

Data Path : Z:\HPCHEM1\BNA_F\Data\BF041317\
 Data File : BF094422.D
 Acq On : 14 Apr 2017 10:01
 Operator : SJ/MA
 Sample : I2672-07 10X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

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

Quant Time: Apr 14 10:31:21 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

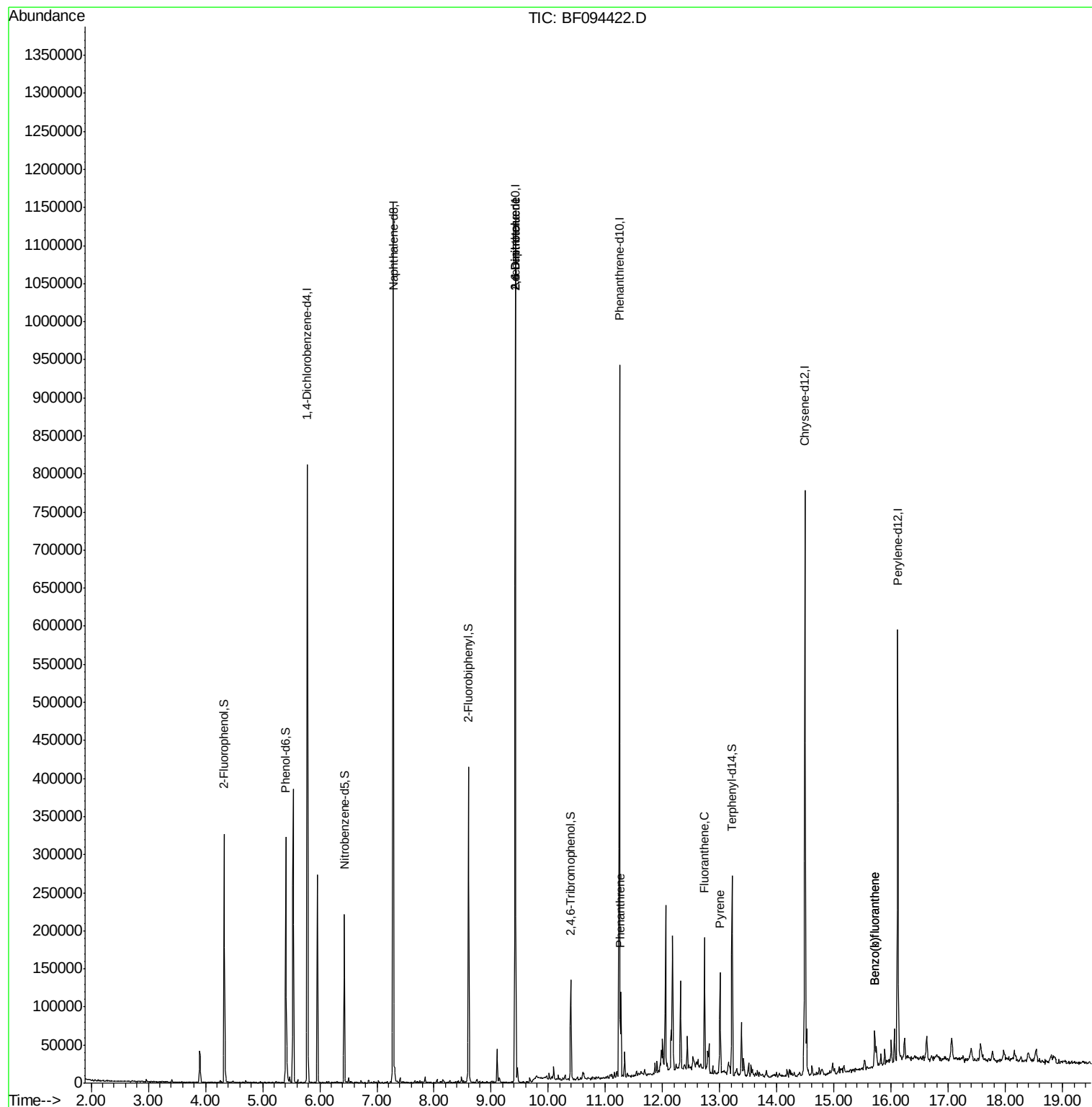
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.79	152	145264	20.00	ng	-0.04
21) Naphthalene-d8	7.29	136	563353	20.00	ng	-0.05
38) Acenaphthene-d10	9.42	164	236362	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	368382	20.00	ng	-0.05
75) Chrysene-d12	14.49	240	276997	20.00	ng	-0.06
86) Perylene-d12	16.12	264	212308	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	95618	11.12	ng	-0.05
7) Phenol-d6	5.40	99	120470	11.32	ng	-0.06
23) Nitrobenzene-d5	6.43	82	70520	7.14	ng	-0.06
41) 2,4,6-Tribromophenol	10.39	330	15031	8.05	ng	-0.05
44) 2-Fluorobiphenyl	8.60	172	134328	8.67	ng	-0.05
78) Terphenyl-d14	13.22	244	80233	6.49	ng	-0.06
Target Compounds						
50) 2,6-Dinitrotoluene	9.42	165	29981	7.78	ng	# 34
56) 2,4-Dinitrotoluene	9.42	165	29981	6.20	ng	# 33
70) Phenanthrene	11.27	178	44072	2.15	ng	98
74) Fluoranthene	12.73	202	69382	3.31	ng	99
77) Pyrene	13.01	202	57043	2.84	ng	97
87) Benzo(b)fluoranthene	15.72	252	34903	2.68	ng	97
88) Benzo(k)fluoranthene	15.72	252	34903	2.74	ng	97

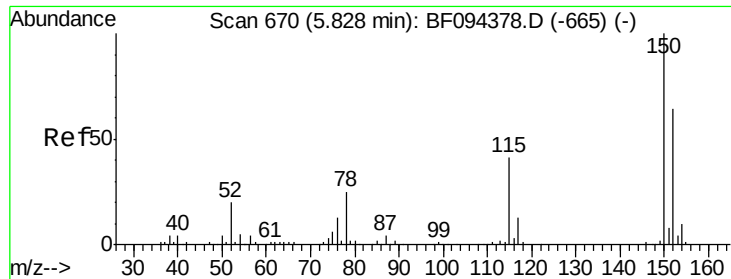
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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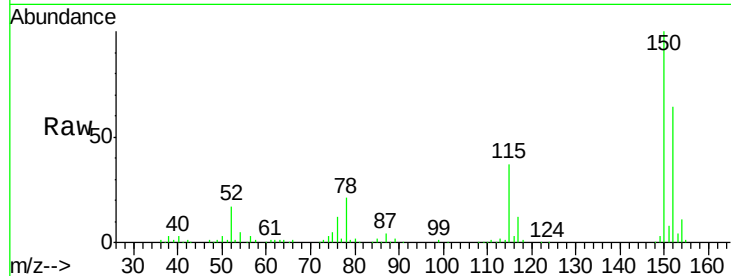


#1

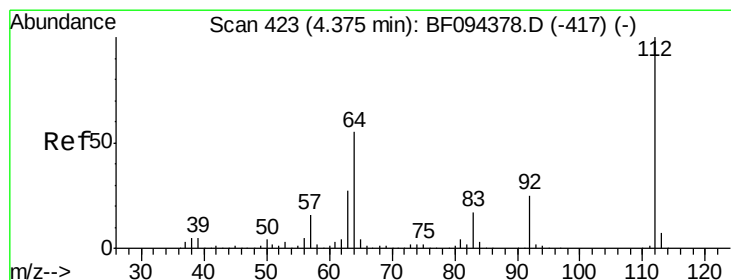
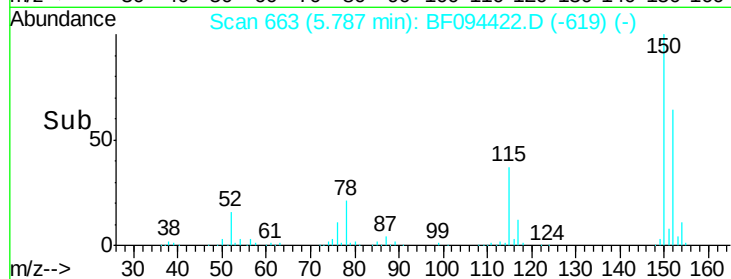
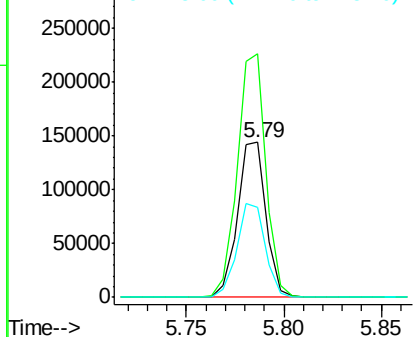
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.79 min Scan# 663
Delta R.T. -0.04 min
Lab File: BF094422.D
Acq: 14 Apr 2017 10:01

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

Tgt Ion:152 Resp: 145264
Ion Ratio Lower Upper
152 100
150 156.9 126.2 189.2
115 58.0 52.2 78.2



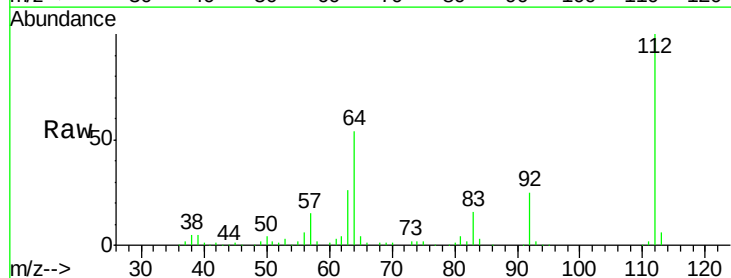
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



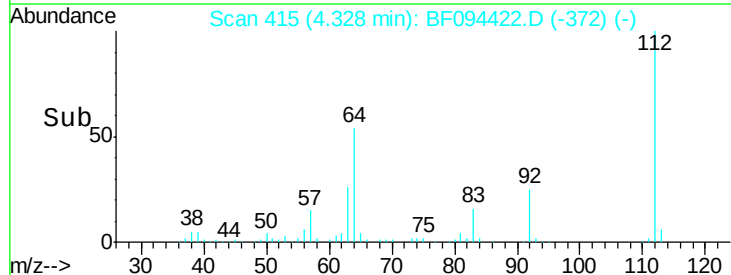
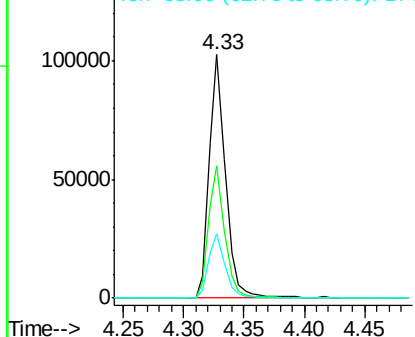
#5

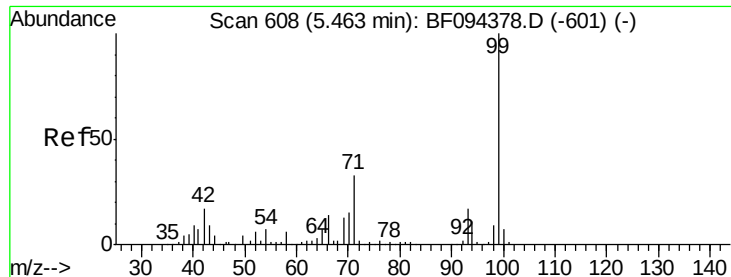
2-Fluorophenol
Concen: 11.12 ng
RT: 4.33 min Scan# 415
Delta R.T. -0.05 min
Lab File: BF094422.D
Acq: 14 Apr 2017 10:01

Tgt Ion:112 Resp: 95618
Ion Ratio Lower Upper
112 100
64 54.3 46.0 69.0
63 26.5 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: 11.32 ng

RT: 5.40 min Scan# 598

Delta R.T. -0.06 min

Lab File: BF094422.D

Acq: 14 Apr 2017 10:01

Instrument :

BNA_F

ClientSampleId :

E2-AA10-SSW-2

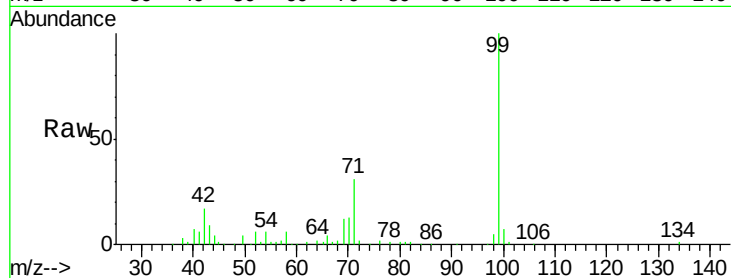
Tgt Ion: 99 Resp: 120470

Ion Ratio Lower Upper

99 100

42 17.2 13.5 20.3

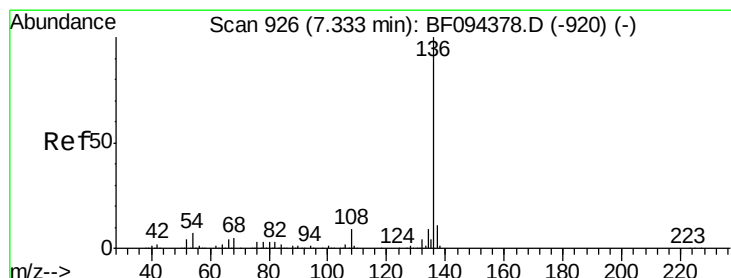
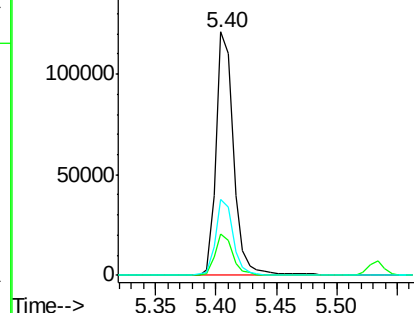
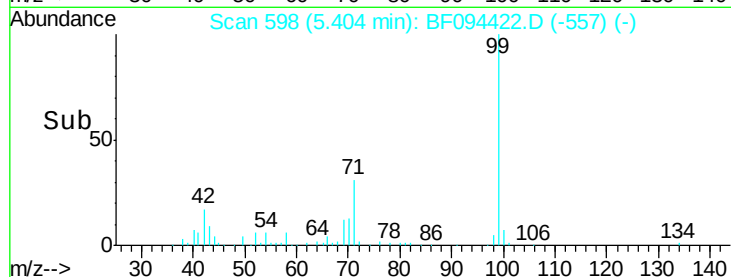
71 31.2 24.5 36.7



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: BF094422.D

Acq: 14 Apr 2017 10:01

Tgt Ion: 136 Resp: 563353

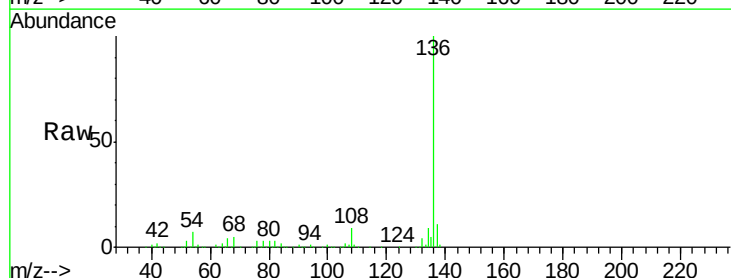
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.9 4.9 7.3

68 5.3 4.1 6.1

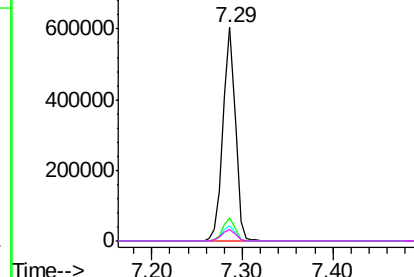
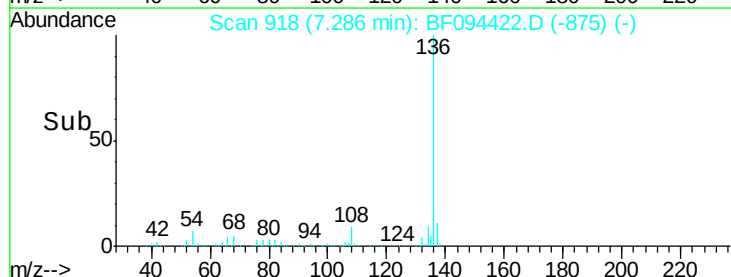


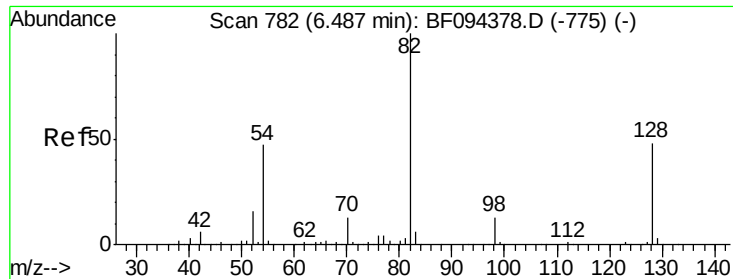
Abundance Ion 136.00 (135.70 to 136.70): E

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

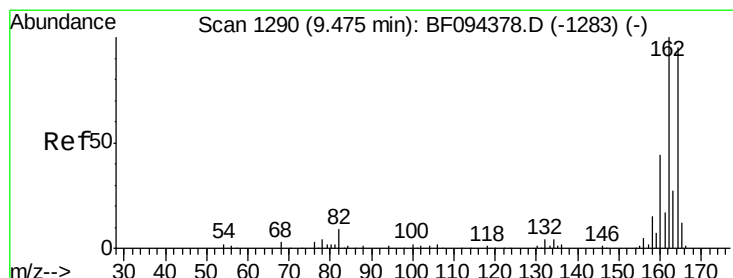
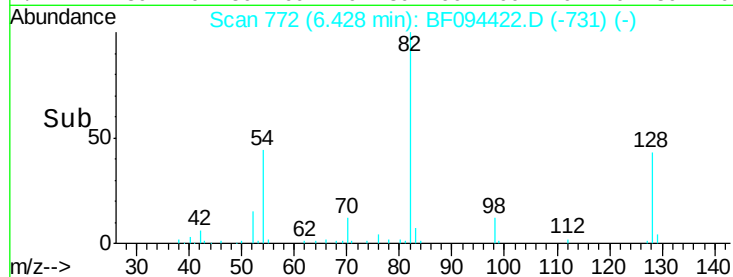
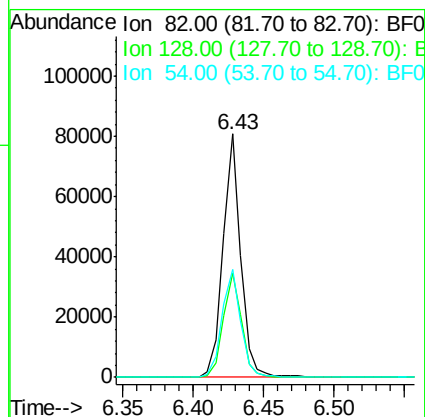
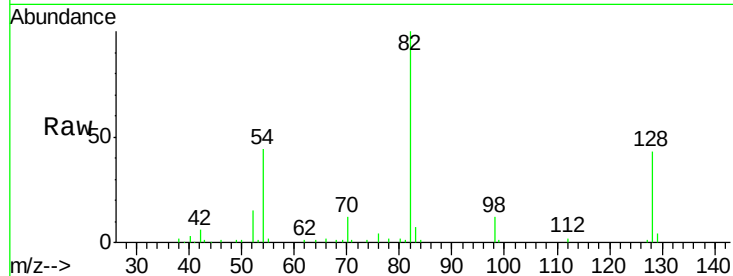




#23
 Nitrobenzene-d5
 Concen: 7.14 ng
 RT: 6.43 min Scan# 772
 Delta R.T. -0.06 min
 Lab File: BF094422.D
 Acq: 14 Apr 2017 10:01

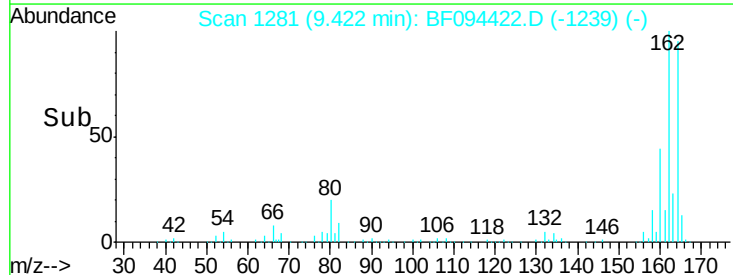
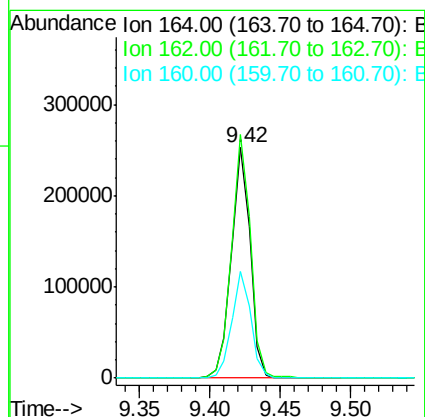
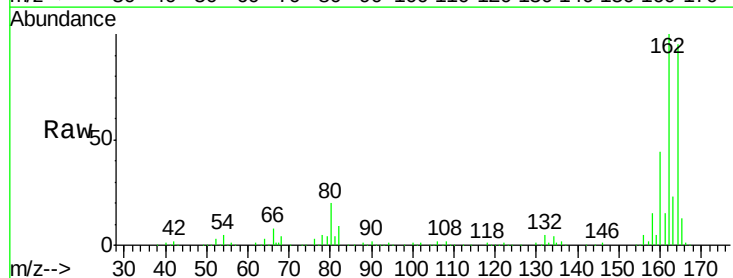
Instrument :
 BNA_F
 ClientSampleId :
 E2-AA10-SSW-2

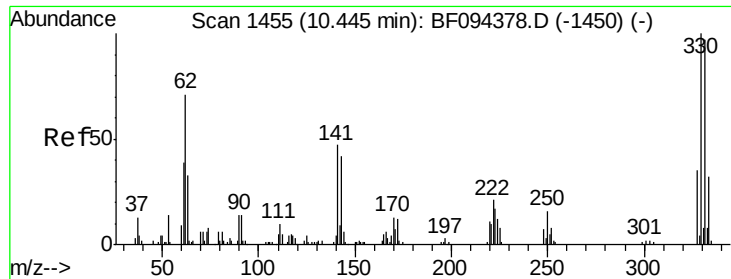
Tgt Ion: 82 Resp: 70520
 Ion Ratio Lower Upper
 82 100
 128 42.6 34.0 51.0
 54 44.1 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.42 min Scan# 1281
 Delta R.T. -0.05 min
 Lab File: BF094422.D
 Acq: 14 Apr 2017 10:01

Tgt Ion: 164 Resp: 236362
 Ion Ratio Lower Upper
 164 100
 162 105.6 82.6 123.8
 160 46.0 36.2 54.2

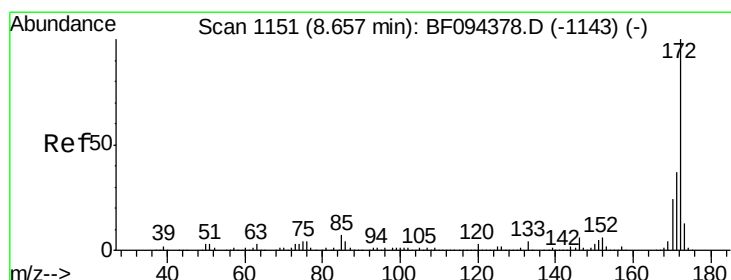
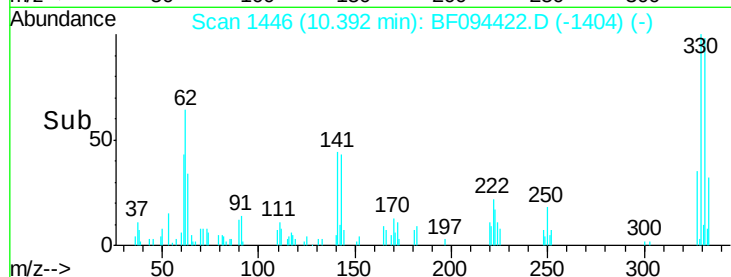
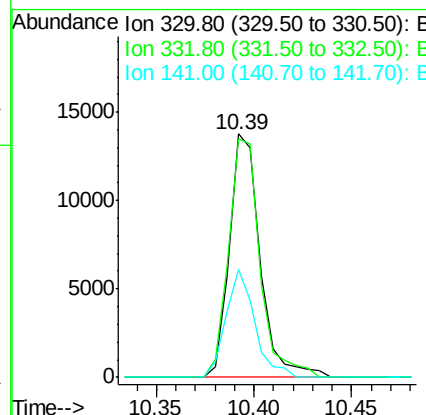
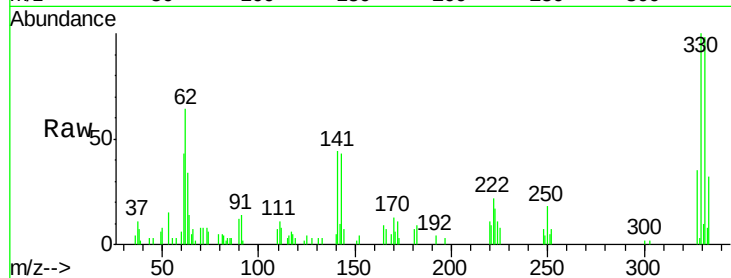




#41
 2,4,6-Tribromophenol
 Concen: 8.05 ng
 RT: 10.39 min Scan# 1446
 Delta R.T. -0.05 min
 Lab File: BF094422.D
 Acq: 14 Apr 2017 10:01

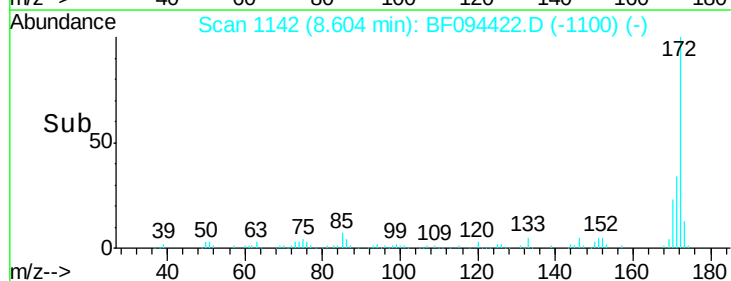
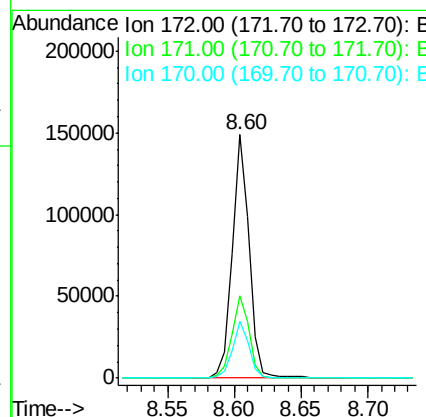
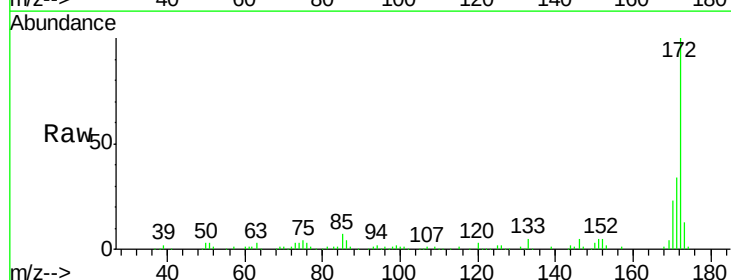
Instrument :
 BNA_F
 ClientSampleId :
 E2-AA10-SSW-2

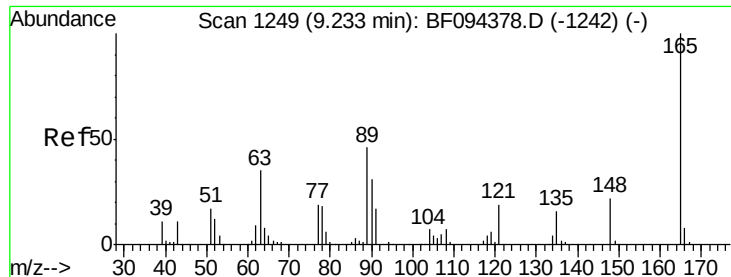
Tgt Ion: 330 Resp: 15031
 Ion Ratio Lower Upper
 330 100
 332 100.2 76.6 115.0
 141 41.5 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 8.67 ng
 RT: 8.60 min Scan# 1142
 Delta R.T. -0.05 min
 Lab File: BF094422.D
 Acq: 14 Apr 2017 10:01

Tgt Ion: 172 Resp: 134328
 Ion Ratio Lower Upper
 172 100
 171 33.7 29.6 44.4
 170 23.2 19.8 29.8

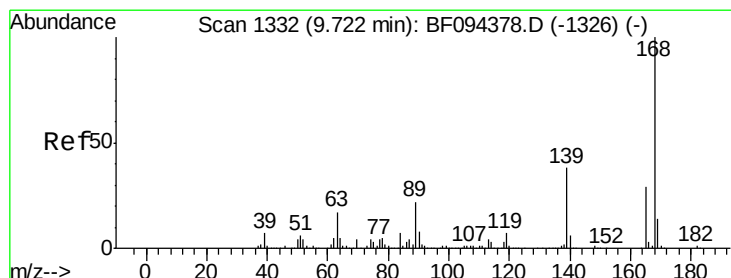
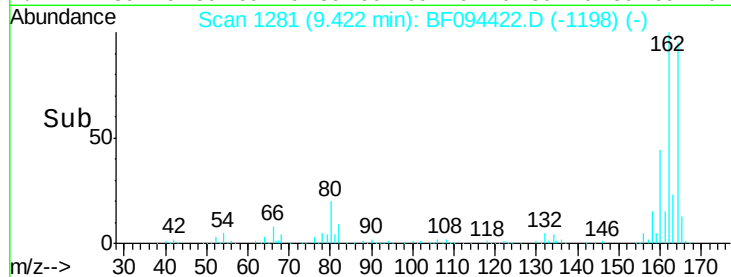
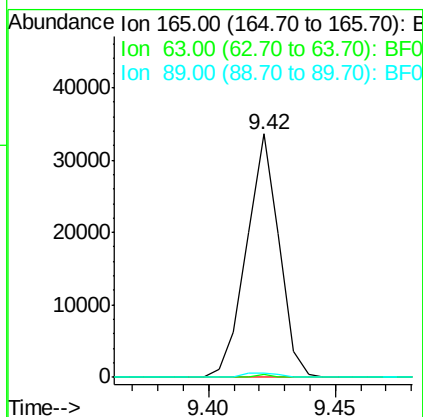
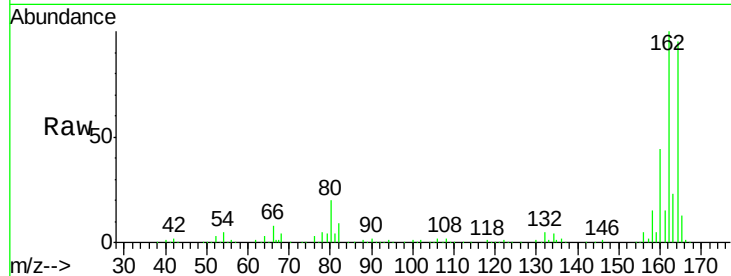




#50
 2,6-Dinitrotoluene
 Concen: 7.78 ng
 RT: 9.42 min Scan# 1281
 Delta R.T. 0.19 min
 Lab File: BF094422.D
 Acq: 14 Apr 2017 10:01

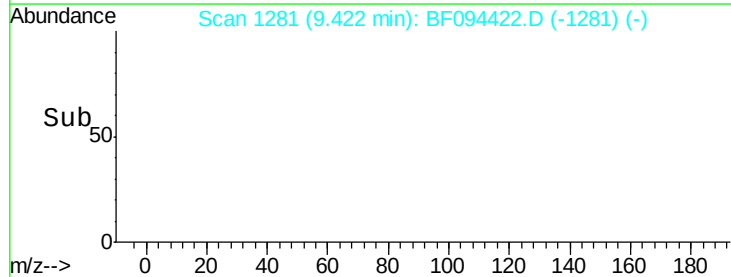
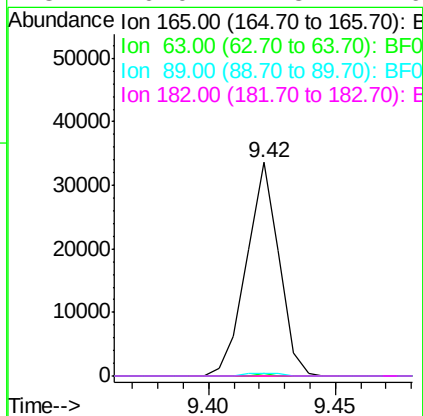
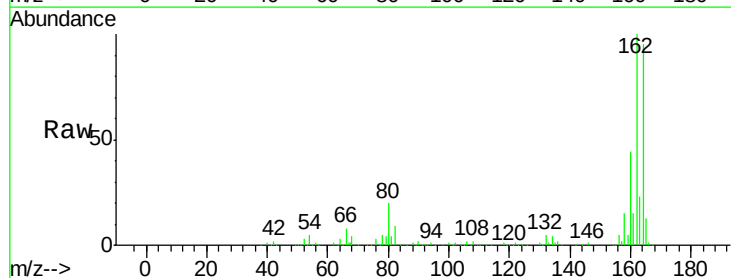
Instrument :
 BNA_F
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 E2-AA10-SSW-2

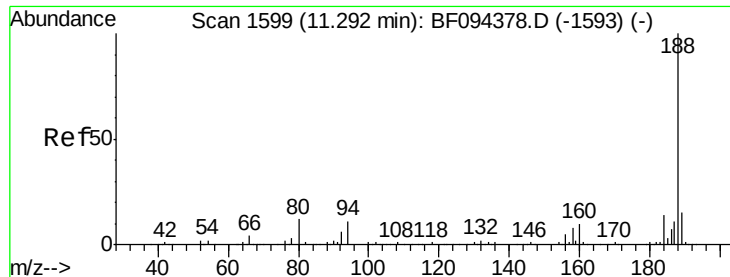
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.3	51.5#
89	1.5	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.20 ng
 RT: 9.42 min Scan# 1281
 Delta R.T. -0.30 min
 Lab File: BF094422.D
 Acq: 14 Apr 2017 10:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#

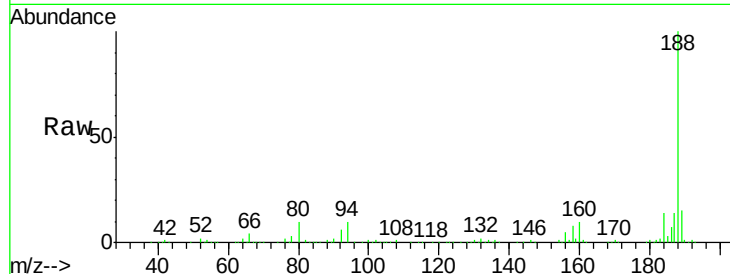




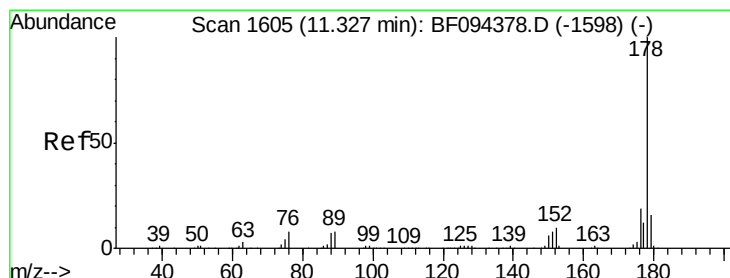
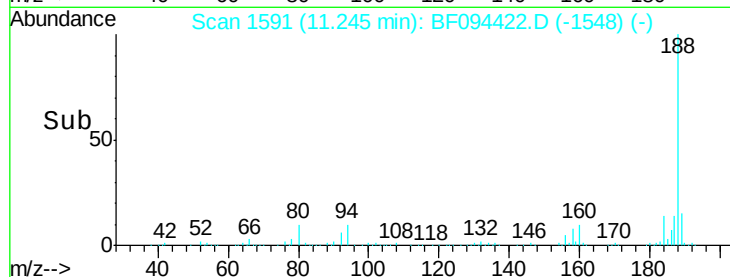
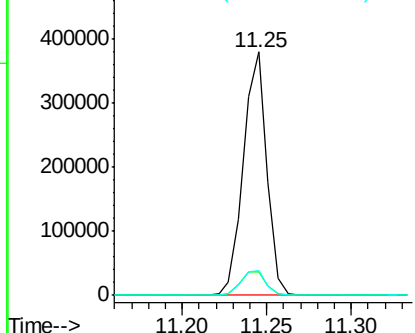
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 1591
 Delta R.T. -0.05 min
 Lab File: BF094422.D
 Acq: 14 Apr 2017 10:01

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

Tgt Ion:188 Resp: 368382
 Ion Ratio Lower Upper
 188 100
 94 9.8 9.4 14.2
 80 10.4 10.2 15.2

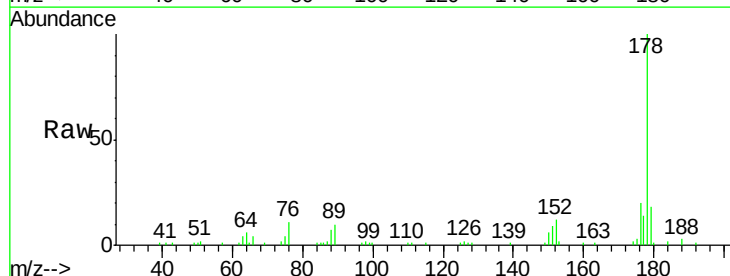


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

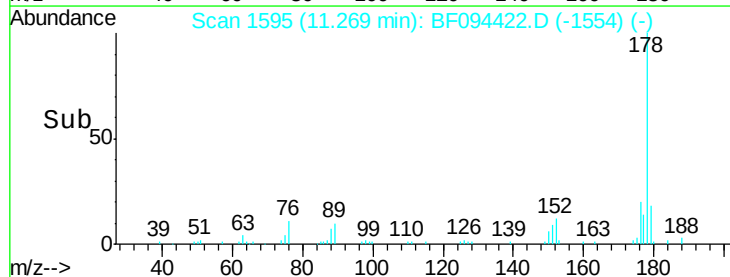
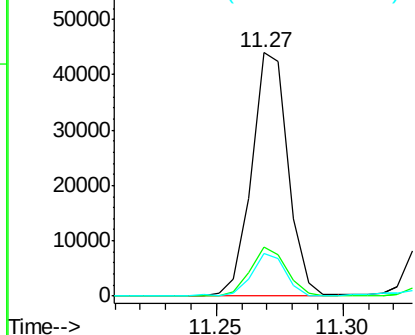


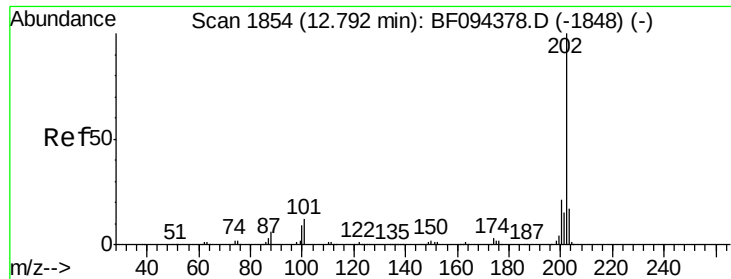
#70
 Phenanthrene
 Concen: 2.15 ng
 RT: 11.27 min Scan# 1595
 Delta R.T. -0.06 min
 Lab File: BF094422.D
 Acq: 14 Apr 2017 10:01

Tgt Ion:178 Resp: 44072
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.2 24.4
 179 17.7 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 3.31 ng

RT: 12.73 min Scan# 1844

Delta R.T. -0.06 min

Lab File: BF094422.D

Acq: 14 Apr 2017 10:01

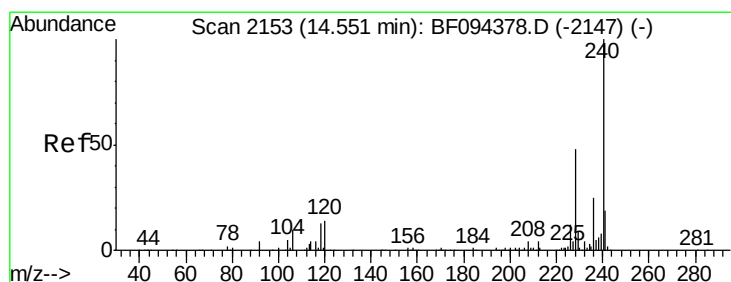
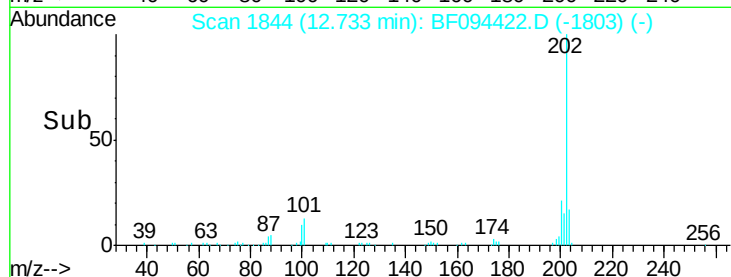
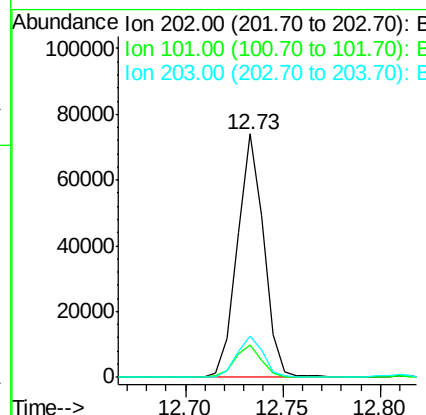
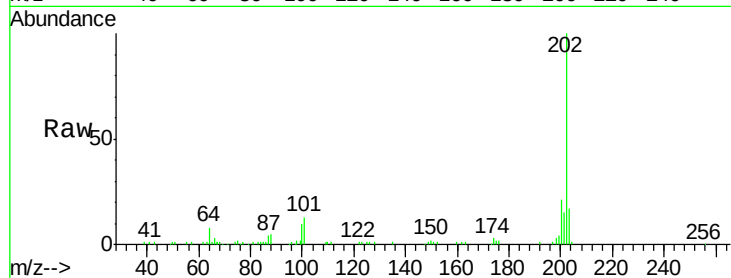
Instrument :

BNA_F

ClientSampleId :

E2-AA10-SSW-2

Tgt Ion:	202	Resp:	69382
Ion Ratio	Lower	Upper	
202	100		
101	13.3	0.0	33.2
203	17.2	0.0	38.1



#75

Chrysene-d12

Concen: 20.00 ng

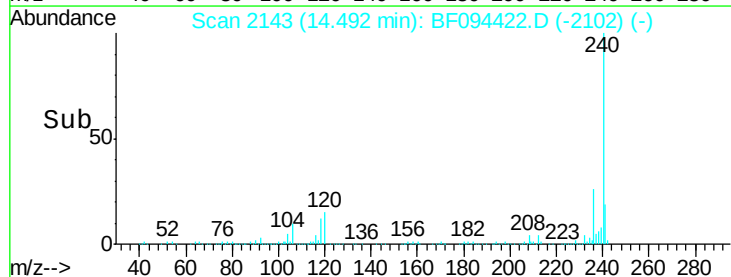
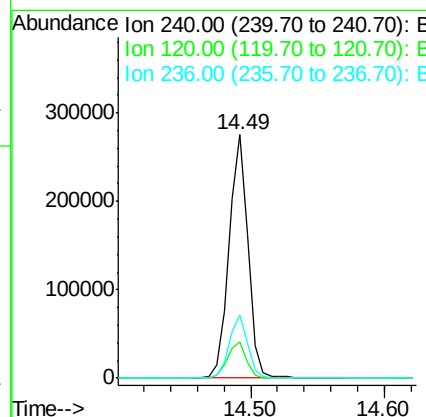
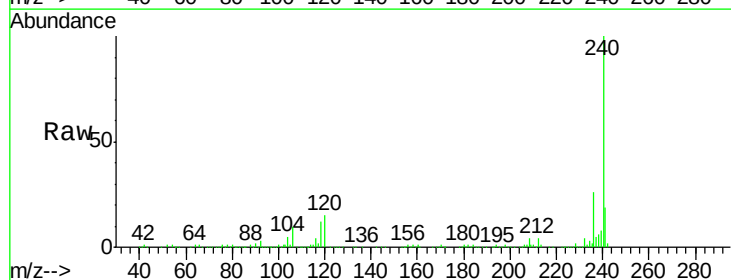
RT: 14.49 min Scan# 2143

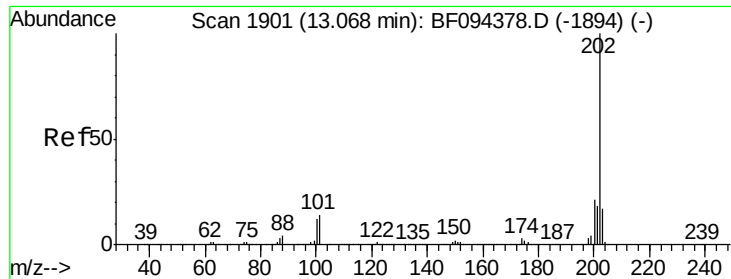
Delta R.T. -0.06 min

Lab File: BF094422.D

Acq: 14 Apr 2017 10:01

Tgt Ion:	240	Resp:	276997
Ion Ratio	Lower	Upper	
240	100		
120	15.1	5.8	8.8#
236	26.0	20.5	30.7

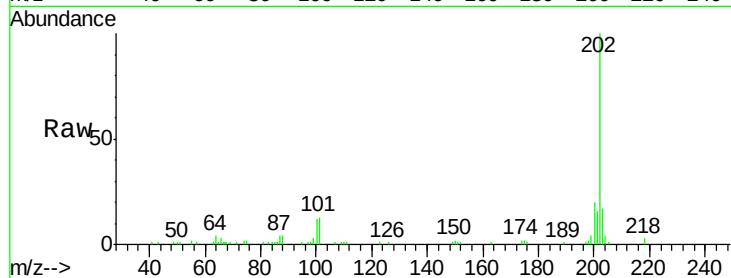




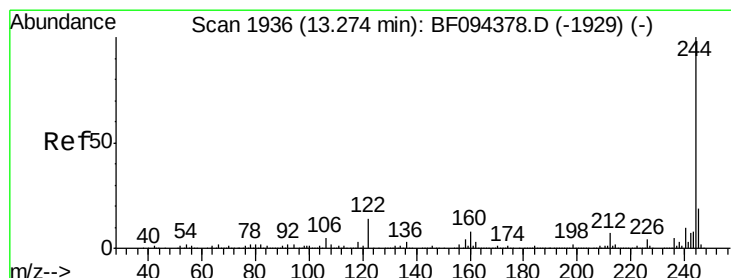
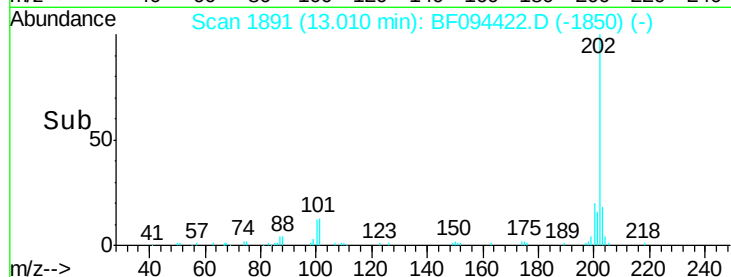
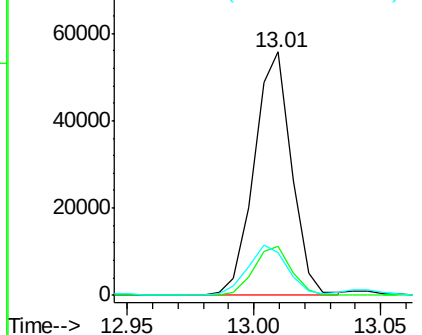
#77
 Pyrene
 Concen: 2.84 ng
 RT: 13.01 min Scan# 1891
 Delta R.T. -0.06 min
 Lab File: BF094422.D
 Acq: 14 Apr 2017 10:01

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

Tgt Ion: 202 Resp: 57043
 Ion Ratio Lower Upper
 202 100
 200 20.0 17.6 26.4
 203 17.5 14.4 21.6

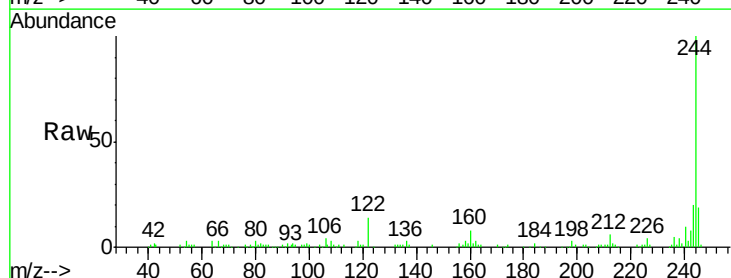


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

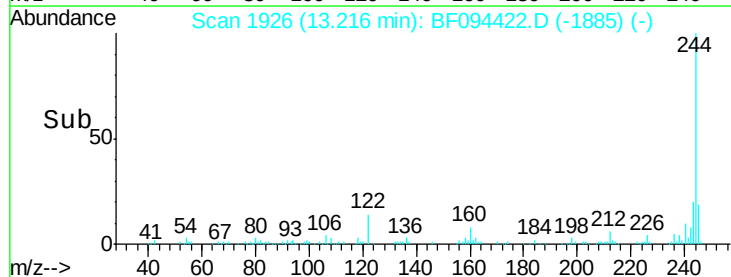
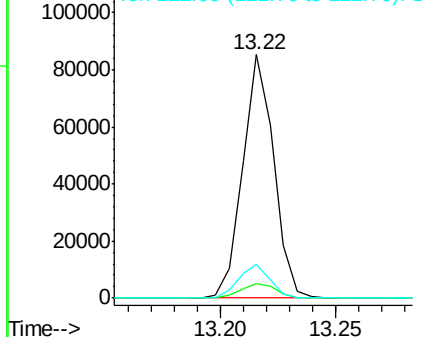


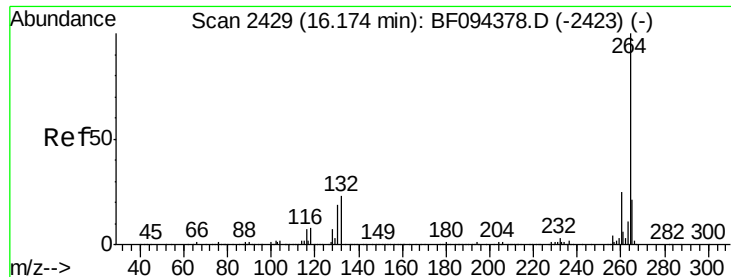
#78
 Terphenyl-d14
 Concen: 6.49 ng
 RT: 13.22 min Scan# 1926
 Delta R.T. -0.06 min
 Lab File: BF094422.D
 Acq: 14 Apr 2017 10:01

Tgt Ion: 244 Resp: 80233
 Ion Ratio Lower Upper
 244 100
 212 6.1 6.0 9.0
 122 14.0 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: 16.12 min Scan# 2419

Delta R.T. -0.06 min

Lab File: BF094422.D

Acq: 14 Apr 2017 10:01

Instrument :

BNA_F

ClientSampleId :

E2-AA10-SSW-2

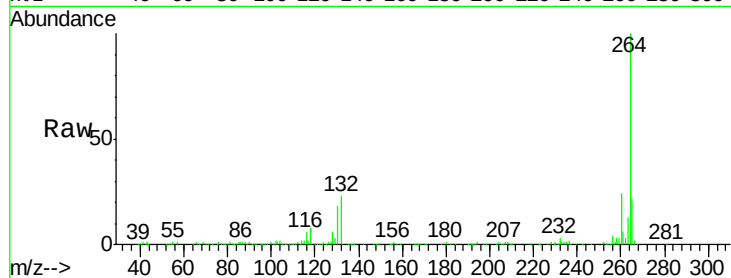
Tgt Ion:264 Resp: 212308

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

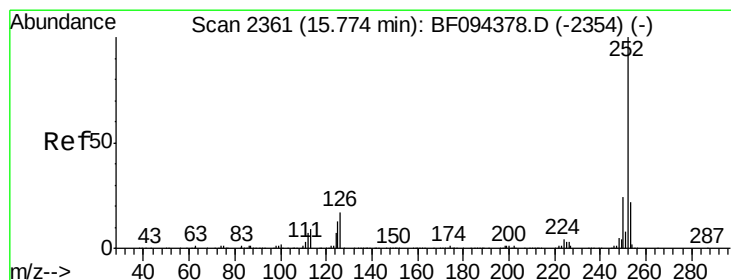
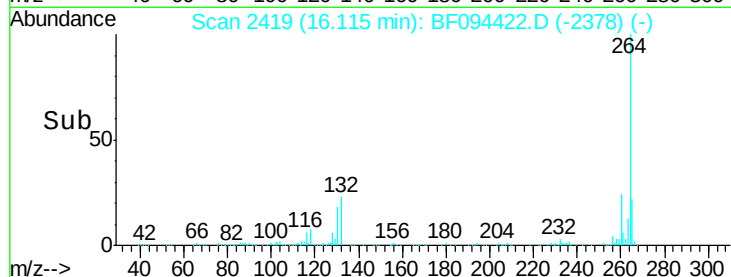
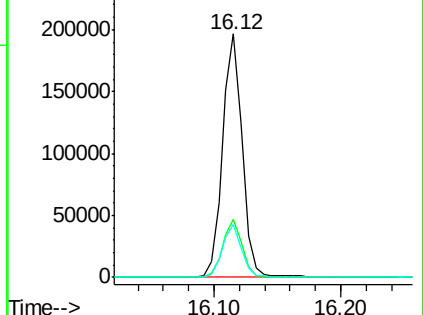
265 22.0 17.2 25.8



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



#87

Benzo(b)fluoranthene

Concen: 2.68 ng

RT: 15.72 min Scan# 2351

Delta R.T. -0.06 min

Lab File: BF094422.D

Acq: 14 Apr 2017 10:01

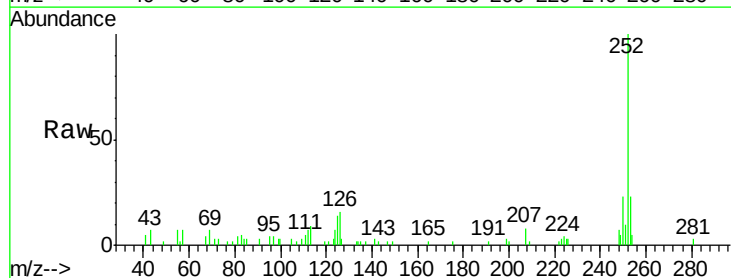
Tgt Ion:252 Resp: 34903

Ion Ratio Lower Upper

252 100

253 23.5 18.1 27.1

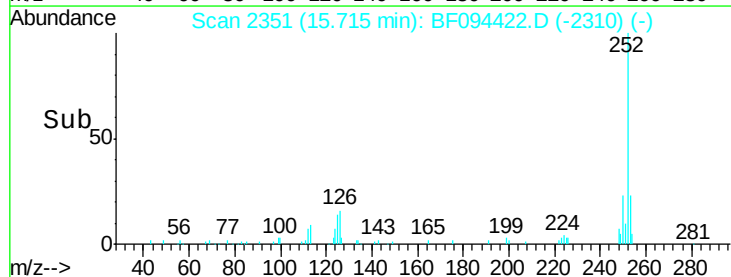
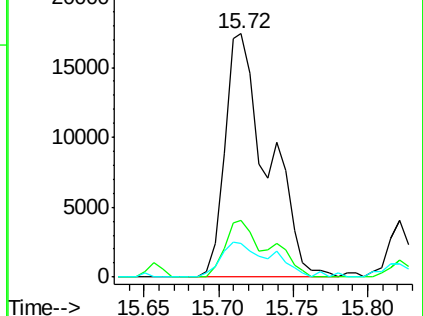
125 14.0 9.8 14.8

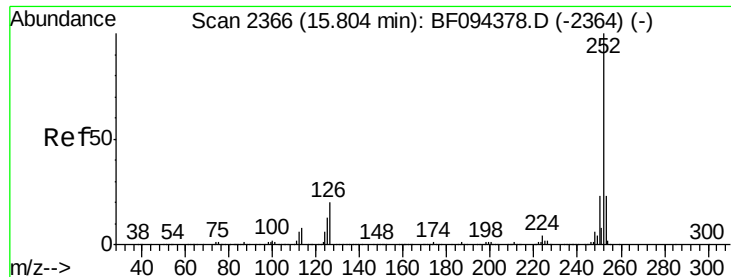


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 2.74 ng

RT: 15.72 min Scan# 2351

Delta R.T. -0.09 min

Lab File: BF094422.D

Acq: 14 Apr 2017 10:01

Instrument :

BNA_F

ClientSampleId :

E2-AA10-SSW-2

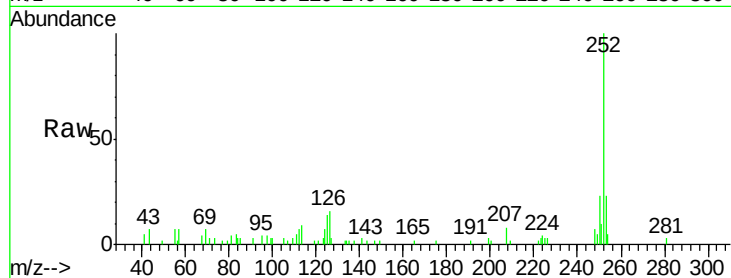
Tgt Ion: 252 Resp: 34903

Ion Ratio Lower Upper

252 100

253 23.5 18.4 27.6

125 14.0 13.1 19.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

