

Data Path : Z:\HPCHEM1\BNA F\Data\BF021417\
 Data File : BF092939.D
 Acq On : 14 Feb 2017 13:04
 Operator : SJ/MA
 Sample : I1788-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 13:39:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

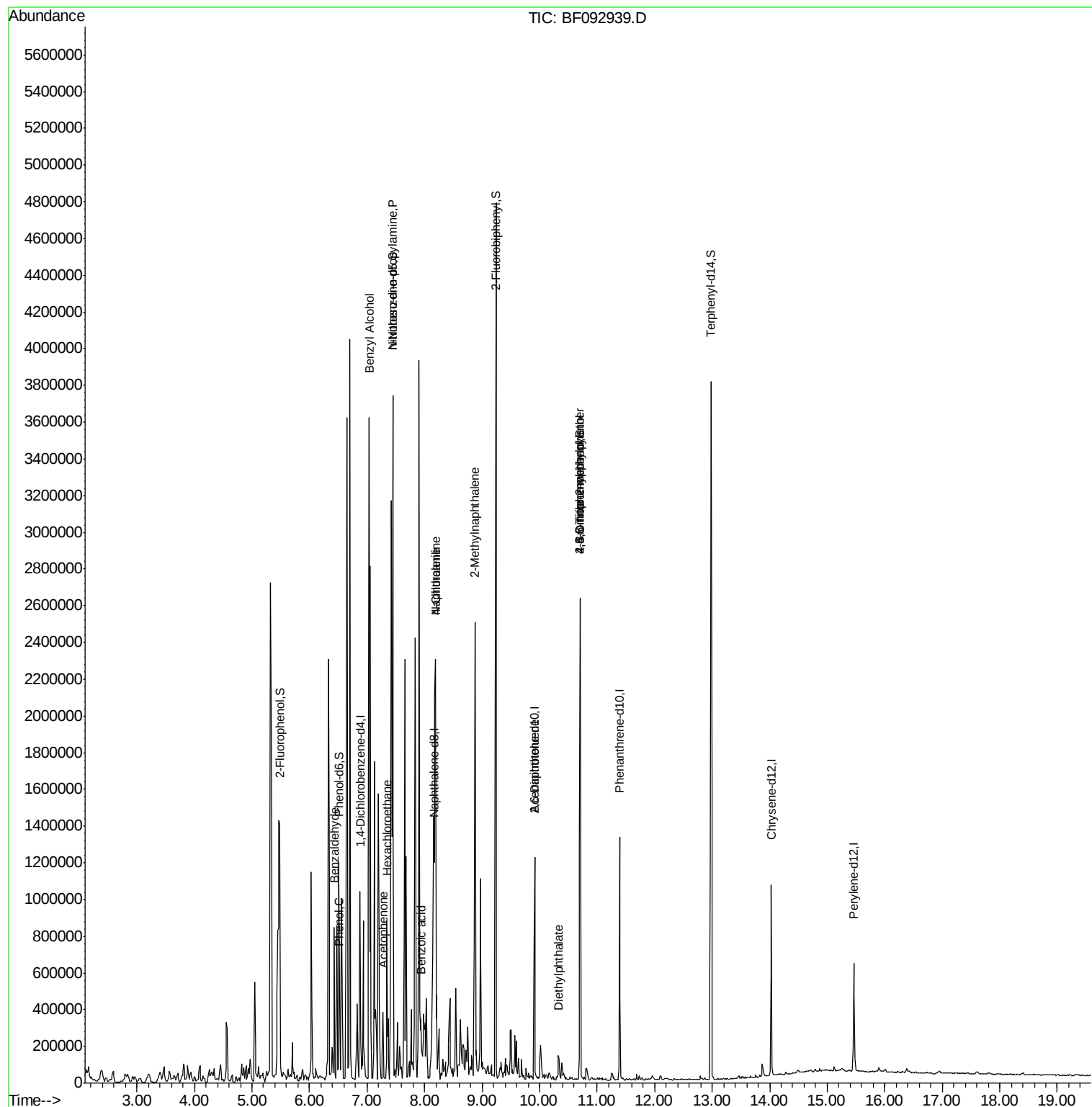
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	142752	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	563640	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	328317	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	495524	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	414201	20.00	ng	-0.02
86) Perylene-d12	15.46	264	282046	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	570028	68.51	ng	0.00
7) Phenol-d6	6.51	99	417551	39.00	ng	-0.02
23) Nitrobenzene-d5	7.45	82	855171	84.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	317459	133.69	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1796837	99.15	ng	0.00
78) Terphenyl-d14	12.98	244	1496442	84.89	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.43	77	34281	4.47	ng	# 1
10) Phenol	6.52	94	25444	2.03	ng	# 88
15) Benzyl Alcohol	7.04	79	19832	2.50	ng	# 35
18) Hexachloroethane	7.34	117	34888	9.39	ng	# 1
19) n-Nitroso-di-n-propylamine	7.45	70	115478	16.94	ng	# 82
22) Acetophenone	7.28	105	152506	11.85	ng	# 54
31) Naphthalene	8.19	128	1235425	43.24	ng	# 99
32) Benzoic acid	7.94	122	4073	7.87	ng	# 1
33) 4-Chloroaniline	8.19	127	184434	16.46	ng	# 35
37) 2-Methylnaphthalene	8.88	142	678697	37.00	ng	# 97
50) 2,6-Dinitrotoluene	9.92	165	42992	9.00	ng	# 32
59) Diethylphthalate	10.33	149	44039	2.11	ng	# 99
64) 4,6-Dinitro-2-methylphenol	10.70	198	898	2.95	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	24829	4.80	ng	# 1

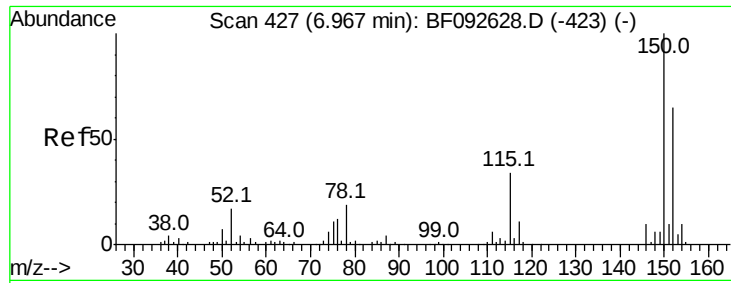
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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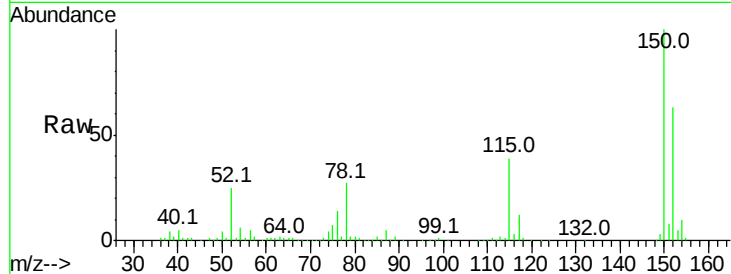


#1

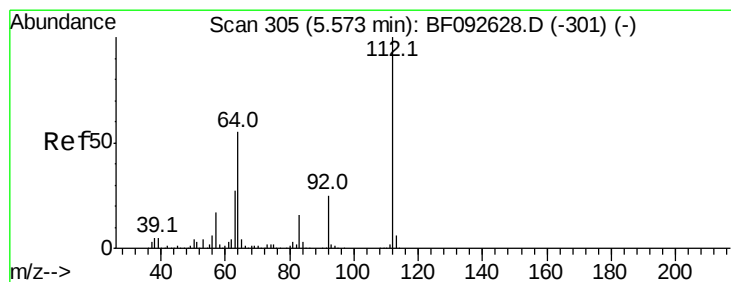
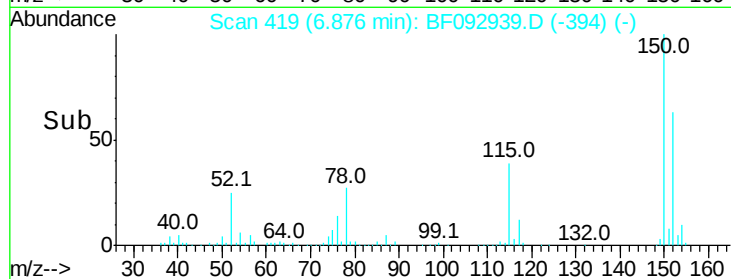
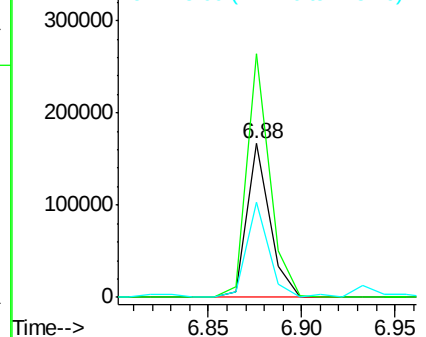
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF092939.D
Acq: 14 Feb 2017 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 142752
Ion Ratio Lower Upper
152 100
150 158.5 124.9 187.3
115 62.1 46.0 69.0



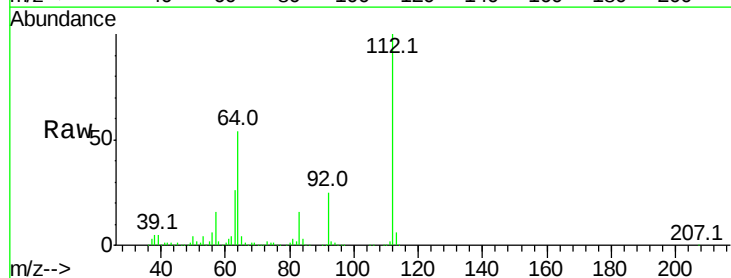
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



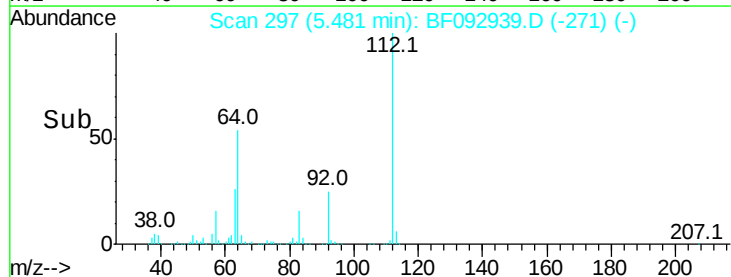
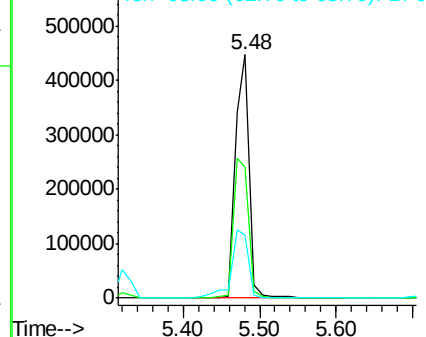
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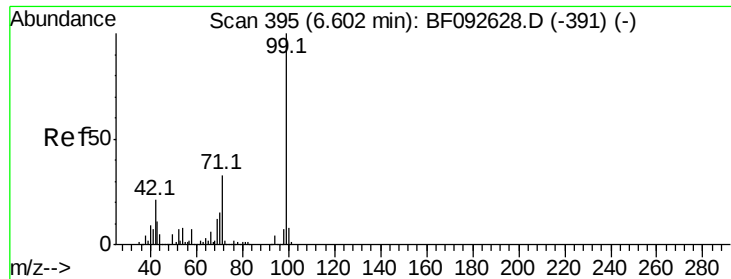
2-Fluorophenol
Concen: 68.51 ng
RT: 5.48 min Scan# 297
Delta R.T. 0.00 min
Lab File: BF092939.D
Acq: 14 Feb 2017 13:04

Tgt Ion:112 Resp: 570028
Ion Ratio Lower Upper
112 100
64 53.7 46.1 69.1
63 26.0 23.8 35.6



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





#7

Phenol-d6

Concen: 39.00 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF092939.D

Acq: 14 Feb 2017 13:04

Instrument :

BNA_F

ClientSampleId :

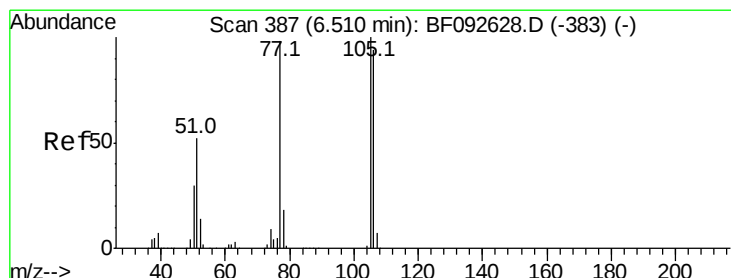
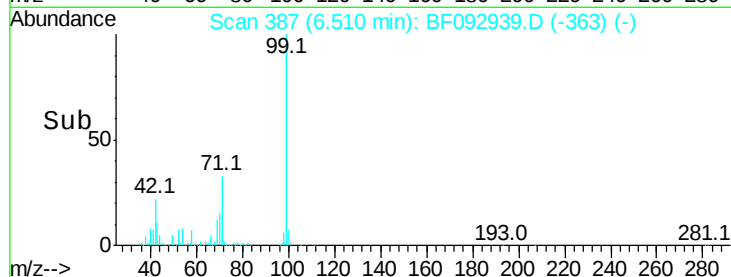
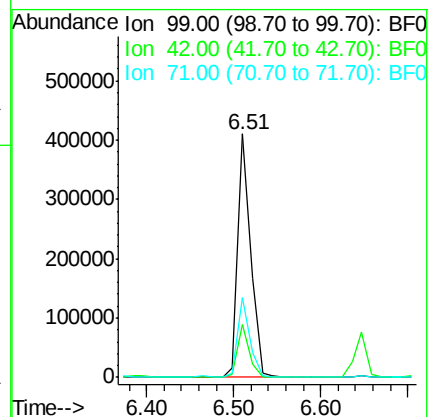
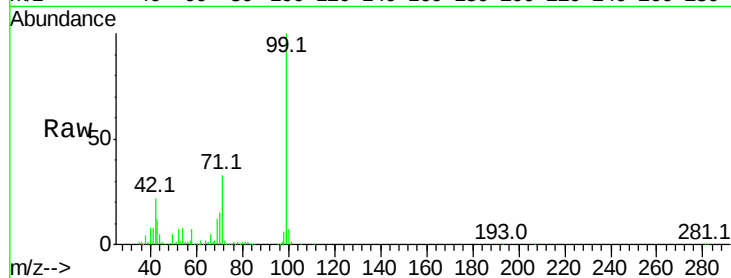
Tot Ion: 99 Resp: 417551

Ion Ratio Lower Upper

99 100

42 21.9 15.6 23.4

71 33.0 27.5 41.3



#9

Benzaldehyde

Concen: 4.47 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF092939.D

Acq: 14 Feb 2017 13:04

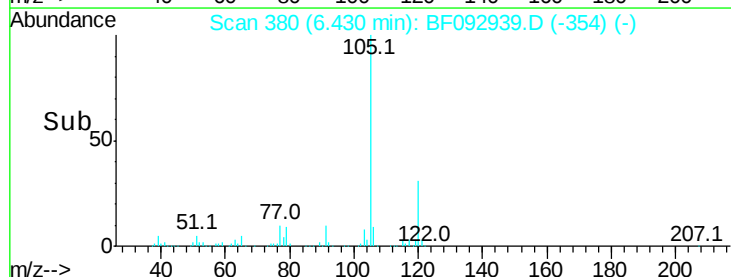
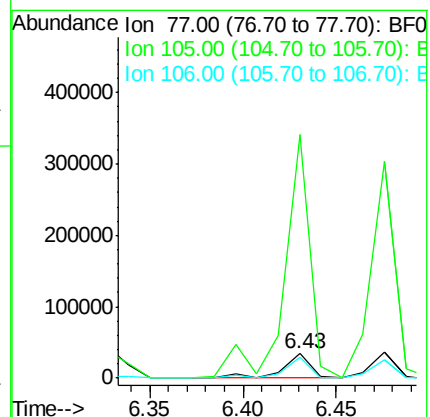
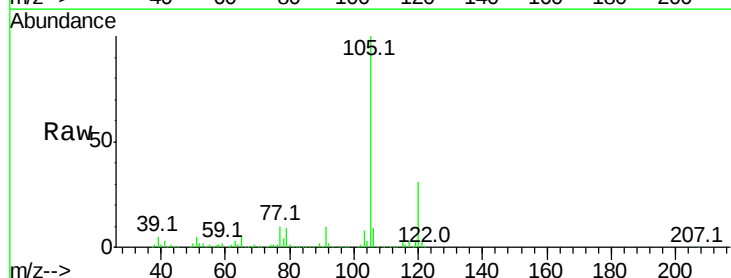
Tgt Ion: 77 Resp: 34281

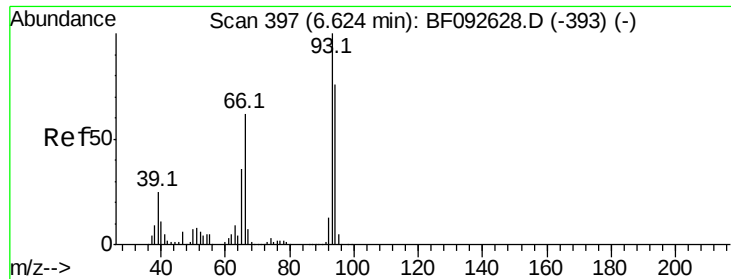
Ion Ratio Lower Upper

77 100

105 987.9 83.9 123.9#

106 85.9 77.6 117.6





#10

Phenol

Concen: 2.03 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF092939.D

Acq: 14 Feb 2017 13:04

Instrument :

BNA_F

ClientSampled :

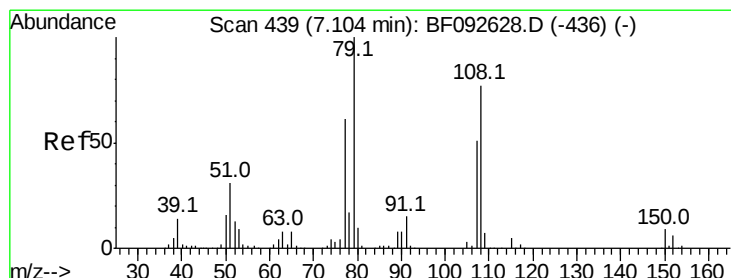
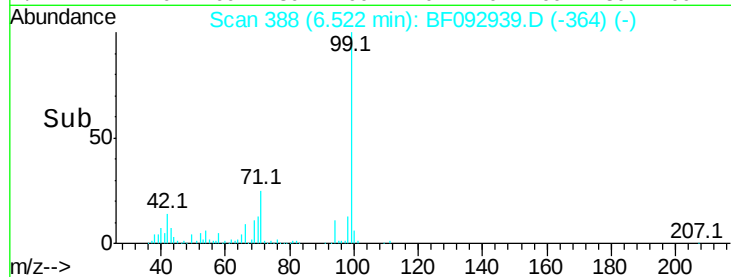
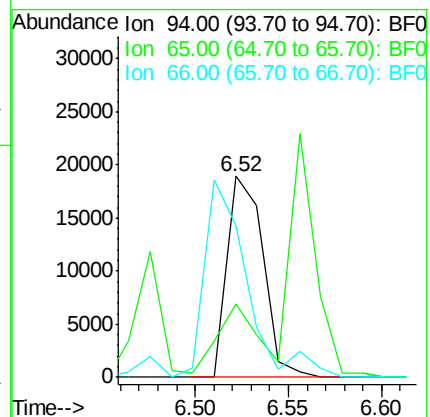
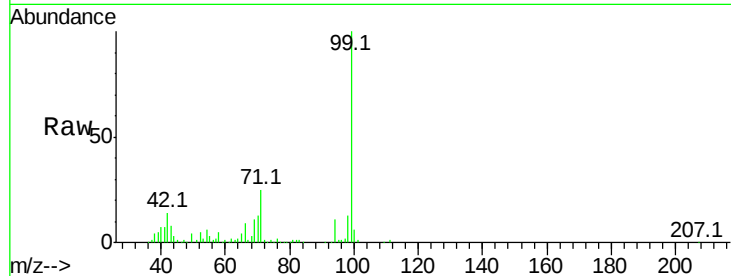
Tot Ion: 94 Resp: 25444

Ion Ratio Lower Upper

94 100

65 36.2 21.4 61.4

66 75.2 44.0 84.0



#15

Benzyl Alcohol

Concen: 2.50 ng

RT: 7.04 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF092939.D

Acq: 14 Feb 2017 13:04

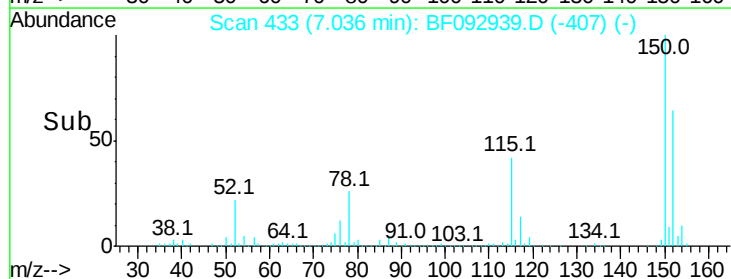
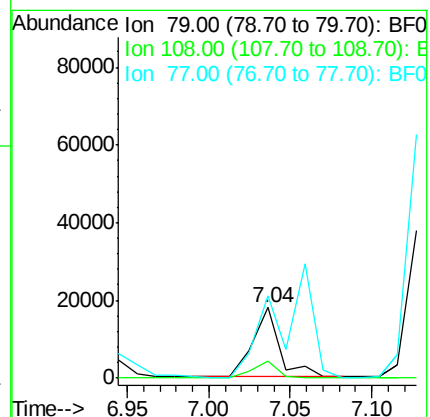
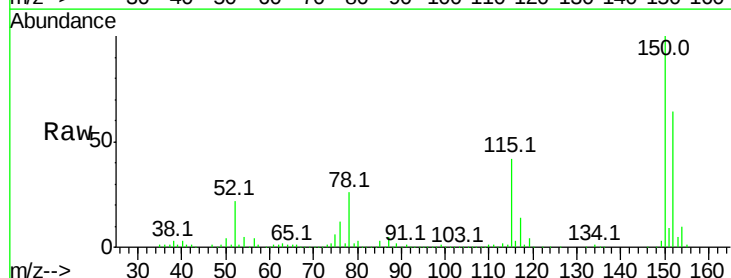
Tgt Ion: 79 Resp: 19832

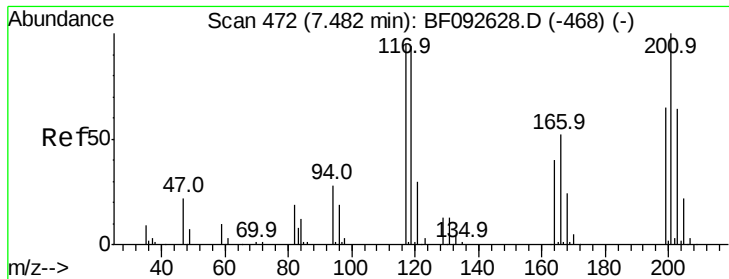
Ion Ratio Lower Upper

79 100

108 24.0 61.4 92.0#

77 117.2 50.9 76.3#

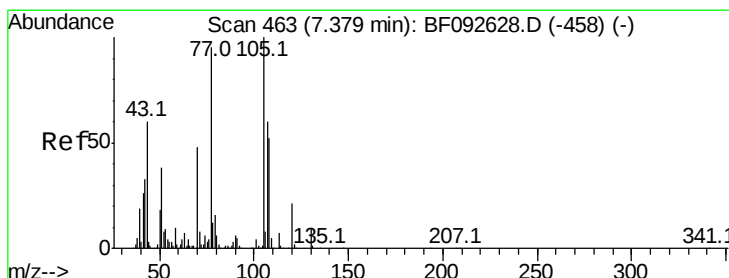
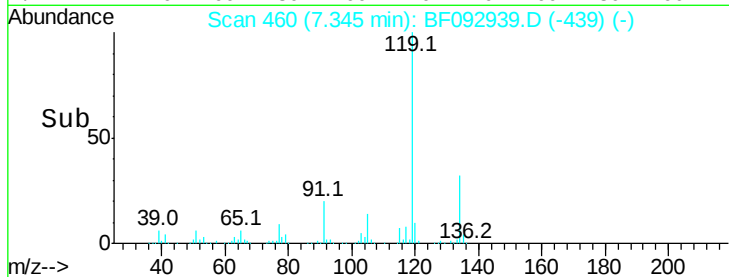
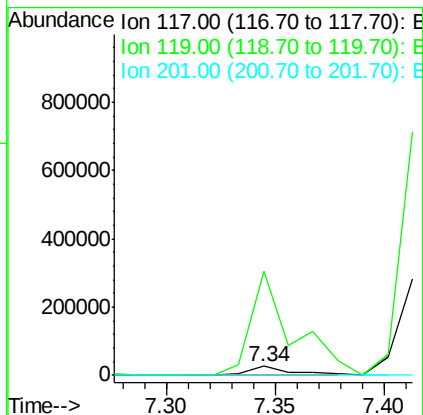
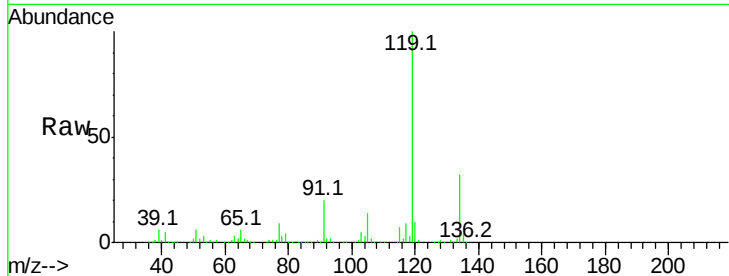




#18
Hexachloroethane
Concen: 9.39 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.06 min
Lab File: BF092939.D
Acq: 14 Feb 2017 13:04

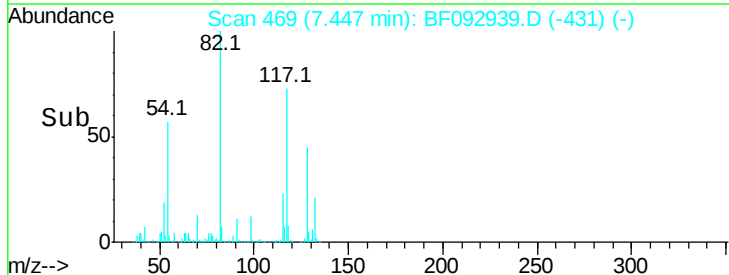
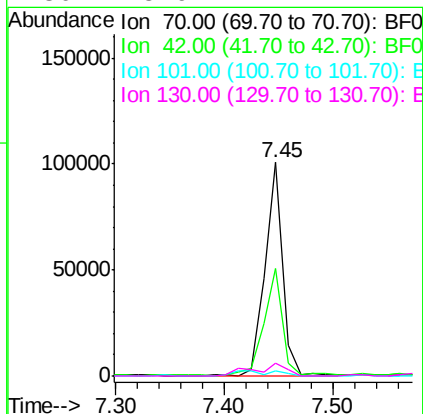
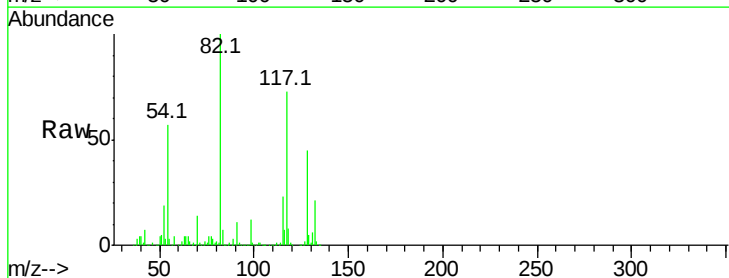
Instrument :
BNA_F
ClientSampled :

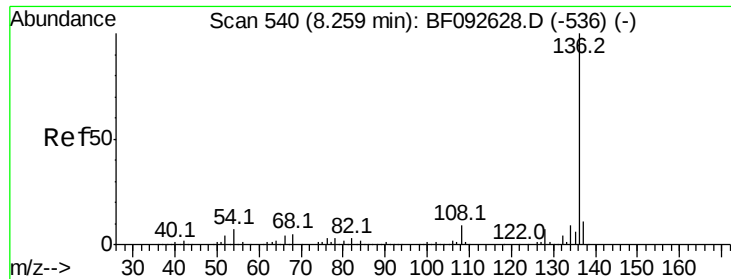
Tot Ion:117 Resp: 34888
Ion Ratio Lower Upper
117 100
119 1163.3 78.1 117.1#
201 0.0 78.6 117.8#



#19
n-Nitroso-di-n-propylamine
Concen: 16.94 ng
RT: 7.45 min Scan# 469
Delta R.T. 0.14 min
Lab File: BF092939.D
Acq: 14 Feb 2017 13:04

Tgt Ion: 70 Resp: 115478
Ion Ratio Lower Upper
70 100
42 50.2 49.4 74.0
101 2.1 7.4 11.2#
130 5.9 14.2 21.4#

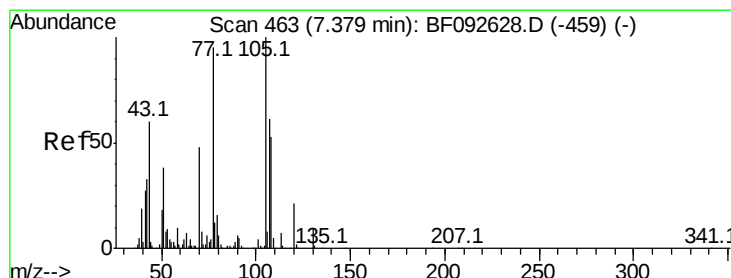
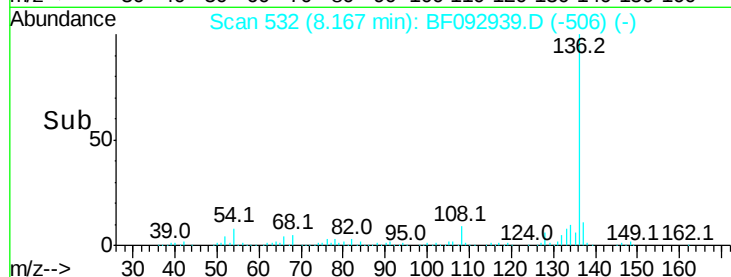
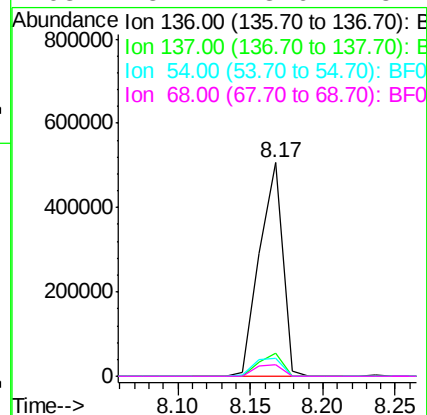
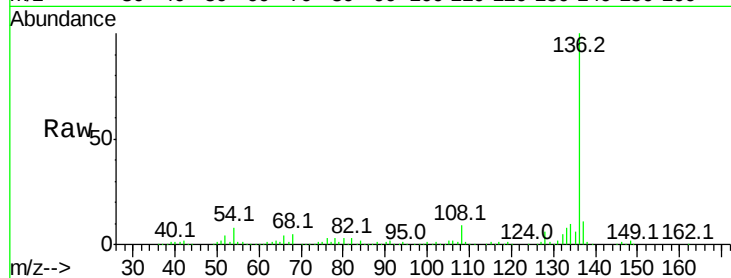




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF092939.D
Acq: 14 Feb 2017 13:04

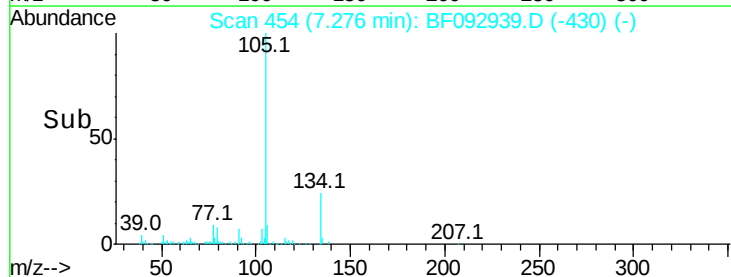
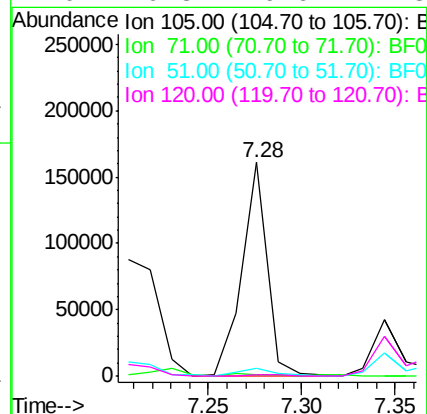
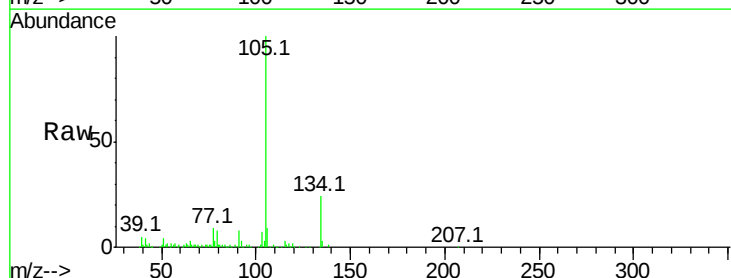
Instrument :
BNA_F
ClientSampleId :

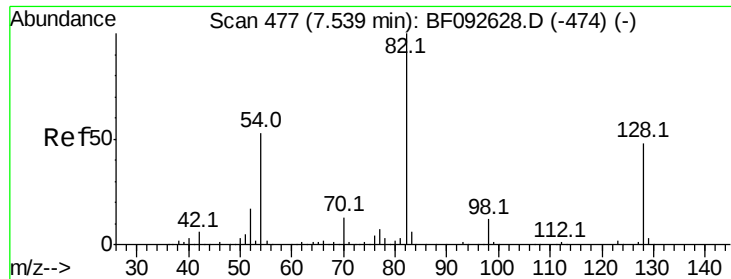
Tot Ion:136	Resp: 563640
Ion Ratio	Lower Upper
136 100	
137 10.8	8.4 12.6
54 8.1	4.5 6.7#
68 5.4	3.6 5.4#



#22
Acetophenone
Concen: 11.85 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.02 min
Lab File: BF092939.D
Acq: 14 Feb 2017 13:04

Tgt	Ion:105	Resp:	152506
Ion	Ratio	Lower	Upper
105	100		
71	0.7	3.2	4.8#
51	3.8	26.2	39.4#
120	0.3	16.6	24.8#

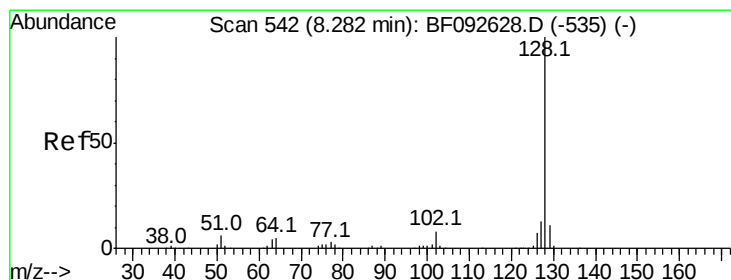
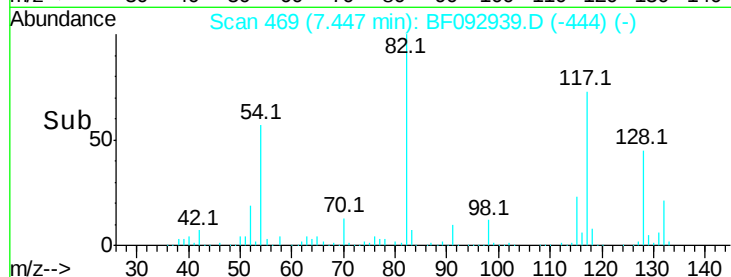
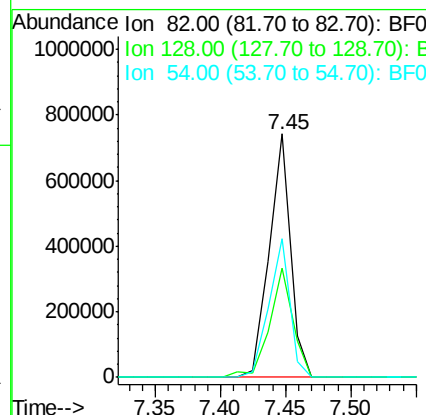
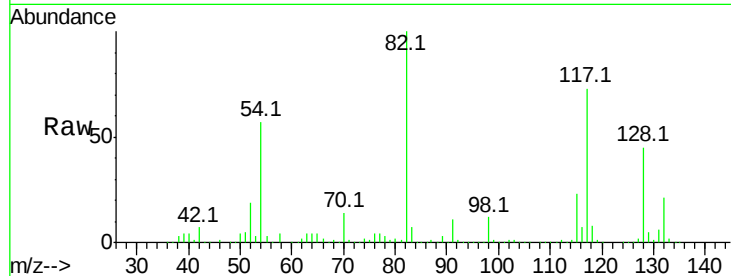




#23
 Nitrobenzene-d5
 Concen: 84.49 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.01 min
 Lab File: BF092939.D
 Acq: 14 Feb 2017 13:04

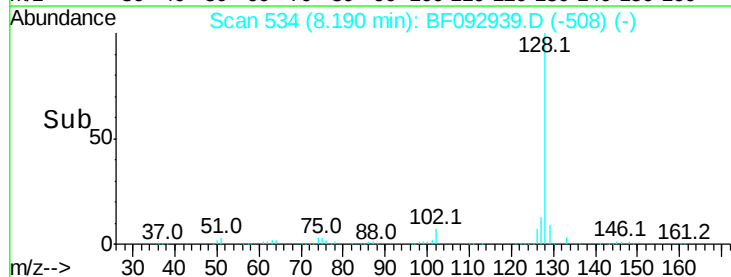
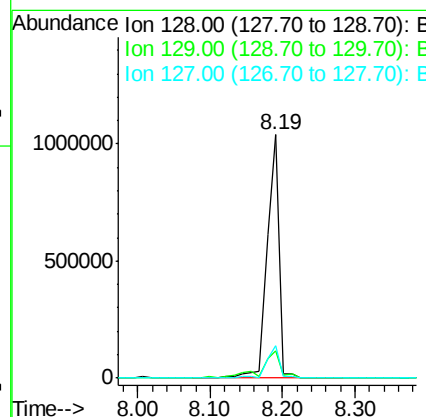
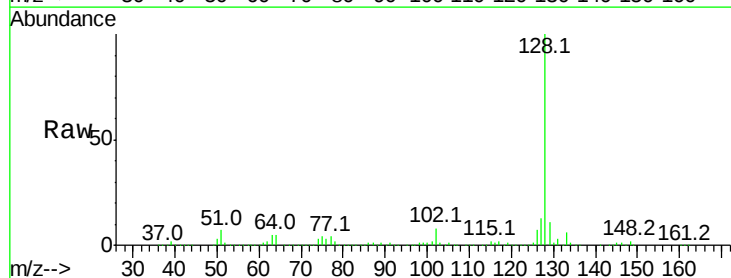
Instrument :
 BNA_F
 ClientSampled :

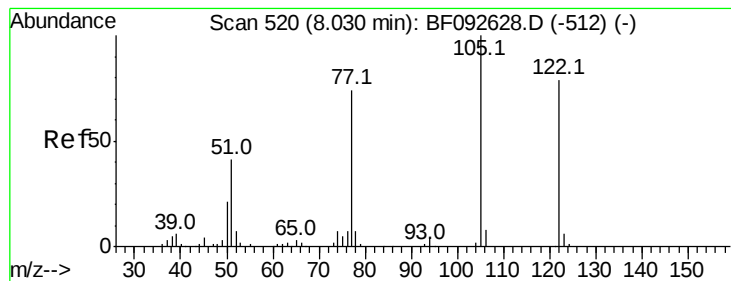
Tot Ion	82	Resp	855171
Ion Ratio	100	Lower	Upper
128	44.8	34.6	52.0
54	56.8	39.5	59.3



#31
 Naphthalene
 Concen: 43.24 ng
 RT: 8.19 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: BF092939.D
 Acq: 14 Feb 2017 13:04

Tgt Ion	128	Resp	1235425
Ion Ratio	100	Lower	Upper
129	11.1	9.5	14.3
127	13.4	10.8	16.2





#32

Benzoic acid

Concen: 7.87 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.03 min

Lab File: BF092939.D

Acq: 14 Feb 2017 13:04

Instrument :

BNA_F

ClientSampled :

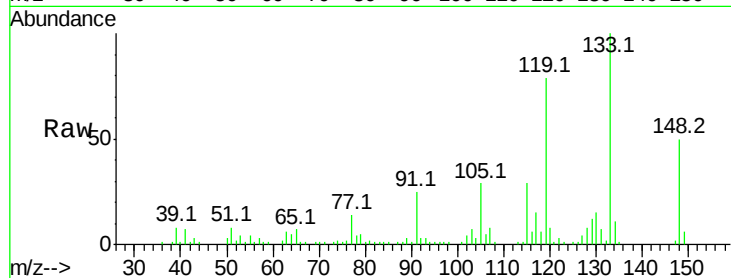
Tot Ion:122 Resp: 4073

Ion Ratio Lower Upper

122 100

105 946.8 107.2 147.2#

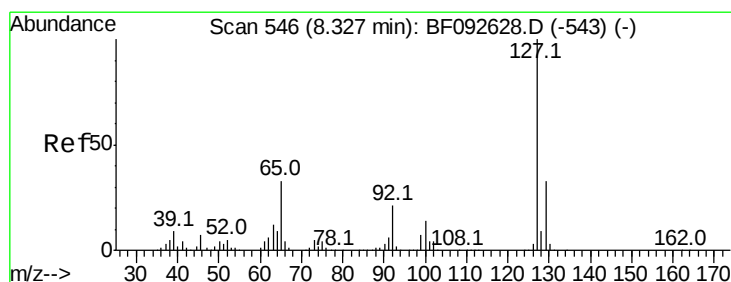
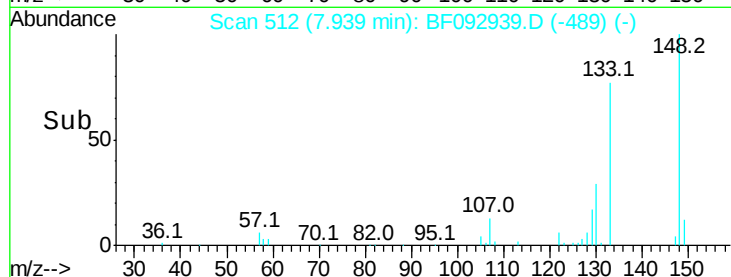
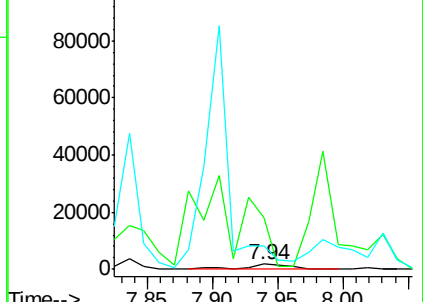
77 442.8 74.5 114.5#



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: 16.46 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.06 min

Lab File: BF092939.D

Acq: 14 Feb 2017 13:04

Tgt Ion:127 Resp: 184434

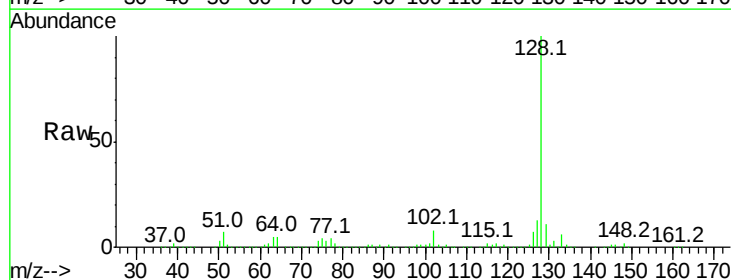
Ion Ratio Lower Upper

127 100

129 82.5 26.3 39.5#

65 0.0 25.8 38.8#

92 1.1 16.1 24.1#

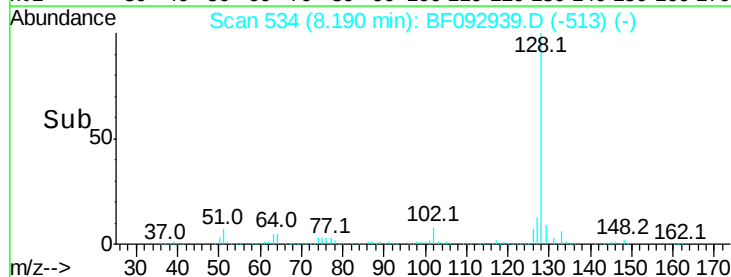
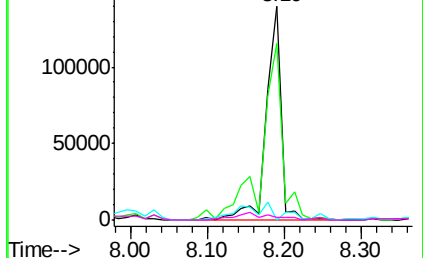


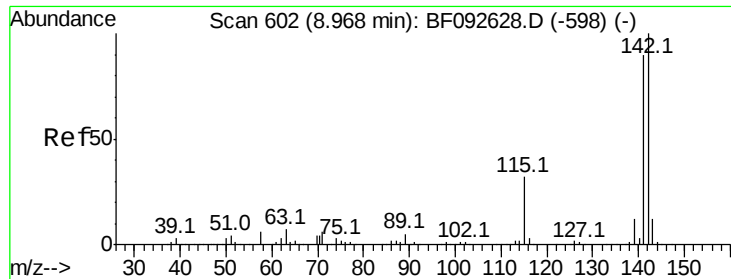
Abundance Ion 127.00 (126.70 to 127.70): E

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

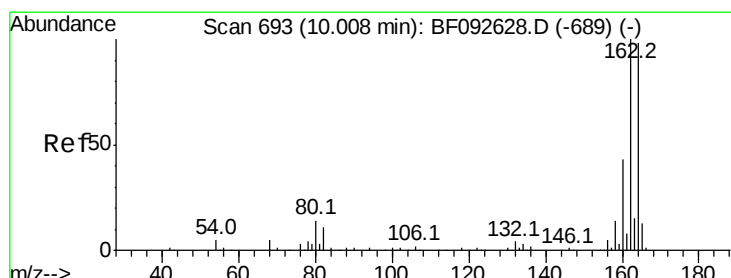
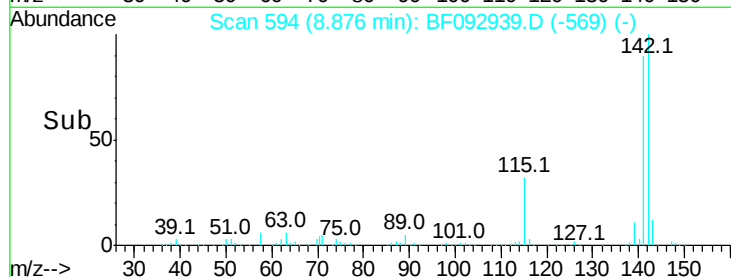
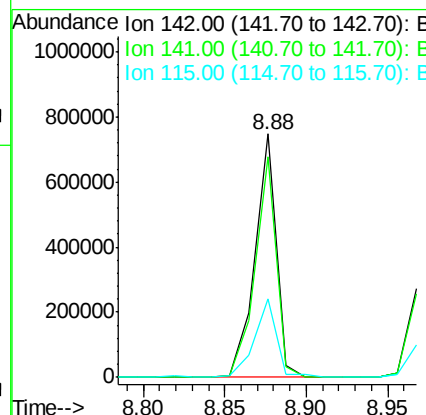
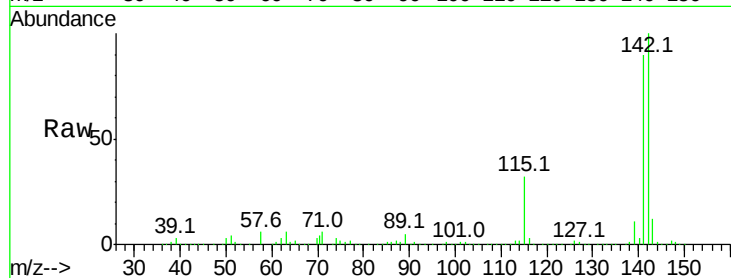




#37
2-Methylnaphthalene
Concen: 37.00 ng
RT: 8.88 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF092939.D
Acq: 14 Feb 2017 13:04

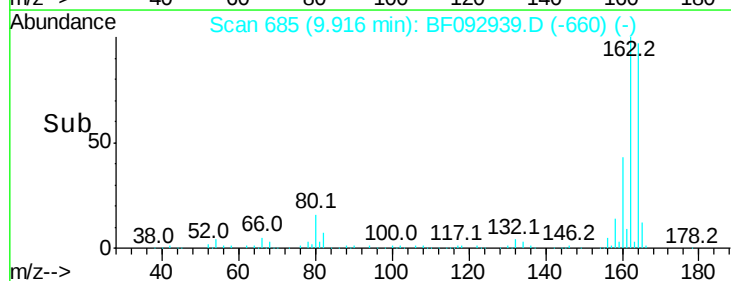
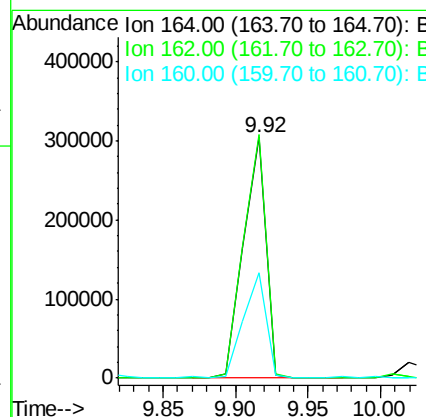
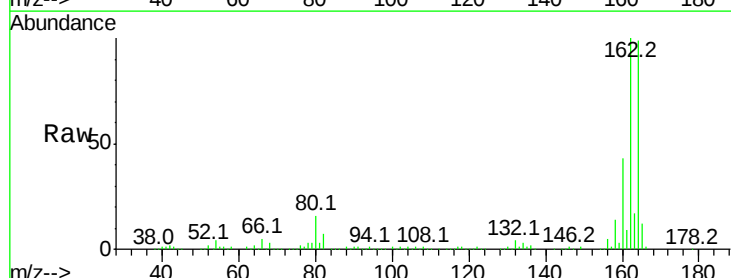
Instrument :
BNA_F
ClientSampled :

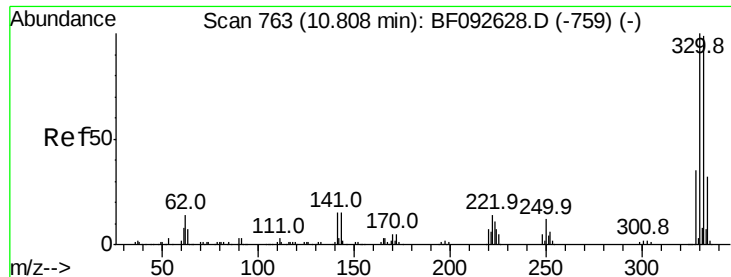
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.0	106.6
115	32.5	28.3	42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF092939.D
Acq: 14 Feb 2017 13:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.2	120.2
160	43.6	36.9	55.3

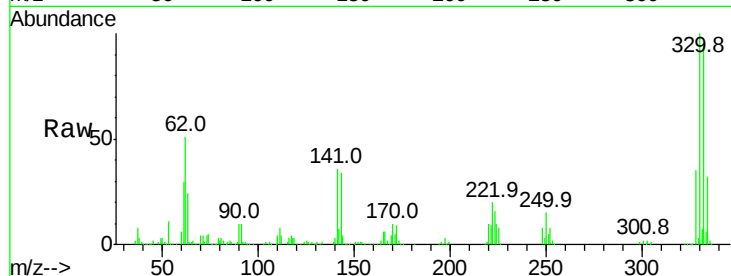




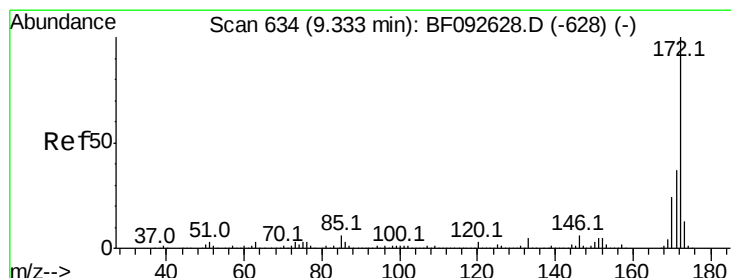
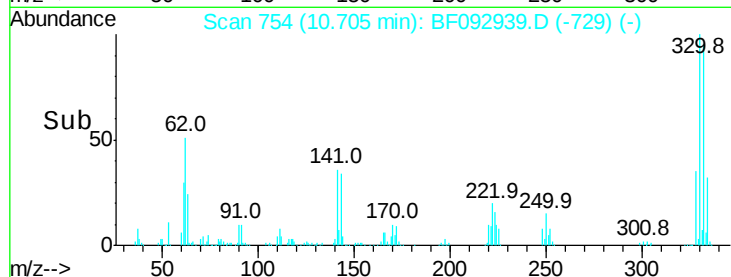
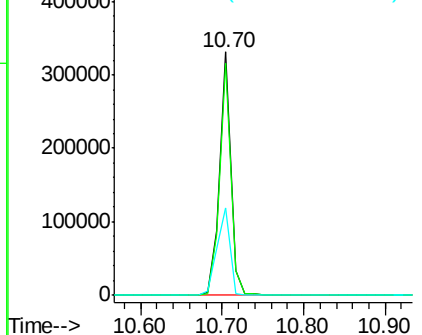
#41
 2,4,6-Tribromophenol
 Concen: 133.69 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092939.D
 Acq: 14 Feb 2017 13:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.4	116.2
141	41.8	34.1	51.1

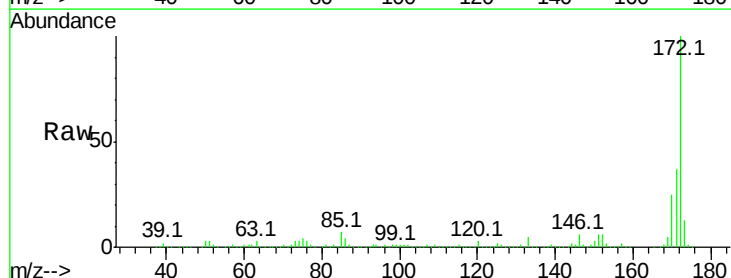


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

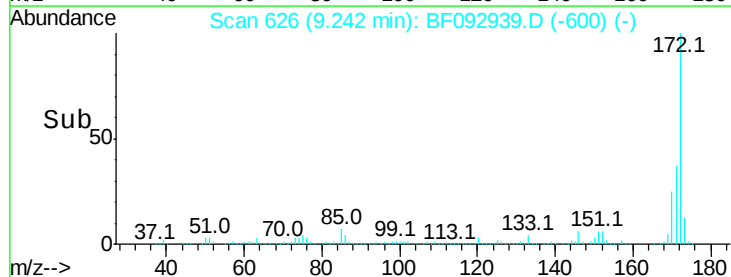
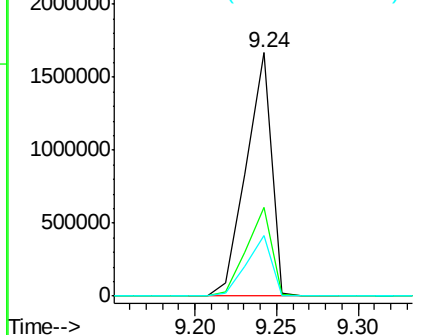


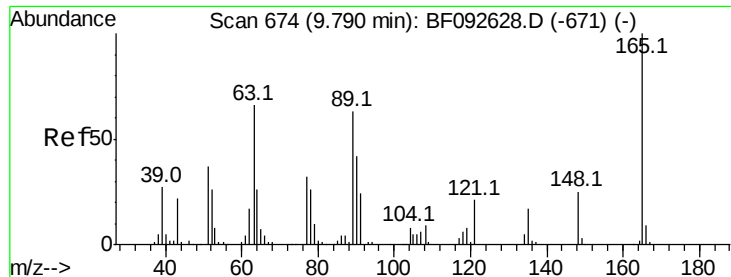
#44
 2-Fluorobiphenyl
 Concen: 99.15 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF092939.D
 Acq: 14 Feb 2017 13:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	24.6	20.2	30.4



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

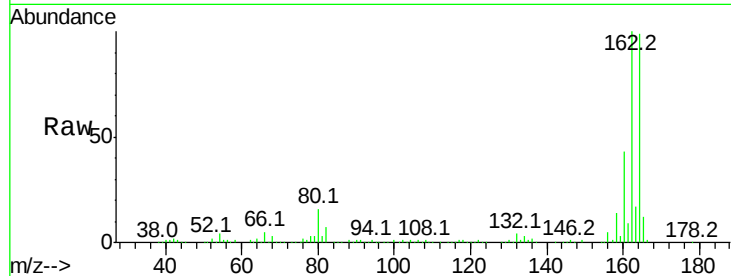




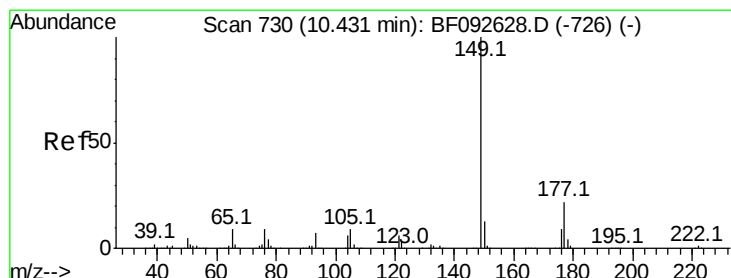
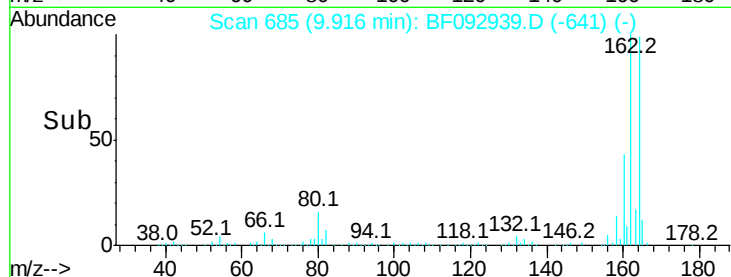
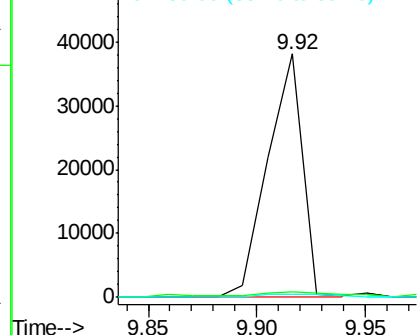
#50
2,6-Dinitrotoluene
Concen: 9.00 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.21 min
Lab File: BF092939.D
Acq: 14 Feb 2017 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 42992
Ion Ratio Lower Upper
165 100
63 2.3 36.2 54.4#
89 1.4 40.2 60.4#

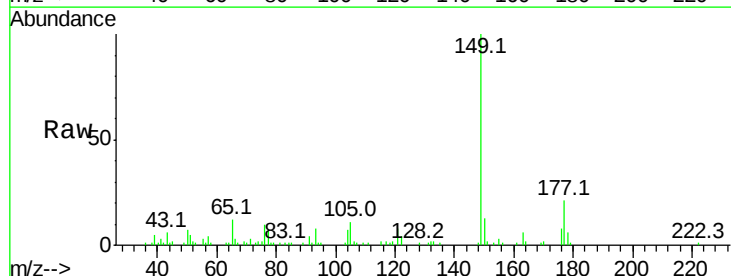


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

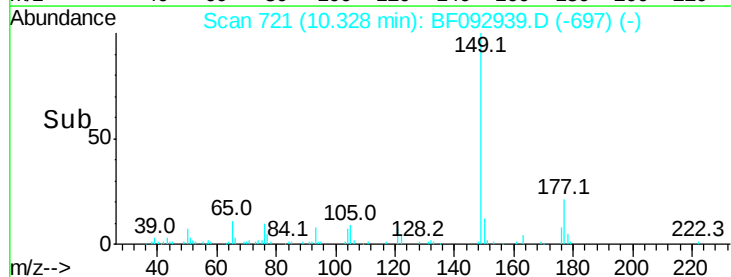
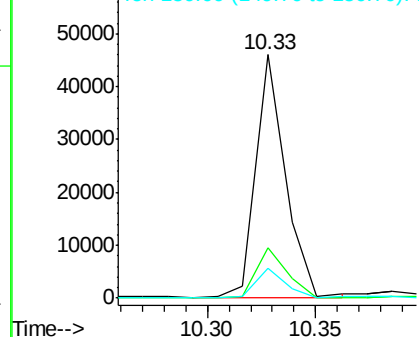


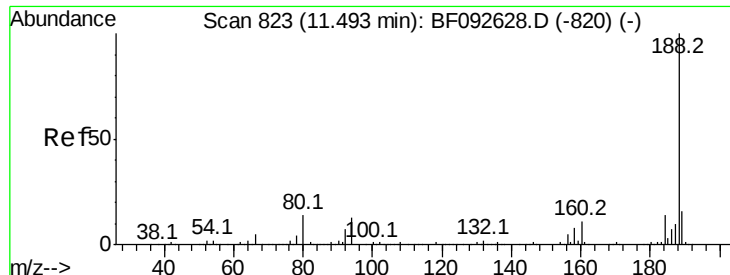
#59
Diethylphthalate
Concen: 2.11 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF092939.D
Acq: 14 Feb 2017 13:04

Tgt Ion:149 Resp: 44039
Ion Ratio Lower Upper
149 100
177 20.6 16.6 25.0
150 12.5 10.4 15.6



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

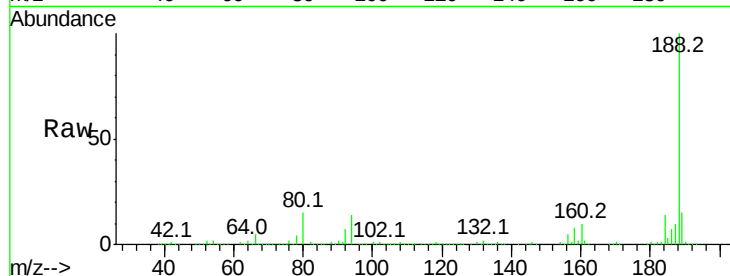




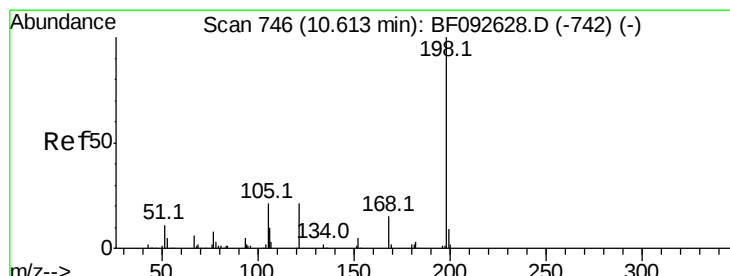
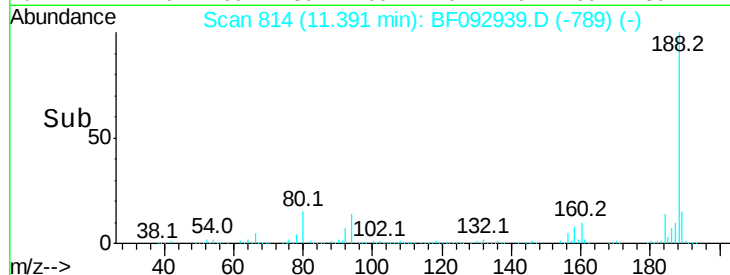
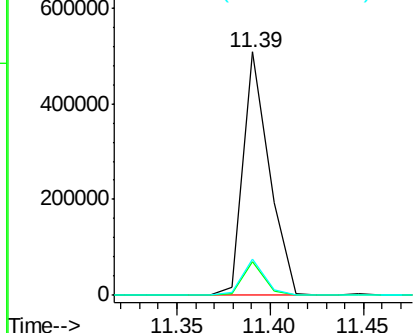
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF092939.D
 Acq: 14 Feb 2017 13:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 495524
 Ion Ratio Lower Upper
 188 100
 94 13.7 10.0 15.0
 80 14.7 11.2 16.8

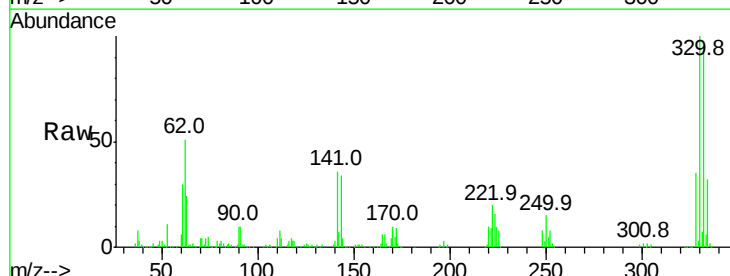


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

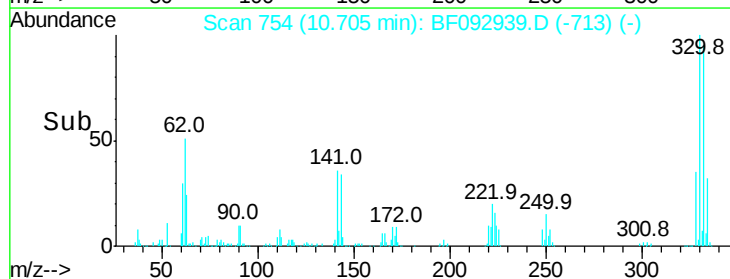
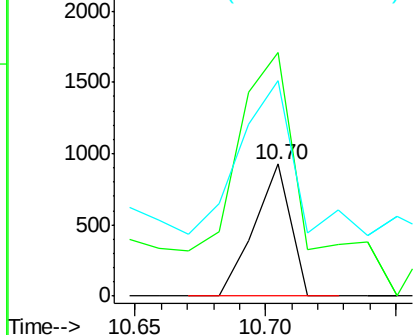


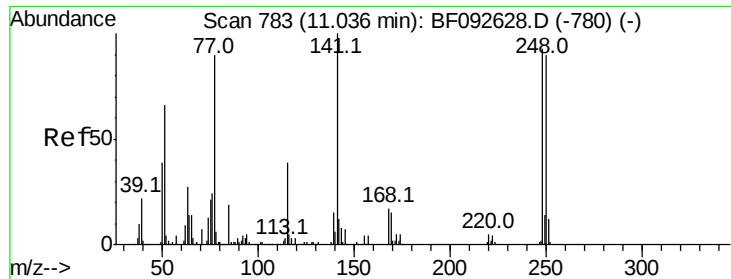
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.95 ng
 RT: 10.70 min Scan# 754
 Delta R.T. 0.17 min
 Lab File: BF092939.D
 Acq: 14 Feb 2017 13:04

Tgt Ion:198 Resp: 898
 Ion Ratio Lower Upper
 198 100
 51 184.8 6.7 46.7#
 105 163.3 16.6 56.6#



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

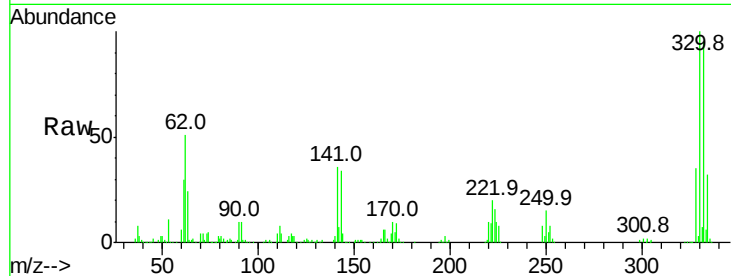




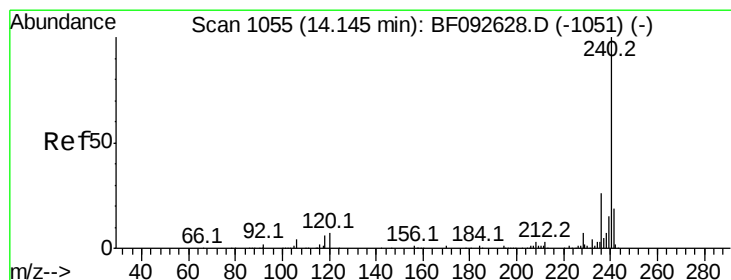
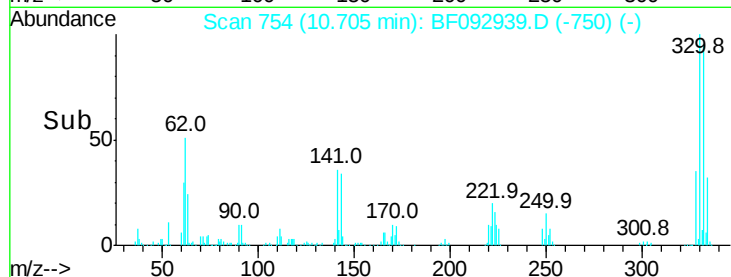
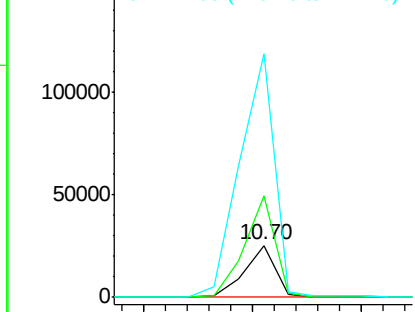
#66
4-Bromophenyl-phenylether
Concen: 4.80 ng
RT: 10.70 min Scan# 754
Delta R.T. -0.25 min
Lab File: BF092939.D
Acq: 14 Feb 2017 13:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 24829
Ion Ratio Lower Upper
248 100
250 194.7 76.9 115.3#
141 466.4 68.2 102.4#

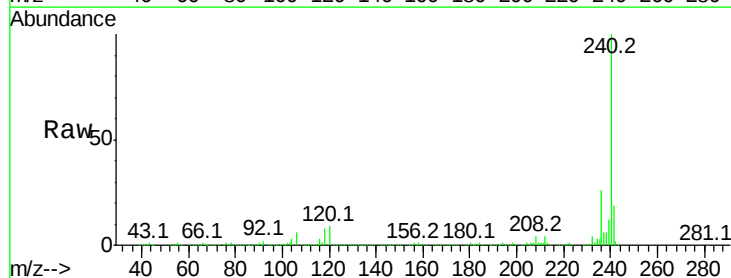


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

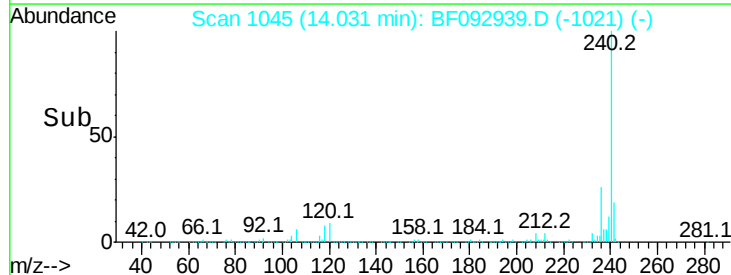
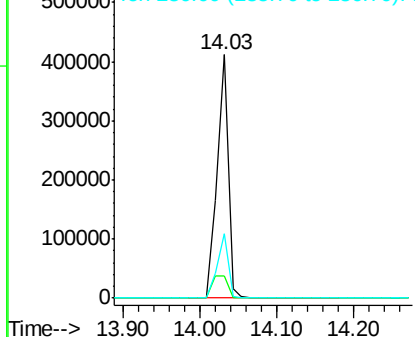


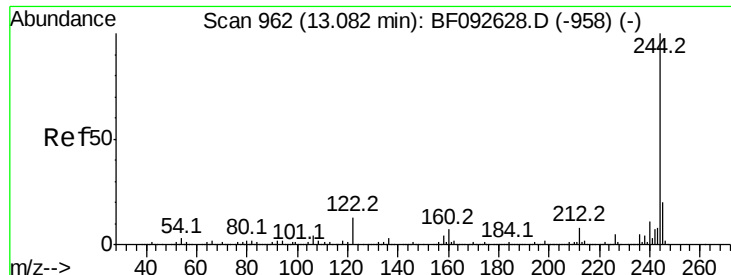
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BF092939.D
Acq: 14 Feb 2017 13:04

Tgt Ion:240 Resp: 414201
Ion Ratio Lower Upper
240 100
120 9.0 12.9 19.3#
236 26.3 20.9 31.3



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: 84.89 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF092939.D

Acq: 14 Feb 2017 13:04

Instrument :

BNA_F

ClientSampleId :

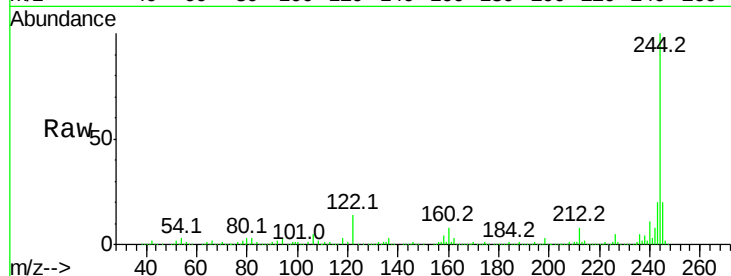
Tot Ion:244 Resp: 1496442

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

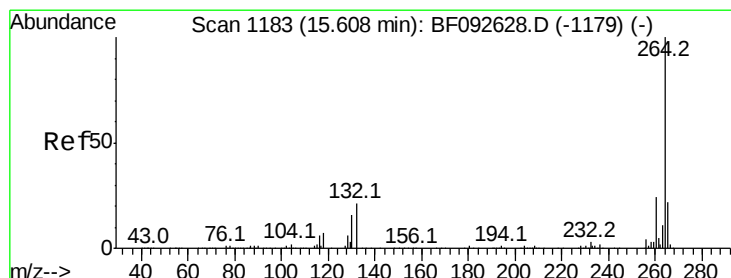
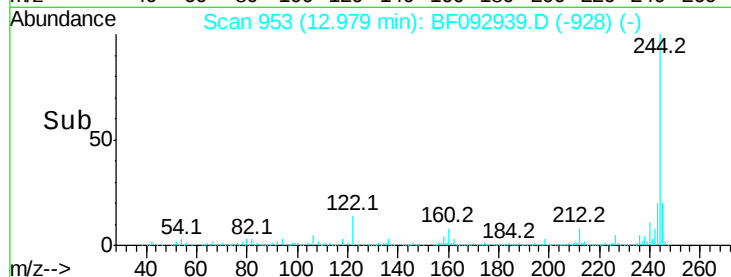
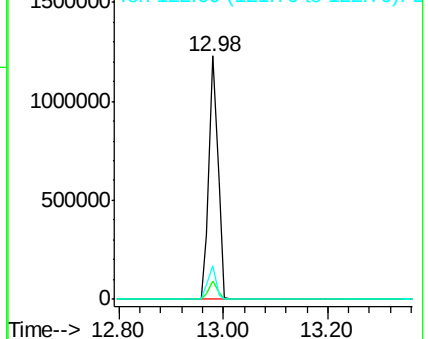
122 14.0 11.4 17.2



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.46 min Scan# 1170

Delta R.T. -0.02 min

Lab File: BF092939.D

Acq: 14 Feb 2017 13:04

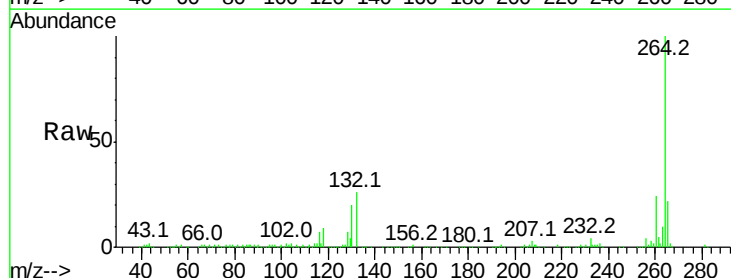
Tgt Ion:264 Resp: 282046

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 22.1 17.4 26.0



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

