

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
 Data File : BF099192.D
 Acq On : 7 Oct 2017 14:14
 Operator : SJ/JU
 Sample : I5604-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 08 03:34:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	138166	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	558304	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	241171	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	364856	20.00	ng	0.00
75) Chrysene-d12	14.03	240	218897	20.00	ng	0.00
86) Perylene-d12	15.50	264	214224	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1018387	117.34	ng	0.03
7) Phenol-d6	6.51	99	1169613	109.24	ng	0.01
23) Nitrobenzene-d5	7.43	82	802679	92.20	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	246048	124.68	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1389110	96.16	ng	0.00
78) Terphenyl-d14	12.97	244	913191	94.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	133741	32.258	ng	# 80
3) Pyridine	3.59	79	211298	18.839	ng	94
4) n-Nitrosodimethylamine	3.52	42	155221	32.637	ng	84
6) Aniline	6.54	93	105616	7.309	ng	95
8) 2-Chlorophenol	6.66	128	359802	36.606	ng	97
9) Benzaldehyde	6.42	77	21713	3.496	ng	96
10) Phenol	6.52	94	390076	32.576	ng	95
11) bis(2-Chloroethyl)ether	6.60	93	356016	38.244	ng	99
12) 1,3-Dichlorobenzene	6.81	146	389706	37.859	ng	97
13) 1,4-Dichlorobenzene	6.89	146	389823	37.221	ng	97
14) 1,2-Dichlorobenzene	7.04	146	365104	37.728	ng	97
15) Benzyl Alcohol	7.01	79	280789	35.748	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	514224	35.455	ng	95
17) 2-Methylphenol	7.12	107	303494	37.737	ng	98
18) Hexachloroethane	7.37	117	136237	36.190	ng	96
19) n-Nitroso-di-n-propylamine	7.28	70	236760	34.635	ng	95
20) 3+4-Methylphenols	7.27	107	359320	35.317	ng	# 72
22) Acetophenone	7.28	105	488483	36.112	ng	# 98
24) Nitrobenzene	7.45	77	374374	37.909	ng	98
25) Isophorone	7.69	82	693603	38.535	ng	99
26) 2-Nitrophenol	7.77	139	209755	44.169	ng	# 86
27) 2,4-Dimethylphenol	7.80	122	329334	36.721	ng	96
28) bis(2-Chloroethoxy)methane	7.89	93	448471	39.982	ng	98
29) 2,4-Dichlorophenol	8.01	162	308665	40.086	ng	95
30) 1,2,4-Trichlorobenzene	8.09	180	310690	40.342	ng	98
31) Naphthalene	8.17	128	1040143	39.668	ng	99
32) Benzoic acid	7.93	122	231319	31.400	ng	94
33) 4-Chloroaniline	8.22	127	54183	4.948	ng	96
34) Hexachlorobutadiene	8.28	225	153208	38.623	ng	99
35) Caprolactam	8.60	113	64278	26.024	ng	91
36) 4-Chloro-3-methylphenol	8.70	107	316454	36.564	ng	95
37) 2-Methylnaphthalene	8.86	142	716070	42.008	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	281563	39.147	ng	99
40) Hexachlorocyclopentadiene	9.01	237	133853	40.723	ng	98

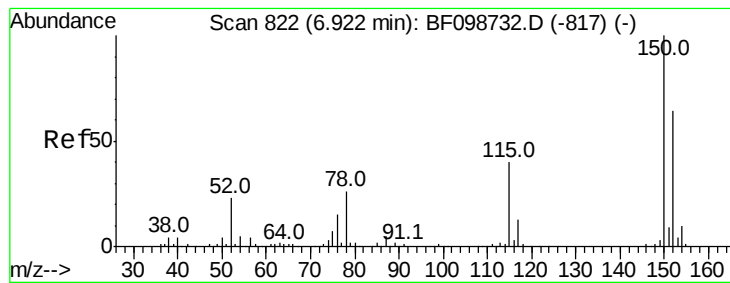
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	198380	38.934	nq	99
43) 2,4,5-Trichlorophenol	9.19	196	206562	40.611	nq	96
45) 1,1'-Biphenyl	9.33	154	819682	39.546	nq	98
46) 2-Chloronaphthalene	9.35	162	640781	41.175	nq	97
47) 2-Nitroaniline	9.45	65	183024	38.408	nq	92
48) Acenaphthylene	9.77	152	952729	39.991	nq	100
49) Dimethylphthalate	9.63	163	769805	42.292	nq	99
50) 2,6-Dinitrotoluene	9.69	165	167452	42.256	nq #	86
51) Acenaphthene	9.94	154	560043	37.111	nq	98
52) 3-Nitroaniline	9.86	138	52800	11.427	nq	92
53) 2,4-Dinitrophenol	9.97	184	107350	54.070	nq	95
54) Dibenzofuran	10.11	168	839379	41.775	nq	99
55) 4-Nitrophenol	10.03	139	224875	57.557	nq	87
56) 2,4-Dinitrotoluene	10.10	165	209056	40.649	nq	87
57) Fluorene	10.45	166	634899	39.313	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	147441	41.962	nq	97
59) Diethylphthalate	10.32	149	723380	40.671	nq	99
60) 4-Chlorophenyl-phenylether	10.44	204	291934	40.241	nq	99
61) 4-Nitroaniline	10.47	138	148199	33.245	nq	90
62) Azobenzene	10.60	77	642263	39.273	nq	93
64) 4,6-Dinitro-2-methylphenol	10.50	198	73456	33.090	nq	86
65) n-Nitrosodiphenylamine	10.56	169	570416	45.129	nq	98
66) 4-Bromophenyl-phenylether	10.93	248	167738	46.968	nq	91
67) Hexachlorobenzene	11.00	284	160054	41.961	nq	99
68) Atrazine	11.09	200	128190	33.709	nq	98
69) Pentachlorophenol	11.20	266	158101	66.600	nq	99
70) Phenanthrene	11.42	178	830323	42.516	nq	99
71) Anthracene	11.47	178	851004	42.587	nq	99
72) Carbazole	11.62	167	748602	38.256	nq	99
73) Di-n-butylphthalate	11.95	149	1027536	43.625	nq	99
74) Fluoranthene	12.60	202	720500	36.433	nq	98
76) Benzidine	12.72	184	22086	2.728	nq	95
77) Pyrene	12.83	202	727446	43.581	nq	99
79) Butylbenzylphthalate	13.44	149	356569	45.453	nq	97
80) Benzo(a)anthracene	14.02	228	559390	42.203	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	103911	21.385	nq	99
82) Chrysene	14.06	228	538853	42.701	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	485197	44.918	nq #	100
84) Di-n-octyl phthalate	14.60	149	769574	44.246	nq	95
85) Indeno(1,2,3-cd)pyrene	16.99	276	490980	48.638	nq	96
87) Benzo(b)fluoranthene	15.07	252	559785	42.500	nq #	95
88) Benzo(k)fluoranthene	15.10	252	505603	38.864	nq	98
89) Benzo(a)pyrene	15.44	252	512402	42.381	nq #	96
90) Dibenzo(a,h)anthracene	17.00	278	413959	42.783	nq	99
91) Benzo(g,h,i)perylene	17.43	276	400604	41.885	nq	94

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

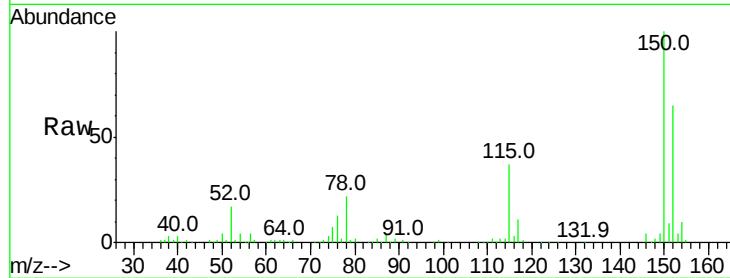


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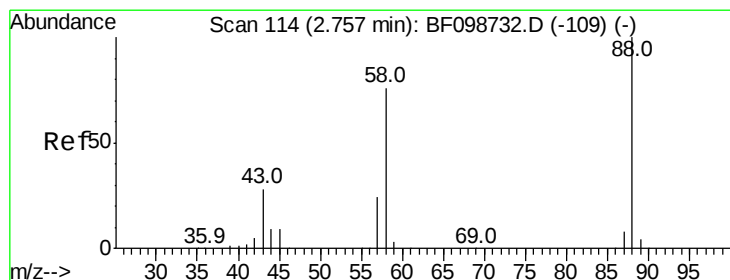
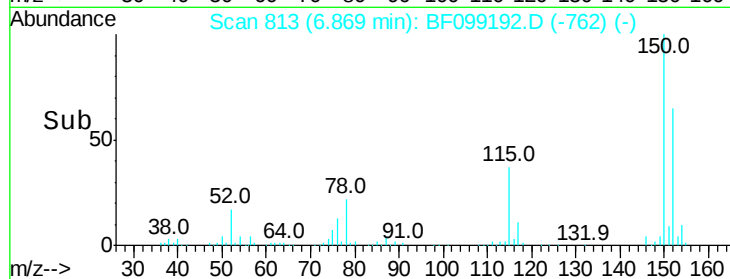
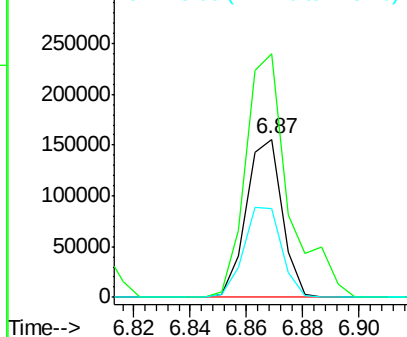
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 138166
Ion Ratio Lower Upper
152 100
150 154.2 124.6 186.8
115 56.3 50.1 75.1



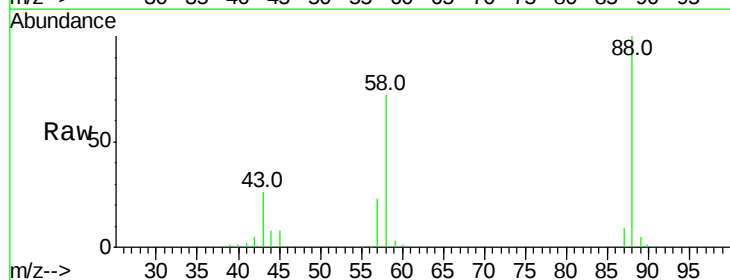
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



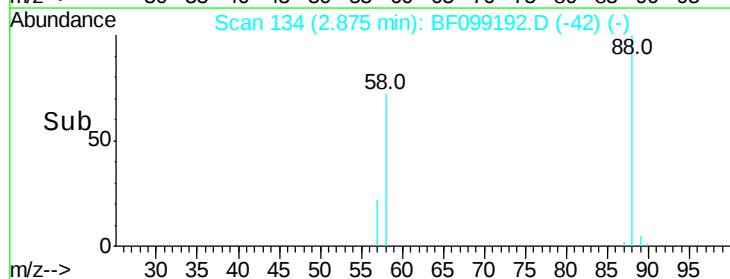
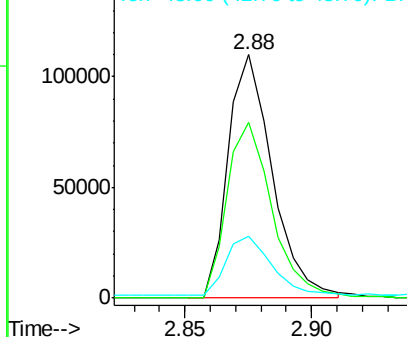
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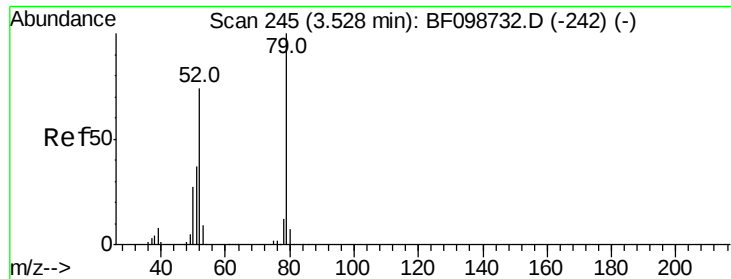
1,4-Dioxane
Concen: 32.258 ng
RT: 2.88 min Scan# 134
Delta R.T. 0.24 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Tgt Ion: 88 Resp: 133741
Ion Ratio Lower Upper
88 100
58 73.2 62.6 93.8
43 0.0 24.6 37.0#



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

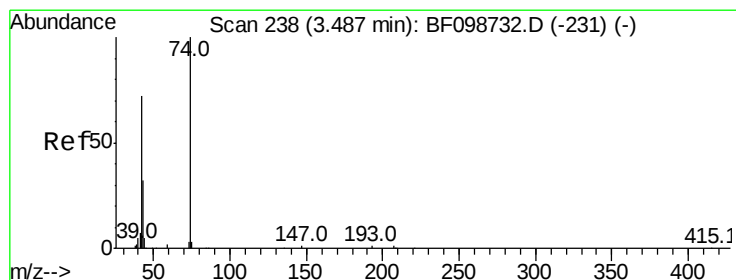
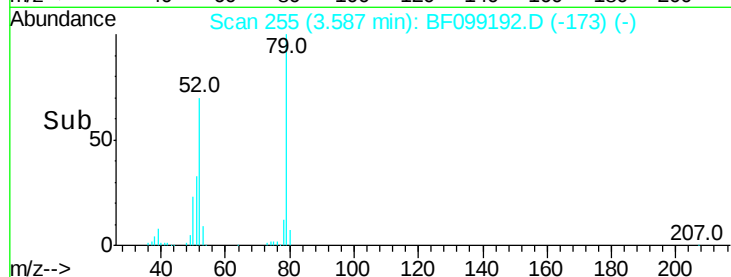
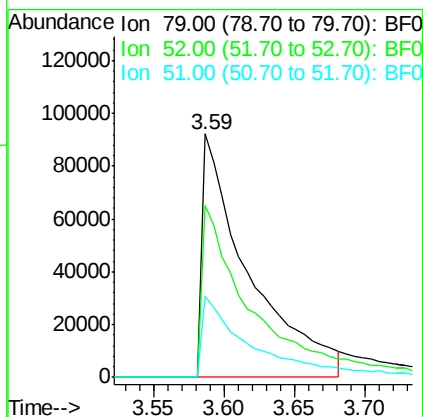
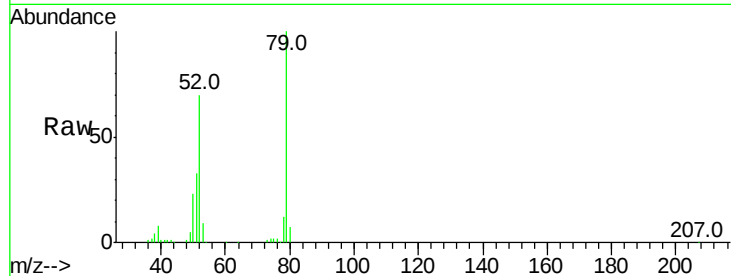




#3
 Pvridine
 Concen: 18.839 ng
 RT: 3.59 min Scan# 255
 Delta R.T. 0.18 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

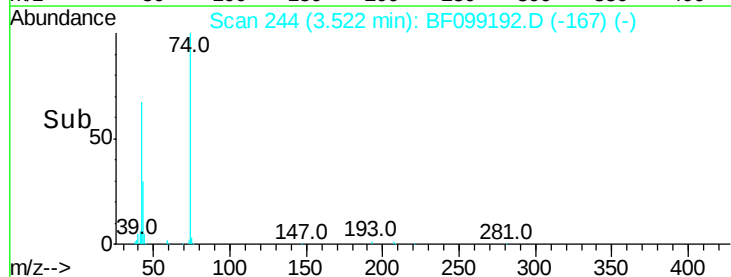
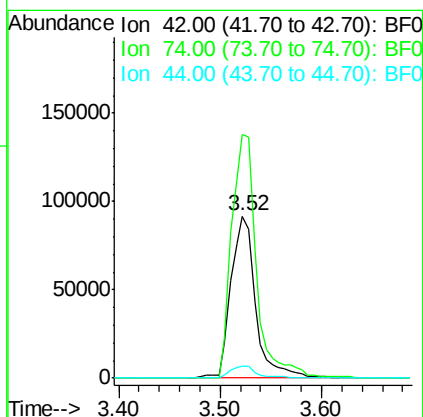
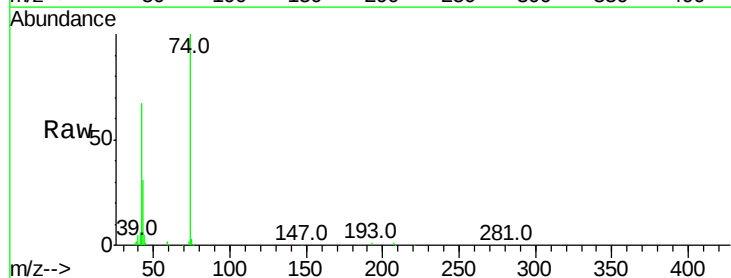
Instrument :
 BNA_F
 ClientSampleId :

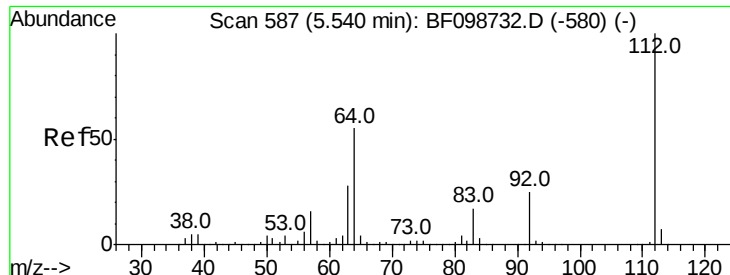
Tot Ion: 79 Resp: 211298
 Ion Ratio Lower Upper
 79 100
 52 70.5 59.8 89.6
 51 33.3 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 32.637 ng
 RT: 3.52 min Scan# 244
 Delta R.T. 0.15 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Tgt Ion: 42 Resp: 155221
 Ion Ratio Lower Upper
 42 100
 74 150.2 104.9 157.3
 44 7.1 6.9 10.3





#5

2-Fluorophenol

Concen: 117.335 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.03 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

Instrument :

BNA_F

ClientSampleId :

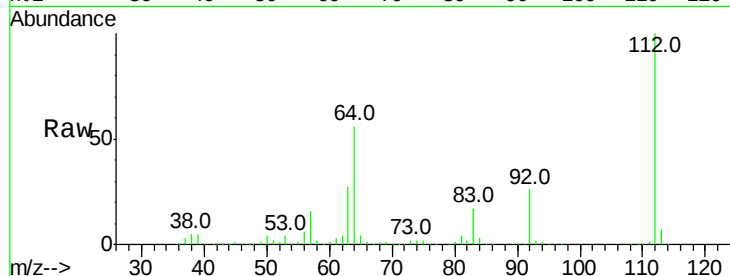
Tot Ion:112 Resp: 1018387

Ion Ratio Lower Upper

112 100

64 55.8 47.9 71.9

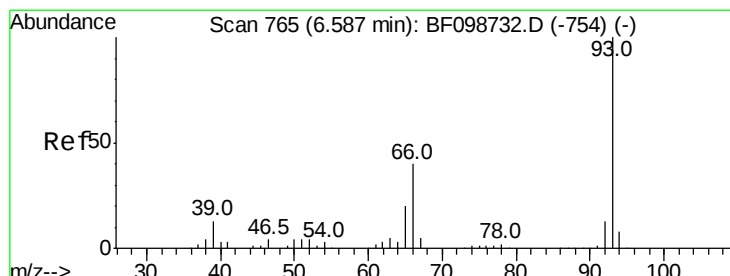
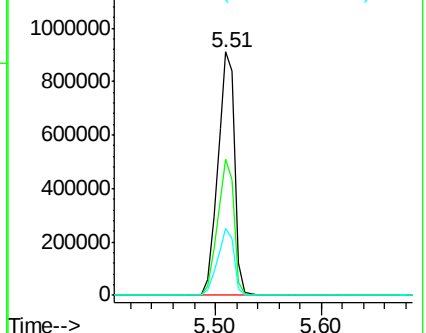
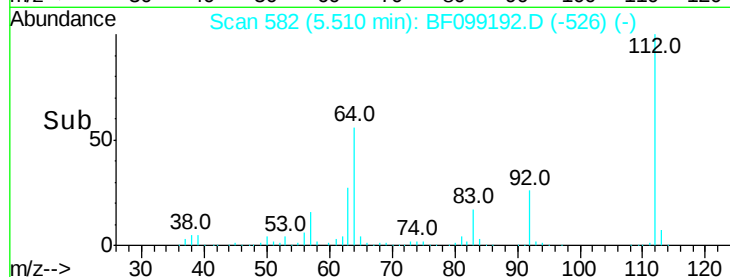
63 27.4 23.7 35.5



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: 7.309 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

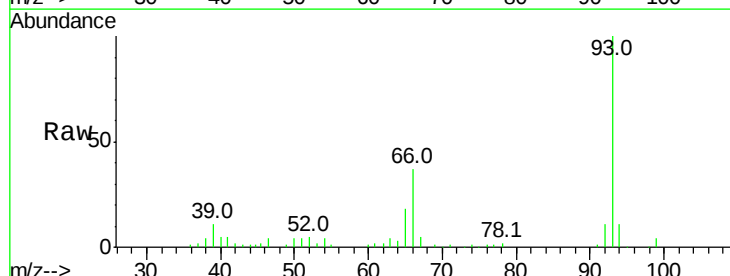
Tgt Ion: 93 Resp: 105616

Ion Ratio Lower Upper

93 100

66 37.0 32.2 48.2

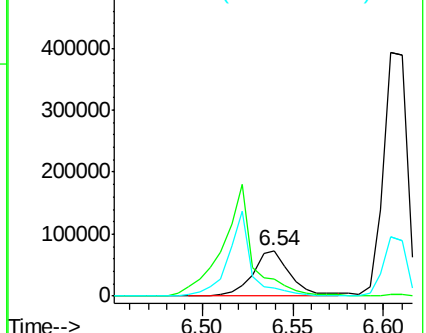
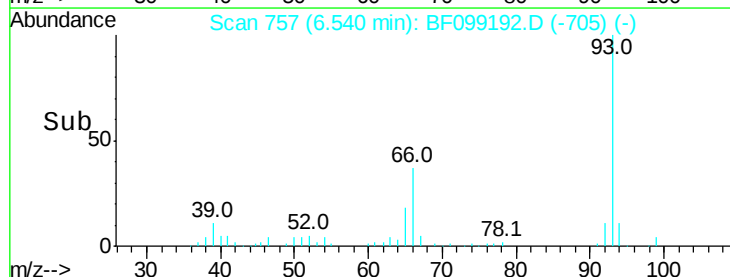
65 18.0 16.4 24.6

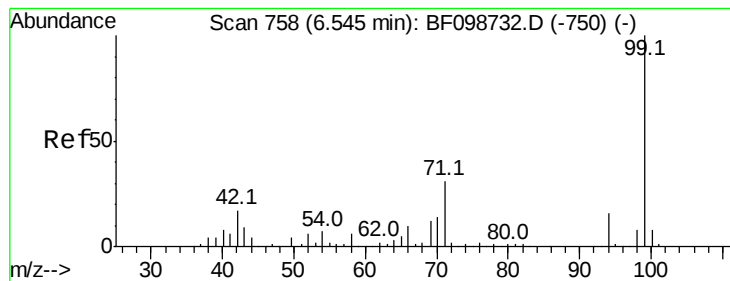


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 109.239 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

Instrument :

BNA_F

ClientSampleId :

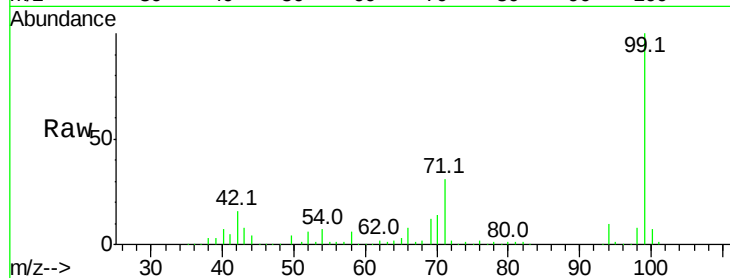
Tot Ion: 99 Resp: 1169613

Ion Ratio Lower Upper

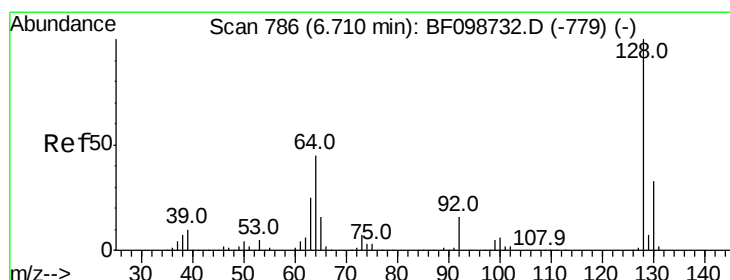
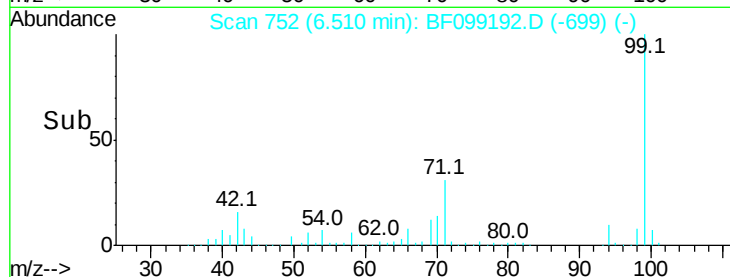
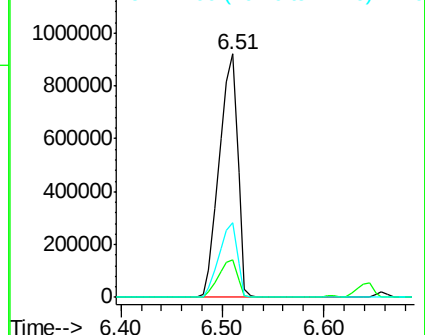
99 100

42 15.6 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: 36.606 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

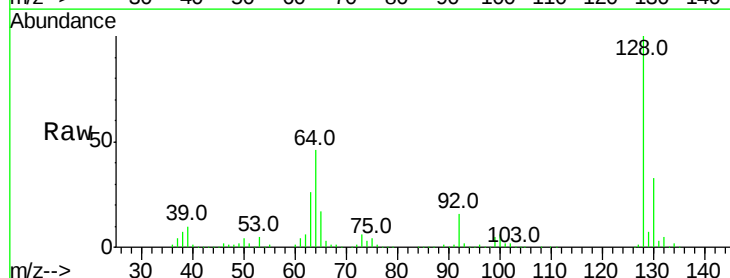
Tgt Ion:128 Resp: 359802

Ion Ratio Lower Upper

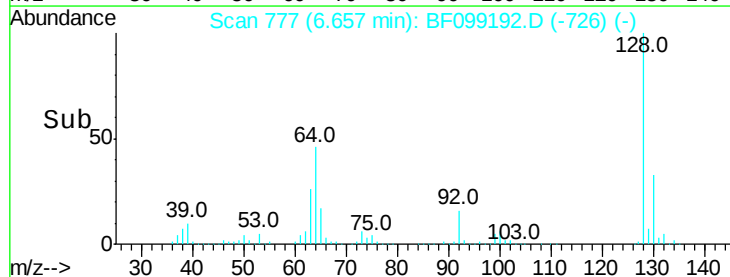
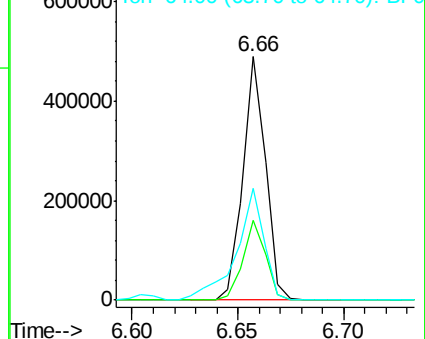
128 100

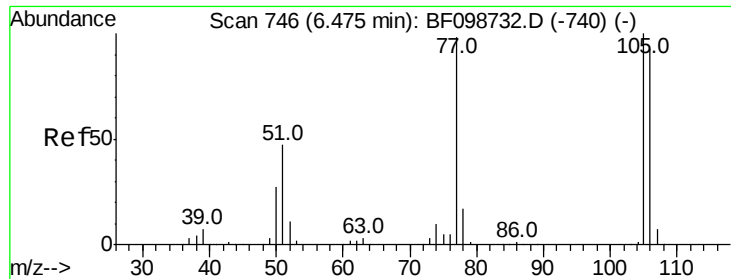
130 32.9 13.0 53.0

64 45.8 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

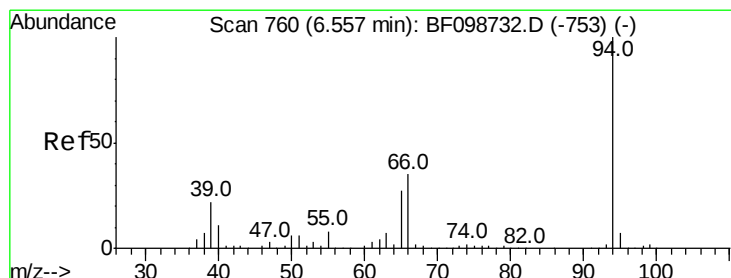
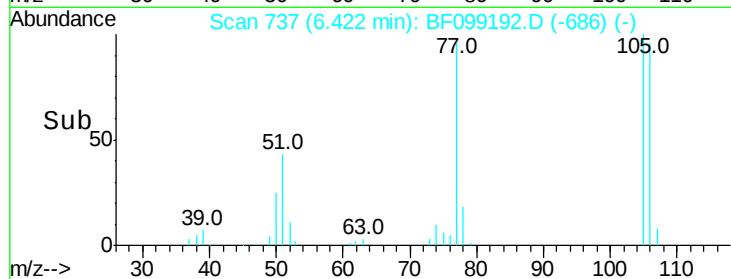
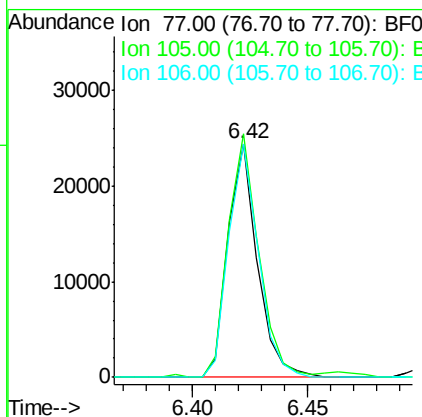
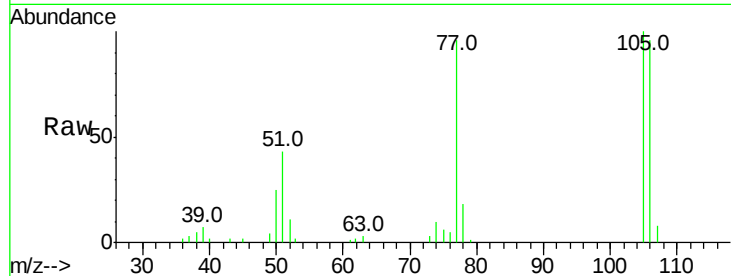




#9
Benzaldehyde
Concen: 3.496 ng
RT: 6.42 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

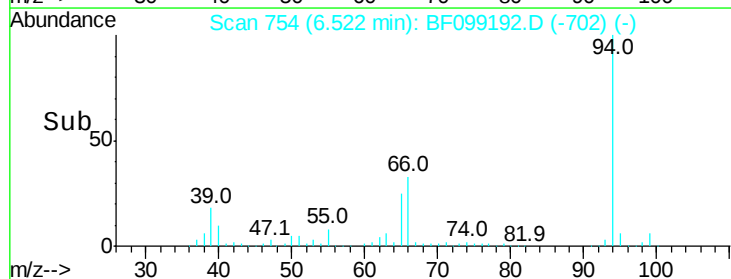
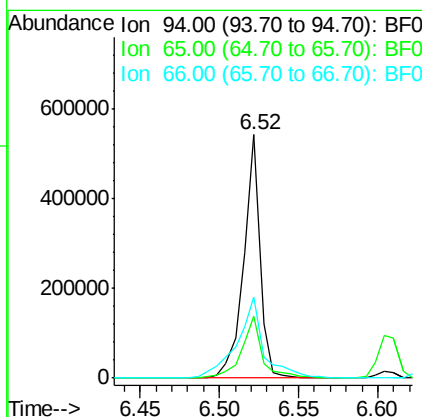
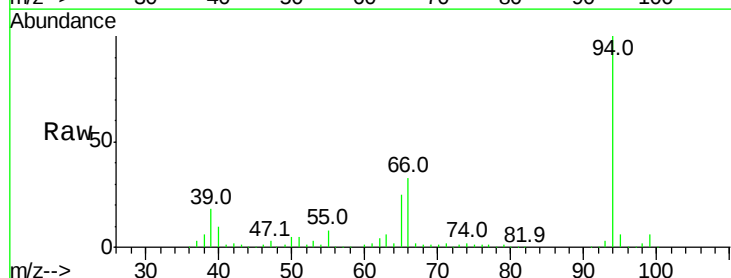
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 21713
Ion Ratio Lower Upper
77 100
105 104.1 81.1 121.1
106 100.0 74.5 114.5



#10
Phenol
Concen: 32.576 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.01 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Tgt Ion: 94 Resp: 390076
Ion Ratio Lower Upper
94 100
65 25.2 7.9 47.9
66 33.1 16.2 56.2

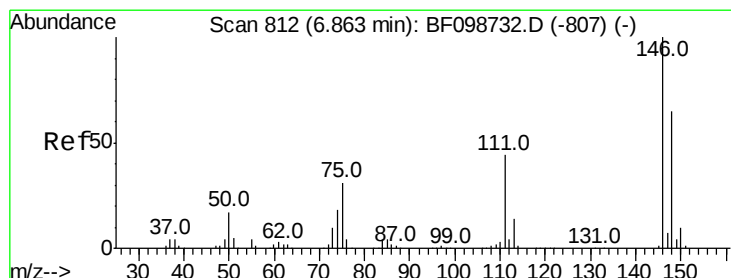
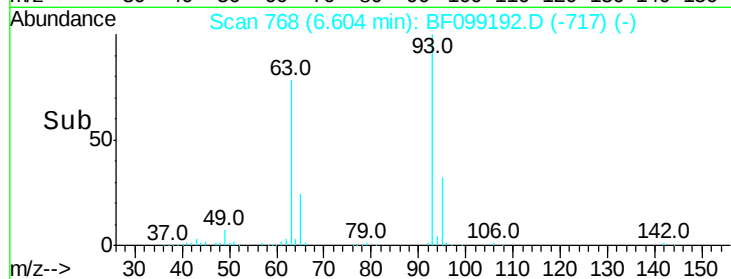
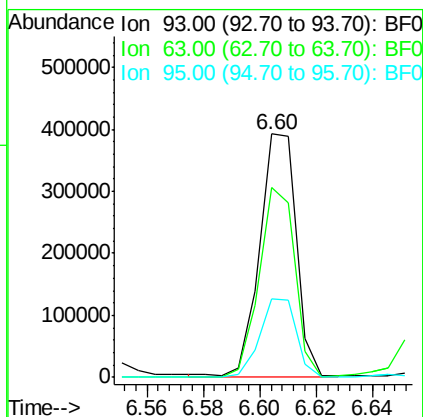
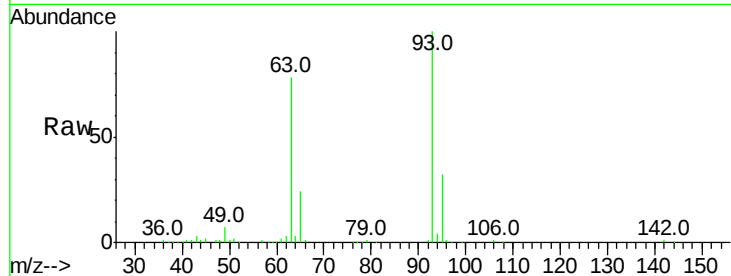




#11
bis(2-Chloroethyl)ether
Concen: 38.244 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

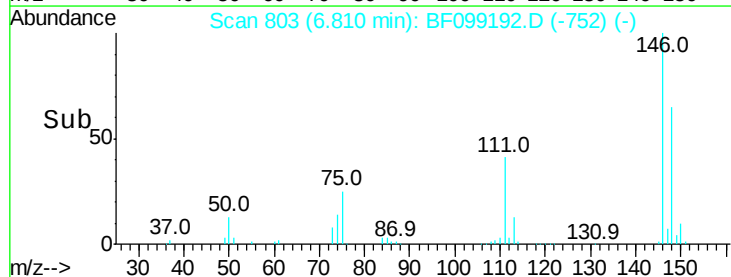
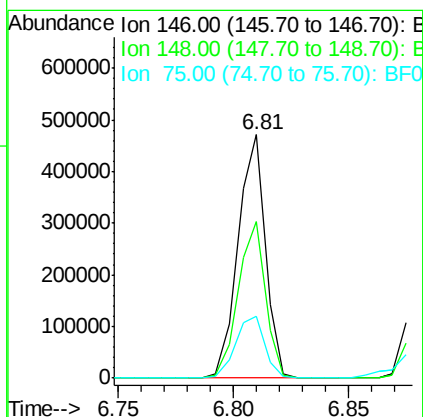
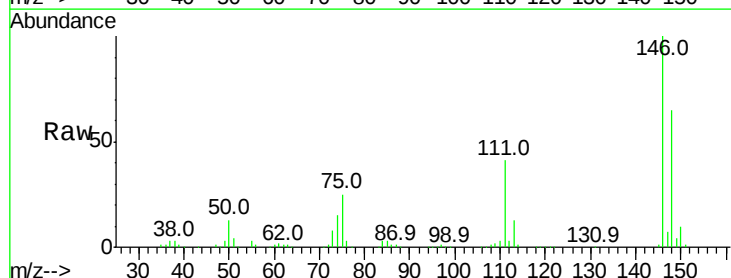
Instrument :
BNA_F
ClientSampled :

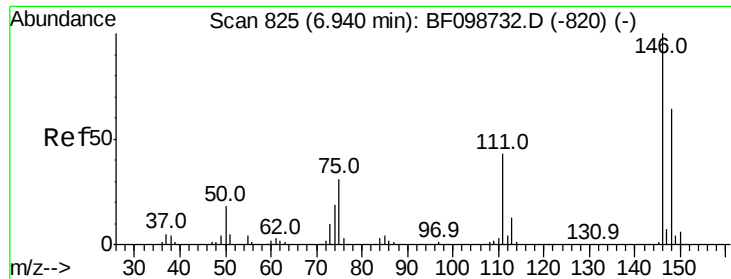
Tot Ion: 93 Resp: 356016
Ion Ratio Lower Upper
93 100
63 78.0 58.6 98.6
95 32.1 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 37.859 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Tgt Ion: 146 Resp: 389706
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.8
75 25.3 24.2 36.4

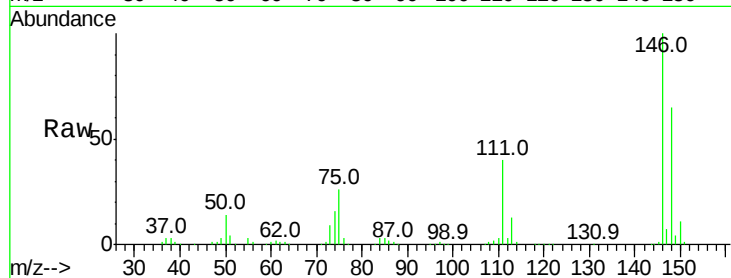




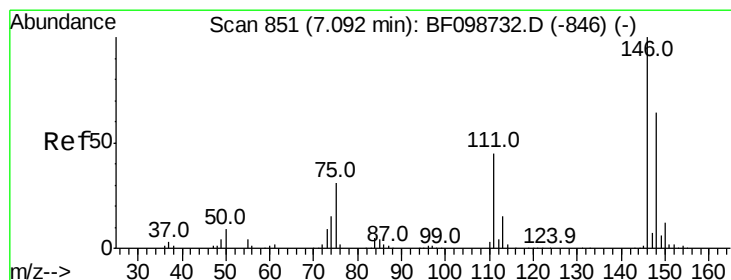
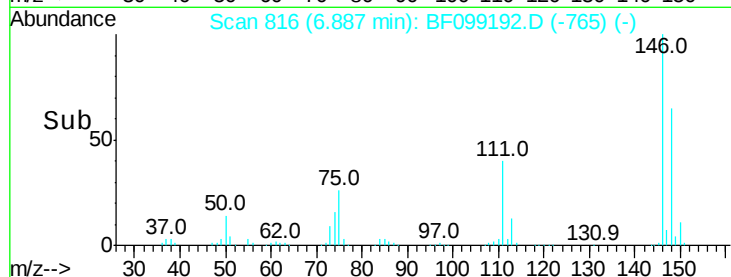
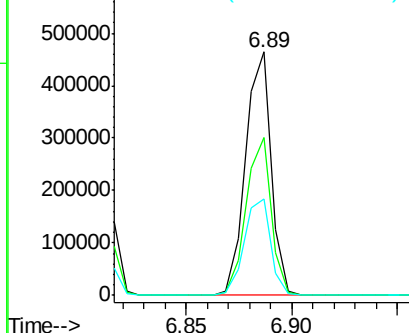
#13
 1,4-Dichlorobenzene
 Concen: 37.221 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 389823
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.8 76.2
 111 39.8 34.2 51.2

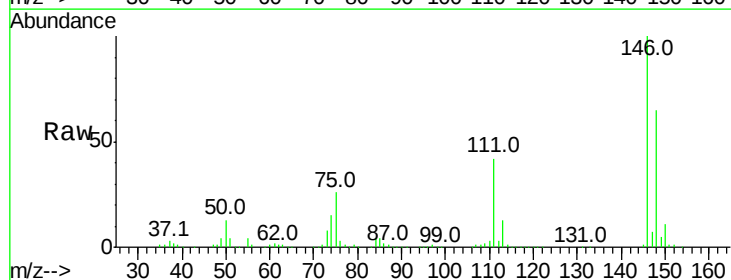


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

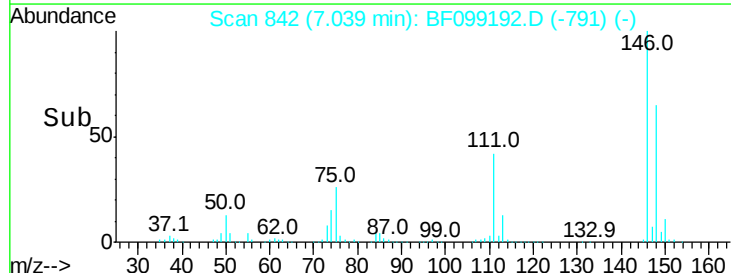
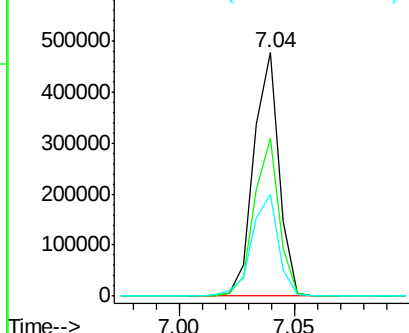


#14
 1,2-Dichlorobenzene
 Concen: 37.728 ng
 RT: 7.04 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Tgt Ion:146 Resp: 365104
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.6 75.8
 111 41.6 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: 35.748 ng

RT: 7.01 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

Instrument :
BNA_F
ClientSampled :

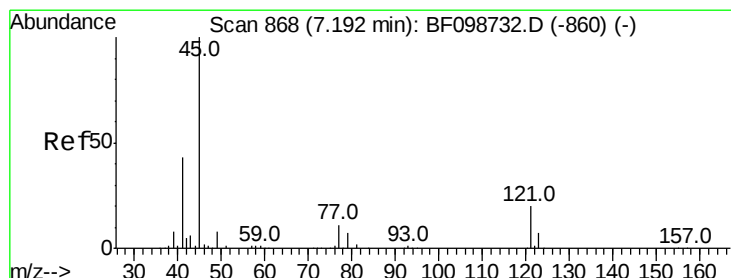
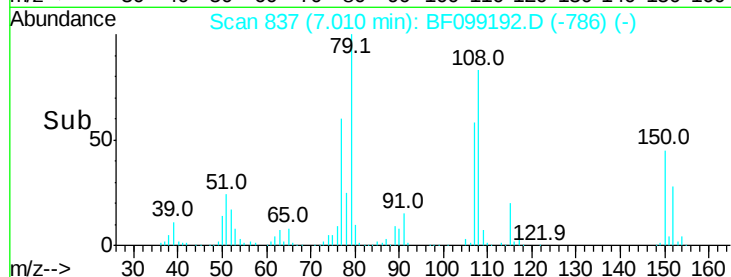
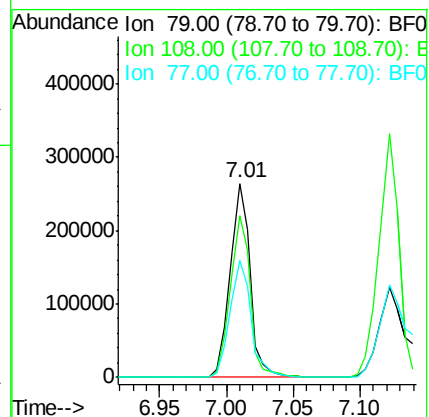
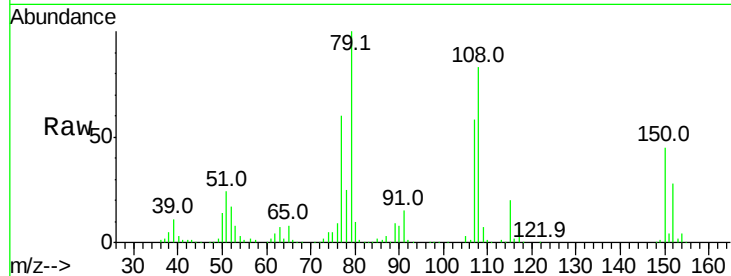
Tot Ion: 79 Resp: 280789

Ion Ratio Lower Upper

79 100

108 83.2 65.1 97.7

77 60.4 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.455 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

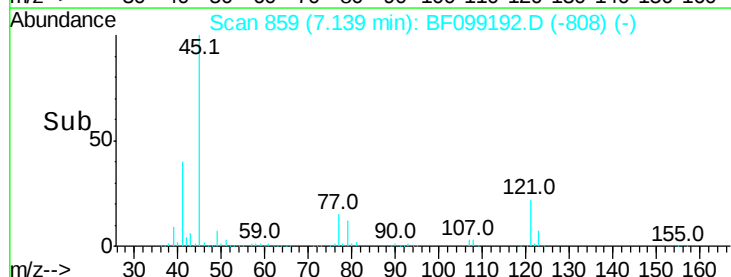
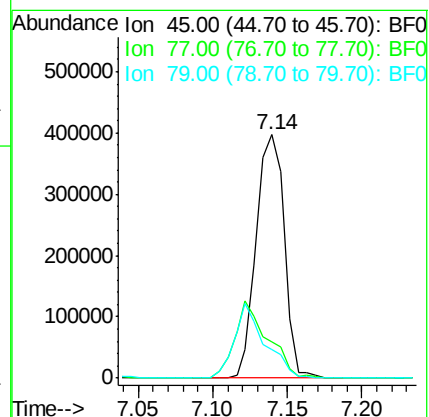
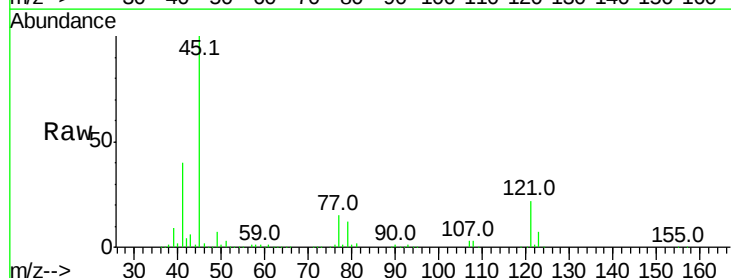
Tgt Ion: 45 Resp: 514224

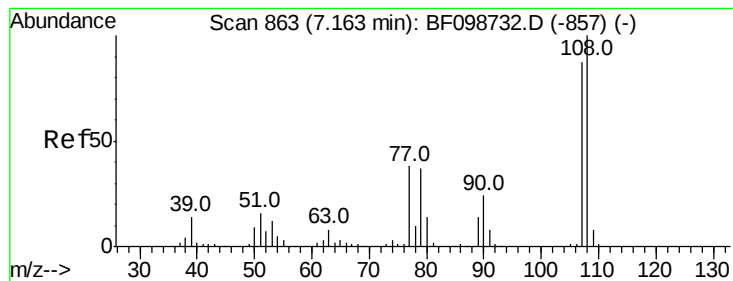
Ion Ratio Lower Upper

45 100

77 14.8 0.0 32.9

79 11.7 0.0 29.6

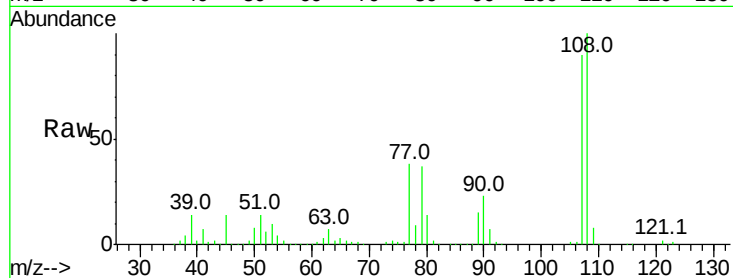




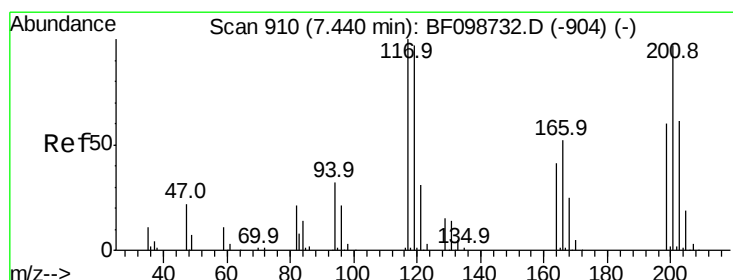
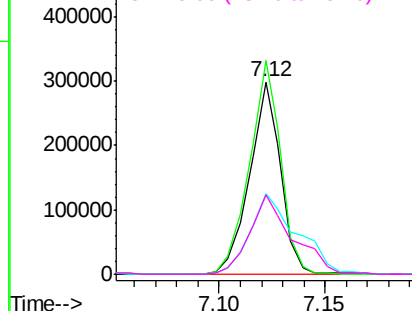
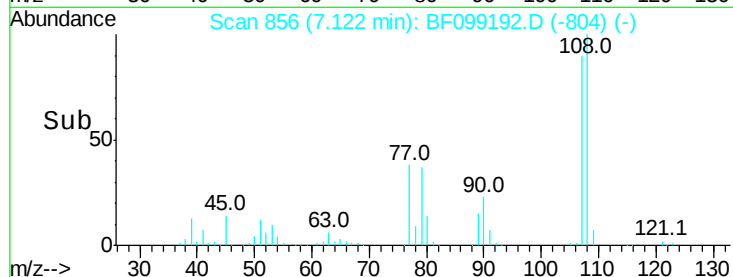
#17
2-Methylphenol
Concen: 37.737 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 303494
Ion Ratio Lower Upper
107 100
108 110.9 91.7 137.5
77 42.1 33.8 50.8
79 40.9 33.8 50.8

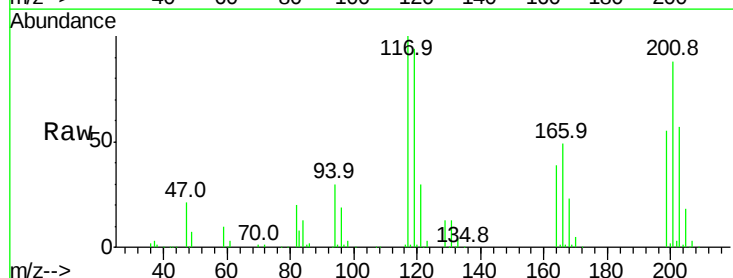


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

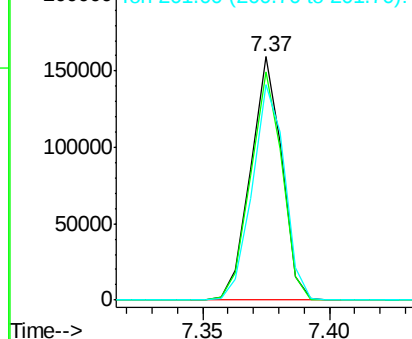
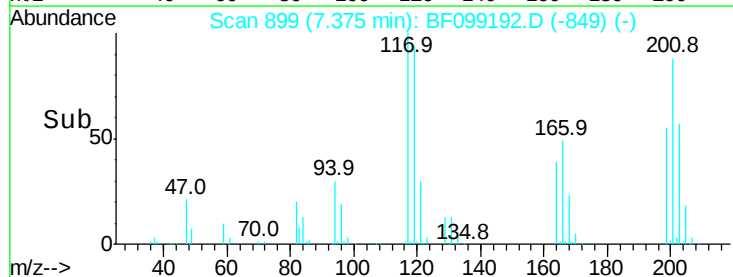


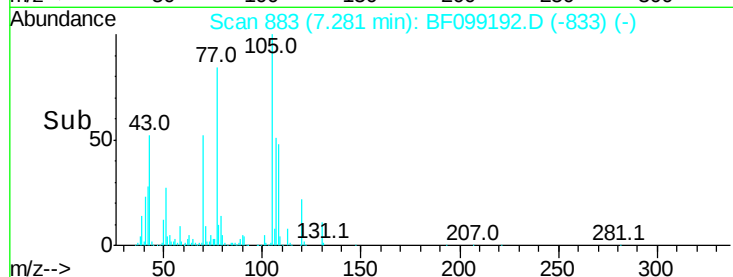
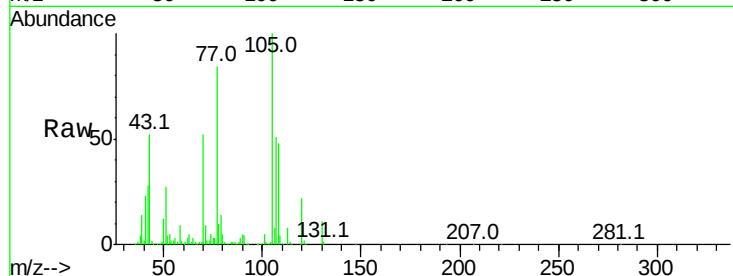
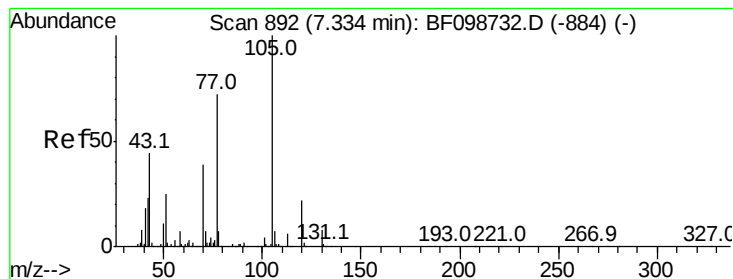
#18
Hexachloroethane
Concen: 36.190 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Tgt Ion:117 Resp: 136237
Ion Ratio Lower Upper
117 100
119 93.7 75.8 113.8
201 88.2 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: 34.635 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 236760

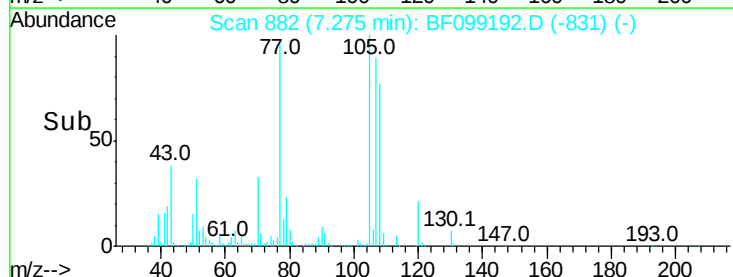
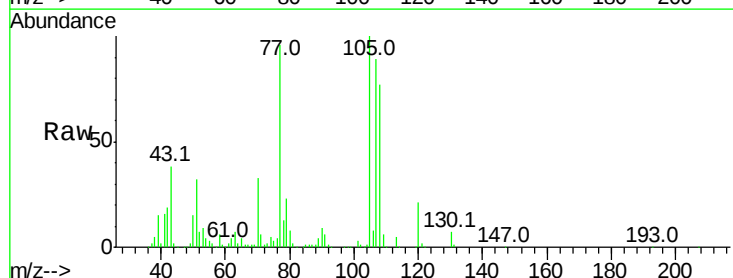
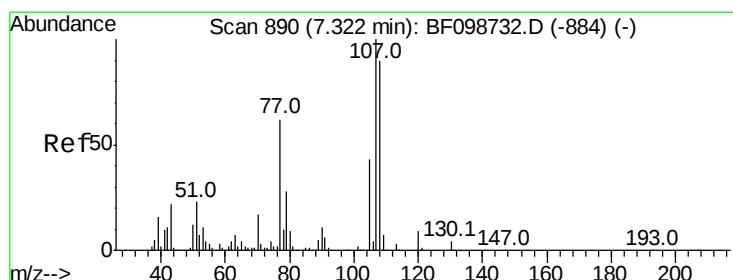
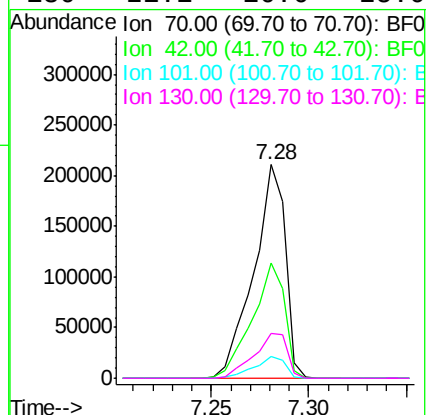
Ion Ratio Lower Upper

70 100

42 53.9 47.5 71.3

101 9.9 7.4 11.2

130 21.1 16.6 25.0



#20

3+4-Methylphenols

Concen: 35.317 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.00 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

Tgt Ion:107 Resp: 359320

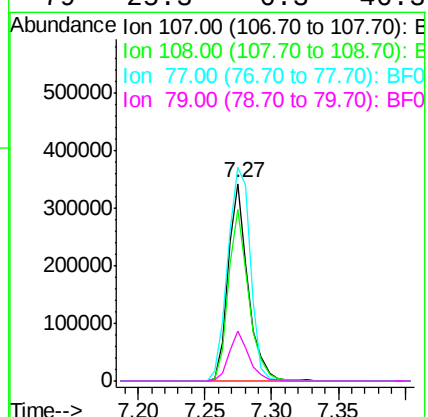
Ion Ratio Lower Upper

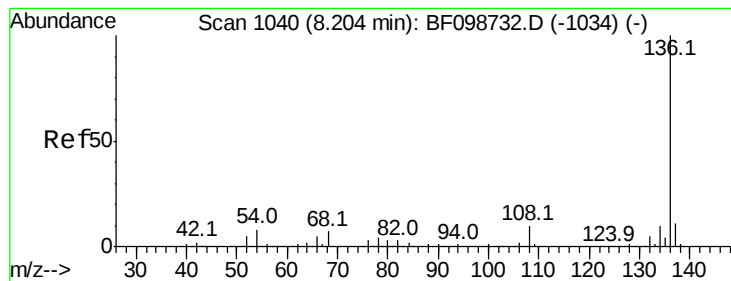
107 100

108 86.8 68.2 108.2

77 108.3 26.7 66.7#

79 25.3 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 558304

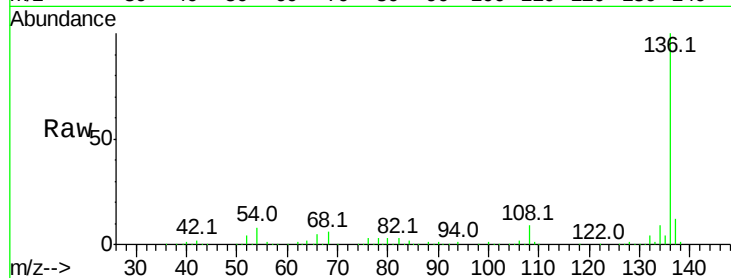
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 8.0 6.6 9.8

68 6.5 5.0 7.4

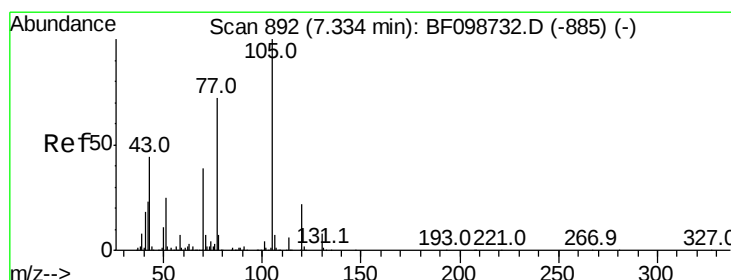
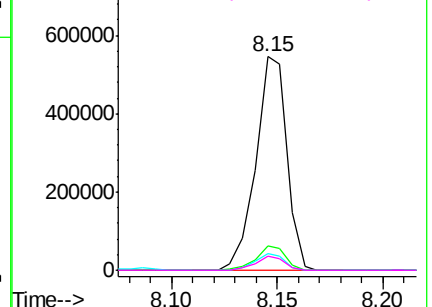
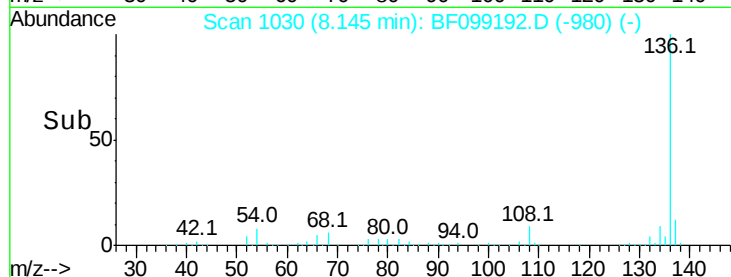


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.112 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

Tgt Ion:105 Resp: 488483

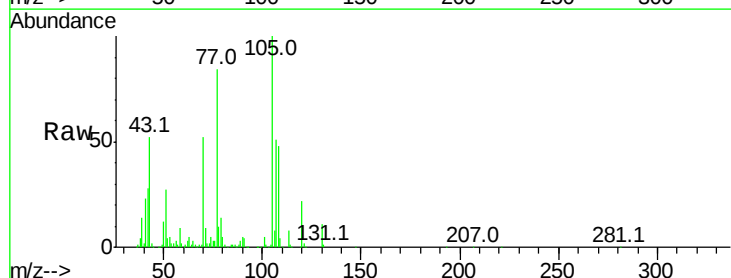
Ion Ratio Lower Upper

105 100

71 8.6 4.4 6.6#

51 27.4 22.3 33.5

120 21.9 16.9 25.3

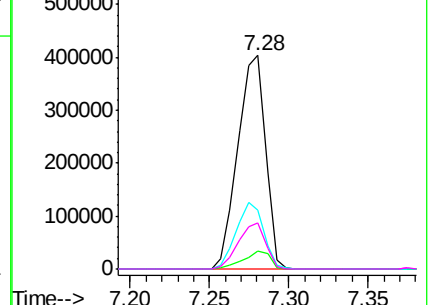
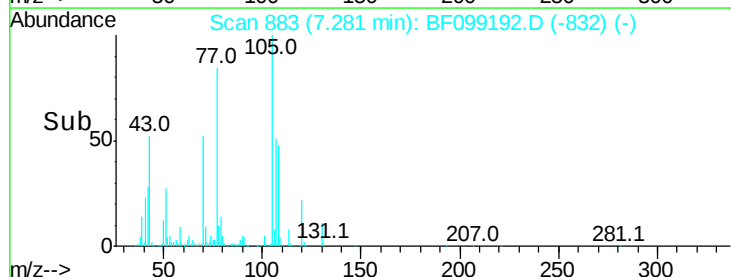


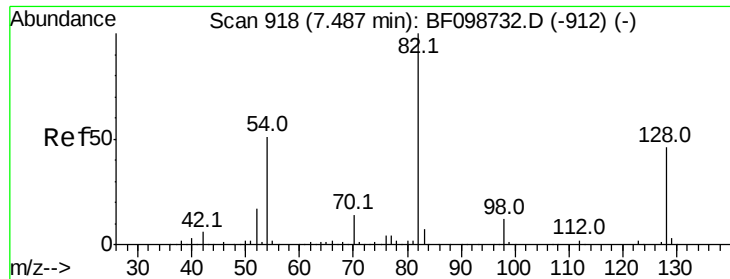
Abundance Ion 105.00 (104.70 to 105.70): E

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

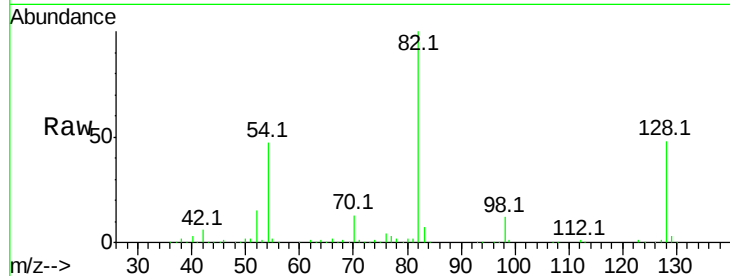




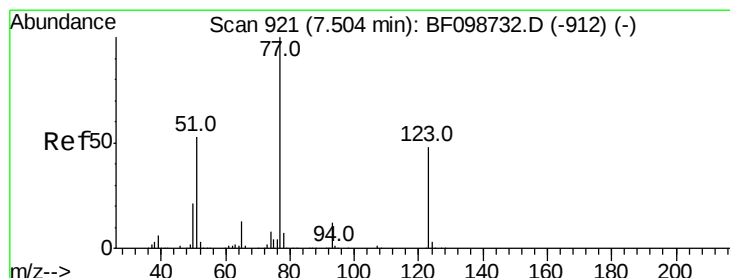
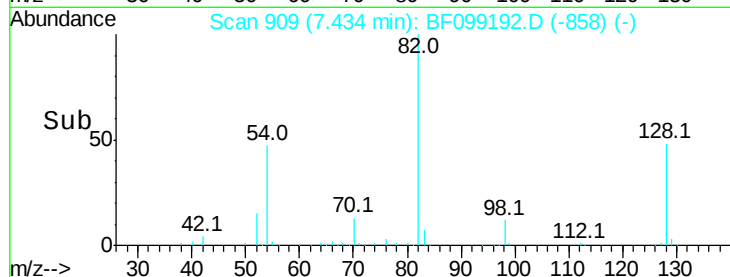
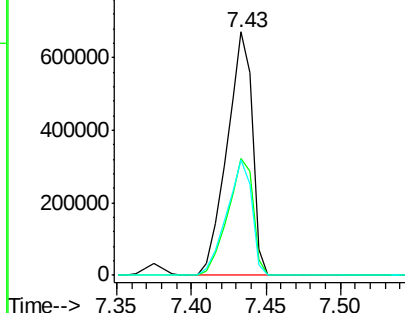
#23
 Nitrobenzene-d5
 Concen: 92.201 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 802679
 Ion Ratio Lower Upper
 82 100
 128 47.8 36.1 54.1
 54 47.4 41.4 62.2

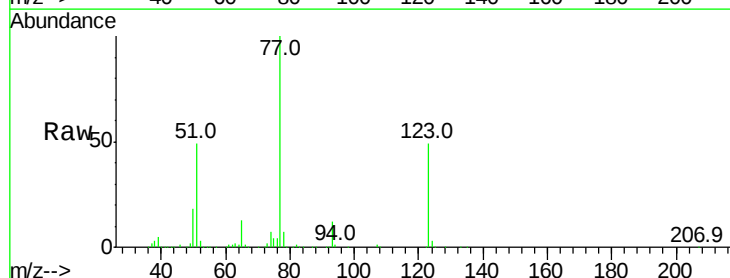


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

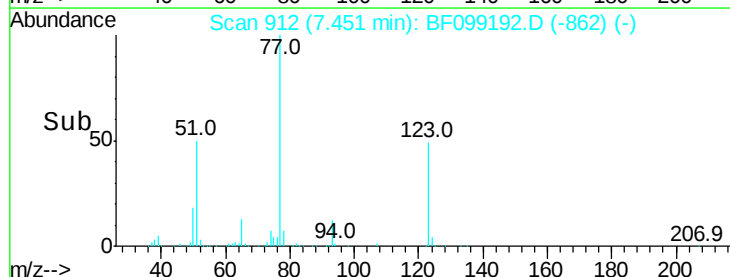
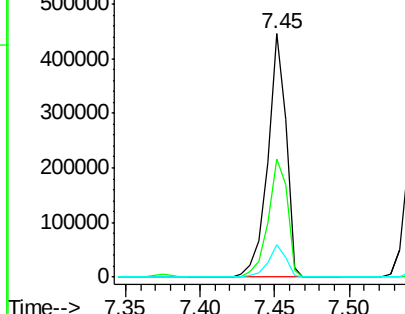


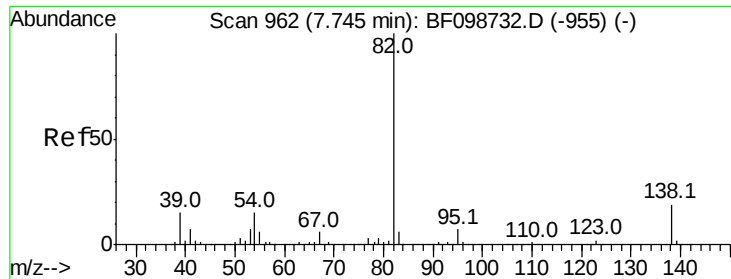
#24
 Nitrobenzene
 Concen: 37.909 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Tgt Ion: 77 Resp: 374374
 Ion Ratio Lower Upper
 77 100
 123 48.6 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: 38.535 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

Instrument :

BNA_F

ClientSampleId :

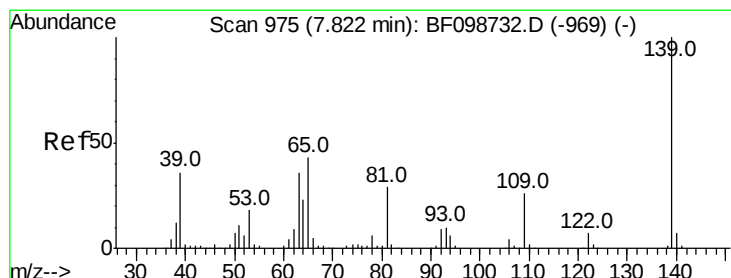
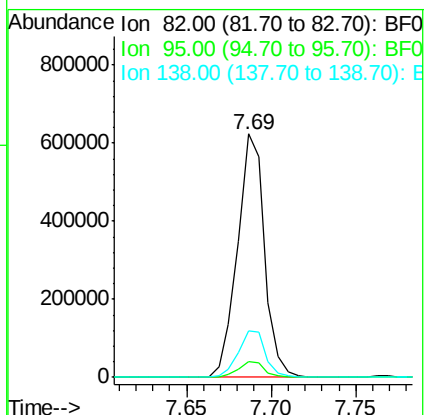
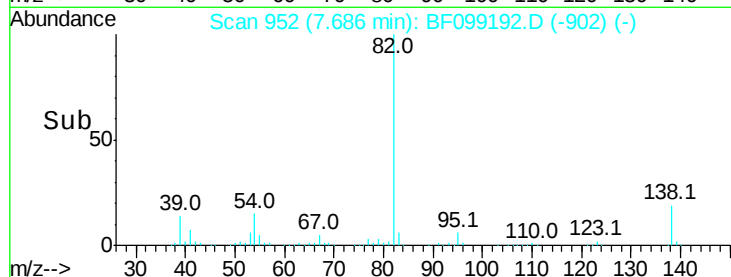
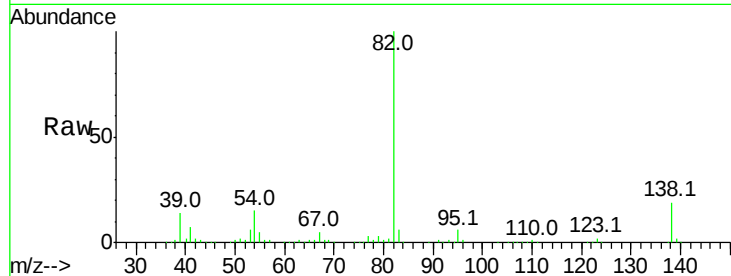
Tot Ion: 82 Resp: 693603

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 19.1 14.9 22.3



#26

2-Nitrophenol

Concen: 44.169 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

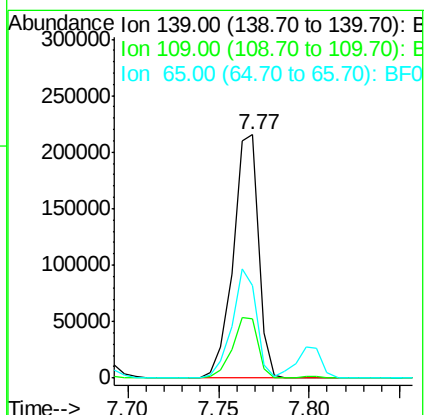
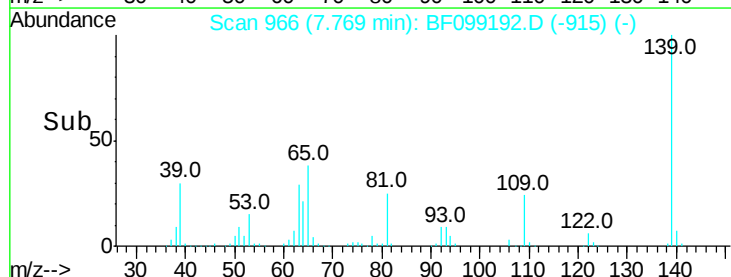
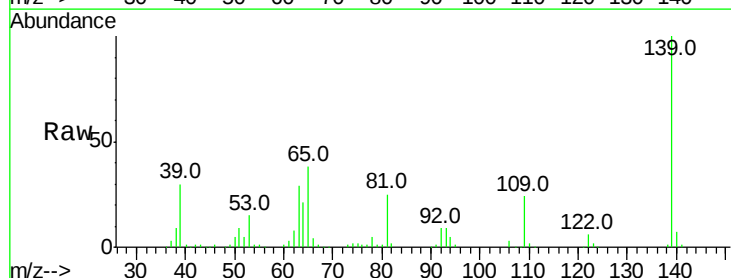
Tgt Ion:139 Resp: 209755

Ion Ratio Lower Upper

139 100

109 24.4 22.7 34.1

65 38.0 40.5 60.7#

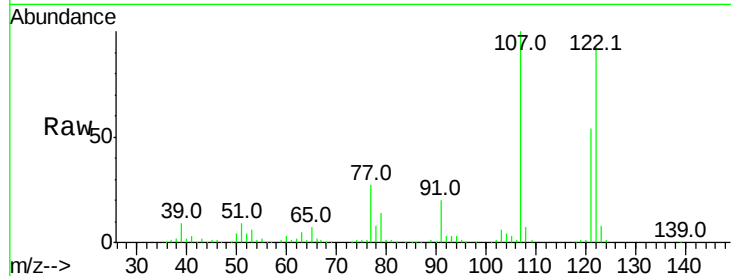




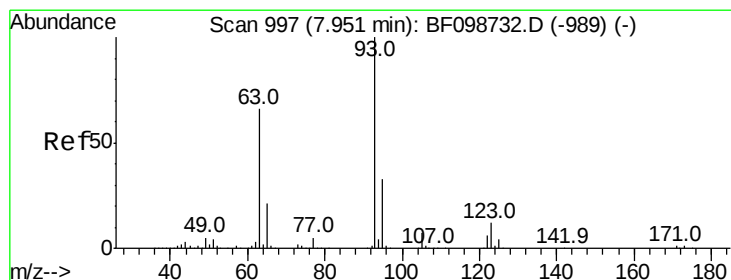
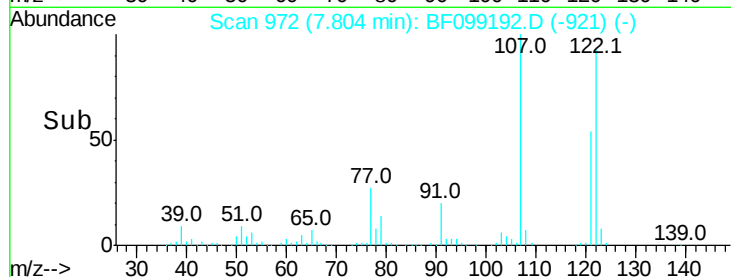
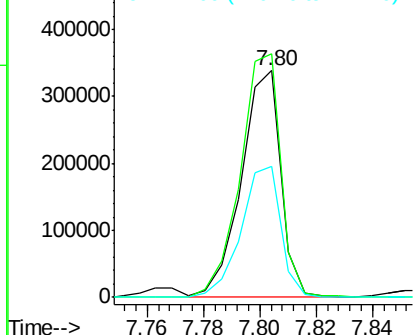
#27
 2,4-Dimethylphenol
 Concen: 36.721 ng
 RT: 7.80 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 329334
 Ion Ratio Lower Upper
 122 100
 107 107.5 91.2 136.8
 121 58.1 47.2 70.8

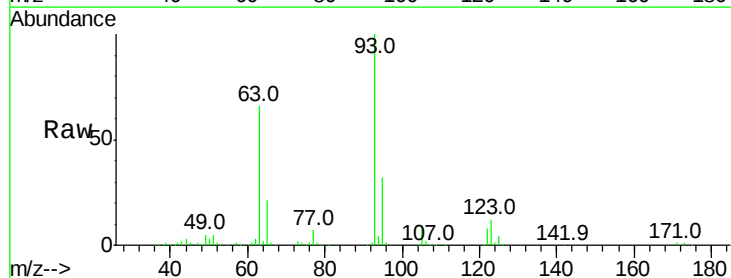


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

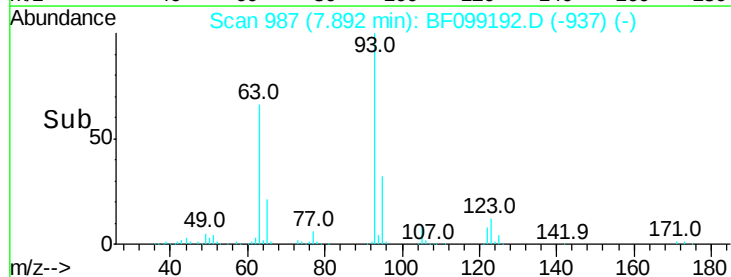
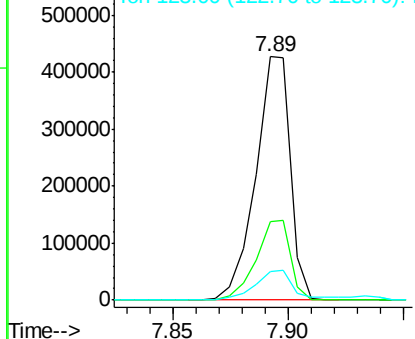


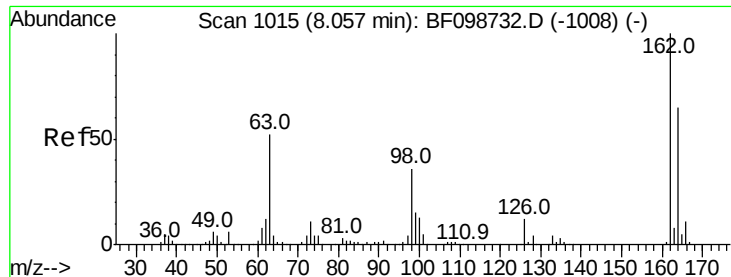
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.982 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Tgt Ion: 93 Resp: 448471
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.3 39.5
 123 11.6 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

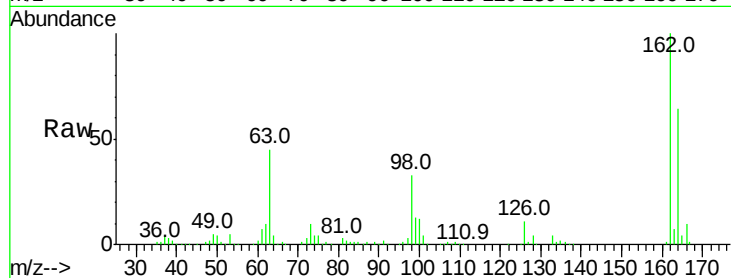




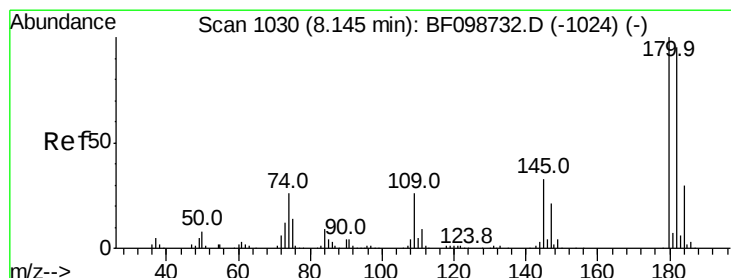
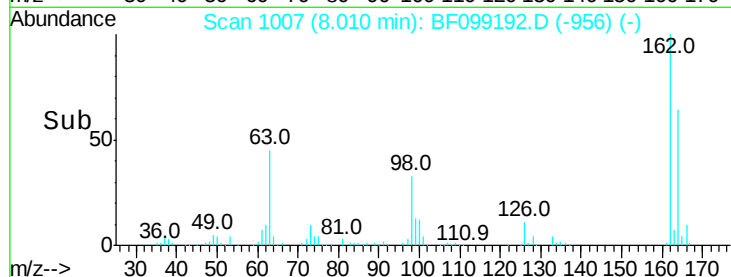
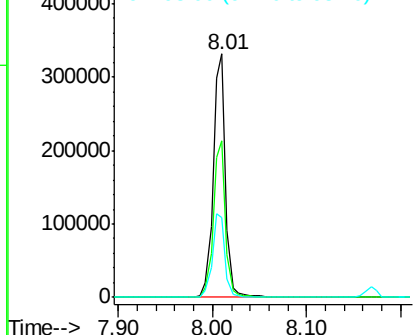
#29
 2,4-Dichlorophenol
 Concen: 40.086 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. 0.00 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 308665
 Ion Ratio Lower Upper
 162 100
 164 64.4 42.7 82.7
 98 32.9 18.1 58.1

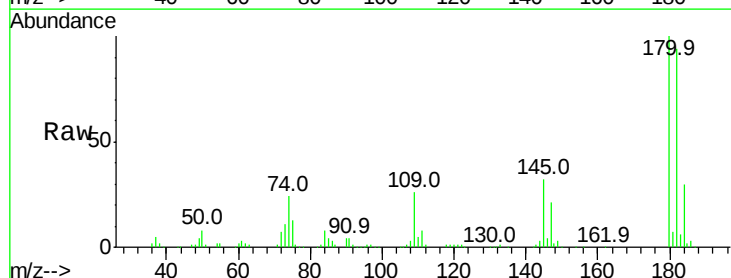


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

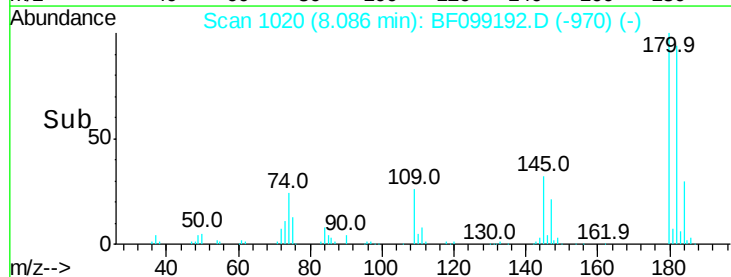
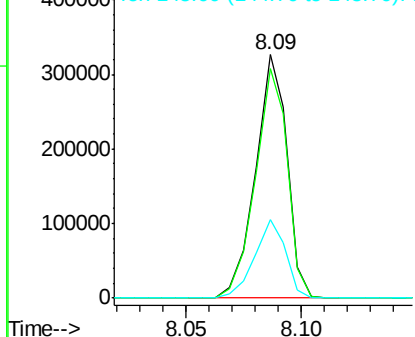


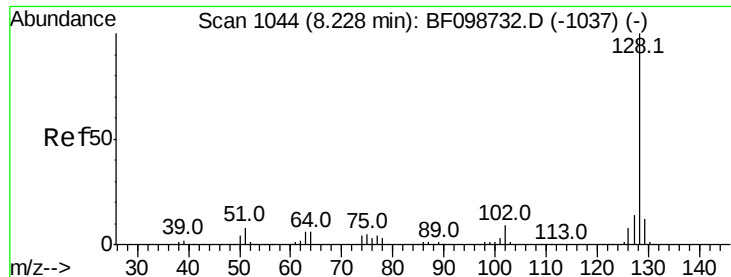
#30
 1,2,4-Trichlorobenzene
 Concen: 40.342 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Tgt Ion:180 Resp: 310690
 Ion Ratio Lower Upper
 180 100
 182 94.4 76.8 115.2
 145 32.0 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: 39.668 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

Instrument :

BNA_F

ClientSampled :

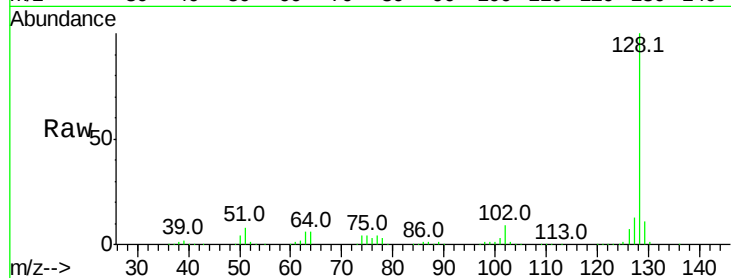
Tot Ion:128 Resp: 1040143

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

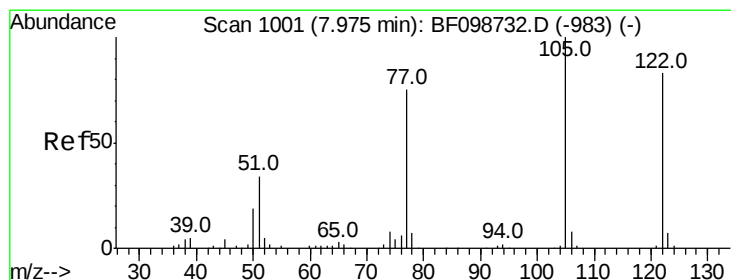
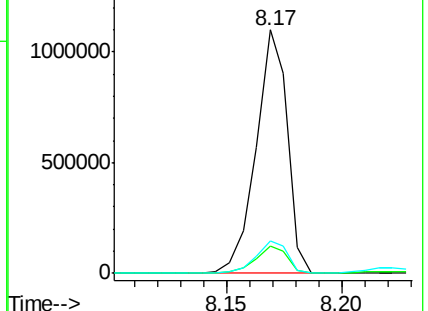
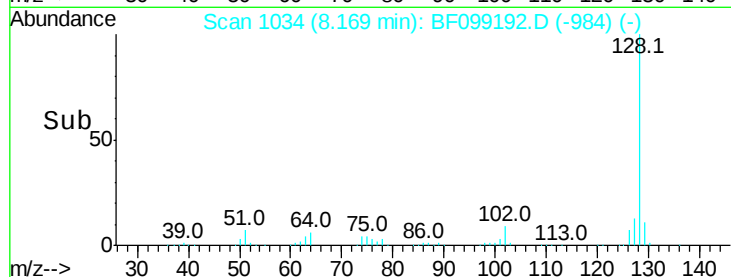
127 13.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.400 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

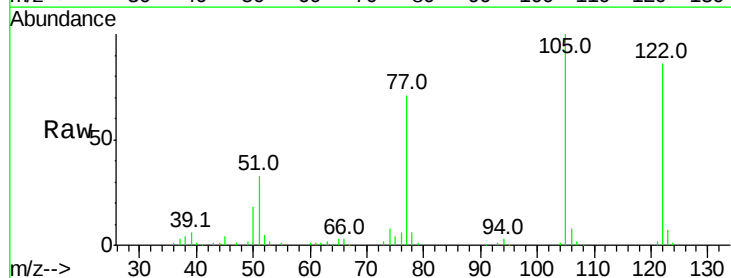
Tgt Ion:122 Resp: 231319

Ion Ratio Lower Upper

122 100

105 116.6 101.1 141.1

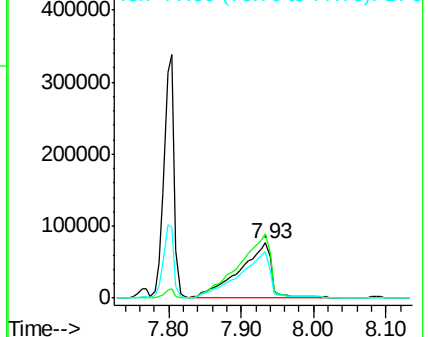
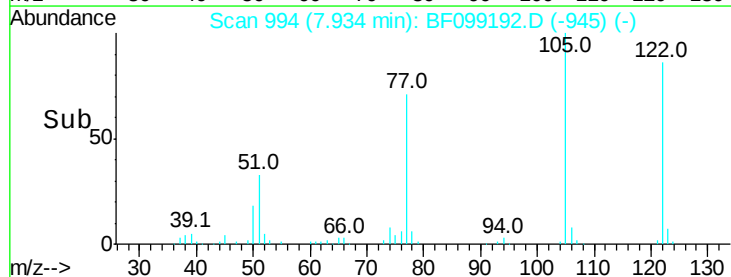
77 83.4 70.7 110.7

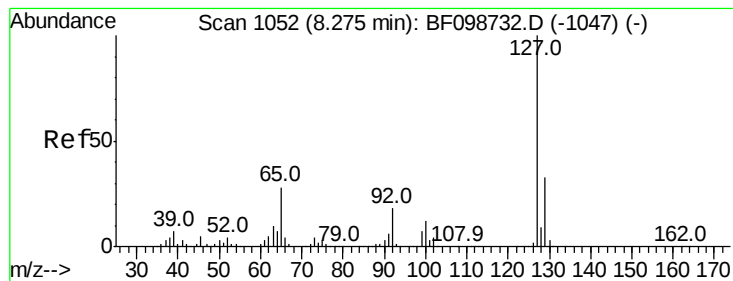


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 4.948 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 54183

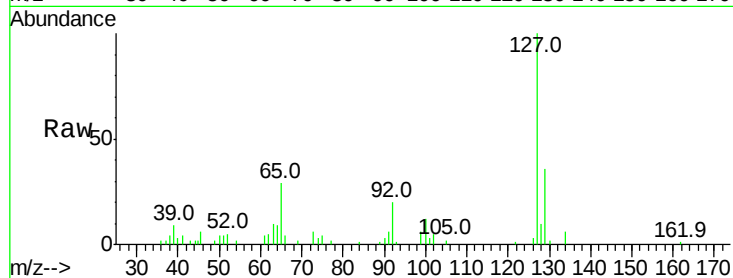
Ion Ratio Lower Upper

127 100

129 35.8 25.9 38.9

65 29.1 25.0 37.4

92 20.1 15.2 22.8

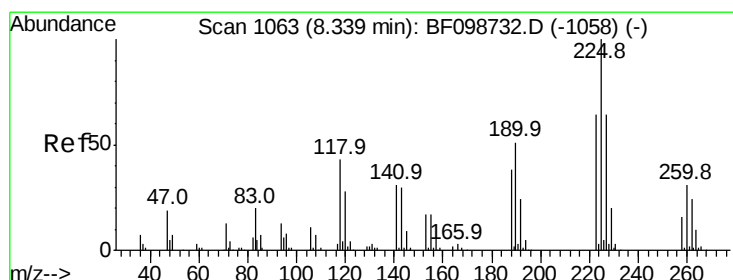
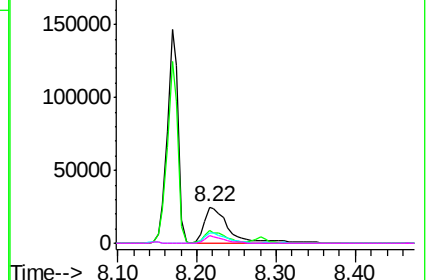
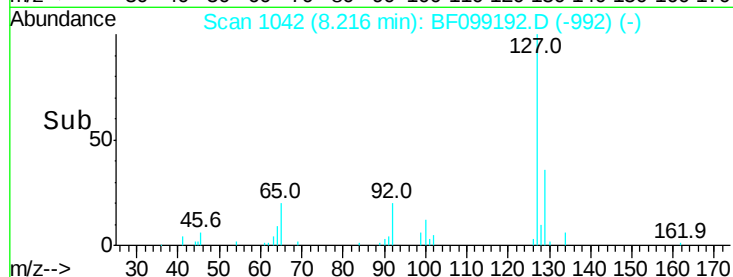


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 38.623 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

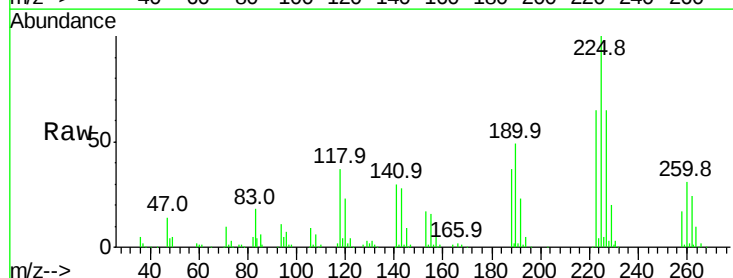
Tgt Ion:225 Resp: 153208

Ion Ratio Lower Upper

225 100

223 64.7 50.6 76.0

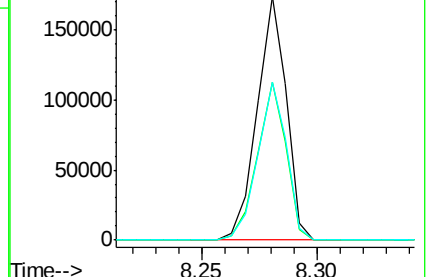
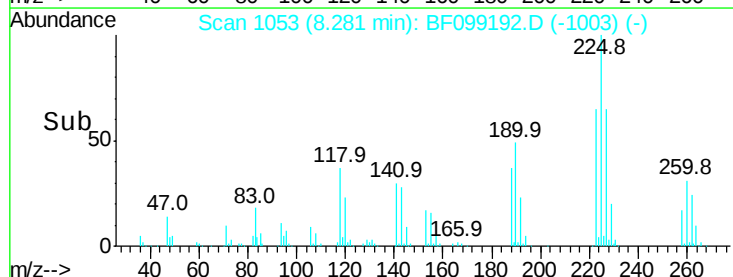
227 64.7 51.9 77.9



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

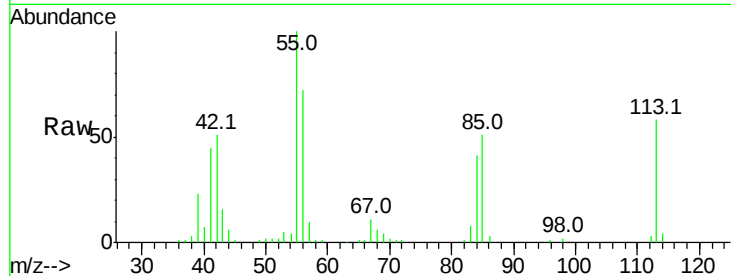




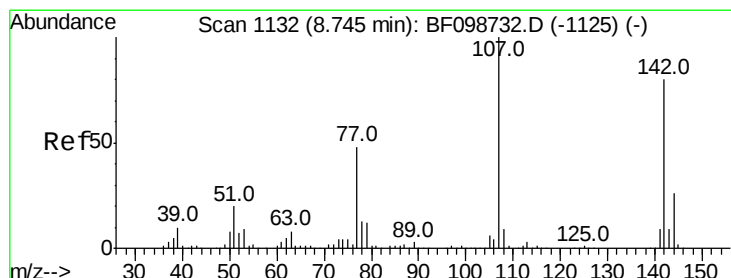
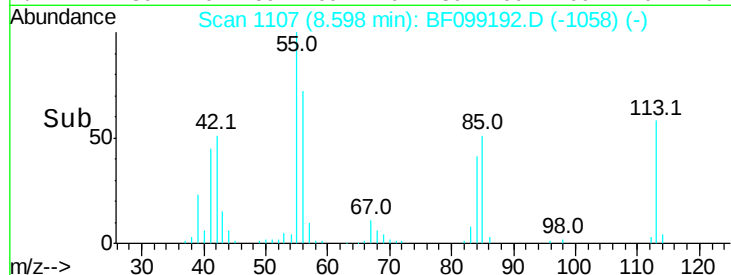
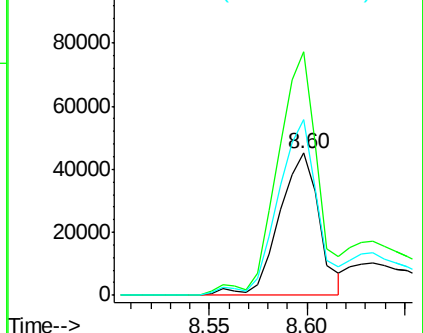
#35
 Caprolactam
 Concen: 26.024 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 64278
 Ion Ratio Lower Upper
 113 100
 55 171.3 163.3 203.3
 56 124.1 115.7 155.7

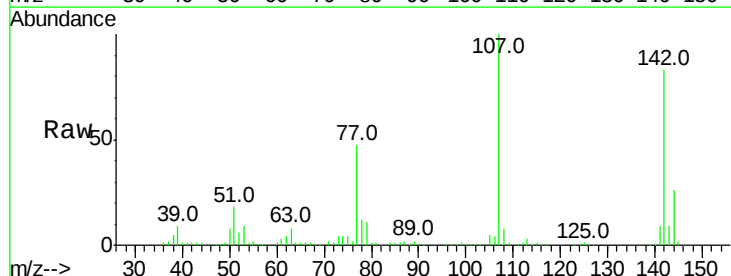


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

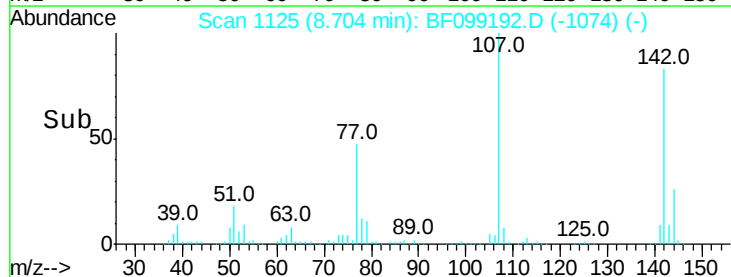
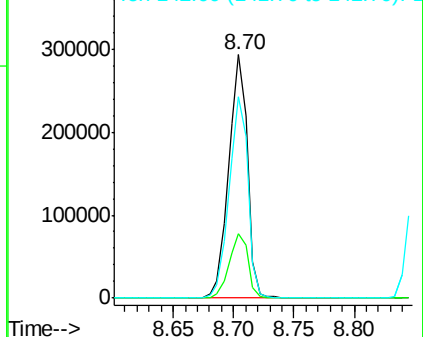


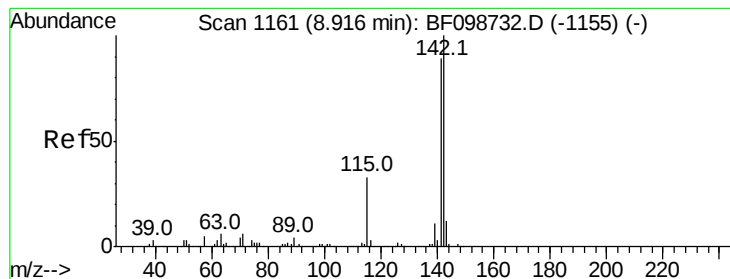
#36
 4-Chloro-3-methylphenol
 Concen: 36.564 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. 0.00 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Tgt Ion:107 Resp: 316454
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.5 30.7
 142 82.6 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.008 ng

RT: 8.86 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

Instrument :

BNA_F

ClientSampled :

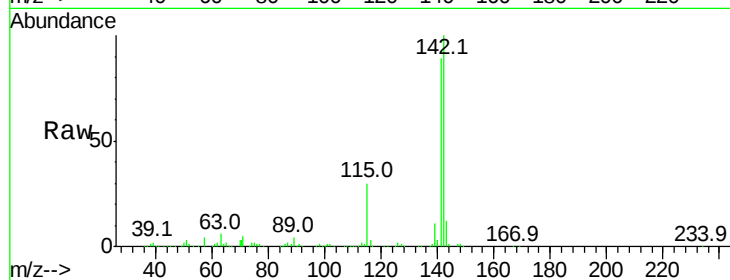
Tot Ion:142 Resp: 716070

Ion Ratio Lower Upper

142 100

141 89.3 70.8 106.2

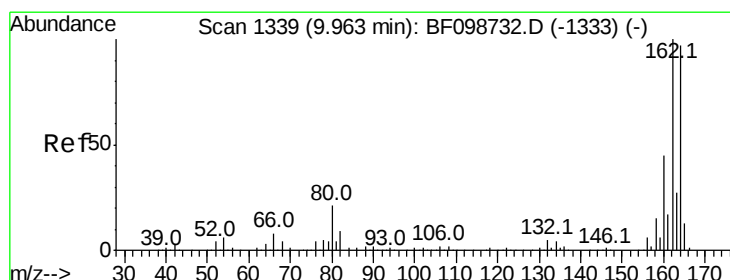
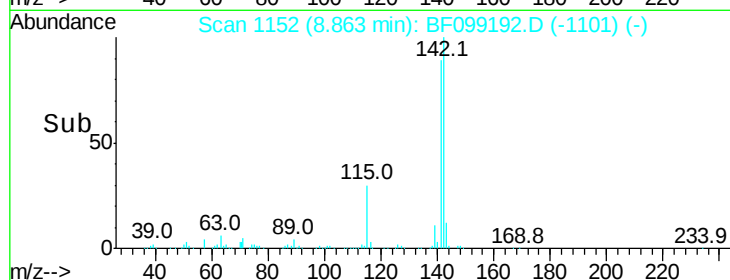
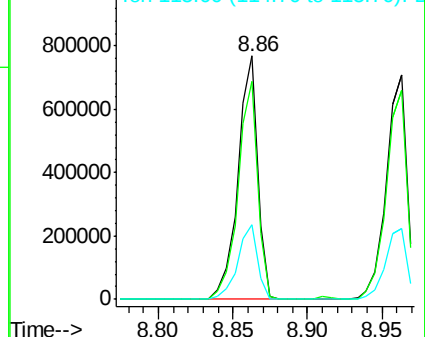
115 30.5 26.1 39.1



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. 0.00 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

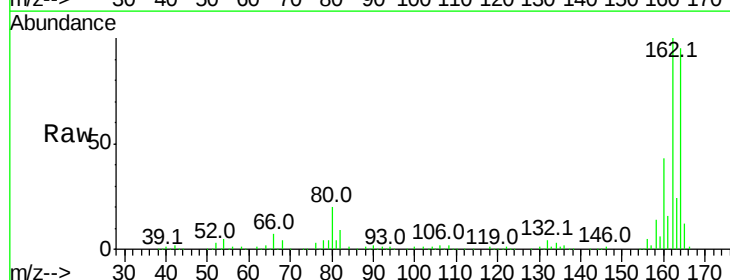
Tgt Ion:164 Resp: 241171

Ion Ratio Lower Upper

164 100

162 105.4 86.1 129.1

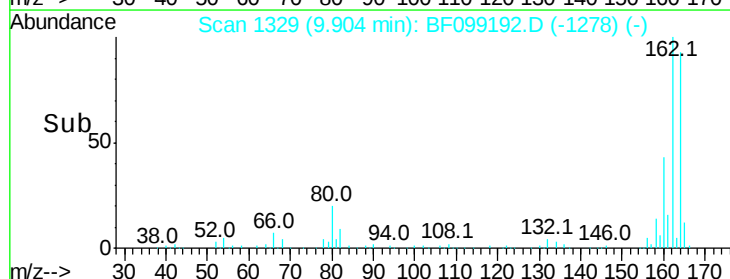
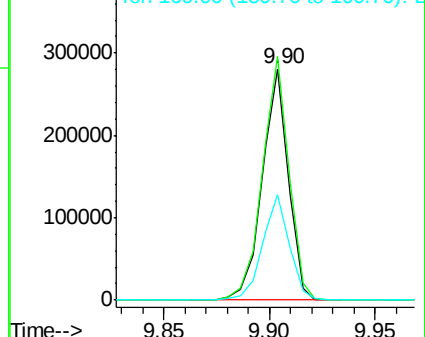
160 45.6 38.3 57.5

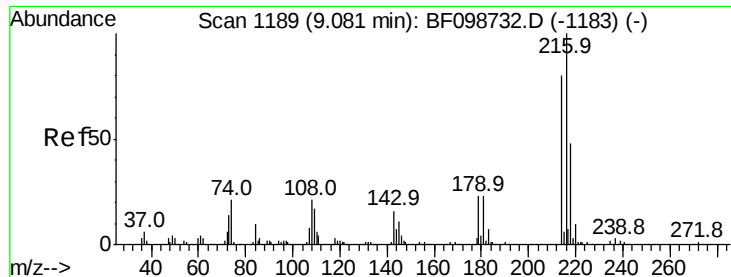


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

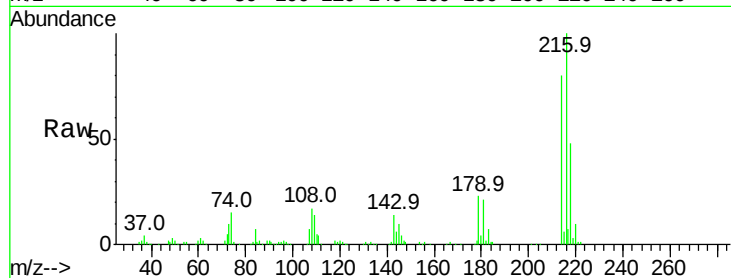




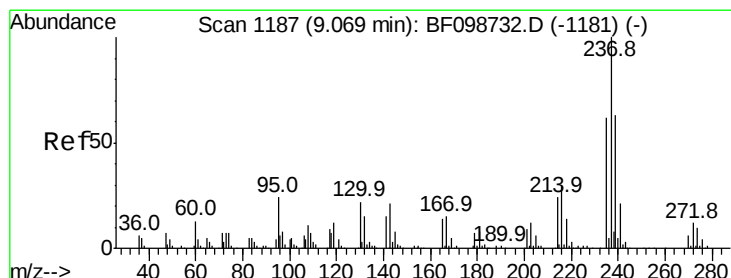
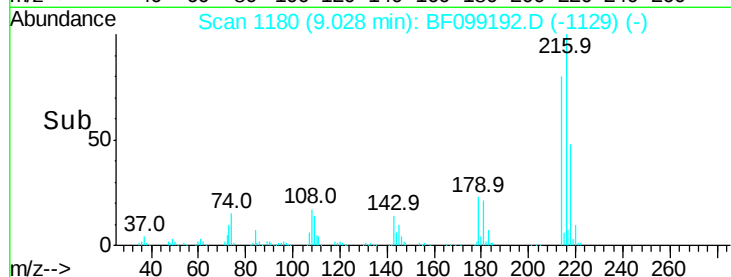
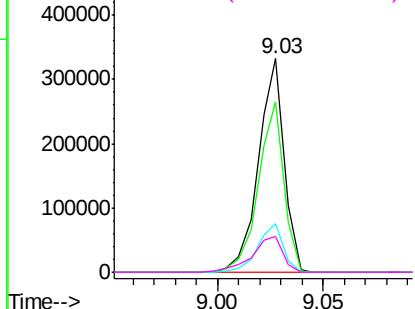
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.147 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	281563
Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.0	94.4
179	22.7	18.1	27.1
108	20.3	17.2	25.8

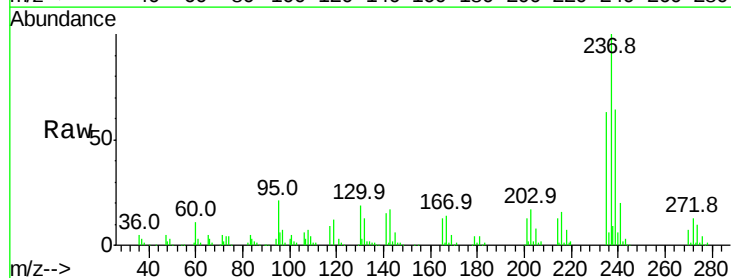


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

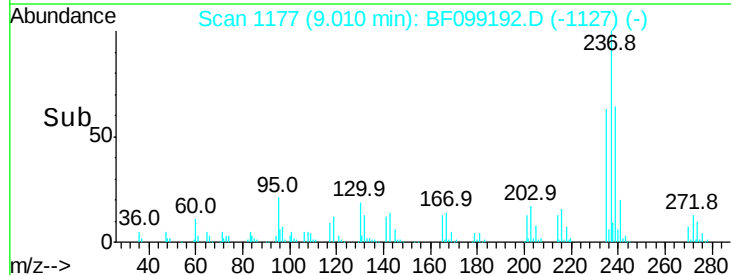
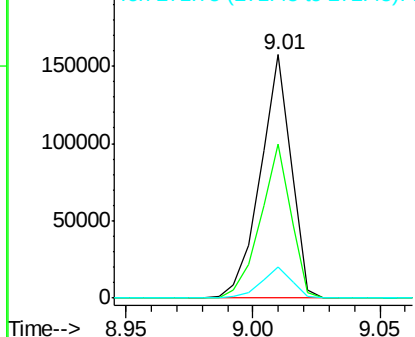


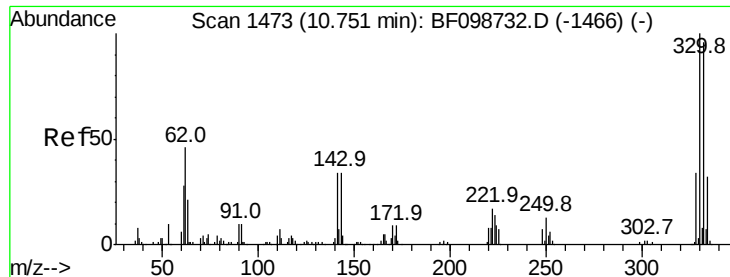
#40
 Hexachlorocyclopentadiene
 Concen: 40.723 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Tgt Ion:	237	Resp:	133853
Ion	Ratio	Lower	Upper
237	100		
235	63.0	44.8	84.8
272	12.9	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

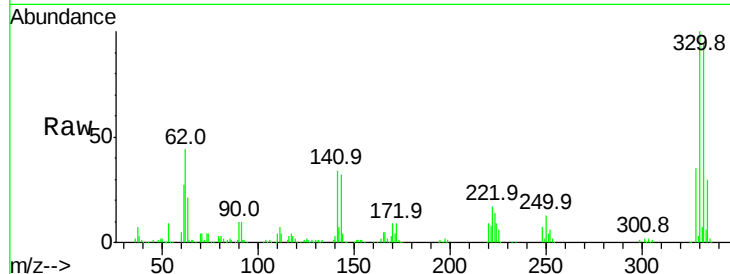




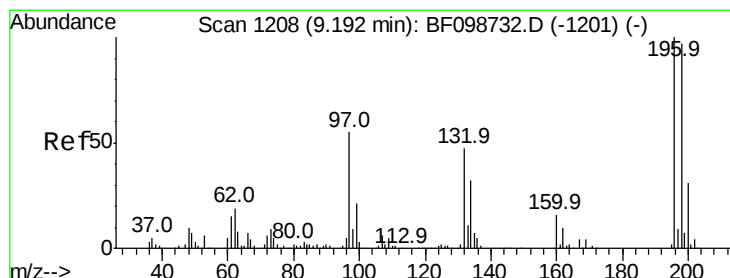
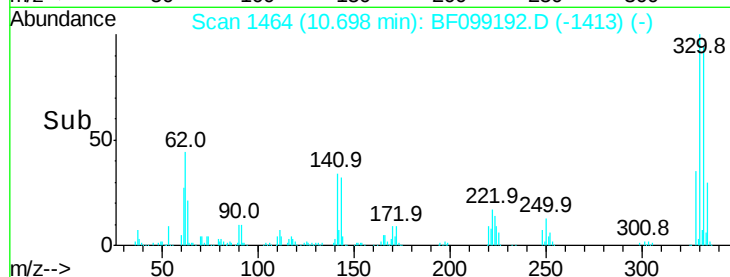
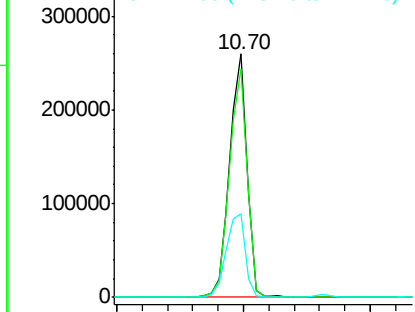
#41
 2,4,6-Tribromophenol
 Concen: 124.680 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	37.9	29.9	44.9

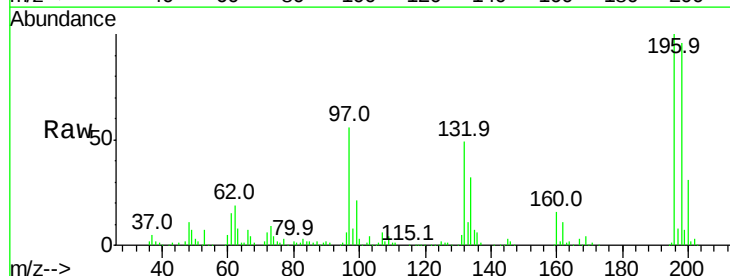


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

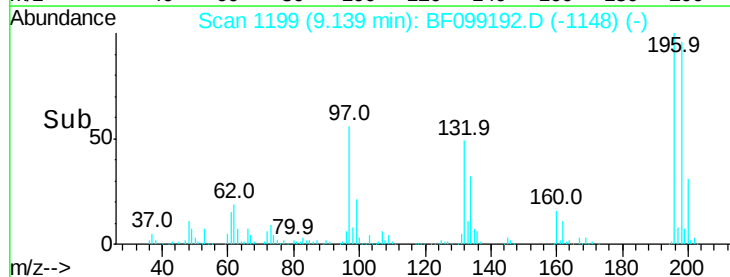
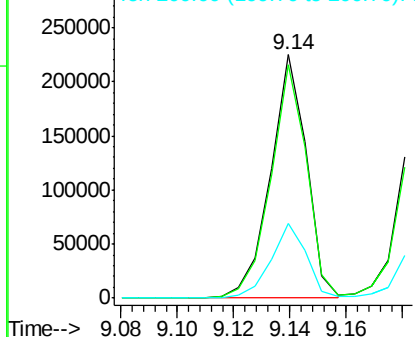


#42
 2,4,6-Trichlorophenol
 Concen: 38.934 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	75.7	113.5
200	30.6	24.5	36.7



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

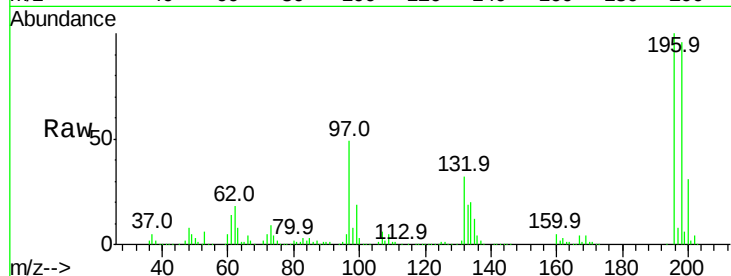




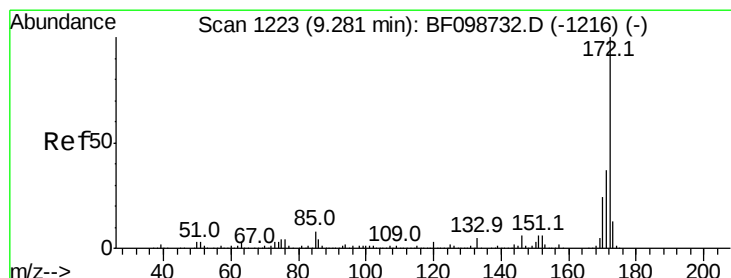
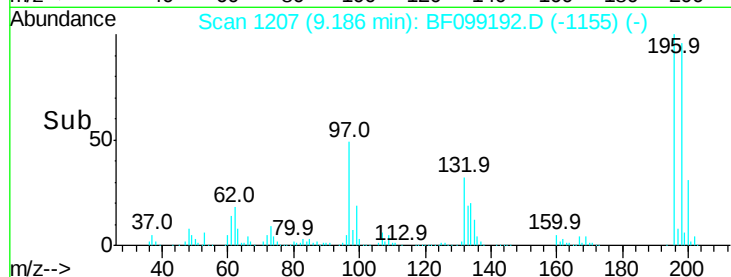
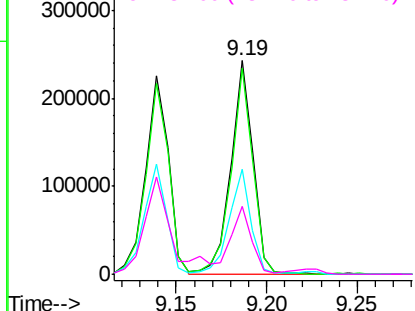
#43
2,4,5-Trichlorophenol
Concen: 40.611 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 206562
Ion Ratio Lower Upper
196 100
198 96.5 74.6 112.0
97 49.3 42.9 64.3
132 31.5 26.3 39.5

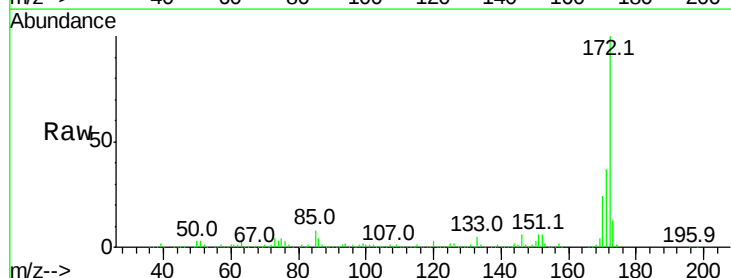


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

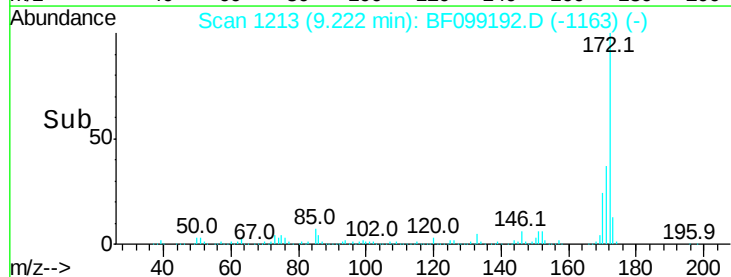
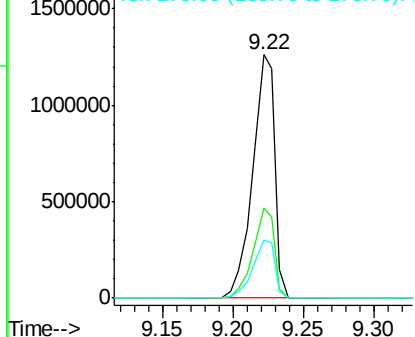


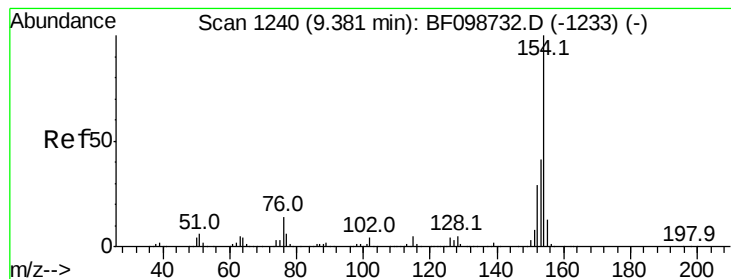
#44
2-Fluorobiphenyl
Concen: 96.156 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Tgt Ion:172 Resp: 1389110
Ion Ratio Lower Upper
172 100
171 36.9 29.7 44.5
170 23.9 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: 39.546 ng

RT: 9.33 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

Instrument :

BNA_F

ClientSampleId :

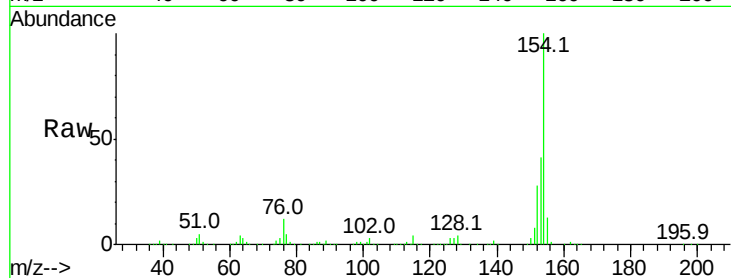
Tot Ion:154 Resp: 819682

Ion Ratio Lower Upper

154 100

153 40.9 21.3 61.3

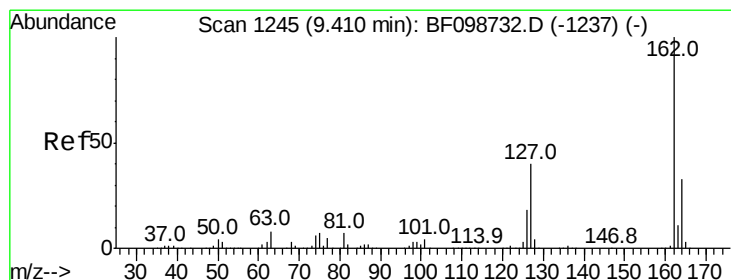
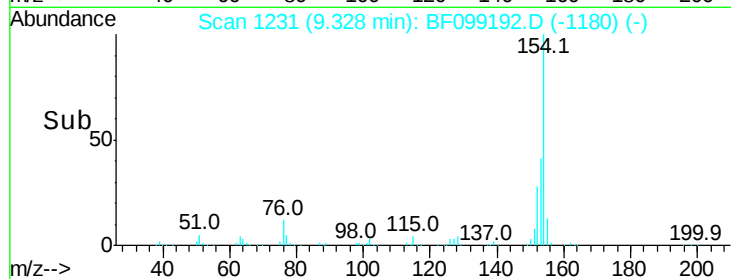
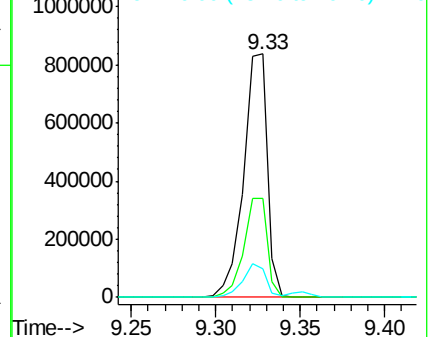
76 12.0 0.0 34.0



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: 41.175 ng

RT: 9.35 min Scan# 1235

Delta R.T. -0.01 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

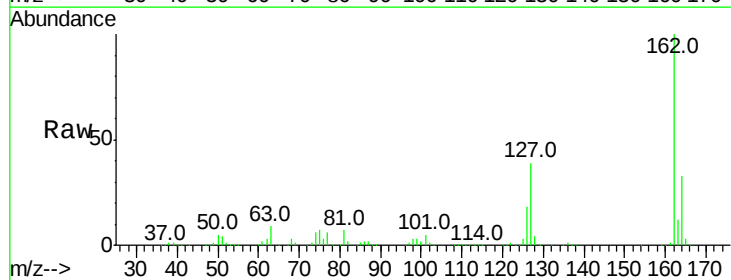
Tgt Ion:162 Resp: 640781

Ion Ratio Lower Upper

162 100

127 39.4 33.9 50.9

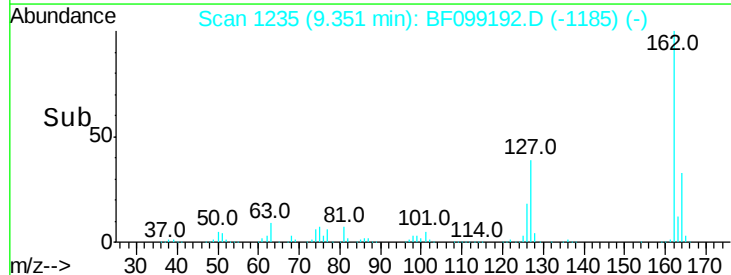
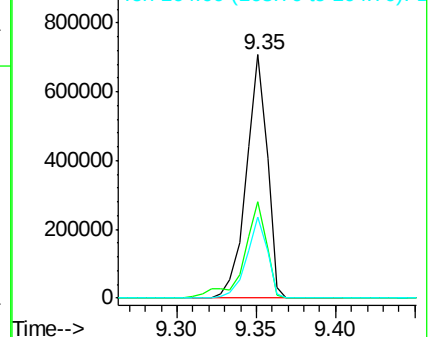
164 33.3 26.5 39.7

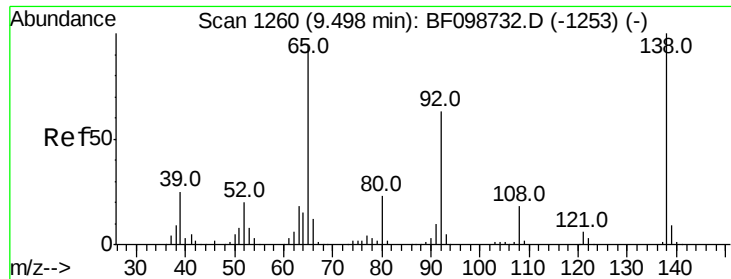


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

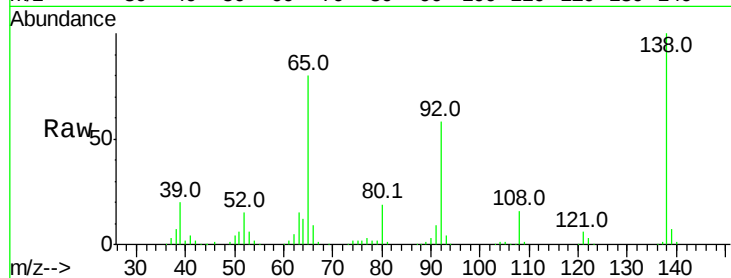




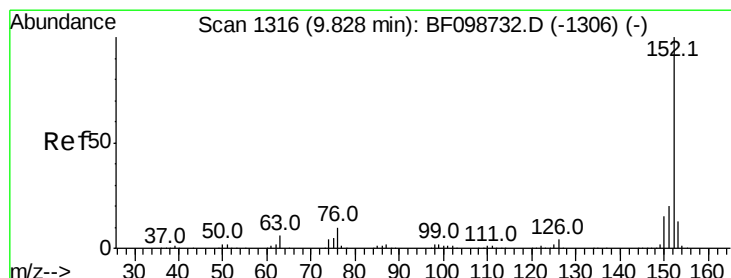
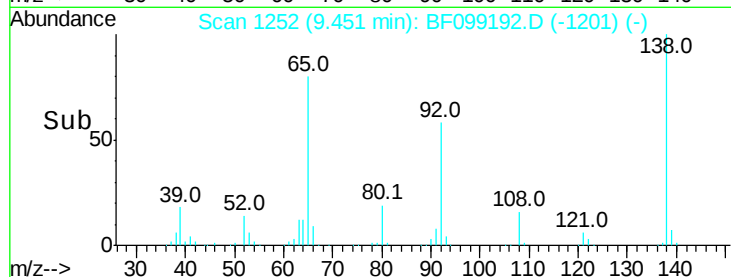
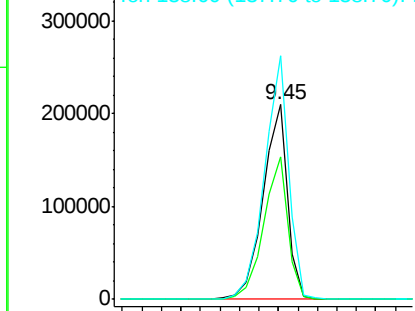
#47
 2-Nitroaniline
 Concen: 38.408 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 65 Resp: 183024
 Ion Ratio Lower Upper
 65 100
 92 73.0 55.8 83.6
 138 125.0 91.2 136.8

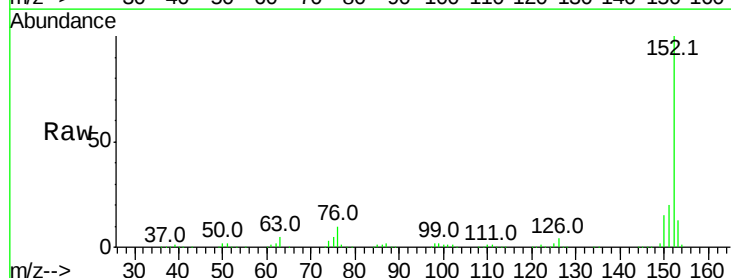


Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E

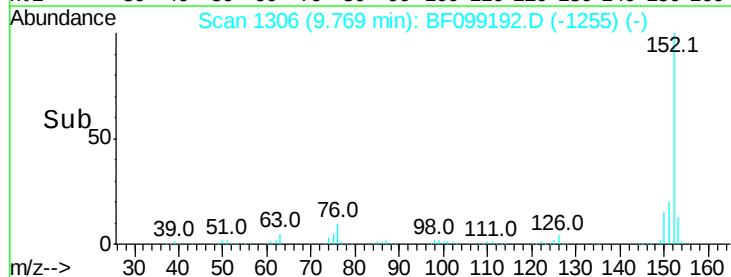
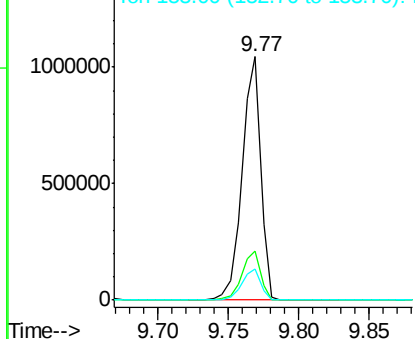


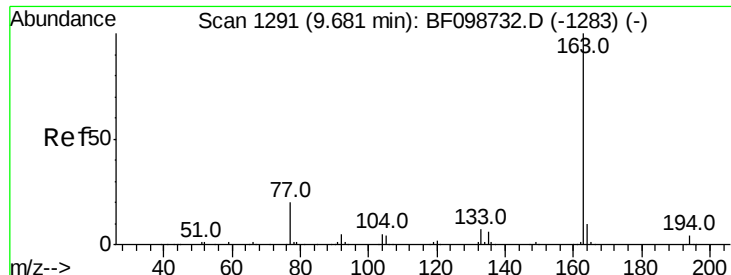
#48
 Acenaphthylene
 Concen: 39.991 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Tgt Ion:152 Resp: 952729
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.3 24.5
 153 12.9 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

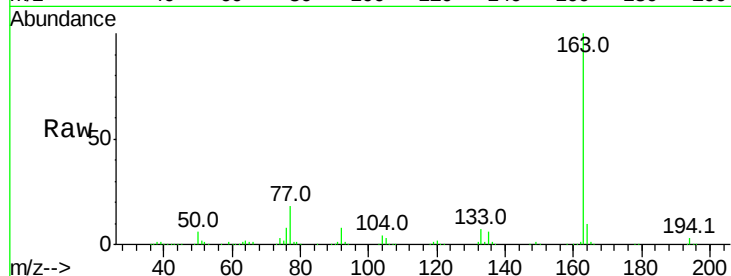




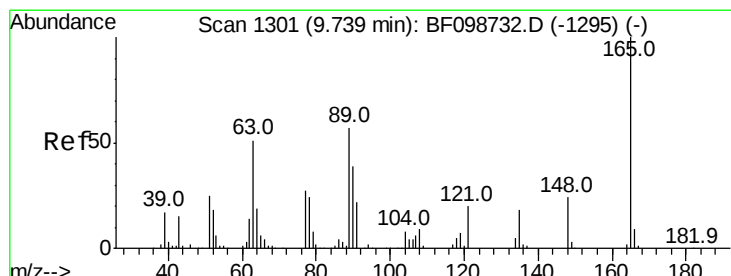
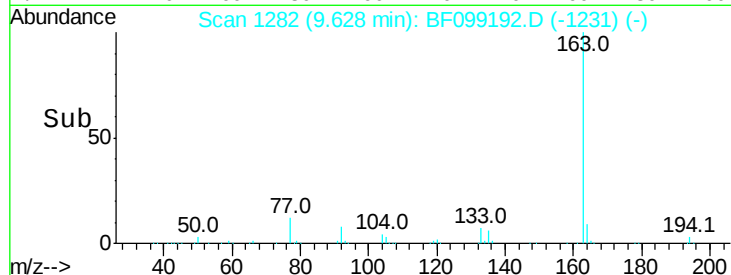
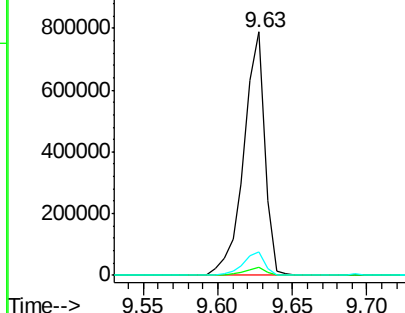
#49
Dimethylphthalate
Concen: 42.292 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 769805
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.7 8.2 12.2

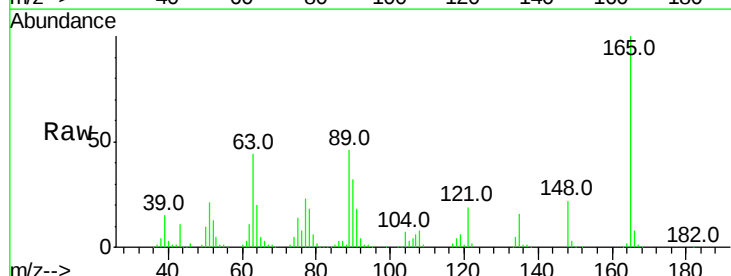


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

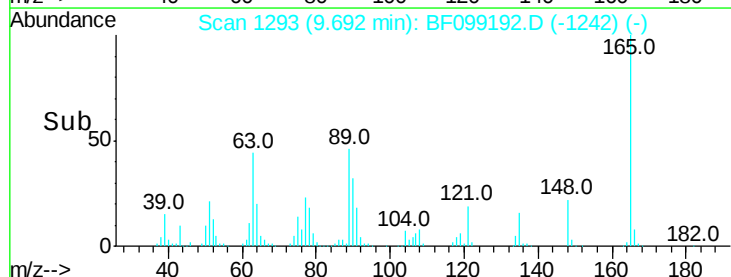
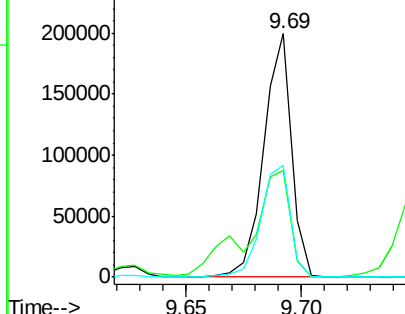


#50
2,6-Dinitrotoluene
Concen: 42.256 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Tgt Ion:165 Resp: 167452
Ion Ratio Lower Upper
165 100
63 43.9 44.7 67.1#
89 46.1 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.111 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

Instrument :

BNA_F

ClientSampleId :

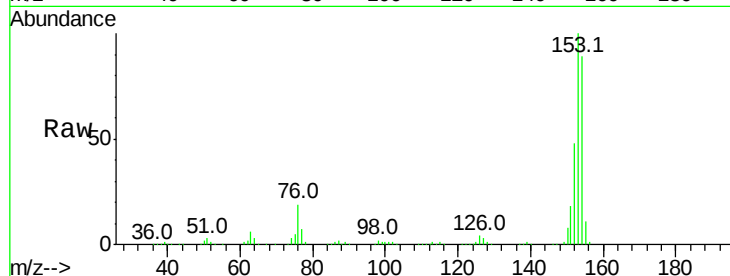
Tot Ion:154 Resp: 560043

Ion Ratio Lower Upper

154 100

153 112.1 91.2 136.8

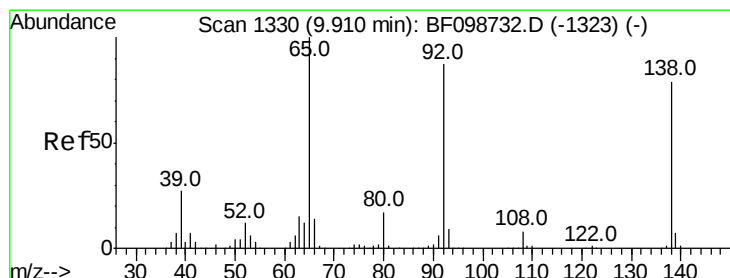
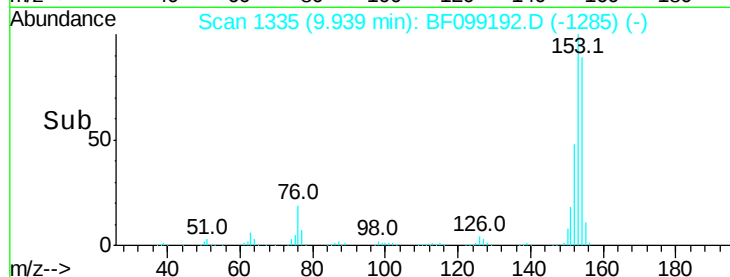
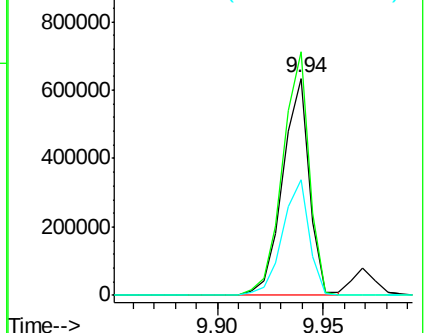
152 53.5 43.8 65.8



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: 11.427 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

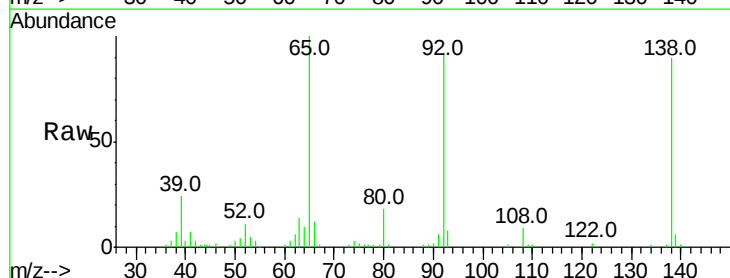
Tgt Ion:138 Resp: 52800

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

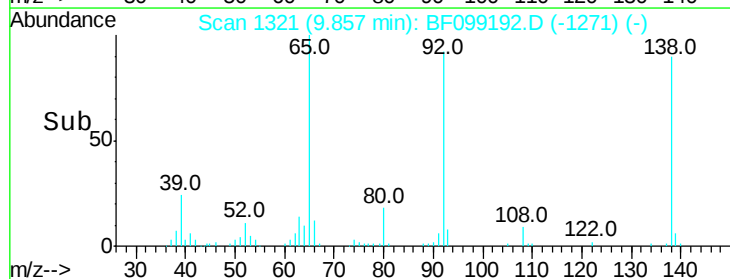
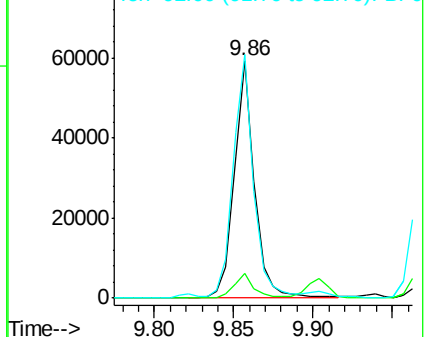
92 102.4 89.4 134.2



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

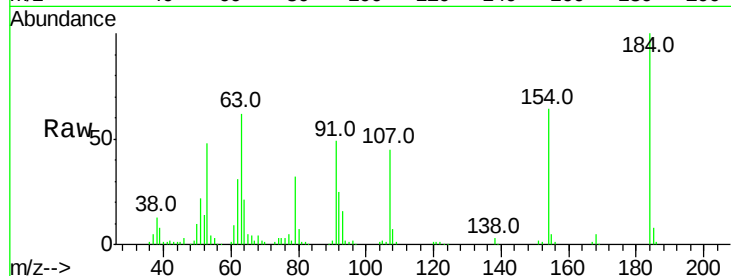




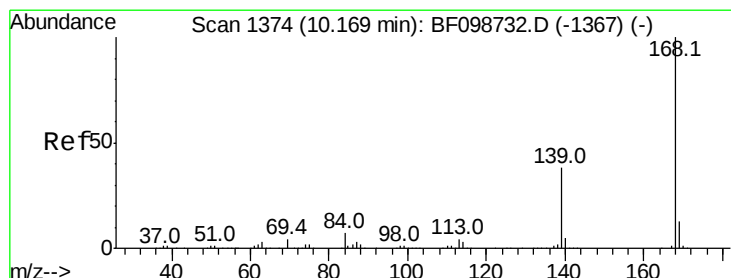
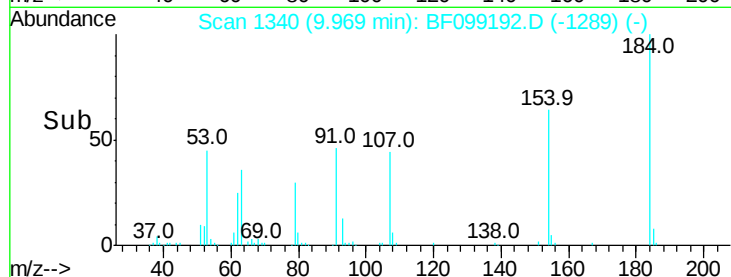
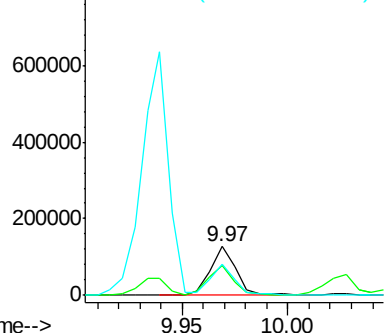
#53
2,4-Dinitrophenol
Concen: 54.070 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 107350
Ion Ratio Lower Upper
184 100
63 62.3 54.2 81.2
154 63.9 53.5 80.3

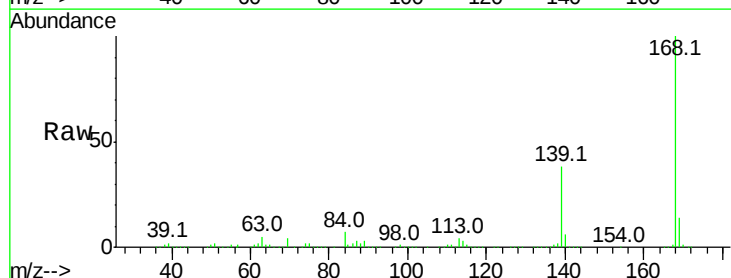


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

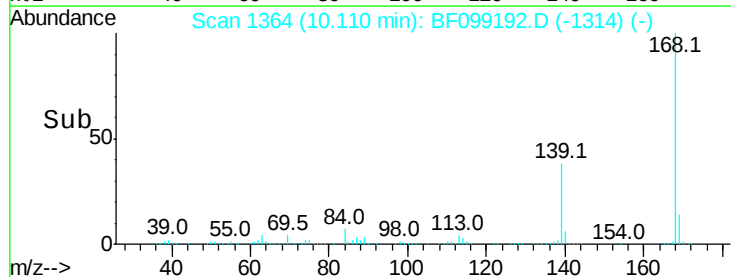
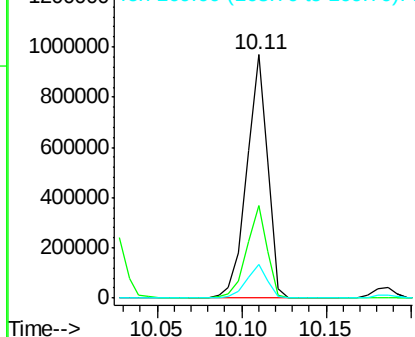


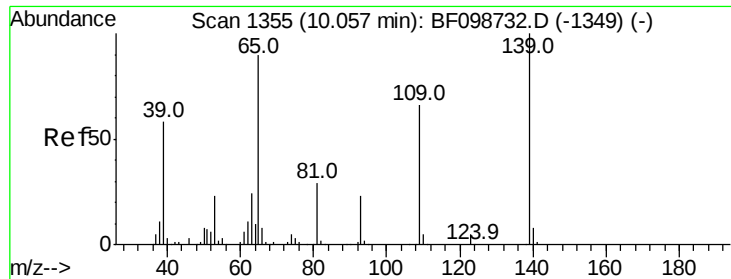
#54
Dibenzofuran
Concen: 41.775 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Tgt Ion:168 Resp: 839379
Ion Ratio Lower Upper
168 100
139 38.0 30.1 45.1
169 13.7 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

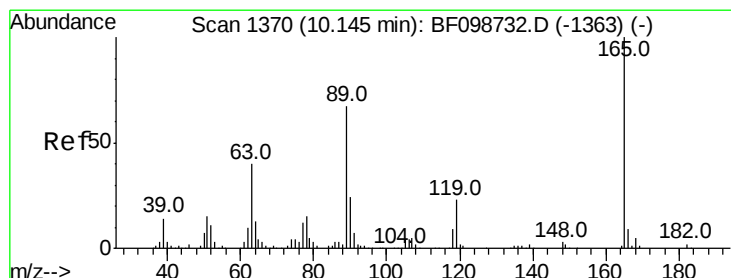
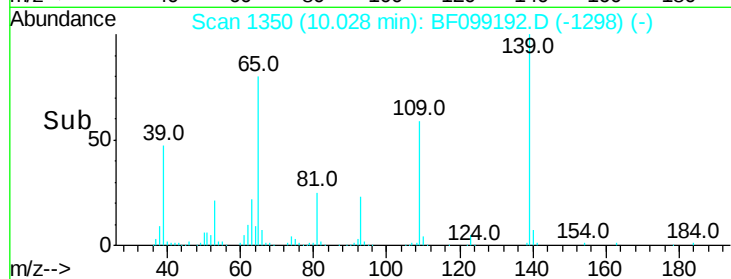
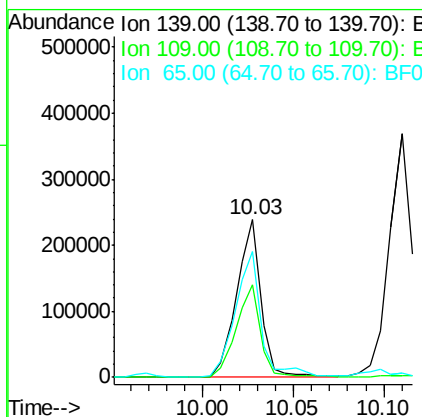
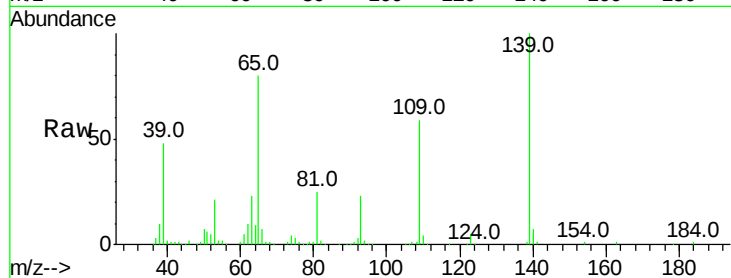




#55
4-Nitrophenol
Concen: 57.557 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

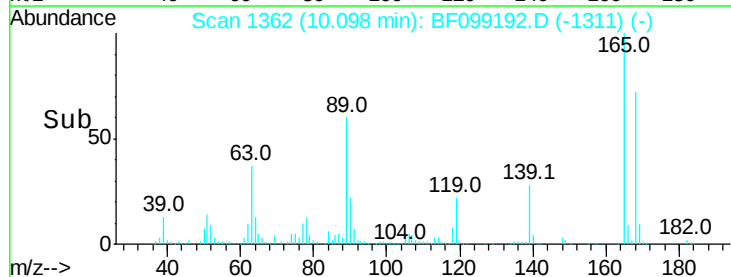
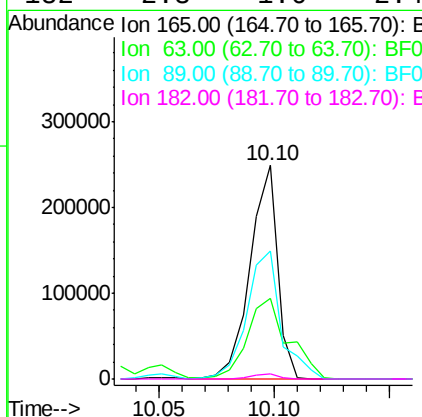
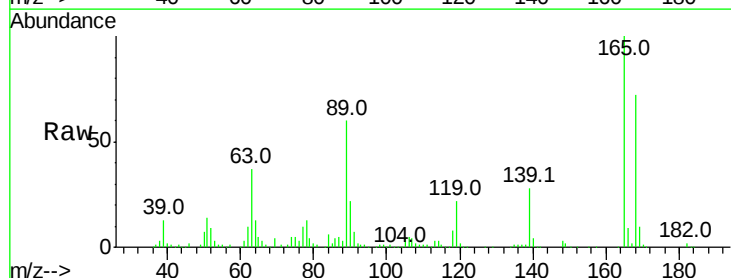
Instrument :
BNA_F
ClientSampleId :

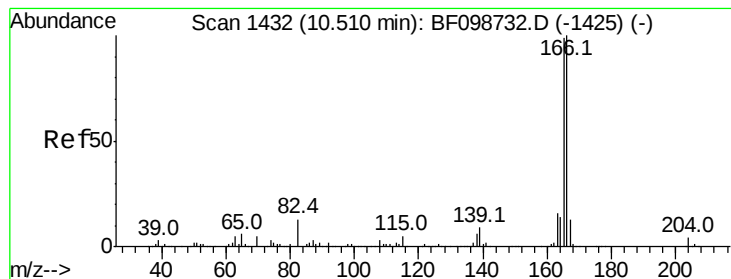
Tot Ion:139 Resp: 224875
Ion Ratio Lower Upper
139 100
109 58.5 48.4 88.4
65 79.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 40.649 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Tgt Ion:165 Resp: 209056
Ion Ratio Lower Upper
165 100
63 37.5 36.4 54.6
89 60.2 57.8 86.6
182 2.3 1.6 2.4





#57

Fluorene

Concen: 39.313 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

Instrument :

BNA_F

ClientSampleId :

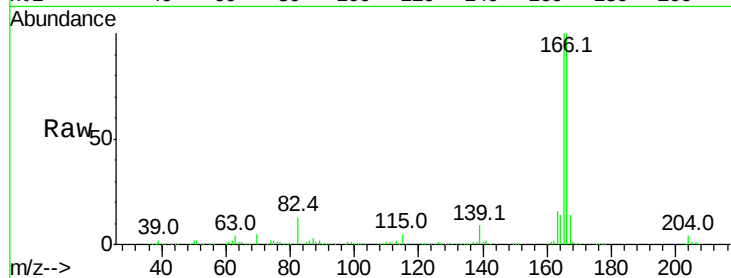
Tot Ion:166 Resp: 634899

Ion Ratio Lower Upper

166 100

165 99.7 79.8 119.8

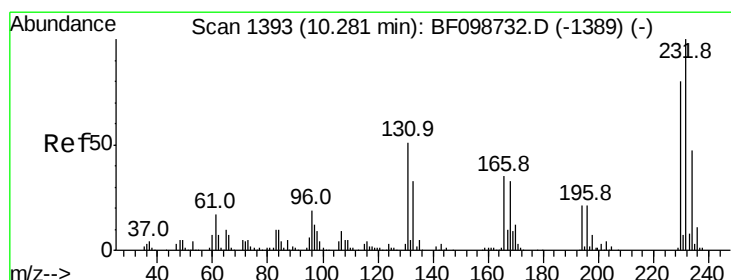
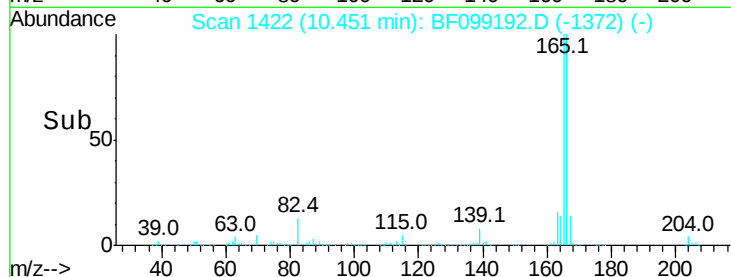
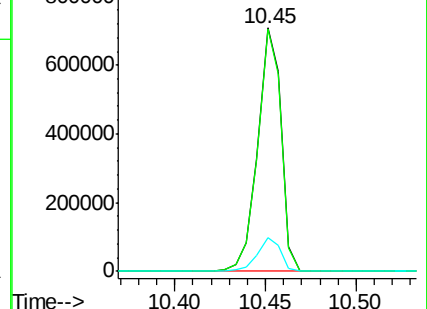
167 13.6 10.6 16.0



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: 41.962 ng

RT: 10.23 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

Tgt Ion:232 Resp: 147441

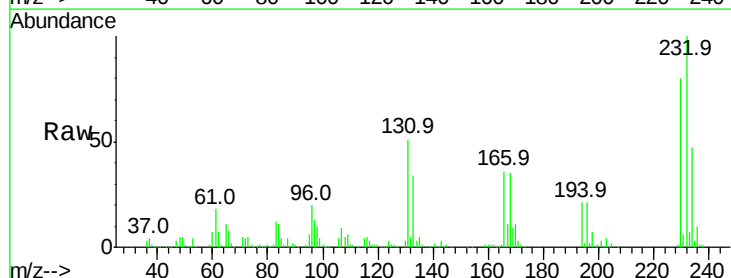
Ion Ratio Lower Upper

232 100

131 51.4 43.8 65.8

130 2.6 2.1 3.1

166 34.9 27.8 41.6

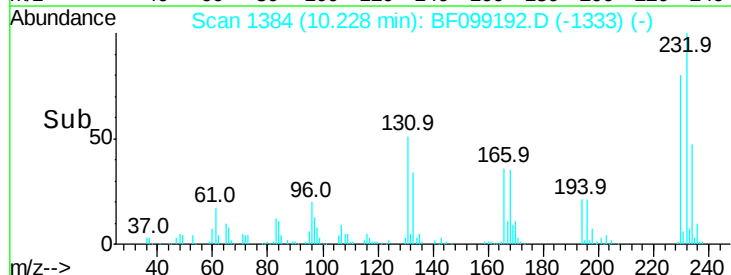
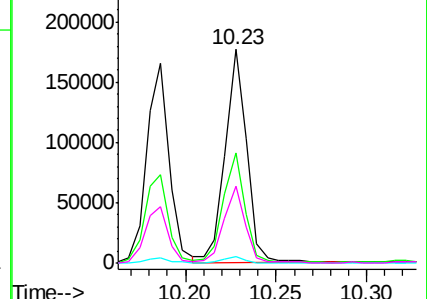


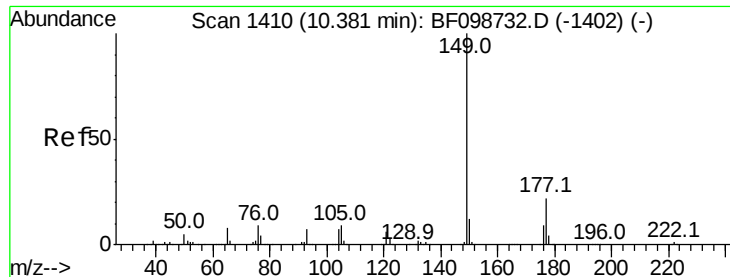
Abundance Ion 232.00 (231.70 to 232.70): E

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

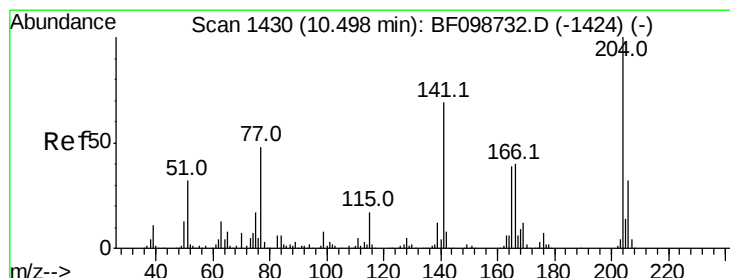
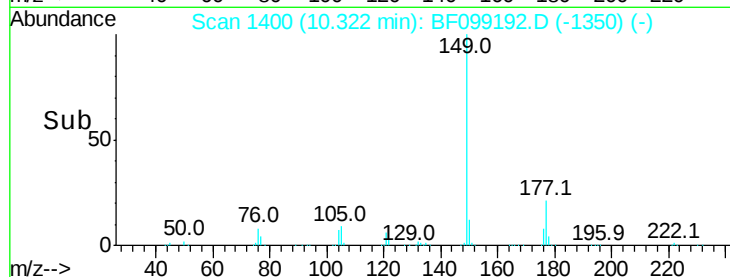
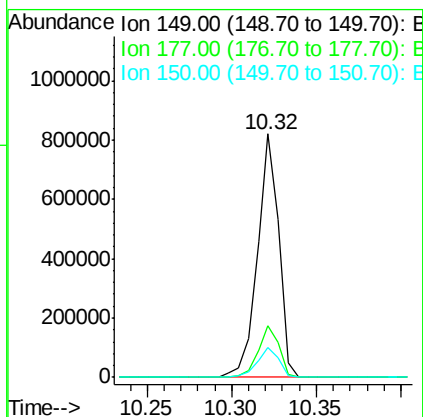
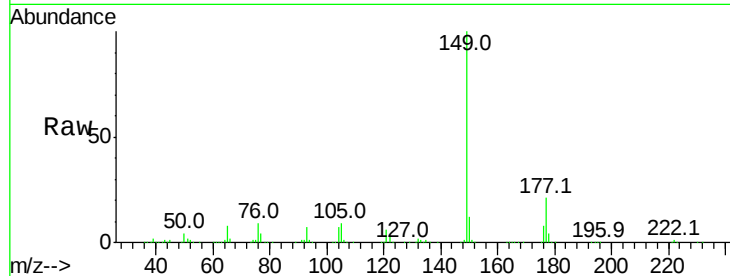




#59
Diethylphthalate
Concen: 40.671 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

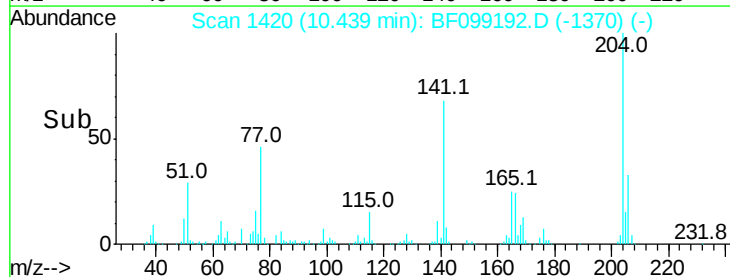
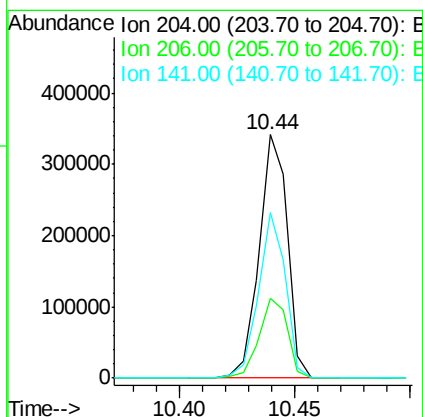
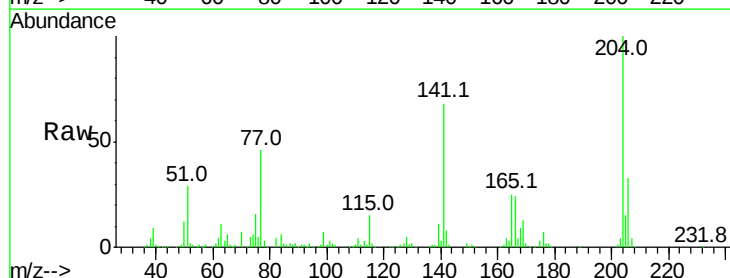
Instrument :
BNA_F
ClientSampled :

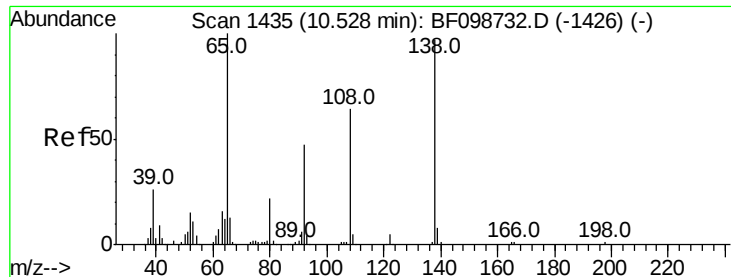
Tot Ion:149 Resp: 723380
Ion Ratio Lower Upper
149 100
177 21.0 16.1 24.1
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 40.241 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Tgt Ion:204 Resp: 291934
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 67.8 54.6 81.8

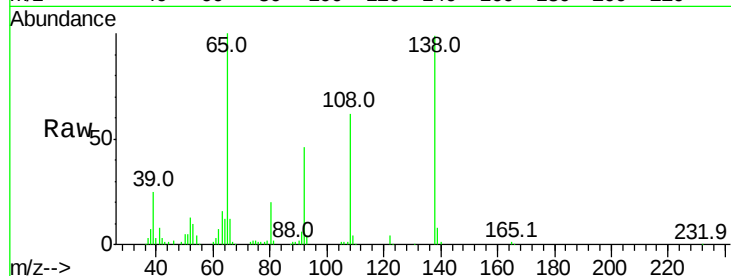




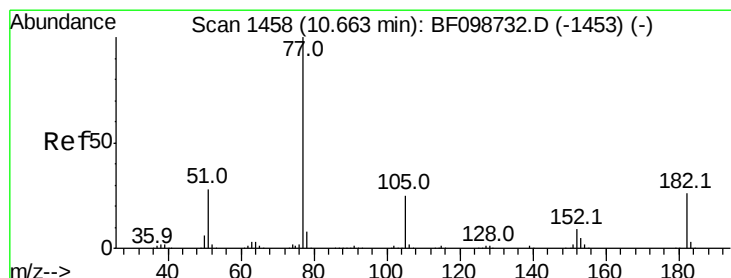
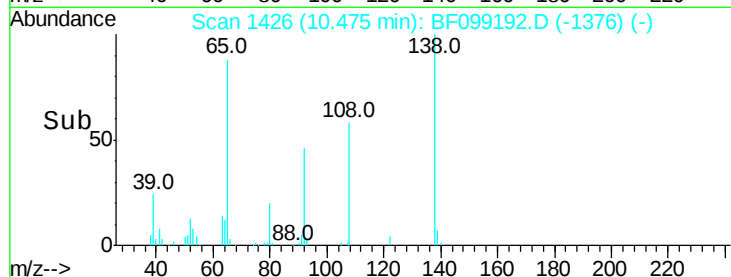
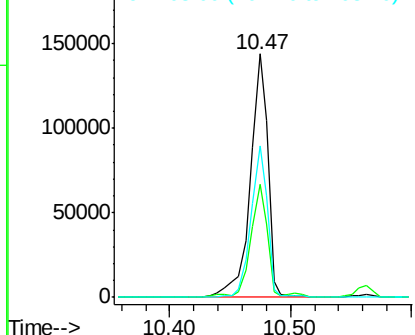
#61
4-Nitroaniline
Concen: 33.245 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 148199
Ion Ratio Lower Upper
138 100
92 46.4 30.2 70.2
108 62.2 52.5 92.5

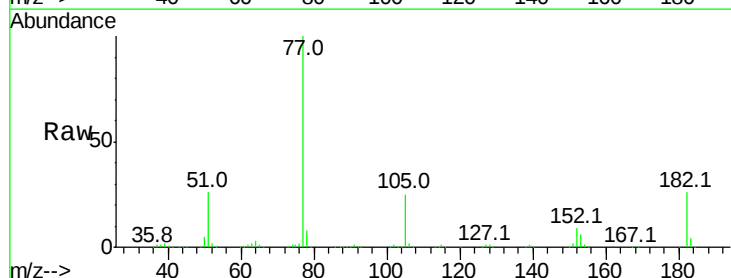


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

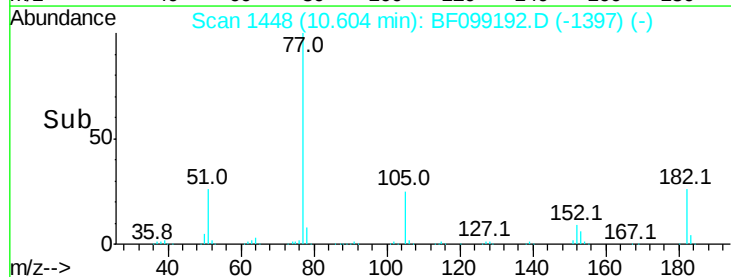
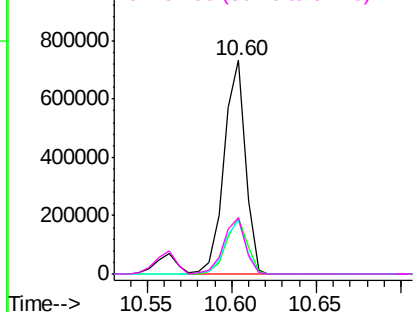


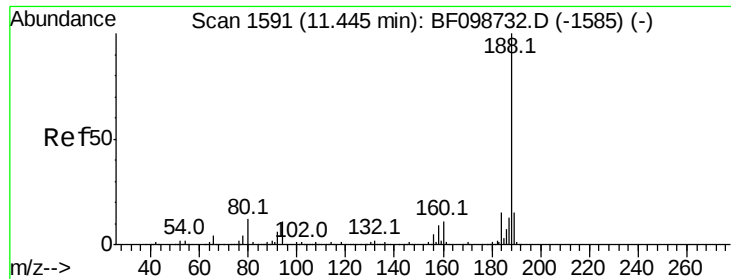
#62
Azobenzene
Concen: 39.273 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Tgt Ion: 77 Resp: 642263
Ion Ratio Lower Upper
77 100
182 26.1 1.7 41.7
105 25.1 3.0 43.0
51 26.4 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

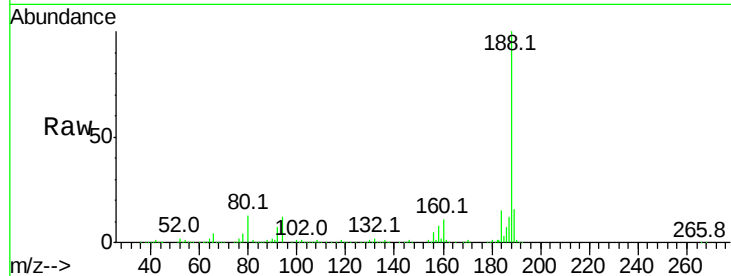




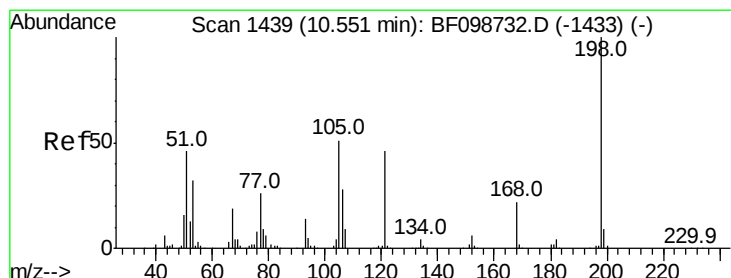
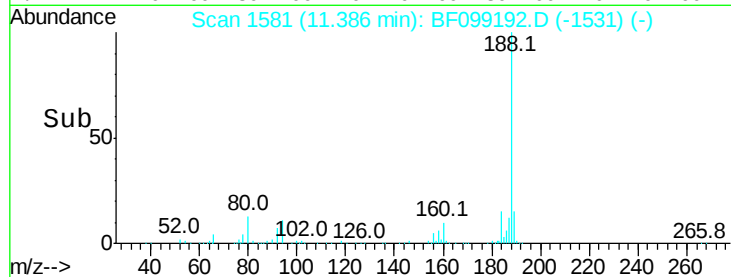
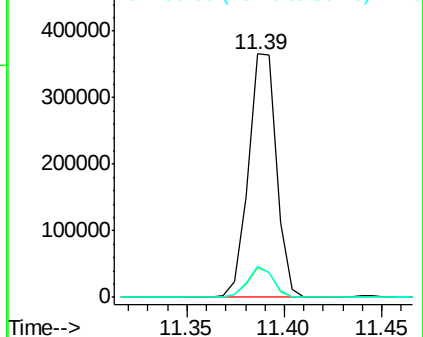
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 364856
Ion Ratio Lower Upper
188 100
94 12.1 8.5 12.7
80 12.9 9.2 13.8

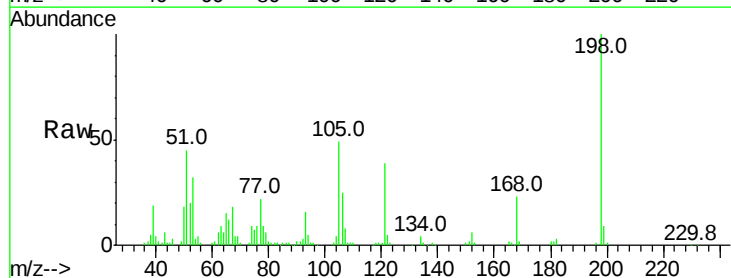


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

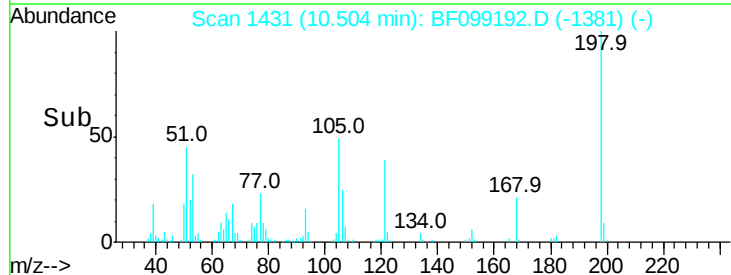
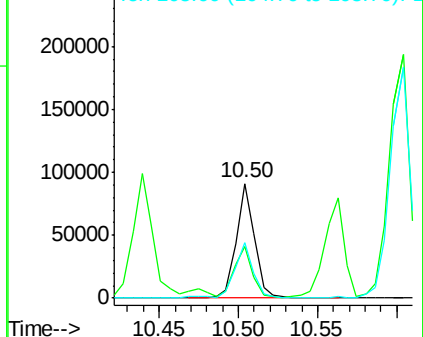


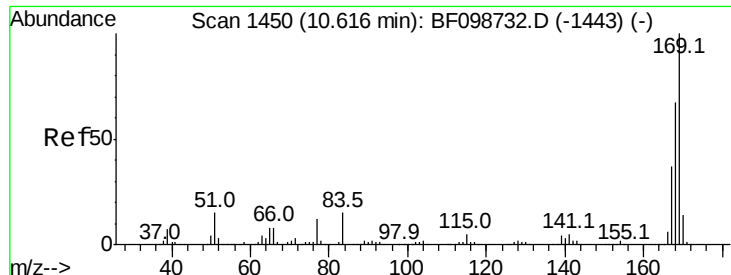
#64
4,6-Dinitro-2-methylphenol
Concen: 33.090 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Tgt Ion:198 Resp: 73456
Ion Ratio Lower Upper
198 100
51 45.0 37.7 77.7
105 48.8 36.3 76.3



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

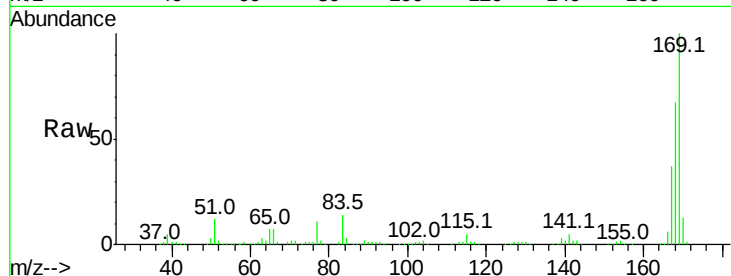




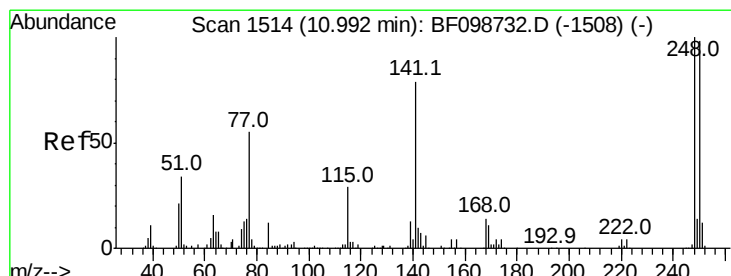
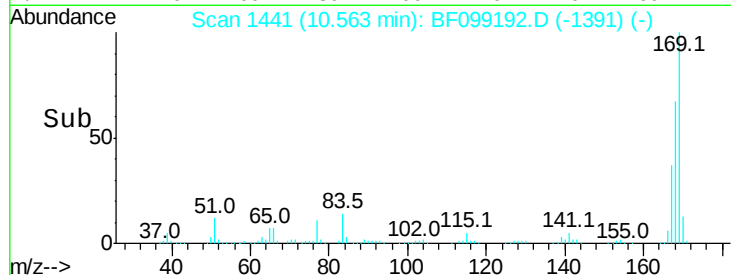
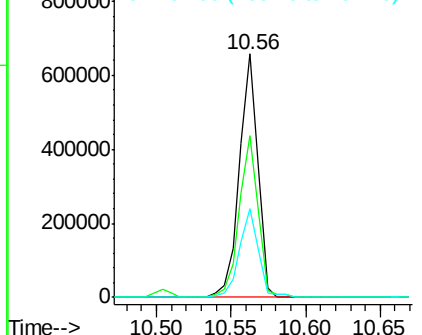
#65
 n-Nitrosodiphenylamine
 Concen: 45.129 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 570416
 Ion Ratio Lower Upper
 169 100
 168 66.6 54.4 81.6
 167 36.6 29.8 44.6

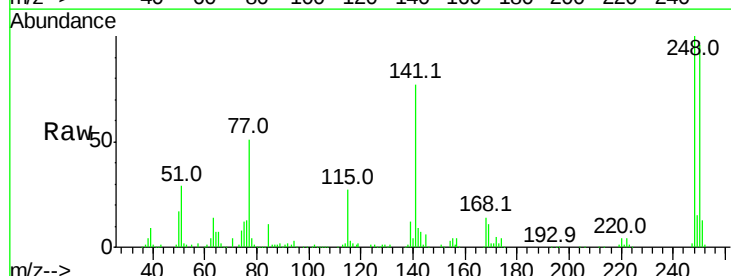


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

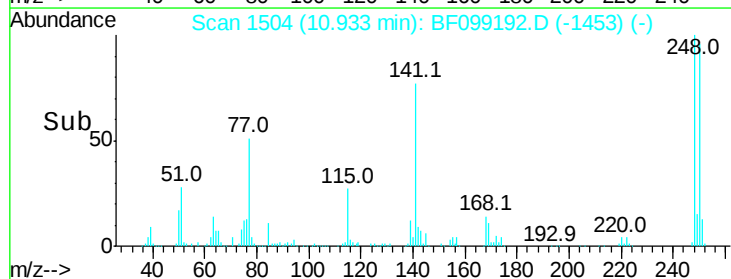
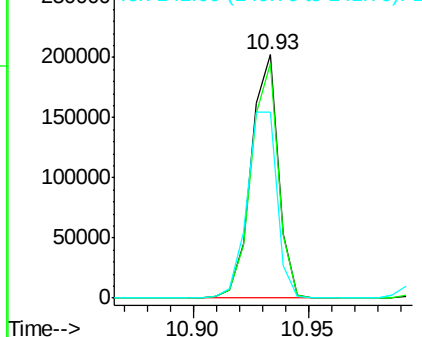


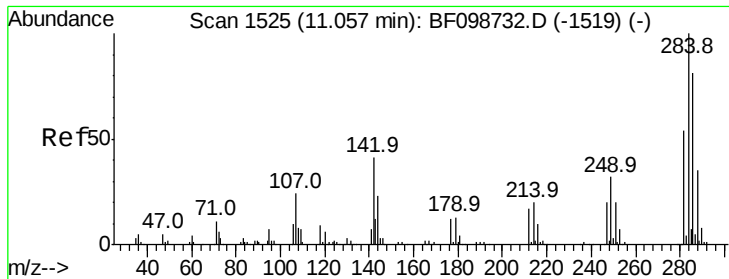
#66
 4-Bromophenyl-phenylether
 Concen: 46.968 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Tgt Ion:248 Resp: 167738
 Ion Ratio Lower Upper
 248 100
 250 96.4 76.9 115.3
 141 76.6 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

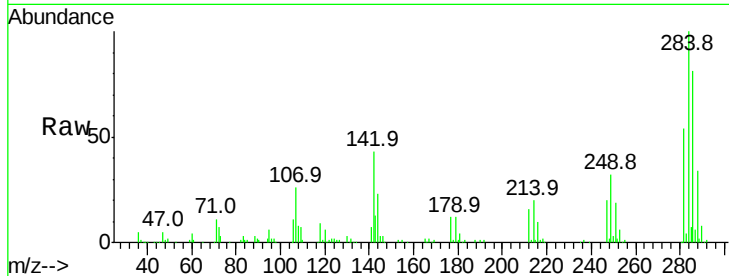




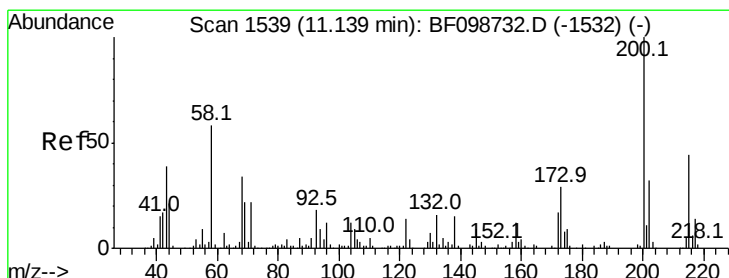
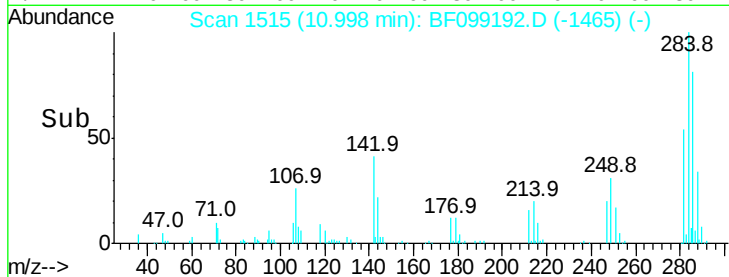
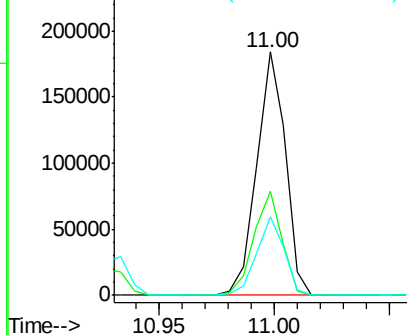
#67
Hexachlorobenzene
Concen: 41.961 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 160054
Ion Ratio Lower Upper
284 100
142 43.0 34.6 52.0
249 32.1 24.8 37.2

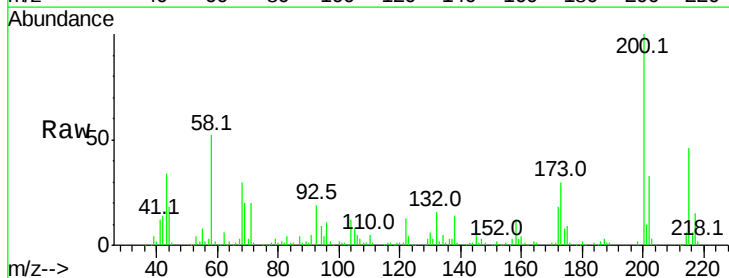


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

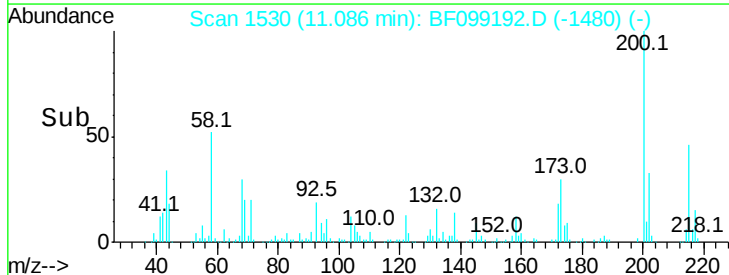
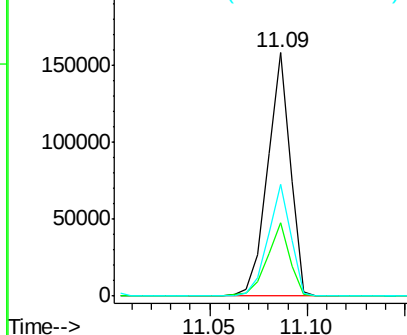


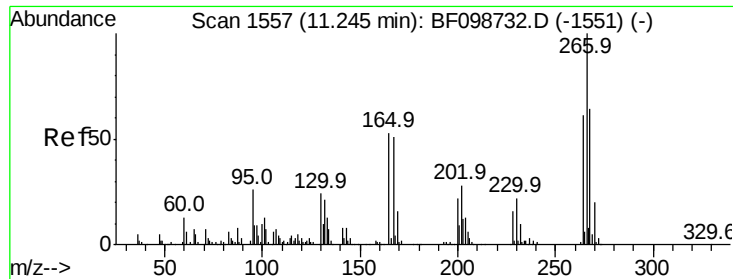
#68
Atrazine
Concen: 33.709 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Tgt Ion:200 Resp: 128190
Ion Ratio Lower Upper
200 100
173 30.1 8.6 48.6
215 45.7 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

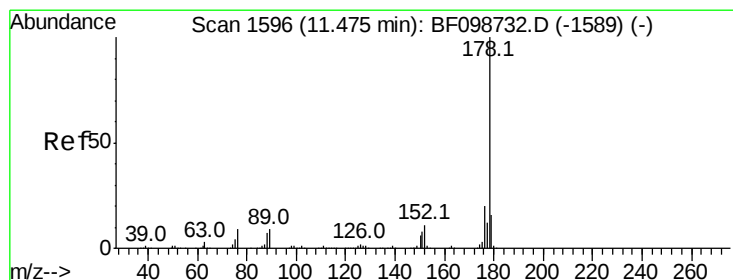
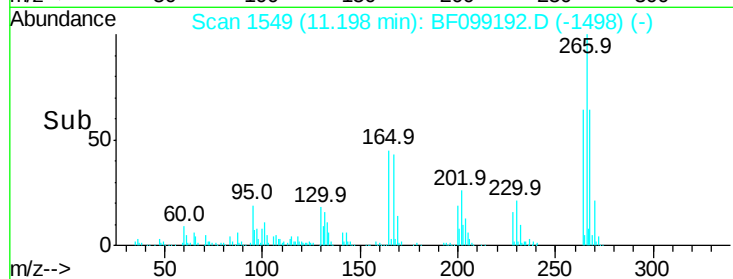
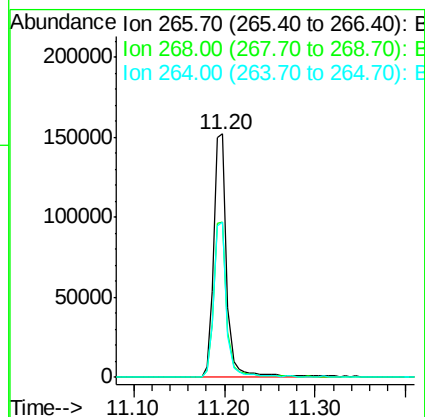
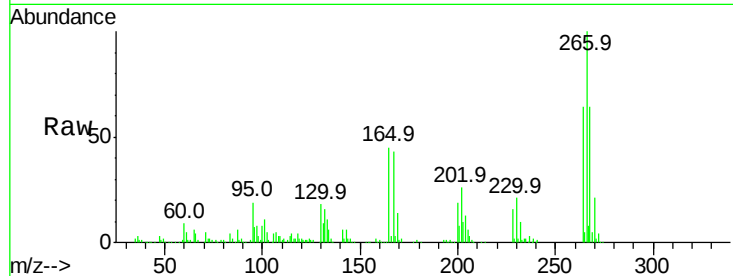




#69
 Pentachlorophenol
 Concen: 66.600 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. 0.00 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

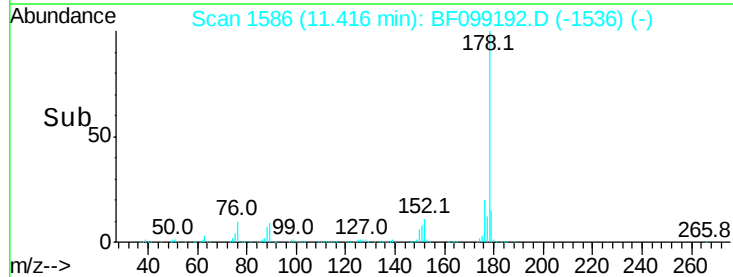
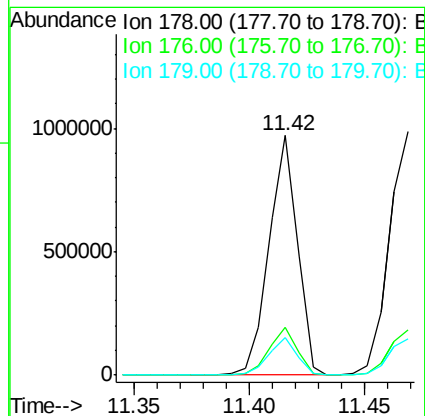
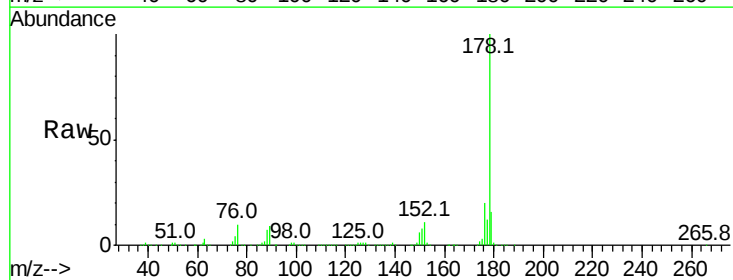
Instrument :
 BNA_F
 ClientSampleId :

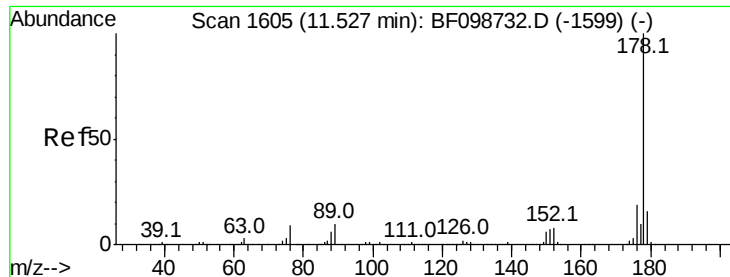
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.1	76.7
264	63.5	49.5	74.3



#70
 Phenanthrene
 Concen: 42.516 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.6	13.0	19.6

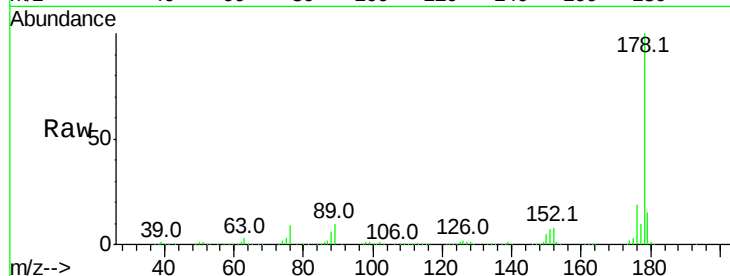




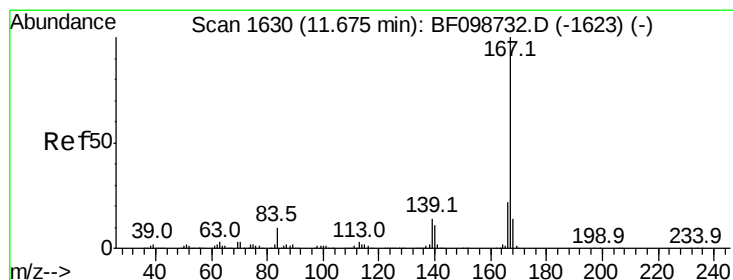
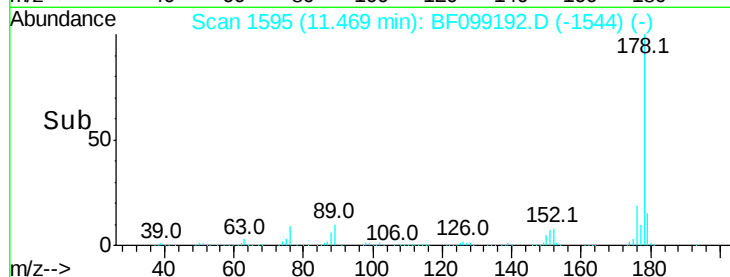
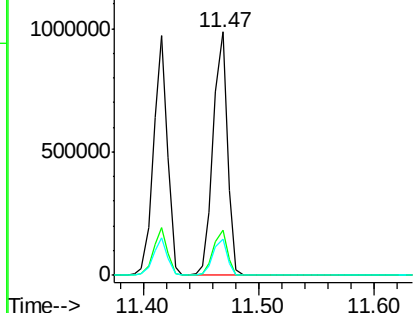
#71
 Anthracene
 Concen: 42.587 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 851004
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.2
 179 15.1 12.6 19.0

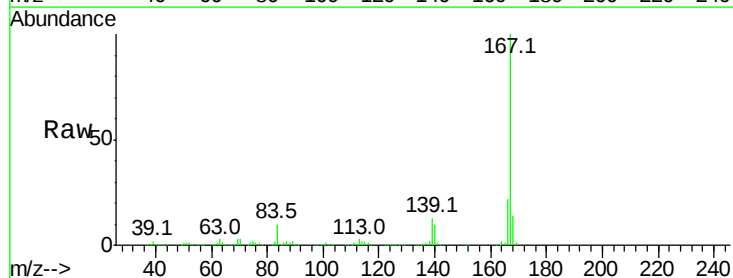


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

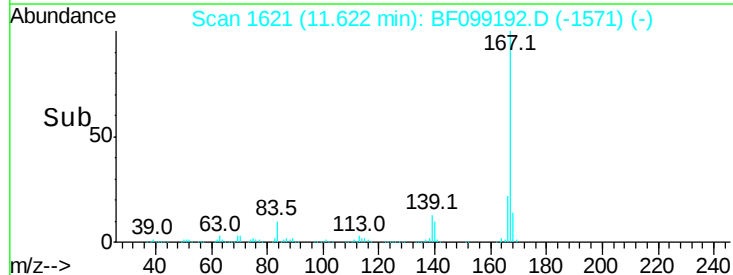
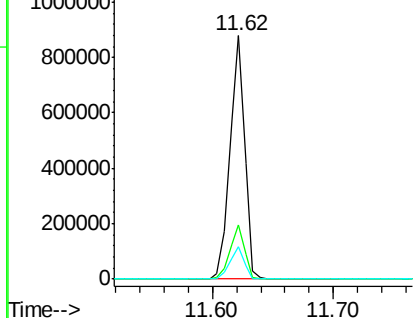


#72
 Carbazole
 Concen: 38.256 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.01 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Tgt Ion:167 Resp: 748602
 Ion Ratio Lower Upper
 167 100
 166 22.4 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: 43.625 ng

RT: 11.95 min Scan# 1676

Delta R.T. 0.00 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

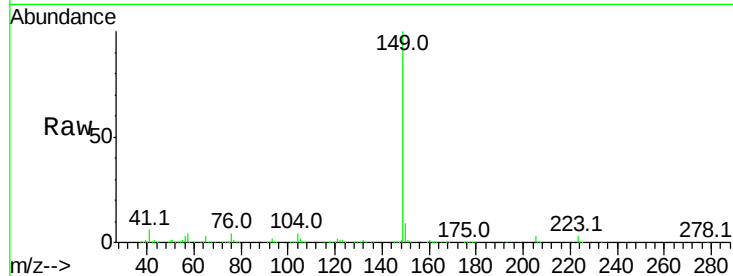
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1027536

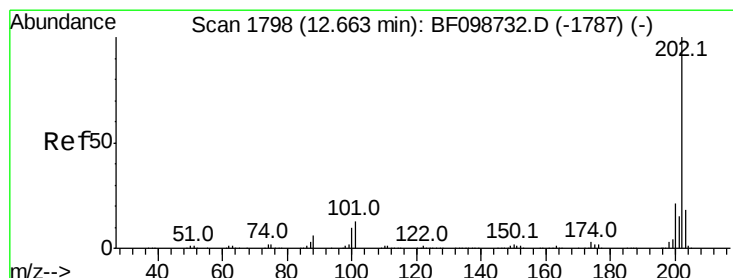
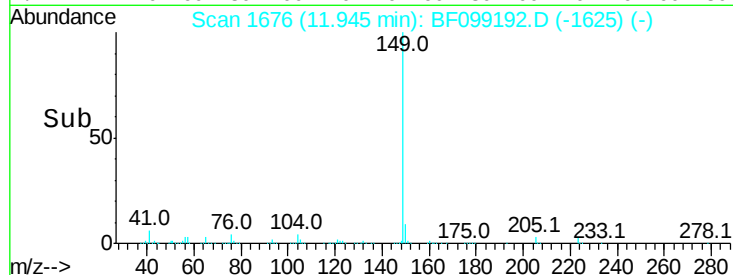
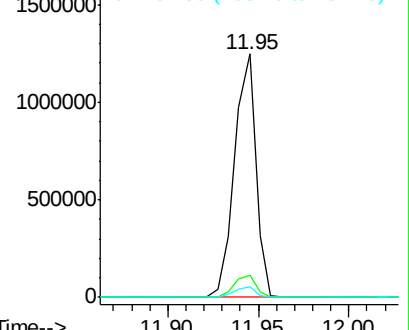
Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.8	11.6
104	4.3	3.8	5.8



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: 36.433 ng

RT: 12.60 min Scan# 1788

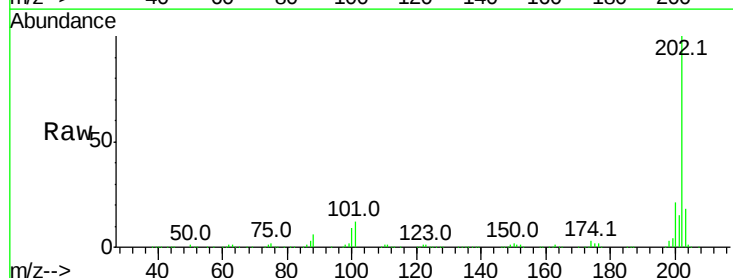
Delta R.T. 0.00 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

Tgt Ion:202 Resp: 720500

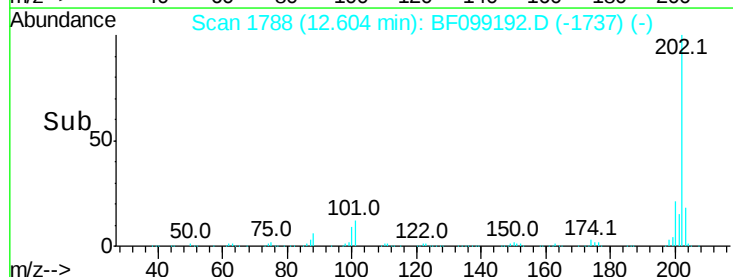
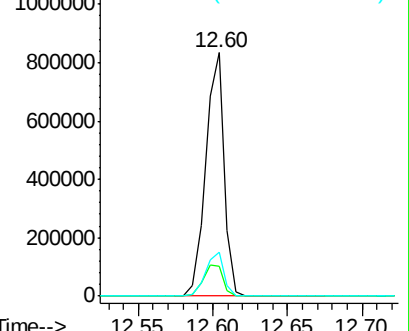
Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	34.1
203	17.8	0.0	38.1

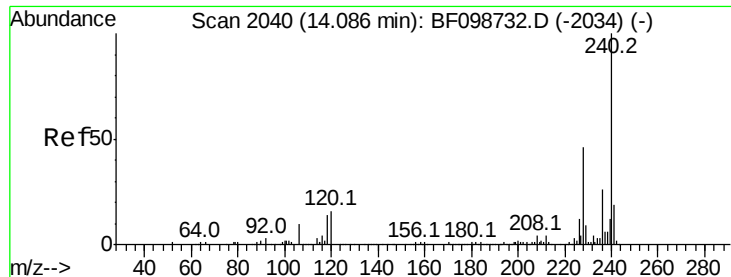


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2030

Delta R.T. -0.01 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

Instrument :

BNA_F

ClientSampleId :

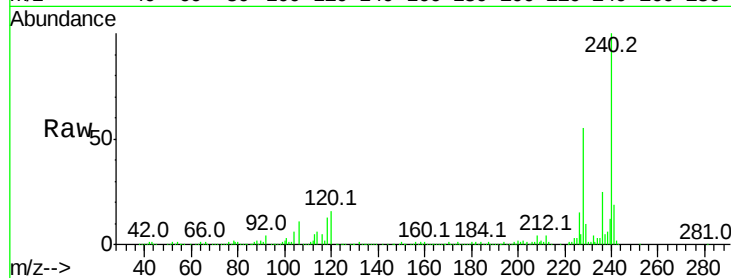
Tot Ion:240 Resp: 218897

Ion Ratio Lower Upper

240 100

120 16.1 9.5 14.3#

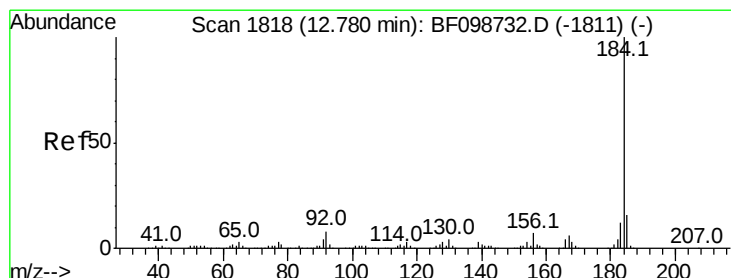
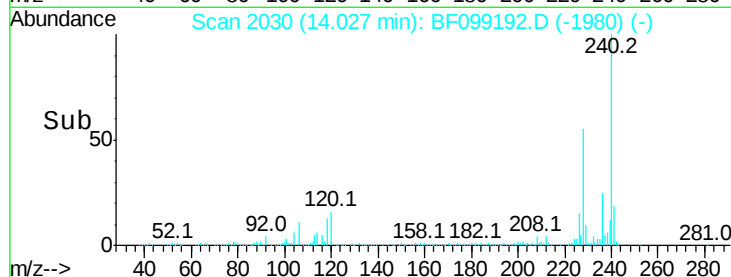
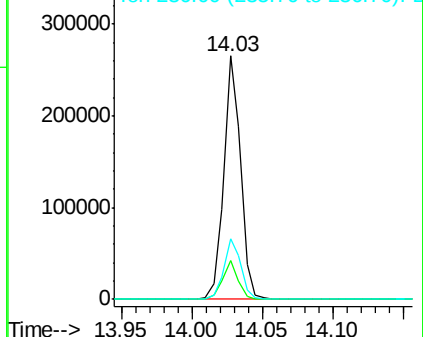
236 24.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.728 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

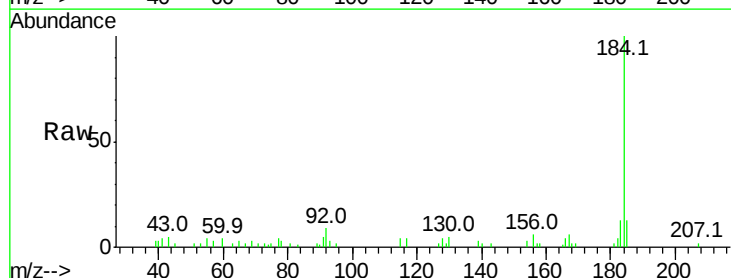
Tgt Ion:184 Resp: 22086

Ion Ratio Lower Upper

184 100

185 13.4 12.6 18.8

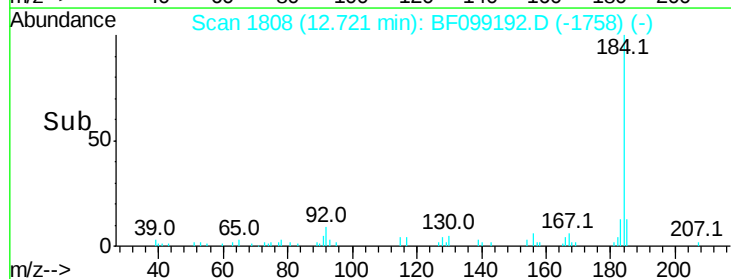
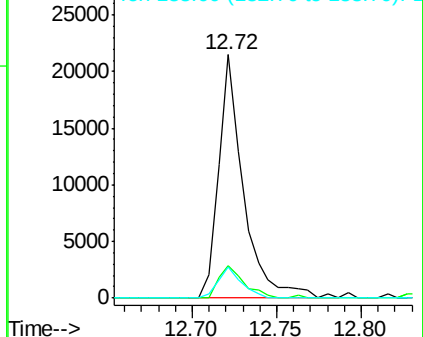
183 12.9 9.3 13.9

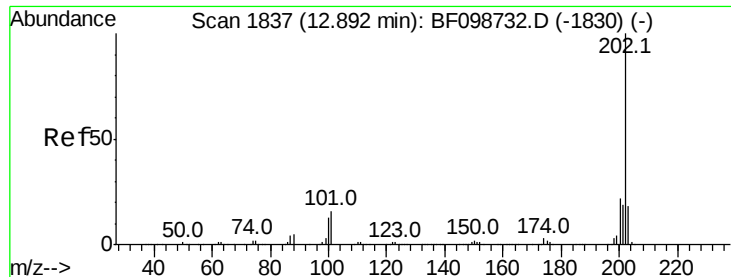


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.581 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

Instrument :

BNA_F

ClientSampled :

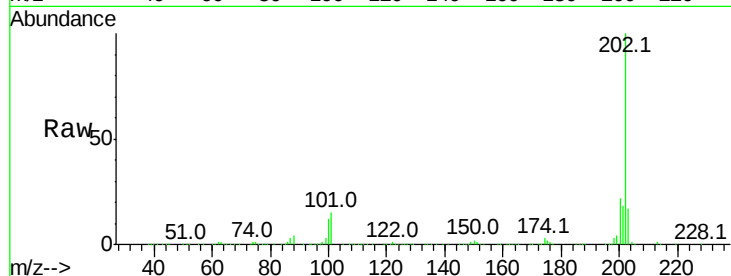
Tot Ion:202 Resp: 727446

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

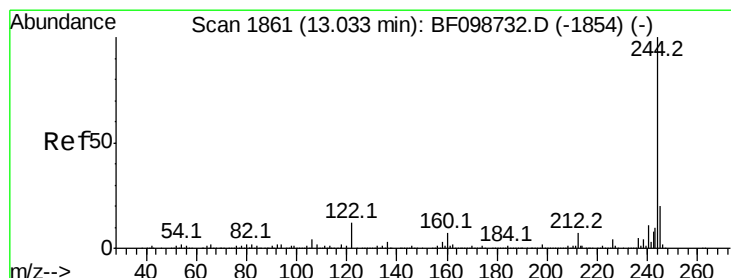
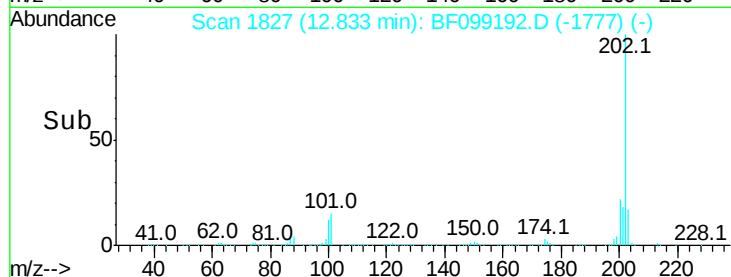
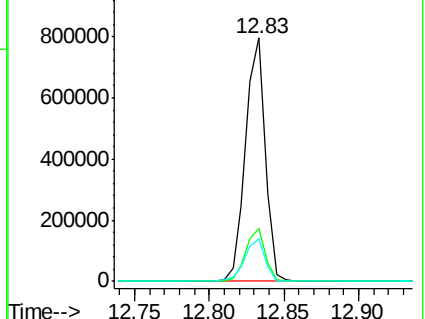
203 17.5 14.3 21.5



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: 94.875 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

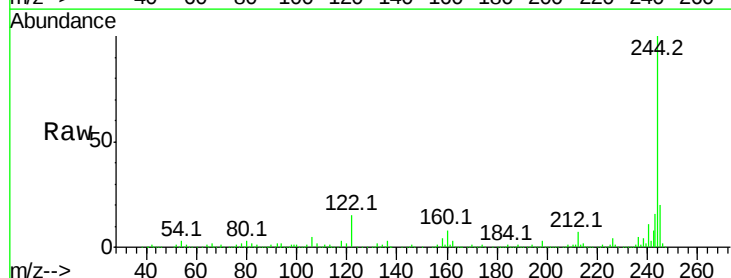
Tgt Ion:244 Resp: 913191

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

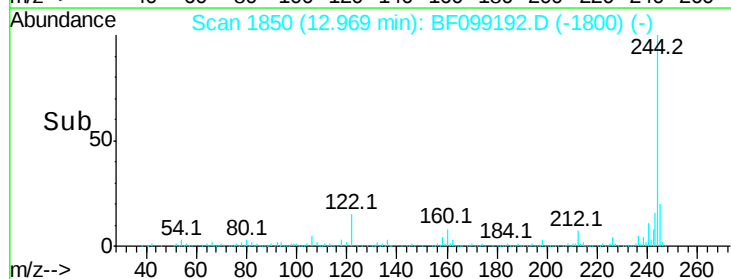
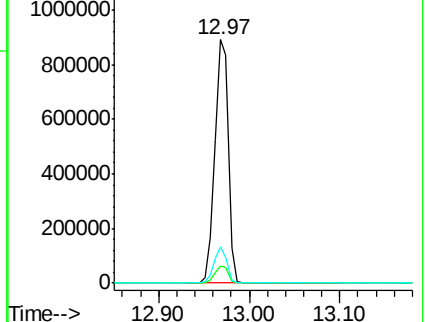
122 14.7 11.0 16.4

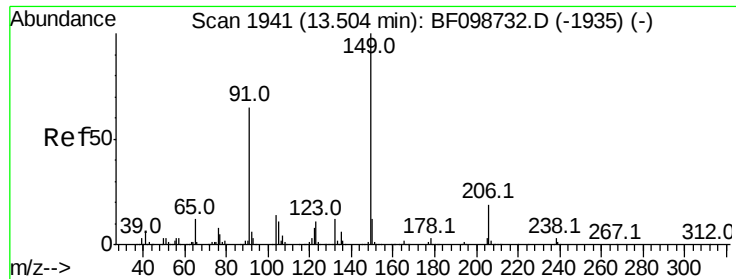


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

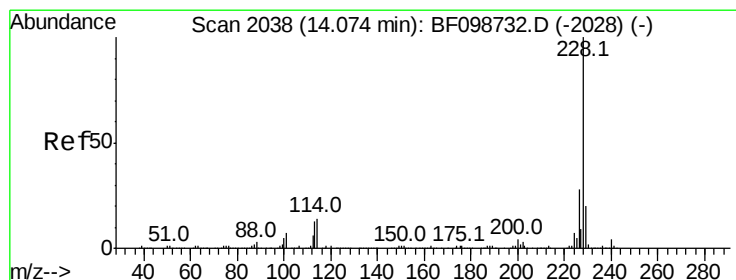
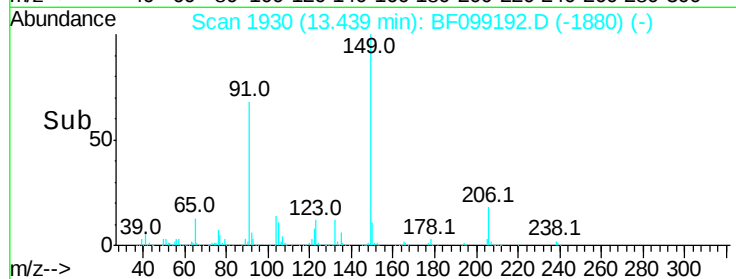
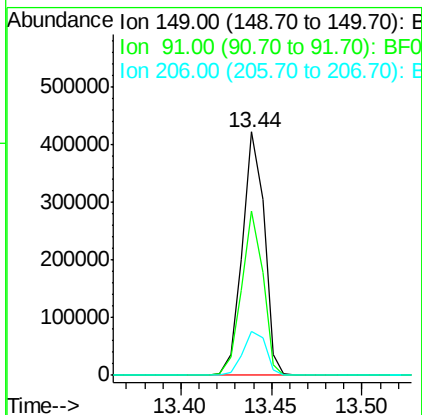
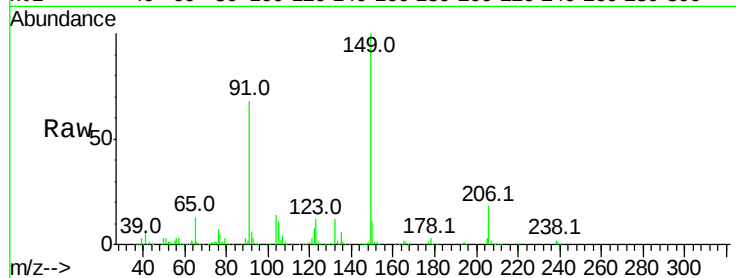




#79
 Butylbenzylphthalate
 Concen: 45.453 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

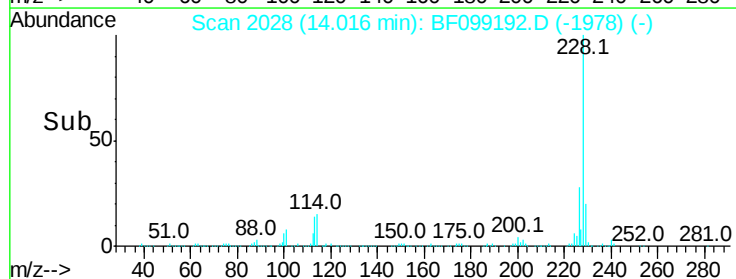
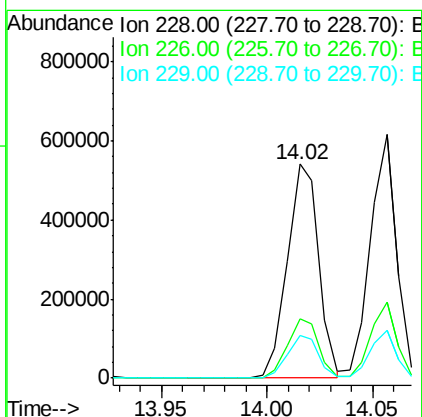
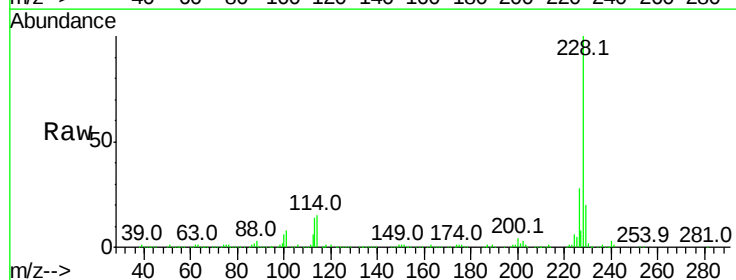
Instrument :
 BNA_F
 ClientSampleId :

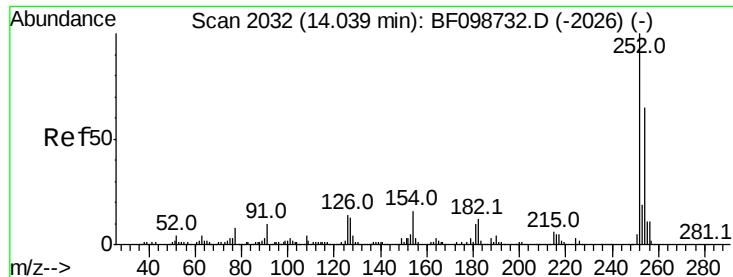
Tot Ion:149 Resp: 356569
 Ion Ratio Lower Upper
 149 100
 91 67.6 56.8 85.2
 206 17.9 14.1 21.1



#80
 Benzo(a)anthracene
 Concen: 42.203 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Tgt Ion:228 Resp: 559390
 Ion Ratio Lower Upper
 228 100
 226 27.6 22.6 33.8
 229 20.1 15.8 23.6

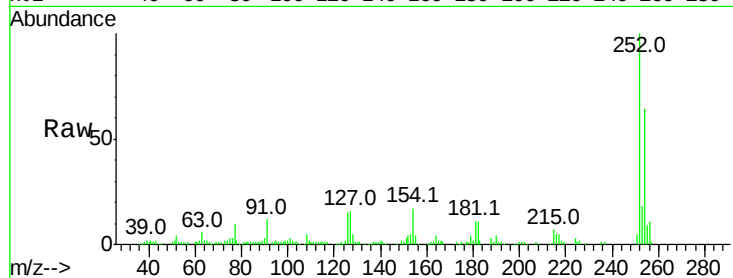




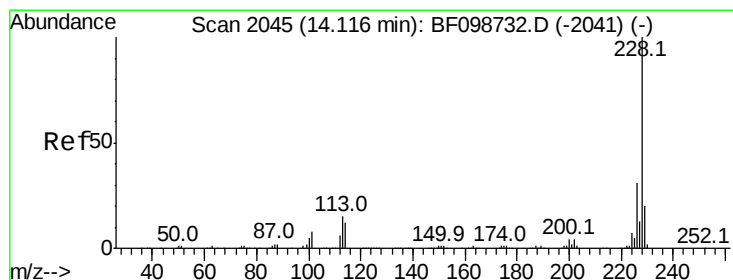
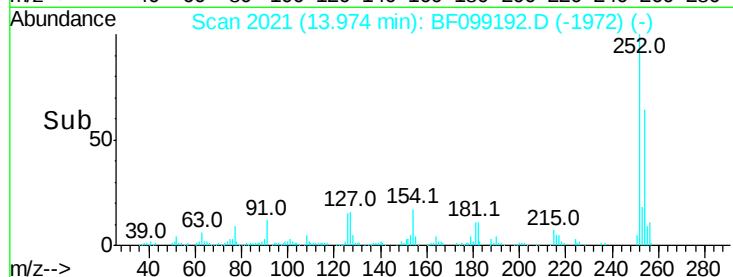
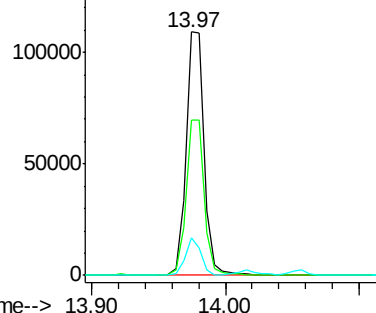
#81
 3,3'-Dichlorobenzidine
 Concen: 21.385 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.6	50.4	75.6
126	15.5	11.3	16.9

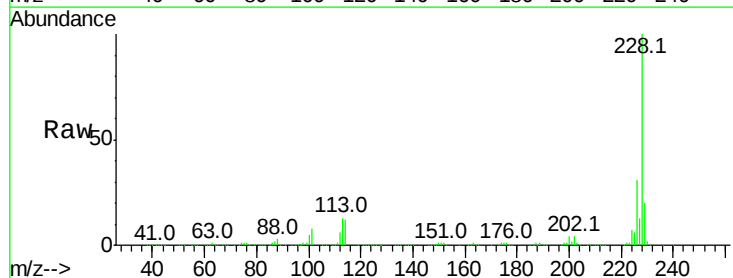


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

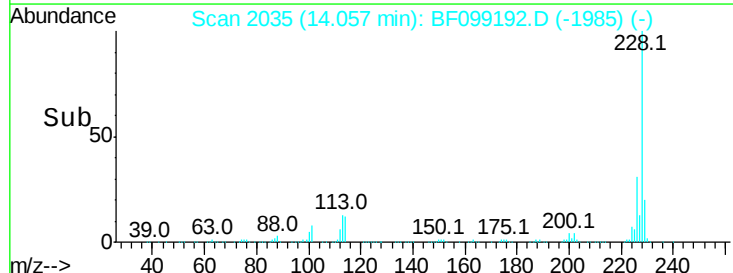
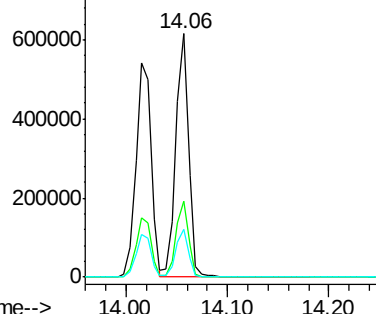


#82
 Chrysene
 Concen: 42.701 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	19.6	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

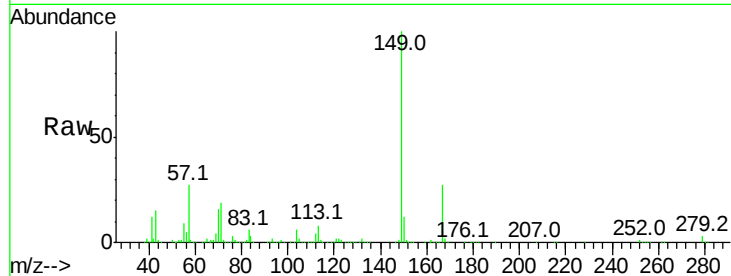




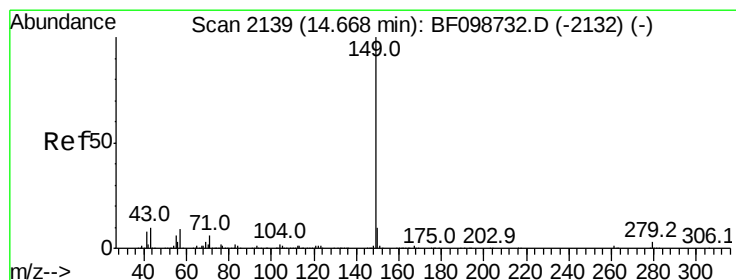
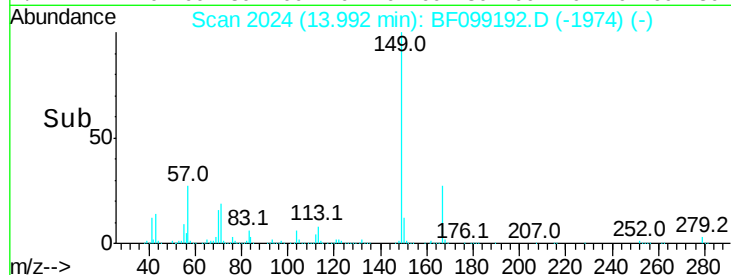
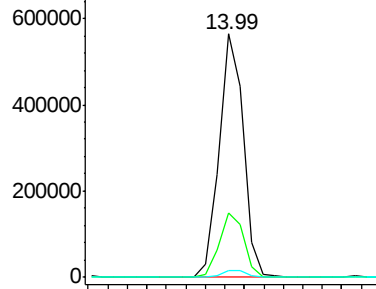
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.918 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 485197
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.3 31.9
 279 2.8 3.0 4.4#

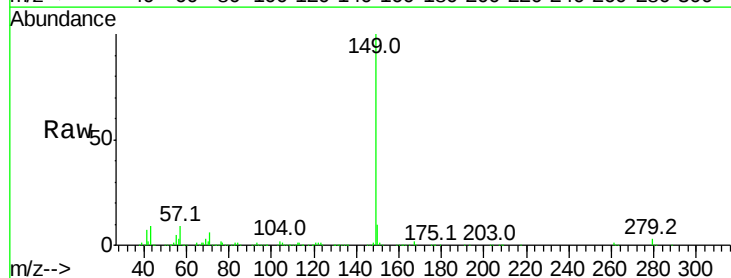


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

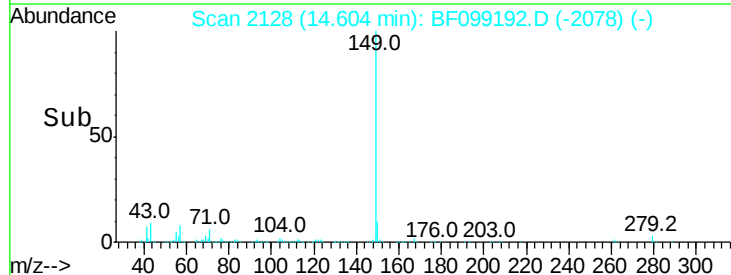
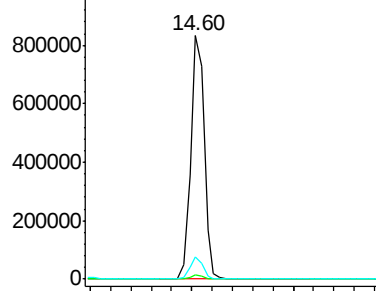


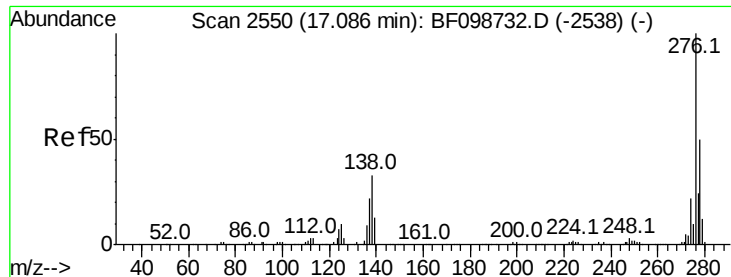
#84
 Di-n-octyl phthalate
 Concen: 44.246 ng
 RT: 14.60 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Tgt Ion:149 Resp: 769574
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 8.6 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

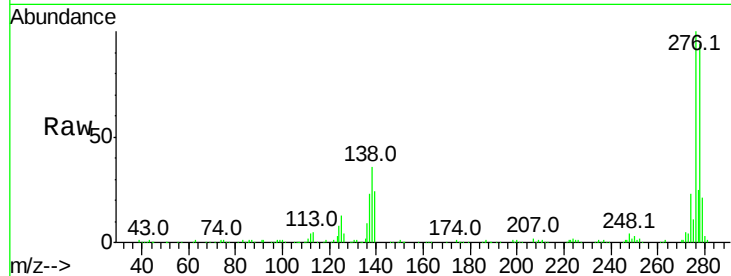




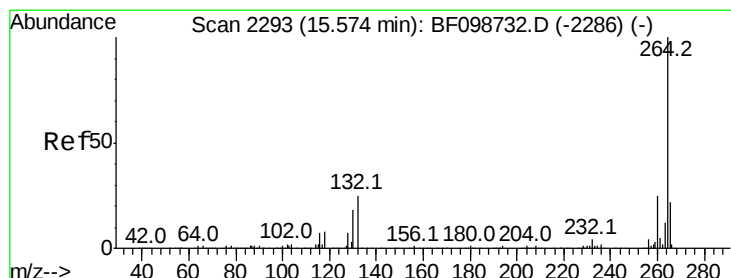
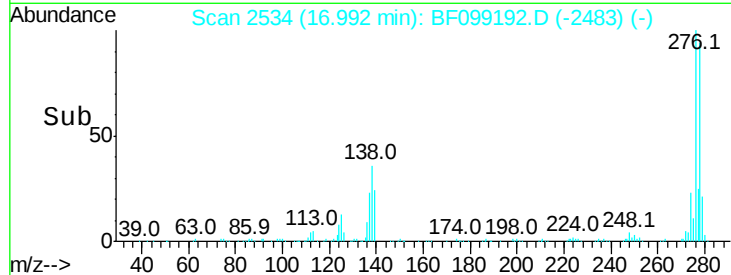
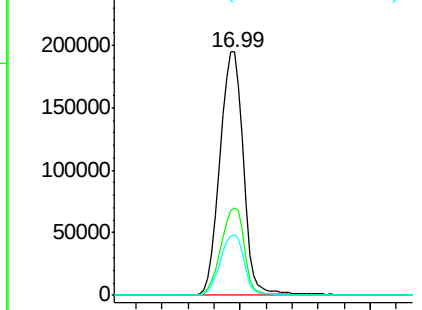
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.638 ng
 RT: 16.99 min Scan# 2534
 Delta R.T. 0.00 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.6	25.0	37.6
277	25.1	20.1	30.1

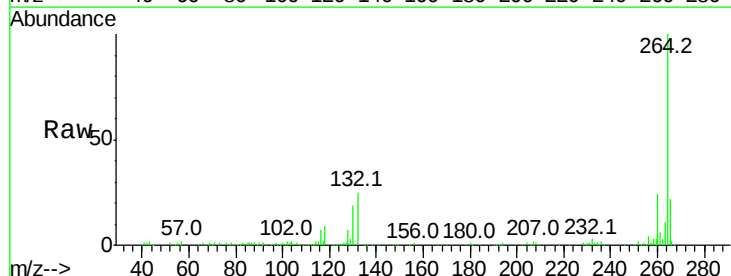


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

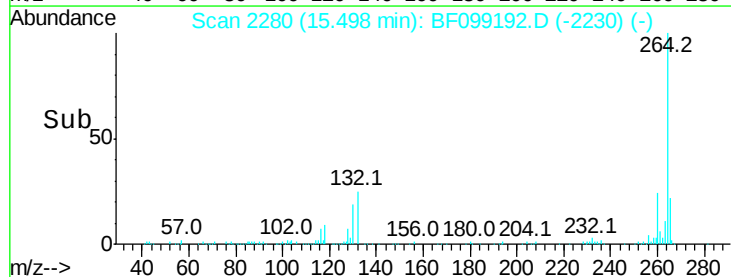
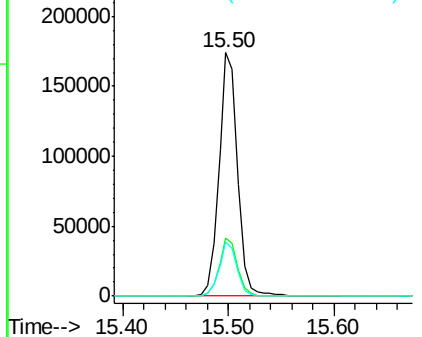


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.4	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: 42.500 ng

RT: 15.07 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BF099192.D

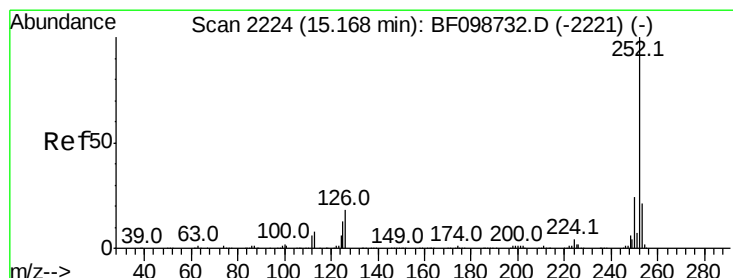
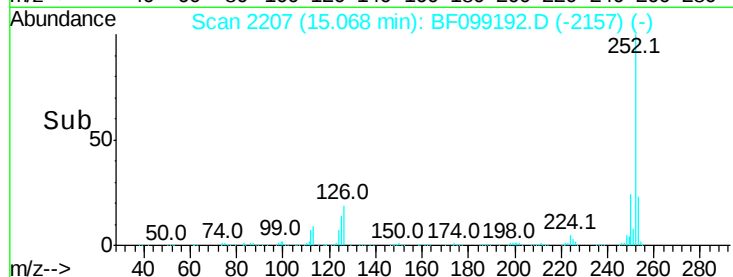
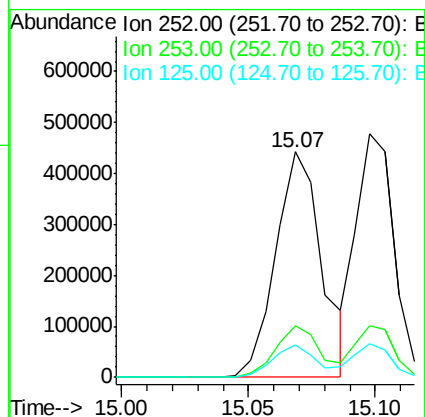
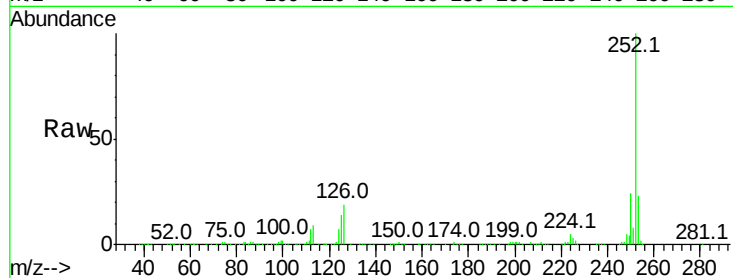
Acq: 7 Oct 2017 14:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:252	Resp:	559785
Ion Ratio	Lower	Upper
252	100	
253	22.6	17.0 25.6
125	14.3	9.0 13.6#



#88

Benzo(k)fluoranthene

Concen: 38.864 ng

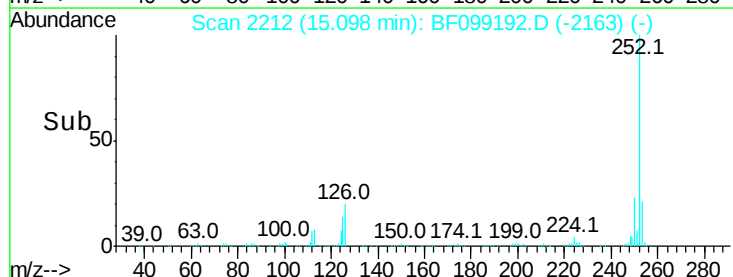
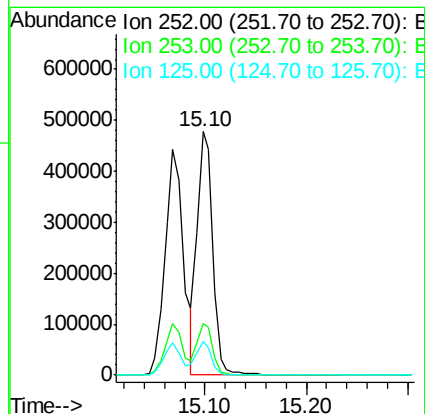
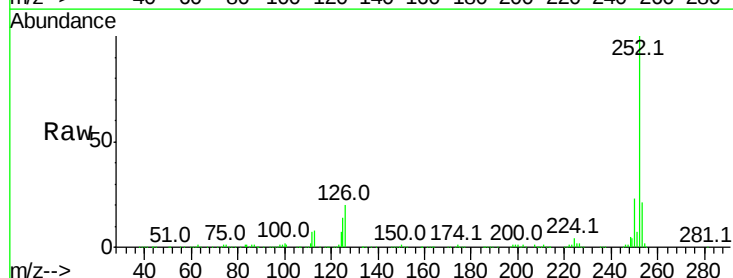
RT: 15.10 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

Tgt Ion:252	Resp:	505603
Ion Ratio	Lower	Upper
252	100	
253	21.4	17.9 26.9
125	13.8	10.2 15.2





#89

Benzo(a)pyrene

Concen: 42.381 ng

RT: 15.44 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

Instrument :

BNA_F

ClientSampled :

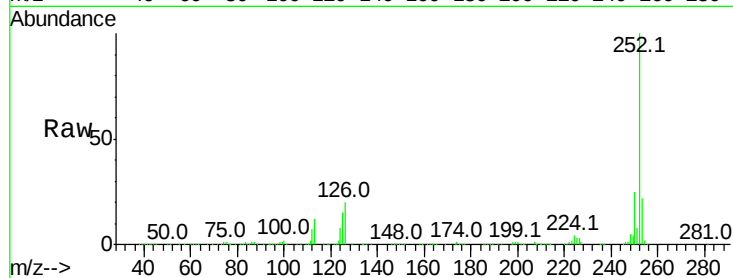
Tot Ion:252 Resp: 512402

Ion Ratio Lower Upper

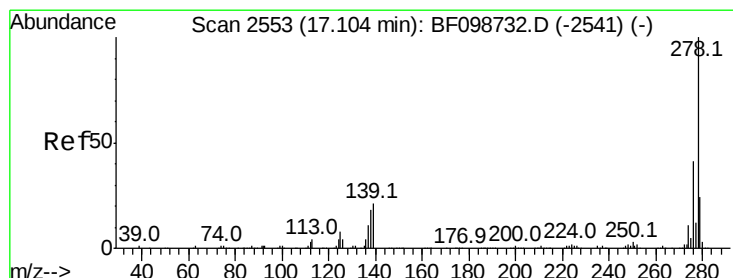
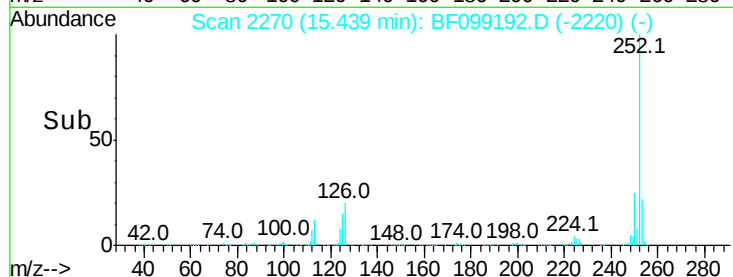
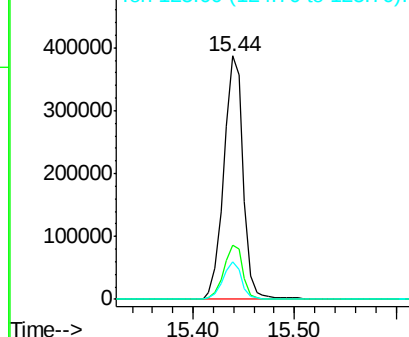
252 100

253 22.0 17.1 25.7

125 15.3 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: 42.783 ng

RT: 17.00 min Scan# 2536

Delta R.T. -0.01 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

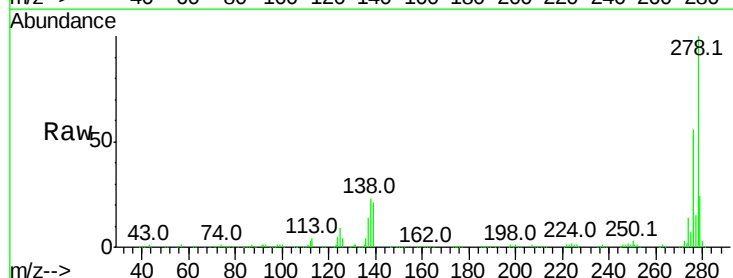
Tgt Ion:278 Resp: 413959

Ion Ratio Lower Upper

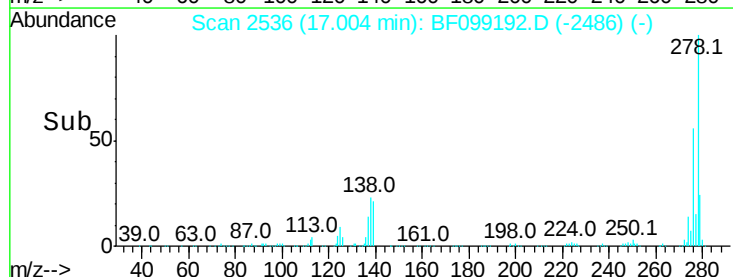
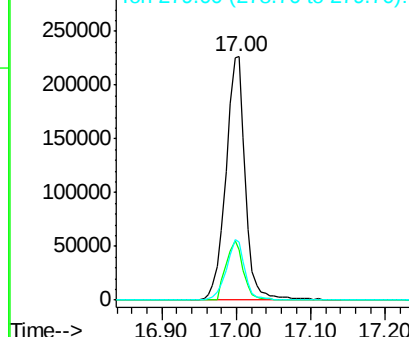
278 100

139 20.7 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

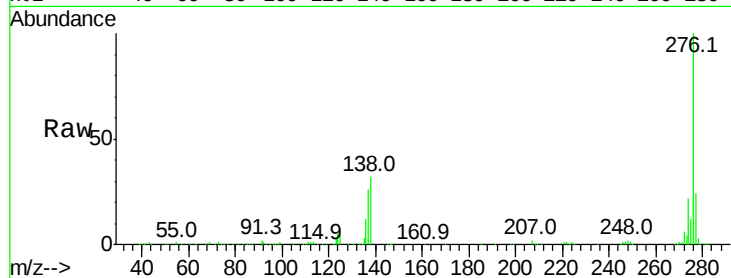




#91
 Benzo(a,h,i)perylene
 Concen: 41.885 ng
 RT: 17.43 min Scan# 2609
 Delta R.T. -0.01 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	31.7	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

