt Ion:164 Resp: 189592

Ion Ratio Lower Upper

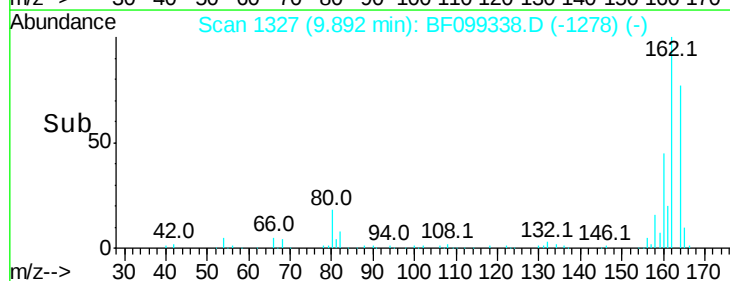
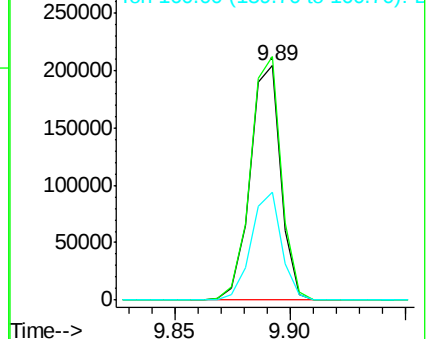
164 100

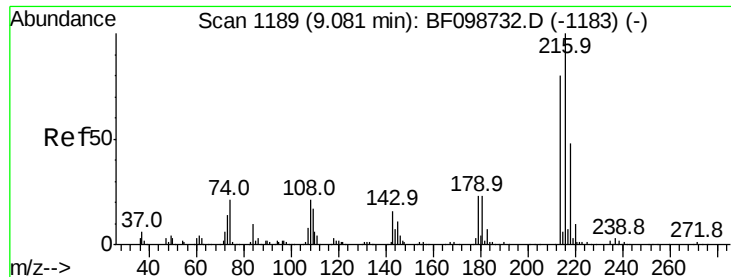
162 103.8 86.1 129.1

160 46.3 38.3 57.5



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

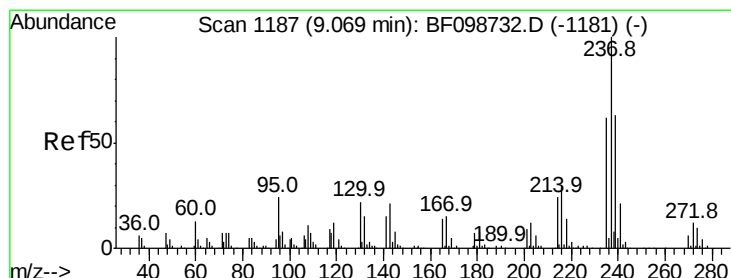
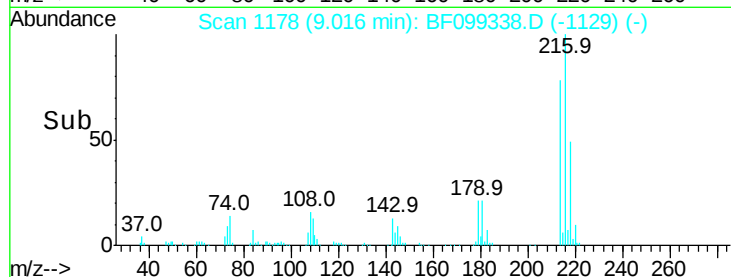
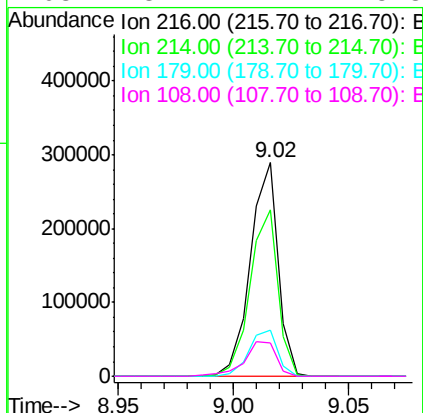
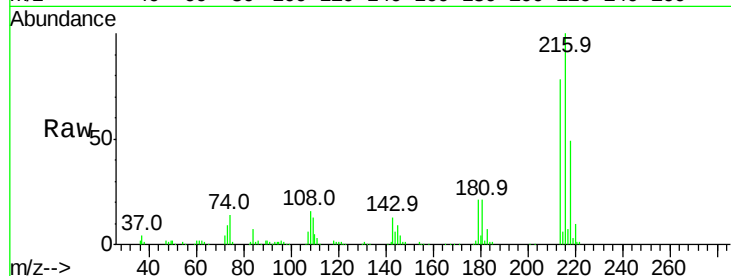




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.124 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF099338.D
 Acq: 11 Oct 2017 11:26

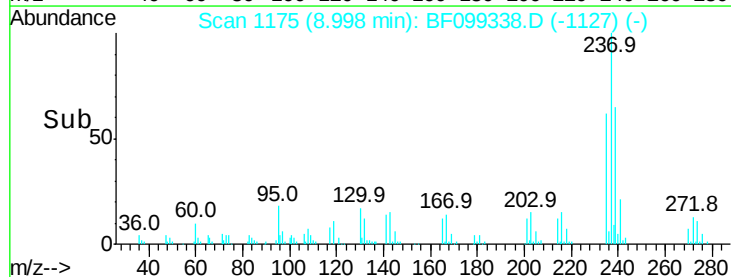
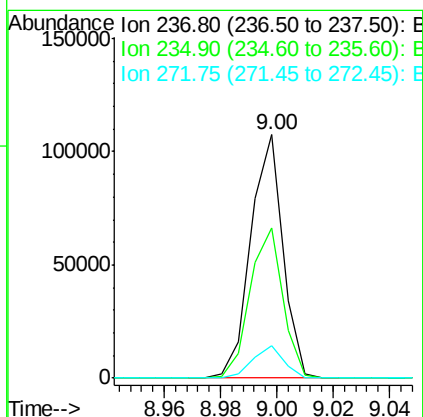
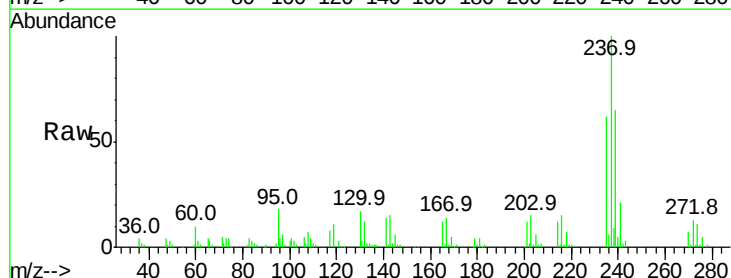
Instrument :
 BNA_F
 ClientSampleId :

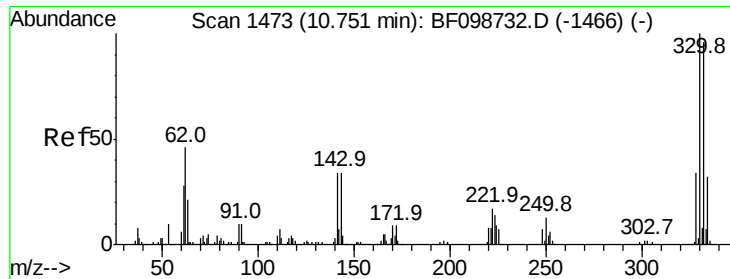
Tot Ion:	216	Resp:	243829
Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.4
179	22.5	18.1	27.1
108	18.7	17.2	25.8



#40
 Hexachlorocyclopentadiene
 Concen: 32.859 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.02 min
 Lab File: BF099338.D
 Acq: 11 Oct 2017 11:26

Tgt Ion:	237	Resp:	84906
Ion	Ratio	Lower	Upper
237	100		
235	61.6	44.8	84.8
272	13.2	0.0	33.3

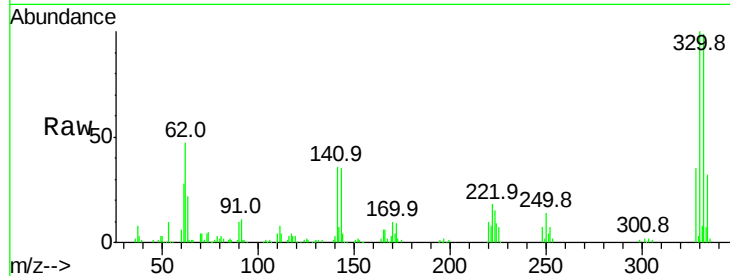




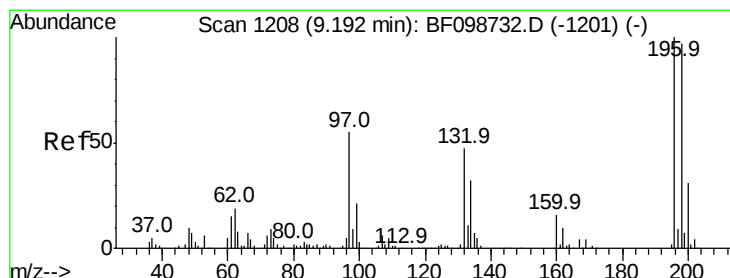
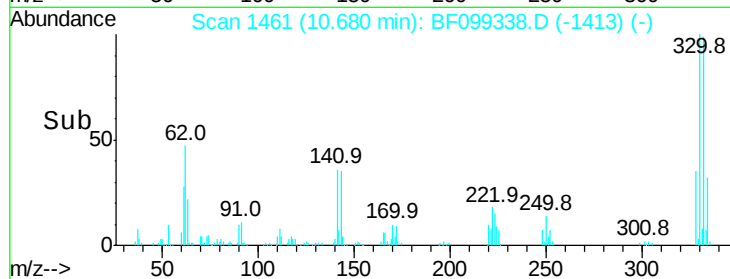
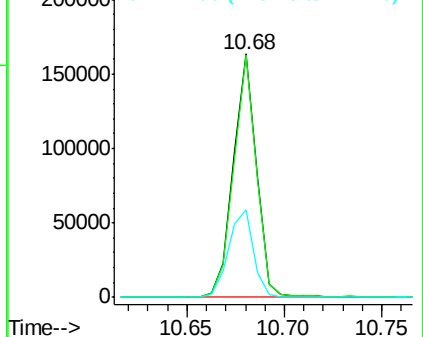
#41
 2,4,6-Tribromophenol
 Concen: 87.324 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.02 min
 Lab File: BF099338.D
 Acq: 11 Oct 2017 11:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 135473
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.0 115.6
 141 38.6 29.9 44.9

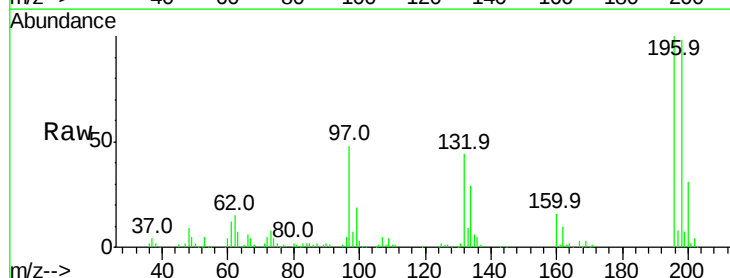


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

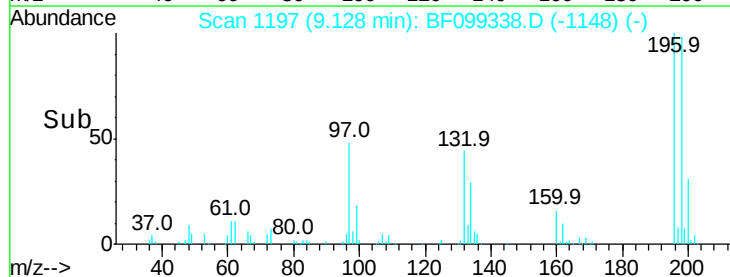
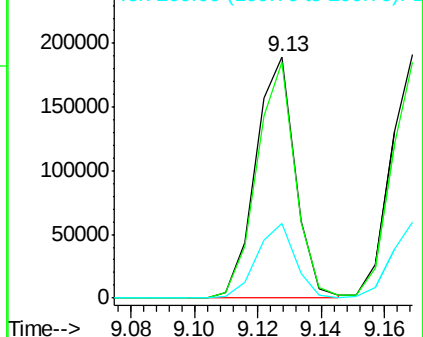


#42
 2,4,6-Trichlorophenol
 Concen: 40.988 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF099338.D
 Acq: 11 Oct 2017 11:26

Tgt Ion:196 Resp: 164180
 Ion Ratio Lower Upper
 196 100
 198 97.8 75.7 113.5
 200 30.8 24.5 36.7



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

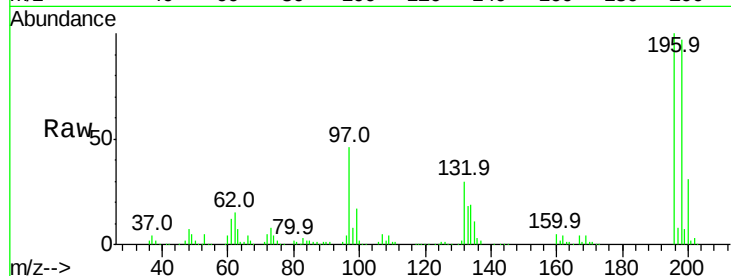




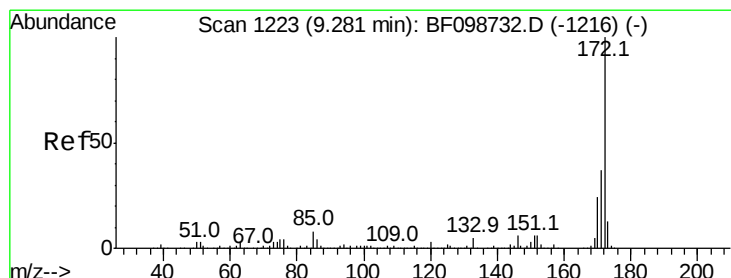
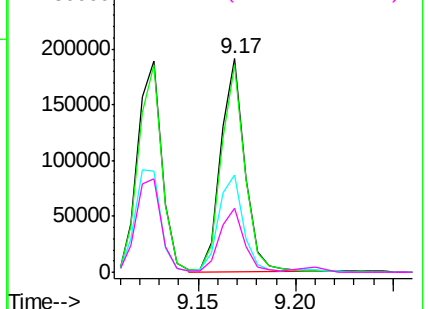
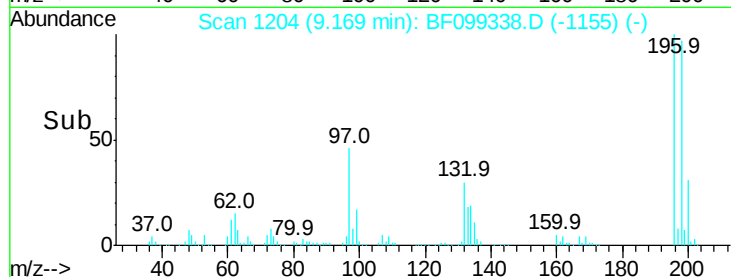
#43
2,4,5-Trichlorophenol
Concen: 40.808 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF099338.D
Acq: 11 Oct 2017 11:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:196 Resp: 163174
Ion Ratio Lower Upper
196 100
198 97.1 74.6 112.0
97 45.8 42.9 64.3
132 30.0 26.3 39.5

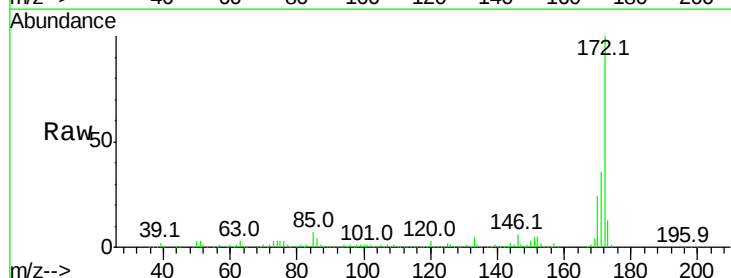


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

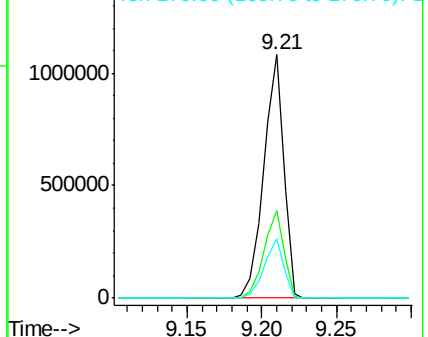
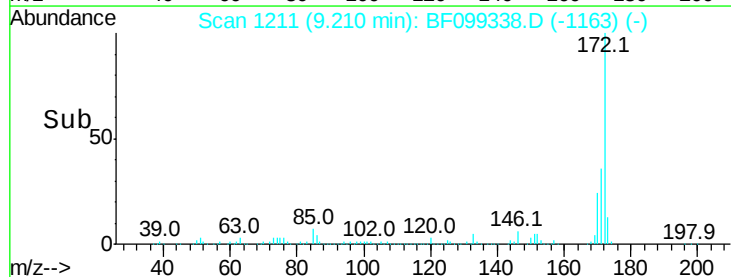


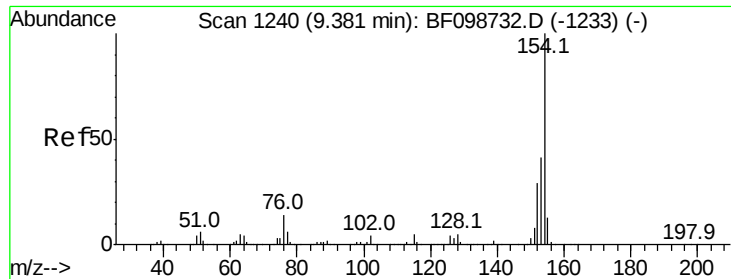
#44
2-Fluorobiphenyl
Concen: 87.083 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.02 min
Lab File: BF099338.D
Acq: 11 Oct 2017 11:26

Tgt Ion:172 Resp: 988985
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 24.3 19.6 29.4



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

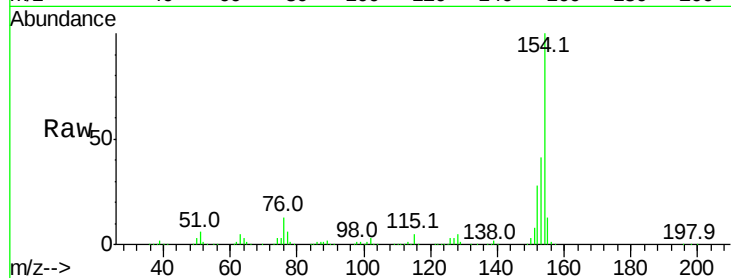




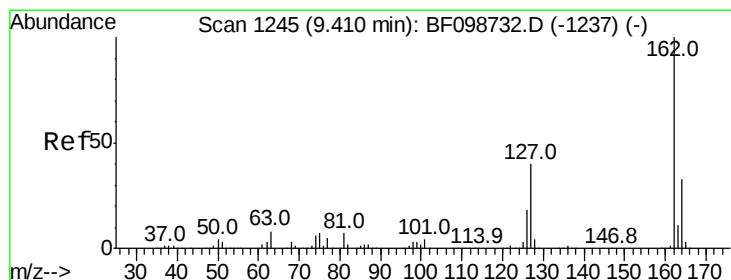
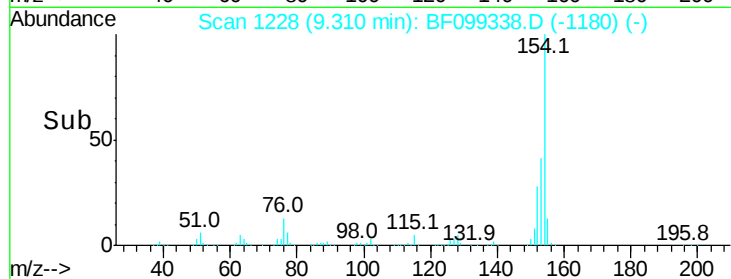
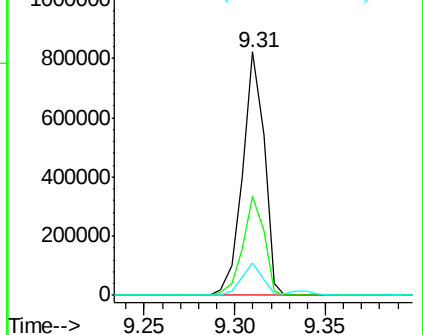
#45
 1,1'-Biphenyl
 Concen: 41.705 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.02 min
 Lab File: BF099338.D
 Acq: 11 Oct 2017 11:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.3	61.3
76	13.1	0.0	34.0

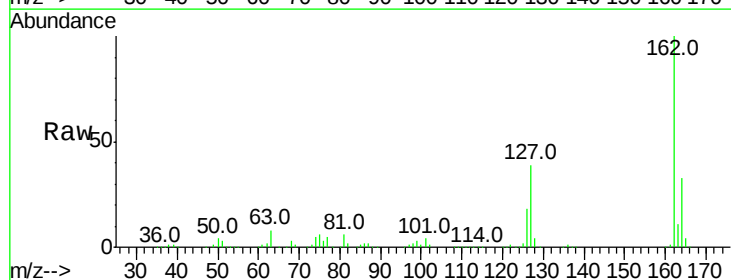


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

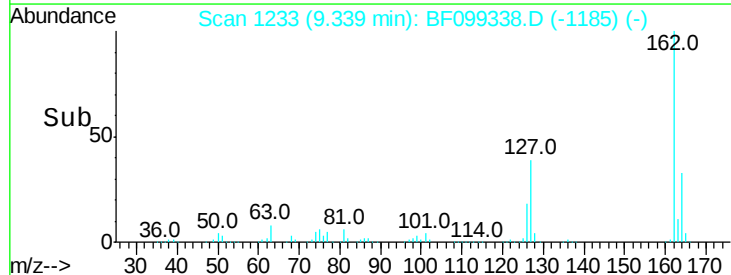
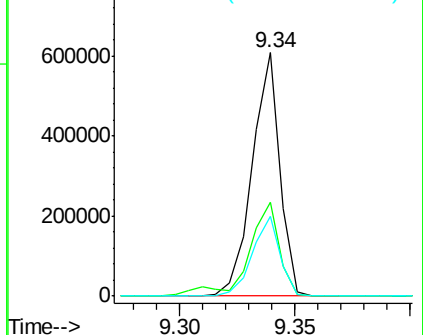


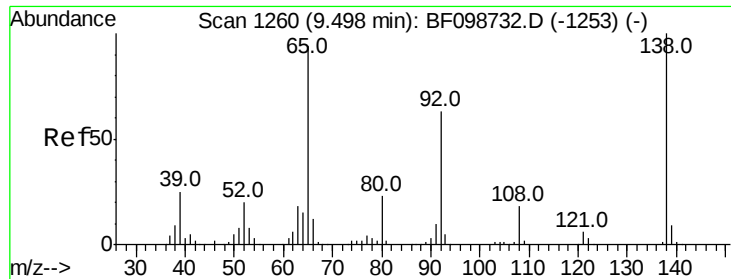
#46
 2-Chloronaphthalene
 Concen: 41.601 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.02 min
 Lab File: BF099338.D
 Acq: 11 Oct 2017 11:26

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.6	33.9	50.9
164	32.6	26.5	39.7



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

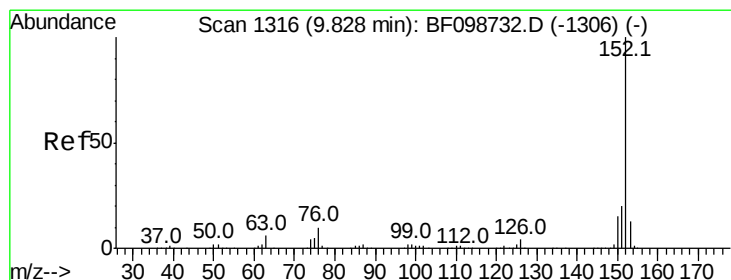
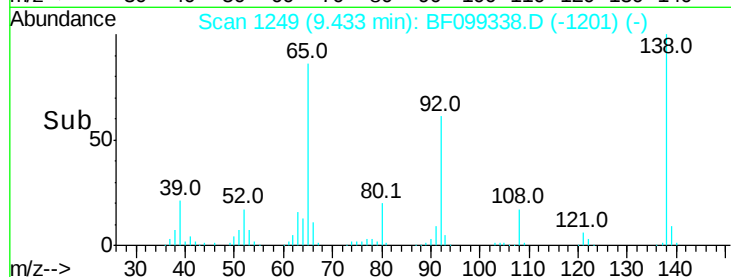
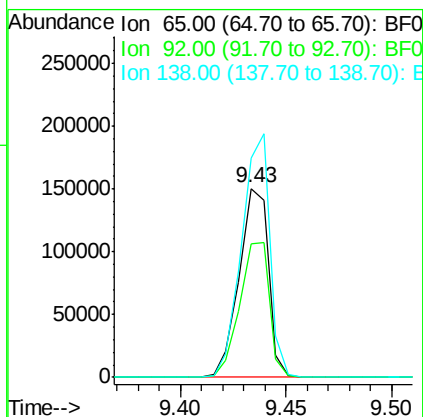
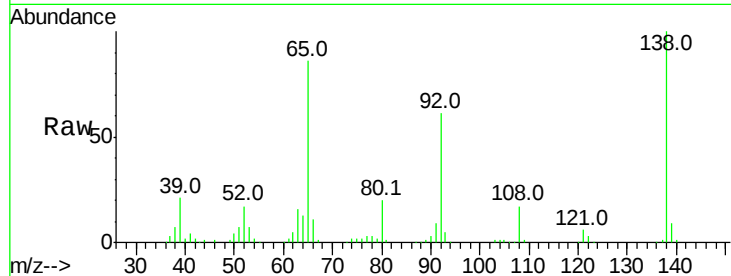




#47
 2-Nitroaniline
 Concen: 38.609 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.02 min
 Lab File: BF099338.D
 Acq: 11 Oct 2017 11:26

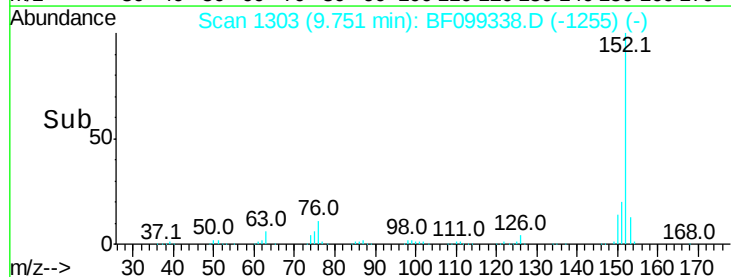
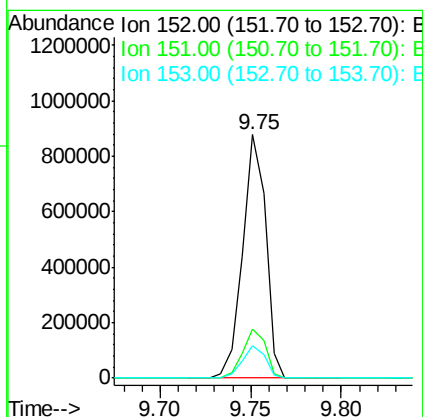
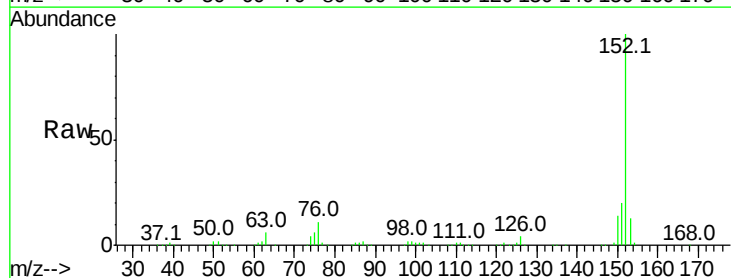
Instrument :
 BNA_F
 ClientSampled :

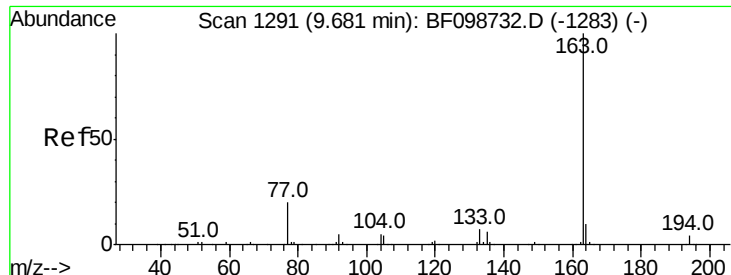
Tot Ion: 65 Resp: 144632
 Ion Ratio Lower Upper
 65 100
 92 70.6 55.8 83.6
 138 116.4 91.2 136.8



#48
 Acenaphthylene
 Concen: 41.457 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF099338.D
 Acq: 11 Oct 2017 11:26

Tgt Ion: 152 Resp: 776426
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.3 24.5
 153 13.3 10.7 16.1





#49

Dimethylphthalate

Concen: 42.083 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BF099338.D

Acq: 11 Oct 2017 11:26

Instrument :

BNA_F

ClientSampleId :

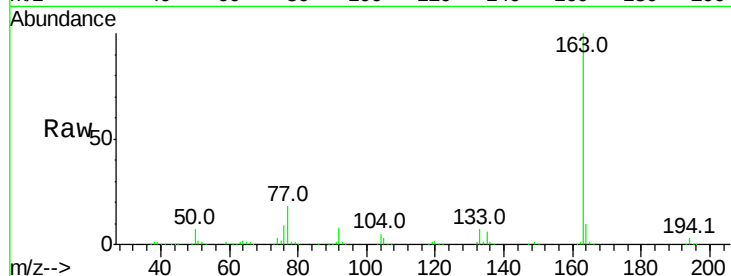
Tot Ion:163 Resp: 602174

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

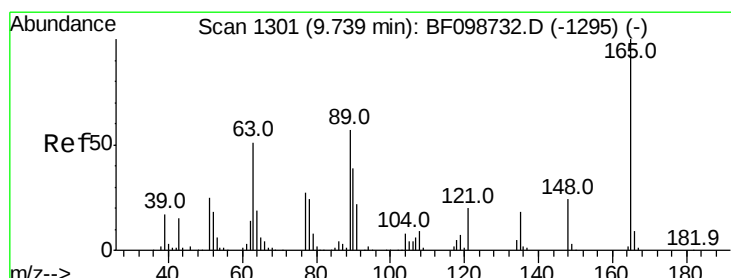
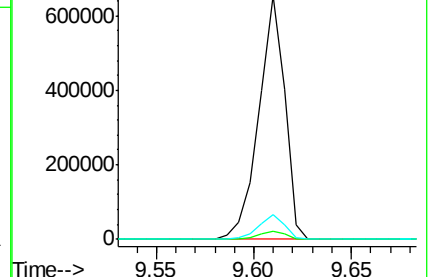
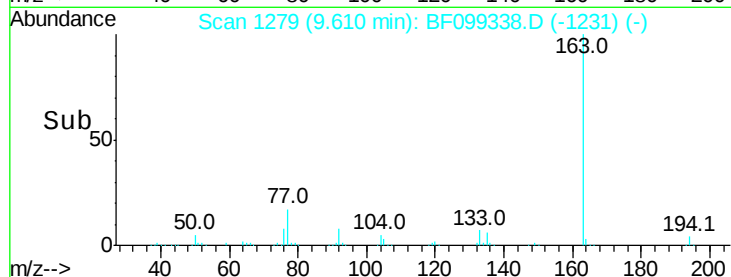
164 10.4 8.2 12.2



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: 44.290 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF099338.D

Acq: 11 Oct 2017 11:26

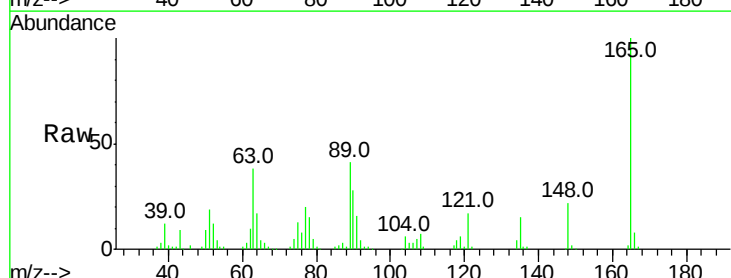
Tgt Ion:165 Resp: 137973

Ion Ratio Lower Upper

165 100

63 38.0 44.7 67.1#

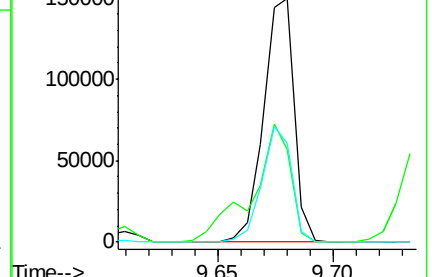
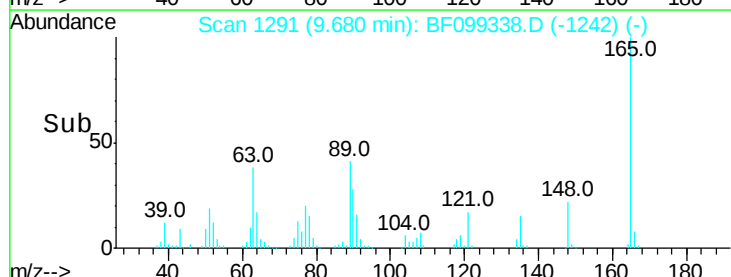
89 40.7 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

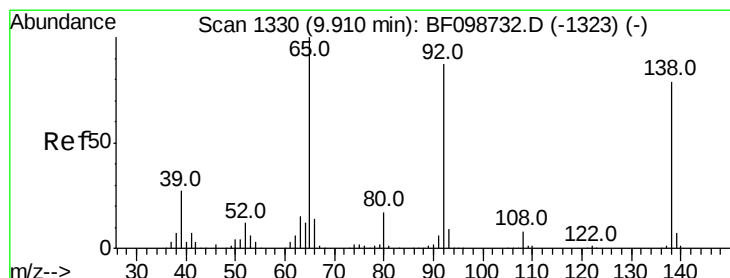
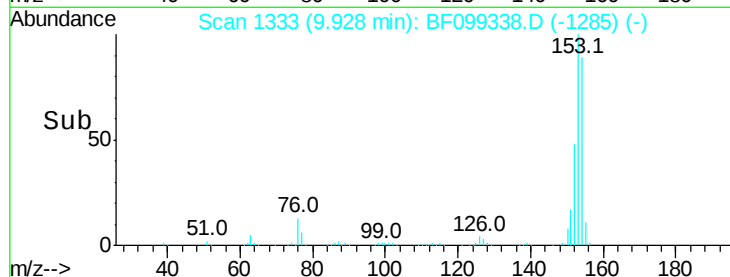
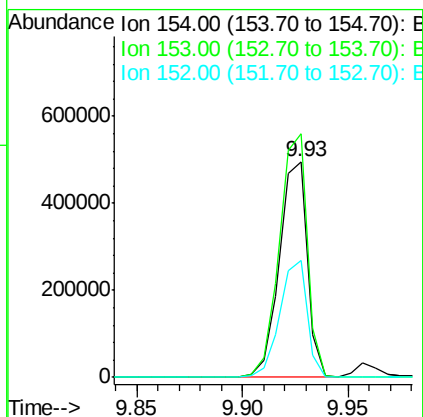
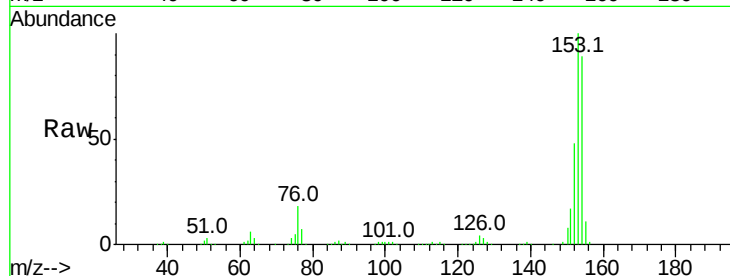




#51
Acenaphthene
Concen: 38.643 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BF099338.D
Acq: 11 Oct 2017 11:26

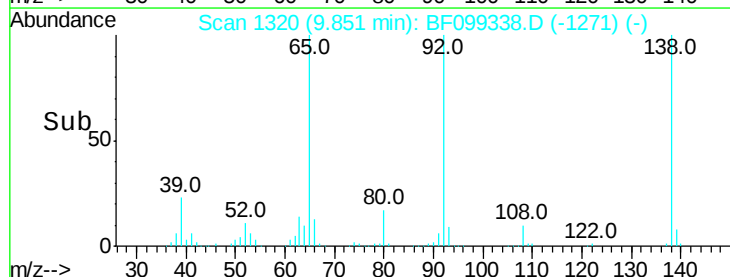
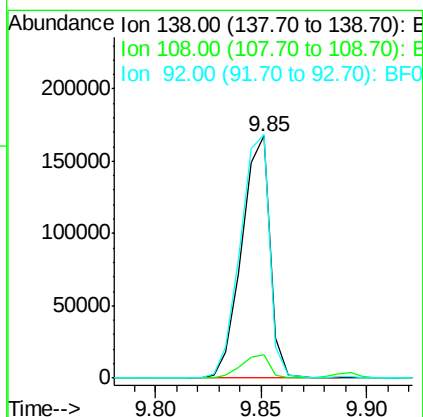
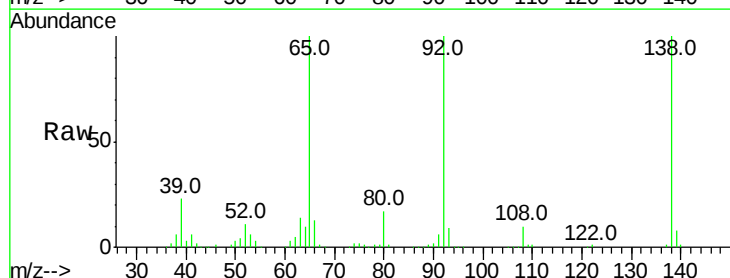
Instrument :
BNA_F
ClientSampleId :

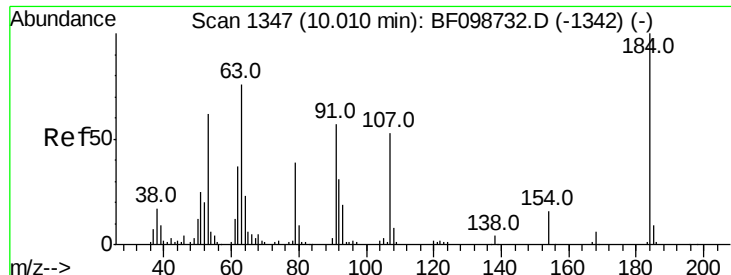
Tot Ion:154 Resp: 458436
Ion Ratio Lower Upper
154 100
153 112.9 91.2 136.8
152 54.1 43.8 65.8



#52
3-Nitroaniline
Concen: 42.702 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF099338.D
Acq: 11 Oct 2017 11:26

Tgt Ion:138 Resp: 155111
Ion Ratio Lower Upper
138 100
108 9.9 9.4 14.0
92 100.5 89.4 134.2

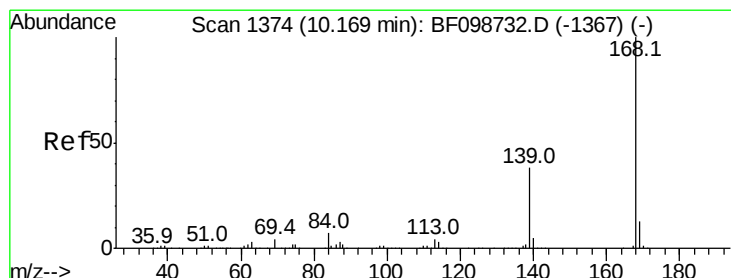
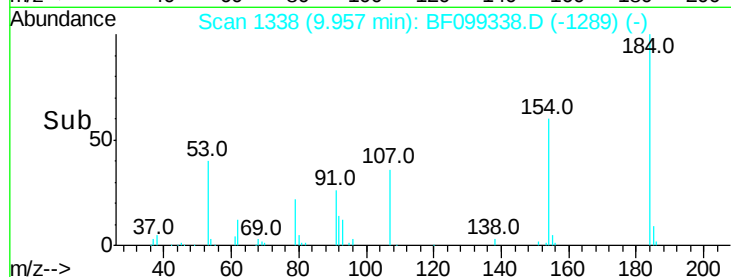
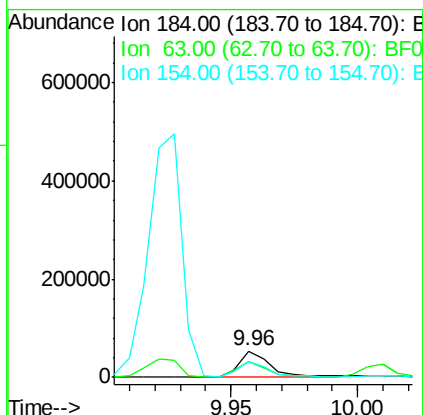
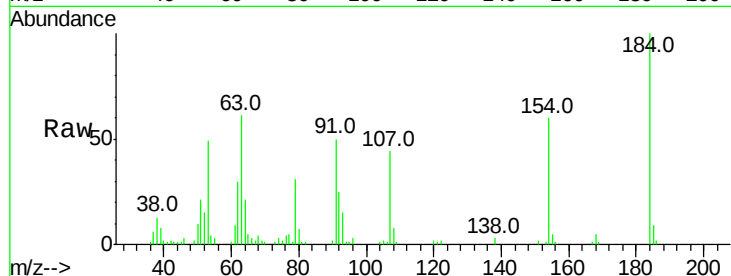




#53
2,4-Dinitrophenol
Concen: 32.913 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF099338.D
Acq: 11 Oct 2017 11:26

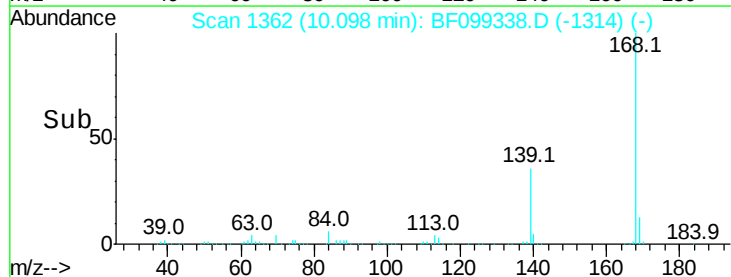
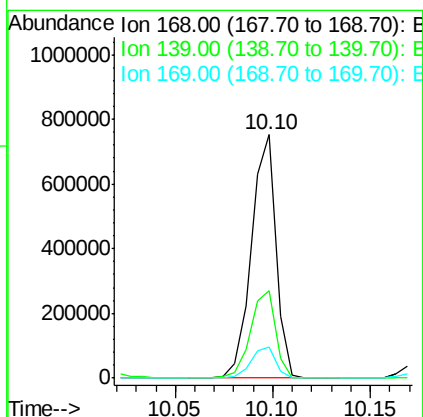
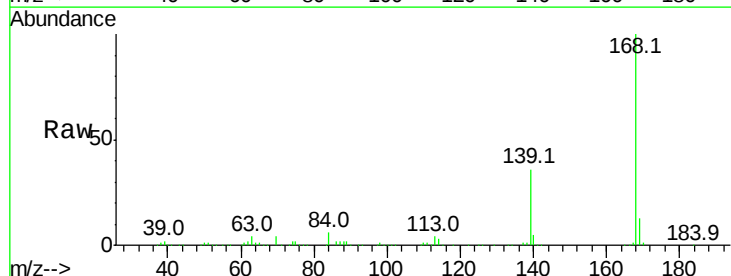
Instrument :
BNA_F
ClientSampleId :

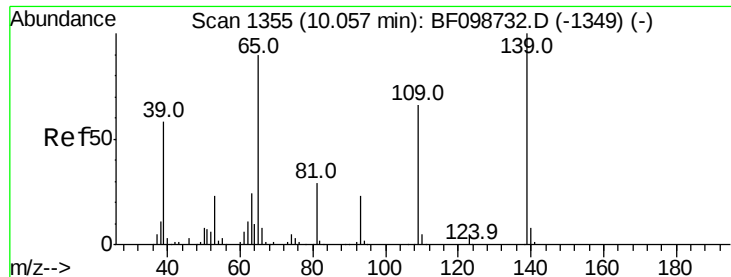
Tot Ion:184 Resp: 47381
Ion Ratio Lower Upper
184 100
63 60.6 54.2 81.2
154 60.5 53.5 80.3



#54
Dibenzofuran
Concen: 41.508 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BF099338.D
Acq: 11 Oct 2017 11:26

Tgt Ion:168 Resp: 655657
Ion Ratio Lower Upper
168 100
139 35.7 30.1 45.1
169 13.0 10.9 16.3

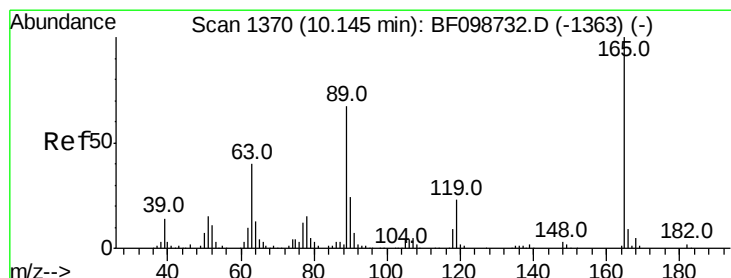
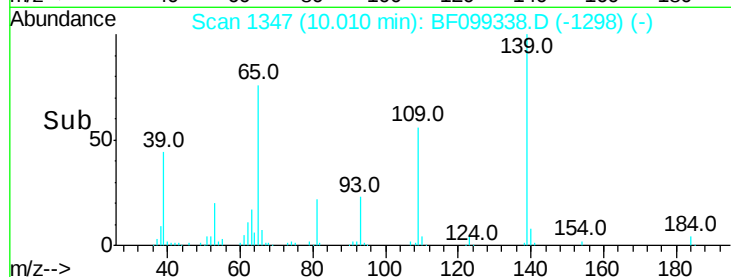
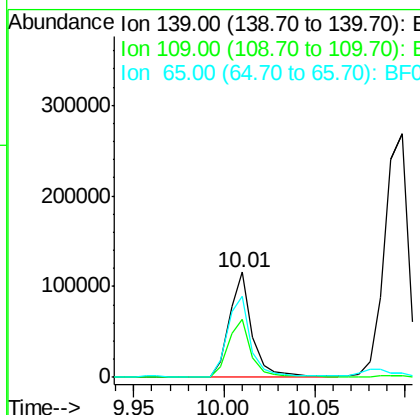
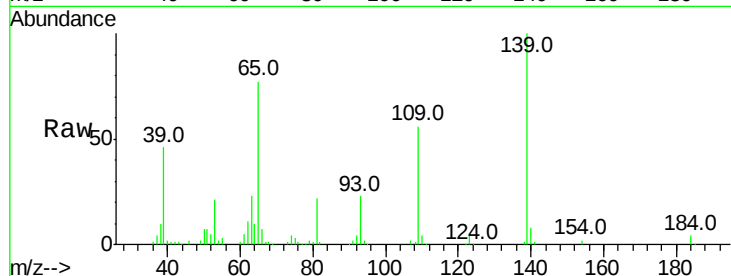




#55
4-Nitrophenol
Concen: 33.321 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF099338.D
Acq: 11 Oct 2017 11:26

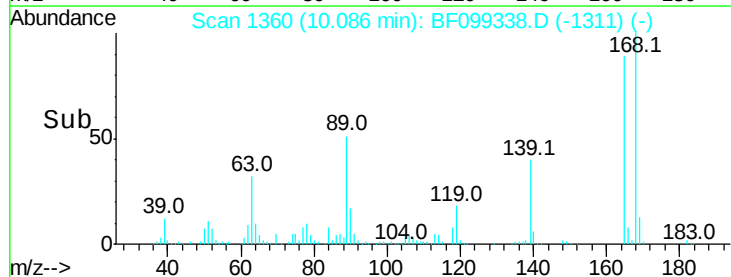
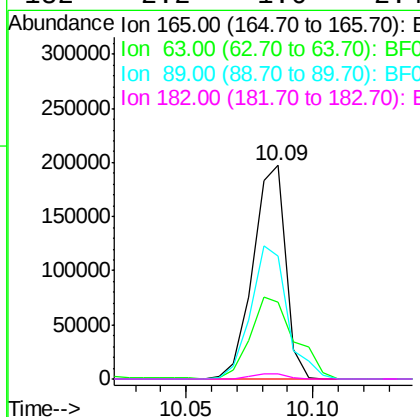
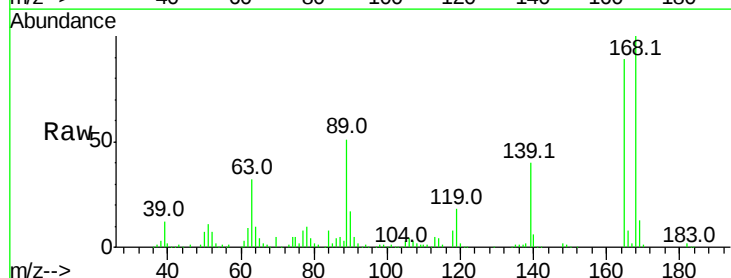
Instrument :
BNA_F
ClientSampleId :

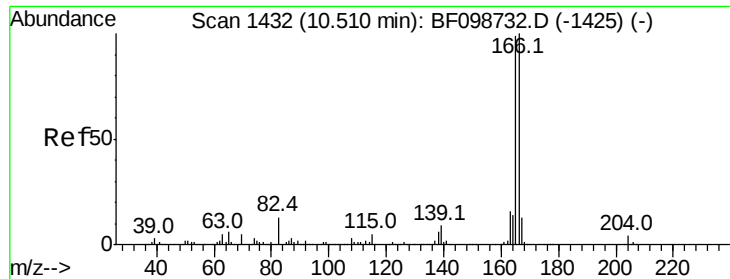
Tot Ion:139 Resp: 102344
Ion Ratio Lower Upper
139 100
109 55.8 48.4 88.4
65 76.8 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 43.770 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF099338.D
Acq: 11 Oct 2017 11:26

Tgt Ion:165 Resp: 176963
Ion Ratio Lower Upper
165 100
63 35.8 36.4 54.6#
89 57.4 57.8 86.6#
182 2.2 1.6 2.4





#57

Fluorene

Concen: 42.657 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.02 min

Lab File: BF099338.D

Acq: 11 Oct 2017 11:26

Instrument :

BNA_F

ClientSampleId :

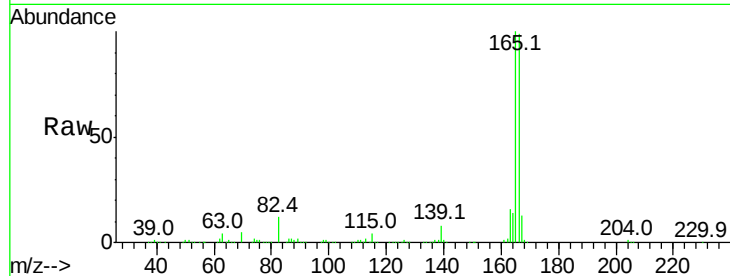
Tot Ion:166 Resp: 541577

Ion Ratio Lower Upper

166 100

165 101.3 79.8 119.8

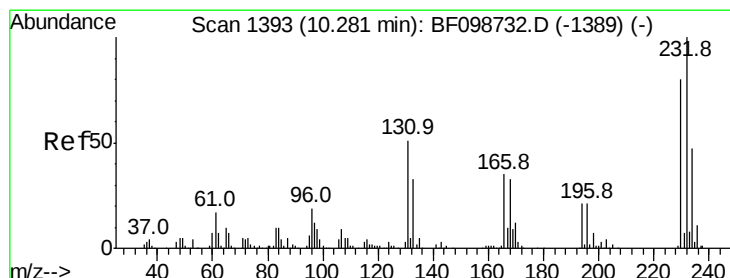
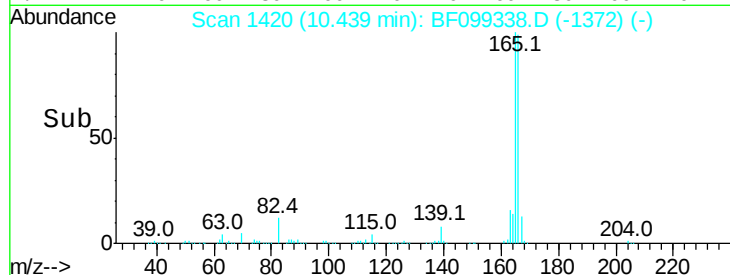
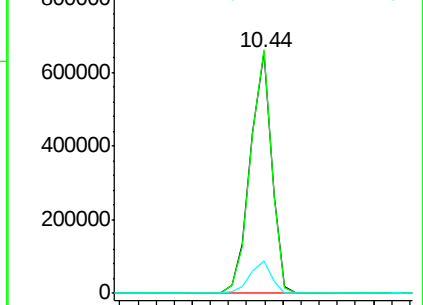
167 13.3 10.6 16.0



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: 40.797 ng

RT: 10.22 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BF099338.D

Acq: 11 Oct 2017 11:26

Tgt Ion:232 Resp: 112689

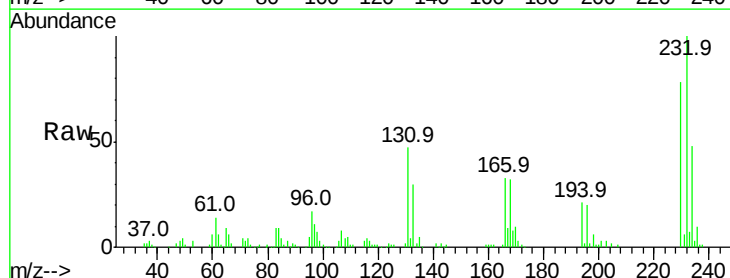
Ion Ratio Lower Upper

232 100

131 50.5 43.8 65.8

130 2.3 2.1 3.1

166 34.4 27.8 41.6

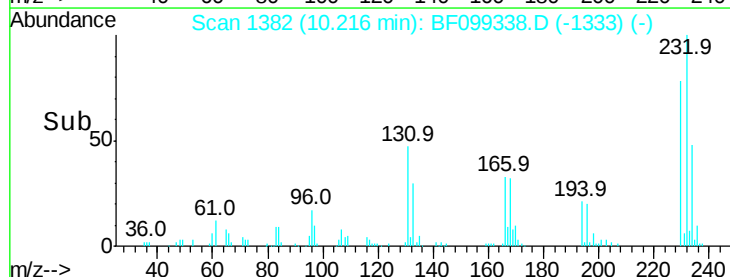
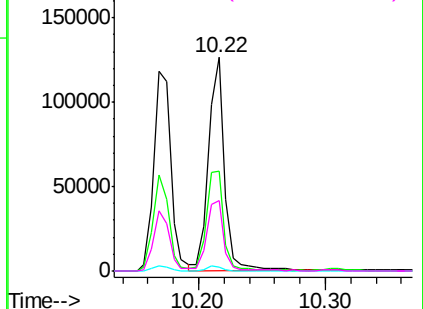


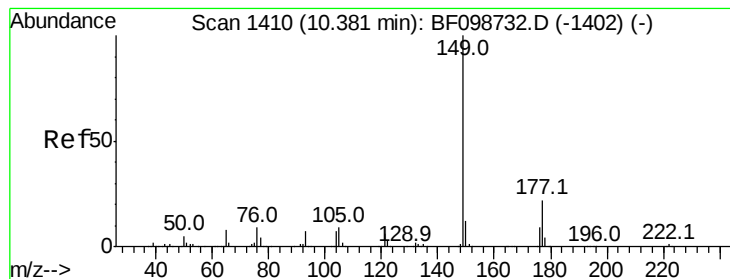
Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.418 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.02 min

Lab File: BF099338.D

Acq: 11 Oct 2017 11:26

Instrument :

BNA_F

ClientSampleId :

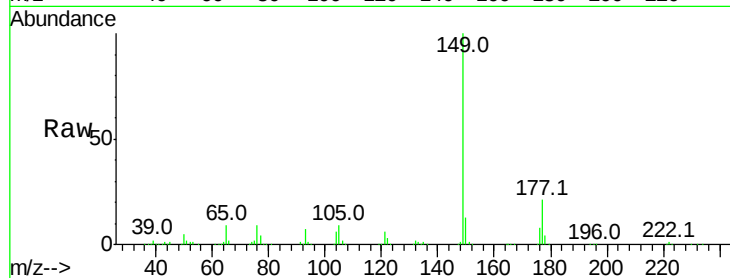
Tot Ion:149 Resp: 579116

Ion Ratio Lower Upper

149 100

177 21.2 16.1 24.1

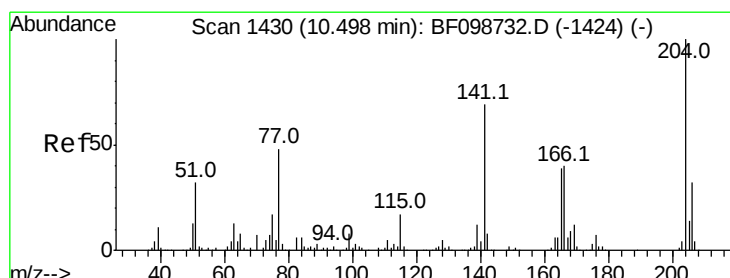
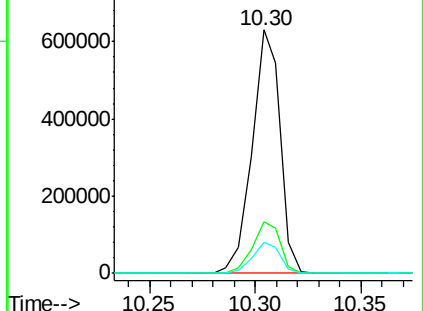
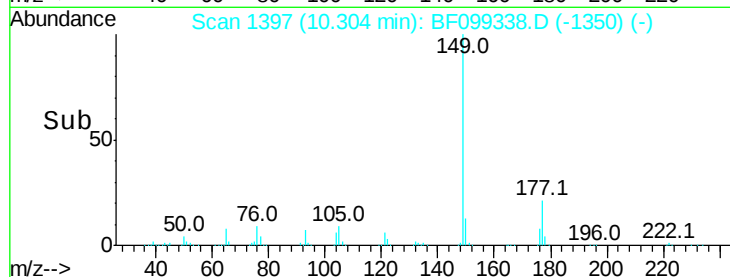
150 12.6 10.1 15.1



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: 42.710 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.02 min

Lab File: BF099338.D

Acq: 11 Oct 2017 11:26

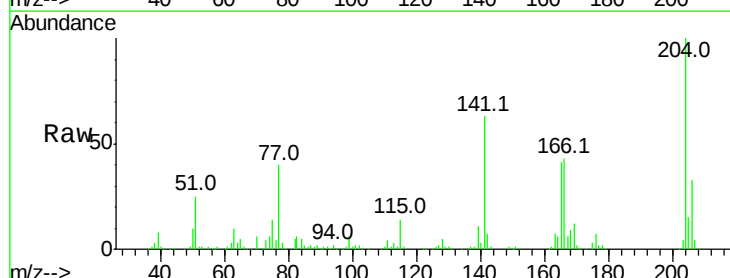
Tgt Ion:204 Resp: 243577

Ion Ratio Lower Upper

204 100

206 32.8 26.5 39.7

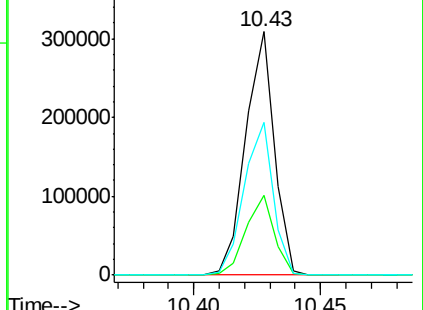
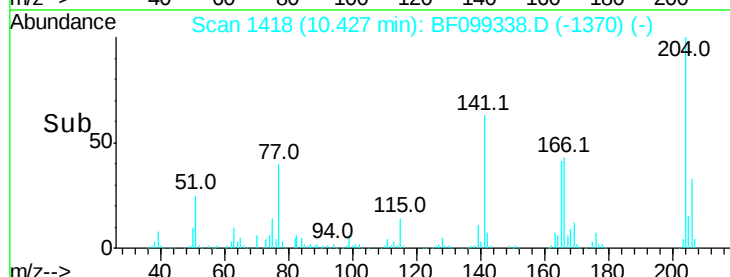
141 62.9 54.6 81.8

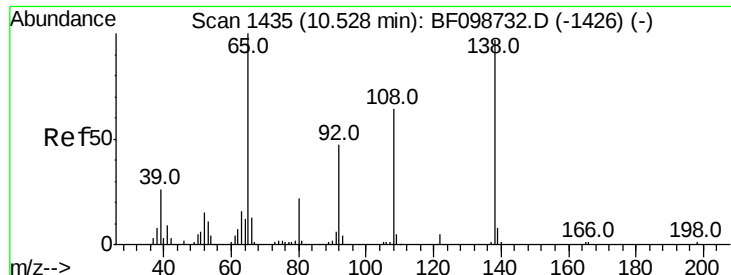


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

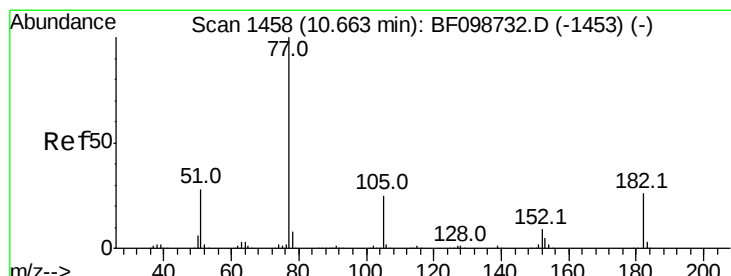
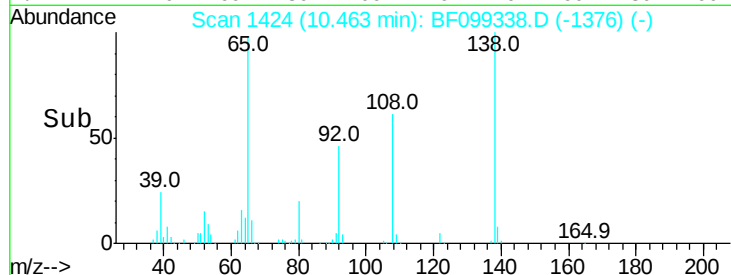
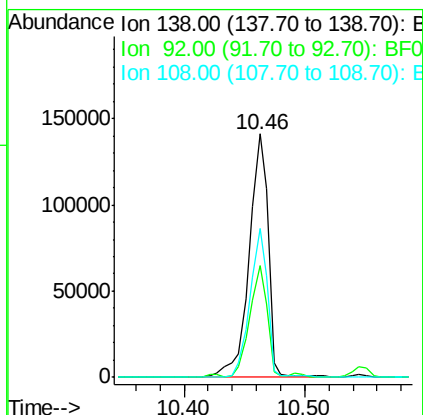
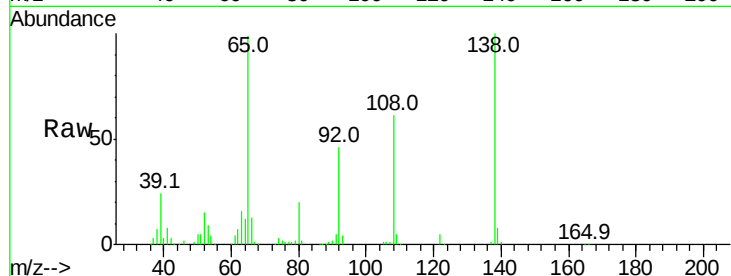




#61
4-Nitroaniline
Concen: 44.750 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.02 min
Lab File: BF099338.D
Acq: 11 Oct 2017 11:26

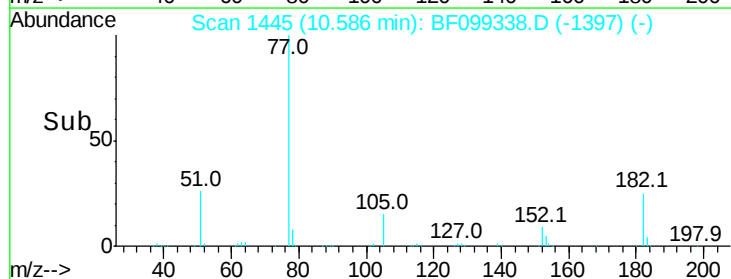
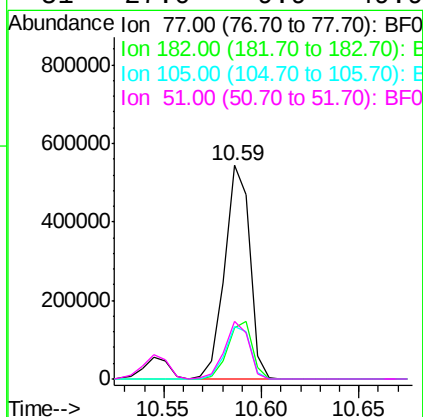
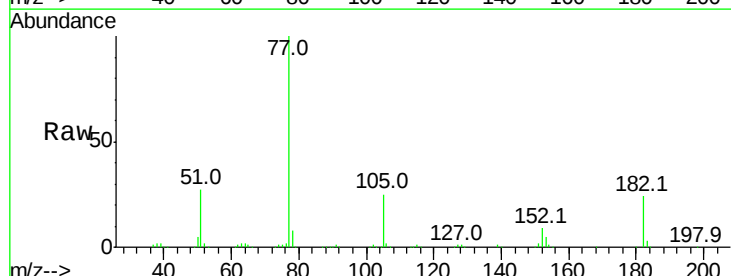
Instrument :
BNA_F
ClientSampleId :

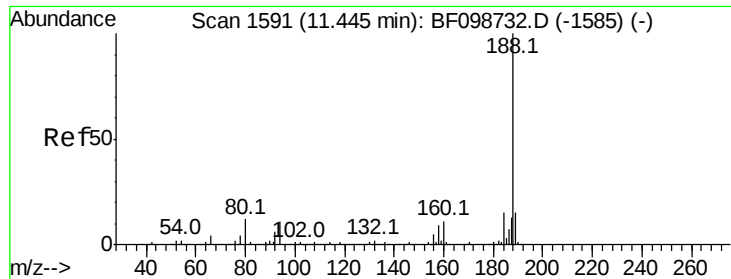
Tot Ion:138 Resp: 156820
Ion Ratio Lower Upper
138 100
92 46.0 30.2 70.2
108 61.4 52.5 92.5



#62
Azobenzene
Concen: 37.700 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.02 min
Lab File: BF099338.D
Acq: 11 Oct 2017 11:26

Tgt Ion: 77 Resp: 484681
Ion Ratio Lower Upper
77 100
182 24.2 1.7 41.7
105 24.6 3.0 43.0
51 27.0 9.9 49.9

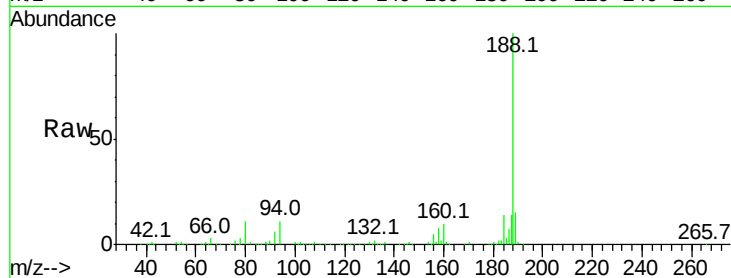




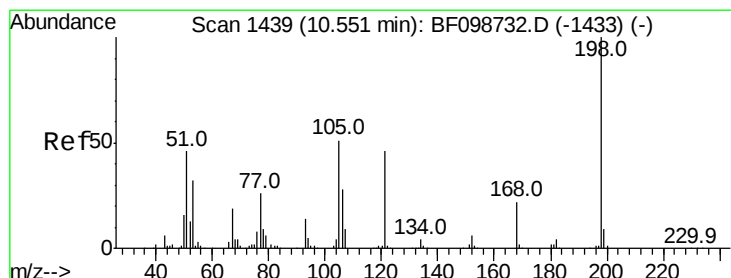
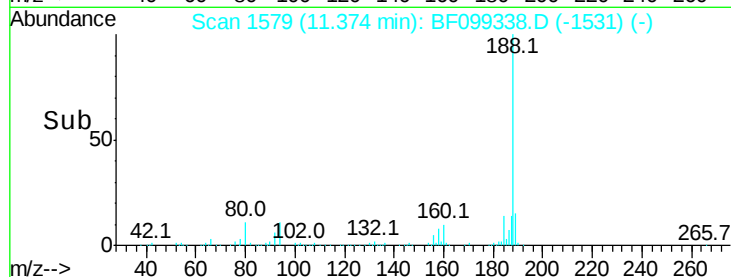
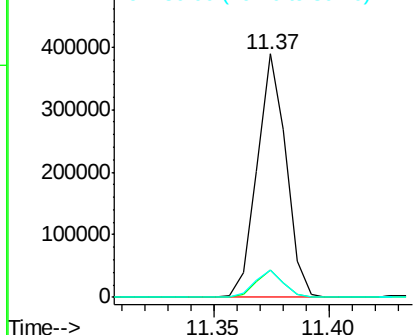
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BF099338.D
Acq: 11 Oct 2017 11:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 341590
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.3 9.2 13.8

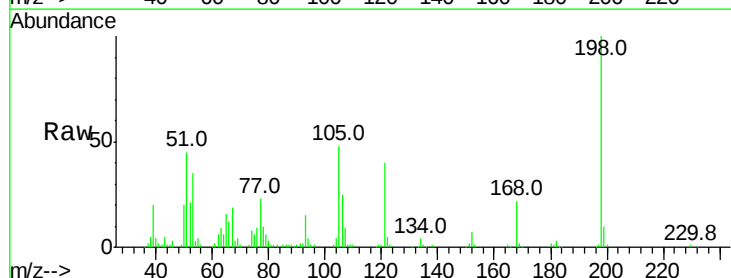


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

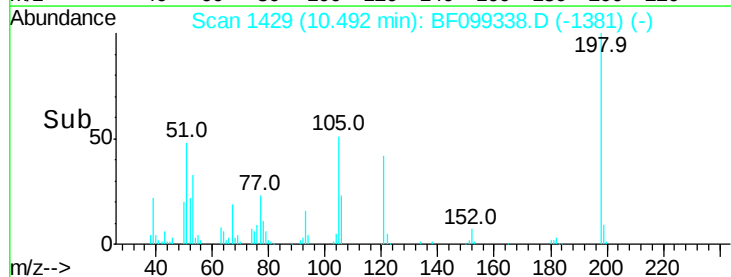
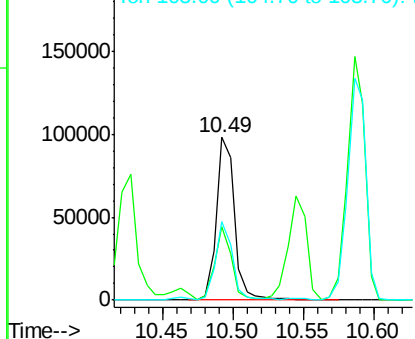


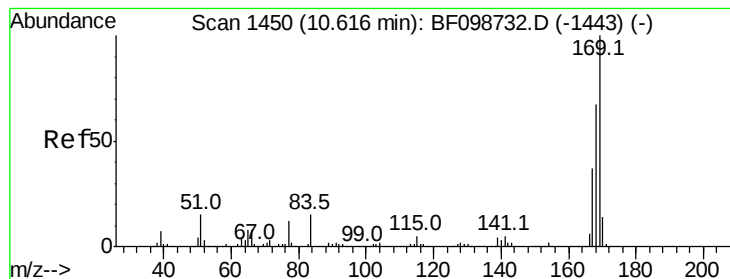
#64
4,6-Dinitro-2-methylphenol
Concen: 42.267 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.02 min
Lab File: BF099338.D
Acq: 11 Oct 2017 11:26

Tgt Ion:198 Resp: 87845
Ion Ratio Lower Upper
198 100
51 45.1 37.7 77.7
105 48.0 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.933 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.02 min

Lab File: BF099338.D

Acq: 11 Oct 2017 11:26

Instrument :

BNA_F

ClientSampleId :

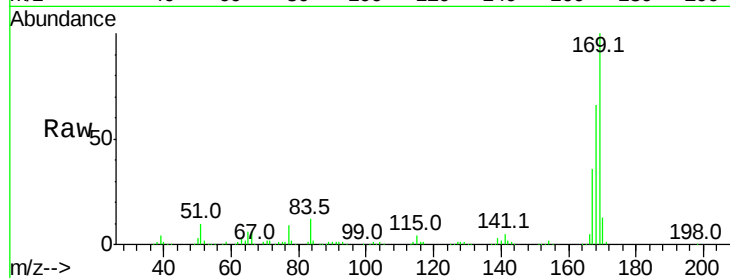
Tot Ion:169 Resp: 484393

Ion Ratio Lower Upper

169 100

168 66.5 54.4 81.6

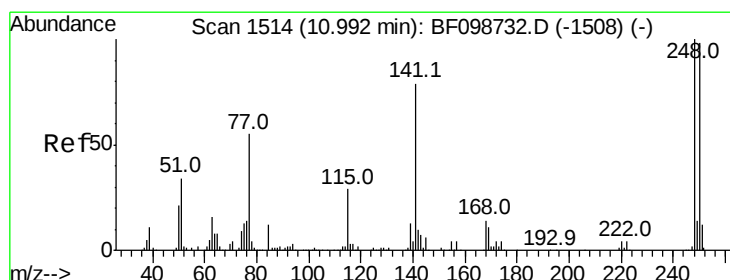
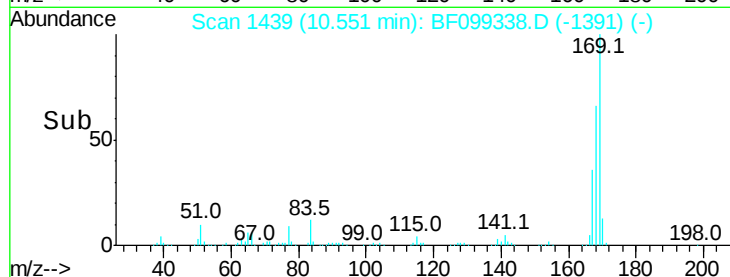
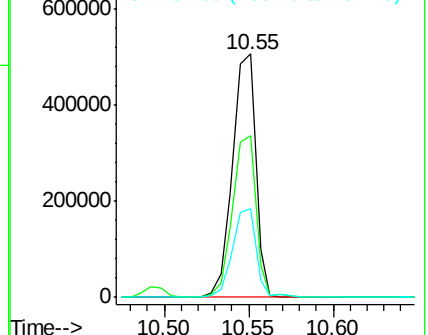
167 36.5 29.8 44.6



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: 42.073 ng

RT: 10.92 min Scan# 1501

Delta R.T. -0.02 min

Lab File: BF099338.D

Acq: 11 Oct 2017 11:26

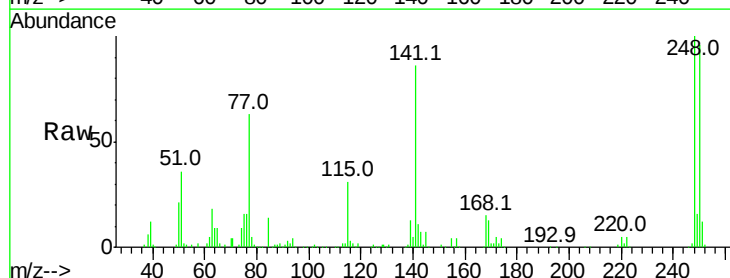
Tgt Ion:248 Resp: 140674

Ion Ratio Lower Upper

248 100

250 96.1 76.9 115.3

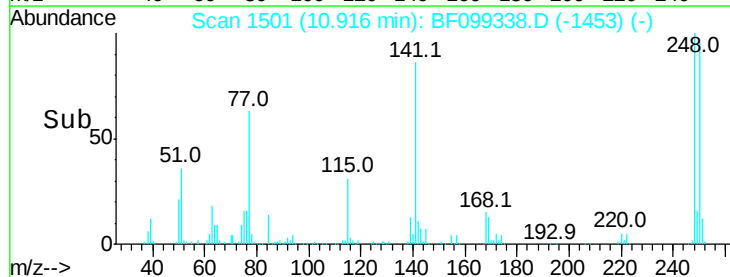
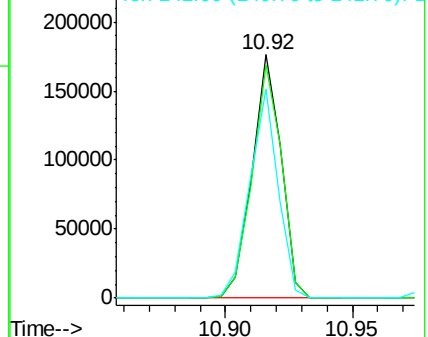
141 85.7 74.4 111.6



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

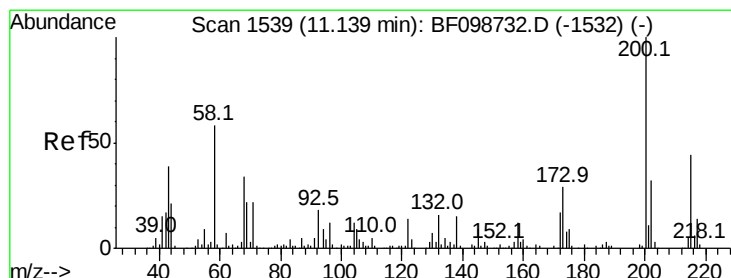
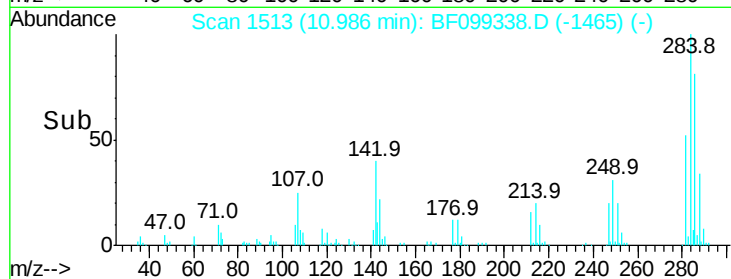
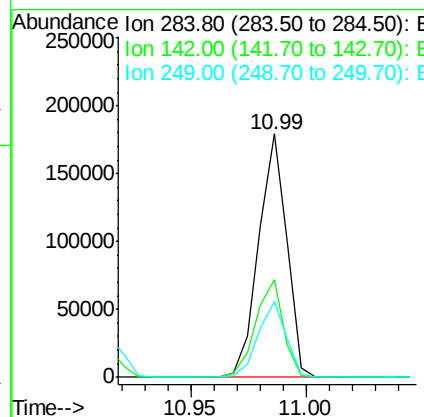
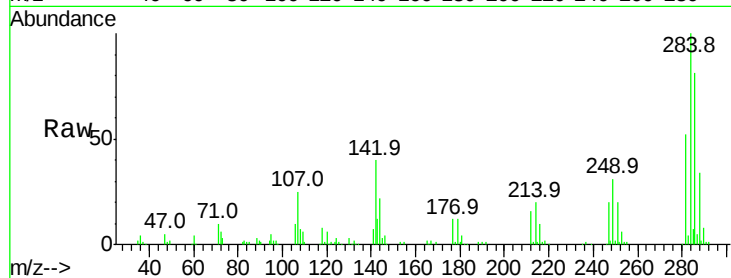




#67
Hexachlorobenzene
Concen: 42.750 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.02 min
Lab File: BF099338.D
Acq: 11 Oct 2017 11:26

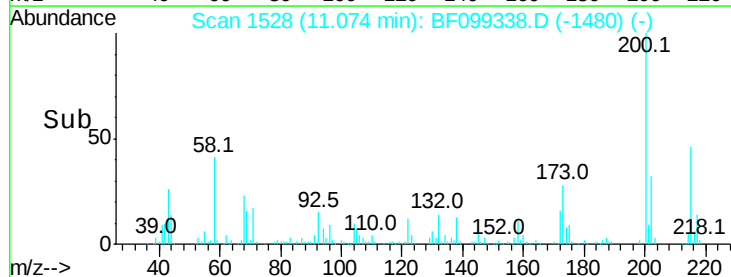
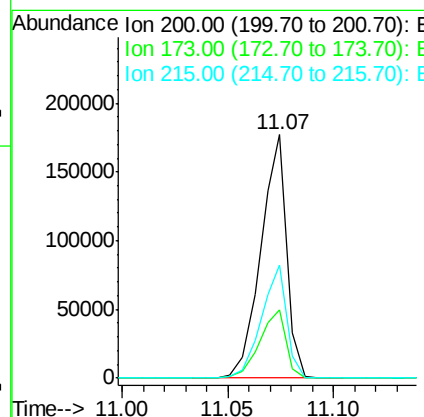
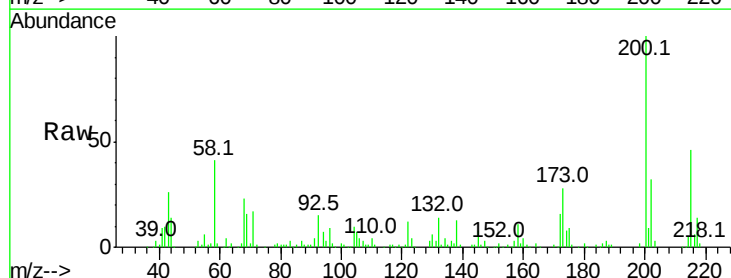
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	40.0	34.6	52.0
249	31.3	24.8	37.2



#68
Atrazine
Concen: 42.359 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.02 min
Lab File: BF099338.D
Acq: 11 Oct 2017 11:26

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.3	8.6	48.6
215	46.4	25.1	65.1

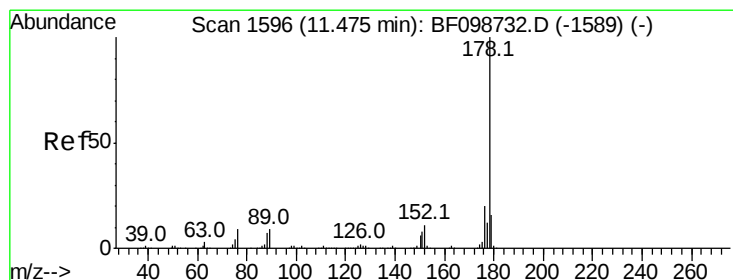
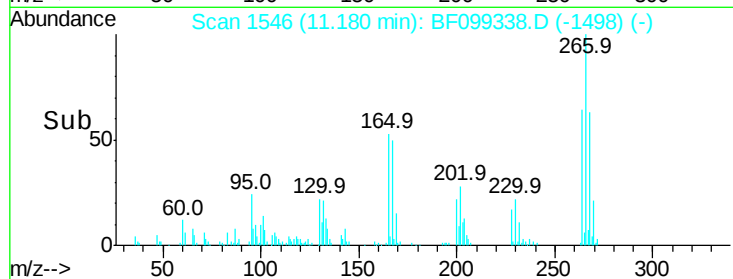
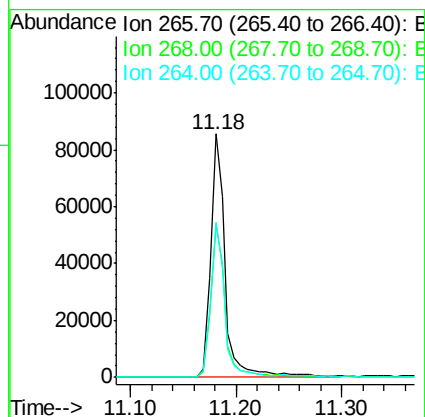
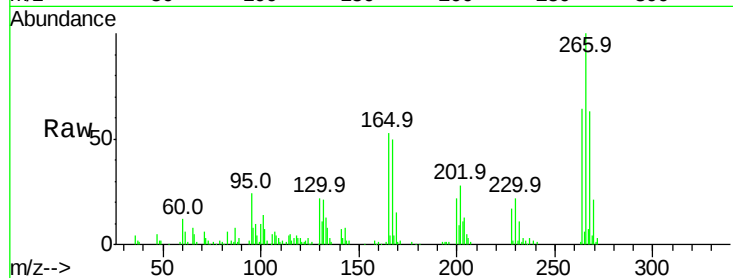




#69
 Pentachlorophenol
 Concen: 36.953 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.02 min
 Lab File: BF099338.D
 Acq: 11 Oct 2017 11:26

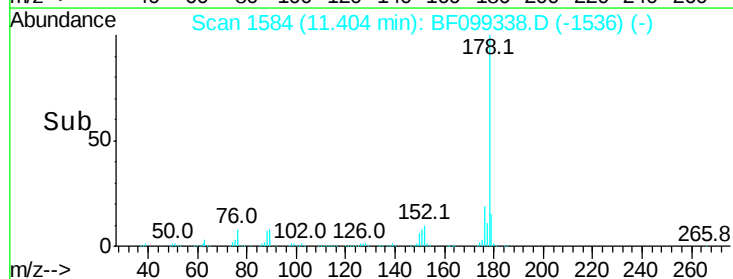
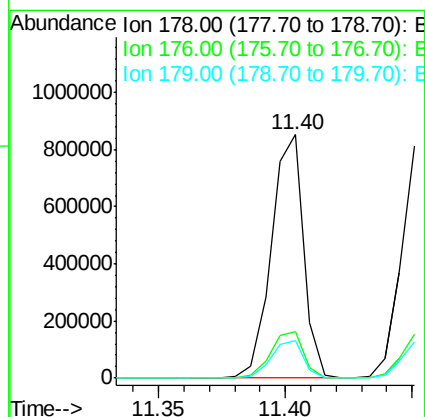
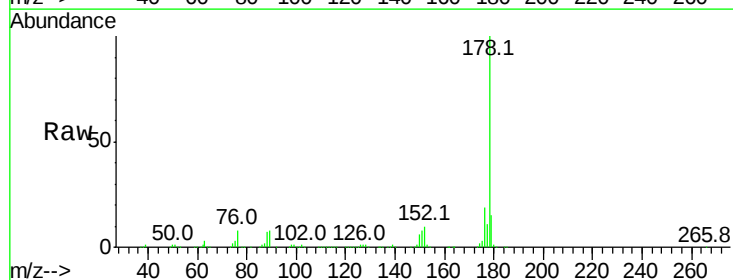
Instrument :
 BNA_F
 ClientSampleId :

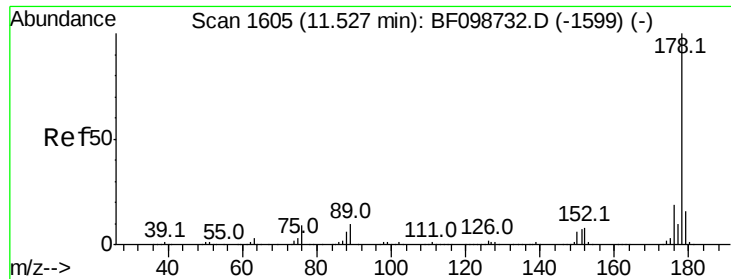
Tot Ion:266 Resp: 82129
 Ion Ratio Lower Upper
 266 100
 268 62.5 51.1 76.7
 264 63.6 49.5 74.3



#70
 Phenanthrene
 Concen: 41.492 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.02 min
 Lab File: BF099338.D
 Acq: 11 Oct 2017 11:26

Tgt Ion:178 Resp: 758651
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.4 13.0 19.6

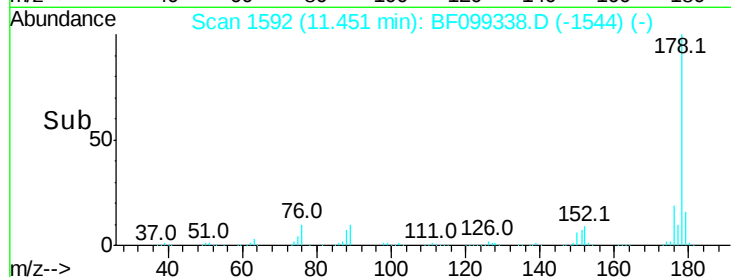
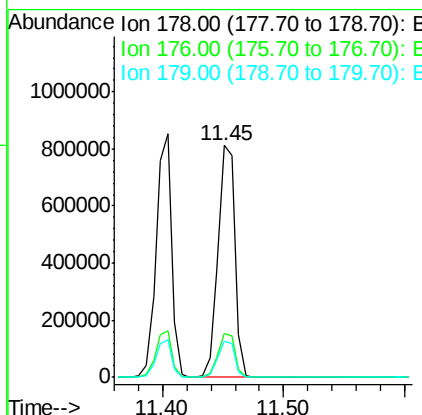
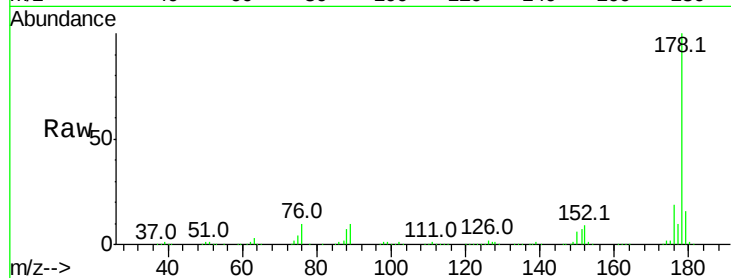




#71
 Anthracene
 Concen: 41.525 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. -0.02 min
 Lab File: BF099338.D
 Acq: 11 Oct 2017 11:26

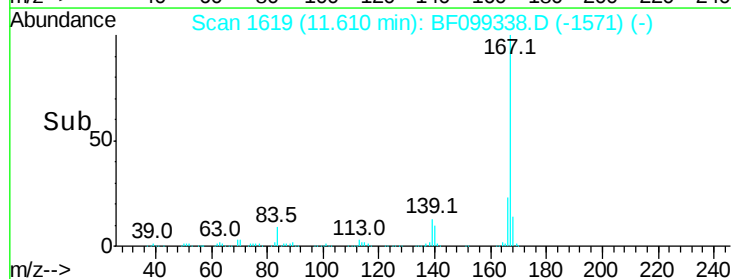
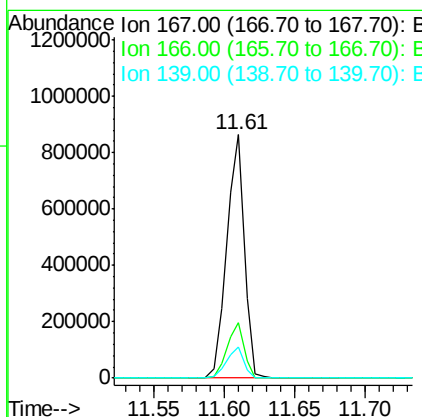
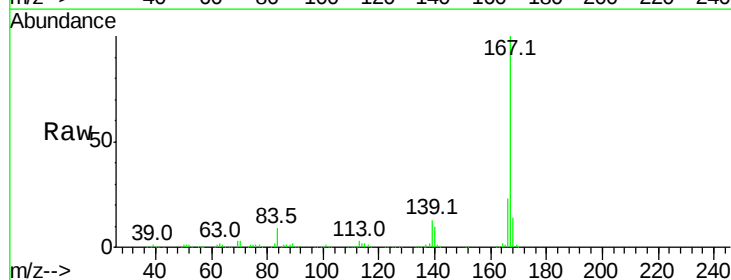
Instrument :
 BNA_F
 ClientSampleId :

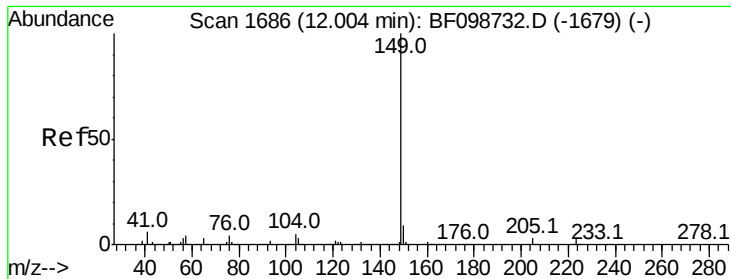
Tot Ion:178 Resp: 776860
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 40.889 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.02 min
 Lab File: BF099338.D
 Acq: 11 Oct 2017 11:26

Tgt Ion:167 Resp: 749110
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 12.9 10.9 16.3

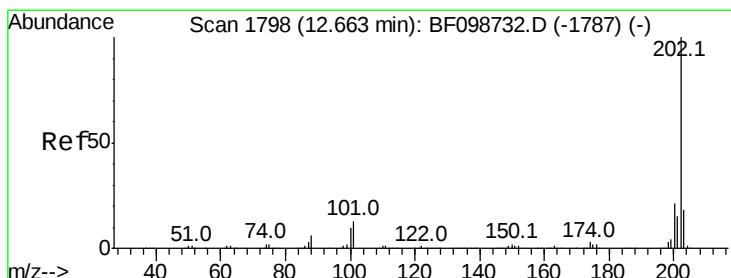
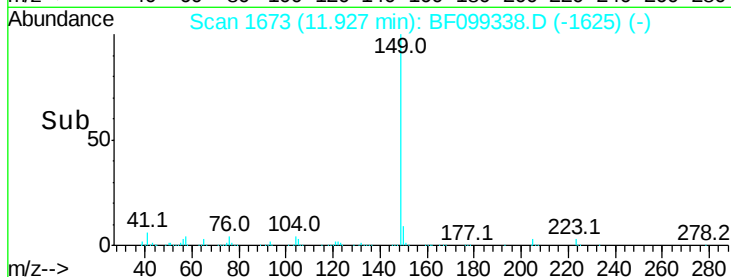
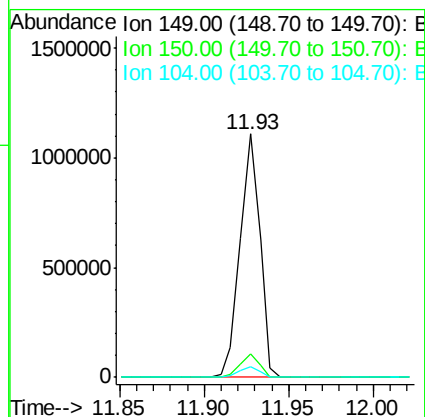
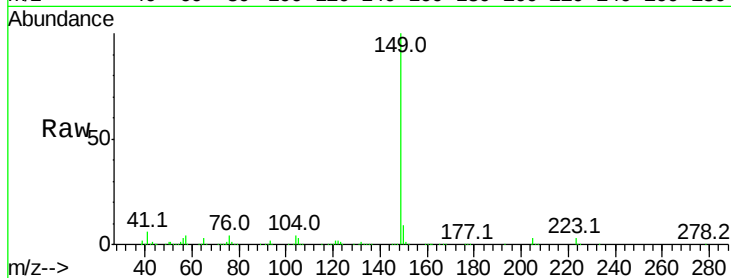




#73
Di-n-butylphthalate
Concen: 41.000 ng
RT: 11.93 min Scan# 1673
Delta R.T. -0.02 min
Lab File: BF099338.D
Acq: 11 Oct 2017 11:26

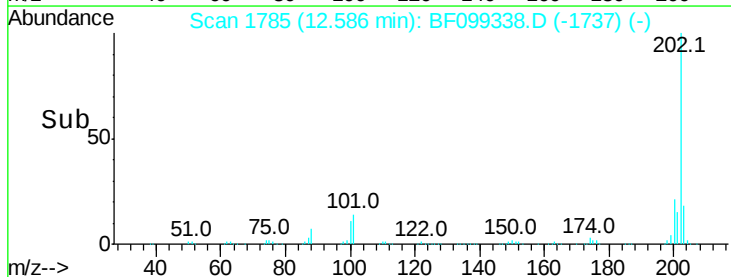
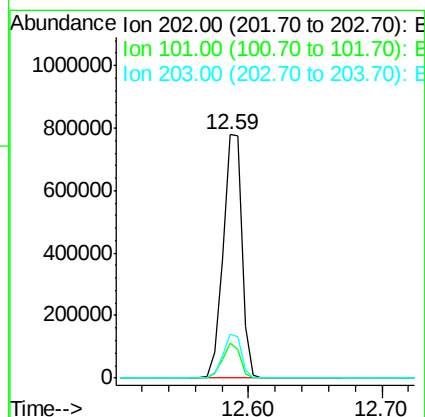
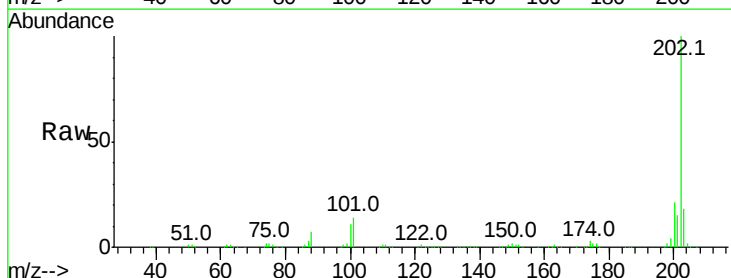
Instrument :
BNA_F
ClientSampleId :

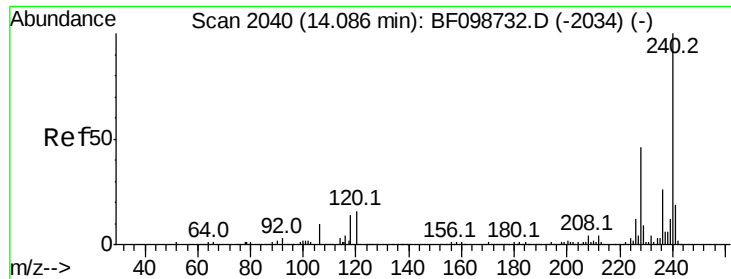
Tot Ion:149 Resp: 904123
Ion Ratio Lower Upper
149 100
150 9.5 7.8 11.6
104 4.4 3.8 5.8



#74
Fluoranthene
Concen: 41.940 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.02 min
Lab File: BF099338.D
Acq: 11 Oct 2017 11:26

Tgt Ion:202 Resp: 776524
Ion Ratio Lower Upper
202 100
101 14.3 0.0 34.1
203 17.9 0.0 38.1

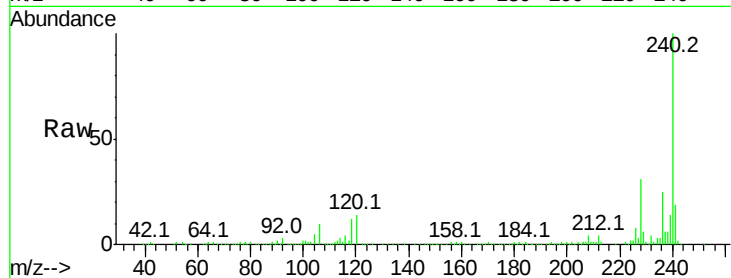




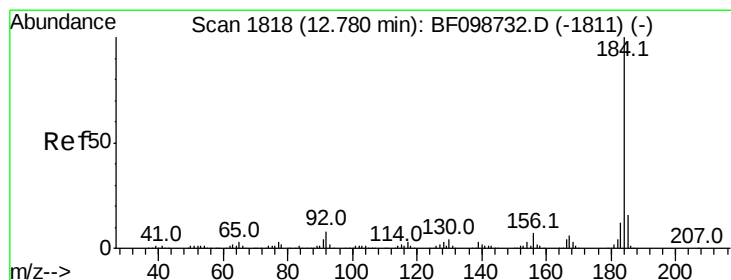
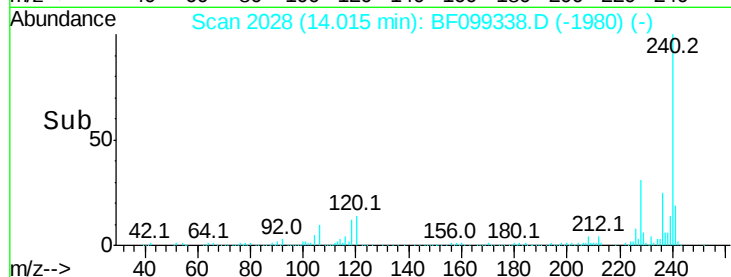
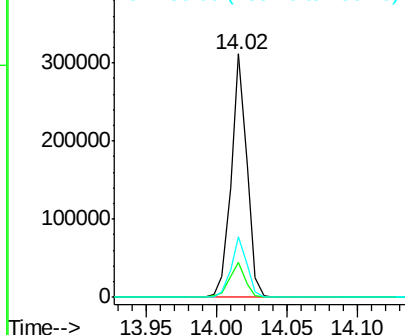
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF099338.D
 Acq: 11 Oct 2017 11:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 240869
 Ion Ratio Lower Upper
 240 100
 120 14.1 9.5 14.3
 236 25.1 20.7 31.1

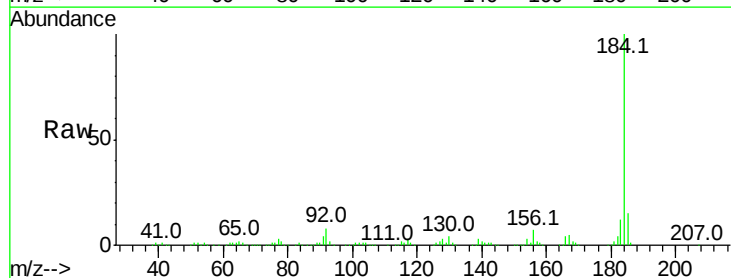


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

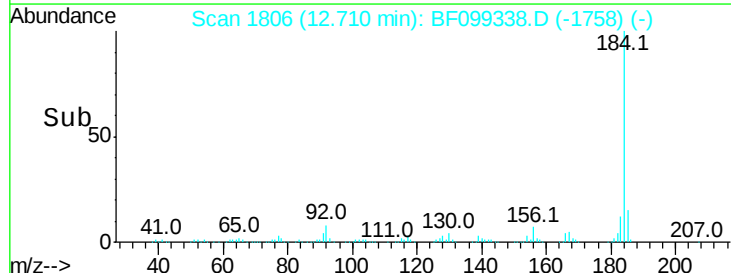
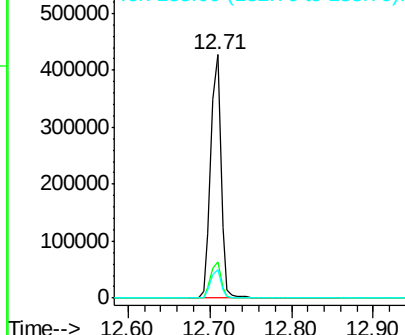


#76
 Benzidine
 Concen: 42.212 ng
 RT: 12.71 min Scan# 1806
 Delta R.T. -0.02 min
 Lab File: BF099338.D
 Acq: 11 Oct 2017 11:26

Tgt Ion:184 Resp: 376059
 Ion Ratio Lower Upper
 184 100
 185 15.1 12.6 18.8
 183 11.7 9.3 13.9



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

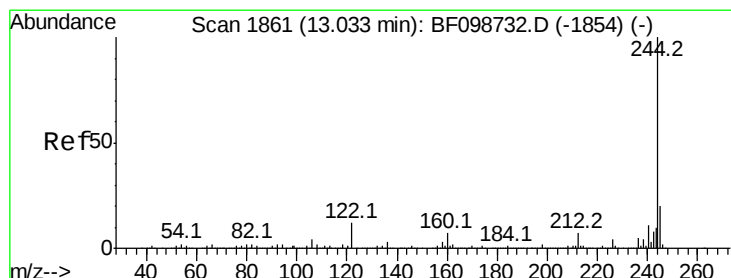
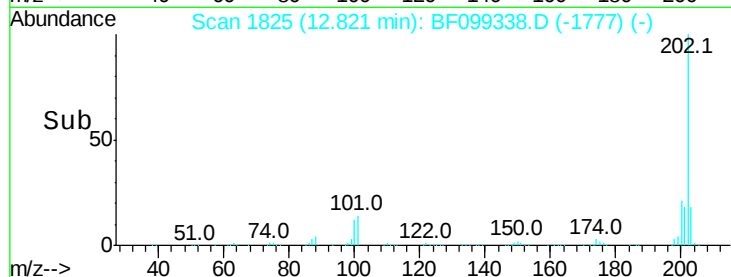
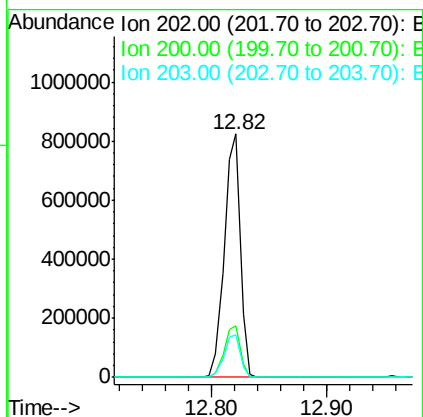
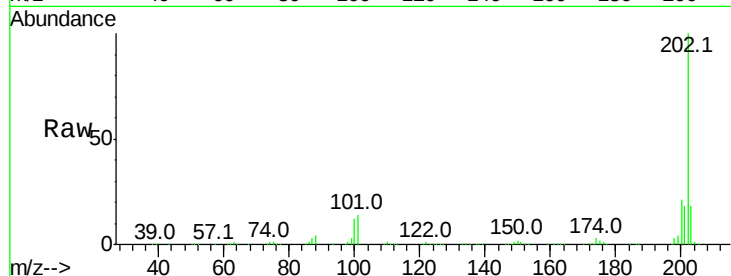




#77
 Pvrene
 Concen: 43.034 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.02 min
 Lab File: BF099338.D
 Acq: 11 Oct 2017 11:26

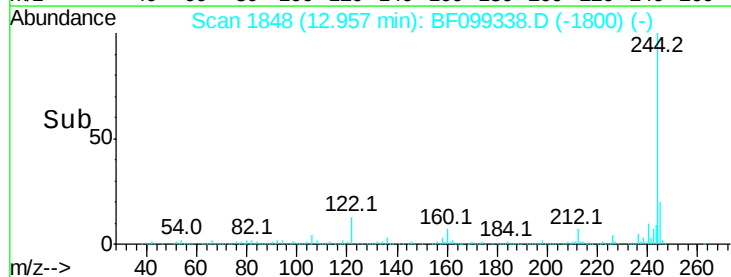
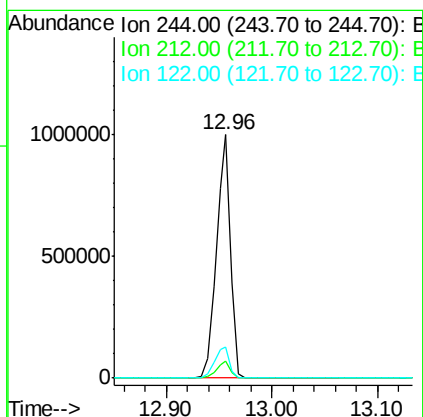
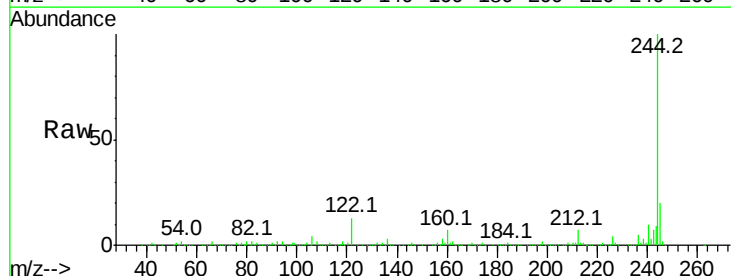
Instrument :
 BNA_F
 ClientSampleId :

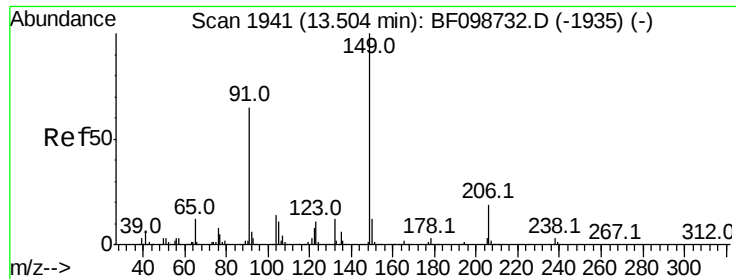
Tot Ion:202 Resp: 790422
 Ion Ratio Lower Upper
 202 100
 200 21.1 17.4 26.2
 203 17.7 14.3 21.5



#78
 Terphenyl-d14
 Concen: 88.616 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.02 min
 Lab File: BF099338.D
 Acq: 11 Oct 2017 11:26

Tgt Ion:244 Resp: 938564
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 13.0 11.0 16.4

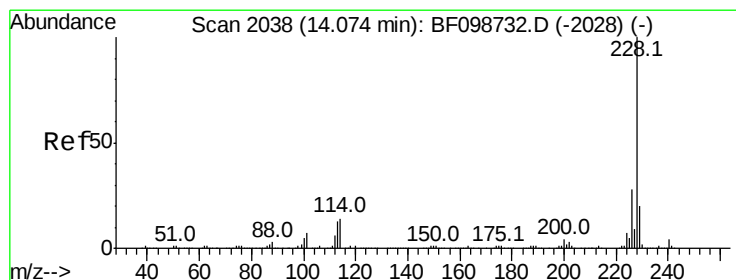
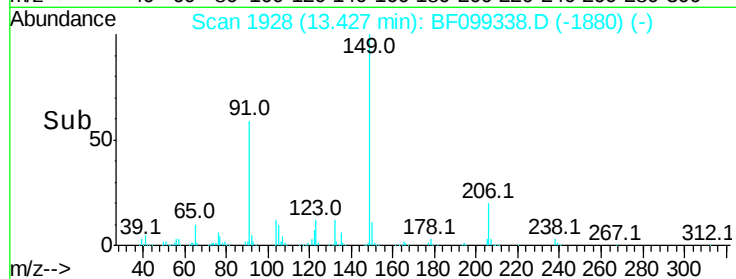
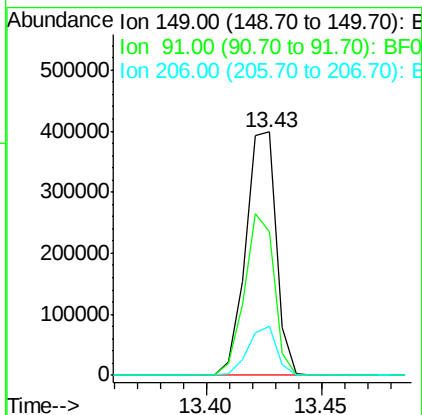
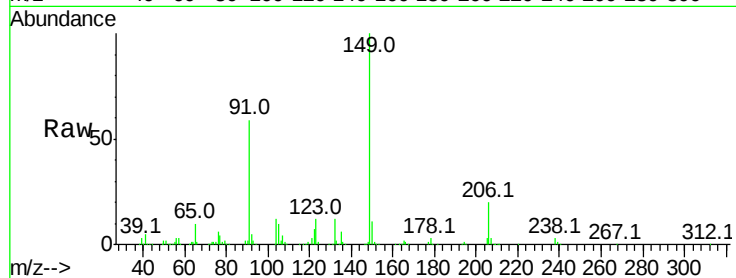




#79
Butylbenzylphthalate
Concen: 42.929 ng
RT: 13.43 min Scan# 1928
Delta R.T. -0.02 min
Lab File: BF099338.D
Acq: 11 Oct 2017 11:26

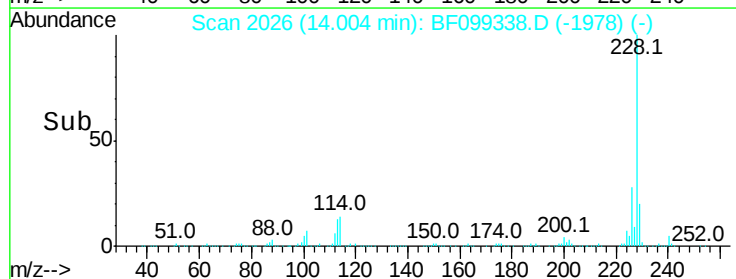
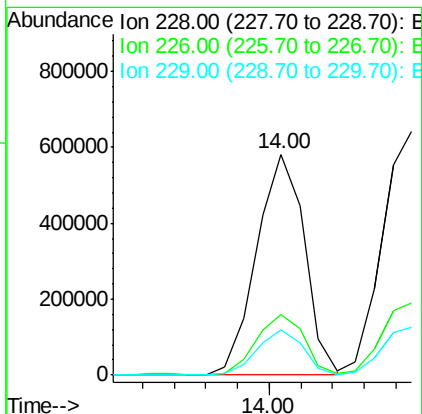
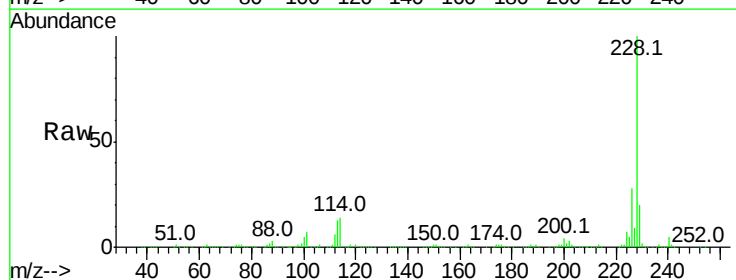
Instrument :
BNA_F
ClientSampleId :

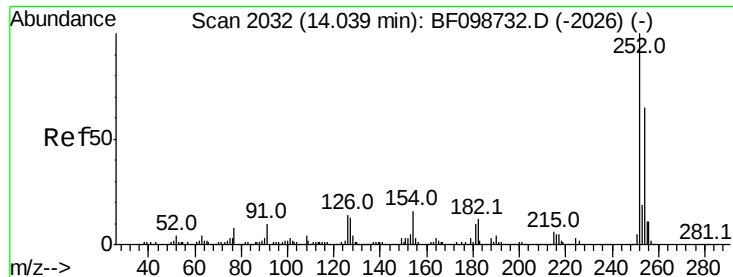
Tot Ion:149 Resp: 370570
Ion Ratio Lower Upper
149 100
91 59.2 56.8 85.2
206 20.3 14.1 21.1



#80
Benzo(a)anthracene
Concen: 41.821 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF099338.D
Acq: 11 Oct 2017 11:26

Tgt Ion:228 Resp: 609964
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 20.4 15.8 23.6

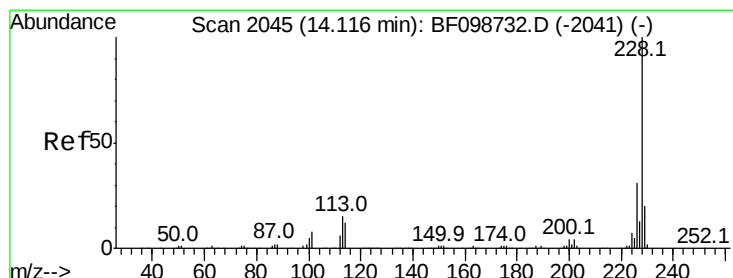
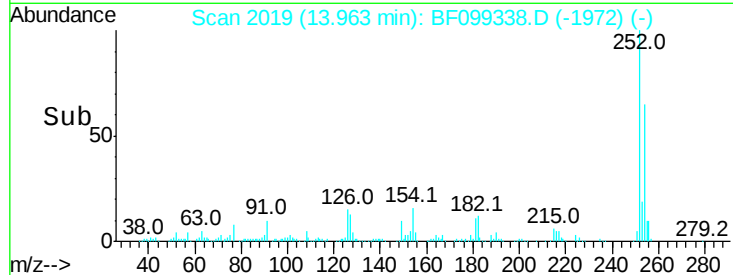
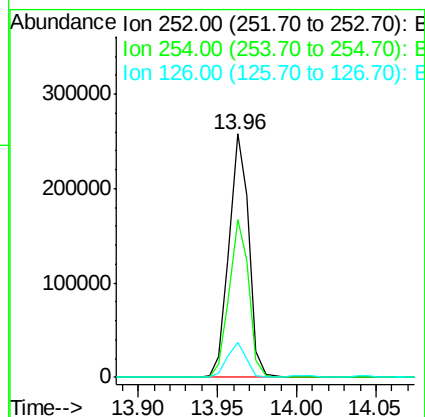
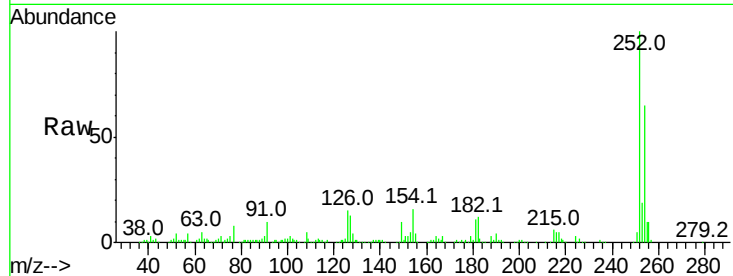




#81
 3,3'-Dichlorobenzidine
 Concen: 41.616 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.02 min
 Lab File: BF099338.D
 Acq: 11 Oct 2017 11:26

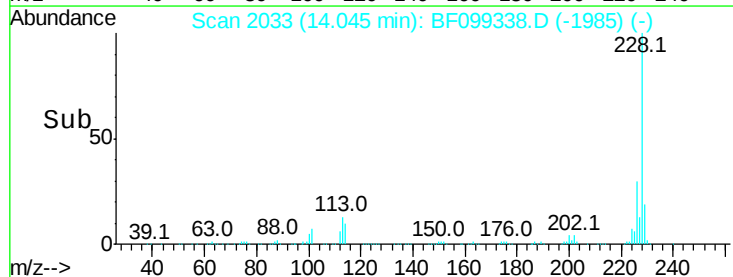
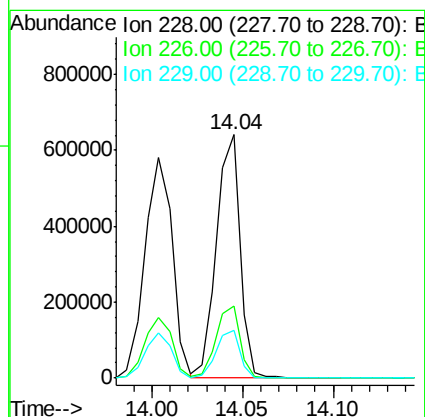
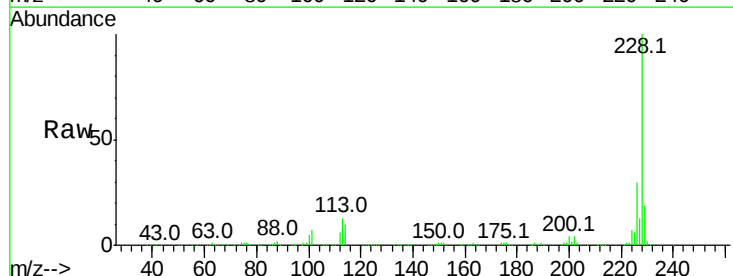
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.0	50.4	75.6
126	14.5	11.3	16.9



#82
 Chrysene
 Concen: 41.765 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.02 min
 Lab File: BF099338.D
 Acq: 11 Oct 2017 11:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	19.4	16.2	24.4

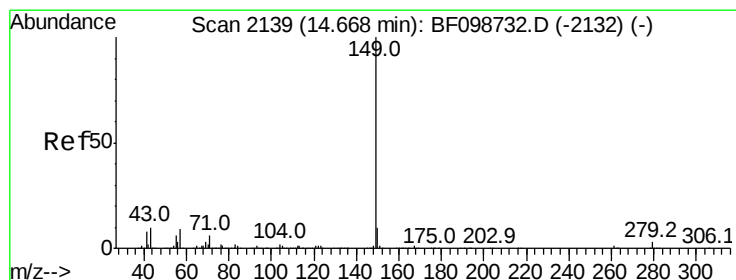
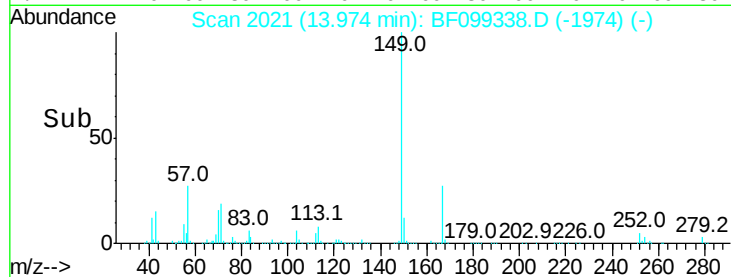
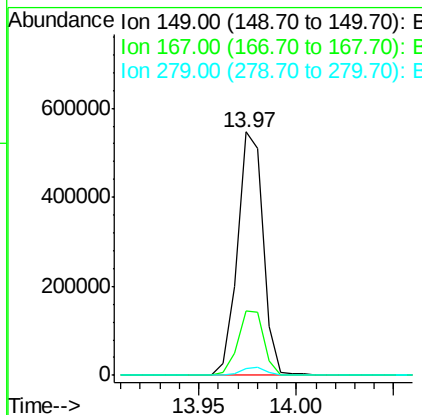
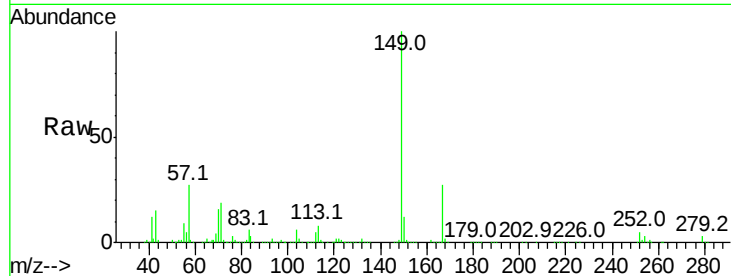




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.764 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.02 min
 Lab File: BF099338.D
 Acq: 11 Oct 2017 11:26

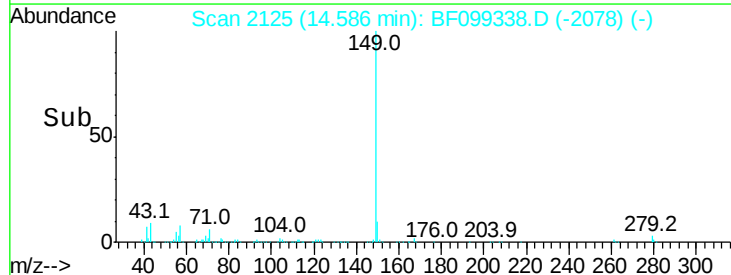
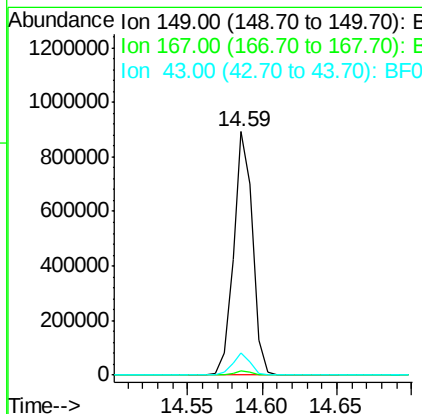
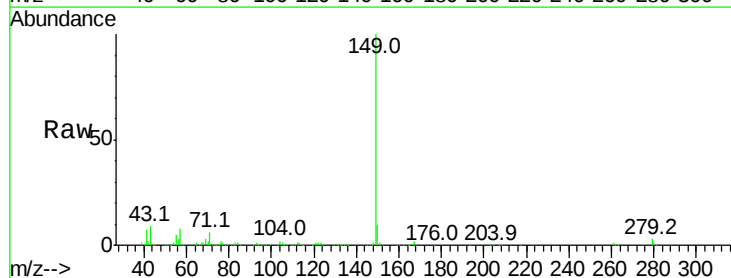
Instrument :
 BNA_F
 ClientSampleId :

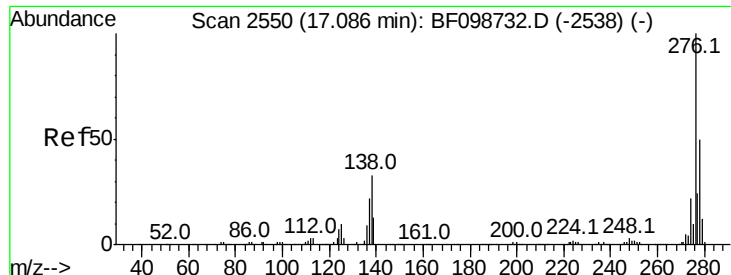
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.3	31.9
279	2.7	3.0	4.4#



#84
 Di-n-octyl phthalate
 Concen: 41.627 ng
 RT: 14.59 min Scan# 2125
 Delta R.T. -0.02 min
 Lab File: BF099338.D
 Acq: 11 Oct 2017 11:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.7	8.4	12.6

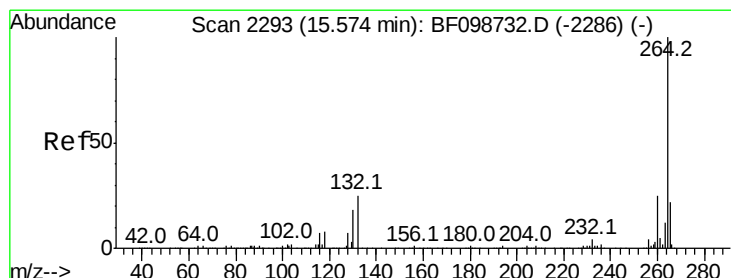
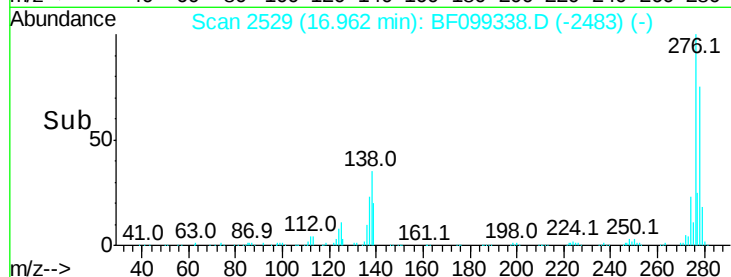
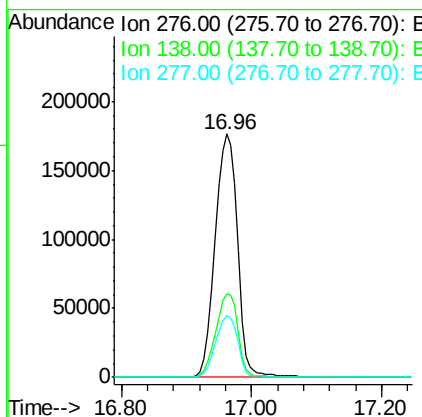
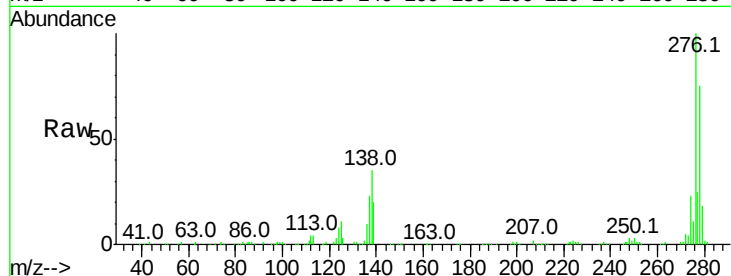




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.953 ng
 RT: 16.96 min Scan# 2529
 Delta R.T. -0.03 min
 Lab File: BF099338.D
 Acq: 11 Oct 2017 11:26

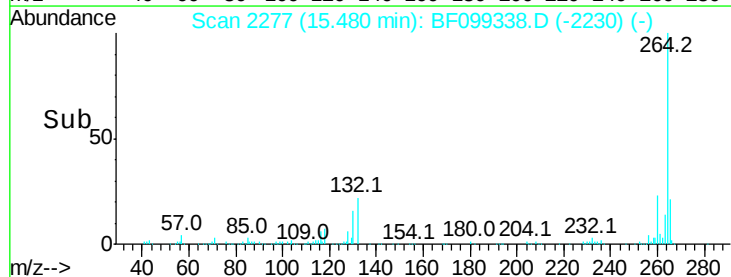
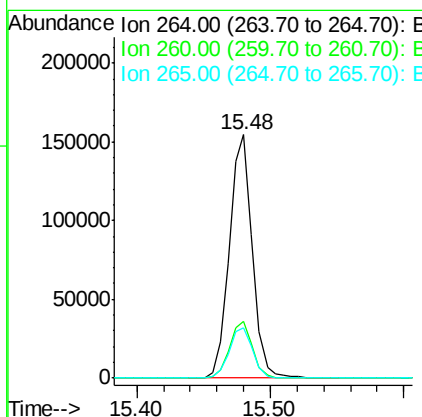
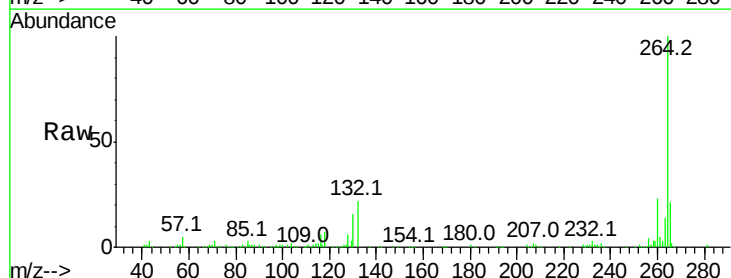
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.0	25.0	37.6
277	25.1	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. -0.02 min
 Lab File: BF099338.D
 Acq: 11 Oct 2017 11:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.8	17.5	26.3

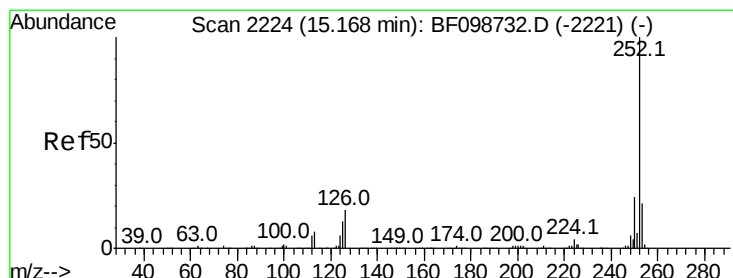
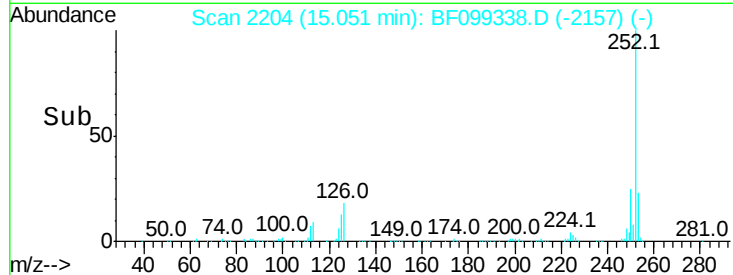
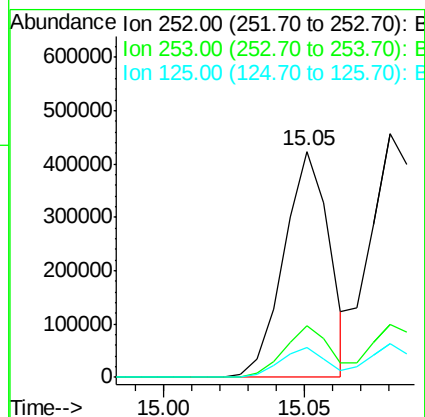
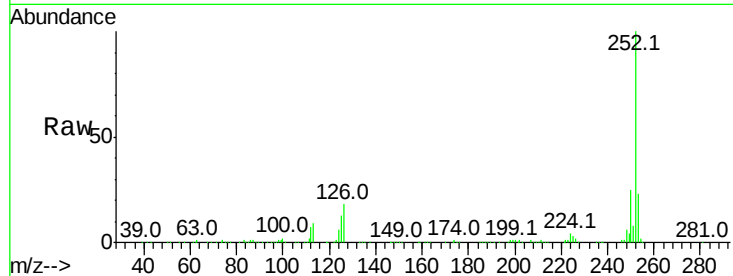




#87
Benzo(b)fluoranthene
Concen: 41.497 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.02 min
Lab File: BF099338.D
Acq: 11 Oct 2017 11:26

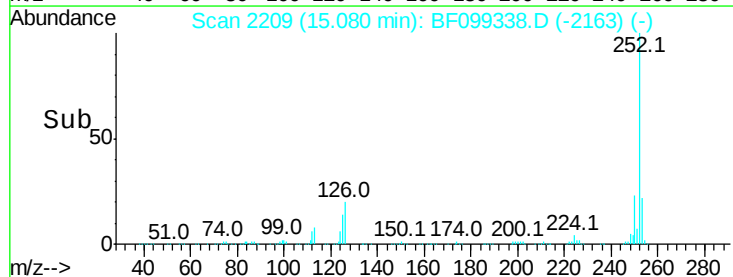
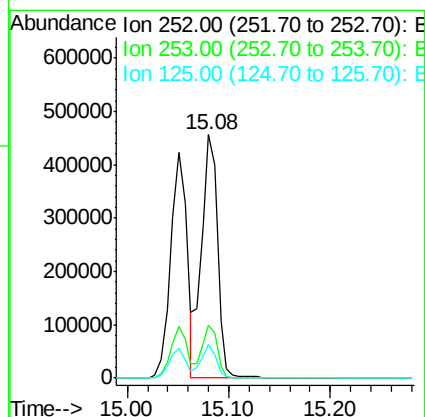
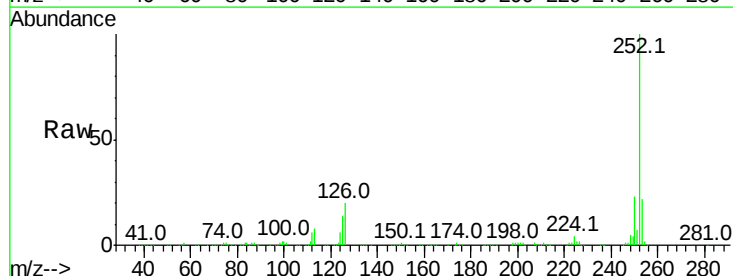
Instrument :
BNA_F
ClientSampleId :

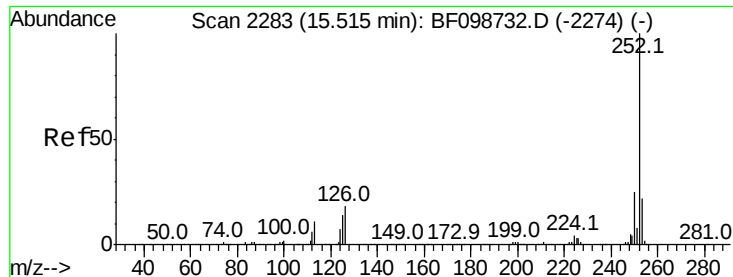
Tot Ion:252 Resp: 473878
Ion Ratio Lower Upper
252 100
253 22.8 17.0 25.6
125 13.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 44.451 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.03 min
Lab File: BF099338.D
Acq: 11 Oct 2017 11:26

Tgt Ion:252 Resp: 501368
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 14.0 10.2 15.2





#89

Benzo(a)pyrene

Concen: 42.194 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.02 min

Lab File: BF099338.D

Acq: 11 Oct 2017 11:26

Instrument :

BNA_F

ClientSampleId :

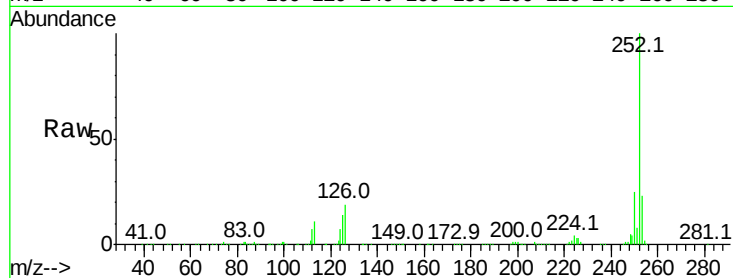
Tot Ion:252 Resp: 442295

Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

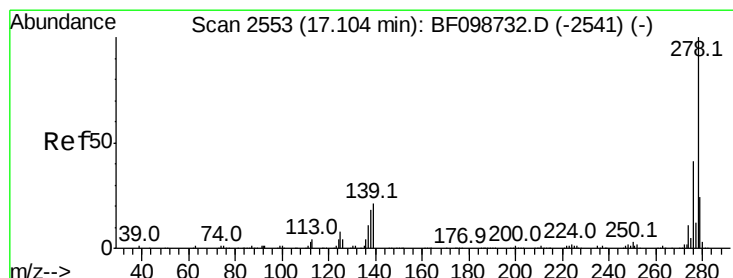
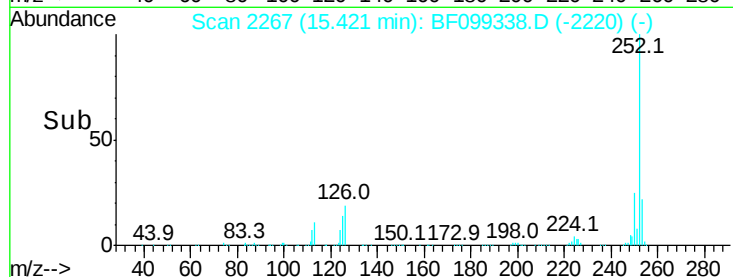
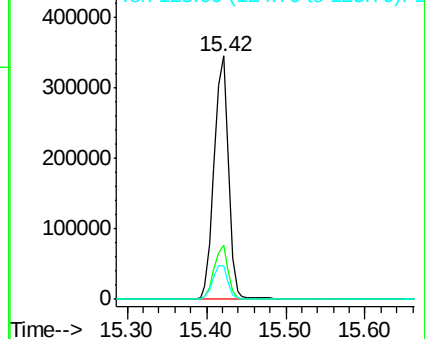
125 13.8 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.067 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.04 min

Lab File: BF099338.D

Acq: 11 Oct 2017 11:26

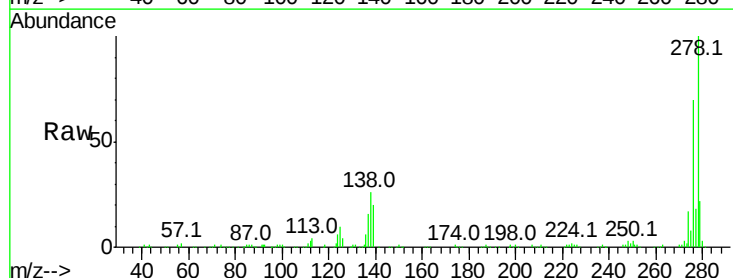
Tgt Ion:278 Resp: 344510

Ion Ratio Lower Upper

278 100

139 19.9 15.9 23.9

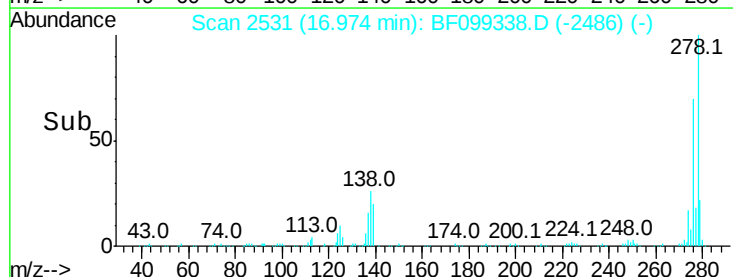
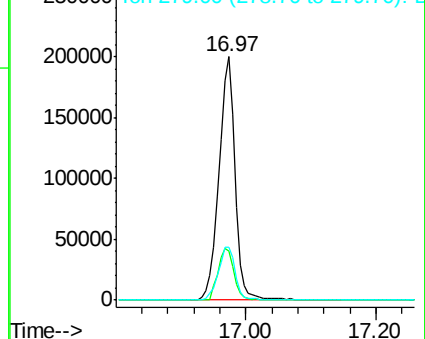
279 22.0 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 41.680 ng

RT: 17.41 min Scan# 2605

Delta R.T. -0.04 min

Lab File: BF099338.D

Acq: 11 Oct 2017 11:26

Instrument :

BNA_F

ClientSampleId :

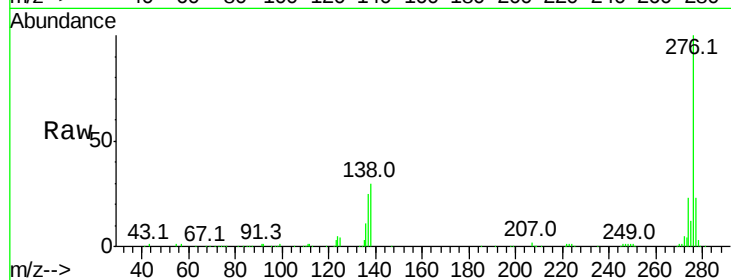
Tot Ion: 276 Resp: 345621

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 29.8 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

