

Data Path : Z:\HPCHEM1\BNA_F\Data\BF041317\
 Data File : BF094427.D
 Acq On : 14 Apr 2017 12:34
 Operator : SJ/MA
 Sample : I2672-07
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

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

Quant Time: Apr 14 13:19:54 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

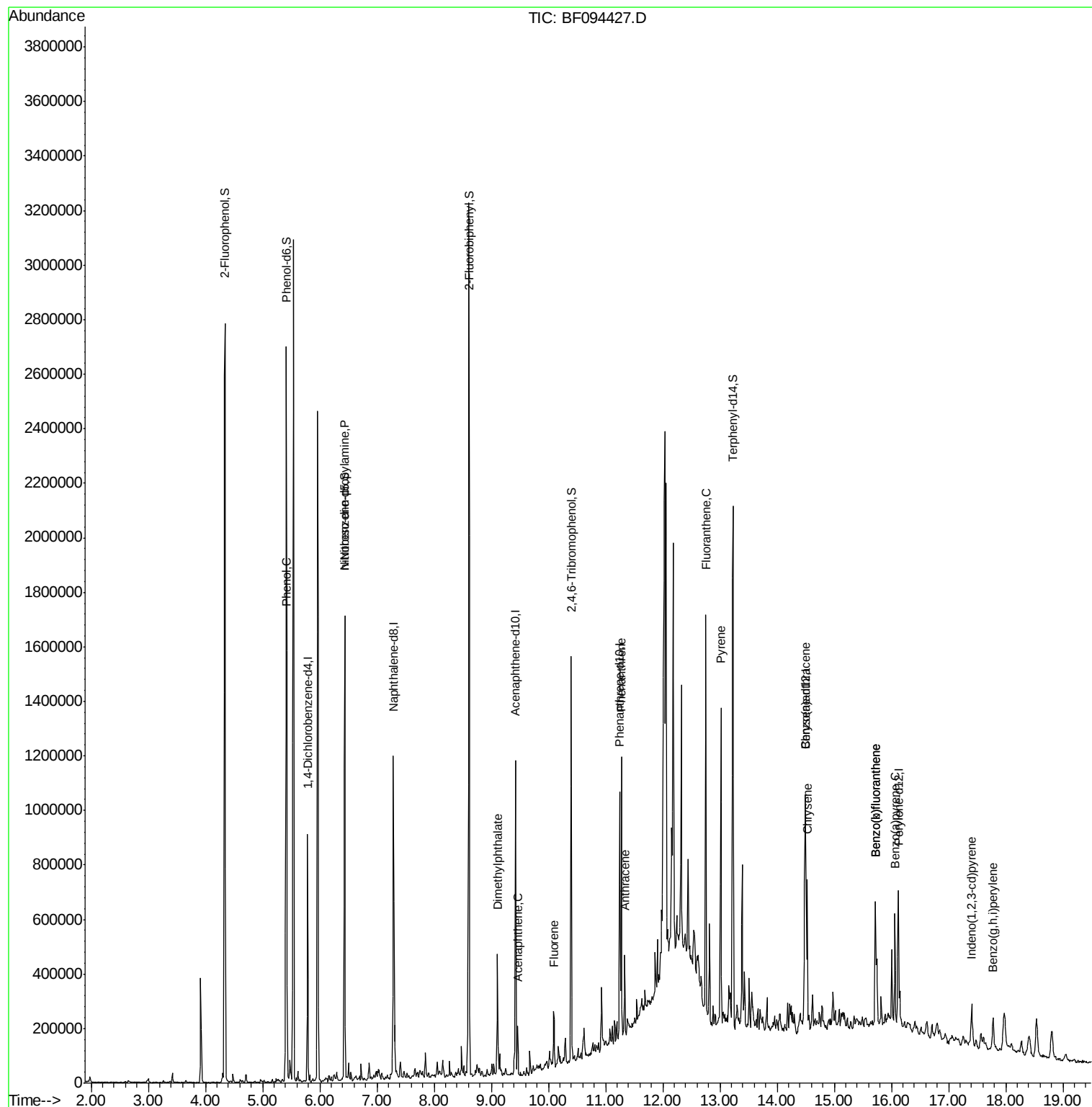
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.79	152	146194	20.00	ng	-0.04
21) Naphthalene-d8	7.29	136	560392	20.00	ng	-0.05
38) Acenaphthene-d10	9.42	164	236779	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	356584	20.00	ng	-0.05
75) Chrysene-d12	14.50	240	264814	20.00	ng	-0.05
86) Perylene-d12	16.12	264	206504	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.34	112	876723	101.29	ng	-0.04
7) Phenol-d6	5.42	99	1090051	101.80	ng	-0.05
23) Nitrobenzene-d5	6.43	82	670128	68.24	ng	-0.05
41) 2,4,6-Tribromophenol	10.40	330	179873	96.13	ng	-0.05
44) 2-Fluorobiphenyl	8.61	172	1138294	73.33	ng	-0.05
78) Terphenyl-d14	13.23	244	679762	57.54	ng	-0.05
Target Compounds						Qvalue
10) Phenol	5.43	94	66557	5.46	ng	88
19) n-Nitroso-di-n-propylamine	6.43	70	91562	13.30	ng	# 79
49) Dimethylphthalate	9.10	163	199794	11.87	ng	99
51) Acenaphthene	9.46	154	40903	2.82	ng	94
57) Fluorene	10.09	166	52866	3.23	ng	98
70) Phenanthrene	11.27	178	417870	21.07	ng	99
71) Anthracene	11.33	178	125425	6.14	ng	97
74) Fluoranthene	12.75	202	602514	29.66	ng	99
77) Pyrene	13.02	202	523077	27.22	ng	97
80) Benzo(a)anthracene	14.49	228	251524	16.29	ng	98
82) Chrysene	14.53	228	230138	16.06	ng	98
85) Indeno(1,2,3-cd)pyrene	17.40	276	86998	7.01	ng	95
87) Benzo(b)fluoranthene	15.72	252	329978	26.07	ng	# 96
88) Benzo(k)fluoranthene	15.72	252	329978	26.64	ng	99
89) Benzo(a)pyrene	16.06	252	167357	14.36	ng	99
91) Benzo(g,h,i)perylene	17.78	276	77925	7.83	ng	96

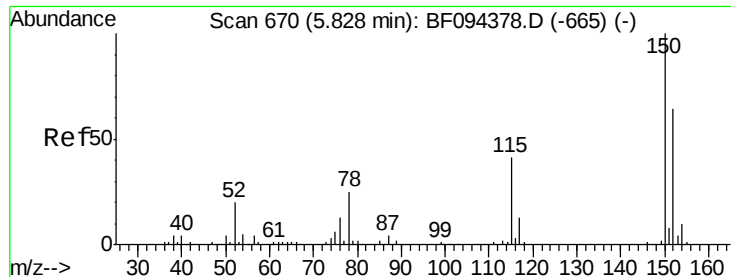
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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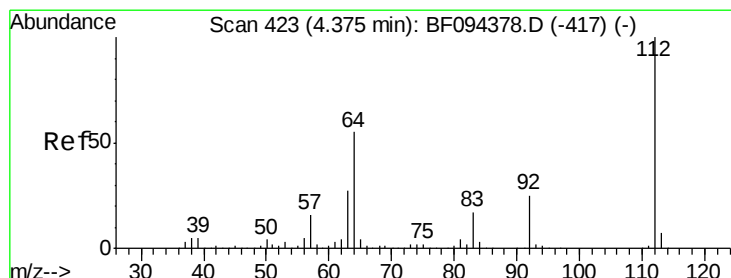
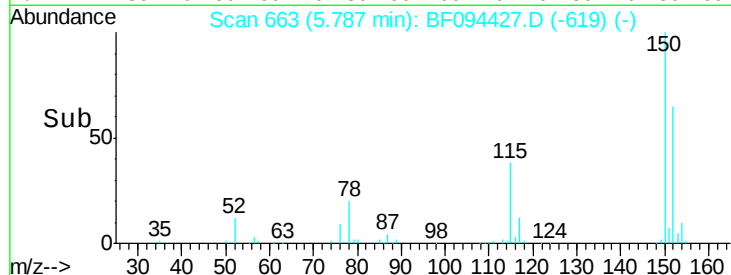
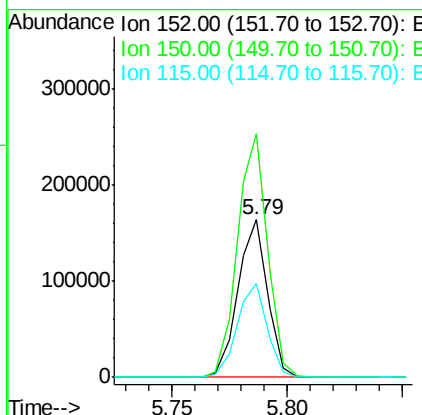
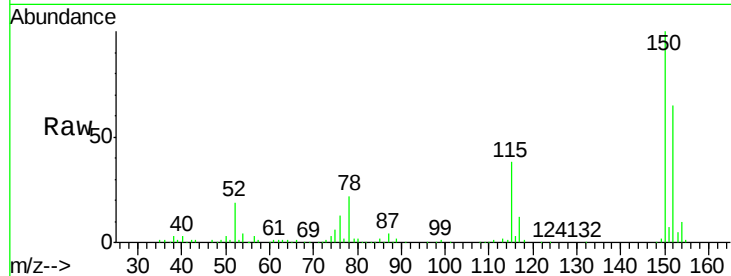




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.79 min Scan# 663
 Delta R.T. -0.04 min
 Lab File: BF094427.D
 Acq: 14 Apr 2017 12:34

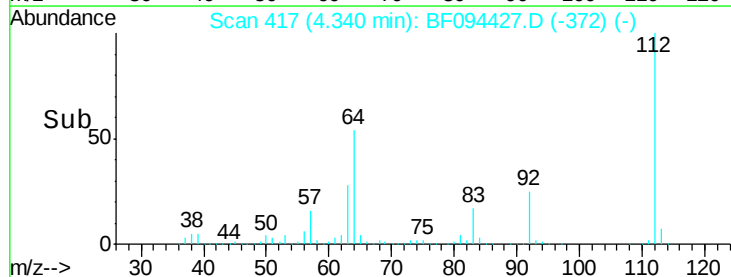
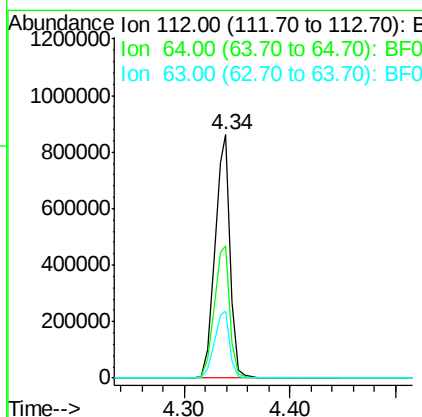
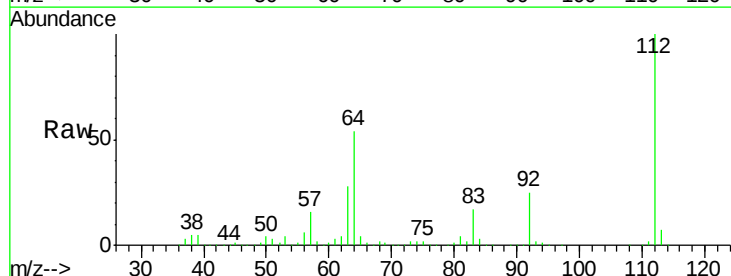
Instrument :
 BNA_F
 ClientSampleId :
 E2-AA10-SSW-2

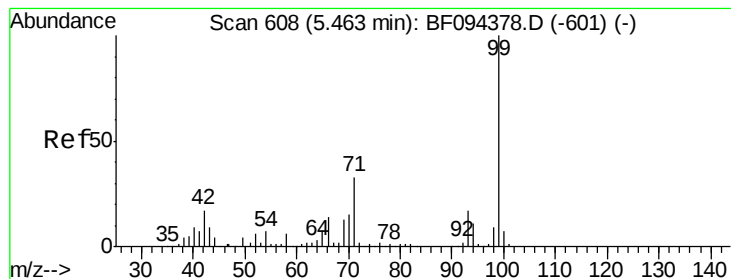
Tgt Ion:152 Resp: 146194
 Ion Ratio Lower Upper
 152 100
 150 154.6 126.2 189.2
 115 59.3 52.2 78.2



#5
 2-Fluorophenol
 Concen: 101.29 ng
 RT: 4.34 min Scan# 417
 Delta R.T. -0.04 min
 Lab File: BF094427.D
 Acq: 14 Apr 2017 12:34

Tgt Ion:112 Resp: 876723
 Ion Ratio Lower Upper
 112 100
 64 54.2 46.0 69.0
 63 27.6 23.4 35.0





#7

Phenol-d6

Concen: 101.80 ng

RT: 5.42 min Scan# 600

Delta R.T. -0.05 min

Lab File: BF094427.D

Acq: 14 Apr 2017 12:34

Instrument :

BNA_F

ClientSampleId :

E2-AA10-SSW-2

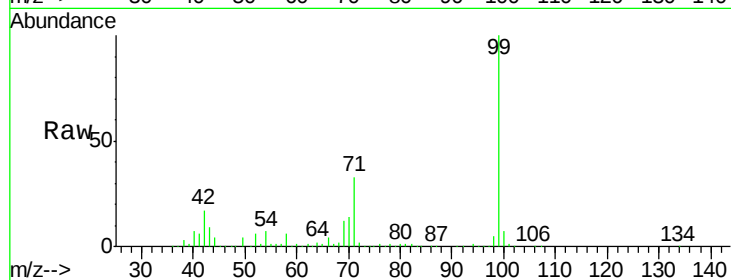
Tgt Ion: 99 Resp: 1090051

Ion Ratio Lower Upper

99 100

42 17.3 13.5 20.3

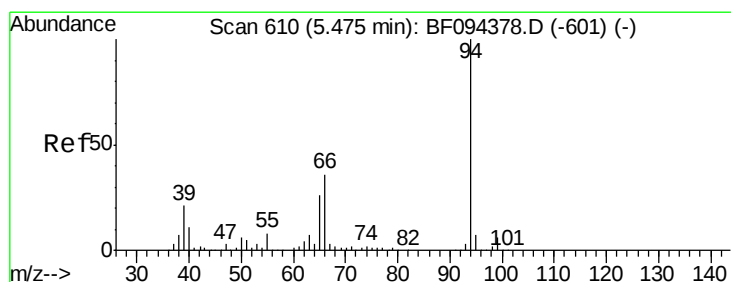
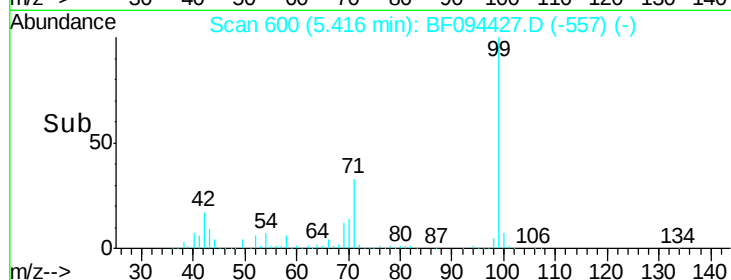
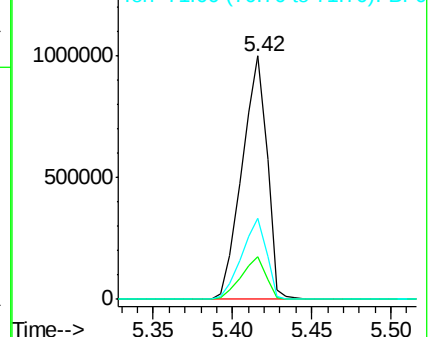
71 33.1 24.5 36.7



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



#10

Phenol

Concen: 5.46 ng

RT: 5.43 min Scan# 602

Delta R.T. -0.05 min

Lab File: BF094427.D

Acq: 14 Apr 2017 12:34

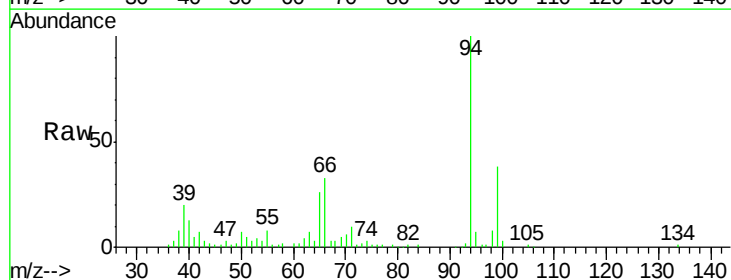
Tgt Ion: 94 Resp: 66557

Ion Ratio Lower Upper

94 100

65 25.7 9.9 49.9

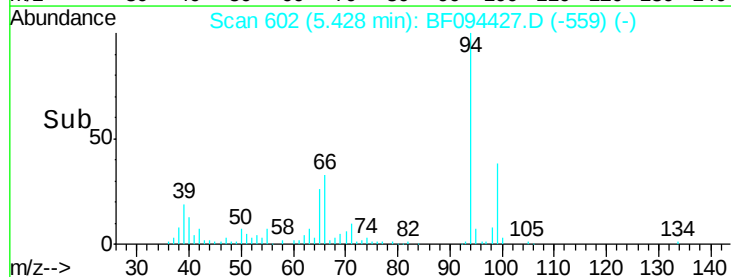
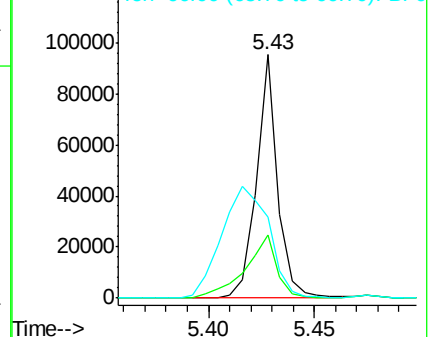
66 33.3 23.1 63.1

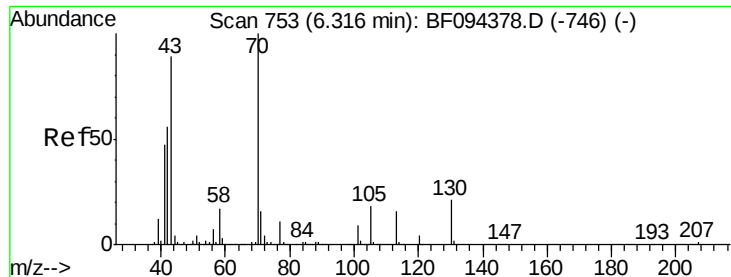


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

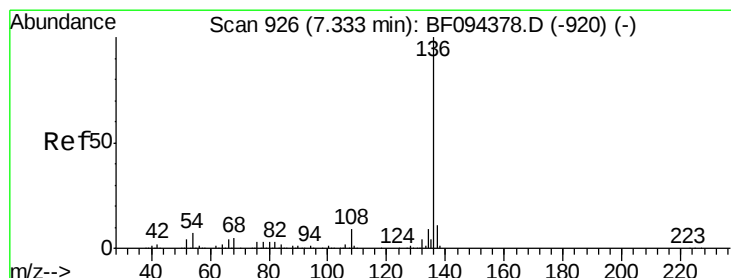
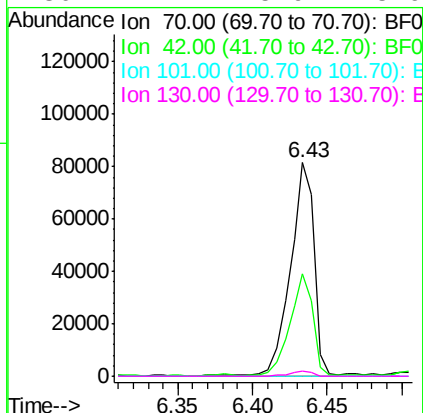
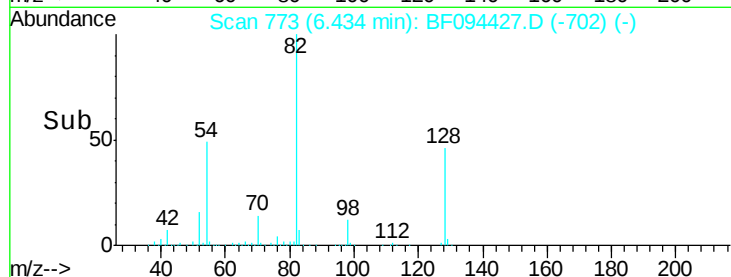
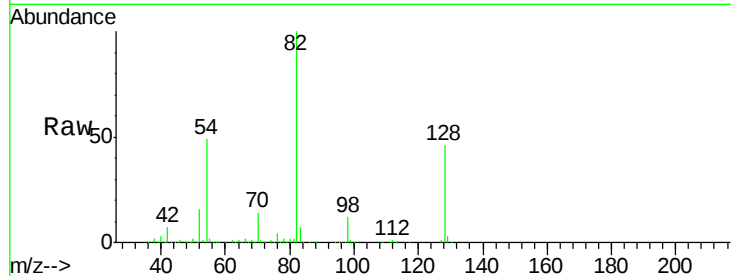




#19
n-Nitroso-di-n-propylamine
Concen: 13.30 ng
RT: 6.43 min Scan# 773
Delta R.T. 0.12 min
Lab File: BF094427.D
Acq: 14 Apr 2017 12:34

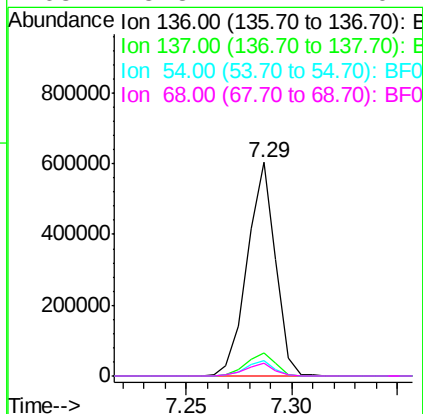
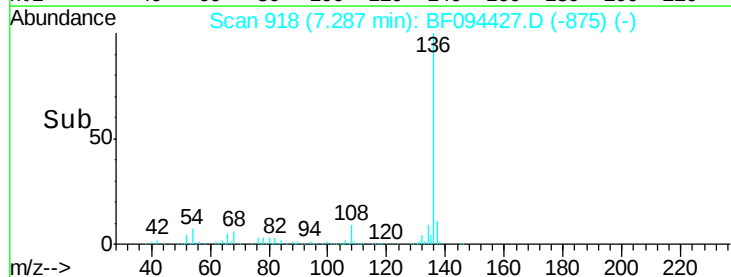
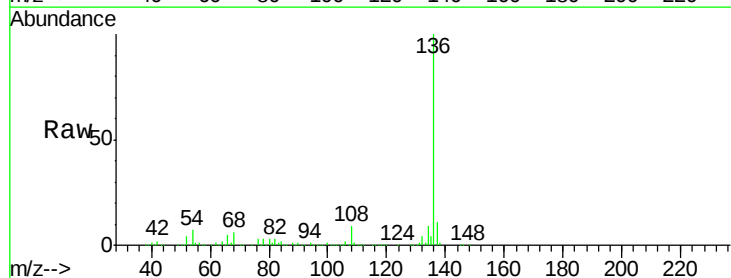
Instrument :
BNA_F
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E2-AA10-SSW-2

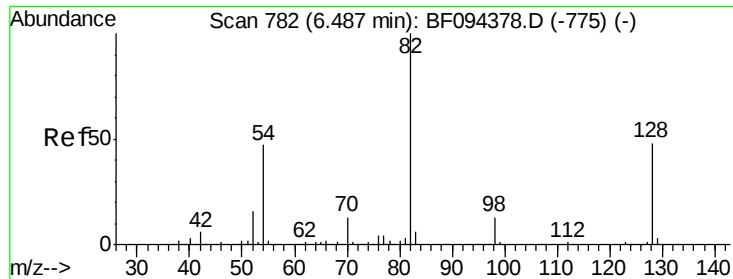
Tgt Ion: 70 Resp: 91562
Ion Ratio Lower Upper
70 100
42 47.8 47.2 70.8
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.29 min Scan# 918
Delta R.T. -0.05 min
Lab File: BF094427.D
Acq: 14 Apr 2017 12:34

Tgt Ion: 136 Resp: 560392
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 7.4 4.9 7.3#
68 5.8 4.1 6.1

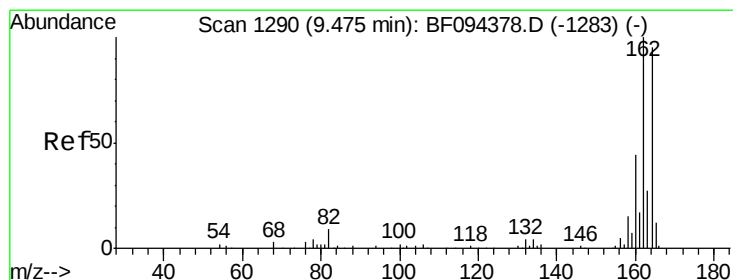
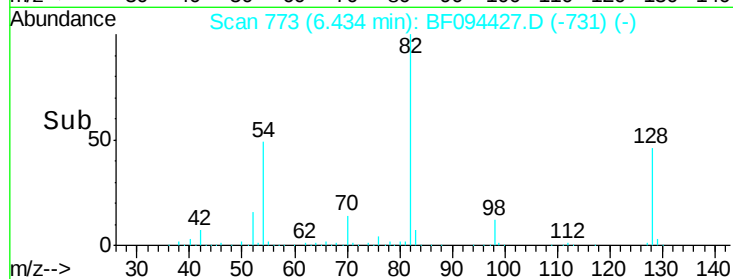
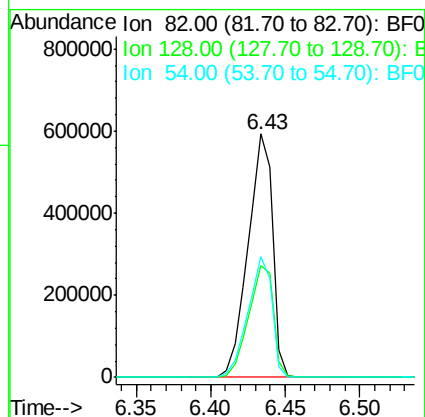
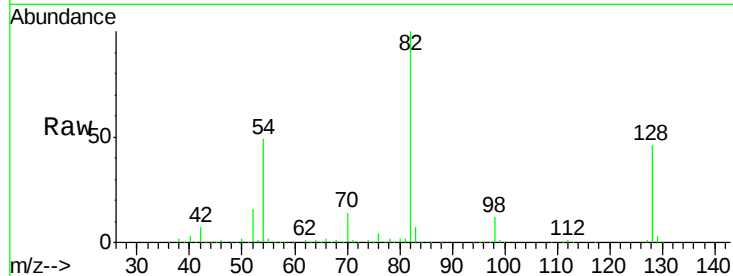




#23
 Nitrobenzene-d5
 Concen: 68.24 ng
 RT: 6.43 min Scan# 773
 Delta R.T. -0.05 min
 Lab File: BF094427.D
 Acq: 14 Apr 2017 12:34

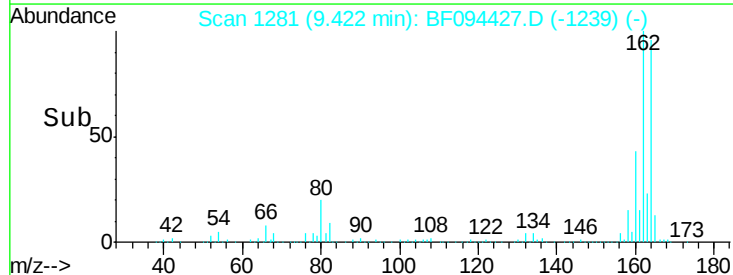
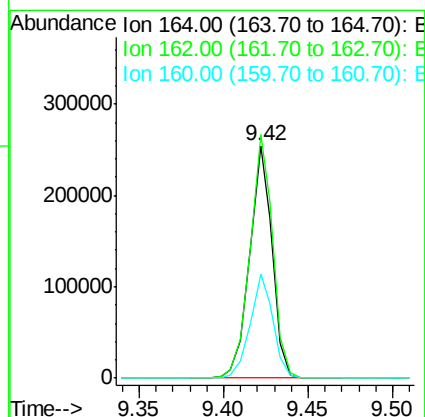
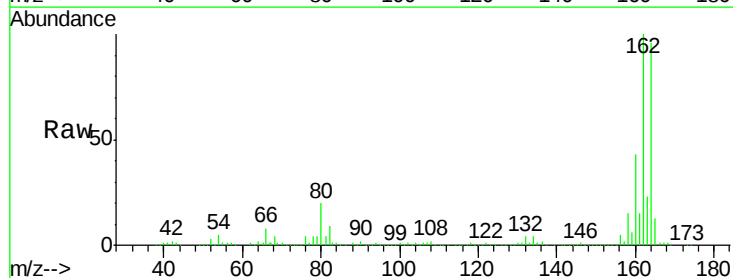
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 ClientSampleId :
 E2-AA10-SSW-2

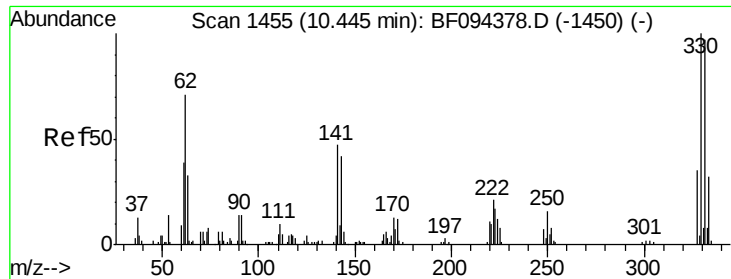
Tgt Ion: 82 Resp: 670128
 Ion Ratio Lower Upper
 82 100
 128 46.0 34.0 51.0
 54 49.4 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.42 min Scan# 1281
 Delta R.T. -0.05 min
 Lab File: BF094427.D
 Acq: 14 Apr 2017 12:34

Tgt Ion: 164 Resp: 236779
 Ion Ratio Lower Upper
 164 100
 162 104.7 82.6 123.8
 160 44.7 36.2 54.2

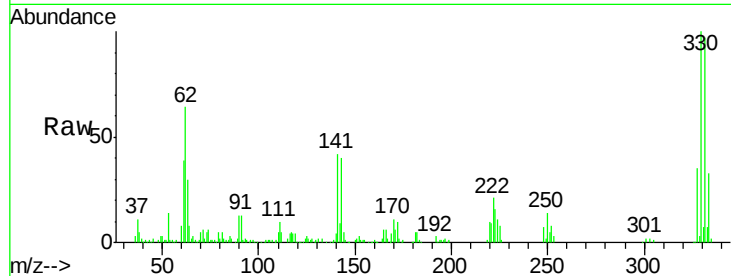




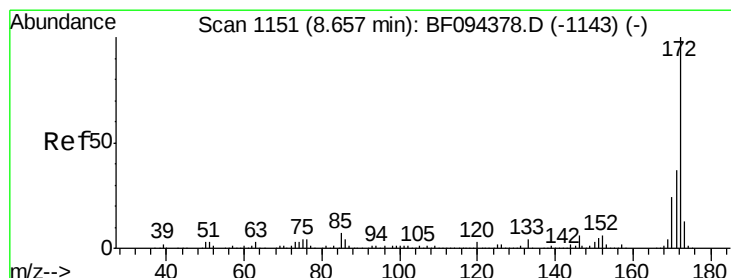
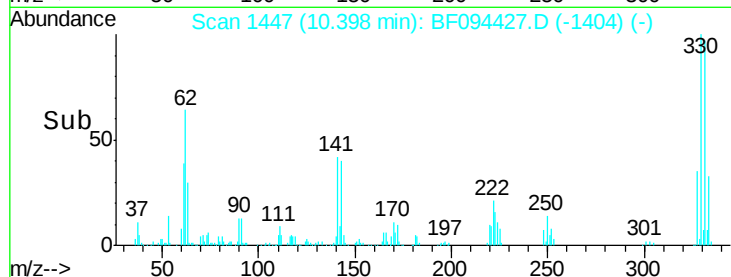
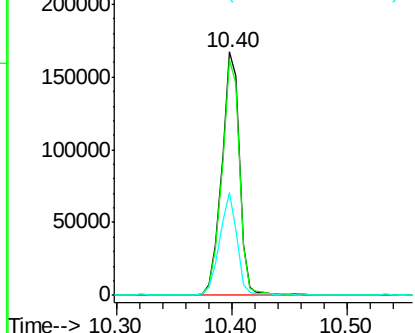
#41
 2,4,6-Tribromophenol
 Concen: 96.13 ng
 RT: 10.40 min Scan# 1447
 Delta R.T. -0.05 min
 Lab File: BF094427.D
 Acq: 14 Apr 2017 12:34

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

Tgt Ion: 330 Resp: 179873
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 39.9 31.4 47.2

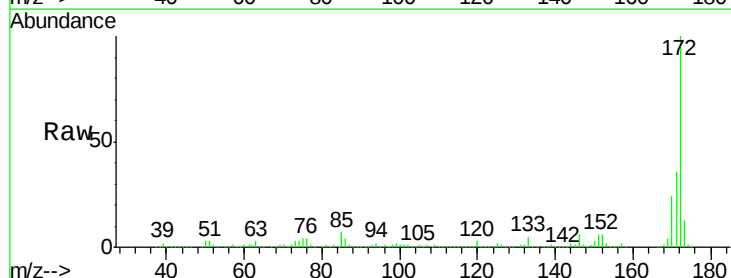


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

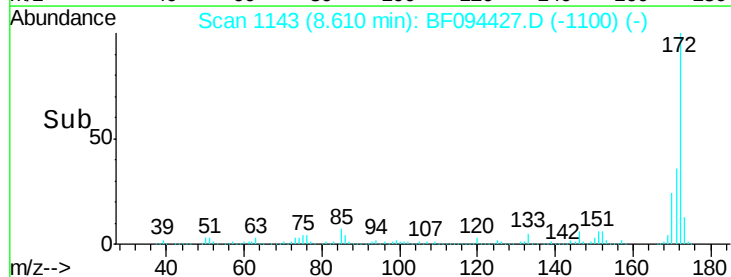
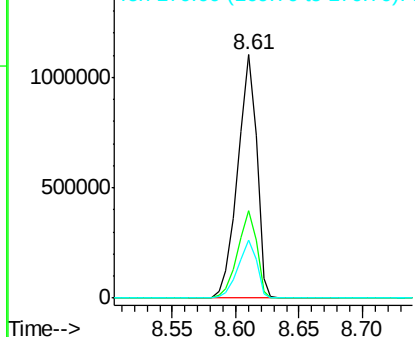


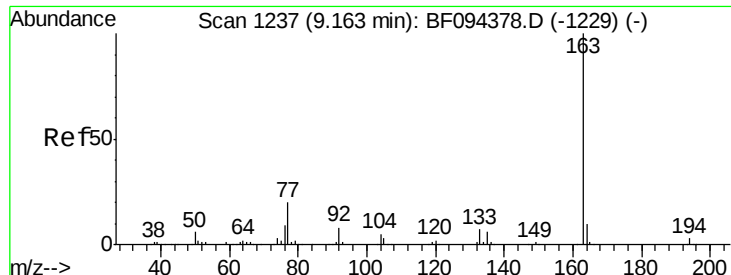
#44
 2-Fluorobiphenyl
 Concen: 73.33 ng
 RT: 8.61 min Scan# 1143
 Delta R.T. -0.05 min
 Lab File: BF094427.D
 Acq: 14 Apr 2017 12:34

Tgt Ion: 172 Resp: 1138294
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.0 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

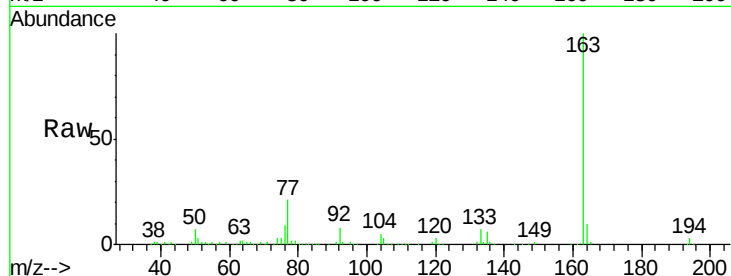




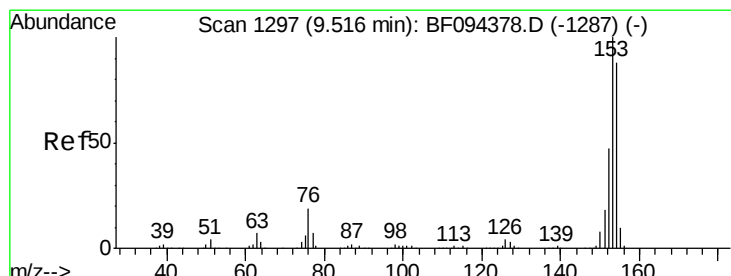
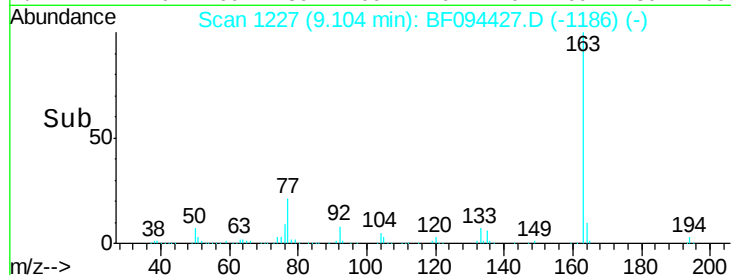
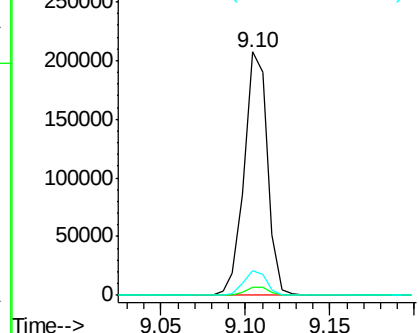
#49
Dimethylphthalate
Concen: 11.87 ng
RT: 9.10 min Scan# 1227
Delta R.T. -0.06 min
Lab File: BF094427.D
Acq: 14 Apr 2017 12:34

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

Tgt Ion:163 Resp: 199794
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.2 8.4 12.6

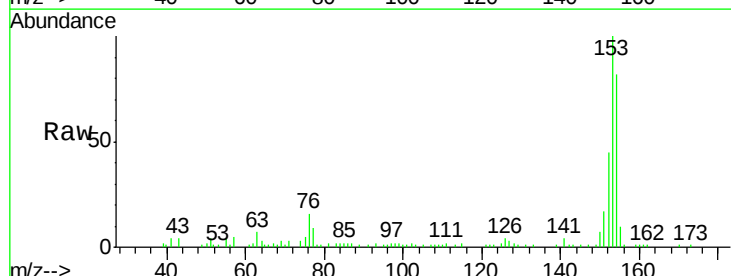


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

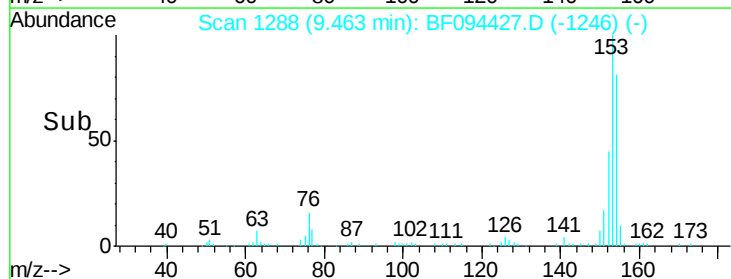
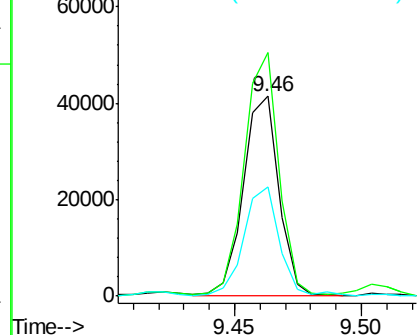


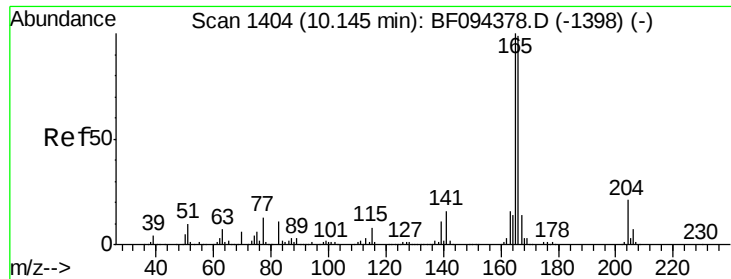
#51
Acenaphthene
Concen: 2.82 ng
RT: 9.46 min Scan# 1288
Delta R.T. -0.05 min
Lab File: BF094427.D
Acq: 14 Apr 2017 12:34

Tgt Ion:154 Resp: 40903
Ion Ratio Lower Upper
154 100
153 121.7 90.5 135.7
152 54.3 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

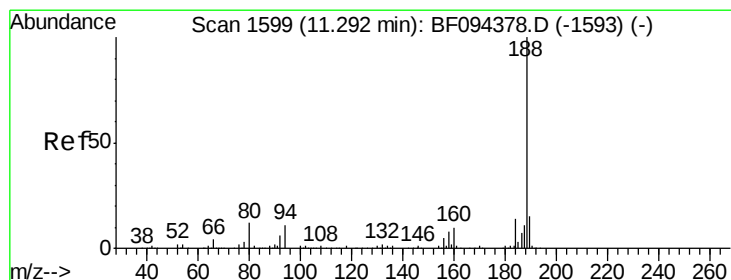
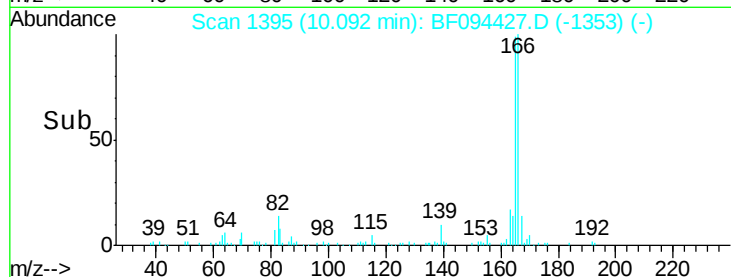
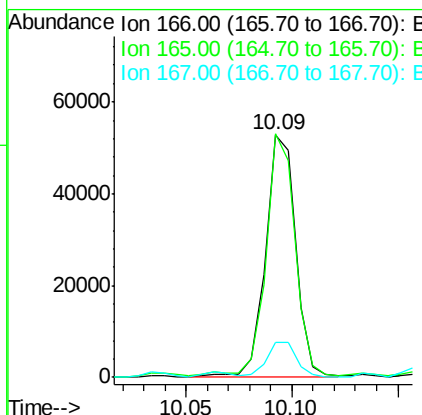
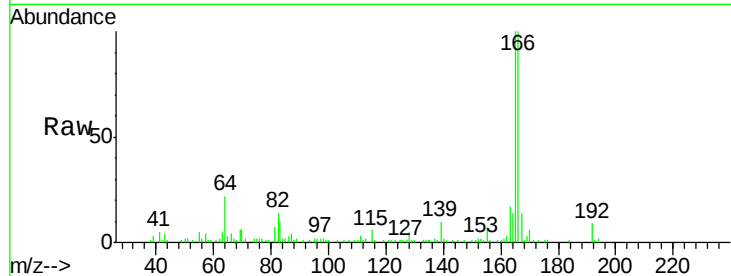




#57
 Fluorene
 Concen: 3.23 ng
 RT: 10.09 min Scan# 1395
 Delta R.T. -0.05 min
 Lab File: BF094427.D
 Acq: 14 Apr 2017 12:34

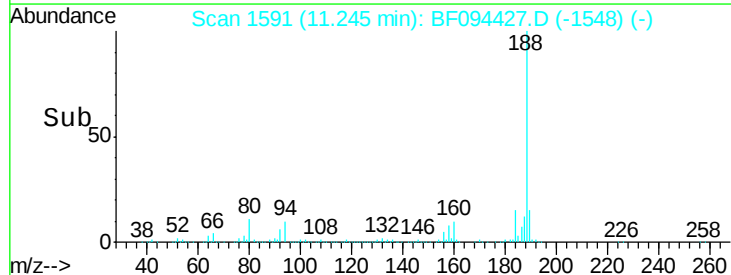
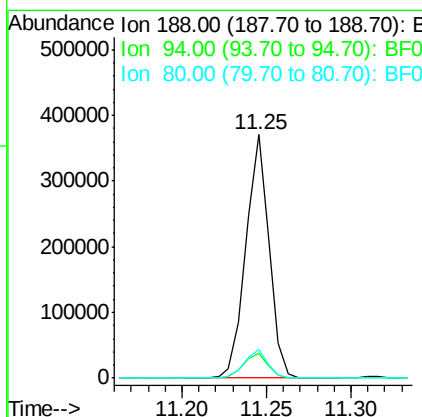
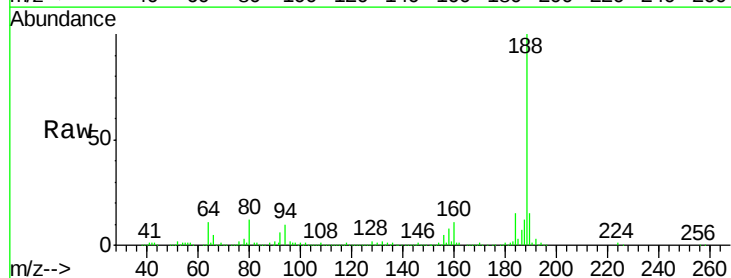
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 E2-AA10-SSW-2

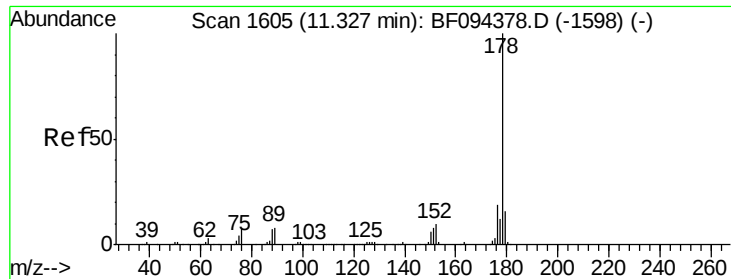
Tgt Ion:166 Resp: 52866
 Ion Ratio Lower Upper
 166 100
 165 100.2 78.8 118.2
 167 14.3 10.6 16.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 1591
 Delta R.T. -0.05 min
 Lab File: BF094427.D
 Acq: 14 Apr 2017 12:34

Tgt Ion:188 Resp: 356584
 Ion Ratio Lower Upper
 188 100
 94 10.3 9.4 14.2
 80 11.5 10.2 15.2

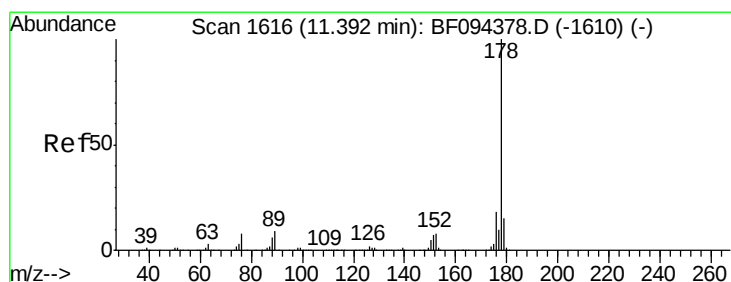
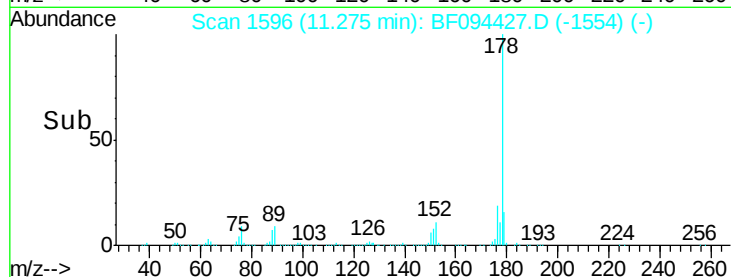
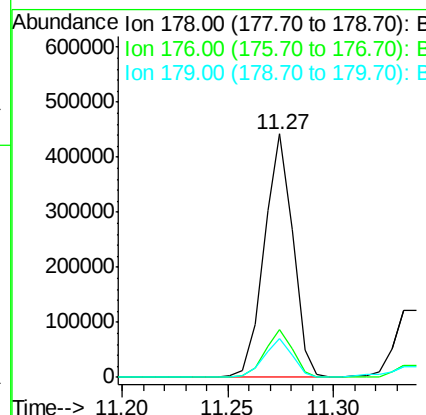
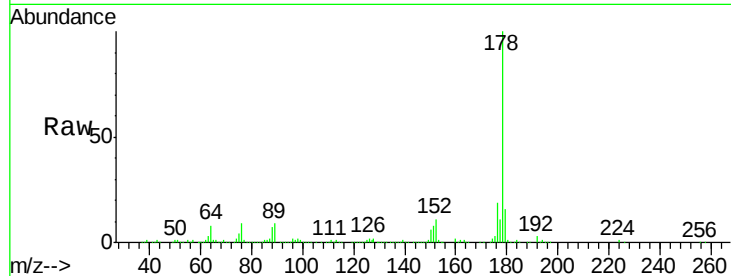




#70
Phenanthrene
Concen: 21.07 ng
RT: 11.27 min Scan# 1596
Delta R.T. -0.05 min
Lab File: BF094427.D
Acq: 14 Apr 2017 12:34

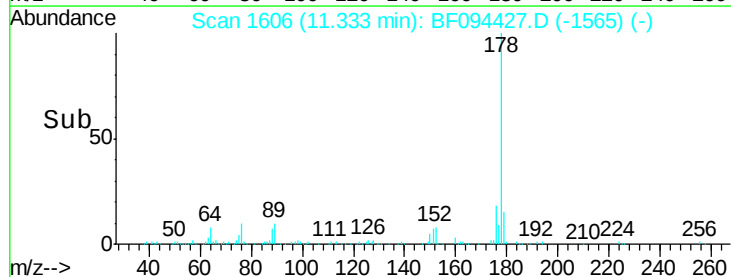
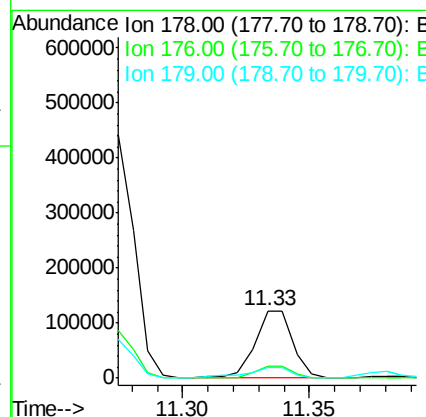
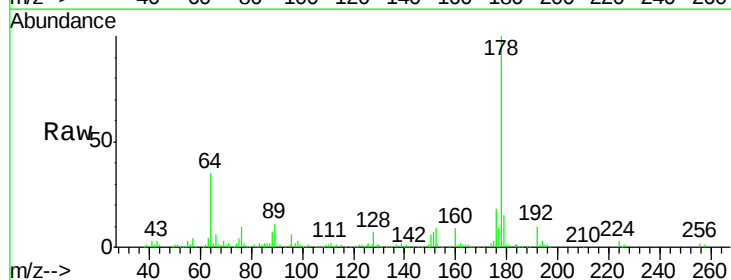
Instrument :
BNA_F
ClientSampleId :
E2-AA10-SSW-2

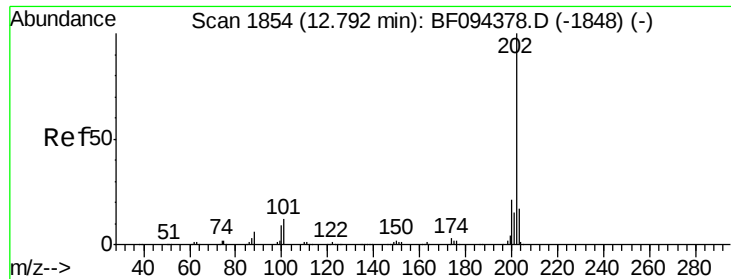
Tgt Ion:178 Resp: 417870
Ion Ratio Lower Upper
178 100
176 19.4 16.2 24.4
179 15.7 12.6 19.0



#71
Anthracene
Concen: 6.14 ng
RT: 11.33 min Scan# 1606
Delta R.T. -0.06 min
Lab File: BF094427.D
Acq: 14 Apr 2017 12:34

Tgt Ion:178 Resp: 125425
Ion Ratio Lower Upper
178 100
176 17.6 15.8 23.8
179 15.4 12.7 19.1





#74

Fluoranthene

Concen: 29.66 ng

RT: 12.75 min Scan# 1847

Delta R.T. -0.04 min

Lab File: BF094427.D

Acq: 14 Apr 2017 12:34

Instrument :

BNA_F

ClientSampleId :

E2-AA10-SSW-2

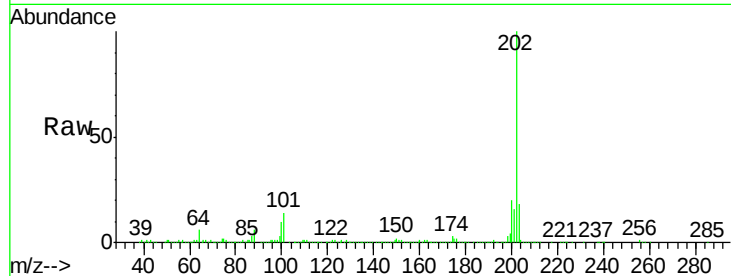
Tgt Ion:202 Resp: 602514

Ion Ratio Lower Upper

202 100

101 13.7 0.0 33.2

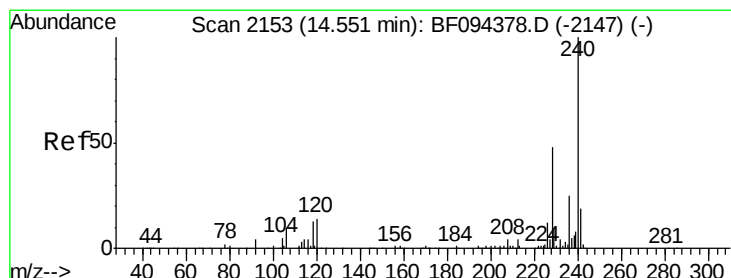
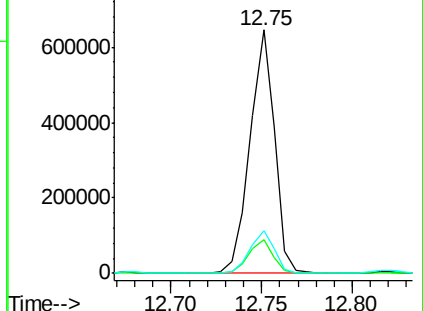
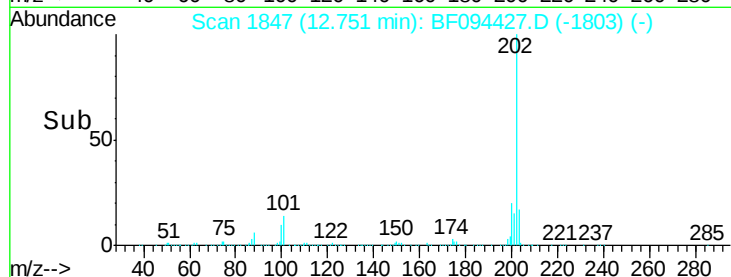
203 17.5 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.50 min Scan# 2144

Delta R.T. -0.05 min

Lab File: BF094427.D

Acq: 14 Apr 2017 12:34

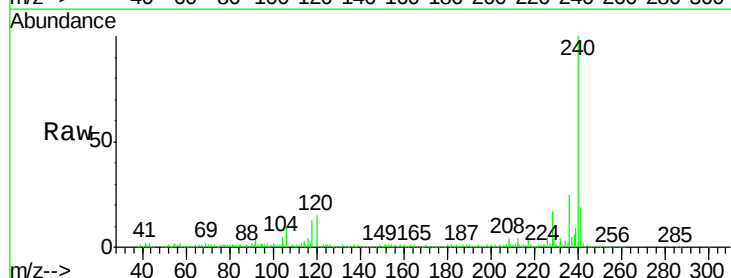
Tgt Ion:240 Resp: 264814

Ion Ratio Lower Upper

240 100

120 15.1 5.8 8.8#

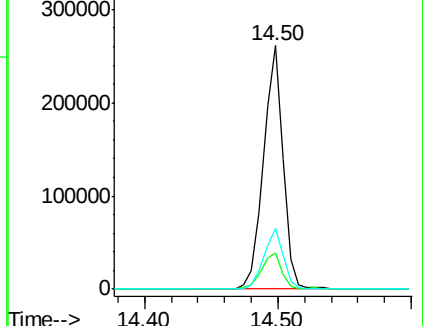
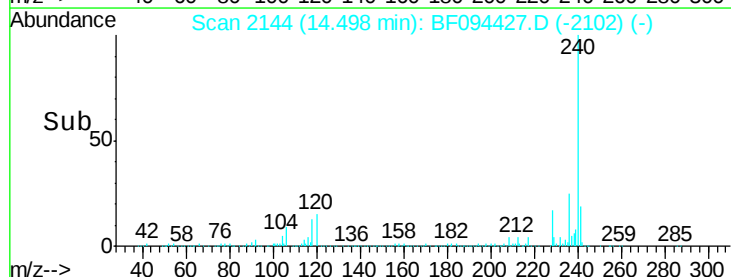
236 25.1 20.5 30.7

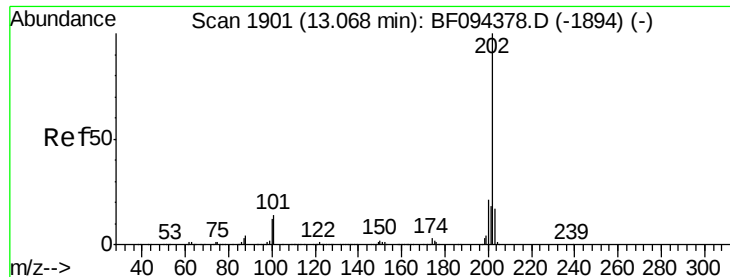


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 27.22 ng

RT: 13.02 min Scan# 1892

Delta R.T. -0.05 min

Lab File: BF094427.D

Acq: 14 Apr 2017 12:34

Instrument :

BNA_F

ClientSampleId :

E2-AA10-SSW-2

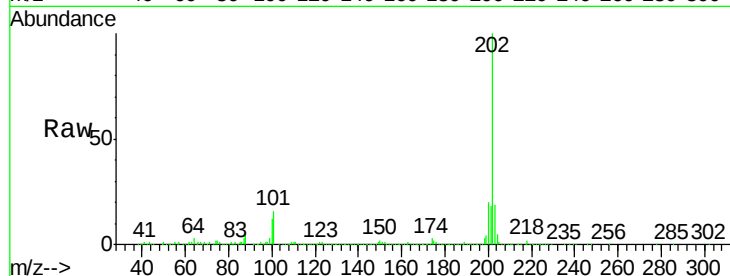
Tgt Ion:202 Resp: 523077

Ion Ratio Lower Upper

202 100

200 20.3 17.6 26.4

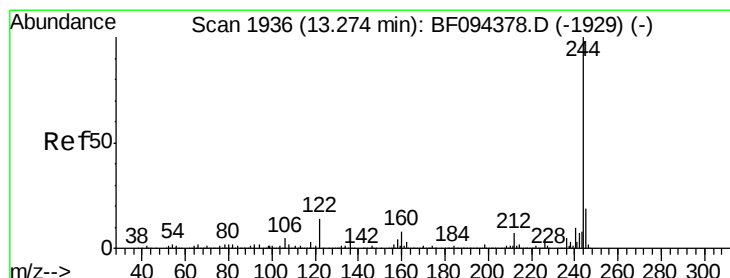
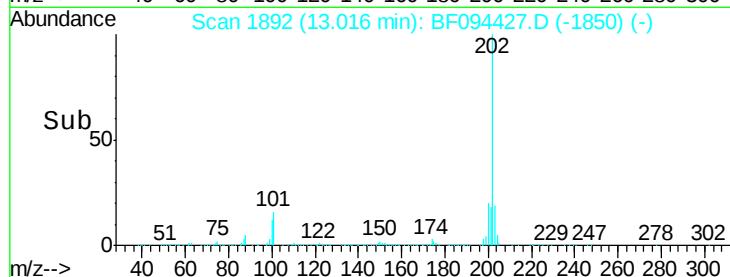
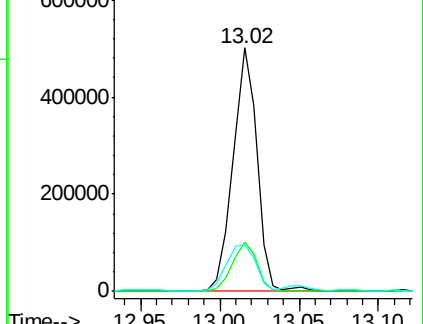
203 19.3 14.4 21.6



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: 57.54 ng

RT: 13.23 min Scan# 1928

Delta R.T. -0.05 min

Lab File: BF094427.D

Acq: 14 Apr 2017 12:34

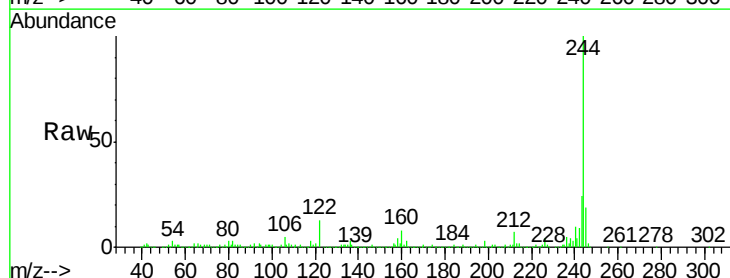
Tgt Ion:244 Resp: 679762

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

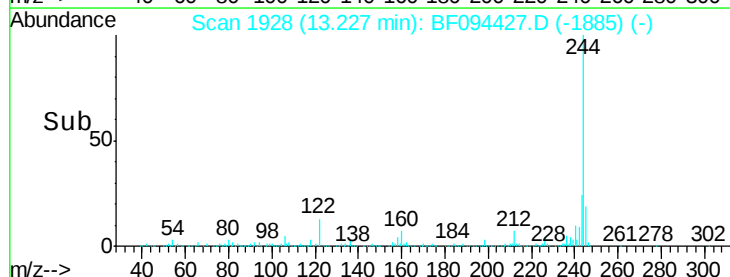
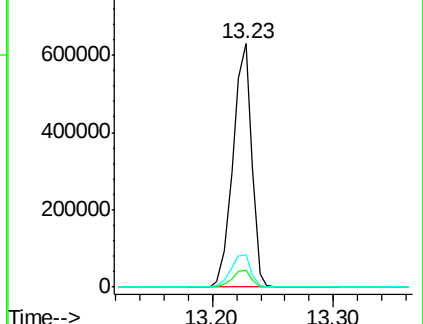
122 13.2 10.3 15.5

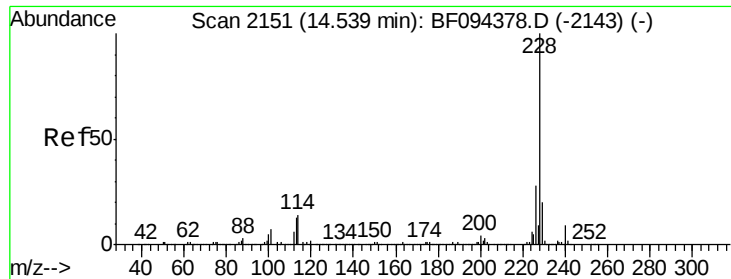


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

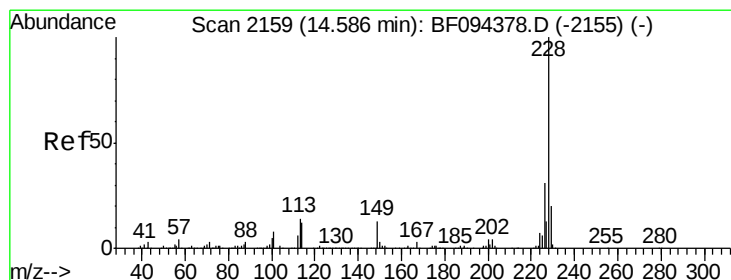
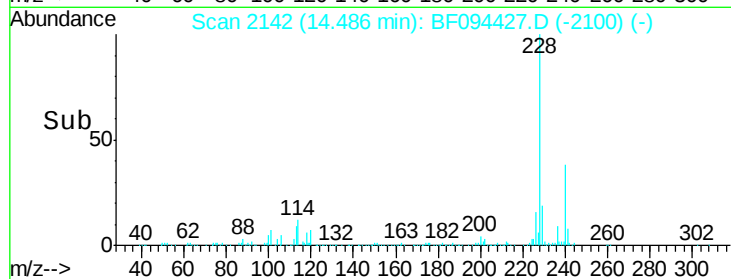
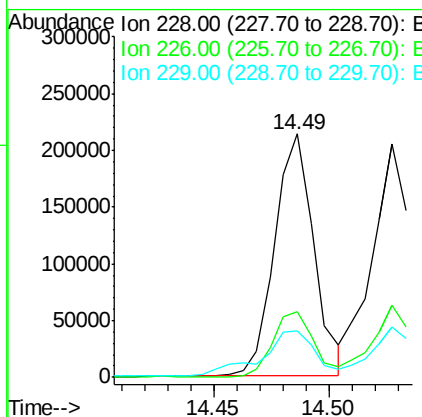
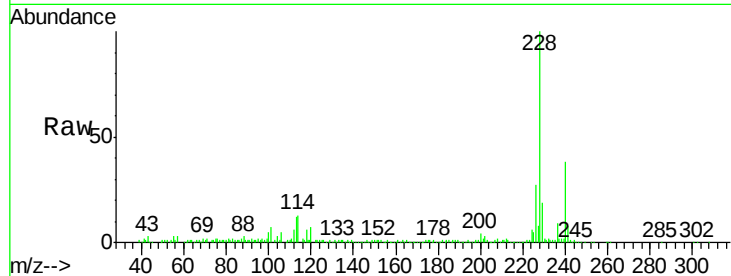




#80
Benzo(a)anthracene
Concen: 16.29 ng
RT: 14.49 min Scan# 2142
Delta R.T. -0.05 min
Lab File: BF094427.D
Acq: 14 Apr 2017 12:34

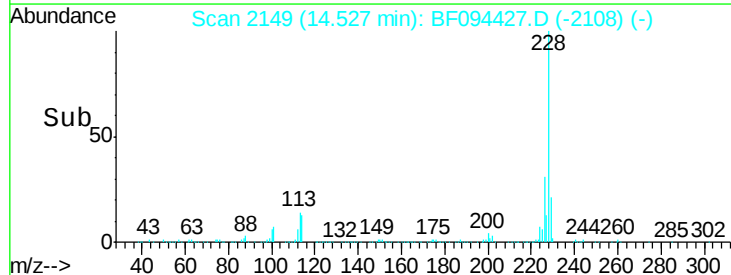
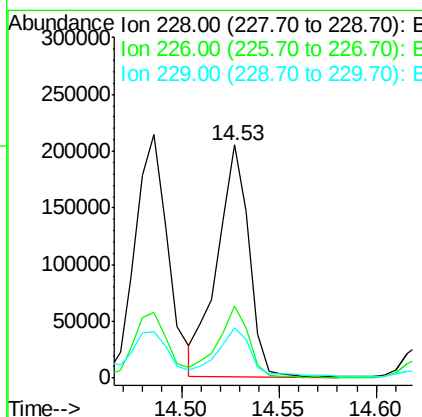
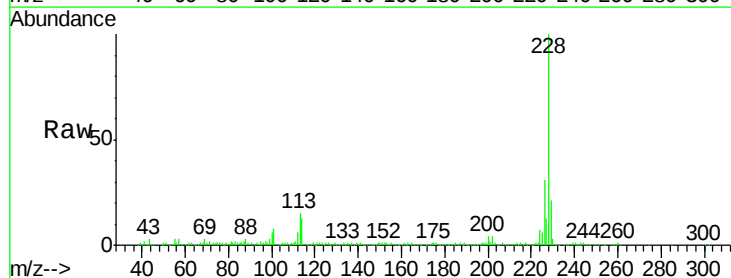
Instrument :
BNA_F
ClientSampleId :
E2-AA10-SSW-2

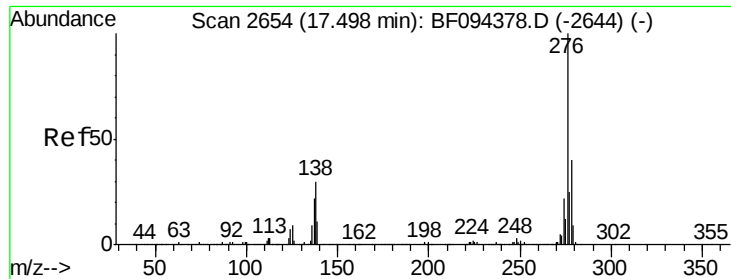
Tgt Ion:228 Resp: 251524
Ion Ratio Lower Upper
228 100
226 27.1 22.6 33.8
229 19.2 16.3 24.5



#82
Chrysene
Concen: 16.06 ng
RT: 14.53 min Scan# 2149
Delta R.T. -0.06 min
Lab File: BF094427.D
Acq: 14 Apr 2017 12:34

Tgt Ion:228 Resp: 230138
Ion Ratio Lower Upper
228 100
226 30.7 24.9 37.3
229 21.4 15.8 23.6

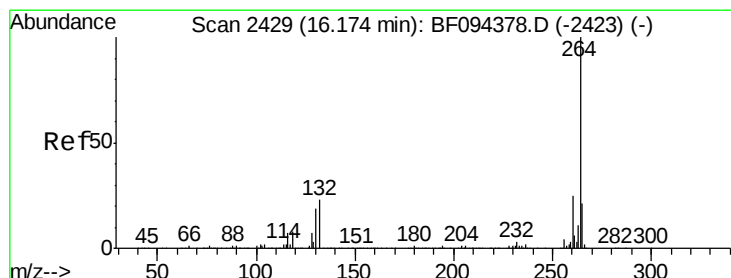
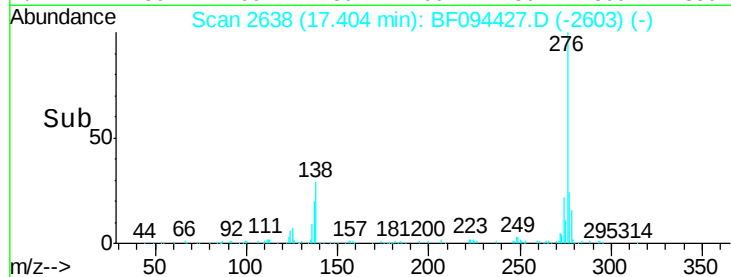
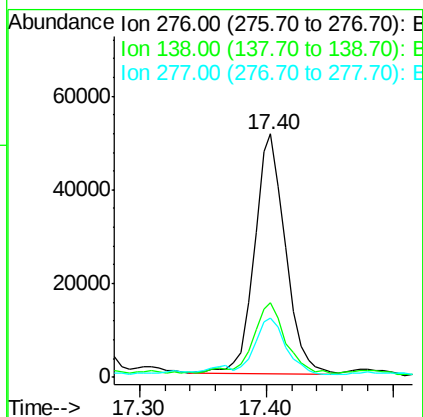
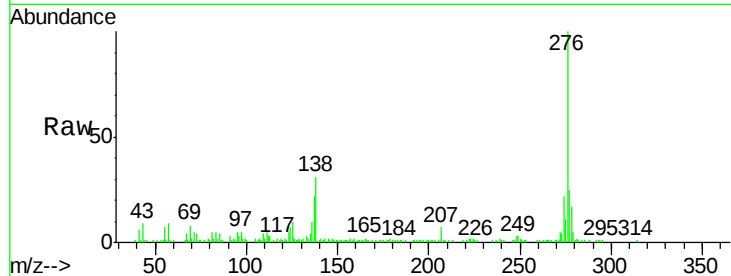




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 7.01 ng
 RT: 17.40 min Scan# 2638
 Delta R.T. -0.09 min
 Lab File: BF094427.D
 Acq: 14 Apr 2017 12:34

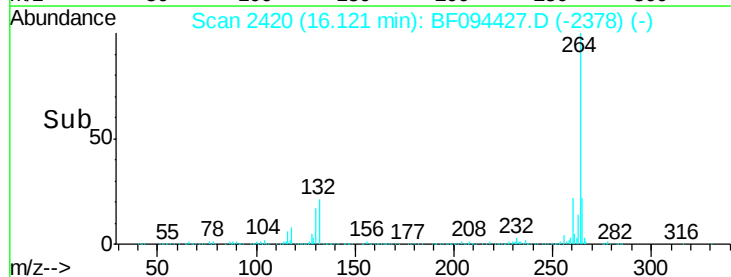
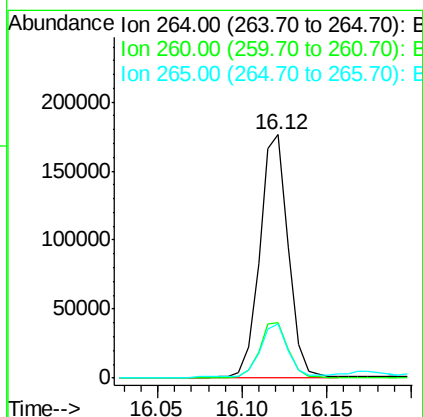
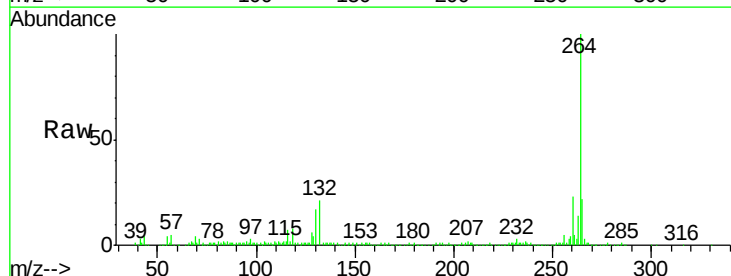
Instrument :
 BNA_F
 ClientSampleId :
 E2-AA10-SSW-2

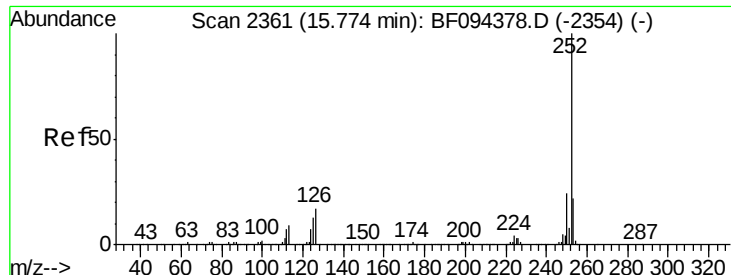
Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.7	27.8	41.6
277	24.0	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.12 min Scan# 2420
 Delta R.T. -0.05 min
 Lab File: BF094427.D
 Acq: 14 Apr 2017 12:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	22.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 26.07 ng

RT: 15.72 min Scan# 2352

Delta R.T. -0.05 min

Lab File: BF094427.D

Acq: 14 Apr 2017 12:34

Instrument :

BNA_F

ClientSampleId :

E2-AA10-SSW-2

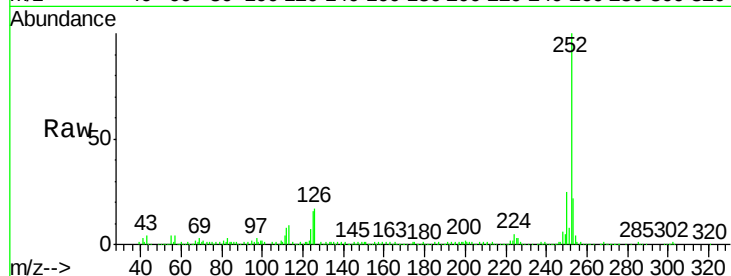
Tgt Ion:252 Resp: 329978

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

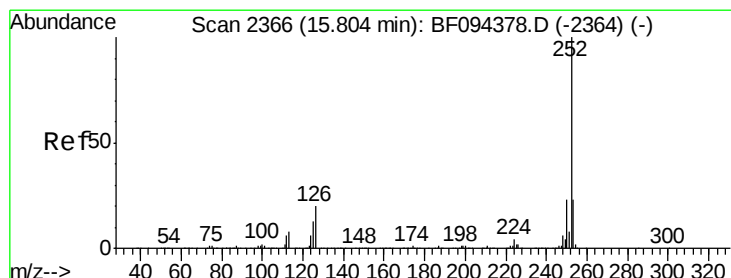
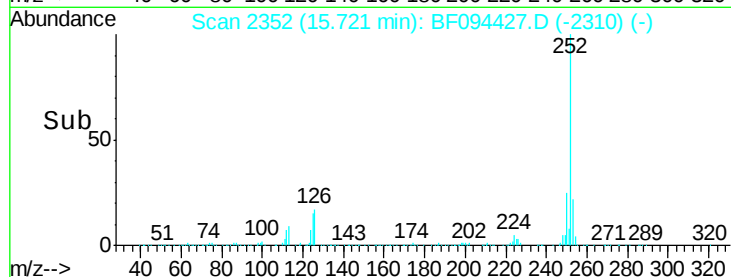
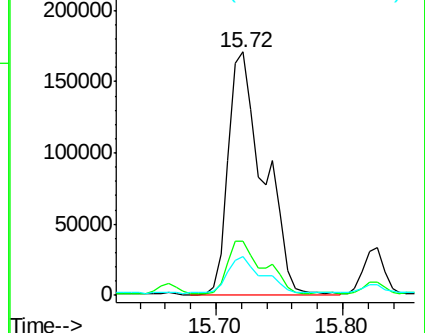
125 16.2 9.8 14.8#



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: 26.64 ng

RT: 15.72 min Scan# 2352

Delta R.T. -0.08 min

Lab File: BF094427.D

Acq: 14 Apr 2017 12:34

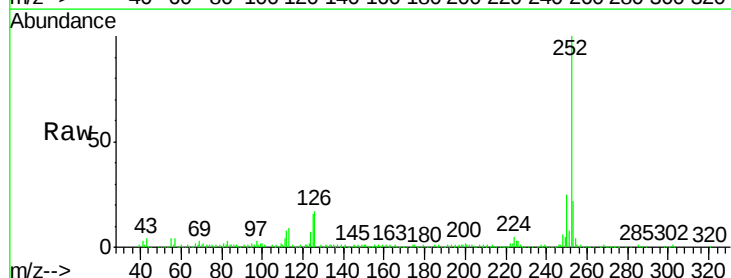
Tgt Ion:252 Resp: 329978

Ion Ratio Lower Upper

252 100

253 22.3 18.4 27.6

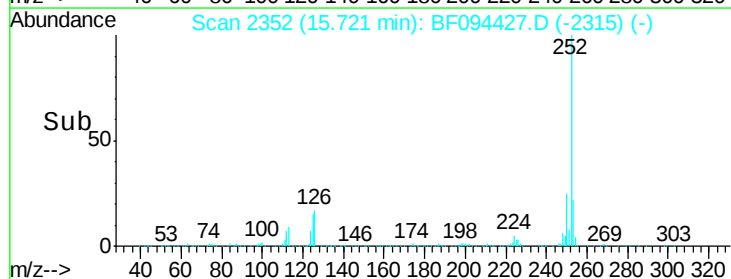
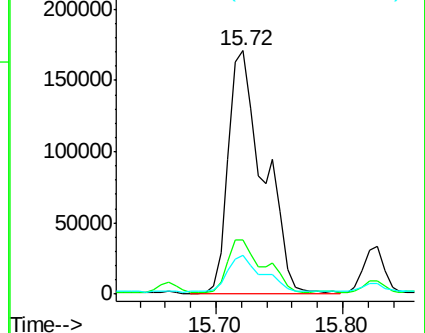
125 16.2 13.1 19.7

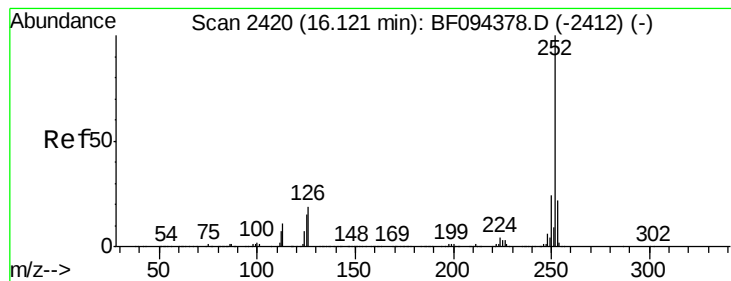


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 14.36 ng

RT: 16.06 min Scan# 2410

Delta R.T. -0.06 min

Lab File: BF094427.D

Acq: 14 Apr 2017 12:34

Instrument :

BNA_F

ClientSampleId :

E2-AA10-SSW-2

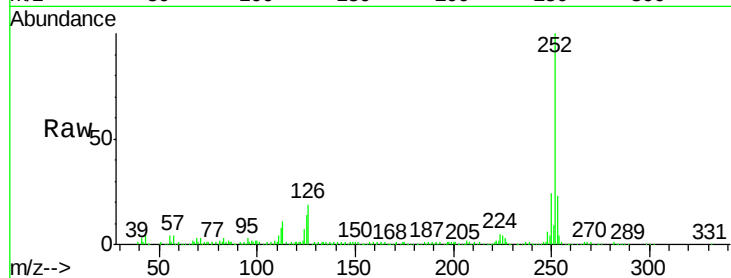
Tgt Ion:252 Resp: 167357

Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

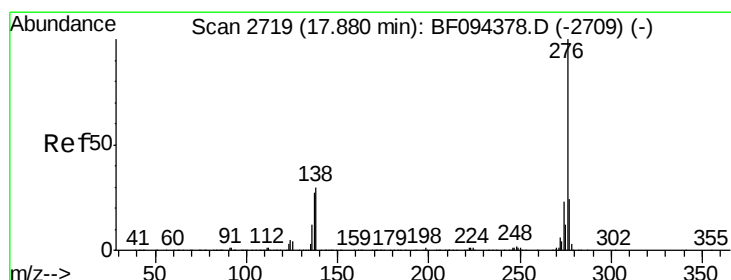
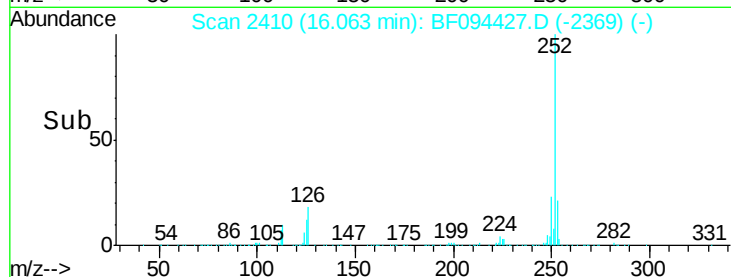
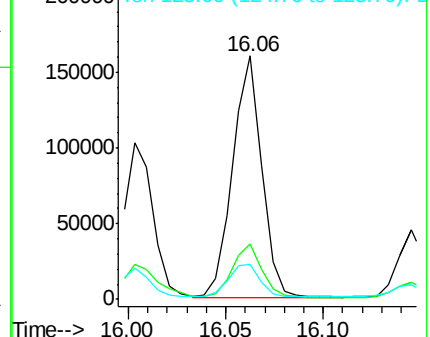
125 14.2 11.0 16.4



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



#91

Benzo(g,h,i)perylene

Concen: 7.83 ng

RT: 17.78 min Scan# 2702

Delta R.T. -0.10 min

Lab File: BF094427.D

Acq: 14 Apr 2017 12:34

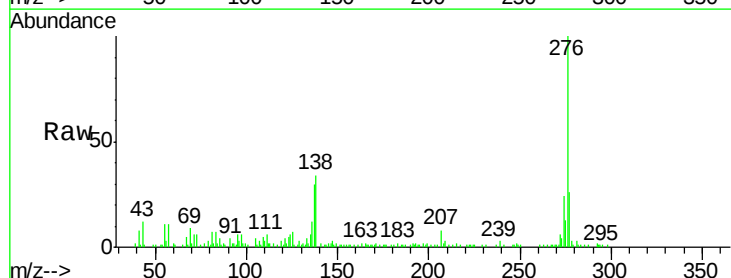
Tgt Ion:276 Resp: 77925

Ion Ratio Lower Upper

276 100

277 25.6 18.6 28.0

138 33.9 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

