

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
 Data File : BF099093.D
 Acq On : 5 Oct 2017 9:45
 Operator : SJ/JU
 Sample : PB102898BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 05 17:11:19 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 09:04:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	143698	20.00	ng	-0.05
21) Naphthalene-d8	8.15	136	610665	20.00	ng	-0.05
38) Acenaphthene-d10	9.90	164	286603	20.00	ng	-0.06
63) Phenanthrene-d10	11.39	188	499093	20.00	ng	-0.05
75) Chrysene-d12	14.03	240	382042	20.00	ng	-0.05
86) Perylene-d12	15.50	264	333286	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1002901	111.10	ng	-0.04
7) Phenol-d6	6.50	99	1222642	109.80	ng	-0.04
23) Nitrobenzene-d5	7.43	82	738687	77.57	ng	-0.05
41) 2,4,6-Tribromophenol	10.70	330	267707	114.15	ng	-0.05
44) 2-Fluorobiphenyl	9.23	172	1348992	78.58	ng	-0.05
78) Terphenyl-d14	12.97	244	1223699	72.84	ng	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	134903	31.285	ng	98
3) Pyridine	3.50	79	384897	32.997	ng	96
4) n-Nitrosodimethylamine	3.46	42	165853	33.530	ng	89
6) Aniline	6.53	93	456176	30.353	ng	99
8) 2-Chlorophenol	6.66	128	374337	36.619	ng	95
9) Benzaldehyde	6.42	77	174955	27.085	ng	97
10) Phenol	6.52	94	470383	37.770	ng	98
11) bis(2-Chloroethyl)ether	6.60	93	355143	36.682	ng	98
12) 1,3-Dichlorobenzene	6.81	146	390662	36.491	ng	98
13) 1,4-Dichlorobenzene	6.89	146	394572	36.224	ng	97
14) 1,2-Dichlorobenzene	7.04	146	368369	36.600	ng	98
15) Benzyl Alcohol	7.01	79	308151	37.721	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	533677	35.380	ng	97
17) 2-Methylphenol	7.12	107	320048	38.263	ng	97
18) Hexachloroethane	7.37	117	140815	35.966	ng	95
19) n-Nitroso-di-n-propylamine	7.28	70	245660	34.553	ng	97
20) 3+4-Methylphenols	7.27	107	383340	36.228	ng	# 74
22) Acetophenone	7.28	105	502331	33.952	ng	# 95
24) Nitrobenzene	7.45	77	382953	35.453	ng	98
25) Isophorone	7.69	82	733024	37.233	ng	98
26) 2-Nitrophenol	7.76	139	213051	41.016	ng	96
27) 2,4-Dimethylphenol	7.80	122	363548	37.061	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	461656	37.628	ng	100
29) 2,4-Dichlorophenol	8.00	162	323166	38.371	ng	100
30) 1,2,4-Trichlorobenzene	8.09	180	313939	37.269	ng	99
31) Naphthalene	8.17	128	1063483	37.080	ng	100
32) Benzoic acid	7.93	122	202039	25.074	ng	97
33) 4-Chloroaniline	8.22	127	286737	23.941	ng	99
34) Hexachlorobutadiene	8.29	225	154406	35.588	ng	98
35) Caprolactam	8.60	113	56186	20.797	ng	89
36) 4-Chloro-3-methylphenol	8.70	107	345295	36.475	ng	95
37) 2-Methylnaphthalene	8.86	142	745308	39.974	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	287905	33.684	ng	99
40) Hexachlorocyclopentadiene	9.01	237	250414	64.108	ng	99

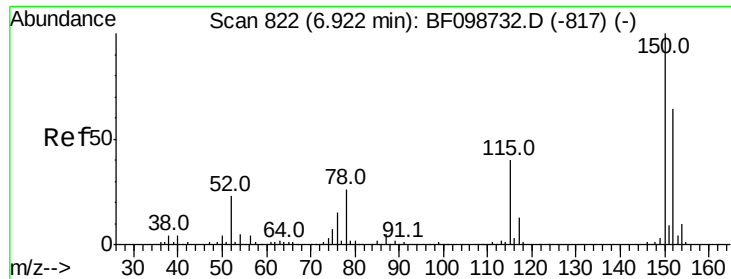
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 09:04:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	211078	34.859	ng	99
43) 2,4,5-Trichlorophenol	9.18	196	225230	37.261	ng	97
45) 1,1'-Biphenyl	9.33	154	863537	35.058	ng	99
46) 2-Chloronaphthalene	9.35	162	675765	36.539	ng	98
47) 2-Nitroaniline	9.45	65	210917	37.245	ng	93
48) Acenaphthylene	9.77	152	1049084	37.055	ng	99
49) Dimethylphthalate	9.63	163	804345	37.184	ng	100
50) 2,6-Dinitrotoluene	9.69	165	181195	38.476	ng	92
51) Acenaphthene	9.94	154	613850	34.229	ng	99
52) 3-Nitroaniline	9.86	138	155207	28.266	ng	92
53) 2,4-Dinitrophenol	9.97	184	166332	68.727	ng	92
54) Dibenzofuran	10.12	168	924133	38.702	ng	99
55) 4-Nitrophenol	10.03	139	308511	66.446	ng	91
56) 2,4-Dinitrotoluene	10.10	165	243510	39.843	ng	95
57) Fluorene	10.46	166	716783	37.347	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	165379	39.606	ng	98
59) Diethylphthalate	10.33	149	771947	36.521	ng	97
60) 4-Chlorophenyl-phenylether	10.45	204	319289	37.035	ng	95
61) 4-Nitroaniline	10.48	138	217618	41.079	ng	89
62) Azobenzene	10.60	77	749189	38.549	ng	96
64) 4,6-Dinitro-2-methylphenol	10.51	198	113675	37.435	ng	78
65) n-Nitrosodiphenylamine	10.57	169	651639	37.689	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	191997	39.301	ng	96
67) Hexachlorobenzene	11.00	284	190563	36.522	ng	95
68) Atrazine	11.09	200	207367	39.863	ng	99
69) Pentachlorophenol	11.20	266	191714	59.038	ng	99
70) Phenanthrene	11.42	178	1024554	38.351	ng	99
71) Anthracene	11.47	178	1075922	39.361	ng	100
72) Carbazole	11.63	167	1012024	37.807	ng	100
73) Di-n-butylphthalate	11.94	149	1221669	37.917	ng	99
74) Fluoranthene	12.60	202	1065862	39.400	ng	99
76) Benzidine	12.73	184	576793	40.819	ng	98
77) Pyrene	12.84	202	1099599	37.745	ng	99
79) Butylbenzylphthalate	13.44	149	533753	38.985	ng	96
80) Benzo(a)anthracene	14.02	228	912520	39.446	ng	99
81) 3,3'-Dichlorobenzidine	13.98	252	216604	25.541	ng	99
82) Chrysene	14.06	228	846924	38.454	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	731946	38.825	ng	# 99
84) Di-n-octyl phthalate	14.61	149	1204489	39.678	ng	97
85) Indeno(1,2,3-cd)pyrene	16.99	276	692002	39.278	ng	96
87) Benzo(b)fluoranthene	15.11	252	716156	34.948	ng	99
88) Benzo(k)fluoranthene	15.11	252	716156	35.384	ng	98
89) Benzo(a)pyrene	15.44	252	744417	39.576	ng	# 97
90) Dibenzo(a,h)anthracene	17.01	278	563346	37.423	ng	97
91) Benzo(g,h,i)perylene	17.44	276	568687	38.218	ng	95

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

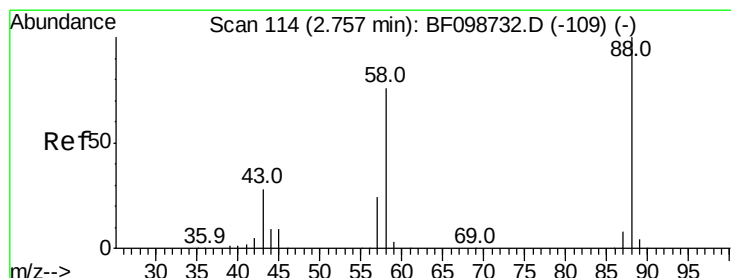
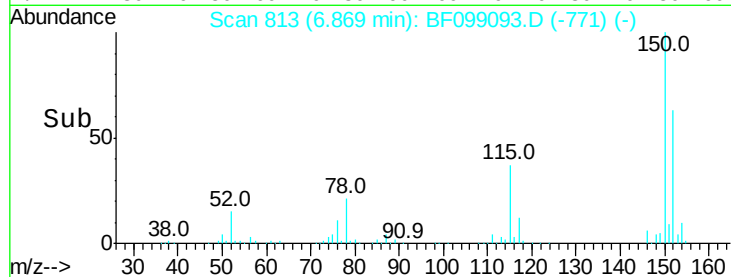
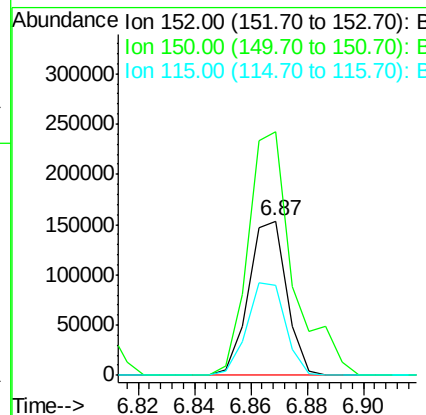
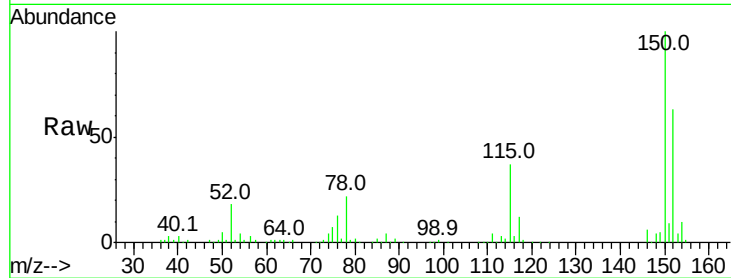


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.05 min
Lab File: BF099093.D
Acq: 5 Oct 2017 9:45

Instrument :
BNA_F
ClientSampleId :

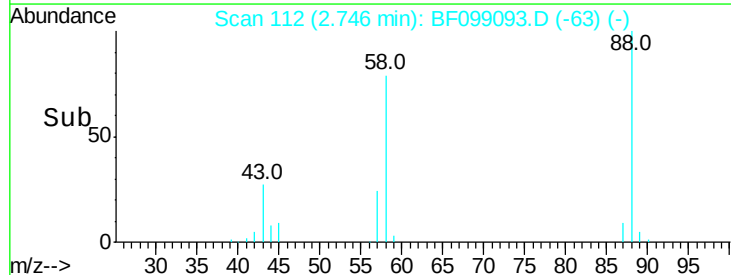
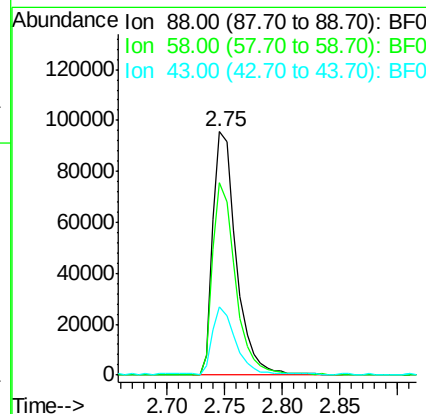
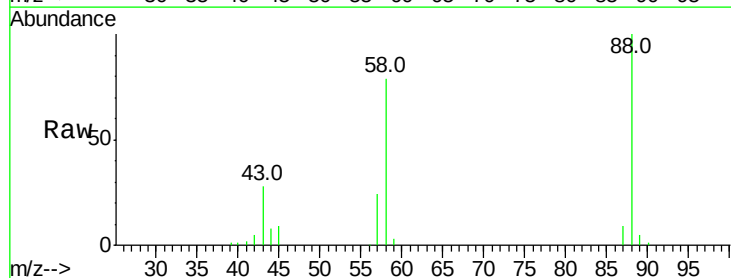
Tot Ion:152 Resp: 143698
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 58.1 50.1 75.1

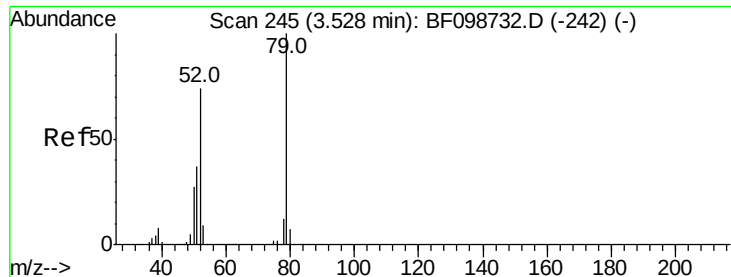


#2

1,4-Dioxane
Concen: 31.285 ng
RT: 2.75 min Scan# 112
Delta R.T. -0.01 min
Lab File: BF099093.D
Acq: 5 Oct 2017 9:45

Tgt Ion: 88 Resp: 134903
Ion Ratio Lower Upper
88 100
58 77.8 62.6 93.8
43 26.6 24.6 37.0





#3

Pvridine

Concen: 32.997 ng

RT: 3.50 min Scan# 241

Delta R.T. -0.02 min

Lab File: BF099093.D

Acq: 5 Oct 2017 9:45

Instrument :

BNA_F

ClientSampleId :

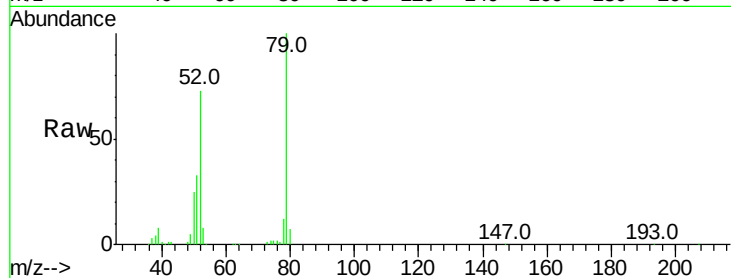
Tot Ion: 79 Resp: 384897

Ion Ratio Lower Upper

79 100

52 72.8 59.8 89.6

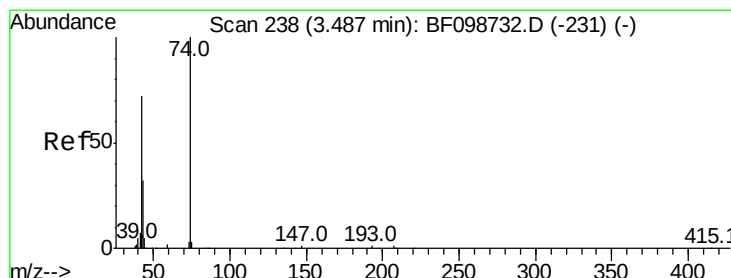
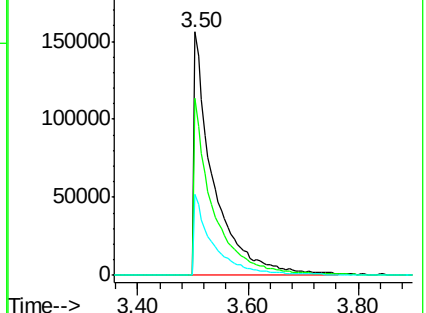
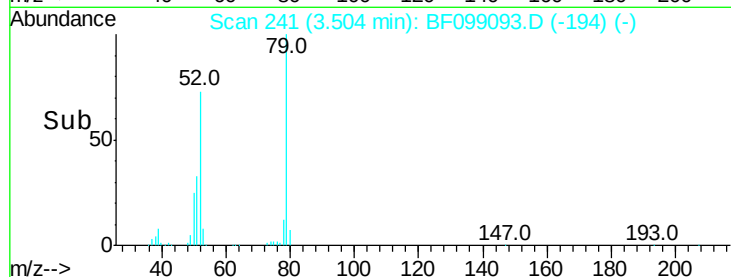
51 33.5 29.8 44.8



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: 33.530 ng

RT: 3.46 min Scan# 234

Delta R.T. -0.02 min

Lab File: BF099093.D

Acq: 5 Oct 2017 9:45

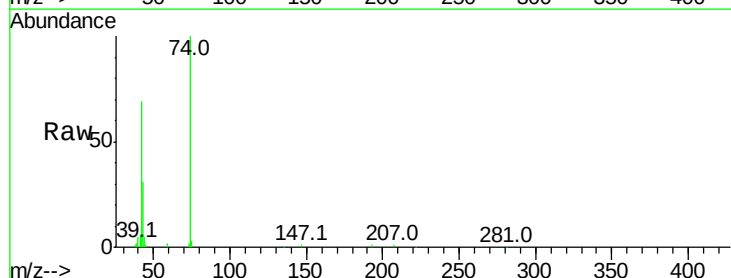
Tgt Ion: 42 Resp: 165853

Ion Ratio Lower Upper

42 100

74 144.3 104.9 157.3

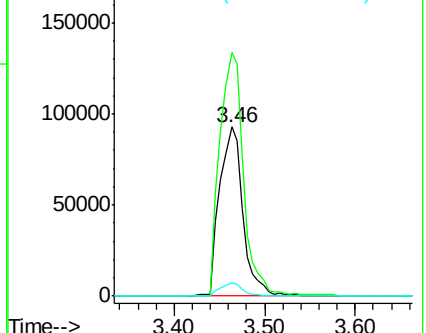
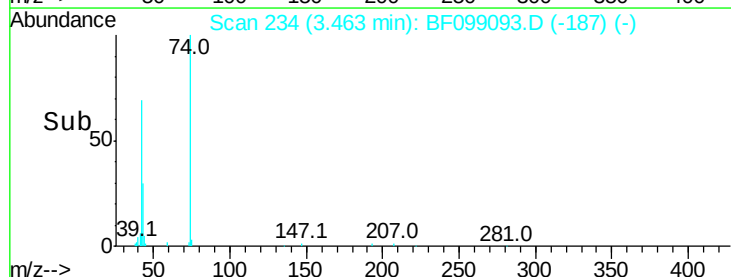
44 7.6 6.9 10.3

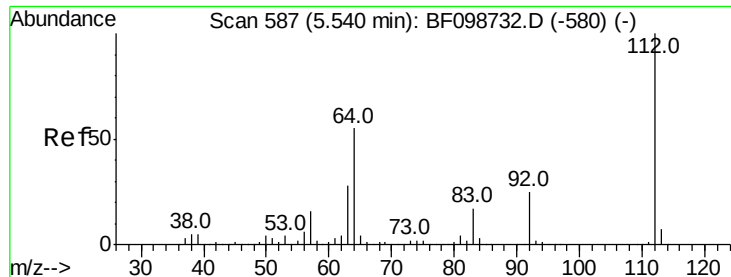


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 111.102 ng

RT: 5.50 min Scan# 580

Delta R.T. -0.04 min

Lab File: BF099093.D

Acq: 5 Oct 2017 9:45

Instrument :

BNA_F

ClientSampleId :

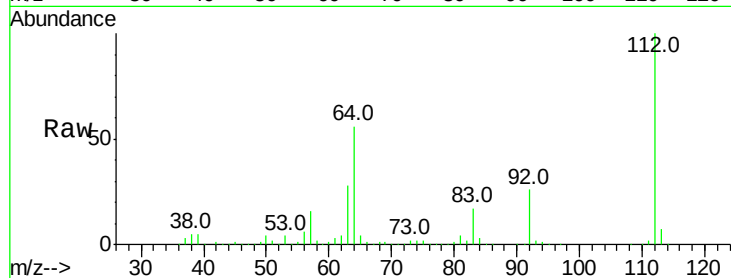
Tot Ion:112 Resp: 1002901

Ion Ratio Lower Upper

112 100

64 56.4 47.9 71.9

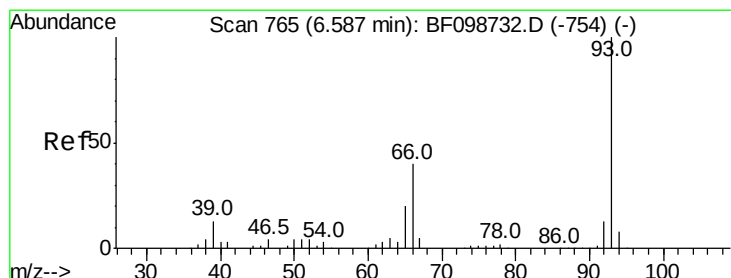
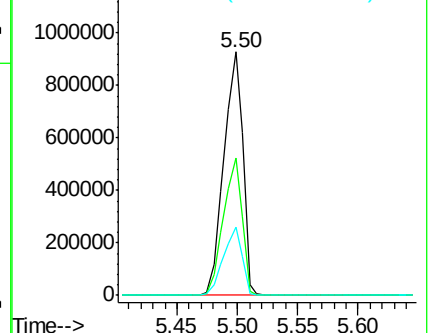
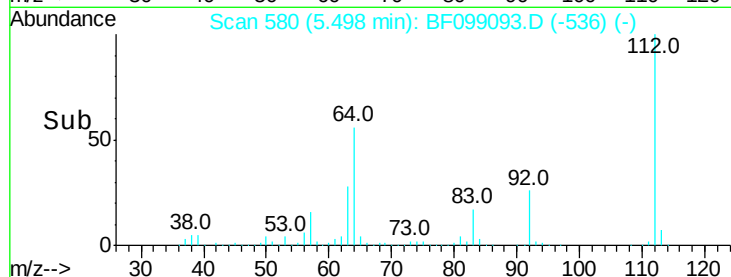
63 27.9 23.7 35.5



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: 30.353 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.05 min

Lab File: BF099093.D

Acq: 5 Oct 2017 9:45

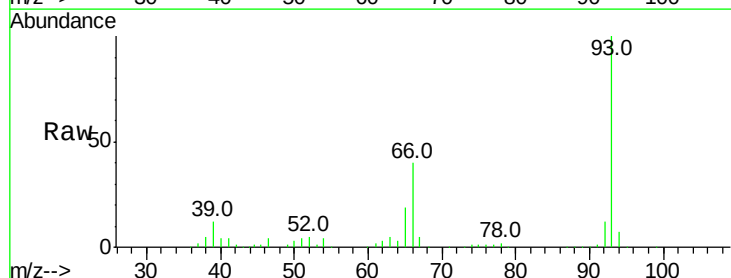
Tgt Ion: 93 Resp: 456176

Ion Ratio Lower Upper

93 100

66 39.8 32.2 48.2

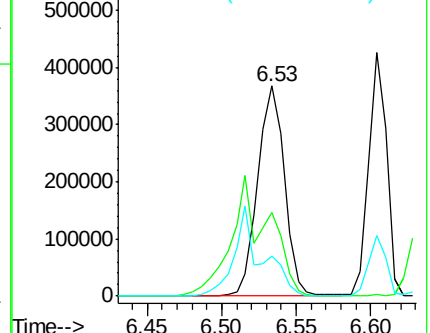
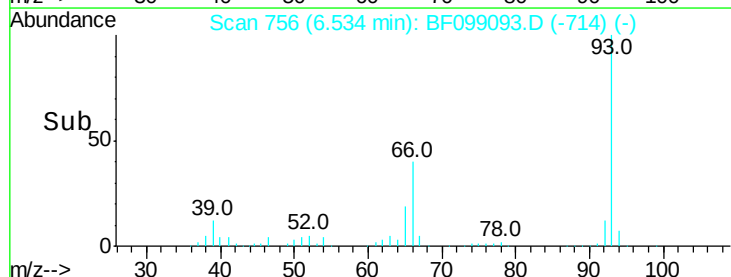
65 19.2 16.4 24.6

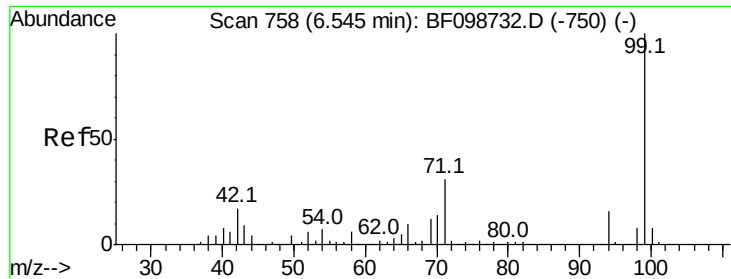


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 109.796 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.04 min

Lab File: BF099093.D

Acq: 5 Oct 2017 9:45

Instrument :

BNA_F

ClientSampled :

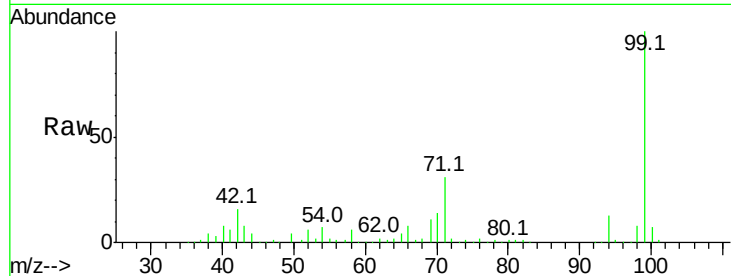
Tot Ion: 99 Resp: 1222642

Ion Ratio Lower Upper

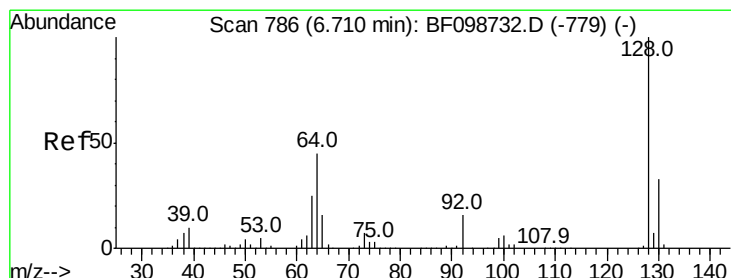
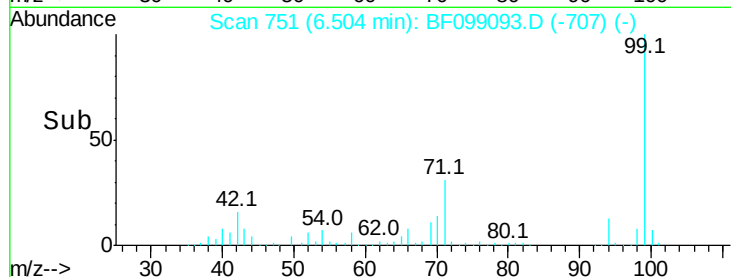
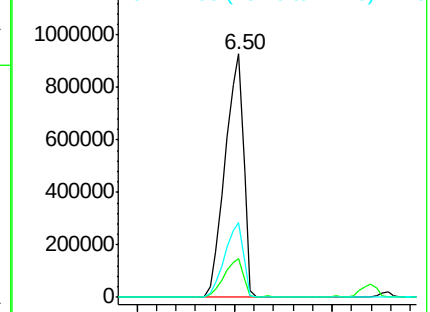
99 100

42 15.8 14.5 21.7

71 30.9 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: 36.619 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.05 min

Lab File: BF099093.D

Acq: 5 Oct 2017 9:45

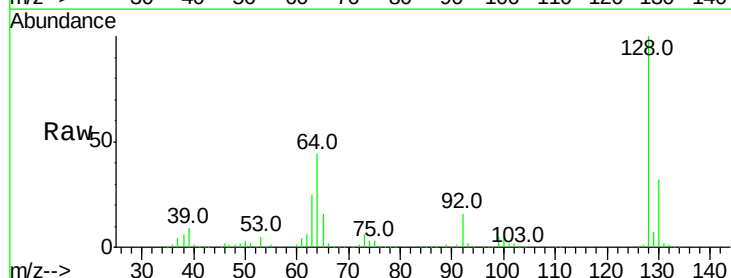
Tgt Ion:128 Resp: 374337

Ion Ratio Lower Upper

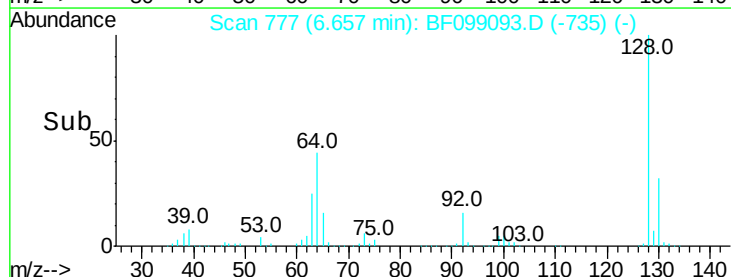
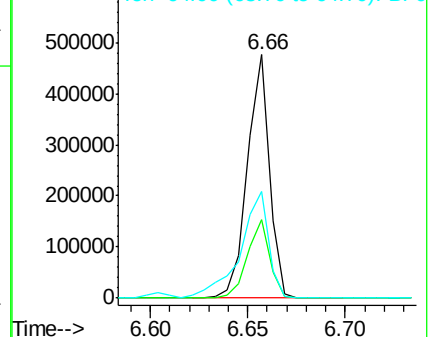
128 100

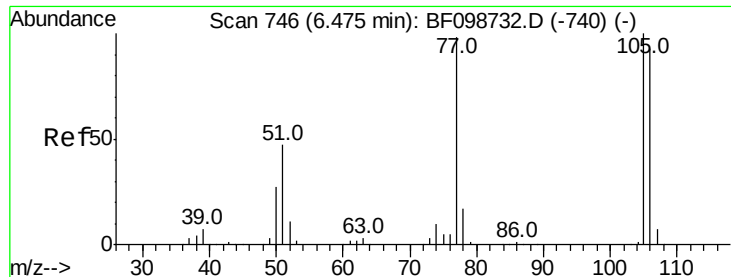
130 32.4 13.0 53.0

64 43.7 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: 27.085 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.06 min

Lab File: BF099093.D

Acq: 5 Oct 2017 9:45

Instrument :
BNA_F
ClientSampleId :

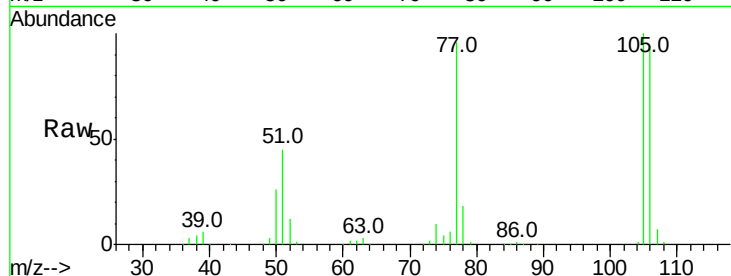
Tot Ion: 77 Resp: 174955

Ion Ratio Lower Upper

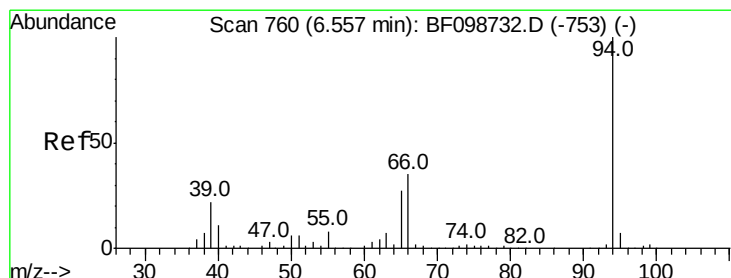
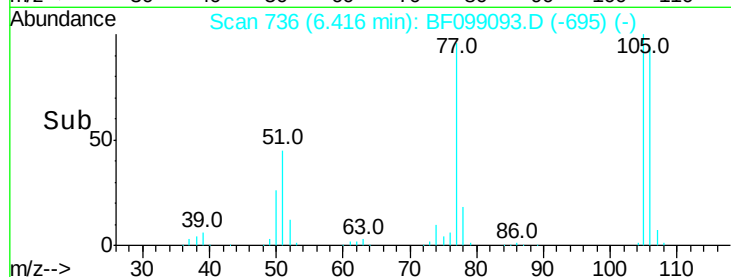
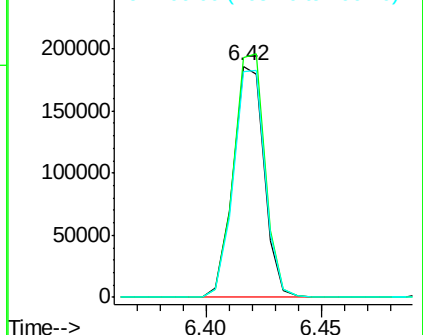
77 100

105 103.9 81.1 121.1

106 97.9 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.770 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.04 min

Lab File: BF099093.D

Acq: 5 Oct 2017 9:45

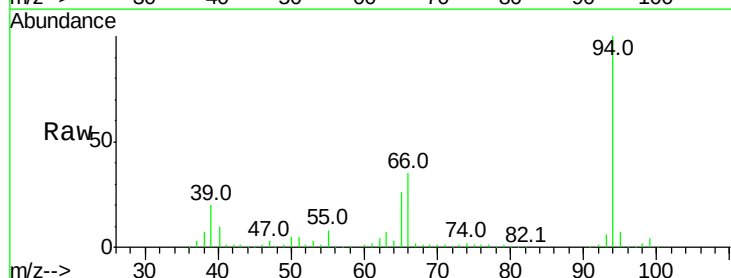
Tgt Ion: 94 Resp: 470383

Ion Ratio Lower Upper

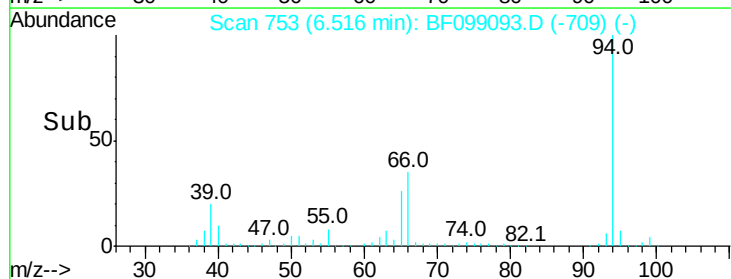
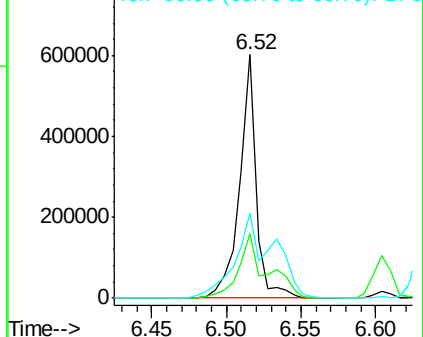
94 100

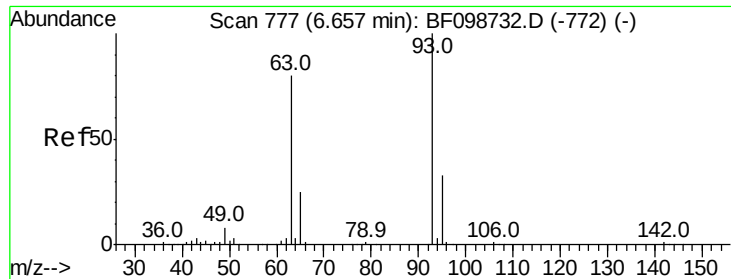
65 26.3 7.9 47.9

66 35.0 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 36.682 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.05 min

Lab File: BF099093.D

Acq: 5 Oct 2017 9:45

Instrument :

BNA_F

ClientSampleId :

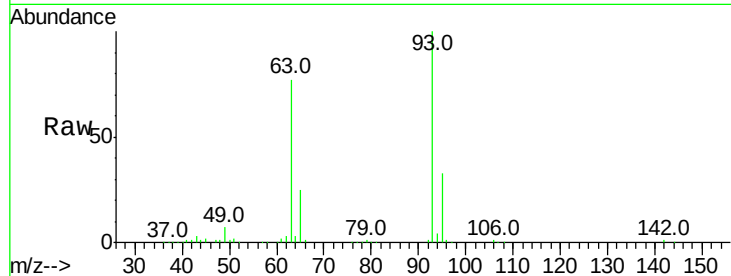
Tot Ion: 93 Resp: 355143

Ion Ratio Lower Upper

93 100

63 77.3 58.6 98.6

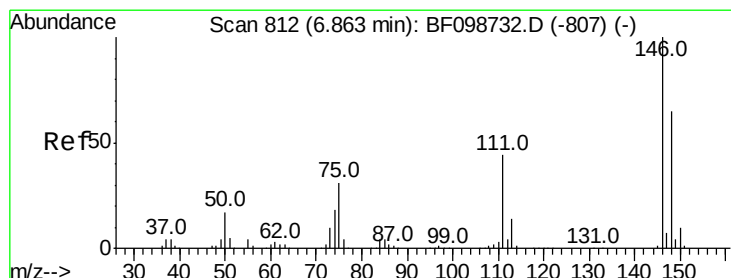
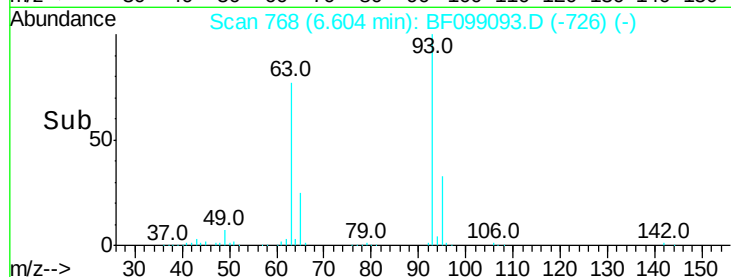
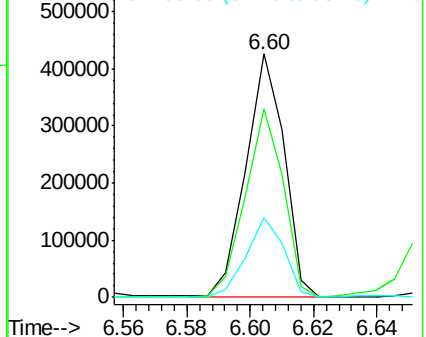
95 32.9 11.8 51.8



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: 36.491 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.05 min

Lab File: BF099093.D

Acq: 5 Oct 2017 9:45

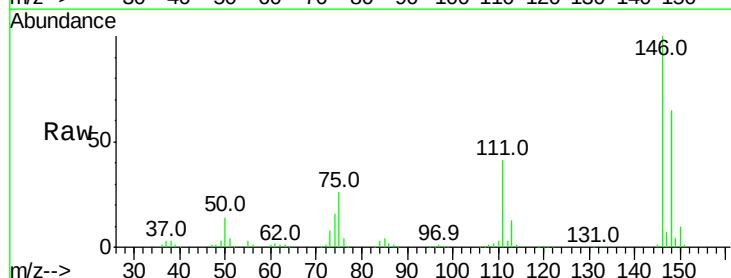
Tgt Ion: 146 Resp: 390662

Ion Ratio Lower Upper

146 100

148 64.7 51.8 77.8

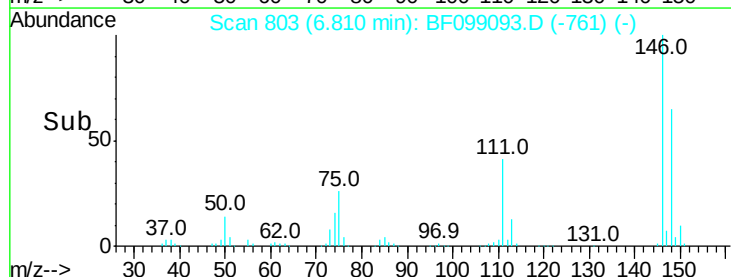
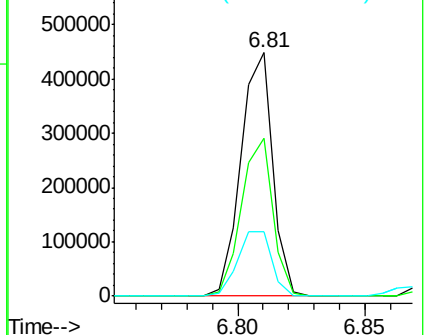
75 26.4 24.2 36.4

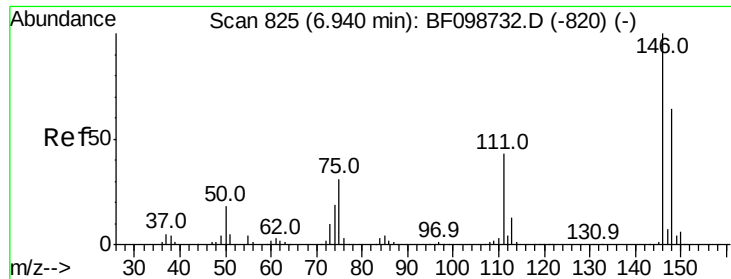


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

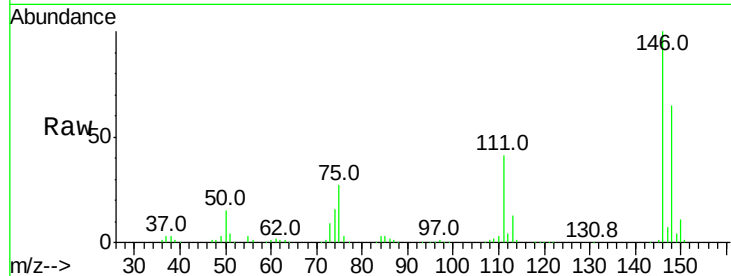




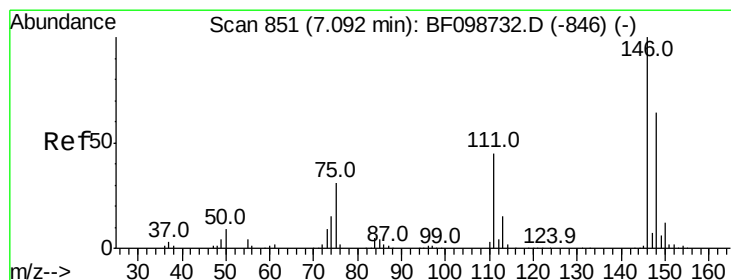
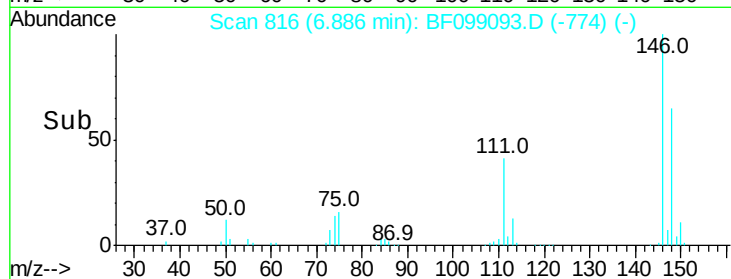
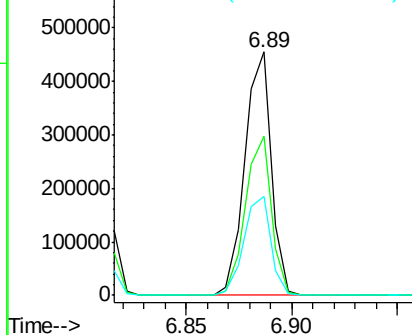
#13
 1,4-Dichlorobenzene
 Concen: 36.224 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.05 min
 Lab File: BF099093.D
 Acq: 5 Oct 2017 9:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 394572
 Ion Ratio Lower Upper
 146 100
 148 65.4 50.8 76.2
 111 40.9 34.2 51.2

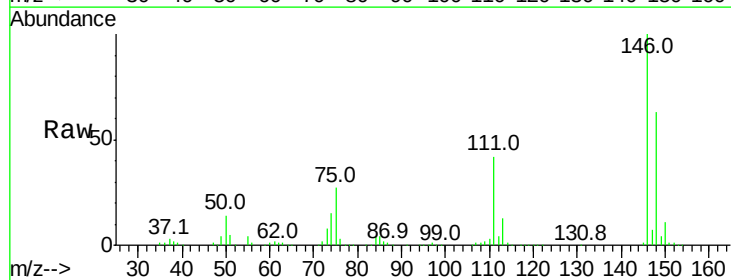


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

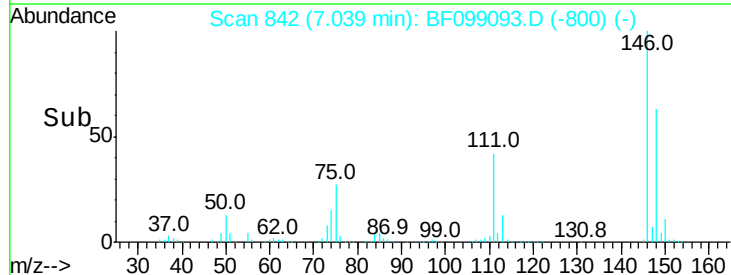
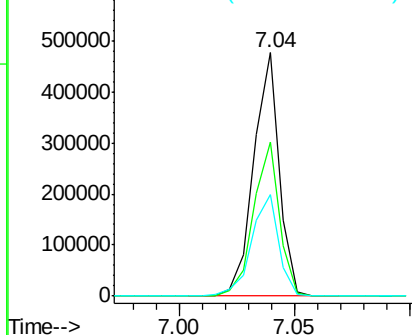


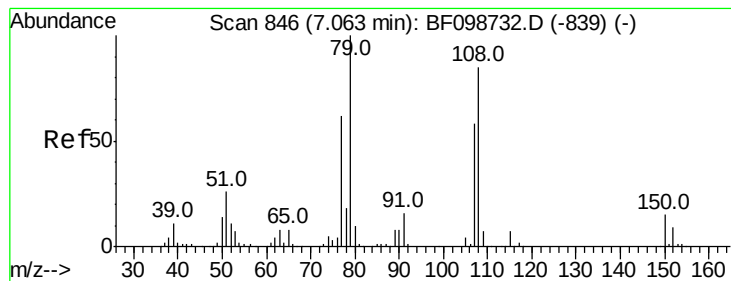
#14
 1,2-Dichlorobenzene
 Concen: 36.600 ng
 RT: 7.04 min Scan# 842
 Delta R.T. -0.05 min
 Lab File: BF099093.D
 Acq: 5 Oct 2017 9:45

Tgt Ion:146 Resp: 368369
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.6 75.8
 111 41.9 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: 37.721 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.05 min

Lab File: BF099093.D

Acq: 5 Oct 2017 9:45

Instrument :

BNA_F

ClientSampled :

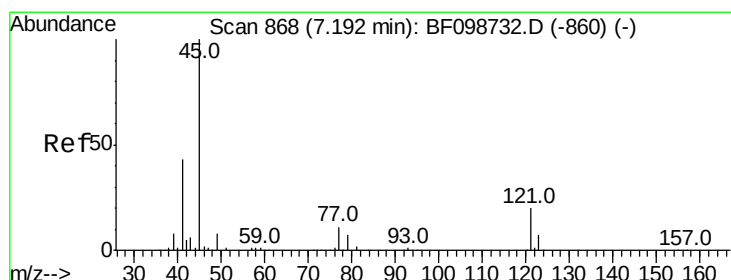
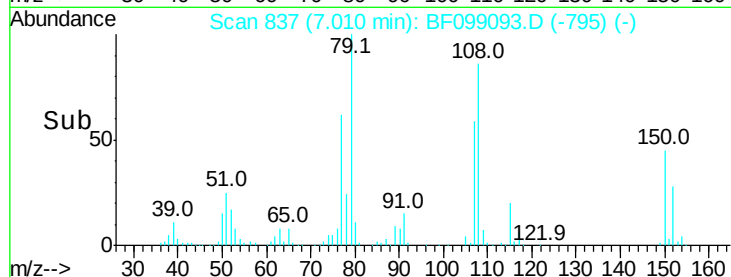
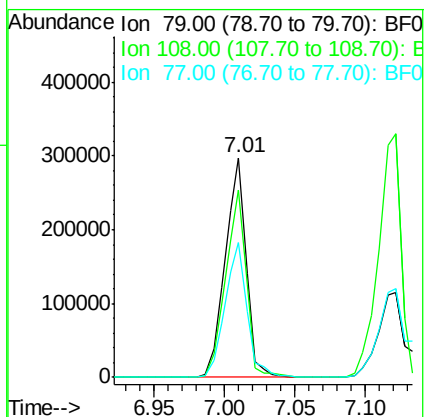
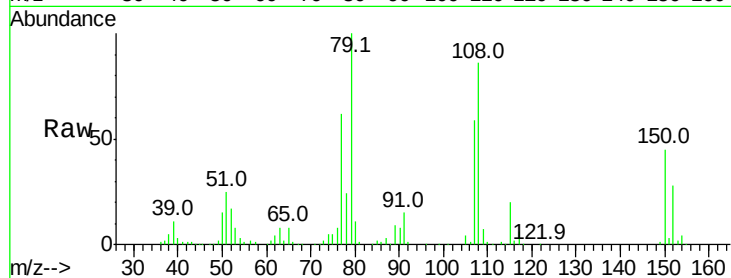
Tot Ion: 79 Resp: 308151

Ion Ratio Lower Upper

79 100

108 85.6 65.1 97.7

77 61.6 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.380 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.05 min

Lab File: BF099093.D

Acq: 5 Oct 2017 9:45

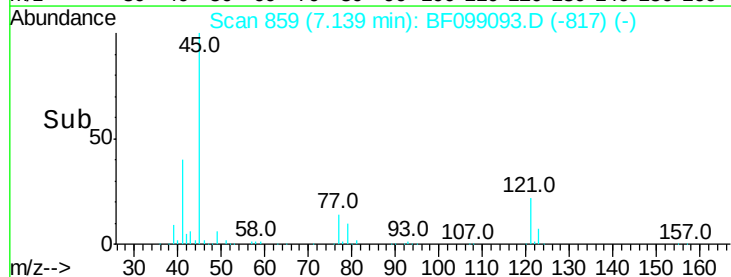
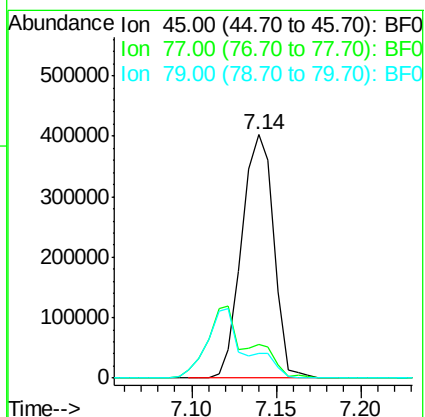
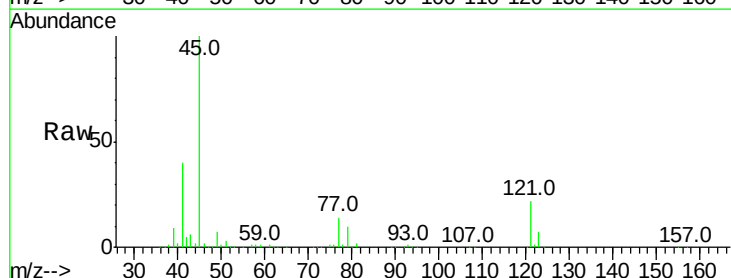
Tgt Ion: 45 Resp: 533677

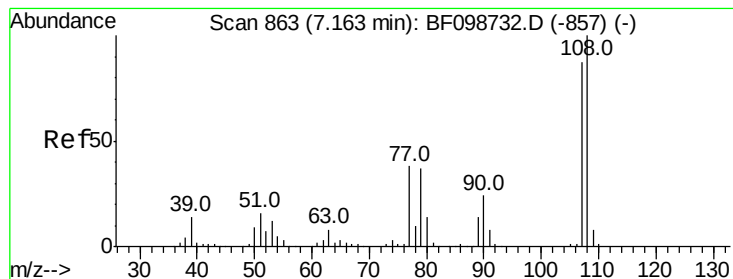
Ion Ratio Lower Upper

45 100

77 14.0 0.0 32.9

79 10.4 0.0 29.6





#17

2-Methylphenol

Concen: 38.263 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.04 min

Lab File: BF099093.D

Acq: 5 Oct 2017 9:45

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 320048

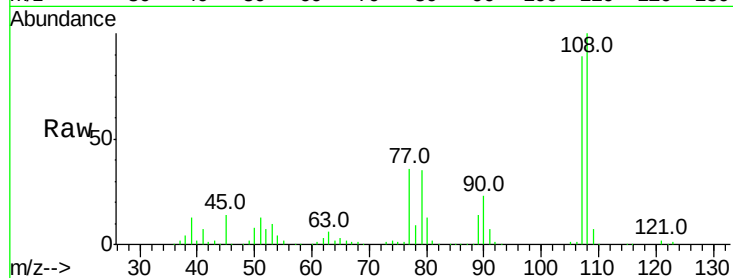
Ion Ratio Lower Upper

107 100

108 112.5 91.7 137.5

77 41.0 33.8 50.8

79 39.4 33.8 50.8

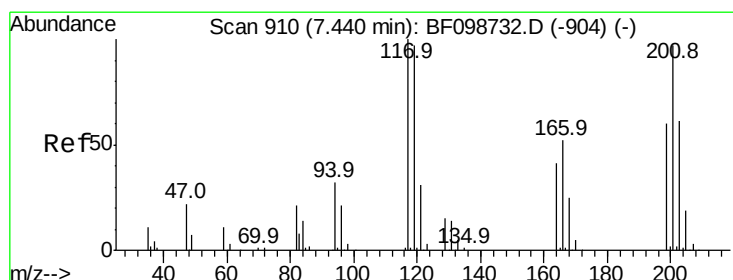
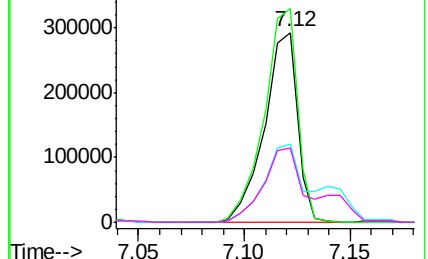
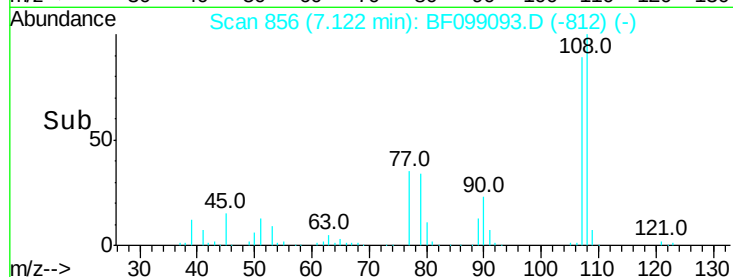


Abundance Ion 107.00 (106.70 to 107.70): E

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: 35.966 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.06 min

Lab File: BF099093.D

Acq: 5 Oct 2017 9:45

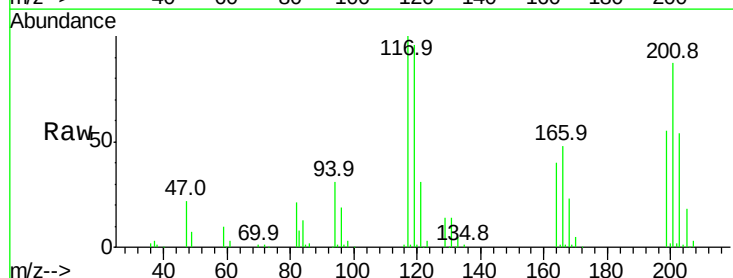
Tgt Ion:117 Resp: 140815

Ion Ratio Lower Upper

117 100

119 96.5 75.8 113.8

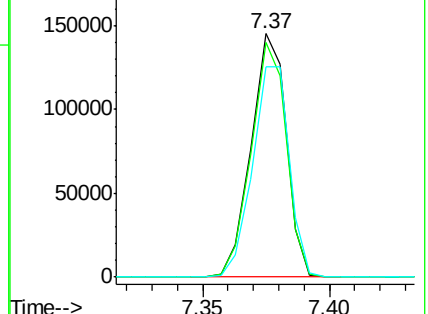
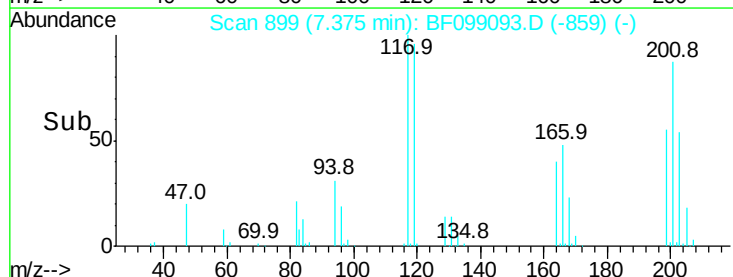
201 86.6 75.7 113.5

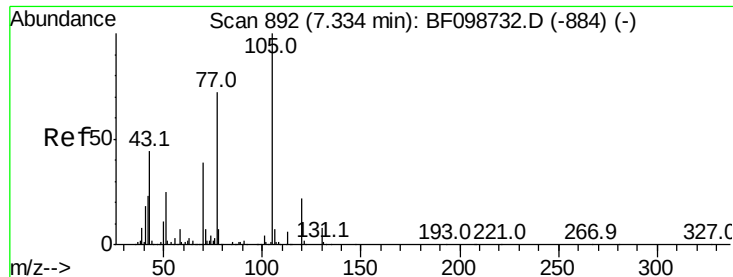


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

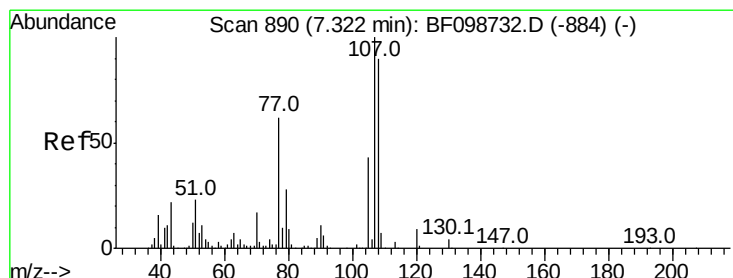
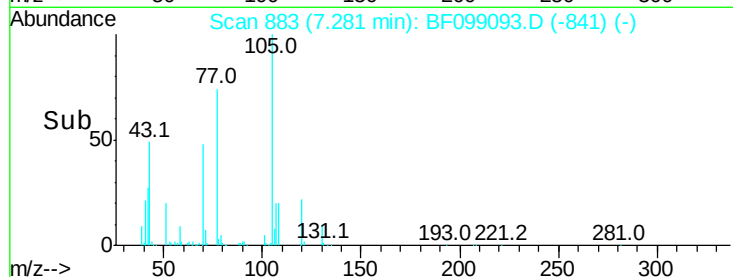
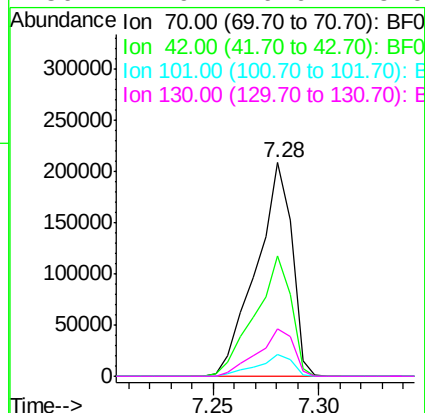
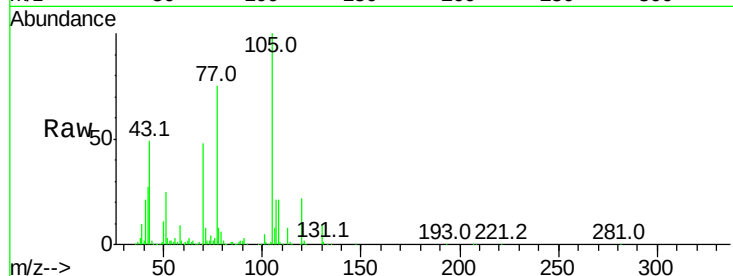




#19
n-Nitroso-di-n-propylamine
Concen: 34.553 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.05 min
Lab File: BF099093.D
Acq: 5 Oct 2017 9:45

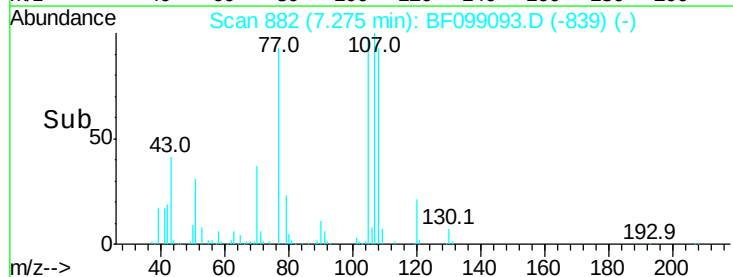
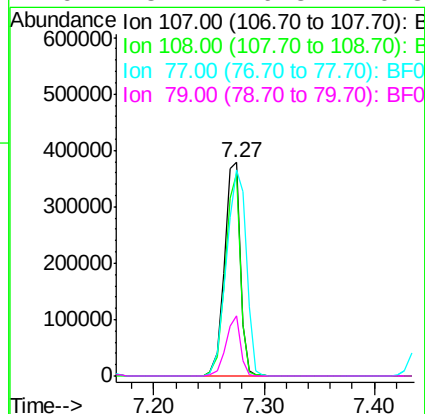
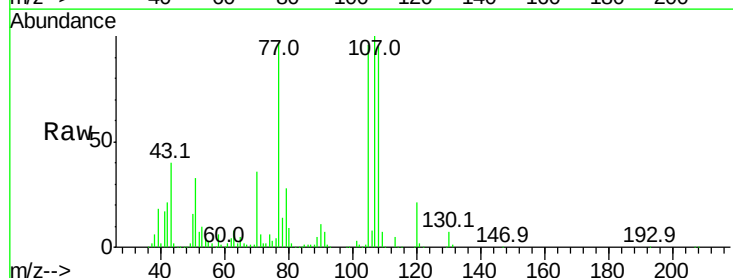
Instrument :
BNA_F
ClientSampleId :

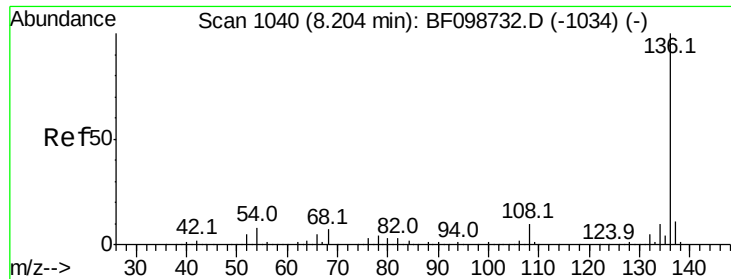
Tot Ion:	70	Resp:	245660
Ion	Ratio	Lower	Upper
70	100		
42	56.3	47.5	71.3
101	10.0	7.4	11.2
130	21.9	16.6	25.0



#20
3+4-Methylphenols
Concen: 36.228 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.05 min
Lab File: BF099093.D
Acq: 5 Oct 2017 9:45

Tgt Ion:	107	Resp:	383340
Ion	Ratio	Lower	Upper
107	100		
108	94.9	68.2	108.2
77	96.6	26.7	66.7#
79	28.1	6.3	46.3

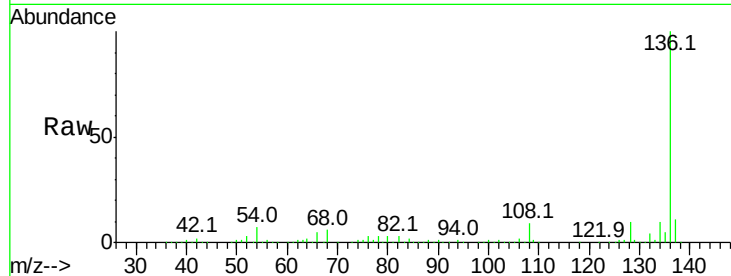




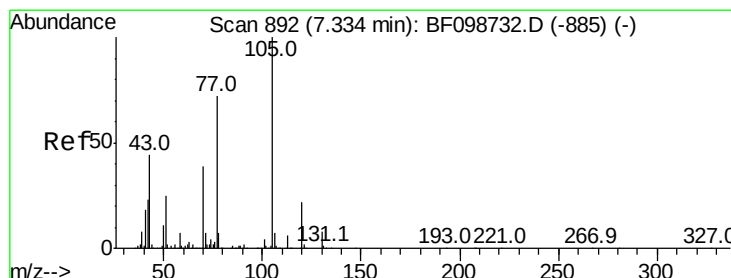
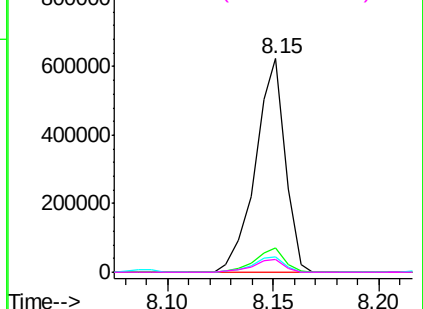
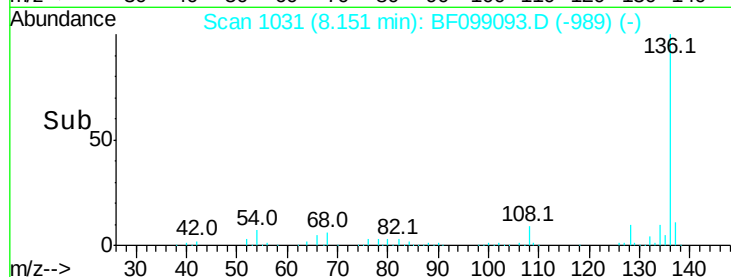
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.05 min
Lab File: BF099093.D
Acq: 5 Oct 2017 9:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 610665
Ion Ratio	Lower Upper
136 100	
137 11.2	8.9 13.3
54 7.3	6.6 9.8
68 5.8	5.0 7.4

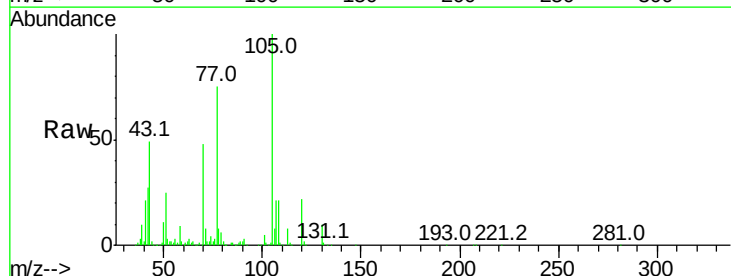


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

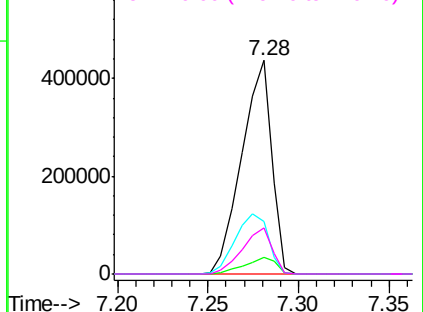
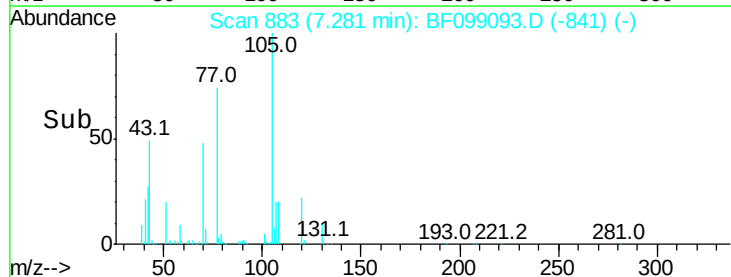


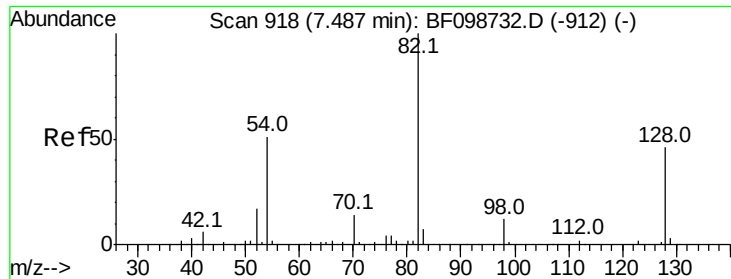
#22
Acetophenone
Concen: 33.952 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.05 min
Lab File: BF099093.D
Acq: 5 Oct 2017 9:45

Tgt Ion:105	Resp: 502331
Ion Ratio	Lower Upper
105 100	
71 7.8	4.4 6.6#
51 24.5	22.3 33.5
120 21.8	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

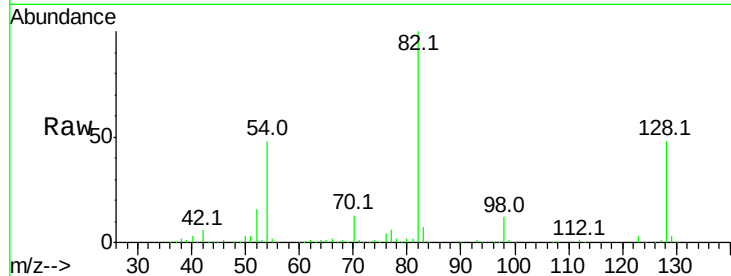




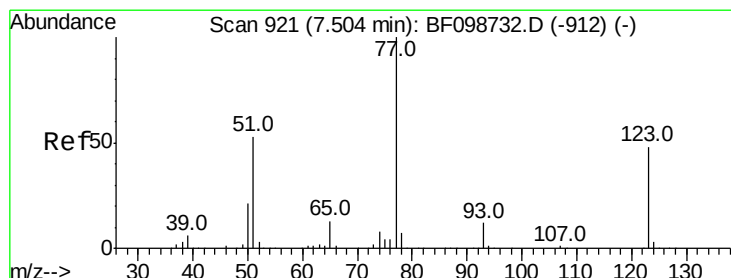
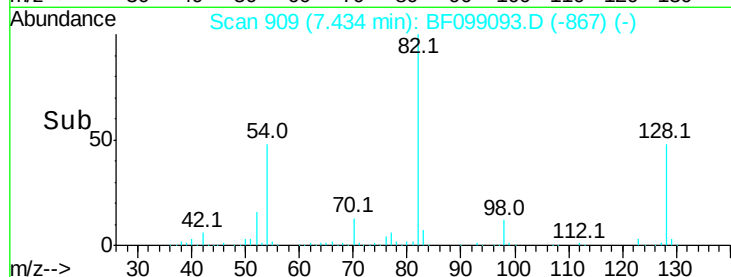
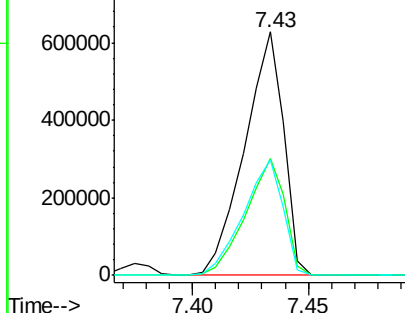
#23
Nitrobenzene-d5
Concen: 77.575 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.05 min
Lab File: BF099093.D
Acq: 5 Oct 2017 9:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.0	36.1	54.1
54	47.7	41.4	62.2

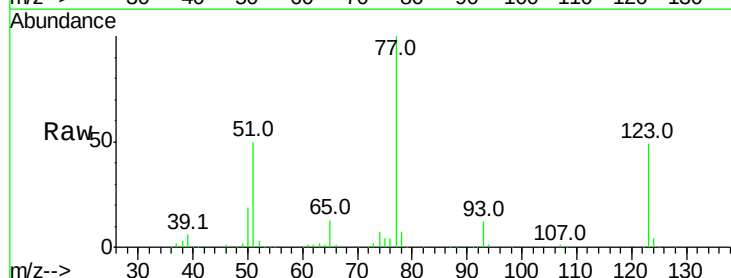


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

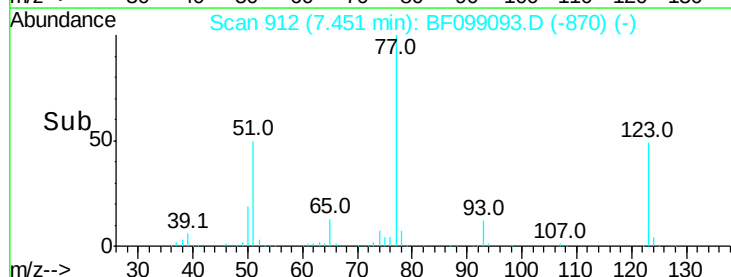
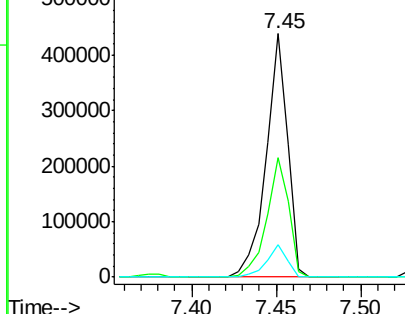


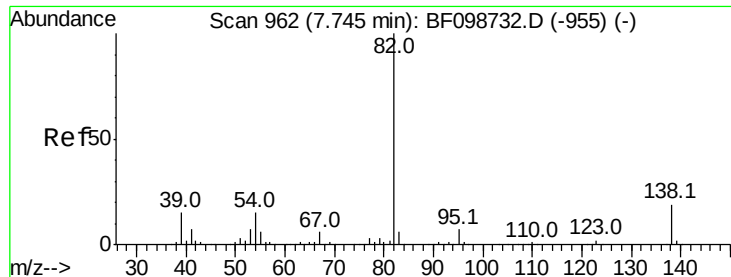
#24
Nitrobenzene
Concen: 35.453 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.05 min
Lab File: BF099093.D
Acq: 5 Oct 2017 9:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.1	37.9	56.9
65	13.3	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.233 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.05 min

Lab File: BF099093.D

Acq: 5 Oct 2017 9:45

Instrument :

BNA_F

ClientSampleId :

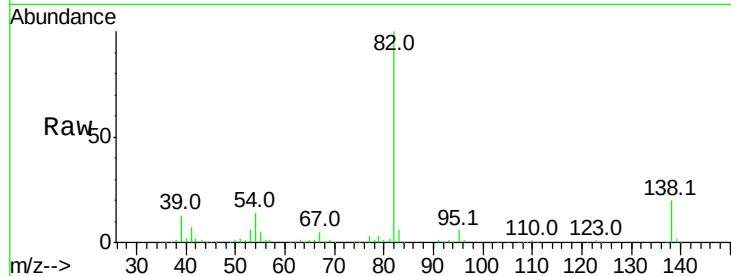
Tot Ion: 82 Resp: 733024

Ion Ratio Lower Upper

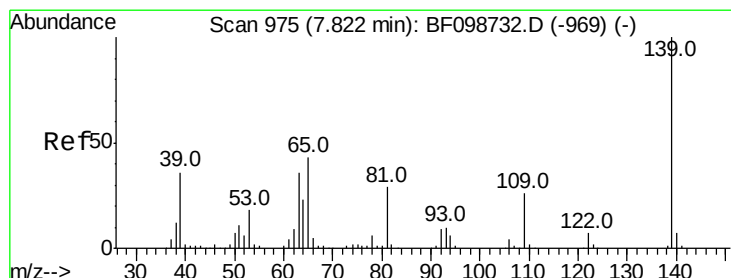
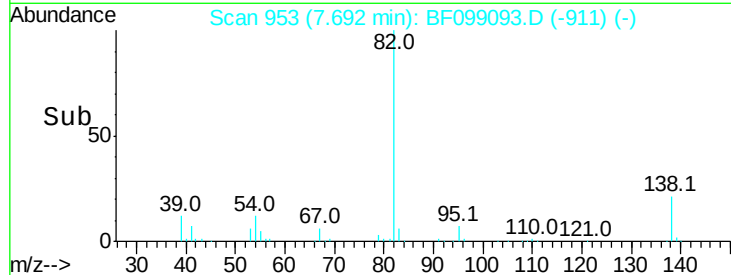
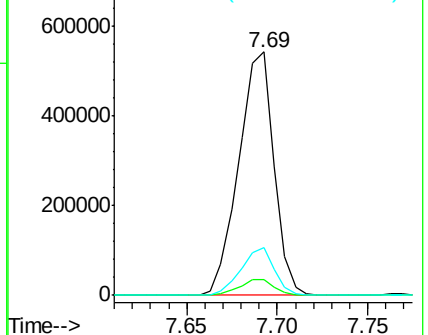
82 100

95 6.2 5.2 7.8

138 19.7 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 41.016 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.06 min

Lab File: BF099093.D

Acq: 5 Oct 2017 9:45

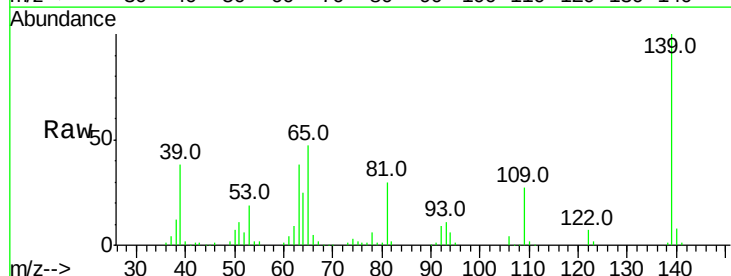
Tgt Ion: 139 Resp: 213051

Ion Ratio Lower Upper

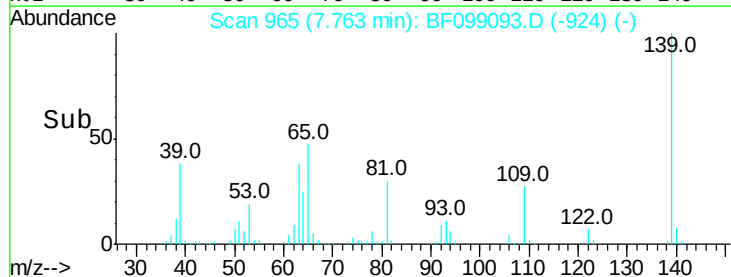
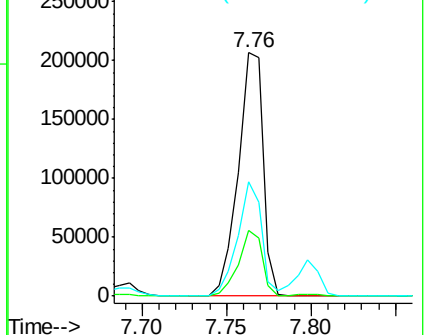
139 100

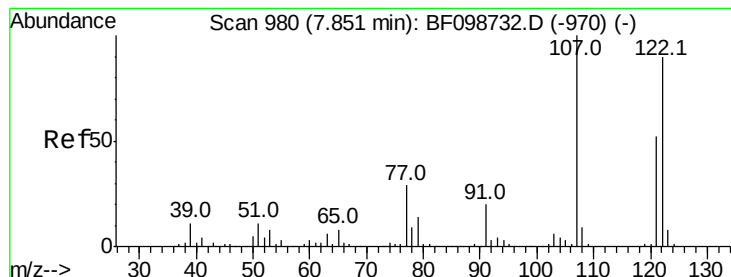
109 27.0 22.7 34.1

65 47.2 40.5 60.7



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 37.061 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.05 min

Lab File: BF099093.D

Acq: 5 Oct 2017 9:45

Instrument :

BNA_F

ClientSampleId :

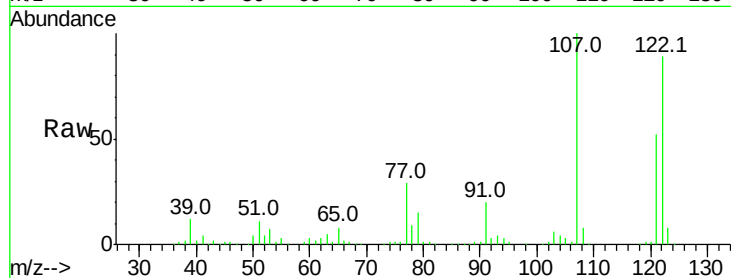
Tot Ion:122 Resp: 363548

Ion Ratio Lower Upper

122 100

107 112.5 91.2 136.8

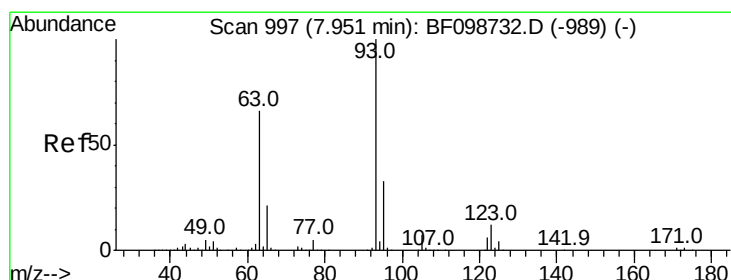
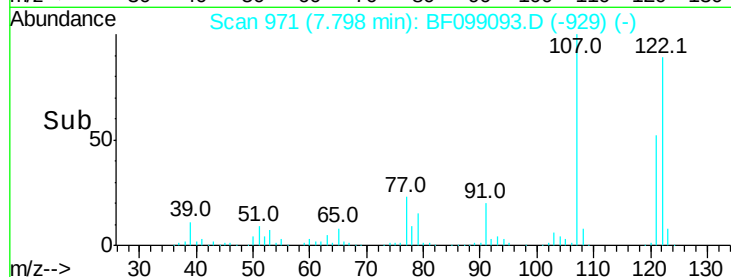
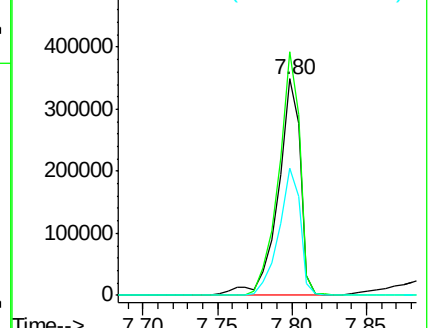
121 58.9 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.628 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.05 min

Lab File: BF099093.D

Acq: 5 Oct 2017 9:45

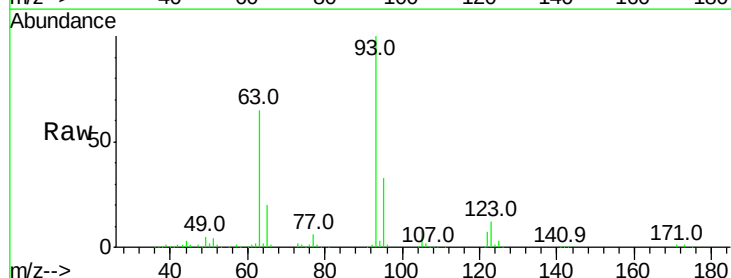
Tgt Ion: 93 Resp: 461656

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

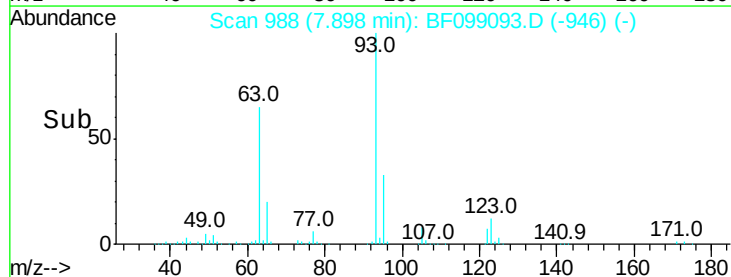
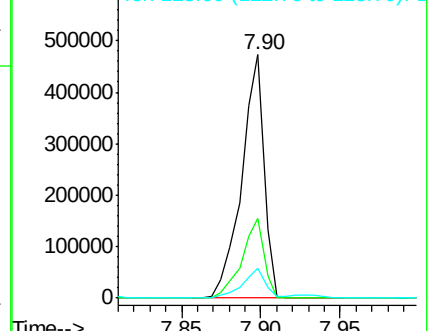
123 12.1 9.8 14.6

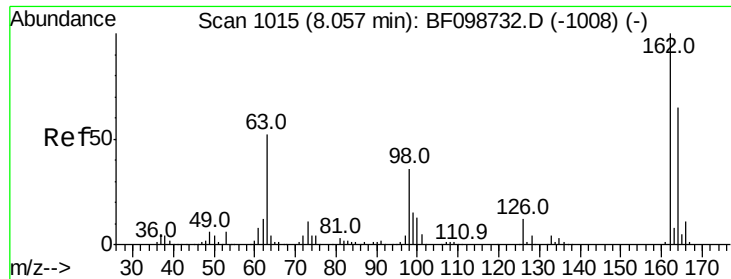


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

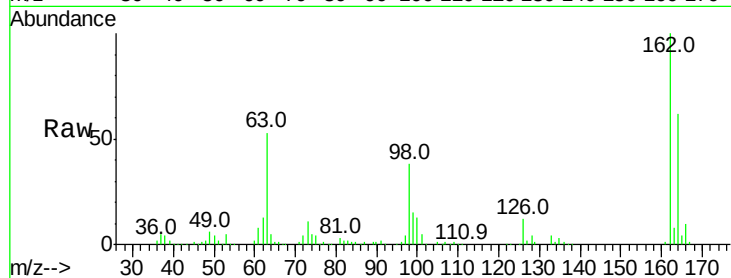




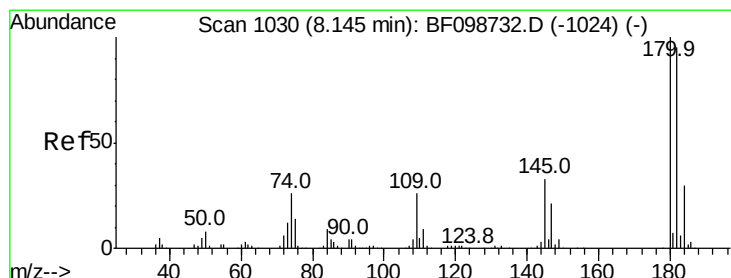
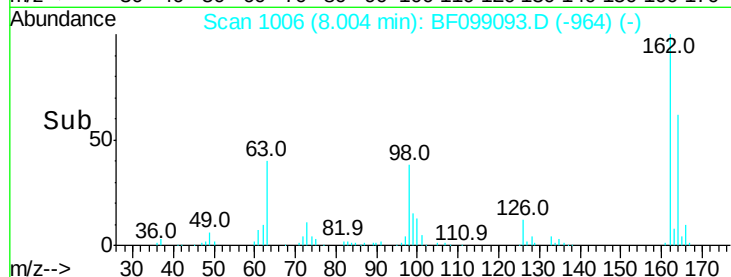
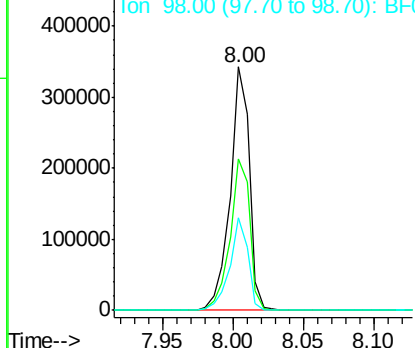
#29
 2,4-Dichlorophenol
 Concen: 38.371 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.05 min
 Lab File: BF099093.D
 Acq: 5 Oct 2017 9:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	42.7	82.7
98	38.1	18.1	58.1

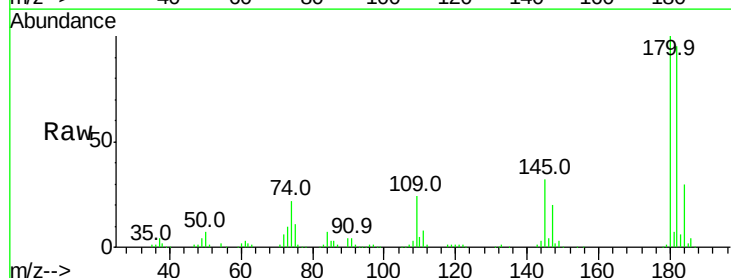


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

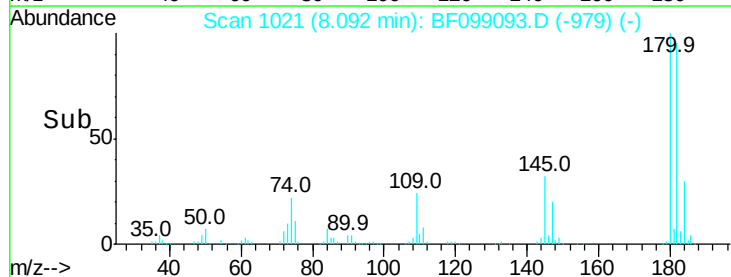
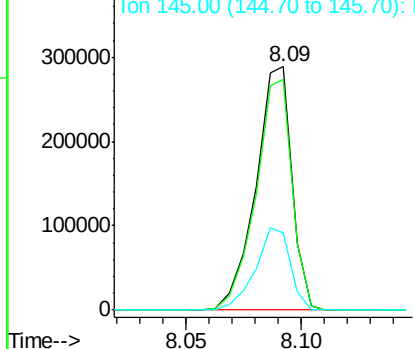


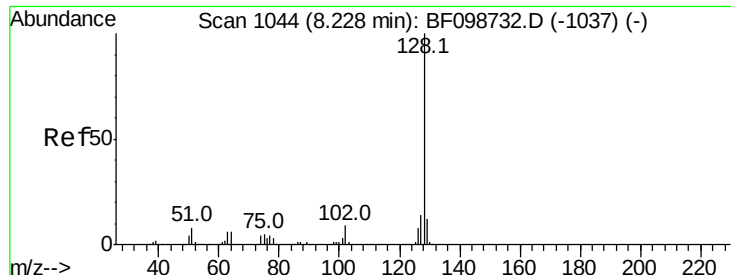
#30
 1,2,4-Trichlorobenzene
 Concen: 37.269 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.05 min
 Lab File: BF099093.D
 Acq: 5 Oct 2017 9:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.8	115.2
145	31.6	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

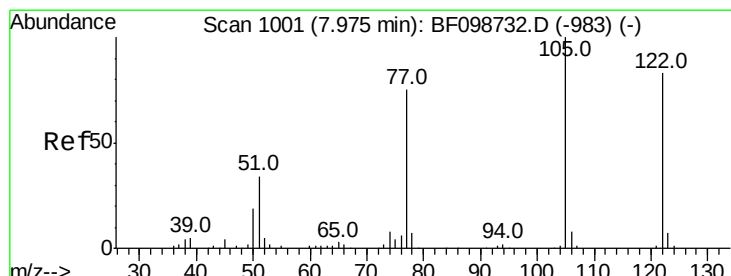
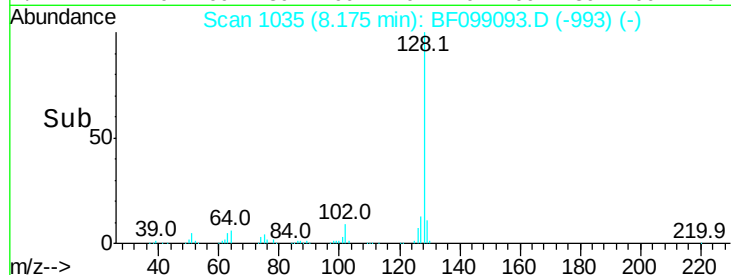
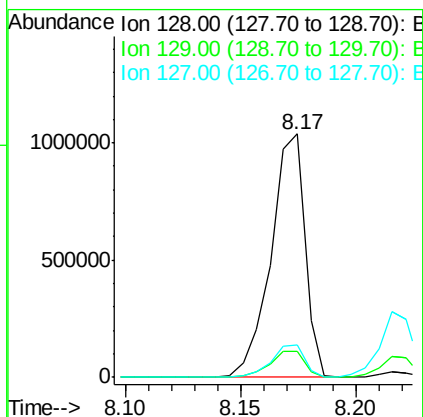
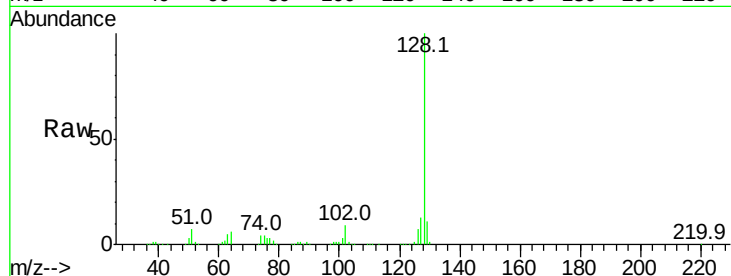




#31
Naphthalene
Concen: 37.080 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.05 min
Lab File: BF099093.D
Acq: 5 Oct 2017 9:45

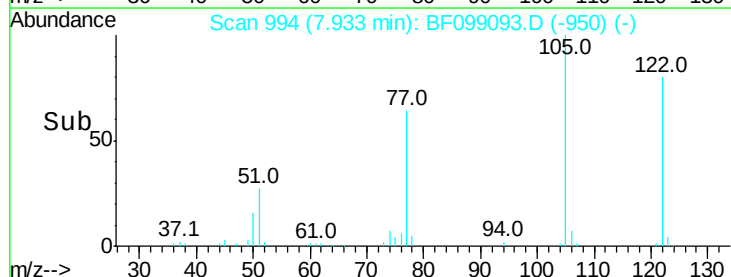
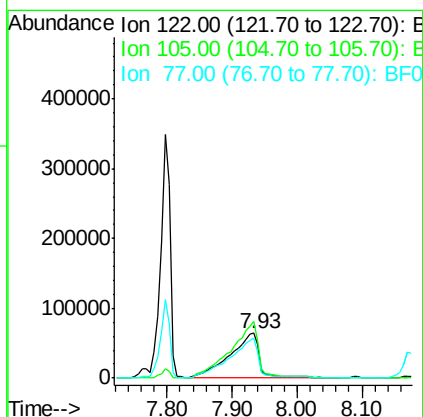
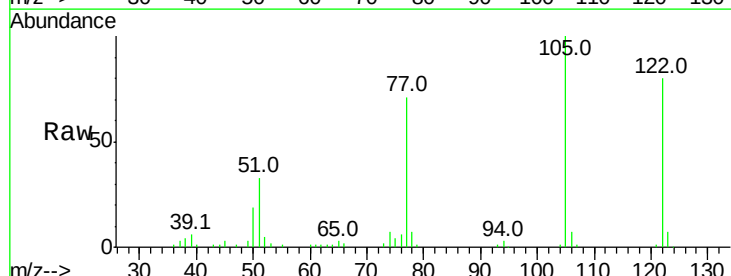
Instrument :
BNA_F
ClientSampled :

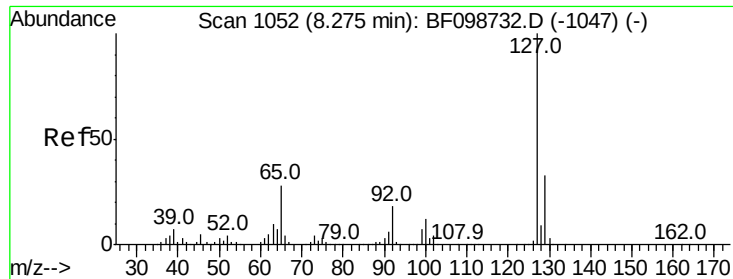
Tot Ion:128 Resp: 1063483
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.5 10.9 16.3



#32
Benzoic acid
Concen: 25.074 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.04 min
Lab File: BF099093.D
Acq: 5 Oct 2017 9:45

Tgt Ion:122 Resp: 202039
Ion Ratio Lower Upper
122 100
105 125.4 101.1 141.1
77 88.8 70.7 110.7

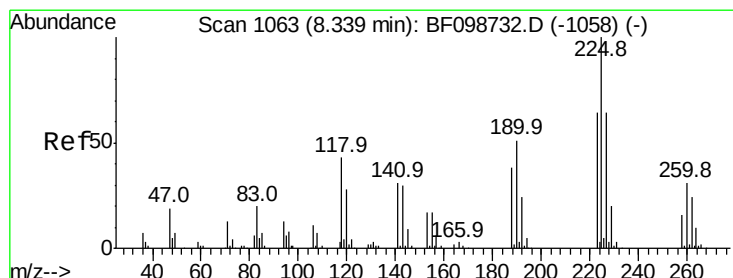
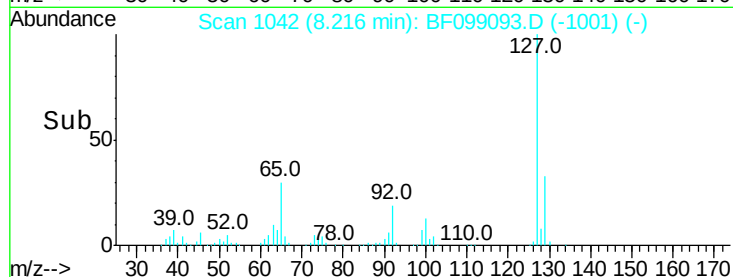
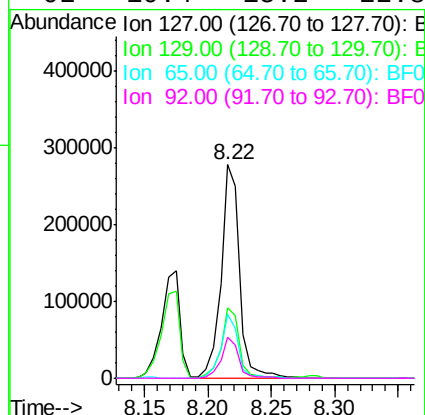
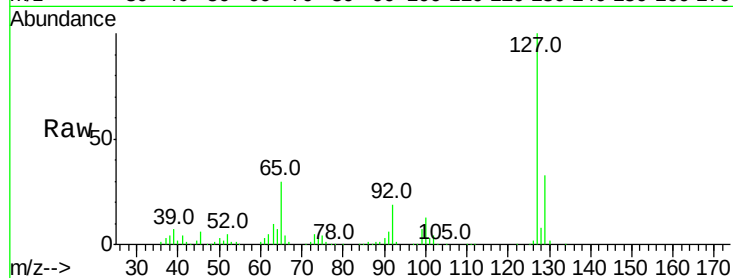




#33
 4-Chloroaniline
 Concen: 23.941 ng
 RT: 8.22 min Scan# 1042
 Delta R.T. -0.06 min
 Lab File: BF099093.D
 Acq: 5 Oct 2017 9:45

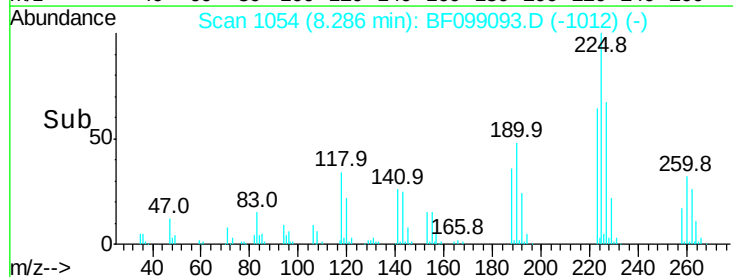
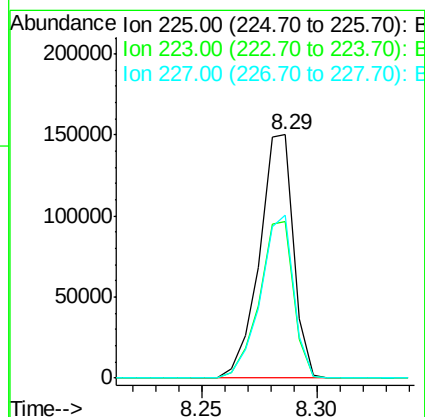
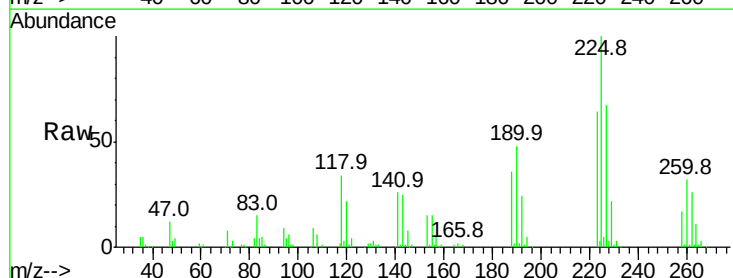
Instrument :
 BNA_F
 ClientSampleId :

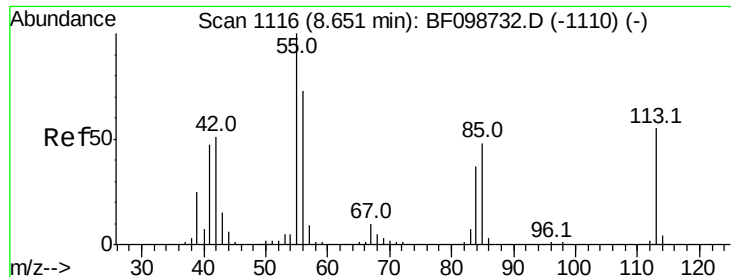
Tot Ion:	127	Resp:	286737
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	29.7	25.0	37.4
92	19.4	15.2	22.8



#34
 Hexachlorobutadiene
 Concen: 35.588 ng
 RT: 8.29 min Scan# 1054
 Delta R.T. -0.05 min
 Lab File: BF099093.D
 Acq: 5 Oct 2017 9:45

Tgt Ion:	225	Resp:	154406
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.6	76.0
227	67.0	51.9	77.9





#35

Caprolactam

Concen: 20.797 ng

RT: 8.60 min Scan# 1107

Delta R.T. -0.05 min

Lab File: BF099093.D

Acq: 5 Oct 2017 9:45

Instrument :

BNA_F

ClientSampled :

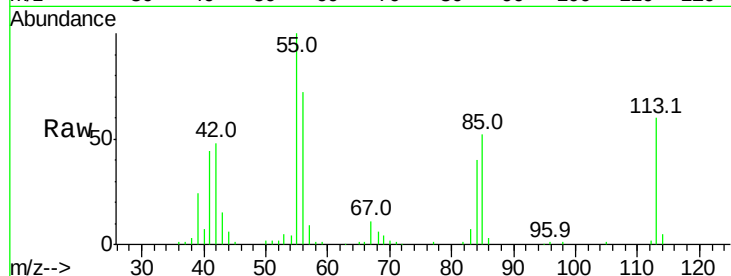
Tot Ion:113 Resp: 56186

Ion Ratio Lower Upper

113 100

55 168.0 163.3 203.3

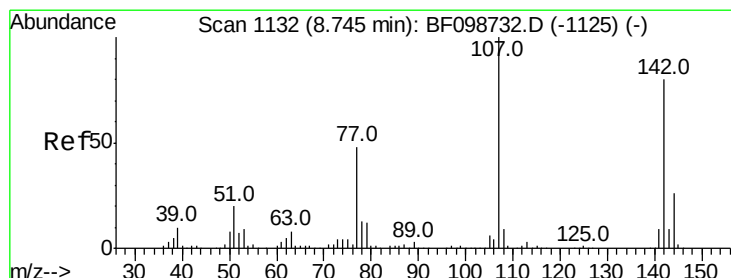
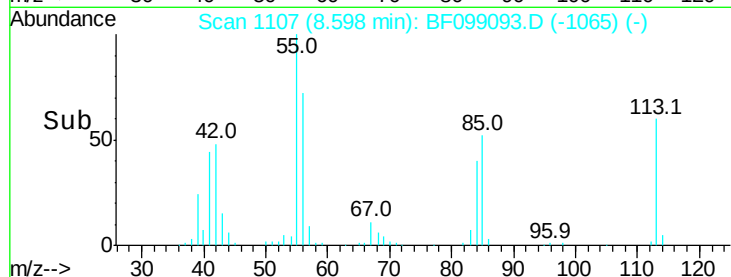
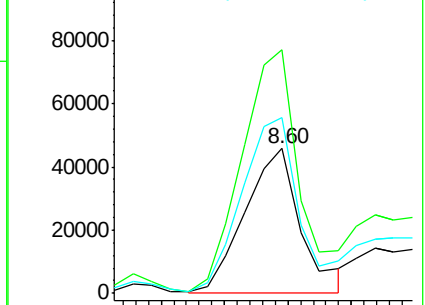
56 121.3 115.7 155.7



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: 36.475 ng

RT: 8.70 min Scan# 1125

Delta R.T. -0.04 min

Lab File: BF099093.D

Acq: 5 Oct 2017 9:45

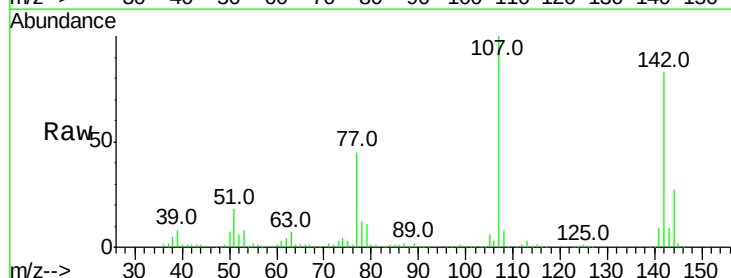
Tgt Ion:107 Resp: 345295

Ion Ratio Lower Upper

107 100

144 27.2 20.5 30.7

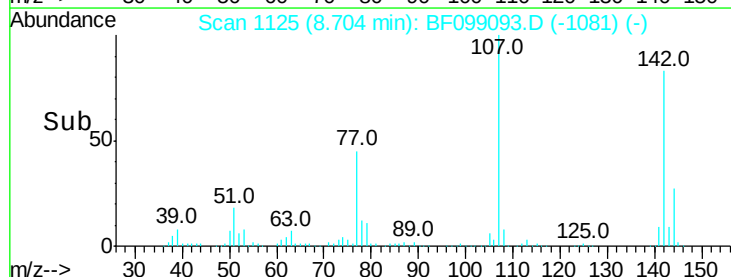
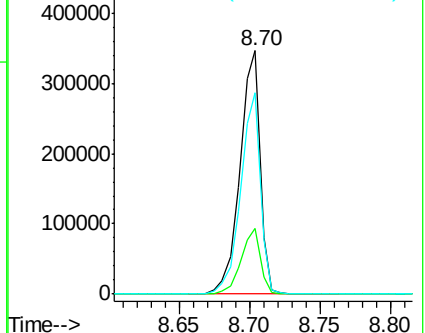
142 82.8 62.0 93.0

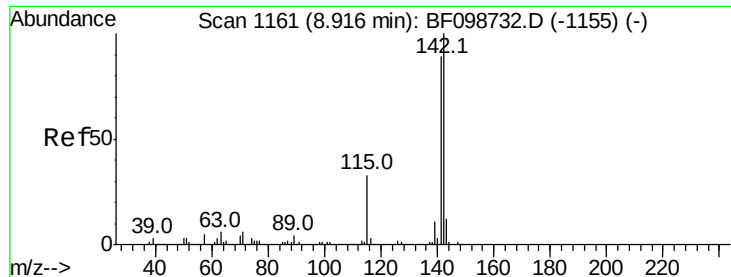


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

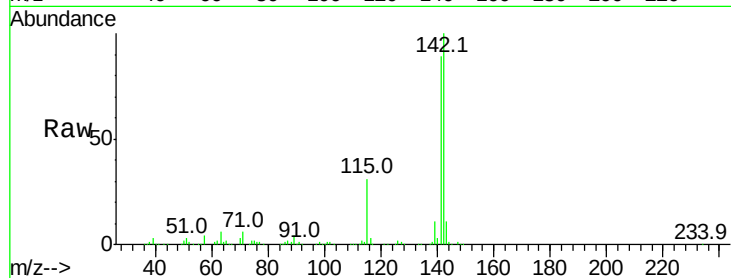




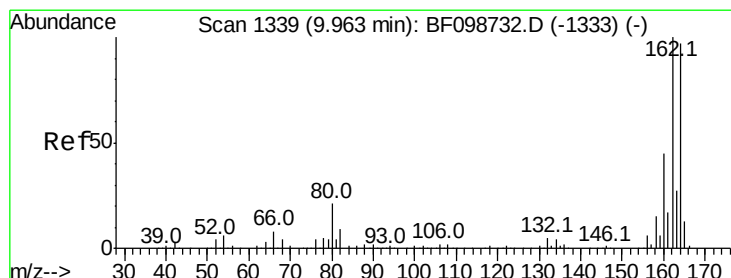
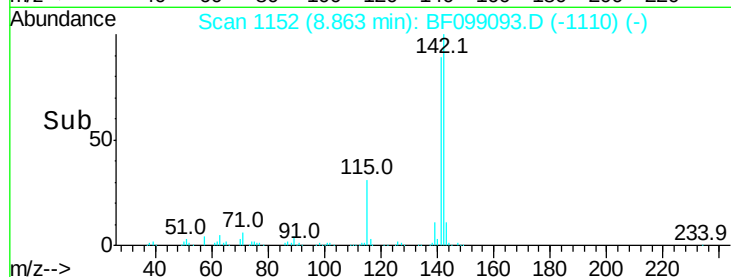
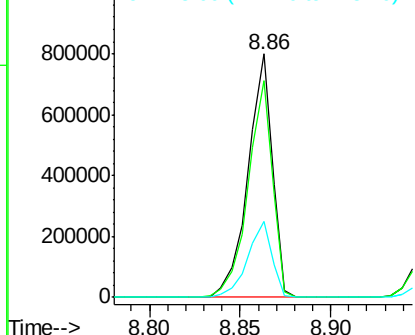
#37
2-Methylnaphthalene
Concen: 39.974 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.05 min
Lab File: BF099093.D
Acq: 5 Oct 2017 9:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 745308
Ion Ratio Lower Upper
142 100
141 89.1 70.8 106.2
115 31.0 26.1 39.1

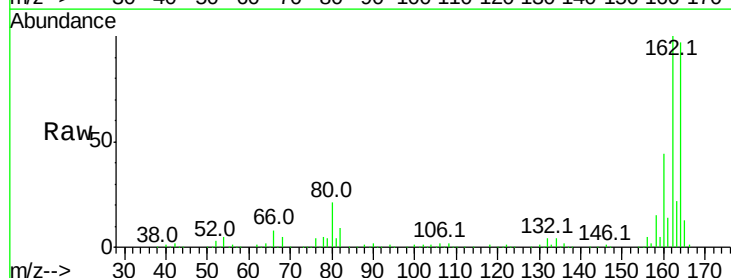


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

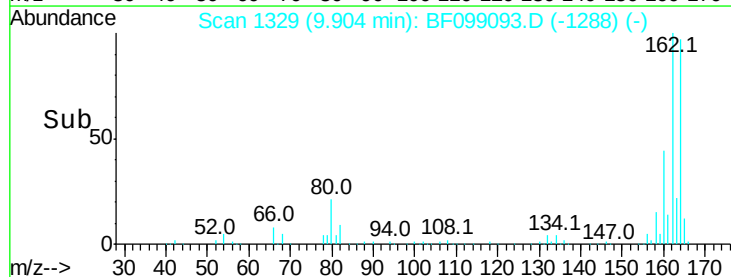
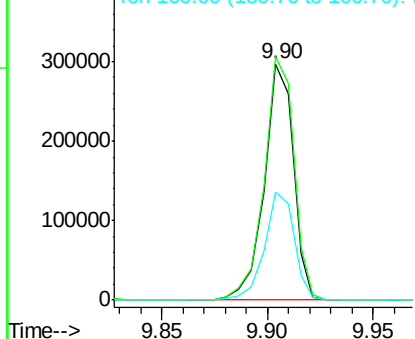


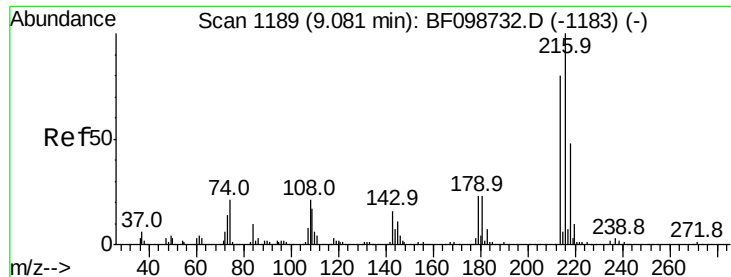
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.06 min
Lab File: BF099093.D
Acq: 5 Oct 2017 9:45

Tgt Ion:164 Resp: 286603
Ion Ratio Lower Upper
164 100
162 103.1 86.1 129.1
160 45.7 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

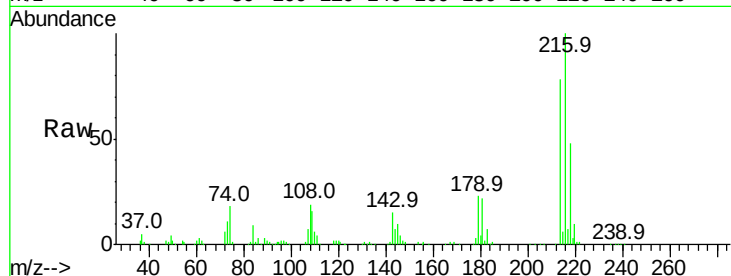




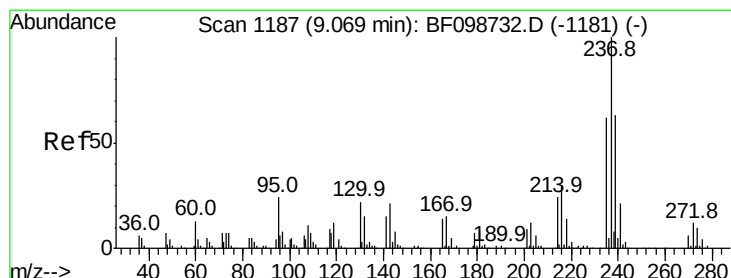
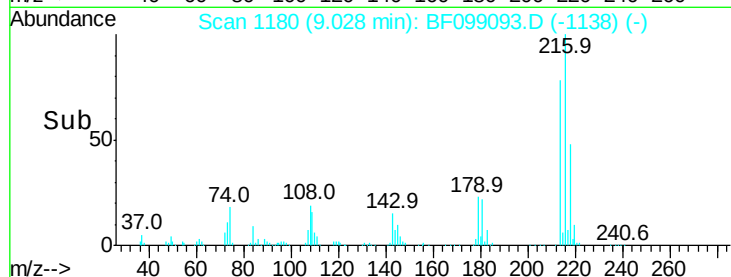
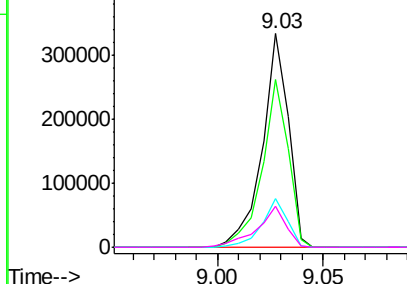
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.684 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.05 min
 Lab File: BF099093.D
 Acq: 5 Oct 2017 9:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	287905
Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.0	94.4
179	22.4	18.1	27.1
108	21.7	17.2	25.8

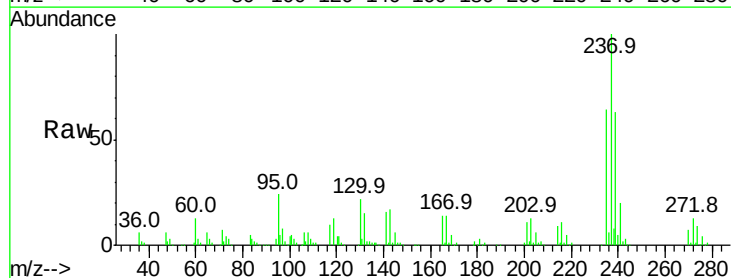


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

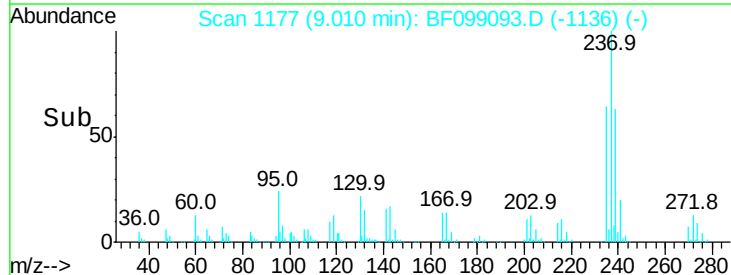
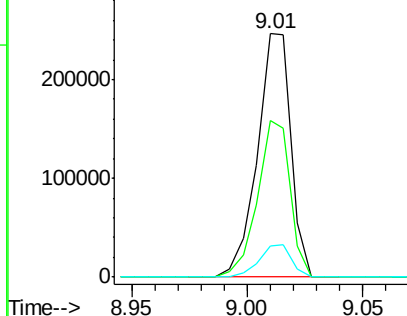


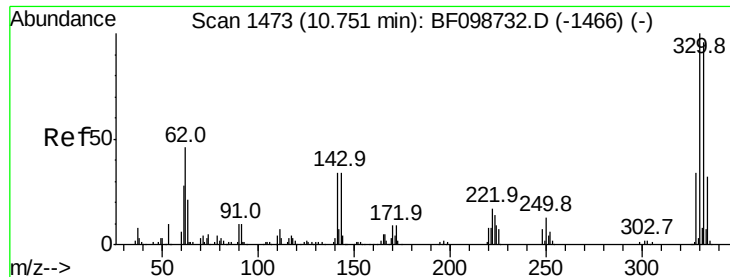
#40
 Hexachlorocyclopentadiene
 Concen: 64.108 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.06 min
 Lab File: BF099093.D
 Acq: 5 Oct 2017 9:45

Tgt Ion:	237	Resp:	250414
Ion	Ratio	Lower	Upper
237	100		
235	64.5	44.8	84.8
272	12.7	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 114.152 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.05 min

Lab File: BF099093.D

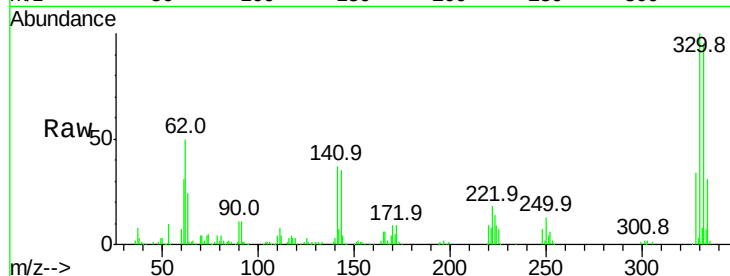
Acq: 5 Oct 2017 9:45

Instrument :

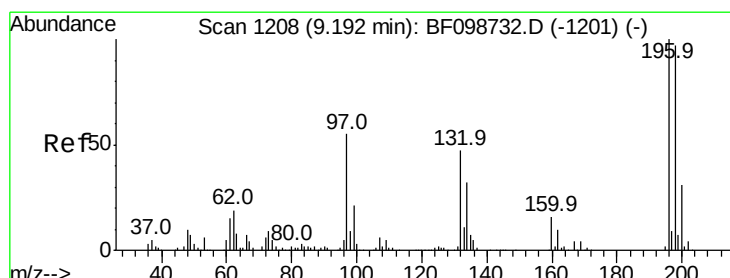
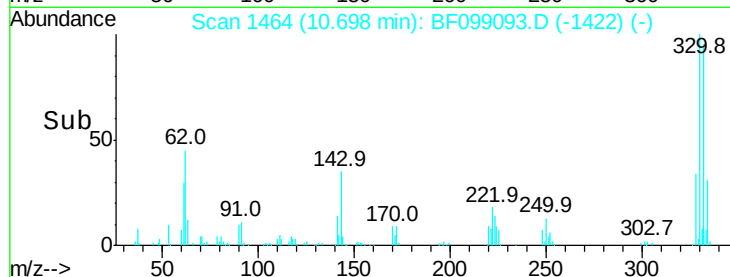
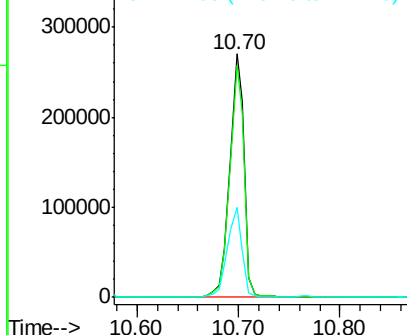
BNA_F

ClientSampled :

Tot Ion:	330	Resp:	267707
Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	37.7	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: 34.859 ng

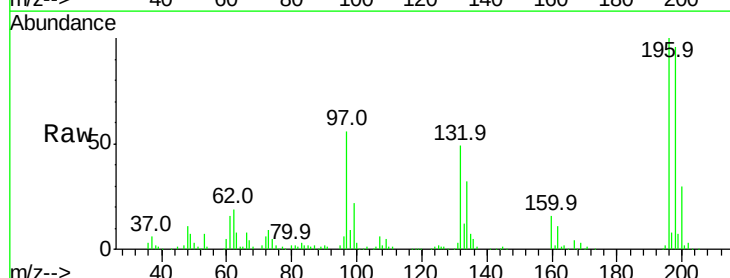
RT: 9.14 min Scan# 1199

Delta R.T. -0.05 min

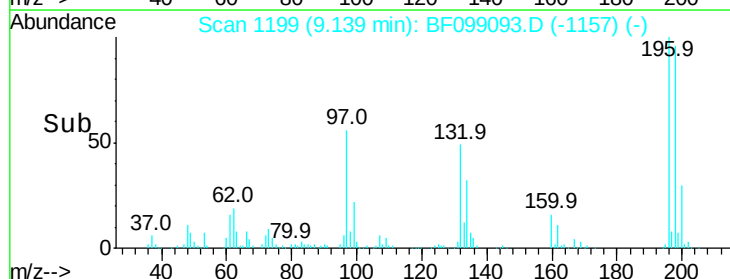
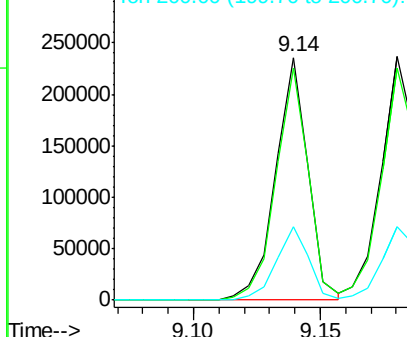
Lab File: BF099093.D

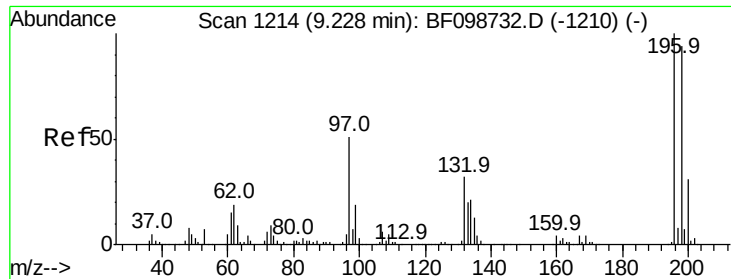
Acq: 5 Oct 2017 9:45

Tgt Ion:	196	Resp:	211078
Ion	Ratio	Lower	Upper
196	100		
198	95.7	75.7	113.5
200	30.2	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

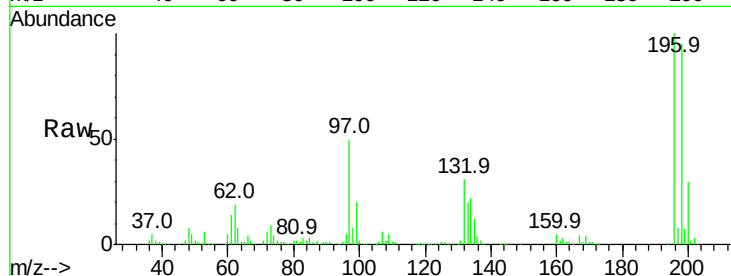




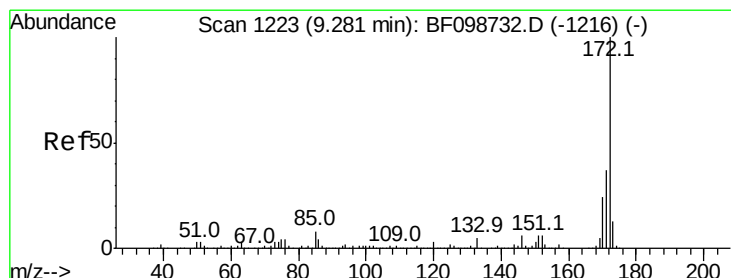
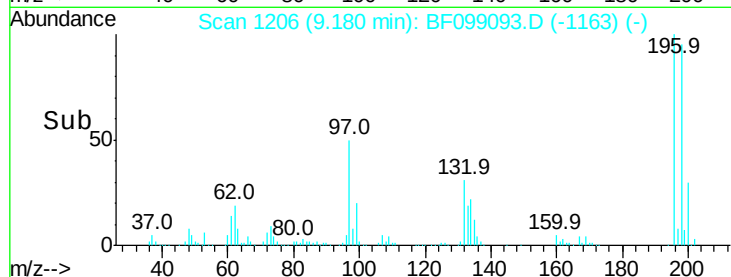
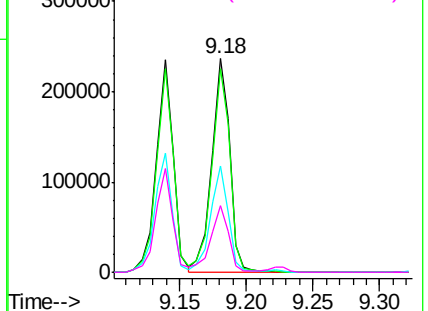
#43
2,4,5-Trichlorophenol
Concen: 37.261 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.05 min
Lab File: BF099093.D
Acq: 5 Oct 2017 9:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:196 Resp: 225230
Ion Ratio Lower Upper
196 100
198 95.3 74.6 112.0
97 49.8 42.9 64.3
132 31.2 26.3 39.5

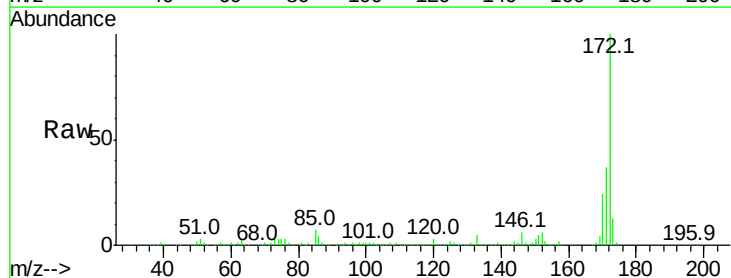


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

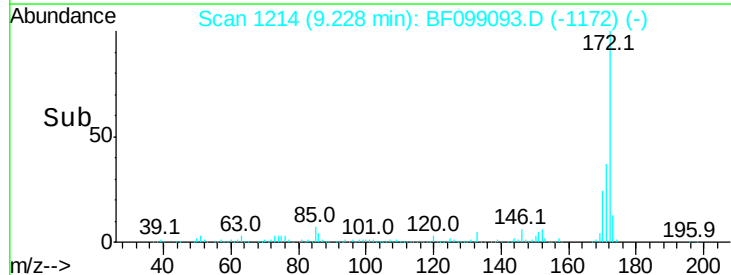
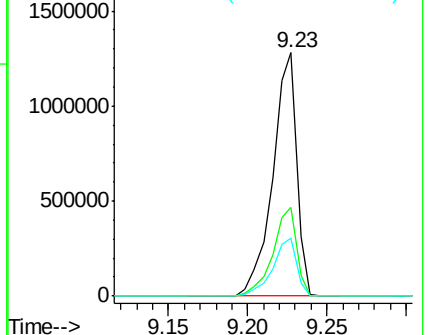


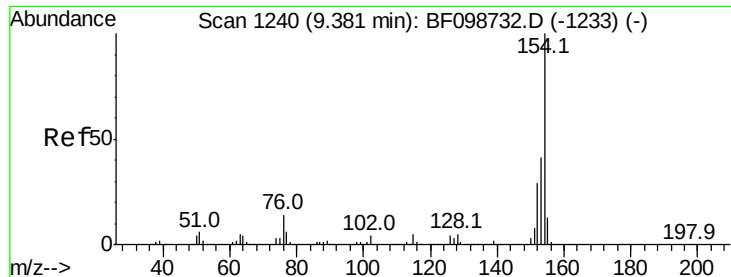
#44
2-Fluorobiphenyl
Concen: 78.577 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.05 min
Lab File: BF099093.D
Acq: 5 Oct 2017 9:45

Tgt Ion:172 Resp: 1348992
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.0 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: 35.058 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.05 min

Lab File: BF099093.D

Acq: 5 Oct 2017 9:45

Instrument :

BNA_F

ClientSampleId :

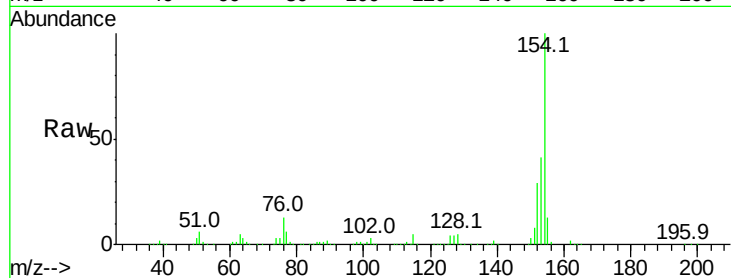
Tot Ion:154 Resp: 863537

Ion Ratio Lower Upper

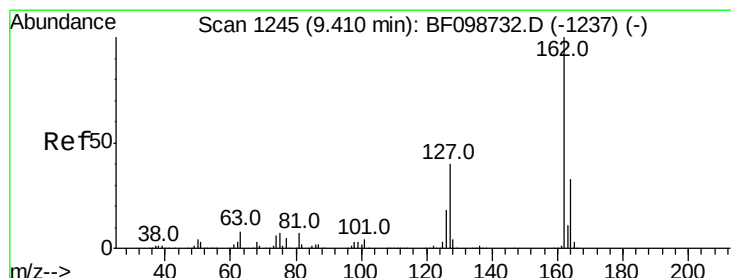
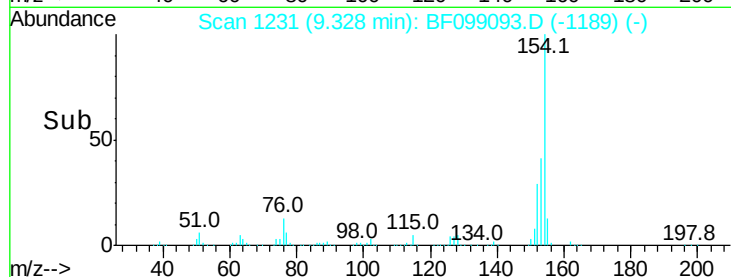
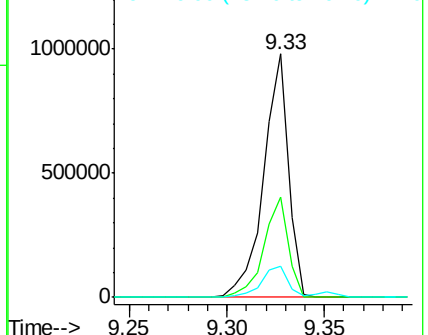
154 100

153 41.1 21.3 61.3

76 13.0 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: 36.539 ng

RT: 9.35 min Scan# 1235

Delta R.T. -0.06 min

Lab File: BF099093.D

Acq: 5 Oct 2017 9:45

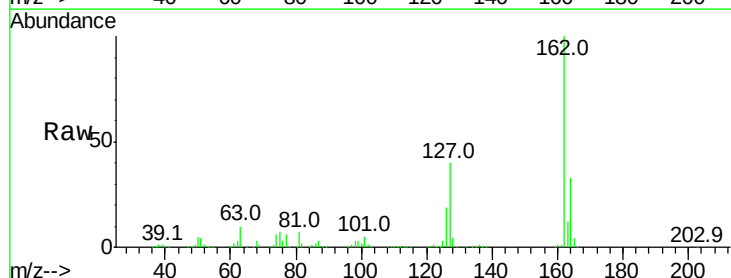
Tgt Ion:162 Resp: 675765

Ion Ratio Lower Upper

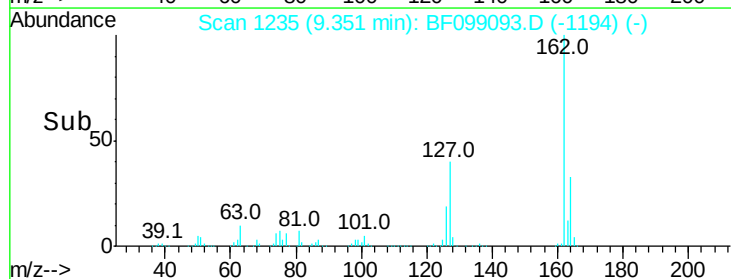
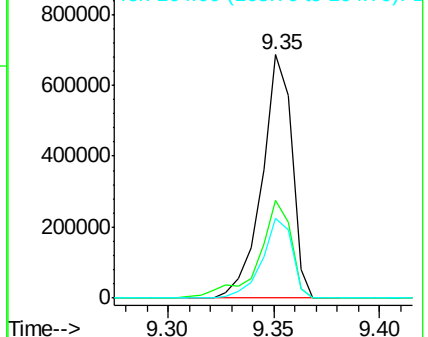
162 100

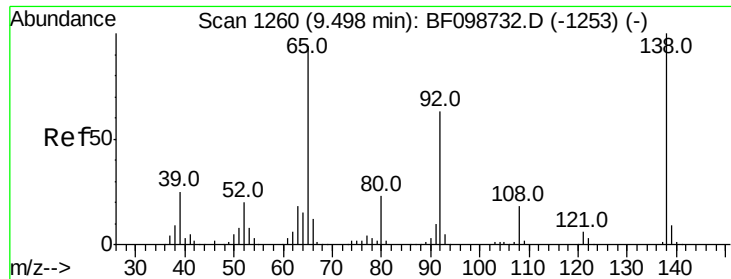
127 40.3 33.9 50.9

164 33.0 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

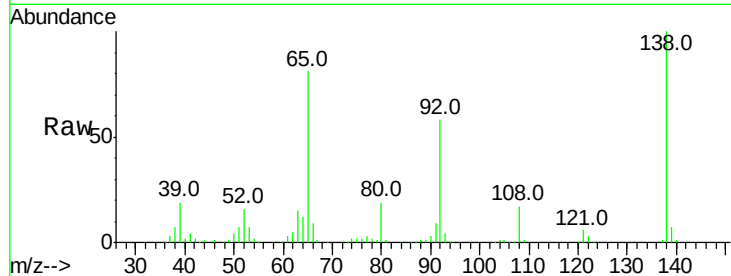




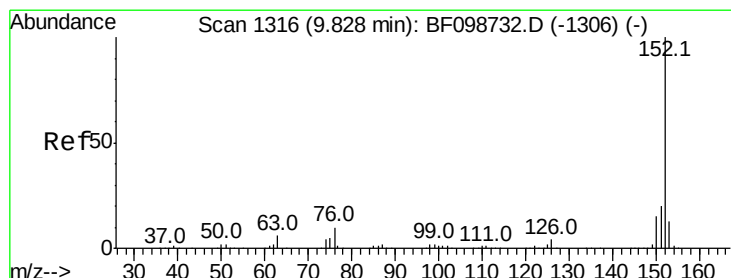
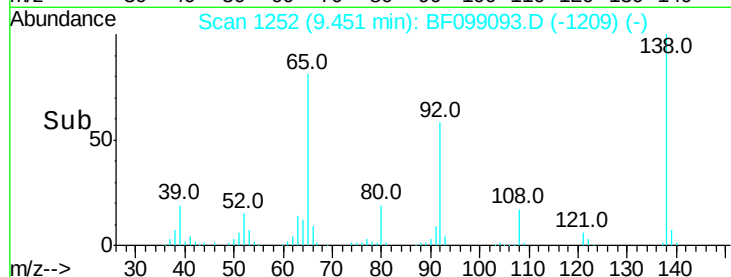
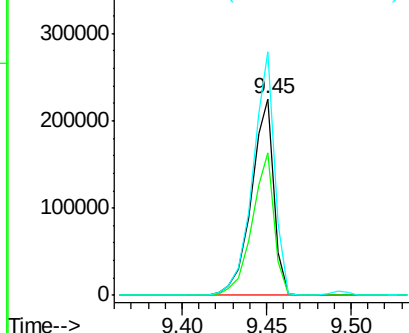
#47
2-Nitroaniline
Concen: 37.245 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.05 min
Lab File: BF099093.D
Acq: 5 Oct 2017 9:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 210917
Ion Ratio Lower Upper
65 100
92 72.3 55.8 83.6
138 123.8 91.2 136.8

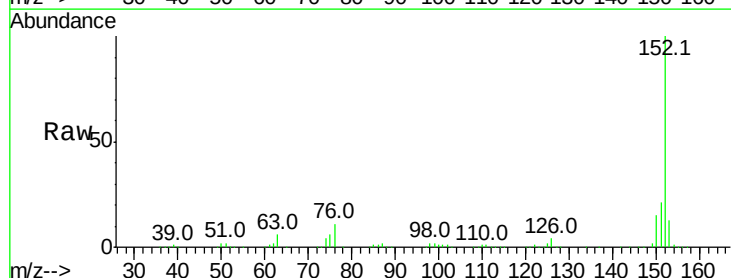


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

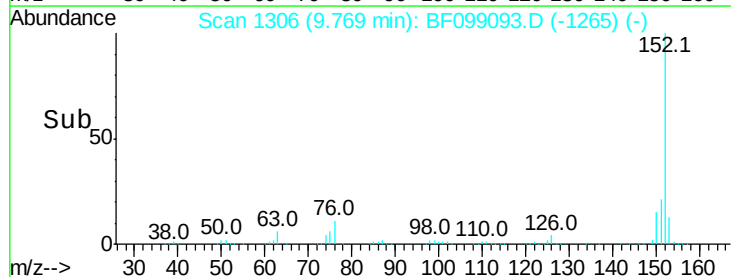
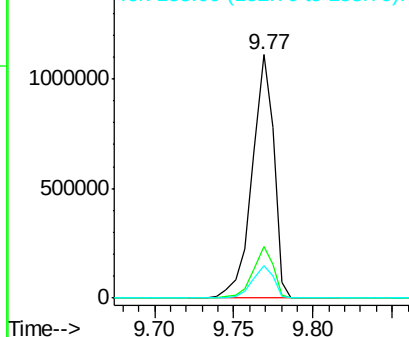


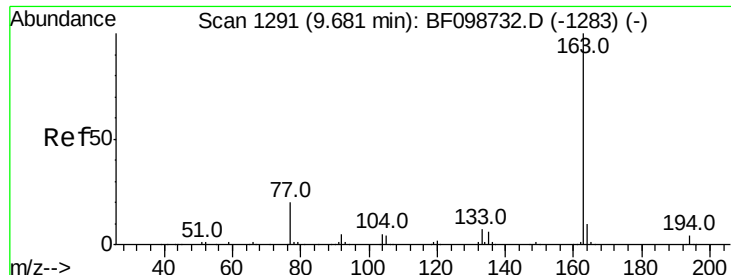
#48
Acenaphthylene
Concen: 37.055 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.06 min
Lab File: BF099093.D
Acq: 5 Oct 2017 9:45

Tgt Ion:152 Resp: 1049084
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 13.5 10.7 16.1



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

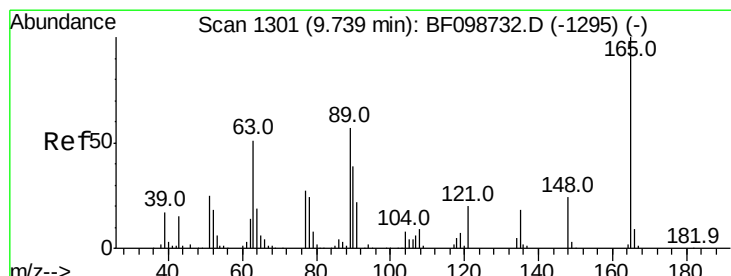
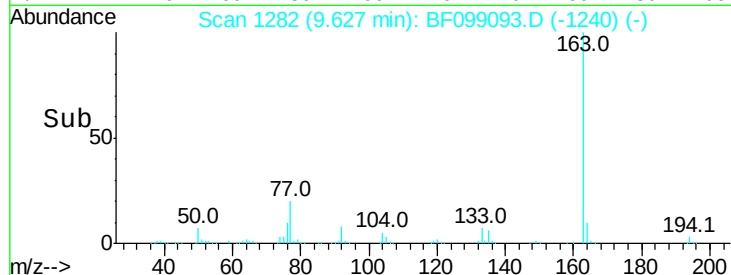
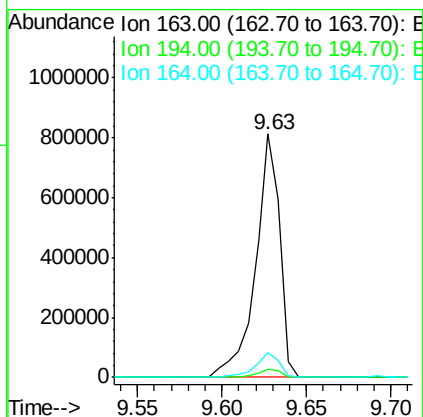
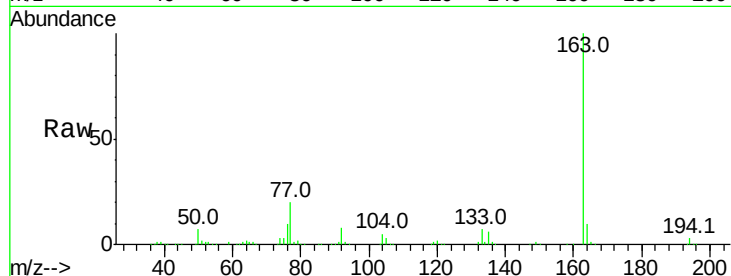




#49
Dimethylphthalate
Concen: 37.184 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.05 min
Lab File: BF099093.D
Acq: 5 Oct 2017 9:45

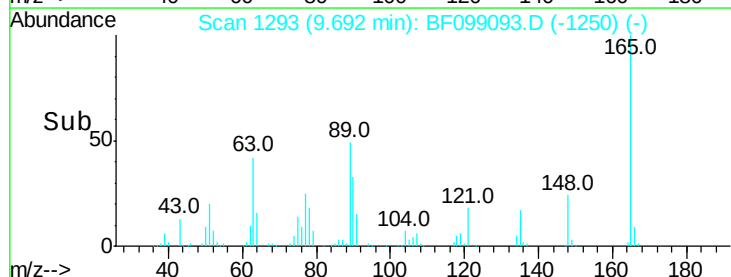
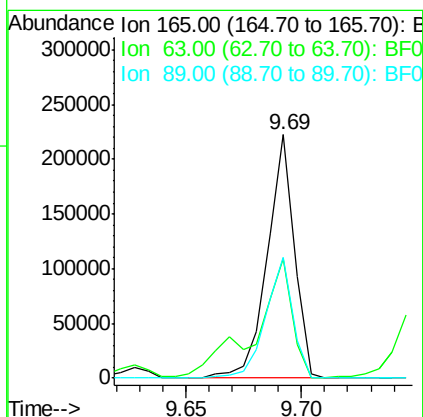
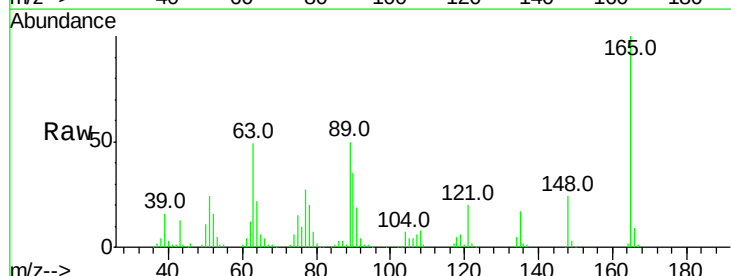
Instrument :
BNA_F
ClientSampled :

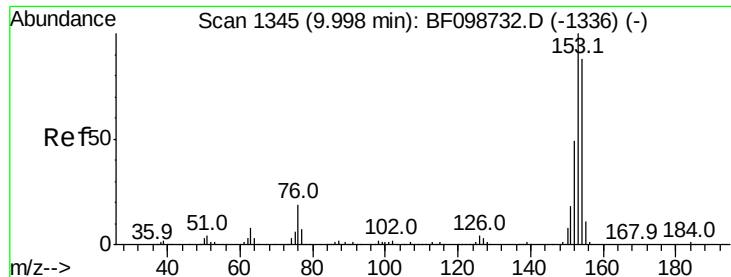
Tot Ion:163 Resp: 804345
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.2 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 38.476 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.05 min
Lab File: BF099093.D
Acq: 5 Oct 2017 9:45

Tgt Ion:165 Resp: 181195
Ion Ratio Lower Upper
165 100
63 49.1 44.7 67.1
89 49.7 44.0 66.0





#51

Acenaphthene

Concen: 34.229 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.06 min

Lab File: BF099093.D

Acq: 5 Oct 2017 9:45

Instrument :

BNA_F

ClientSampled :

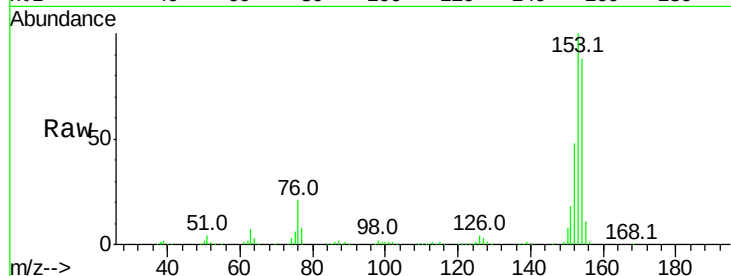
Tot Ion:154 Resp: 613850

Ion Ratio Lower Upper

154 100

153 113.1 91.2 136.8

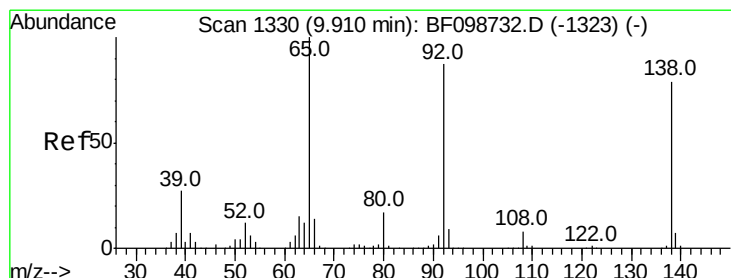
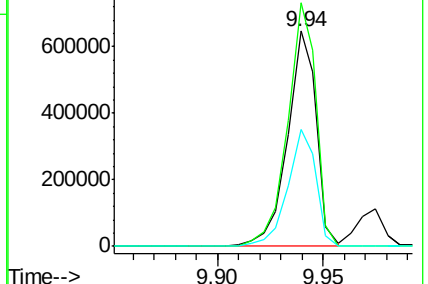
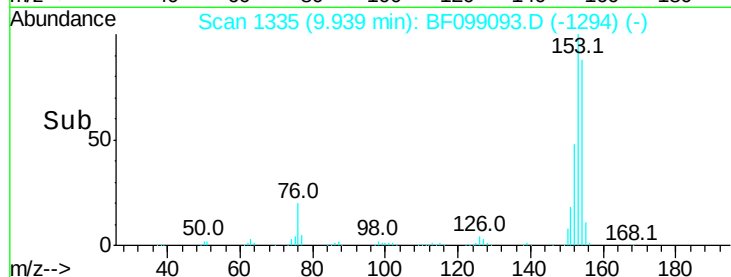
152 54.2 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.266 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.05 min

Lab File: BF099093.D

Acq: 5 Oct 2017 9:45

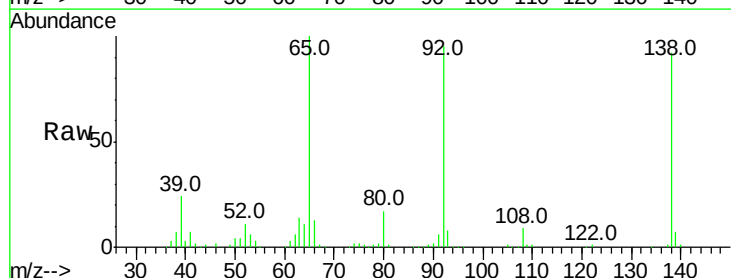
Tgt Ion:138 Resp: 155207

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

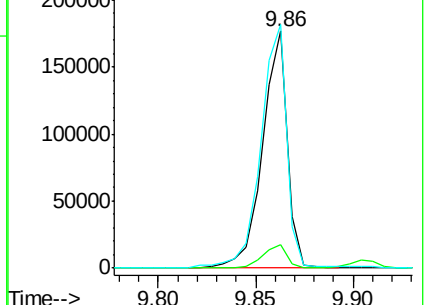
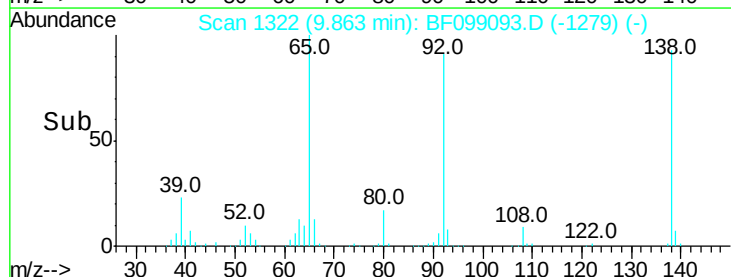
92 102.7 89.4 134.2

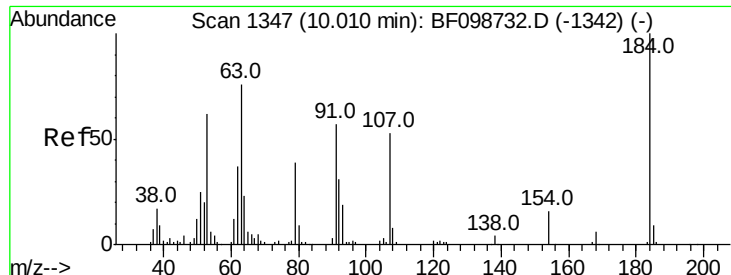


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

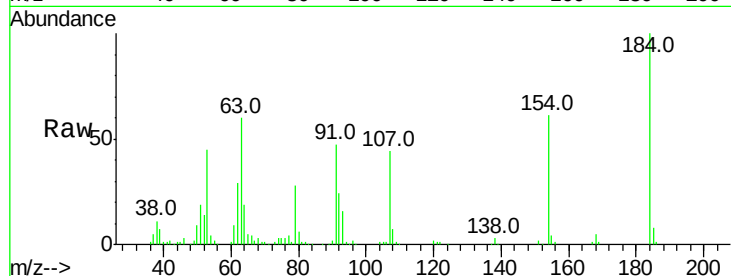




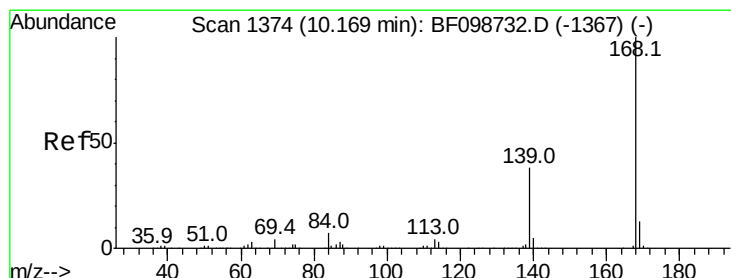
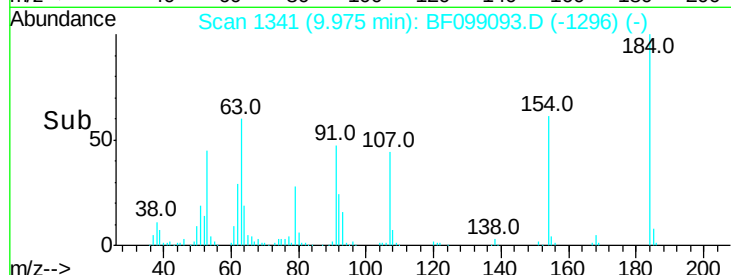
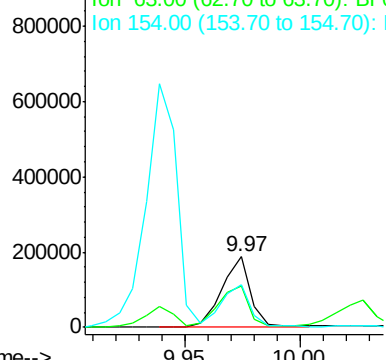
#53
 2,4-Dinitrophenol
 Concen: 68.727 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.03 min
 Lab File: BF099093.D
 Acq: 5 Oct 2017 9:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 166332
 Ion Ratio Lower Upper
 184 100
 63 59.7 54.2 81.2
 154 61.2 53.5 80.3

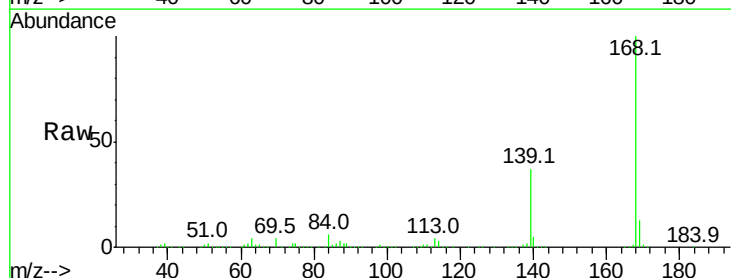


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

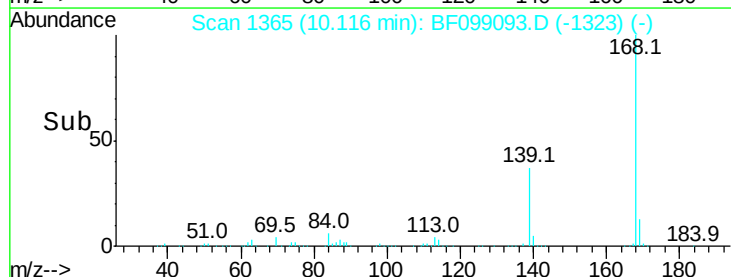
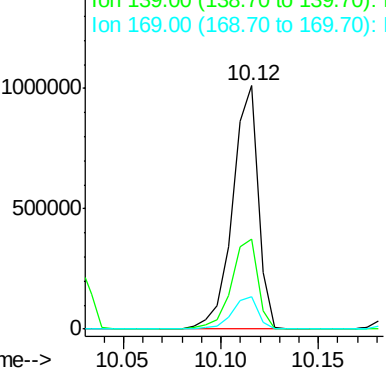


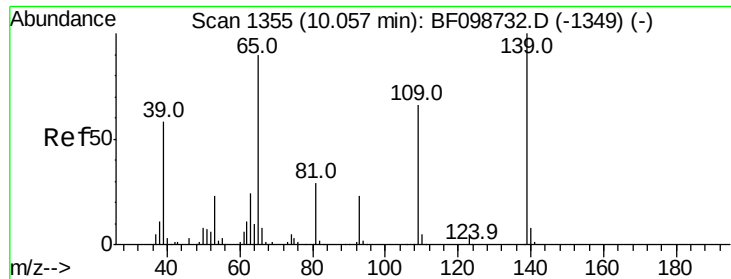
#54
 Dibenzofuran
 Concen: 38.702 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. -0.05 min
 Lab File: BF099093.D
 Acq: 5 Oct 2017 9:45

Tgt Ion:168 Resp: 924133
 Ion Ratio Lower Upper
 168 100
 139 36.8 30.1 45.1
 169 13.3 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

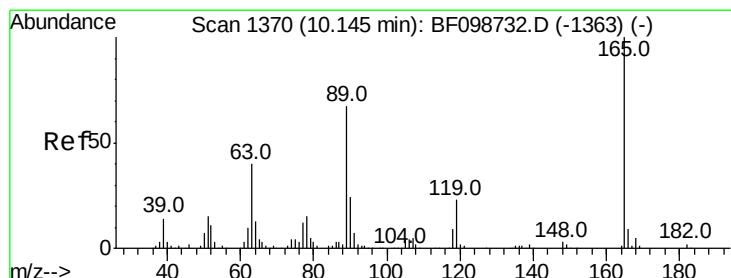
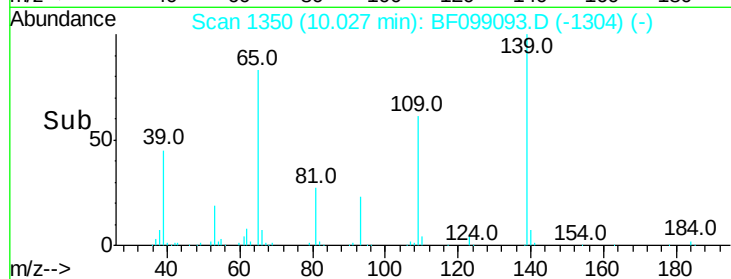
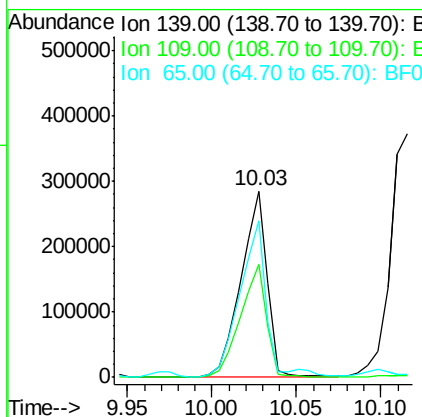
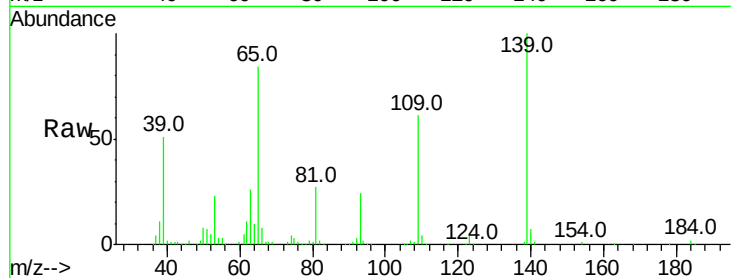




#55
4-Nitrophenol
Concen: 66.446 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.03 min
Lab File: BF099093.D
Acq: 5 Oct 2017 9:45

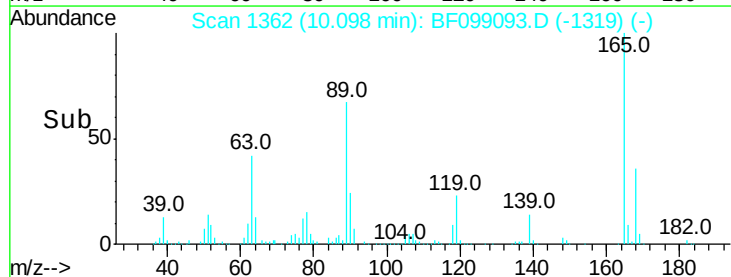
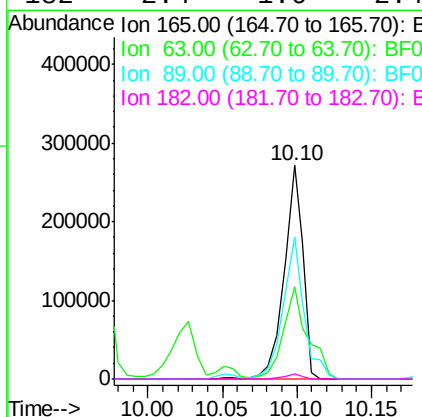
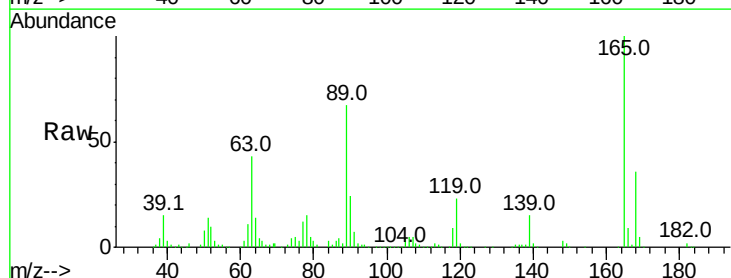
Instrument :
BNA_F
ClientSampled :

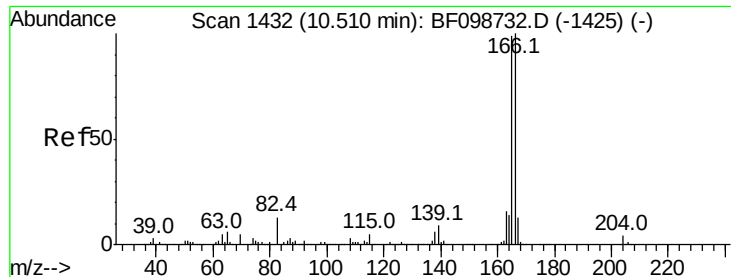
Tot Ion:139 Resp: 308511
Ion Ratio Lower Upper
139 100
109 60.8 48.4 88.4
65 84.0 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 39.843 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.05 min
Lab File: BF099093.D
Acq: 5 Oct 2017 9:45

Tgt Ion:165 Resp: 243510
Ion Ratio Lower Upper
165 100
63 42.9 36.4 54.6
89 66.7 57.8 86.6
182 2.4 1.6 2.4





#57

Fluorene

Concen: 37.347 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.05 min

Lab File: BF099093.D

Acq: 5 Oct 2017 9:45

Instrument :

BNA_F

ClientSampled :

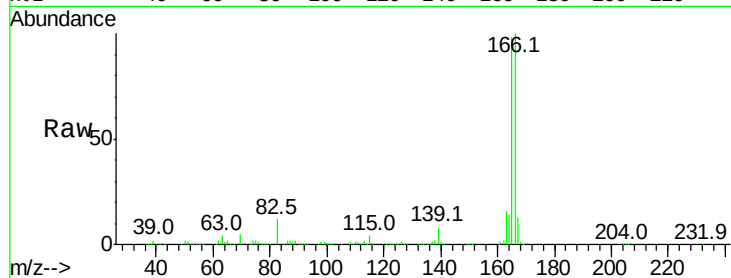
Tot Ion:166 Resp: 716783

Ion Ratio Lower Upper

166 100

165 98.4 79.8 119.8

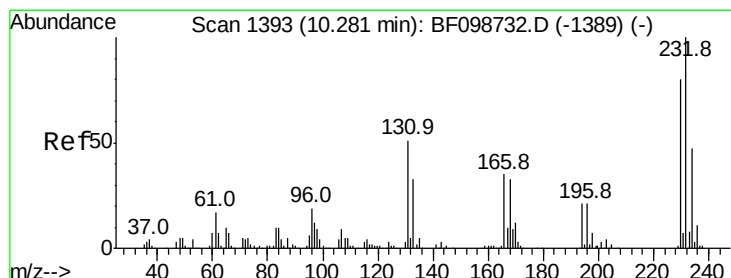
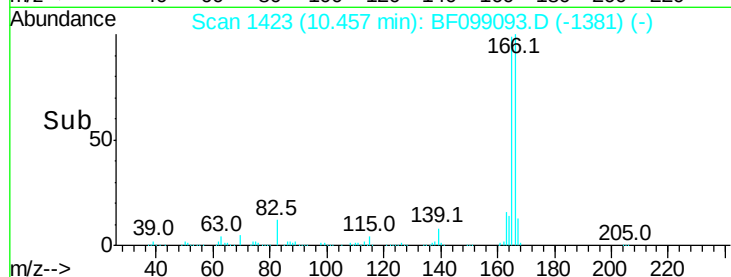
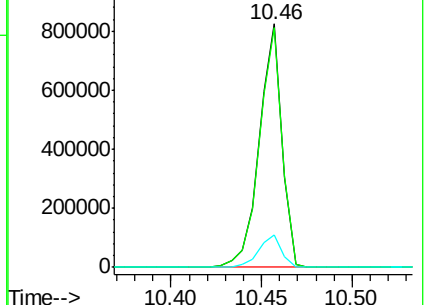
167 13.4 10.6 16.0



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: 39.606 ng

RT: 10.23 min Scan# 1384

Delta R.T. -0.05 min

Lab File: BF099093.D

Acq: 5 Oct 2017 9:45

Tgt Ion:232 Resp: 165379

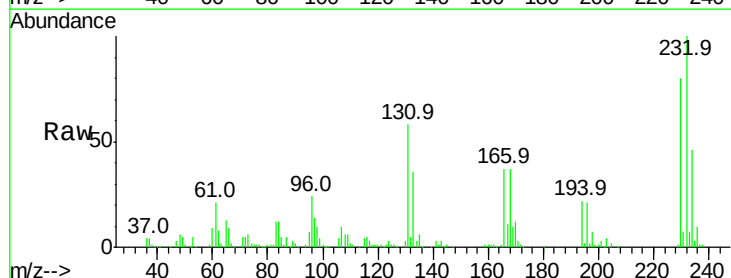
Ion Ratio Lower Upper

232 100

131 55.8 43.8 65.8

130 2.7 2.1 3.1

166 36.6 27.8 41.6

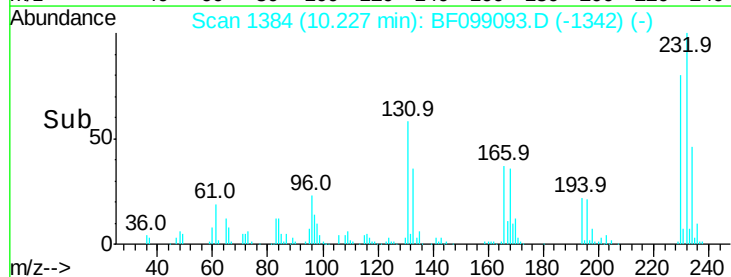
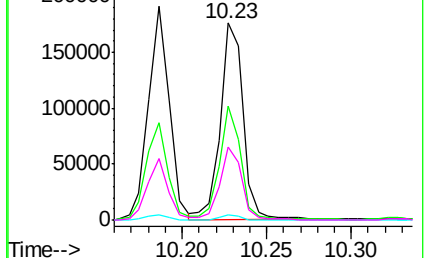


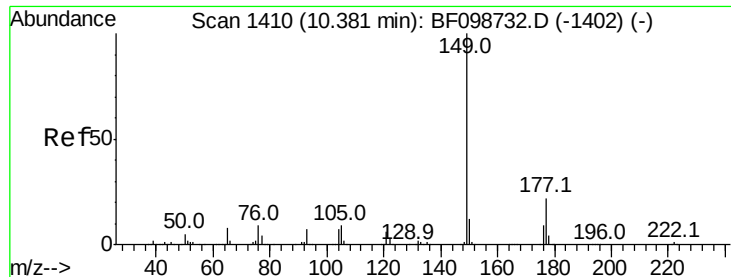
Abundance Ion 232.00 (231.70 to 232.70): E

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

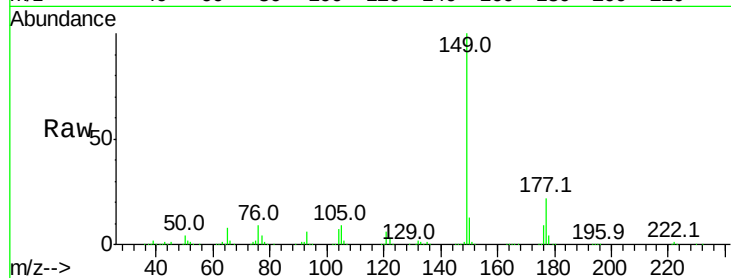




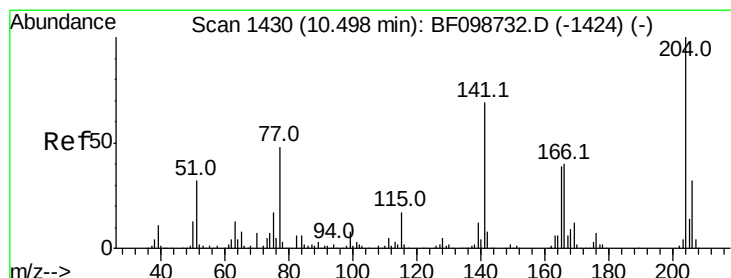
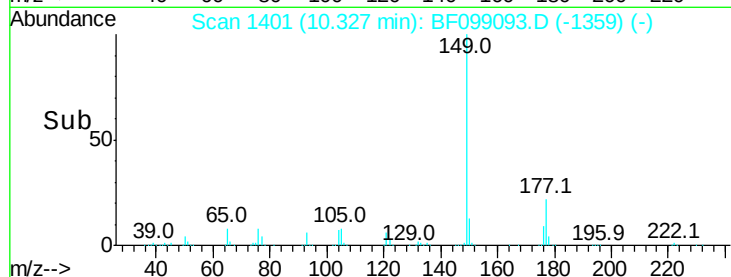
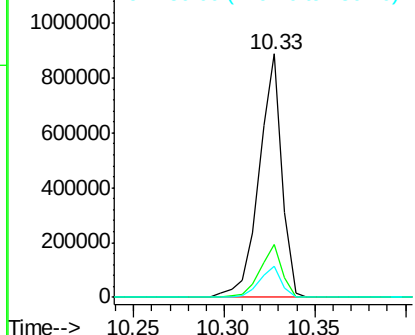
#59
Diethylphthalate
Concen: 36.521 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.05 min
Lab File: BF099093.D
Acq: 5 Oct 2017 9:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 771947
Ion Ratio Lower Upper
149 100
177 22.0 16.1 24.1
150 12.6 10.1 15.1

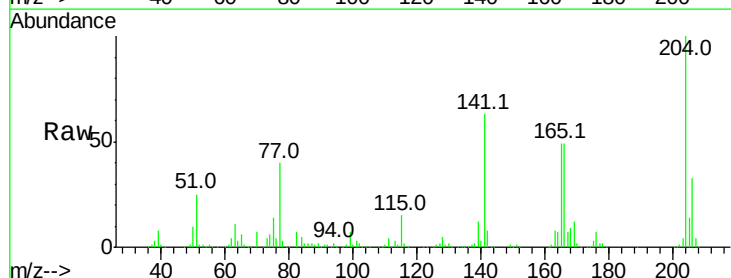


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

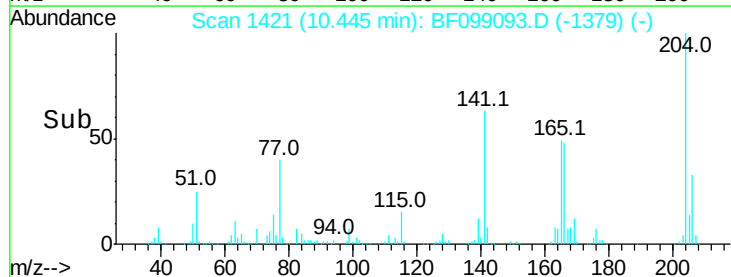
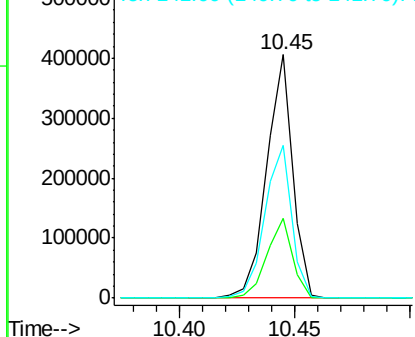


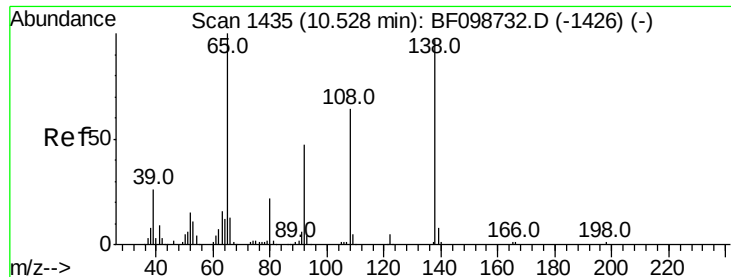
#60
4-Chlorophenyl-phenylether
Concen: 37.035 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.05 min
Lab File: BF099093.D
Acq: 5 Oct 2017 9:45

Tgt Ion:204 Resp: 319289
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 62.6 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

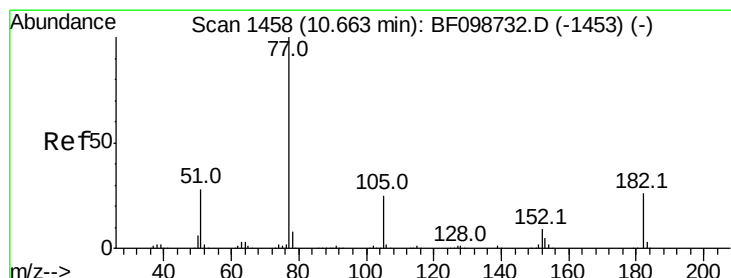
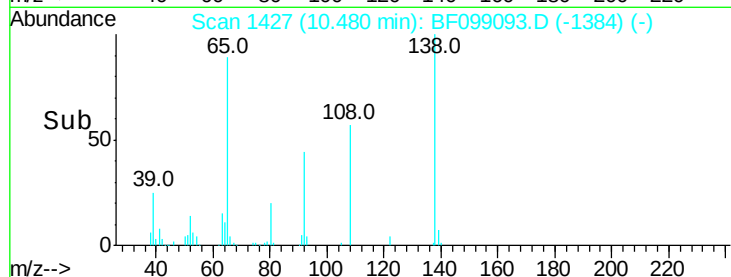
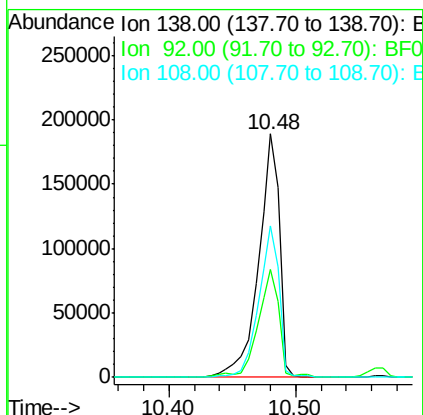
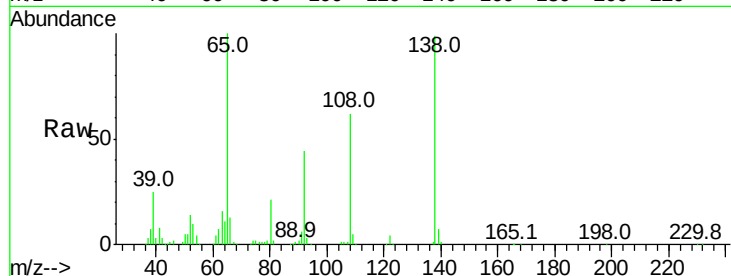




#61
4-Nitroaniline
Concen: 41.079 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.05 min
Lab File: BF099093.D
Acq: 5 Oct 2017 9:45

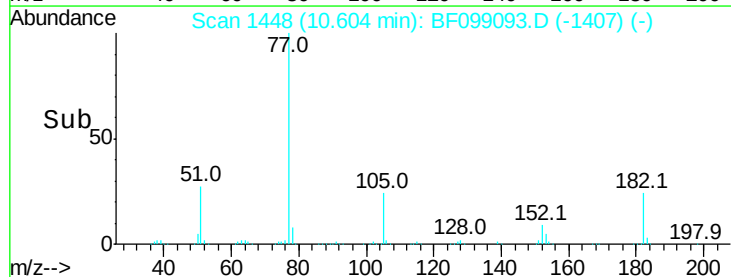
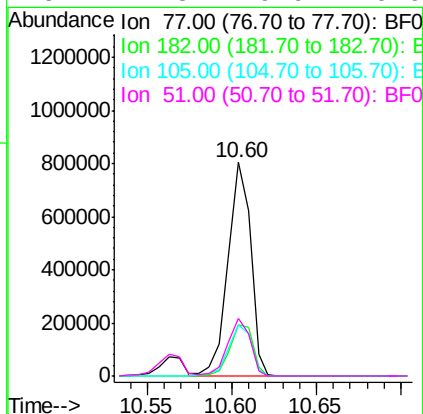
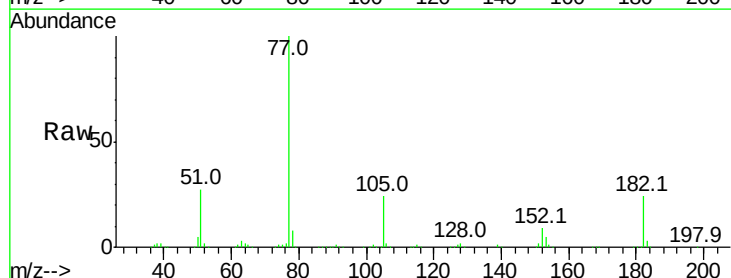
Instrument :
BNA_F
ClientSampled :

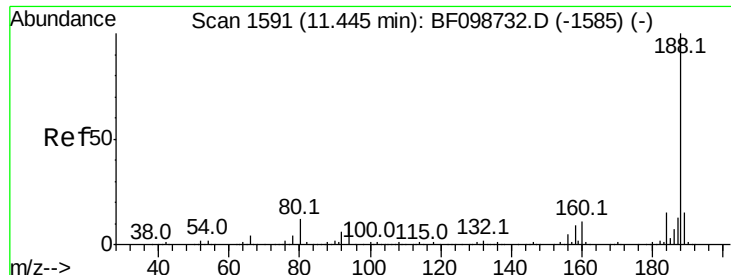
Tot Ion:138 Resp: 217618
Ion Ratio Lower Upper
138 100
92 44.4 30.2 70.2
108 62.4 52.5 92.5



#62
Azobenzene
Concen: 38.549 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.06 min
Lab File: BF099093.D
Acq: 5 Oct 2017 9:45

Tgt Ion: 77 Resp: 749189
Ion Ratio Lower Upper
77 100
182 24.0 1.7 41.7
105 24.1 3.0 43.0
51 27.3 9.9 49.9

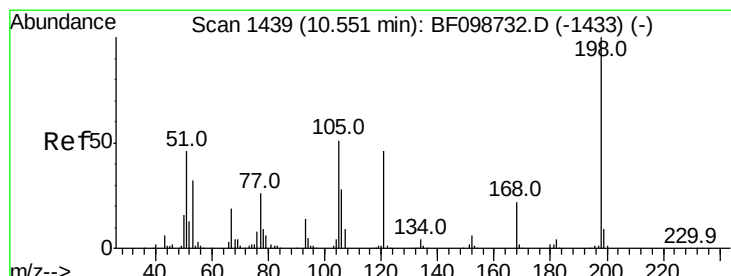
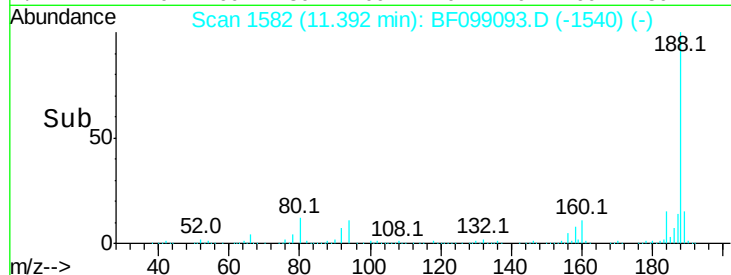
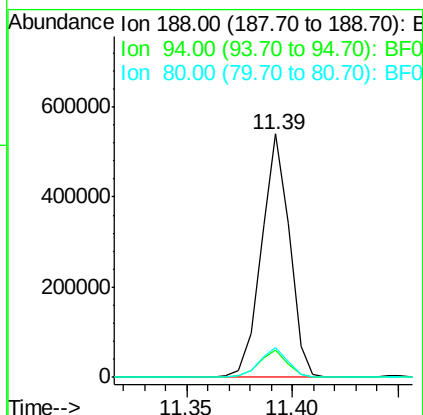
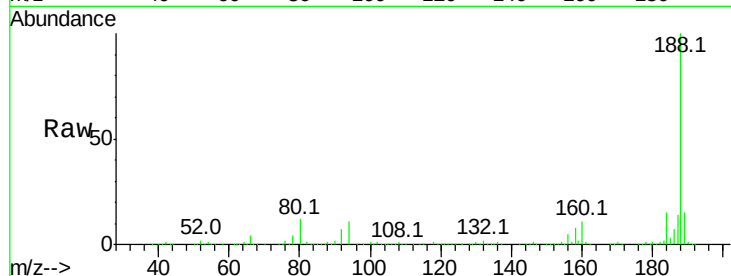




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.05 min
 Lab File: BF099093.D
 Acq: 5 Oct 2017 9:45

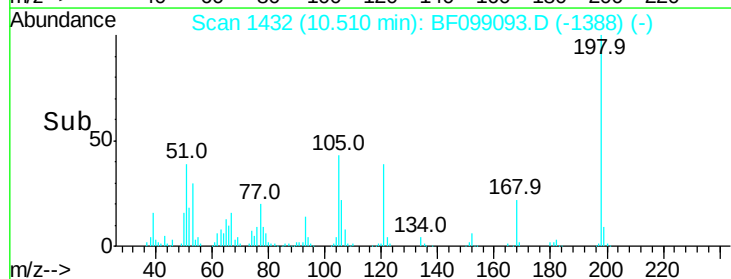
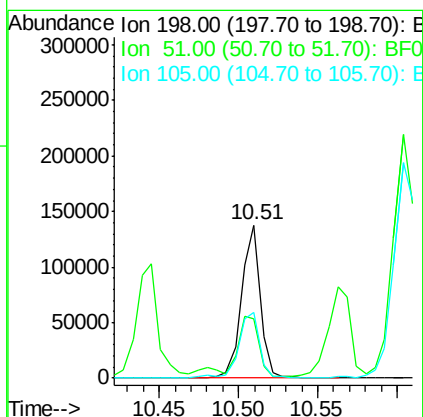
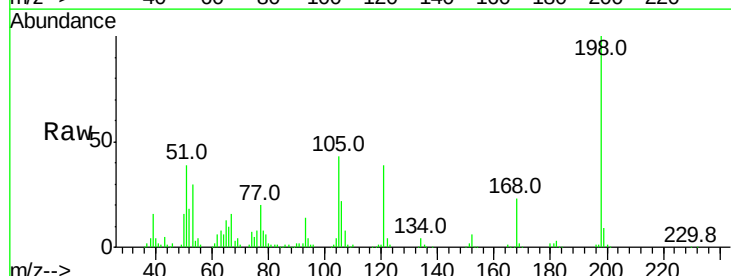
Instrument :
 BNA_F
 ClientSampleId :

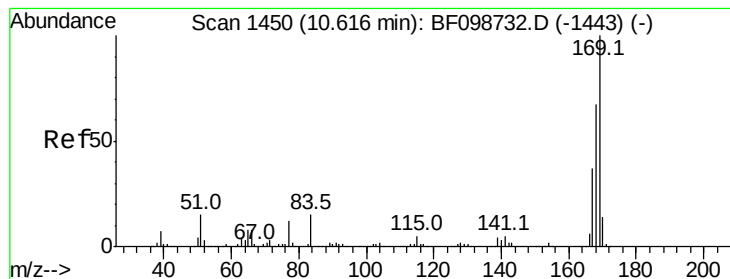
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.5	12.7
80	12.4	9.2	13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.435 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.04 min
 Lab File: BF099093.D
 Acq: 5 Oct 2017 9:45

Tgt Ion	Ratio	Lower	Upper
198	100		
51	39.0	37.7	77.7
105	42.6	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 37.689 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.05 min

Lab File: BF099093.D

Acq: 5 Oct 2017 9:45

Instrument :

BNA_F

ClientSampleId :

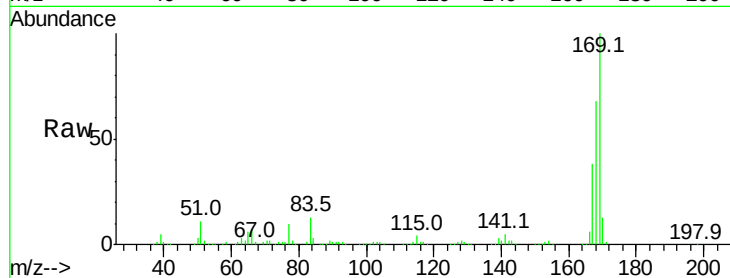
Tot Ion:169 Resp: 651639

Ion Ratio Lower Upper

169 100

168 67.7 54.4 81.6

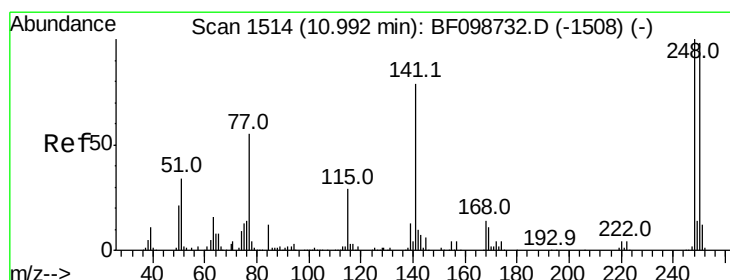
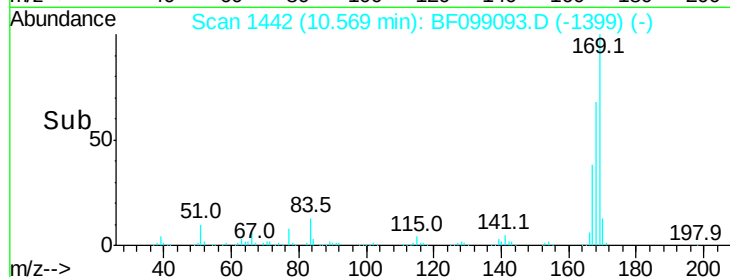
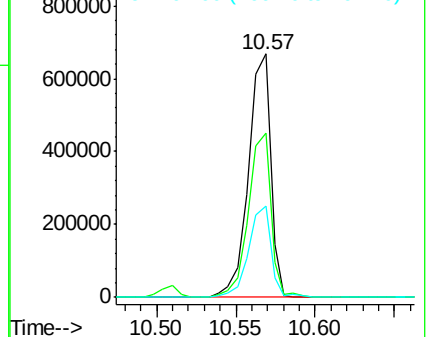
167 37.7 29.8 44.6



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: 39.301 ng

RT: 10.93 min Scan# 1504

Delta R.T. -0.06 min

Lab File: BF099093.D

Acq: 5 Oct 2017 9:45

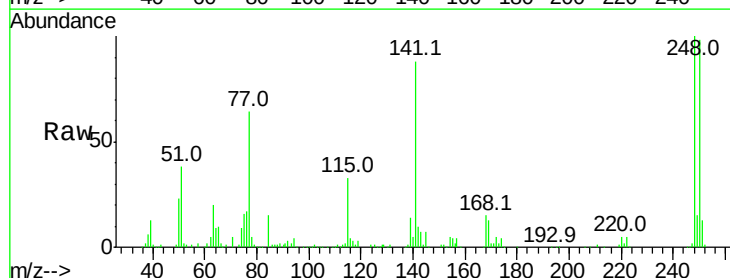
Tgt Ion:248 Resp: 191997

Ion Ratio Lower Upper

248 100

250 98.1 76.9 115.3

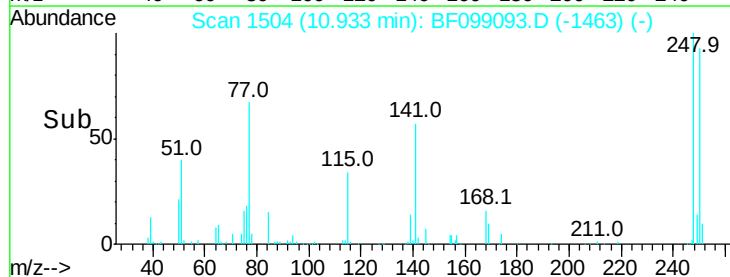
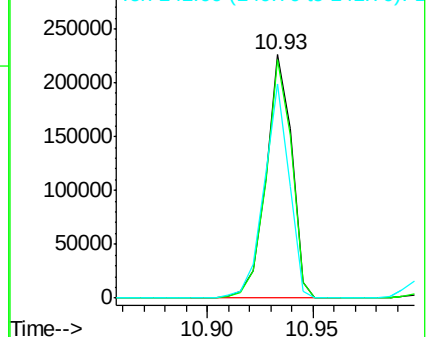
141 87.9 74.4 111.6

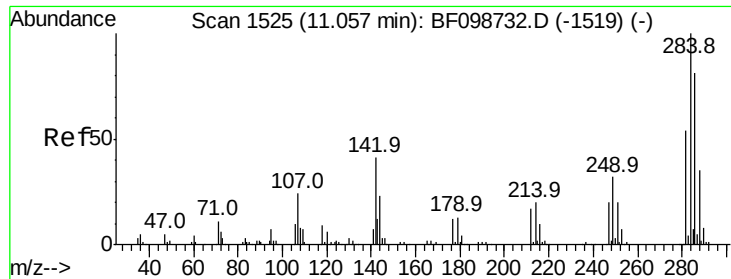


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

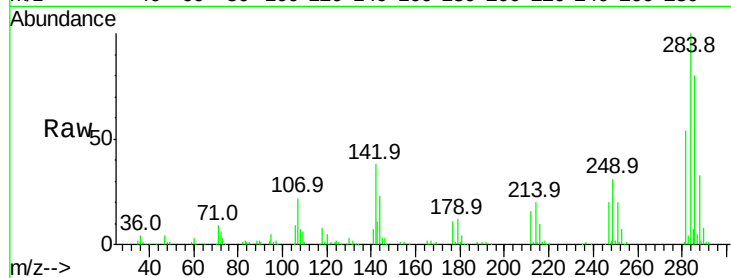




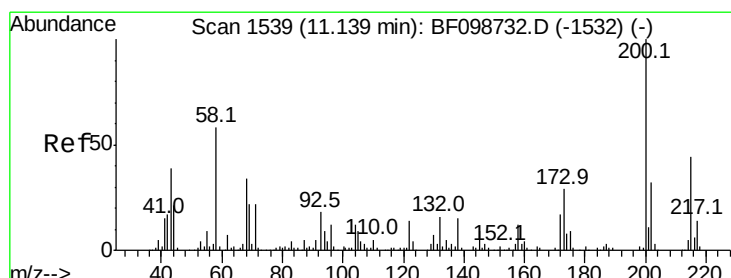
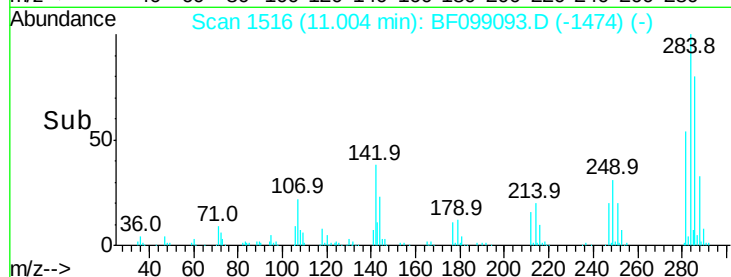
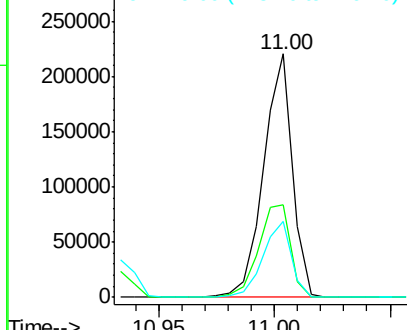
#67
Hexachlorobenzene
Concen: 36.522 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.05 min
Lab File: BF099093.D
Acq: 5 Oct 2017 9:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 190563
Ion Ratio Lower Upper
284 100
142 37.9 34.6 52.0
249 31.2 24.8 37.2

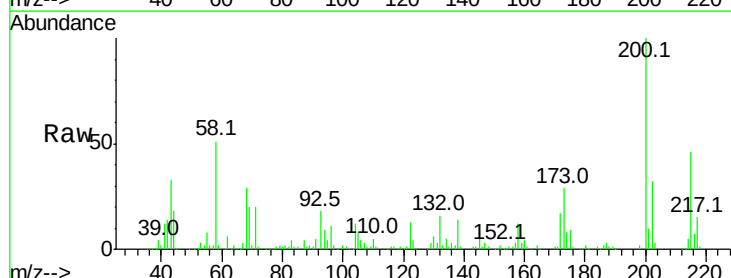


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

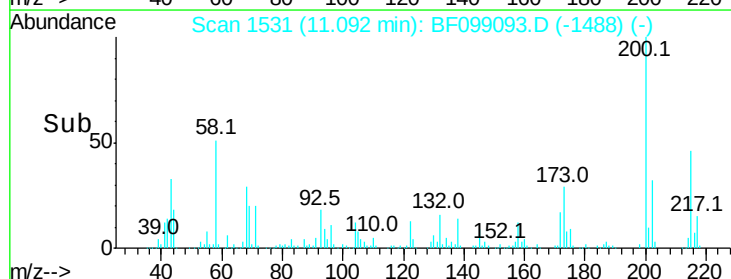
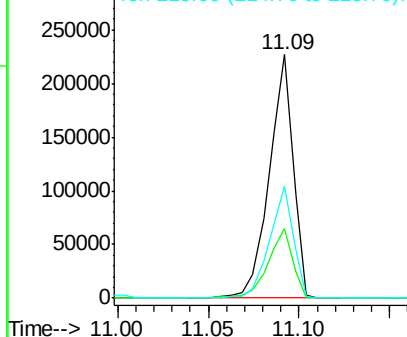


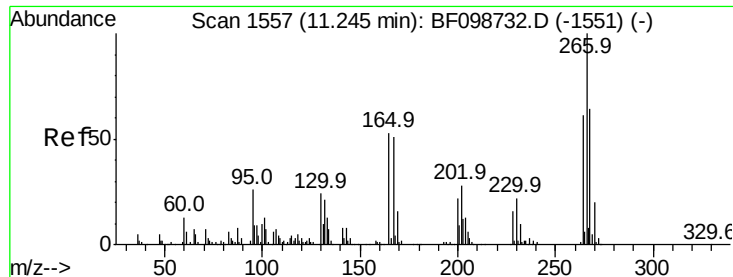
#68
Atrazine
Concen: 39.863 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.05 min
Lab File: BF099093.D
Acq: 5 Oct 2017 9:45

Tgt Ion:200 Resp: 207367
Ion Ratio Lower Upper
200 100
173 28.7 8.6 48.6
215 46.0 25.1 65.1



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

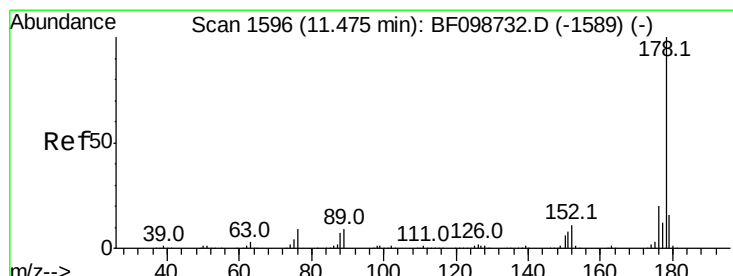
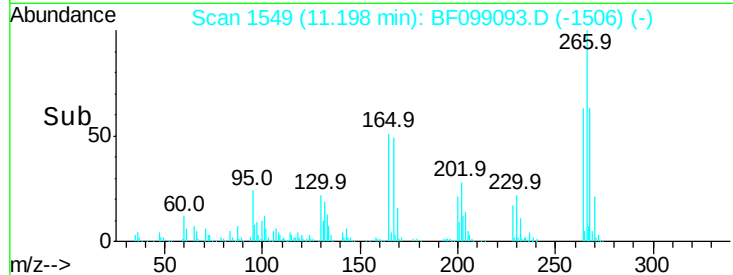
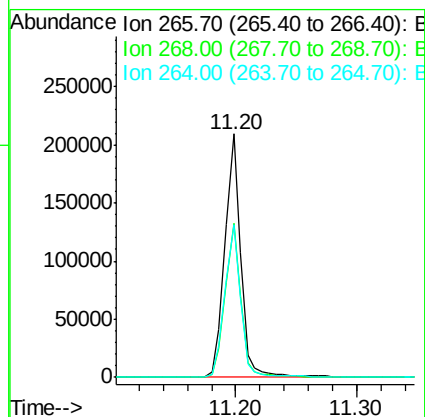
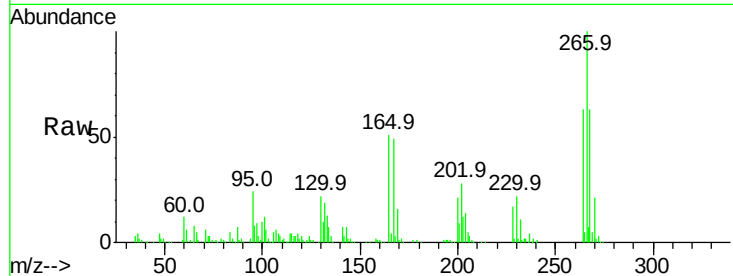




#69
 Pentachlorophenol
 Concen: 59.038 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.05 min
 Lab File: BF099093.D
 Acq: 5 Oct 2017 9:45

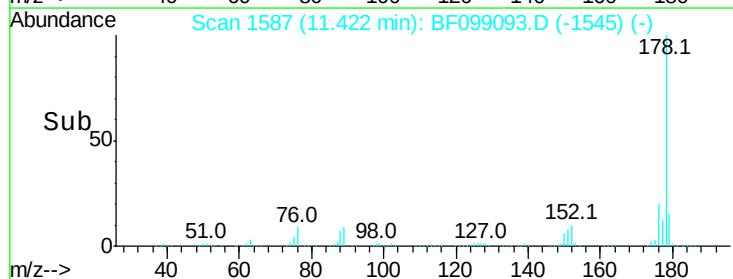
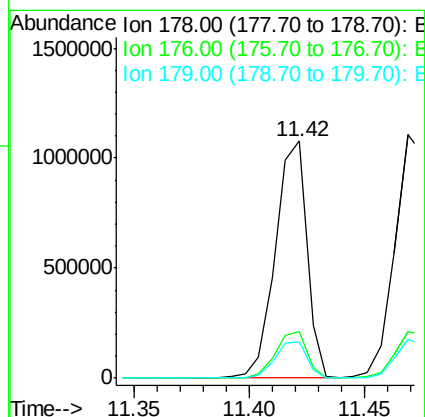
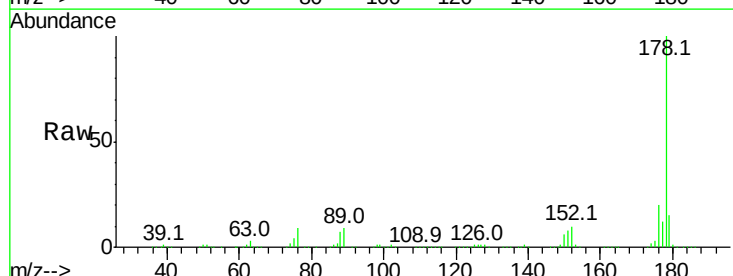
Instrument :
 BNA_F
 ClientSampleId :

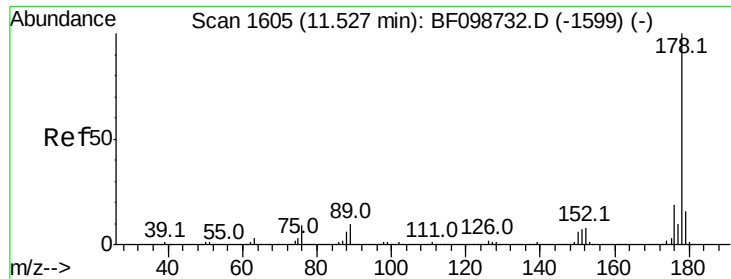
Tot Ion:266 Resp: 191714
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.1 76.7
 264 62.7 49.5 74.3



#70
 Phenanthrene
 Concen: 38.351 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.05 min
 Lab File: BF099093.D
 Acq: 5 Oct 2017 9:45

Tgt Ion:178 Resp: 1024554
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.4 13.0 19.6

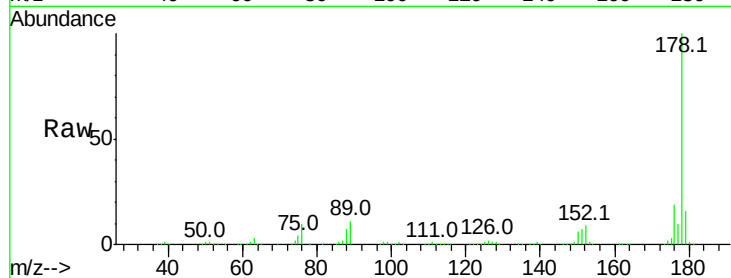




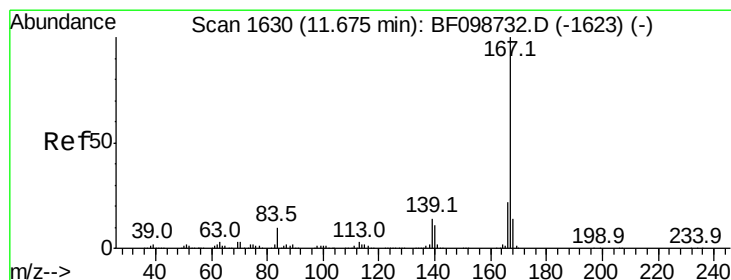
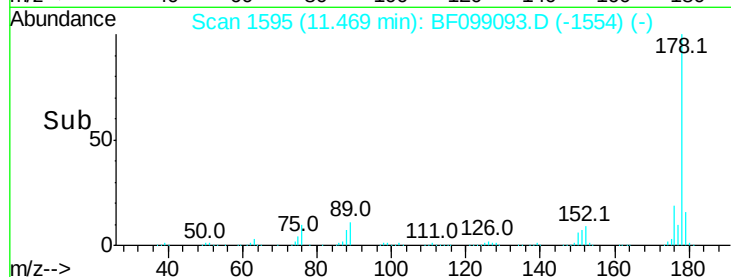
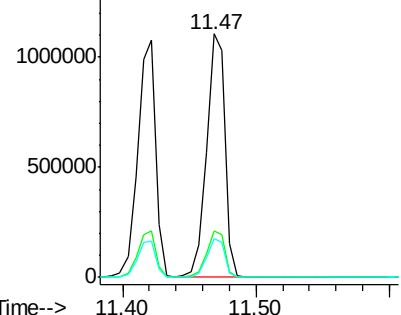
#71
 Anthracene
 Concen: 39.361 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.06 min
 Lab File: BF099093.D
 Acq: 5 Oct 2017 9:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 1075922
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.9 12.6 19.0

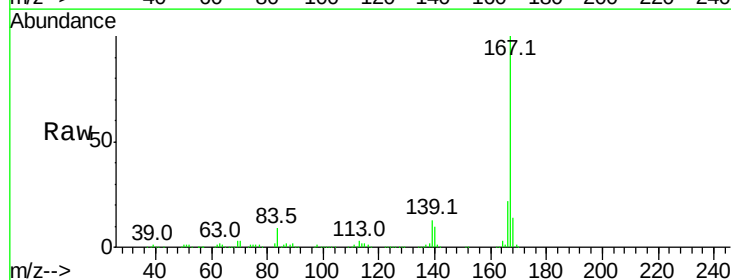


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

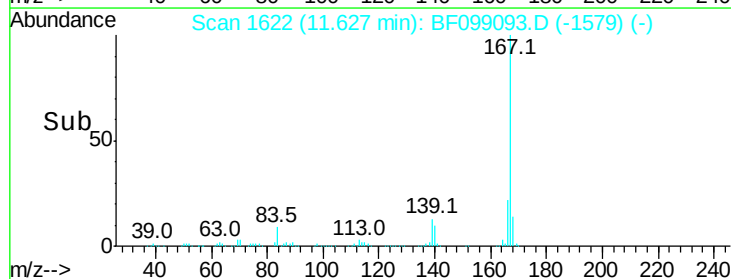
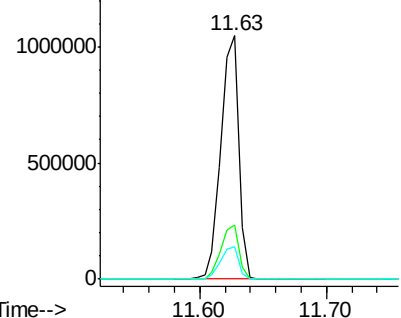


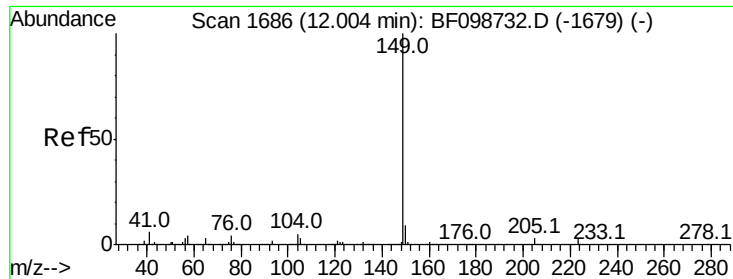
#72
 Carbazole
 Concen: 37.807 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.05 min
 Lab File: BF099093.D
 Acq: 5 Oct 2017 9:45

Tgt Ion:167 Resp: 1012024
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.4 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.917 ng

RT: 11.94 min Scan# 1676

Delta R.T. -0.06 min

Lab File: BF099093.D

Acq: 5 Oct 2017 9:45

Instrument :

BNA_F

ClientSampleId :

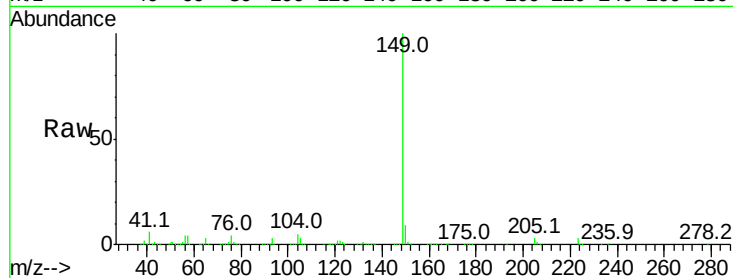
Tot Ion:149 Resp: 1221669

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

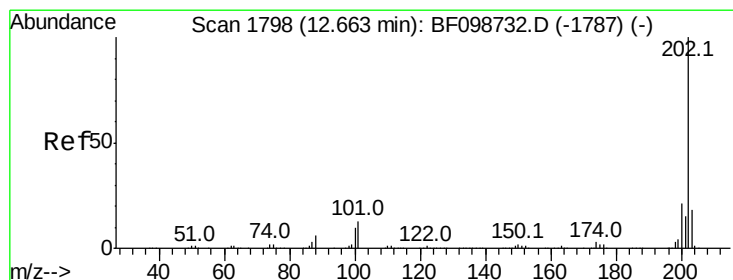
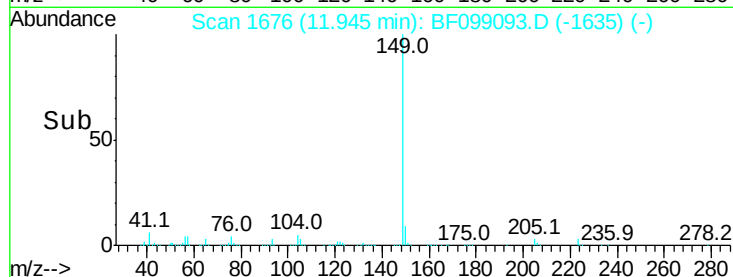
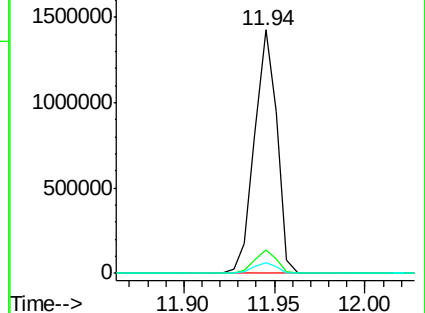
104 4.5 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.400 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.06 min

Lab File: BF099093.D

Acq: 5 Oct 2017 9:45

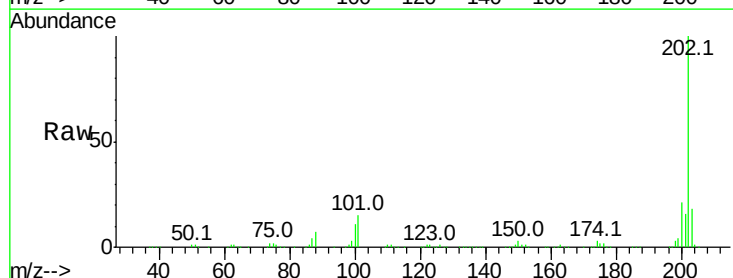
Tgt Ion:202 Resp: 1065862

Ion Ratio Lower Upper

202 100

101 14.8 0.0 34.1

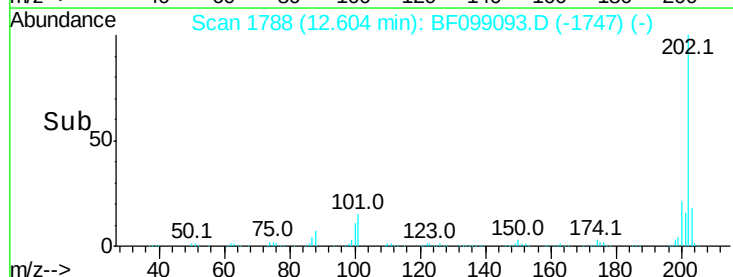
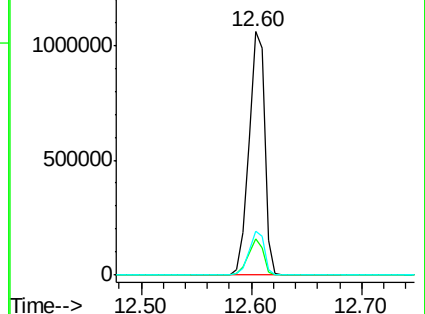
203 18.1 0.0 38.1

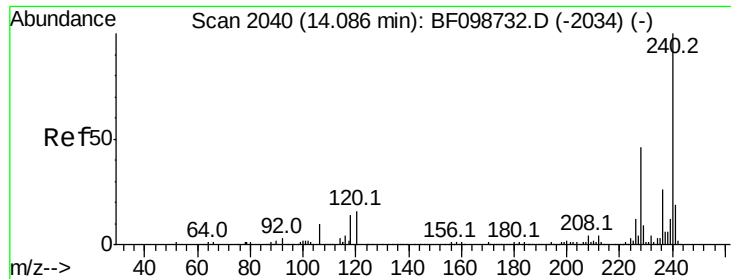


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

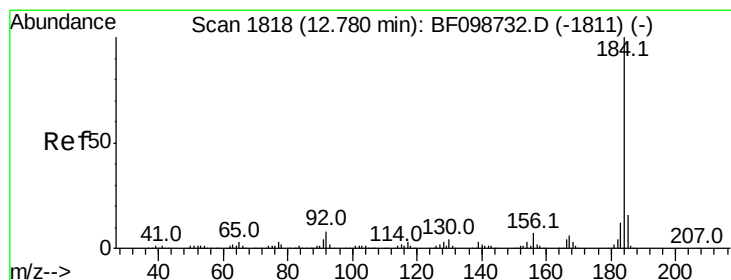
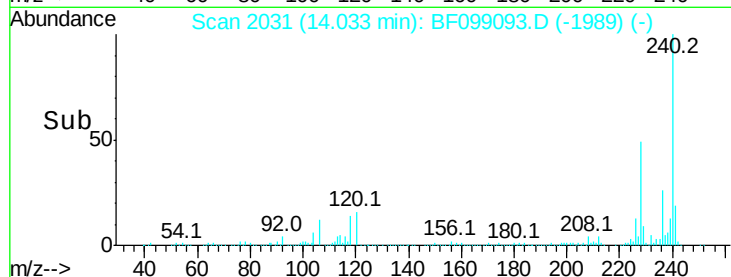
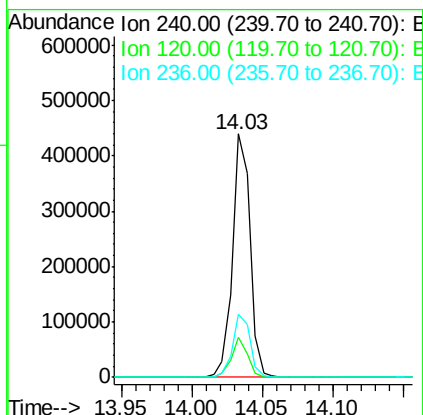
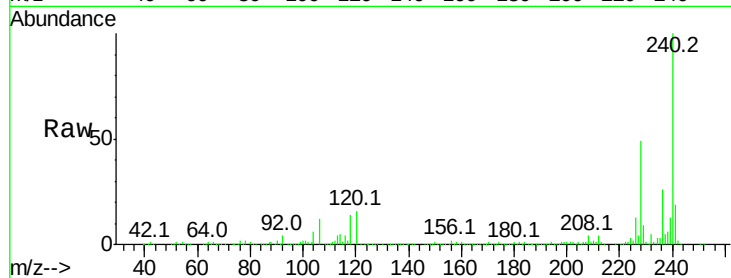




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.05 min
 Lab File: BF099093.D
 Acq: 5 Oct 2017 9:45

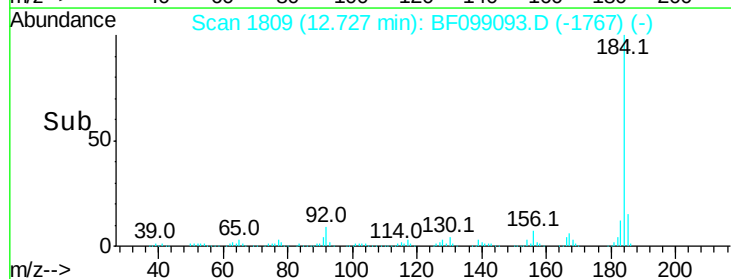
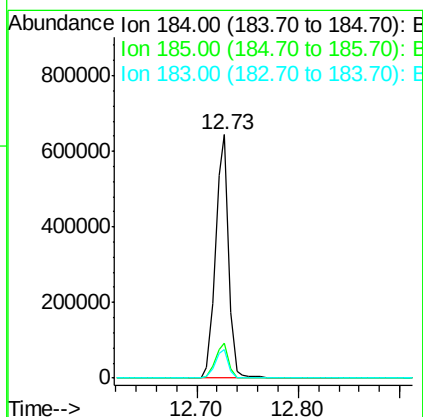
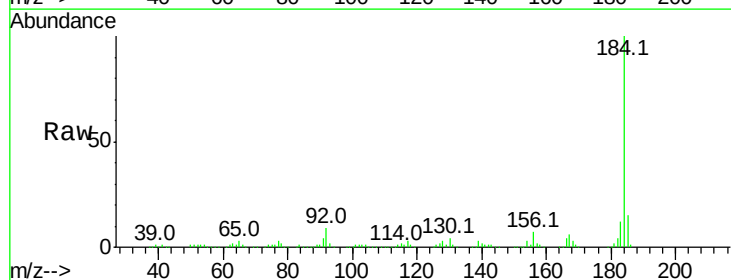
Instrument :
 BNA_F
 ClientSampled :

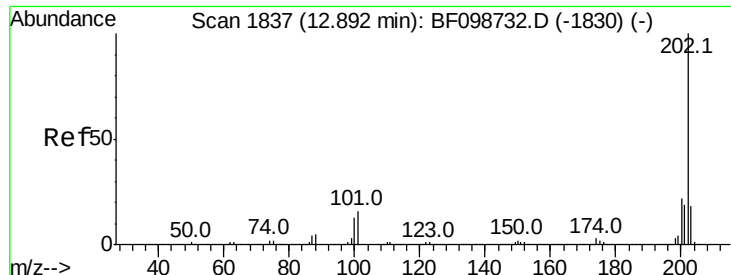
Tot Ion:240 Resp: 382042
 Ion Ratio Lower Upper
 240 100
 120 16.3 9.5 14.3#
 236 25.9 20.7 31.1



#76
 Benzidine
 Concen: 40.819 ng
 RT: 12.73 min Scan# 1809
 Delta R.T. -0.05 min
 Lab File: BF099093.D
 Acq: 5 Oct 2017 9:45

Tgt Ion:184 Resp: 576793
 Ion Ratio Lower Upper
 184 100
 185 14.6 12.6 18.8
 183 11.8 9.3 13.9

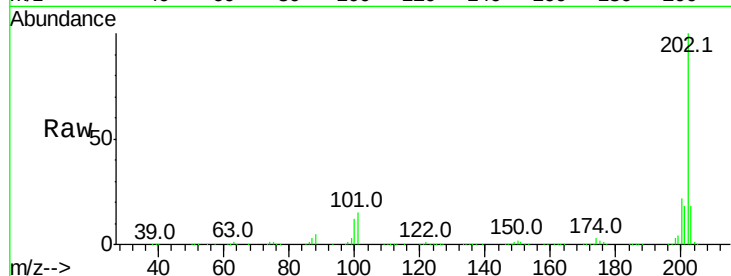




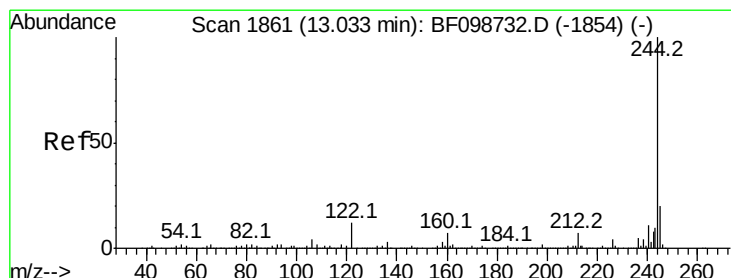
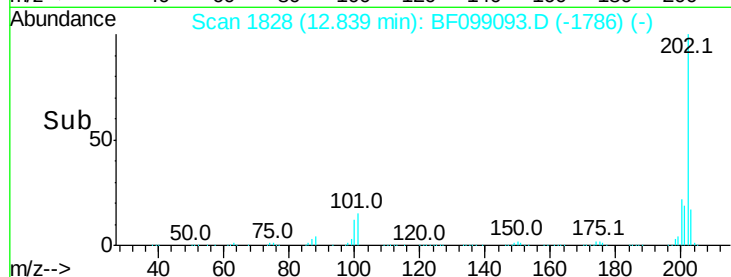
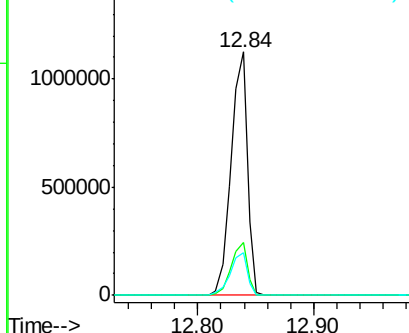
#77
Pvrene
Concen: 37.745 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.05 min
Lab File: BF099093.D
Acq: 5 Oct 2017 9:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 1099599
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 17.5 14.3 21.5

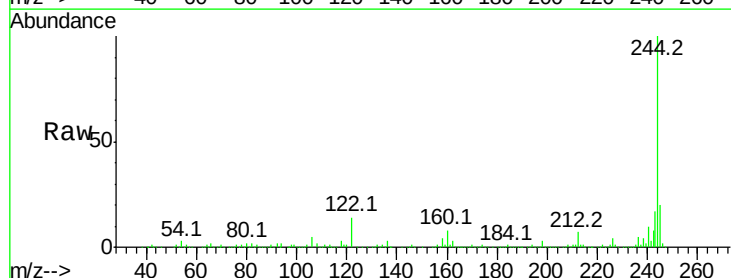


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

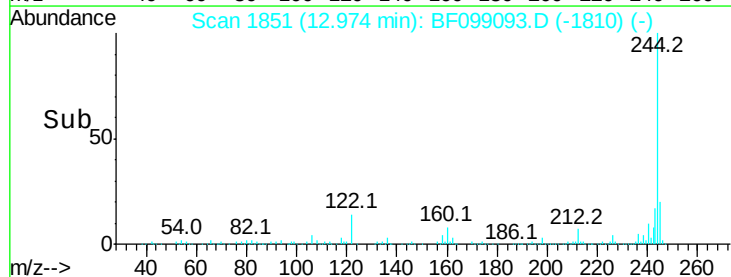
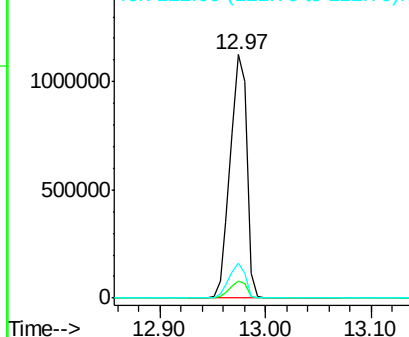


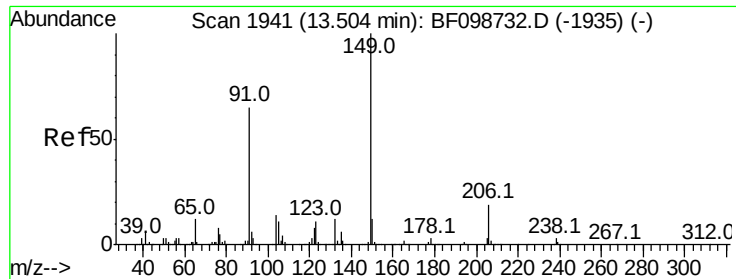
#78
Terphenyl-d14
Concen: 72.844 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.06 min
Lab File: BF099093.D
Acq: 5 Oct 2017 9:45

Tgt Ion:244 Resp: 1223699
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 14.1 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

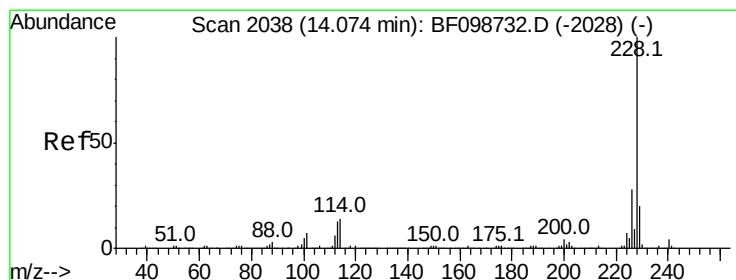
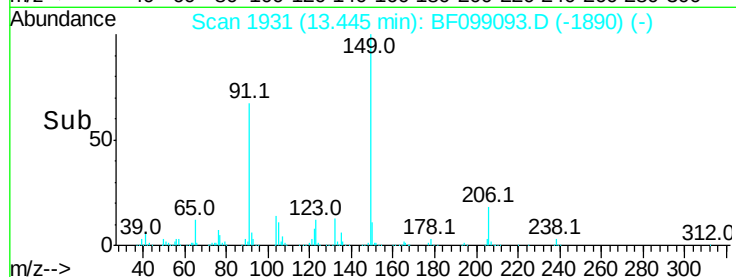
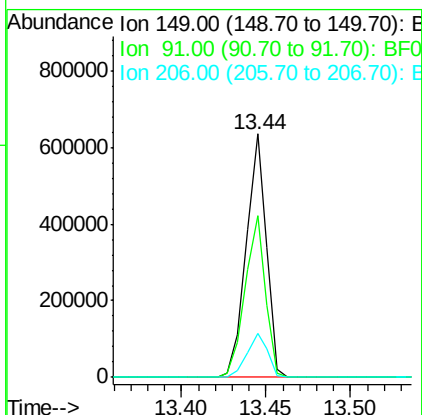
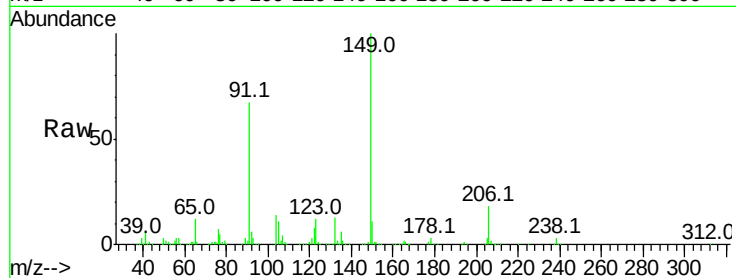




#79
 Butylbenzylphthalate
 Concen: 38.985 ng
 RT: 13.44 min Scan# 1931
 Delta R.T. -0.06 min
 Lab File: BF099093.D
 Acq: 5 Oct 2017 9:45

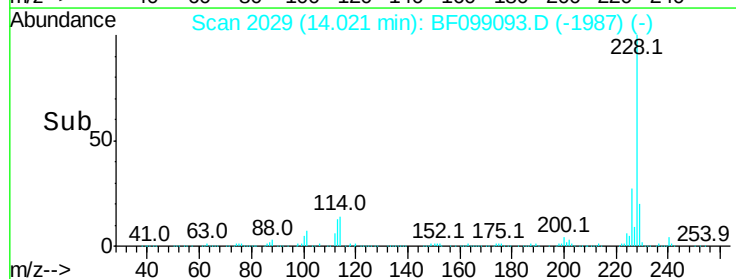
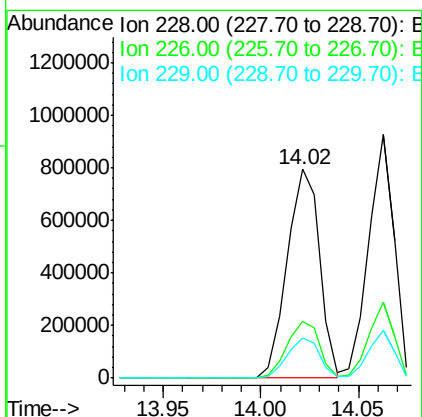
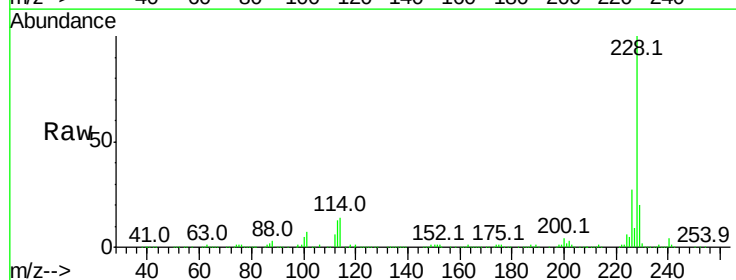
Instrument :
 BNA_F
 ClientSampleId :

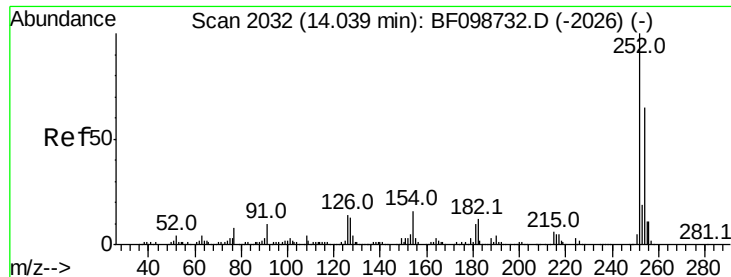
Tot Ion:149 Resp: 533753
 Ion Ratio Lower Upper
 149 100
 91 66.6 56.8 85.2
 206 18.1 14.1 21.1



#80
 Benzo(a)anthracene
 Concen: 39.446 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.05 min
 Lab File: BF099093.D
 Acq: 5 Oct 2017 9:45

Tgt Ion:228 Resp: 912520
 Ion Ratio Lower Upper
 228 100
 226 27.4 22.6 33.8
 229 19.5 15.8 23.6

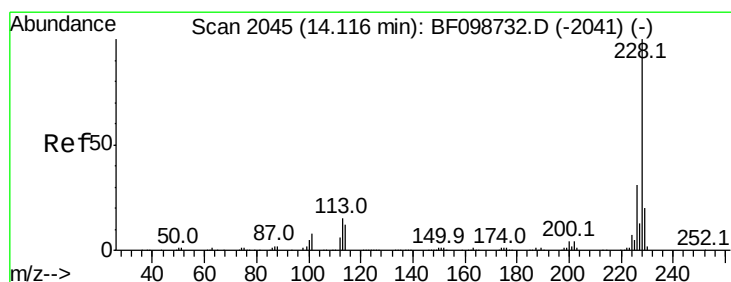
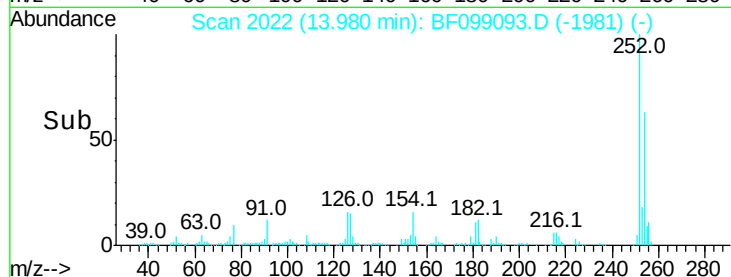
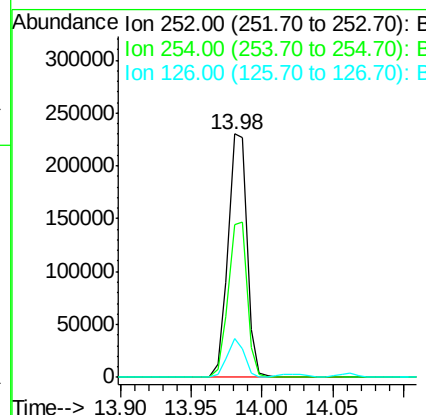
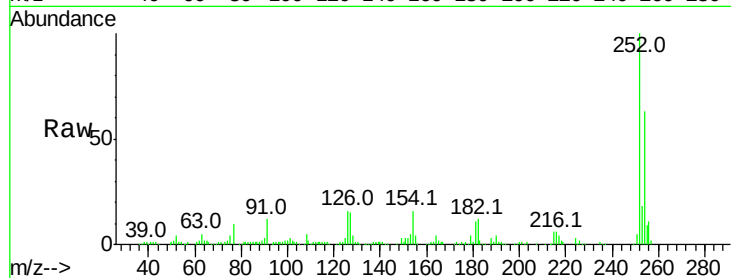




#81
 3,3'-Dichlorobenzidine
 Concen: 25.541 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.06 min
 Lab File: BF099093.D
 Acq: 5 Oct 2017 9:45

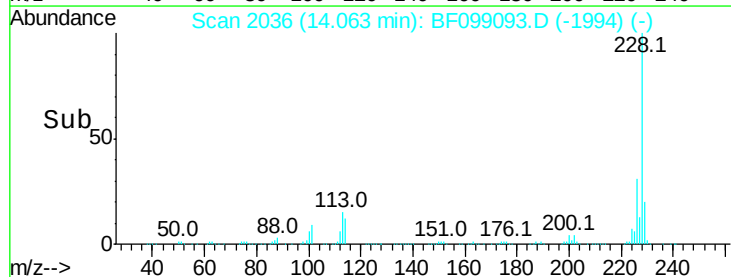
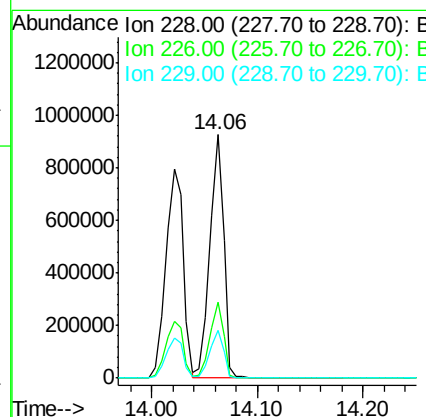
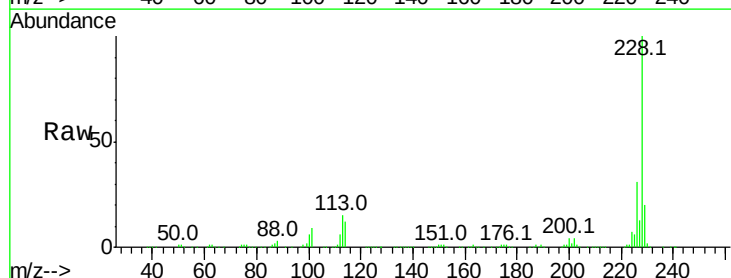
Instrument :
 BNA_F
 ClientSampleId :

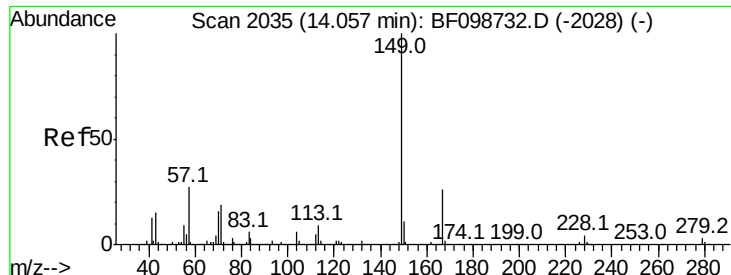
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.8	50.4	75.6
126	15.8	11.3	16.9



#82
 Chrysene
 Concen: 38.454 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.05 min
 Lab File: BF099093.D
 Acq: 5 Oct 2017 9:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	19.8	16.2	24.4

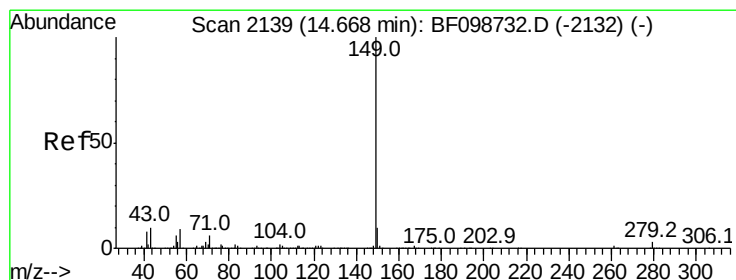
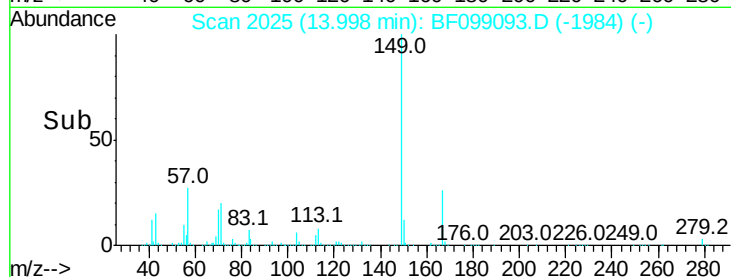
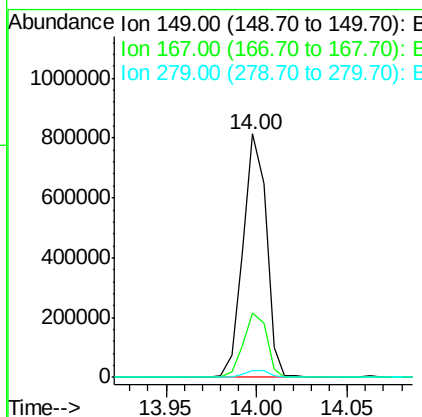
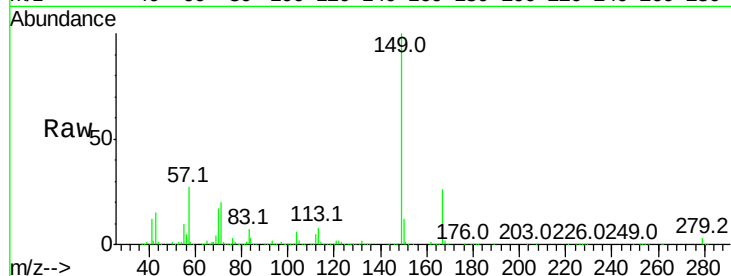




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.825 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.06 min
 Lab File: BF099093.D
 Acq: 5 Oct 2017 9:45

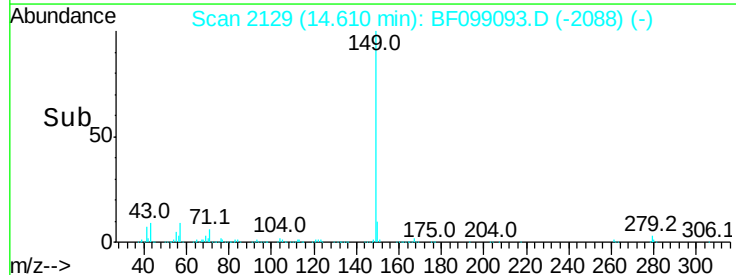
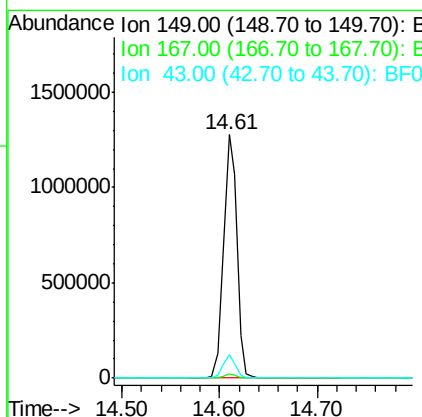
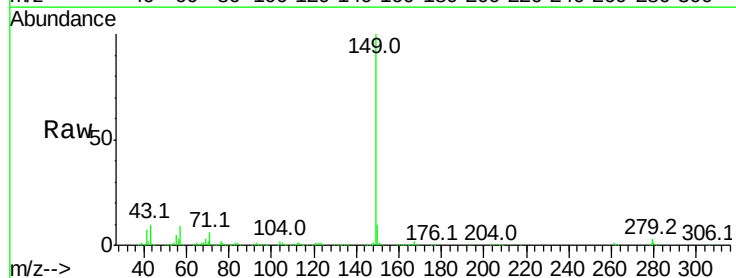
Instrument :
 BNA_F
 ClientSampleId :

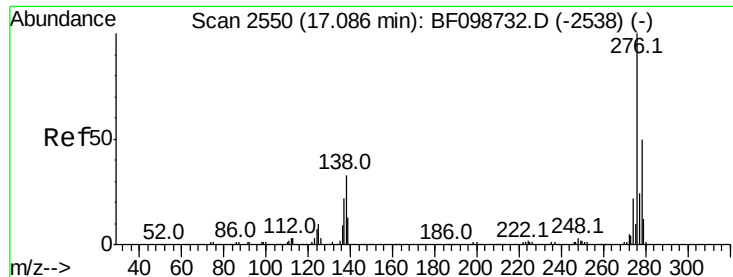
Tot Ion:149 Resp: 731946
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.3 31.9
 279 2.8 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 39.678 ng
 RT: 14.61 min Scan# 2129
 Delta R.T. -0.06 min
 Lab File: BF099093.D
 Acq: 5 Oct 2017 9:45

Tgt Ion:149 Resp: 1204489
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.1 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.278 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.09 min

Lab File: BF099093.D

Acq: 5 Oct 2017 9:45

Instrument :

BNA_F

ClientSampleId :

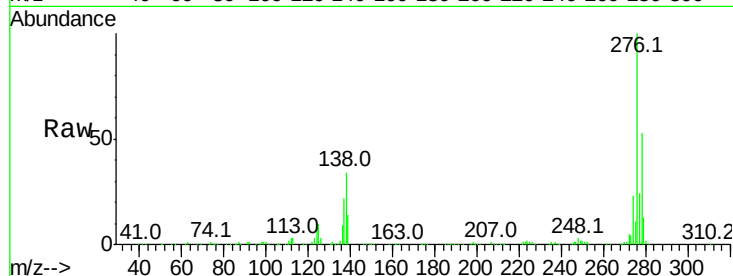
Tot Ion:276 Resp: 692002

Ion Ratio Lower Upper

276 100

138 35.3 25.0 37.6

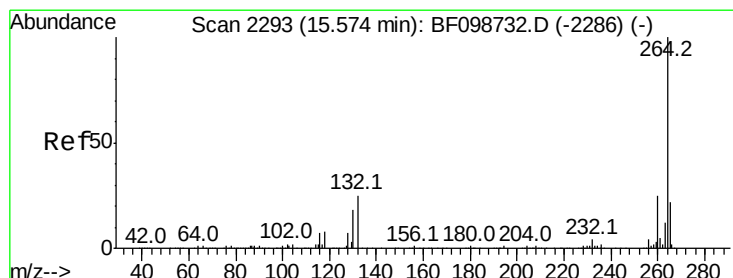
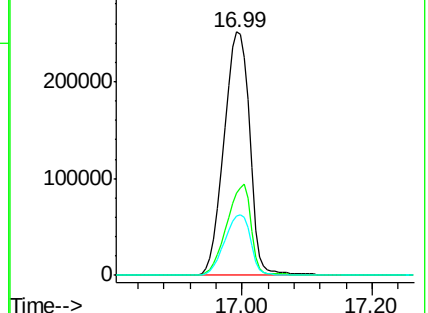
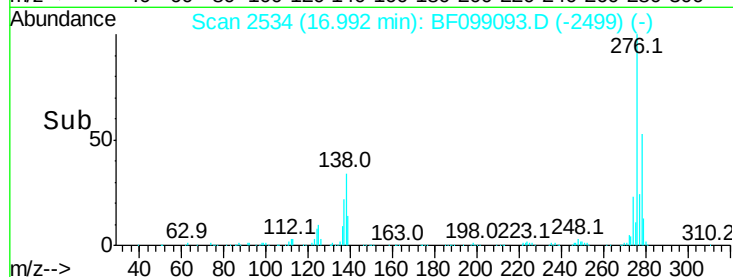
277 25.1 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2281

Delta R.T. -0.07 min

Lab File: BF099093.D

Acq: 5 Oct 2017 9:45

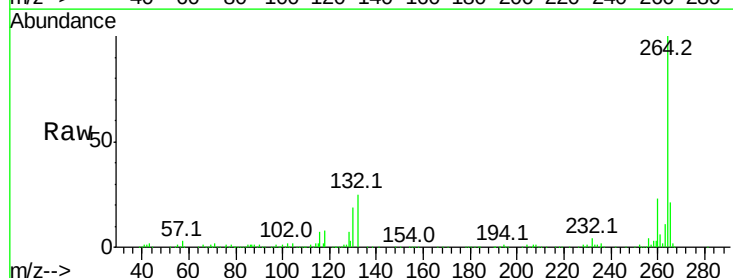
Tgt Ion:264 Resp: 333286

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

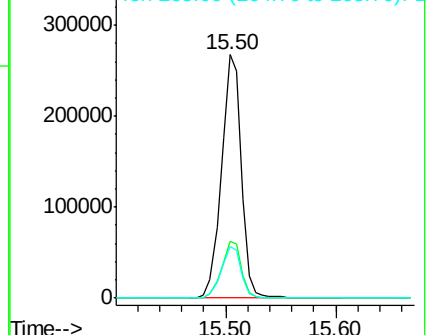
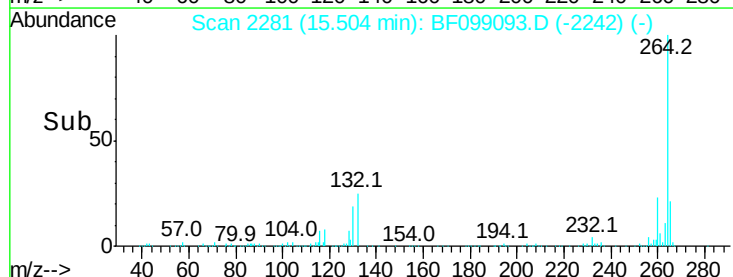
265 21.0 17.5 26.3

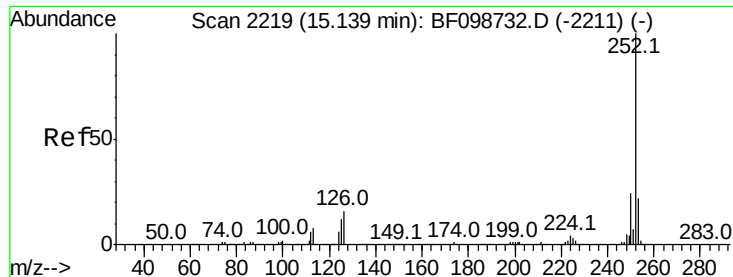


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

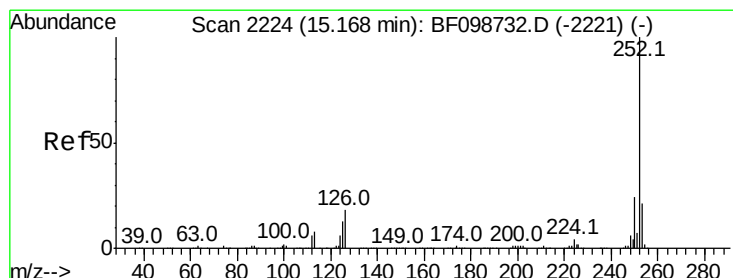
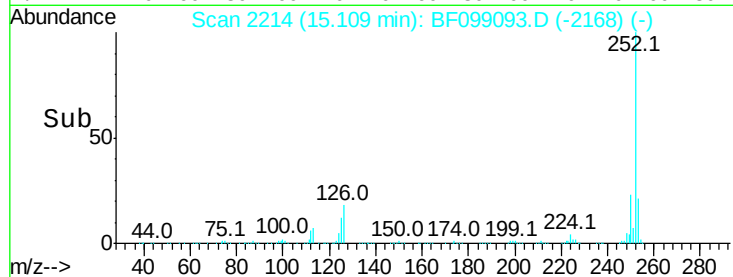
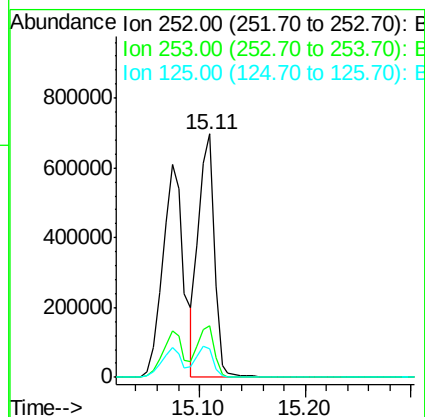
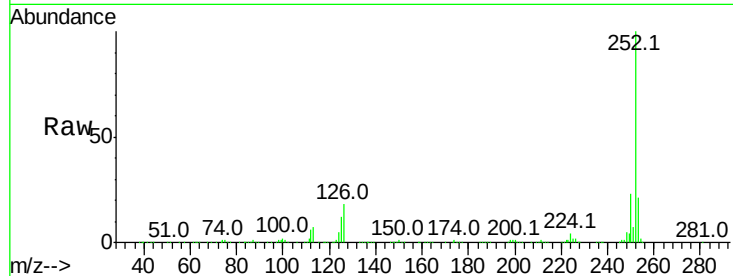




#87
Benzo(b)fluoranthene
Concen: 34.948 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.03 min
Lab File: BF099093.D
Acq: 5 Oct 2017 9:45

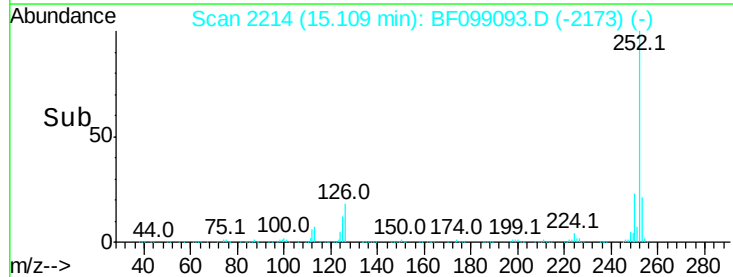
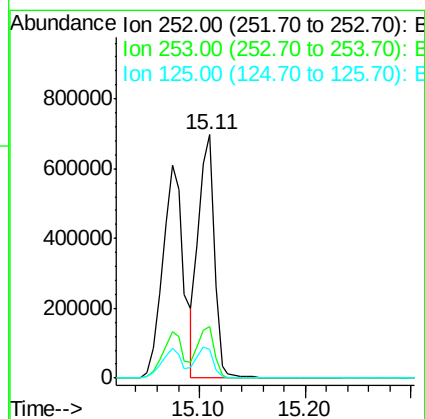
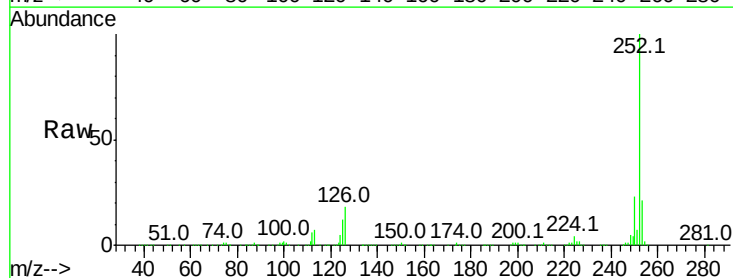
Instrument :
BNA_F
ClientSampled :

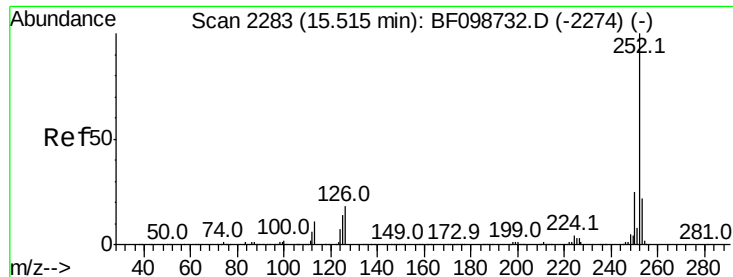
Tot Ion:252 Resp: 716156
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 11.9 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 35.384 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.06 min
Lab File: BF099093.D
Acq: 5 Oct 2017 9:45

Tgt Ion:252 Resp: 716156
Ion Ratio Lower Upper
252 100
253 21.4 17.9 26.9
125 11.9 10.2 15.2





#89

Benzo(a)pyrene

Concen: 39.576 ng

RT: 15.44 min Scan# 2271

Delta R.T. -0.07 min

Lab File: BF099093.D

Acq: 5 Oct 2017 9:45

Instrument :

BNA_F

ClientSampleId :

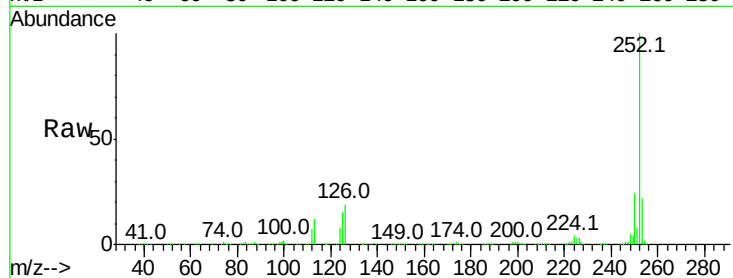
Tot Ion:252 Resp: 744417

Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

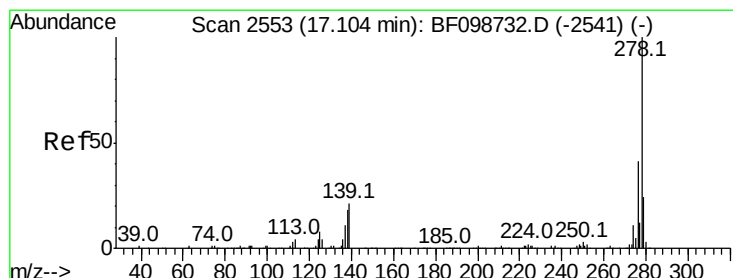
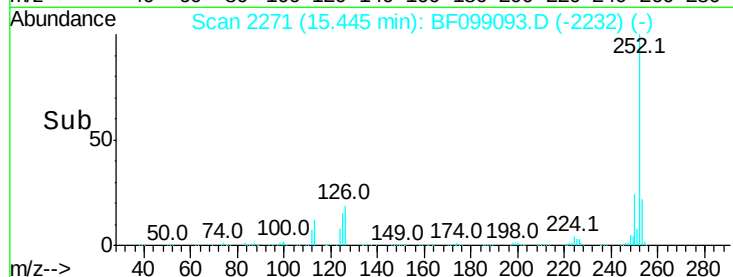
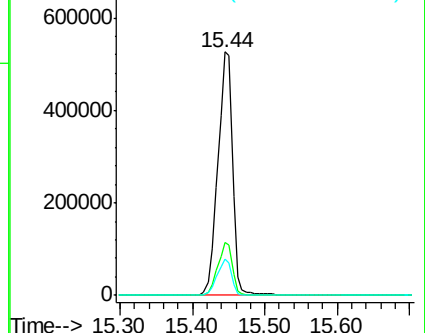
125 15.1 9.8 14.6#



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: 37.423 ng

RT: 17.01 min Scan# 2537

Delta R.T. -0.09 min

Lab File: BF099093.D

Acq: 5 Oct 2017 9:45

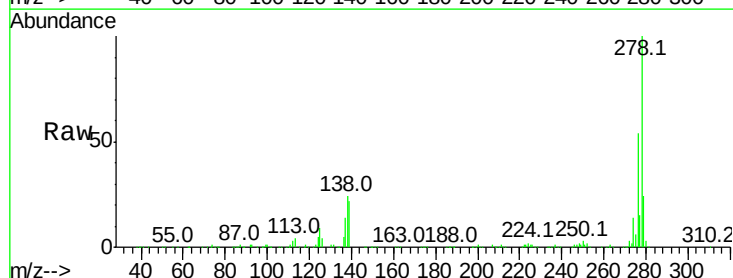
Tgt Ion:278 Resp: 563346

Ion Ratio Lower Upper

278 100

139 22.4 15.9 23.9

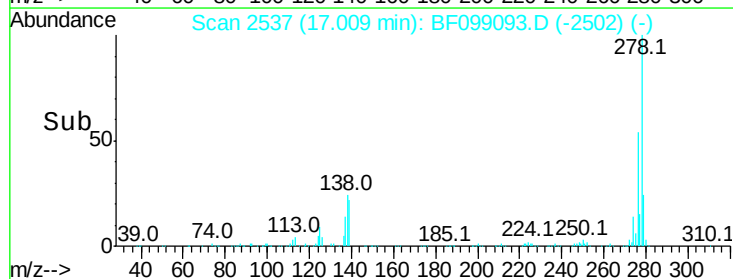
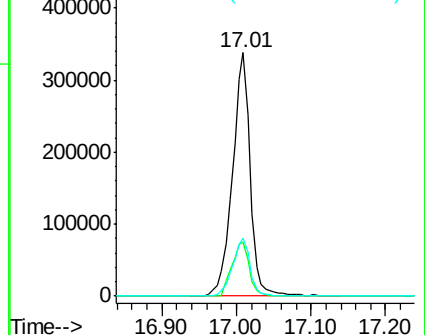
279 23.8 19.0 28.4

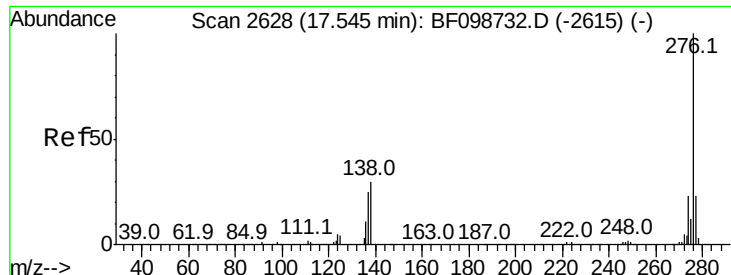


Abundance Ion 278.00 (277.70 to 278.70): E

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: 38.218 ng

RT: 17.44 min Scan# 2611

Delta R.T. -0.10 min

Lab File: BF099093.D

Acq: 5 Oct 2017 9:45

Instrument :

BNA_F

ClientSampleId :

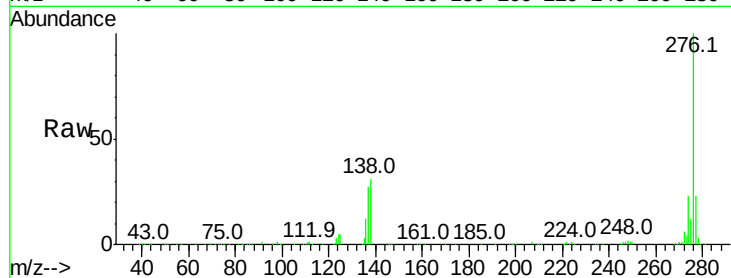
Tot Ion:276 Resp: 568687

Ion Ratio Lower Upper

276 100

277 23.3 17.9 26.9

138 31.5 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

