

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030117\
 Data File : BF093311.D
 Acq On : 2 Mar 2017 1:24
 Operator : SJ/MA
 Sample : I1995-01 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 U-1

Quant Time: Mar 02 02:08:07 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

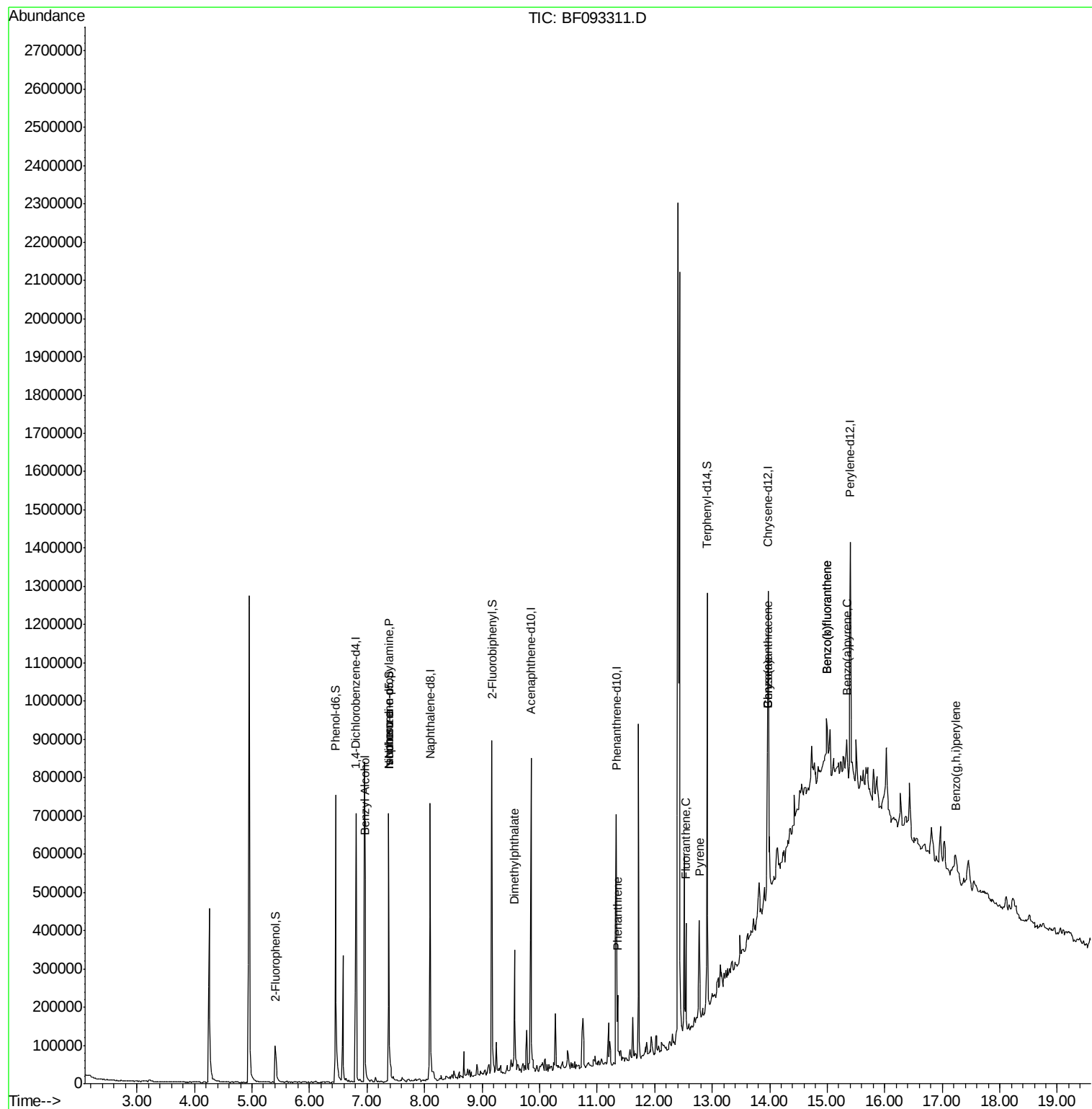
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	120744	20.00	ng	-0.05
21) Naphthalene-d8	8.10	136	442376	20.00	ng	-0.05
38) Acenaphthene-d10	9.85	164	184079	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	290775	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	293747	20.00	ng	-0.05
86) Perylene-d12	15.40	264	241745	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	49521	7.04	ng	-0.05
7) Phenol-d6	6.45	99	312134	34.47	ng	-0.03
23) Nitrobenzene-d5	7.38	82	266477	33.54	ng	-0.05
41) 2,4,6-Tribromophenol	10.65	330	812	0.61	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	450585	44.35	ng	-0.05
78) Terphenyl-d14	12.91	244	326589	26.12	ng	-0.06
Target Compounds						
15) Benzyl Alcohol	6.97	79	14850	2.22	ng	# 81
19) n-Nitroso-di-n-propylamine	7.38	70	34767	6.03	ng	# 78
25) Isophorone	7.38	82	214843	14.51	ng	# 65
49) Dimethylphthalate	9.56	163	137392	11.08	ng	98
70) Phenanthrene	11.36	178	71739	4.31	ng	98
74) Fluoranthene	12.55	202	115877	6.74	ng	95
77) Pyrene	12.77	202	105948	4.82	ng	98
80) Benzo(a)anthracene	13.96	228	52301	2.91	ng	93
82) Chrysene	13.96	228	52301	3.11	ng	97
87) Benzo(b)fluoranthene	14.99	252	84074	5.28	ng	# 66
88) Benzo(k)fluoranthene	14.99	252	84074	6.12	ng	# 66
89) Benzo(a)pyrene	15.35	252	41750	3.03	ng	# 78
91) Benzo(g,h,i)perylene	17.23	276	23008	2.05	ng	# 76

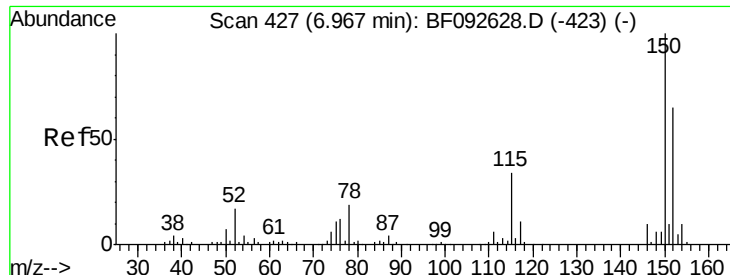
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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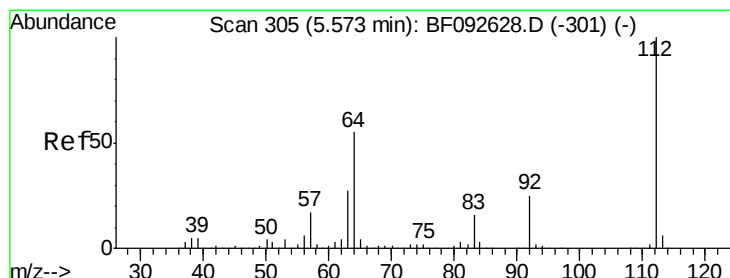
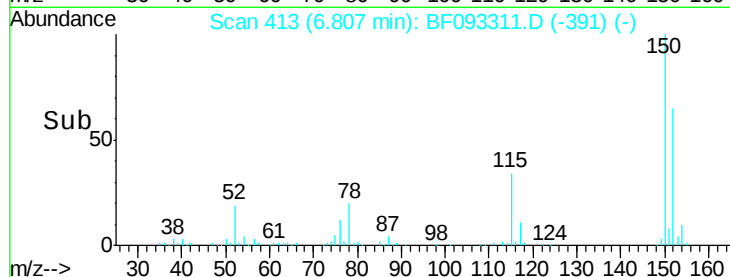
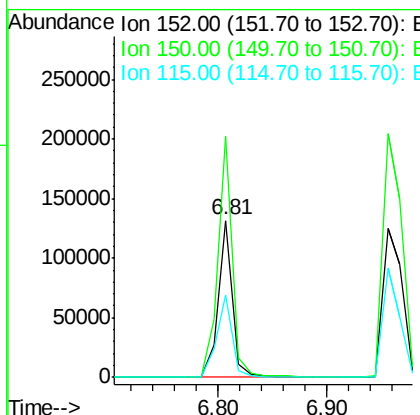
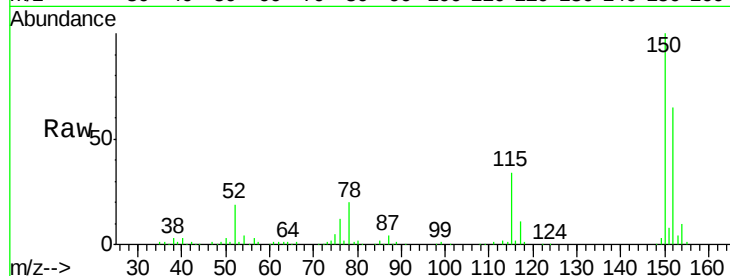




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.05 min
 Lab File: BF093311.D
 Acq: 2 Mar 2017 1:24

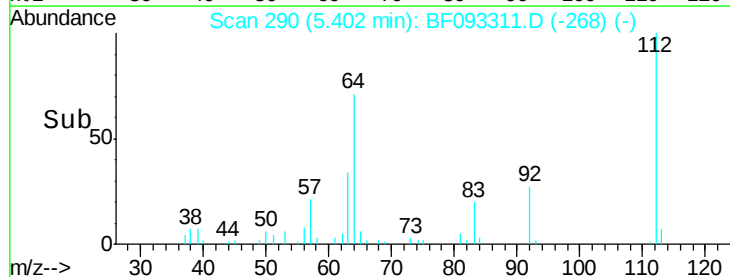
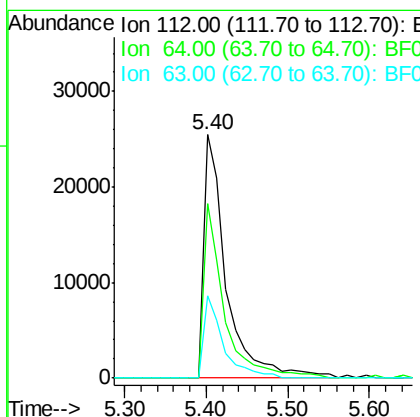
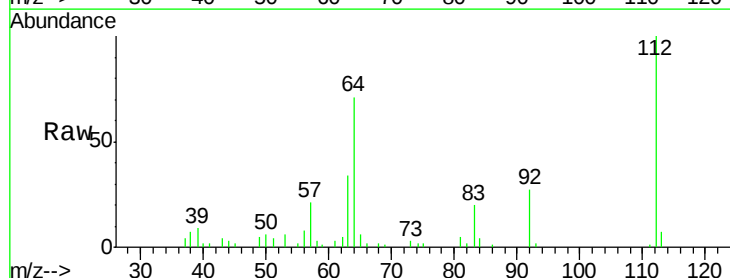
Instrument :
 BNA_F
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 U-1

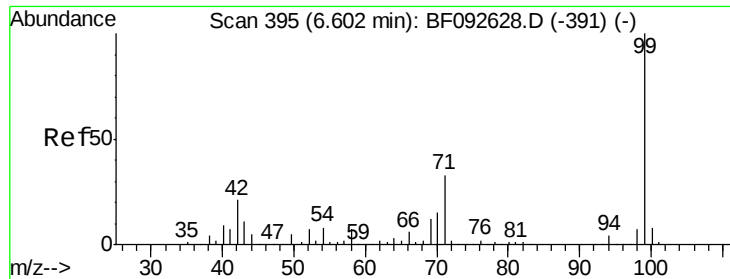
Tgt Ion:152 Resp: 120744
 Ion Ratio Lower Upper
 152 100
 150 153.8 124.9 187.3
 115 52.9 46.0 69.0



#5
 2-Fluorophenol
 Concen: 7.04 ng
 RT: 5.40 min Scan# 290
 Delta R.T. -0.05 min
 Lab File: BF093311.D
 Acq: 2 Mar 2017 1:24

Tgt Ion:112 Resp: 49521
 Ion Ratio Lower Upper
 112 100
 64 71.5 46.1 69.1#
 63 34.0 23.8 35.6





#7

Phenol-d6

Concen: 34.47 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.03 min

Lab File: BF093311.D

Acq: 2 Mar 2017 1:24

Instrument :

BNA_F

ClientSampleId :

U-1

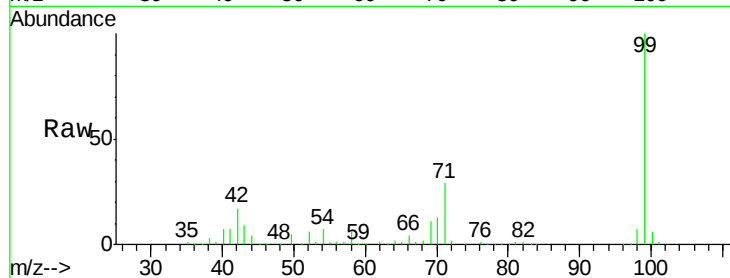
Tgt Ion: 99 Resp: 312134

Ion Ratio Lower Upper

99 100

42 17.0 15.6 23.4

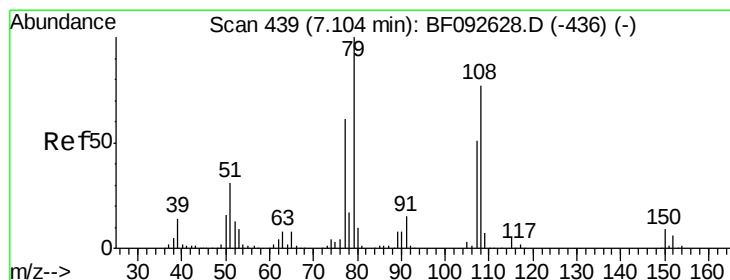
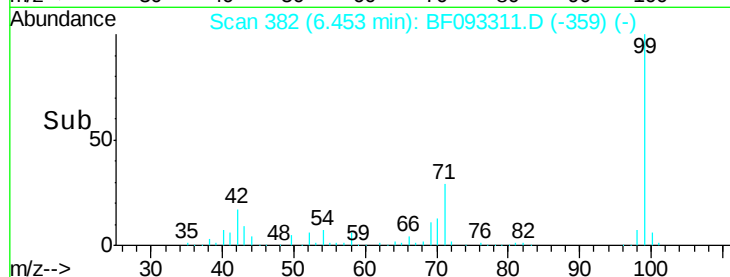
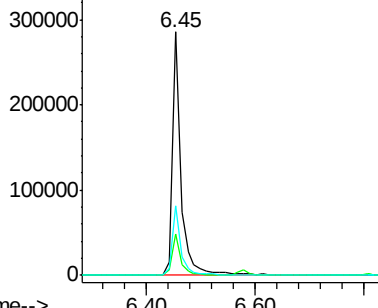
71 28.8 27.5 41.3



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



#15

Benzyl Alcohol

Concen: 2.22 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.03 min

Lab File: BF093311.D

Acq: 2 Mar 2017 1:24

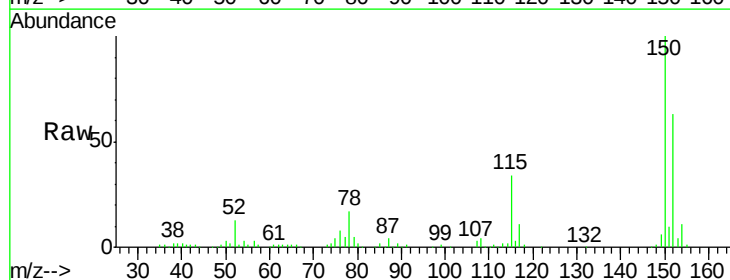
Tgt Ion: 79 Resp: 14850

Ion Ratio Lower Upper

79 100

108 66.5 61.4 92.0

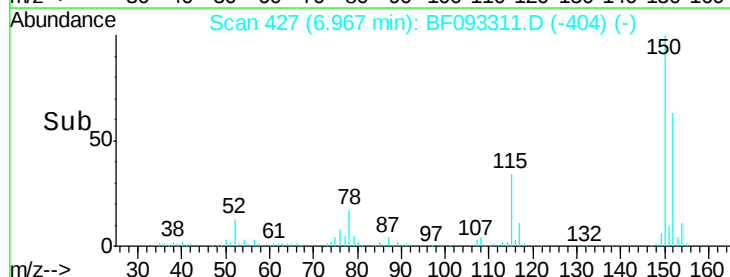
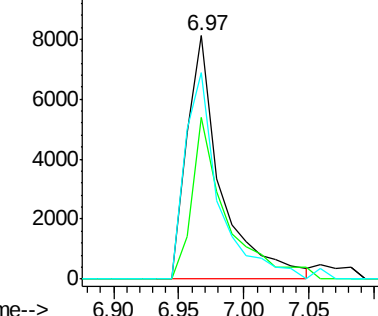
77 84.7 50.9 76.3#

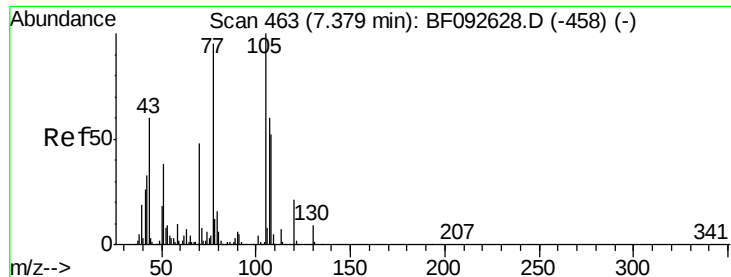


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

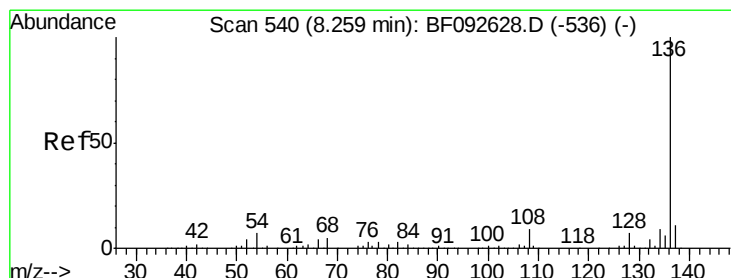
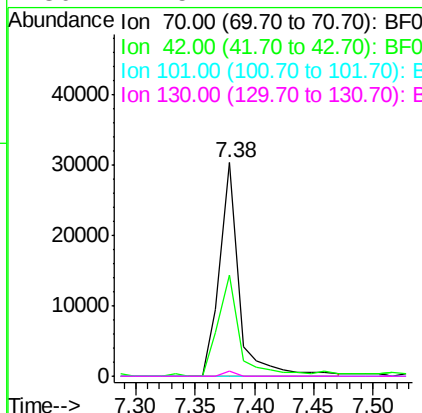
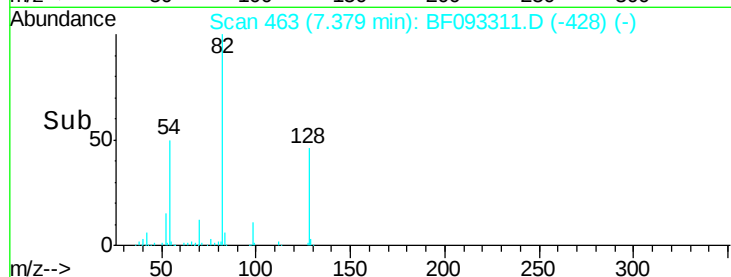
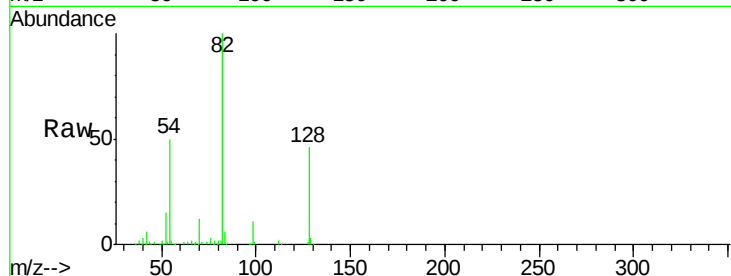




#19
n-Nitroso-di-n-propylamine
Concen: 6.03 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.10 min
Lab File: BF093311.D
Acq: 2 Mar 2017 1:24

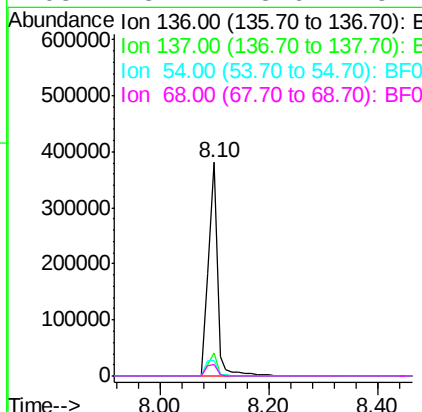
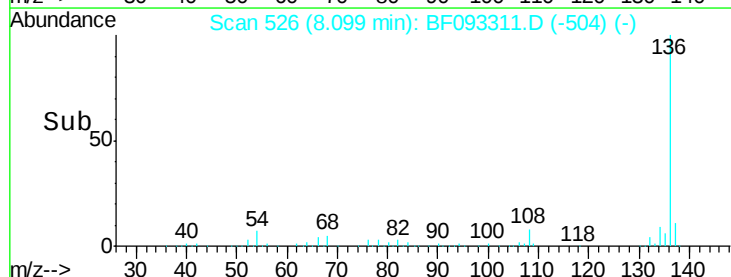
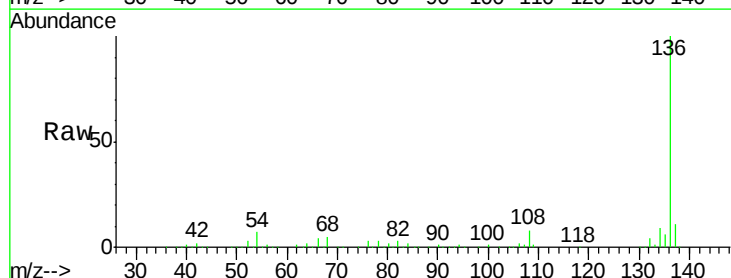
Instrument :
BNA_F
ClientSampleId :
U-1

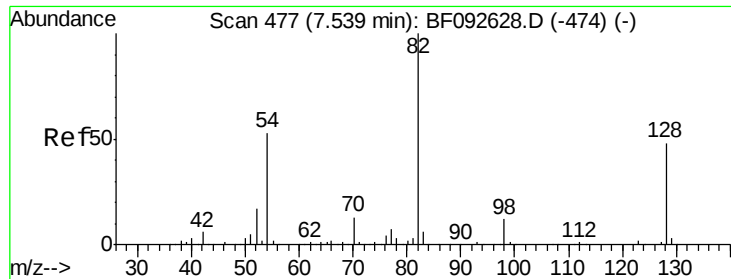
Tgt Ion: 70 Resp: 34767
Ion Ratio Lower Upper
70 100
42 47.6 49.4 74.0#
101 0.0 7.4 11.2#
130 2.5 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF093311.D
Acq: 2 Mar 2017 1:24

Tgt Ion: 136 Resp: 442376
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.4 4.5 6.7#
68 5.4 3.6 5.4#

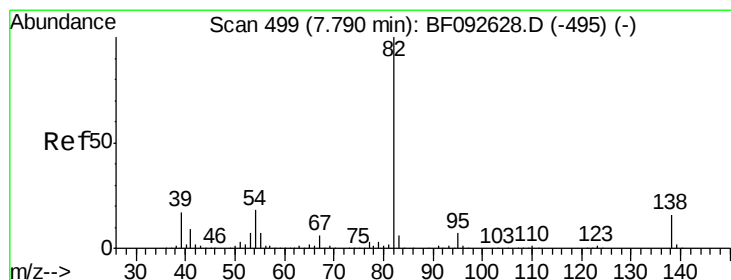
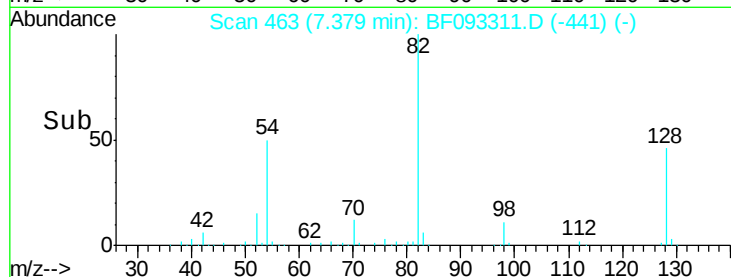
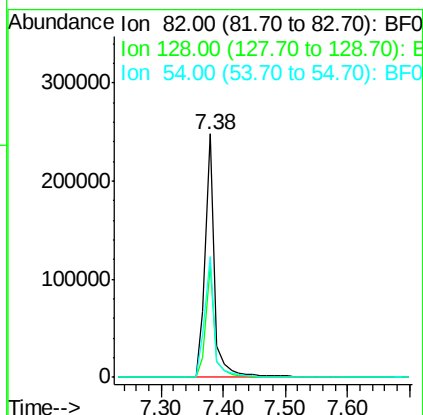
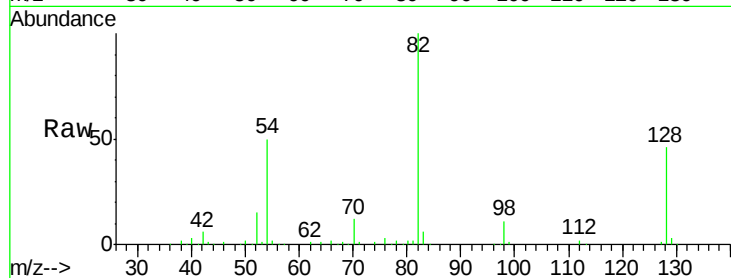




#23
 Nitrobenzene-d5
 Concen: 33.54 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.05 min
 Lab File: BF093311.D
 Acq: 2 Mar 2017 1:24

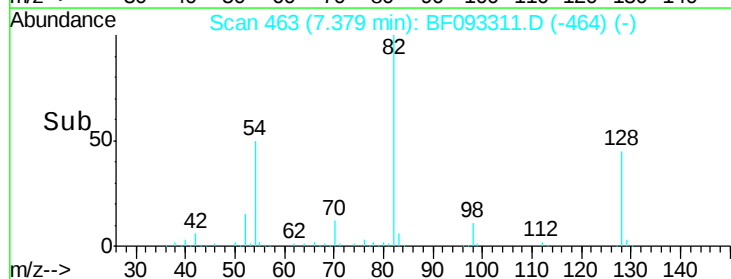
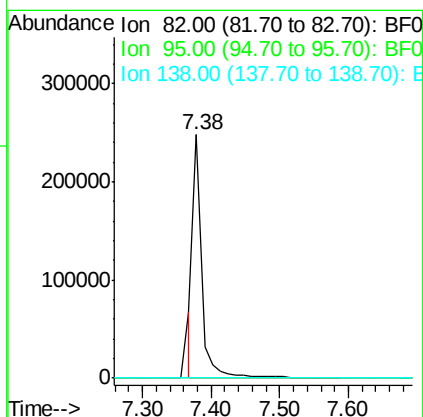
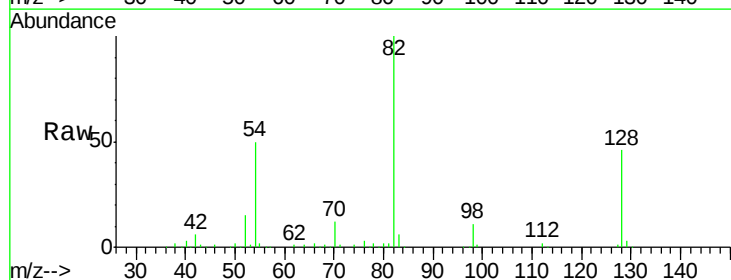
Instrument :
 BNA_F
 ClientSampleId :
 U-1

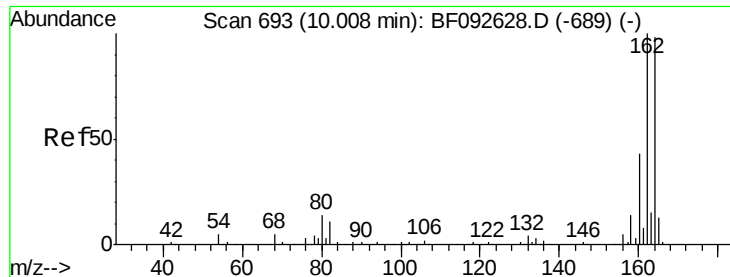
Tgt Ion: 82 Resp: 266477
 Ion Ratio Lower Upper
 82 100
 128 45.9 34.6 52.0
 54 49.8 39.5 59.3



#25
 Isophorone
 Concen: 14.51 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.31 min
 Lab File: BF093311.D
 Acq: 2 Mar 2017 1:24

Tgt Ion: 82 Resp: 214843
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#

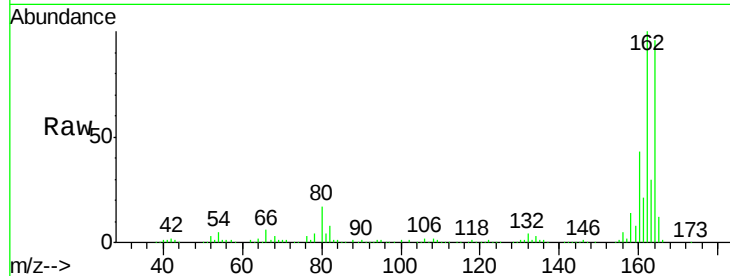




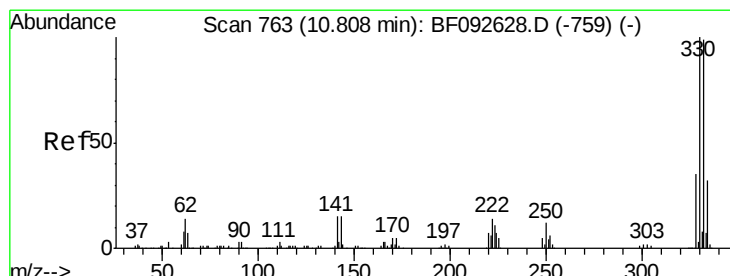
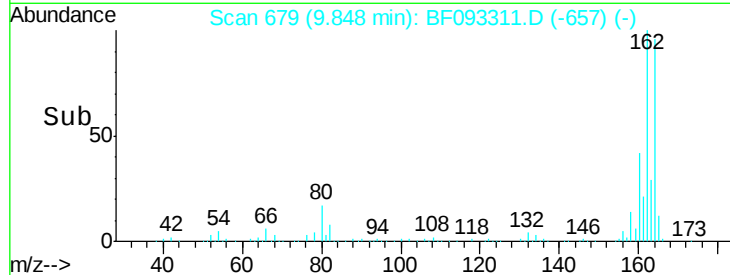
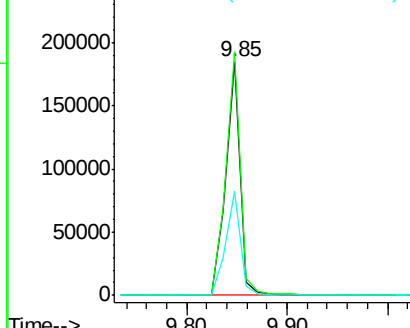
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.05 min
 Lab File: BF093311.D
 Acq: 2 Mar 2017 1:24

Instrument :
 BNA_F
 ClientSampleId :
 U-1

Tgt Ion:164 Resp: 184079
 Ion Ratio Lower Upper
 164 100
 162 104.2 80.2 120.2
 160 44.5 36.9 55.3

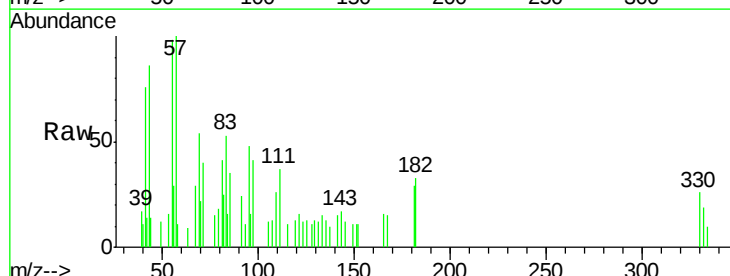


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

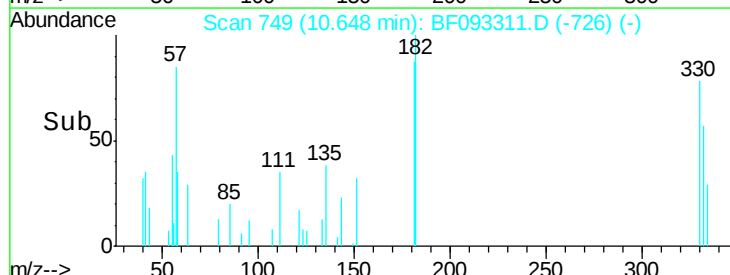
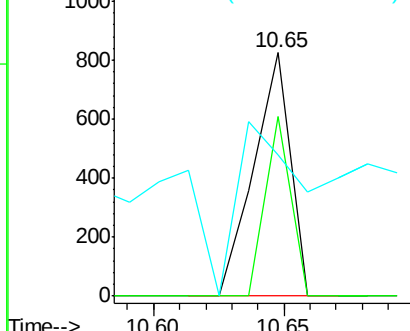


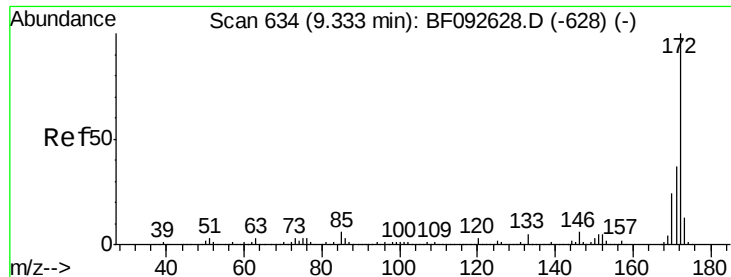
#41
 2,4,6-Tribromophenol
 Concen: 0.61 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF093311.D
 Acq: 2 Mar 2017 1:24

Tgt Ion:330 Resp: 812
 Ion Ratio Lower Upper
 330 100
 332 51.6 77.4 116.2#
 141 120.3 34.1 51.1#



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

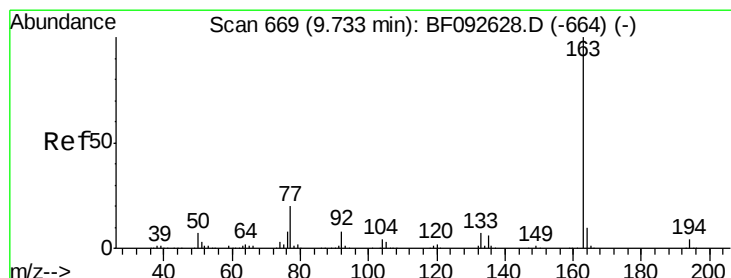
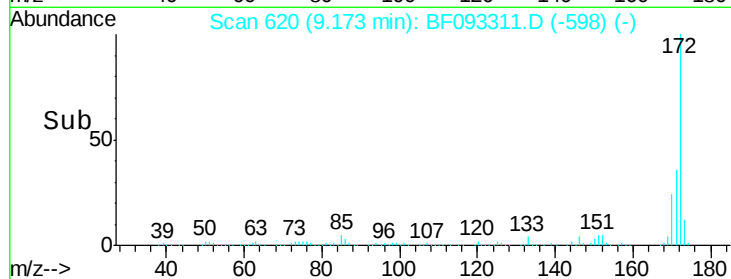
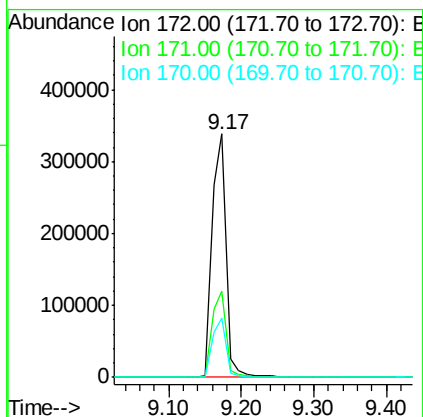
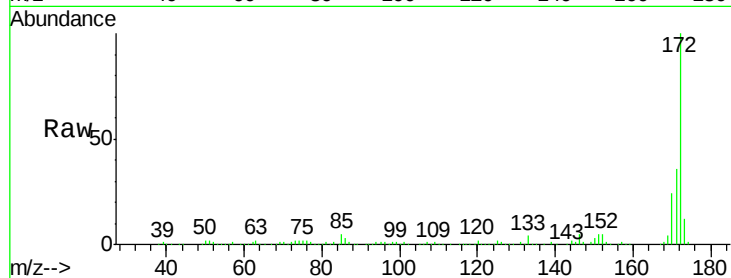




#44
 2-Fluorobiphenyl
 Concen: 44.35 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF093311.D
 Acq: 2 Mar 2017 1:24

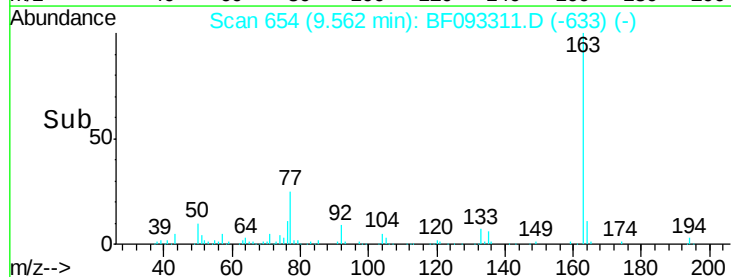
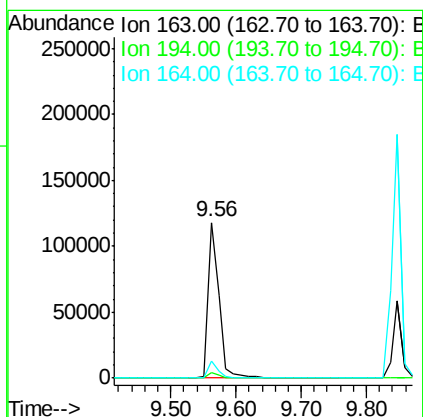
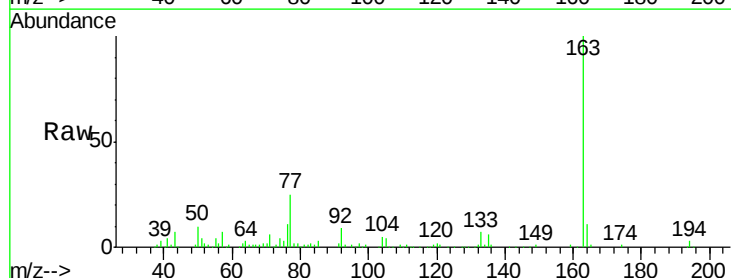
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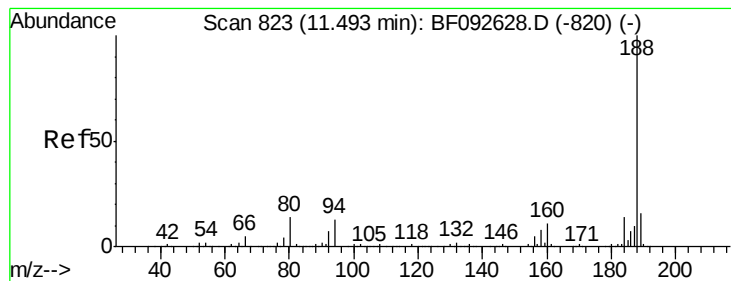
Tgt Ion:172 Resp: 450585
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.0
 170 24.1 20.2 30.4



#49
 Dimethylphthalate
 Concen: 11.08 ng
 RT: 9.56 min Scan# 654
 Delta R.T. -0.06 min
 Lab File: BF093311.D
 Acq: 2 Mar 2017 1:24

Tgt Ion:163 Resp: 137392
 Ion Ratio Lower Upper
 163 100
 194 3.2 3.0 4.4
 164 10.7 8.0 12.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.05 min

Lab File: BF093311.D

Acq: 2 Mar 2017 1:24

Instrument :

BNA_F

ClientSampleId :

U-1

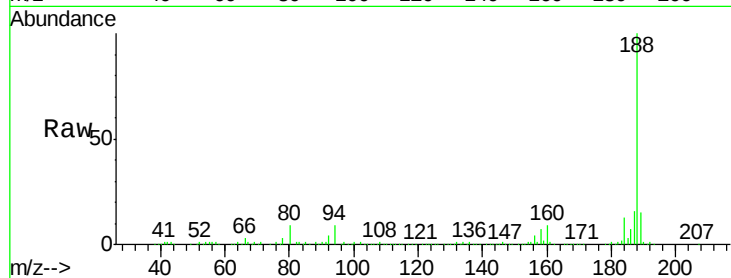
Tgt Ion:188 Resp: 290775

Ion Ratio Lower Upper

188 100

94 8.6 10.0 15.0#

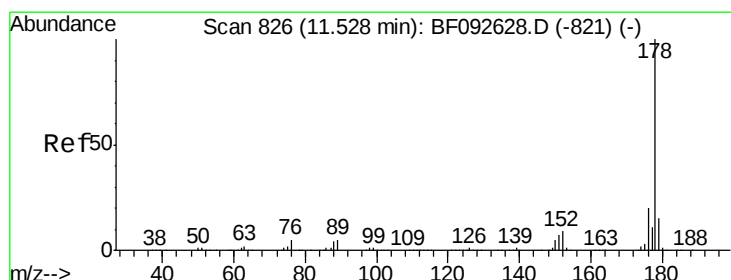
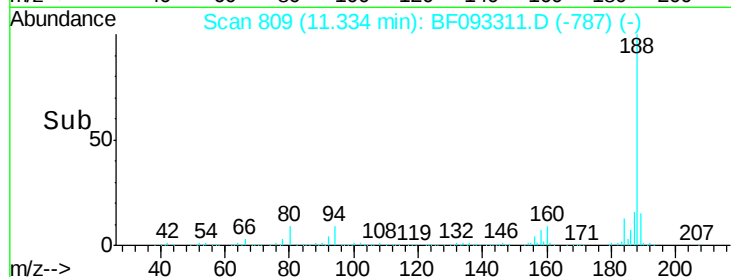
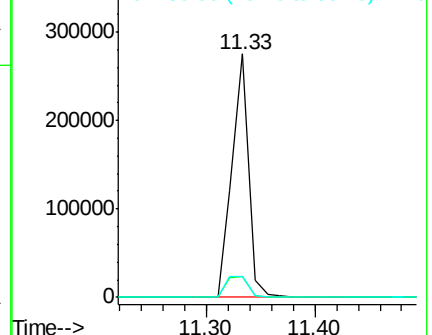
80 8.8 11.2 16.8#



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: 4.31 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.05 min

Lab File: BF093311.D

Acq: 2 Mar 2017 1:24

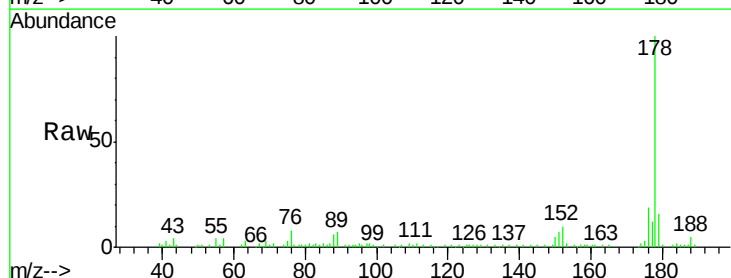
Tgt Ion:178 Resp: 71739

Ion Ratio Lower Upper

178 100

176 19.3 16.6 25.0

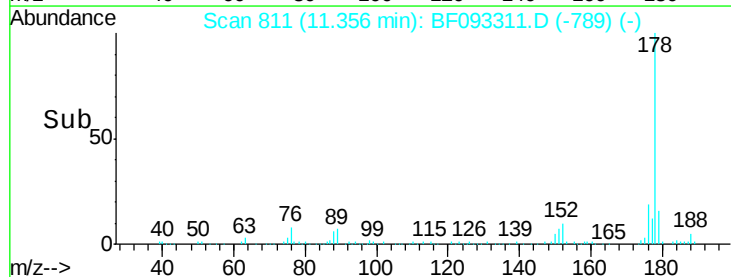
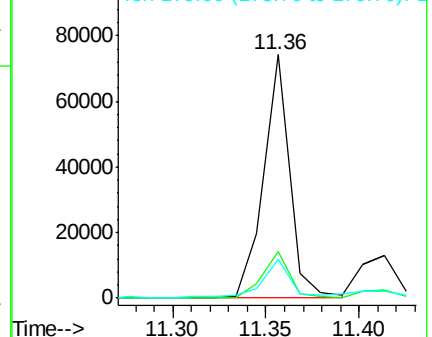
179 16.2 12.8 19.2

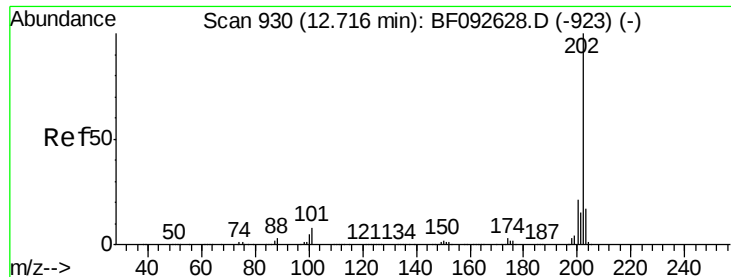


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 6.74 ng

RT: 12.55 min Scan# 915

Delta R.T. -0.05 min

Lab File: BF093311.D

Acq: 2 Mar 2017 1:24

Instrument :

BNA_F

ClientSampleId :

U-1

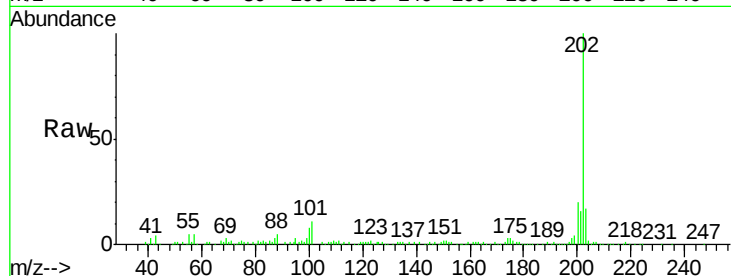
Tgt Ion:202 Resp: 115877

Ion Ratio Lower Upper

202 100

101 11.1 0.0 34.6

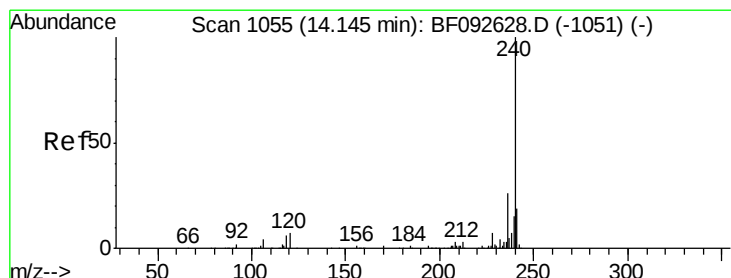
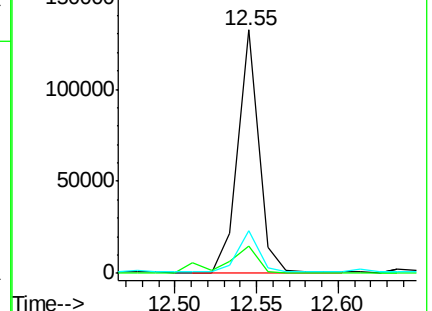
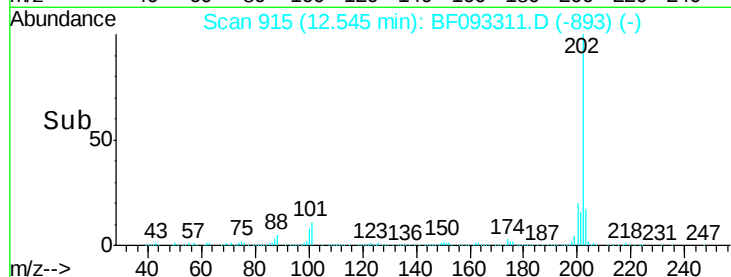
203 17.5 0.0 38.7



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: 13.97 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF093311.D

Acq: 2 Mar 2017 1:24

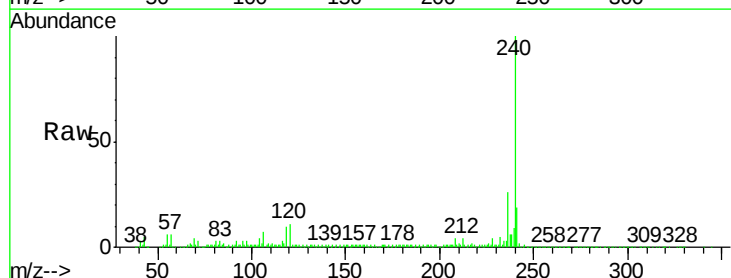
Tgt Ion:240 Resp: 293747

Ion Ratio Lower Upper

240 100

120 11.4 12.9 19.3#

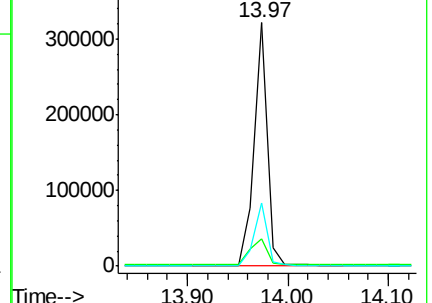
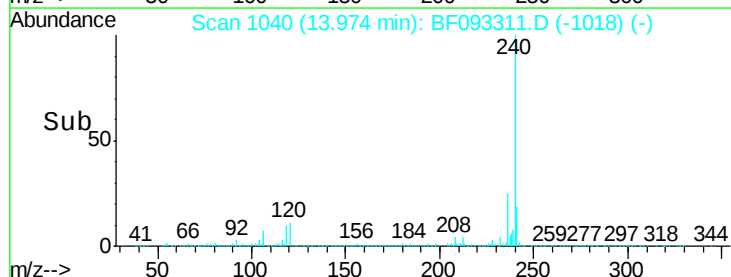
236 25.8 20.9 31.3

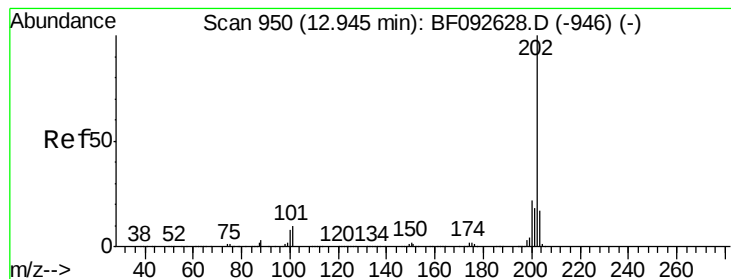


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 4.82 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.05 min

Lab File: BF093311.D

Acq: 2 Mar 2017 1:24

Instrument :

BNA_F

ClientSampleId :

U-1

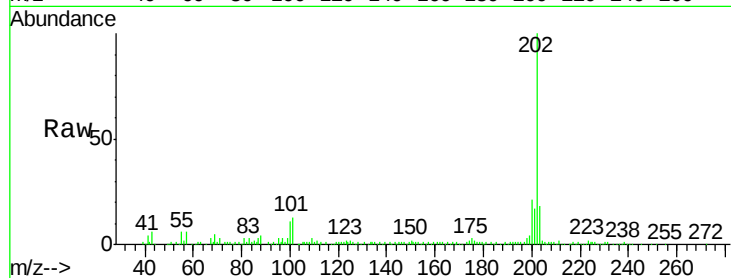
Tgt Ion:202 Resp: 105948

Ion Ratio Lower Upper

202 100

200 20.8 17.7 26.5

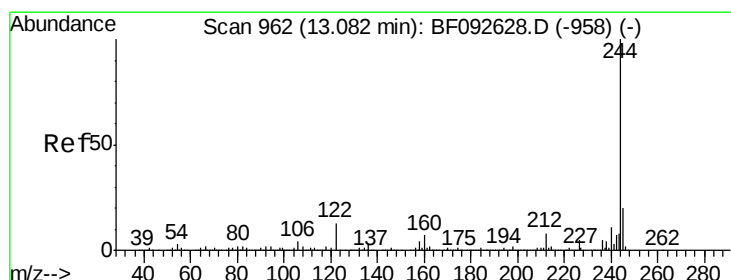
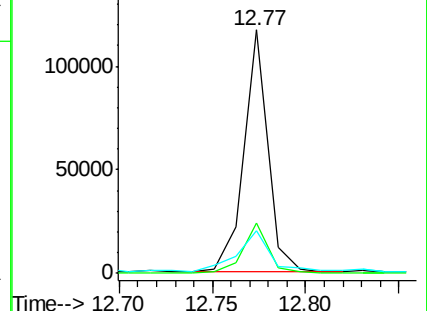
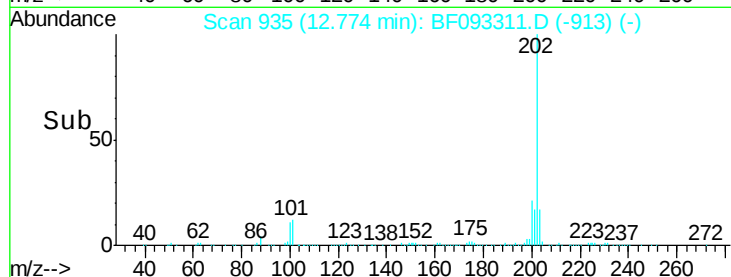
203 17.6 14.7 22.1



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: 26.12 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.06 min

Lab File: BF093311.D

Acq: 2 Mar 2017 1:24

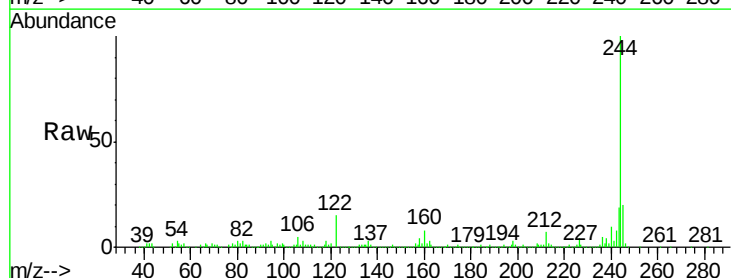
Tgt Ion:244 Resp: 326589

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

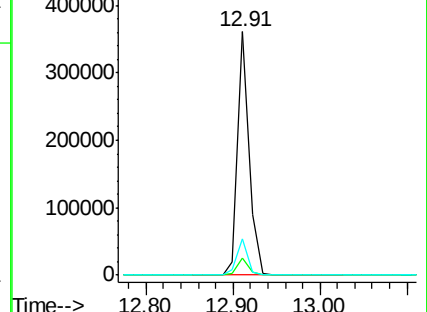
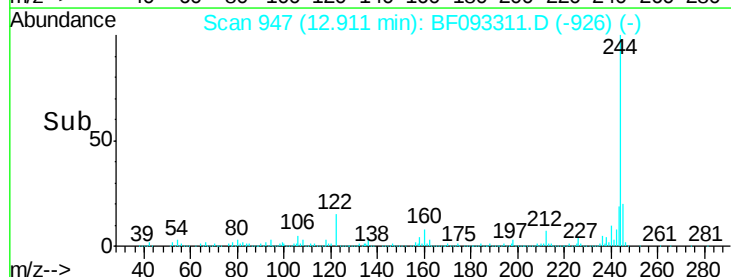
122 14.9 11.4 17.2

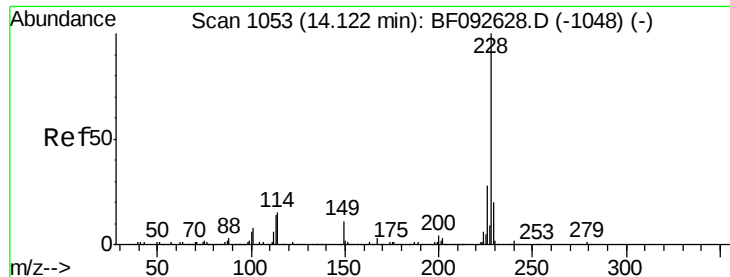


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 2.91 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.05 min

Lab File: BF093311.D

Acq: 2 Mar 2017 1:24

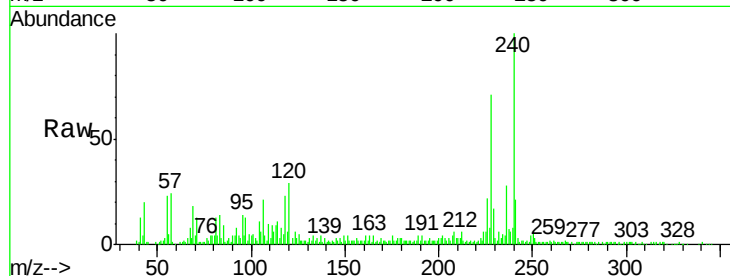
Instrument :

BNA_F

ClientSampleId :

U-1

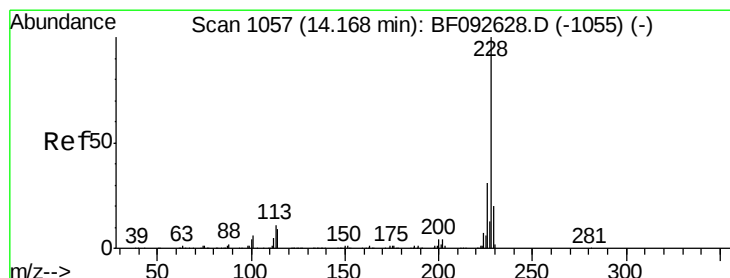
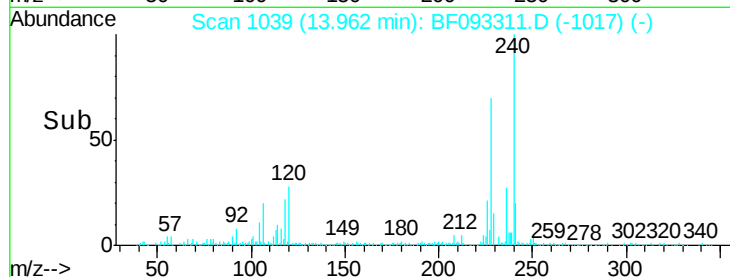
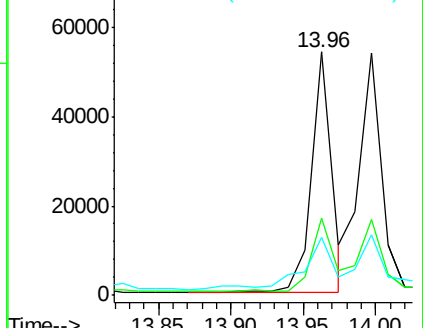
Tgt Ion:	228	Resp:	52301
Ion	Ratio	Lower	Upper
228	100		
226	31.5	22.4	33.6
229	23.7	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 3.11 ng

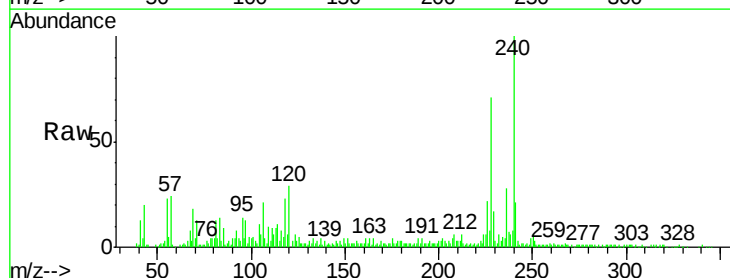
RT: 13.96 min Scan# 1039

Delta R.T. -0.08 min

Lab File: BF093311.D

Acq: 2 Mar 2017 1:24

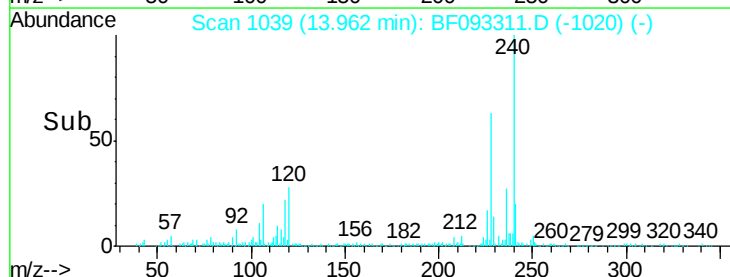
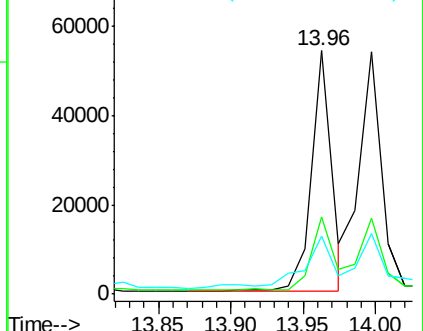
Tgt Ion:	228	Resp:	52301
Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.4	38.0
229	23.7	16.2	24.2

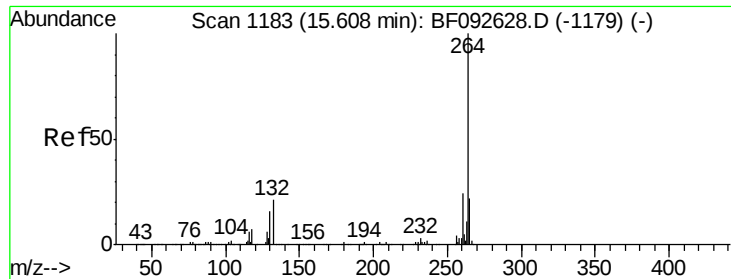


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

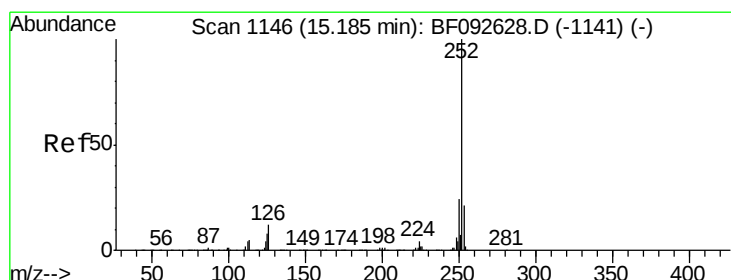
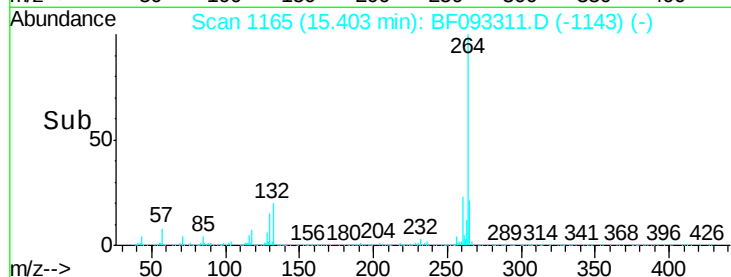
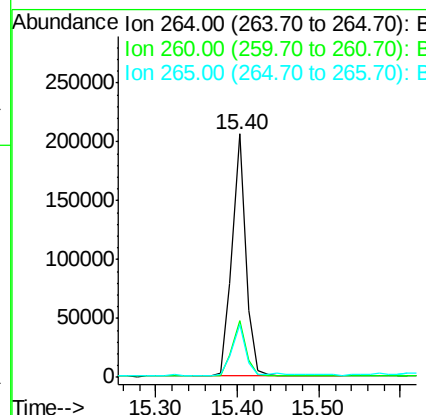
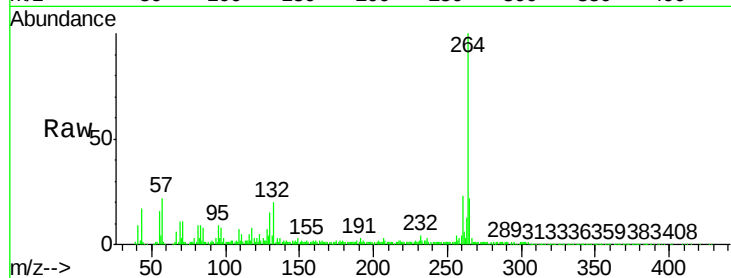




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.05 min
Lab File: BF093311.D
Acq: 2 Mar 2017 1:24

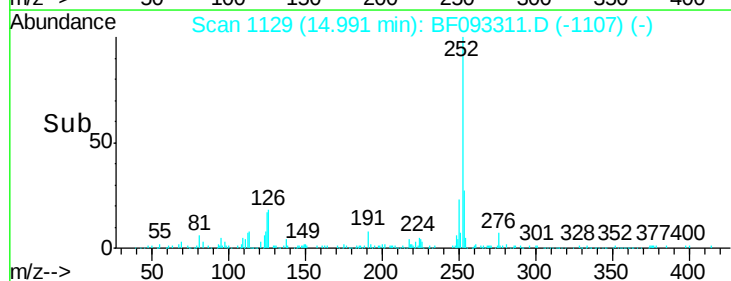
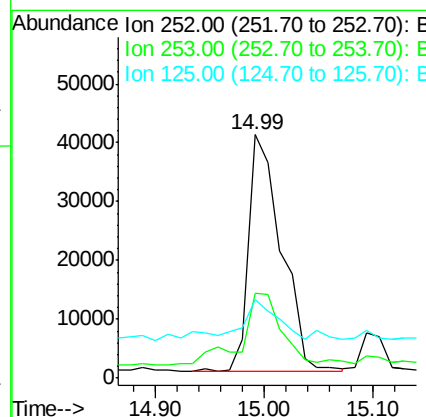
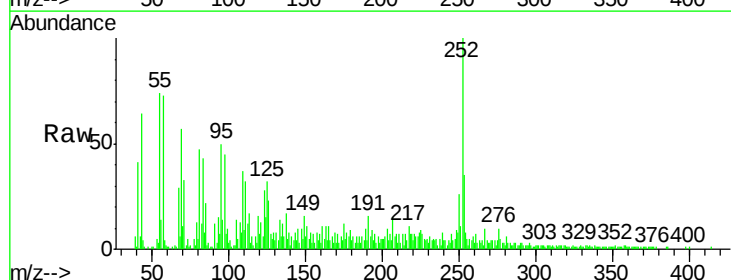
Instrument :
BNA_F
ClientSampleId :
U-1

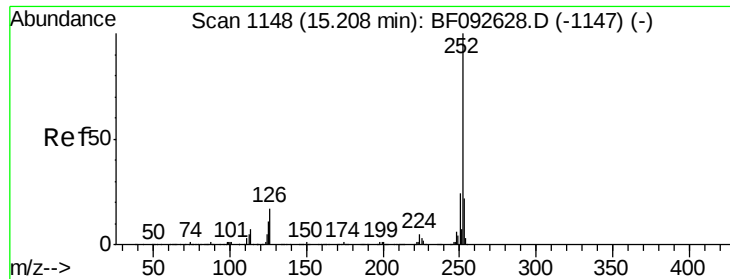
Tgt Ion: 264 Resp: 241745
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.5 17.4 26.0



#87
Benzo(b)fluoranthene
Concen: 5.28 ng
RT: 14.99 min Scan# 1129
Delta R.T. -0.05 min
Lab File: BF093311.D
Acq: 2 Mar 2017 1:24

Tgt Ion: 252 Resp: 84074
Ion Ratio Lower Upper
252 100
253 34.9 18.2 27.4#
125 32.2 9.8 14.6#

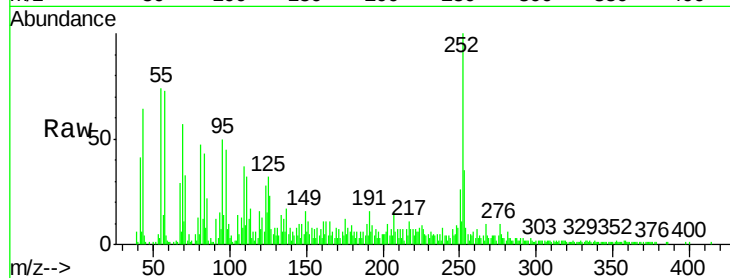




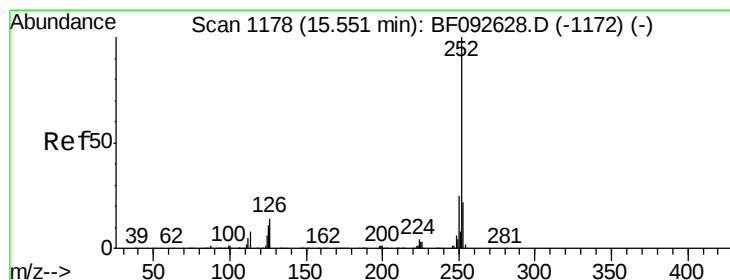
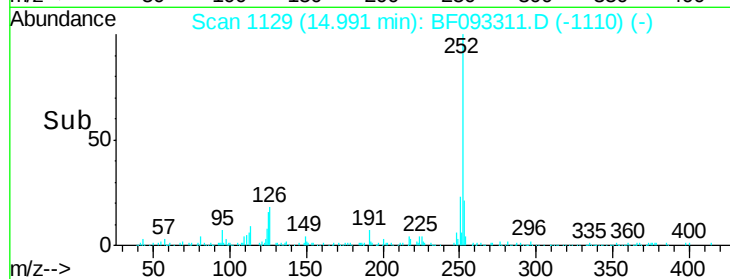
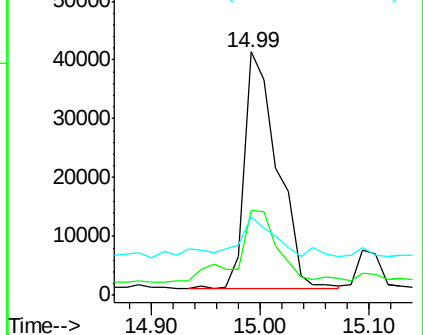
#88
Benzo(k)fluoranthene
Concen: 6.12 ng
RT: 14.99 min Scan# 1129
Delta R.T. -0.08 min
Lab File: BF093311.D
Acq: 2 Mar 2017 1:24

Instrument :
BNA_F
ClientSampleId :
U-1

Tgt Ion:252 Resp: 84074
Ion Ratio Lower Upper
252 100
253 34.9 18.5 27.7#
125 32.2 8.9 13.3#

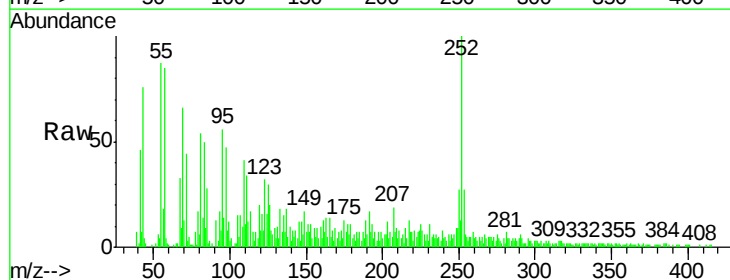


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

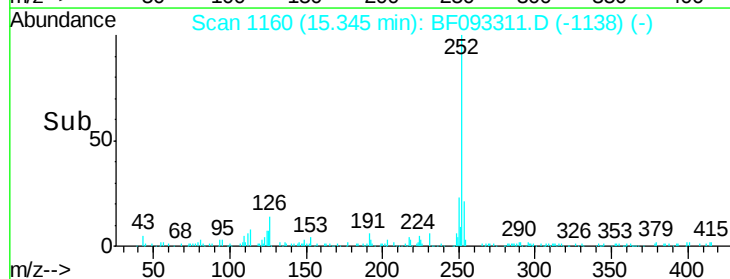
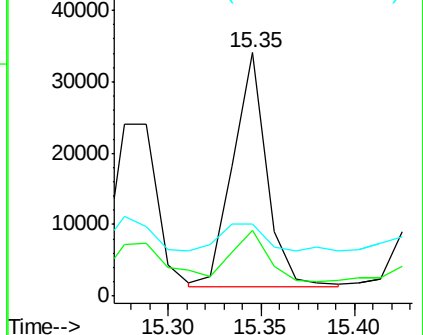


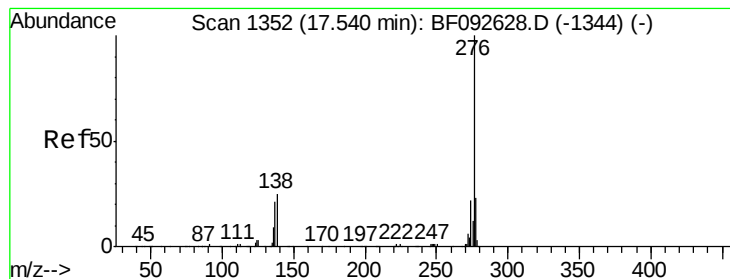
#89
Benzo(a)pyrene
Concen: 3.03 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.05 min
Lab File: BF093311.D
Acq: 2 Mar 2017 1:24

Tgt Ion:252 Resp: 41750
Ion Ratio Lower Upper
252 100
253 27.2 18.2 27.2
125 29.7 10.0 15.0#



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: 2.05 ng

RT: 17.23 min Scan# 1325

Delta R.T. -0.06 min

Lab File: BF093311.D

Acq: 2 Mar 2017 1:24

Instrument :

BNA_F

ClientSampleId :

U-1

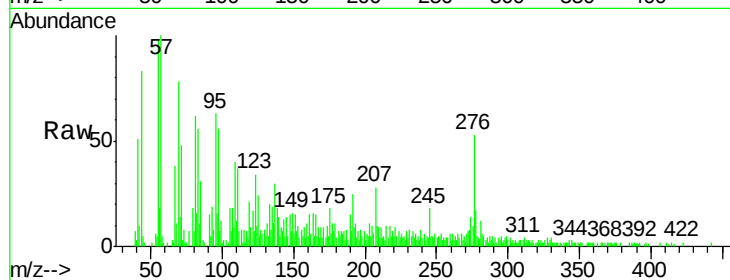
Tgt Ion: 276 Resp: 23008

Ion Ratio Lower Upper

276 100

277 32.5 19.2 28.8#

138 34.6 16.0 24.0#



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

