

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
 Data File : BF093554.D
 Acq On : 11 Mar 2017 6:18
 Operator : SJ/MA
 Sample : PB97520TB
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97520TB

Quant Time: Mar 13 14:01:13 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	192707	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	790245	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	367440	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	692032	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	520863	20.00	ng	-0.02
86) Perylene-d12	15.31	264	333880	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1427379	123.28	ng	0.00
7) Phenol-d6	6.40	99	1719035	117.73	ng	-0.01
23) Nitrobenzene-d5	7.32	82	1227001	86.15	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	311593	130.16	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1664752	84.27	ng	-0.03
78) Terphenyl-d14	12.85	244	1596401	79.69	ng	-0.02

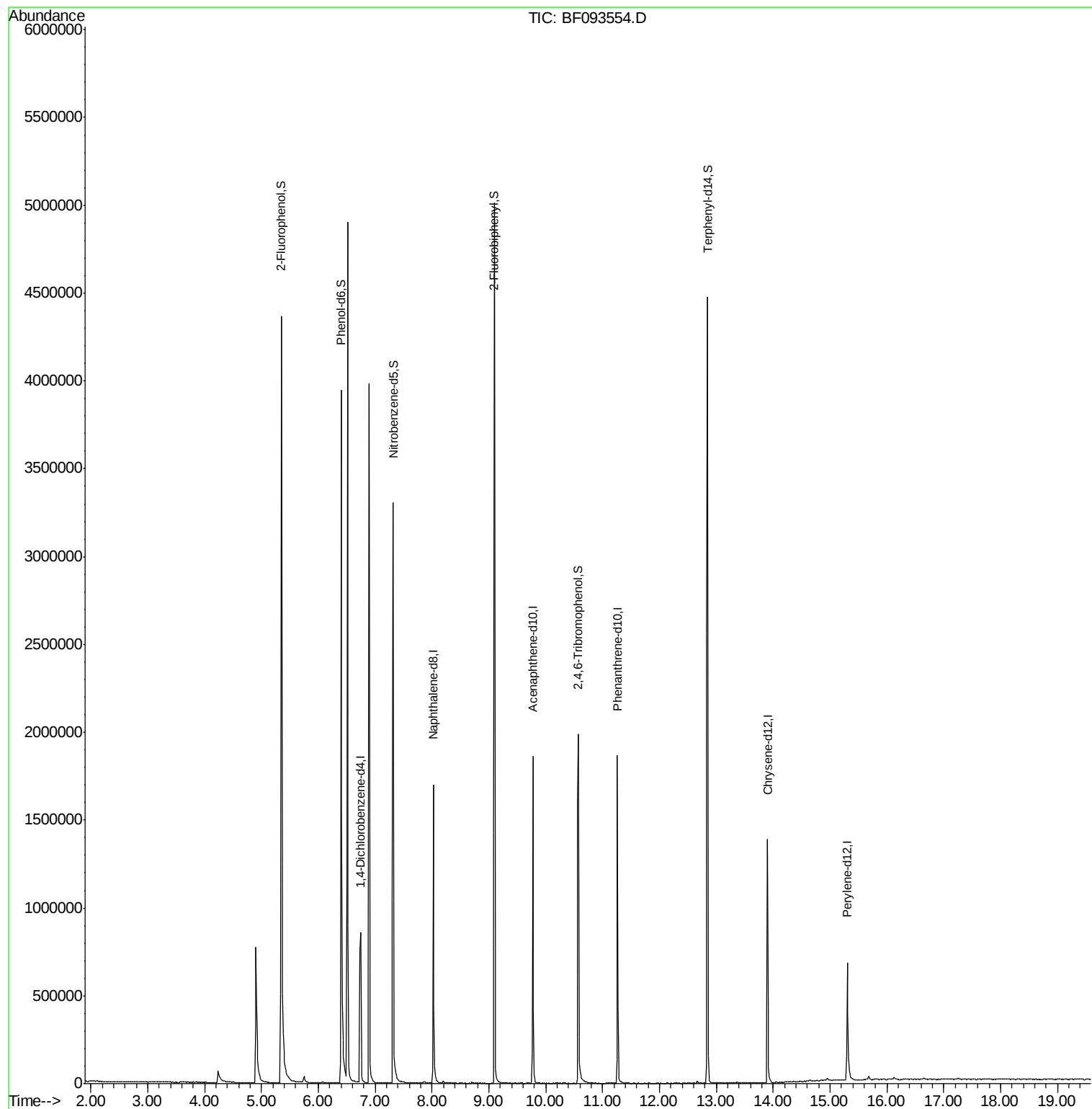
Target Compounds Qvalue

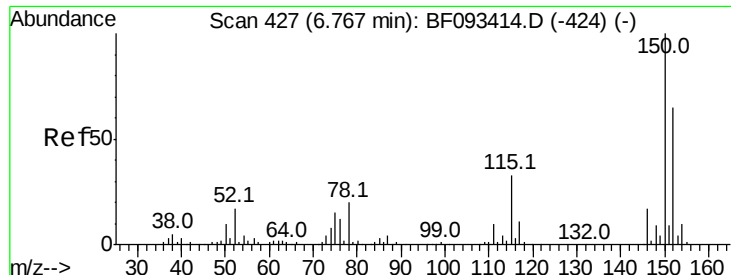
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093554.D

Acq: 11 Mar 2017 6:18

Instrument :

BNA_F

ClientSampleId :

PB97520TB

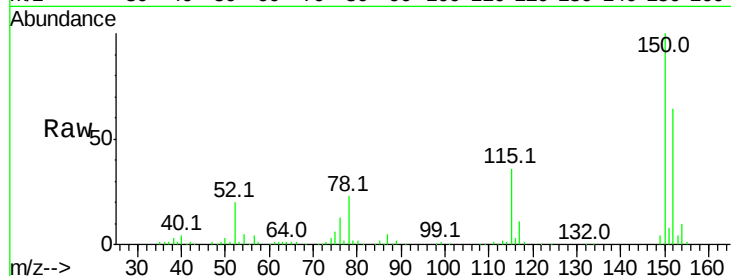
Tot Ion:152 Resp: 192707

Ion Ratio Lower Upper

152 100

150 156.5 124.9 187.3

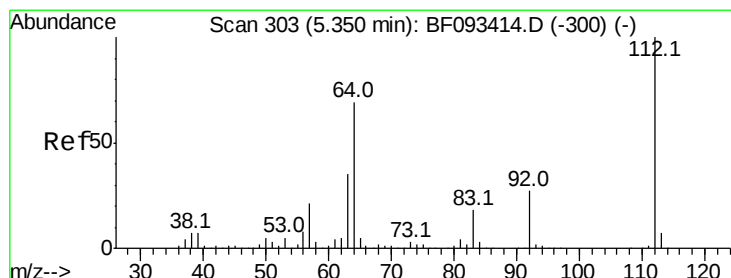
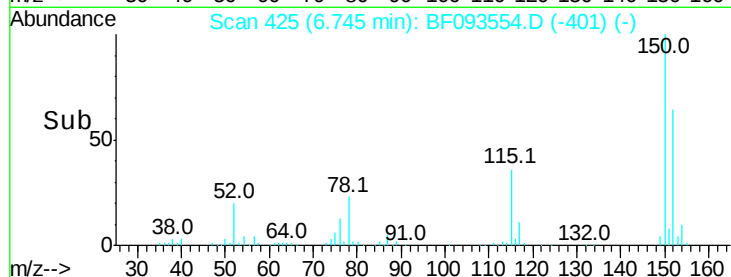
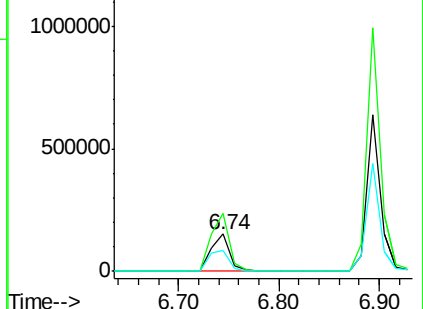
115 56.5 46.0 69.0



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: 123.28 ng

RT: 5.35 min Scan# 303

Delta R.T. 0.00 min

Lab File: BF093554.D

Acq: 11 Mar 2017 6:18

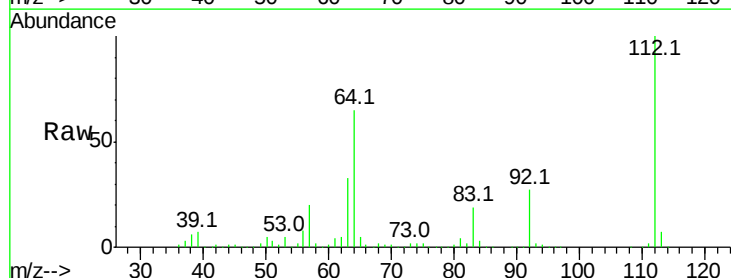
Tgt Ion:112 Resp: 1427379

Ion Ratio Lower Upper

112 100

64 65.4 46.1 69.1

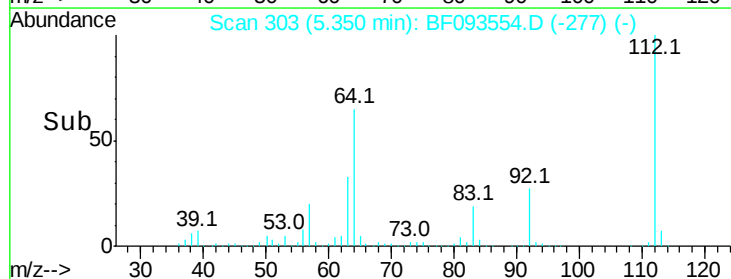
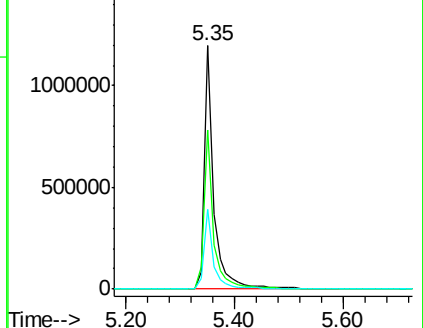
63 33.0 23.8 35.6

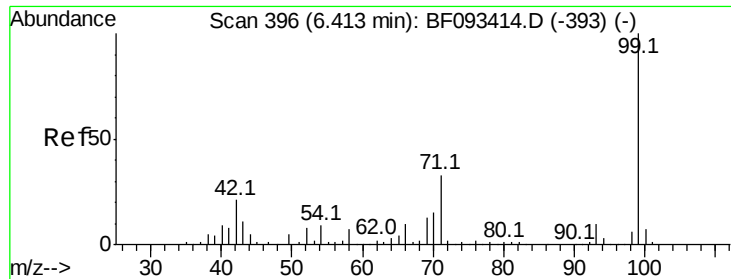


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 117.73 ng

RT: 6.40 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF093554.D

Acq: 11 Mar 2017 6:18

Instrument :

BNA_F

ClientSampleId :

PB97520TB

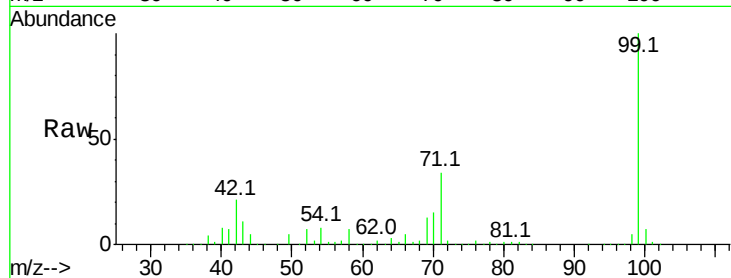
Tot Ion: 99 Resp: 1719035

Ion Ratio Lower Upper

99 100

42 21.3 15.6 23.4

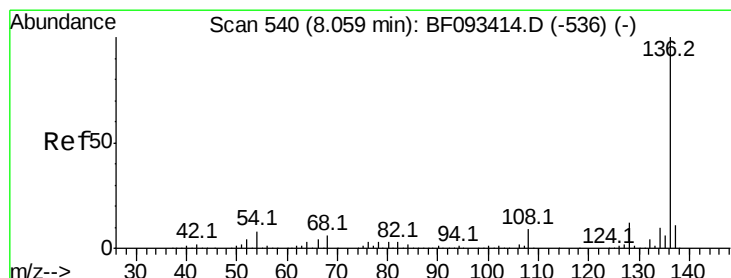
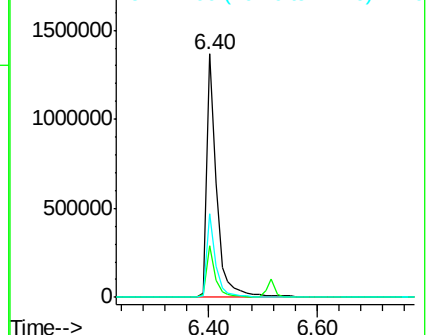
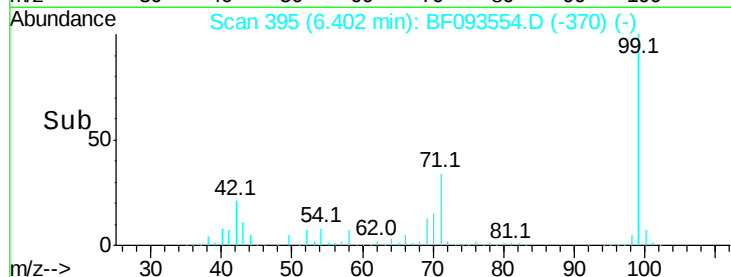
71 34.3 27.5 41.3



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: BF093554.D

Acq: 11 Mar 2017 6:18

Tgt Ion: 136 Resp: 790245

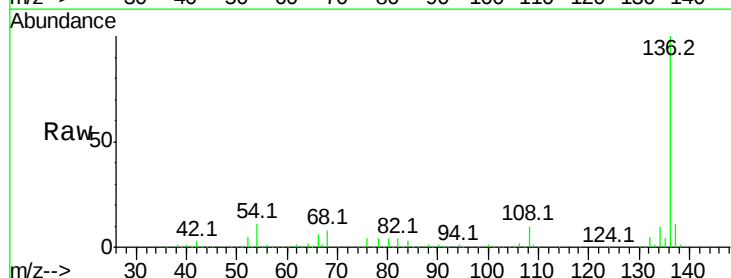
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 10.9 4.5 6.7#

68 7.9 3.6 5.4#

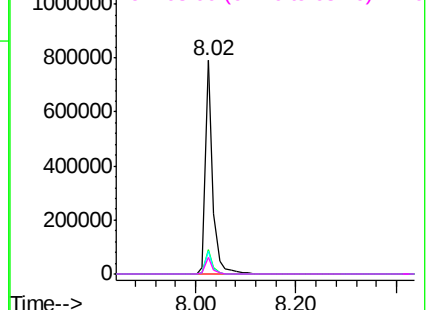
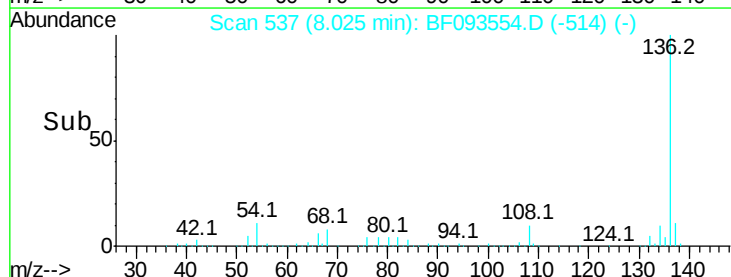


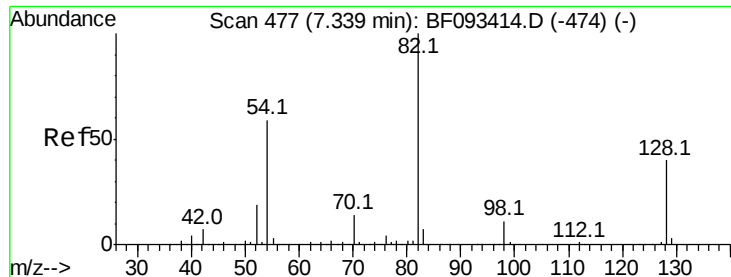
Abundance Ion 136.00 (135.70 to 136.70): E

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



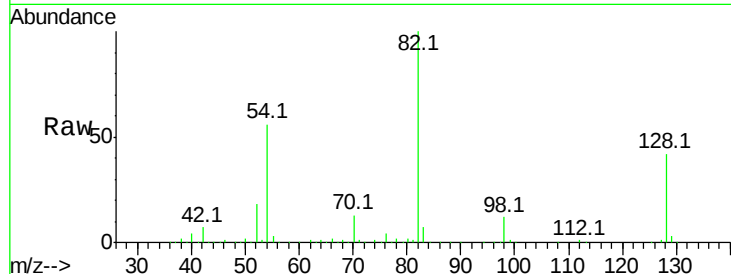


#23
 Nitrobenzene-d5
 Concen: 86.15 ng
 RT: 7.32 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF093554.D
 Acq: 11 Mar 2017 6:18

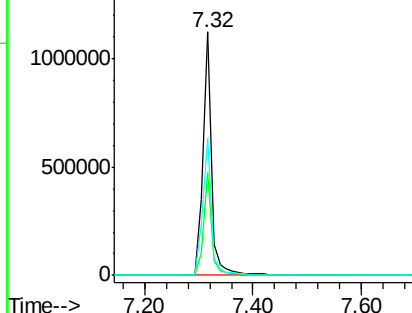
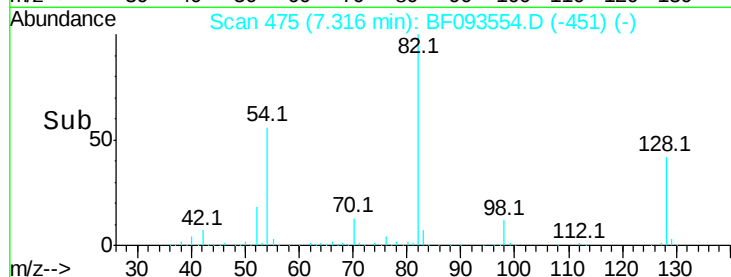
Instrument :
 BNA_F
 ClientSampleId :
 PB97520TB

Tot Ion: 82 Resp: 1227001

Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.6	52.0
54	56.3	39.5	59.3



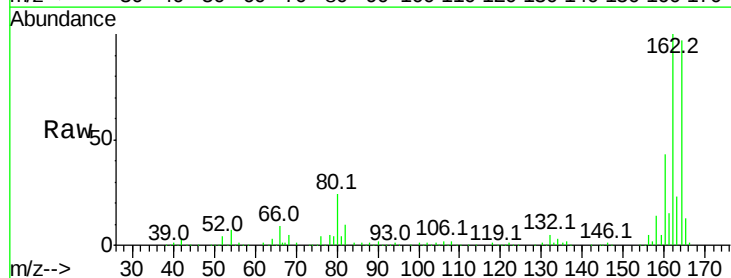
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0



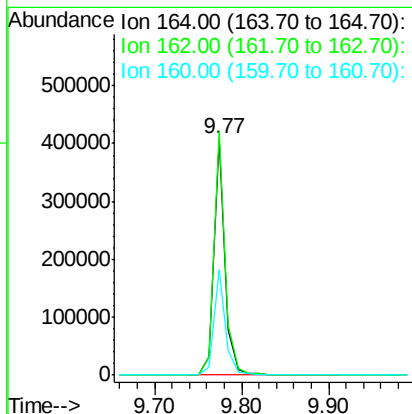
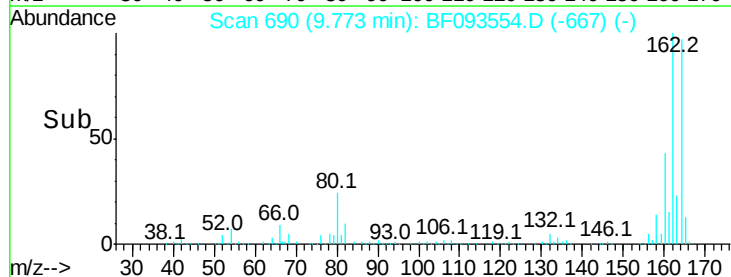
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 690
 Delta R.T. -0.03 min
 Lab File: BF093554.D
 Acq: 11 Mar 2017 6:18

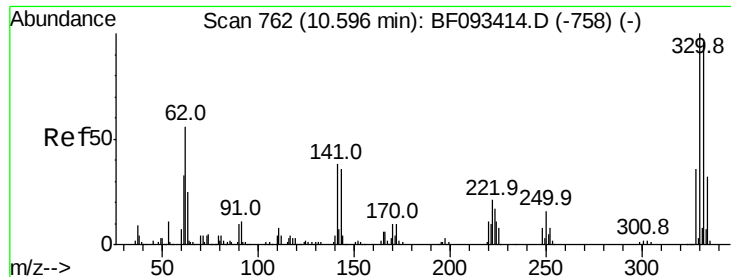
Tgt Ion: 164 Resp: 367440

Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.2	120.2
160	44.5	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

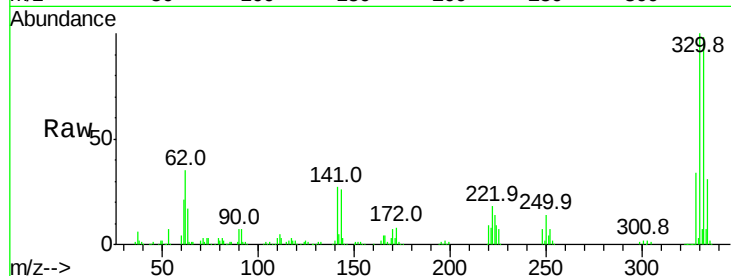




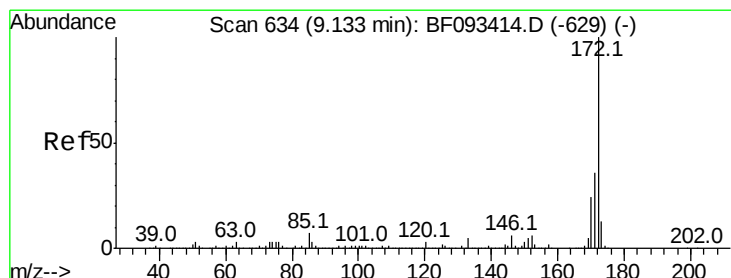
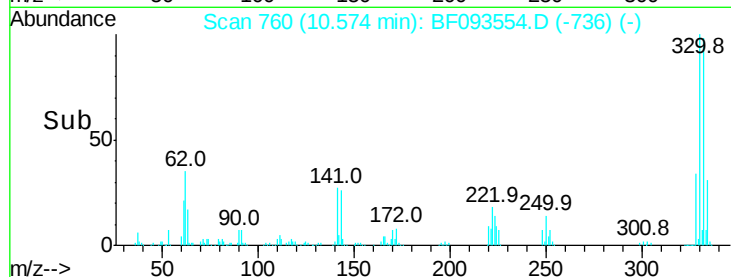
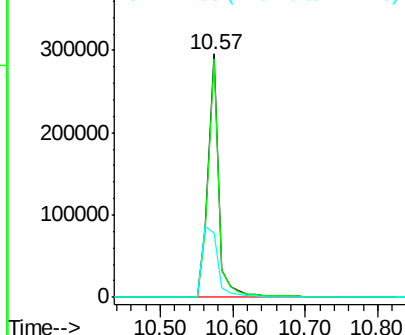
#41
 2,4,6-Tribromophenol
 Concen: 130.16 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093554.D
 Acq: 11 Mar 2017 6:18

Instrument :
 BNA_F
 ClientSampleId :
 PB97520TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.4	116.2
141	43.1	34.1	51.1

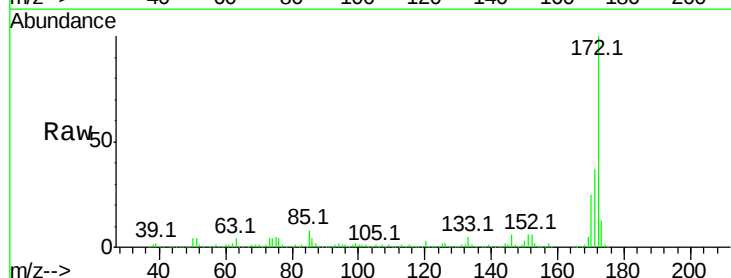


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

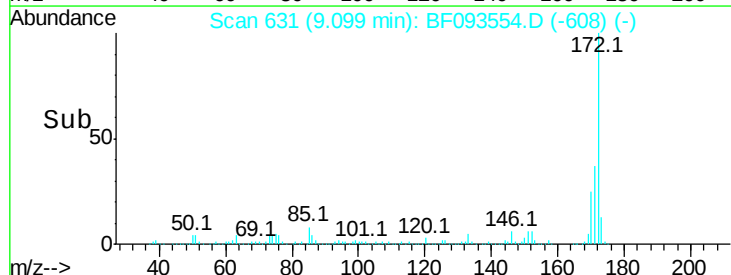
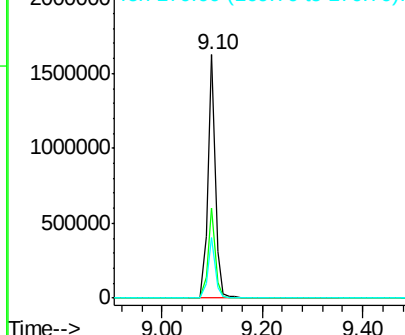


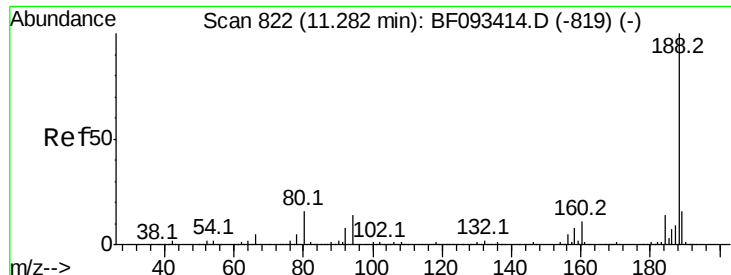
#44
 2-Fluorobiphenyl
 Concen: 84.27 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF093554.D
 Acq: 11 Mar 2017 6:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.4	44.0
170	24.8	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

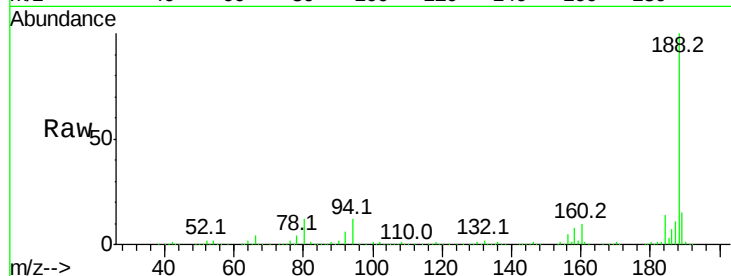




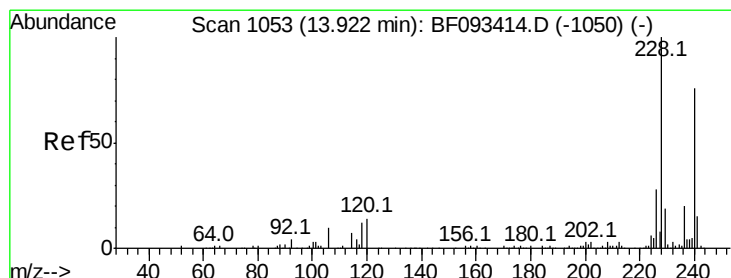
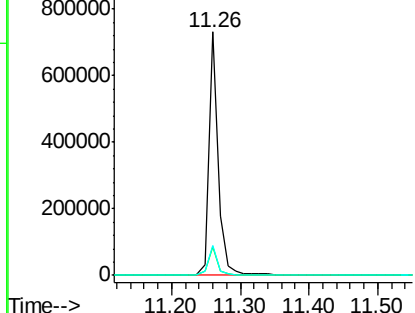
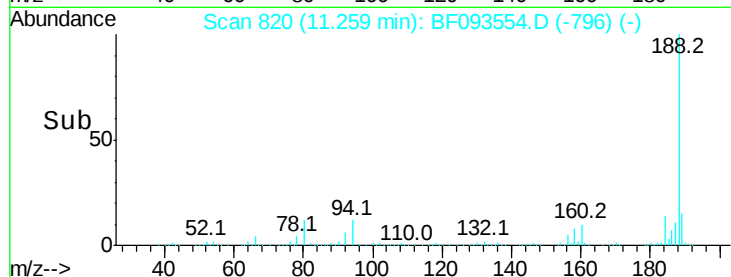
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 820
Delta R.T. -0.02 min
Lab File: BF093554.D
Acq: 11 Mar 2017 6:18

Instrument :
BNA_F
ClientSampleId :
PB97520TB

Tot Ion:188 Resp: 692032
Ion Ratio Lower Upper
188 100
94 11.9 10.0 15.0
80 12.5 11.2 16.8

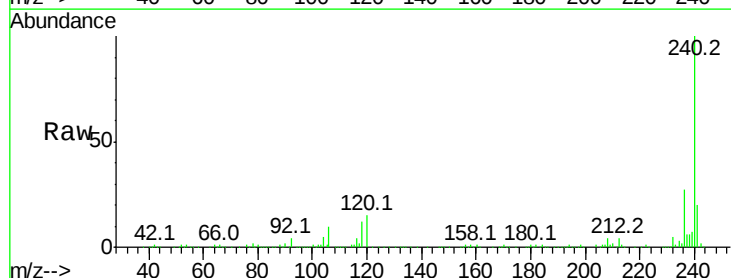


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

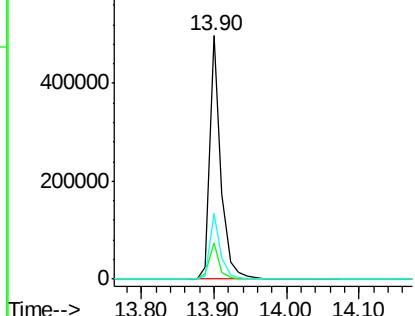
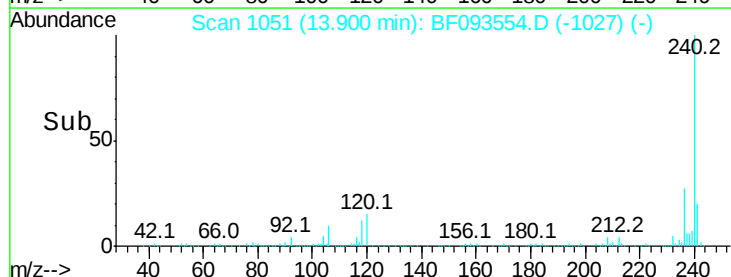


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF093554.D
Acq: 11 Mar 2017 6:18

Tgt Ion:240 Resp: 520863
Ion Ratio Lower Upper
240 100
120 14.7 12.9 19.3
236 27.2 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: 79.69 ng

RT: 12.85 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF093554.D

Acq: 11 Mar 2017 6:18

Instrument :

BNA_F

ClientSampleId :

PB97520TB

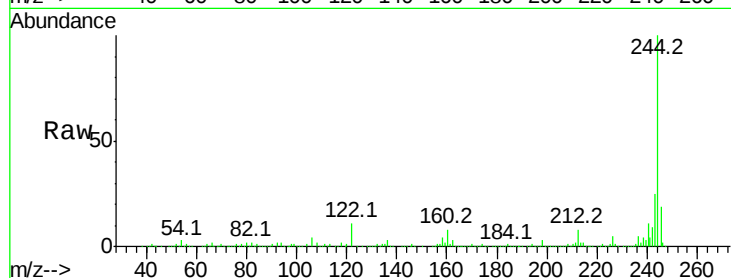
Tot Ion:244 Resp: 1596401

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

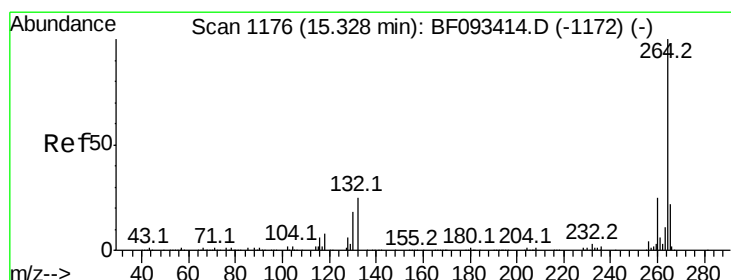
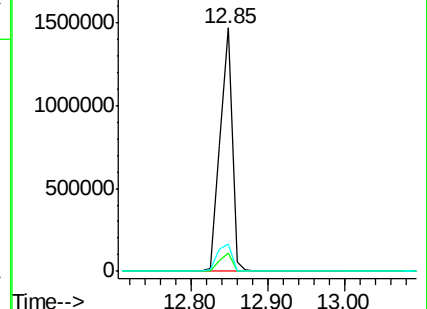
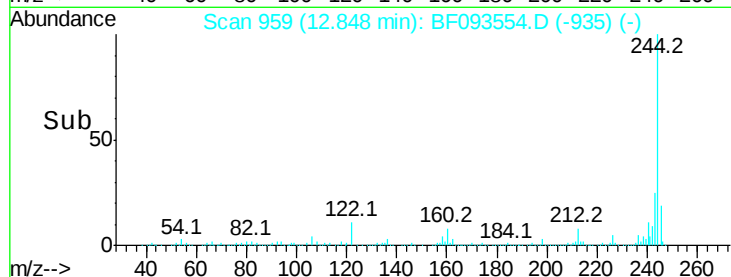
122 11.5 11.4 17.2



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: 15.31 min Scan# 1174

Delta R.T. -0.02 min

Lab File: BF093554.D

Acq: 11 Mar 2017 6:18

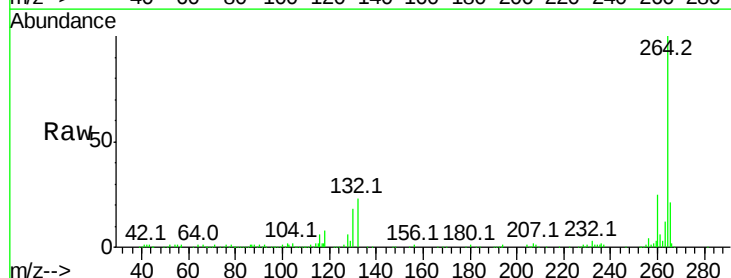
Tgt Ion:264 Resp: 333880

Ion Ratio Lower Upper

264 100

260 24.6 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

