

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
 Data File : BF093632.D
 Acq On : 14 Mar 2017 2:58
 Operator : SJ/MA
 Sample : I2199-24
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-97

Quant Time: Mar 14 03:43:34 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	168210	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	684722	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	202051	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	565857	20.00	ng	0.00
75) Chrysene-d12	13.90	240	203968	20.00	ng	0.01
86) Perylene-d12	15.33	264	8621	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1435528	142.04	ng	0.00
7) Phenol-d6	6.37	99	1502367	117.88	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1208165	97.90	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	365198	277.42	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	1993280	183.50	ng	0.00
78) Terphenyl-d14	12.84	244	1489356	189.84	ng	0.01

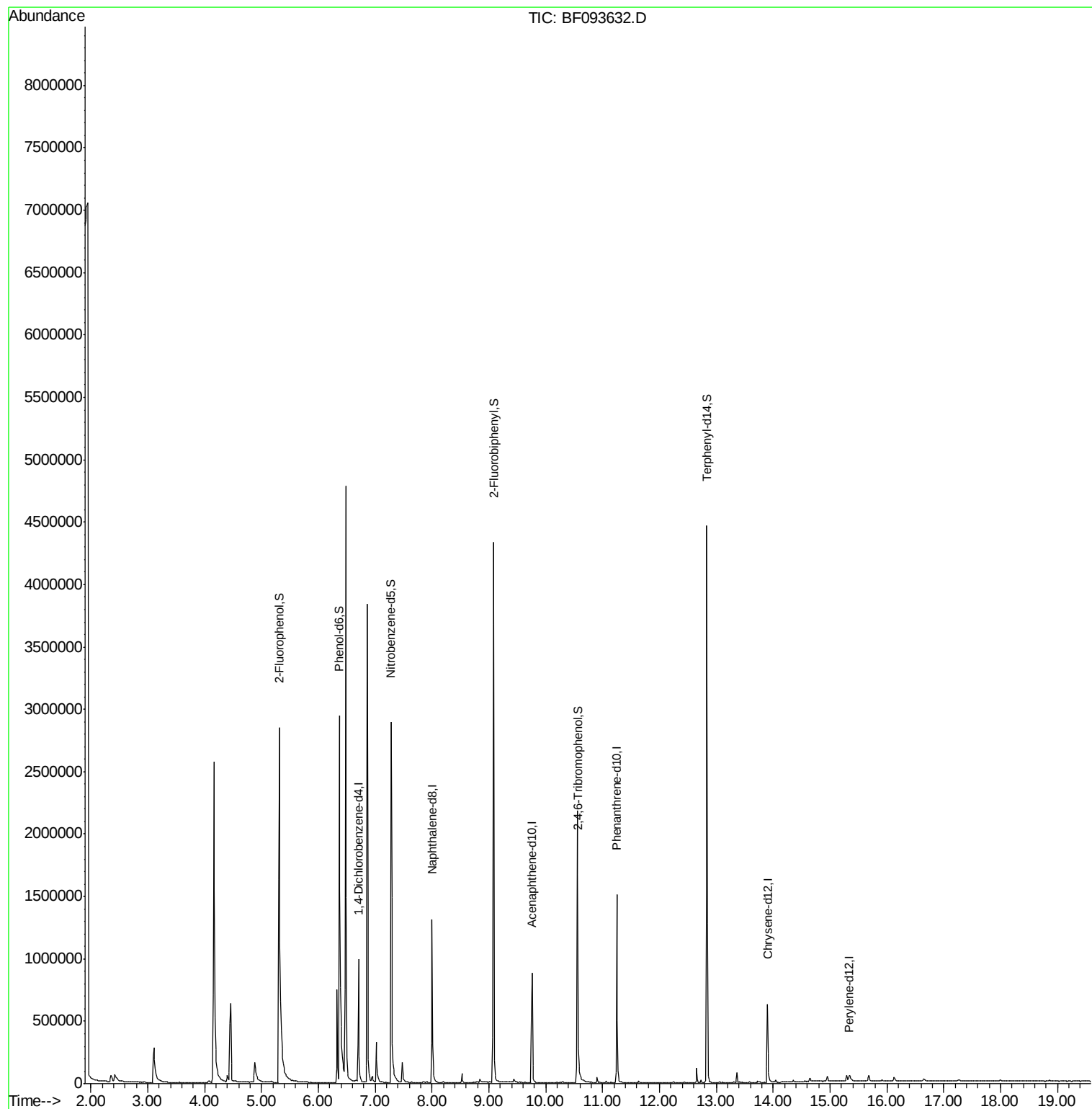
Target Compounds Qvalue

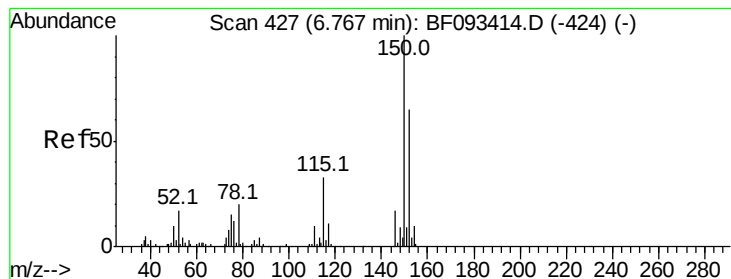
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093632.D

Acq: 14 Mar 2017 2:58

Instrument :

BNA_F

ClientSampleId :

D-97

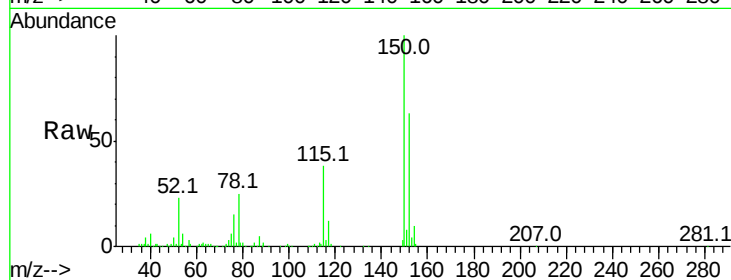
Tot Ion:152 Resp: 168210

Ion Ratio Lower Upper

152 100

150 158.3 124.9 187.3

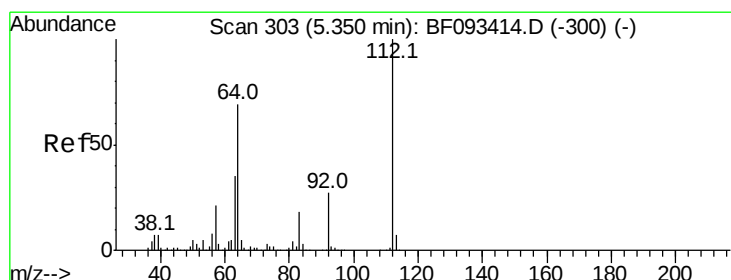
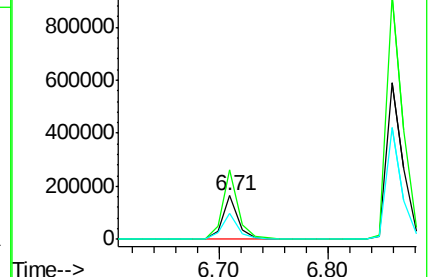
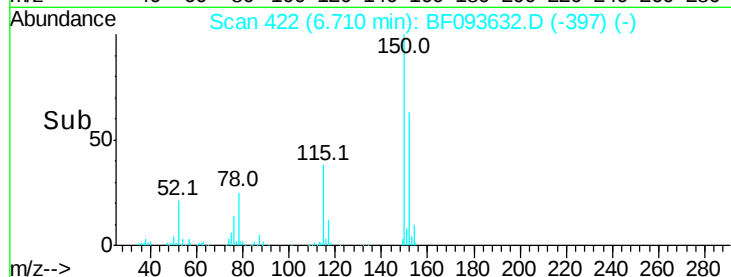
115 59.9 46.0 69.0



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: 142.04 ng

RT: 5.32 min Scan# 300

Delta R.T. 0.00 min

Lab File: BF093632.D

Acq: 14 Mar 2017 2:58

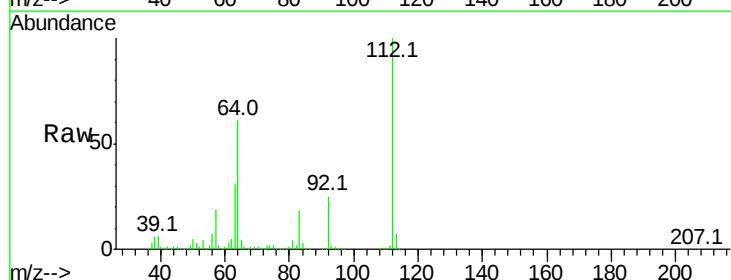
Tgt Ion:112 Resp: 1435528

Ion Ratio Lower Upper

112 100

64 61.0 46.1 69.1

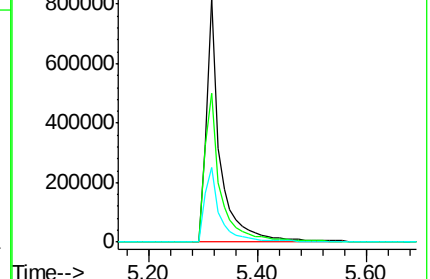
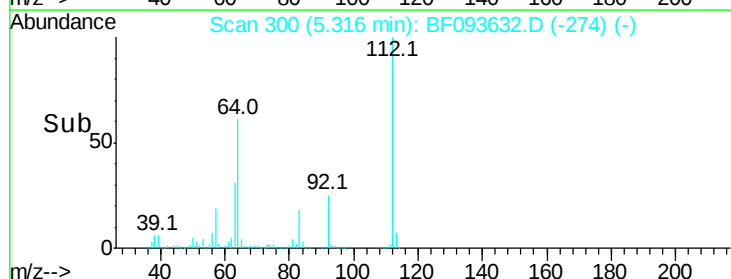
63 30.7 23.8 35.6

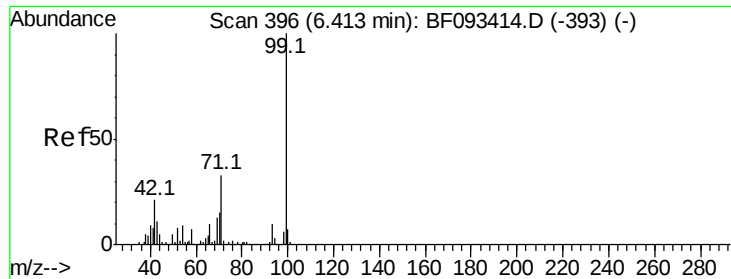


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 117.88 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093632.D

Acq: 14 Mar 2017 2:58

Instrument :

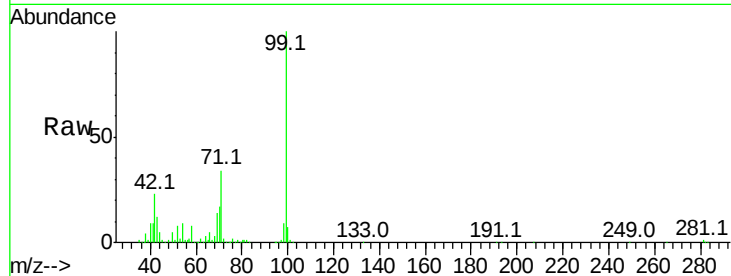
BNA_F

ClientSampleId :

D-97

Tot Ion: 99 Resp: 1502367

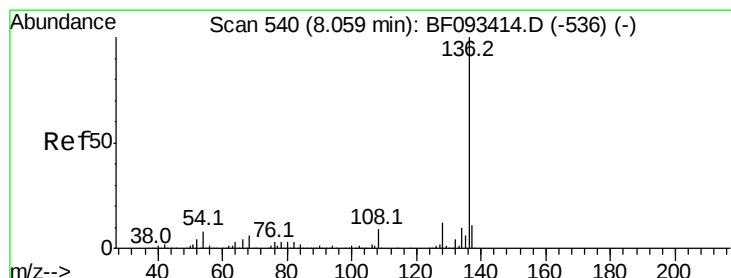
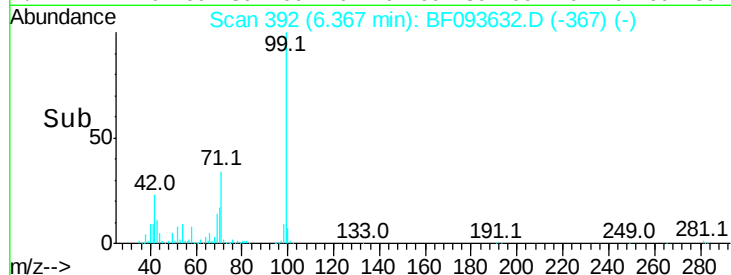
Ion	Ratio	Lower	Upper
99	100		
42	22.9	15.6	23.4
71	34.4	27.5	41.3



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

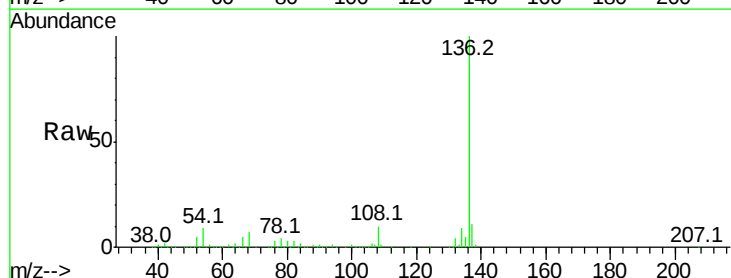
Delta R.T. -0.01 min

Lab File: BF093632.D

Acq: 14 Mar 2017 2:58

Tgt Ion: 136 Resp: 684722

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	8.9	4.5	6.7#
68	6.7	3.6	5.4#

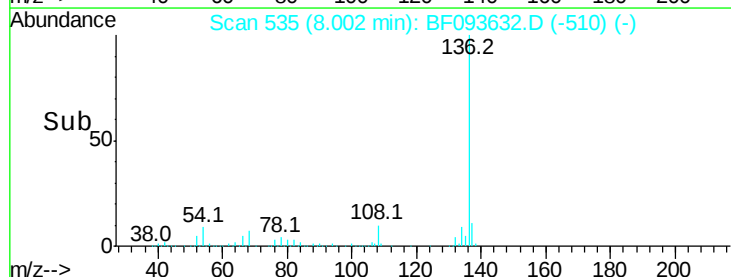


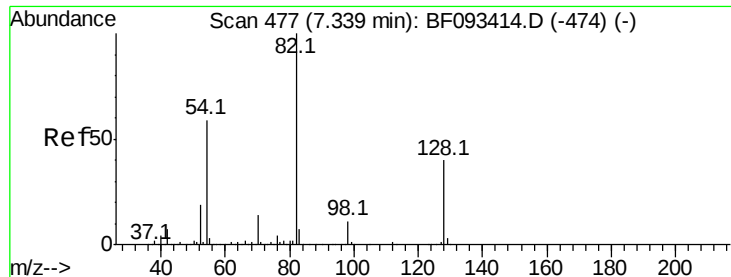
Abundance Ion 136.00 (135.70 to 136.70): E

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

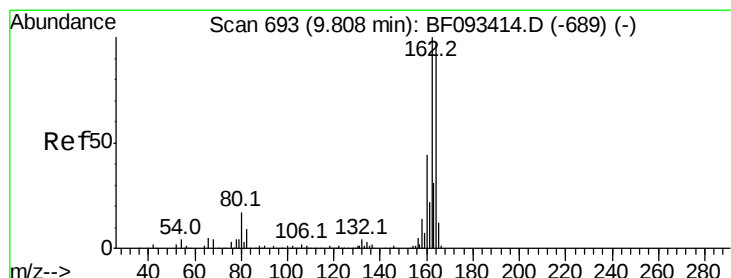
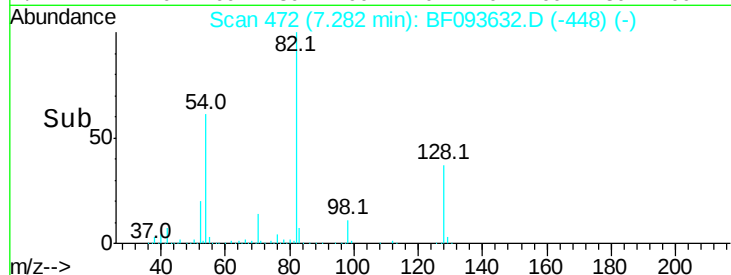
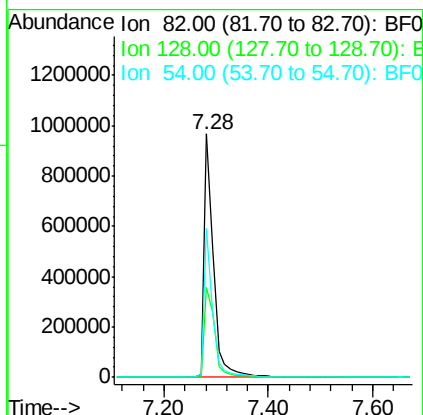
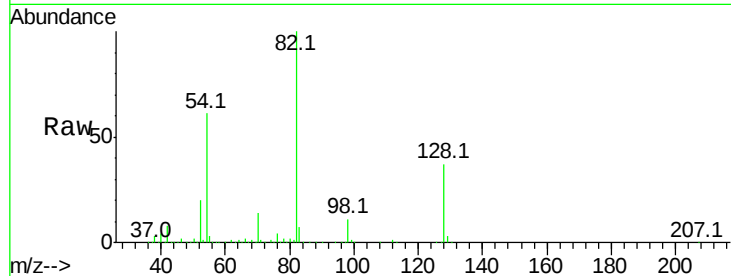




#23
Nitrobenzene-d5
Concen: 97.90 ng
RT: 7.28 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF093632.D
Acq: 14 Mar 2017 2:58

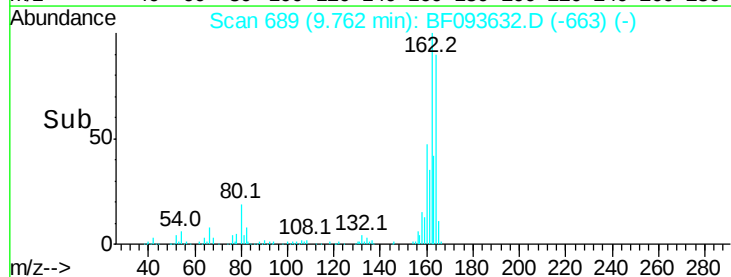
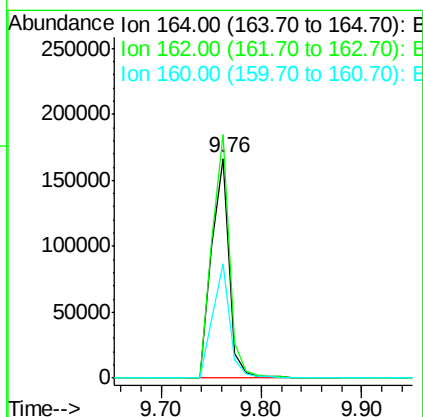
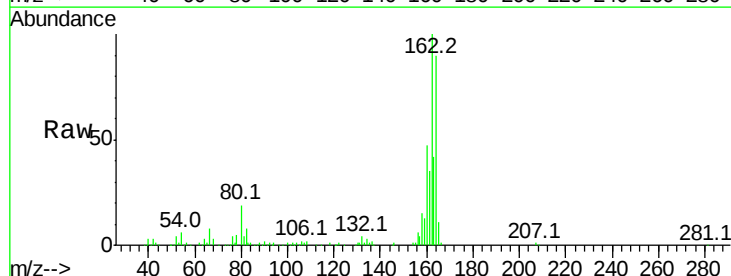
Instrument :
BNA_F
ClientSampleId :
D-97

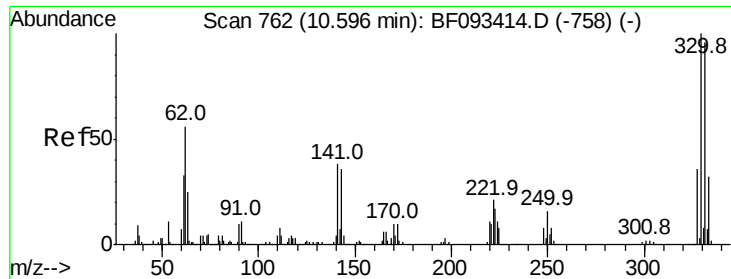
Tot Ion: 82 Resp: 1208165
Ion Ratio Lower Upper
82 100
128 36.9 34.6 52.0
54 61.3 39.5 59.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF093632.D
Acq: 14 Mar 2017 2:58

Tgt Ion:164 Resp: 202051
Ion Ratio Lower Upper
164 100
162 110.9 80.2 120.2
160 52.1 36.9 55.3

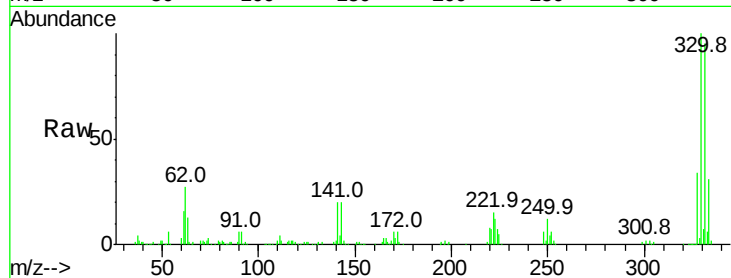




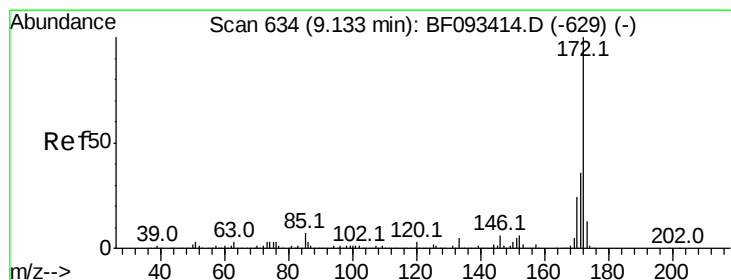
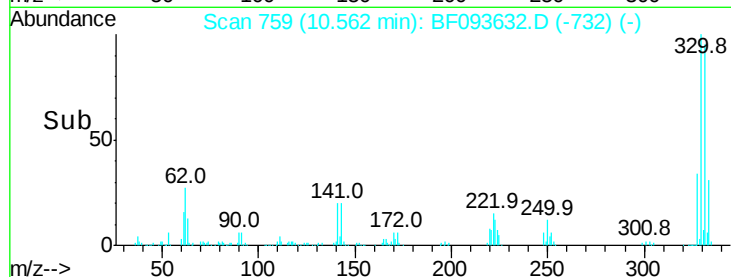
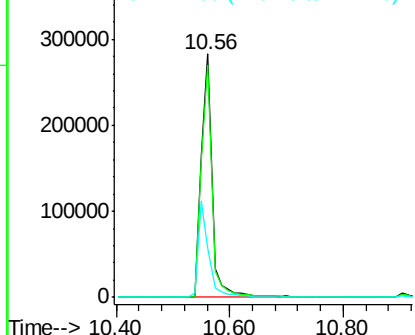
#41
 2,4,6-Tribromophenol
 Concen: 277.42 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093632.D
 Acq: 14 Mar 2017 2:58

Instrument :
 BNA_F
 ClientSampleId :
 D-97

Tot Ion:330 Resp: 365198
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.4 116.2
 141 39.5 34.1 51.1

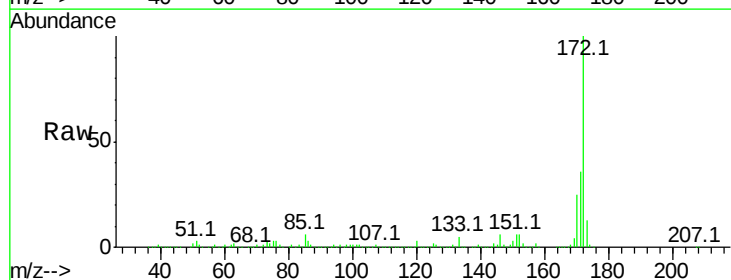


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

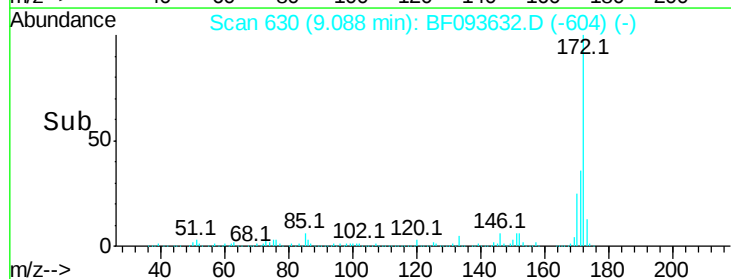
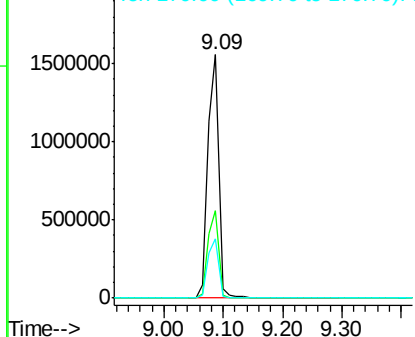


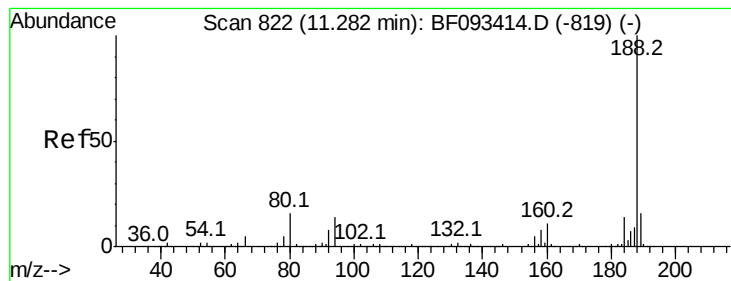
#44
 2-Fluorobiphenyl
 Concen: 183.50 ng
 RT: 9.09 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF093632.D
 Acq: 14 Mar 2017 2:58

Tgt Ion:172 Resp: 1993280
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.5 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: BF093632.D

Acq: 14 Mar 2017 2:58

Instrument :

BNA_F

ClientSampleId :

D-97

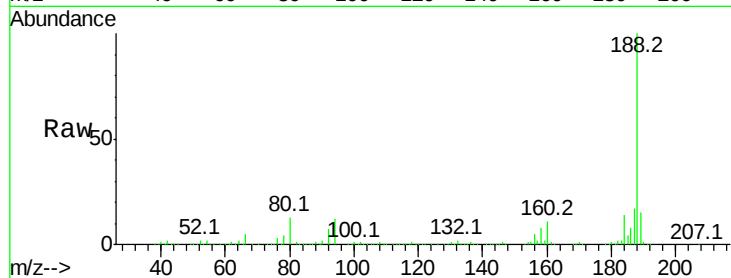
Tot Ion:188 Resp: 565857

Ion Ratio Lower Upper

188 100

94 11.7 10.0 15.0

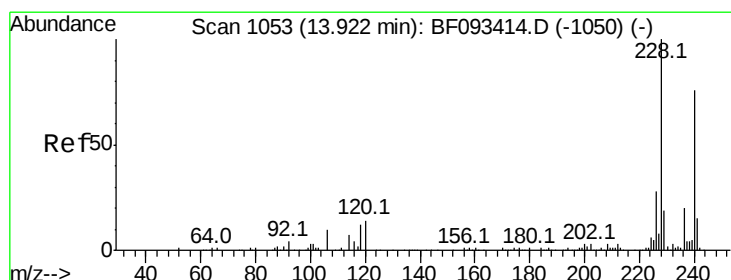
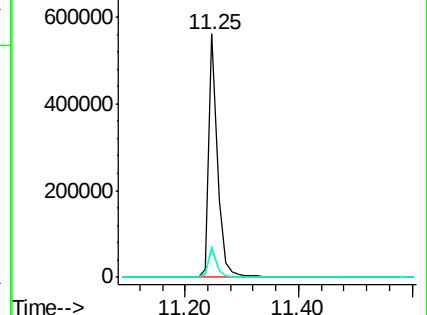
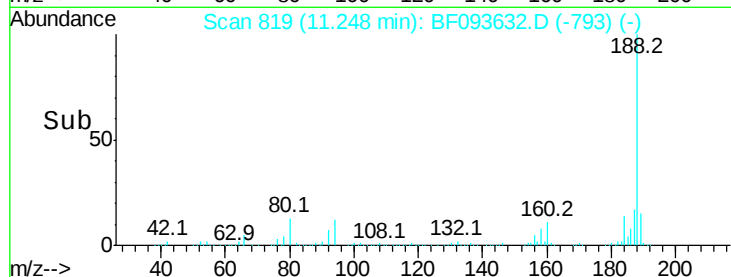
80 13.1 11.2 16.8



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: BF093632.D

Acq: 14 Mar 2017 2:58

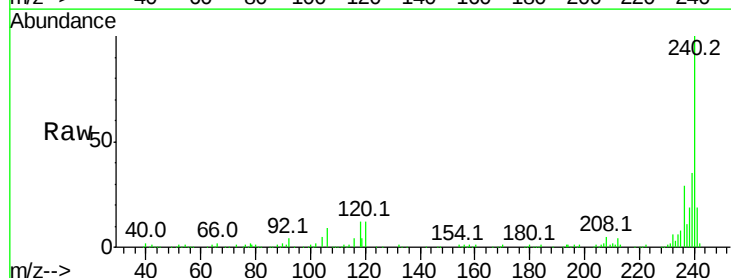
Tgt Ion:240 Resp: 203968

Ion Ratio Lower Upper

240 100

120 11.8 12.9 19.3#

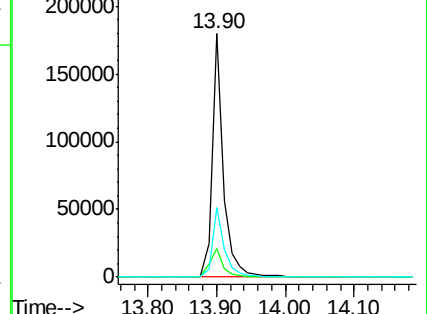
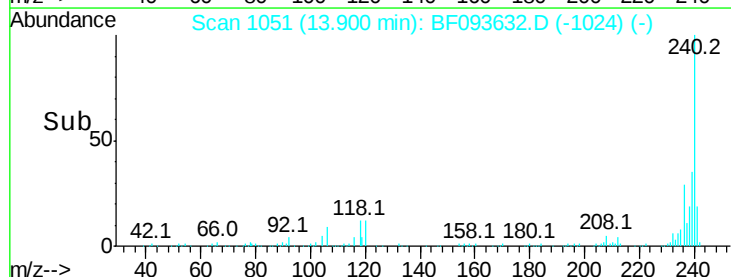
236 28.8 20.9 31.3



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: 189.84 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093632.D

Acq: 14 Mar 2017 2:58

Instrument :

BNA_F

ClientSampleId :

D-97

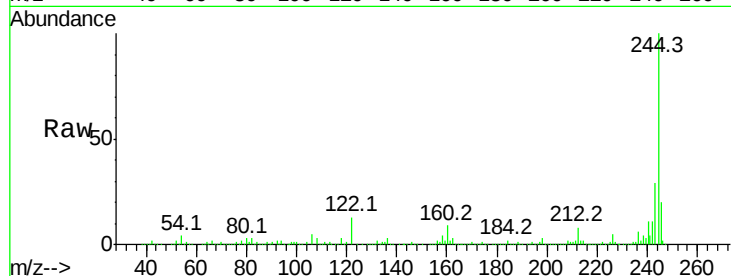
Tot Ion:244 Resp: 1489356

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

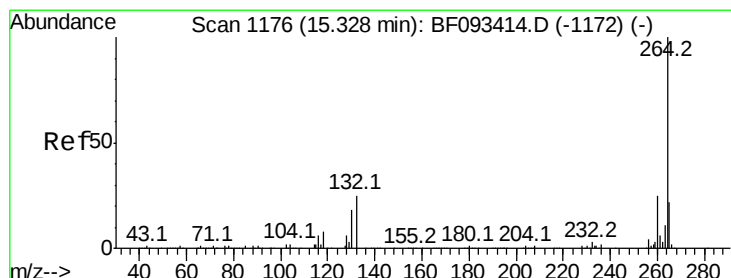
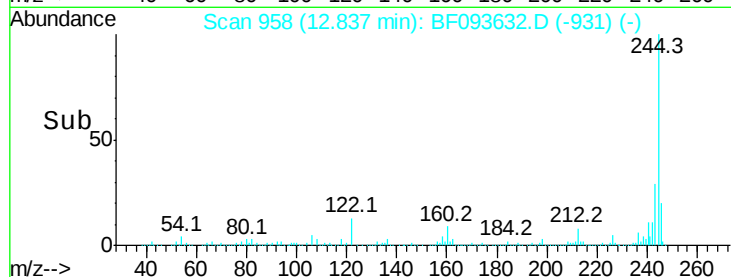
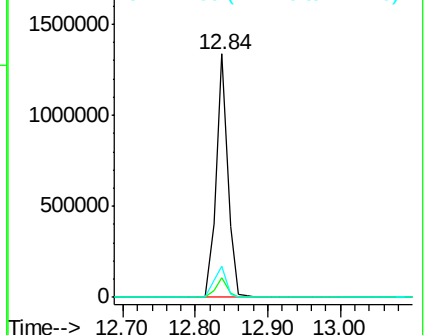
122 12.7 11.4 17.2



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: 15.33 min Scan# 1176

Delta R.T. 0.05 min

Lab File: BF093632.D

Acq: 14 Mar 2017 2:58

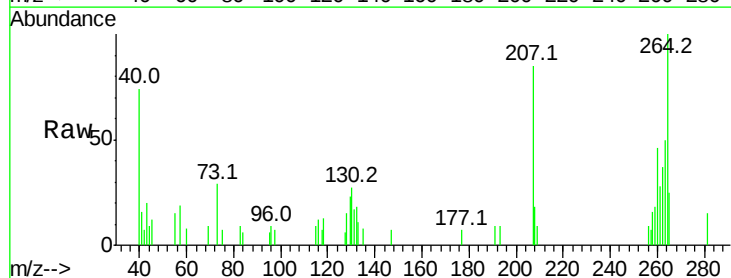
Tgt Ion:264 Resp: 8621

Ion Ratio Lower Upper

264 100

260 45.9 19.2 28.8#

265 25.0 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

