

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
 Data File : BF093547.D
 Acq On : 11 Mar 2017 3:05
 Operator : SJ/MA
 Sample : I2198-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-13

Quant Time: Mar 11 04:57:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

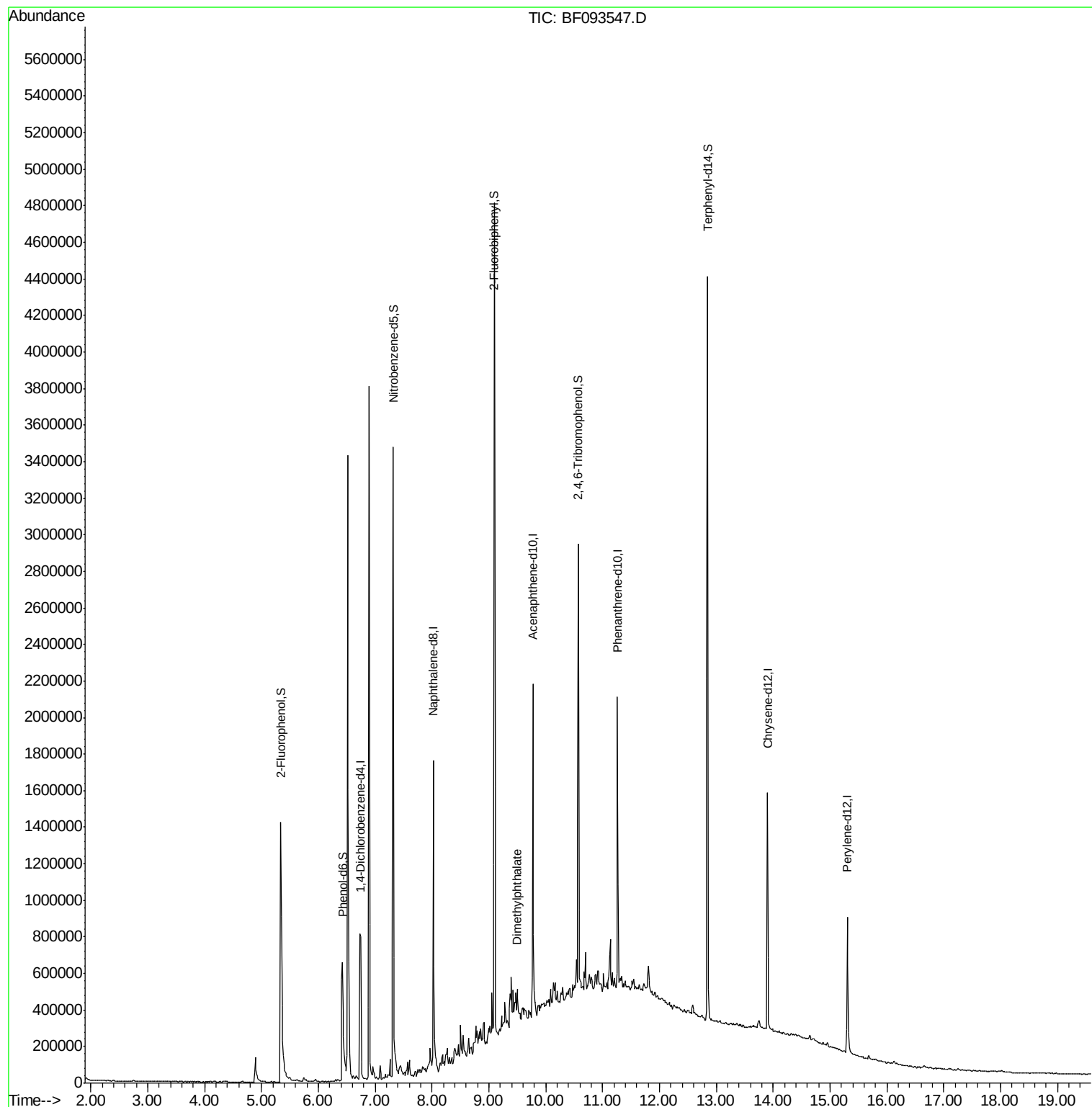
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	187668	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	762279	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	350396	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	606415	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	471502	20.00	ng	-0.02
86) Perylene-d12	15.31	264	358600	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	666840	59.14	ng	-0.01
7) Phenol-d6	6.42	99	546339	38.42	ng	0.01
23) Nitrobenzene-d5	7.32	82	1161407	84.54	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	297816	130.46	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1635684	86.83	ng	-0.03
78) Terphenyl-d14	12.85	244	1402561	77.34	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.50	163	51108	2.20	ng	Qvalue # 95

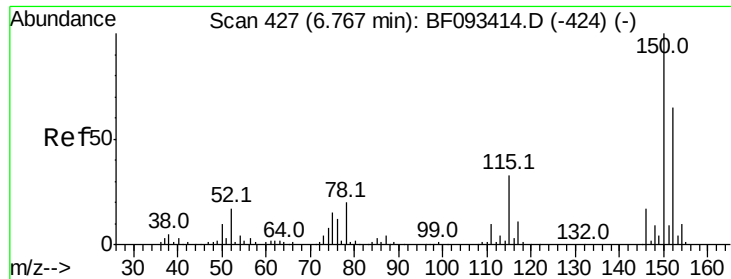
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF093547.D

Acq: 11 Mar 2017 3:05

Instrument :

BNA_F

ClientSampleId :

W-13

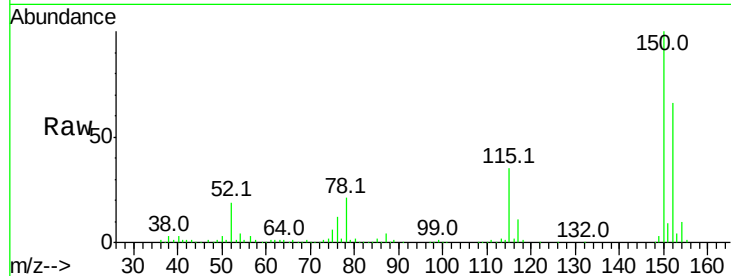
Tot Ion:152 Resp: 187668

Ion Ratio Lower Upper

152 100

150 150.4 124.9 187.3

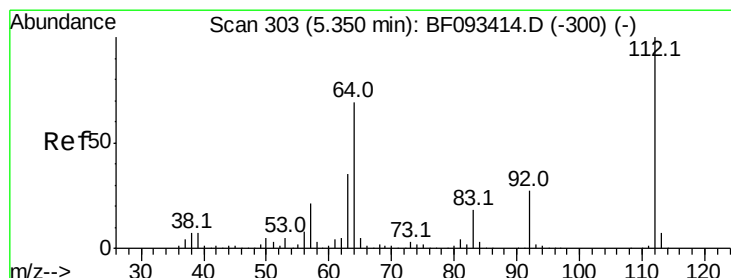
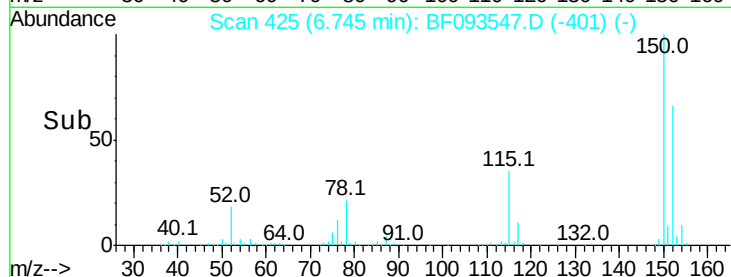
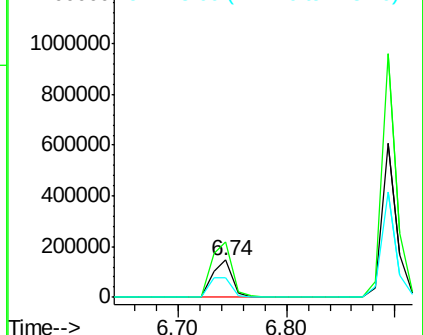
115 52.5 46.0 69.0



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: 59.14 ng

RT: 5.34 min Scan# 302

Delta R.T. -0.01 min

Lab File: BF093547.D

Acq: 11 Mar 2017 3:05

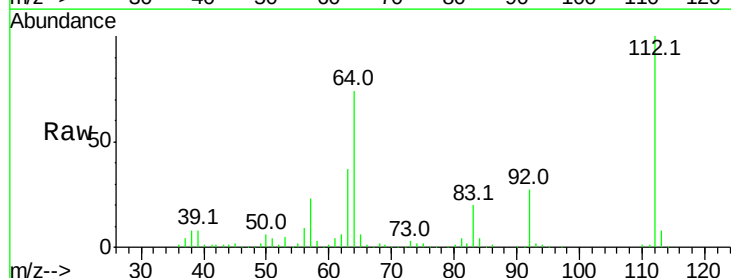
Tgt Ion:112 Resp: 666840

Ion Ratio Lower Upper

112 100

64 73.7 46.1 69.1#

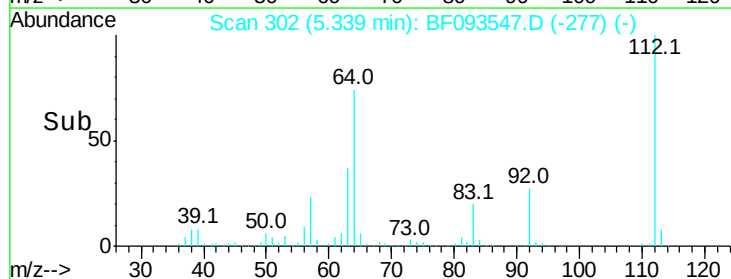
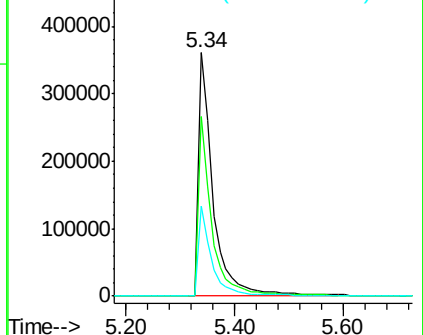
63 37.1 23.8 35.6#

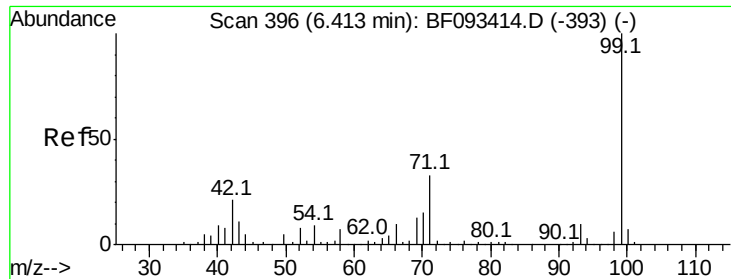


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.42 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF093547.D

Acq: 11 Mar 2017 3:05

Instrument :

BNA_F

ClientSampleId :

W-13

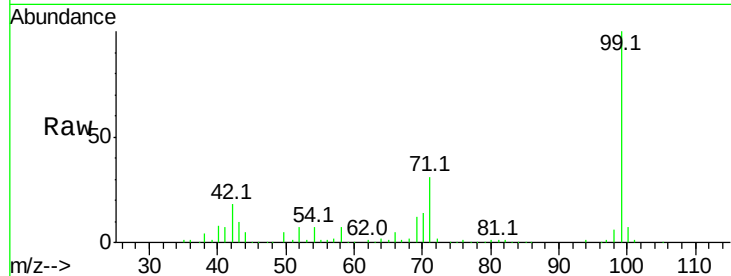
Tot Ion: 99 Resp: 546339

Ion Ratio Lower Upper

99 100

42 18.3 15.6 23.4

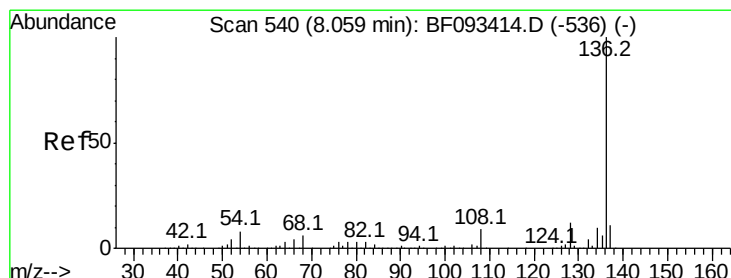
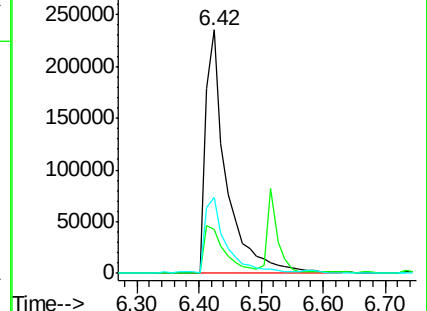
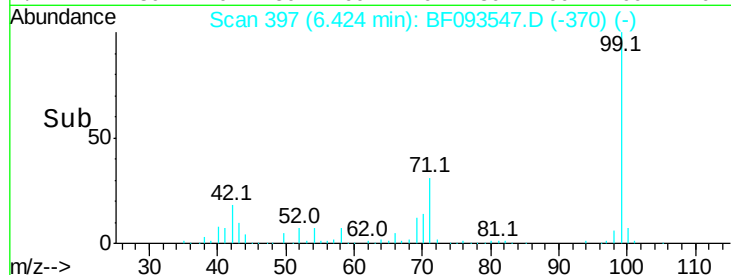
71 31.1 27.5 41.3



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: 8.02 min Scan# 537

Delta R.T. -0.03 min

Lab File: BF093547.D

Acq: 11 Mar 2017 3:05

Tgt Ion: 136 Resp: 762279

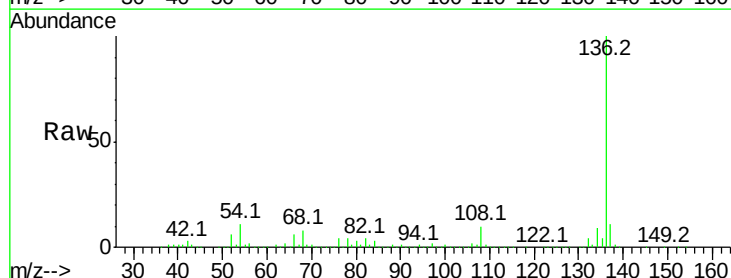
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 11.4 4.5 6.7#

68 8.4 3.6 5.4#

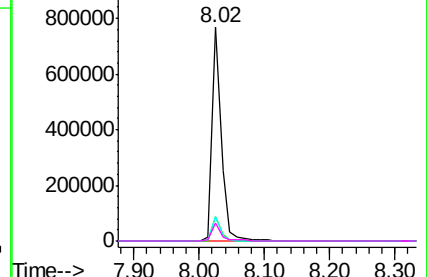
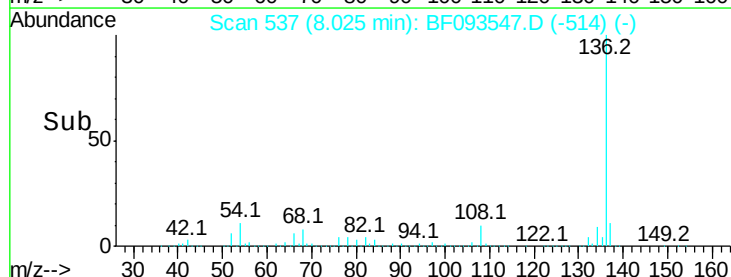


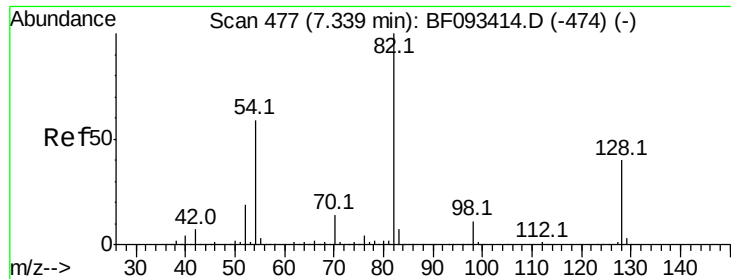
Abundance Ion 136.00 (135.70 to 136.70): E

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



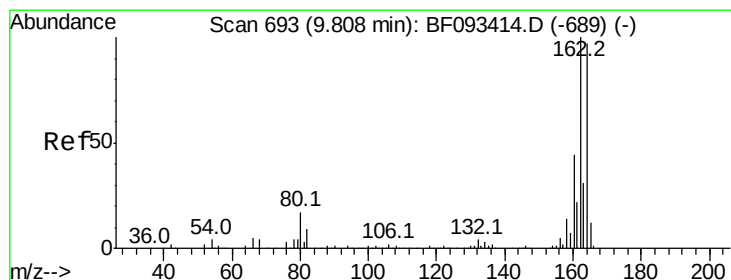
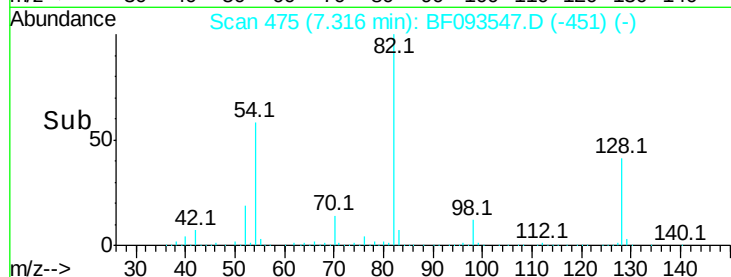
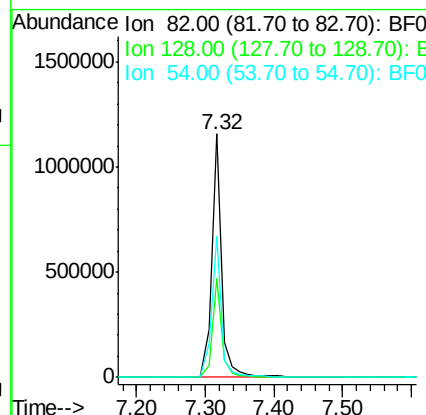
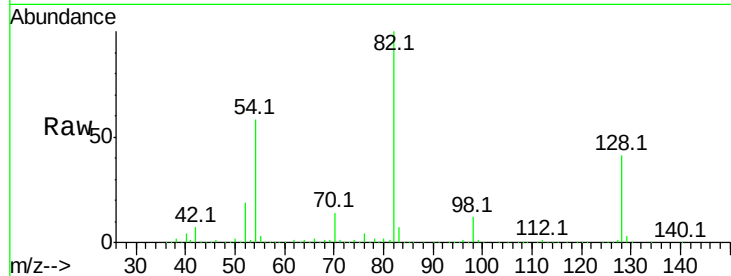


#23
 Nitrobenzene-d5
 Concen: 84.54 ng
 RT: 7.32 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF093547.D
 Acq: 11 Mar 2017 3:05

Instrument :
 BNA_F
 ClientSampleId :
 W-13

Tot Ion: 82 Resp: 1161407

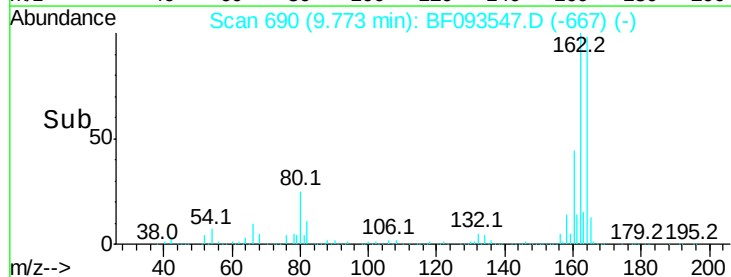
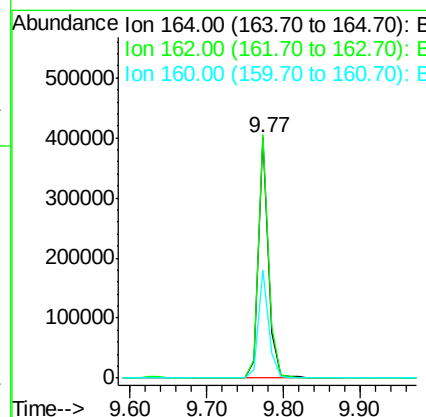
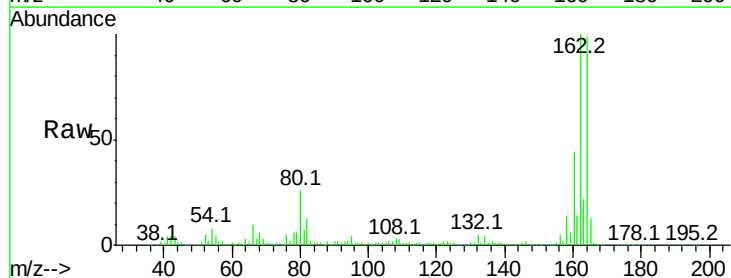
Ion	Ratio	Lower	Upper
82	100		
128	40.7	34.6	52.0
54	57.8	39.5	59.3

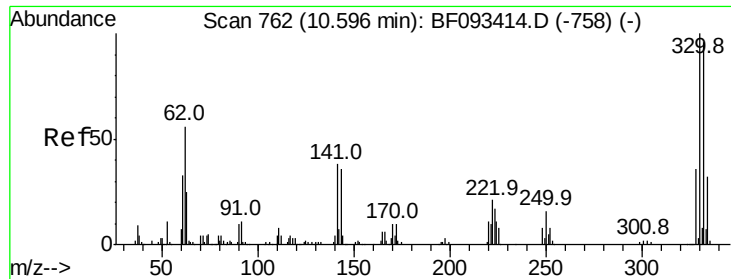


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 690
 Delta R.T. -0.03 min
 Lab File: BF093547.D
 Acq: 11 Mar 2017 3:05

Tgt Ion:164 Resp: 350396

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.2	120.2
160	44.6	36.9	55.3

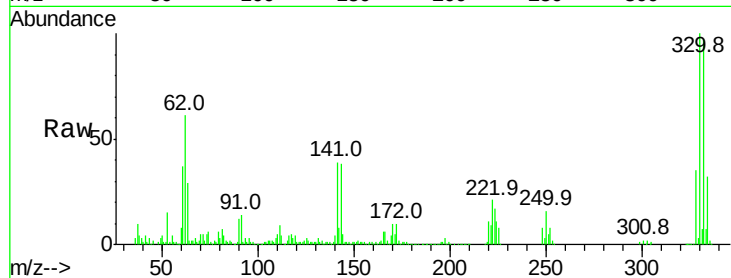




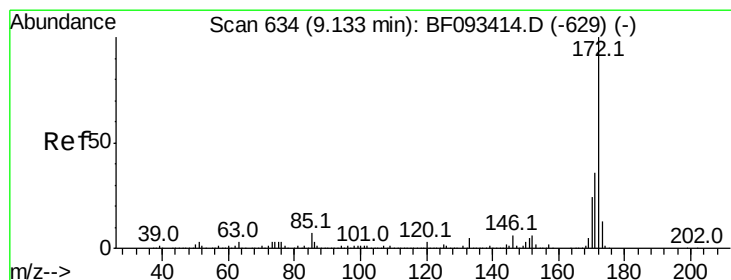
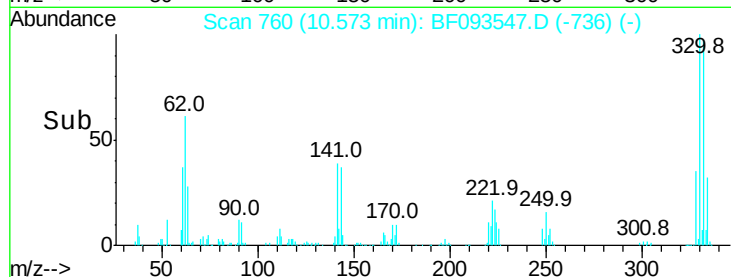
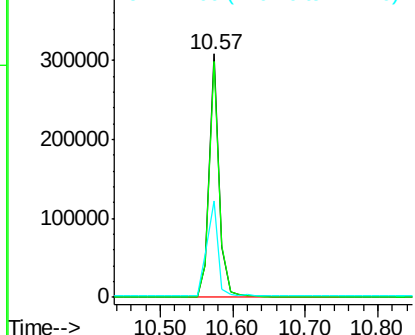
#41
 2,4,6-Tribromophenol
 Concen: 130.46 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093547.D
 Acq: 11 Mar 2017 3:05

Instrument :
 BNA_F
 ClientSampleId :
 W-13

Tot Ion:330 Resp: 297816
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.4 116.2
 141 43.5 34.1 51.1

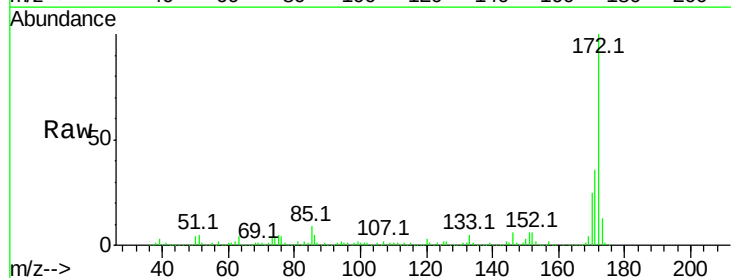


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

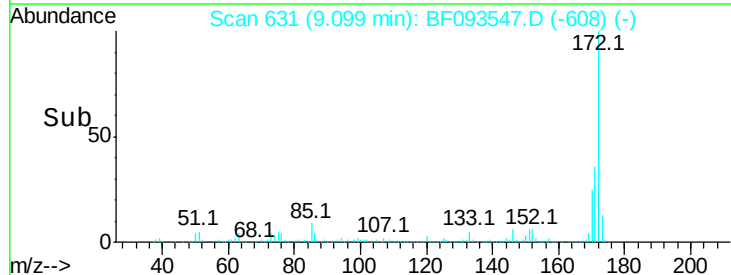
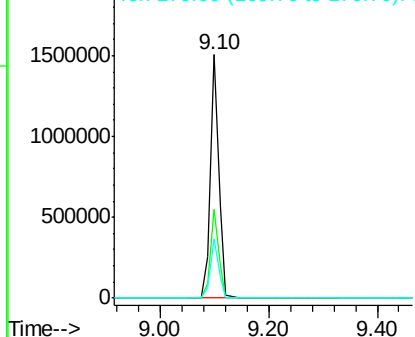


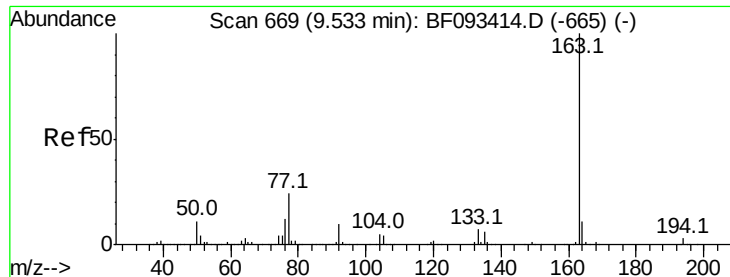
#44
 2-Fluorobiphenyl
 Concen: 86.83 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF093547.D
 Acq: 11 Mar 2017 3:05

Tgt Ion:172 Resp: 1635684
 Ion Ratio Lower Upper
 172 100
 171 36.3 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

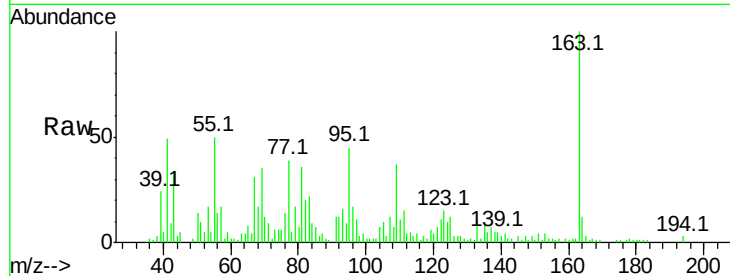




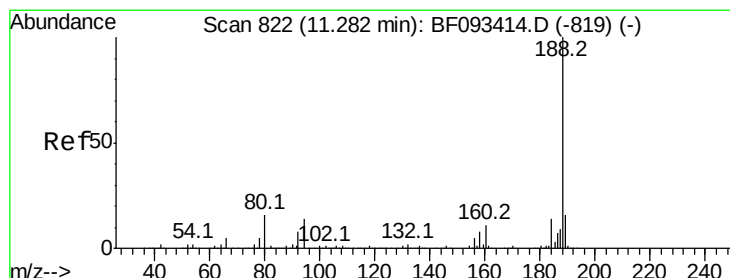
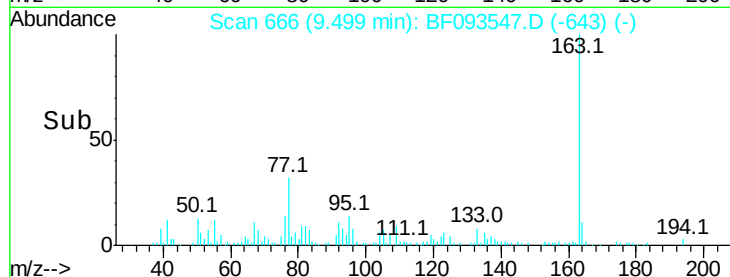
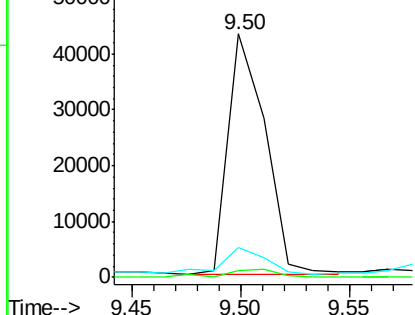
#49
Dimethylphthalate
Concen: 2.20 ng
RT: 9.50 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF093547.D
Acq: 11 Mar 2017 3:05

Instrument :
BNA_F
ClientSampleId :
W-13

Tot Ion:163 Resp: 51108
Ion Ratio Lower Upper
163 100
194 3.0 3.0 4.4
164 12.3 8.0 12.0#

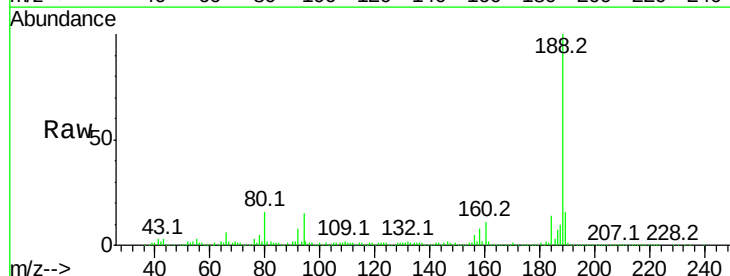


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

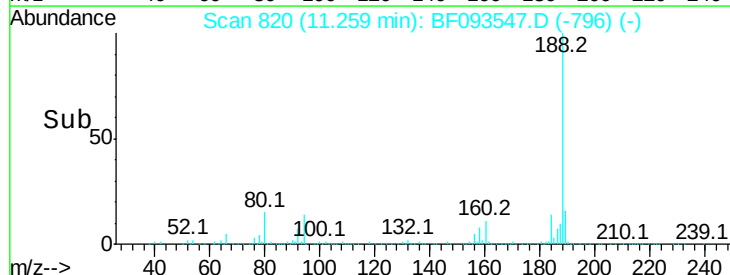
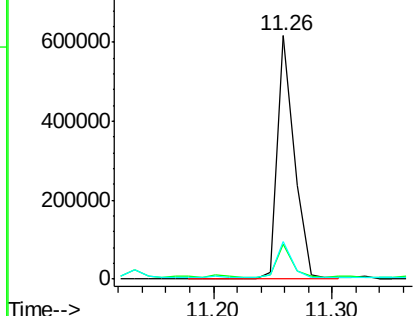


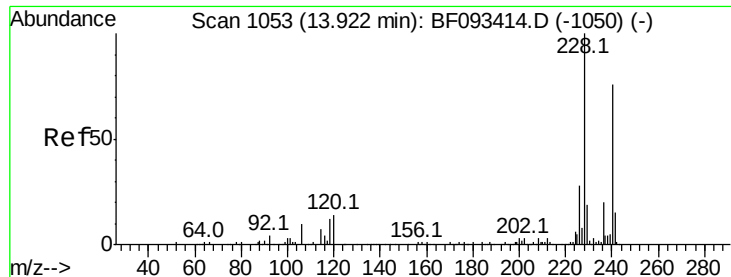
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 820
Delta R.T. -0.02 min
Lab File: BF093547.D
Acq: 11 Mar 2017 3:05

Tgt Ion:188 Resp: 606415
Ion Ratio Lower Upper
188 100
94 14.6 10.0 15.0
80 15.6 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. -0.02 min

Lab File: BF093547.D

Acq: 11 Mar 2017 3:05

Instrument :

BNA_F

ClientSampleId :

W-13

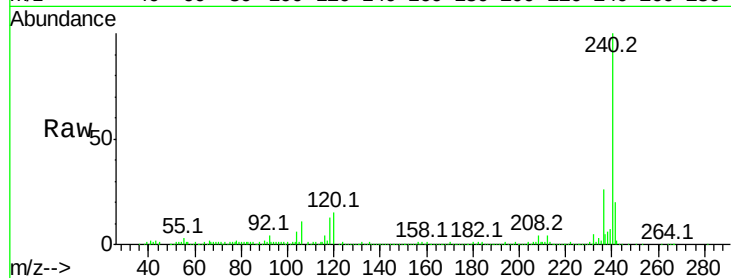
Tot Ion:240 Resp: 471502

Ion Ratio Lower Upper

240 100

120 15.3 12.9 19.3

236 26.3 20.9 31.3

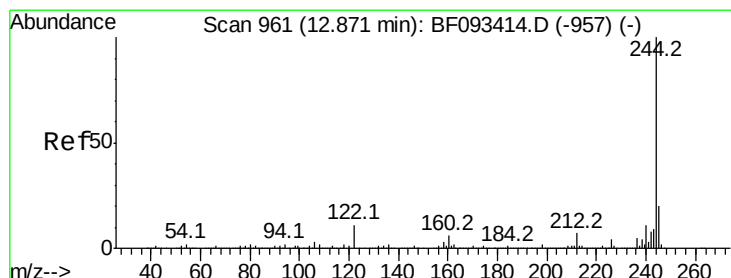
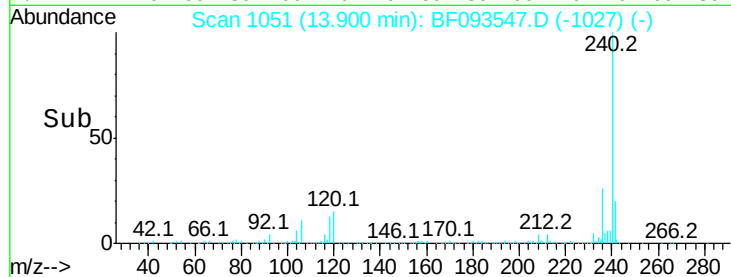
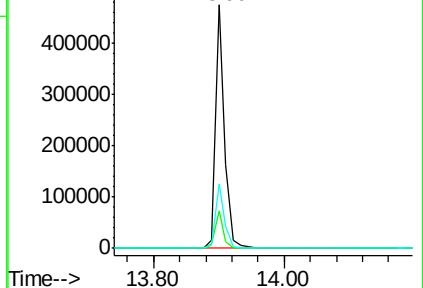


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.90



#78

Terphenyl-d14

Concen: 77.34 ng

RT: 12.85 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF093547.D

Acq: 11 Mar 2017 3:05

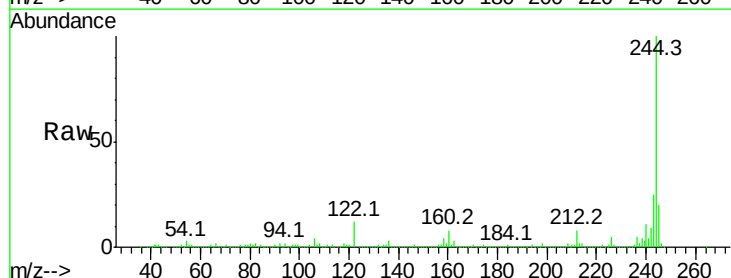
Tgt Ion:244 Resp: 1402561

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

122 11.9 11.4 17.2

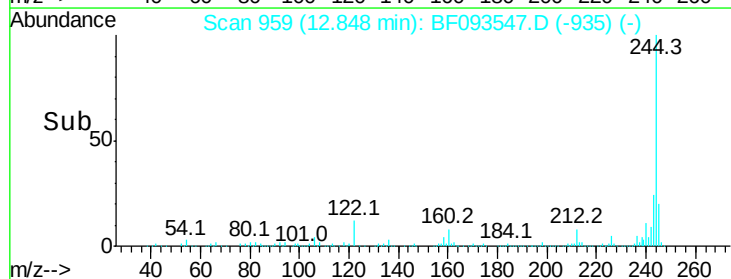
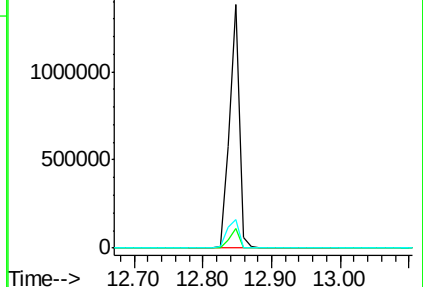


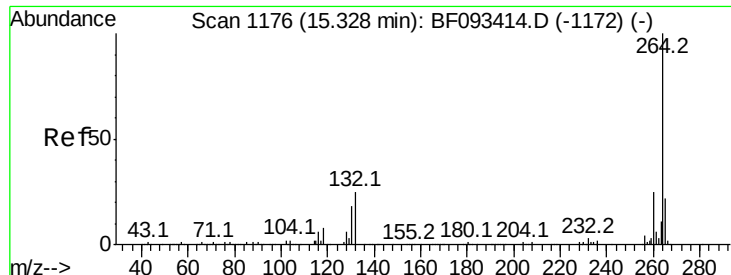
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.85

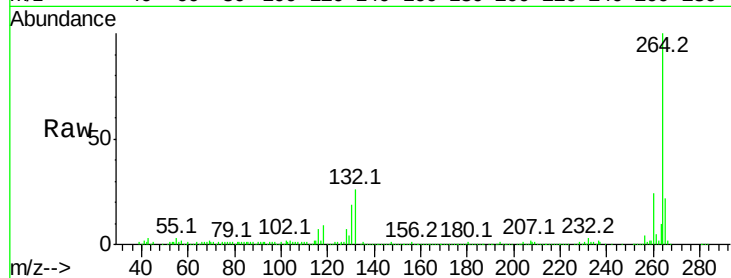




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF093547.D
Acq: 11 Mar 2017 3:05

Instrument :
BNA_F
ClientSampleId :
W-13

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.3	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

