

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\
 Data File : BF100399.D
 Acq On : 10 Nov 2017 18:56
 Operator : SJ/JU
 Sample : I6367-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 10 21:56:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:44:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	178198	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	680252	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	282596	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	437379	20.00	ng	0.00
75) Chrysene-d12	14.06	240	367631	20.00	ng	0.00
86) Perylene-d12	15.56	264	272235	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	936758	84.27	ng	0.00
7) Phenol-d6	6.53	99	1139570	83.13	ng	0.00
23) Nitrobenzene-d5	7.46	82	705003	68.52	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	221785	77.02	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1209885	65.19	ng	0.00
78) Terphenyl-d14	13.01	244	835394	52.21	ng	0.00

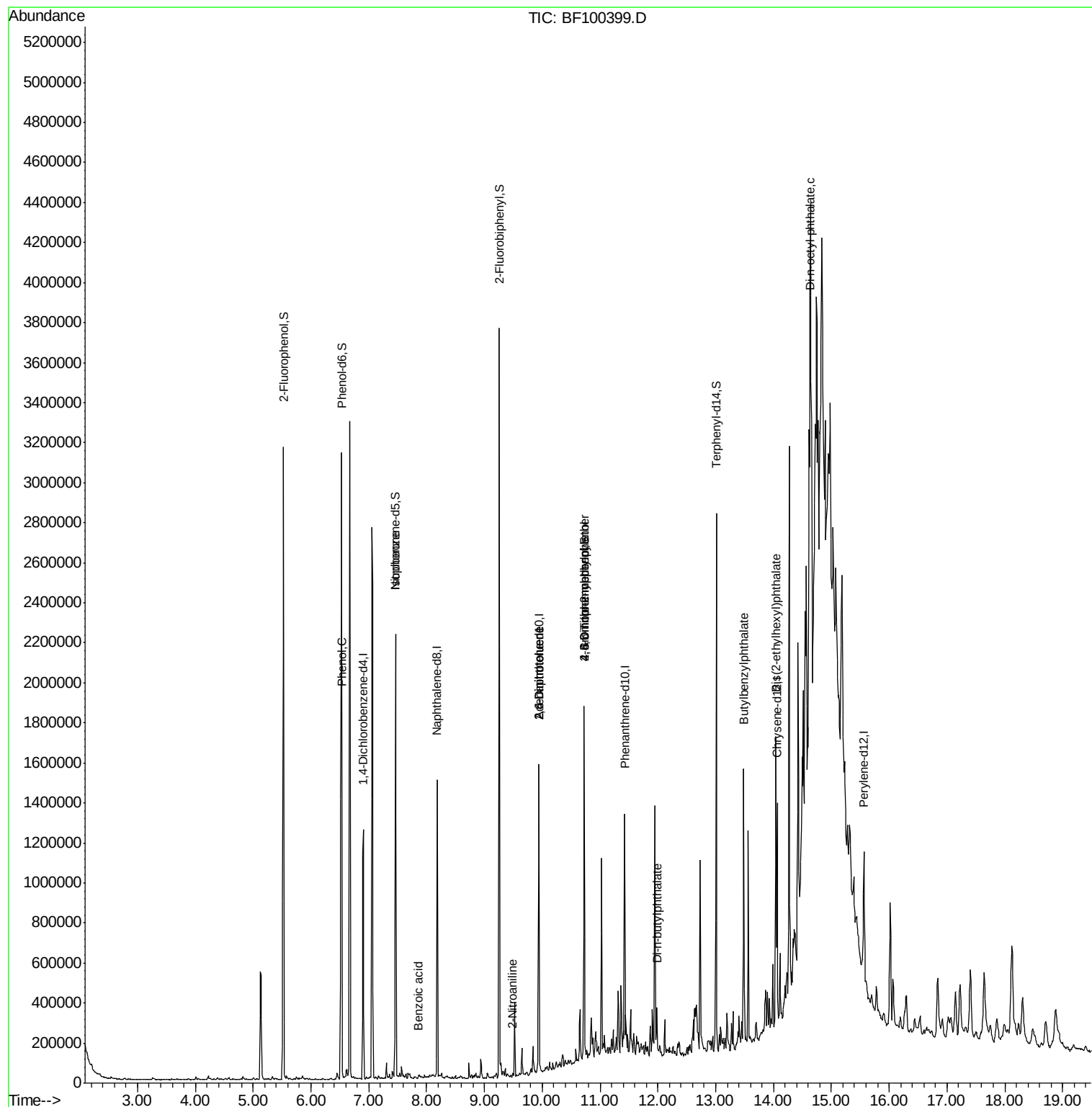
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.54	94	33104	2.300	ng	97
25) Isophorone	7.46	82	703104	32.518	ng	# 64
32) Benzoic acid	7.86	122	5845	10.004	ng	96
47) 2-Nitroaniline	9.49	65	343	2.846	ng	# 2
50) 2,6-Dinitrotoluene	9.94	165	37210	8.712	ng	# 26
56) 2,4-Dinitrotoluene	9.94	165	37210	6.906	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.73	198	379	8.711	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	13878	2.960	ng	# 1
73) Di-n-butylphthalate	11.98	149	91547	3.629	ng	99
79) Butylbenzylphthalate	13.49	149	335403	31.383	ng	# 91
83) Bis(2-ethylhexyl)phthalate	14.04	149	425465	30.269	ng	96
84) Di-n-octyl phthalate	14.64	149	1782748	73.827	ng	# 53

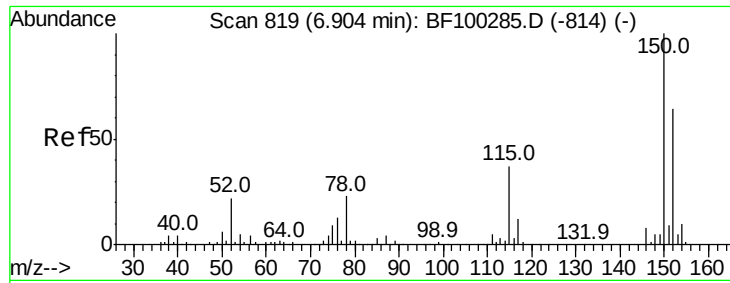
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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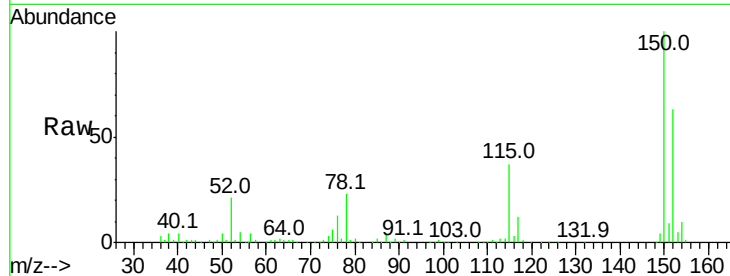


#1

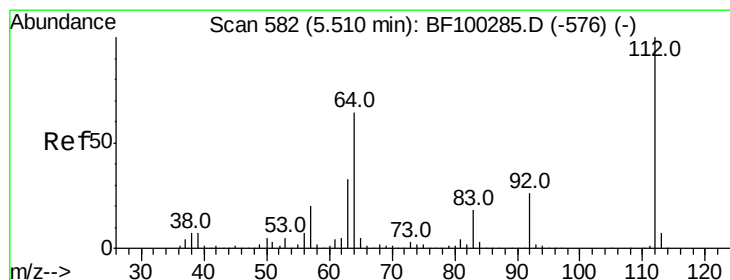
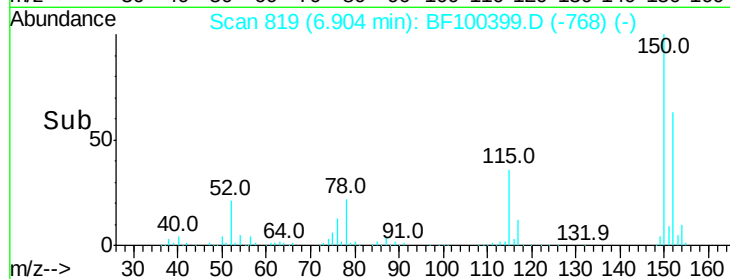
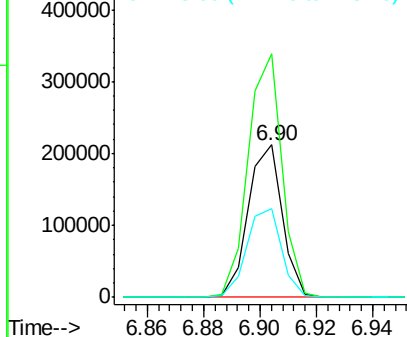
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100399.D
Acq: 10 Nov 2017 18:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 178198
Ion Ratio Lower Upper
152 100
150 159.6 124.6 186.8
115 58.4 50.1 75.1



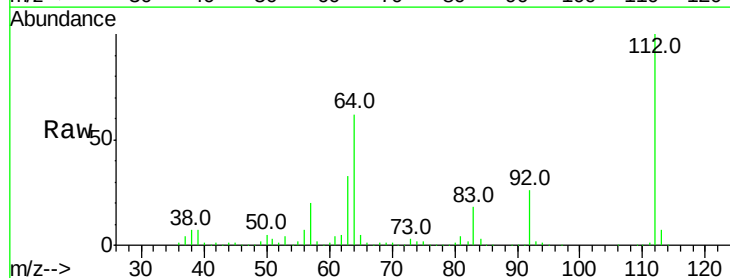
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



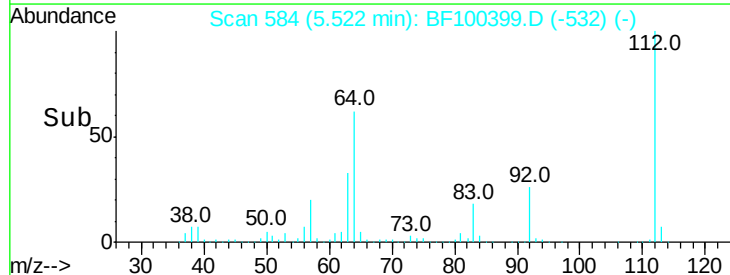
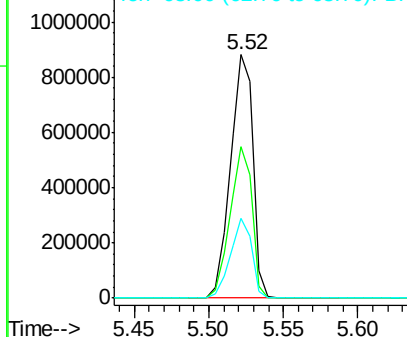
#5

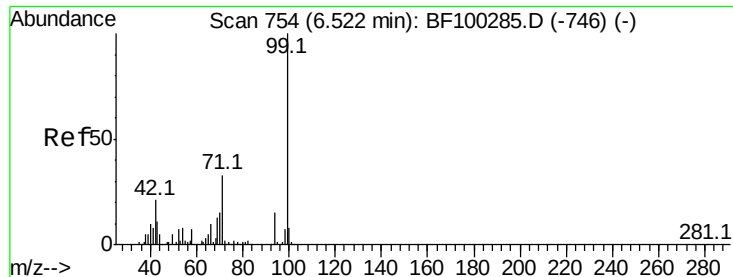
2-Fluorophenol
Concen: 84.266 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF100399.D
Acq: 10 Nov 2017 18:56

Tgt Ion:112 Resp: 936758
Ion Ratio Lower Upper
112 100
64 62.4 47.9 71.9
63 32.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 83.130 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF100399.D

Acq: 10 Nov 2017 18:56

Instrument :

BNA_F

ClientSampled :

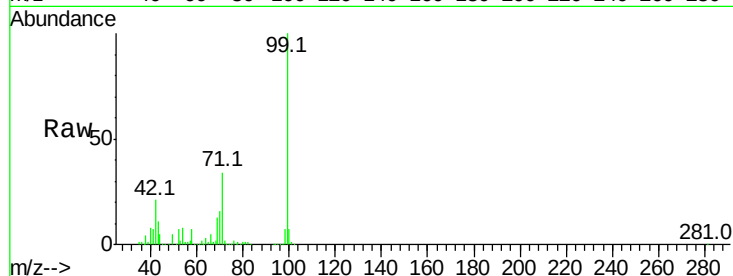
Tot Ion: 99 Resp: 1139570

Ion	Ratio	Lower	Upper
99	100		
42	21.0	14.5	21.7
71	34.0	25.4	38.0

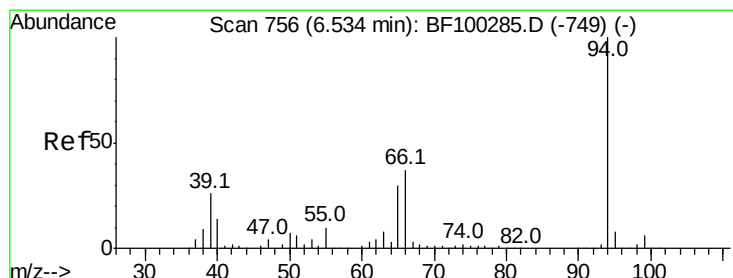
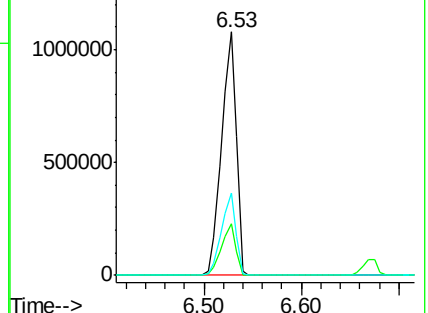
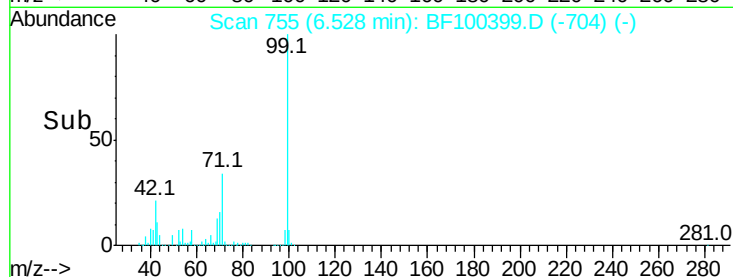
99 100

42 21.0 14.5 21.7

71 34.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.300 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF100399.D

Acq: 10 Nov 2017 18:56

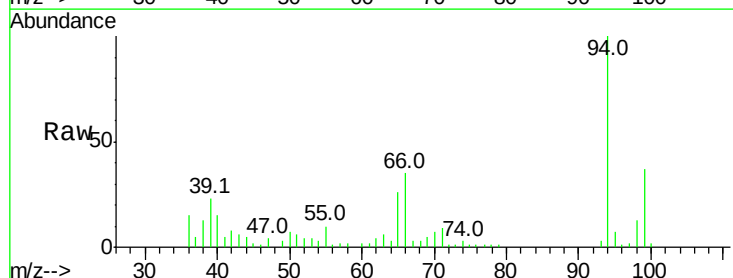
Tgt Ion: 94 Resp: 33104

Ion	Ratio	Lower	Upper
94	100		
65	26.3	7.9	47.9
66	34.5	16.2	56.2

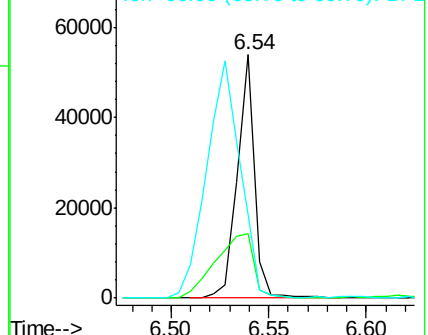
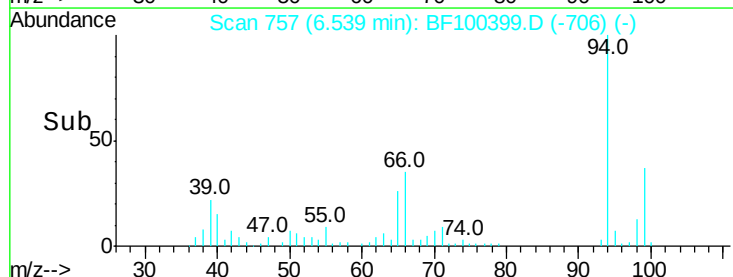
94 100

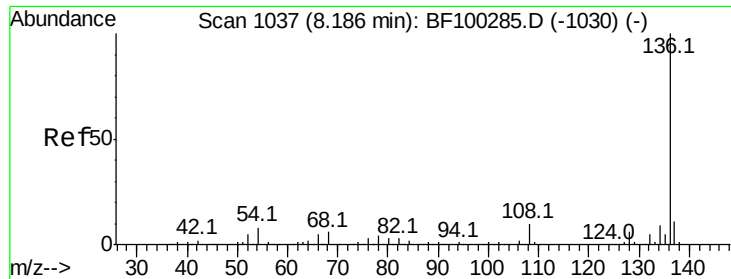
65 26.3 7.9 47.9

66 34.5 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

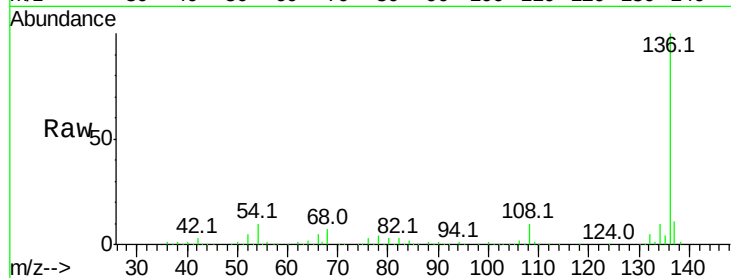




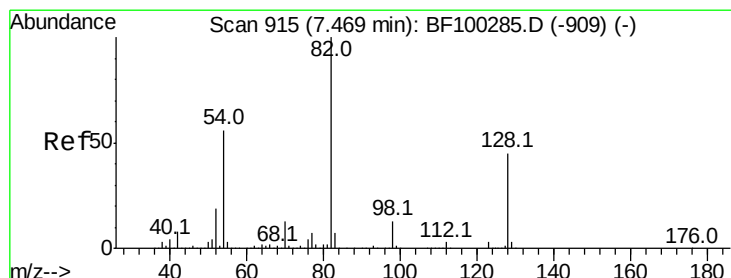
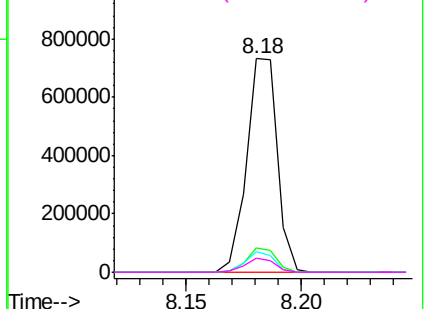
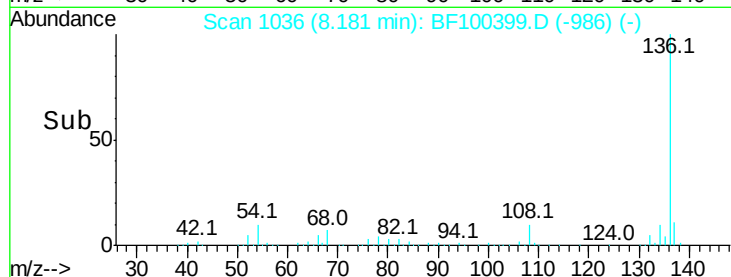
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100399.D
Acq: 10 Nov 2017 18:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp: 680252
Ion Ratio	Lower Upper
136 100	
137 11.1	8.9 13.3
54 9.7	6.6 9.8
68 6.8	5.0 7.4

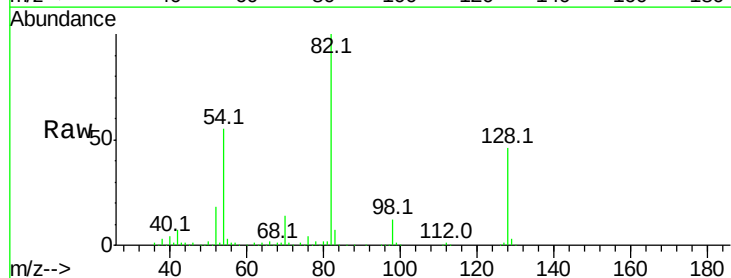


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

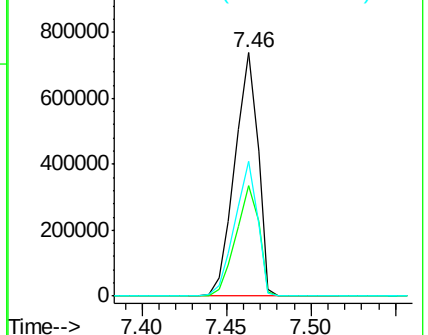
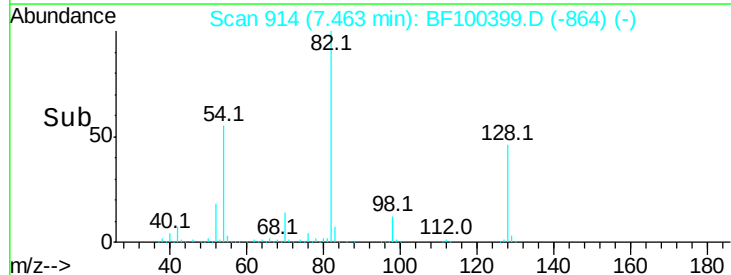


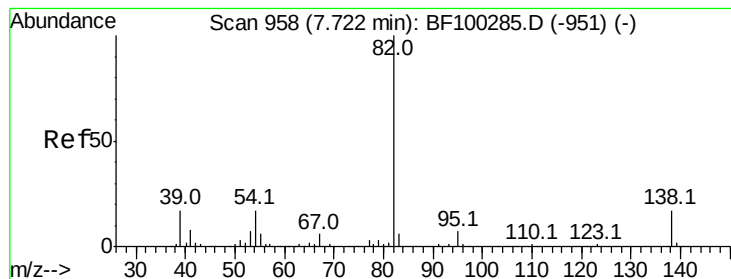
#23
Nitrobenzene-d5
Concen: 68.519 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100399.D
Acq: 10 Nov 2017 18:56

Tgt	Ion: 82	Resp:	705003
Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	55.1	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 32.518 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.26 min

Lab File: BF100399.D

Acq: 10 Nov 2017 18:56

Instrument :

BNA_F

ClientSampled :

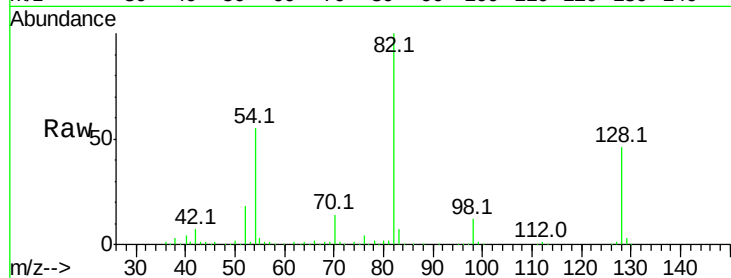
Tot Ion: 82 Resp: 703104

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

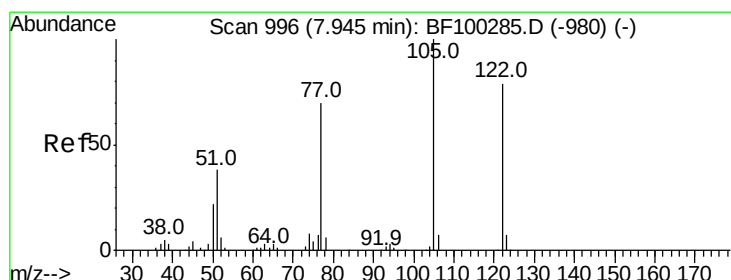
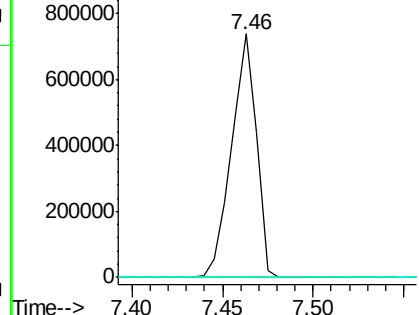
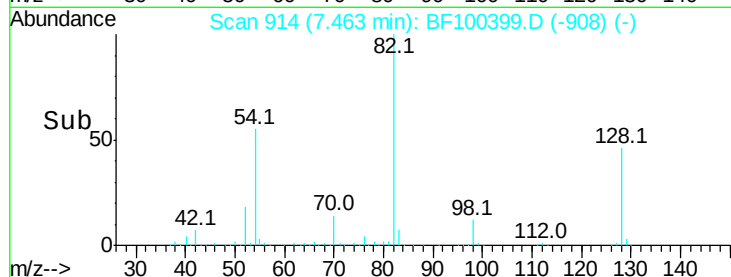
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#32

Benzoic acid

Concen: 10.004 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.09 min

Lab File: BF100399.D

Acq: 10 Nov 2017 18:56

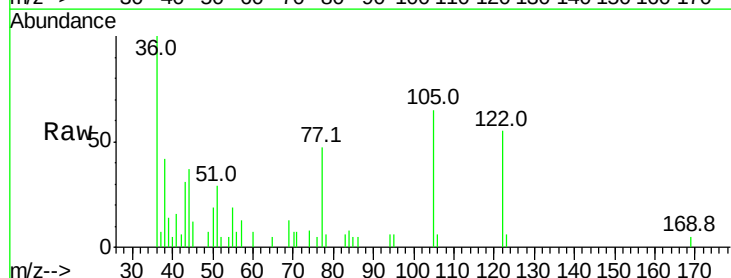
Tgt Ion: 122 Resp: 5845

Ion Ratio Lower Upper

122 100

105 119.1 101.1 141.1

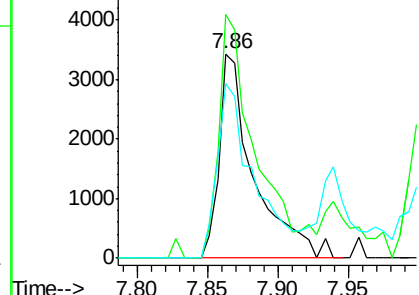
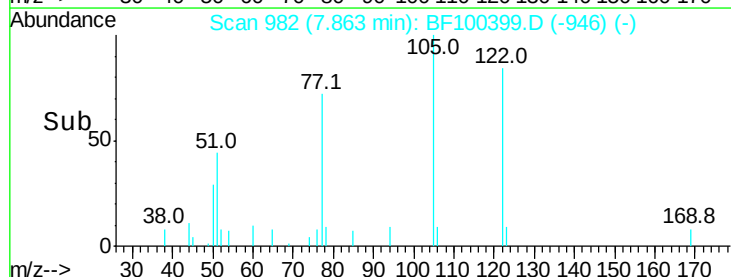
77 85.2 70.7 110.7

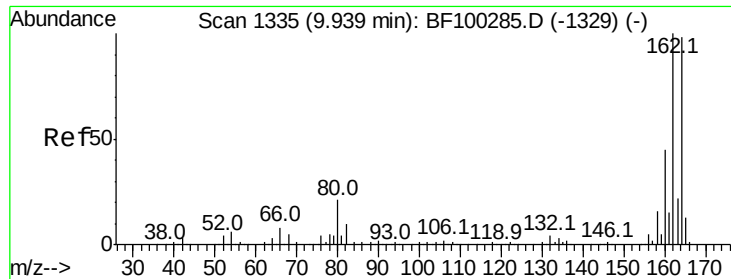


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

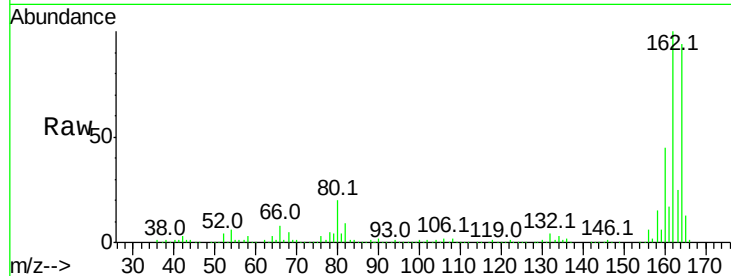




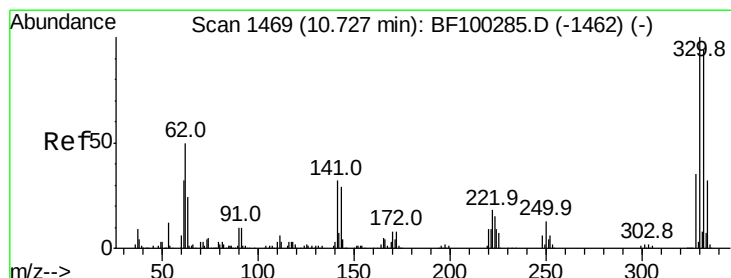
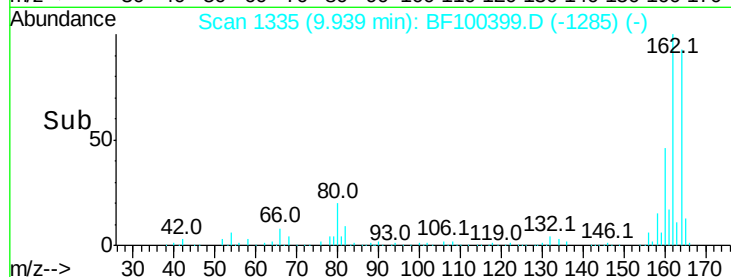
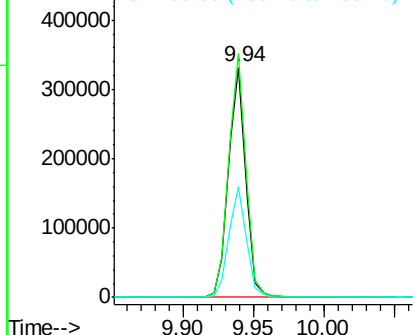
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100399.D
Acq: 10 Nov 2017 18:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 282596
Ion Ratio Lower Upper
164 100
162 105.9 86.1 129.1
160 48.2 38.3 57.5

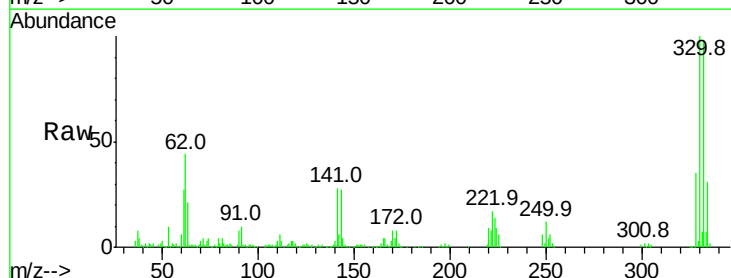


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

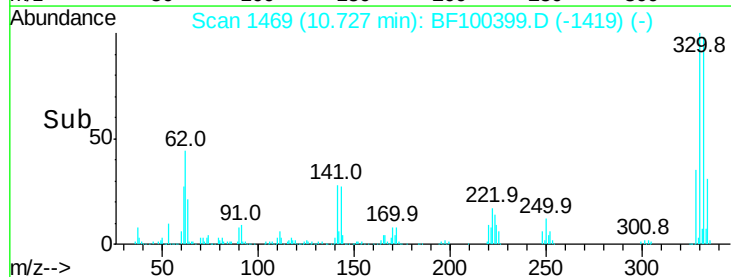
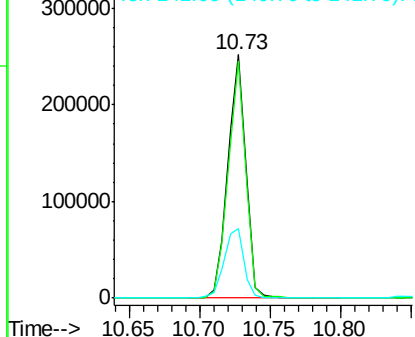


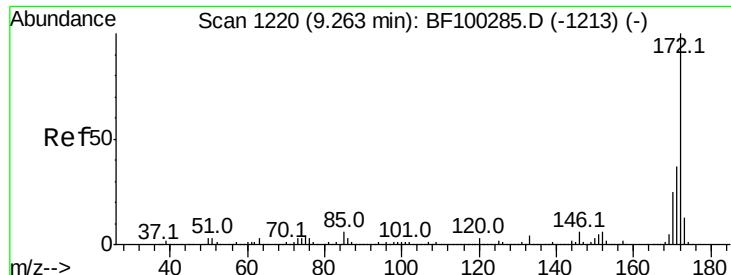
#41
2,4,6-Tribromophenol
Concen: 77.018 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF100399.D
Acq: 10 Nov 2017 18:56

Tgt Ion:330 Resp: 221785
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.6
141 31.4 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

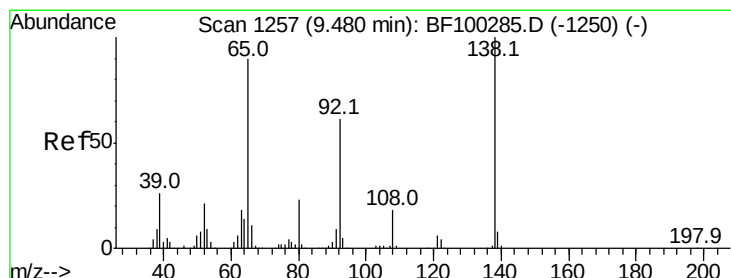
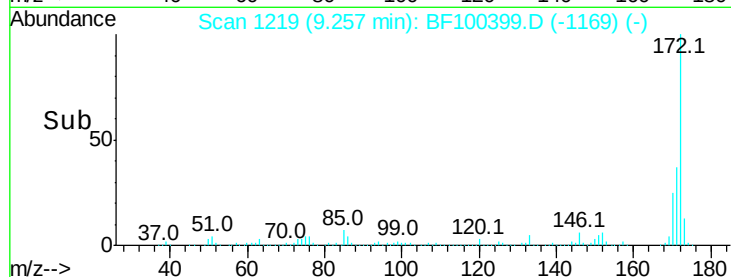
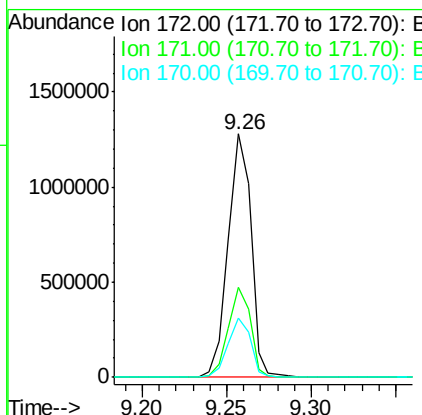
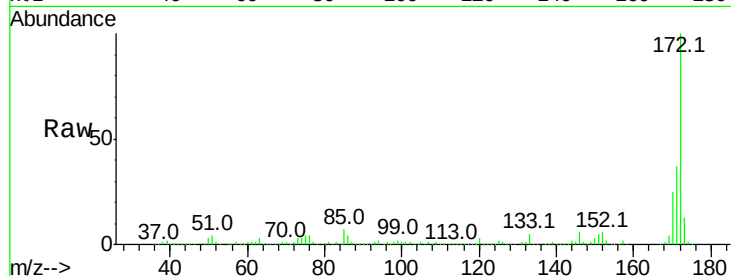




#44
 2-Fluorobiphenyl
 Concen: 65.192 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100399.D
 Acq: 10 Nov 2017 18:56

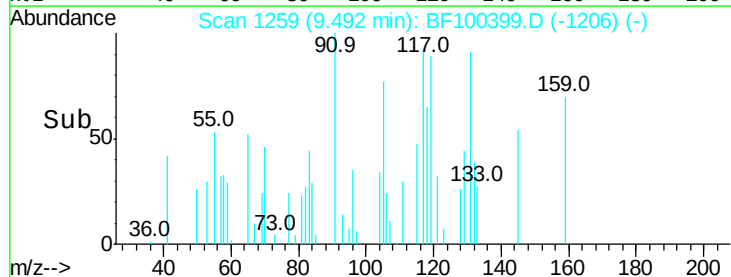
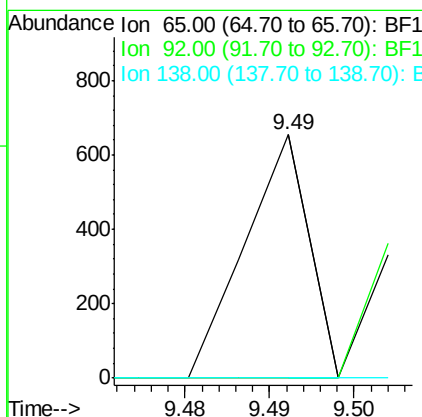
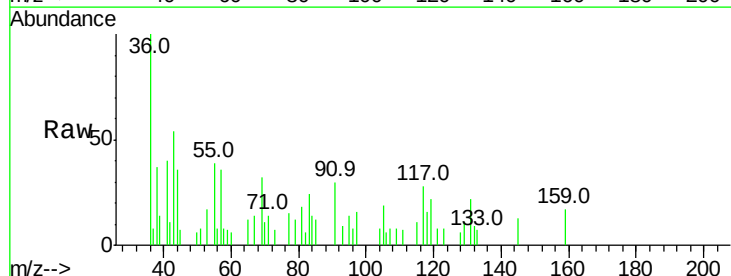
Instrument :
 BNA_F
 ClientSampleId :

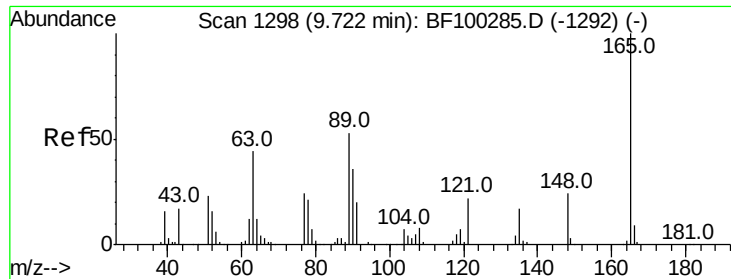
Tot Ion:172 Resp: 1209885
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 24.6 19.6 29.4



#47
 2-Nitroaniline
 Concen: 2.846 ng
 RT: 9.49 min Scan# 1259
 Delta R.T. 0.01 min
 Lab File: BF100399.D
 Acq: 10 Nov 2017 18:56

Tgt Ion: 65 Resp: 343
 Ion Ratio Lower Upper
 65 100
 92 0.0 55.8 83.6#
 138 0.0 91.2 136.8#

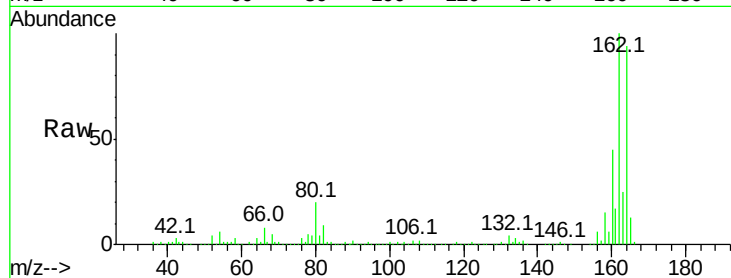




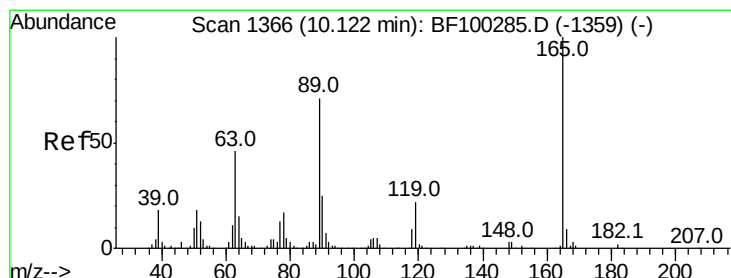
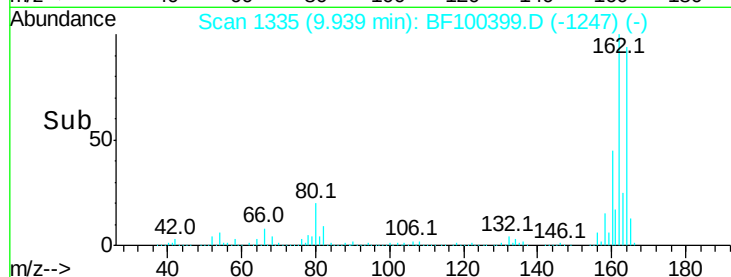
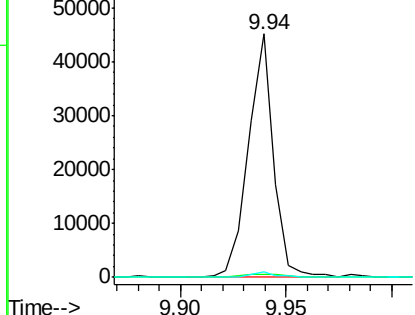
#50
 2,6-Dinitrotoluene
 Concen: 8.712 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.22 min
 Lab File: BF100399.D
 Acq: 10 Nov 2017 18:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 37210
 Ion Ratio Lower Upper
 165 100
 63 1.0 44.7 67.1#
 89 2.5 44.0 66.0#

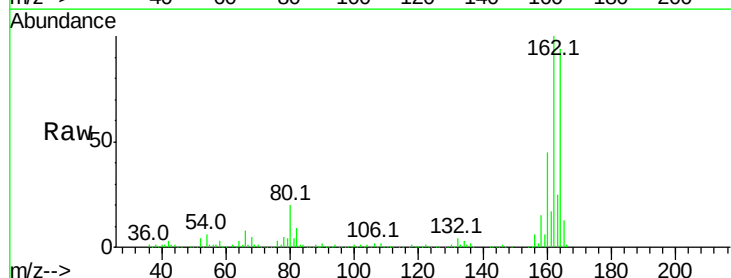


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

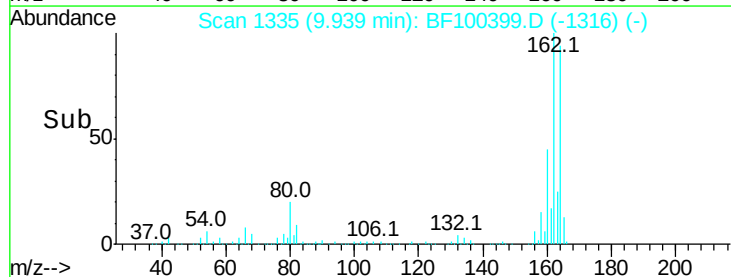
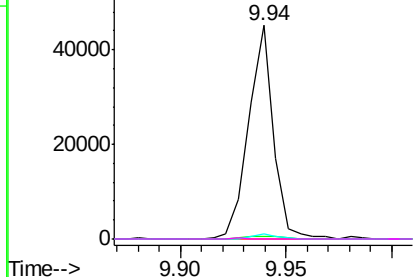


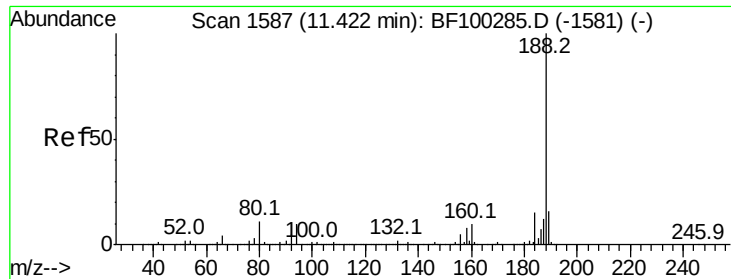
#56
 2,4-Dinitrotoluene
 Concen: 6.906 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.19 min
 Lab File: BF100399.D
 Acq: 10 Nov 2017 18:56

Tgt Ion:165 Resp: 37210
 Ion Ratio Lower Upper
 165 100
 63 1.0 36.4 54.6#
 89 2.5 57.8 86.6#
 182 0.0 1.6 2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

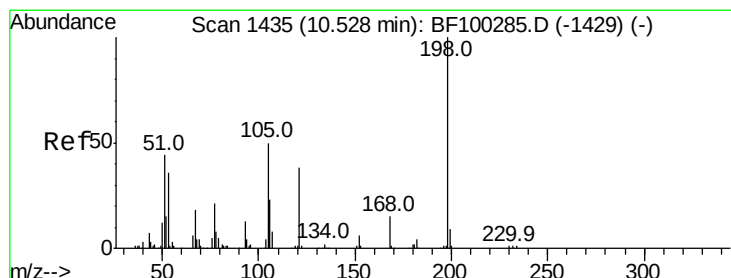
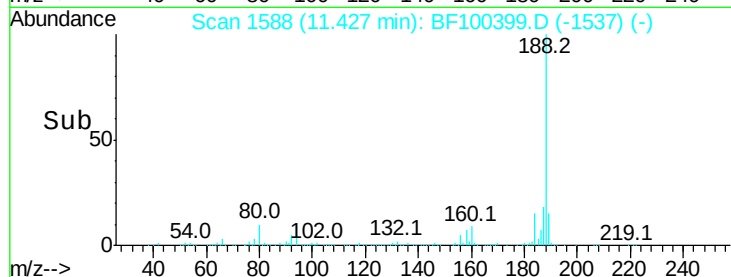
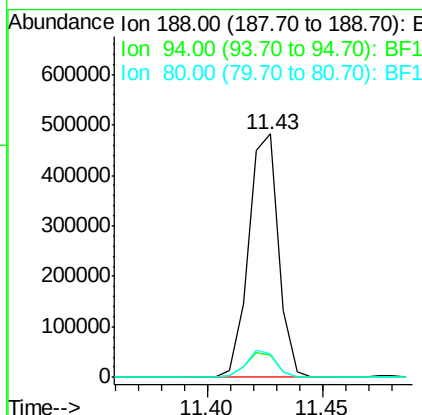
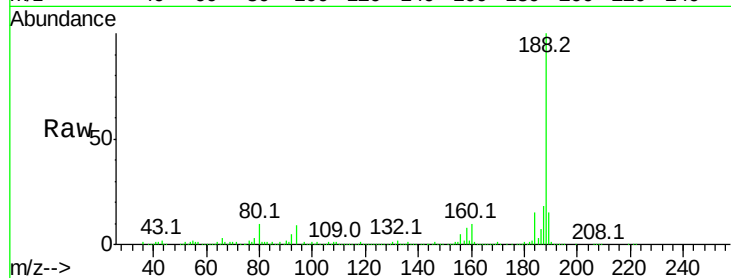




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF100399.D
Acq: 10 Nov 2017 18:56

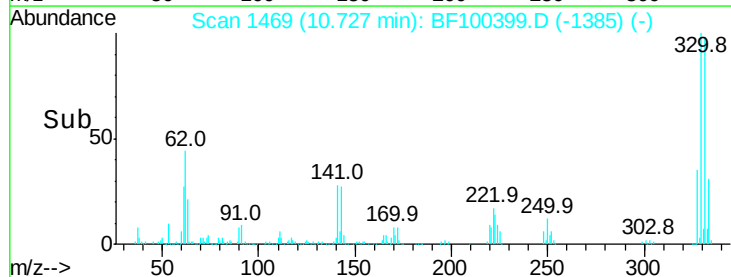
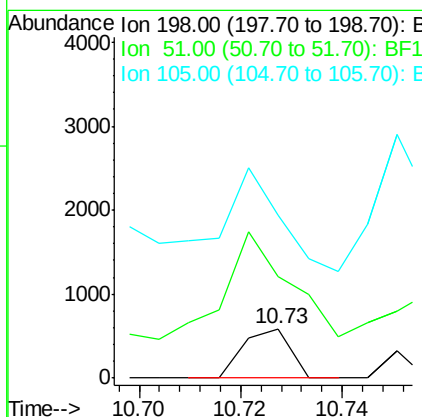
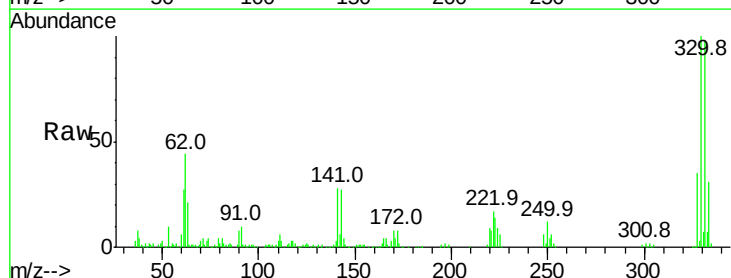
Instrument :
BNA_F
ClientSampleId :

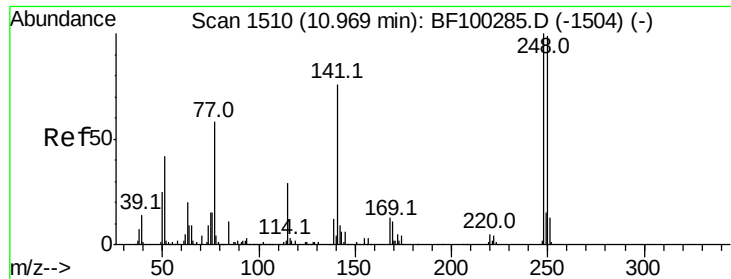
Tot Ion:188 Resp: 437379
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 9.7 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.711 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.19 min
Lab File: BF100399.D
Acq: 10 Nov 2017 18:56

Tgt Ion:198 Resp: 379
Ion Ratio Lower Upper
198 100
51 203.9 37.7 77.7#
105 328.9 36.3 76.3#

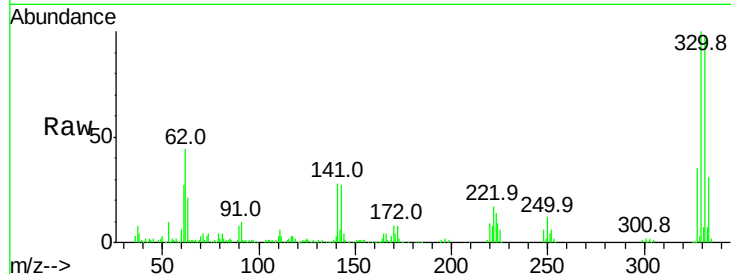




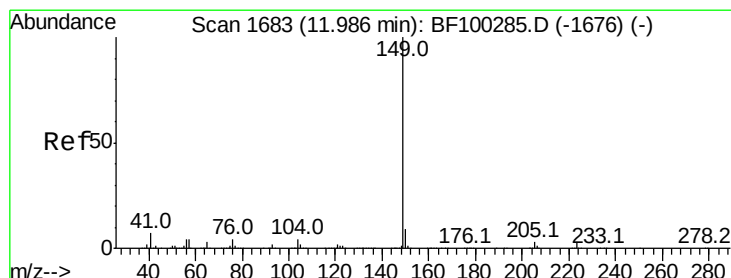
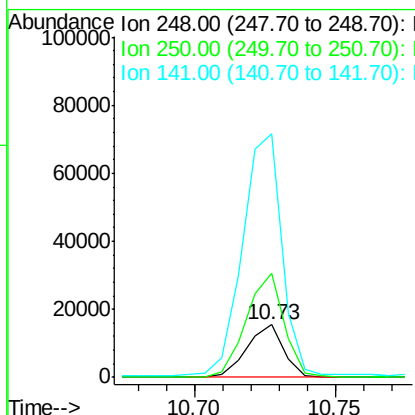
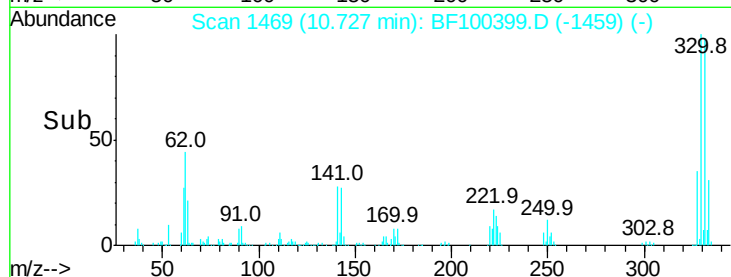
#66
 4-Bromophenyl-phenylether
 Concen: 2.960 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.24 min
 Lab File: BF100399.D
 Acq: 10 Nov 2017 18:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 13878
 Ion Ratio Lower Upper
 248 100
 250 196.3 76.9 115.3#
 141 461.7 74.4 111.6#

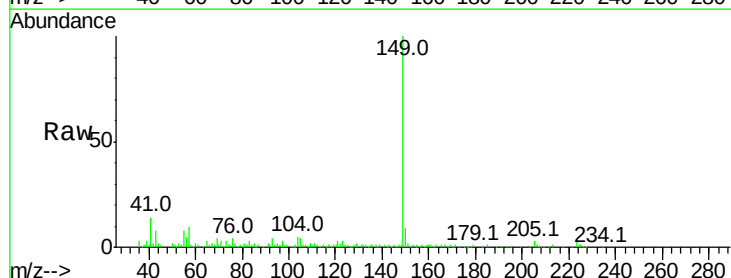


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

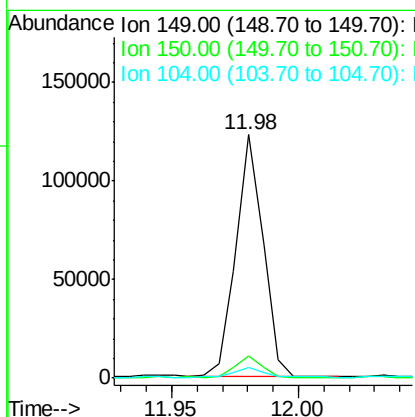
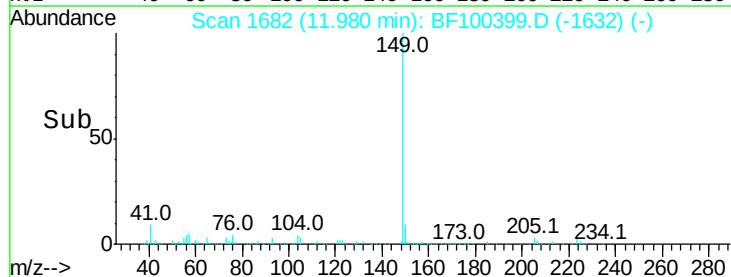


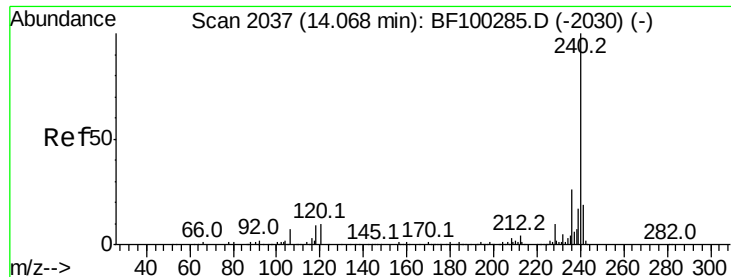
#73
 Di-n-butylphthalate
 Concen: 3.629 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BF100399.D
 Acq: 10 Nov 2017 18:56

Tgt Ion:149 Resp: 91547
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.8 11.6
 104 4.6 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100399.D

Acq: 10 Nov 2017 18:56

Instrument :

BNA_F

ClientSampled :

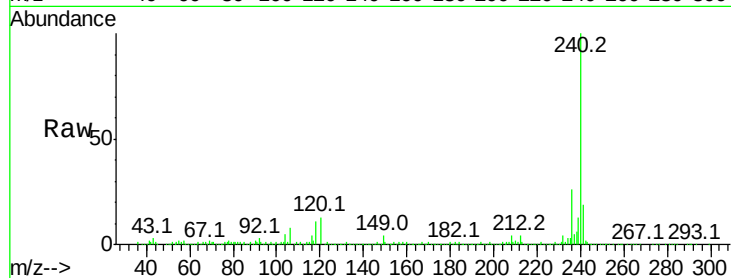
Tot Ion:240 Resp: 367631

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

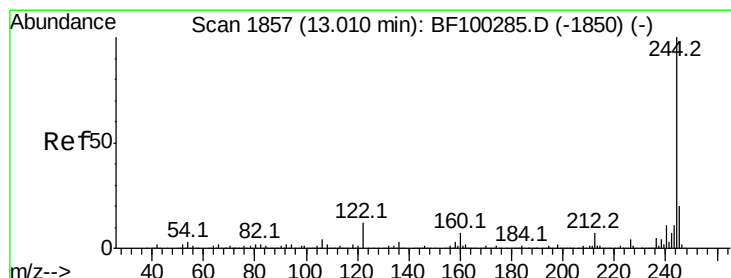
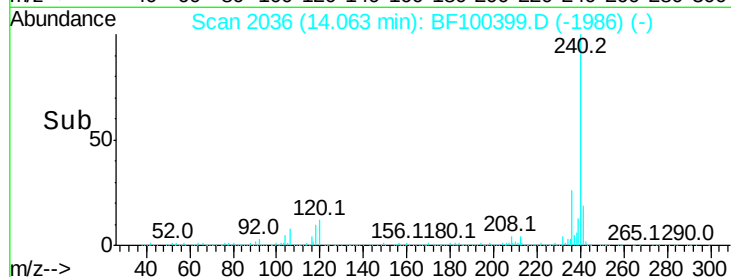
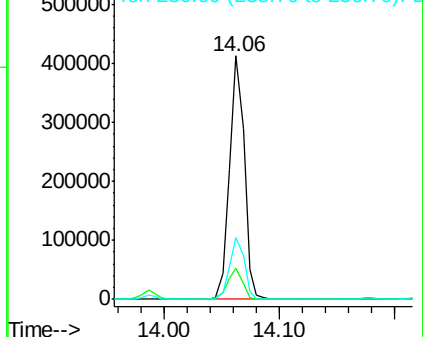
236 25.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 52.212 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100399.D

Acq: 10 Nov 2017 18:56

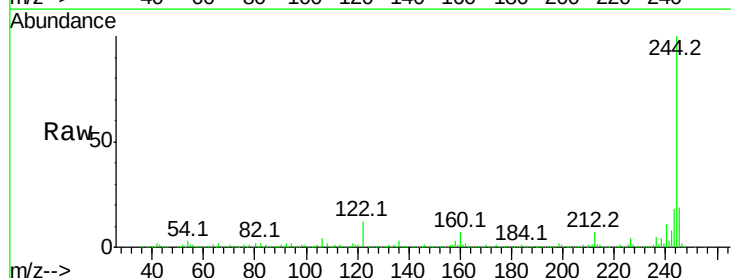
Tgt Ion:244 Resp: 835394

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

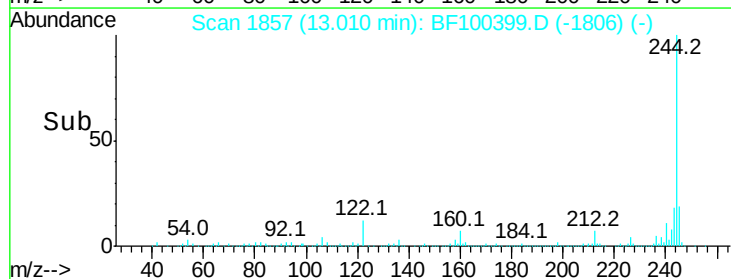
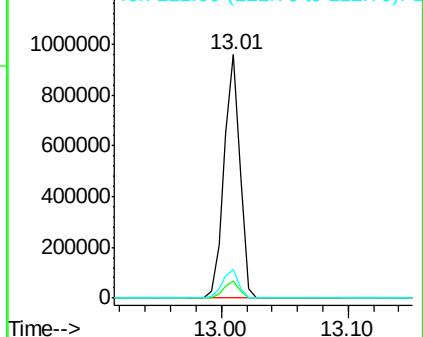
122 11.6 11.0 16.4

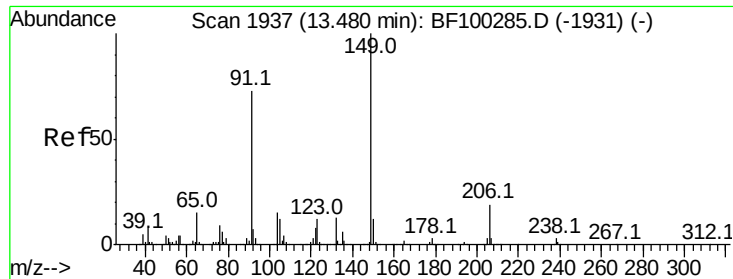


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

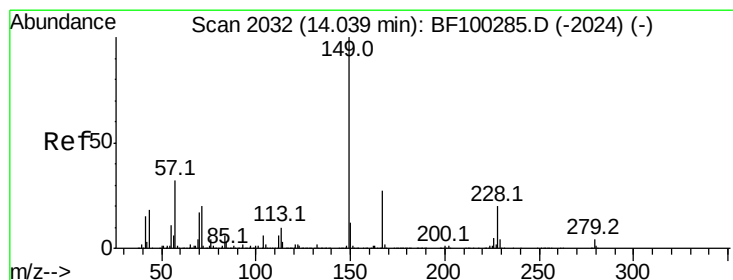
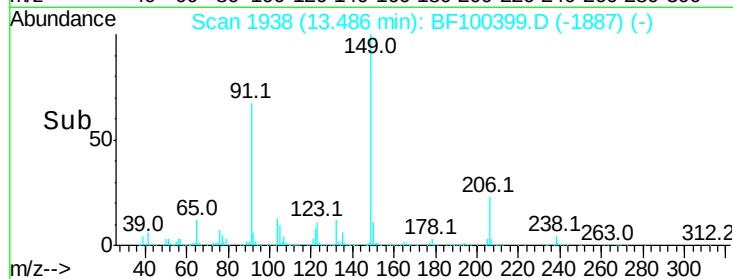
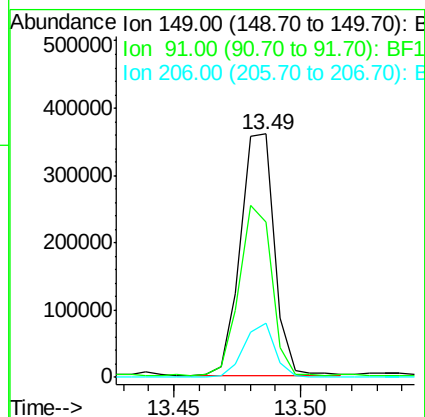
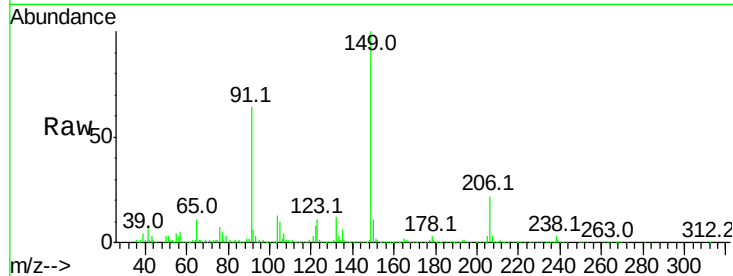




#79
 Butylbenzylphthalate
 Concen: 31.383 ng
 RT: 13.49 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: BF100399.D
 Acq: 10 Nov 2017 18:56

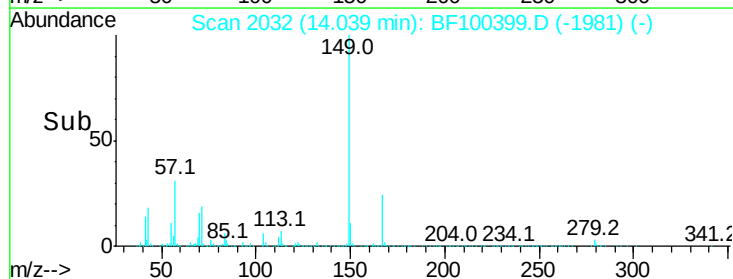
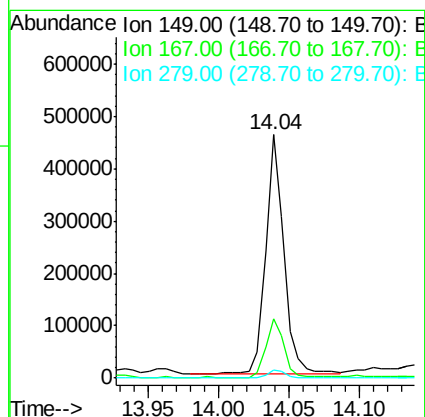
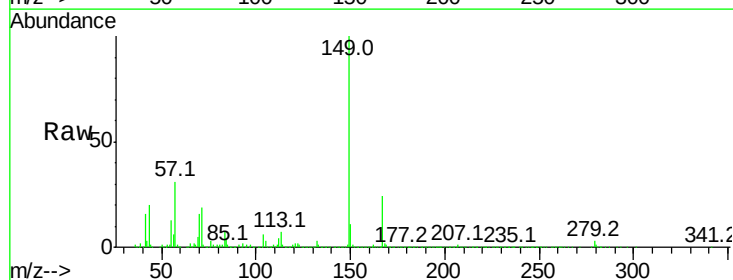
Instrument :
 BNA_F
 ClientSampled :

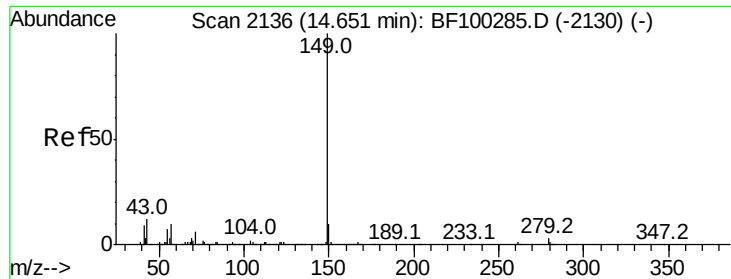
Tot Ion:	149	Resp:	335403
Ion	Ratio	Lower	Upper
149	100		
91	63.8	56.8	85.2
206	22.3	14.1	21.1#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 30.269 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BF100399.D
 Acq: 10 Nov 2017 18:56

Tgt Ion:	149	Resp:	425465
Ion	Ratio	Lower	Upper
149	100		
167	24.1	21.3	31.9
279	3.3	3.0	4.4

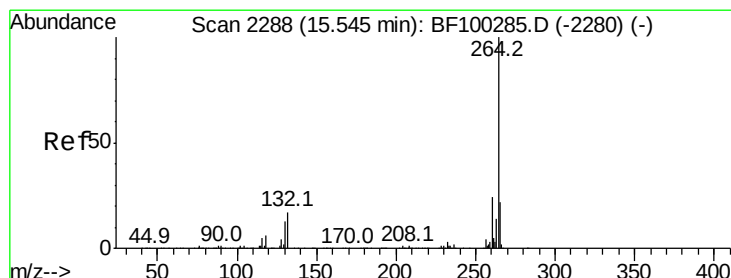
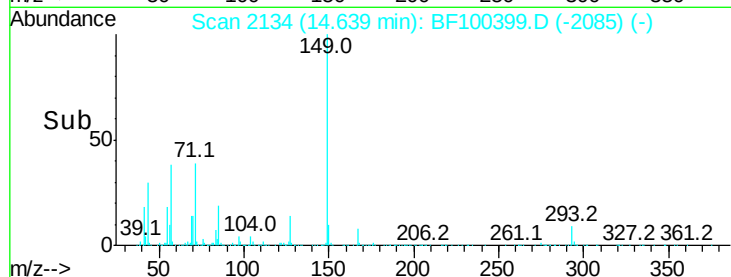
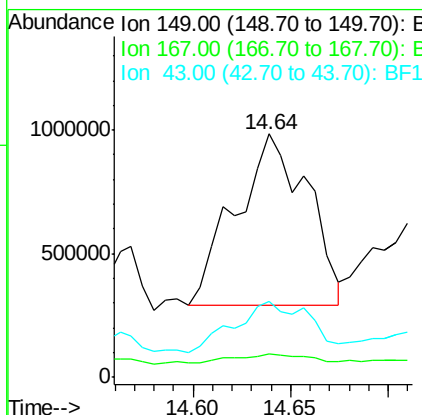
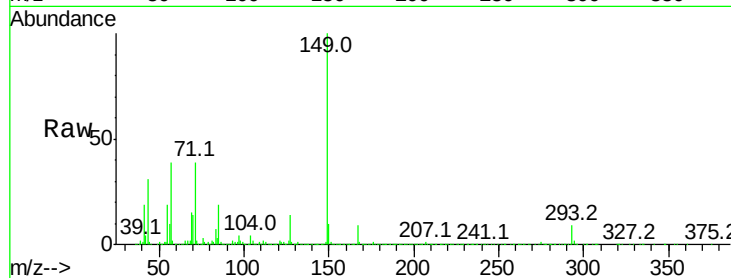




#84
Di-n-octyl phthalate
Concen: 73.827 ng
RT: 14.64 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BF100399.D
Acq: 10 Nov 2017 18:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1782748
Ion Ratio Lower Upper
149 100
167 5.6 1.2 1.8#
43 30.1 8.4 12.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.02 min
Lab File: BF100399.D
Acq: 10 Nov 2017 18:56

Tgt Ion:264 Resp: 272235
Ion Ratio Lower Upper
264 100
260 24.6 19.2 28.8
265 22.2 17.5 26.3

