

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
 Data File : BF094367.D
 Acq On : 11 Apr 2017 23:04
 Operator : SJ/MA
 Sample : I2625-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IM-TS-EME-08

Quant Time: Apr 12 03:03:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

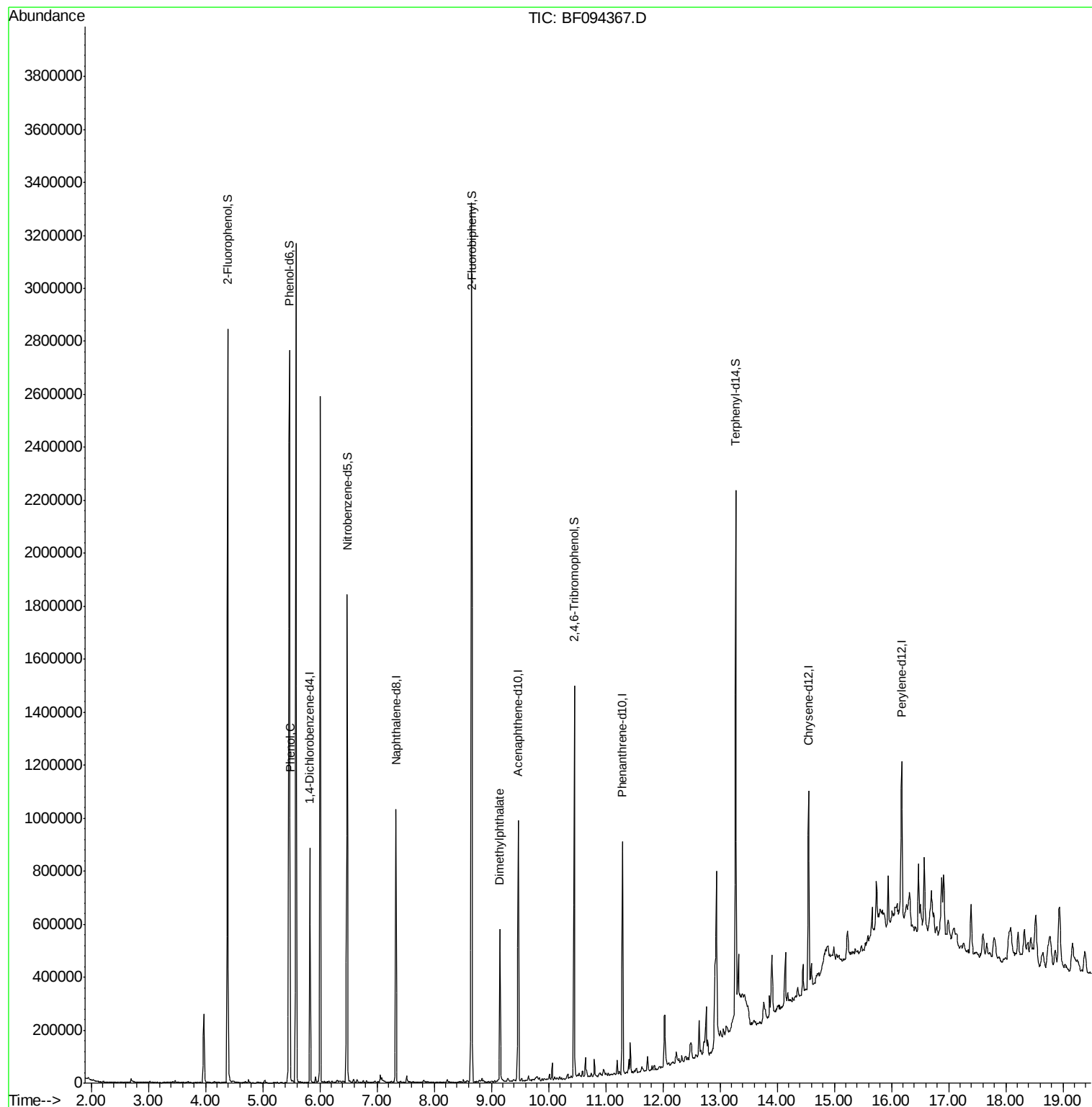
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.83	152	138675	20.00	ng	-0.03
21) Naphthalene-d8	7.33	136	538333	20.00	ng	-0.03
38) Acenaphthene-d10	9.47	164	224066	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	357994	20.00	ng	-0.03
75) Chrysene-d12	14.55	240	288059	20.00	ng	-0.02
86) Perylene-d12	16.18	264	223196	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.39	112	880329	107.22	ng	0.00
7) Phenol-d6	5.47	99	1154247	113.64	ng	0.00
23) Nitrobenzene-d5	6.48	82	710817	75.35	ng	-0.03
41) 2,4,6-Tribromophenol	10.45	330	181550	102.54	ng	-0.02
44) 2-Fluorobiphenyl	8.66	172	1187900	80.86	ng	-0.03
78) Terphenyl-d14	13.28	244	733510	57.08	ng	-0.02
Target Compounds						
10) Phenol	5.48	94	74758	6.47	ng	88
49) Dimethylphthalate	9.15	163	264658	16.62	ng	99

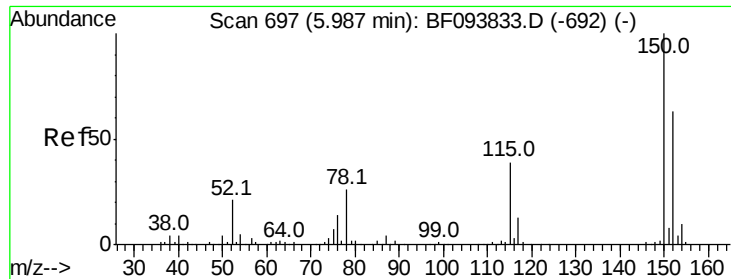
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.83 min Scan# 670

Delta R.T. -0.03 min

Lab File: BF094367.D

Acq: 11 Apr 2017 23:04

Instrument :

BNA_F

ClientSampleId :

IM-TS-EME-08

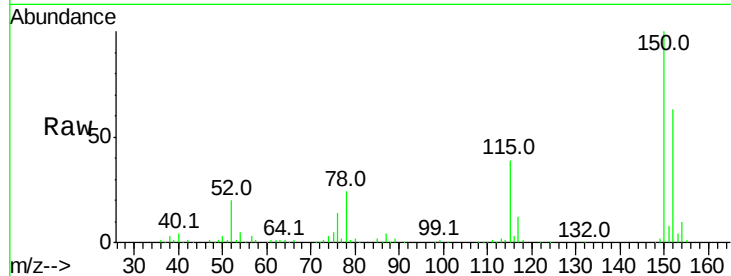
Tot Ion:152 Resp: 138675

Ion Ratio Lower Upper

152 100

150 158.5 126.2 189.2

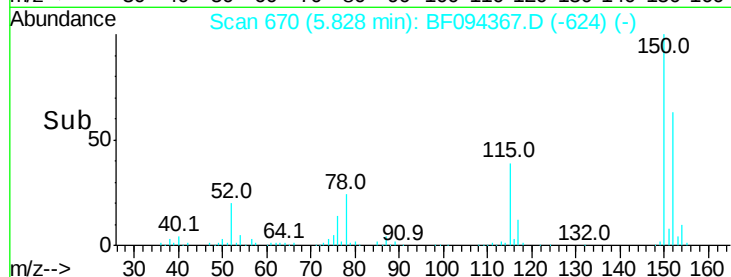
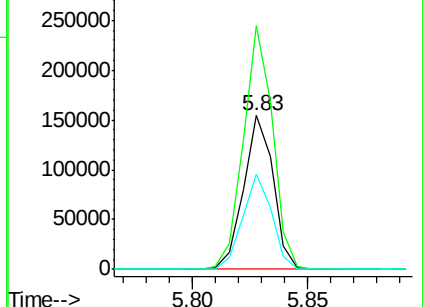
115 62.3 52.2 78.2



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: 107.22 ng

RT: 4.39 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF094367.D

Acq: 11 Apr 2017 23:04

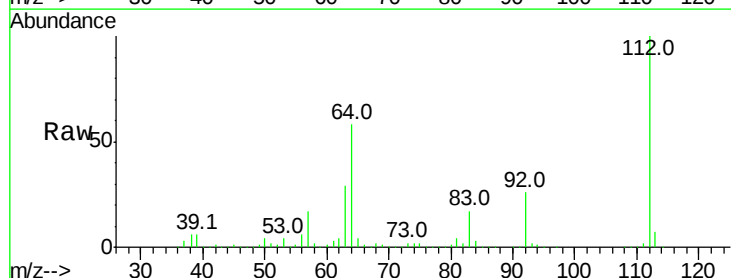
Tgt Ion:112 Resp: 880329

Ion Ratio Lower Upper

112 100

64 58.0 46.0 69.0

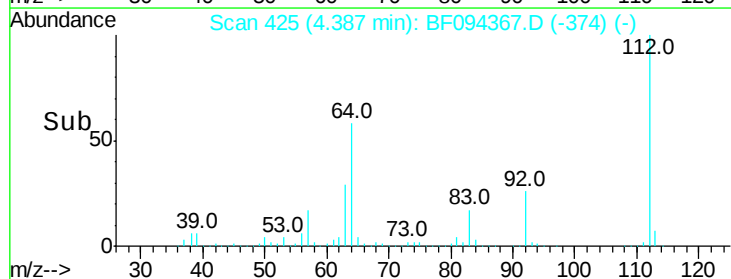
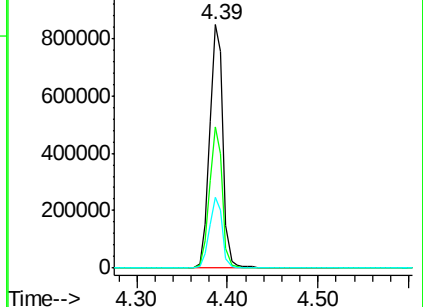
63 28.9 23.4 35.0

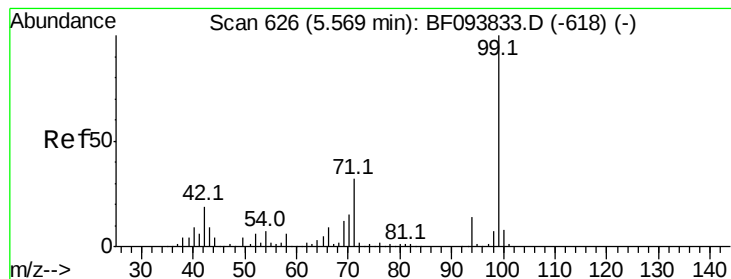


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.64 ng

RT: 5.47 min Scan# 609

Delta R.T. 0.01 min

Lab File: BF094367.D

Acq: 11 Apr 2017 23:04

Instrument :

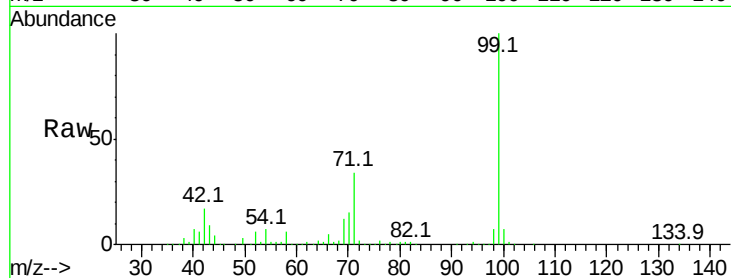
BNA_F

ClientSampleId :

IM-TS-EME-08

Tot Ion: 99 Resp: 1154247

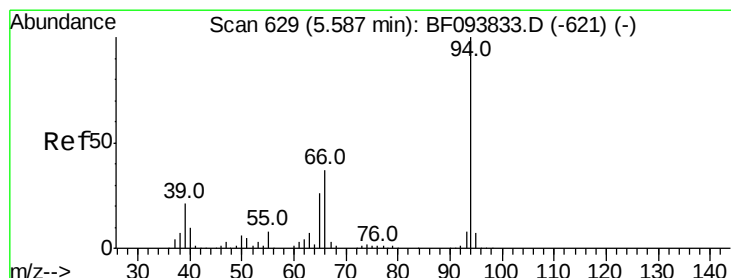
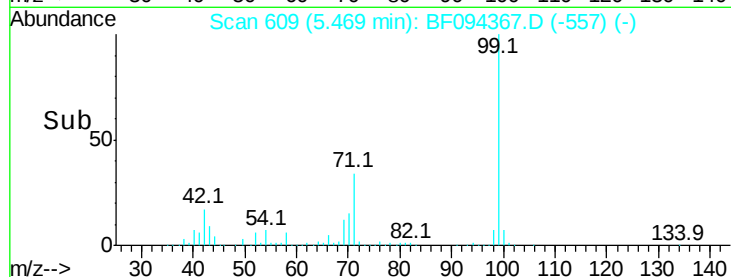
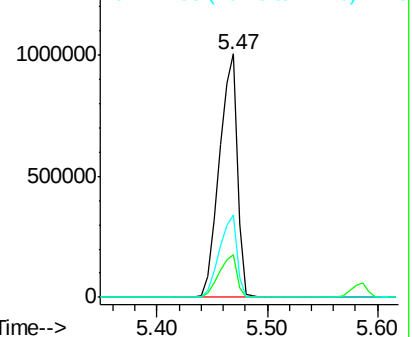
Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.5	20.3
71	33.6	24.5	36.7



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



#10

Phenol

Concen: 6.47 ng

RT: 5.48 min Scan# 611

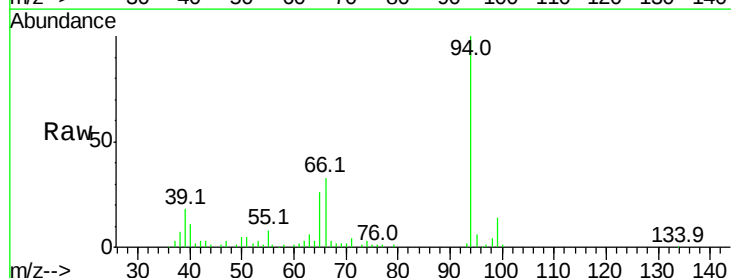
Delta R.T. -0.00 min

Lab File: BF094367.D

Acq: 11 Apr 2017 23:04

Tgt Ion: 94 Resp: 74758

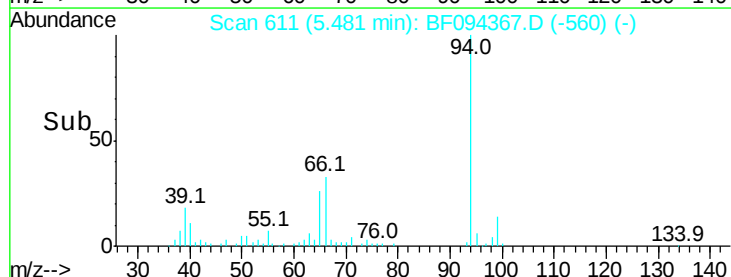
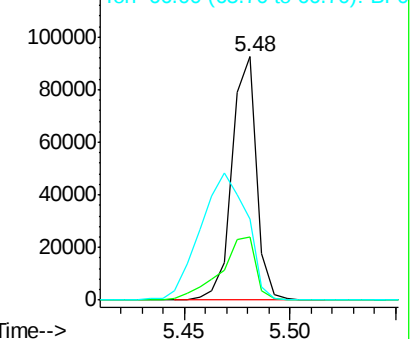
Ion	Ratio	Lower	Upper
94	100		
65	26.2	9.9	49.9
66	33.2	23.1	63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.33 min Scan# 926

Delta R.T. -0.03 min

Lab File: BF094367.D

Acq: 11 Apr 2017 23:04

Instrument :

BNA_F

ClientSampleId :

IM-TS-EME-08

Tot Ion:136 Resp: 538333

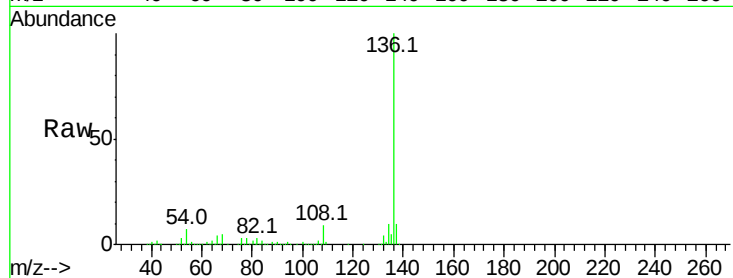
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 6.8 4.9 7.3

68 5.2 4.1 6.1

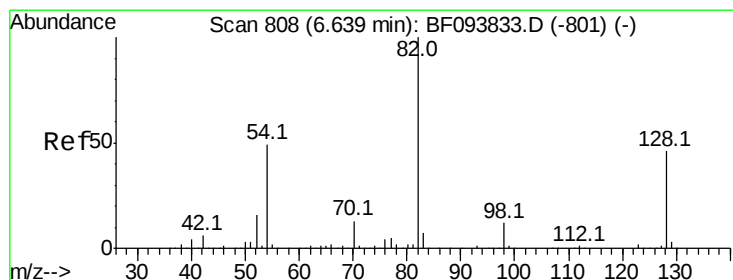
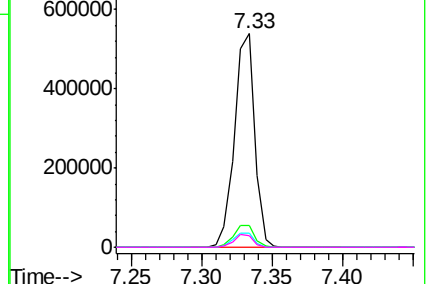
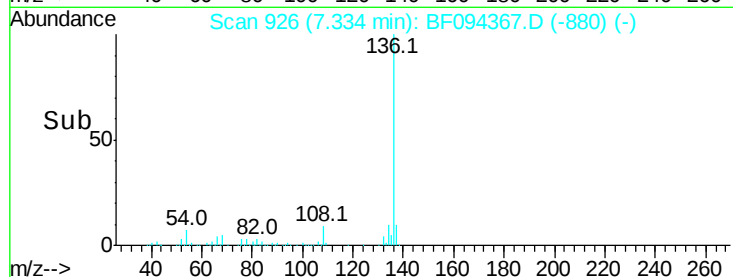


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.35 ng

RT: 6.48 min Scan# 781

Delta R.T. -0.03 min

Lab File: BF094367.D

Acq: 11 Apr 2017 23:04

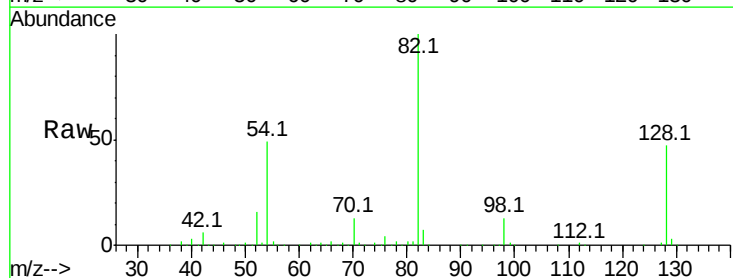
Tgt Ion: 82 Resp: 710817

Ion Ratio Lower Upper

82 100

128 46.6 34.0 51.0

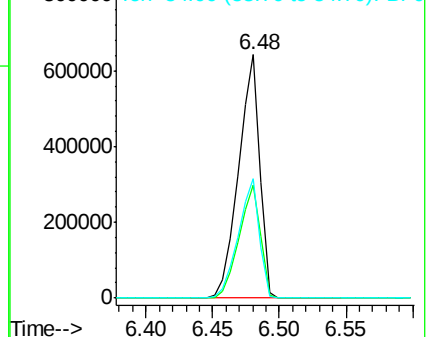
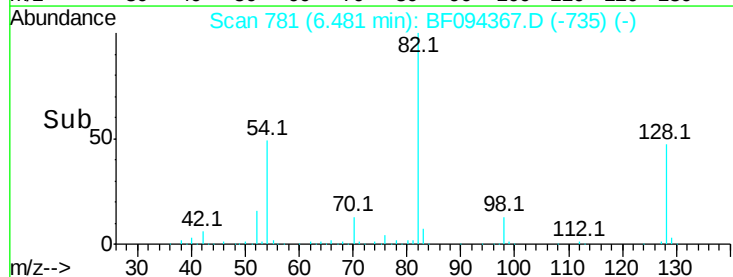
54 48.9 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

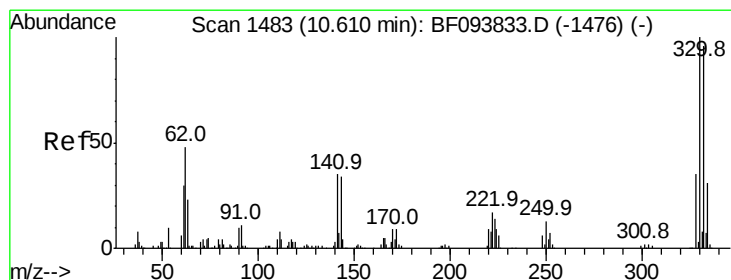
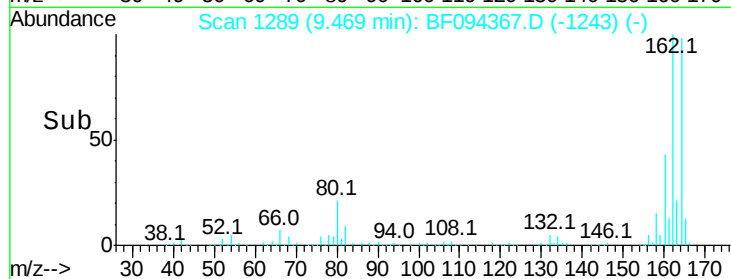
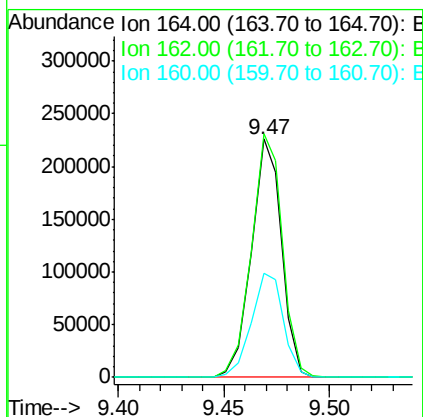
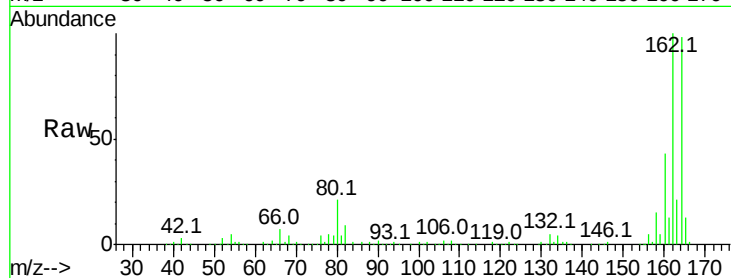




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.47 min Scan# 1289
 Delta R.T. -0.03 min
 Lab File: BF094367.D
 Acq: 11 Apr 2017 23:04

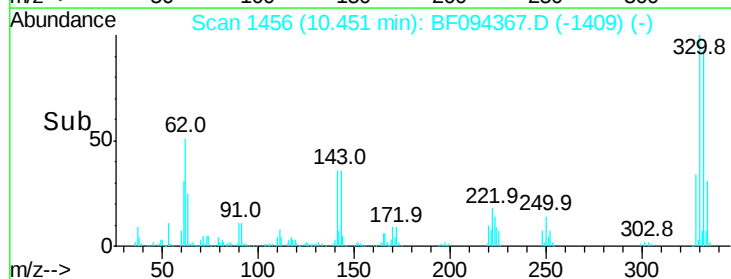
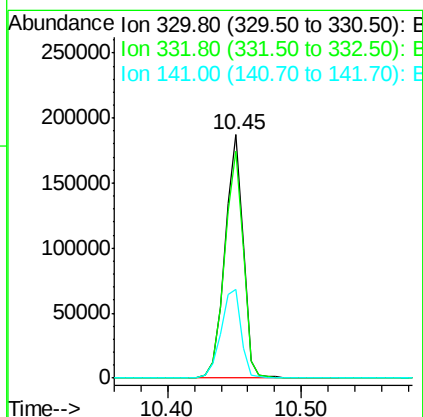
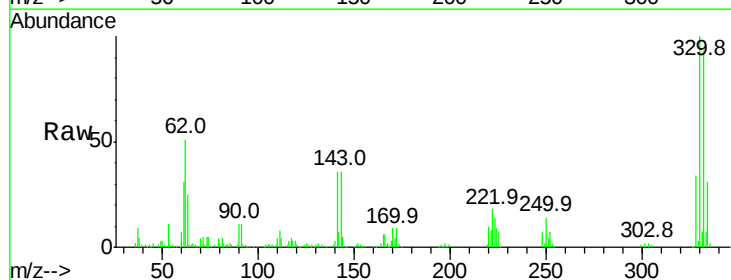
Instrument :
 BNA_F
 ClientSampleId :
 IM-TS-EME-08

Tot Ion:164 Resp: 224066
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.6 123.8
 160 43.9 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 102.54 ng
 RT: 10.45 min Scan# 1456
 Delta R.T. -0.02 min
 Lab File: BF094367.D
 Acq: 11 Apr 2017 23:04

Tgt Ion:330 Resp: 181550
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 115.0
 141 40.2 31.4 47.2



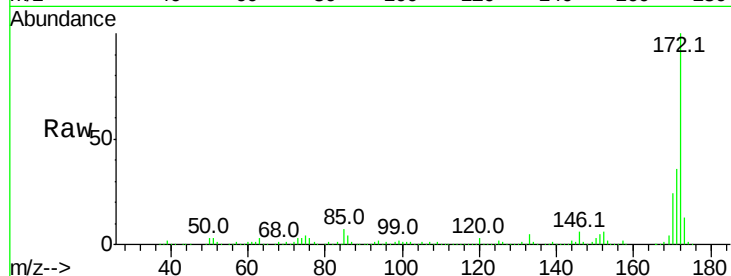


#44
 2-Fluorobiphenyl
 Concen: 80.86 ng
 RT: 8.66 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF094367.D
 Acq: 11 Apr 2017 23:04

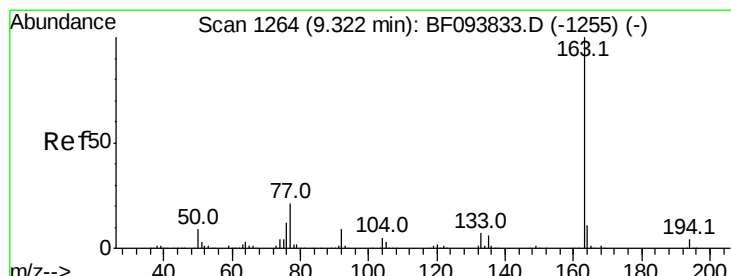
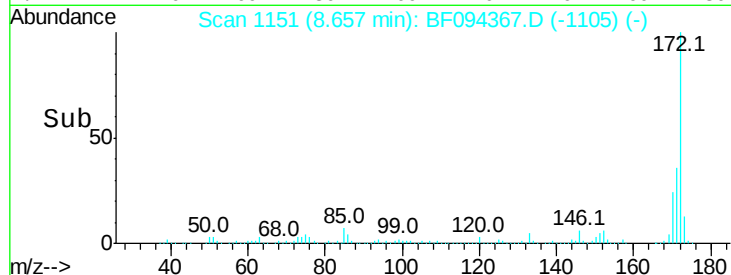
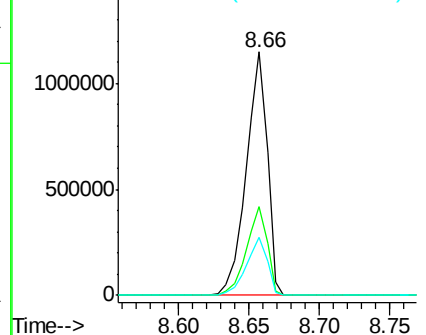
Instrument :
 BNA_F
 ClientSampleId :
 IM-TS-EME-08

Tot Ion:172 Resp: 1187900

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.8	19.8	29.8



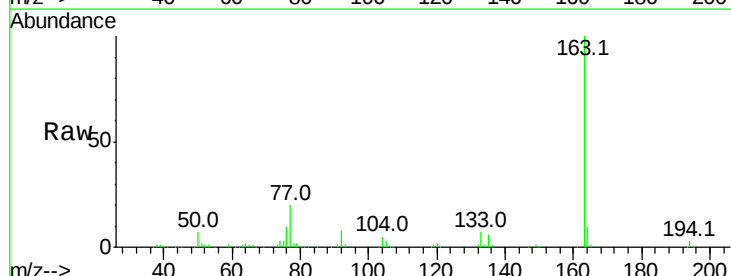
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



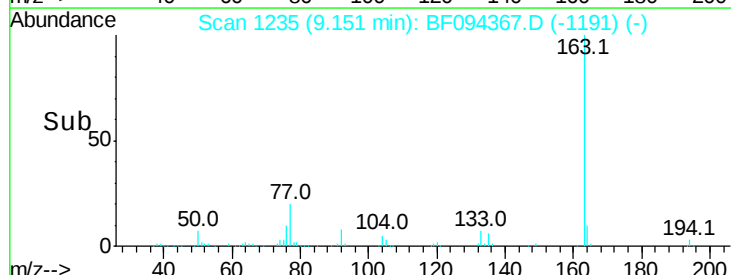
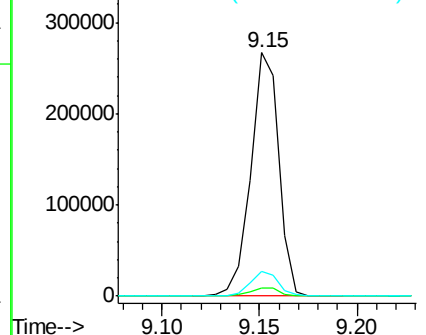
#49
 Dimethylphthalate
 Concen: 16.62 ng
 RT: 9.15 min Scan# 1235
 Delta R.T. -0.04 min
 Lab File: BF094367.D
 Acq: 11 Apr 2017 23:04

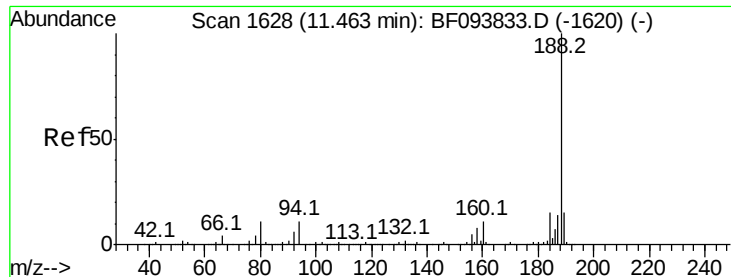
Tgt Ion:163 Resp: 264658

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.1	8.4	12.6



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

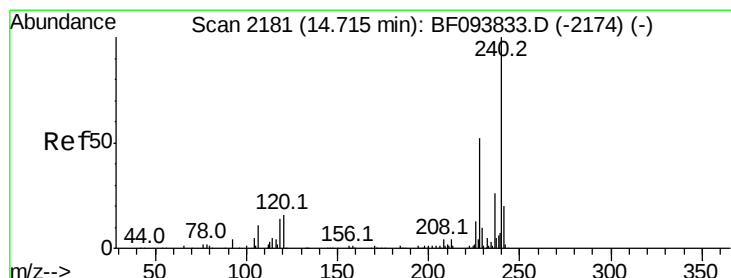
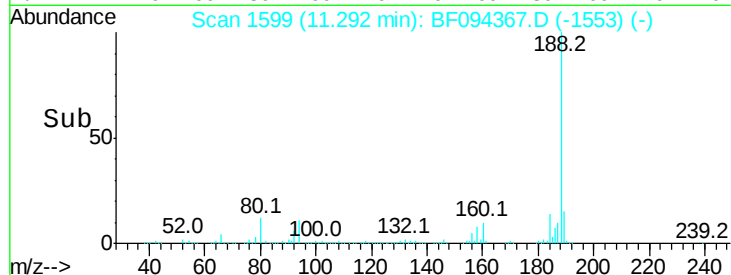
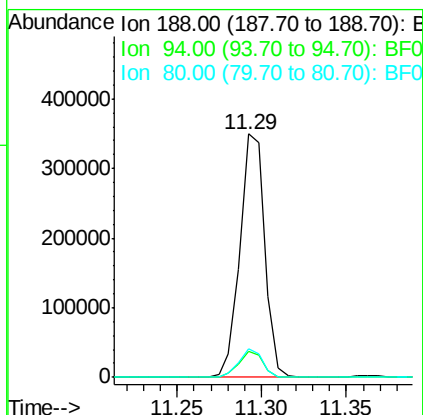
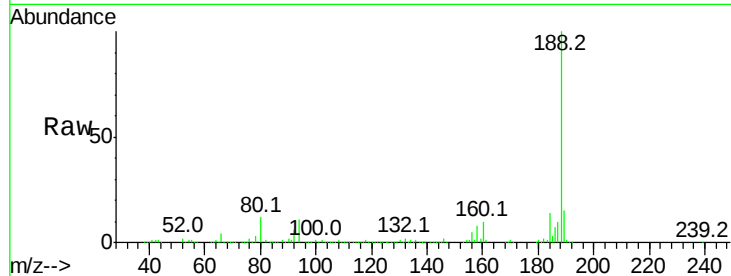




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1599
Delta R.T. -0.03 min
Lab File: BF094367.D
Acq: 11 Apr 2017 23:04

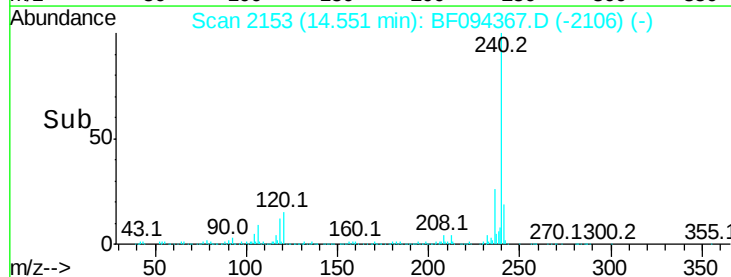
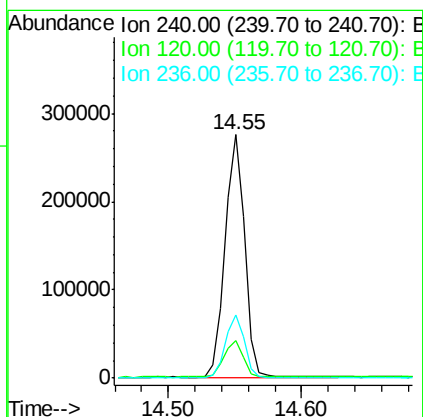
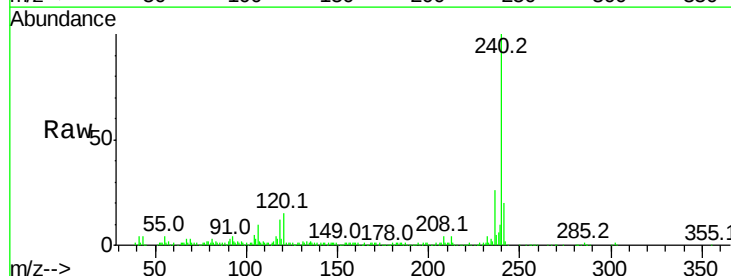
Instrument :
BNA_F
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IM-TS-EME-08

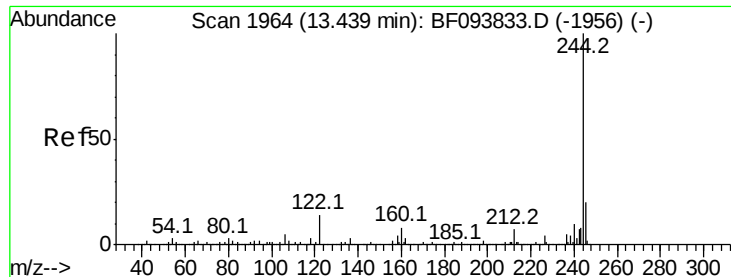
Tot Ion:188 Resp: 357994
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 11.8 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.55 min Scan# 2153
Delta R.T. -0.02 min
Lab File: BF094367.D
Acq: 11 Apr 2017 23:04

Tgt Ion:240 Resp: 288059
Ion Ratio Lower Upper
240 100
120 15.2 5.8 8.8#
236 26.0 20.5 30.7





#78

Terphenyl-d14

Concen: 57.08 ng

RT: 13.28 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BF094367.D

Acq: 11 Apr 2017 23:04

Instrument :

BNA_F

ClientSampleId :

IM-TS-EME-08

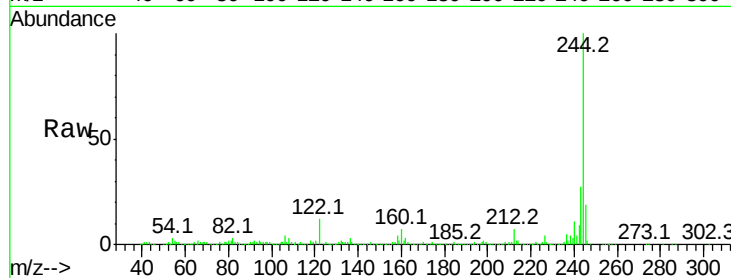
Tot Ion:244 Resp: 733510

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

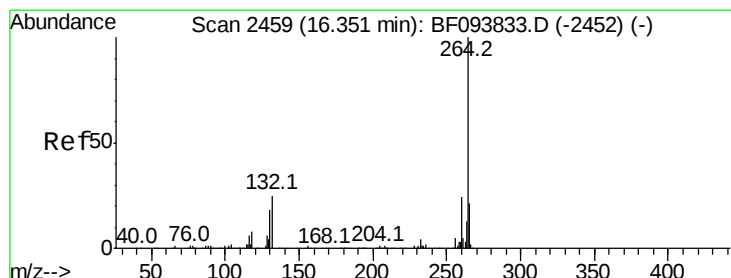
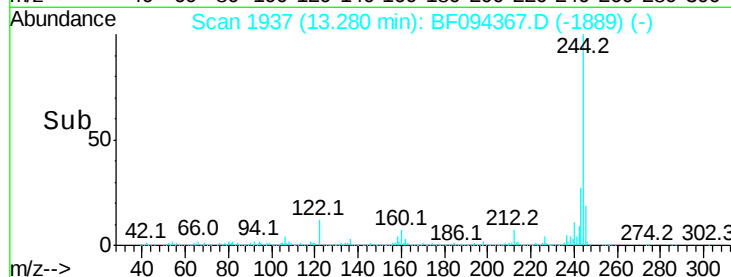
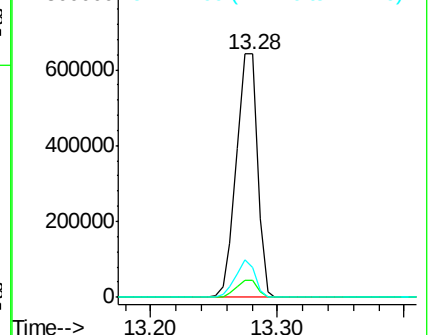
122 12.5 10.3 15.5



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: 16.18 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BF094367.D

Acq: 11 Apr 2017 23:04

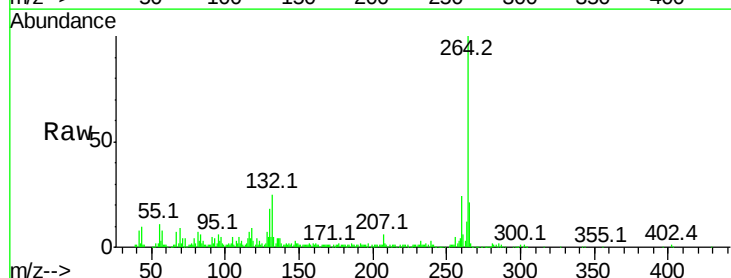
Tgt Ion:264 Resp: 223196

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 20.9 17.2 25.8



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

