

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092116\
 Data File : BF090182.D
 Acq On : 22 Sep 2016 2:00
 Operator : UM/SJ
 Sample : H4856-13 2X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-1

Quant Time: Sep 22 04:30:47 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 17:58:29 2016
 Response via : Initial Calibration

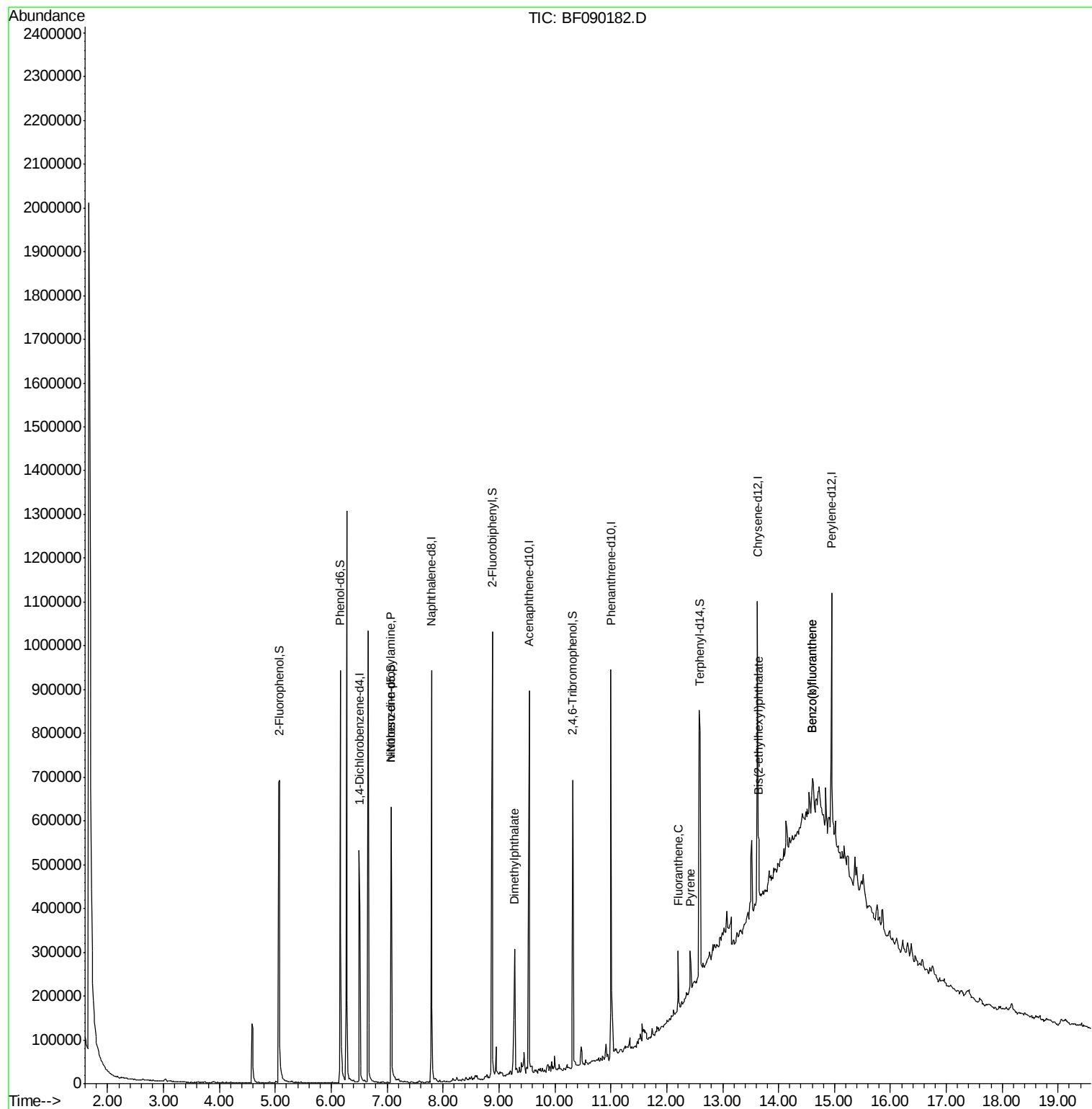
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	122552	20.00	ng	-0.02
21) Naphthalene-d8	7.79	136	430214	20.00	ng	-0.02
38) Acenaphthene-d10	9.54	164	237205	20.00	ng	-0.01
63) Phenanthrene-d10	11.00	188	325164	20.00	ng	-0.02
75) Chrysene-d12	13.62	240	302575	20.00	ng	-0.01
86) Perylene-d12	14.95	264	242945	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	365804	48.65	ng	0.00
7) Phenol-d6	6.16	99	440582	47.45	ng	-0.01
23) Nitrobenzene-d5	7.07	82	244747	32.98	ng	-0.02
41) 2,4,6-Tribromophenol	10.32	330	83419	40.99	ng	-0.02
44) 2-Fluorobiphenyl	8.88	172	432612	35.80	ng	-0.01
78) Terphenyl-d14	12.59	244	305117	25.60	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.07	70	25881	4.74	ng	# 81
49) Dimethylphthalate	9.28	163	150918	9.99	ng	100
74) Fluoranthene	12.20	202	57969	3.55	ng	95
77) Pyrene	12.42	202	45968	2.22	ng	# 92
83) Bis(2-ethylhexyl)phthalate	13.65	149	31993	2.47	ng	# 99
87) Benzo(b)fluoranthene	14.61	252	39701	2.95	ng	# 72
88) Benzo(k)fluoranthene	14.61	252	39701	3.14	ng	# 69

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

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.50 min Scan# 430

Delta R.T. -0.02 min

Lab File: BF090182.D

Acq: 22 Sep 2016 2:00

Instrument :

BNA_F

ClientSampleId :

SS-1

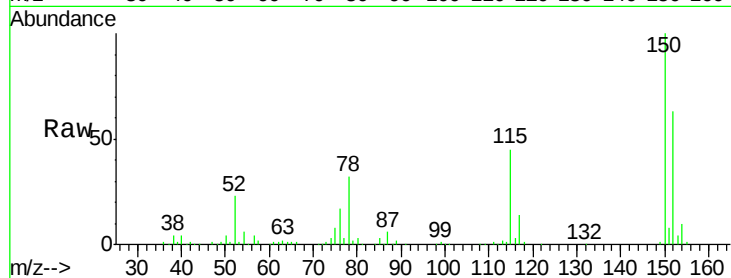
Tgt Ion:152 Resp: 122552

Ion Ratio Lower Upper

152 100

150 158.9 128.9 193.3

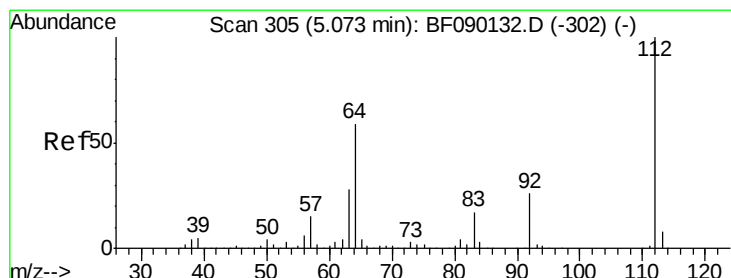
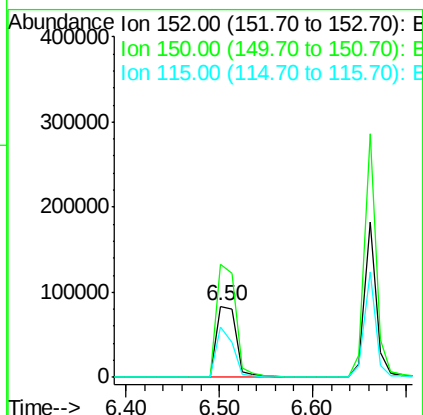
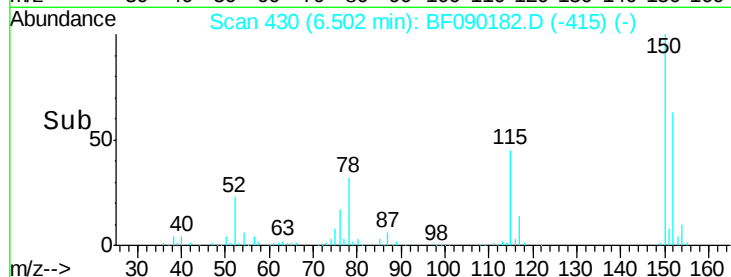
115 71.8 55.5 83.3



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: 48.65 ng

RT: 5.07 min Scan# 305

Delta R.T. 0.00 min

Lab File: BF090182.D

Acq: 22 Sep 2016 2:00

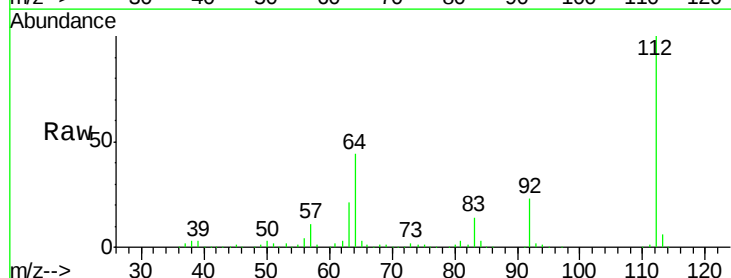
Tgt Ion:112 Resp: 365804

Ion Ratio Lower Upper

112 100

64 44.1 39.8 59.6

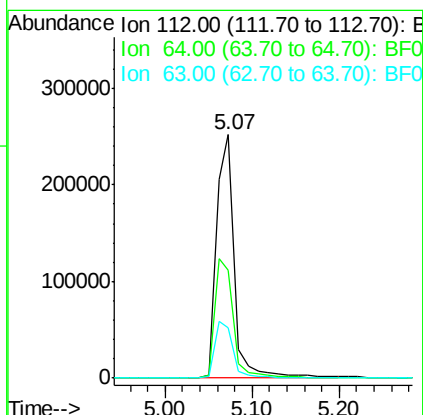
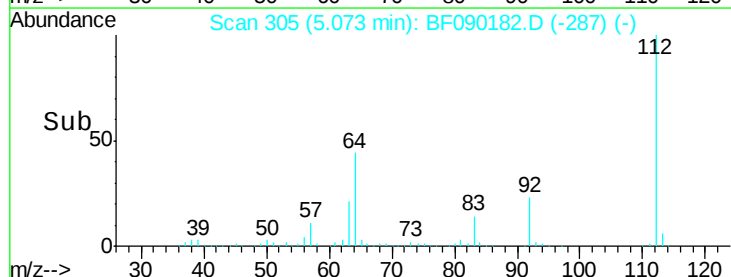
63 20.6 18.9 28.3

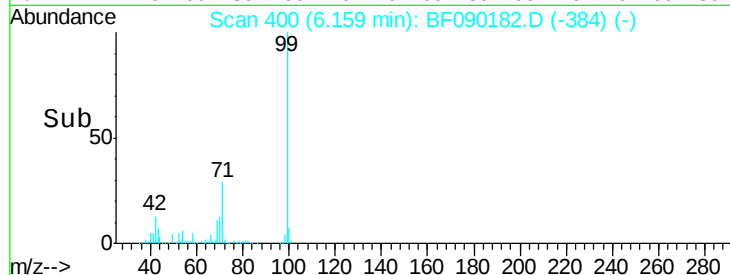
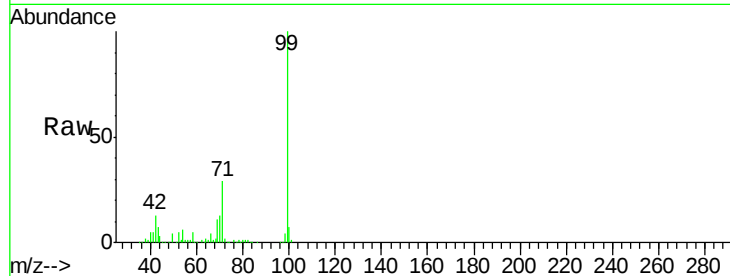


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 47.45 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF090182.D

Acq: 22 Sep 2016 2:00

Instrument :

BNA_F

ClientSampled :

SS-1

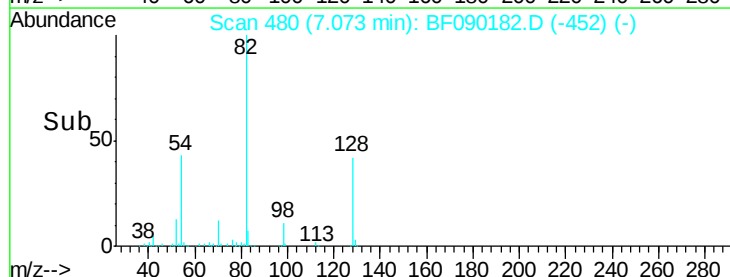
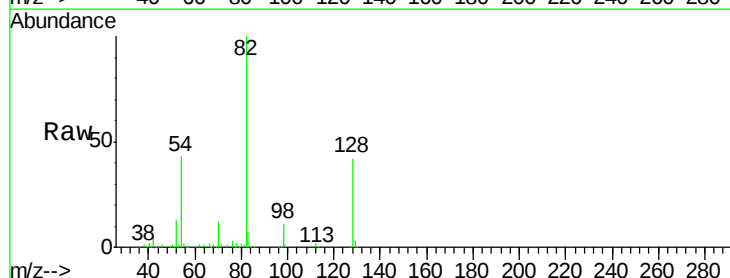
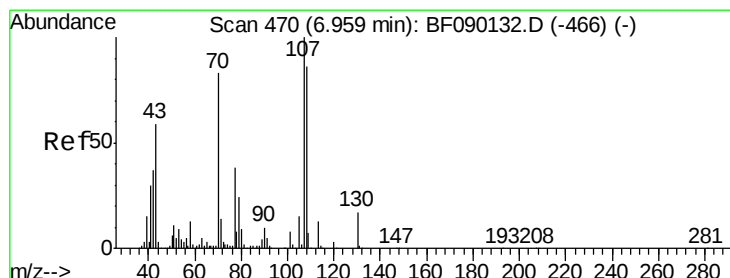
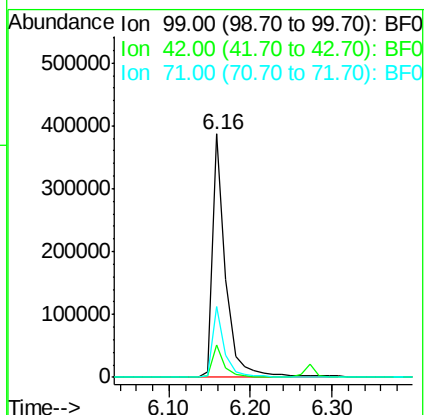
Tgt Ion: 99 Resp: 440582

Ion Ratio Lower Upper

99 100

42 13.4 10.6 15.8

71 29.2 23.0 34.6



#19

n-Nitroso-di-n-propylamine

Concen: 4.74 ng

RT: 7.07 min Scan# 480

Delta R.T. 0.12 min

Lab File: BF090182.D

Acq: 22 Sep 2016 2:00

Tgt Ion: 70 Resp: 25881

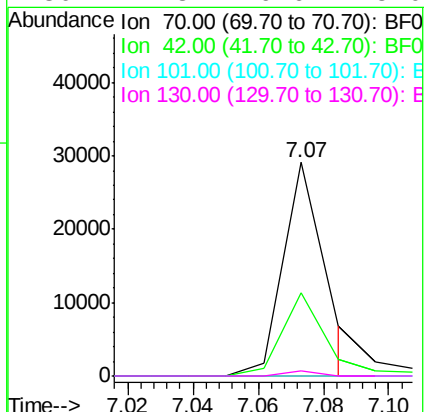
Ion Ratio Lower Upper

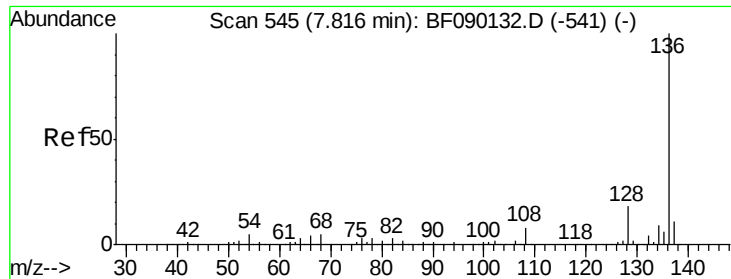
70 100

42 39.2 35.1 52.7

101 0.0 7.5 11.3#

130 2.3 16.6 25.0#

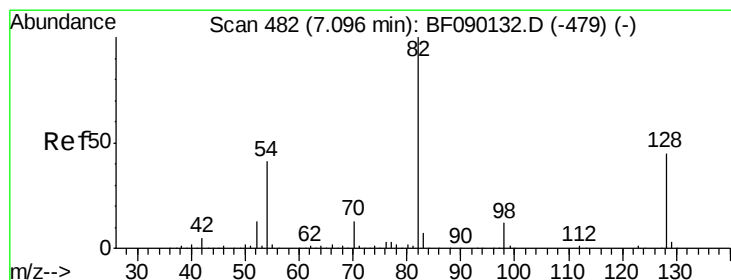
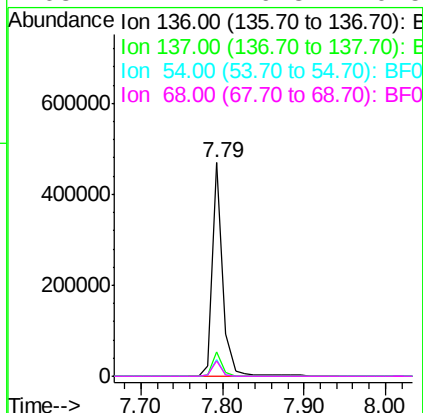
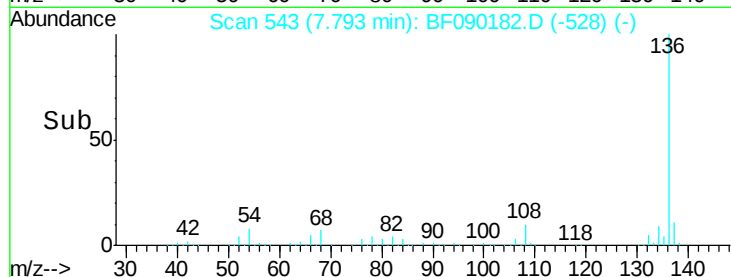
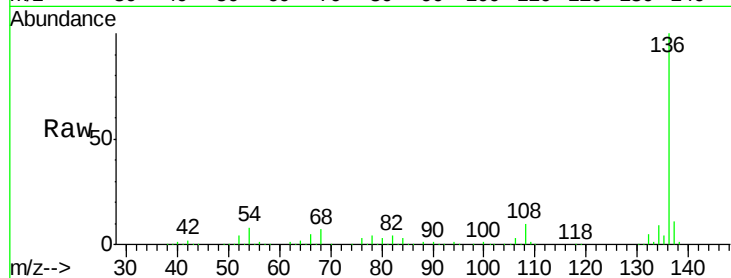




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.02 min
Lab File: BF090182.D
Acq: 22 Sep 2016 2:00

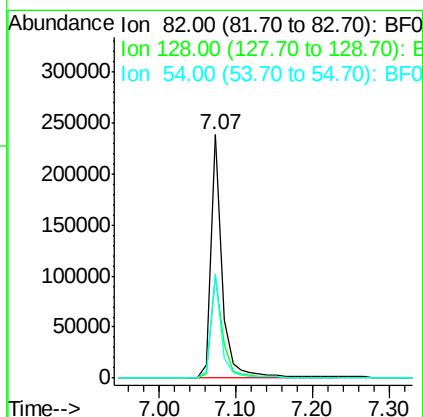
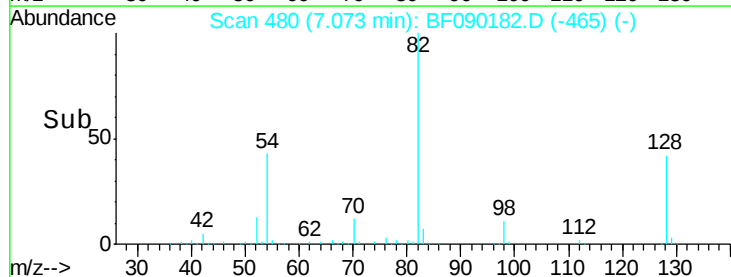
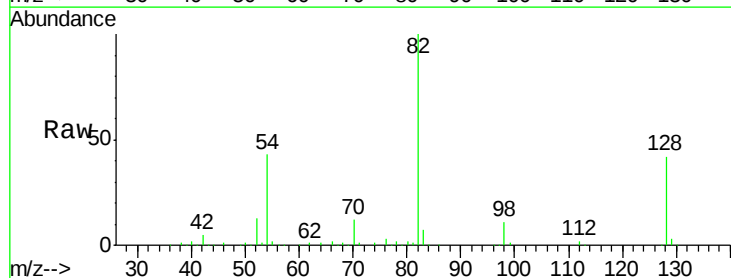
Instrument :
BNA_F
ClientSampleId :
SS-1

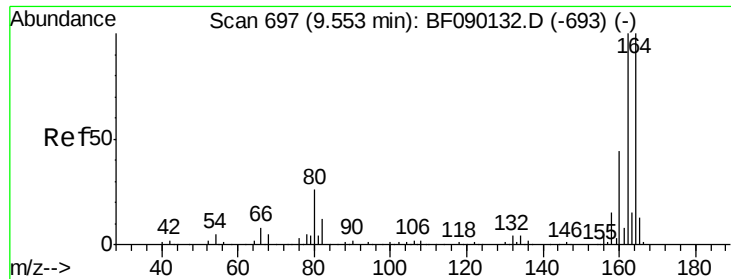
Tgt Ion:	136	Resp:	430214
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.8	6.4	9.6
68	7.4	6.3	9.5



#23
Nitrobenzene-d5
Concen: 32.98 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.02 min
Lab File: BF090182.D
Acq: 22 Sep 2016 2:00

Tgt Ion:	82	Resp:	244747
Ion	Ratio	Lower	Upper
82	100		
128	41.6	37.5	56.3
54	42.6	31.9	47.9

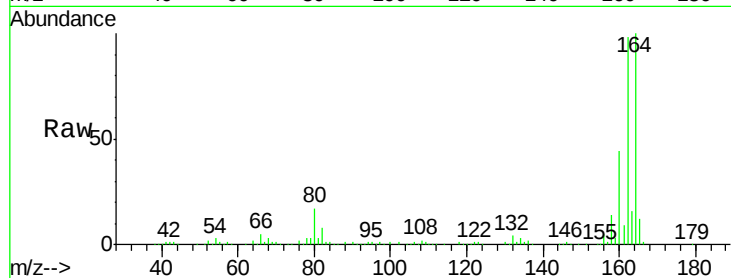




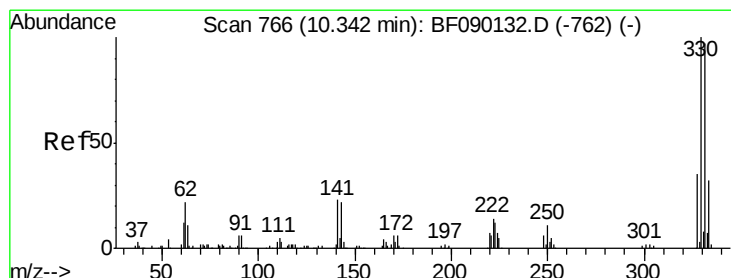
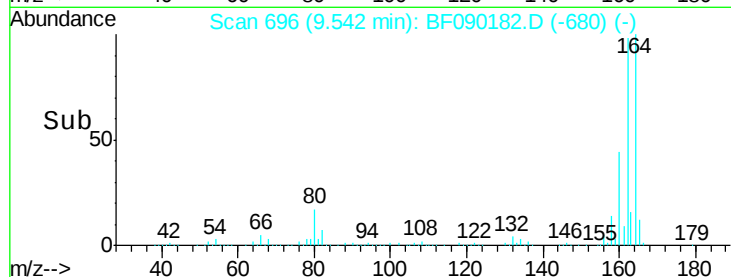
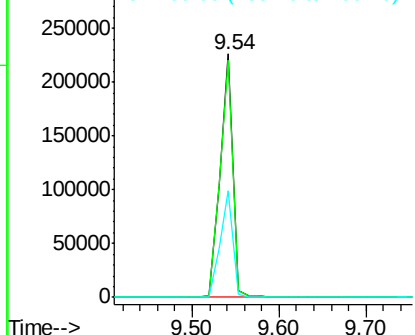
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.54 min Scan# 696
 Delta R.T. -0.01 min
 Lab File: BF090182.D
 Acq: 22 Sep 2016 2:00

Instrument :
 BNA_F
 ClientSampleId :
 SS-1

Tgt Ion:164 Resp: 237205
 Ion Ratio Lower Upper
 164 100
 162 97.7 81.4 122.2
 160 43.6 36.6 54.8

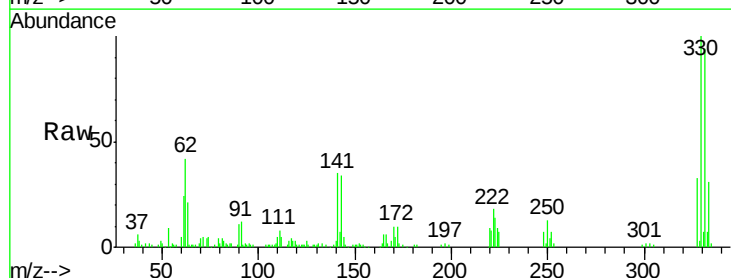


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

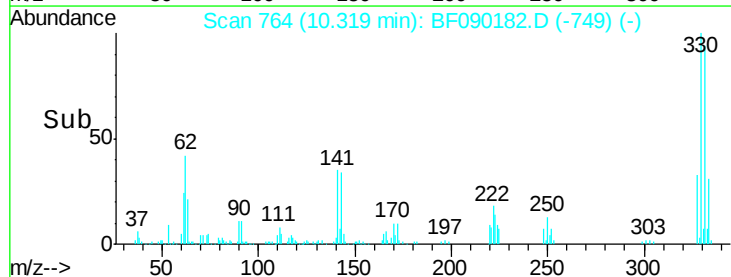
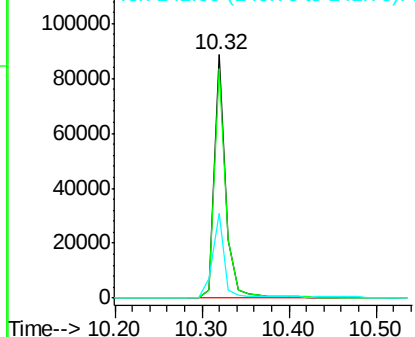


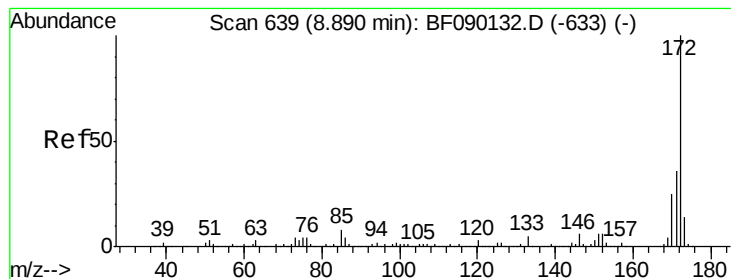
#41
 2,4,6-Tribromophenol
 Concen: 40.99 ng
 RT: 10.32 min Scan# 764
 Delta R.T. -0.02 min
 Lab File: BF090182.D
 Acq: 22 Sep 2016 2:00

Tgt Ion:330 Resp: 83419
 Ion Ratio Lower Upper
 330 100
 332 95.2 78.1 117.1
 141 38.0 23.9 35.9#



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

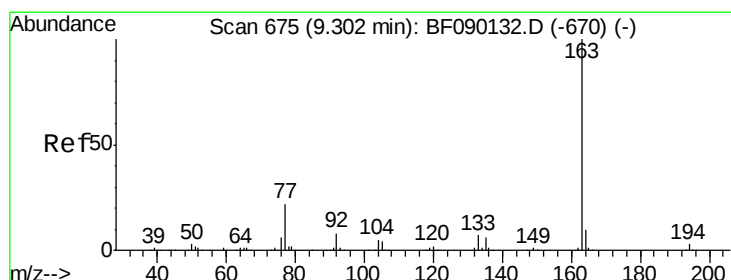
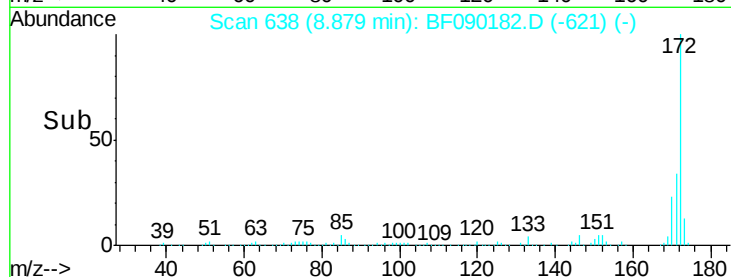
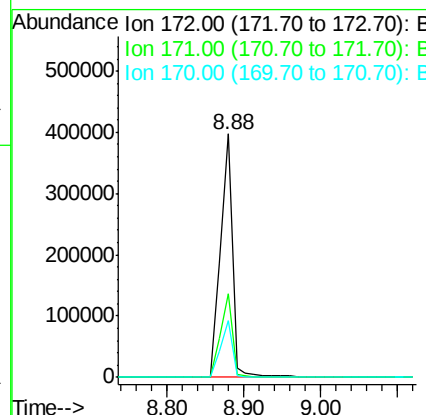
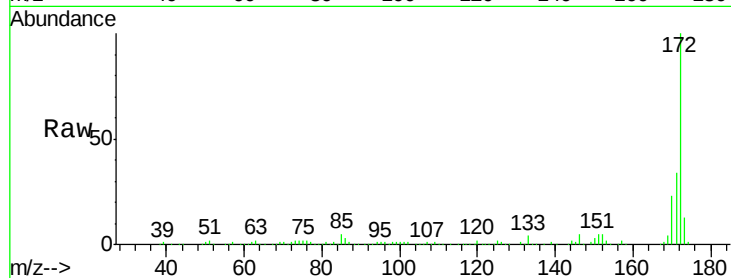




#44
 2-Fluorobiphenyl
 Concen: 35.80 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF090182.D
 Acq: 22 Sep 2016 2:00

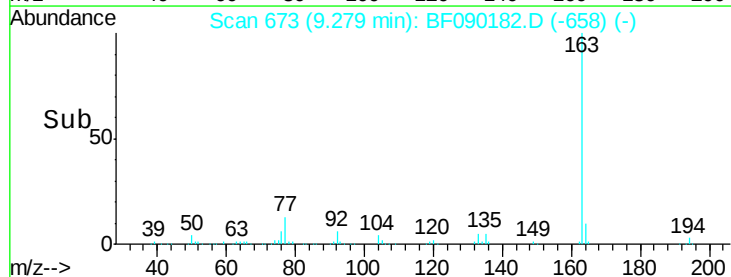
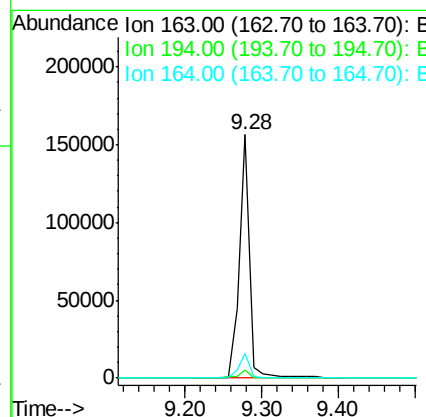
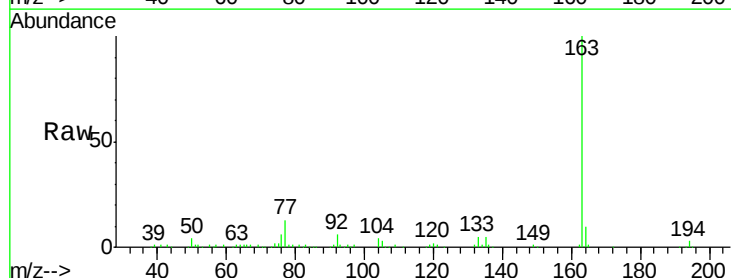
Instrument :
 BNA_F
 ClientSampleId :
 SS-1

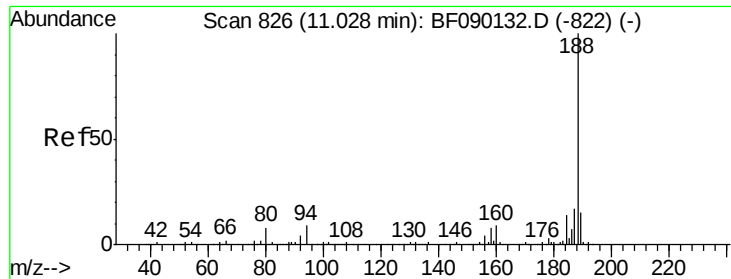
Tgt Ion:172 Resp: 432612
 Ion Ratio Lower Upper
 172 100
 171 34.3 29.2 43.8
 170 23.3 19.8 29.8



#49
 Dimethylphthalate
 Concen: 9.99 ng
 RT: 9.28 min Scan# 673
 Delta R.T. -0.02 min
 Lab File: BF090182.D
 Acq: 22 Sep 2016 2:00

Tgt Ion:163 Resp: 150918
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.8 4.2
 164 10.0 8.1 12.1

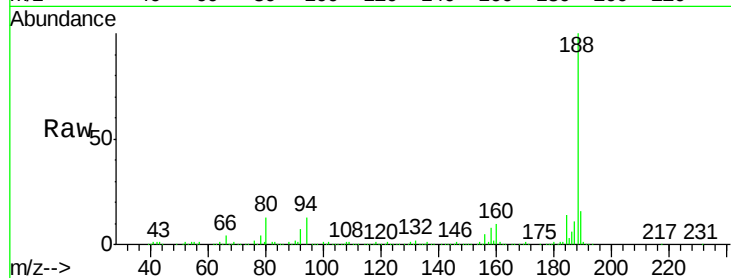




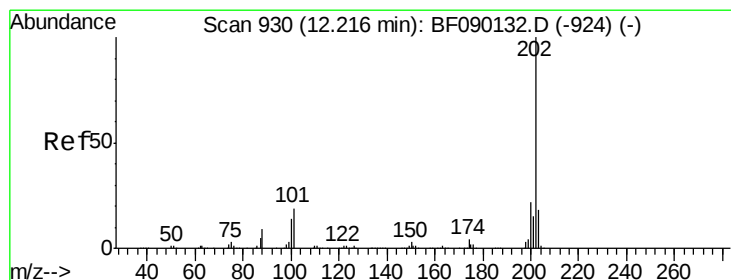
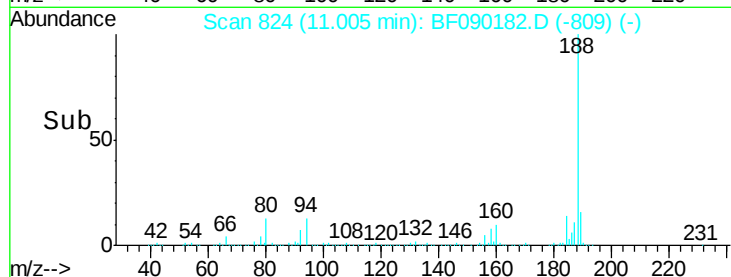
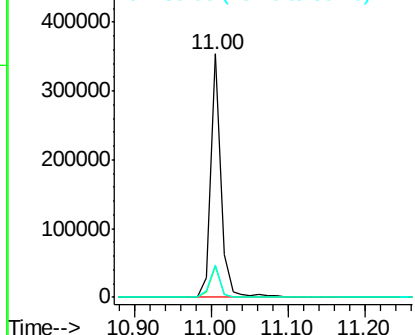
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.00 min Scan# 824
Delta R.T. -0.02 min
Lab File: BF090182.D
Acq: 22 Sep 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SS-1

Tgt Ion:188 Resp: 325164
Ion Ratio Lower Upper
188 100
94 12.9 10.5 15.7
80 13.1 11.2 16.8

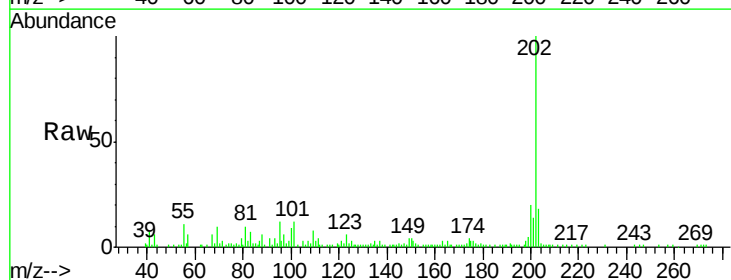


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

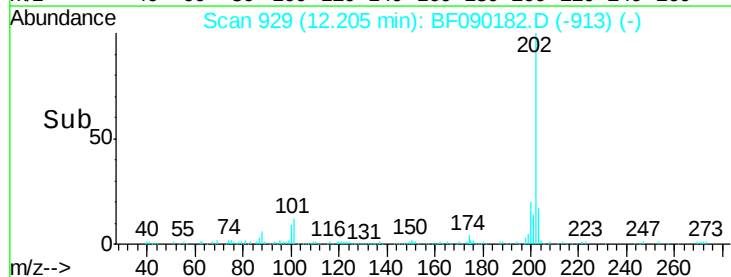
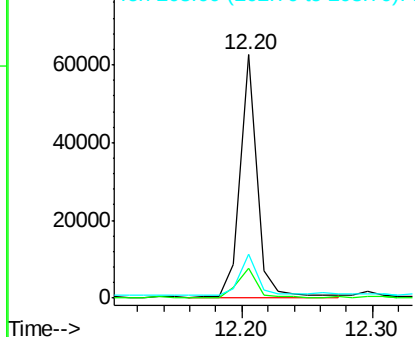


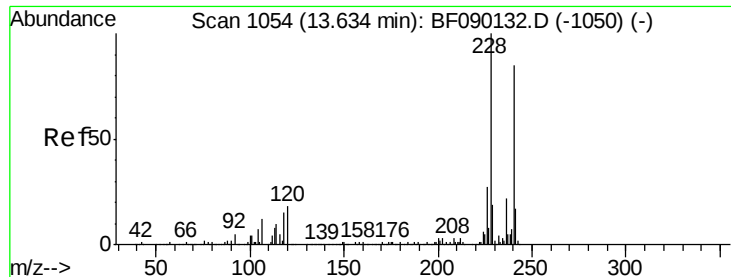
#74
Fluoranthene
Concen: 3.55 ng
RT: 12.20 min Scan# 929
Delta R.T. -0.01 min
Lab File: BF090182.D
Acq: 22 Sep 2016 2:00

Tgt Ion:202 Resp: 57969
Ion Ratio Lower Upper
202 100
101 12.0 0.0 36.1
203 18.0 0.0 38.2



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: 13.62 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BF090182.D

Acq: 22 Sep 2016 2:00

Instrument :

BNA_F

ClientSampleId :

SS-1

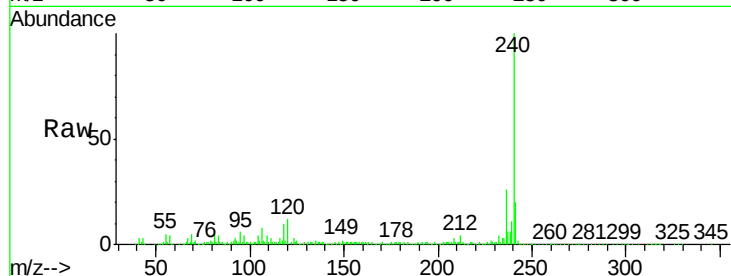
Tgt Ion:240 Resp: 302575

Ion Ratio Lower Upper

240 100

120 11.8 10.6 16.0

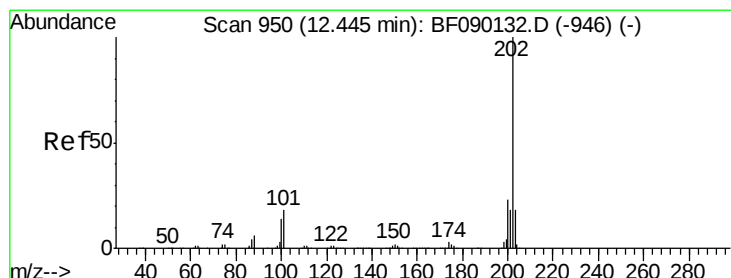
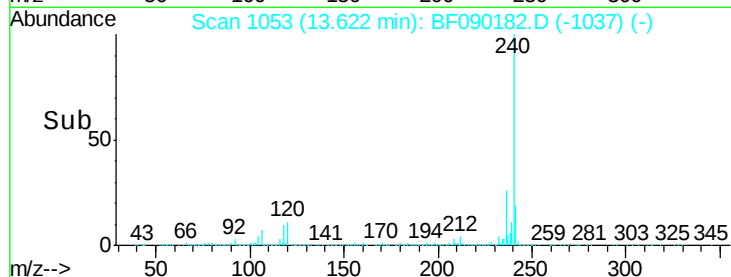
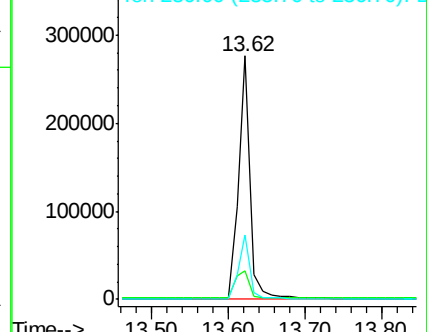
236 26.3 21.6 32.4



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: 2.22 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.02 min

Lab File: BF090182.D

Acq: 22 Sep 2016 2:00

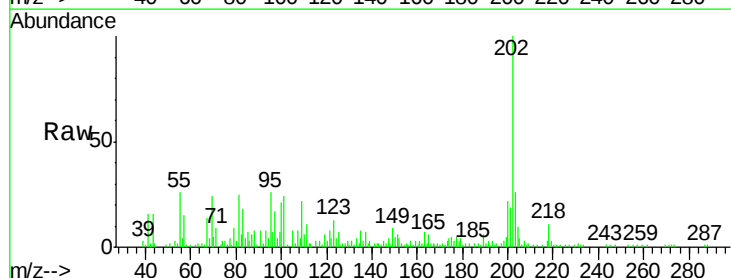
Tgt Ion:202 Resp: 45968

Ion Ratio Lower Upper

202 100

200 22.3 17.9 26.9

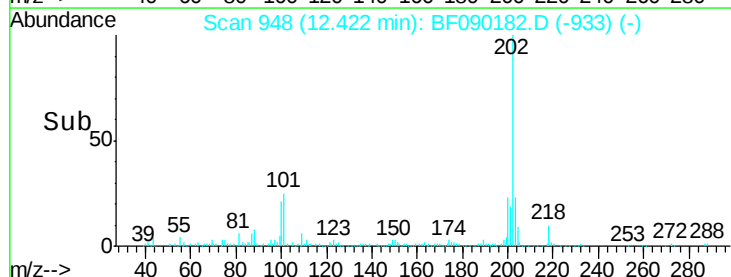
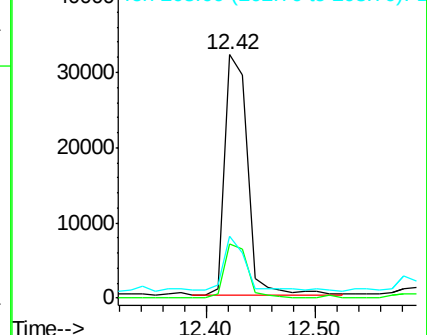
203 25.6 14.2 21.4#

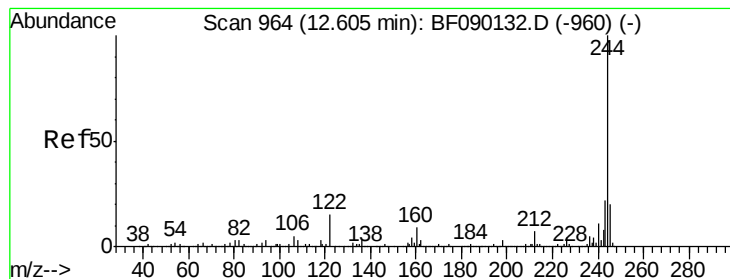


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 25.60 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF090182.D

Acq: 22 Sep 2016 2:00

Instrument :

BNA_F

ClientSampleId :

SS-1

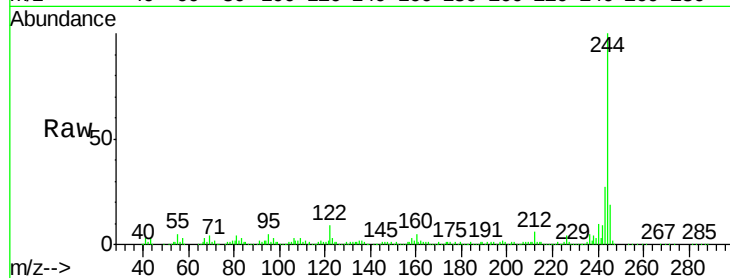
Tgt Ion:244 Resp: 305117

Ion Ratio Lower Upper

244 100

212 5.7 5.8 8.8#

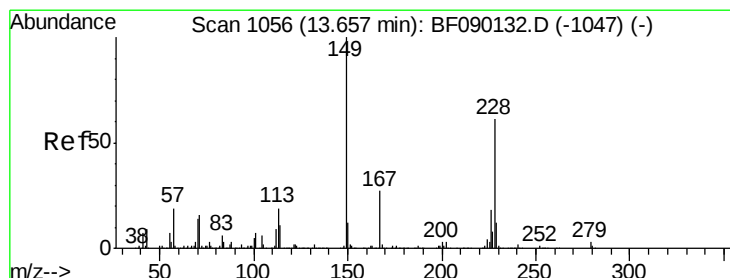
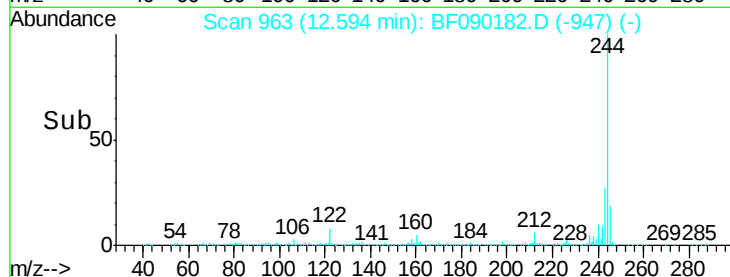
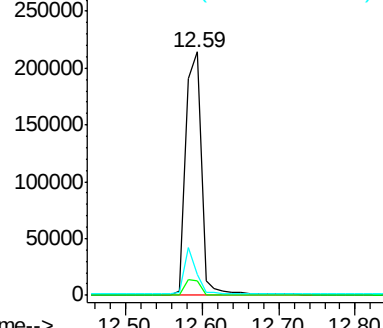
122 8.8 9.4 14.0#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.47 ng

RT: 13.65 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BF090182.D

Acq: 22 Sep 2016 2:00

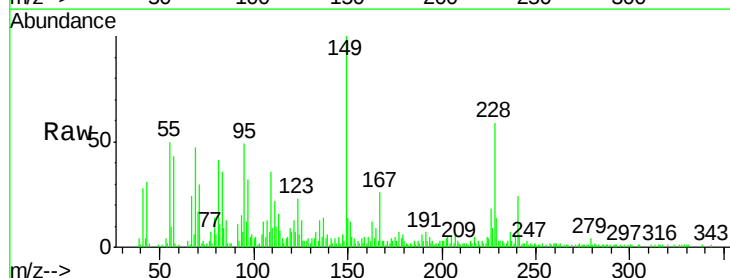
Tgt Ion:149 Resp: 31993

Ion Ratio Lower Upper

149 100

167 26.1 21.2 31.8

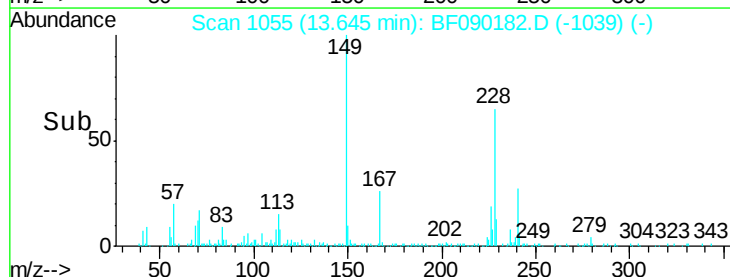
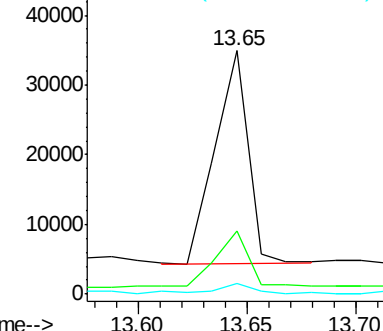
279 4.3 2.2 3.2#

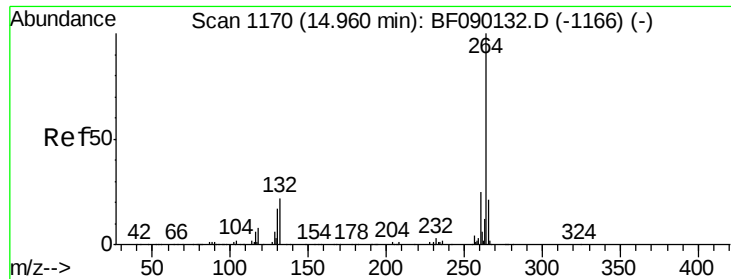


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

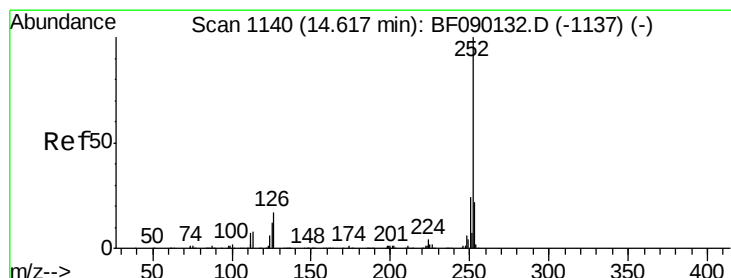
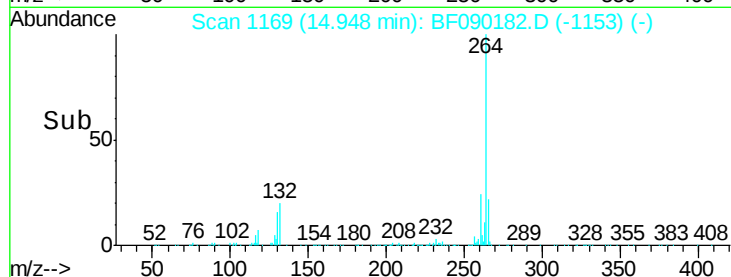
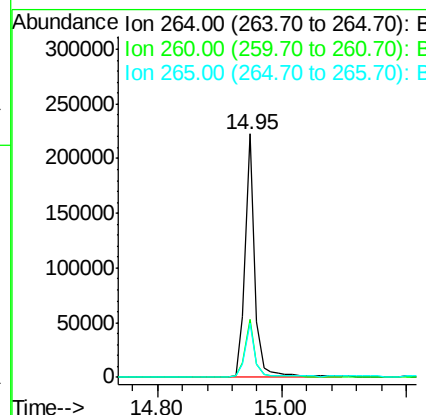
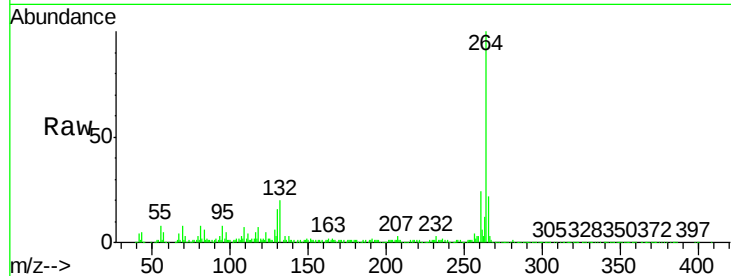




#86
Perylene-d12
Concen: 20.00 ng
RT: 14.95 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF090182.D
Acq: 22 Sep 2016 2:00

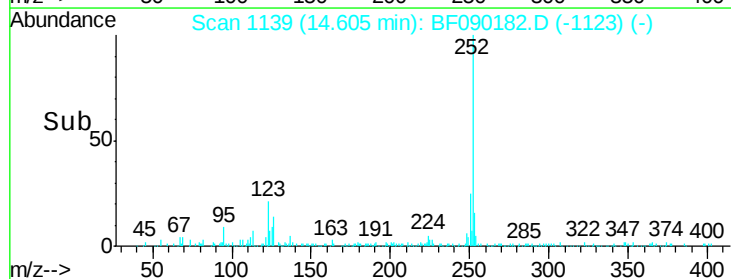
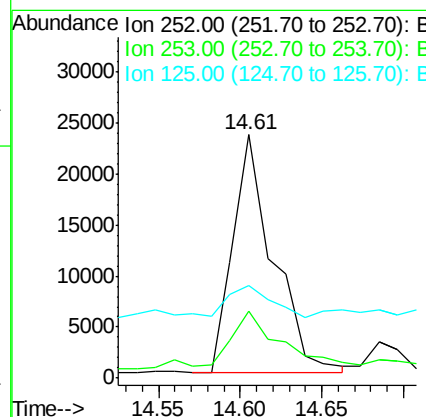
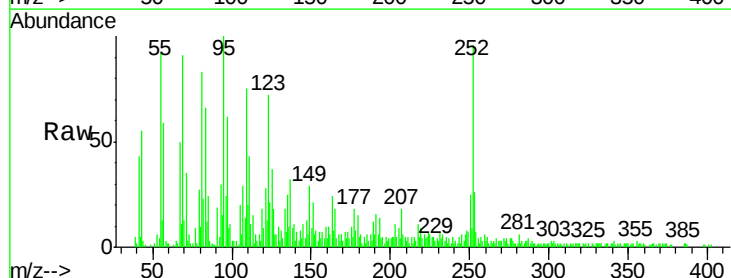
Instrument :
BNA_F
ClientSampleId :
SS-1

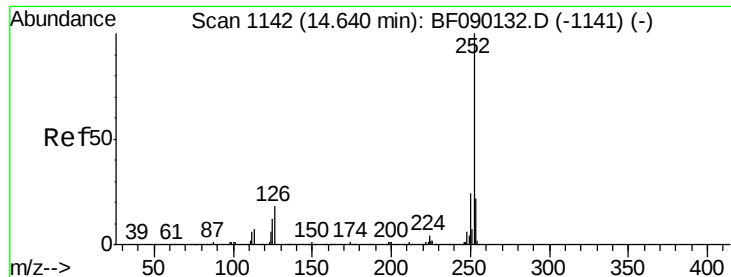
Tgt Ion:	264	Resp:	242945
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	22.1	17.0	25.4



#87
Benzo(b)fluoranthene
Concen: 2.95 ng
RT: 14.61 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF090182.D
Acq: 22 Sep 2016 2:00

Tgt Ion:	252	Resp:	39701
Ion	Ratio	Lower	Upper
252	100		
253	27.4	17.9	26.9#
125	37.9	12.7	19.1#





#88

Benzo(k)fluoranthene

Concen: 3.14 ng

RT: 14.61 min Scan# 1139

Delta R.T. -0.03 min

Lab File: BF090182.D

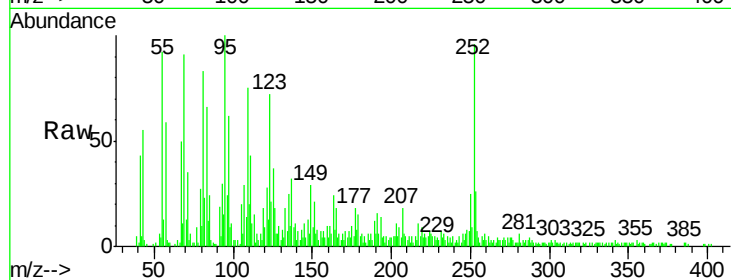
Acq: 22 Sep 2016 2:00

Instrument :

BNA_F

ClientSampleId :

SS-1



Tgt Ion:	252	Resp:	39701
Ion Ratio	Lower	Upper	
252	100		
253	27.4	17.8	26.8#
125	37.9	7.8	11.6#

