

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\
 Data File : BF094277.D
 Acq On : 7 Apr 2017 17:17
 Operator : SJ/MA
 Sample : I2585-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 22A

Quant Time: Apr 07 18:08:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 07 14:38:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	158585	20.00	ng	0.00
21) Naphthalene-d8	7.35	136	635980	20.00	ng	0.00
38) Acenaphthene-d10	9.49	164	291173	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	501561	20.00	ng	0.00
75) Chrysene-d12	14.56	240	378525	20.00	ng	0.00
86) Perylene-d12	16.19	264	272208	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.37	112	555294	59.14	ng	0.00
7) Phenol-d6	5.45	99	419580	36.12	ng	-0.01
23) Nitrobenzene-d5	6.50	82	1008982	90.54	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	329141	143.05	ng	0.00
44) 2-Fluorobiphenyl	8.67	172	1775440	93.00	ng	0.00
78) Terphenyl-d14	13.29	244	1326850	78.57	ng	0.00

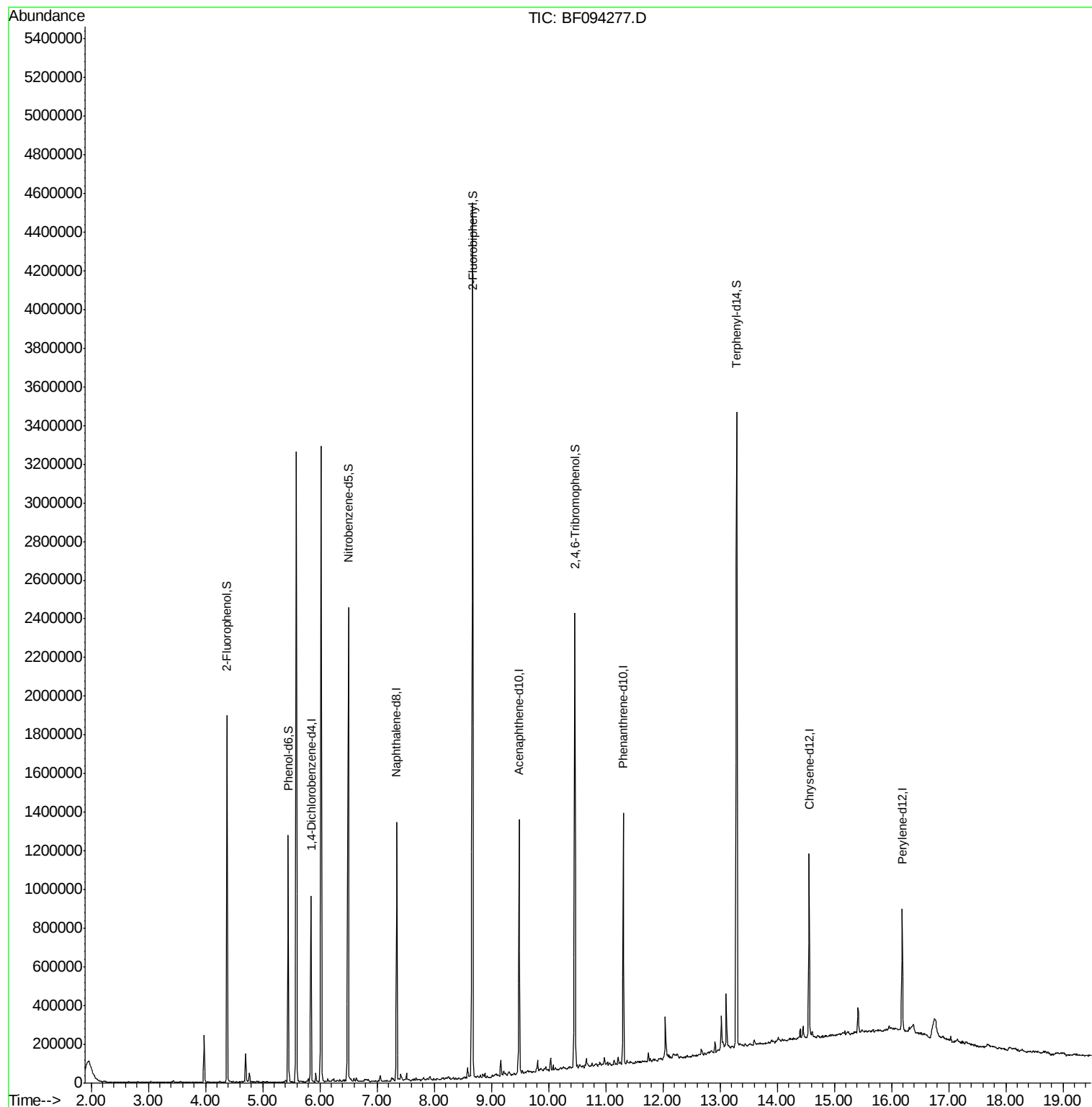
Target Compounds Qvalue

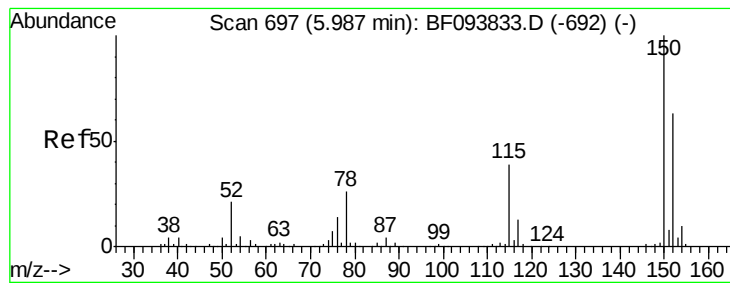
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.85 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF094277.D

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22A

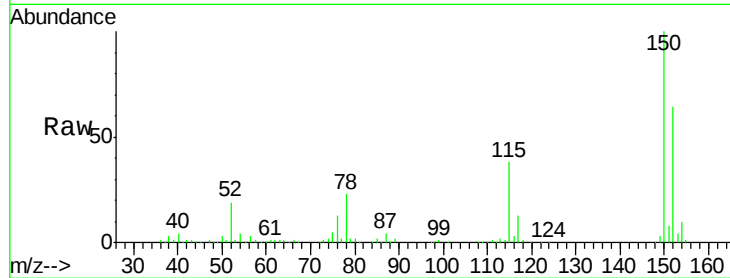
Tot Ion:152 Resp: 158585

Ion Ratio Lower Upper

152 100

150 156.0 126.2 189.2

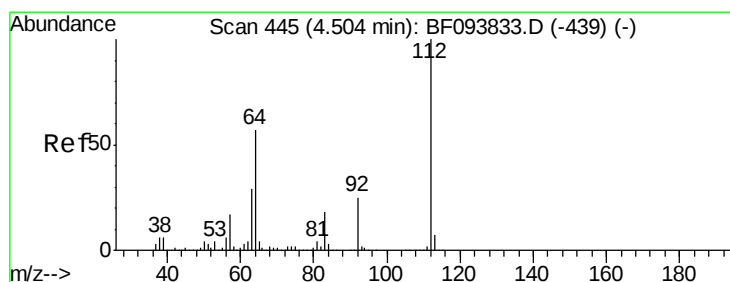
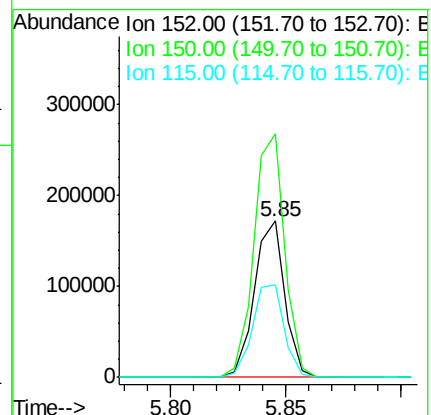
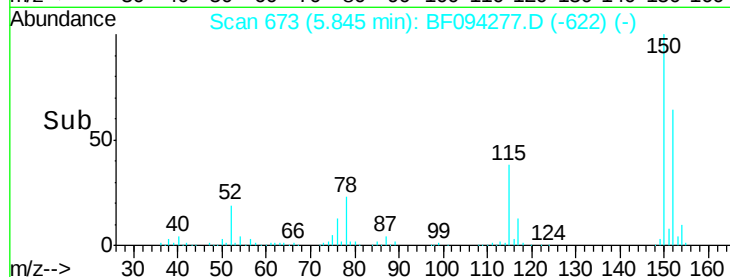
115 59.4 52.2 78.2



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: 59.14 ng

RT: 4.37 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF094277.D

Acq: 7 Apr 2017 17:17

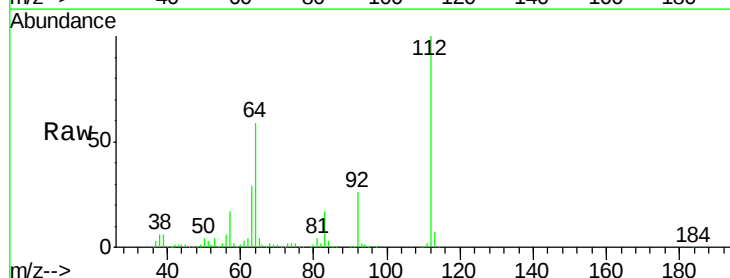
Tgt Ion:112 Resp: 555294

Ion Ratio Lower Upper

112 100

64 59.0 46.0 69.0

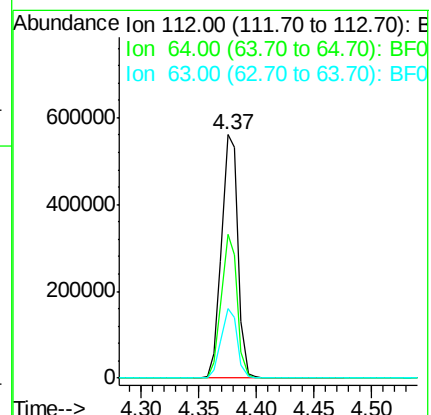
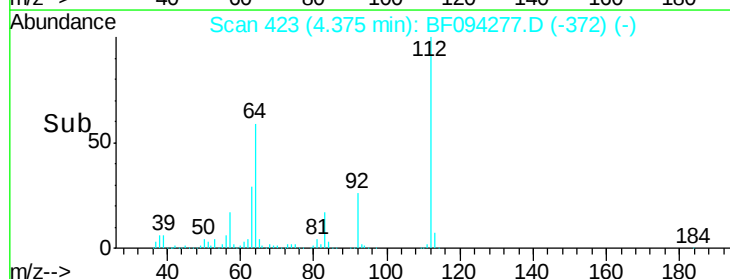
63 28.5 23.4 35.0

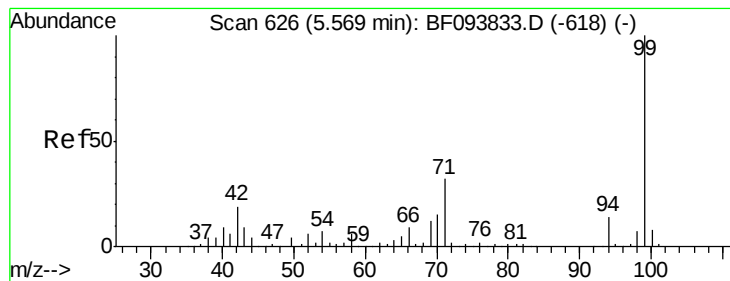


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.12 ng

RT: 5.45 min Scan# 605

Delta R.T. -0.01 min

Lab File: BF094277.D

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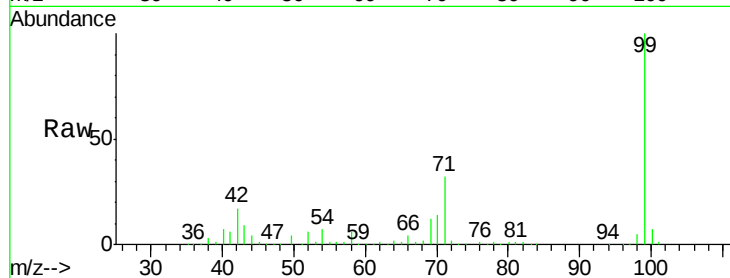
Tot Ion: 99 Resp: 419580

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

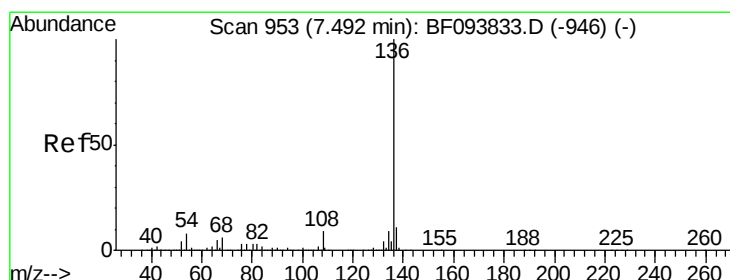
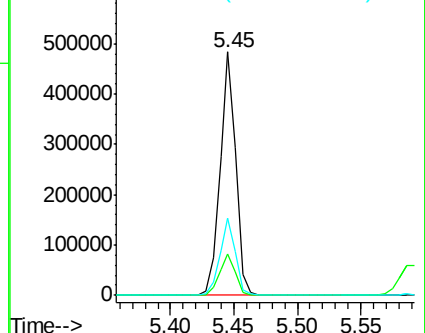
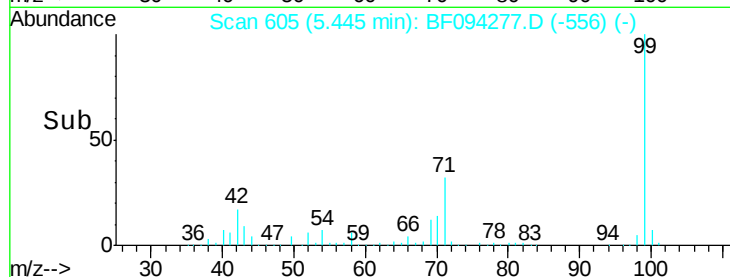
71 31.9 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.35 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF094277.D

Acq: 7 Apr 2017 17:17

Tgt Ion: 136 Resp: 635980

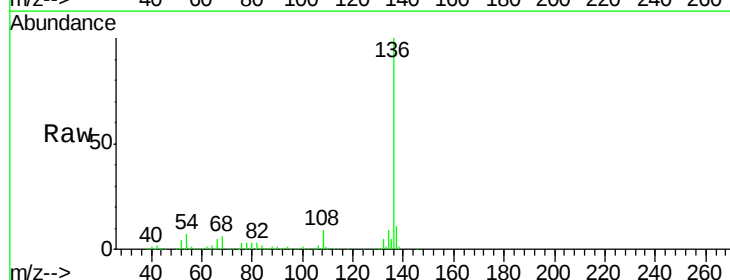
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.3 4.9 7.3

68 6.0 4.1 6.1

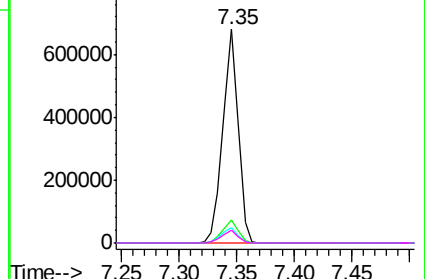
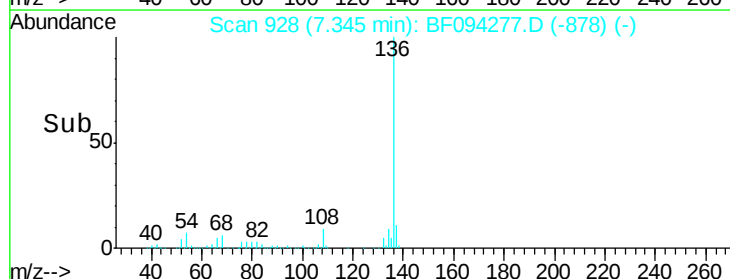


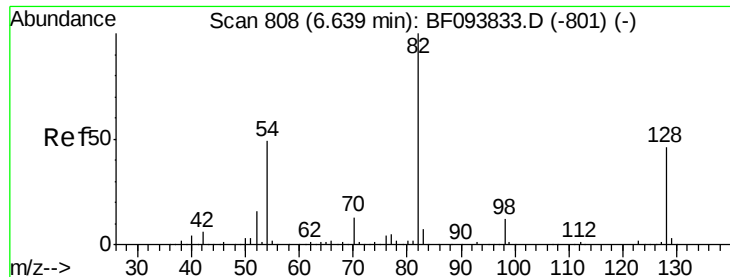
Abundance Ion 136.00 (135.70 to 136.70): E

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

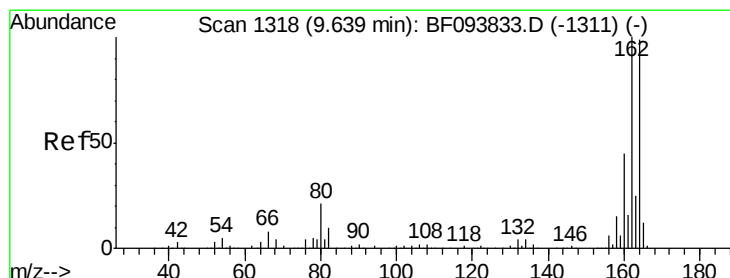
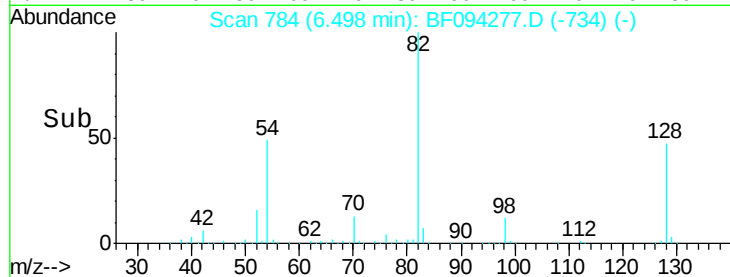
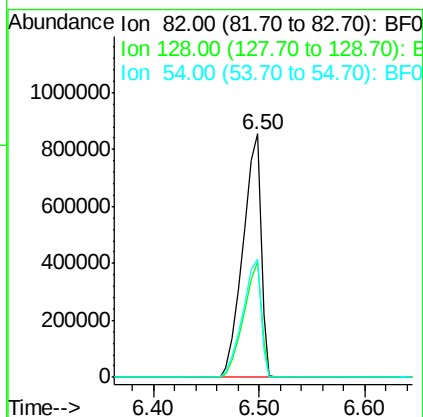
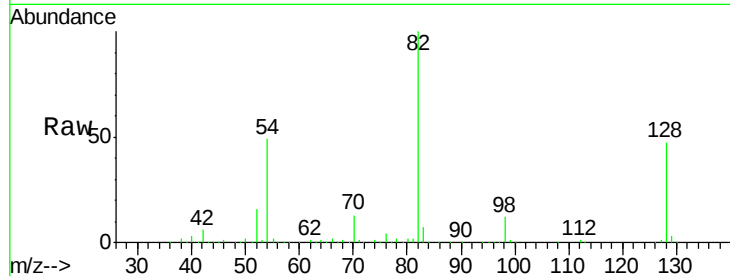




#23
 Nitrobenzene-d5
 Concen: 90.54 ng
 RT: 6.50 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF094277.D
 Acq: 7 Apr 2017 17:17

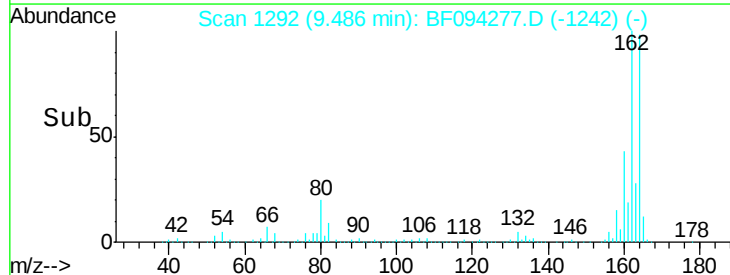
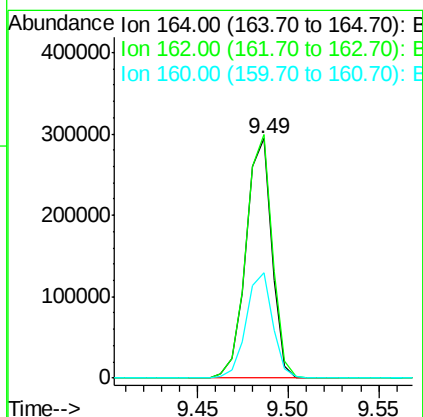
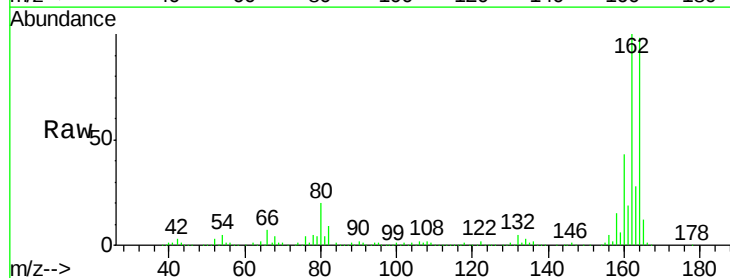
Instrument :
 BNA_F
 ClientSampleId :
 22A

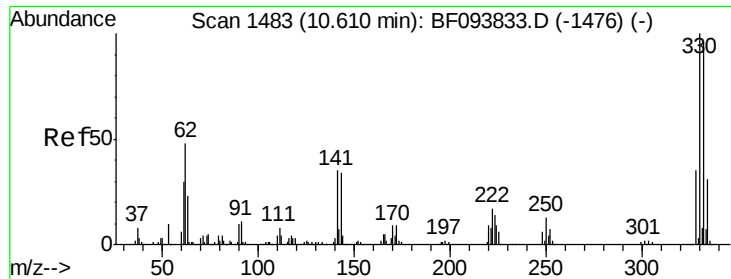
Tot Ion: 82 Resp: 1008982
 Ion Ratio Lower Upper
 82 100
 128 47.3 34.0 51.0
 54 48.8 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.49 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BF094277.D
 Acq: 7 Apr 2017 17:17

Tgt Ion:164 Resp: 291173
 Ion Ratio Lower Upper
 164 100
 162 101.8 82.6 123.8
 160 44.1 36.2 54.2

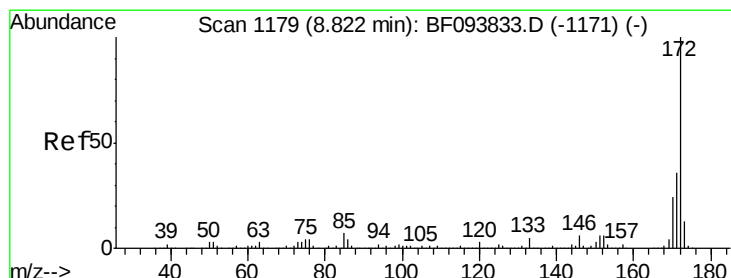
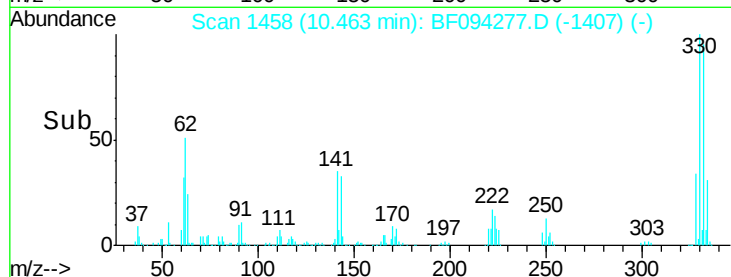
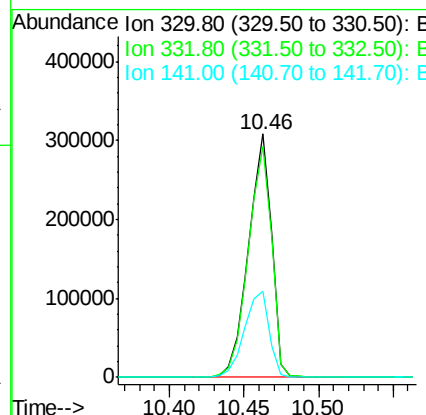
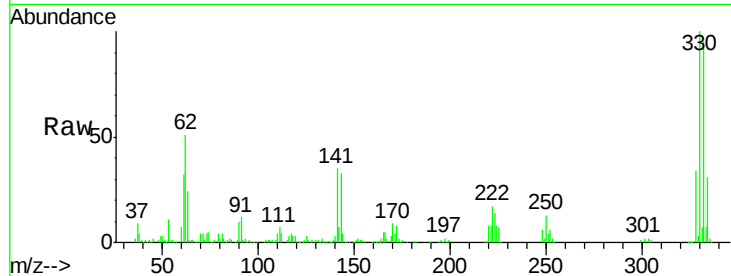




#41
 2,4,6-Tribromophenol
 Concen: 143.05 ng
 RT: 10.46 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: BF094277.D
 Acq: 7 Apr 2017 17:17

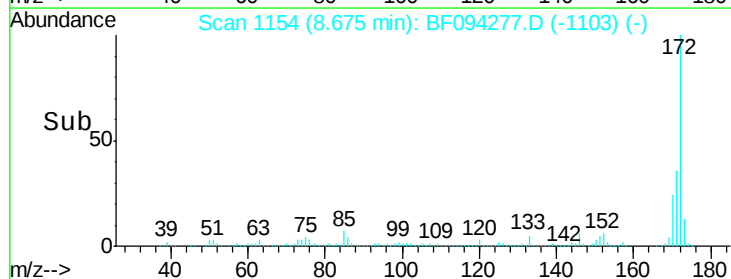
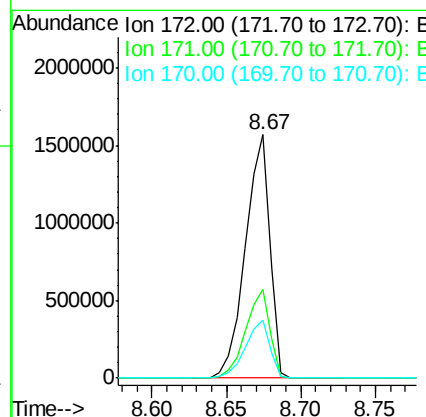
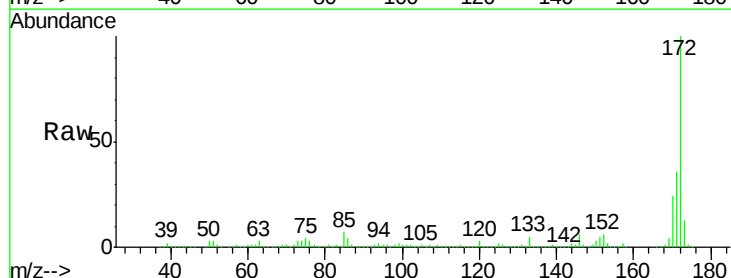
Instrument :
 BNA_F
 ClientSampleId :
 22A

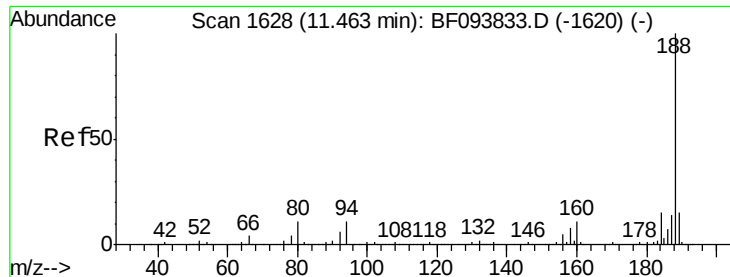
Tot Ion:330 Resp: 329141
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 115.0
 141 38.4 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 93.00 ng
 RT: 8.67 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF094277.D
 Acq: 7 Apr 2017 17:17

Tgt Ion:172 Resp: 1775440
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 23.7 19.8 29.8

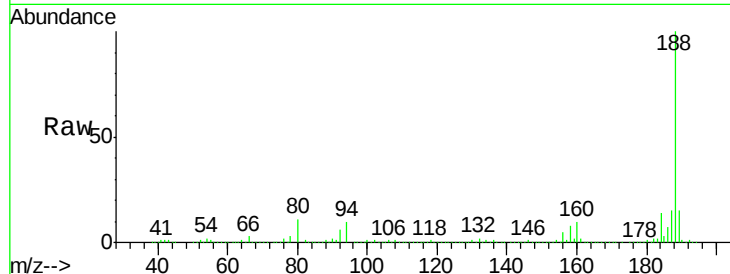




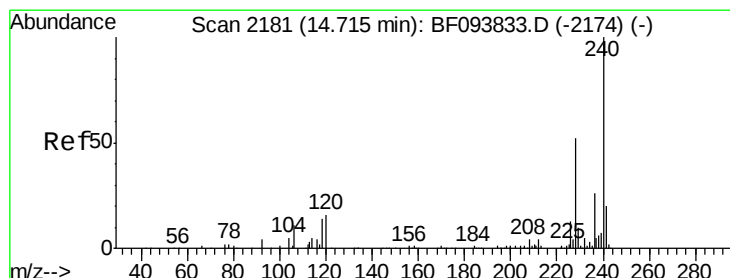
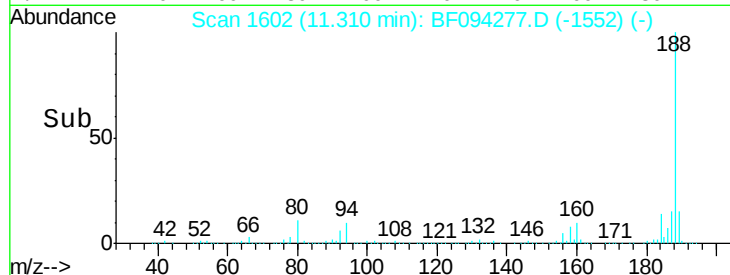
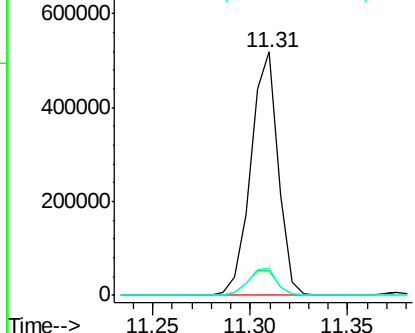
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF094277.D
Acq: 7 Apr 2017 17:17

Instrument :
BNA_F
ClientSampleId :
22A

Tot Ion:188 Resp: 501561
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 11.3 10.2 15.2

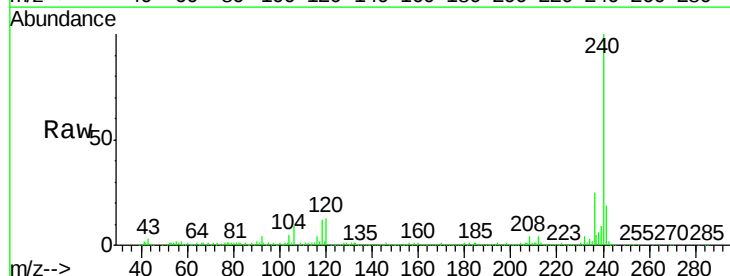


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

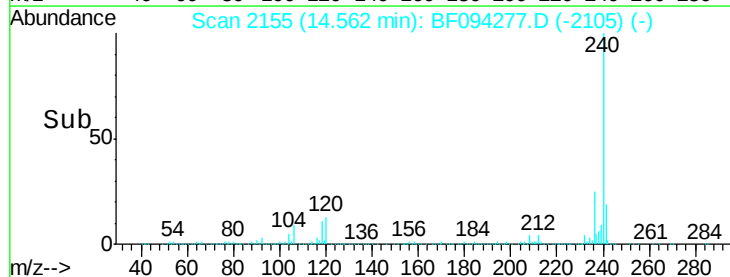
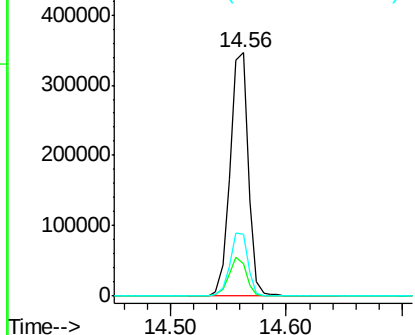


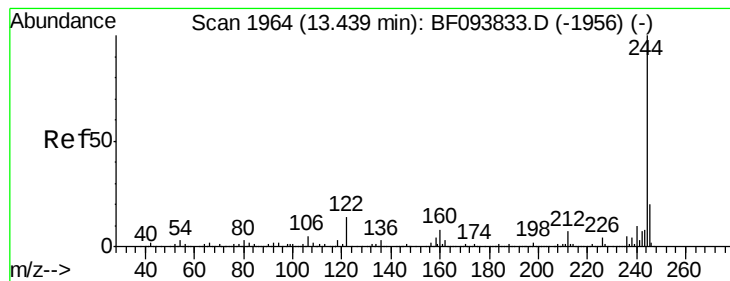
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.56 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BF094277.D
Acq: 7 Apr 2017 17:17

Tgt Ion:240 Resp: 378525
Ion Ratio Lower Upper
240 100
120 13.3 5.8 8.8#
236 25.2 20.5 30.7



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: 78.57 ng

RT: 13.29 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BF094277.D

Acq: 7 Apr 2017 17:17

Instrument :

BNA_F

ClientSampleId :

22A

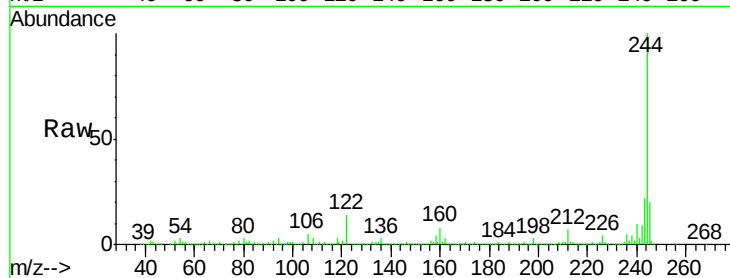
Tot Ion:244 Resp: 1326850

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

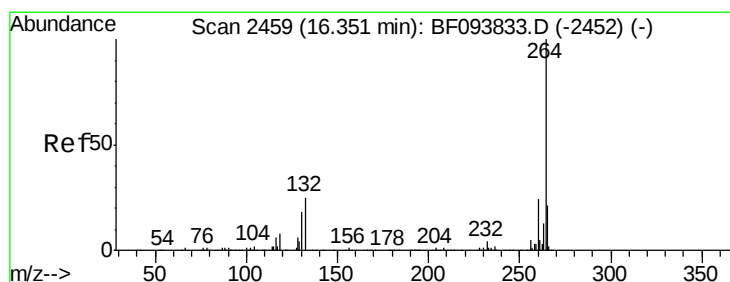
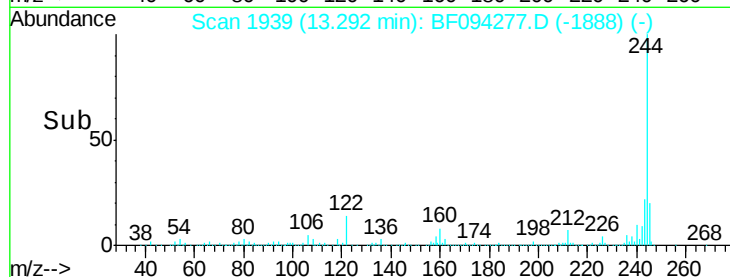
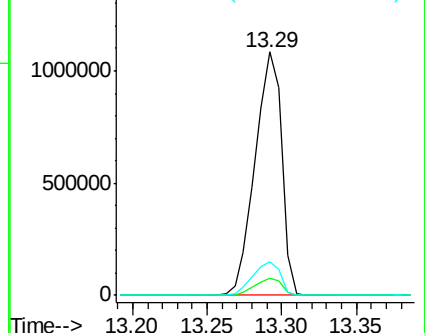
122 13.7 10.3 15.5



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: 16.19 min Scan# 2432

Delta R.T. -0.00 min

Lab File: BF094277.D

Acq: 7 Apr 2017 17:17

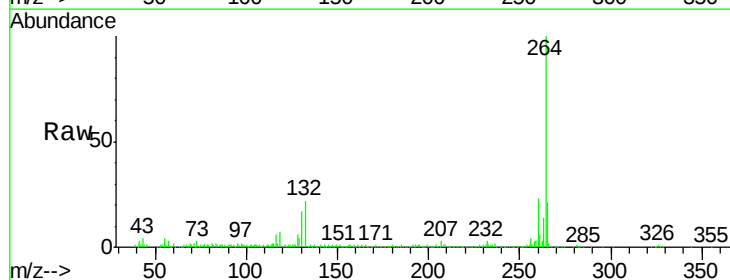
Tgt Ion:264 Resp: 272208

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 21.1 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

