

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
 Data File : BF093514.D
 Acq On : 10 Mar 2017 10:01
 Operator : SJ/MA
 Sample : I2132-07
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-17

Quant Time: Mar 10 12:16:09 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	200508	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	748883	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	355652	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	604143	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	396085	20.00	ng	-0.01
86) Perylene-d12	15.32	264	363927	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	707369	58.72	ng	0.00
7) Phenol-d6	6.41	99	609457	40.12	ng	0.00
23) Nitrobenzene-d5	7.33	82	1381958	102.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	320547	138.34	ng	-0.01
44) 2-Fluorobiphenyl	9.11	172	1748558	91.45	ng	-0.02
78) Terphenyl-d14	12.85	244	1271445	83.46	ng	-0.02

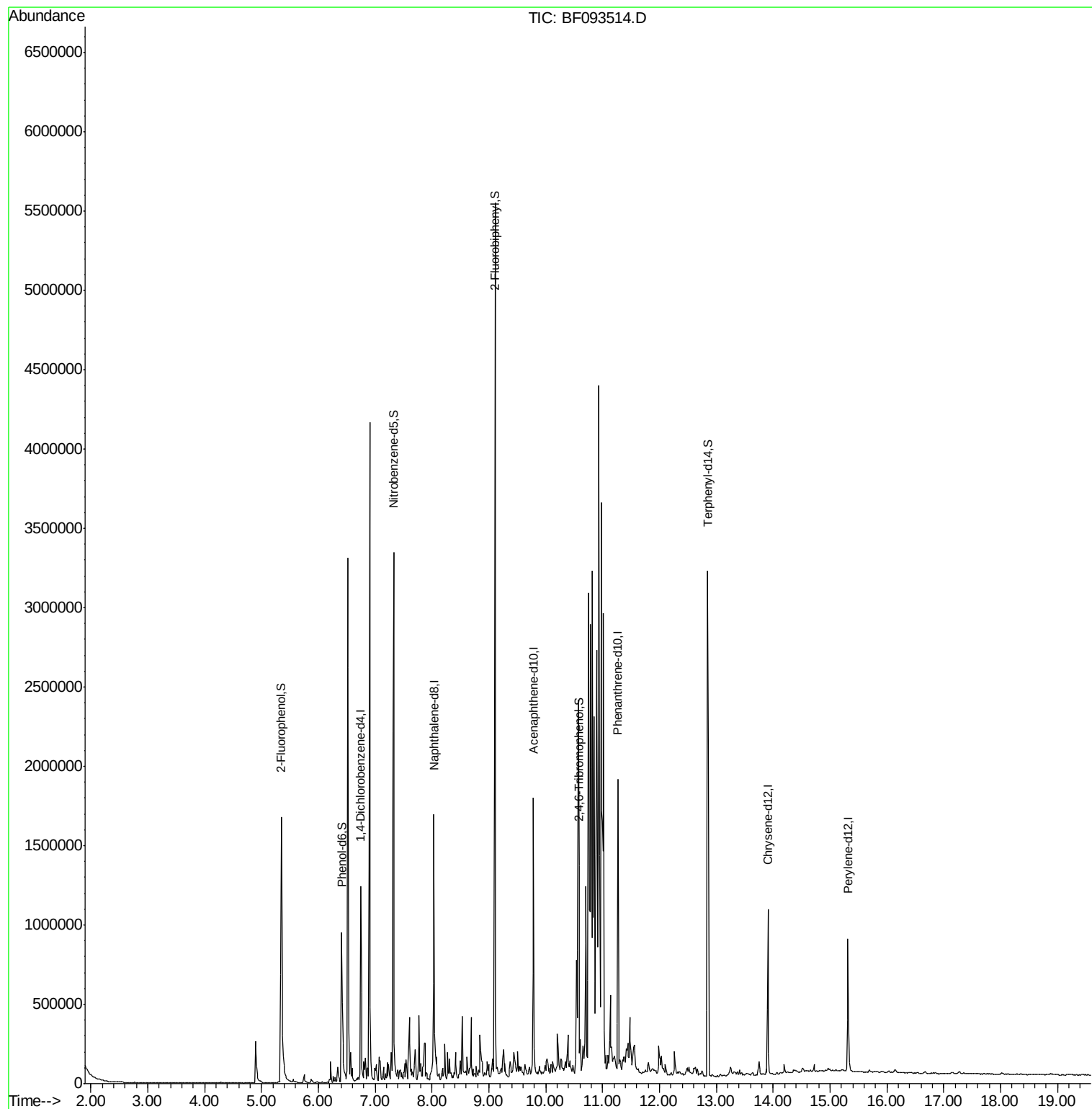
Target Compounds Qvalue

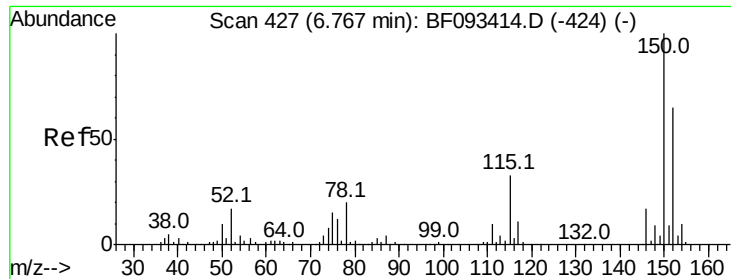
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF093514.D

Acq: 10 Mar 2017 10:01

Instrument :

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ClientSampleId :

W-17

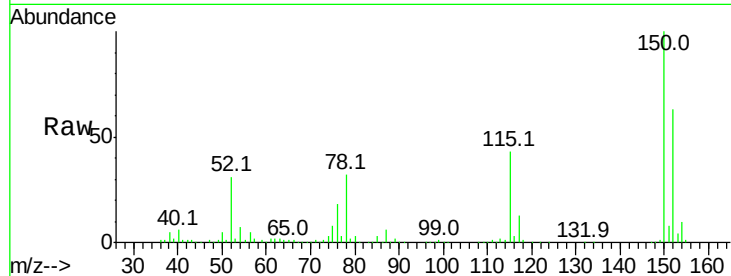
Tot Ion:152 Resp: 200508

Ion Ratio Lower Upper

152 100

150 159.1 124.9 187.3

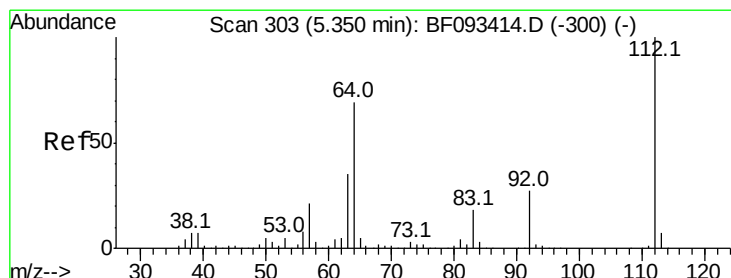
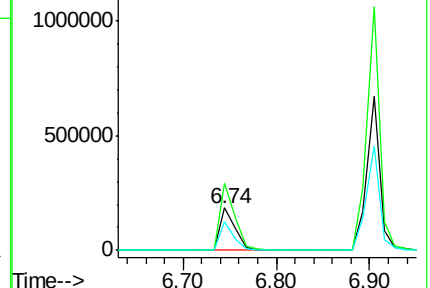
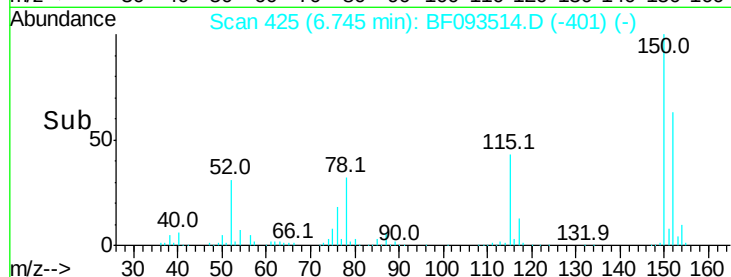
115 68.2 46.0 69.0



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: 58.72 ng

RT: 5.35 min Scan# 303

Delta R.T. 0.00 min

Lab File: BF093514.D

Acq: 10 Mar 2017 10:01

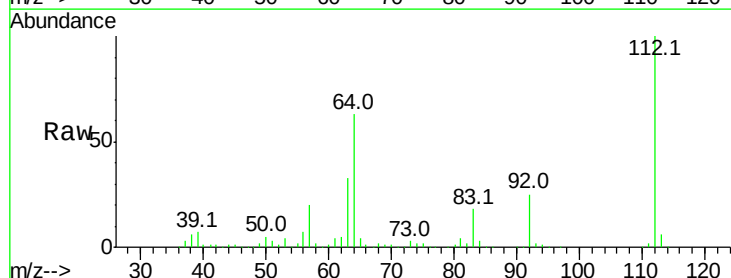
Tgt Ion:112 Resp: 707369

Ion Ratio Lower Upper

112 100

64 63.2 46.1 69.1

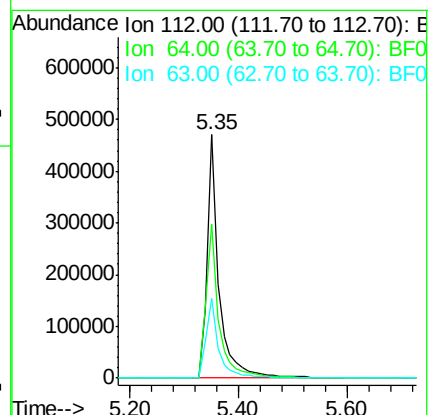
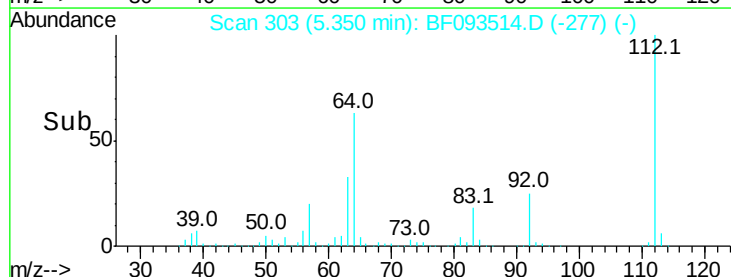
63 32.7 23.8 35.6

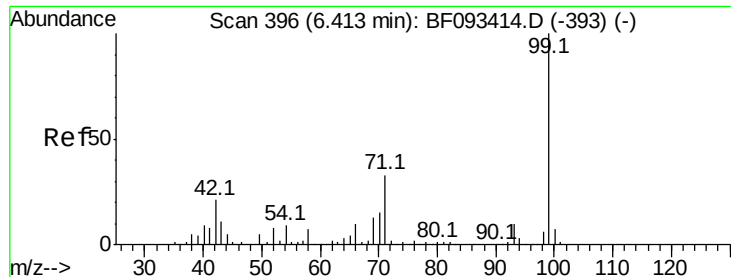


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.12 ng

RT: 6.41 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF093514.D

Acq: 10 Mar 2017 10:01

Instrument :

BNA_F

ClientSampleId :

W-17

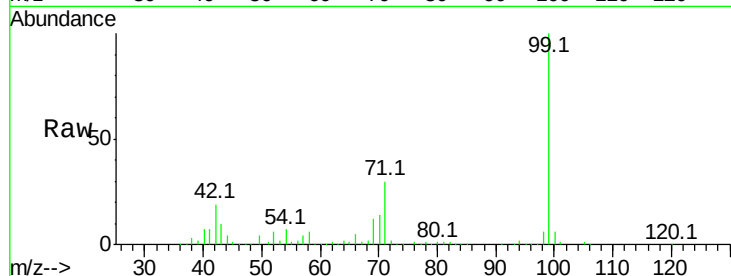
Tot Ion: 99 Resp: 609457

Ion Ratio Lower Upper

99 100

42 18.8 15.6 23.4

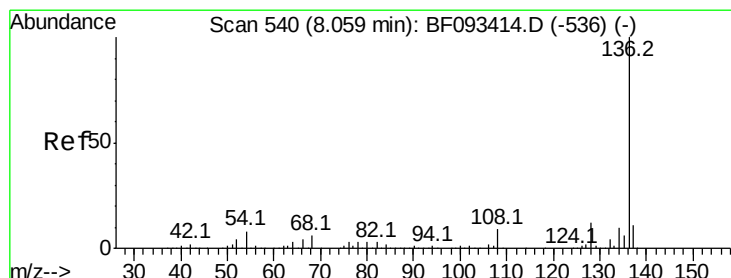
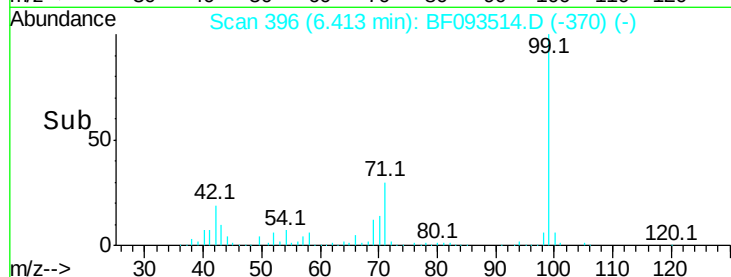
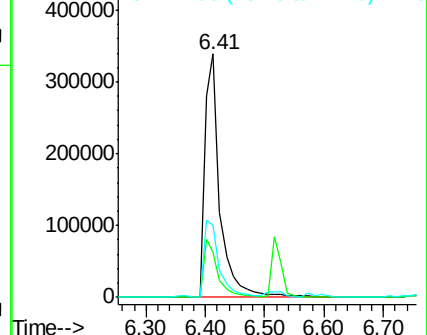
71 29.7 27.5 41.3



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: 8.04 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF093514.D

Acq: 10 Mar 2017 10:01

Tgt Ion: 136 Resp: 748883

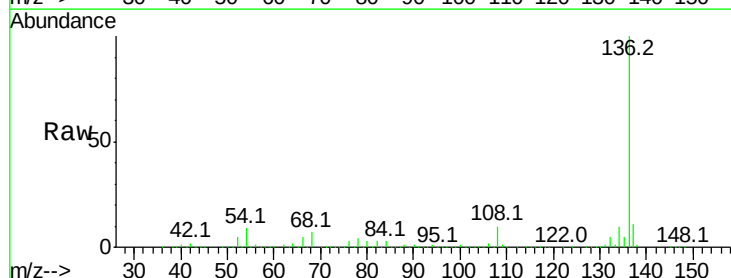
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 8.9 4.5 6.7#

68 6.7 3.6 5.4#

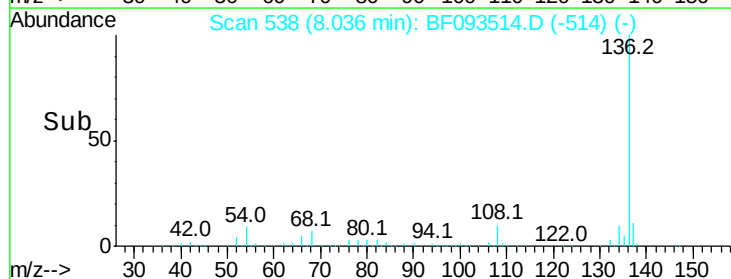
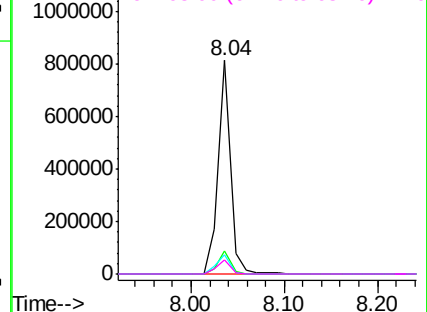


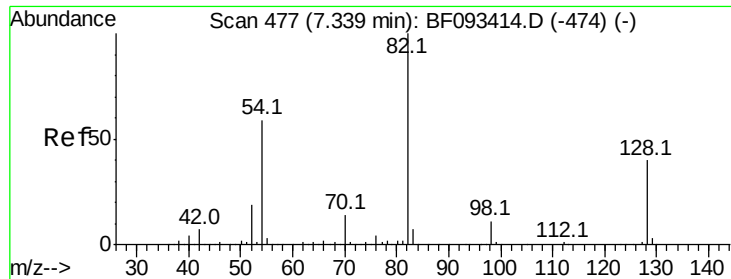
Abundance Ion 136.00 (135.70 to 136.70): E

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

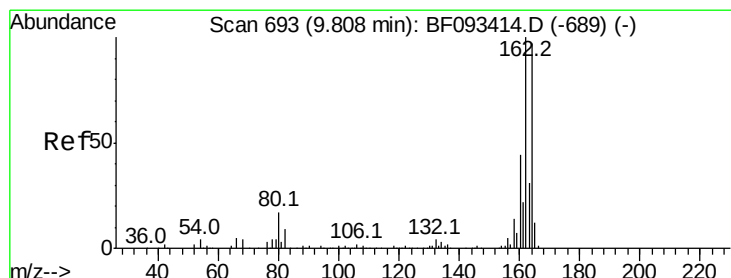
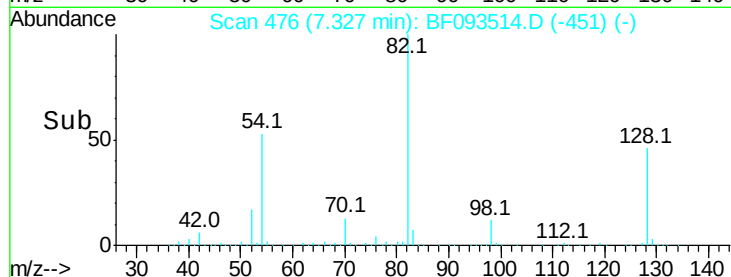
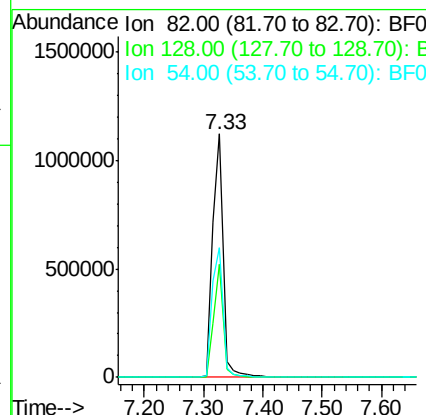
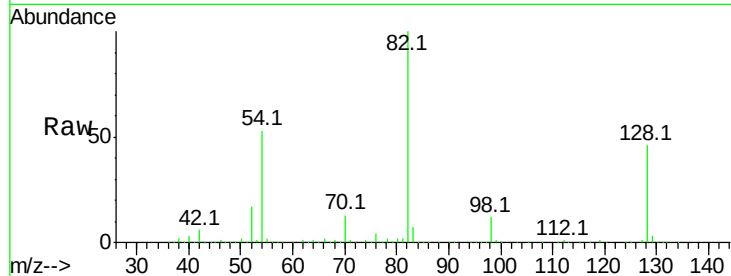




#23
 Nitrobenzene-d5
 Concen: 102.39 ng
 RT: 7.33 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF093514.D
 Acq: 10 Mar 2017 10:01

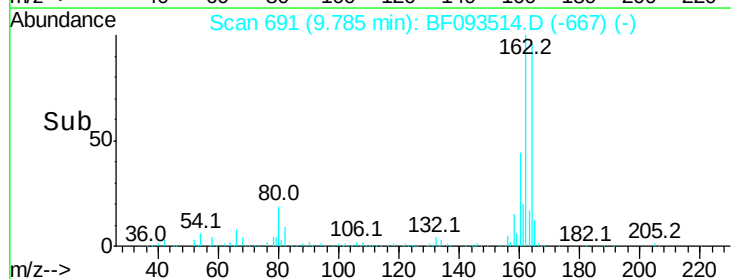
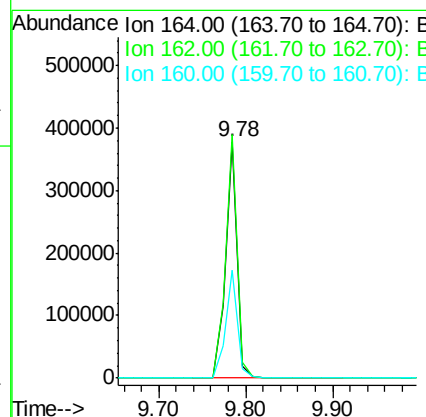
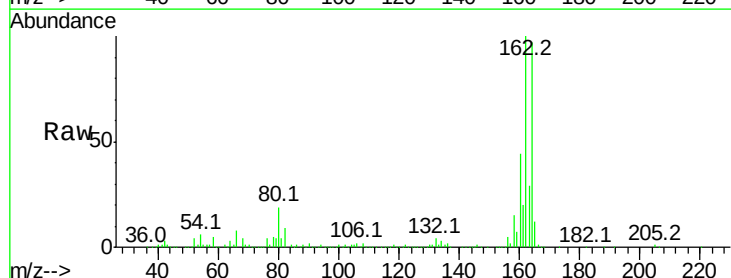
Instrument :
 BNA_F
 ClientSampled :
 W-17

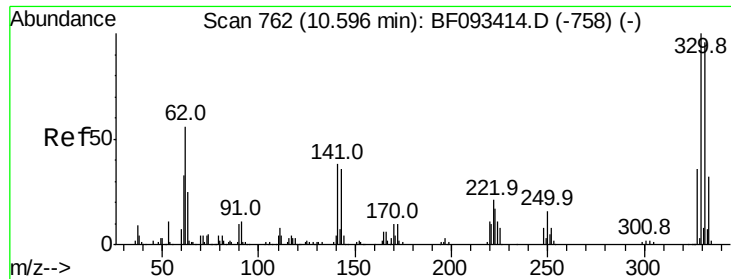
Tot Ion: 82 Resp: 1381958
 Ion Ratio Lower Upper
 82 100
 128 46.2 34.6 52.0
 54 53.3 39.5 59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 691
 Delta R.T. -0.02 min
 Lab File: BF093514.D
 Acq: 10 Mar 2017 10:01

Tgt Ion:164 Resp: 355652
 Ion Ratio Lower Upper
 164 100
 162 103.1 80.2 120.2
 160 45.6 36.9 55.3

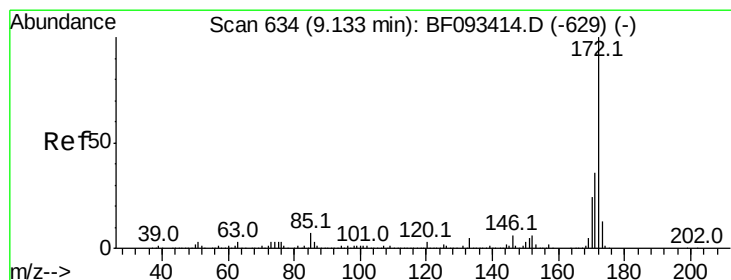
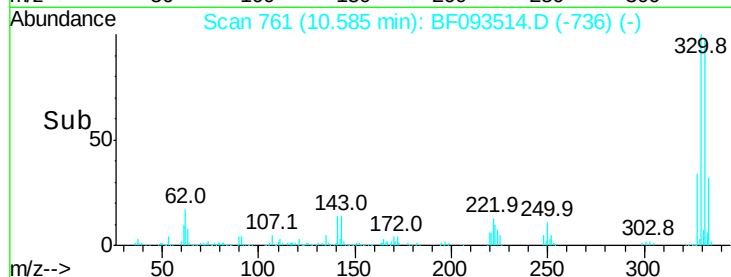
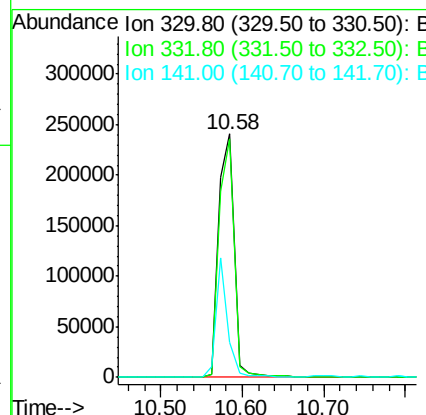
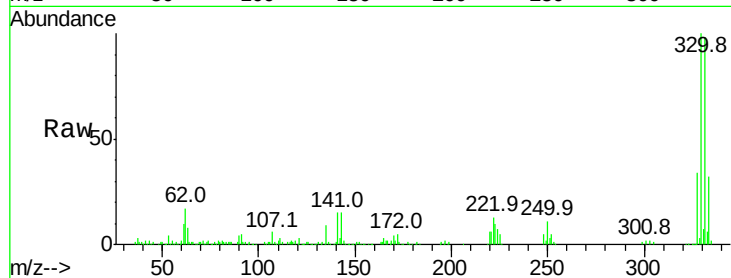




#41
 2,4,6-Tribromophenol
 Concen: 138.34 ng
 RT: 10.58 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF093514.D
 Acq: 10 Mar 2017 10:01

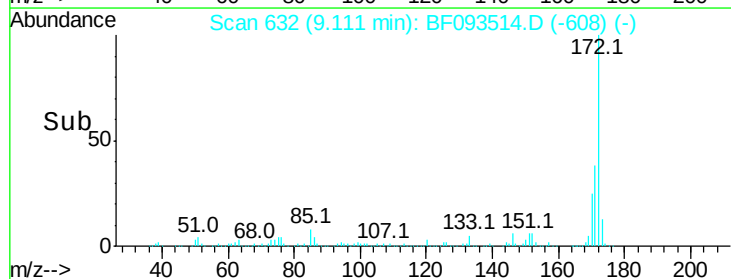
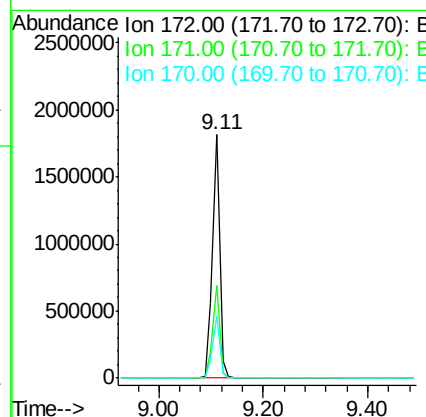
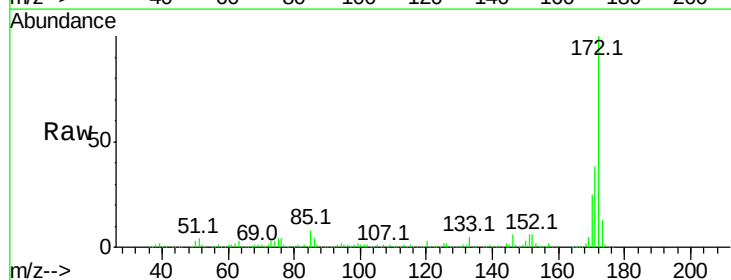
Instrument :
 BNA_F
 ClientSampleId :
 W-17

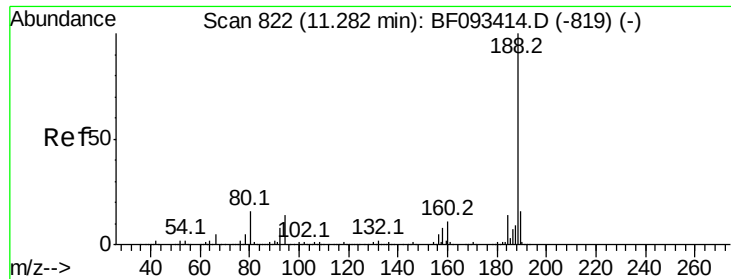
Tot Ion:330 Resp: 320547
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.2
 141 36.7 34.1 51.1



#44
 2-Fluorobiphenyl
 Concen: 91.45 ng
 RT: 9.11 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF093514.D
 Acq: 10 Mar 2017 10:01

Tgt Ion:172 Resp: 1748558
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.4 44.0
 170 25.2 20.2 30.4

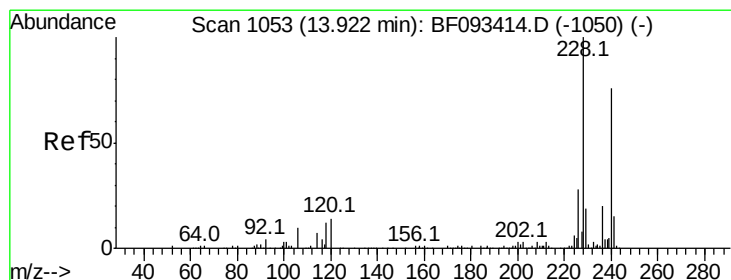
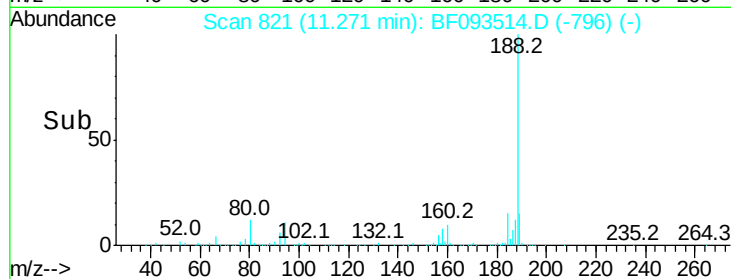
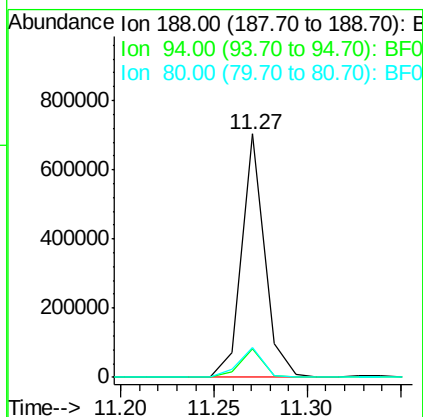
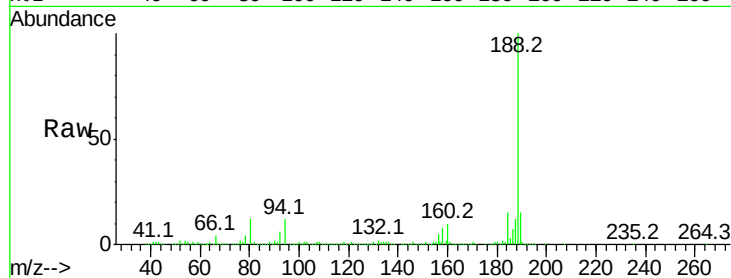




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF093514.D
Acq: 10 Mar 2017 10:01

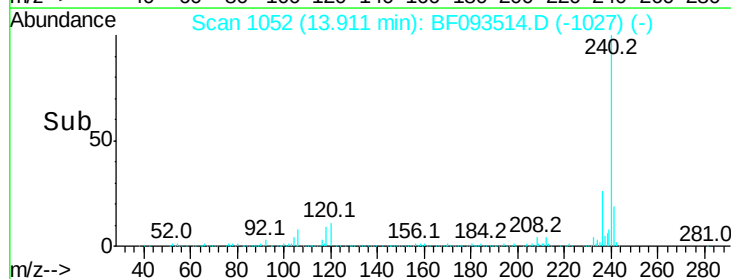
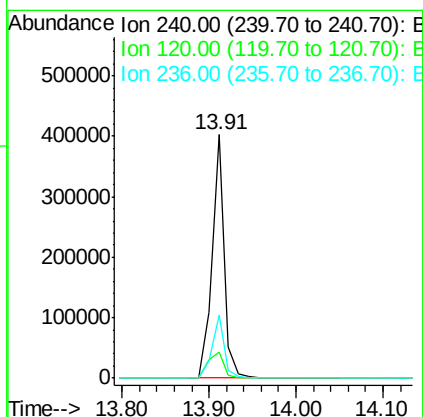
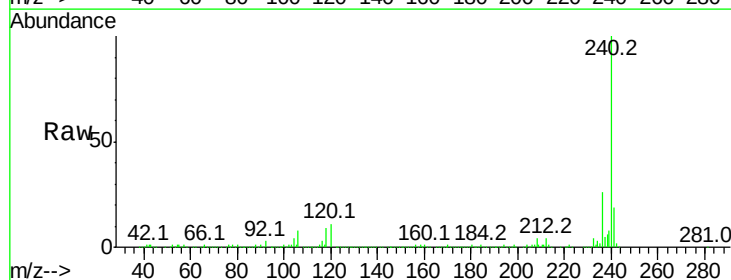
Instrument :
BNA_F
ClientSampleId :
W-17

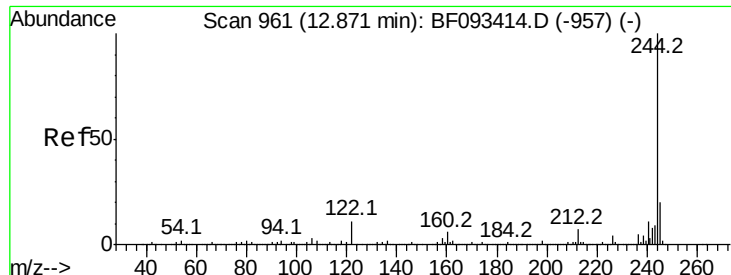
Tot Ion:188 Resp: 604143
Ion Ratio Lower Upper
188 100
94 11.6 10.0 15.0
80 12.1 11.2 16.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF093514.D
Acq: 10 Mar 2017 10:01

Tgt Ion:240 Resp: 396085
Ion Ratio Lower Upper
240 100
120 10.8 12.9 19.3#
236 26.0 20.9 31.3





#78

Terphenyl-d14

Concen: 83.46 ng

RT: 12.85 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF093514.D

Acq: 10 Mar 2017 10:01

Instrument :

BNA_F

ClientSampled :

W-17

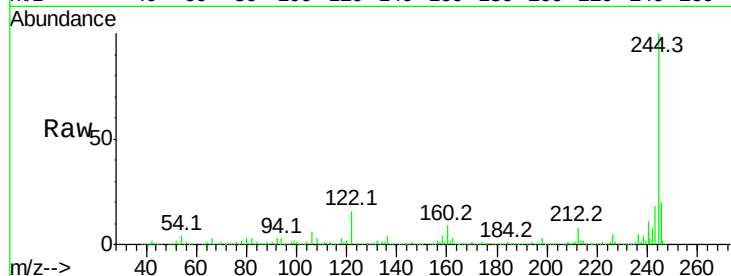
Tot Ion:244 Resp: 1271445

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

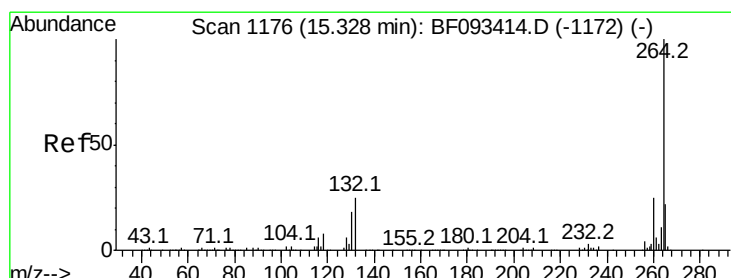
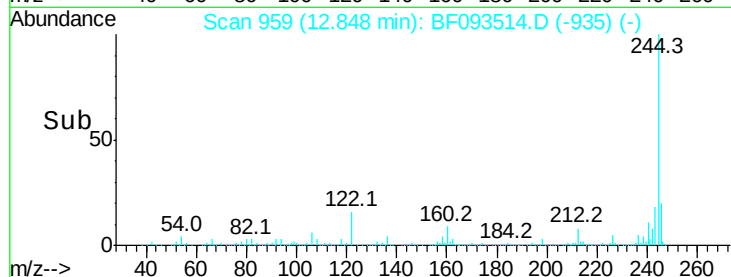
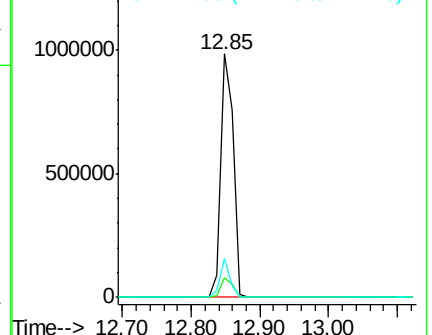
122 16.0 11.4 17.2



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: 15.32 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF093514.D

Acq: 10 Mar 2017 10:01

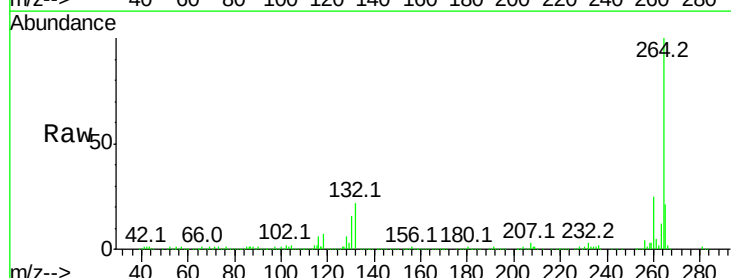
Tgt Ion:264 Resp: 363927

Ion Ratio Lower Upper

264 100

260 25.2 19.2 28.8

265 21.3 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

