

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
 Data File : BF093613.D
 Acq On : 13 Mar 2017 17:56
 Operator : SJ/MA
 Sample : I2174-23
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-74

Quant Time: Mar 14 01:39:08 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	158443	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	623843	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	193354	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	498291	20.00	ng	0.00
75) Chrysene-d12	13.90	240	112820	20.00	ng	0.01
86) Perylene-d12	15.32	264	3048	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1312807	137.90	ng	0.00
7) Phenol-d6	6.37	99	1380073	114.96	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1097607	97.62	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	311778	247.49	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	1713990	164.88	ng	0.00
78) Terphenyl-d14	12.84	244	1201471	276.88	ng	0.01

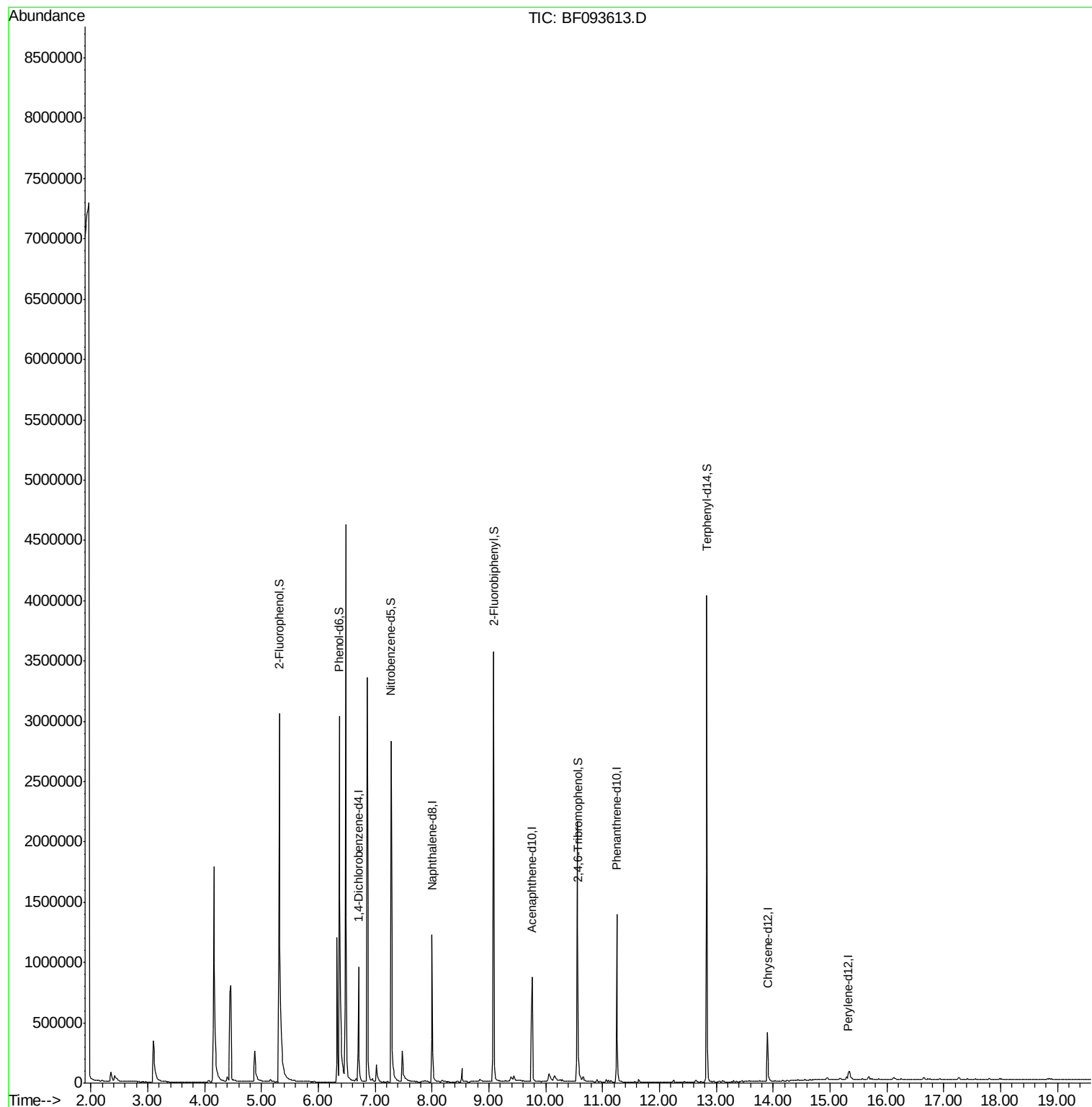
Target Compounds Qvalue

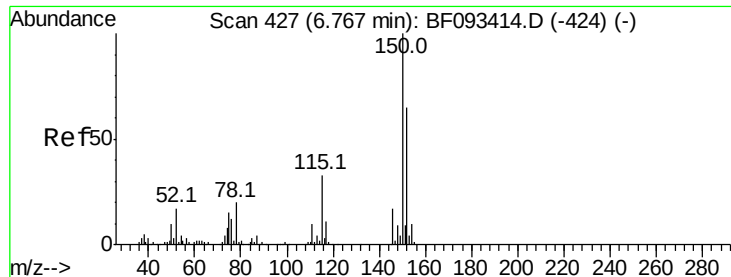
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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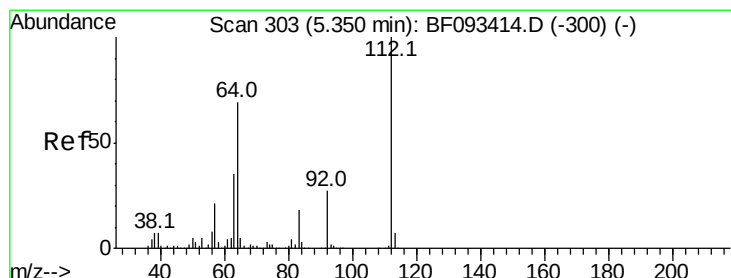
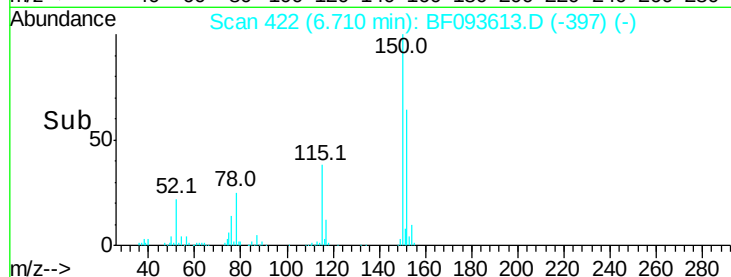
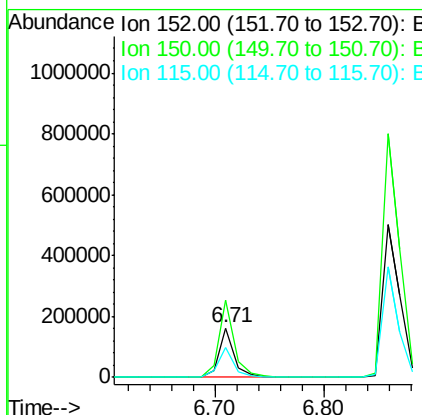
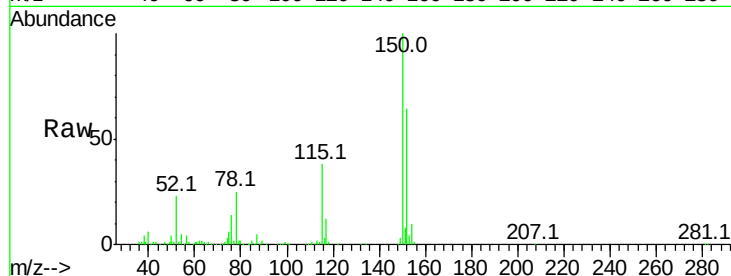


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF093613.D
Acq: 13 Mar 2017 17:56

Instrument :
BNA_F
ClientSampleId :
D-74

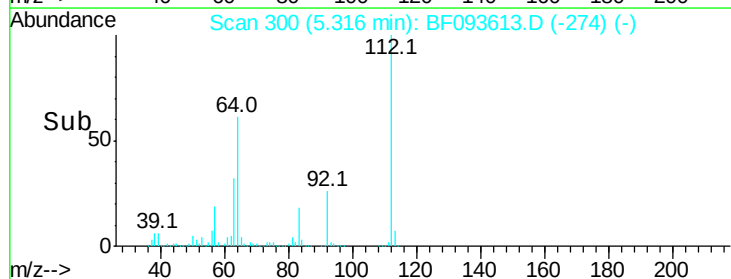
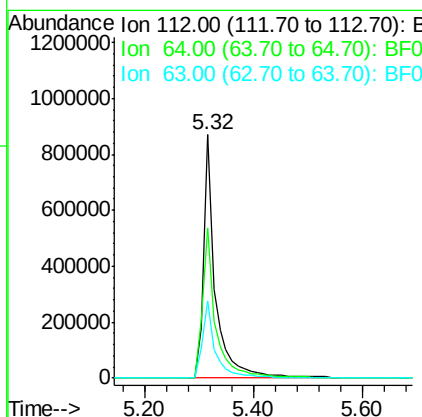
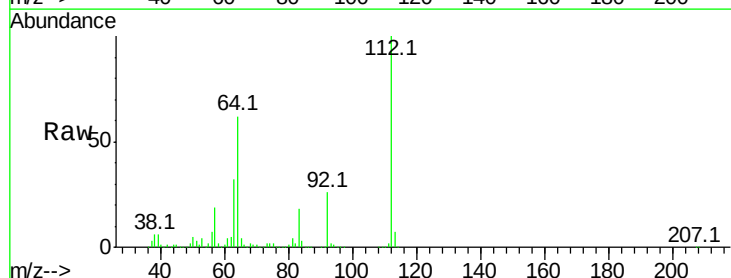
Tot Ion:152 Resp: 158443
Ion Ratio Lower Upper
152 100
150 156.6 124.9 187.3
115 59.8 46.0 69.0

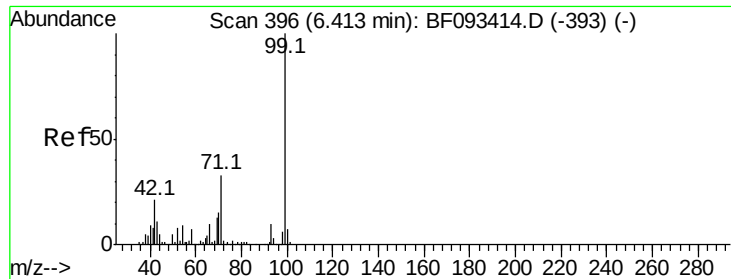


#5

2-Fluorophenol
Concen: 137.90 ng
RT: 5.32 min Scan# 300
Delta R.T. -0.00 min
Lab File: BF093613.D
Acq: 13 Mar 2017 17:56

Tgt Ion:112 Resp: 1312807
Ion Ratio Lower Upper
112 100
64 61.5 46.1 69.1
63 31.7 23.8 35.6





#7

Phenol-d6

Concen: 114.96 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093613.D

Acq: 13 Mar 2017 17:56

Instrument :

BNA_F

ClientSampled :

D-74

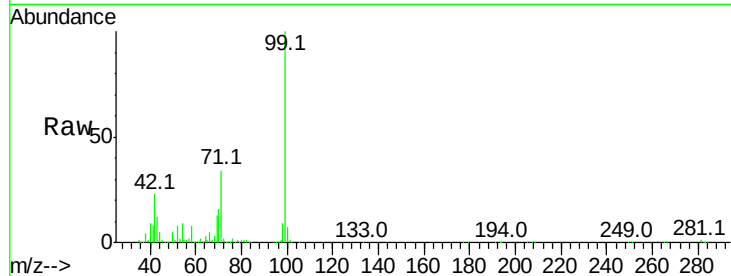
Tot Ion: 99 Resp: 1380073

Ion Ratio Lower Upper

99 100

42 22.8 15.6 23.4

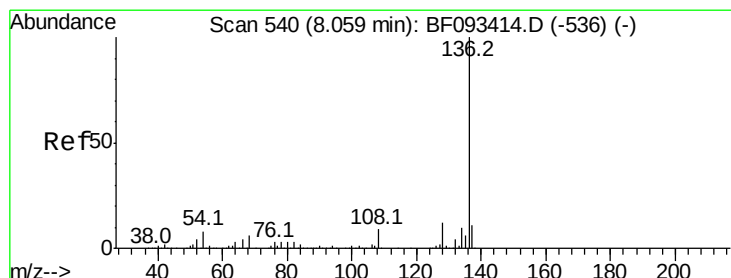
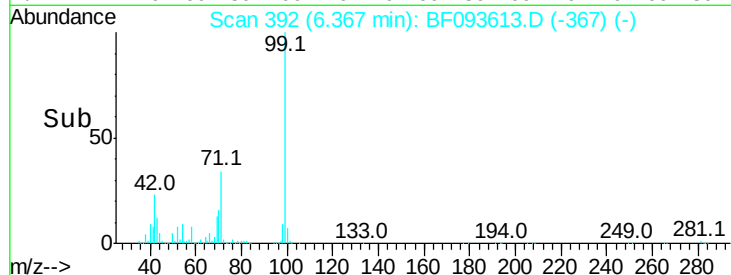
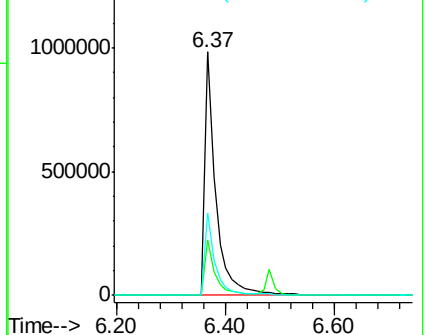
71 33.8 27.5 41.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF093613.D

Acq: 13 Mar 2017 17:56

Tgt Ion: 136 Resp: 623843

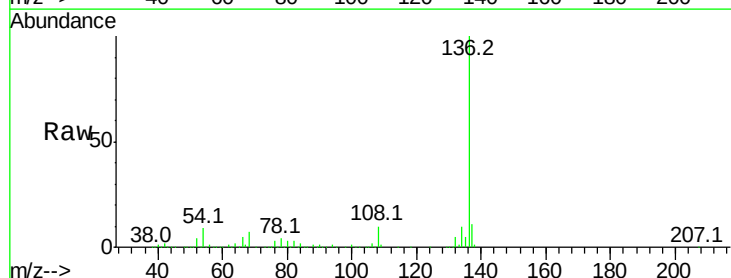
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 8.7 4.5 6.7#

68 6.8 3.6 5.4#

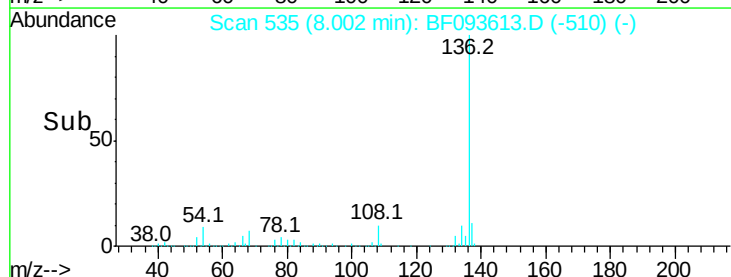
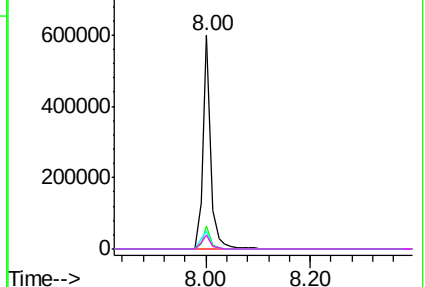


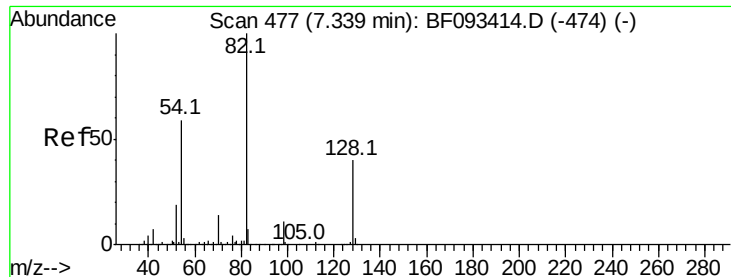
Abundance Ion 136.00 (135.70 to 136.70): E

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

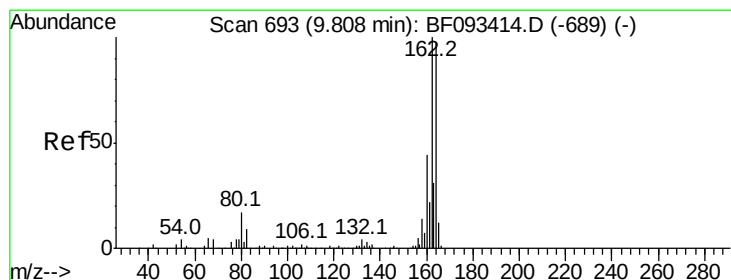
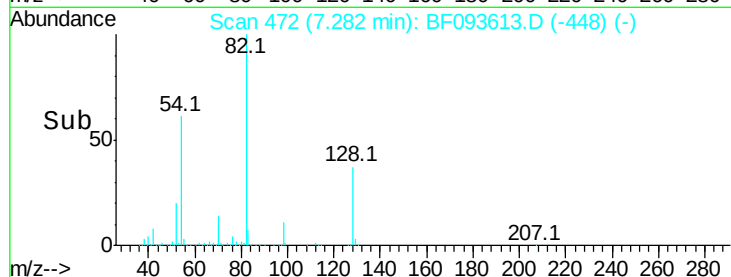
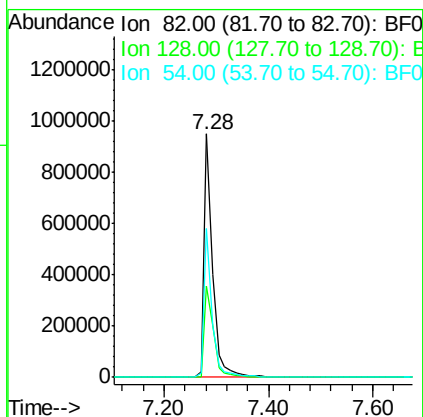
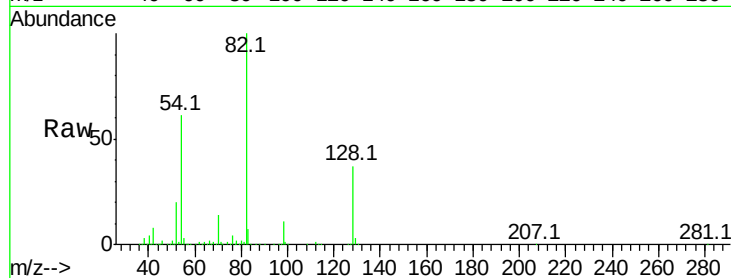




#23
Nitrobenzene-d5
Concen: 97.62 ng
RT: 7.28 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF093613.D
Acq: 13 Mar 2017 17:56

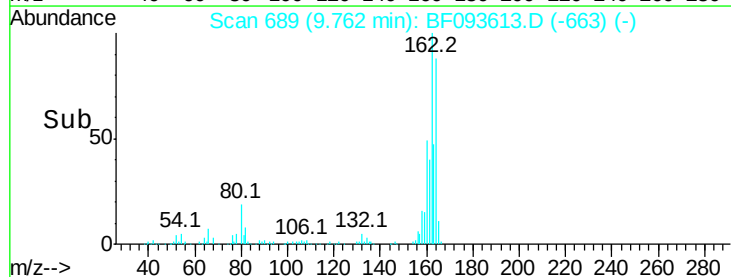
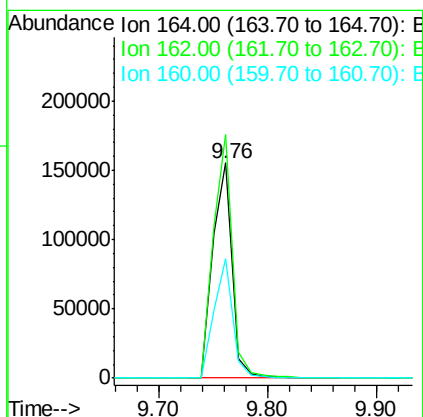
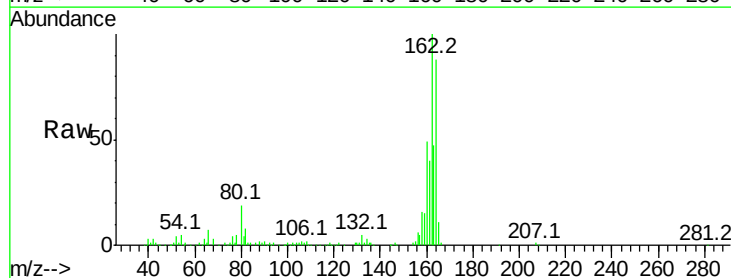
Instrument :
BNA_F
ClientSampleId :
D-74

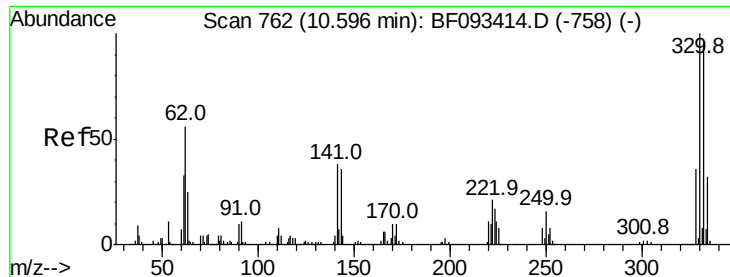
Tot Ion: 82 Resp: 1097607
Ion Ratio Lower Upper
82 100
128 37.3 34.6 52.0
54 60.9 39.5 59.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF093613.D
Acq: 13 Mar 2017 17:56

Tgt Ion:164 Resp: 193354
Ion Ratio Lower Upper
164 100
162 113.1 80.2 120.2
160 55.4 36.9 55.3#

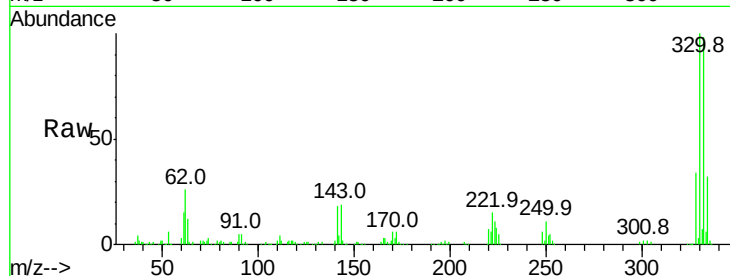




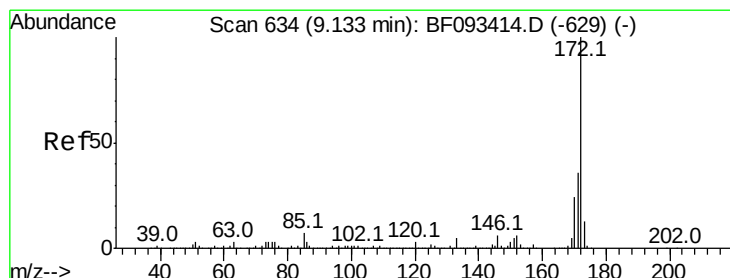
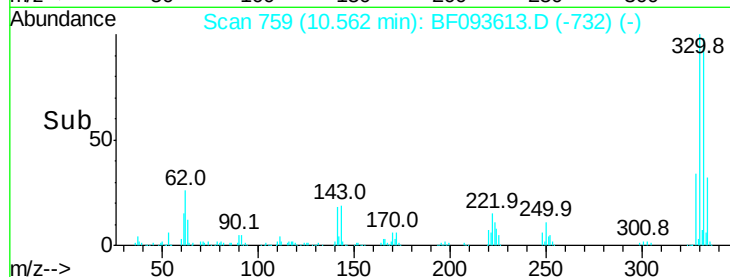
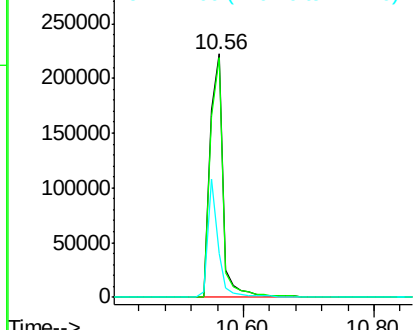
#41
 2,4,6-Tribromophenol
 Concen: 247.49 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093613.D
 Acq: 13 Mar 2017 17:56

Instrument :
 BNA_F
 ClientSampleId :
 D-74

Tot Ion:330 Resp: 311778
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.4 116.2
 141 39.6 34.1 51.1

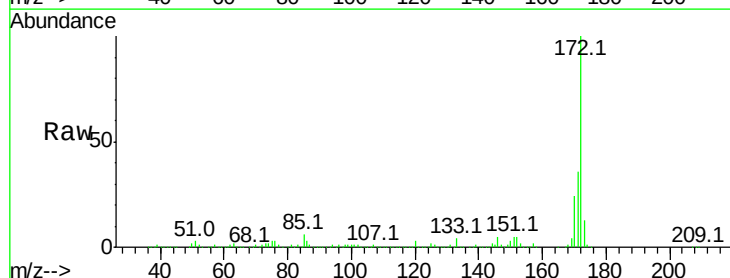


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

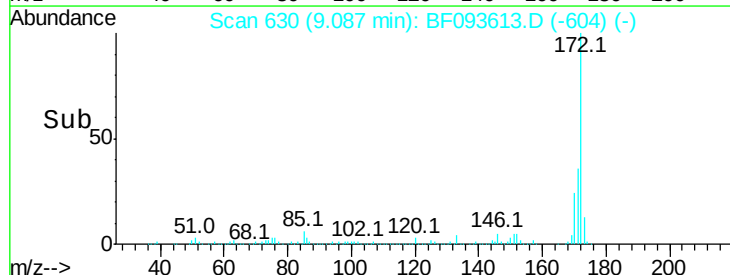
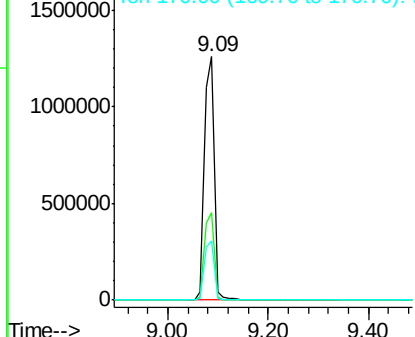


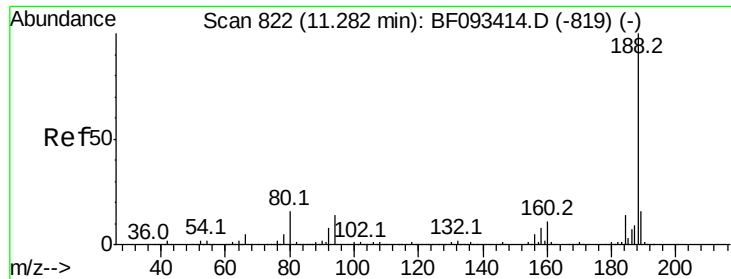
#44
 2-Fluorobiphenyl
 Concen: 164.88 ng
 RT: 9.09 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF093613.D
 Acq: 13 Mar 2017 17:56

Tgt Ion:172 Resp: 1713990
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.3 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF093613.D

Acq: 13 Mar 2017 17:56

Instrument :

BNA_F

ClientSampleId :

D-74

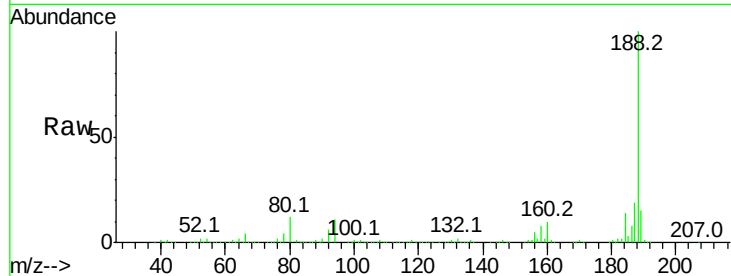
Tot Ion:188 Resp: 498291

Ion Ratio Lower Upper

188 100

94 11.2 10.0 15.0

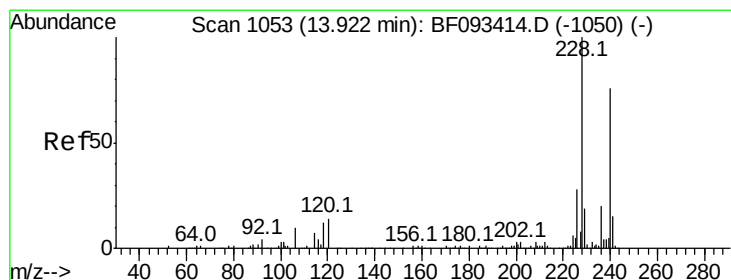
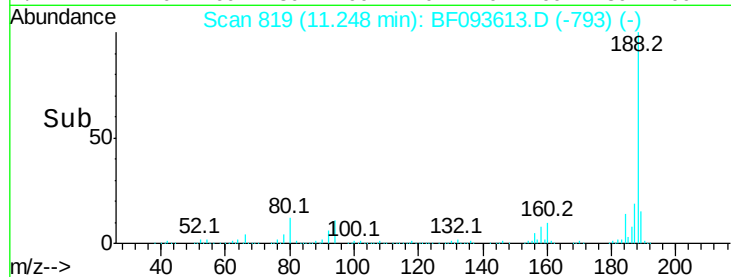
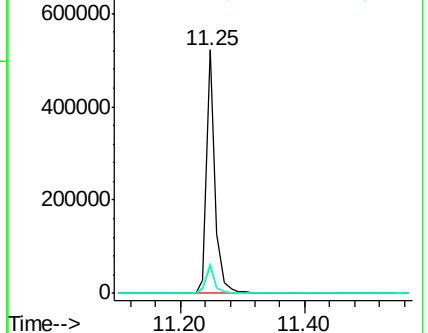
80 12.0 11.2 16.8



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: 13.90 min Scan# 1051

Delta R.T. 0.01 min

Lab File: BF093613.D

Acq: 13 Mar 2017 17:56

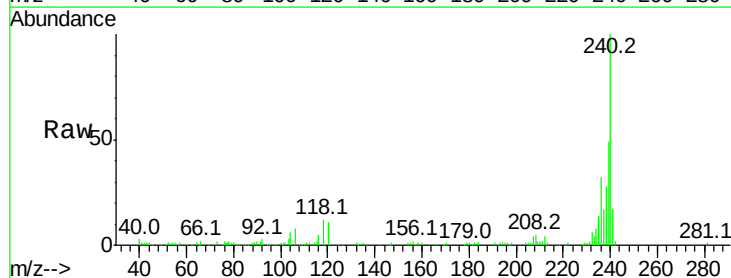
Tgt Ion:240 Resp: 112820

Ion Ratio Lower Upper

240 100

120 11.1 12.9 19.3#

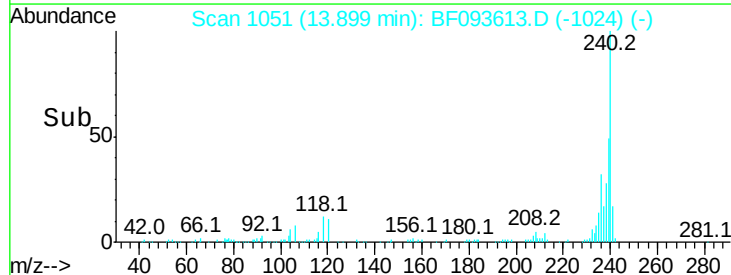
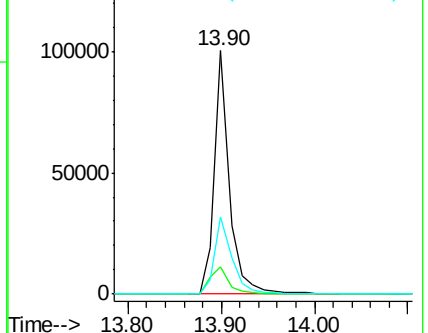
236 31.9 20.9 31.3#

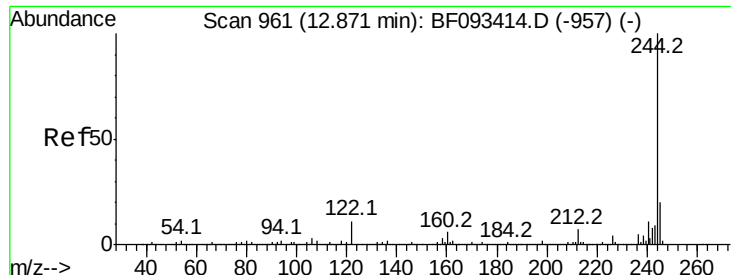


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 276.88 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093613.D

Acq: 13 Mar 2017 17:56

Instrument :

BNA_F

ClientSampleId :

D-74

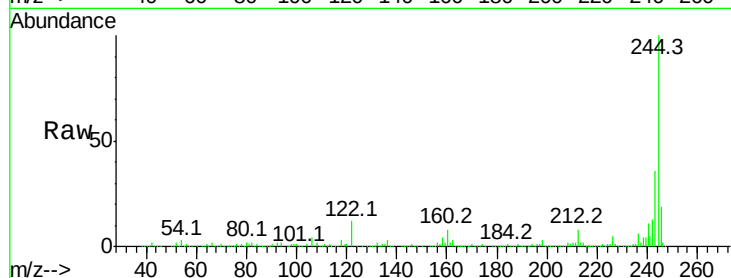
Tot Ion:244 Resp: 1201471

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

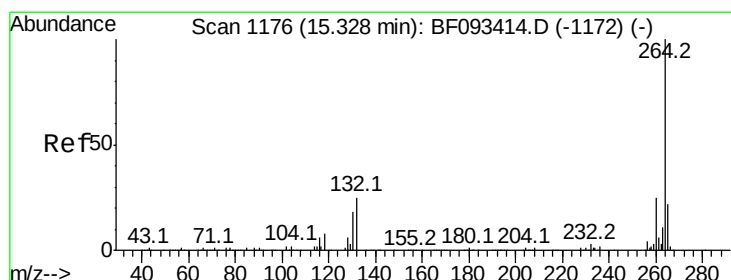
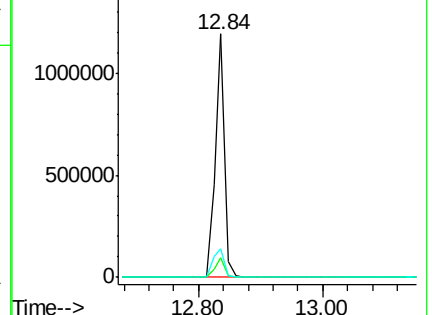
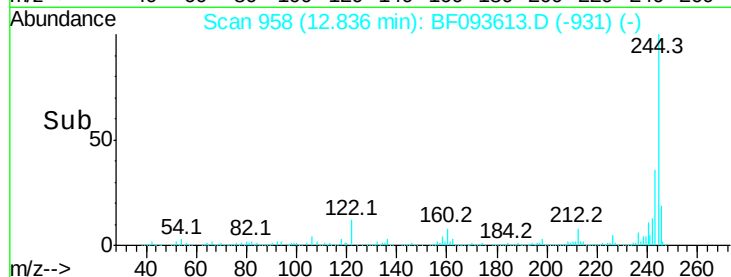
122 11.8 11.4 17.2



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: 15.32 min Scan# 1175

Delta R.T. 0.03 min

Lab File: BF093613.D

Acq: 13 Mar 2017 17:56

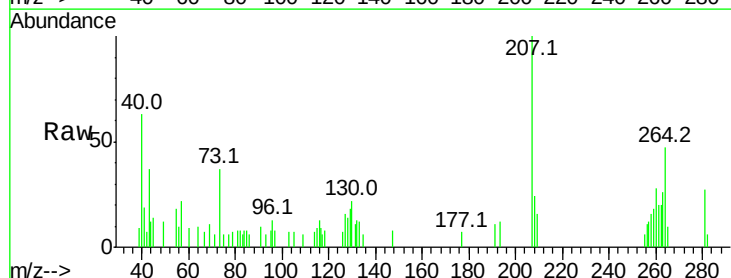
Tgt Ion:264 Resp: 3048

Ion Ratio Lower Upper

264 100

260 60.9 19.2 28.8#

265 22.5 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

