

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031517\
 Data File : BF093669.D
 Acq On : 15 Mar 2017 15:52
 Operator : SJ/MA
 Sample : I2264-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-BASE

Quant Time: Mar 16 01:40:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

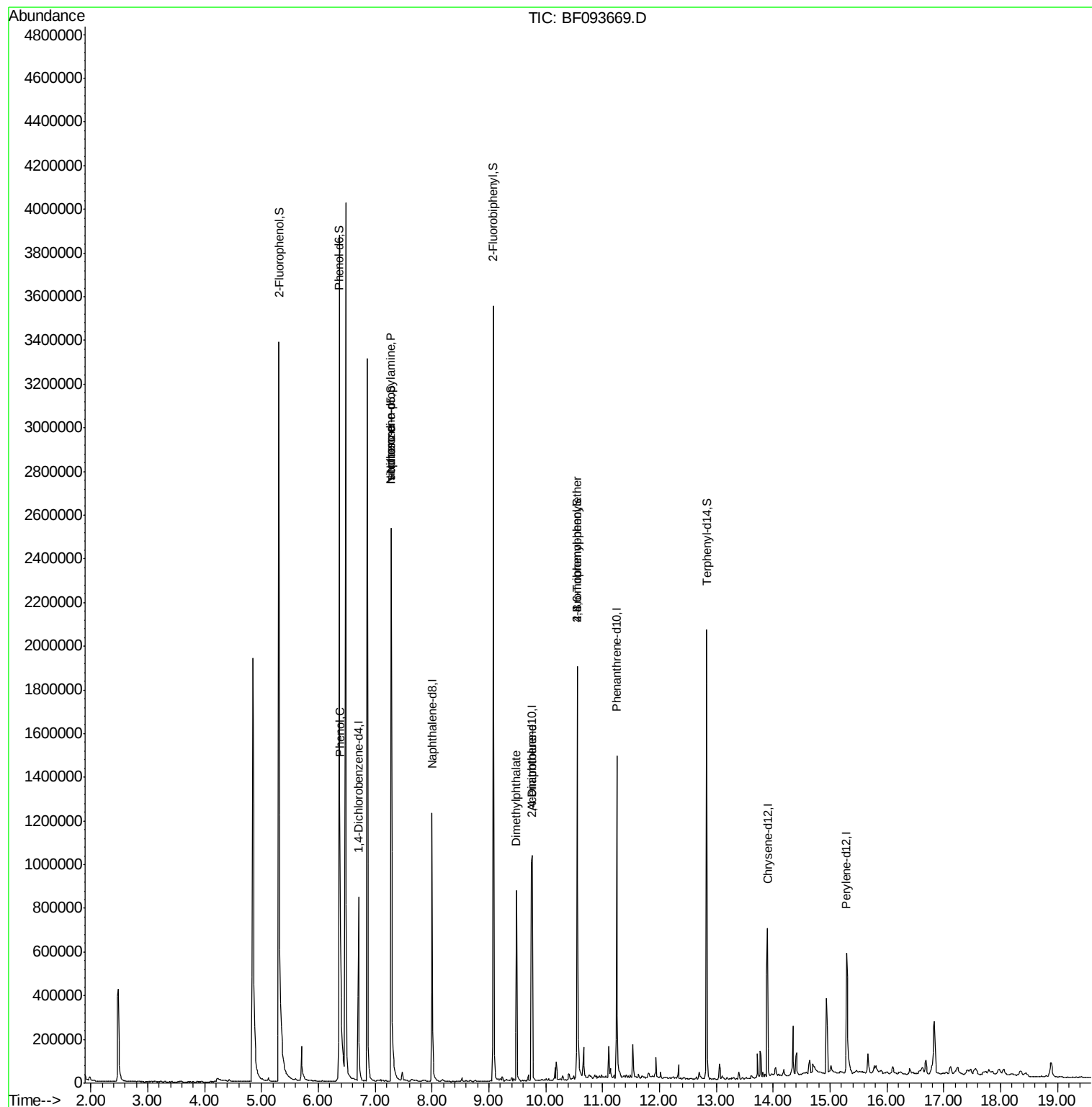
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	162195	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	654844	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	299643	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	535909	20.00	ng	0.00
75) Chrysene-d12	13.90	240	327482	20.00	ng	0.01
86) Perylene-d12	15.29	264	292972	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1293991	132.78	ng	-0.01
7) Phenol-d6	6.37	99	1630988	132.72	ng	-0.01
23) Nitrobenzene-d5	7.28	82	996047	84.39	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	238322	122.08	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1342374	83.33	ng	-0.01
78) Terphenyl-d14	12.84	244	884814	70.25	ng	0.01
Target Compounds						
10) Phenol	6.38	94	131797	8.75	ng	Qvalue 96
19) n-Nitroso-di-n-propylamine	7.28	70	132270	15.66	ng	# 85
25) Isophorone	7.28	82	984845	41.38	ng	# 65
49) Dimethylphthalate	9.49	163	376112	18.93	ng	100
56) 2,4-Dinitrotoluene	9.75	165	38060	7.11	ng	# 21
66) 4-Bromophenyl-phenylether	10.55	248	18231	3.22	ng	# 1

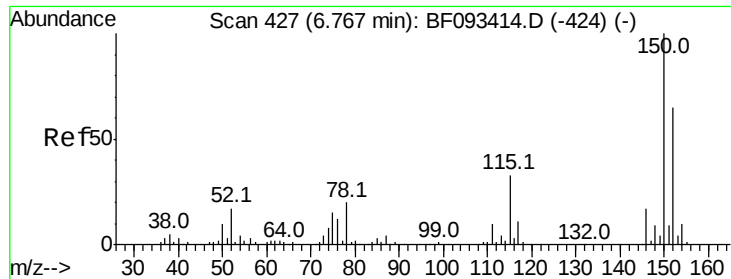
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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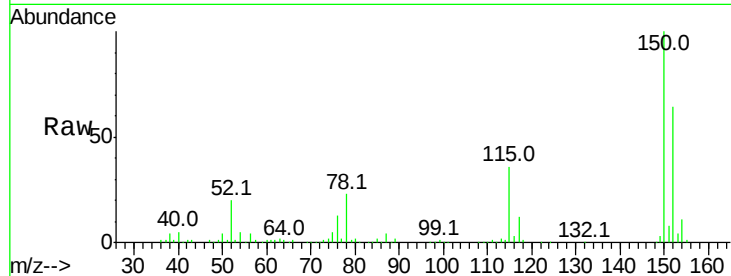


#1

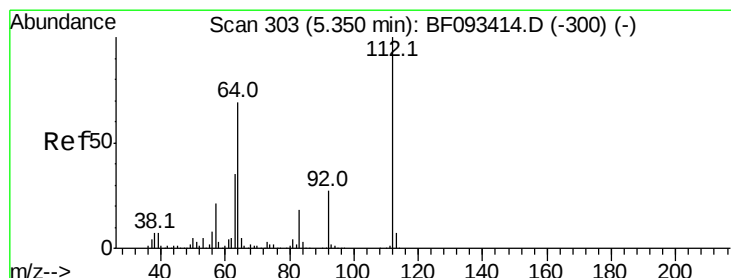
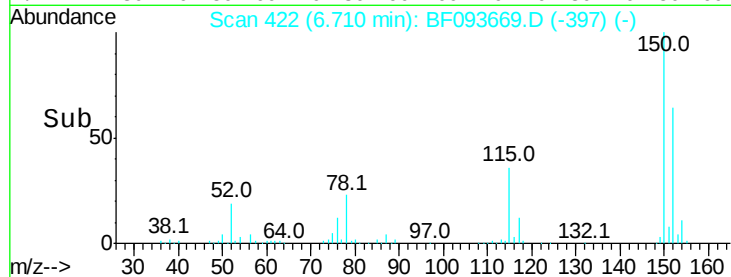
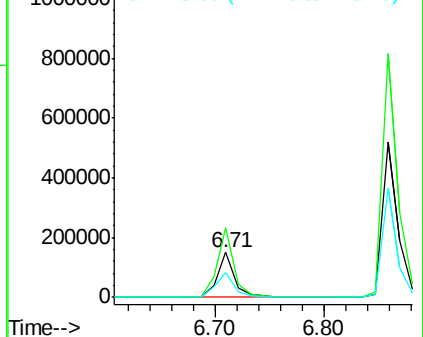
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF093669.D
Acq: 15 Mar 2017 15:52

Instrument :
BNA_F
ClientSampleId :
E2-BB7-BASE

Tot Ion:152 Resp: 162195
Ion Ratio Lower Upper
152 100
150 155.5 124.9 187.3
115 55.7 46.0 69.0



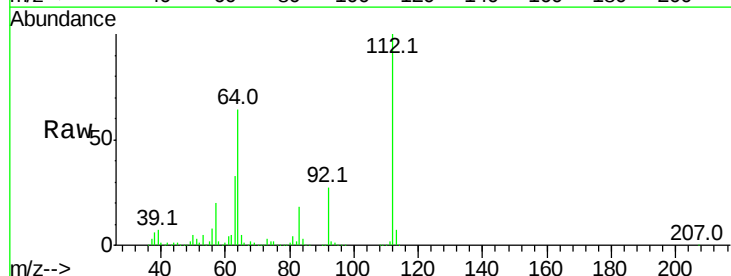
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



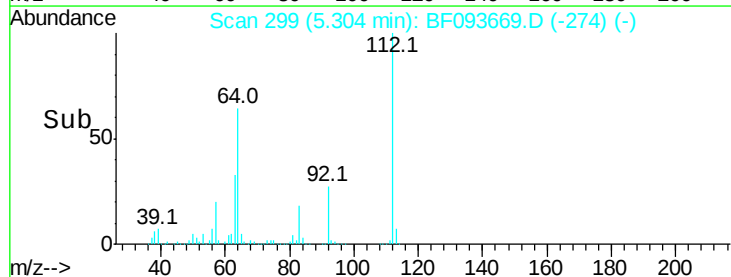
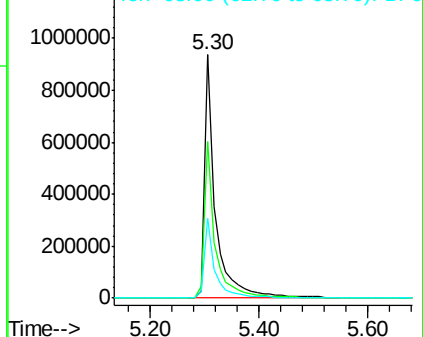
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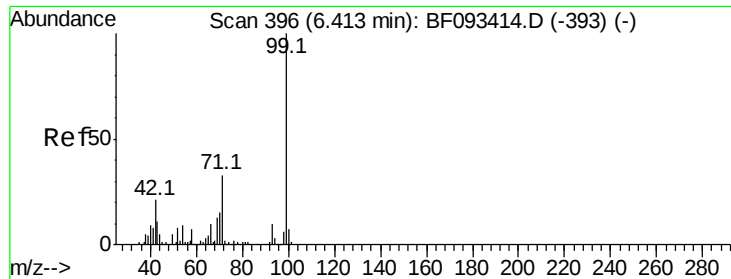
2-Fluorophenol
Concen: 132.78 ng
RT: 5.30 min Scan# 299
Delta R.T. -0.01 min
Lab File: BF093669.D
Acq: 15 Mar 2017 15:52

Tgt Ion:112 Resp: 1293991
Ion Ratio Lower Upper
112 100
64 64.4 46.1 69.1
63 32.8 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: 132.72 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093669.D

Acq: 15 Mar 2017 15:52

Instrument :

BNA_F

ClientSampleId :

E2-BB7-BASE

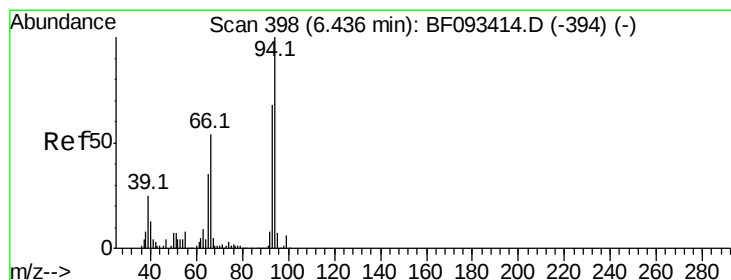
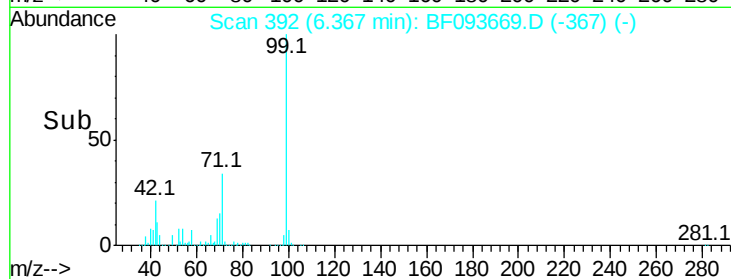
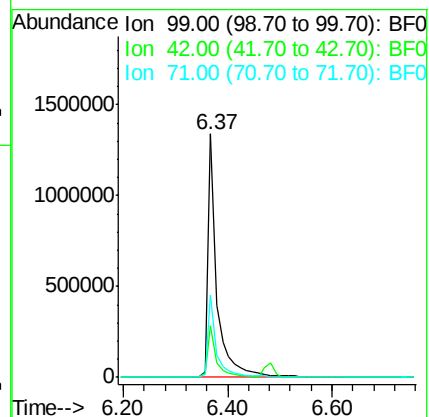
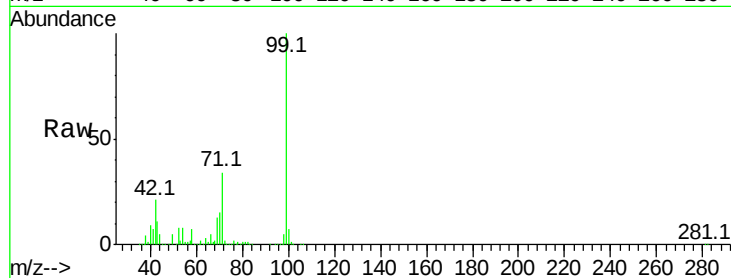
Tot Ion: 99 Resp: 1630988

Ion Ratio Lower Upper

99 100

42 21.2 15.6 23.4

71 33.8 27.5 41.3



#10

Phenol

Concen: 8.75 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF093669.D

Acq: 15 Mar 2017 15:52

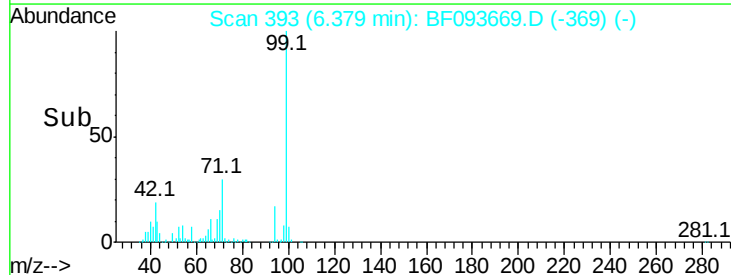
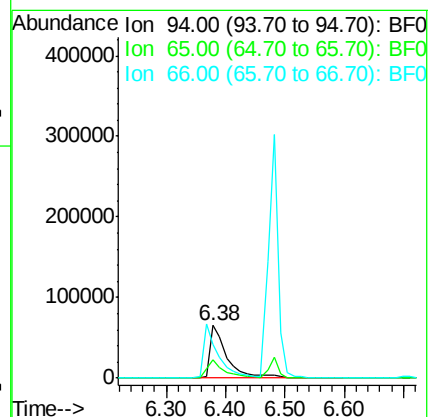
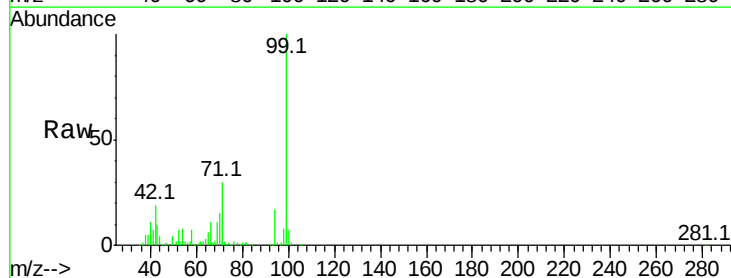
Tgt Ion: 94 Resp: 131797

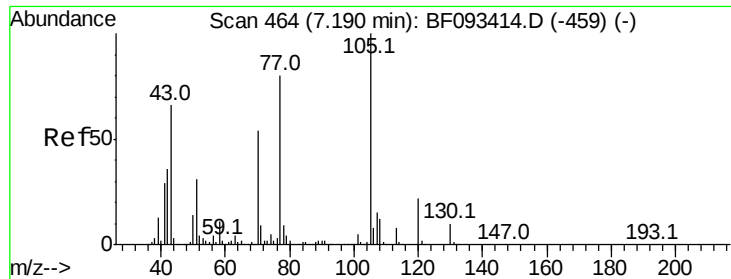
Ion Ratio Lower Upper

94 100

65 35.8 21.4 61.4

66 64.9 44.0 84.0

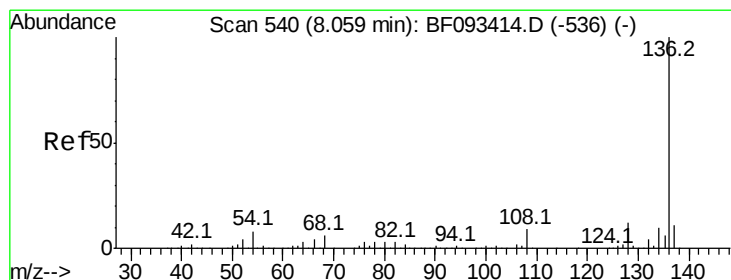
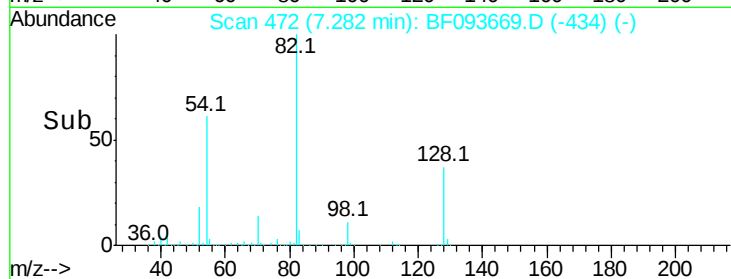
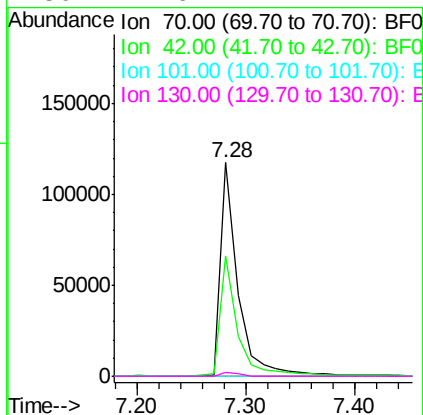
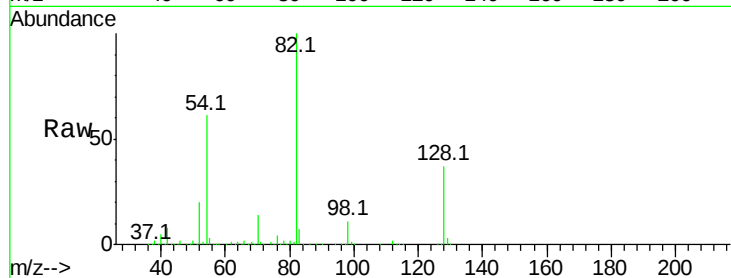




#19
n-Nitroso-di-n-propylamine
Concen: 15.66 ng
RT: 7.28 min Scan# 472
Delta R.T. 0.14 min
Lab File: BF093669.D
Acq: 15 Mar 2017 15:52

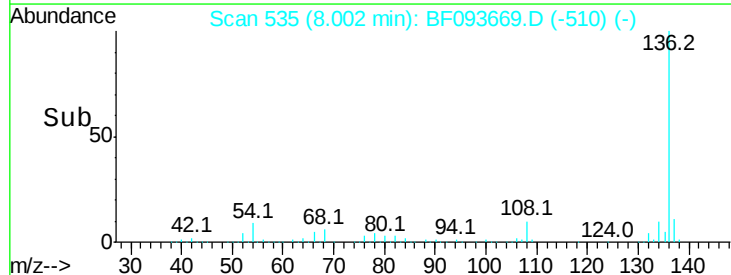
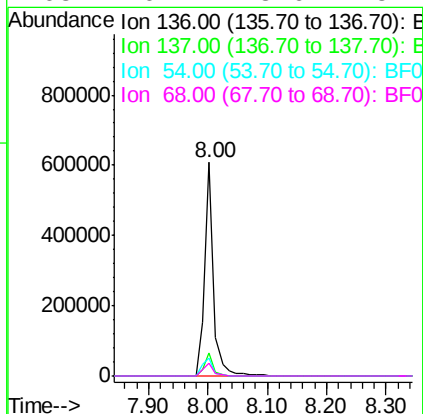
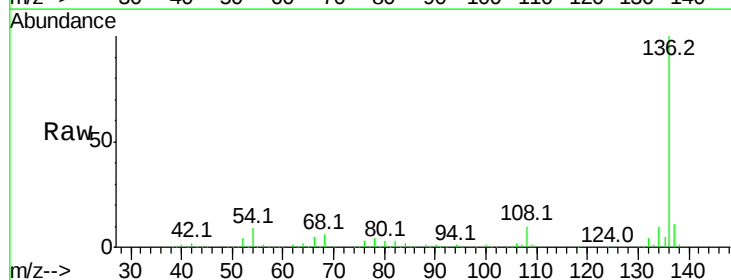
Instrument :
BNA_F
ClientSampleId :
E2-BB7-BASE

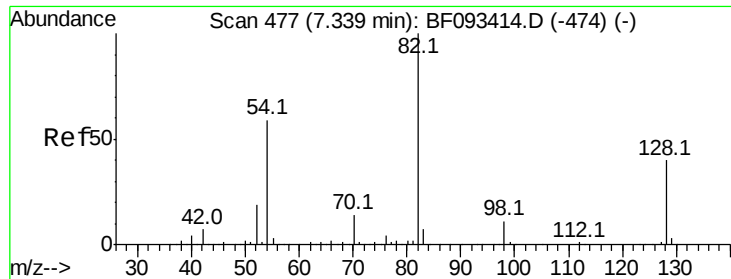
Tot Ion: 70 Resp: 132270
Ion Ratio Lower Upper
70 100
42 56.4 49.4 74.0
101 0.0 7.4 11.2#
130 1.6 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093669.D
Acq: 15 Mar 2017 15:52

Tgt Ion:136 Resp: 654844
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.7 4.5 6.7#
68 6.2 3.6 5.4#

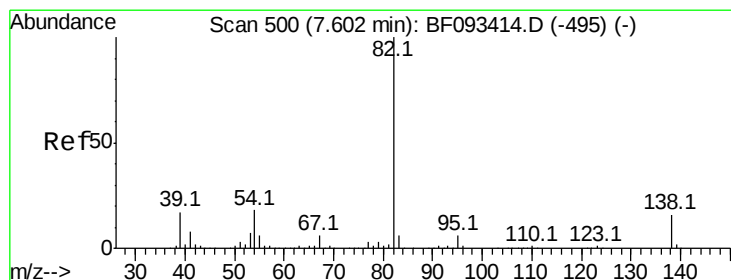
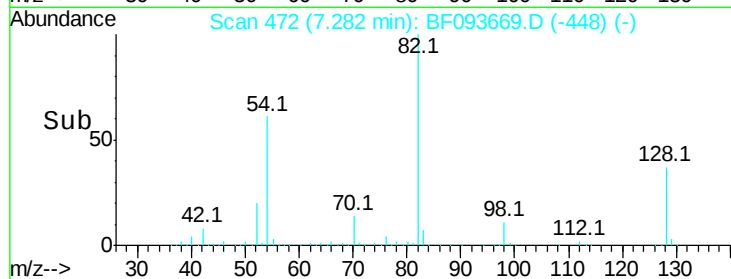
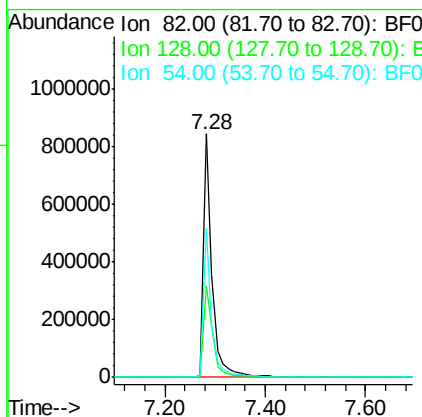
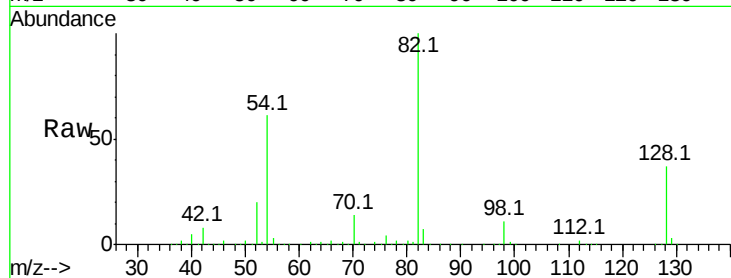




#23
 Nitrobenzene-d5
 Concen: 84.39 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.02 min
 Lab File: BF093669.D
 Acq: 15 Mar 2017 15:52

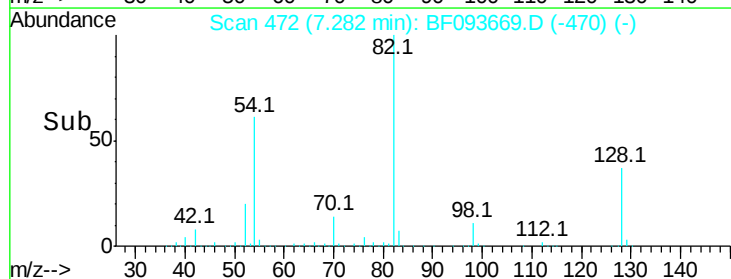
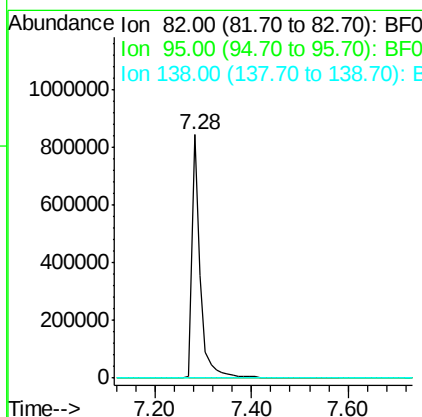
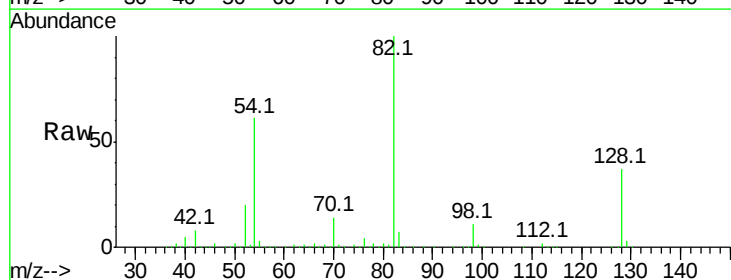
Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-BASE

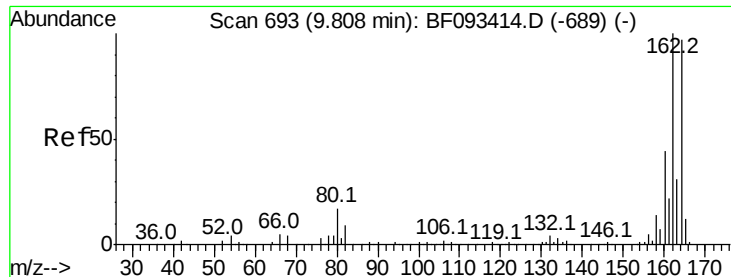
Tot Ion: 82 Resp: 996047
 Ion Ratio Lower Upper
 82 100
 128 37.3 34.6 52.0
 54 61.3 39.5 59.3#



#25
 Isophorone
 Concen: 41.38 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.27 min
 Lab File: BF093669.D
 Acq: 15 Mar 2017 15:52

Tgt Ion: 82 Resp: 984845
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#

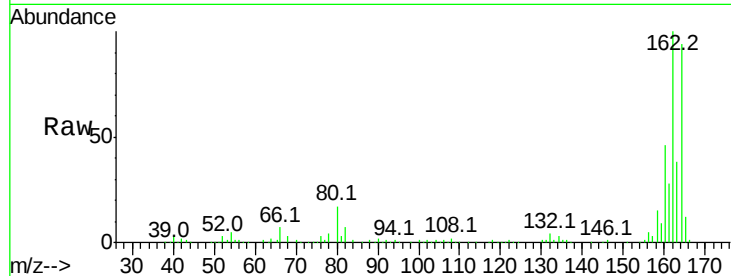




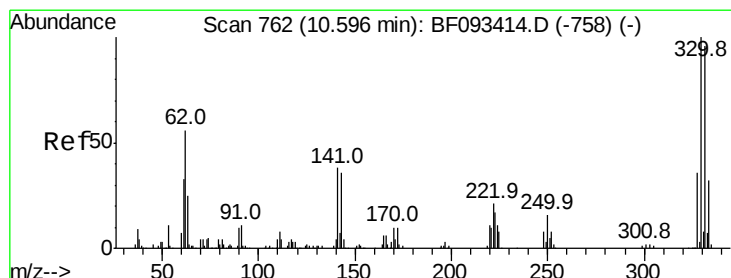
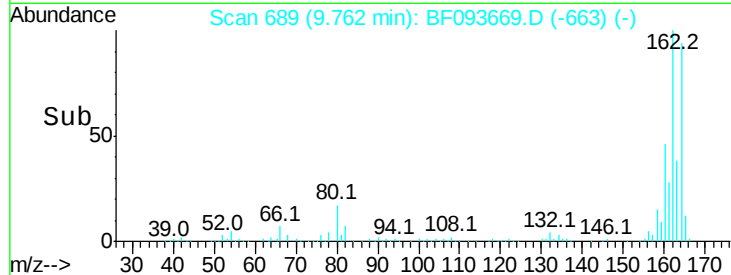
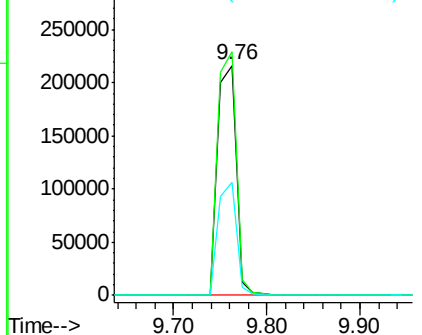
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF093669.D
 Acq: 15 Mar 2017 15:52

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-BASE

Tot Ion:164 Resp: 299643
 Ion Ratio Lower Upper
 164 100
 162 106.0 80.2 120.2
 160 49.0 36.9 55.3

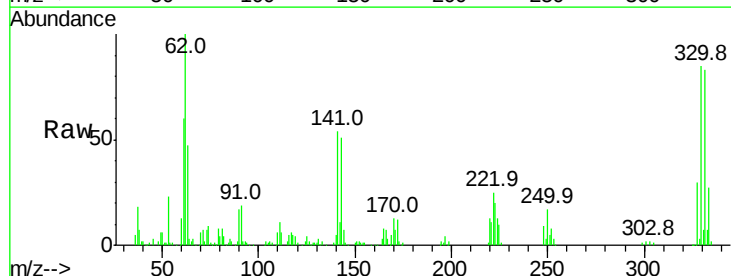


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

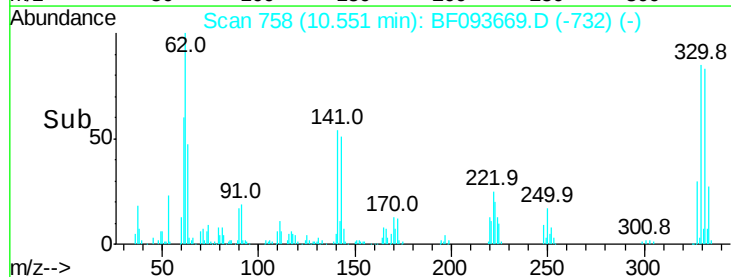
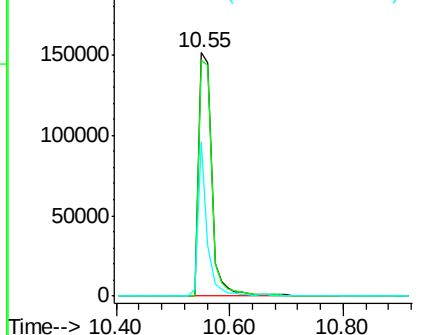


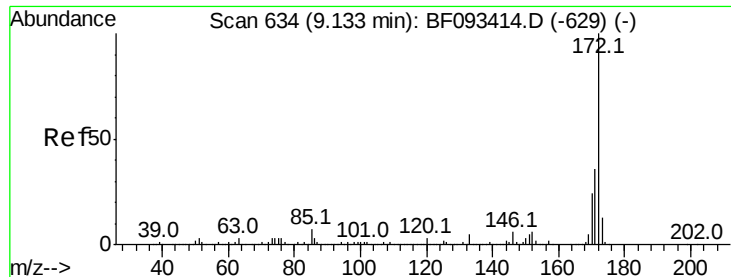
#41
 2,4,6-Tribromophenol
 Concen: 122.08 ng
 RT: 10.55 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF093669.D
 Acq: 15 Mar 2017 15:52

Tgt Ion:330 Resp: 238322
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.4 116.2
 141 43.1 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: 83.33 ng

RT: 9.08 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF093669.D

Acq: 15 Mar 2017 15:52

Instrument :

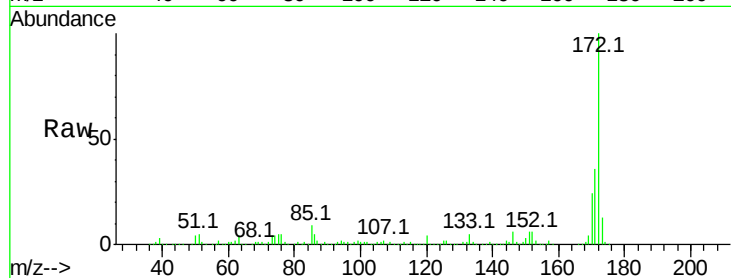
BNA_F

ClientSampleId :

E2-BB7-BASE

Tot Ion:172 Resp: 1342374

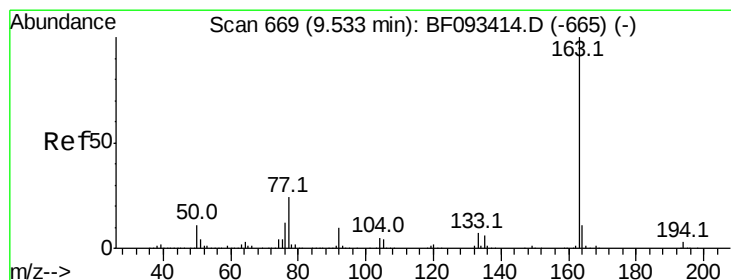
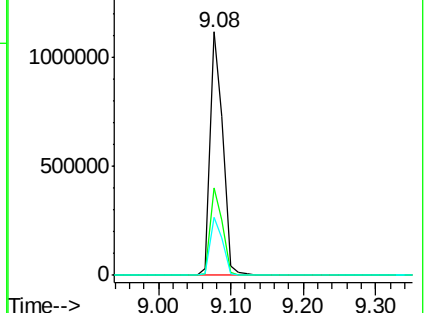
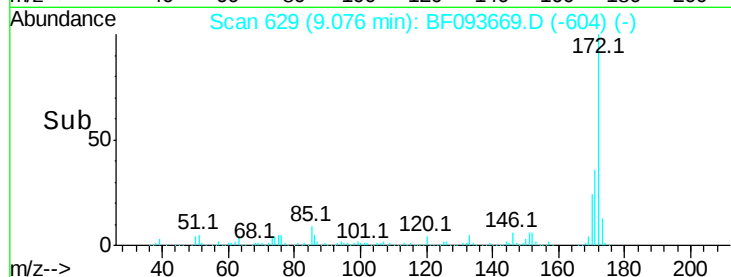
Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	24.0	20.2	30.4



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



#49

Dimethylphthalate

Concen: 18.93 ng

RT: 9.49 min Scan# 665

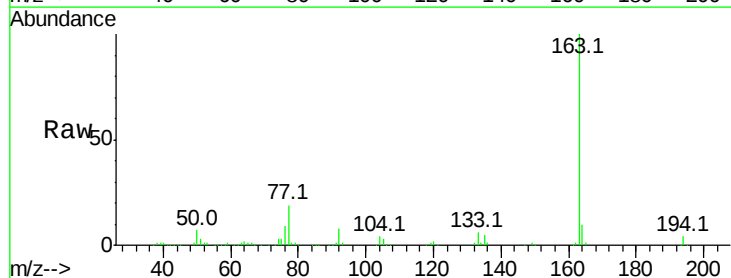
Delta R.T. -0.01 min

Lab File: BF093669.D

Acq: 15 Mar 2017 15:52

Tgt Ion:163 Resp: 376112

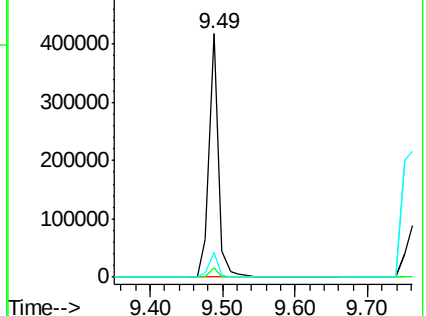
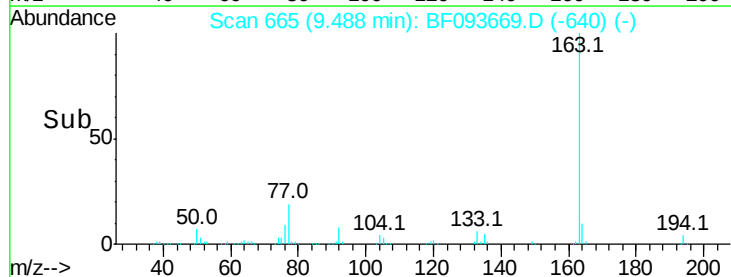
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	10.2	8.0	12.0

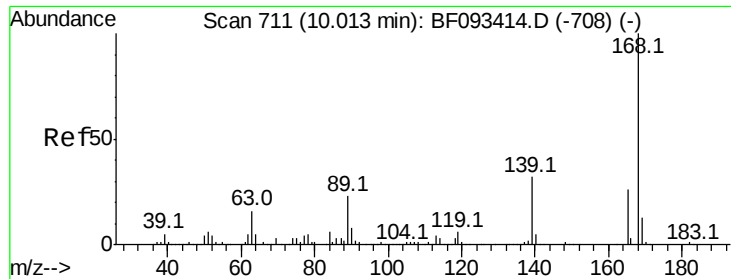


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

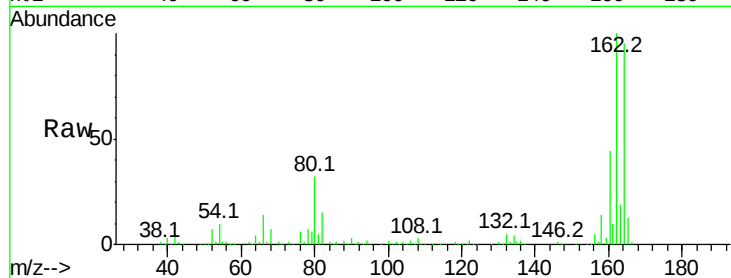




#56
 2,4-Dinitrotoluene
 Concen: 7.11 ng
 RT: 9.75 min Scan# 688
 Delta R.T. -0.23 min
 Lab File: BF093669.D
 Acq: 15 Mar 2017 15:52

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-BASE

Tot Ion:	165	Resp:	38060
Ion	Ratio	Lower	Upper
165	100		
63	1.9	40.2	60.4#
89	2.0	62.5	93.7#
182	0.0	1.8	2.8#

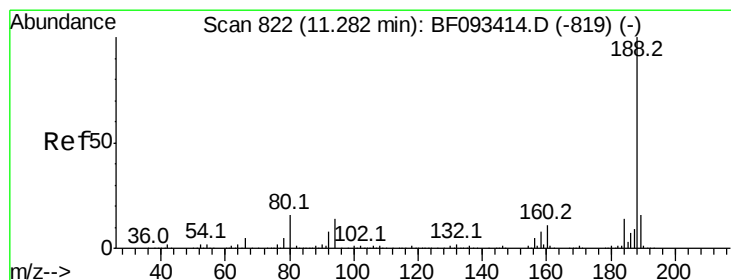
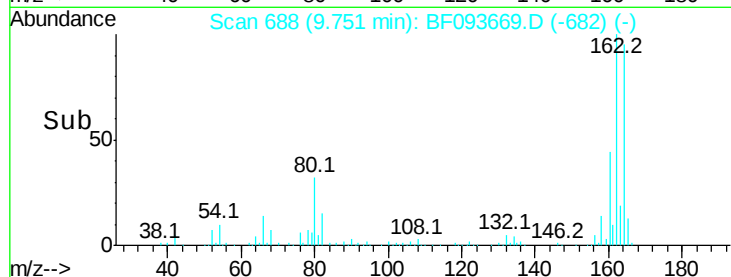
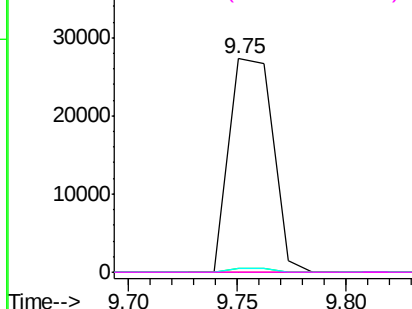


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

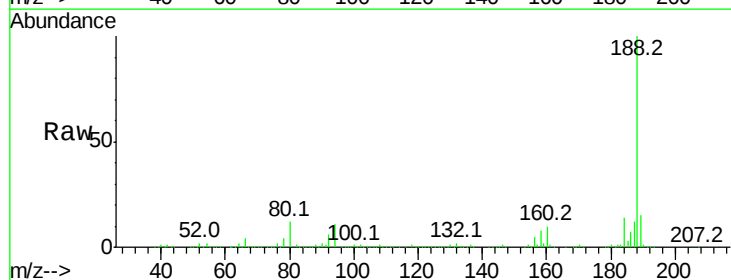
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF093669.D
 Acq: 15 Mar 2017 15:52

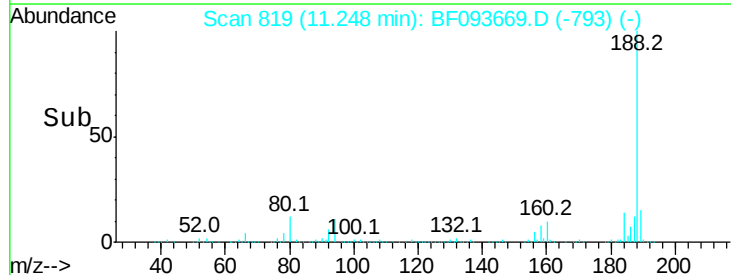
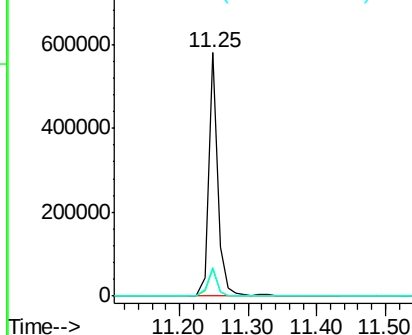
Tgt Ion:	188	Resp:	535909
Ion	Ratio	Lower	Upper
188	100		
94	11.3	10.0	15.0
80	11.8	11.2	16.8

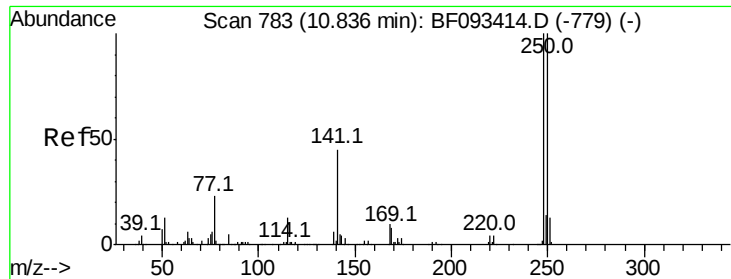


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

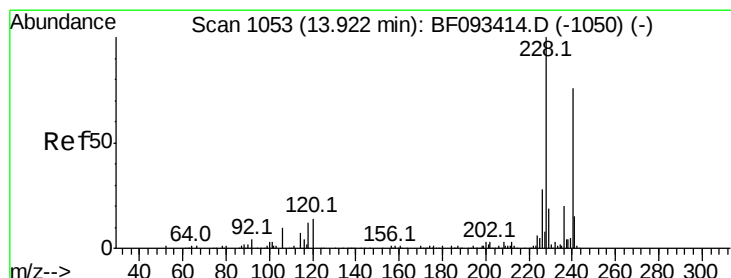
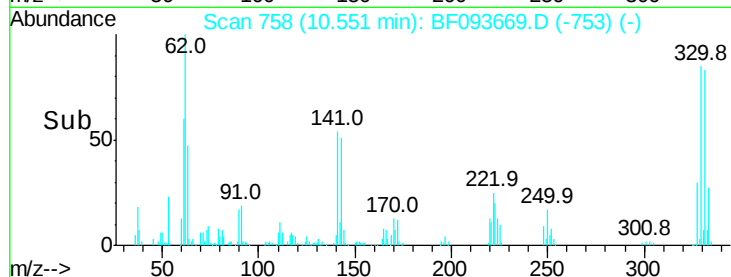
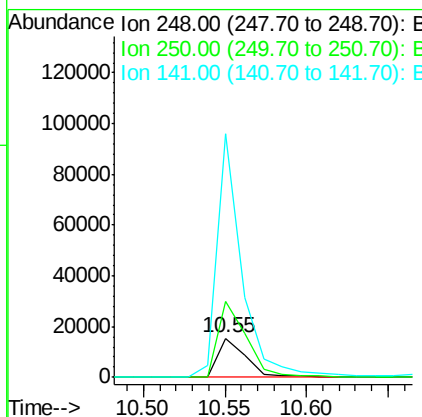
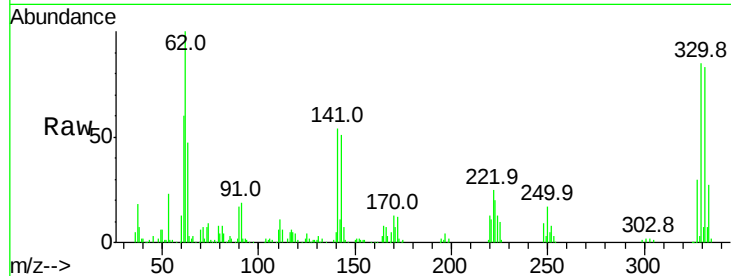




#66
4-Bromophenyl-phenylether
Concen: 3.22 ng
RT: 10.55 min Scan# 758
Delta R.T. -0.24 min
Lab File: BF093669.D
Acq: 15 Mar 2017 15:52

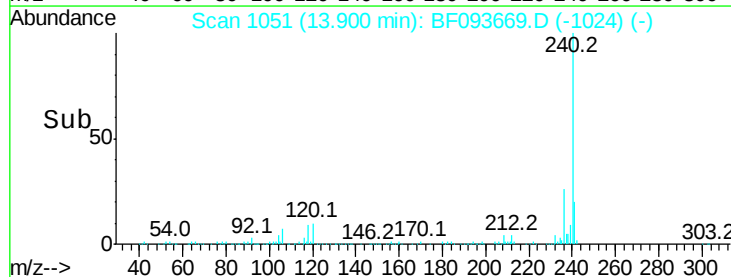
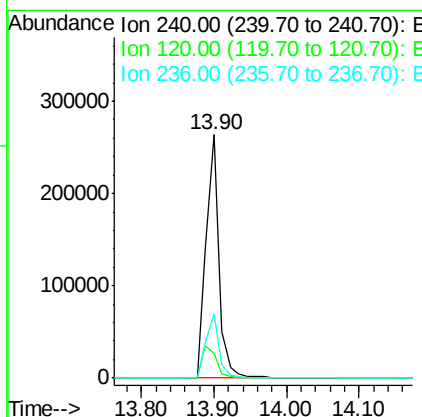
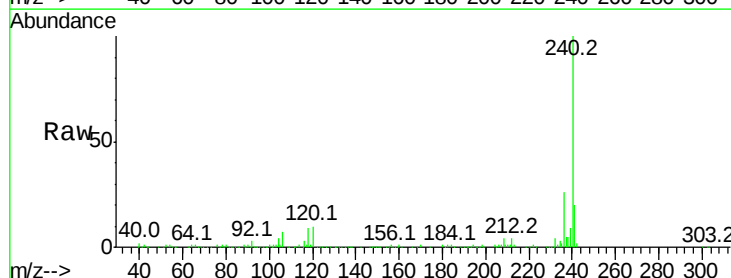
Instrument :
BNA_F
ClientSampleId :
E2-BB7-BASE

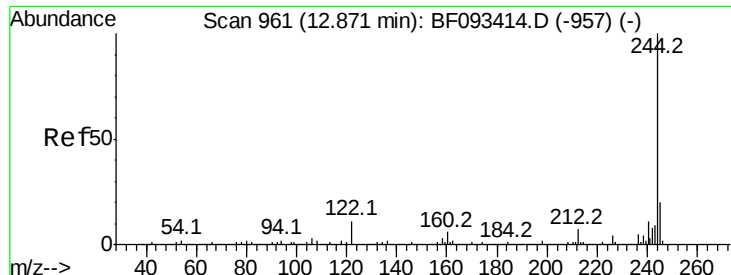
Tot Ion:248 Resp: 18231
Ion Ratio Lower Upper
248 100
250 193.3 76.9 115.3#
141 624.7 68.2 102.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BF093669.D
Acq: 15 Mar 2017 15:52

Tgt Ion:240 Resp: 327482
Ion Ratio Lower Upper
240 100
120 10.4 12.9 19.3#
236 26.4 20.9 31.3





#78

Terphenyl-d14

Concen: 70.25 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093669.D

Acq: 15 Mar 2017 15:52

Instrument :

BNA_F

ClientSampleId :

E2-BB7-BASE

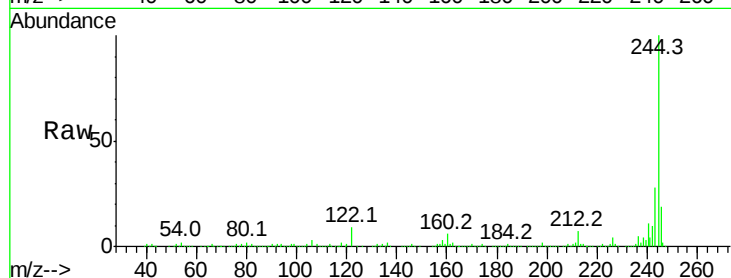
Tot Ion:244 Resp: 884814

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

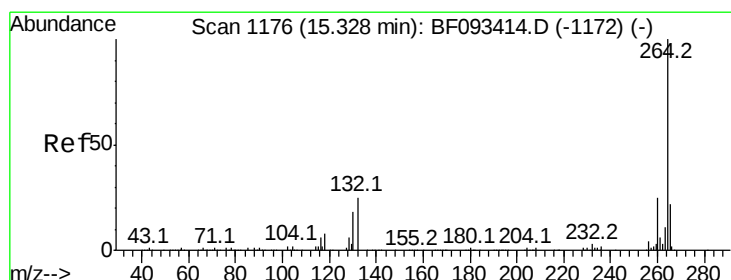
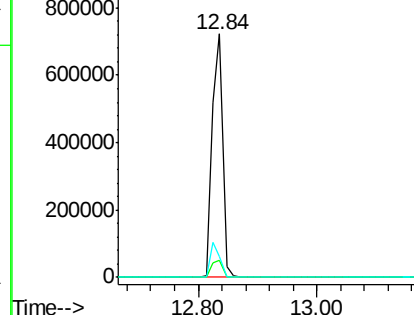
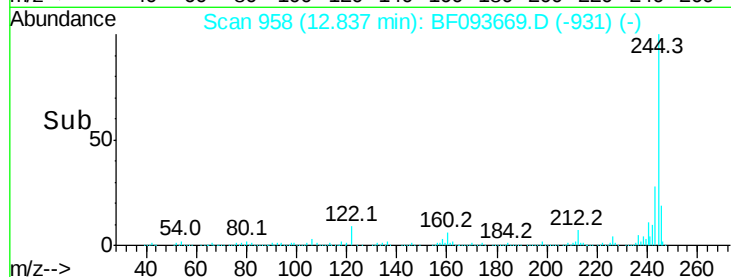
122 8.6 11.4 17.2#



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: 15.29 min Scan# 1173

Delta R.T. 0.01 min

Lab File: BF093669.D

Acq: 15 Mar 2017 15:52

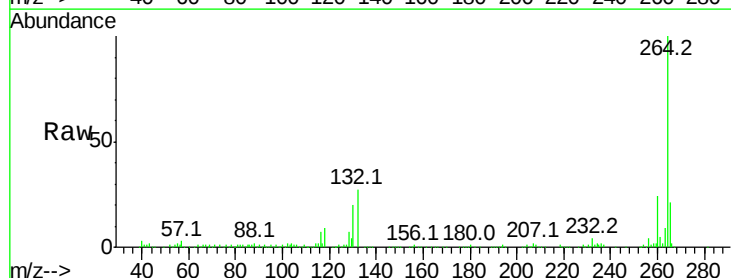
Tgt Ion:264 Resp: 292972

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 20.6 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

