

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092566.D
 Acq On : 27 Jan 2017 10:10
 Operator : SJ/MA
 Sample : I1312-10RE
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 27 10:53:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

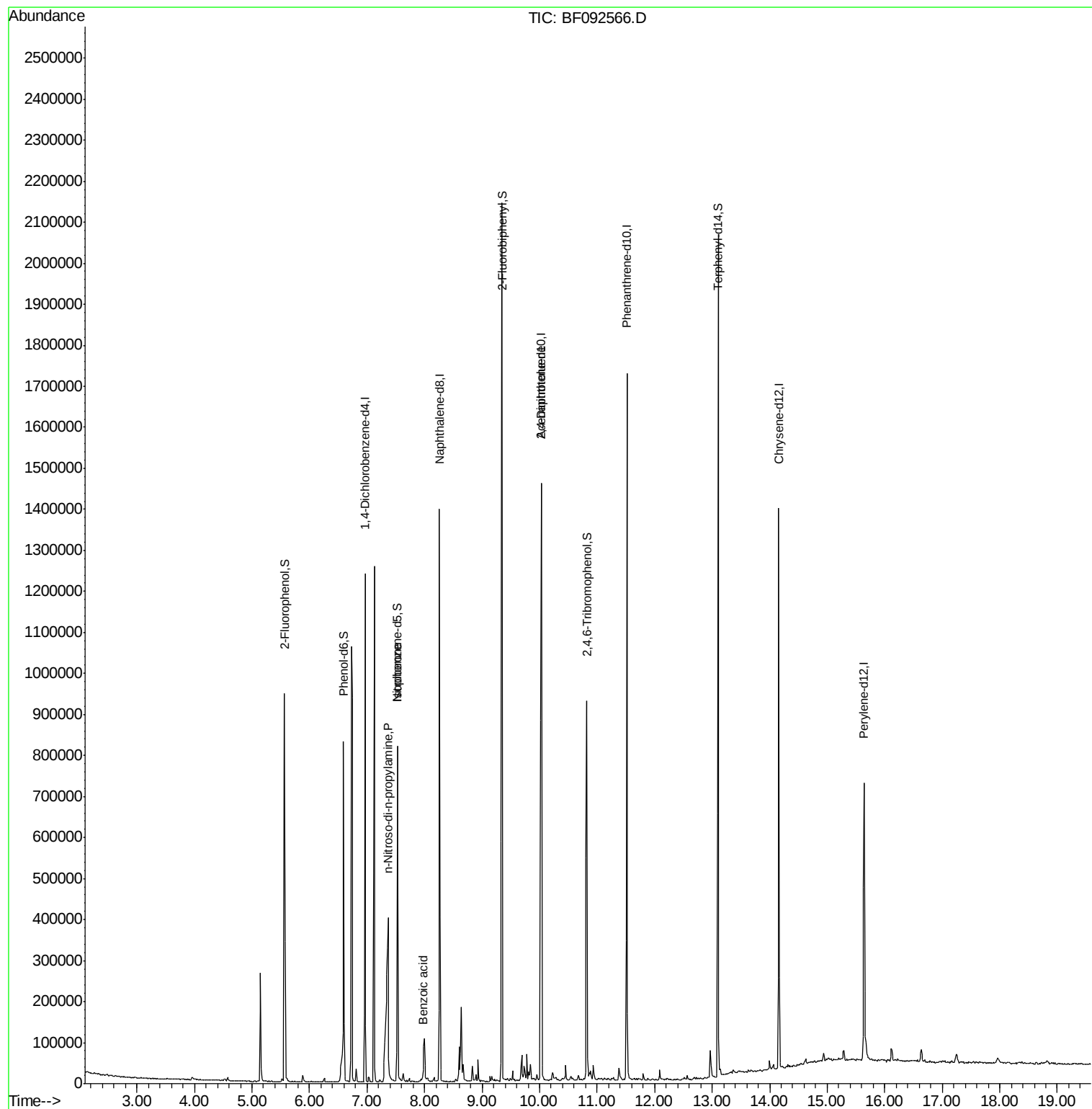
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	170453	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	652721	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	377739	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	610819	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	450913	20.00	ng	-0.01
86) Perylene-d12	15.64	264	337498	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	256678	23.43	ng	0.01
7) Phenol-d6	6.59	99	242911	17.41	ng	0.00
23) Nitrobenzene-d5	7.53	82	341435	28.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	120004	46.62	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	679266	33.25	ng	-0.01
78) Terphenyl-d14	13.11	244	625776	36.96	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	28435	2.99	ng	# 27
25) Isophorone	7.53	82	326641	13.87	ng	# 65
32) Benzoic acid	7.97	122	782	4.78	ng	91
56) 2,4-Dinitrotoluene	10.03	165	49363	7.57	ng	# 20

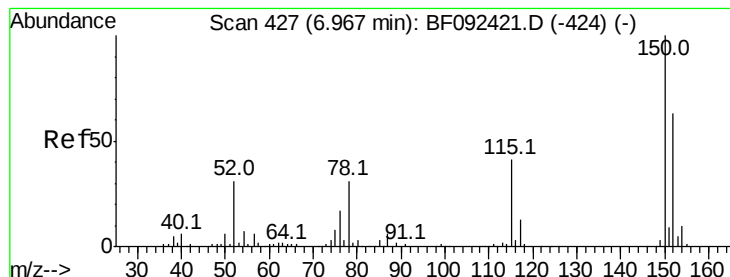
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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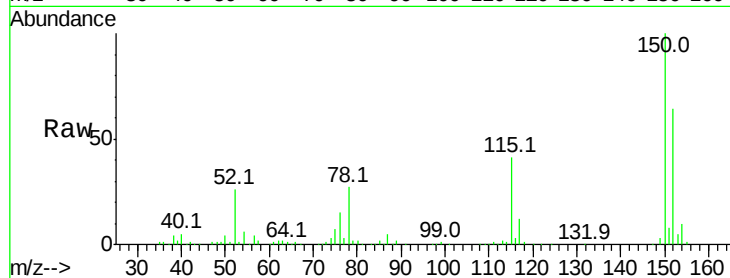


#1

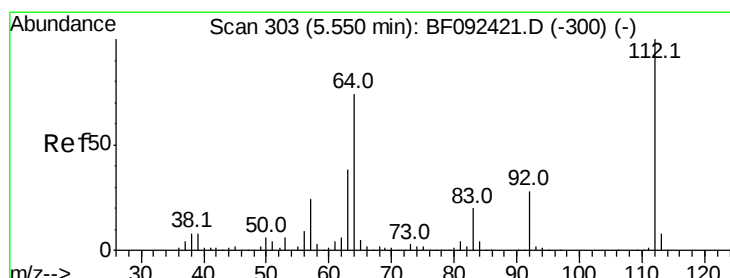
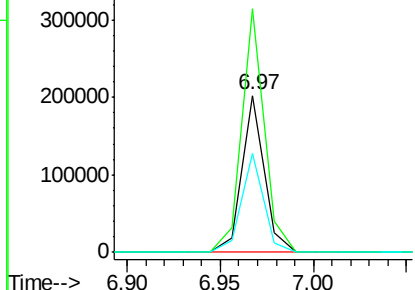
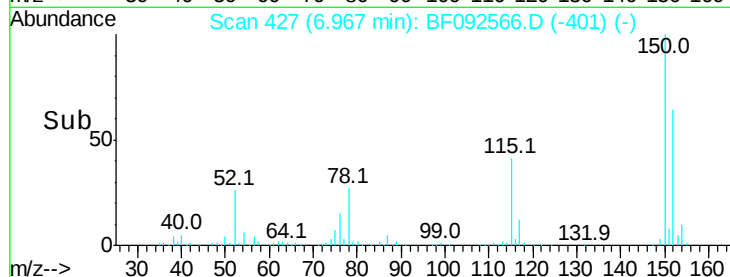
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF092566.D
Acq: 27 Jan 2017 10:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 170453
Ion Ratio Lower Upper
152 100
150 155.2 124.9 187.3
115 63.2 46.0 69.0



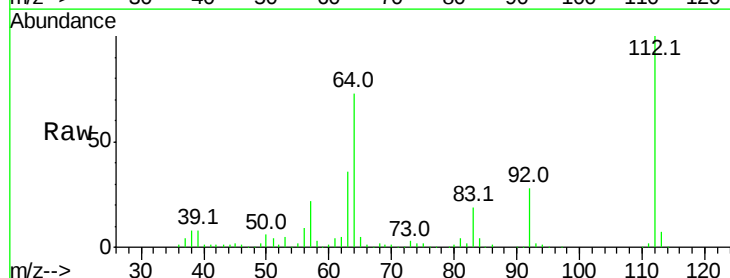
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



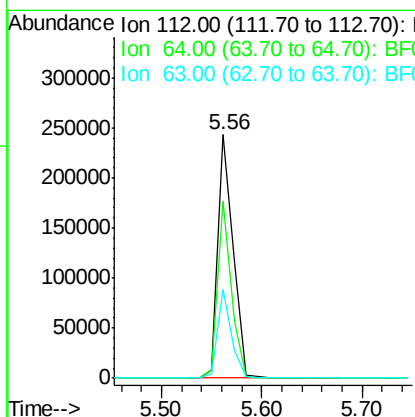
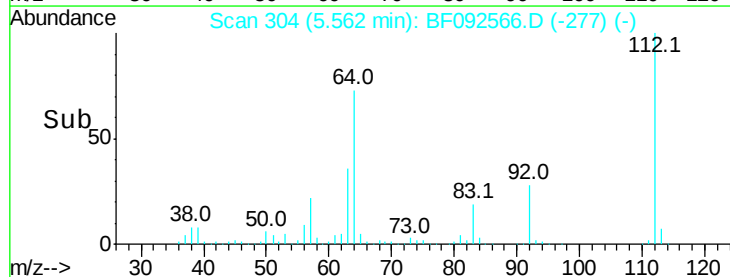
#5

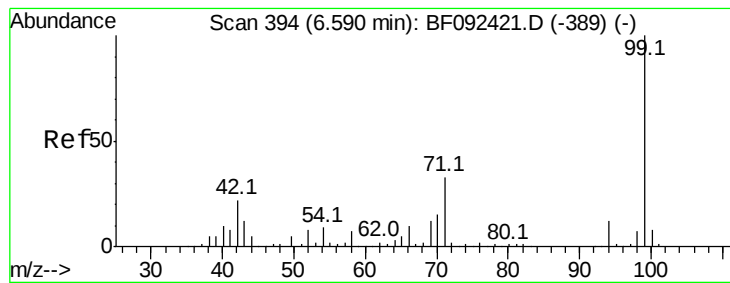
2-Fluorophenol
Concen: 23.43 ng
RT: 5.56 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF092566.D
Acq: 27 Jan 2017 10:10

Tgt Ion:112 Resp: 256678
Ion Ratio Lower Upper
112 100
64 72.8 46.1 69.1#
63 36.4 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: 17.41 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF092566.D

Acq: 27 Jan 2017 10:10

Instrument :

BNA_F

ClientSampleId :

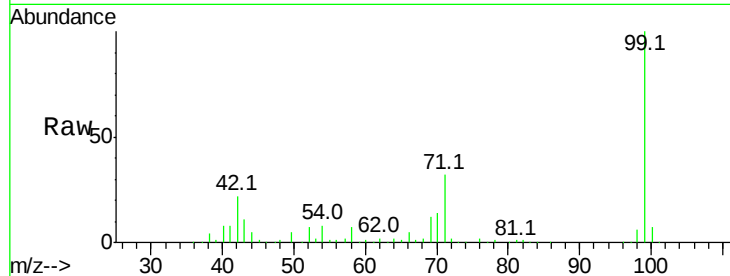
Tot Ion: 99 Resp: 242911

Ion Ratio Lower Upper

99 100

42 22.0 15.6 23.4

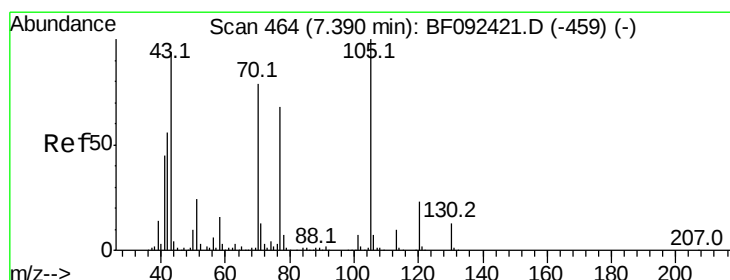
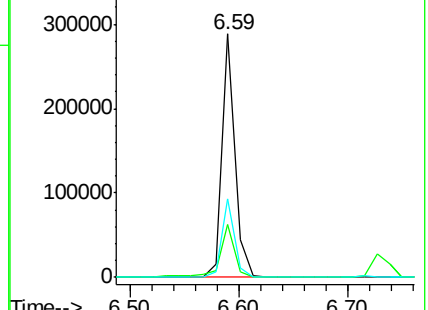
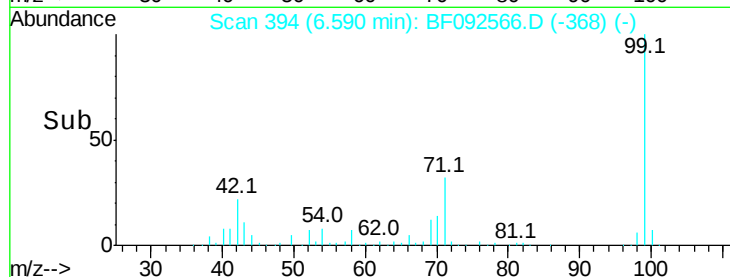
71 32.3 27.5 41.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 2.99 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.02 min

Lab File: BF092566.D

Acq: 27 Jan 2017 10:10

Tgt Ion: 70 Resp: 28435

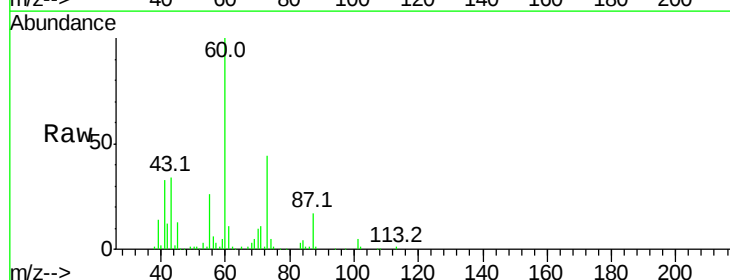
Ion Ratio Lower Upper

70 100

42 119.7 49.4 74.0#

101 51.3 7.4 11.2#

130 0.0 14.2 21.4#

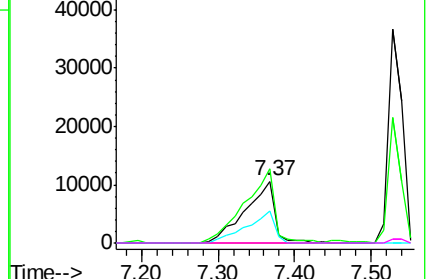
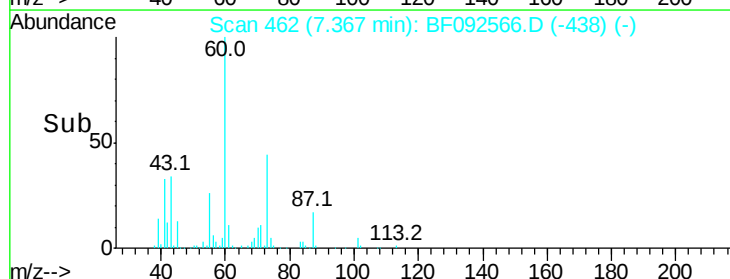


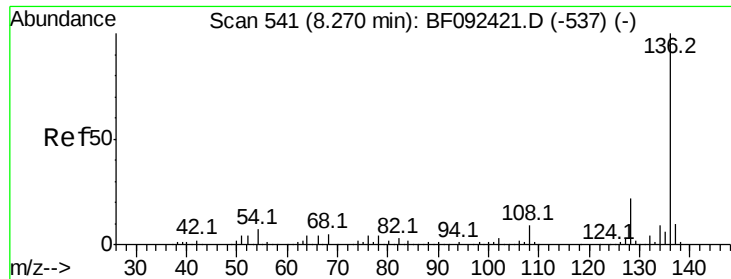
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

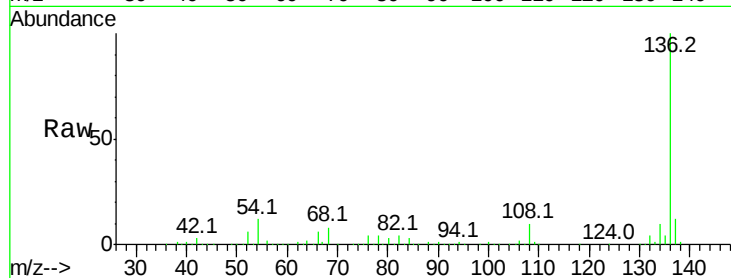




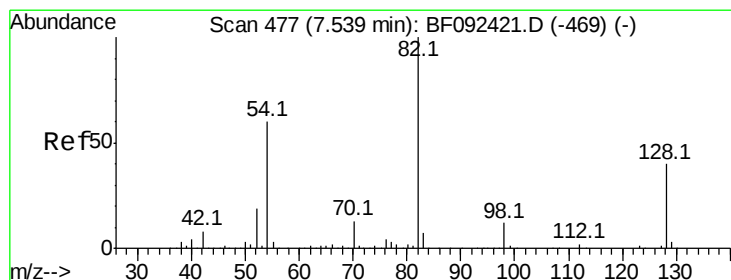
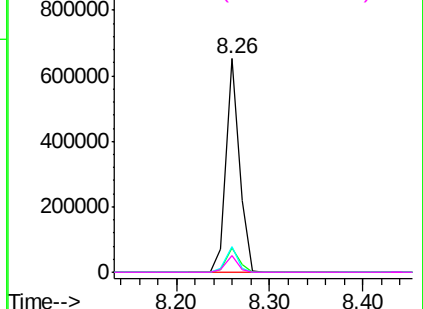
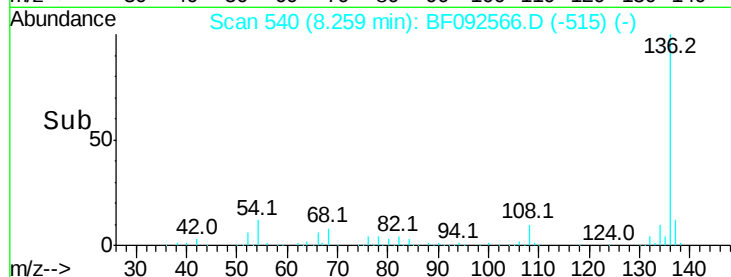
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092566.D
Acq: 27 Jan 2017 10:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 652721
Ion Ratio	Lower Upper
136 100	
137 11.5	8.4 12.6
54 11.7	4.5 6.7#
68 7.9	3.6 5.4#

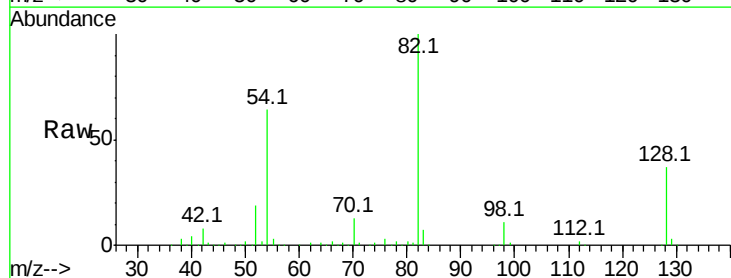


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

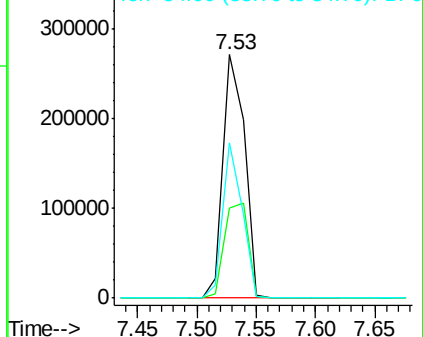
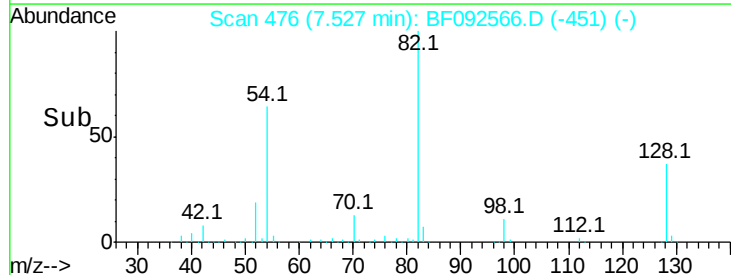


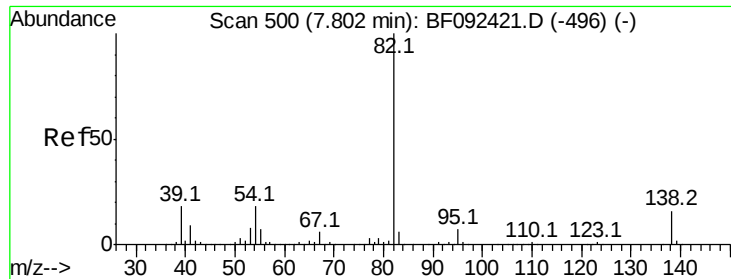
#23
Nitrobenzene-d5
Concen: 28.57 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092566.D
Acq: 27 Jan 2017 10:10

Tgt Ion: 82	Resp: 341435
Ion Ratio	Lower Upper
82 100	
128 37.2	34.6 52.0
54 63.6	39.5 59.3#



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





#25

Isophorone

Concen: 13.87 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.27 min

Lab File: BF092566.D

Acq: 27 Jan 2017 10:10

Instrument :

BNA_F

ClientSampleId :

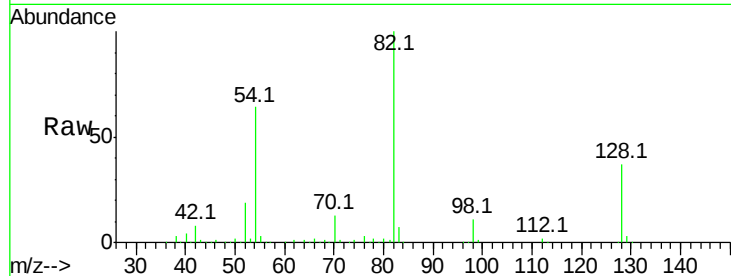
Tot Ion: 82 Resp: 326641

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

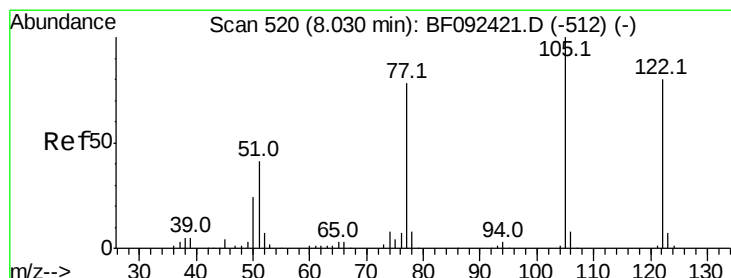
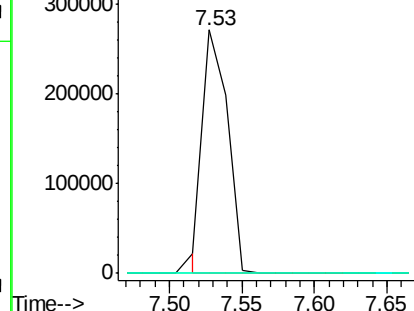
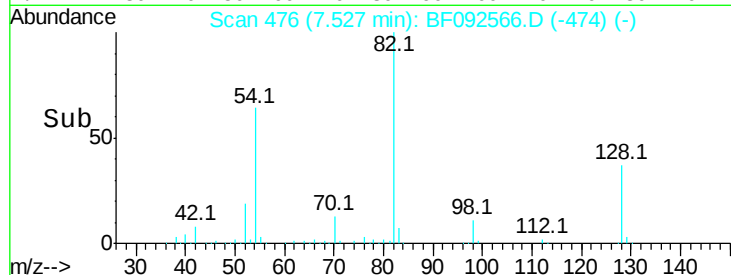
138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#32

Benzoic acid

Concen: 4.78 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.06 min

Lab File: BF092566.D

Acq: 27 Jan 2017 10:10

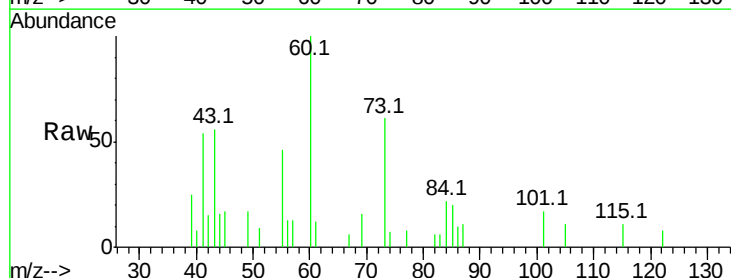
Tgt Ion: 122 Resp: 782

Ion Ratio Lower Upper

122 100

105 136.5 107.2 147.2

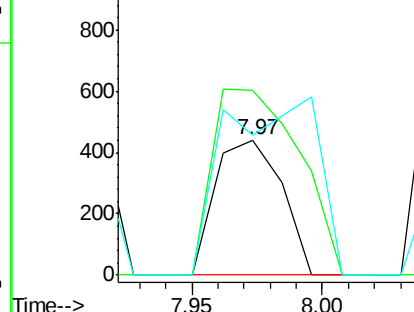
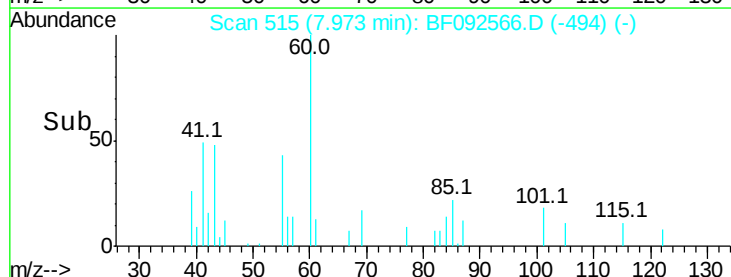
77 103.6 74.5 114.5

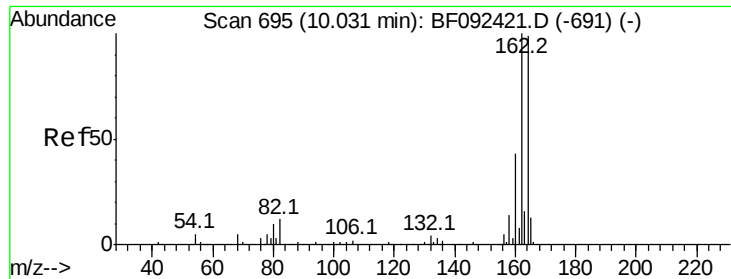


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

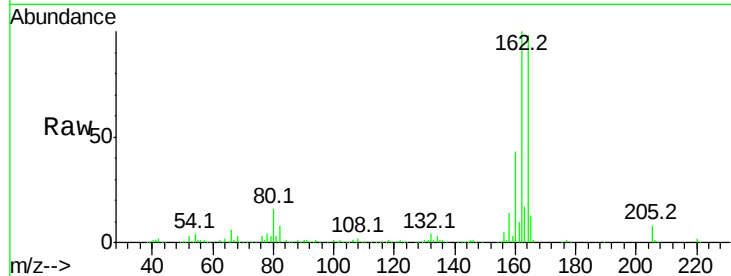




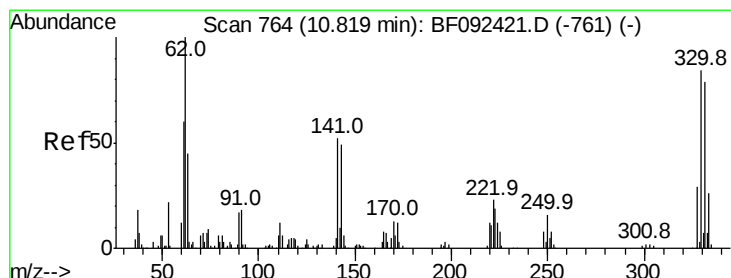
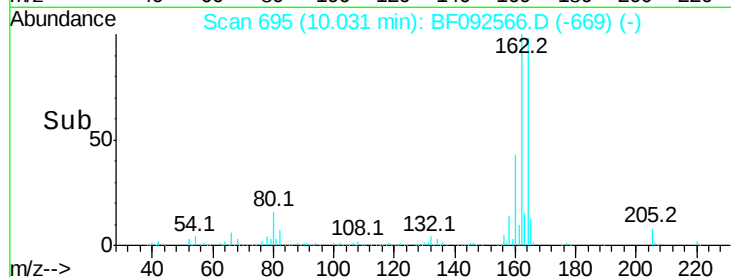
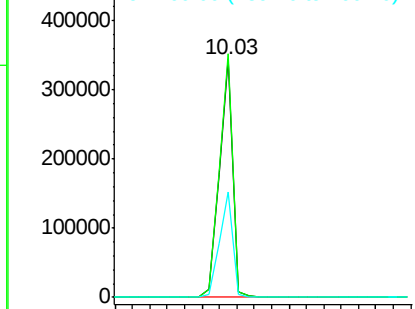
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF092566.D
Acq: 27 Jan 2017 10:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 377739
Ion Ratio Lower Upper
164 100
162 102.2 80.2 120.2
160 44.3 36.9 55.3

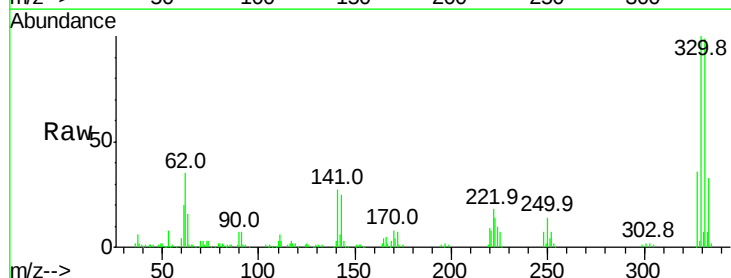


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

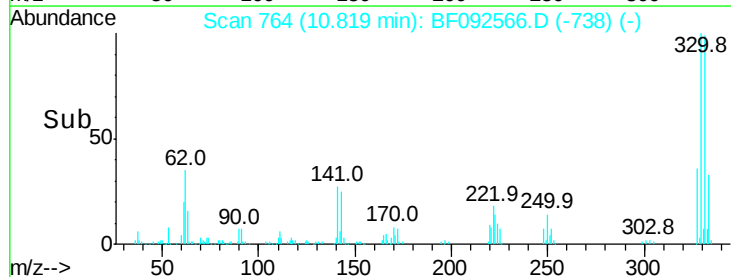
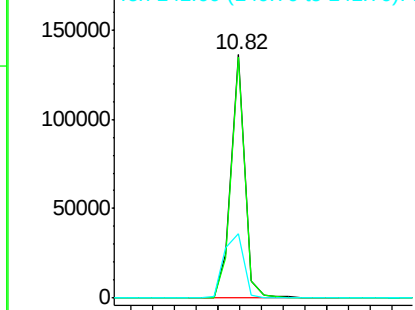


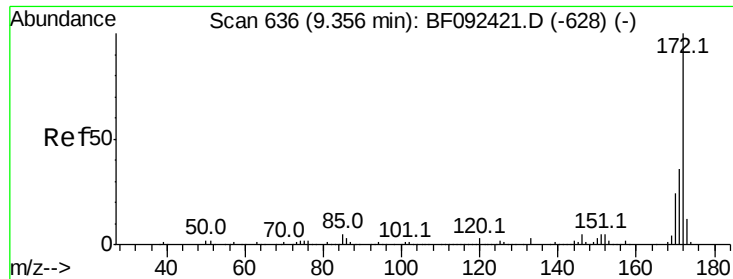
#41
2,4,6-Tribromophenol
Concen: 46.62 ng
RT: 10.82 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF092566.D
Acq: 27 Jan 2017 10:10

Tgt Ion:330 Resp: 120004
Ion Ratio Lower Upper
330 100
332 97.9 77.4 116.2
141 38.9 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

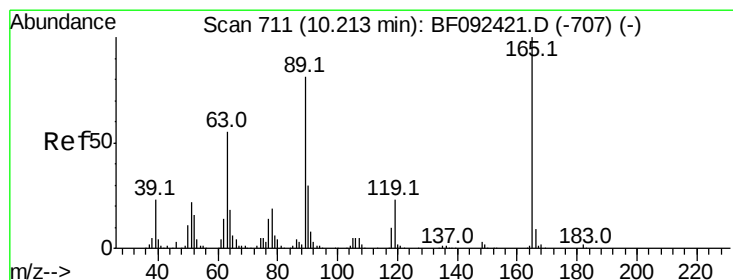
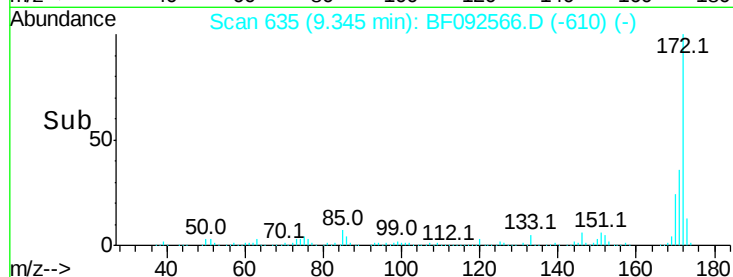
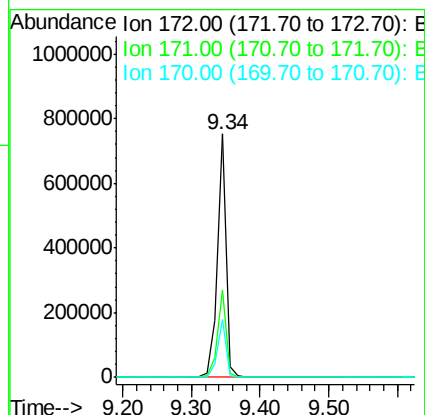
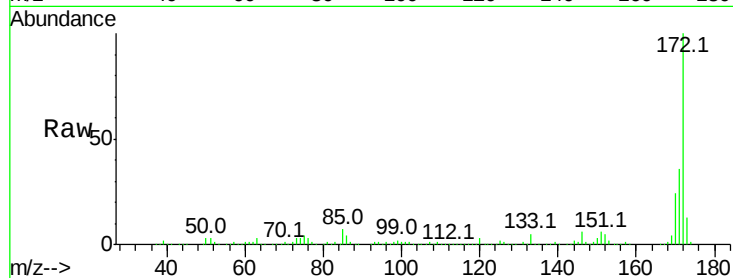




#44
2-Fluorobiphenyl
Concen: 33.25 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF092566.D
Acq: 27 Jan 2017 10:10

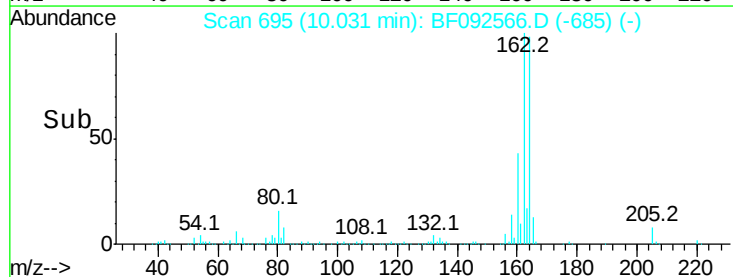
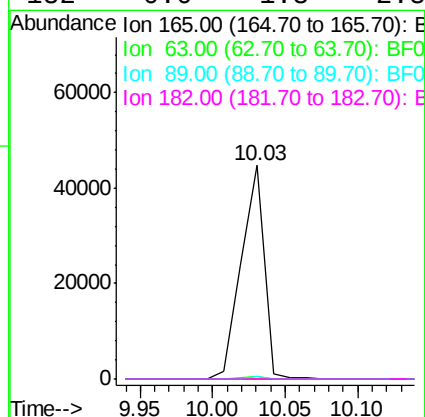
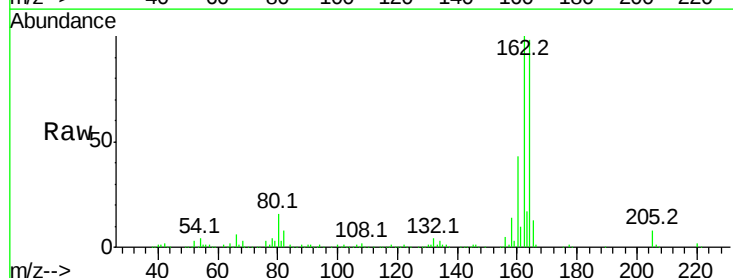
Instrument :
BNA_F
ClientSampled :

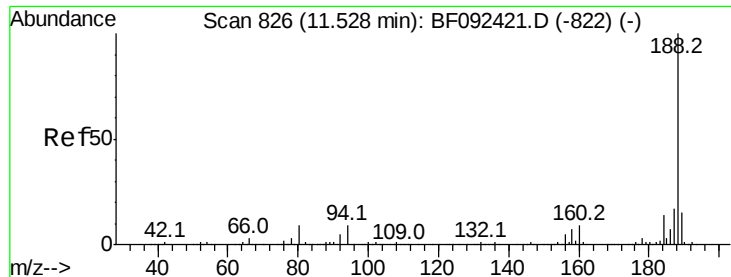
Tot Ion:172 Resp: 679266
Ion Ratio Lower Upper
172 100
171 35.9 29.4 44.0
170 23.7 20.2 30.4



#56
2,4-Dinitrotoluene
Concen: 7.57 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.18 min
Lab File: BF092566.D
Acq: 27 Jan 2017 10:10

Tgt Ion:165 Resp: 49363
Ion Ratio Lower Upper
165 100
63 1.3 40.2 60.4#
89 1.4 62.5 93.7#
182 0.0 1.8 2.8#

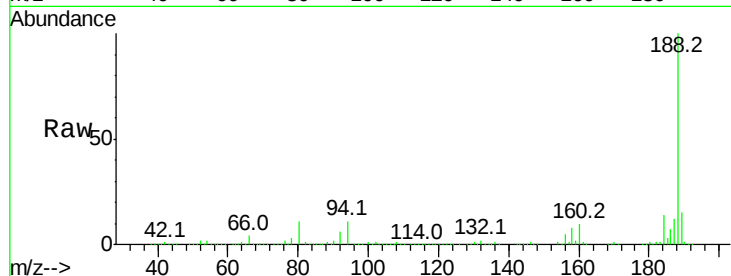




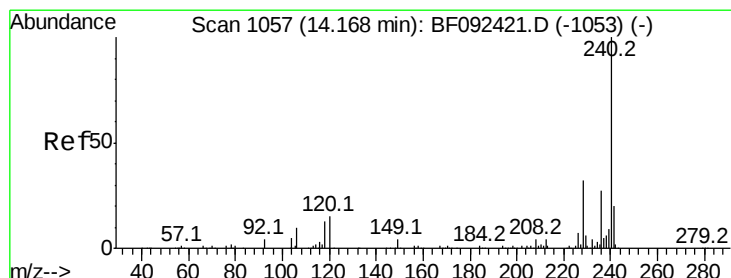
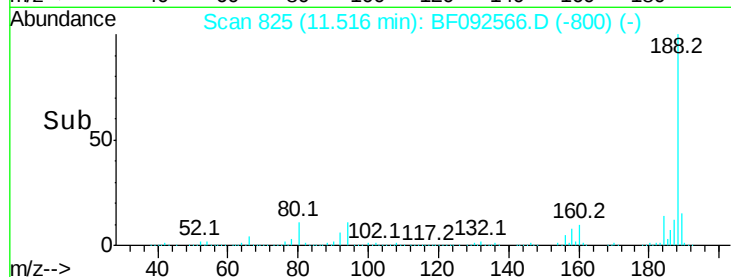
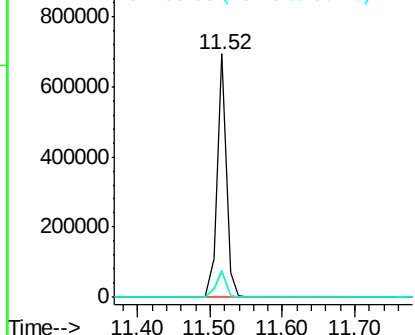
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092566.D
Acq: 27 Jan 2017 10:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 610819
Ion Ratio Lower Upper
188 100
94 10.8 10.0 15.0
80 11.5 11.2 16.8

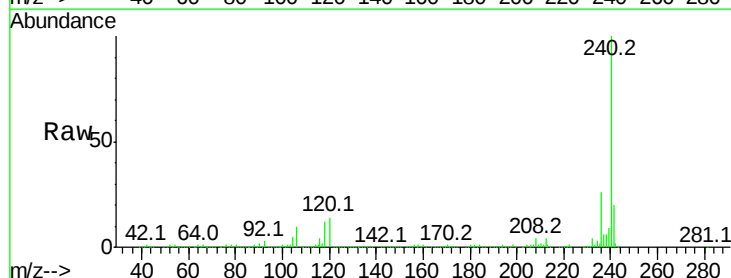


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

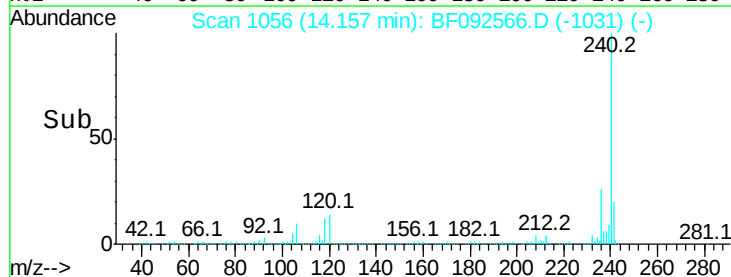
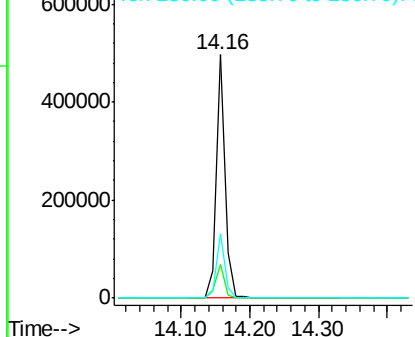


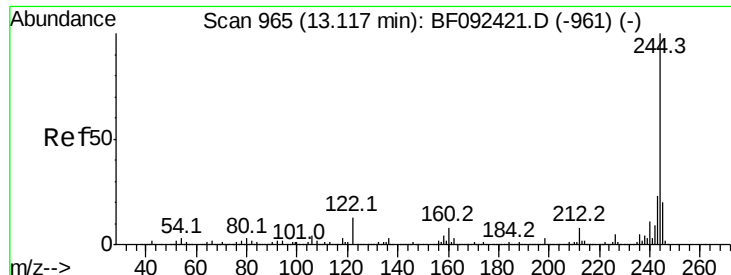
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.16 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF092566.D
Acq: 27 Jan 2017 10:10

Tgt Ion:240 Resp: 450913
Ion Ratio Lower Upper
240 100
120 13.6 12.9 19.3
236 26.4 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

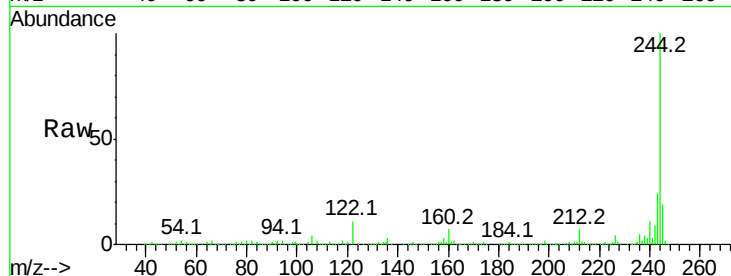




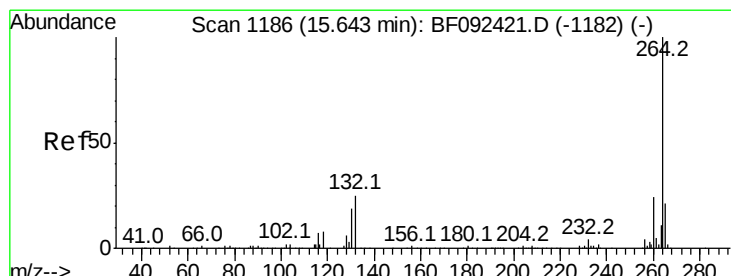
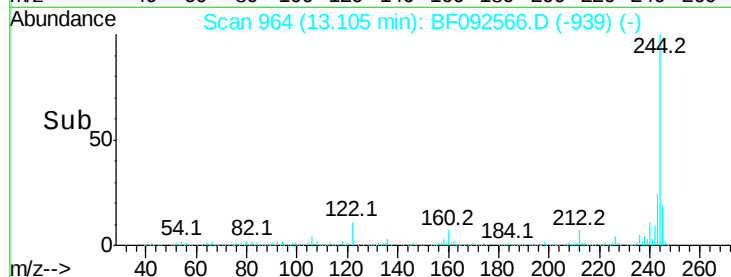
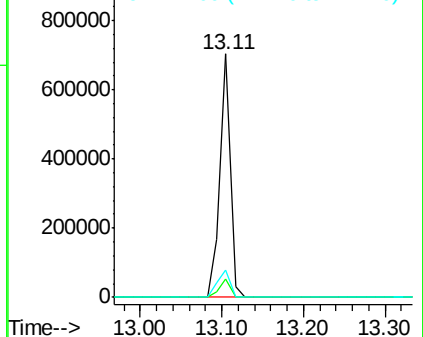
#78
 Terphenyl-d14
 Concen: 36.96 ng
 RT: 13.11 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: BF092566.D
 Acq: 27 Jan 2017 10:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 625776
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 11.4 11.4 17.2#

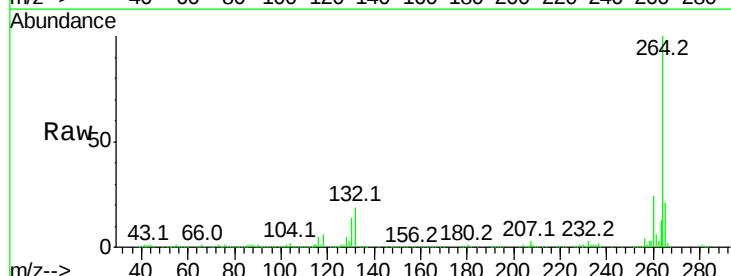


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.64 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF092566.D
 Acq: 27 Jan 2017 10:10

Tgt Ion:264 Resp: 337498
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 20.9 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

