

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041317\
 Data File : BF094391.D
 Acq On : 13 Apr 2017 15:19
 Operator : SJ/MA
 Sample : PB98215BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98215BL

Quant Time: Apr 14 01:50:34 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	149997	20.00	ng	-0.04
21) Naphthalene-d8	7.29	136	605485	20.00	ng	-0.05
38) Acenaphthene-d10	9.42	164	289167	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	530321	20.00	ng	-0.05
75) Chrysene-d12	14.49	240	454380	20.00	ng	-0.06
86) Perylene-d12	16.12	264	366756	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.35	112	1075793	121.14	ng	-0.03
7) Phenol-d6	5.42	99	1351178	122.99	ng	-0.04
23) Nitrobenzene-d5	6.44	82	848072	79.93	ng	-0.05
41) 2,4,6-Tribromophenol	10.40	330	294457	128.86	ng	-0.04
44) 2-Fluorobiphenyl	8.61	172	1625019	85.71	ng	-0.05
78) Terphenyl-d14	13.23	244	1456976	71.87	ng	-0.05

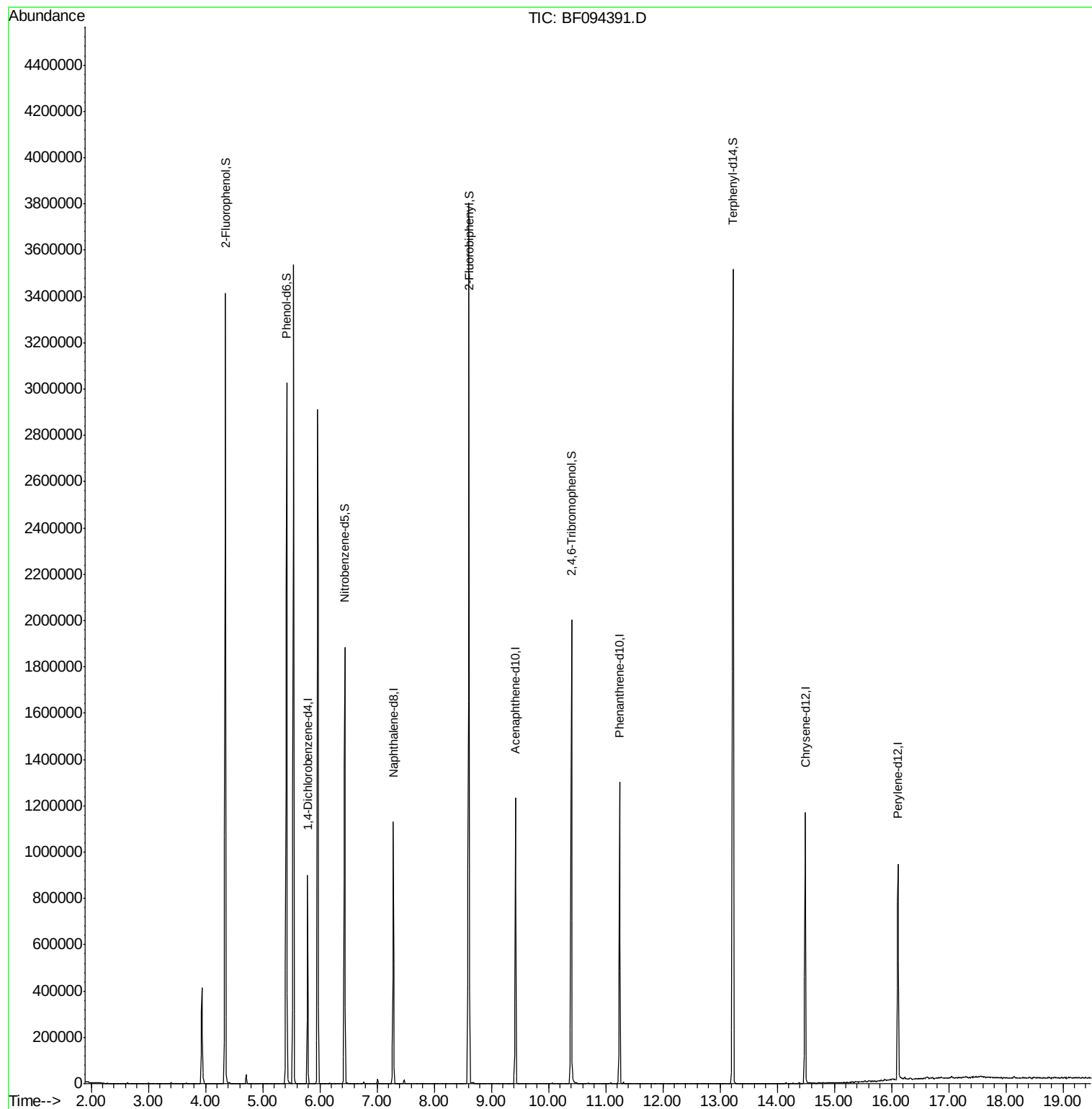
Target Compounds Qvalue

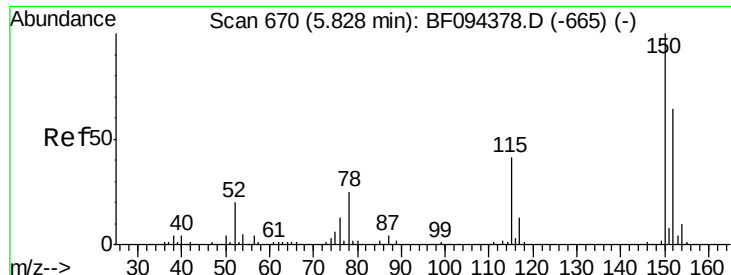
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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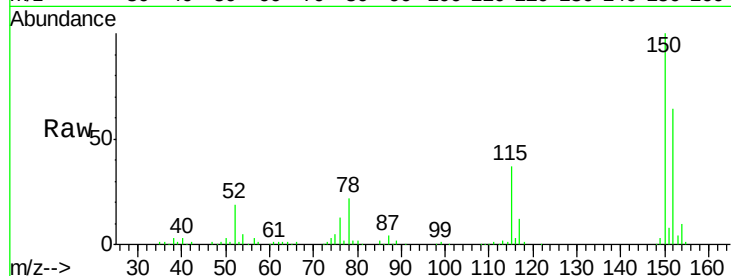


#1

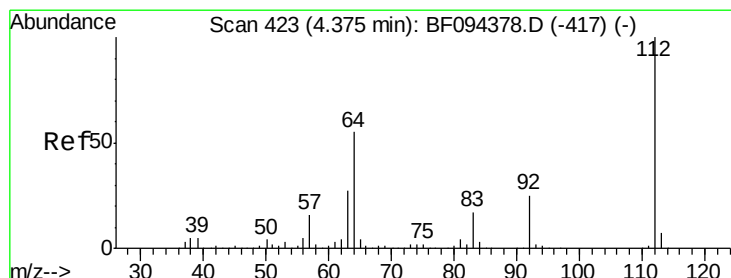
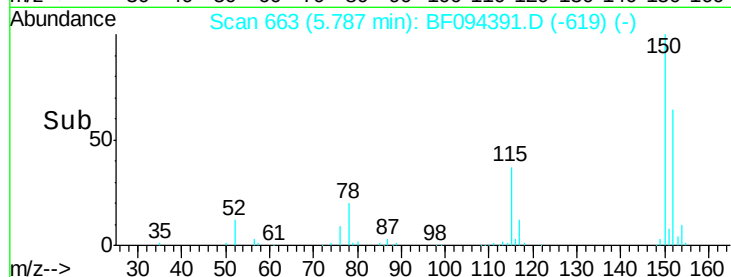
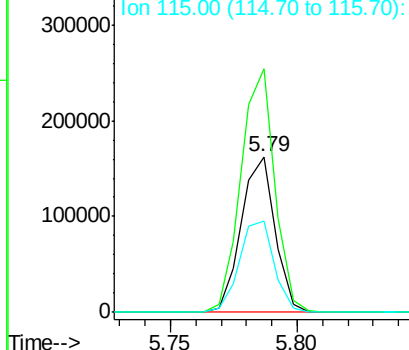
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.79 min Scan# 663
Delta R.T. -0.04 min
Lab File: BF094391.D
Acq: 13 Apr 2017 15:19

Instrument :
BNA_F
ClientSampleId :
PB98215BL

Tot Ion:152 Resp: 149997
Ion Ratio Lower Upper
152 100
150 156.4 126.2 189.2
115 58.5 52.2 78.2



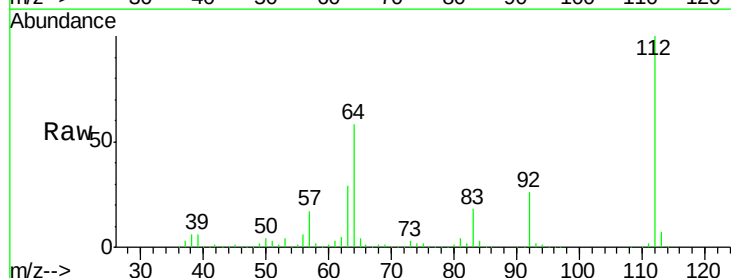
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



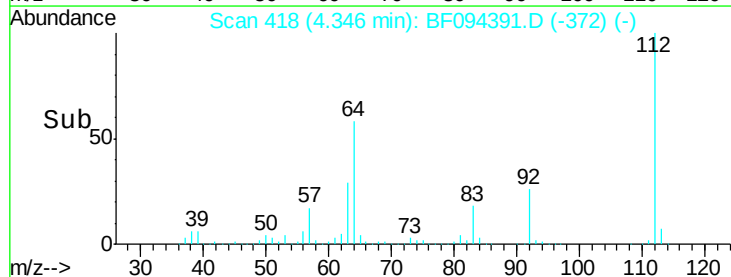
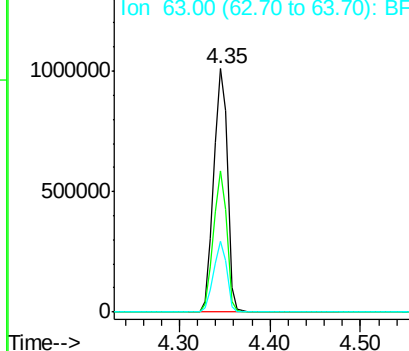
#5

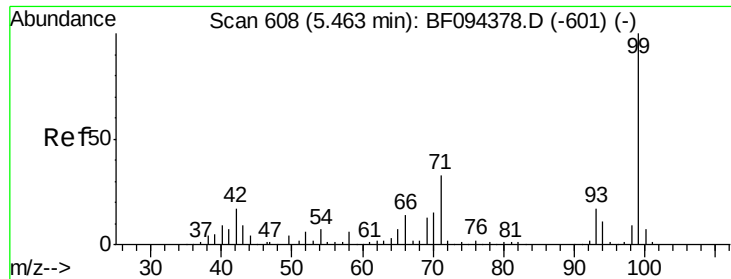
2-Fluorophenol
Concen: 121.14 ng
RT: 4.35 min Scan# 418
Delta R.T. -0.03 min
Lab File: BF094391.D
Acq: 13 Apr 2017 15:19

Tgt Ion:112 Resp: 1075793
Ion Ratio Lower Upper
112 100
64 58.1 46.0 69.0
63 29.2 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: 122.99 ng

RT: 5.42 min Scan# 601

Delta R.T. -0.04 min

Lab File: BF094391.D

Acq: 13 Apr 2017 15:19

Instrument :

BNA_F

ClientSampled :

PB98215BL

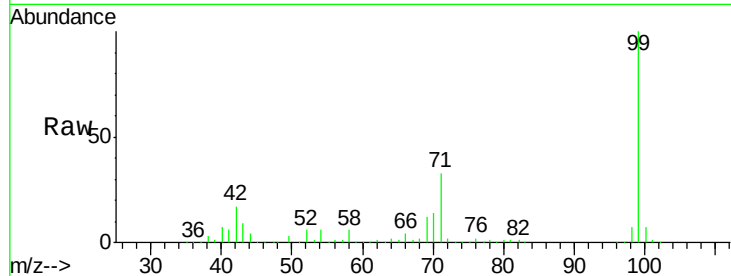
Tot Ion: 99 Resp: 1351178

Ion Ratio Lower Upper

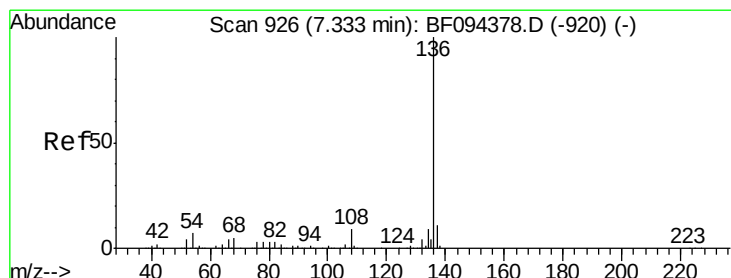
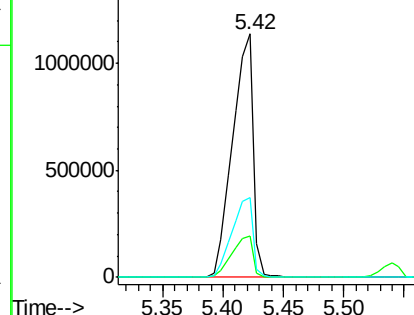
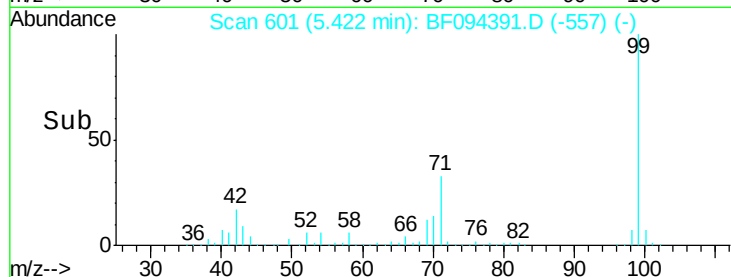
99 100

42 16.8 13.5 20.3

71 32.6 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.29 min Scan# 918

Delta R.T. -0.05 min

Lab File: BF094391.D

Acq: 13 Apr 2017 15:19

Tgt Ion: 136 Resp: 605485

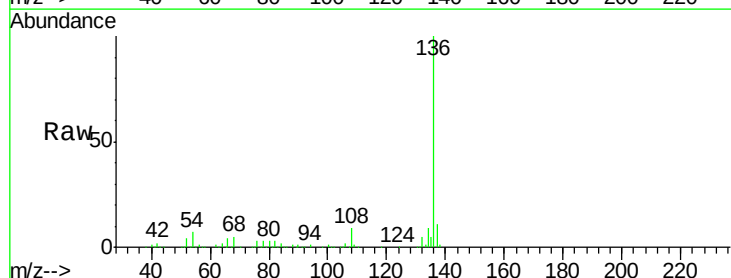
Ion Ratio Lower Upper

136 100

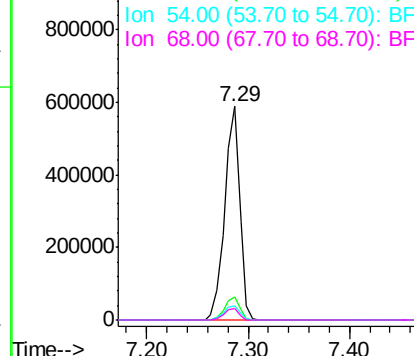
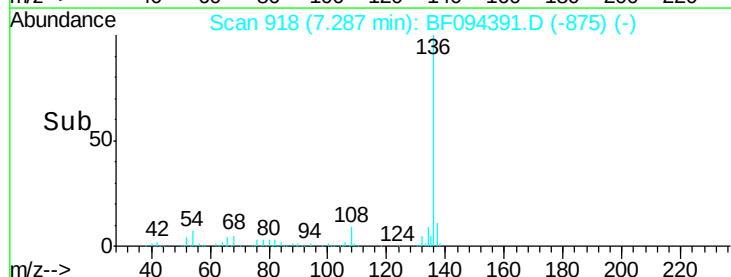
137 10.7 8.5 12.7

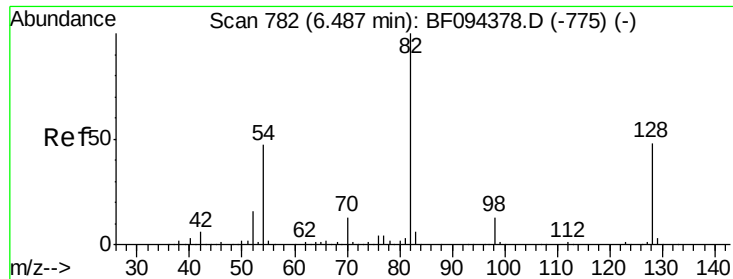
54 6.7 4.9 7.3

68 5.4 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

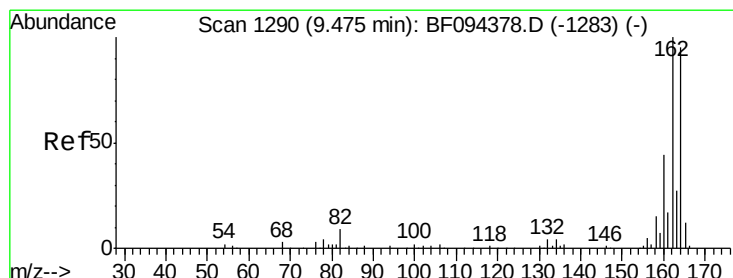
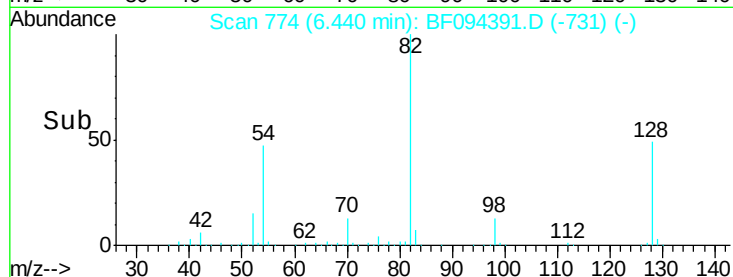
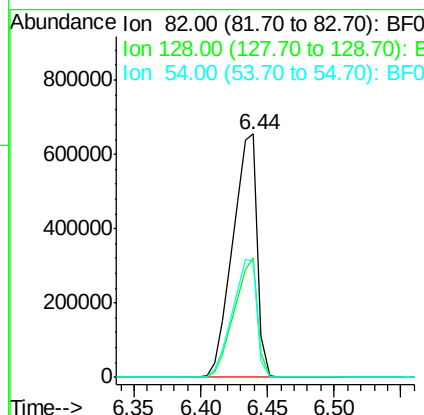
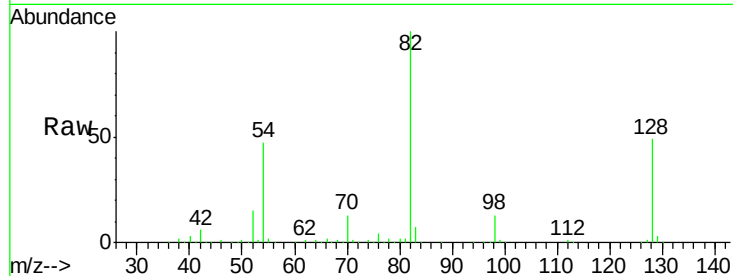




#23
 Nitrobenzene-d5
 Concen: 79.93 ng
 RT: 6.44 min Scan# 774
 Delta R.T. -0.05 min
 Lab File: BF094391.D
 Acq: 13 Apr 2017 15:19

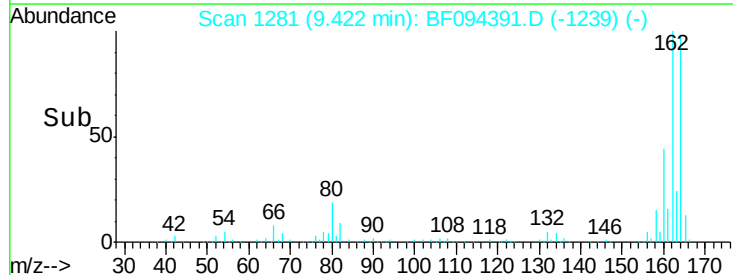
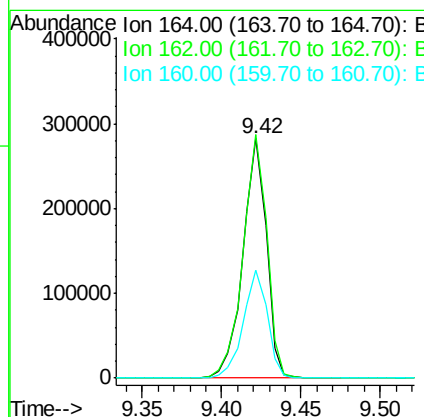
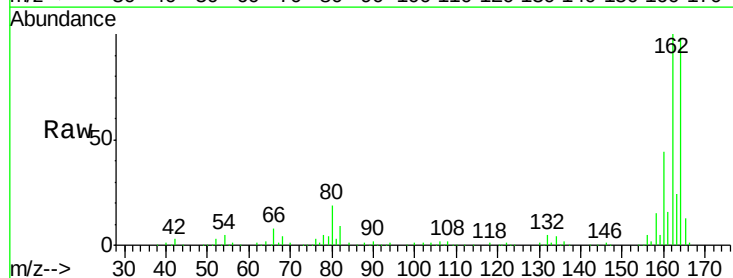
Instrument :
 BNA_F
 ClientSampled :
 PB98215BL

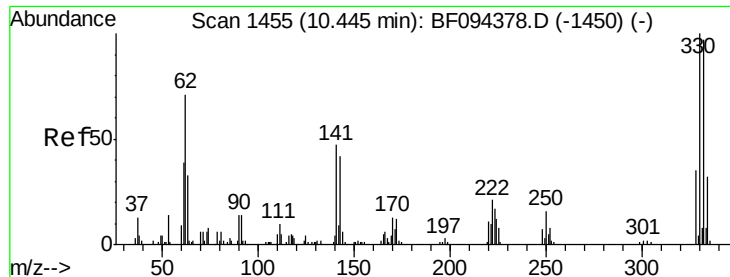
Tot Ion: 82 Resp: 848072
 Ion Ratio Lower Upper
 82 100
 128 49.1 34.0 51.0
 54 47.4 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.42 min Scan# 1281
 Delta R.T. -0.05 min
 Lab File: BF094391.D
 Acq: 13 Apr 2017 15:19

Tgt Ion:164 Resp: 289167
 Ion Ratio Lower Upper
 164 100
 162 101.6 82.6 123.8
 160 45.2 36.2 54.2

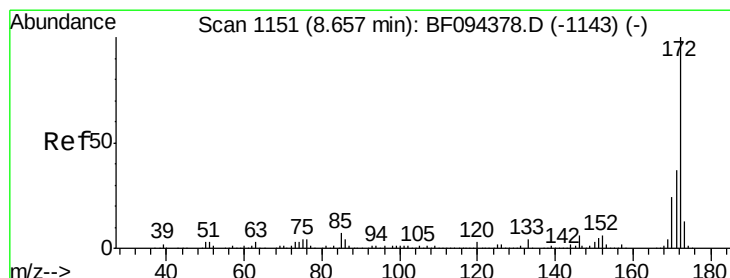
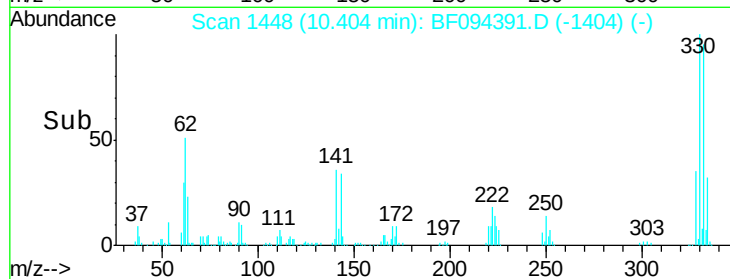
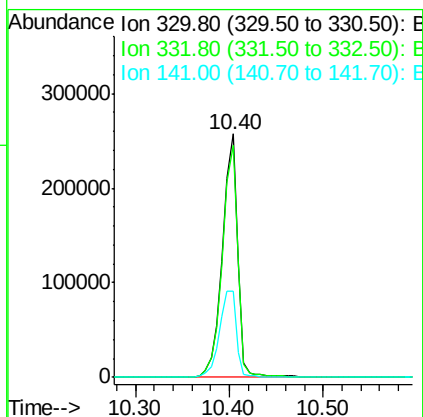
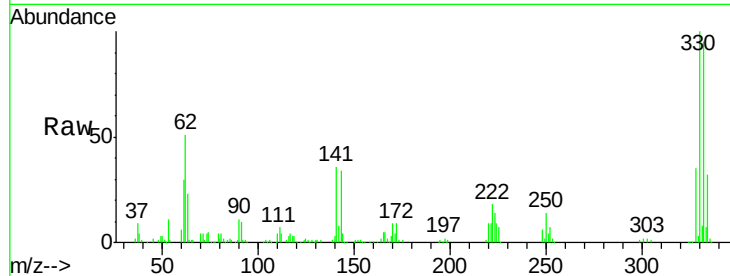




#41
 2,4,6-Tribromophenol
 Concen: 128.86 ng
 RT: 10.40 min Scan# 1448
 Delta R.T. -0.04 min
 Lab File: BF094391.D
 Acq: 13 Apr 2017 15:19

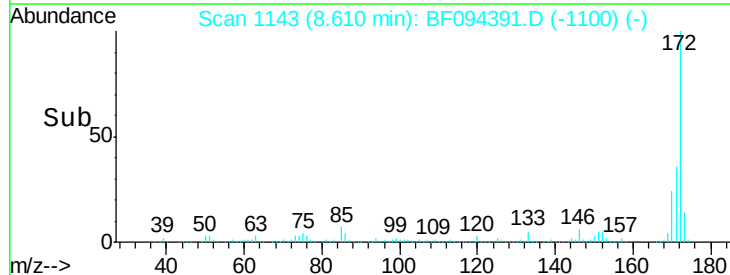
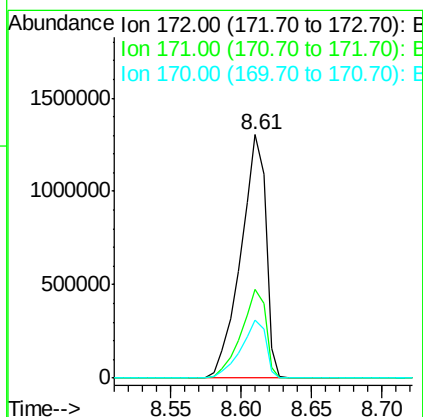
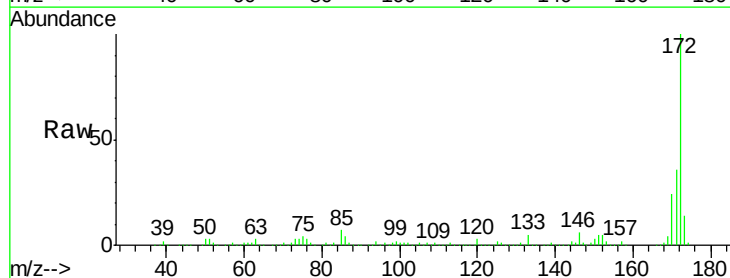
Instrument :
 BNA_F
 ClientSampleId :
 PB98215BL

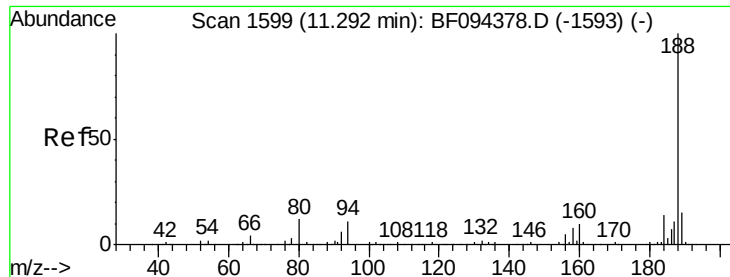
Tot Ion:330 Resp: 294457
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 115.0
 141 39.9 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 85.71 ng
 RT: 8.61 min Scan# 1143
 Delta R.T. -0.05 min
 Lab File: BF094391.D
 Acq: 13 Apr 2017 15:19

Tgt Ion:172 Resp: 1625019
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 23.9 19.8 29.8

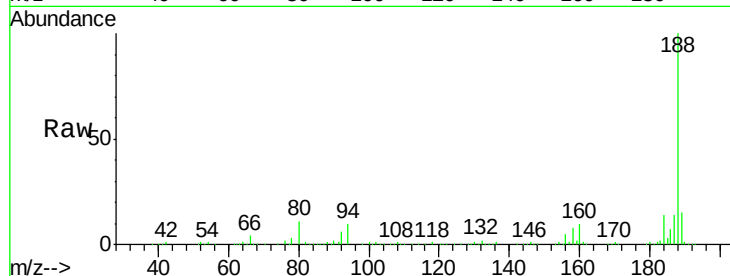




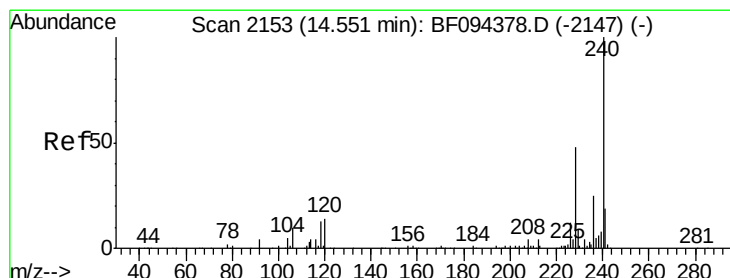
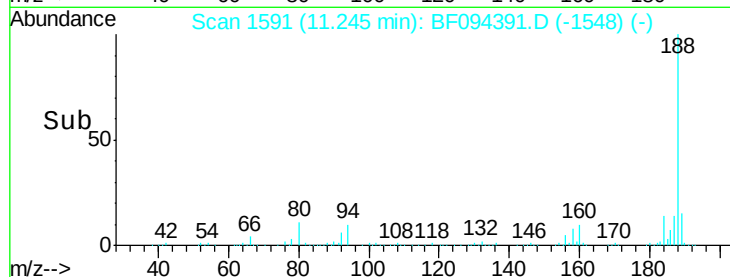
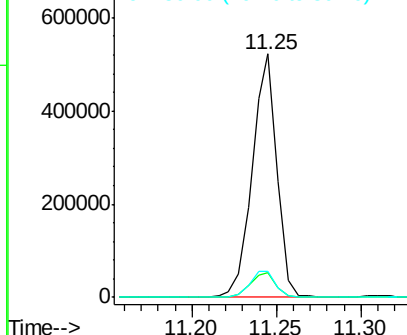
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 1591
Delta R.T. -0.05 min
Lab File: BF094391.D
Acq: 13 Apr 2017 15:19

Instrument :
BNA_F
ClientSampleId :
PB98215BL

Tot Ion:188 Resp: 530321
Ion Ratio Lower Upper
188 100
94 10.0 9.4 14.2
80 10.7 10.2 15.2

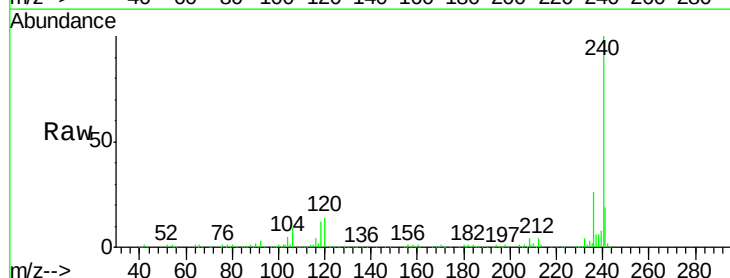


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

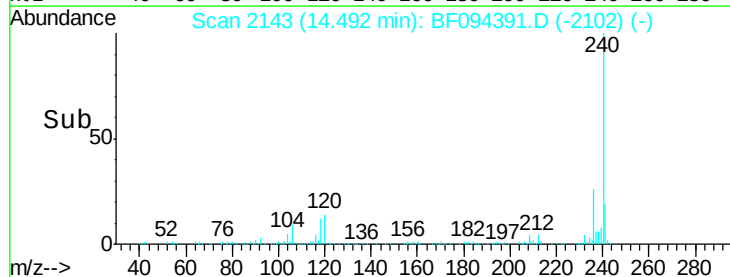
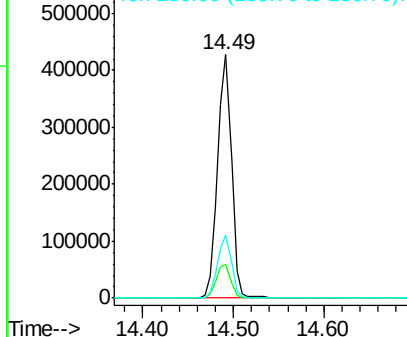


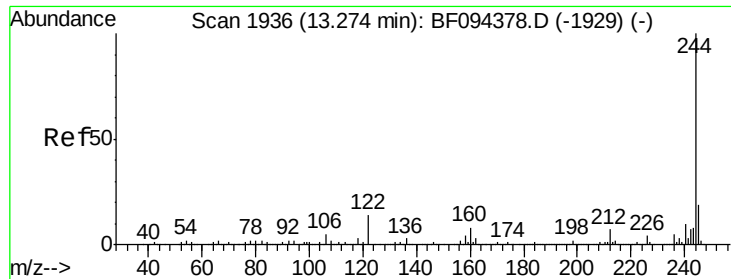
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.49 min Scan# 2143
Delta R.T. -0.06 min
Lab File: BF094391.D
Acq: 13 Apr 2017 15:19

Tgt Ion:240 Resp: 454380
Ion Ratio Lower Upper
240 100
120 14.0 5.8 8.8#
236 25.9 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

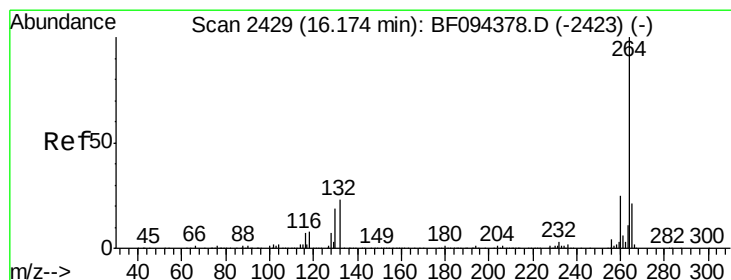
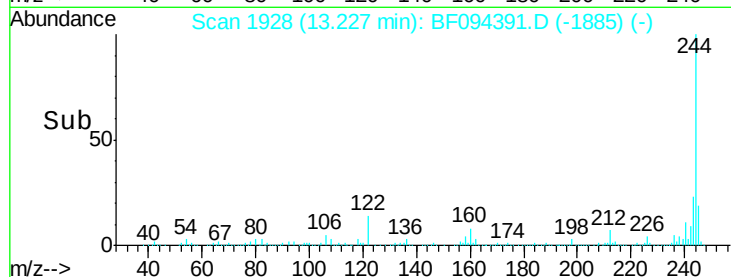
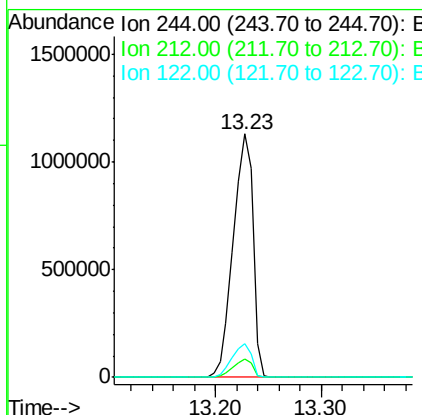
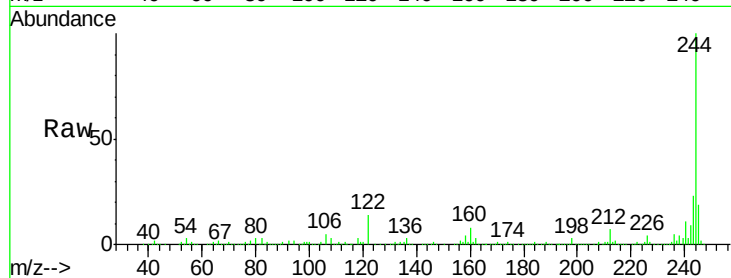




#78
 Terphenyl-d14
 Concen: 71.87 ng
 RT: 13.23 min Scan# 1928
 Delta R.T. -0.05 min
 Lab File: BF094391.D
 Acq: 13 Apr 2017 15:19

Instrument :
 BNA_F
 ClientSampleID :
 PB98215BL

Tot Ion:244 Resp: 1456976
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 13.9 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.12 min Scan# 2419
 Delta R.T. -0.06 min
 Lab File: BF094391.D
 Acq: 13 Apr 2017 15:19

Tgt Ion:264 Resp: 366756
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.5 29.3
 265 20.7 17.2 25.8

