

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101217\
 Data File : BF099397.D
 Acq On : 12 Oct 2017 16:14
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 16:55:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 12 16:21:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	124013	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	527169	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	240236	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	411777	20.00	ng	0.00
75) Chrysene-d12	14.02	240	296865	20.00	ng	0.00
86) Perylene-d12	15.49	264	240961	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	628592	80.69	ng	0.00
7) Phenol-d6	6.49	99	791533	82.36	ng	0.00
23) Nitrobenzene-d5	7.42	82	669141	81.40	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	165193	84.03	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1215109	84.44	ng	0.00
78) Terphenyl-d14	12.96	244	1081799	82.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	139545	37.499	ng	94
3) Pyridine	3.40	79	374975	37.249	ng	94
4) n-Nitrosodimethylamine	3.36	42	144933	33.951	ng	84
6) Aniline	6.52	93	524958	40.474	ng	97
8) 2-Chlorophenol	6.64	128	366874	41.586	ng	96
9) Benzaldehyde	6.41	77	199185	35.731	ng	92
10) Phenol	6.50	94	454528	42.290	ng	98
11) bis(2-Chloroethyl)ether	6.59	93	341085	40.822	ng	98
12) 1,3-Dichlorobenzene	6.79	146	386659	41.850	ng	98
13) 1,4-Dichlorobenzene	6.87	146	394587	41.976	ng	98
14) 1,2-Dichlorobenzene	7.03	146	359720	41.414	ng	97
15) Benzyl Alcohol	7.00	79	261278	37.060	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	484712	37.234	ng	95
17) 2-Methylphenol	7.11	107	299212	41.451	ng	97
18) Hexachloroethane	7.36	117	136178	40.303	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	227666	37.105	ng	91
20) 3+4-Methylphenols	7.26	107	349640	38.288	ng	# 79
22) Acetophenone	7.27	105	478005	37.425	ng	# 98
24) Nitrobenzene	7.45	77	371032	39.789	ng	91
25) Isophorone	7.68	82	671710	39.523	ng	98
26) 2-Nitrophenol	7.76	139	211109	47.079	ng	# 88
27) 2,4-Dimethylphenol	7.79	122	325648	38.455	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	429691	40.570	ng	99
29) 2,4-Dichlorophenol	8.00	162	311789	42.883	ng	95
30) 1,2,4-Trichlorobenzene	8.07	180	309169	42.516	ng	98
31) Naphthalene	8.16	128	1018678	41.144	ng	99
32) Benzoic acid	7.94	122	243415	34.993	ng	98
33) 4-Chloroaniline	8.21	127	430185	41.606	ng	97
34) Hexachlorobutadiene	8.27	225	156538	41.794	ng	98
35) Caprolactam	8.60	113	97445	41.782	ng	89
36) 4-Chloro-3-methylphenol	8.69	107	328455	40.192	ng	96
37) 2-Methylnaphthalene	8.85	142	667676	41.482	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	306544	42.786	ng	99
40) Hexachlorocyclopentadiene	9.00	237	132894	40.589	ng	98

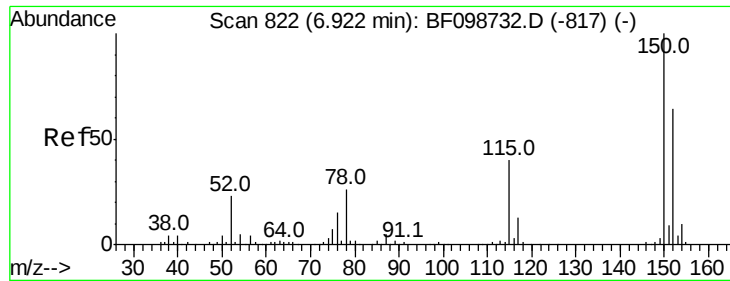
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101217\
 Data File : BF099397.D
 Acq On : 12 Oct 2017 16:14
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
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Quant Time: Oct 12 16:55:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 12 16:21:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	209043	41.186	ng	99
43) 2,4,5-Trichlorophenol	9.17	196	211362	41.716	ng	98
45) 1,1'-Biphenyl	9.32	154	849637	41.151	ng	99
46) 2-Chloronaphthalene	9.34	162	649515	41.899	ng	97
47) 2-Nitroaniline	9.44	65	186966	39.388	ng	96
48) Acenaphthylene	9.76	152	965252	40.675	ng	100
49) Dimethylphthalate	9.62	163	756267	41.710	ng	100
50) 2,6-Dinitrotoluene	9.68	165	171251	43.383	ng	92
51) Acenaphthene	9.93	154	569282	37.870	ng	100
52) 3-Nitroaniline	9.86	138	197739	42.962	ng	89
53) 2,4-Dinitrophenol	9.96	184	74114	39.264	ng	96
54) Dibenzofuran	10.10	168	798292	39.884	ng	100
55) 4-Nitrophenol	10.02	139	128922	33.126	ng	89
56) 2,4-Dinitrotoluene	10.09	165	214533	41.876	ng	# 93
57) Fluorene	10.44	166	665088	41.342	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	141456	40.416	ng	97
59) Diethylphthalate	10.31	149	703192	39.690	ng	98
60) 4-Chlorophenyl-phenylether	10.43	204	293459	40.609	ng	99
61) 4-Nitroaniline	10.47	138	197763	44.536	ng	87
62) Azobenzene	10.59	77	606341	37.220	ng	92
64) 4,6-Dinitro-2-methylphenol	10.50	198	120274	48.007	ng	88
65) n-Nitrosodiphenylamine	10.55	169	593399	41.598	ng	100
66) 4-Bromophenyl-phenylether	10.92	248	172349	42.760	ng	90
67) Hexachlorobenzene	10.99	284	184935	42.959	ng	98
68) Atrazine	11.08	200	180826	42.131	ng	99
69) Pentachlorophenol	11.19	266	116022	43.305	ng	97
70) Phenanthrene	11.40	178	902599	40.950	ng	99
71) Anthracene	11.46	178	935407	41.477	ng	99
72) Carbazole	11.61	167	910079	41.208	ng	99
73) Di-n-butylphthalate	11.93	149	1075156	40.445	ng	99
74) Fluoranthene	12.59	202	905850	40.586	ng	99
76) Benzidine	12.71	184	464608	42.314	ng	99
77) Pyrene	12.82	202	948770	41.912	ng	99
79) Butylbenzylphthalate	13.43	149	447269	42.041	ng	95
80) Benzo(a)anthracene	14.01	228	753820	41.935	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	276427	41.948	ng	100
82) Chrysene	14.05	228	713114	41.669	ng	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	584525	39.902	ng	100
84) Di-n-octyl phthalate	14.59	149	974344	41.306	ng	95
85) Indeno(1,2,3-cd)pyrene	16.98	276	536537	39.192	ng	96
87) Benzo(b)fluoranthene	15.09	252	586315	39.575	ng	98
88) Benzo(k)fluoranthene	15.09	252	586315	40.068	ng	99
89) Benzo(a)pyrene	15.43	252	574770	42.265	ng	# 97
90) Dibenzo(a,h)anthracene	16.99	278	436971	40.150	ng	97
91) Benzo(g,h,i)perylene	17.43	276	448193	41.661	ng	98

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

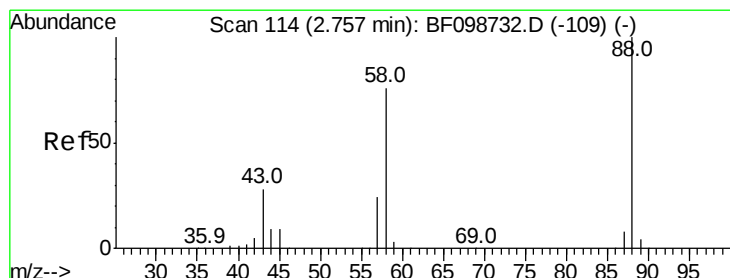
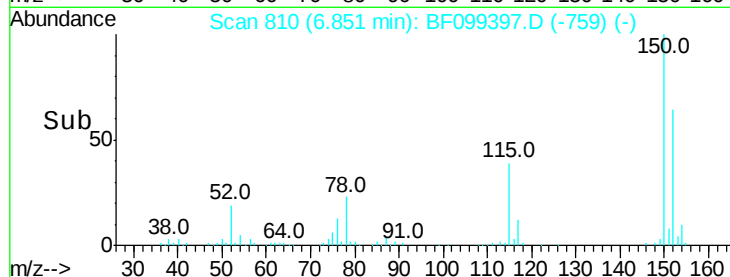
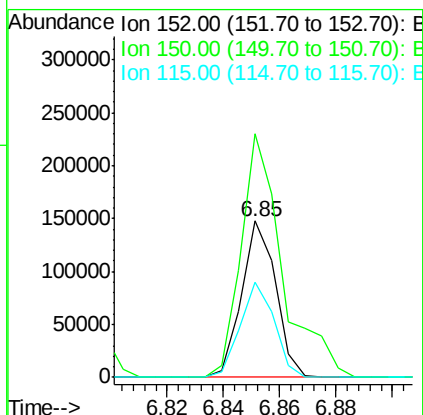
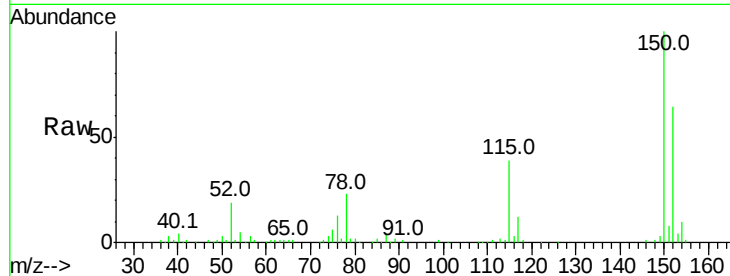


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF099397.D
Acq: 12 Oct 2017 16:14

Instrument :
BNA_F
ClientSampleId :

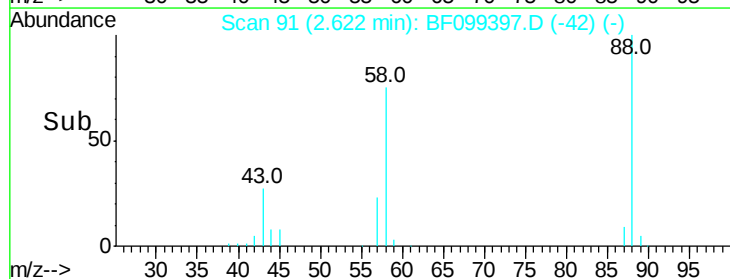
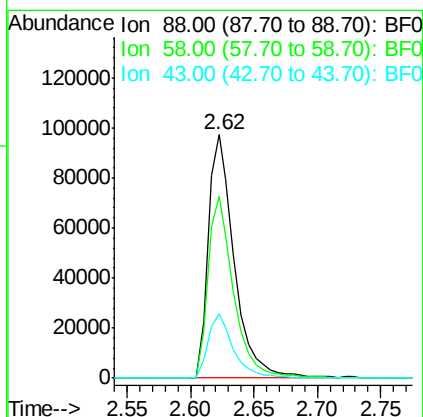
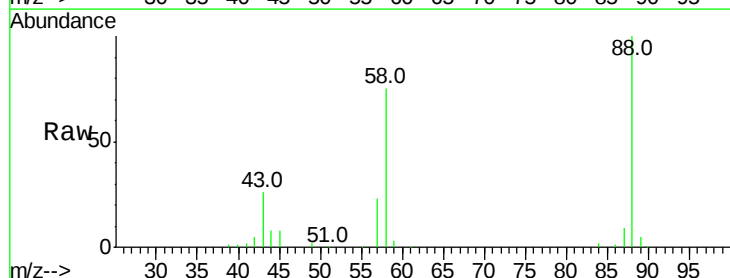
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Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 60.4 50.1 75.1

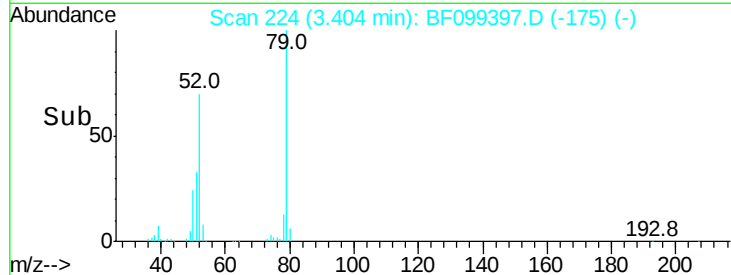
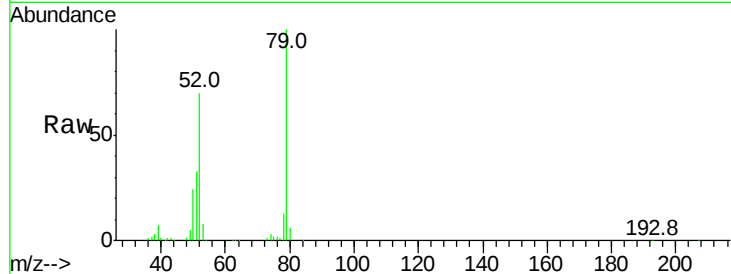
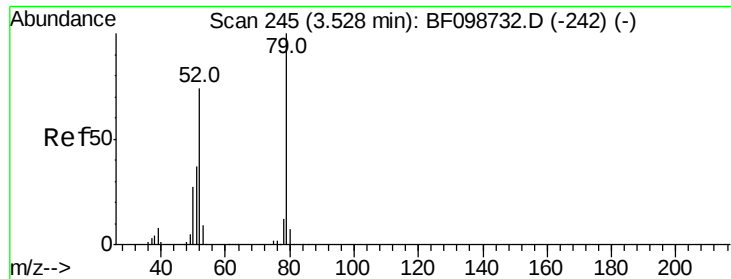


#2

1,4-Dioxane
Concen: 37.499 ng
RT: 2.62 min Scan# 91
Delta R.T. -0.01 min
Lab File: BF099397.D
Acq: 12 Oct 2017 16:14

Tgt Ion: 88 Resp: 139545
Ion Ratio Lower Upper
88 100
58 73.8 62.6 93.8
43 25.9 24.6 37.0

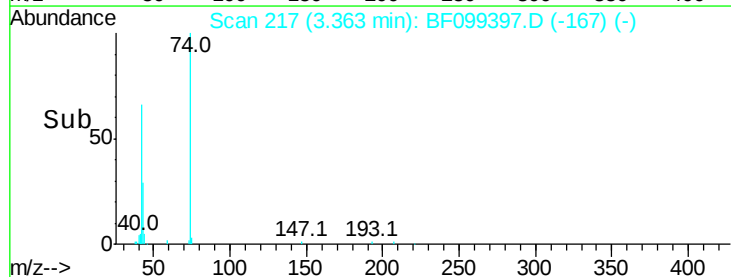
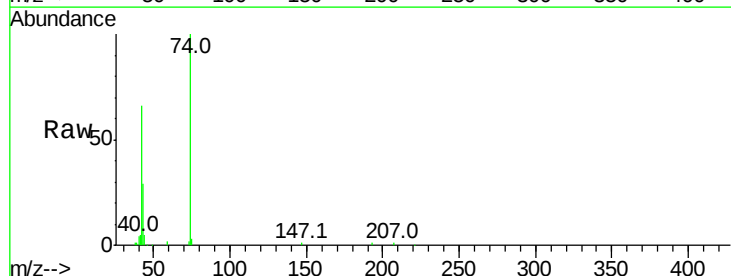
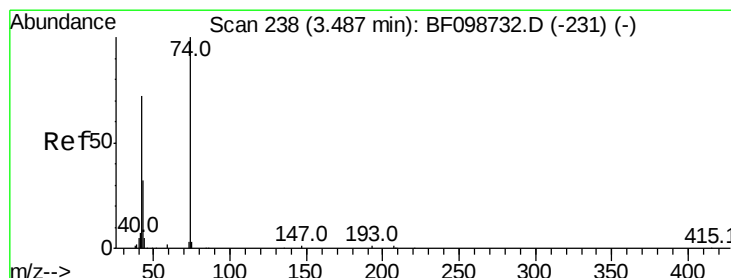
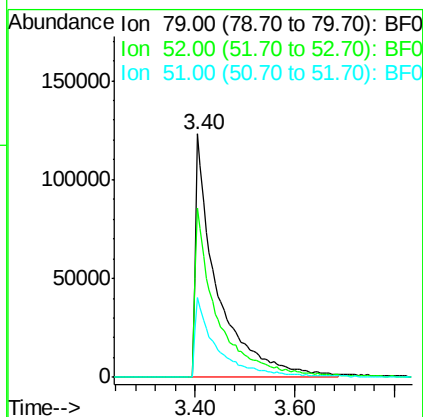




#3
 Pvridine
 Concen: 37.249 ng
 RT: 3.40 min Scan# 224
 Delta R.T. -0.01 min
 Lab File: BF099397.D
 Acq: 12 Oct 2017 16:14

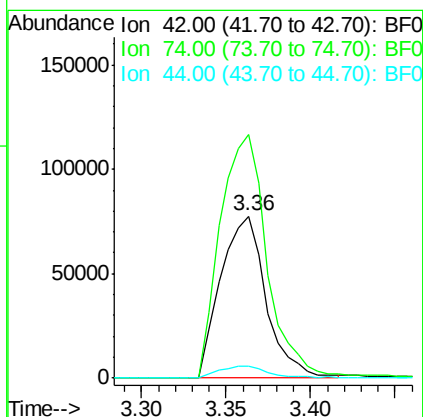
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 374975
 Ion Ratio Lower Upper
 79 100
 52 69.8 59.8 89.6
 51 33.0 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 33.951 ng
 RT: 3.36 min Scan# 217
 Delta R.T. -0.01 min
 Lab File: BF099397.D
 Acq: 12 Oct 2017 16:14

Tgt Ion: 42 Resp: 144933
 Ion Ratio Lower Upper
 42 100
 74 150.6 104.9 157.3
 44 7.5 6.9 10.3





#5

2-Fluorophenol

Concen: 80.690 ng

RT: 5.47 min Scan# 575

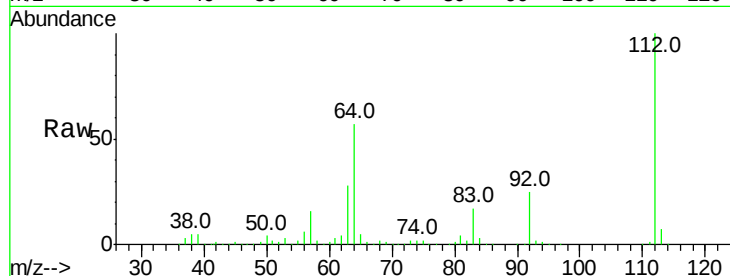
Delta R.T. -0.01 min

Lab File: BF099397.D

Acq: 12 Oct 2017 16:14

Instrument :
BNA_F
ClientSampleId :

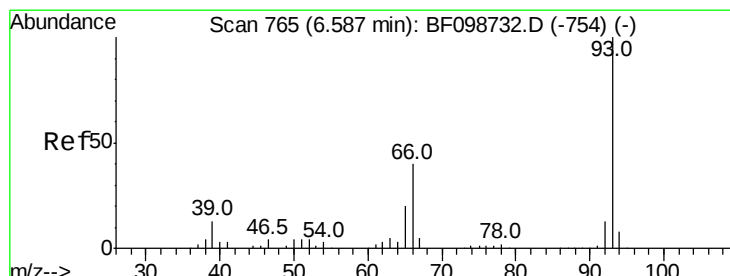
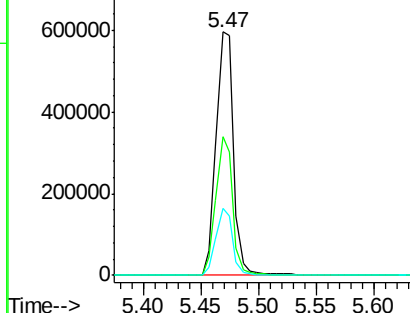
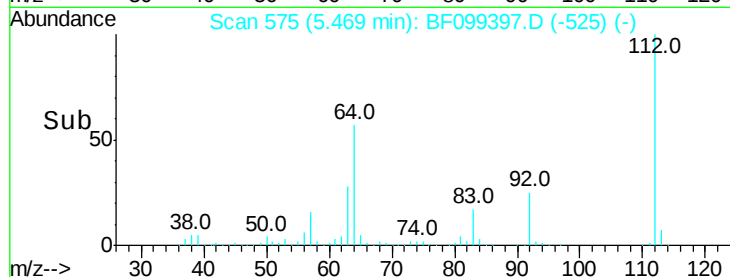
Tot Ion:	112	Resp:	628592
Ion	Ratio	Lower	Upper
112	100		
64	56.9	47.9	71.9
63	27.6	23.7	35.5



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: 40.474 ng

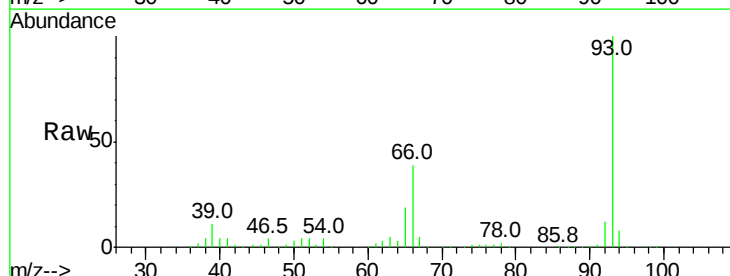
RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF099397.D

Acq: 12 Oct 2017 16:14

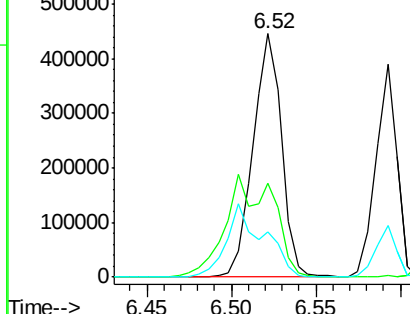
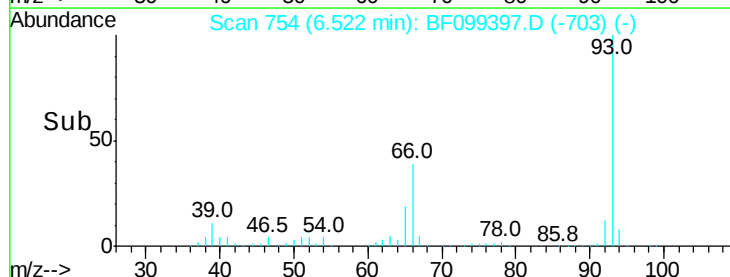
Tgt Ion:	93	Resp:	524958
Ion	Ratio	Lower	Upper
93	100		
66	38.7	32.2	48.2
65	18.7	16.4	24.6

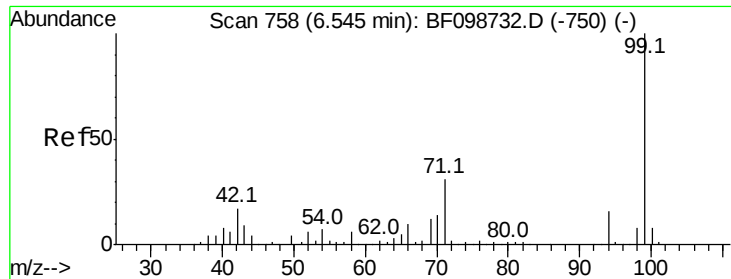


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.364 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099397.D

Acq: 12 Oct 2017 16:14

Instrument :

BNA_F

ClientSampleId :

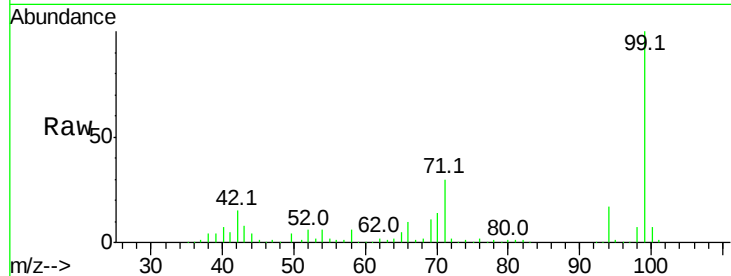
Tot Ion: 99 Resp: 791533

Ion Ratio Lower Upper

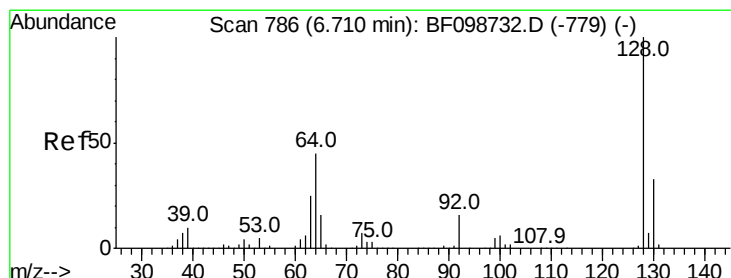
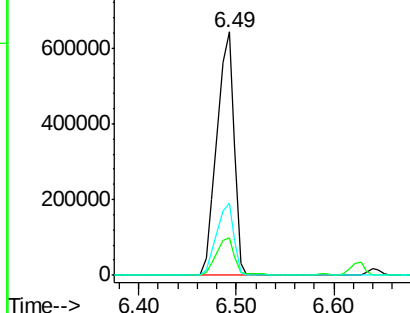
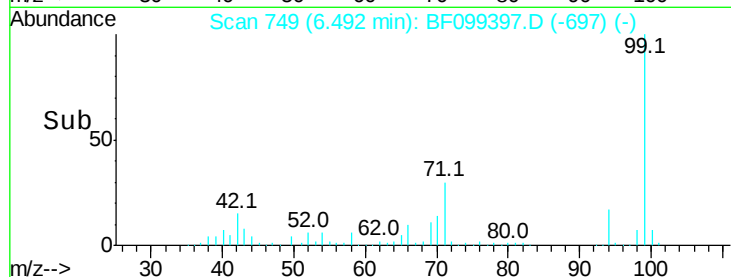
99 100

42 15.2 14.5 21.7

71 29.6 25.4 38.0



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



#8

2-Chlorophenol

Concen: 41.586 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF099397.D

Acq: 12 Oct 2017 16:14

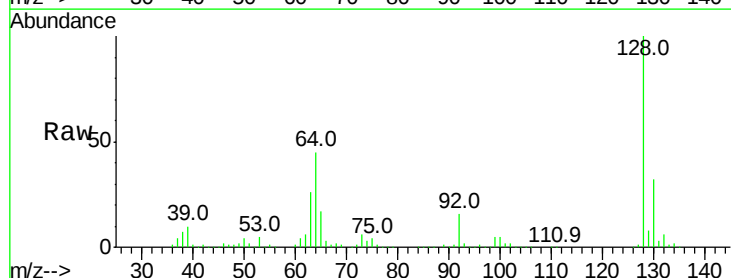
Tgt Ion: 128 Resp: 366874

Ion Ratio Lower Upper

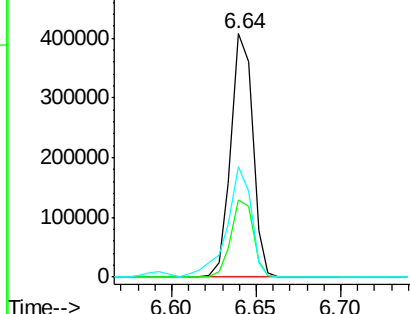
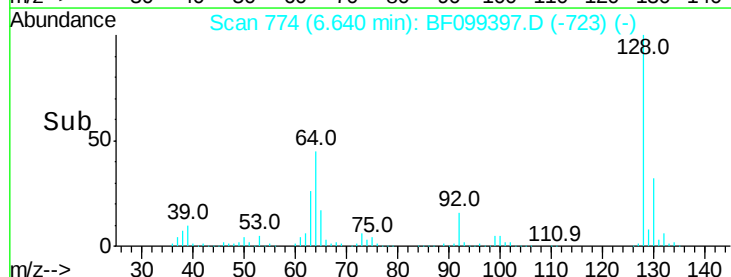
128 100

130 31.8 13.0 53.0

64 45.5 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

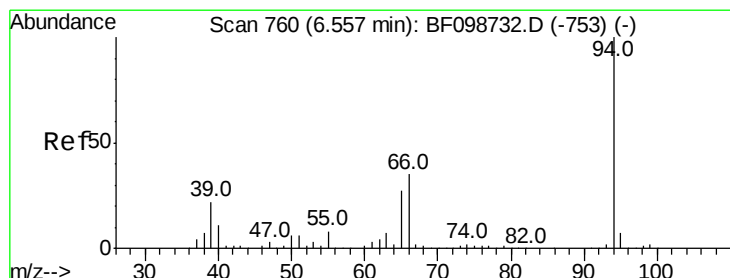
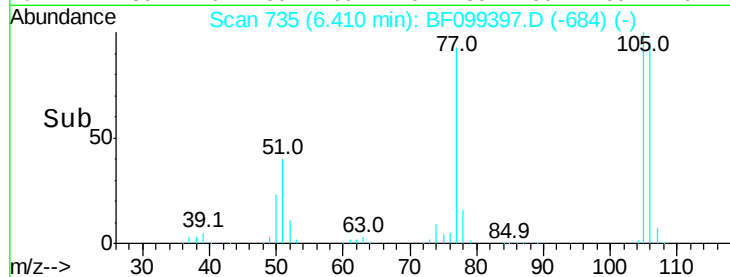
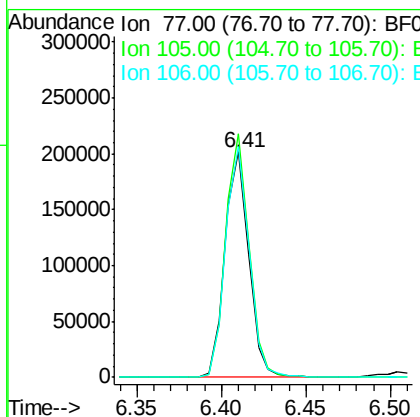
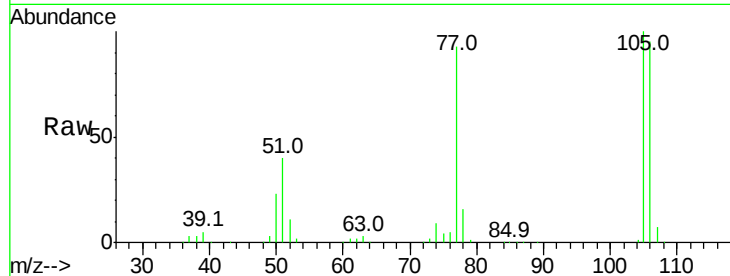




#9
Benzaldehyde
Concen: 35.731 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF099397.D
Acq: 12 Oct 2017 16:14

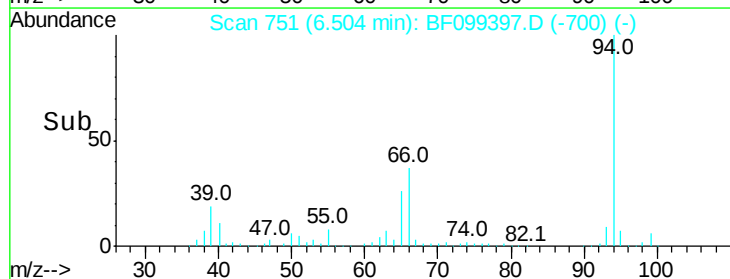
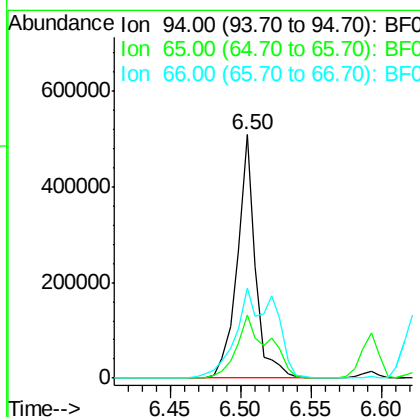
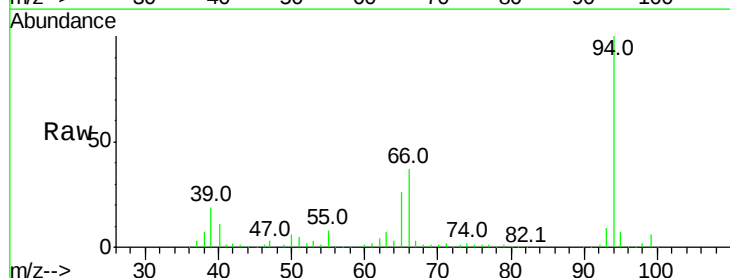
Instrument :
BNA_F
ClientSampleID :

Tot Ion	Ratio	Lower	Upper
77	100		
105	108.1	81.1	121.1
106	102.6	74.5	114.5



#10
Phenol
Concen: 42.290 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF099397.D
Acq: 12 Oct 2017 16:14

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.2	7.9	47.9
66	36.9	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 40.822 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF099397.D

Acq: 12 Oct 2017 16:14

Instrument :

BNA_F

ClientSampled :

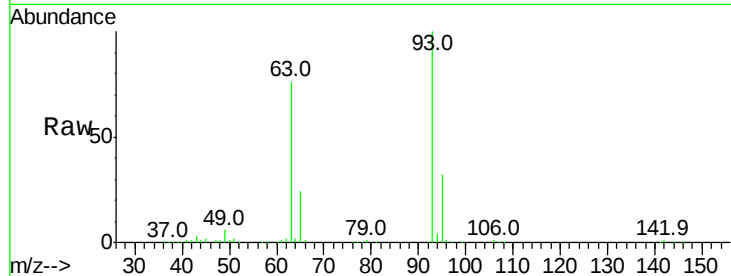
Tot Ion: 93 Resp: 341085

Ion Ratio Lower Upper

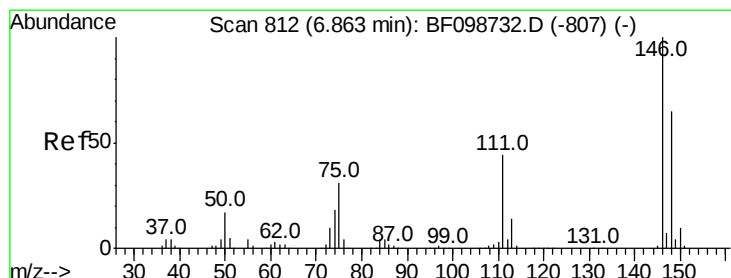
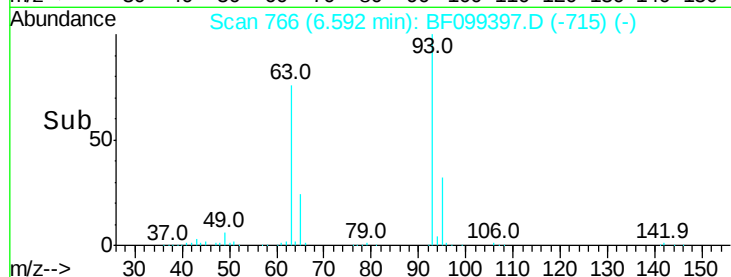
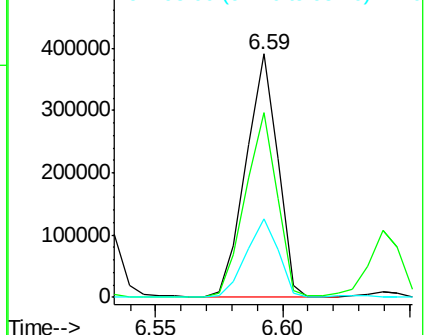
93 100

63 75.9 58.6 98.6

95 32.2 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 41.850 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF099397.D

Acq: 12 Oct 2017 16:14

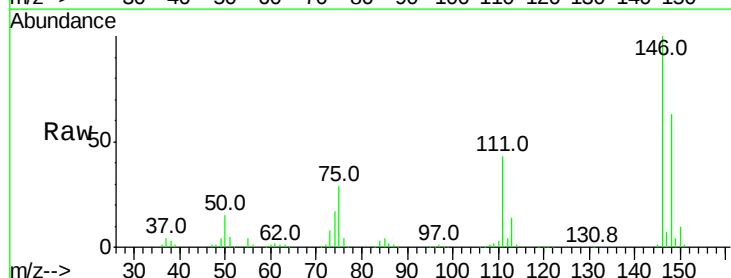
Tgt Ion: 146 Resp: 386659

Ion Ratio Lower Upper

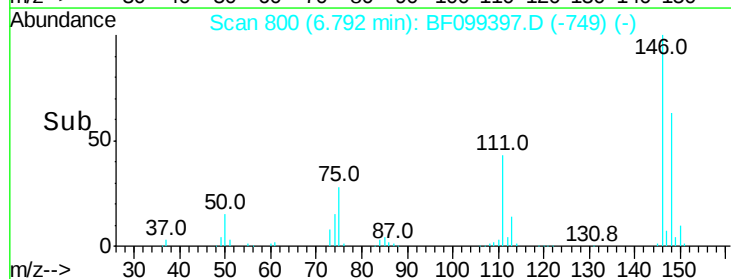
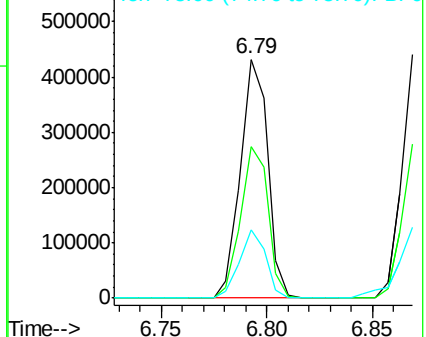
146 100

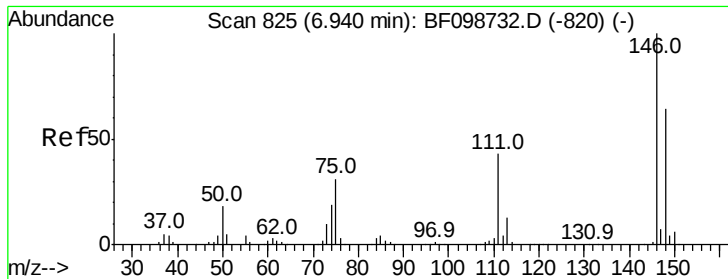
148 63.2 51.8 77.8

75 28.8 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 41.976 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF099397.D

Acq: 12 Oct 2017 16:14

Instrument :

BNA_F

ClientSampled :

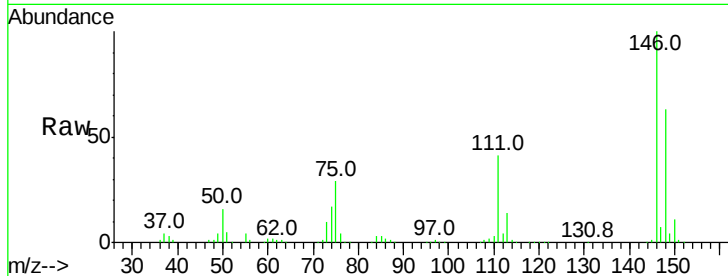
Tot Ion:146 Resp: 394587

Ion Ratio Lower Upper

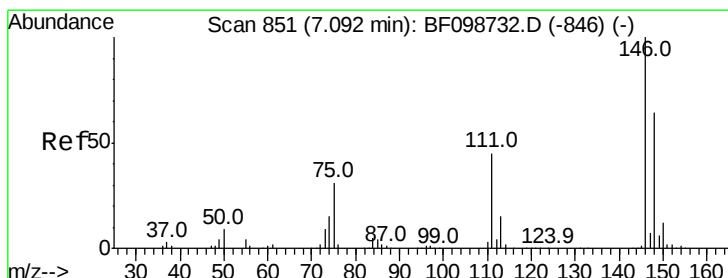
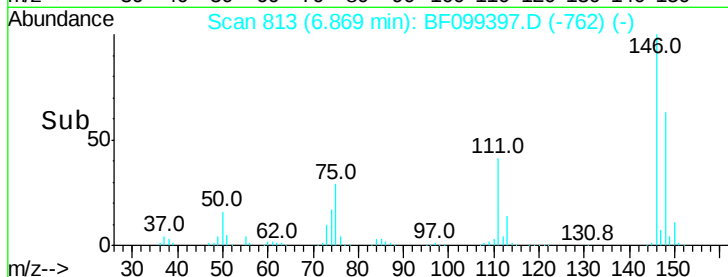
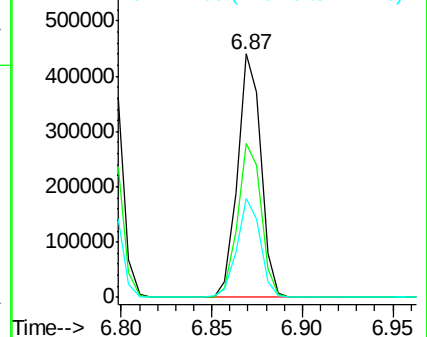
146 100

148 63.0 50.8 76.2

111 40.8 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: 41.414 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF099397.D

Acq: 12 Oct 2017 16:14

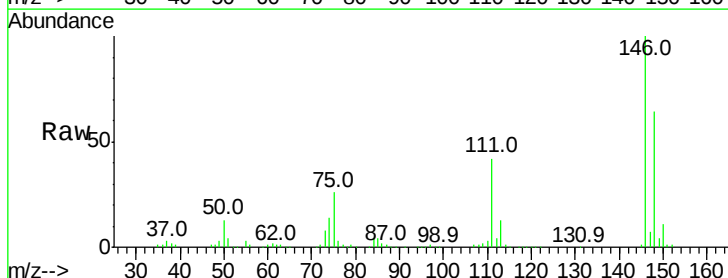
Tgt Ion:146 Resp: 359720

Ion Ratio Lower Upper

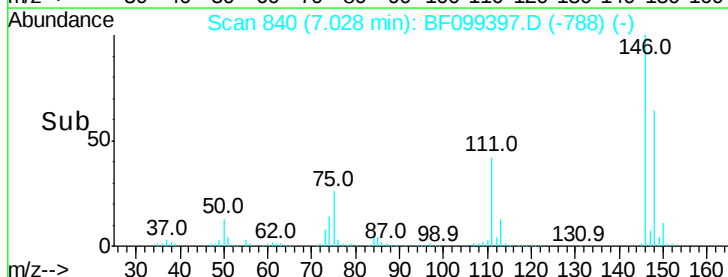
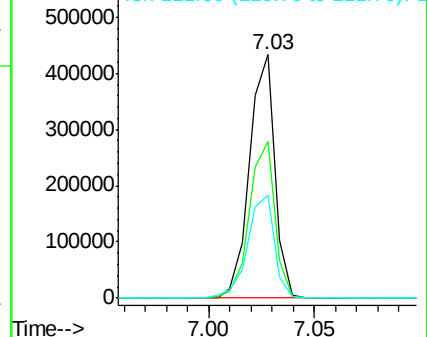
146 100

148 64.4 50.6 75.8

111 42.0 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 37.060 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF099397.D

Acq: 12 Oct 2017 16:14

Instrument :
BNA_F
ClientSampled :

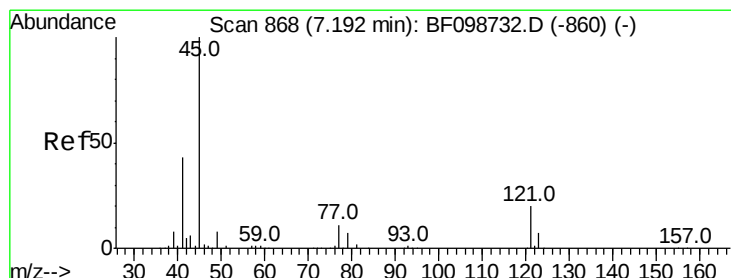
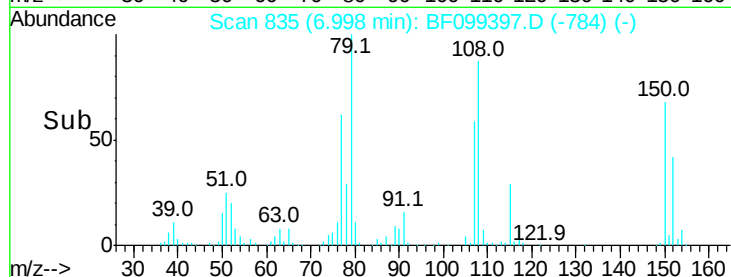
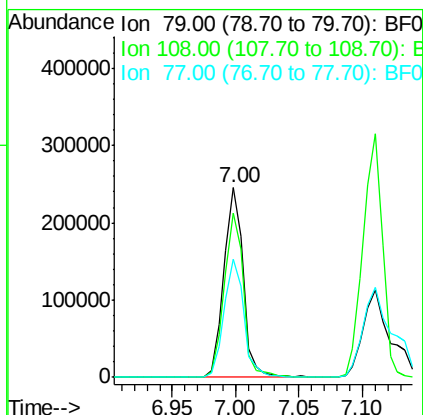
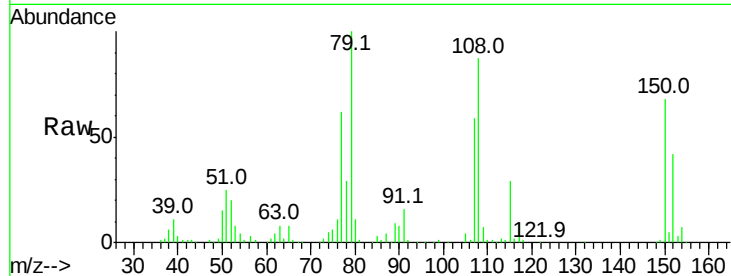
Tot Ion: 79 Resp: 261278

Ion Ratio Lower Upper

79 100

108 86.6 65.1 97.7

77 62.2 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.234 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF099397.D

Acq: 12 Oct 2017 16:14

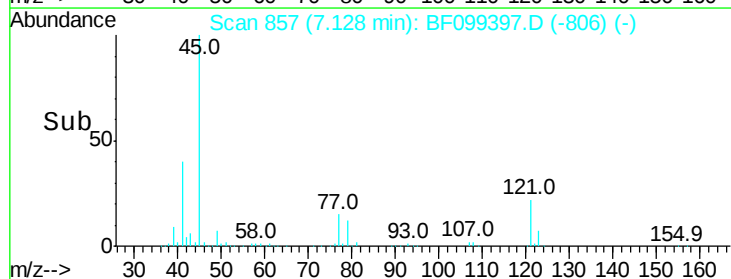
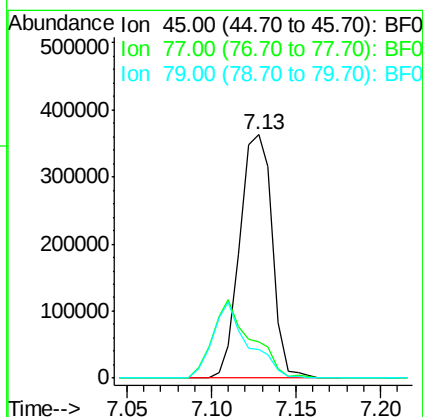
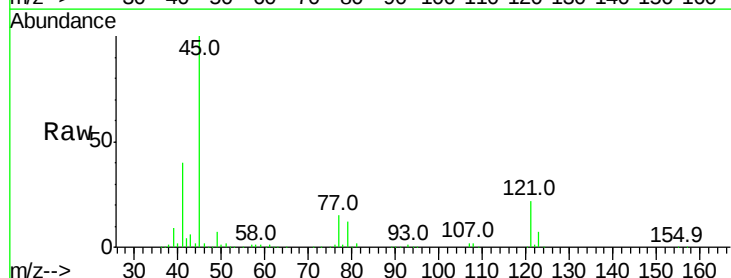
Tgt Ion: 45 Resp: 484712

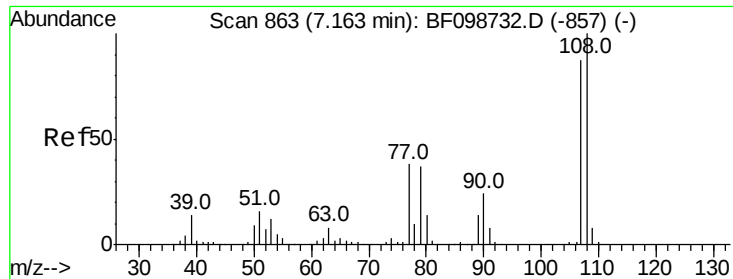
Ion Ratio Lower Upper

45 100

77 14.9 0.0 32.9

79 11.6 0.0 29.6

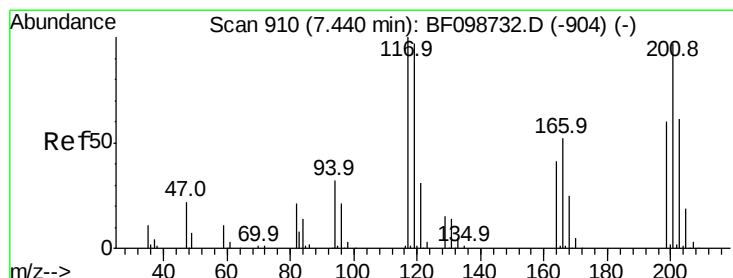
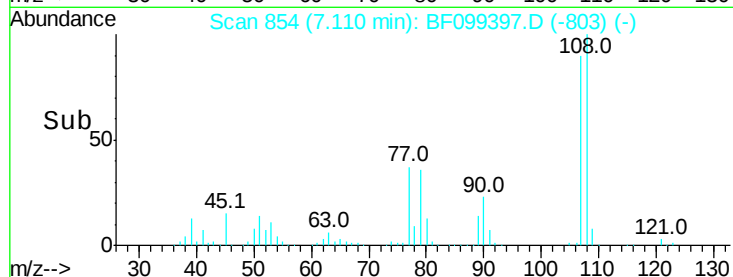
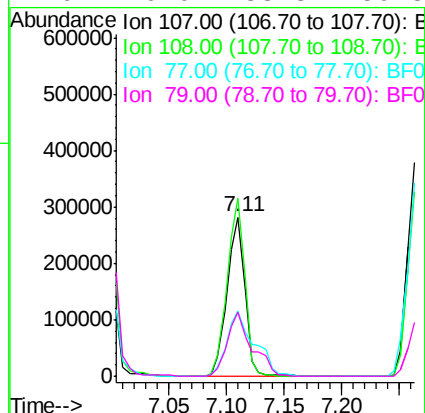
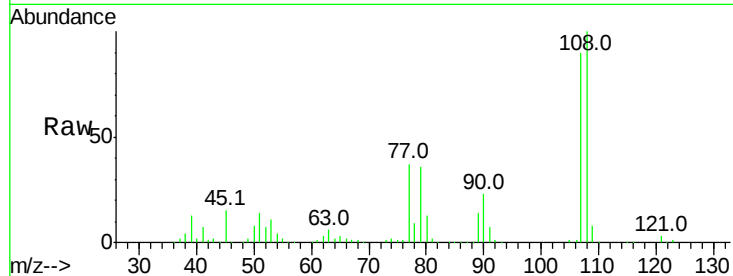




#17
2-Methylphenol
Concen: 41.451 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF099397.D
Acq: 12 Oct 2017 16:14

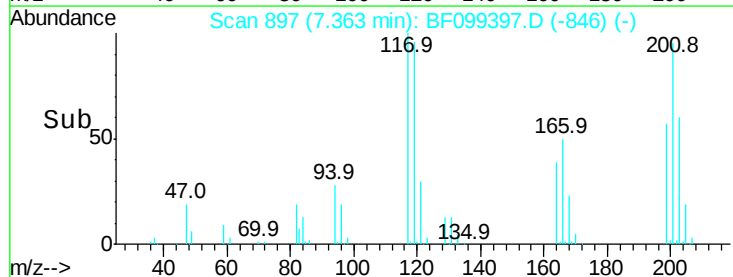
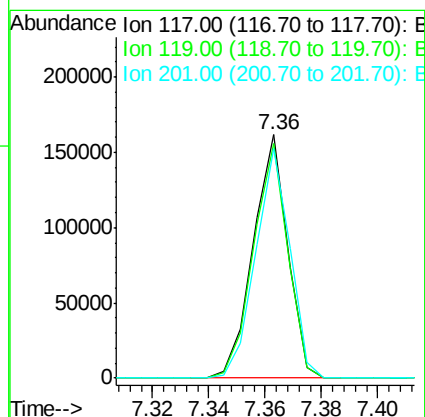
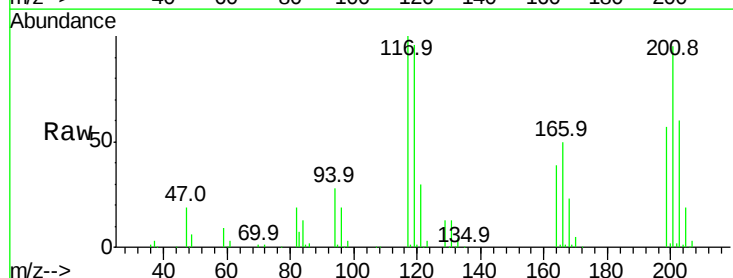
Instrument :
BNA_F
ClientSampled :

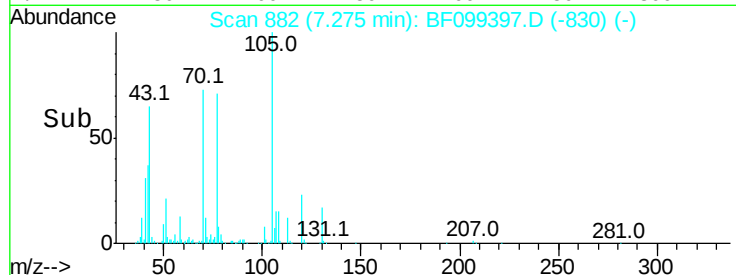
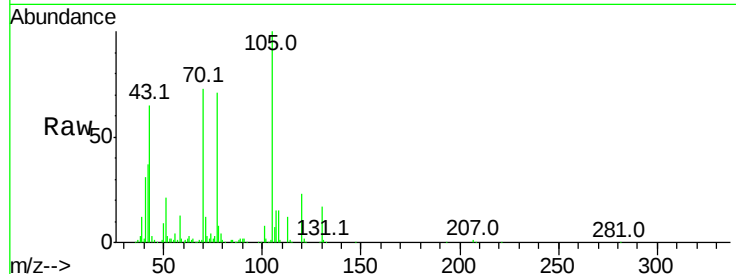
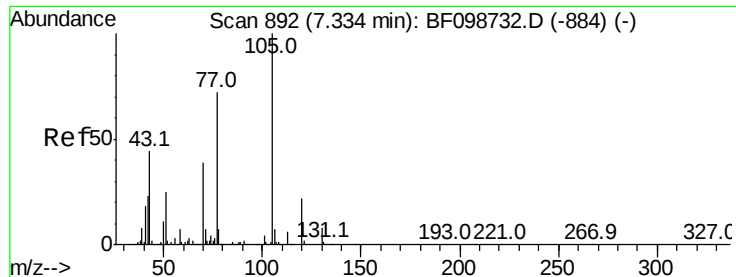
Tot Ion:107 Resp: 299212
Ion Ratio Lower Upper
107 100
108 111.7 91.7 137.5
77 41.2 33.8 50.8
79 40.0 33.8 50.8



#18
Hexachloroethane
Concen: 40.303 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF099397.D
Acq: 12 Oct 2017 16:14

Tgt Ion:117 Resp: 136178
Ion Ratio Lower Upper
117 100
119 96.4 75.8 113.8
201 94.5 75.7 113.5

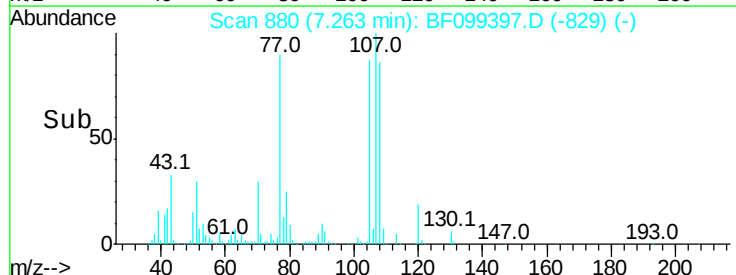
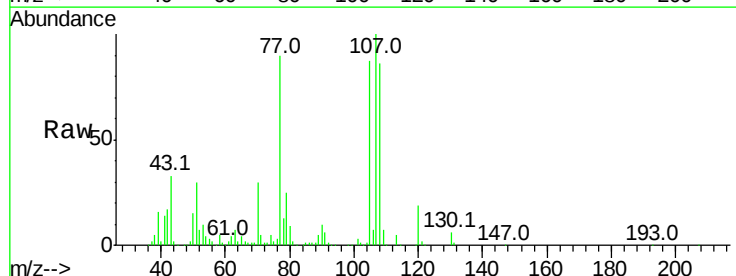
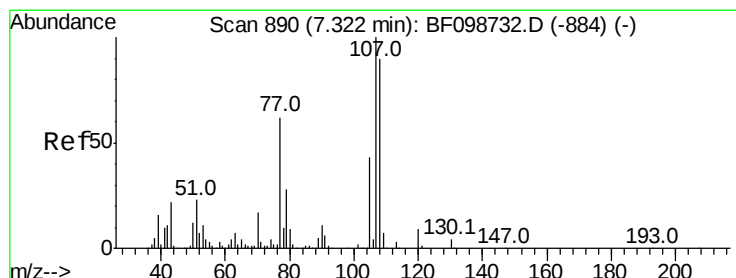
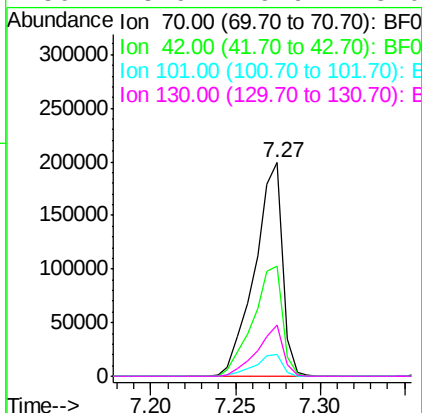




#19
n-Nitroso-di-n-propylamine
Concen: 37.105 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF099397.D
Acq: 12 Oct 2017 16:14

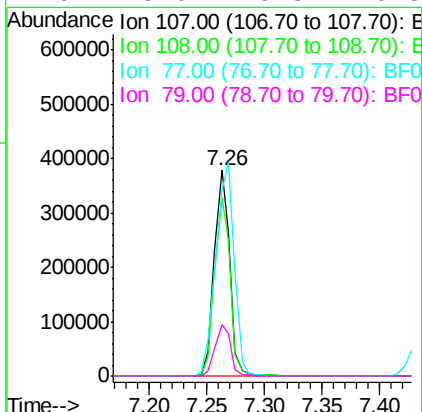
Instrument :
BNA_F
ClientSampleId :

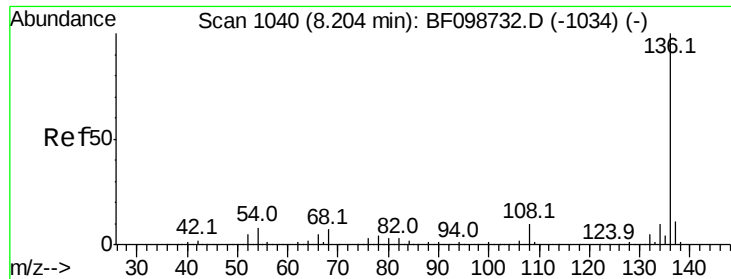
Tot Ion:	70	Resp:	227666
Ion	Ratio	Lower	Upper
70	100		
42	51.3	47.5	71.3
101	10.4	7.4	11.2
130	23.9	16.6	25.0



#20
3+4-Methylphenols
Concen: 38.288 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF099397.D
Acq: 12 Oct 2017 16:14

Tgt Ion:	107	Resp:	349640
Ion	Ratio	Lower	Upper
107	100		
108	86.4	68.2	108.2
77	90.4	26.7	66.7#
79	25.0	6.3	46.3

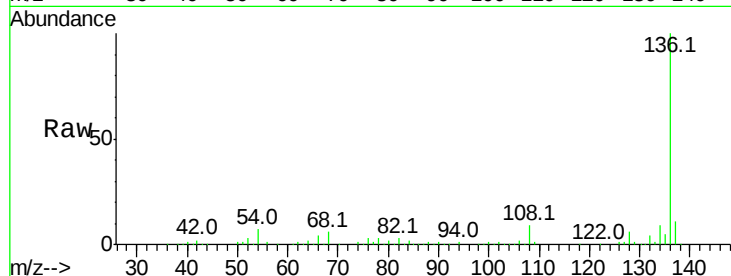




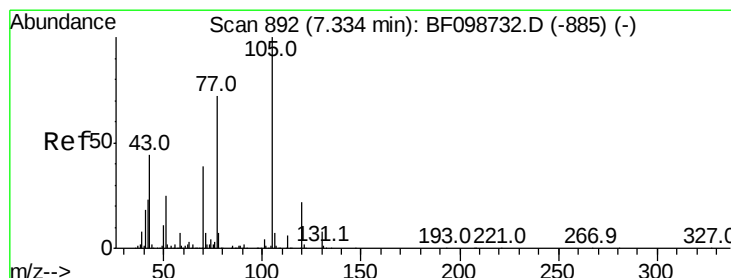
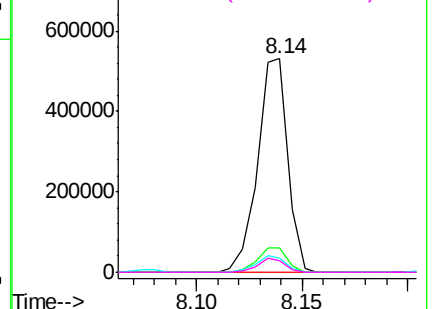
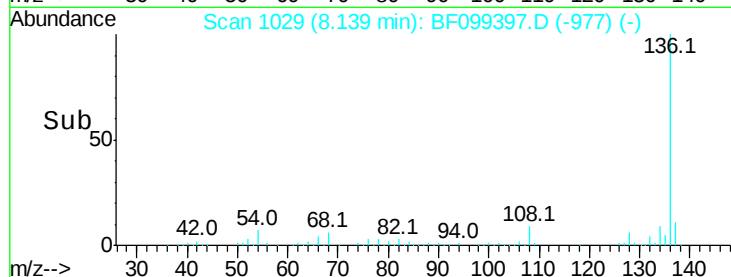
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF099397.D
Acq: 12 Oct 2017 16:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 527169
Ion Ratio	Lower Upper
136 100	
137 11.1	8.9 13.3
54 6.6	6.6 9.8
68 5.5	5.0 7.4

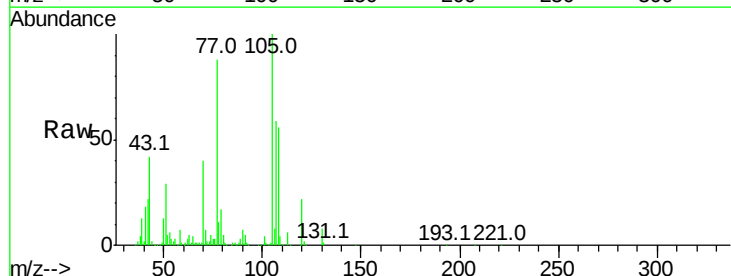


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

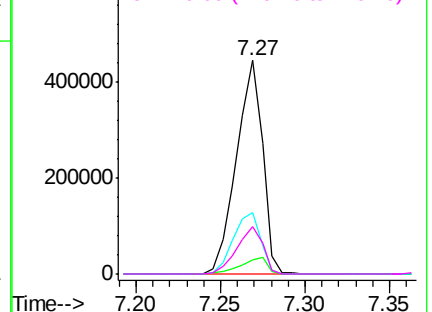
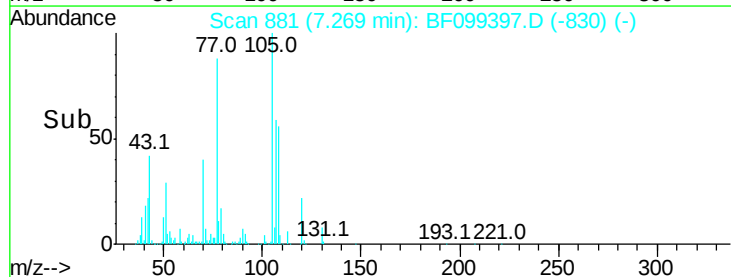


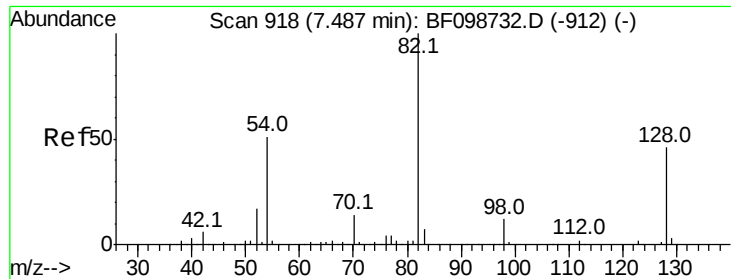
#22
Acetophenone
Concen: 37.425 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF099397.D
Acq: 12 Oct 2017 16:14

Tgt	Ion:105	Resp:	478005
Ion	Ratio	Lower	Upper
105	100		
71	6.9	4.4	6.6#
51	28.6	22.3	33.5
120	22.1	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

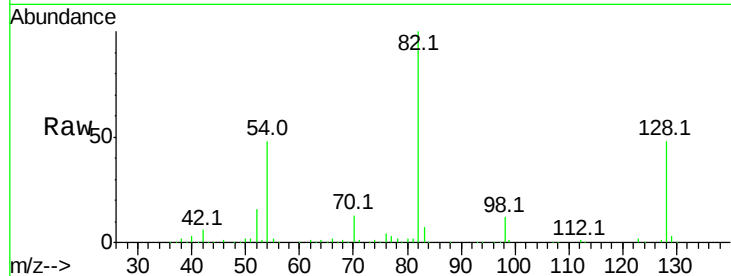




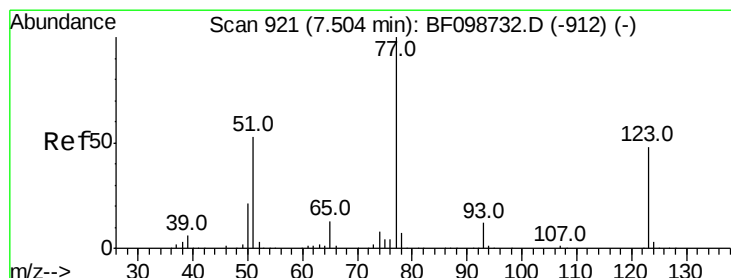
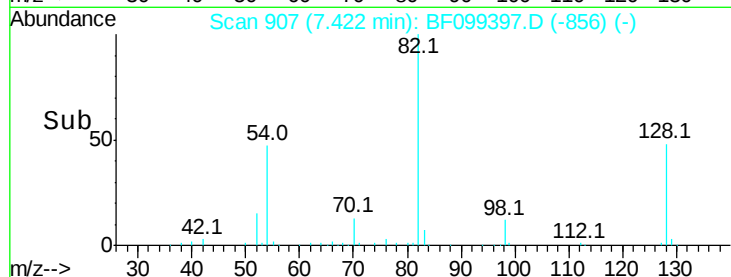
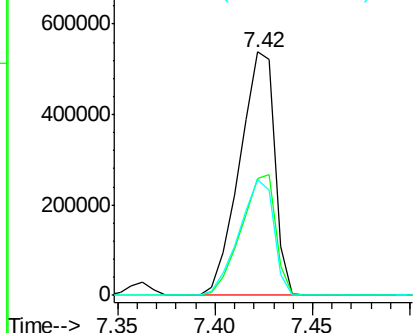
#23
 Nitrobenzene-d5
 Concen: 81.401 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BF099397.D
 Acq: 12 Oct 2017 16:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 669141
 Ion Ratio Lower Upper
 82 100
 128 48.1 36.1 54.1
 54 47.7 41.4 62.2

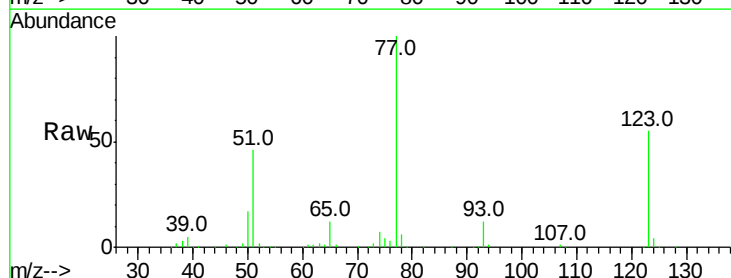


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

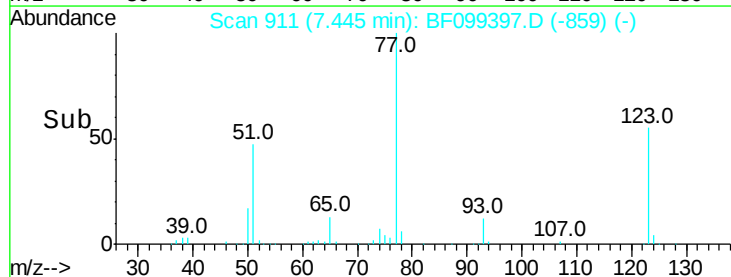
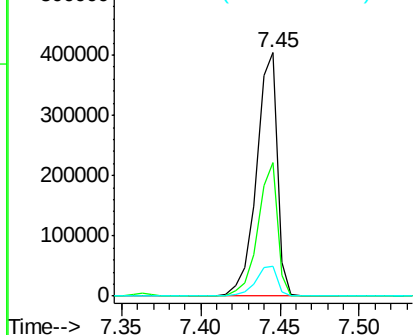


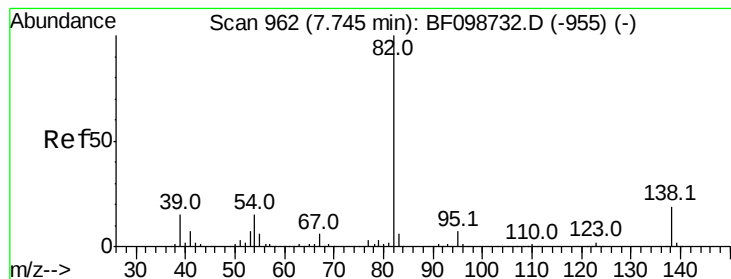
#24
 Nitrobenzene
 Concen: 39.789 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.01 min
 Lab File: BF099397.D
 Acq: 12 Oct 2017 16:14

Tgt Ion: 77 Resp: 371032
 Ion Ratio Lower Upper
 77 100
 123 54.7 37.9 56.9
 65 12.3 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: 39.523 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF099397.D

Acq: 12 Oct 2017 16:14

Instrument :

BNA_F

ClientSampleId :

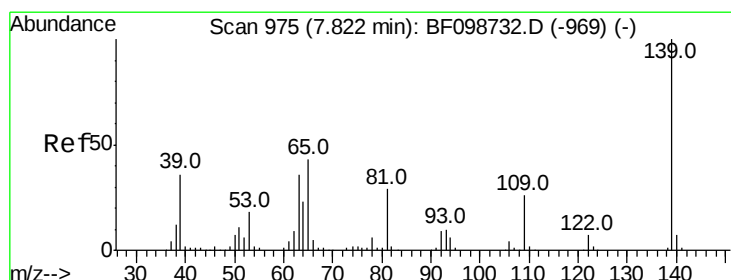
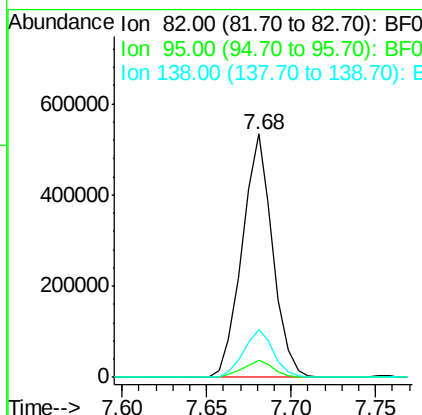
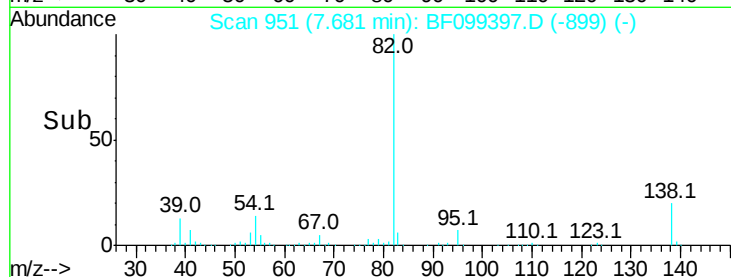
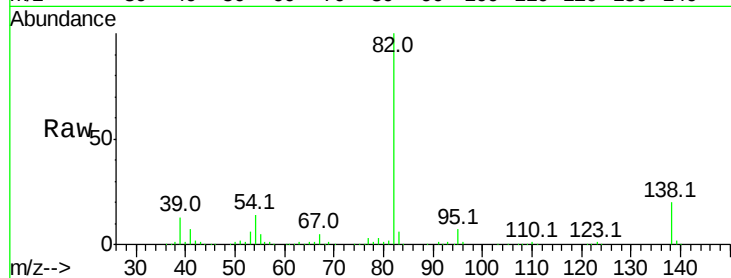
Tot Ion: 82 Resp: 671710

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 19.8 14.9 22.3



#26

2-Nitrophenol

Concen: 47.079 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF099397.D

Acq: 12 Oct 2017 16:14

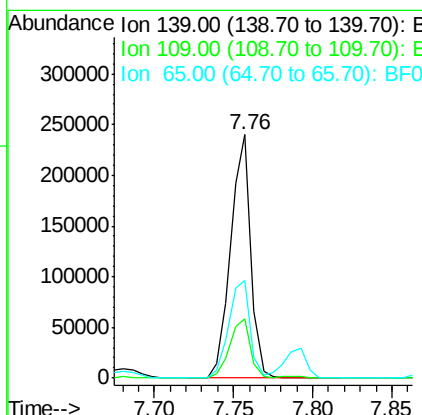
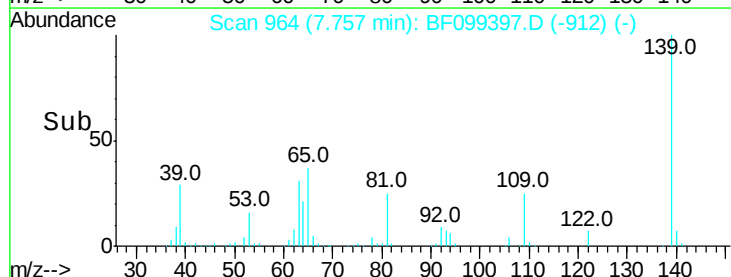
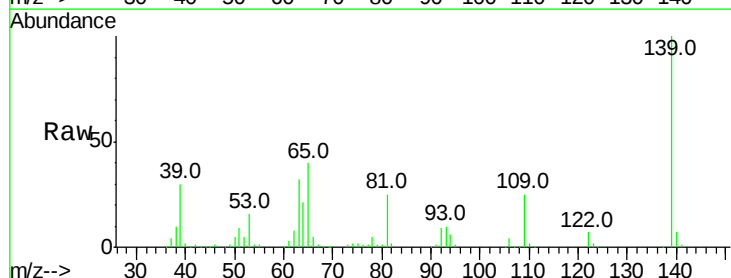
Tgt Ion:139 Resp: 211109

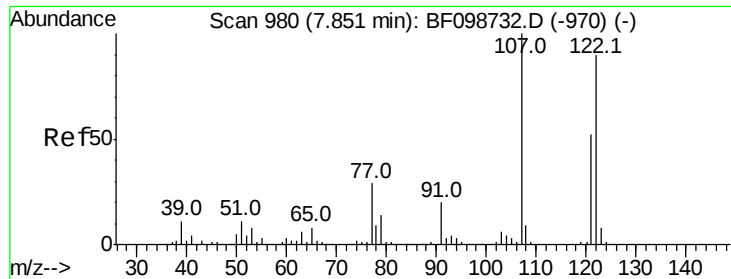
Ion Ratio Lower Upper

139 100

109 24.6 22.7 34.1

65 40.1 40.5 60.7#

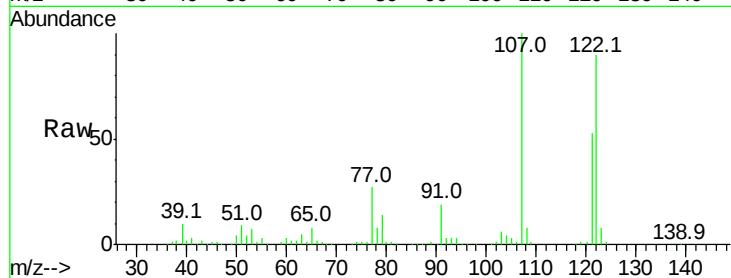




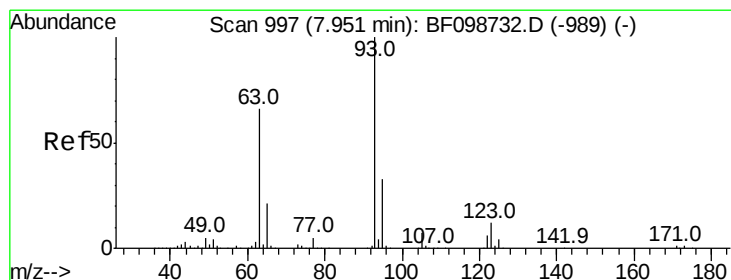
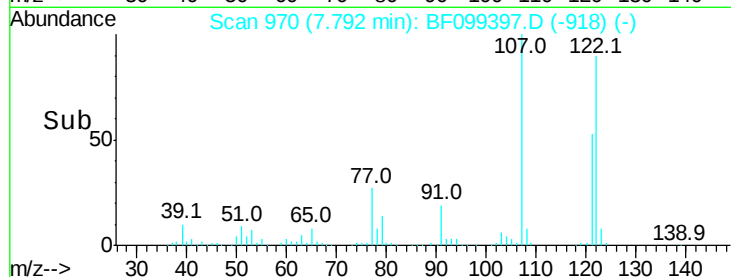
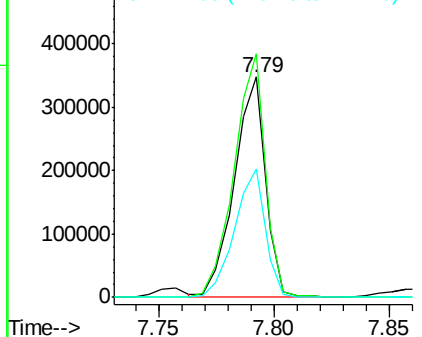
#27
 2,4-Dimethylphenol
 Concen: 38.455 ng
 RT: 7.79 min Scan# 970
 Delta R.T. 0.01 min
 Lab File: BF099397.D
 Acq: 12 Oct 2017 16:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 325648
 Ion Ratio Lower Upper
 122 100
 107 110.6 91.2 136.8
 121 58.6 47.2 70.8

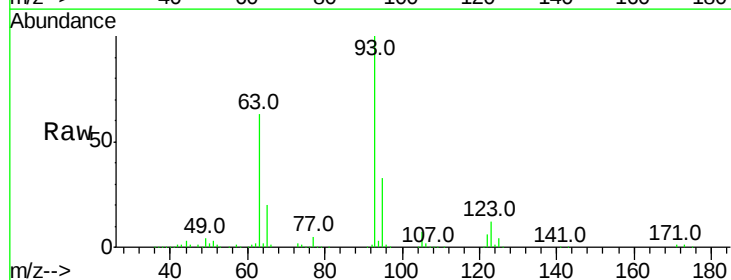


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

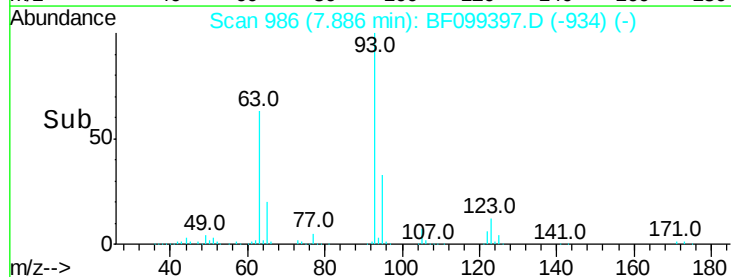
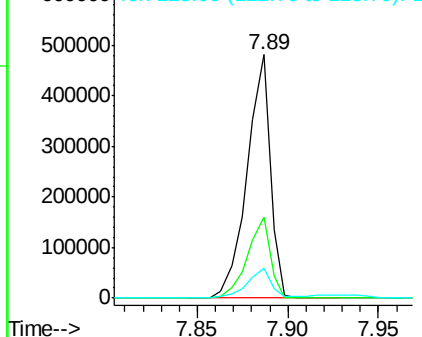


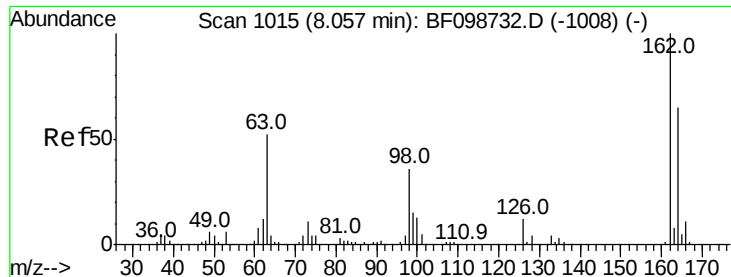
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.570 ng
 RT: 7.89 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: BF099397.D
 Acq: 12 Oct 2017 16:14

Tgt Ion: 93 Resp: 429691
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.3 39.5
 123 12.1 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

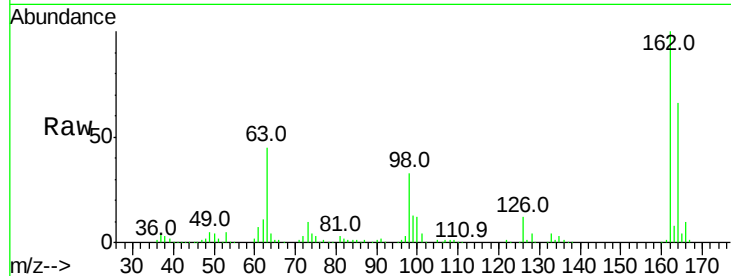




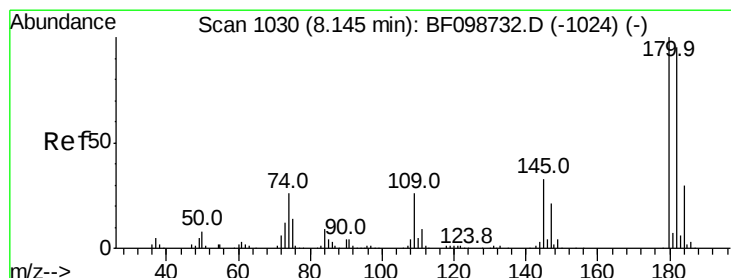
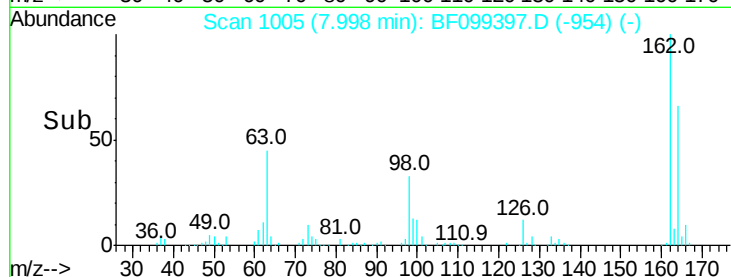
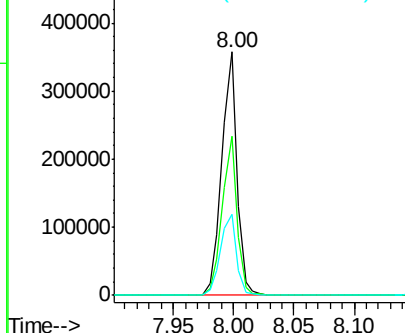
#29
 2,4-Dichlorophenol
 Concen: 42.883 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. -0.00 min
 Lab File: BF099397.D
 Acq: 12 Oct 2017 16:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	42.7	82.7
98	33.4	18.1	58.1

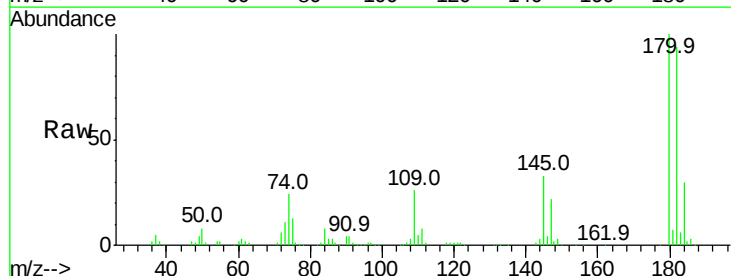


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

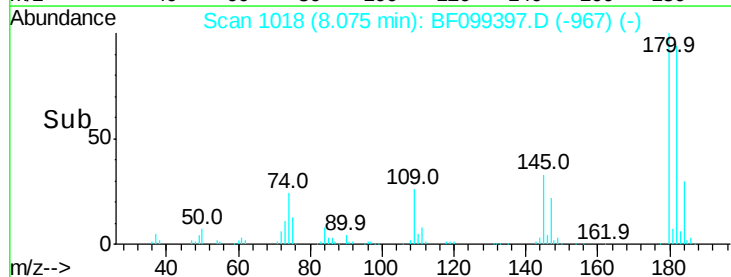
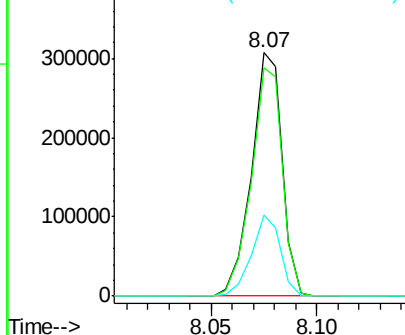


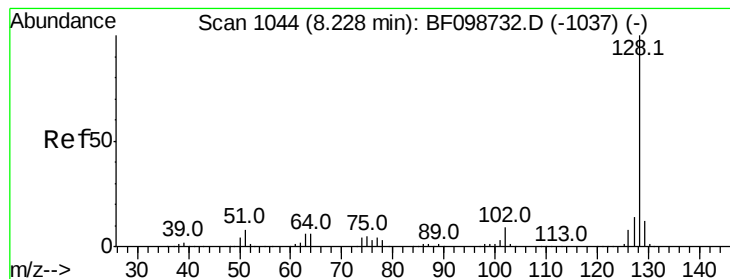
#30
 1,2,4-Trichlorobenzene
 Concen: 42.516 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BF099397.D
 Acq: 12 Oct 2017 16:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.8	115.2
145	33.2	26.5	39.7



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





#31

Naphthalene

Concen: 41.144 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF099397.D

Acq: 12 Oct 2017 16:14

Instrument :

BNA_F

ClientSampled :

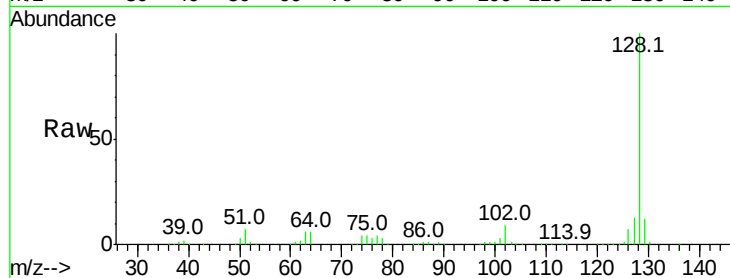
Tot Ion:128 Resp: 1018678

Ion Ratio Lower Upper

128 100

129 11.7 8.8 13.2

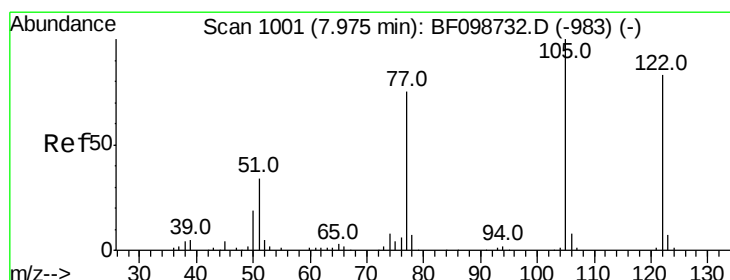
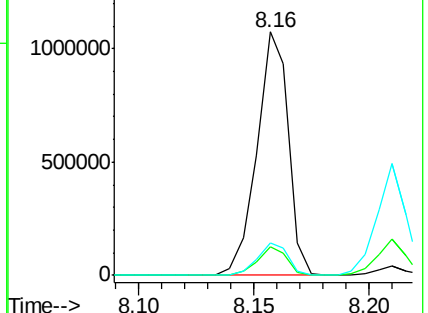
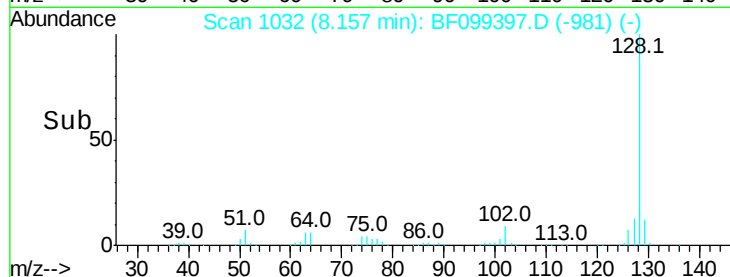
127 13.5 10.9 16.3



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: 34.993 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: BF099397.D

Acq: 12 Oct 2017 16:14

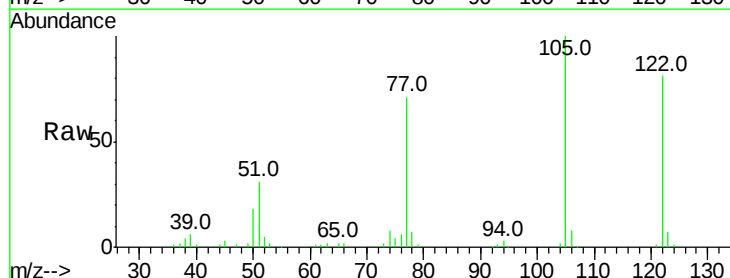
Tgt Ion:122 Resp: 243415

Ion Ratio Lower Upper

122 100

105 122.8 101.1 141.1

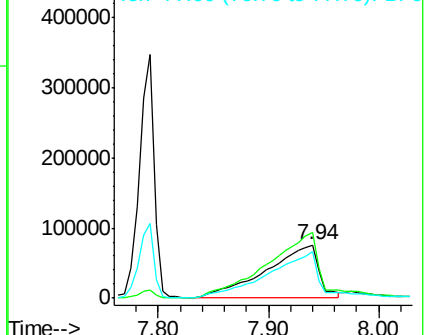
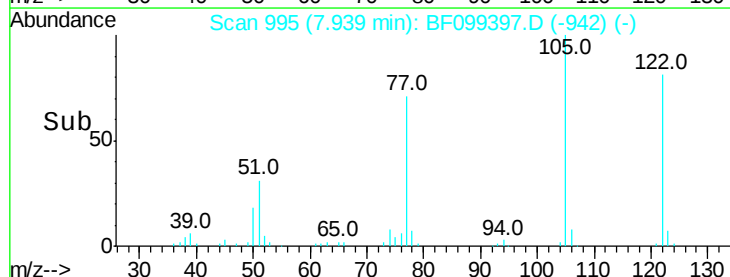
77 87.4 70.7 110.7

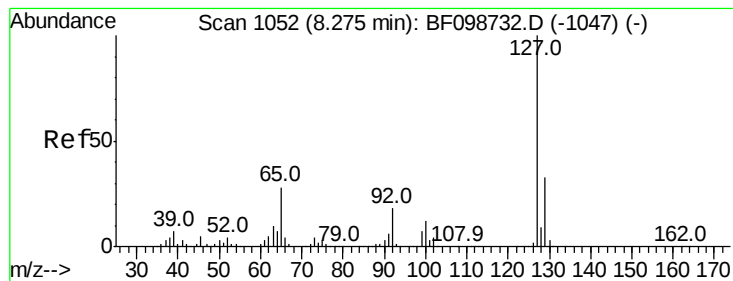


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 41.606 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF099397.D

Acq: 12 Oct 2017 16:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 430185

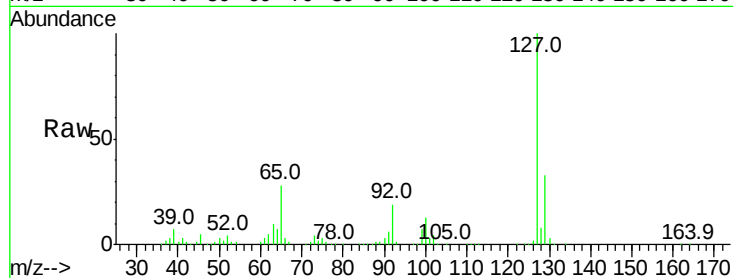
Ion Ratio Lower Upper

127 100

129 32.9 25.9 38.9

65 27.5 25.0 37.4

92 18.5 15.2 22.8

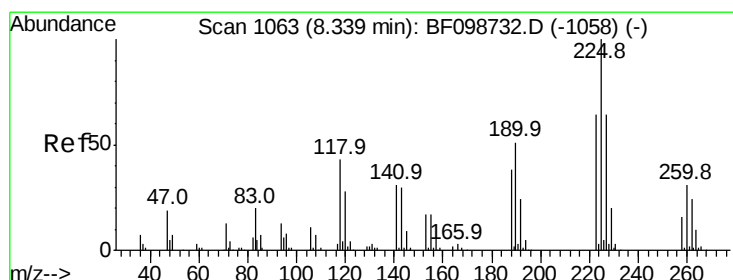
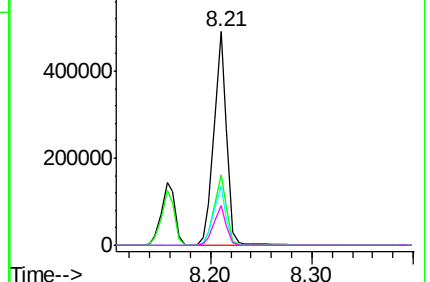
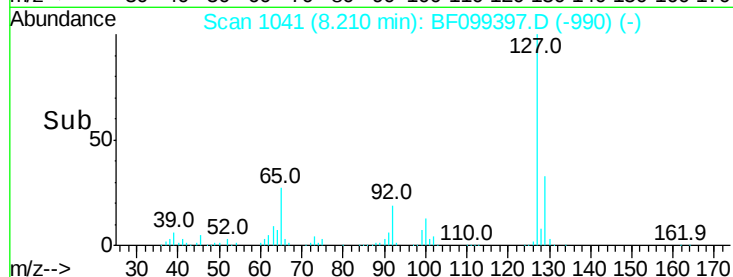


Abundance Ion 127.00 (126.70 to 127.70): E

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: 41.794 ng

RT: 8.27 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BF099397.D

Acq: 12 Oct 2017 16:14

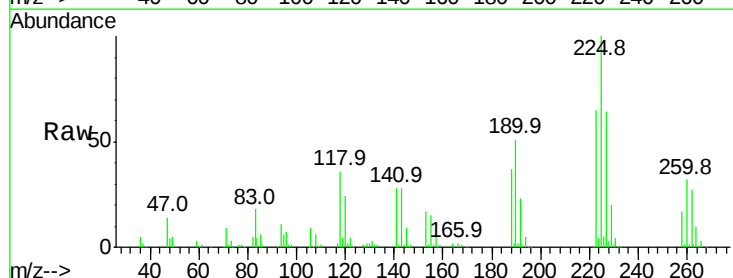
Tgt Ion:225 Resp: 156538

Ion Ratio Lower Upper

225 100

223 64.5 50.6 76.0

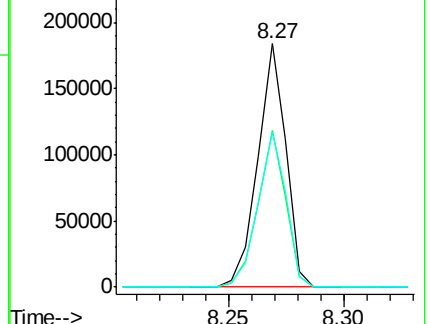
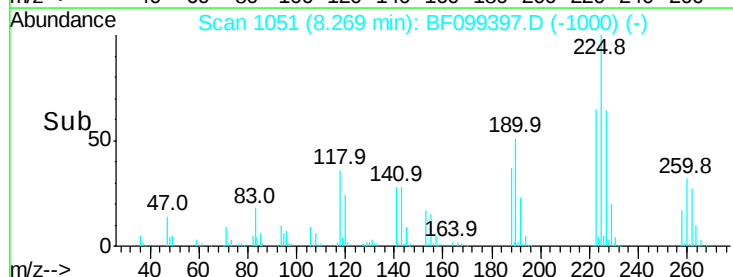
227 63.7 51.9 77.9

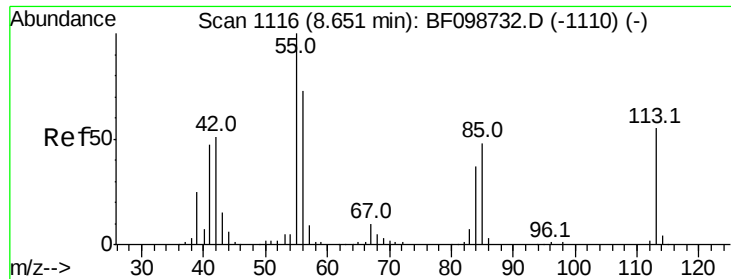


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.782 ng

RT: 8.60 min Scan# 1107

Delta R.T. 0.01 min

Lab File: BF099397.D

Acq: 12 Oct 2017 16:14

Instrument :

BNA_F

ClientSampled :

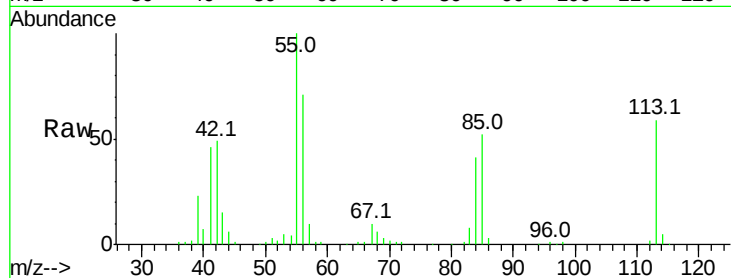
Tot Ion:113 Resp: 97445

Ion Ratio Lower Upper

113 100

55 169.7 163.3 203.3

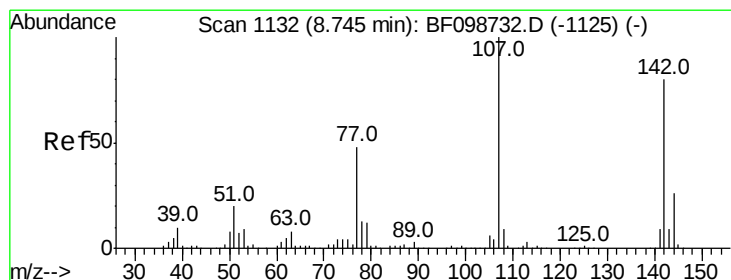
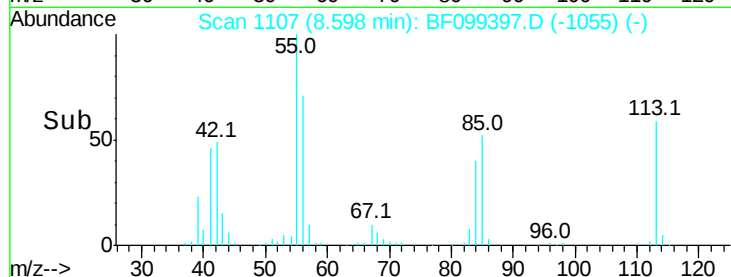
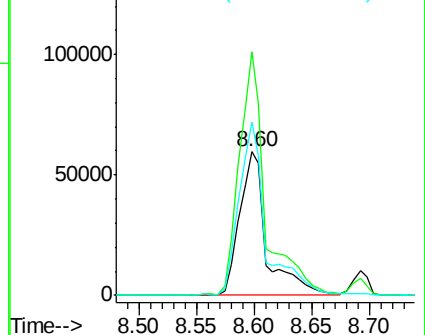
56 120.5 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.192 ng

RT: 8.69 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BF099397.D

Acq: 12 Oct 2017 16:14

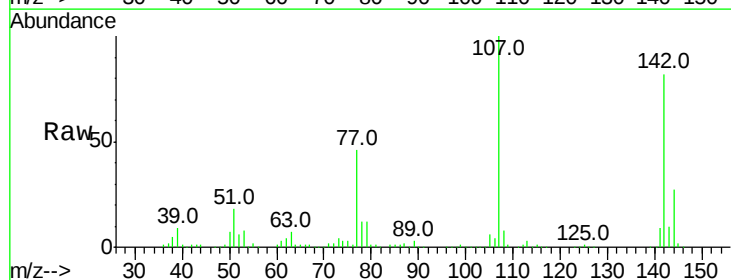
Tgt Ion:107 Resp: 328455

Ion Ratio Lower Upper

107 100

144 26.7 20.5 30.7

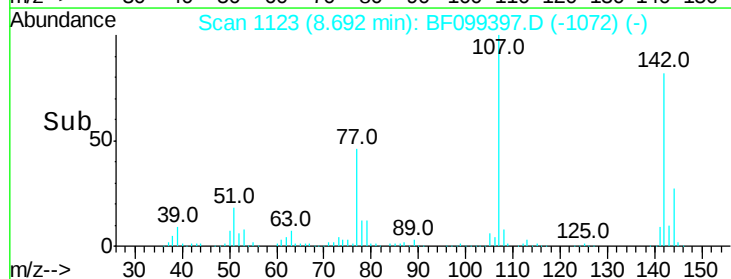
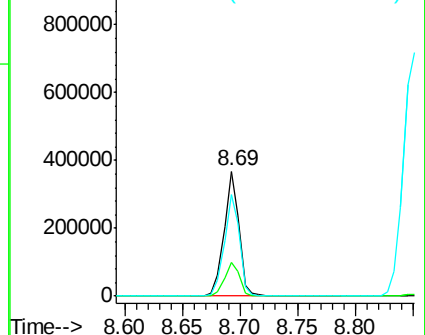
142 81.6 62.0 93.0

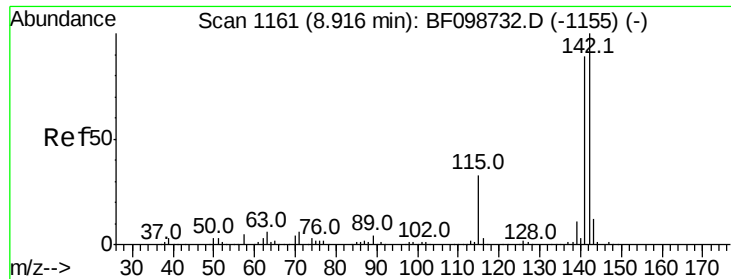


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

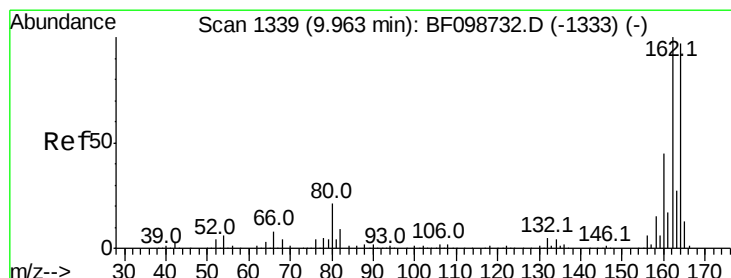
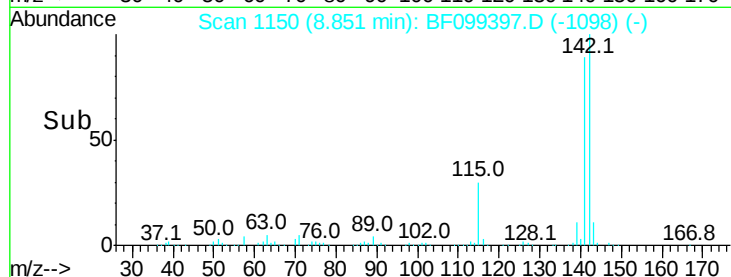
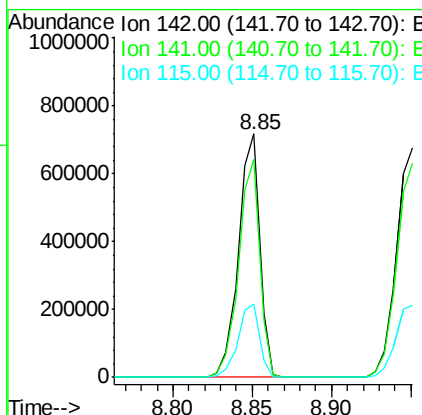
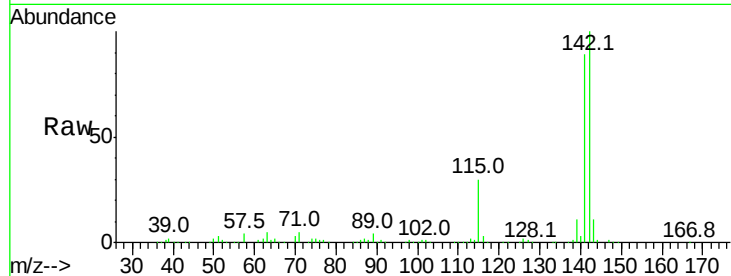




#37
2-Methylnaphthalene
Concen: 41.482 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF099397.D
Acq: 12 Oct 2017 16:14

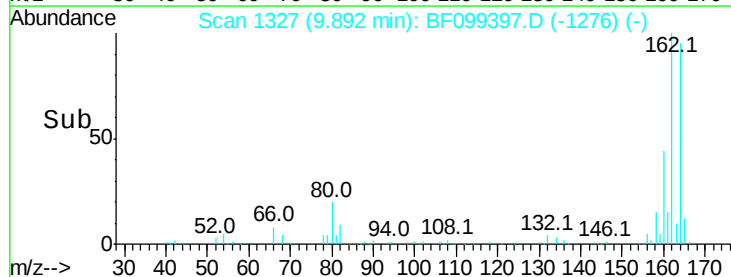
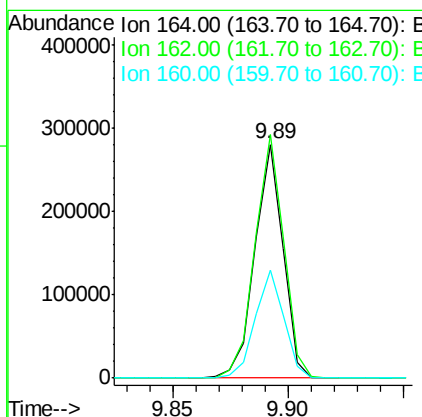
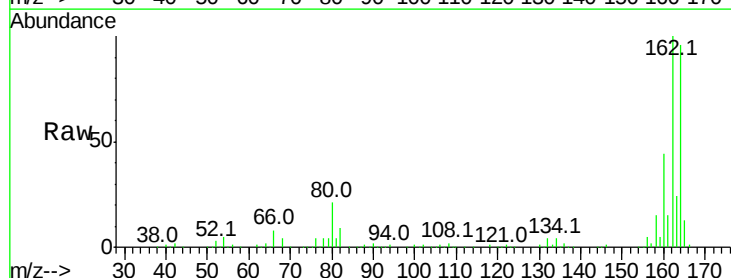
Instrument :
BNA_F
ClientSampleId :

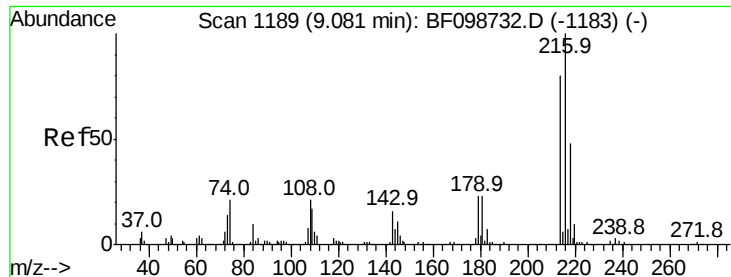
Tot Ion:142 Resp: 667676
Ion Ratio Lower Upper
142 100
141 89.4 70.8 106.2
115 30.1 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF099397.D
Acq: 12 Oct 2017 16:14

Tgt Ion:164 Resp: 240236
Ion Ratio Lower Upper
164 100
162 104.2 86.1 129.1
160 46.0 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.786 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BF099397.D

Acq: 12 Oct 2017 16:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 306544

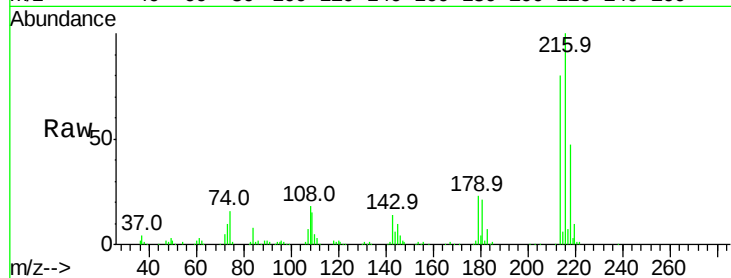
Ion Ratio Lower Upper

216 100

214 79.7 63.0 94.4

179 22.7 18.1 27.1

108 19.6 17.2 25.8

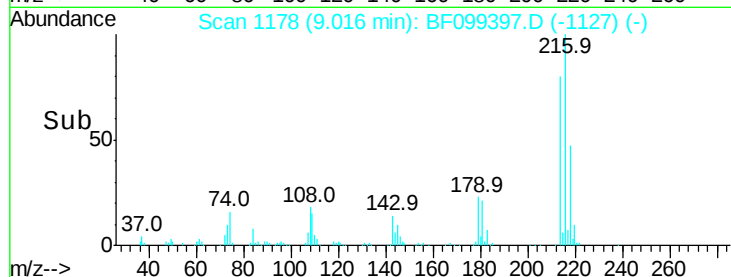
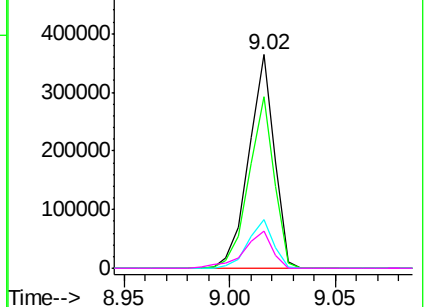


Abundance Ion 216.00 (215.70 to 216.70): E

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: 40.589 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BF099397.D

Acq: 12 Oct 2017 16:14

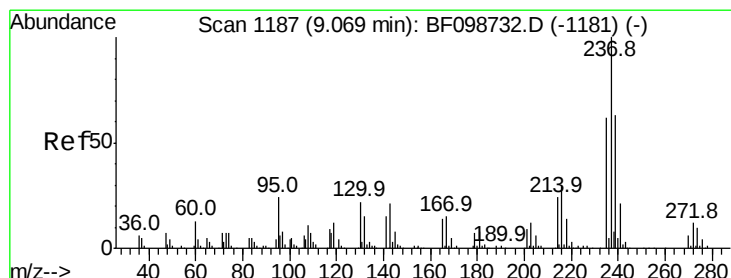
Tgt Ion:237 Resp: 132894

Ion Ratio Lower Upper

237 100

235 63.3 44.8 84.8

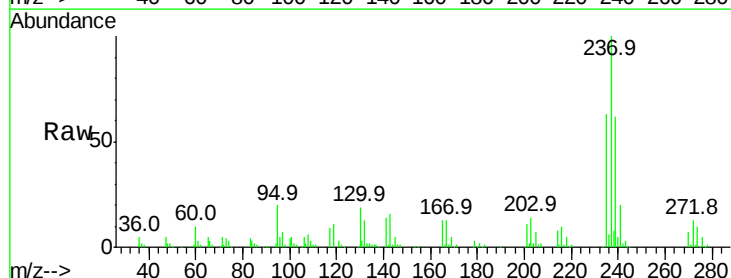
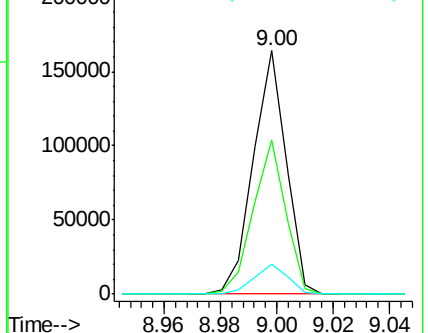
272 12.5 0.0 33.3

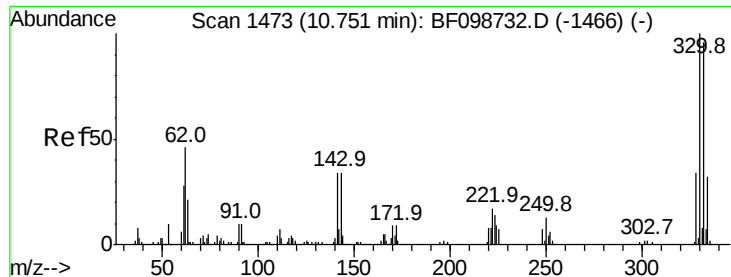


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

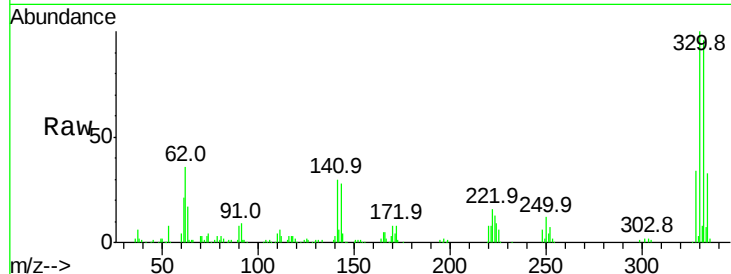




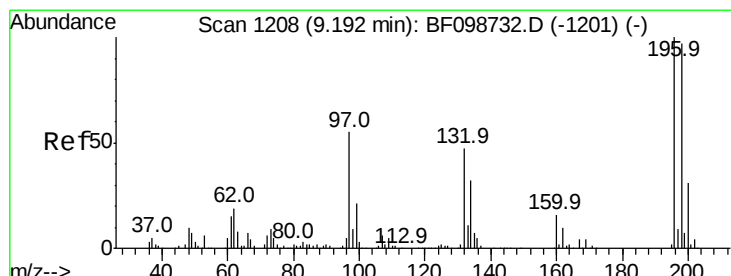
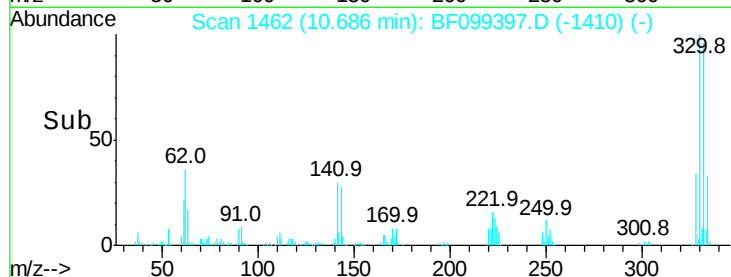
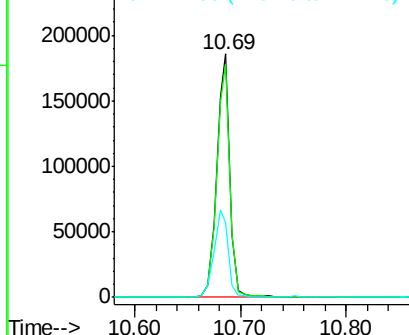
#41
 2,4,6-Tribromophenol
 Concen: 84.034 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: BF099397.D
 Acq: 12 Oct 2017 16:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	38.4	29.9	44.9

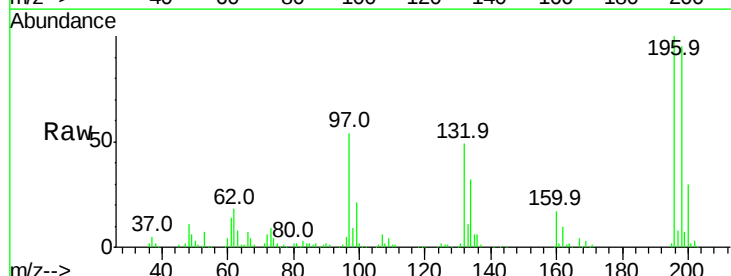


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

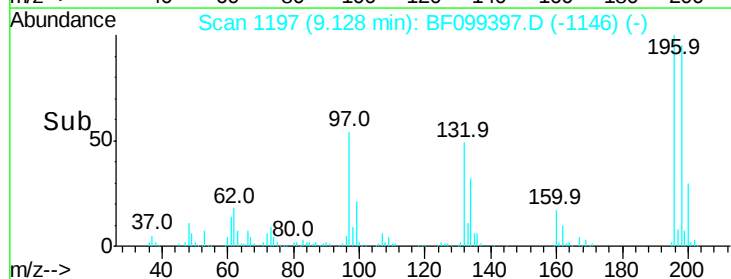
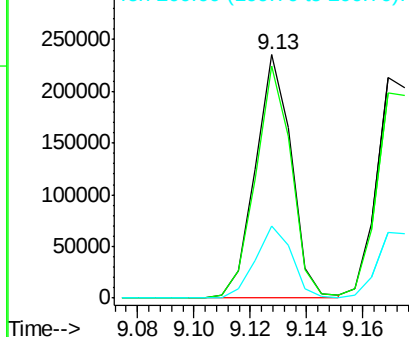


#42
 2,4,6-Trichlorophenol
 Concen: 41.186 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF099397.D
 Acq: 12 Oct 2017 16:14

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.4	75.7	113.5
200	29.7	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

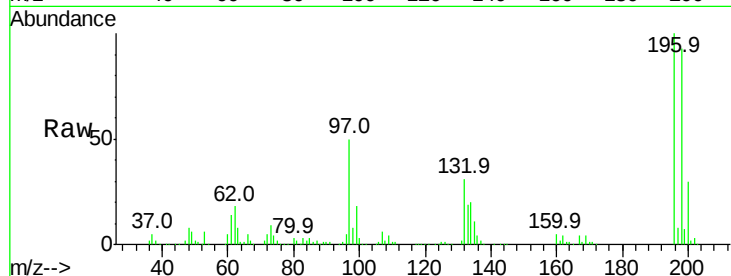




#43
 2,4,5-Trichlorophenol
 Concen: 41.716 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF099397.D
 Acq: 12 Oct 2017 16:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.4	74.6	112.0
97	49.6	42.9	64.3
132	31.4	26.3	39.5



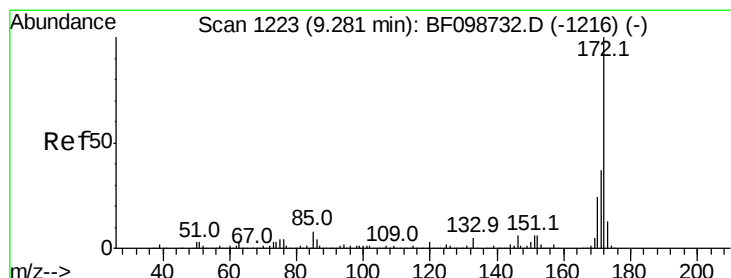
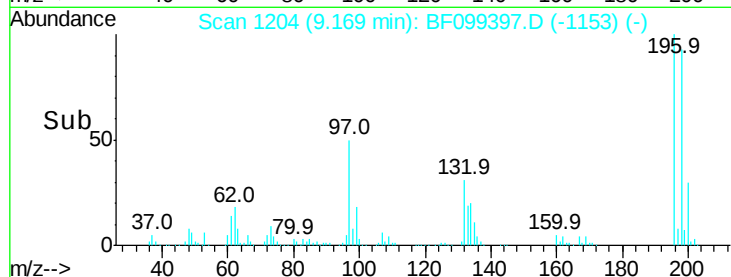
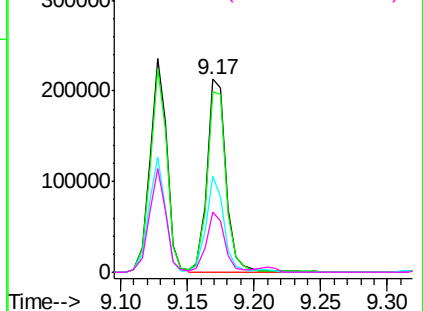
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

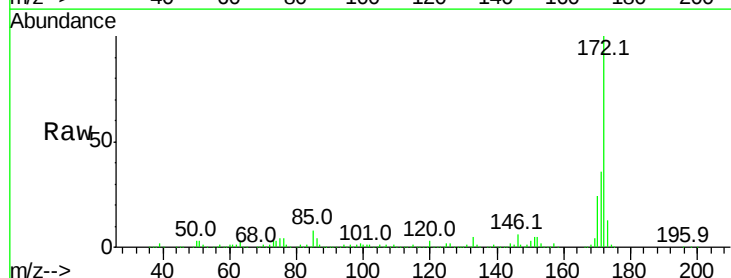
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 84.439 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF099397.D
 Acq: 12 Oct 2017 16:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.0	19.6	29.4

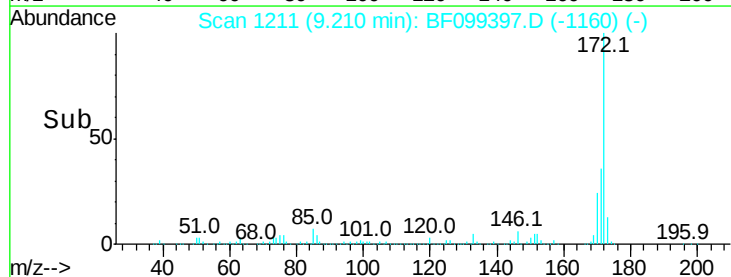
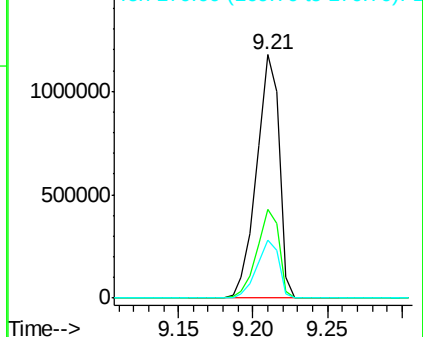


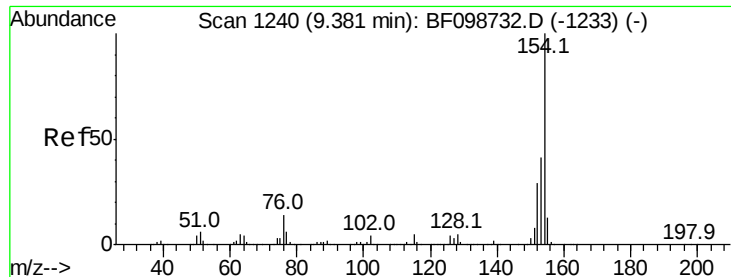
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

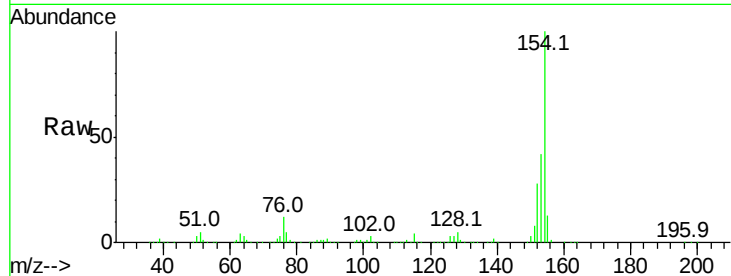




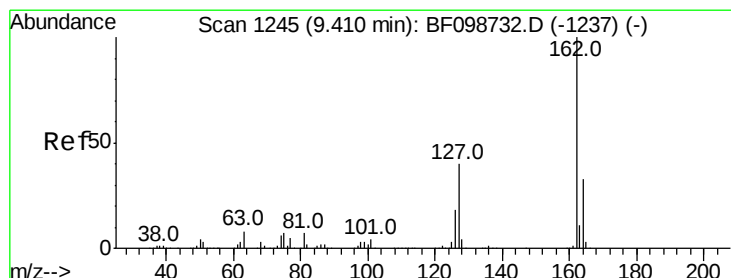
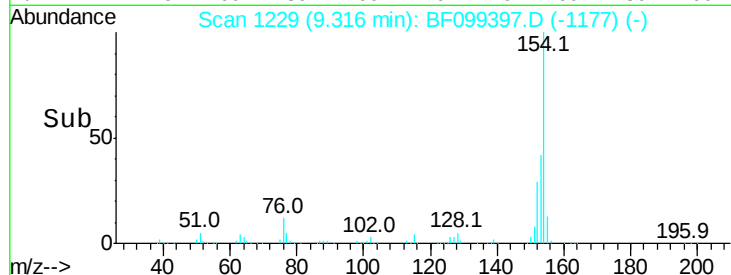
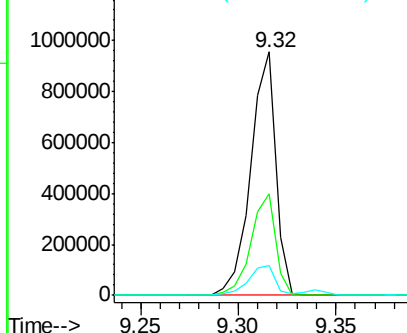
#45
 1,1'-Biphenyl
 Concen: 41.151 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: BF099397.D
 Acq: 12 Oct 2017 16:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 849637
 Ion Ratio Lower Upper
 154 100
 153 41.5 21.3 61.3
 76 12.4 0.0 34.0

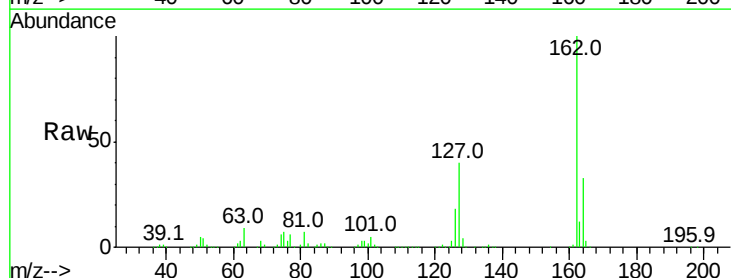


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

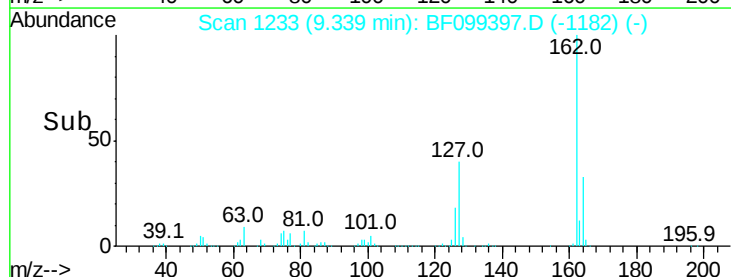
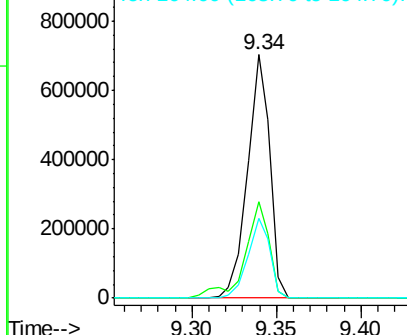


#46
 2-Chloronaphthalene
 Concen: 41.899 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BF099397.D
 Acq: 12 Oct 2017 16:14

Tgt Ion:162 Resp: 649515
 Ion Ratio Lower Upper
 162 100
 127 39.6 33.9 50.9
 164 32.9 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

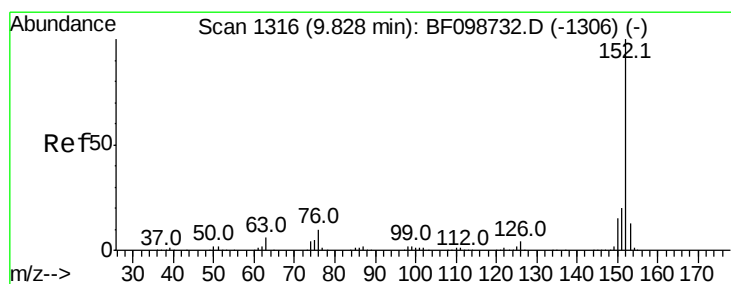
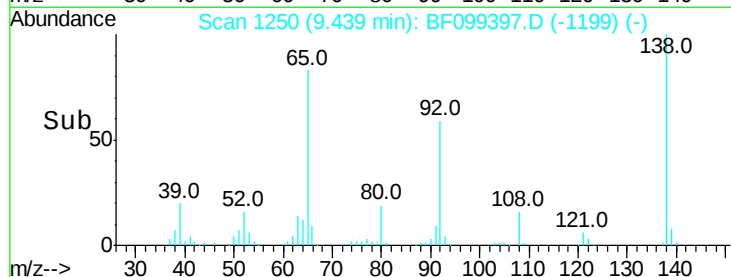
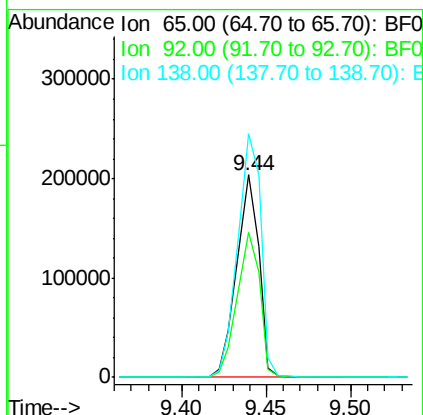
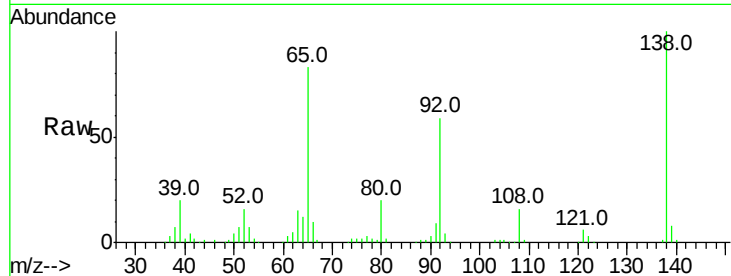




#47
2-Nitroaniline
Concen: 39.388 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BF099397.D
Acq: 12 Oct 2017 16:14

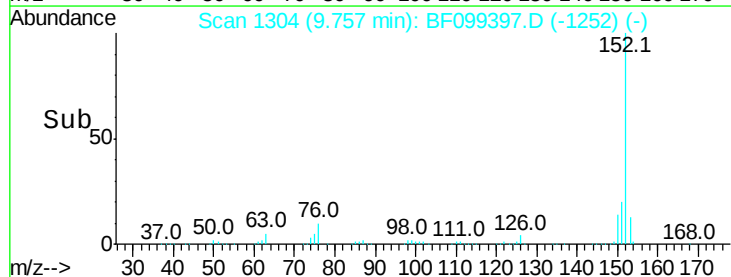
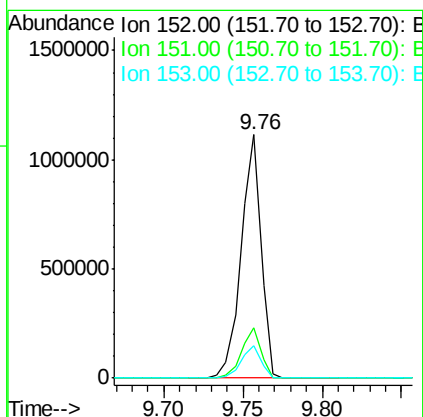
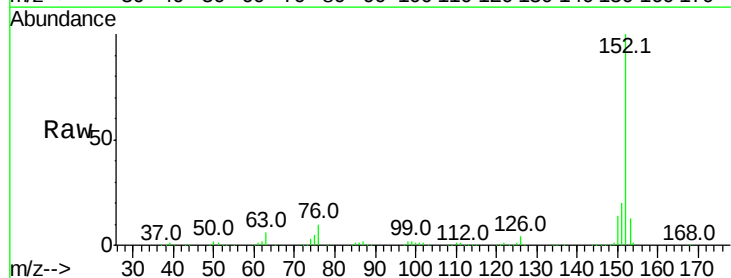
Instrument :
BNA_F
ClientSampleId :

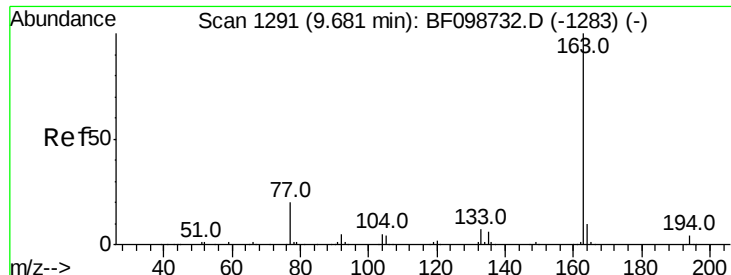
Tot Ion: 65 Resp: 186966
Ion Ratio Lower Upper
65 100
92 71.4 55.8 83.6
138 120.3 91.2 136.8



#48
Acenaphthylene
Concen: 40.675 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF099397.D
Acq: 12 Oct 2017 16:14

Tgt Ion:152 Resp: 965252
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.2 10.7 16.1

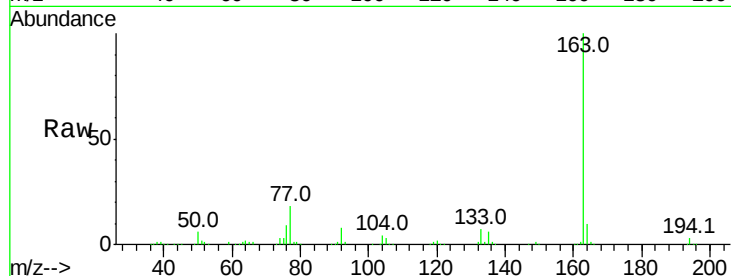




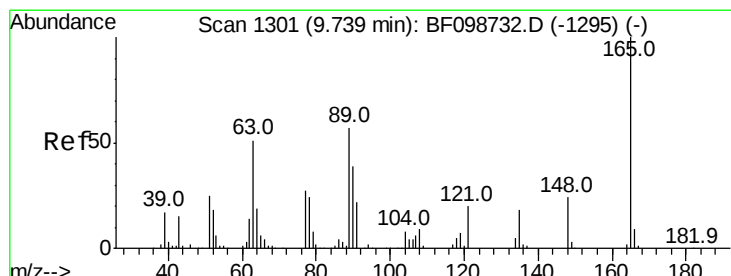
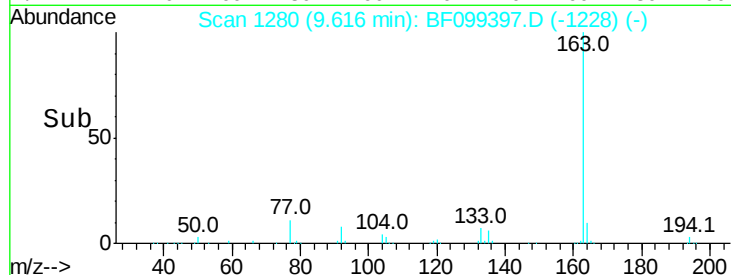
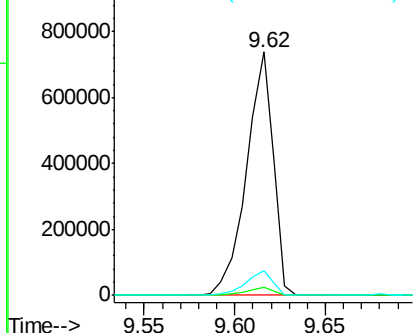
#49
Dimethylphthalate
Concen: 41.710 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF099397.D
Acq: 12 Oct 2017 16:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 756267
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.0 8.2 12.2

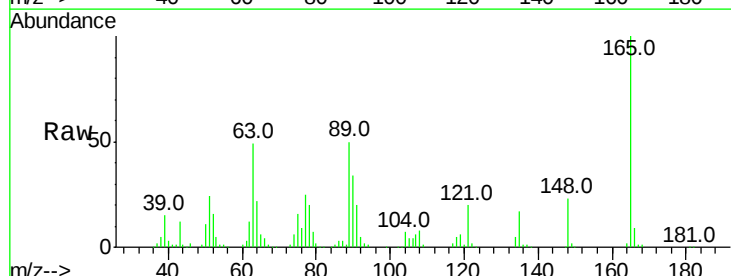


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

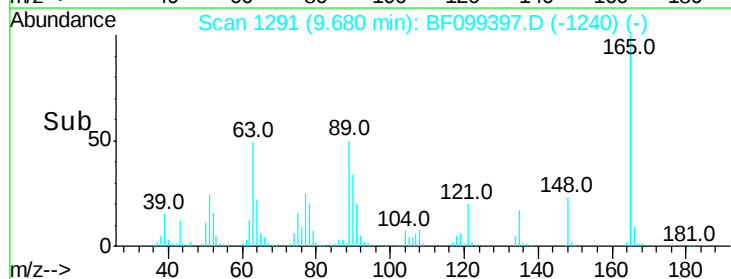
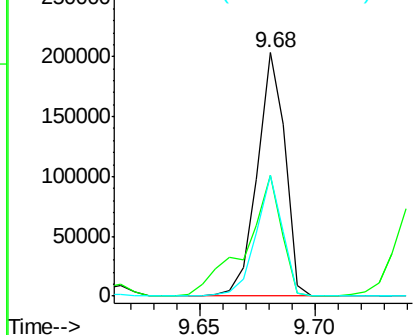


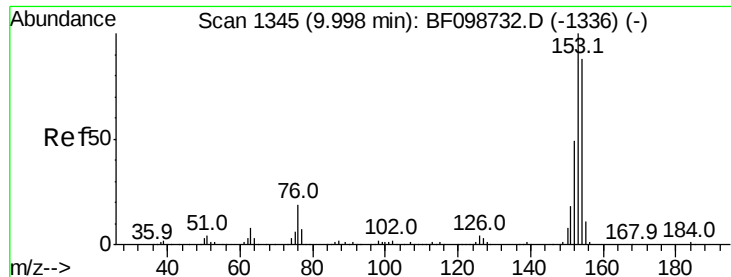
#50
2,6-Dinitrotoluene
Concen: 43.383 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF099397.D
Acq: 12 Oct 2017 16:14

Tgt Ion:165 Resp: 171251
Ion Ratio Lower Upper
165 100
63 49.4 44.7 67.1
89 49.5 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: 37.870 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BF099397.D

Acq: 12 Oct 2017 16:14

Instrument :

BNA_F

ClientSampleId :

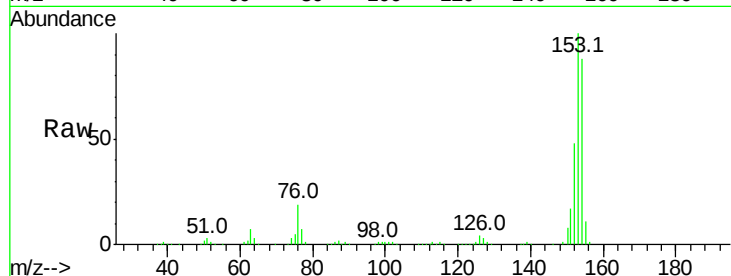
Tot Ion:154 Resp: 569282

Ion Ratio Lower Upper

154 100

153 114.1 91.2 136.8

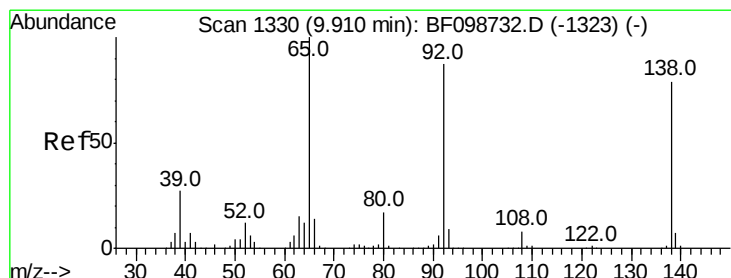
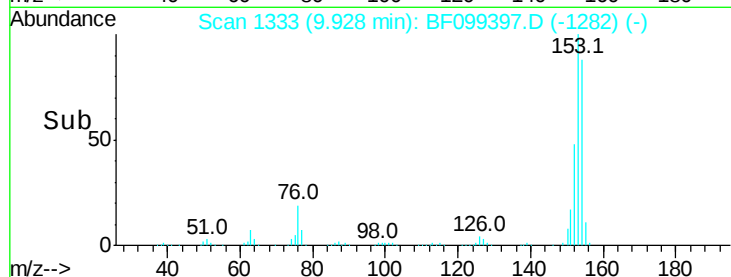
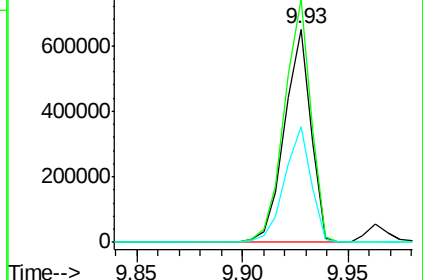
152 54.3 43.8 65.8



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: 42.962 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF099397.D

Acq: 12 Oct 2017 16:14

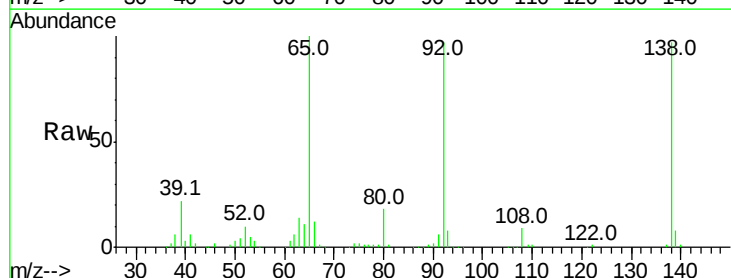
Tgt Ion:138 Resp: 197739

Ion Ratio Lower Upper

138 100

108 9.5 9.4 14.0

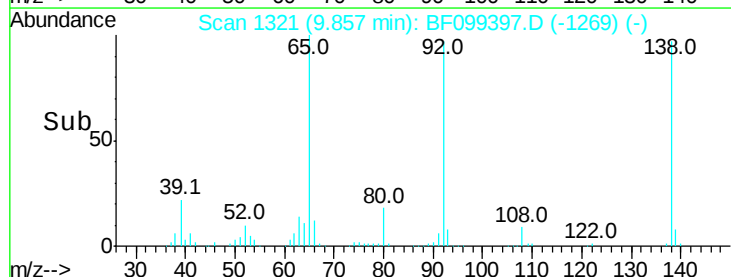
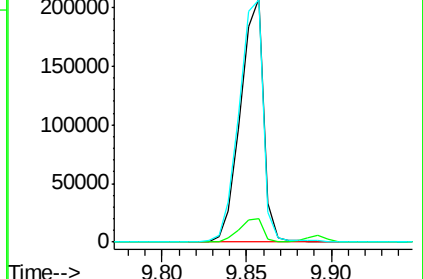
92 99.5 89.4 134.2

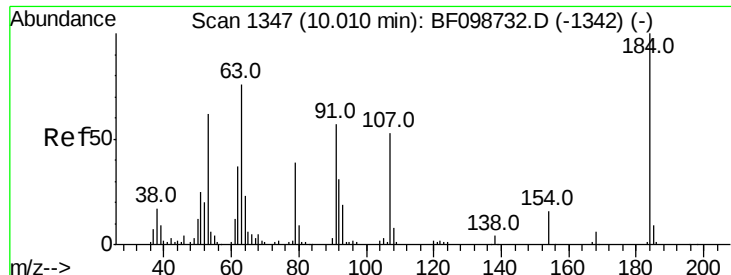


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

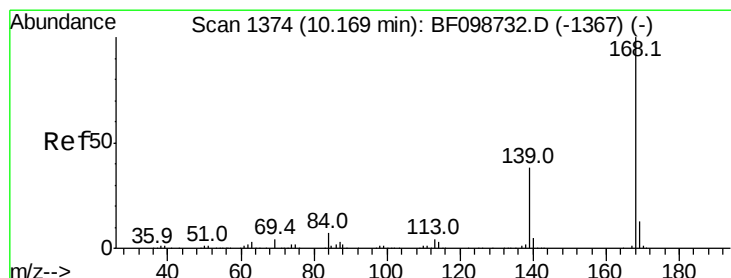
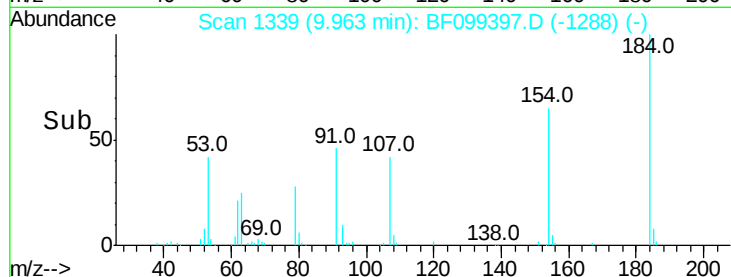
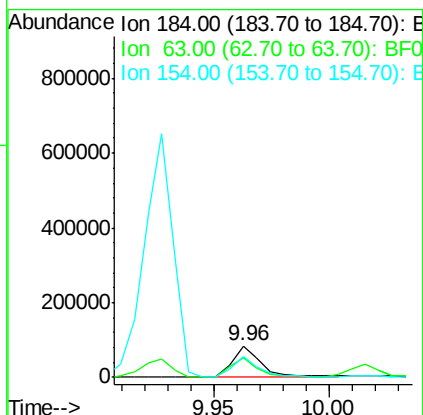
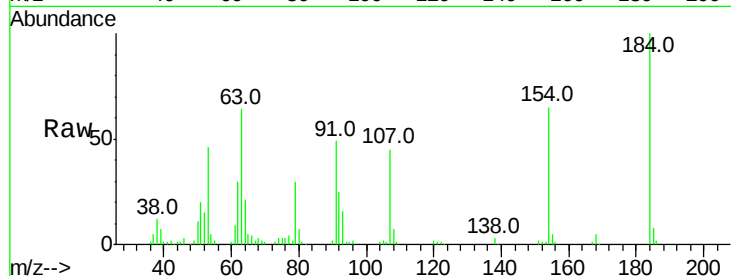




#53
2,4-Dinitrophenol
Concen: 39.264 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF099397.D
Acq: 12 Oct 2017 16:14

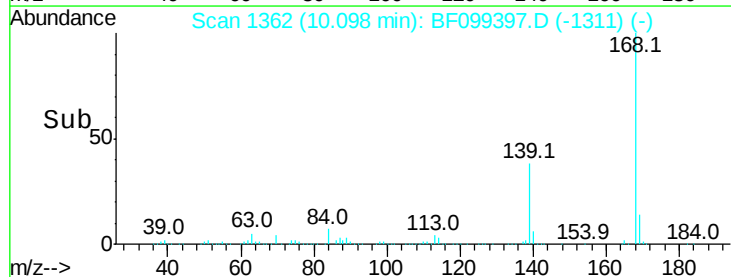
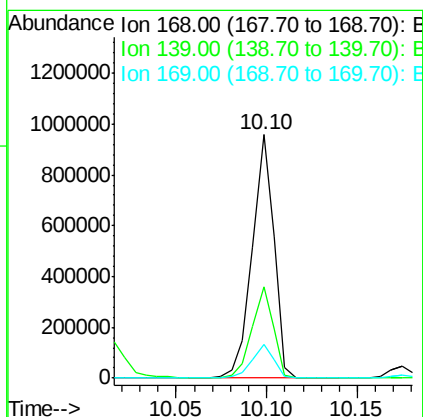
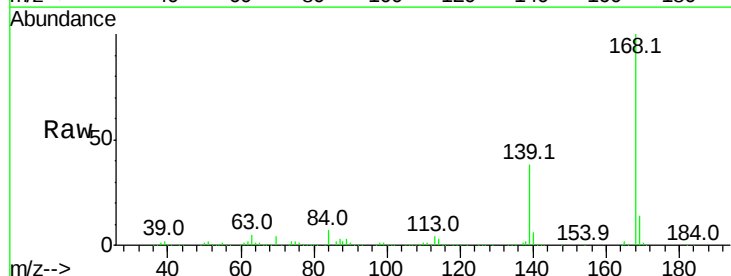
Instrument :
BNA_F
ClientSampleId :

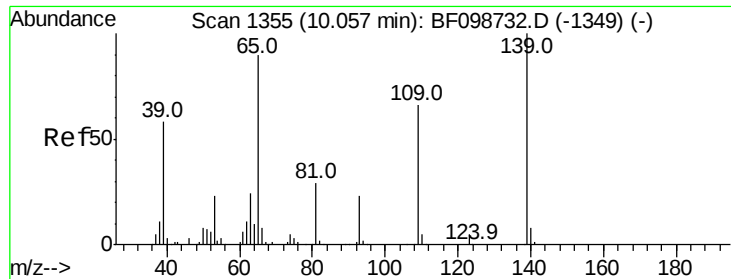
Tot Ion:184 Resp: 74114
Ion Ratio Lower Upper
184 100
63 63.7 54.2 81.2
154 65.2 53.5 80.3



#54
Dibenzofuran
Concen: 39.884 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF099397.D
Acq: 12 Oct 2017 16:14

Tgt Ion:168 Resp: 798292
Ion Ratio Lower Upper
168 100
139 37.5 30.1 45.1
169 13.6 10.9 16.3





#55

4-Nitrophenol

Concen: 33.126 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.01 min

Lab File: BF099397.D

Acq: 12 Oct 2017 16:14

Instrument :

BNA_F

ClientSampleId :

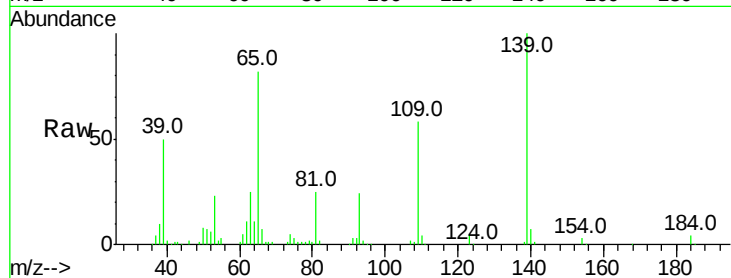
Tot Ion:139 Resp: 128922

Ion Ratio Lower Upper

139 100

109 58.2 48.4 88.4

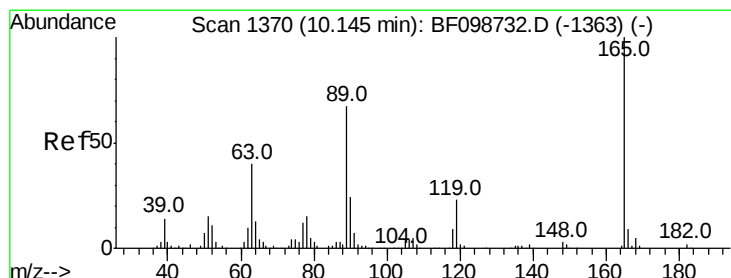
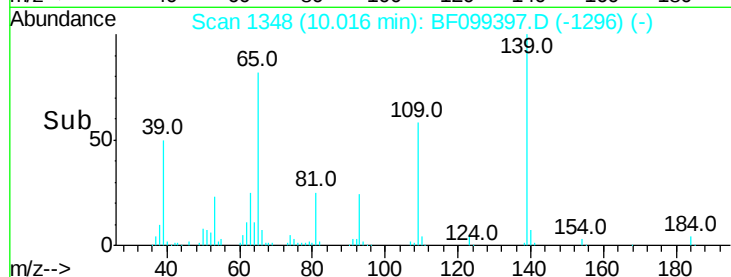
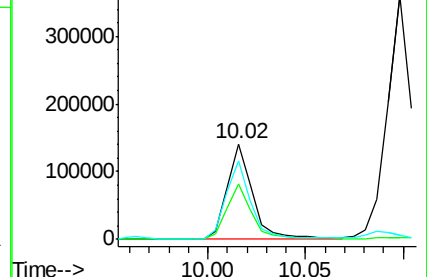
65 82.4 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 41.876 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.00 min

Lab File: BF099397.D

Acq: 12 Oct 2017 16:14

Tgt Ion:165 Resp: 214533

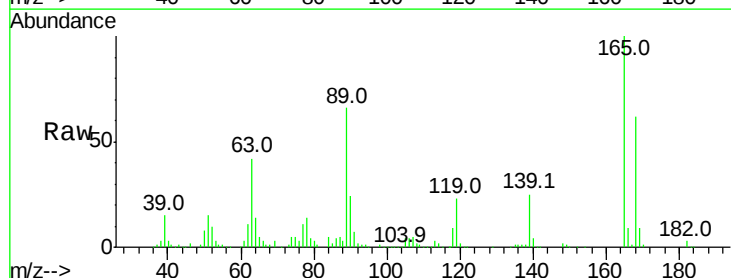
Ion Ratio Lower Upper

165 100

63 41.6 36.4 54.6

89 66.2 57.8 86.6

182 2.6 1.6 2.4#

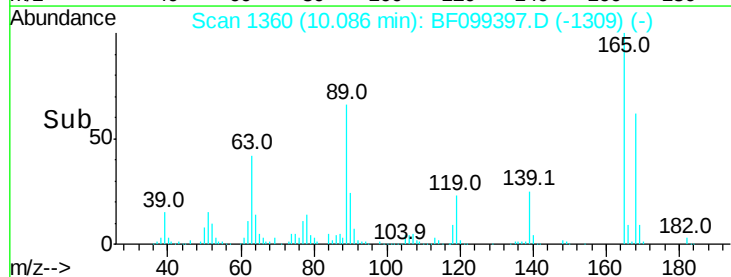
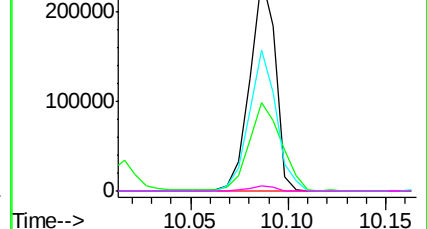


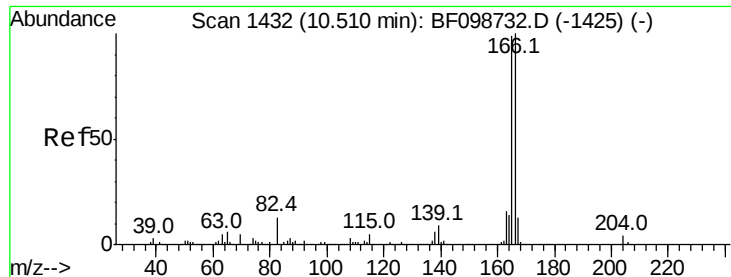
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.342 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.00 min

Lab File: BF099397.D

Acq: 12 Oct 2017 16:14

Instrument :

BNA_F

ClientSampleId :

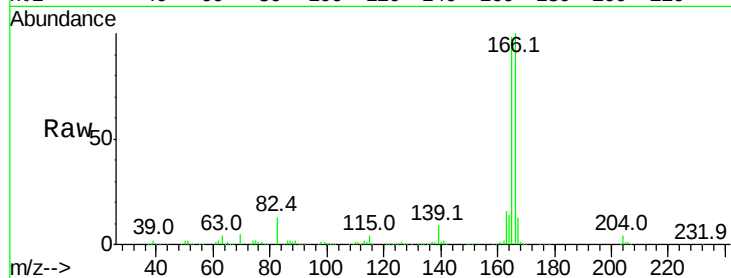
Tot Ion:166 Resp: 665088

Ion Ratio Lower Upper

166 100

165 97.7 79.8 119.8

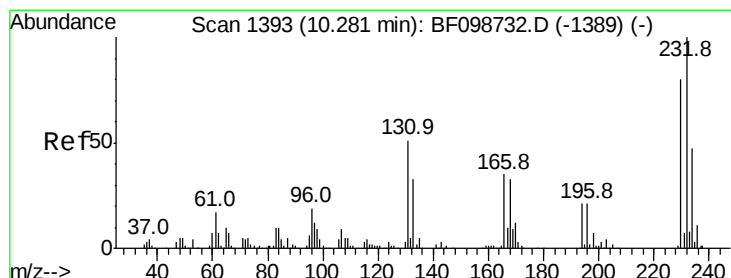
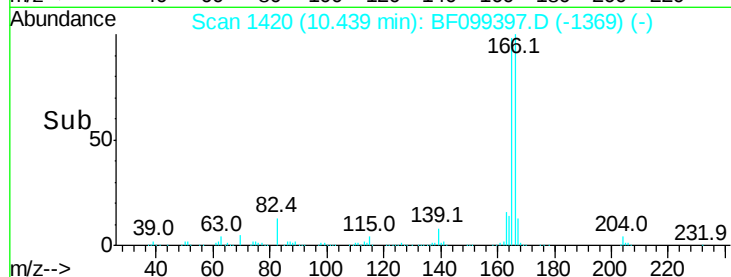
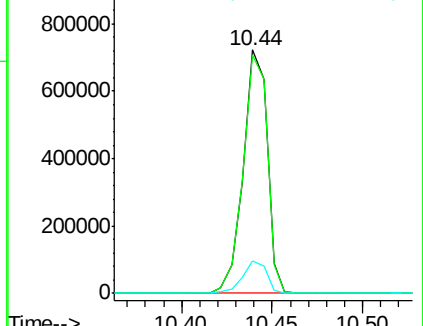
167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.416 ng

RT: 10.22 min Scan# 1382

Delta R.T. -0.00 min

Lab File: BF099397.D

Acq: 12 Oct 2017 16:14

Tgt Ion:232 Resp: 141456

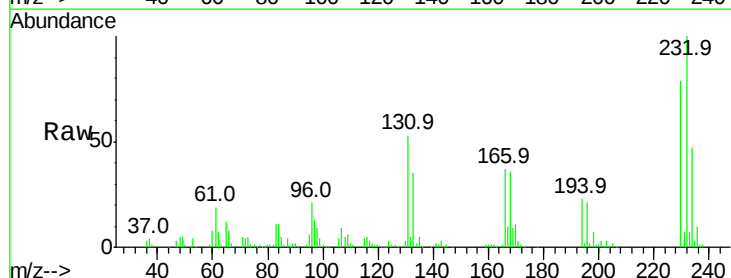
Ion Ratio Lower Upper

232 100

131 51.6 43.8 65.8

130 2.5 2.1 3.1

166 35.0 27.8 41.6

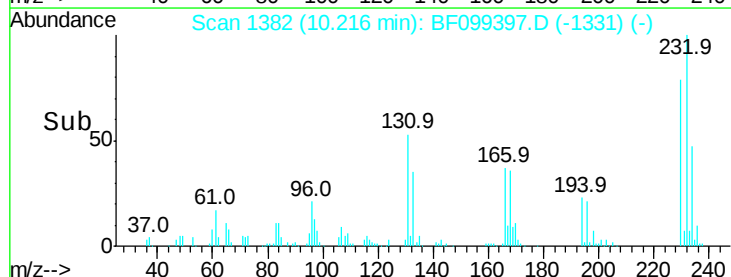
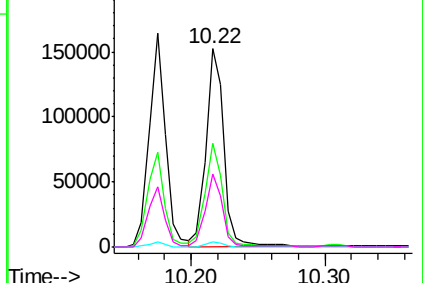


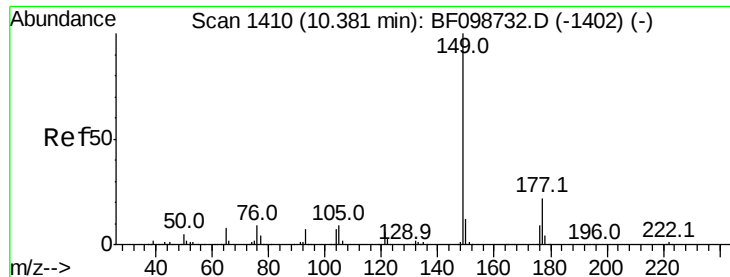
Abundance Ion 232.00 (231.70 to 232.70): E

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

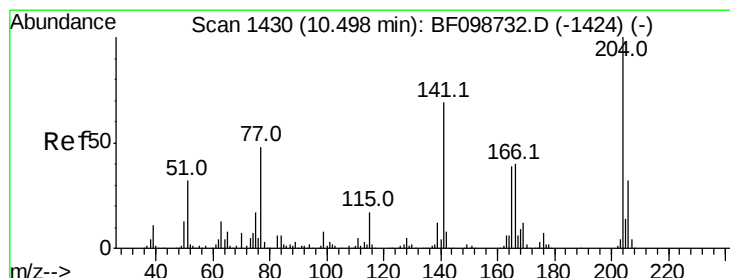
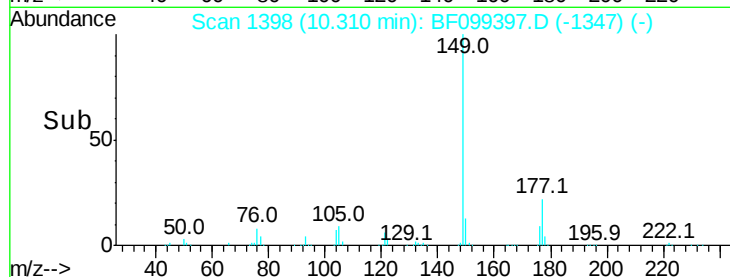
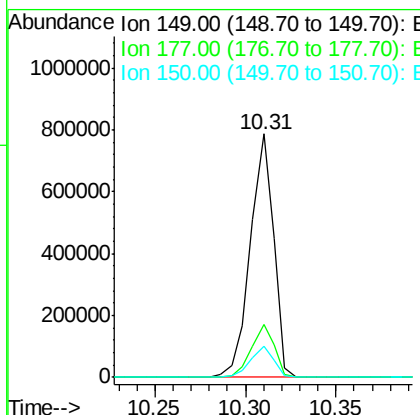
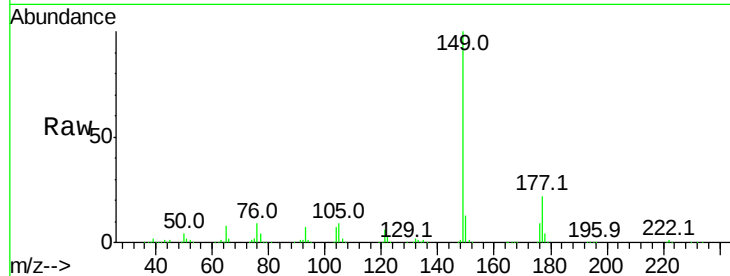




#59
Diethylphthalate
Concen: 39.690 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF099397.D
Acq: 12 Oct 2017 16:14

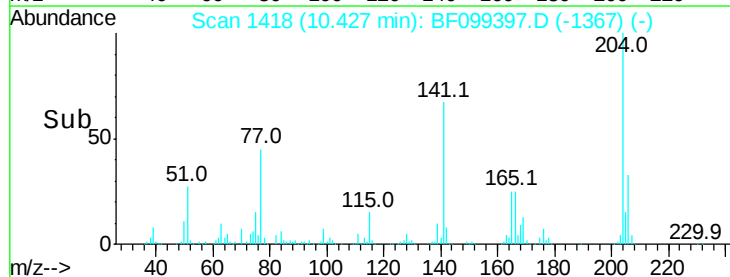
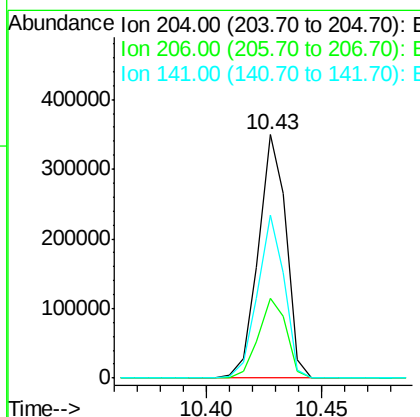
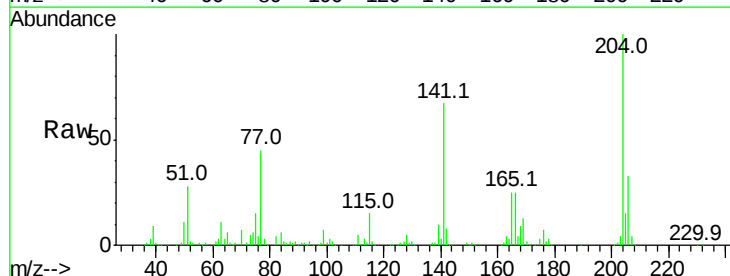
Instrument :
BNA_F
ClientSampled :

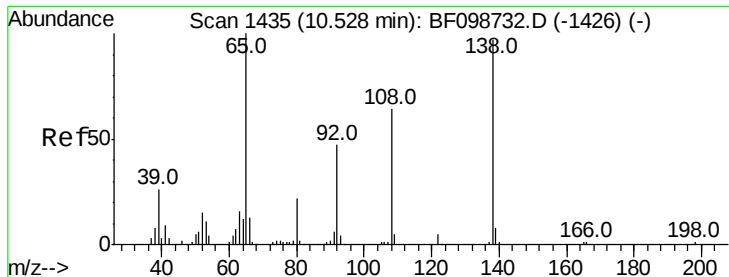
Tot Ion:149 Resp: 703192
Ion Ratio Lower Upper
149 100
177 21.6 16.1 24.1
150 12.7 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 40.609 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF099397.D
Acq: 12 Oct 2017 16:14

Tgt Ion:204 Resp: 293459
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 66.7 54.6 81.8





#61

4-Nitroaniline

Concen: 44.536 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.01 min

Lab File: BF099397.D

Acq: 12 Oct 2017 16:14

Instrument :

BNA_F

ClientSampled :

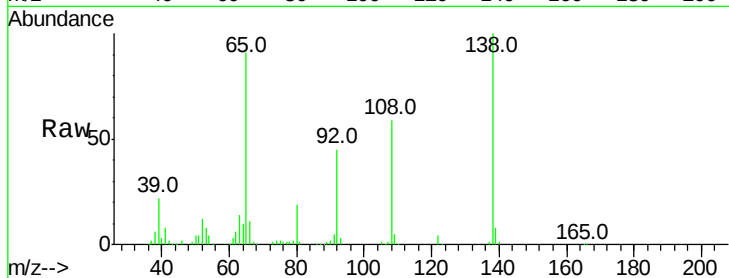
Tot Ion:138 Resp: 197763

Ion Ratio Lower Upper

138 100

92 44.5 30.2 70.2

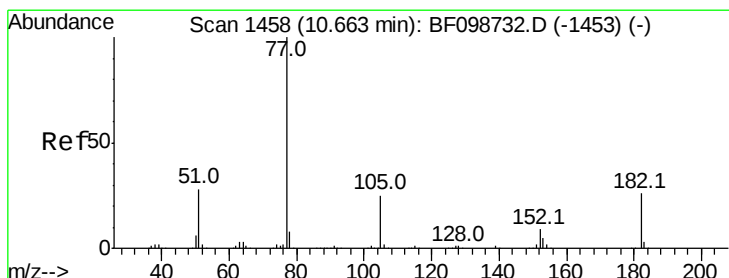
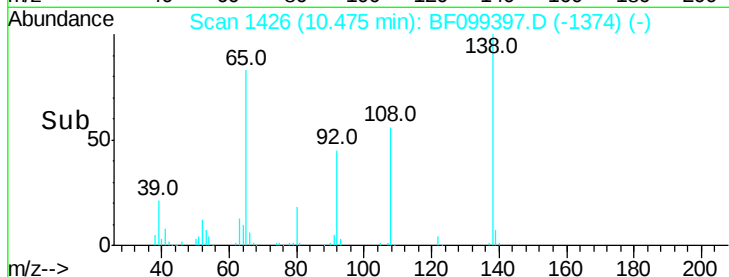
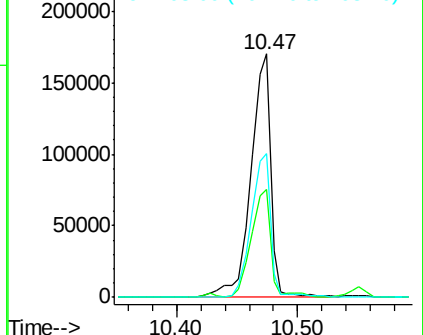
108 58.9 52.5 92.5



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: 37.220 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BF099397.D

Acq: 12 Oct 2017 16:14

Tgt Ion: 77 Resp: 606341

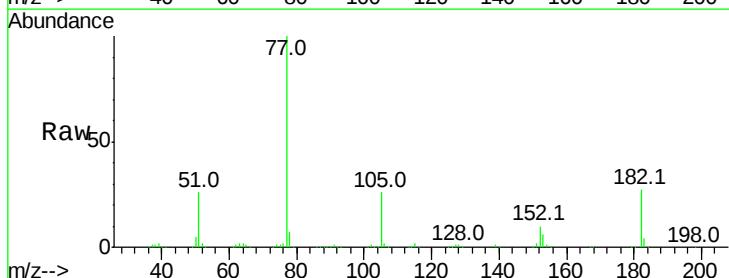
Ion Ratio Lower Upper

77 100

182 26.9 1.7 41.7

105 25.6 3.0 43.0

51 25.5 9.9 49.9

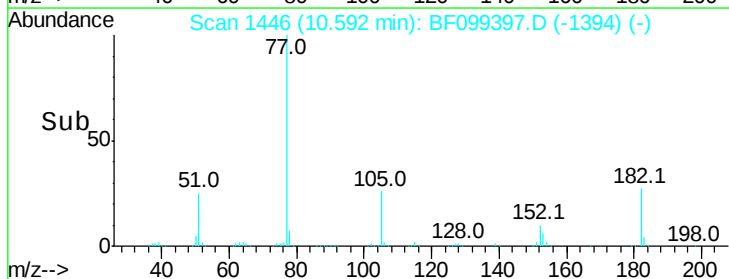
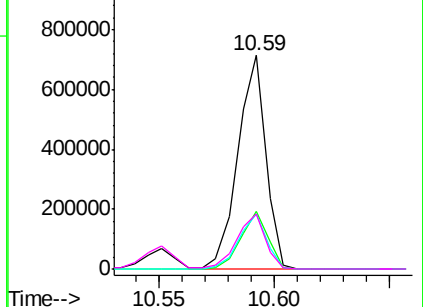


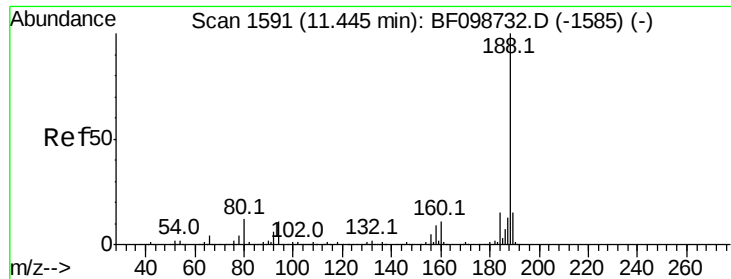
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

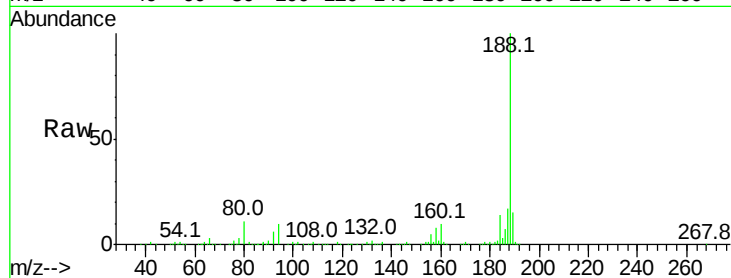




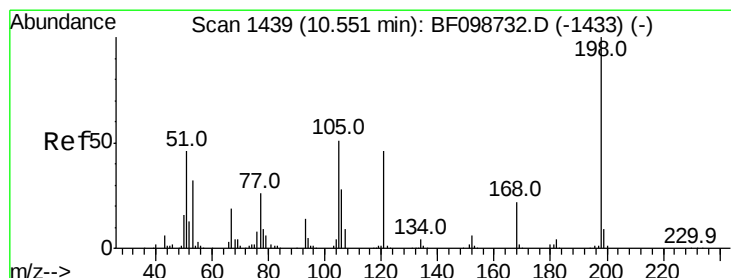
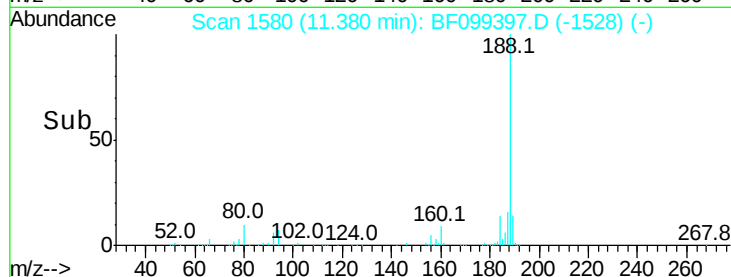
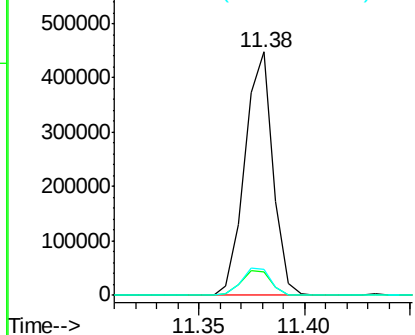
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF099397.D
Acq: 12 Oct 2017 16:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 411777
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.8 9.2 13.8

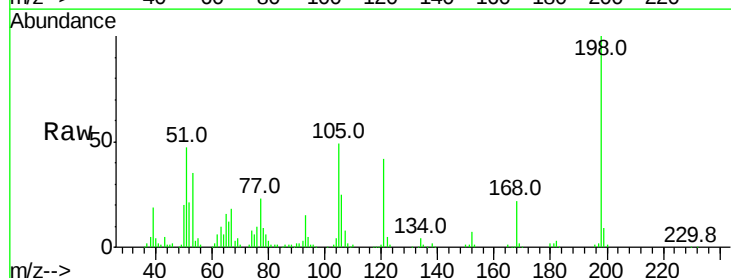


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

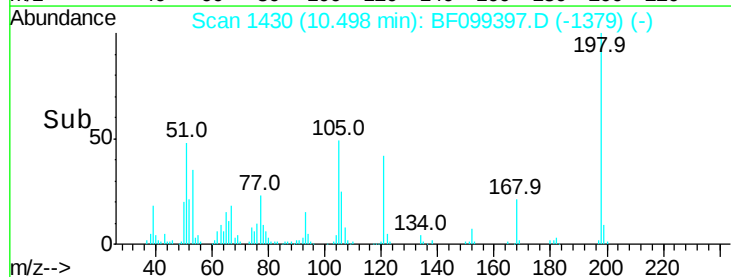
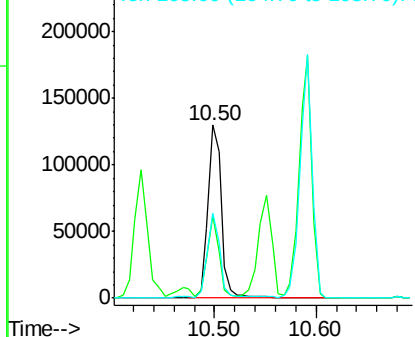


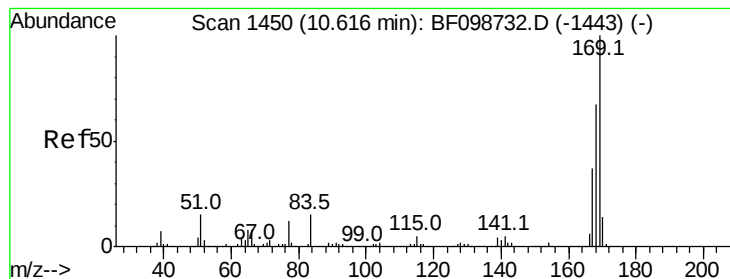
#64
4,6-Dinitro-2-methylphenol
Concen: 48.007 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF099397.D
Acq: 12 Oct 2017 16:14

Tgt Ion:198 Resp: 120274
Ion Ratio Lower Upper
198 100
51 47.4 37.7 77.7
105 48.9 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: 41.598 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF099397.D

Acq: 12 Oct 2017 16:14

Instrument :

BNA_F

ClientSampleId :

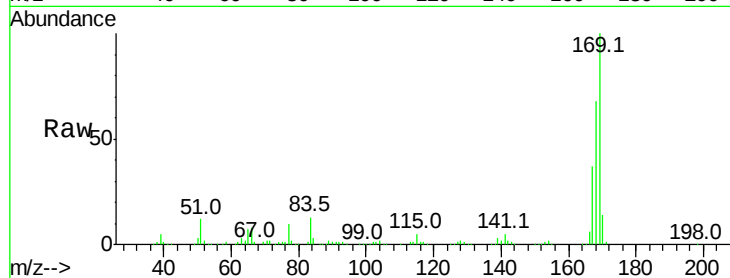
Tot Ion:169 Resp: 593399

Ion Ratio Lower Upper

169 100

168 68.3 54.4 81.6

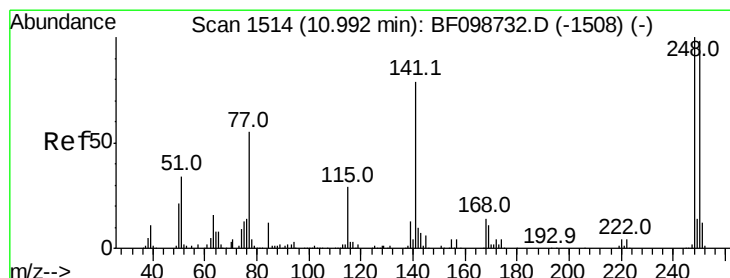
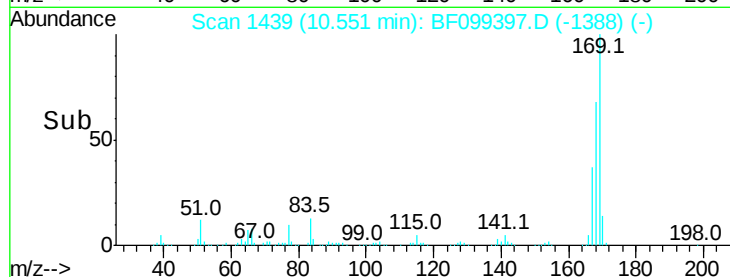
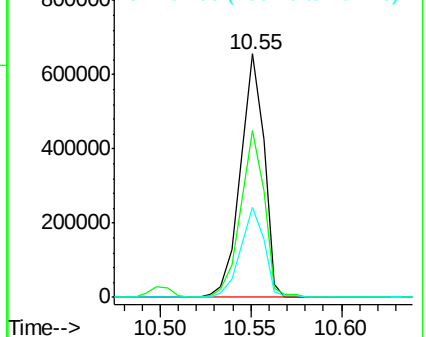
167 36.9 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.760 ng

RT: 10.92 min Scan# 1502

Delta R.T. 0.01 min

Lab File: BF099397.D

Acq: 12 Oct 2017 16:14

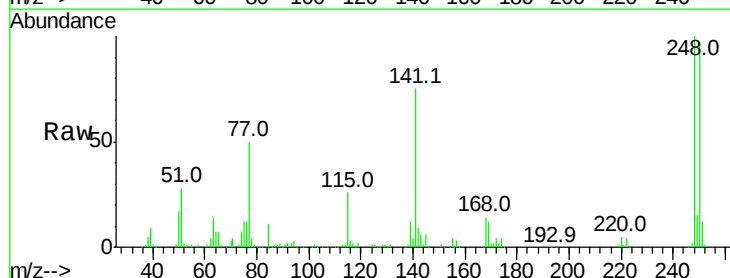
Tgt Ion:248 Resp: 172349

Ion Ratio Lower Upper

248 100

250 97.0 76.9 115.3

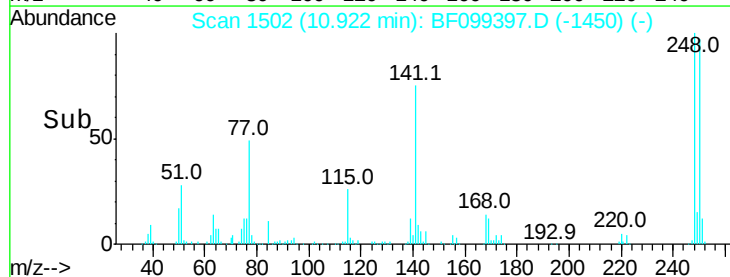
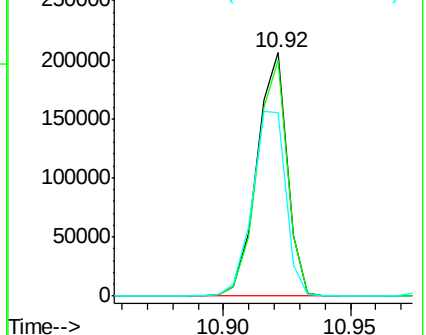
141 75.2 74.4 111.6



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

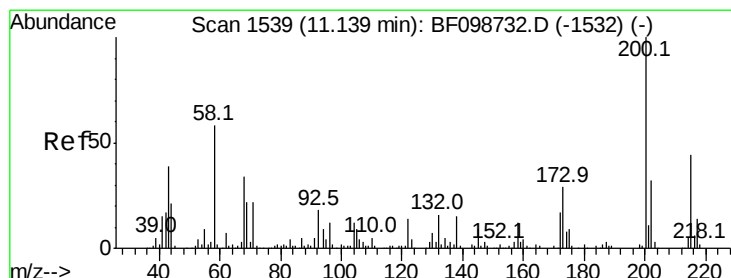
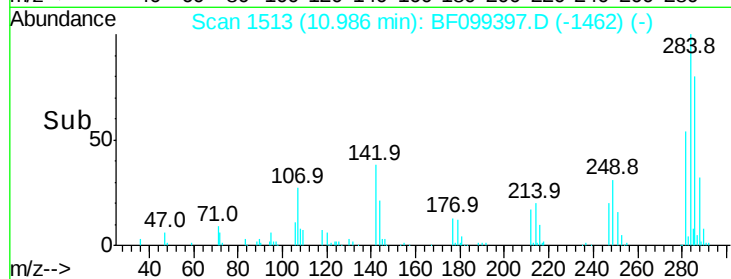
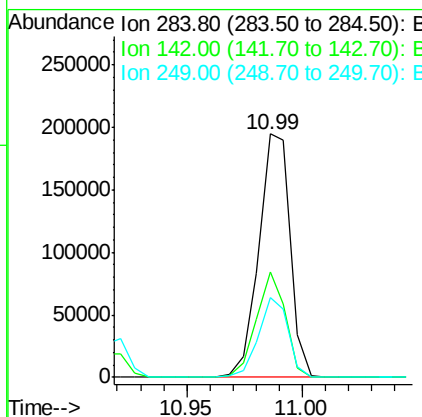
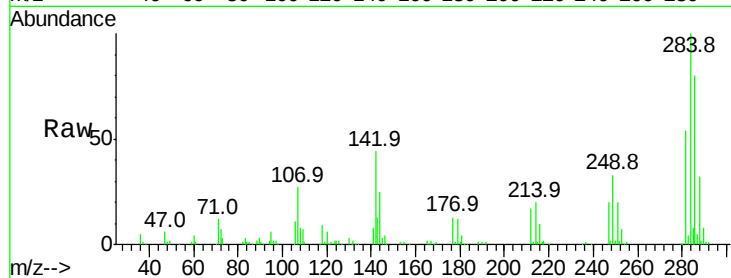




#67
Hexachlorobenzene
Concen: 42.959 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BF099397.D
Acq: 12 Oct 2017 16:14

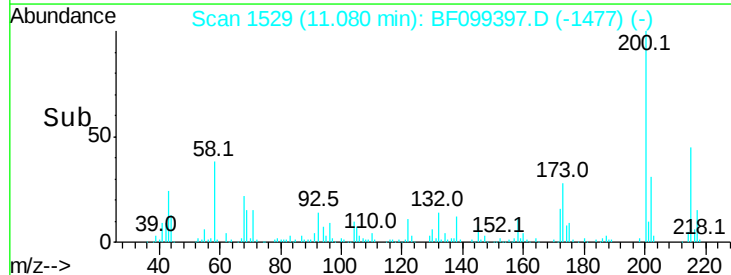
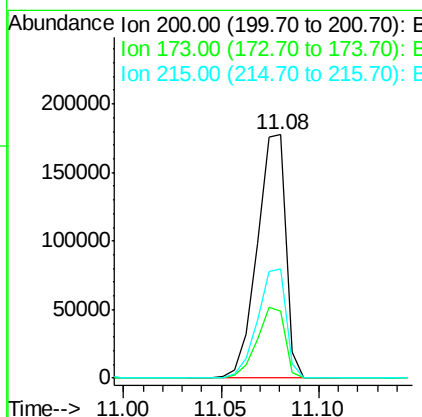
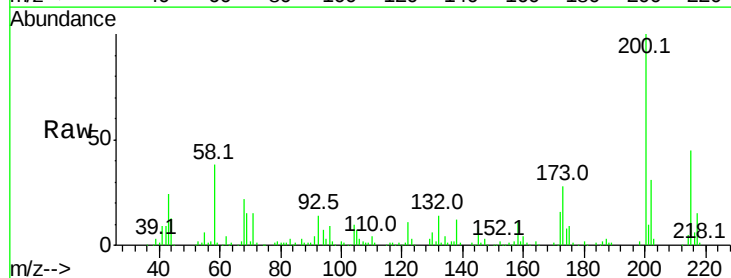
Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 184935
Ion Ratio Lower Upper
284 100
142 43.5 34.6 52.0
249 32.9 24.8 37.2



#68
Atrazine
Concen: 42.131 ng
RT: 11.08 min Scan# 1529
Delta R.T. 0.01 min
Lab File: BF099397.D
Acq: 12 Oct 2017 16:14

Tgt Ion:200 Resp: 180826
Ion Ratio Lower Upper
200 100
173 27.7 8.6 48.6
215 44.7 25.1 65.1

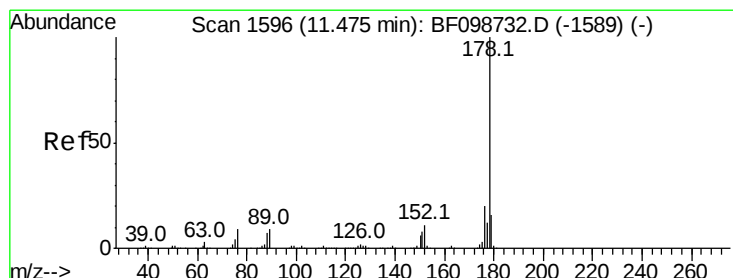
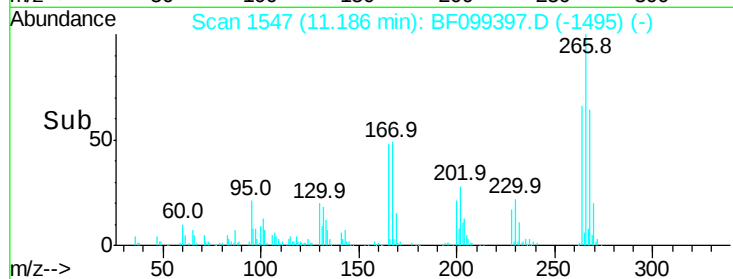
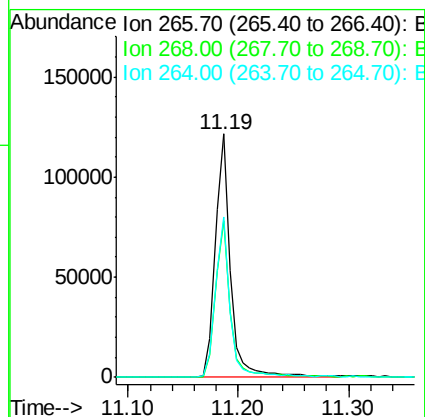
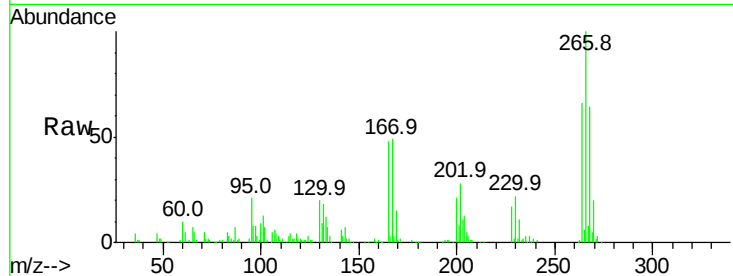




#69
 Pentachlorophenol
 Concen: 43.305 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.01 min
 Lab File: BF099397.D
 Acq: 12 Oct 2017 16:14

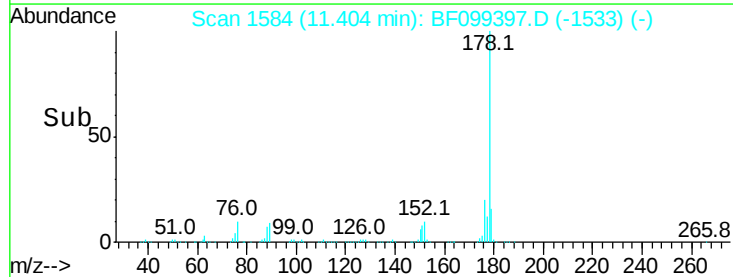
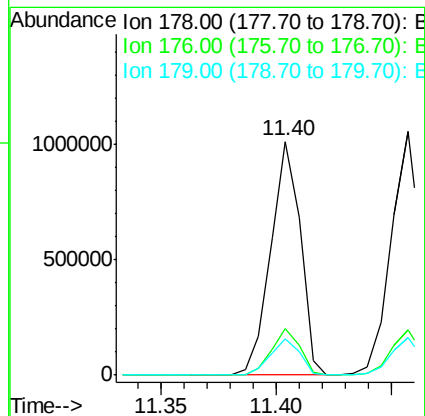
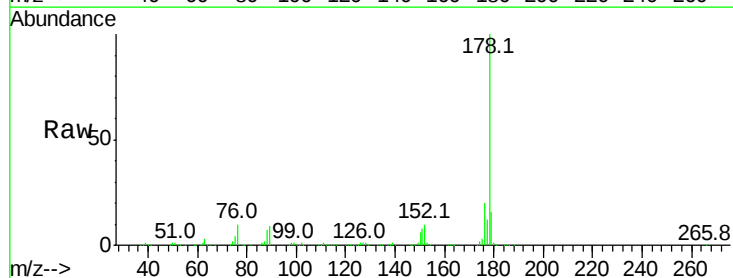
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.1	76.7
264	66.0	49.5	74.3



#70
 Phenanthrene
 Concen: 40.950 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF099397.D
 Acq: 12 Oct 2017 16:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.5	13.0	19.6

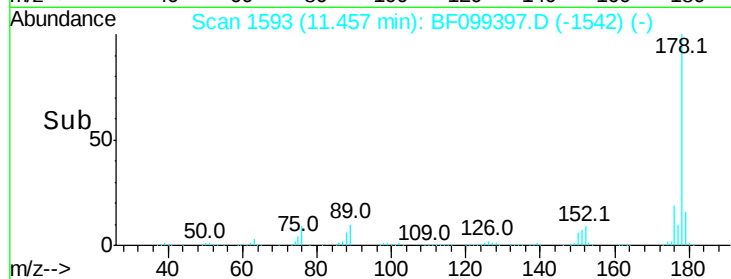
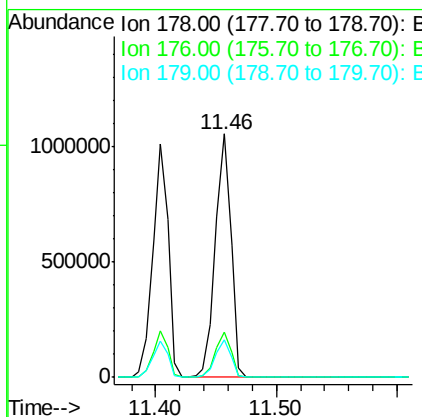
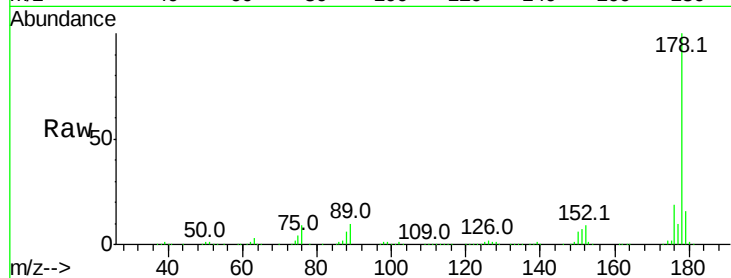




#71
 Anthracene
 Concen: 41.477 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.00 min
 Lab File: BF099397.D
 Acq: 12 Oct 2017 16:14

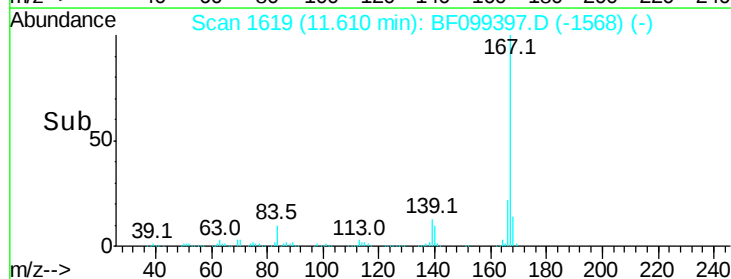
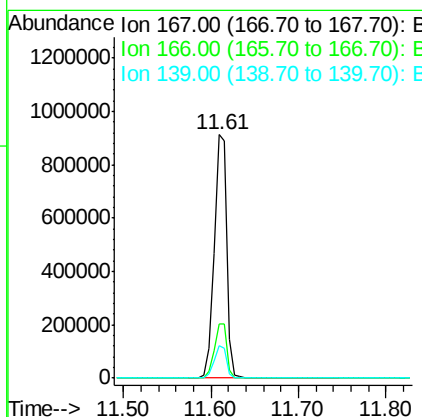
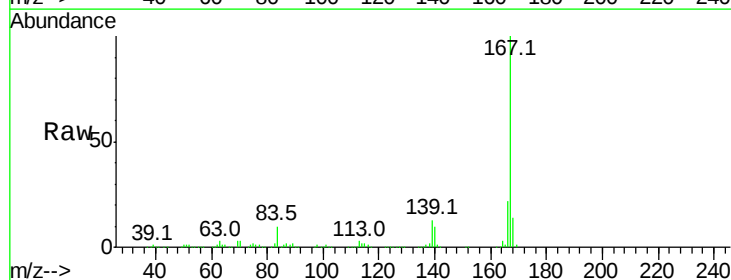
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 935407
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 41.208 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.00 min
 Lab File: BF099397.D
 Acq: 12 Oct 2017 16:14

Tgt Ion:167 Resp: 910079
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.2 10.9 16.3

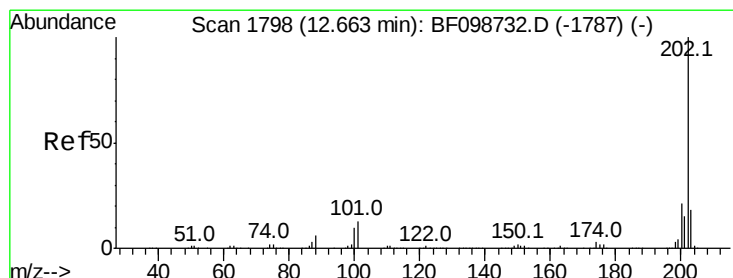
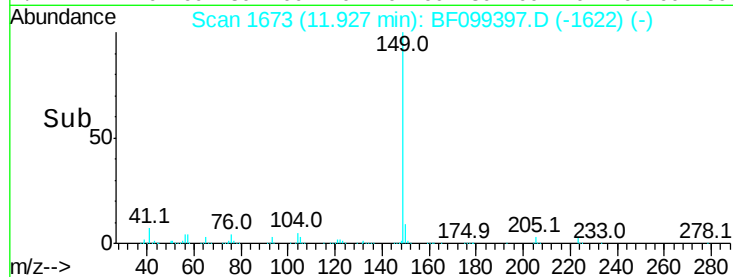
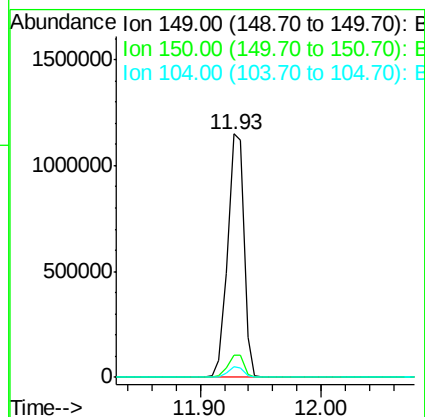
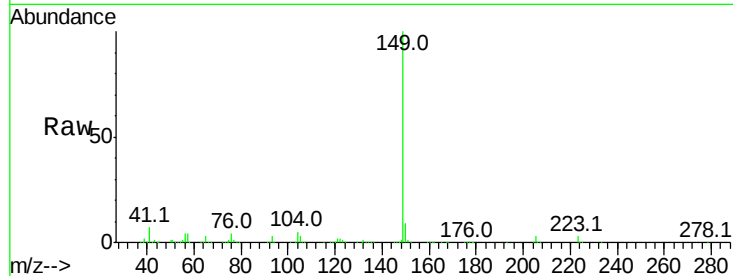




#73
Di-n-butylphthalate
Concen: 40.445 ng
RT: 11.93 min Scan# 1673
Delta R.T. 0.00 min
Lab File: BF099397.D
Acq: 12 Oct 2017 16:14

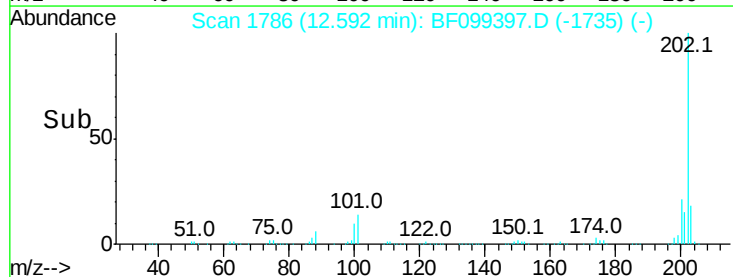
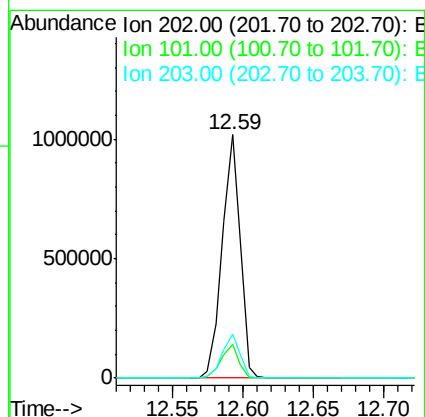
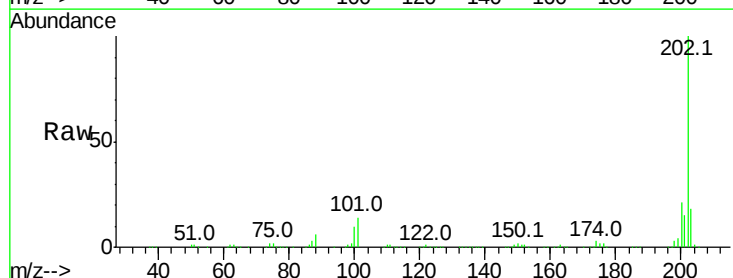
Instrument :
BNA_F
ClientSampleId :

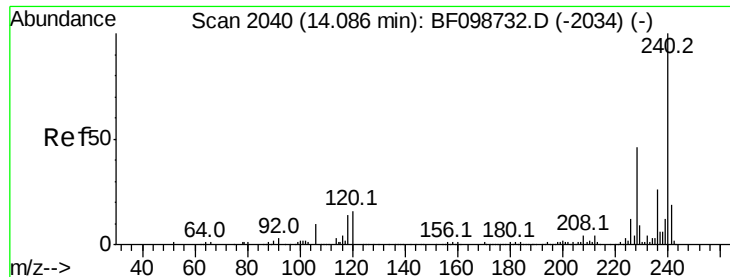
Tot Ion:149 Resp: 1075156
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.6
104 4.5 3.8 5.8



#74
Fluoranthene
Concen: 40.586 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BF099397.D
Acq: 12 Oct 2017 16:14

Tgt Ion:202 Resp: 905850
Ion Ratio Lower Upper
202 100
101 13.7 0.0 34.1
203 17.9 0.0 38.1

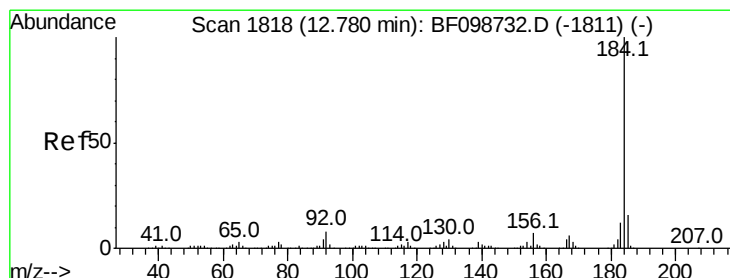
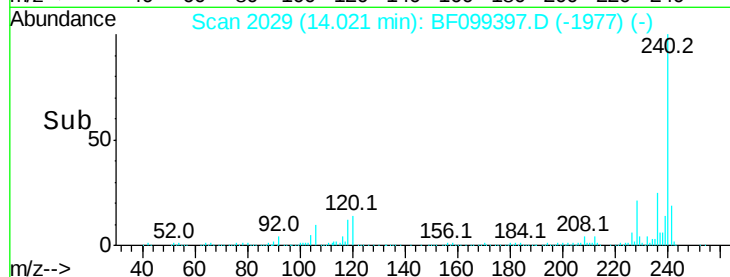
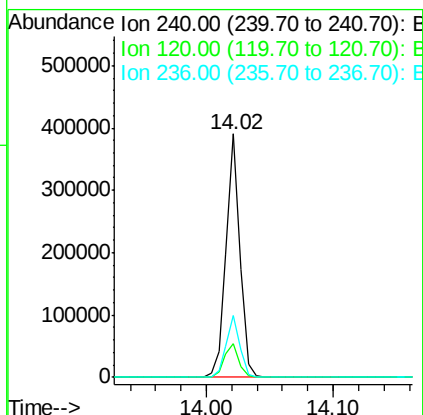
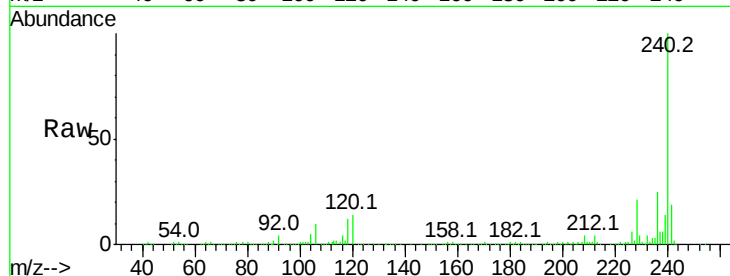




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF099397.D
Acq: 12 Oct 2017 16:14

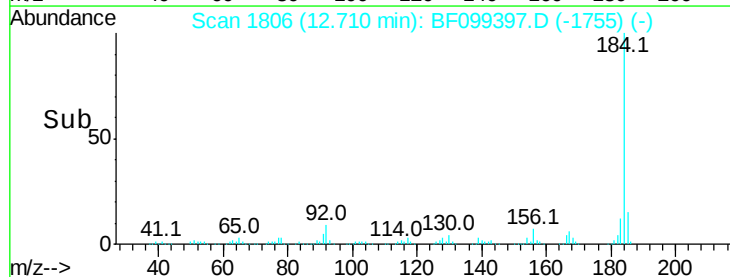
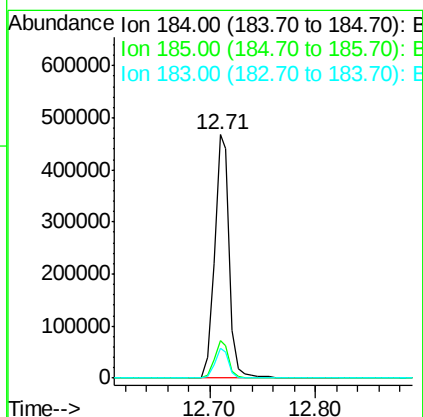
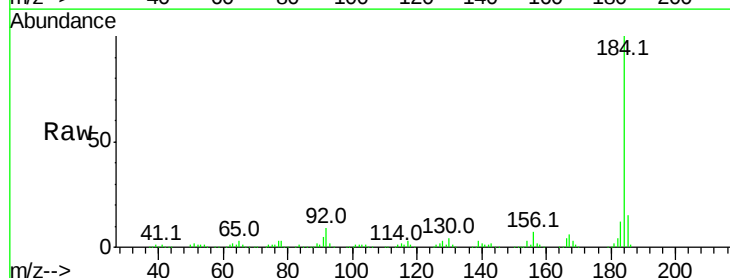
Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 296865
Ion Ratio Lower Upper
240 100
120 14.1 9.5 14.3
236 25.5 20.7 31.1



#76
Benzidine
Concen: 42.314 ng
RT: 12.71 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BF099397.D
Acq: 12 Oct 2017 16:14

Tgt Ion:184 Resp: 464608
Ion Ratio Lower Upper
184 100
185 15.2 12.6 18.8
183 12.2 9.3 13.9





#77

Pvrene

Concen: 41.912 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF099397.D

Acq: 12 Oct 2017 16:14

Instrument :

BNA_F

ClientSampleId :

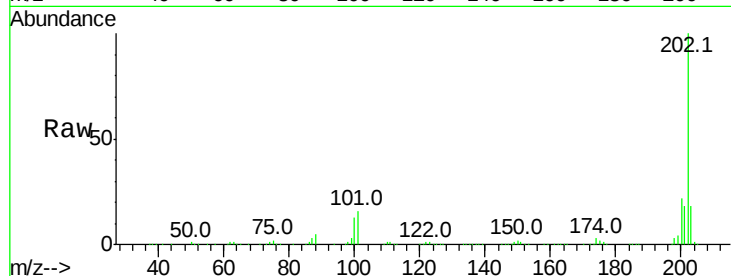
Tot Ion:202 Resp: 948770

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

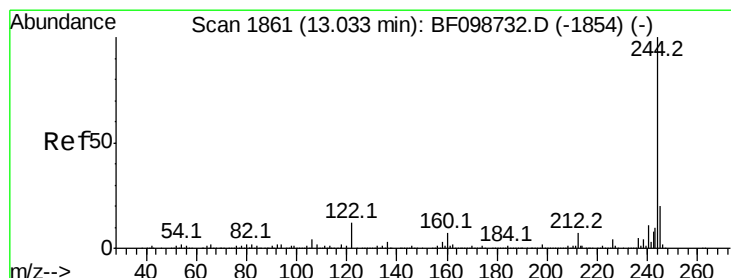
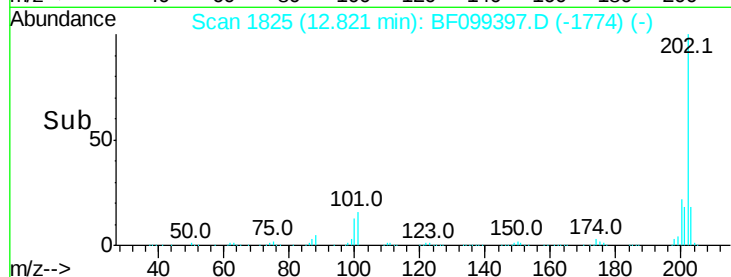
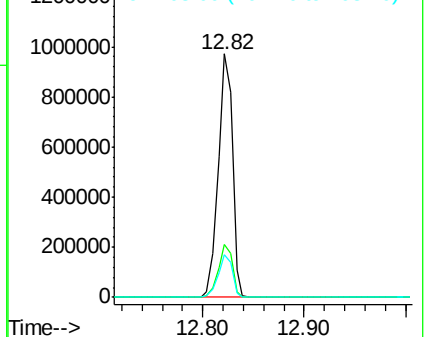
203 17.6 14.3 21.5



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: 82.874 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.01 min

Lab File: BF099397.D

Acq: 12 Oct 2017 16:14

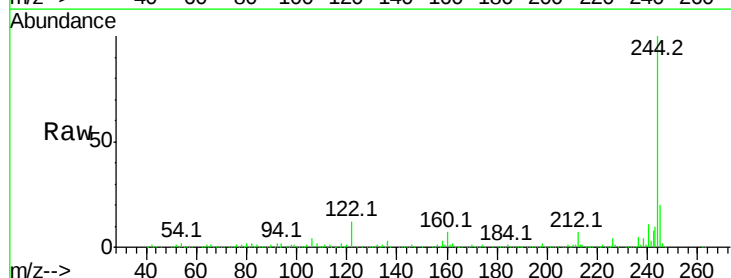
Tgt Ion:244 Resp: 1081799

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

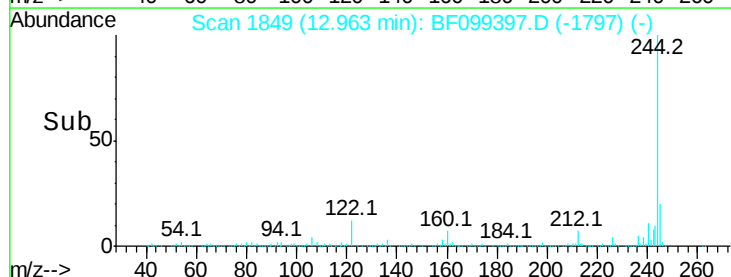
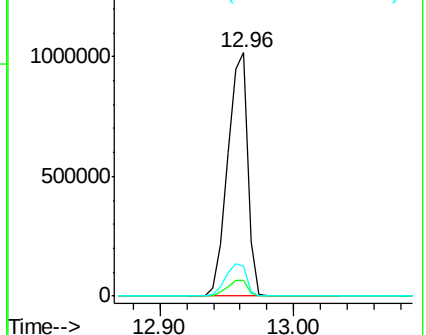
122 12.3 11.0 16.4

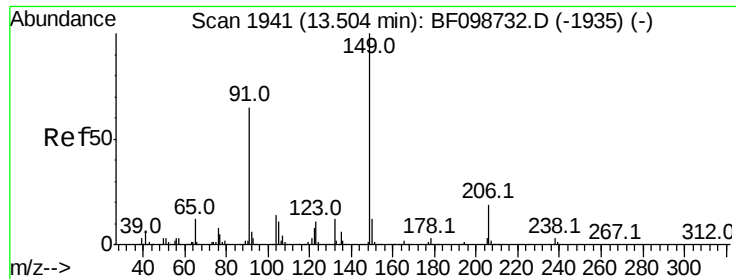


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 42.041 ng

RT: 13.43 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BF099397.D

Acq: 12 Oct 2017 16:14

Instrument :

BNA_F

ClientSampleId :

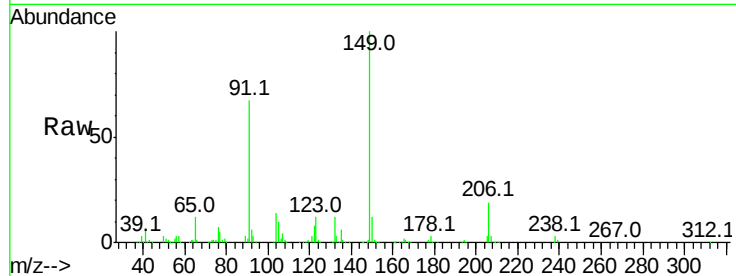
Tot Ion:149 Resp: 447269

Ion Ratio Lower Upper

149 100

91 66.6 56.8 85.2

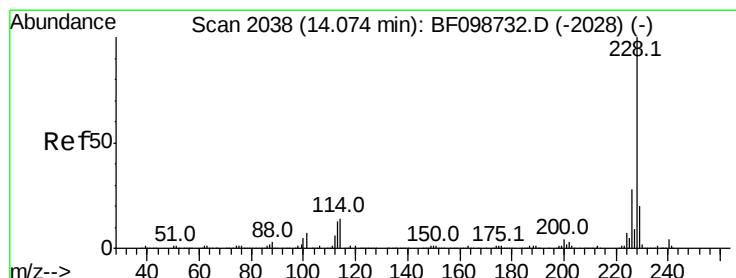
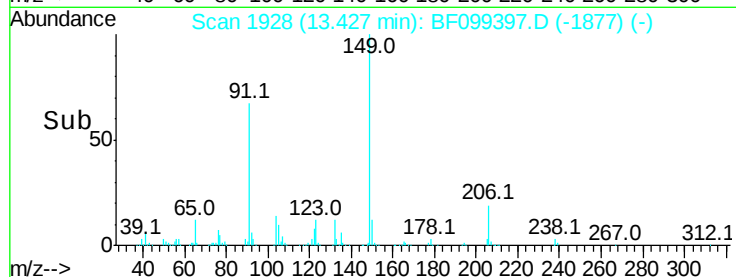
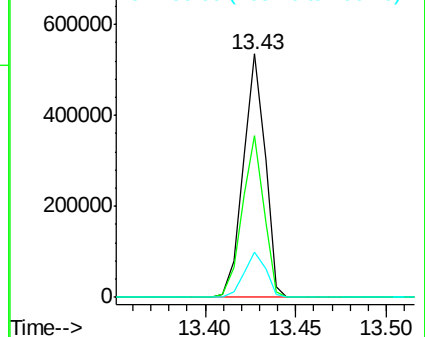
206 18.5 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 41.935 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF099397.D

Acq: 12 Oct 2017 16:14

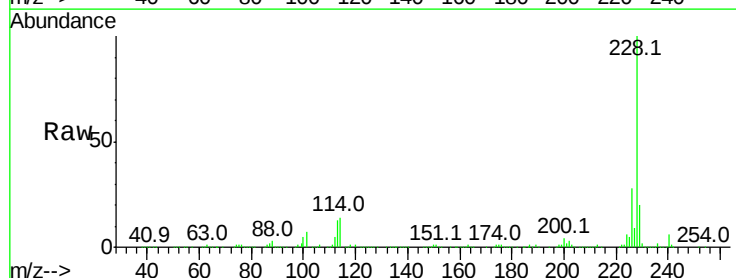
Tgt Ion:228 Resp: 753820

Ion Ratio Lower Upper

228 100

226 27.7 22.6 33.8

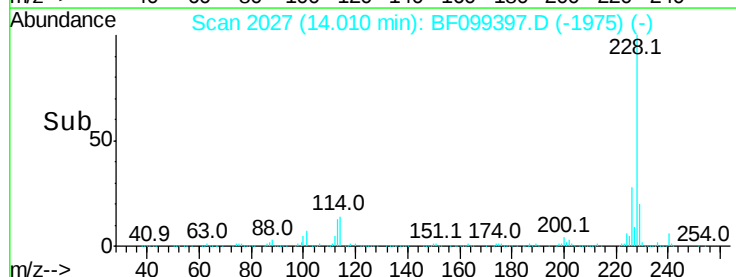
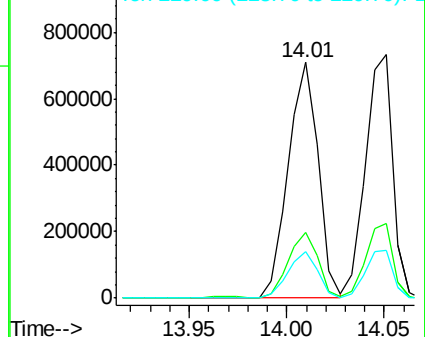
229 19.9 15.8 23.6

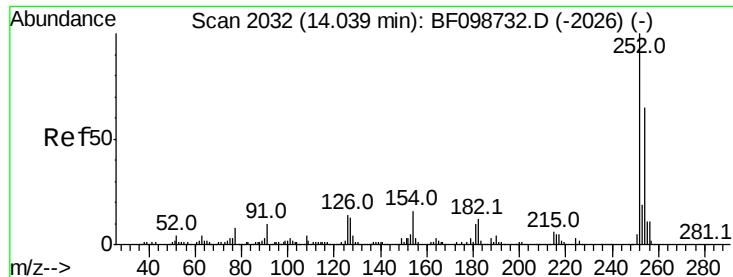


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

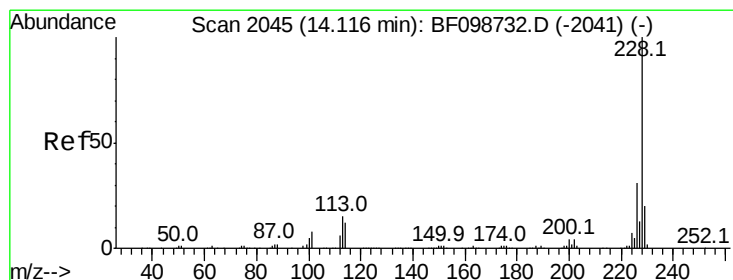
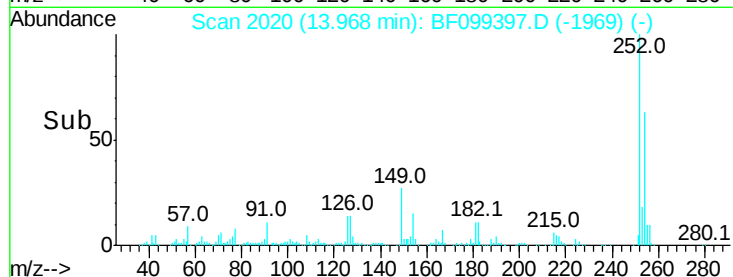
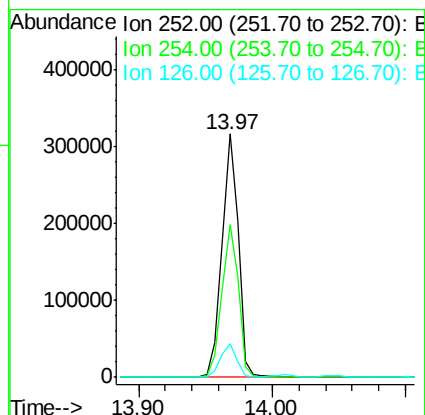
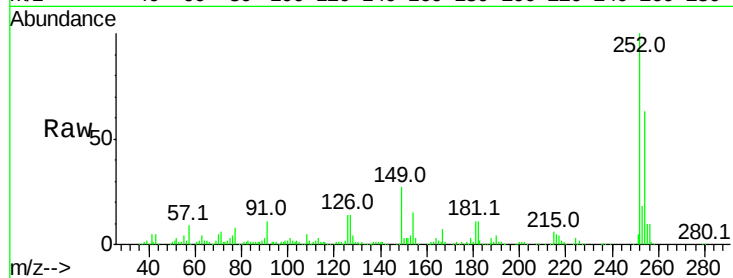




#81
 3,3'-Dichlorobenzidine
 Concen: 41.948 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.00 min
 Lab File: BF099397.D
 Acq: 12 Oct 2017 16:14

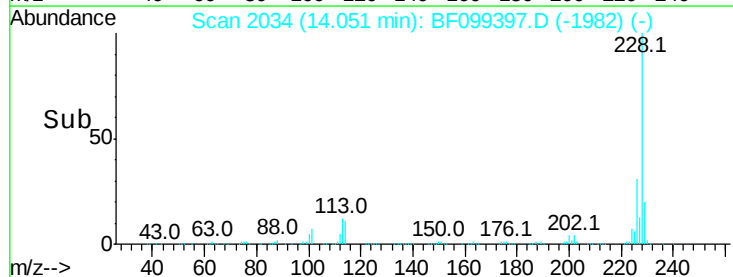
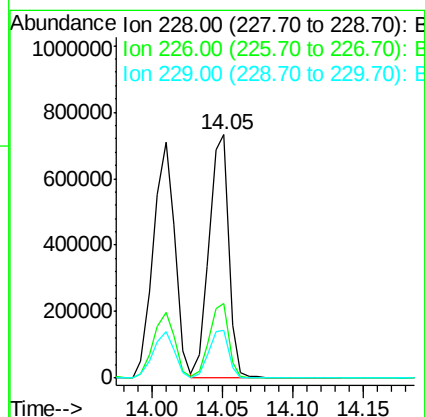
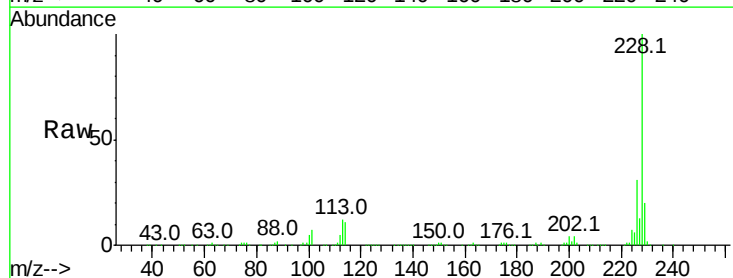
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.8	50.4	75.6
126	14.1	11.3	16.9



#82
 Chrysene
 Concen: 41.669 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.01 min
 Lab File: BF099397.D
 Acq: 12 Oct 2017 16:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	19.5	16.2	24.4

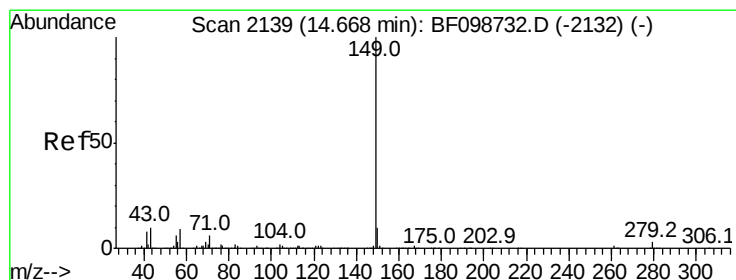
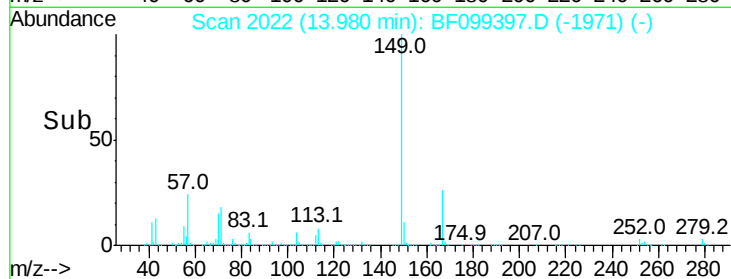
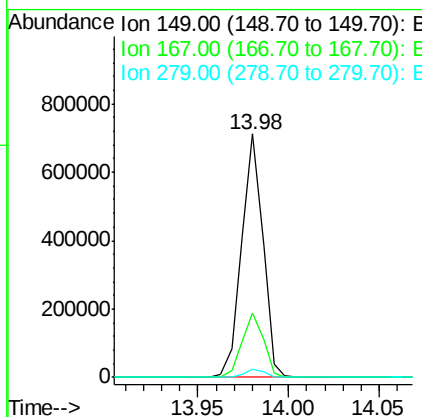
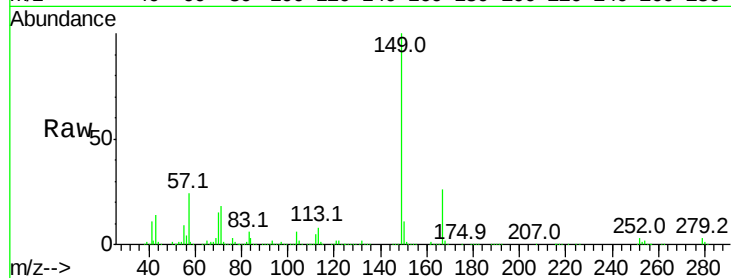




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.902 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BF099397.D
 Acq: 12 Oct 2017 16:14

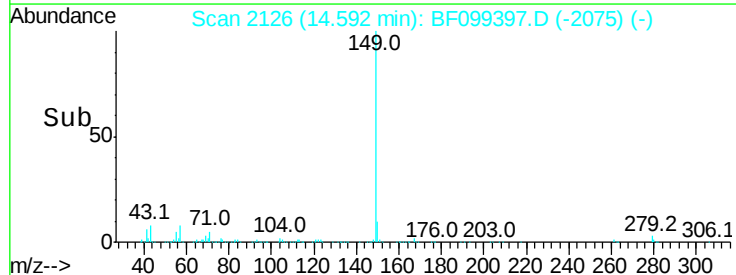
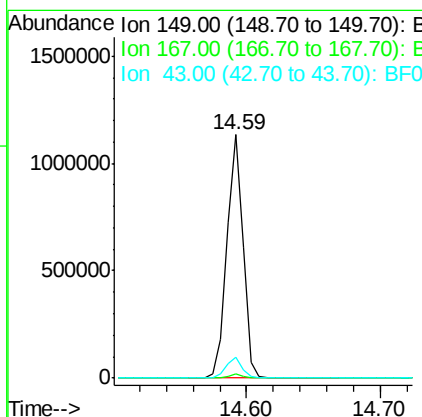
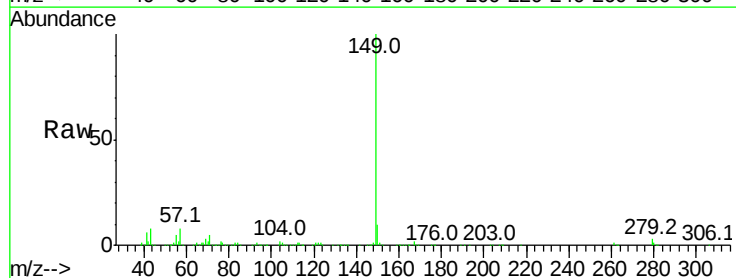
Instrument :
 BNA_F
 ClientSampleId :

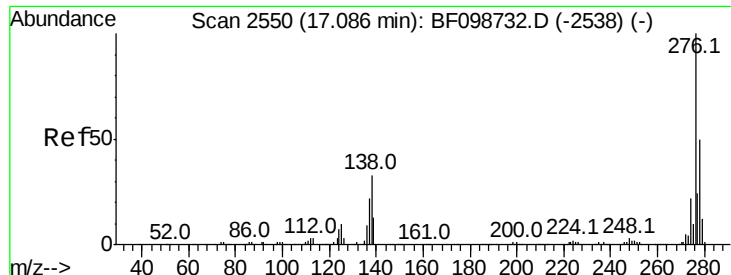
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.3	31.9
279	3.1	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 41.306 ng
 RT: 14.59 min Scan# 2126
 Delta R.T. 0.00 min
 Lab File: BF099397.D
 Acq: 12 Oct 2017 16:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.4	8.4	12.6

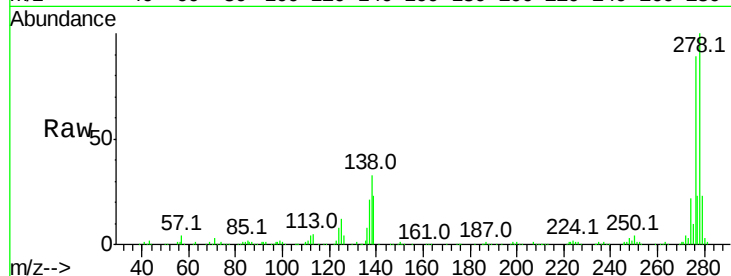




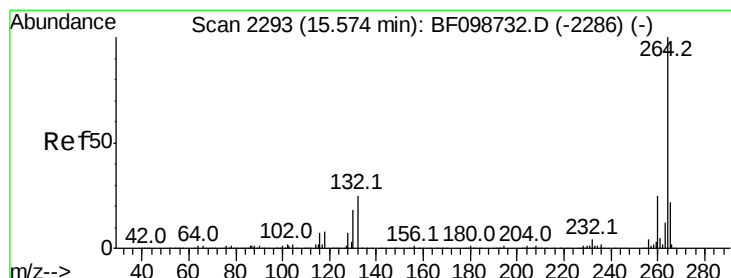
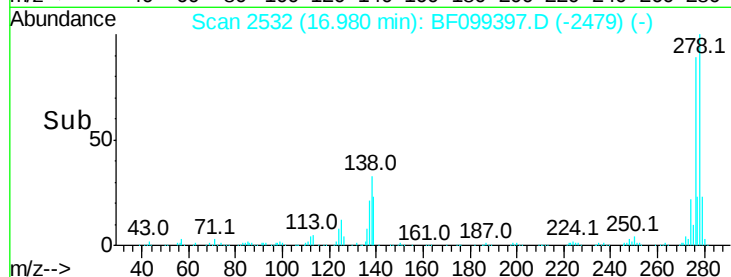
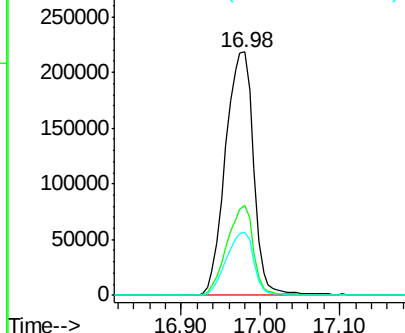
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.192 ng
 RT: 16.98 min Scan# 2532
 Delta R.T. 0.01 min
 Lab File: BF099397.D
 Acq: 12 Oct 2017 16:14

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.8	25.0	37.6
277	25.3	20.1	30.1

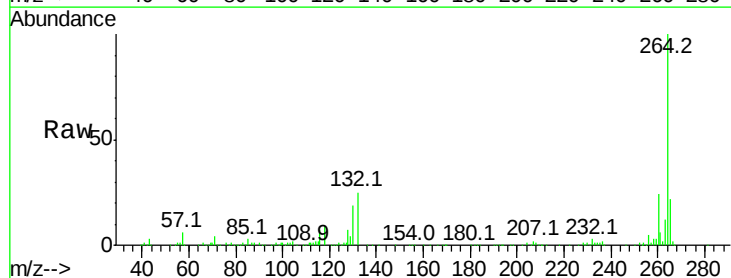


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

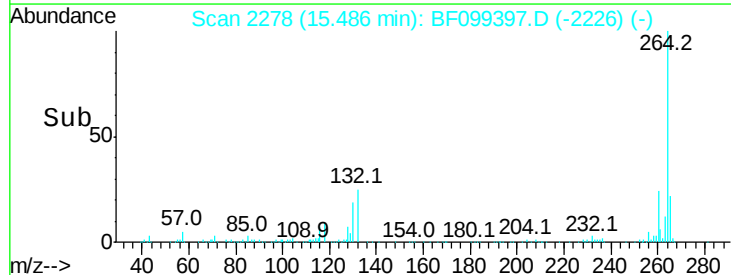
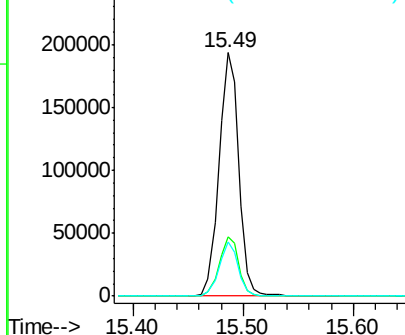


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.01 min
 Lab File: BF099397.D
 Acq: 12 Oct 2017 16:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	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

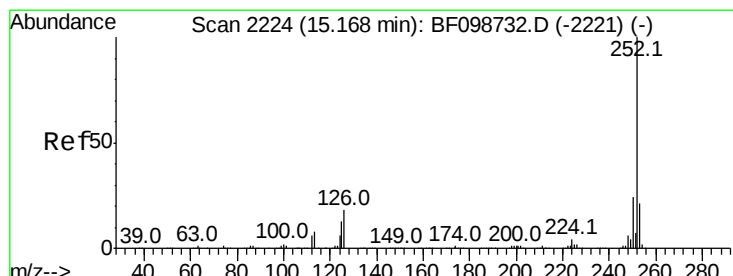
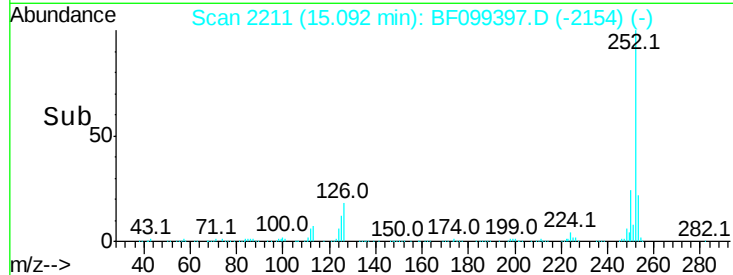
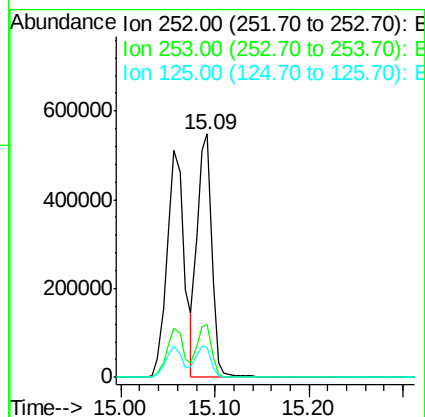
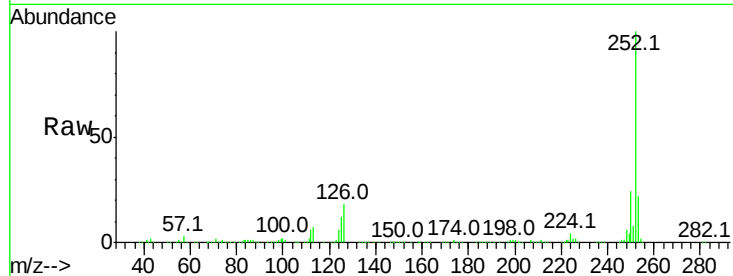




#87
Benzo(b)fluoranthene
Concen: 39.575 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.04 min
Lab File: BF099397.D
Acq: 12 Oct 2017 16:14

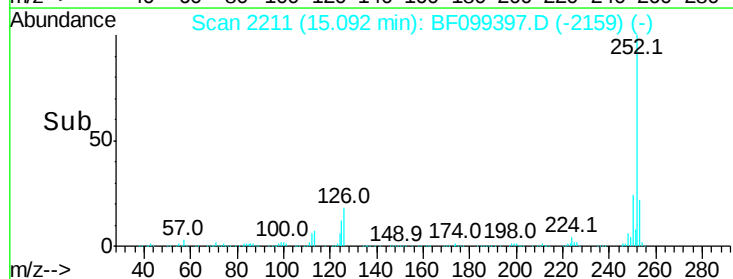
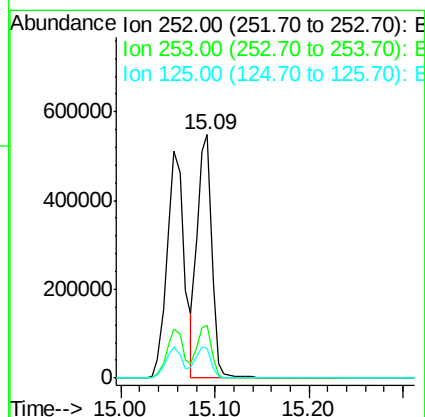
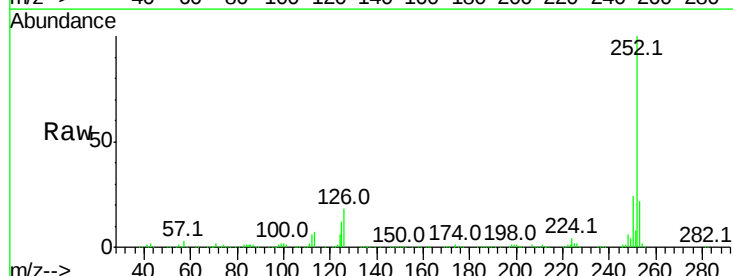
Instrument :
BNA_F
ClientSampleId :

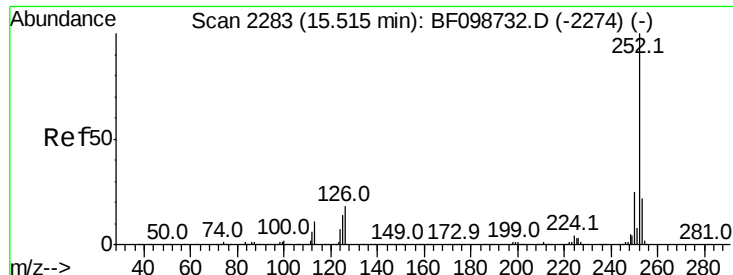
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	12.5	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 40.068 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF099397.D
Acq: 12 Oct 2017 16:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	12.5	10.2	15.2

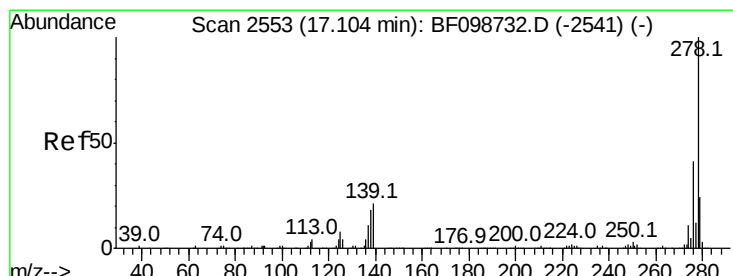
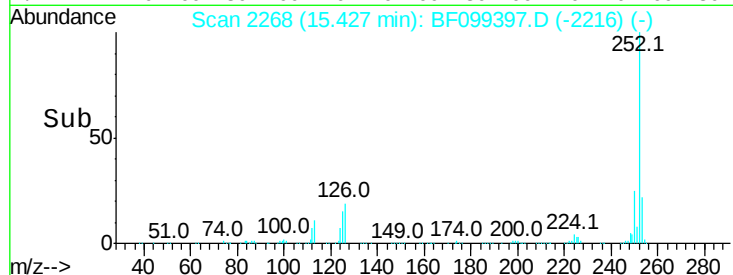
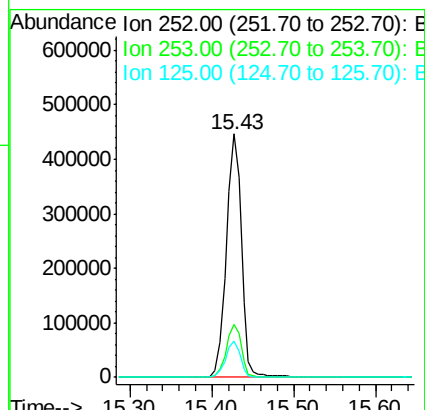
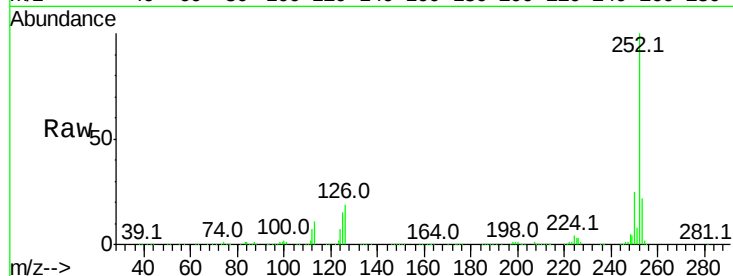




#89
Benzo(a)pyrene
Concen: 42.265 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF099397.D
Acq: 12 Oct 2017 16:14

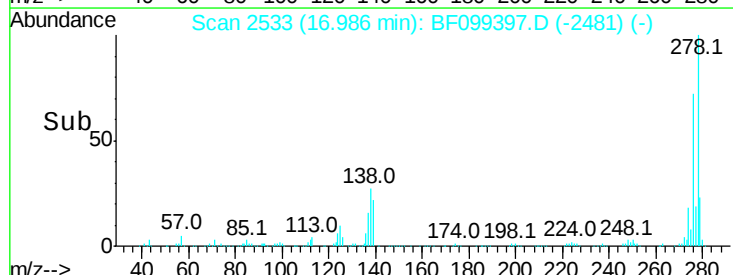
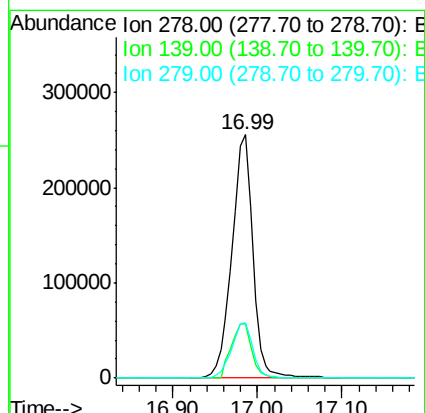
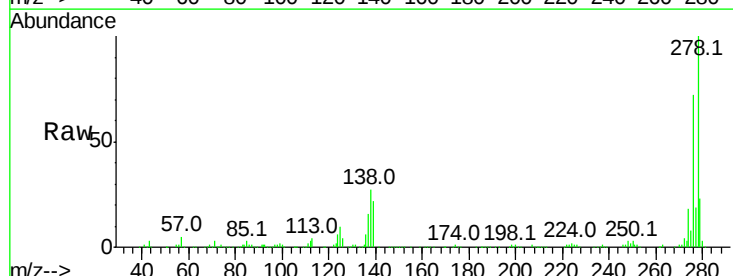
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 574770
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 14.9 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 40.150 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.01 min
Lab File: BF099397.D
Acq: 12 Oct 2017 16:14

Tgt Ion:278 Resp: 436971
Ion Ratio Lower Upper
278 100
139 22.1 15.9 23.9
279 22.6 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 41.661 ng

RT: 17.43 min Scan# 2608

Delta R.T. 0.01 min

Lab File: BF099397.D

Acq: 12 Oct 2017 16:14

Instrument :

BNA_F

ClientSampleId :

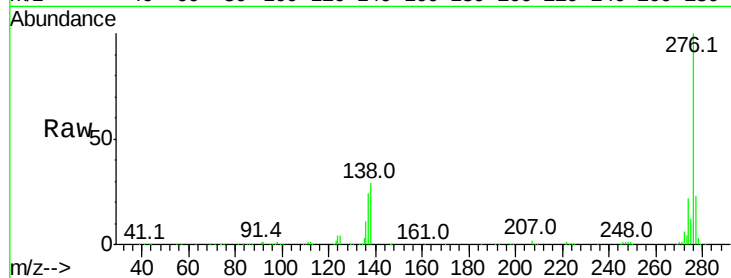
Tot Ion:276 Resp: 448193

Ion Ratio Lower Upper

276 100

277 22.6 17.9 26.9

138 29.0 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

