

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041317\
 Data File : BF094409.D
 Acq On : 13 Apr 2017 23:51
 Operator : SJ/MA
 Sample : I2672-04 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z8-BASE

Quant Time: Apr 14 03:57:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 14 01:21:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.79	152	143495	20.00	ng	-0.04
21) Naphthalene-d8	7.29	136	558103	20.00	ng	-0.05
38) Acenaphthene-d10	9.42	164	232410	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	357135	20.00	ng	-0.05
75) Chrysene-d12	14.49	240	269594	20.00	ng	-0.06
86) Perylene-d12	16.12	264	209565	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	149555	17.60	ng	-0.04
7) Phenol-d6	5.41	99	189206	18.00	ng	-0.05
23) Nitrobenzene-d5	6.43	82	102689	10.50	ng	-0.06
41) 2,4,6-Tribromophenol	10.40	330	24854	13.53	ng	-0.05
44) 2-Fluorobiphenyl	8.60	172	207224	13.60	ng	-0.05
78) Terphenyl-d14	13.22	244	127789	10.62	ng	-0.06

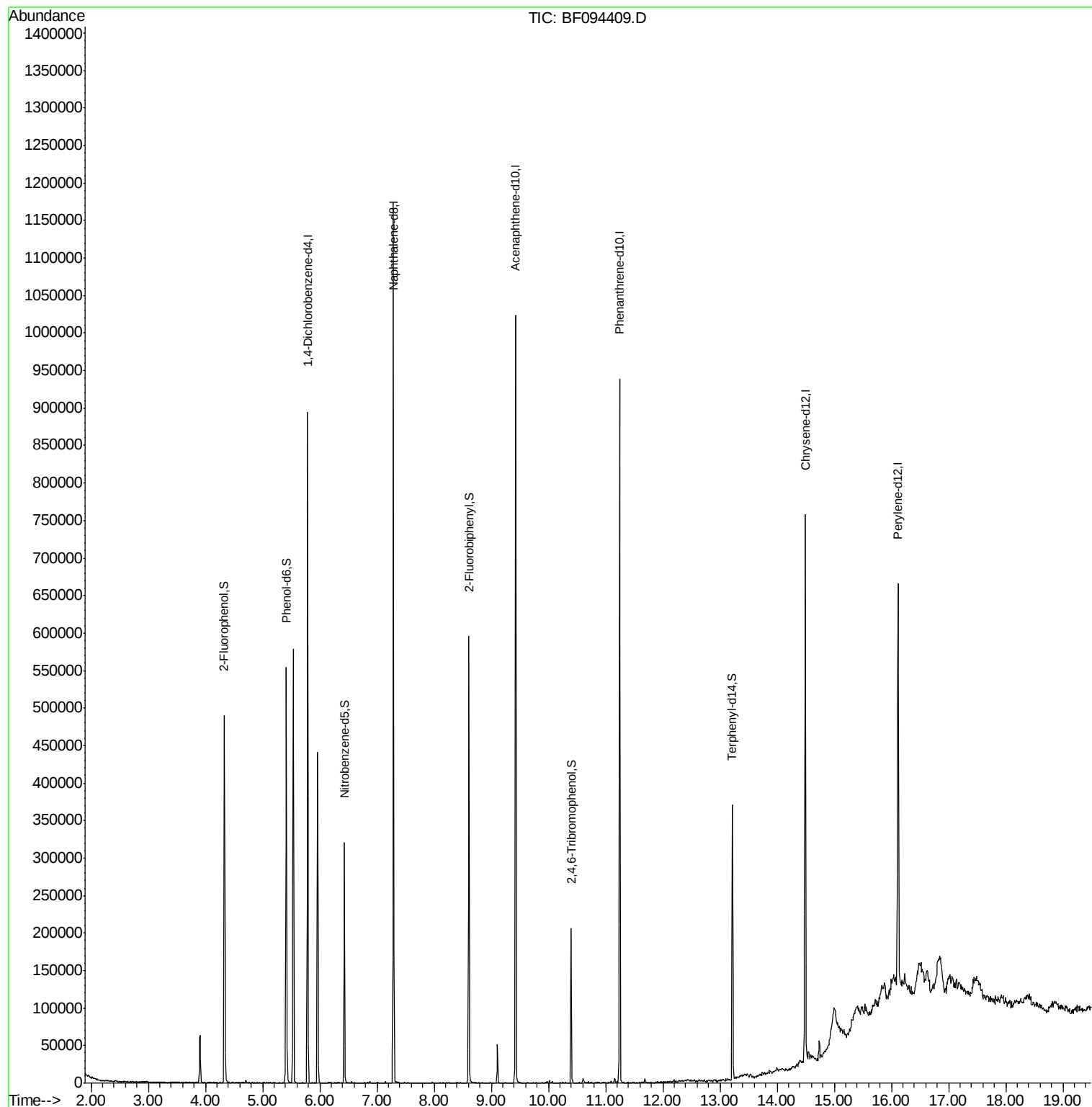
Target Compounds Qvalue

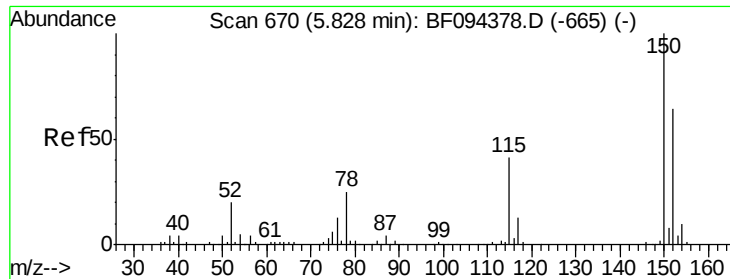
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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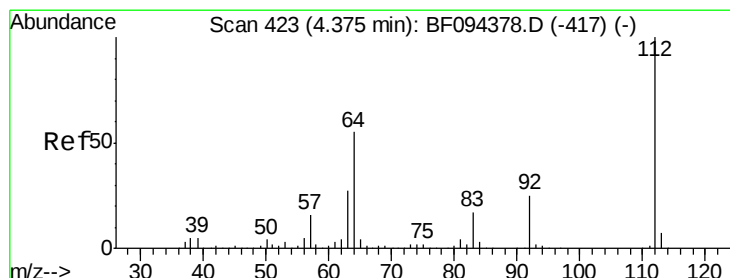
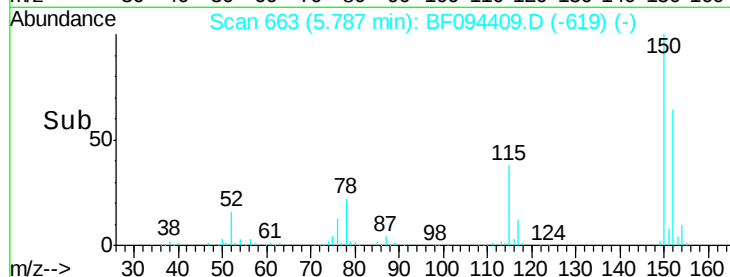
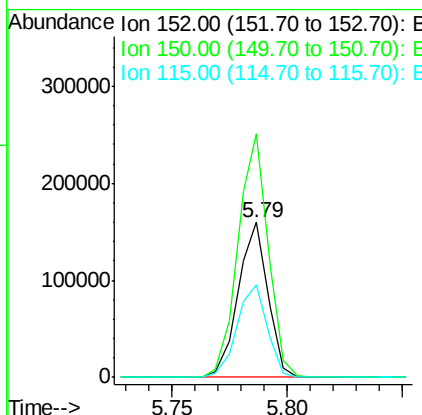
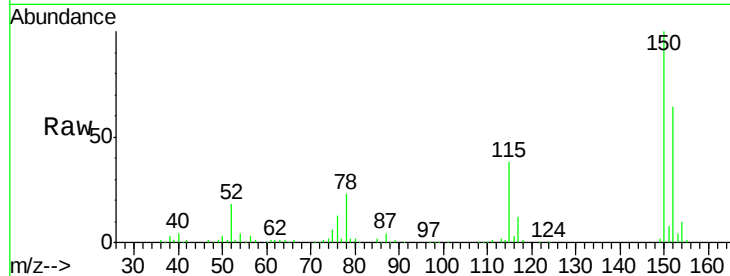


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.79 min Scan# 663
Delta R.T. -0.04 min
Lab File: BF094409.D
Acq: 13 Apr 2017 23:51

Instrument :
BNA_F
ClientSampleId :
E2-Z8-BASE

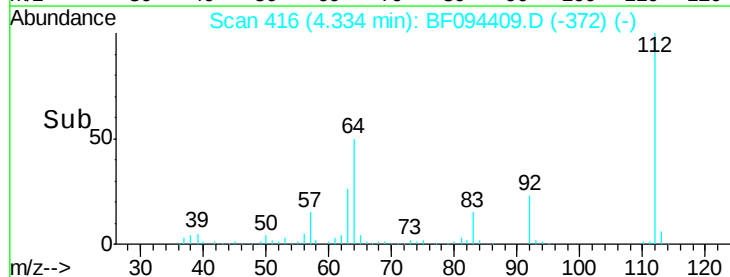
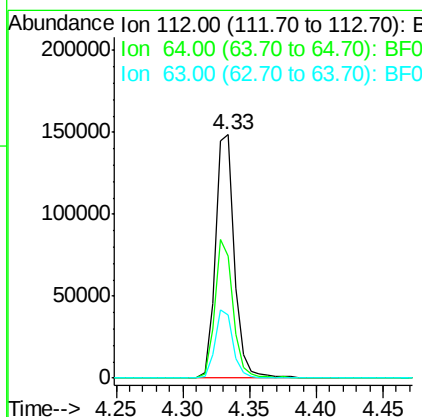
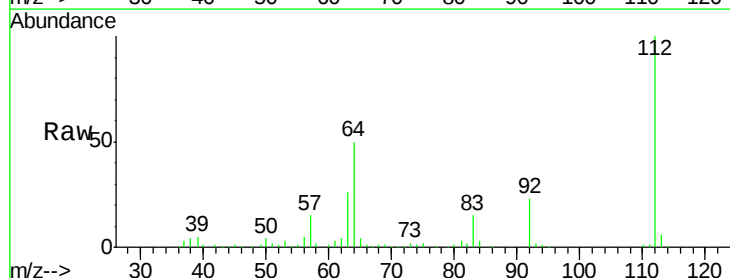
Tot Ion:152 Resp: 143495
Ion Ratio Lower Upper
152 100
150 156.9 126.2 189.2
115 59.8 52.2 78.2

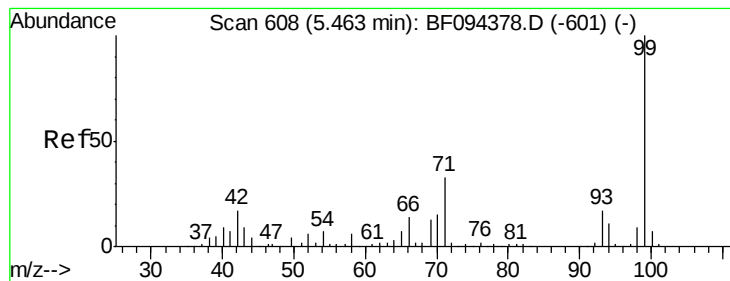


#5

2-Fluorophenol
Concen: 17.60 ng
RT: 4.33 min Scan# 416
Delta R.T. -0.04 min
Lab File: BF094409.D
Acq: 13 Apr 2017 23:51

Tgt Ion:112 Resp: 149555
Ion Ratio Lower Upper
112 100
64 50.0 46.0 69.0
63 25.7 23.4 35.0





#7

Phenol-d6

Concen: 18.00 ng

RT: 5.41 min Scan# 599

Delta R.T. -0.05 min

Lab File: BF094409.D

Acq: 13 Apr 2017 23:51

Instrument :

BNA_F

ClientSampleId :

E2-Z8-BASE

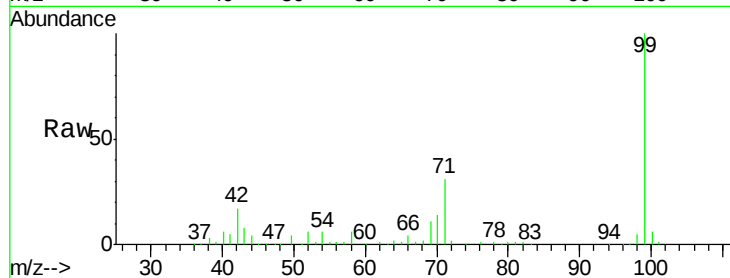
Tot Ion: 99 Resp: 189206

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

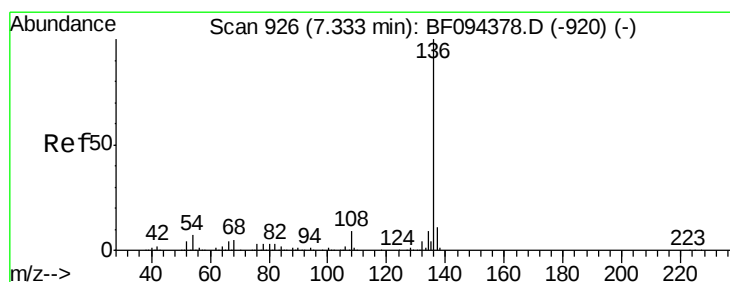
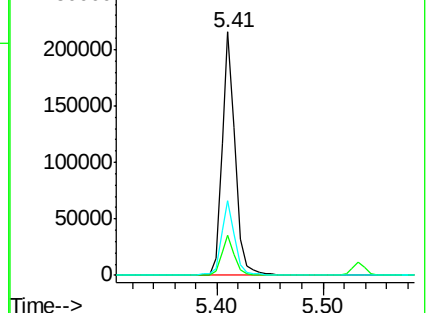
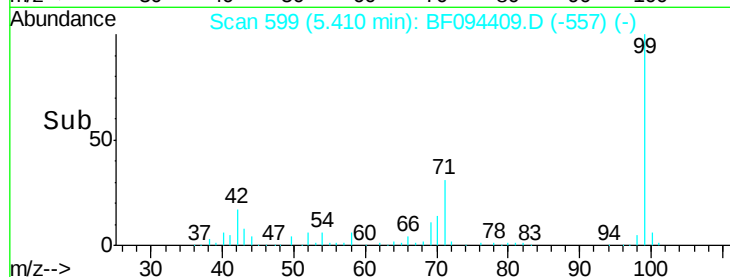
71 30.9 24.5 36.7



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: 7.29 min Scan# 918

Delta R.T. -0.05 min

Lab File: BF094409.D

Acq: 13 Apr 2017 23:51

Tgt Ion: 136 Resp: 558103

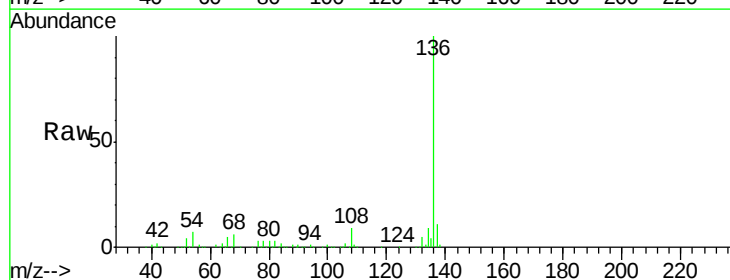
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.3 4.9 7.3

68 5.8 4.1 6.1

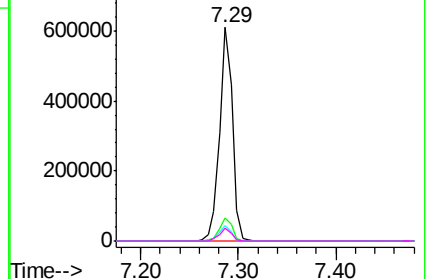
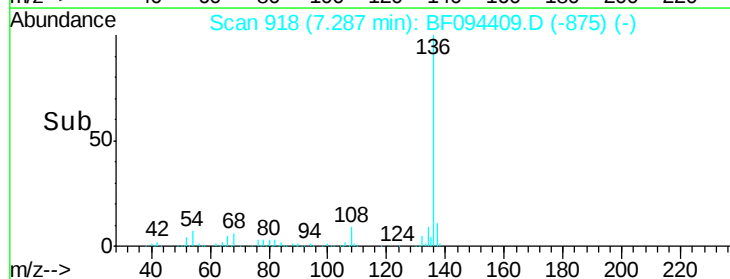


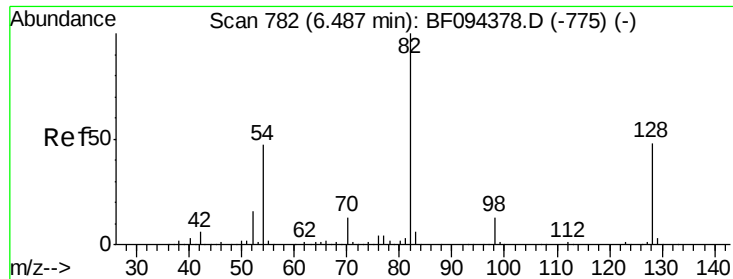
Abundance Ion 136.00 (135.70 to 136.70): E

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

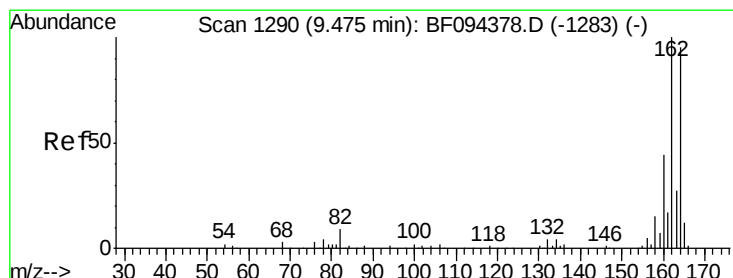
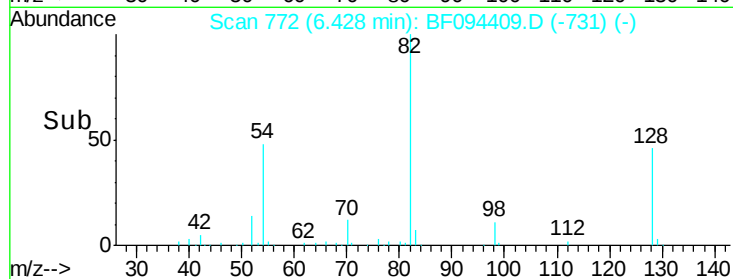
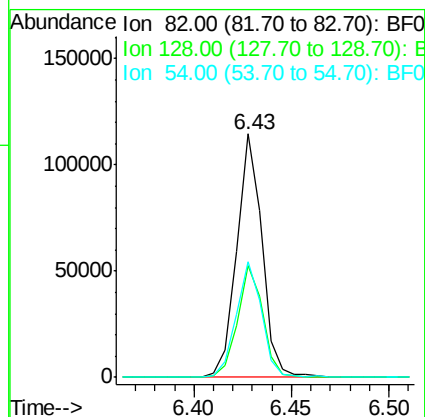
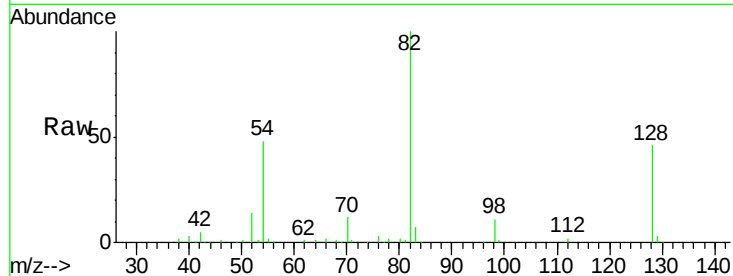




#23
 Nitrobenzene-d5
 Concen: 10.50 ng
 RT: 6.43 min Scan# 772
 Delta R.T. -0.06 min
 Lab File: BF094409.D
 Acq: 13 Apr 2017 23:51

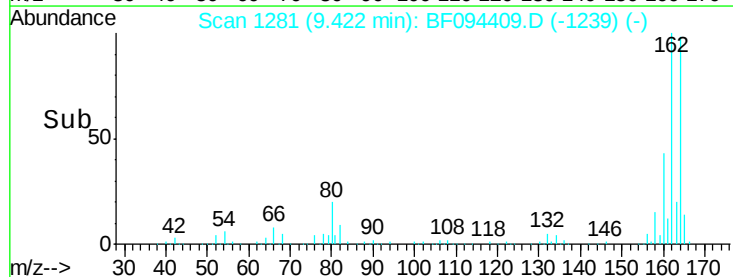
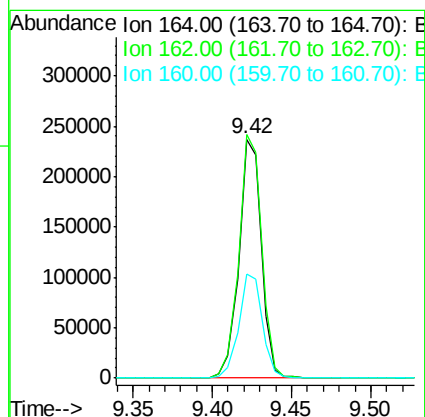
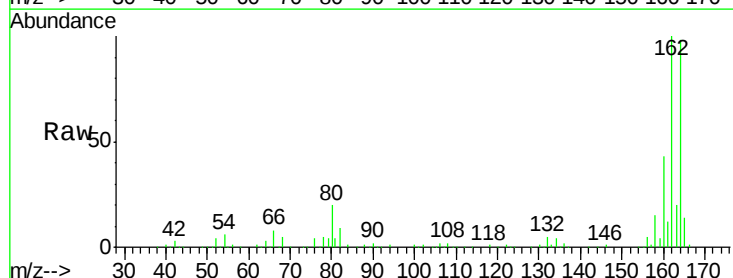
Instrument :
 BNA_F
 ClientSampled :
 E2-Z8-BASE

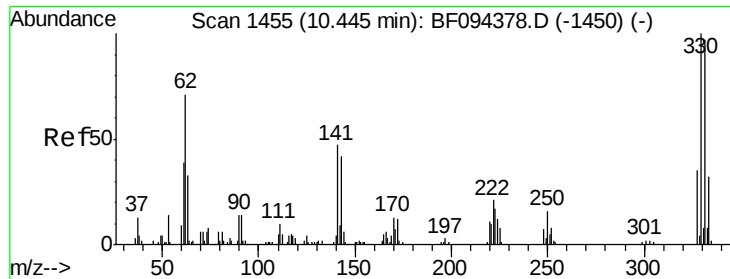
Tot Ion: 82 Resp: 102689
 Ion Ratio Lower Upper
 82 100
 128 46.0 34.0 51.0
 54 47.6 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.42 min Scan# 1281
 Delta R.T. -0.05 min
 Lab File: BF094409.D
 Acq: 13 Apr 2017 23:51

Tgt Ion:164 Resp: 232410
 Ion Ratio Lower Upper
 164 100
 162 101.9 82.6 123.8
 160 43.6 36.2 54.2

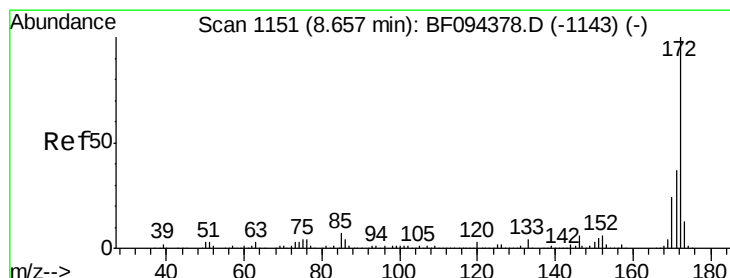
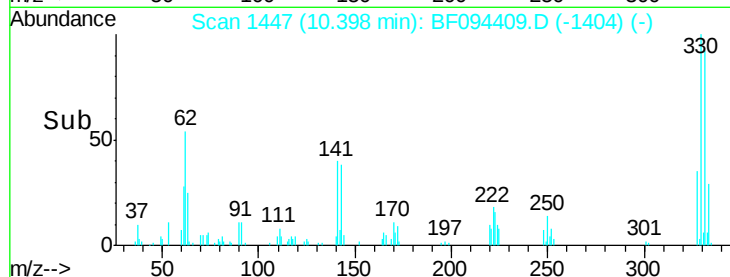
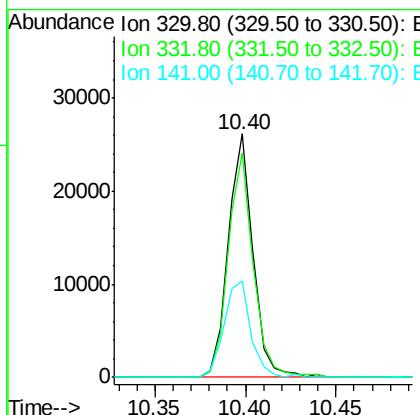
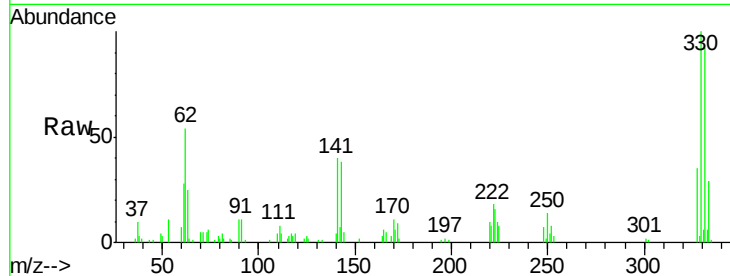




#41
 2,4,6-Tribromophenol
 Concen: 13.53 ng
 RT: 10.40 min Scan# 1447
 Delta R.T. -0.05 min
 Lab File: BF094409.D
 Acq: 13 Apr 2017 23:51

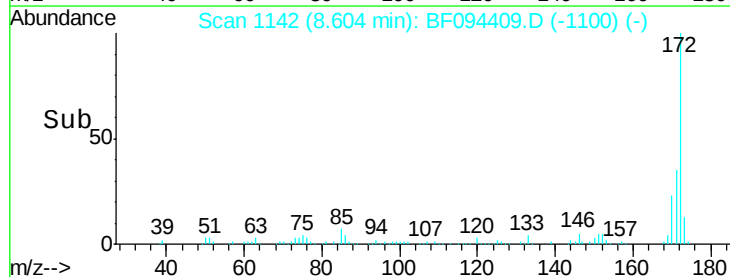
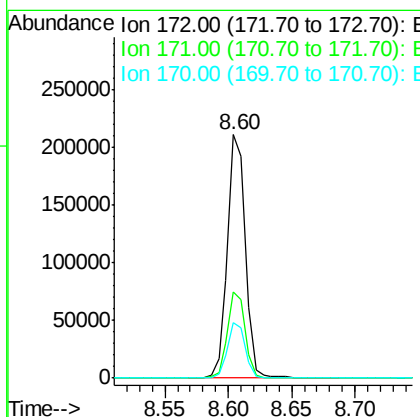
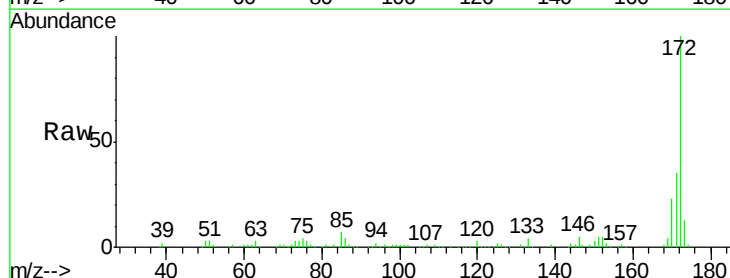
Instrument :
 BNA_F
 ClientSampleId :
 E2-Z8-BASE

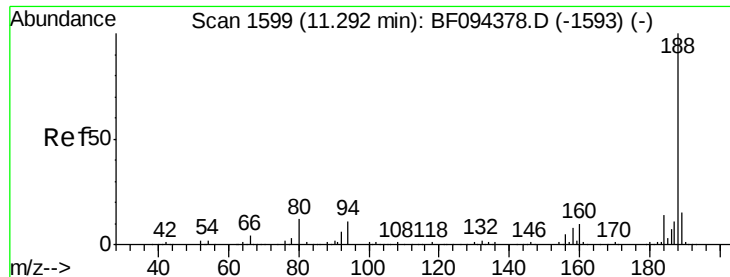
Tot Ion:330 Resp: 24854
 Ion Ratio Lower Upper
 330 100
 332 94.1 76.6 115.0
 141 42.5 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 13.60 ng
 RT: 8.60 min Scan# 1142
 Delta R.T. -0.05 min
 Lab File: BF094409.D
 Acq: 13 Apr 2017 23:51

Tgt Ion:172 Resp: 207224
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.6 44.4
 170 23.0 19.8 29.8

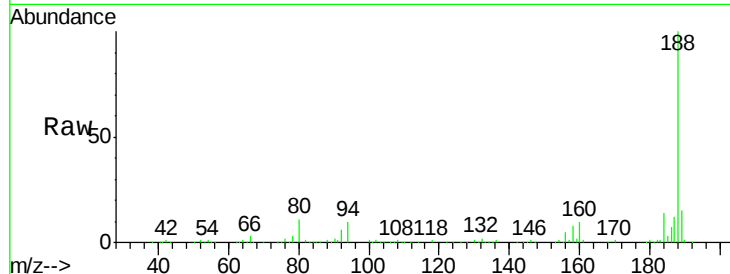




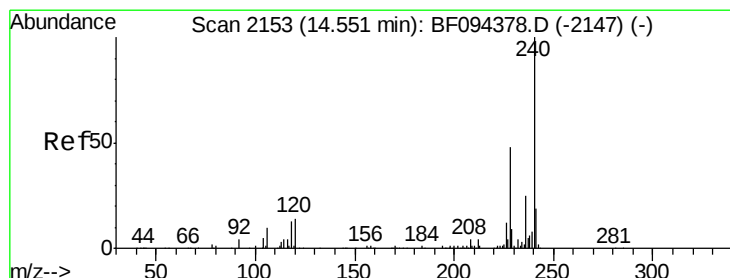
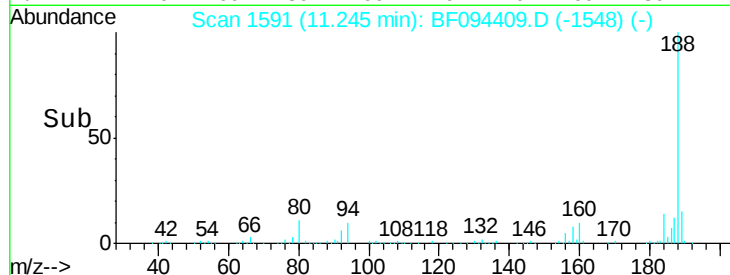
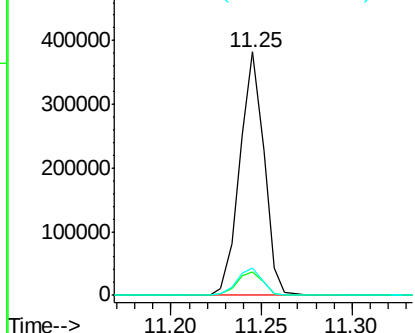
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 1591
Delta R.T. -0.05 min
Lab File: BF094409.D
Acq: 13 Apr 2017 23:51

Instrument :
BNA_F
ClientSampleId :
E2-Z8-BASE

Tot Ion:188 Resp: 357135
Ion Ratio Lower Upper
188 100
94 9.8 9.4 14.2
80 11.4 10.2 15.2

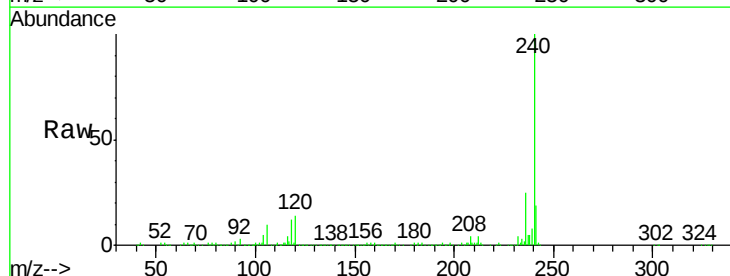


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

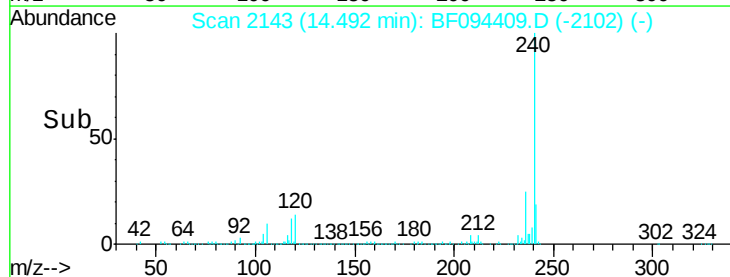
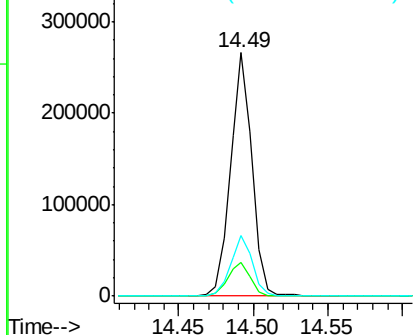


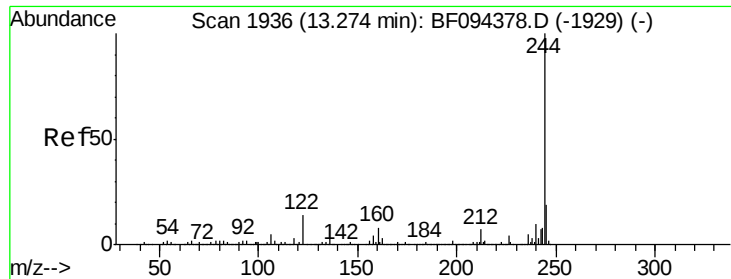
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.49 min Scan# 2143
Delta R.T. -0.06 min
Lab File: BF094409.D
Acq: 13 Apr 2017 23:51

Tgt Ion:240 Resp: 269594
Ion Ratio Lower Upper
240 100
120 13.6 5.8 8.8#
236 25.1 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: 10.62 ng

RT: 13.22 min Scan# 1926

Delta R.T. -0.06 min

Lab File: BF094409.D

Acq: 13 Apr 2017 23:51

Instrument :

BNA_F

ClientSampleId :

E2-Z8-BASE

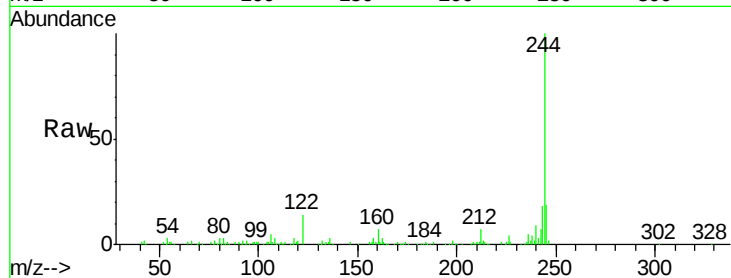
Tot Ion:244 Resp: 127789

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

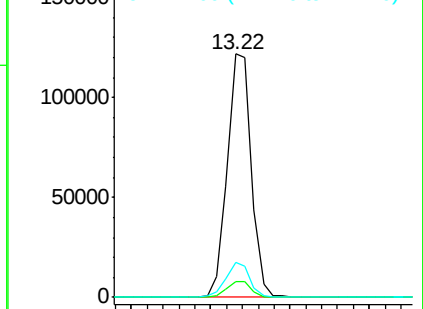
122 14.3 10.3 15.5



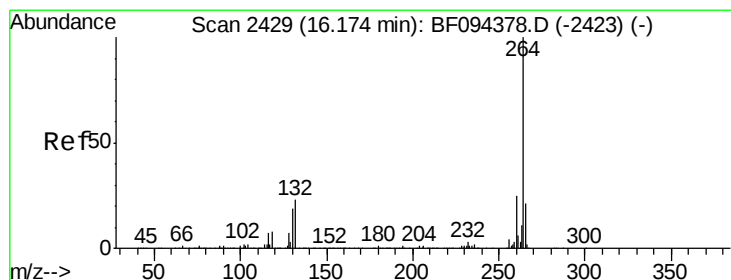
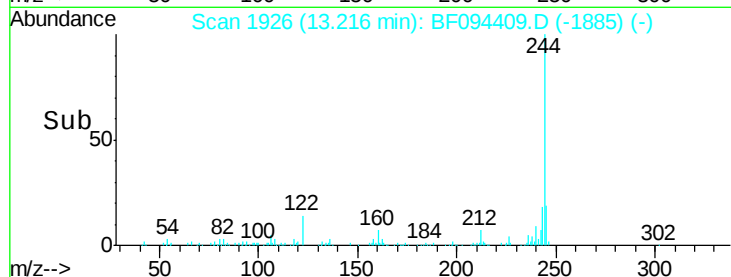
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 13.15 13.20 13.25 13.30



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.12 min Scan# 2419

Delta R.T. -0.06 min

Lab File: BF094409.D

Acq: 13 Apr 2017 23:51

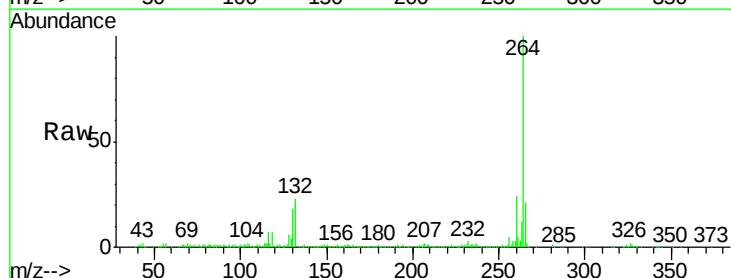
Tgt Ion:264 Resp: 209565

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

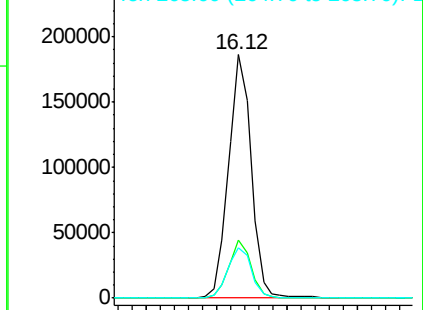
265 20.8 17.2 25.8



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



Time--> 16.05 16.10 16.15 16.20

