

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041317\
 Data File : BF094415.D
 Acq On : 14 Apr 2017 3:36
 Operator : SJ/MA
 Sample : I2672-07 50X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-AA10-SSW-2

Quant Time: Apr 14 04:38:28 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	146448	20.00	ng	-0.04
21) Naphthalene-d8	7.29	136	564084	20.00	ng	-0.05
38) Acenaphthene-d10	9.42	164	232950	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	357059	20.00	ng	-0.05
75) Chrysene-d12	14.49	240	274098	20.00	ng	-0.06
86) Perylene-d12	16.12	264	216830	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	17108	1.97	ng	-0.04
7) Phenol-d6	5.41	99	22076	2.06	ng	-0.05
23) Nitrobenzene-d5	6.43	82	11845	1.20	ng	-0.06
41) 2,4,6-Tribromophenol	10.40	330	2137	1.16	ng	-0.05
44) 2-Fluorobiphenyl	8.60	172	25321	1.66	ng	-0.05
78) Terphenyl-d14	13.22	244	15204	1.24	ng	-0.06

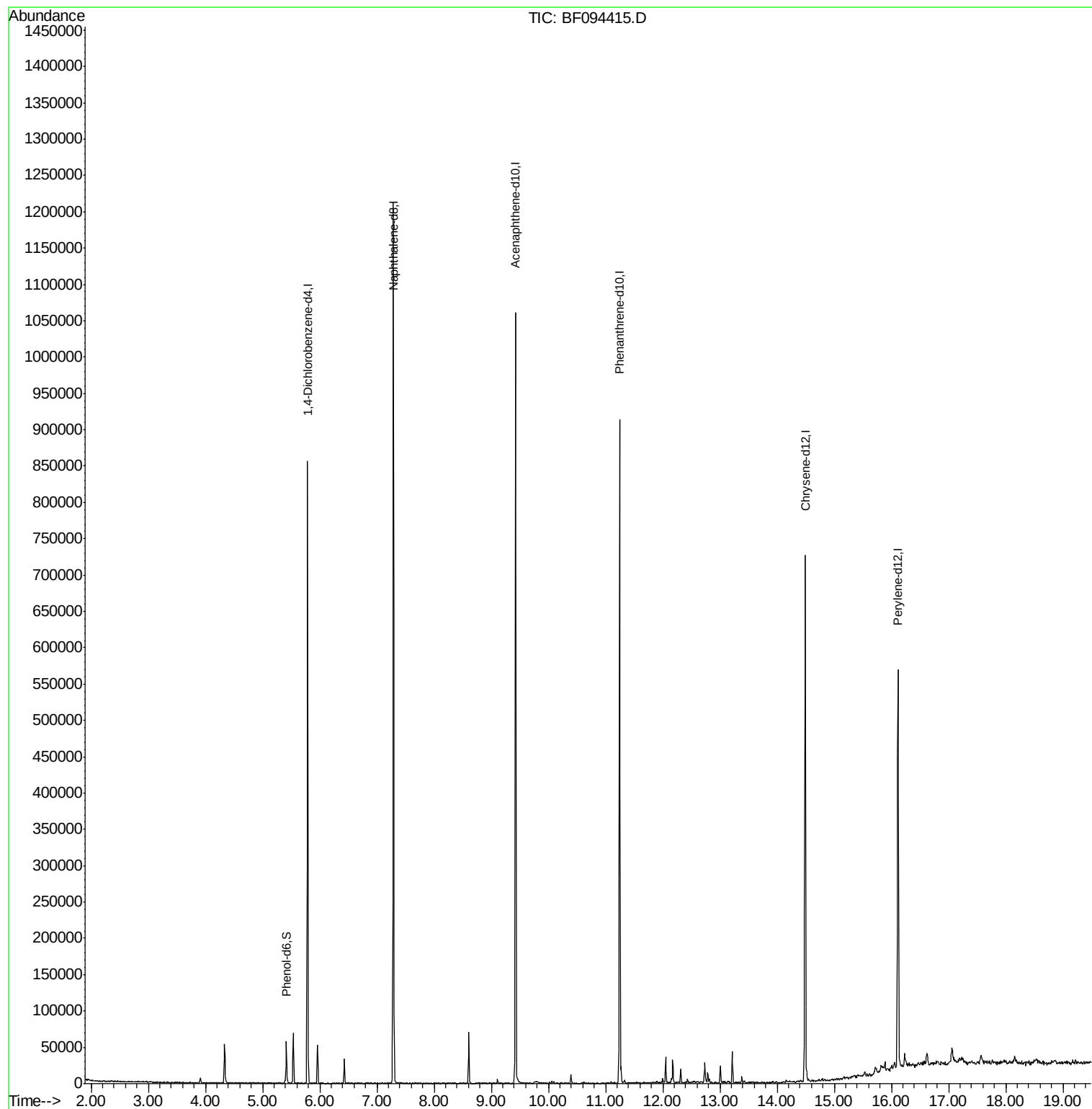
Target Compounds Qvalue

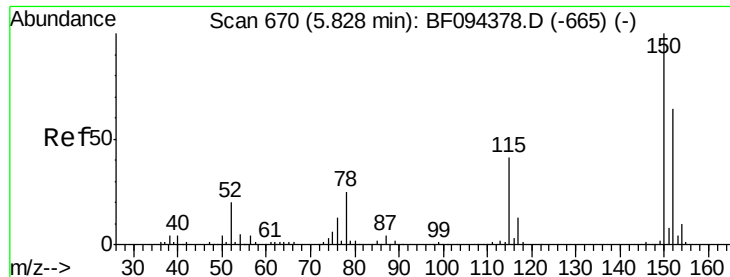
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF094415.D

Acq: 14 Apr 2017 3:36

Instrument :

BNA_F

ClientSampleId :

E2-AA10-SSW-2

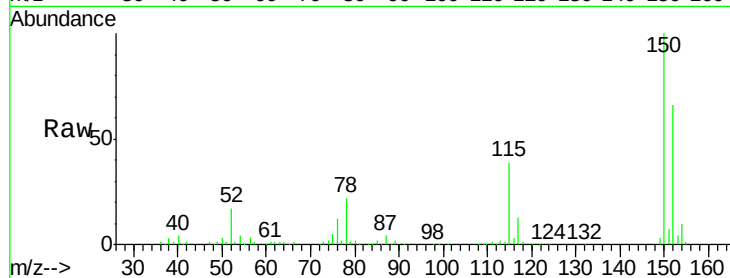
Tot Ion:152 Resp: 146448

Ion Ratio Lower Upper

152 100

150 152.5 126.2 189.2

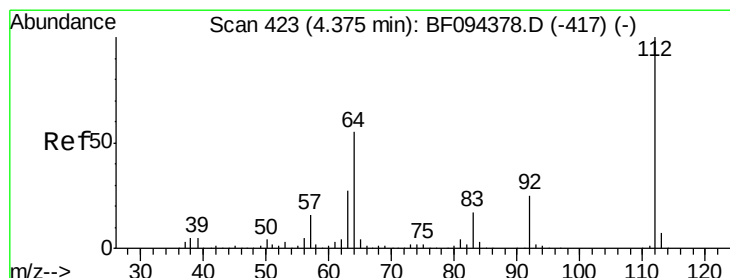
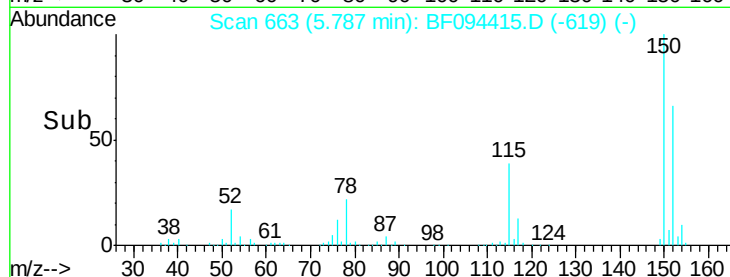
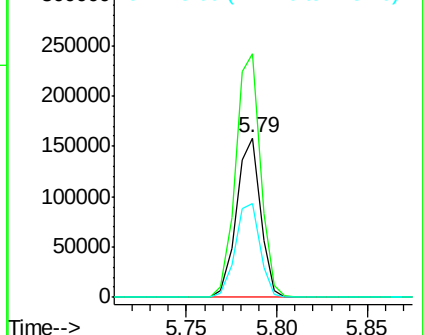
115 59.0 52.2 78.2



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: 1.97 ng

RT: 4.33 min Scan# 416

Delta R.T. -0.04 min

Lab File: BF094415.D

Acq: 14 Apr 2017 3:36

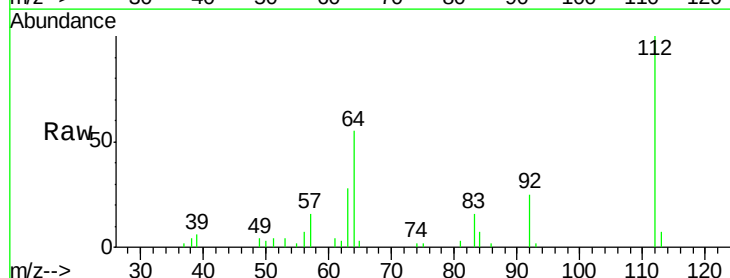
Tgt Ion:112 Resp: 17108

Ion Ratio Lower Upper

112 100

64 54.9 46.0 69.0

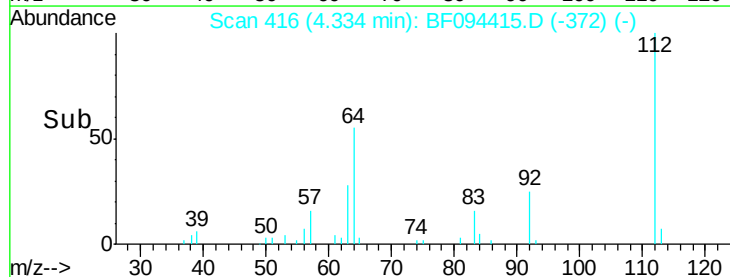
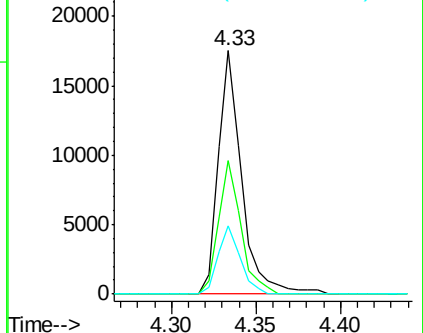
63 28.0 23.4 35.0

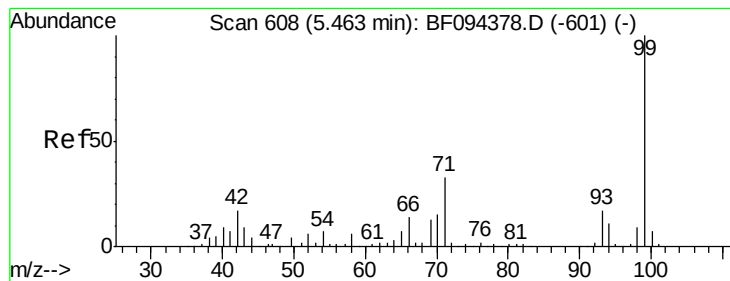


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 2.06 ng

RT: 5.41 min Scan# 599

Delta R.T. -0.05 min

Lab File: BF094415.D

Acq: 14 Apr 2017 3:36

Instrument :

BNA_F

ClientSampleId :

E2-AA10-SSW-2

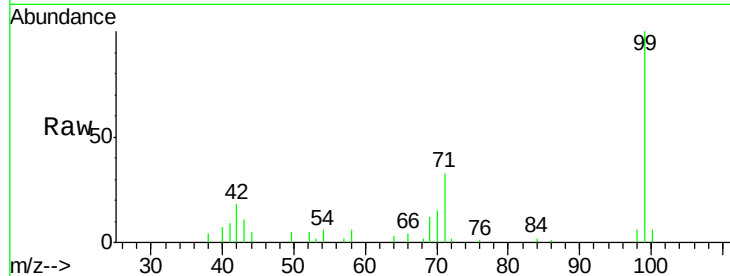
Tot Ion: 99 Resp: 22076

Ion Ratio Lower Upper

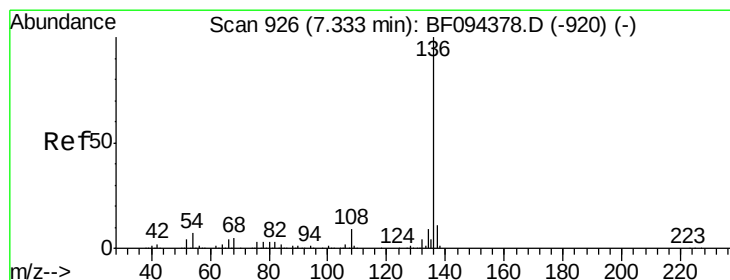
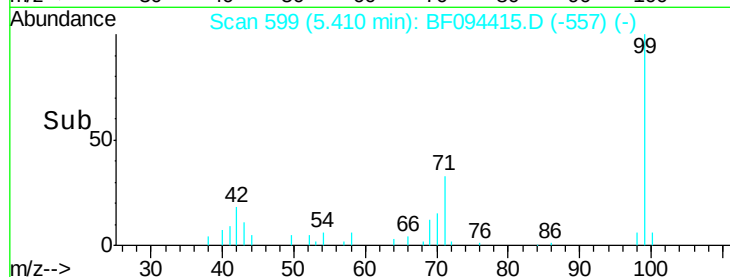
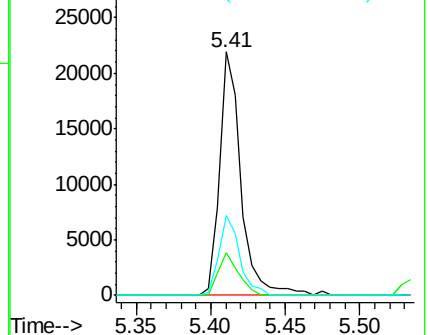
99 100

42 17.7 13.5 20.3

71 32.8 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: BF094415.D

Acq: 14 Apr 2017 3:36

Tgt Ion: 136 Resp: 564084

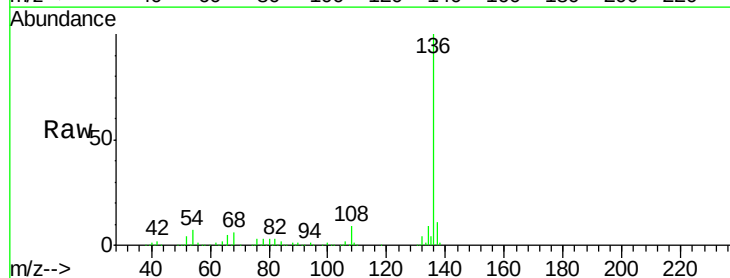
Ion Ratio Lower Upper

136 100

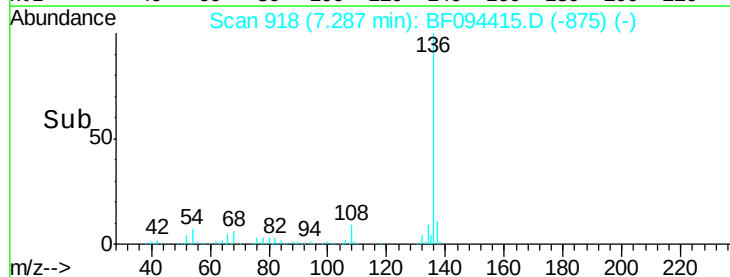
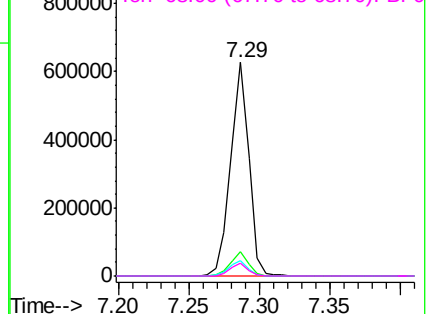
137 11.2 8.5 12.7

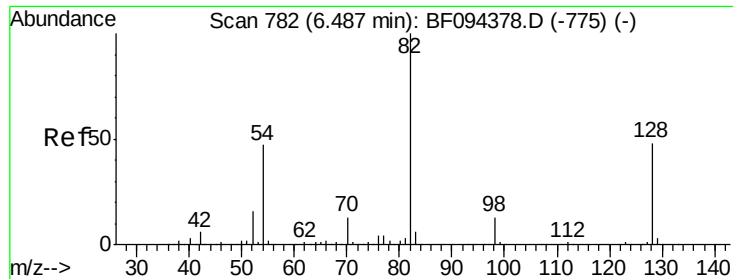
54 6.9 4.9 7.3

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

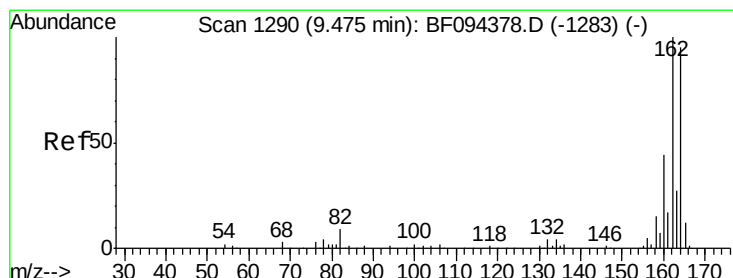
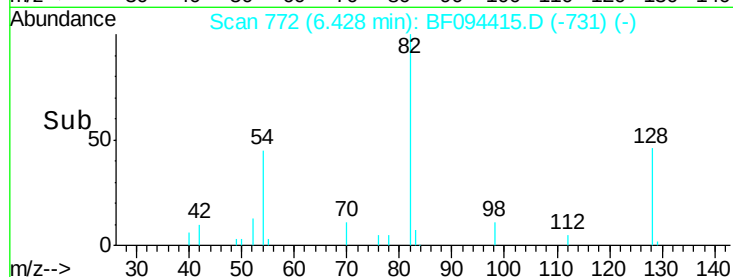
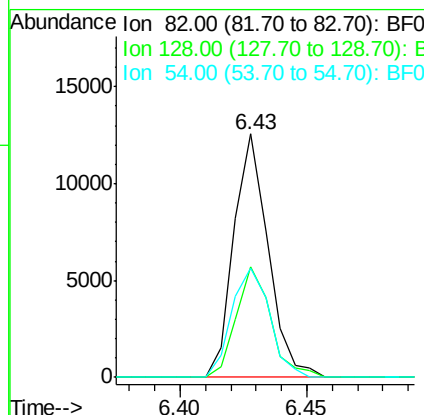
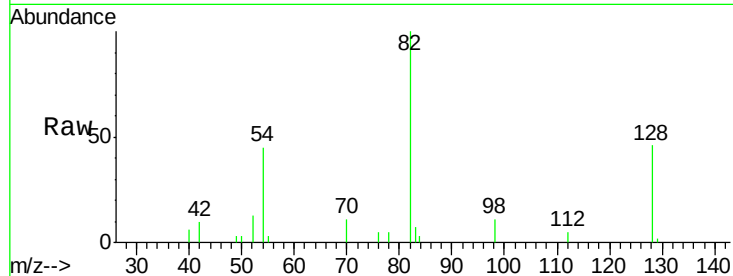




#23
 Nitrobenzene-d5
 Concen: 1.20 ng
 RT: 6.43 min Scan# 772
 Delta R.T. -0.06 min
 Lab File: BF094415.D
 Acq: 14 Apr 2017 3:36

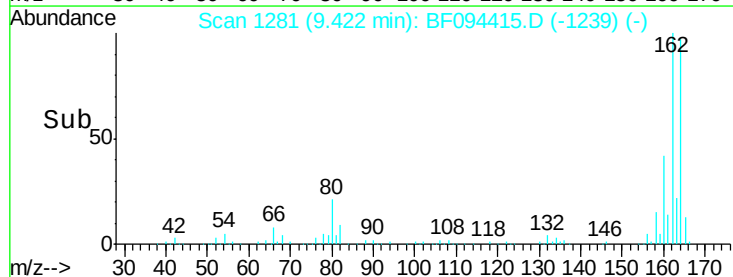
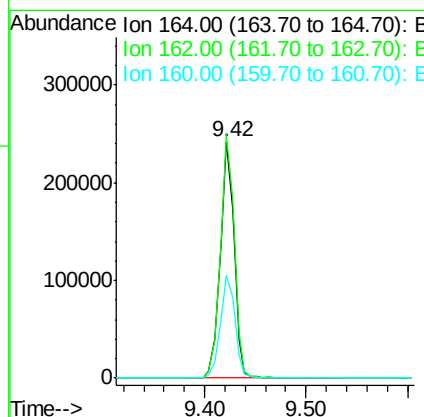
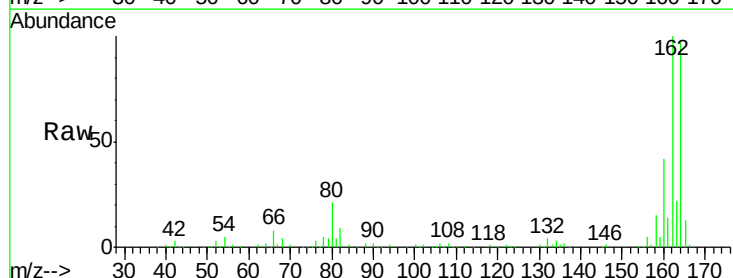
Instrument :
 BNA_F
 ClientSampleId :
 E2-AA10-SSW-2

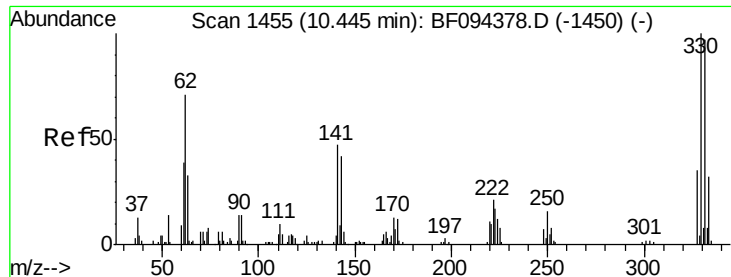
Tot Ion	82	Resp	11845
Ion Ratio	Lower	Upper	
82	100		
128	45.6	34.0	51.0
54	44.9	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.42 min Scan# 1281
 Delta R.T. -0.05 min
 Lab File: BF094415.D
 Acq: 14 Apr 2017 3:36

Tgt Ion	164	Resp	232950
Ion Ratio	Lower	Upper	
164	100		
162	103.0	82.6	123.8
160	43.7	36.2	54.2





#41

2,4,6-Tribromophenol

Concen: 1.16 ng

RT: 10.40 min Scan# 1447

Delta R.T. -0.05 min

Lab File: BF094415.D

Acq: 14 Apr 2017 3:36

Instrument :

BNA_F

ClientSampleId :

E2-AA10-SSW-2

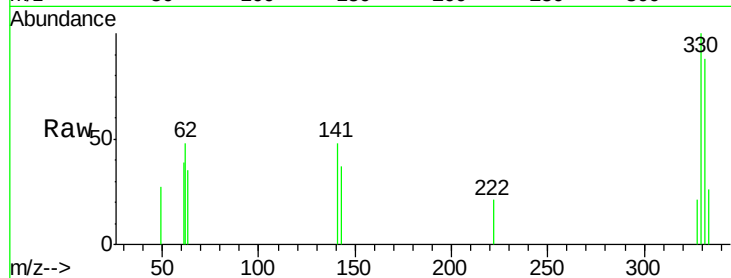
Tot Ion:330 Resp: 2137

Ion Ratio Lower Upper

330 100

332 88.8 76.6 115.0

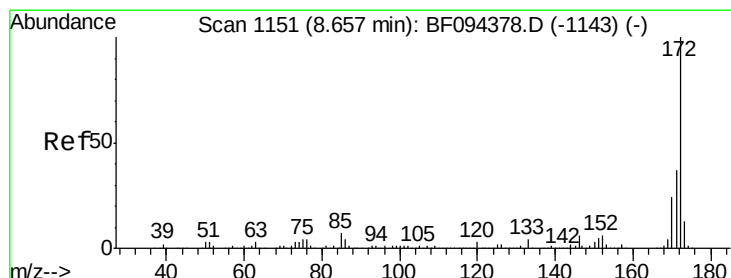
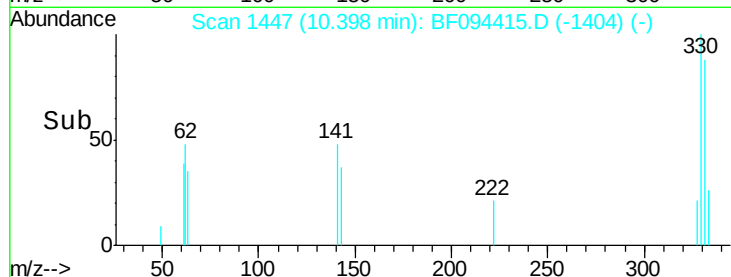
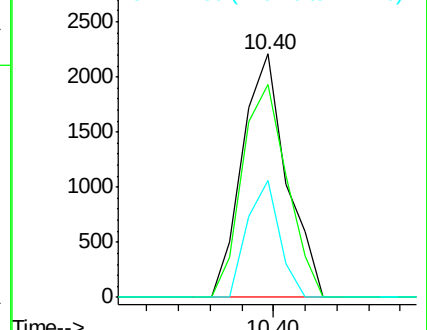
141 34.6 31.4 47.2



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: 1.66 ng

RT: 8.60 min Scan# 1142

Delta R.T. -0.05 min

Lab File: BF094415.D

Acq: 14 Apr 2017 3:36

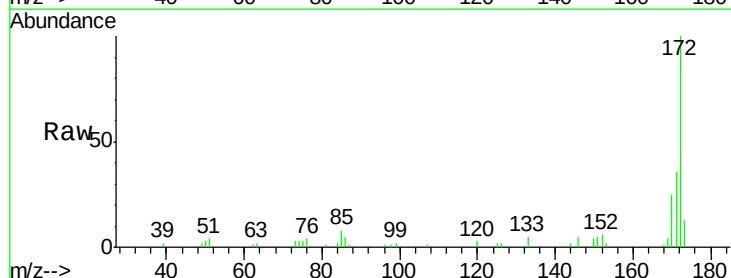
Tgt Ion:172 Resp: 25321

Ion Ratio Lower Upper

172 100

171 36.3 29.6 44.4

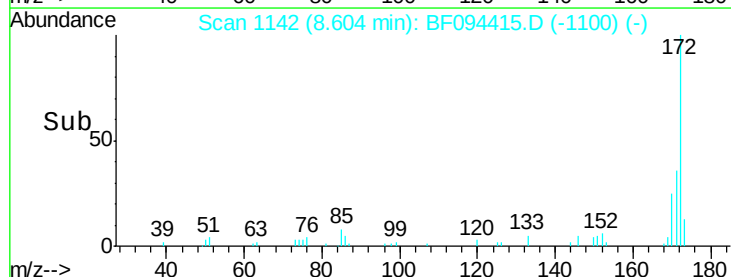
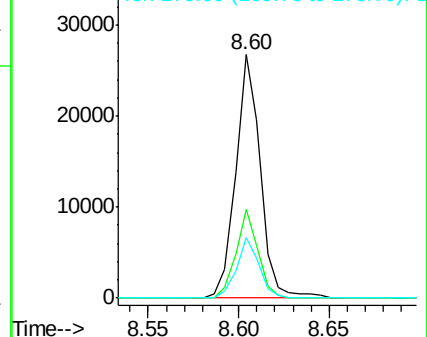
170 25.1 19.8 29.8

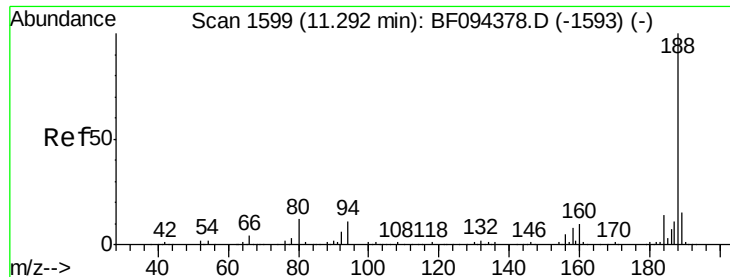


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 1591

Delta R.T. -0.05 min

Lab File: BF094415.D

Acq: 14 Apr 2017 3:36

Instrument :

BNA_F

ClientSampleId :

E2-AA10-SSW-2

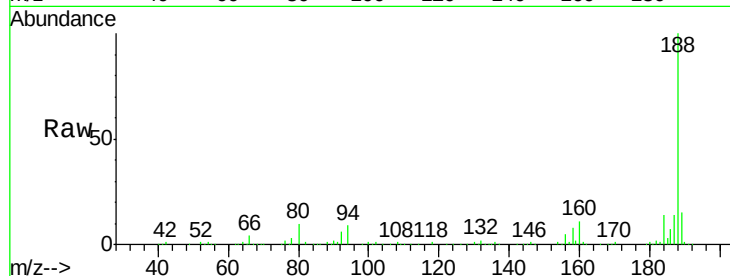
Tot Ion:188 Resp: 357059

Ion Ratio Lower Upper

188 100

94 9.5 9.4 14.2

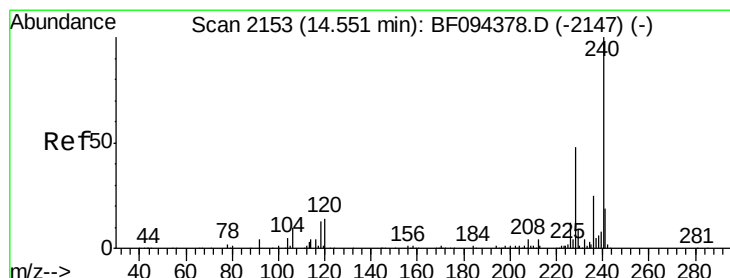
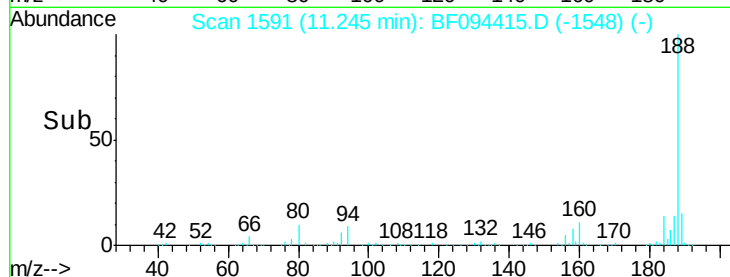
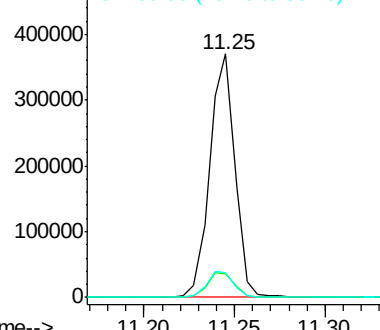
80 10.2 10.2 15.2



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: BF094415.D

Acq: 14 Apr 2017 3:36

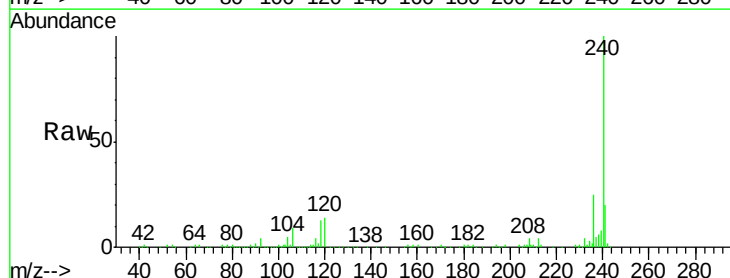
Tgt Ion:240 Resp: 274098

Ion Ratio Lower Upper

240 100

120 14.0 5.8 8.8#

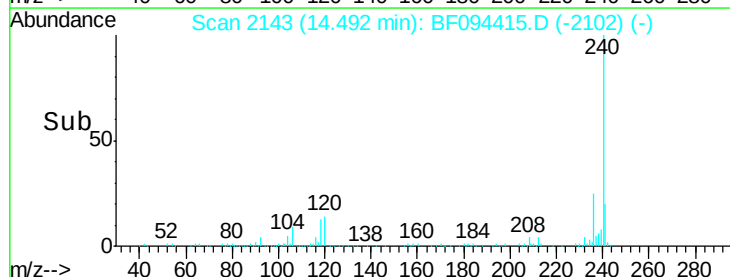
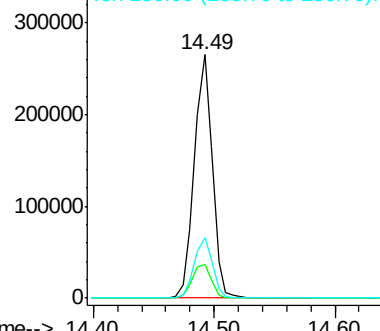
236 24.9 20.5 30.7

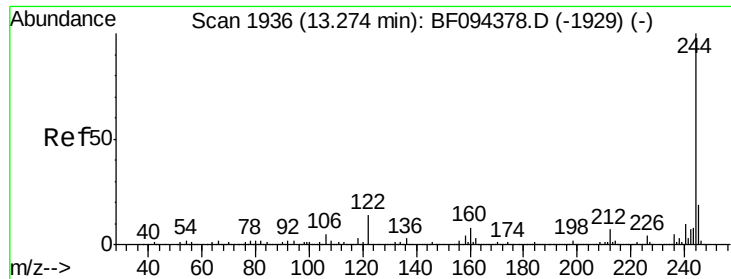


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

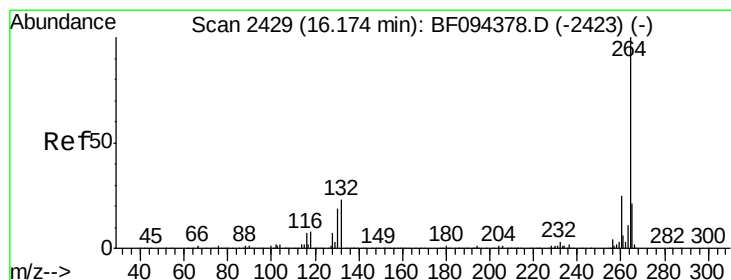
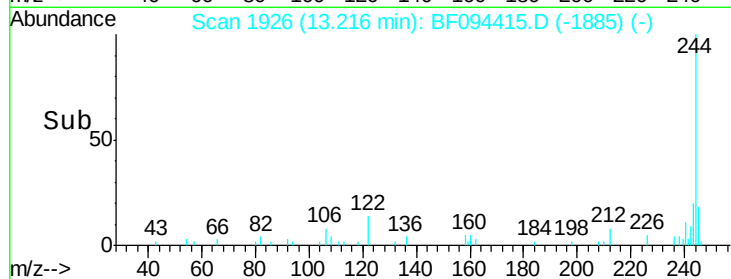
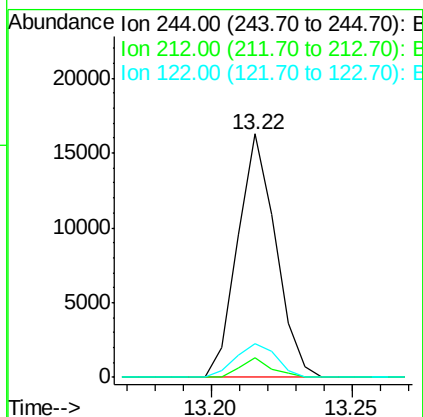
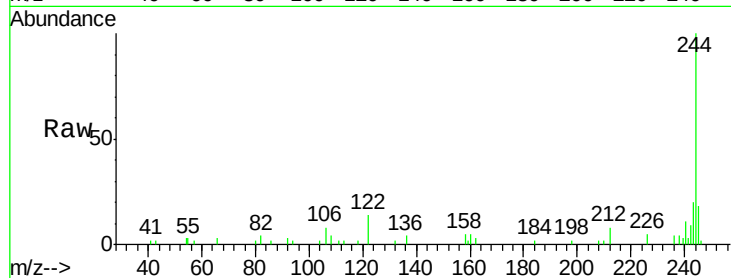




#78
 Terphenyl-d14
 Concen: 1.24 ng
 RT: 13.22 min Scan# 1926
 Delta R.T. -0.06 min
 Lab File: BF094415.D
 Acq: 14 Apr 2017 3:36

Instrument :
 BNA_F
 ClientSampleId :
 E2-AA10-SSW-2

Tot Ion:244 Resp: 15204
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.0 9.0
 122 13.8 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: BF094415.D
 Acq: 14 Apr 2017 3:36

Tgt Ion:264 Resp: 216830
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 21.6 17.2 25.8

