

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
 Data File : BF084362.D
 Acq On : 10 Jan 2016 13:59
 Operator : SJ/UM
 Sample : H1043-09 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5S(0-10)

Quant Time: Jan 11 04:34:15 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

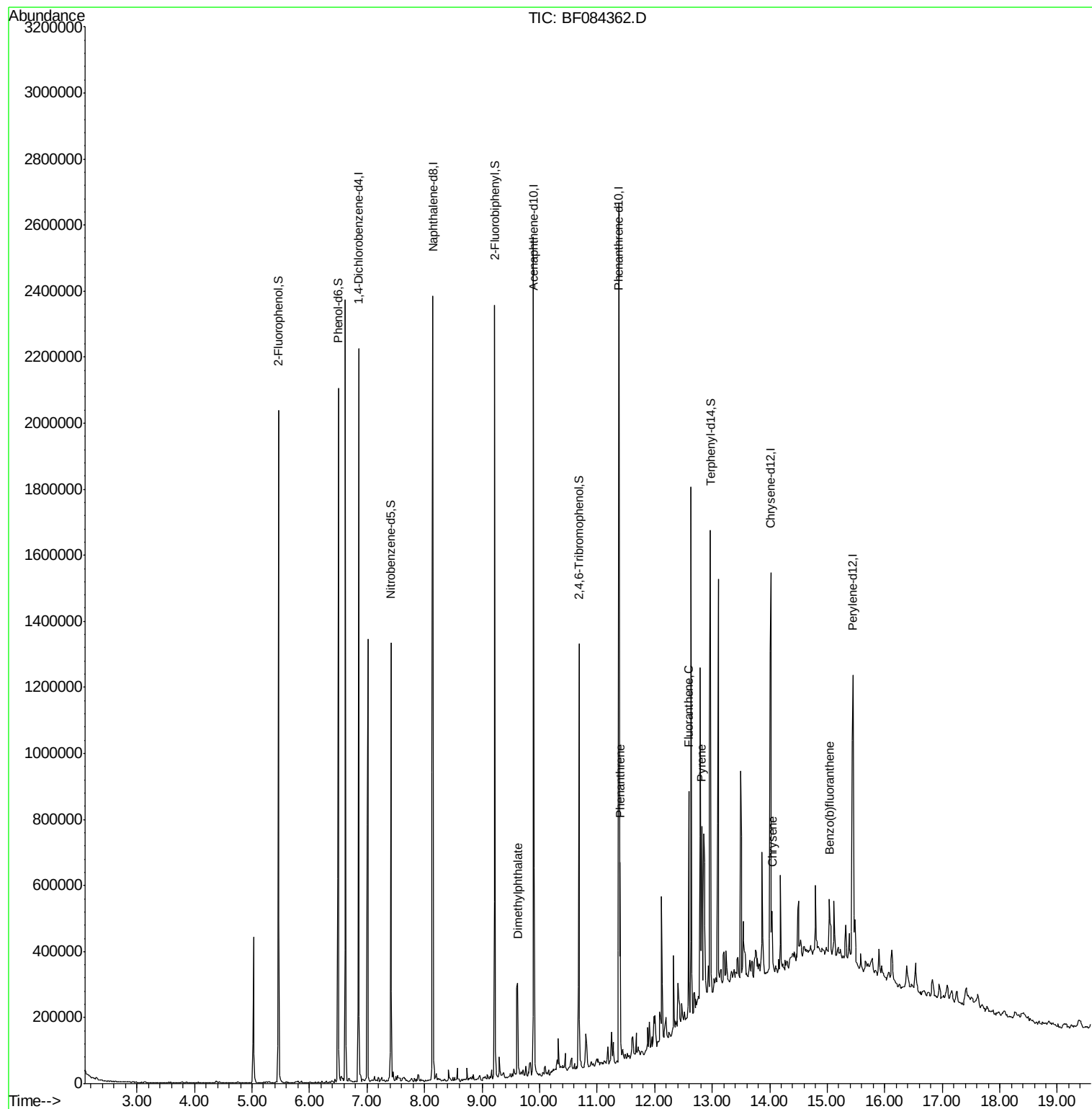
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	284094	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1145699	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	485365	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	865240	20.00	ng	-0.05
75) Chrysene-d12	14.02	240	536238	20.00	ng	-0.05
86) Perylene-d12	15.45	264	467149	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	513492	29.24	ng	-0.03
7) Phenol-d6	6.50	99	683524	30.99	ng	-0.03
23) Nitrobenzene-d5	7.41	82	387496	18.82	ng	-0.06
41) 2,4,6-Tribromophenol	10.68	330	139900	28.55	ng	-0.06
44) 2-Fluorobiphenyl	9.22	172	713110	21.09	ng	-0.05
78) Terphenyl-d14	12.97	244	494840	20.60	ng	-0.05
Target Compounds						Qvalue
49) Dimethylphthalate	9.62	163	165446	4.77	ng	# 90
70) Phenanthrene	11.40	178	200387	4.43	ng	100
74) Fluoranthene	12.59	202	250994	5.31	ng	99
77) Pyrene	12.82	202	207583	4.93	ng	98
82) Chrysene	14.04	228	79111m	2.61	ng	
87) Benzo(b)fluoranthene	15.04	252	87570m	2.87	ng	

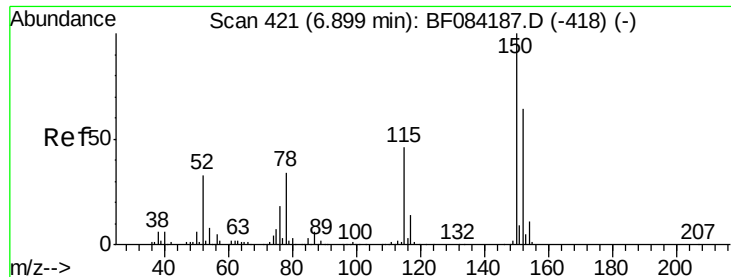
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084362.D
Acq On : 10 Jan 2016 13:59
Operator : SJ/UM
Sample : H1043-09 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5S(0-10)

Quant Time: Jan 11 04:34:15 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration



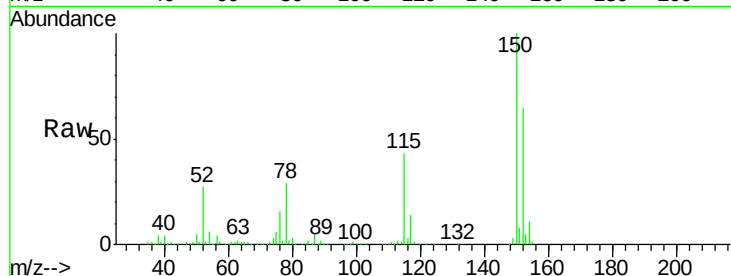


#1

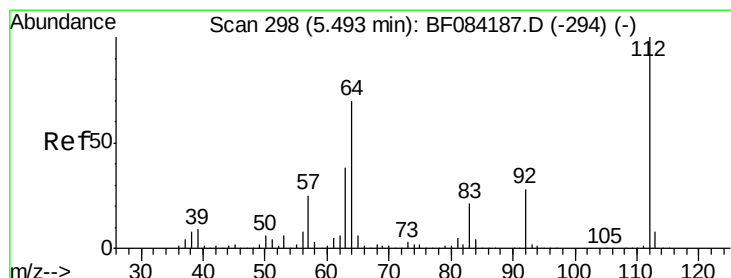
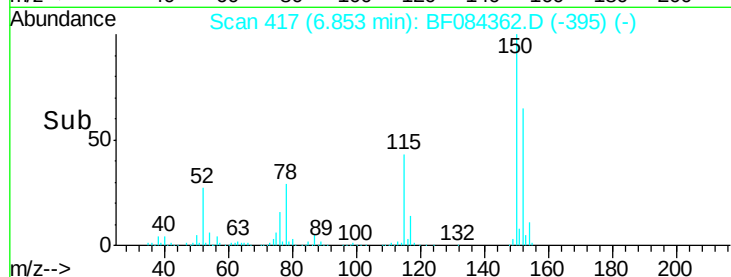
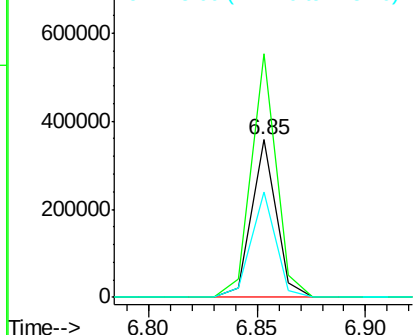
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF084362.D
Acq: 10 Jan 2016 13:59

Instrument :
BNA_F
ClientSampleId :
SB-5S(0-10)

Tot Ion:152 Resp: 284094
Ion Ratio Lower Upper
152 100
150 154.3 123.0 184.4
115 66.7 51.4 77.2



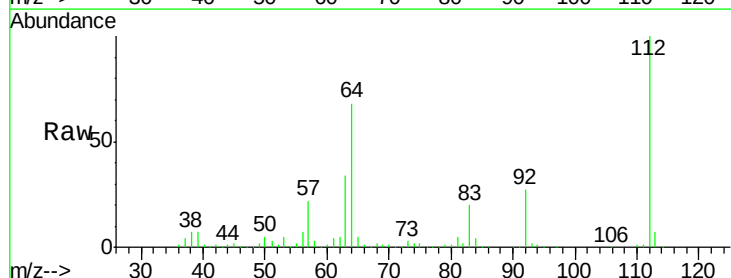
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



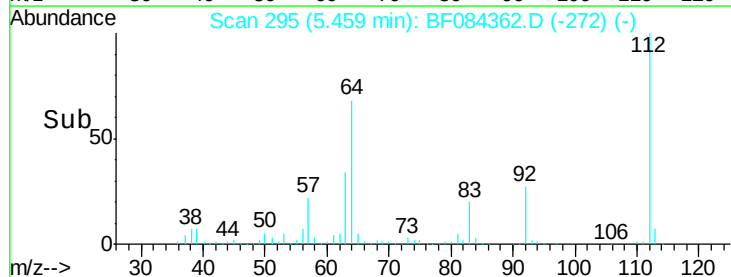
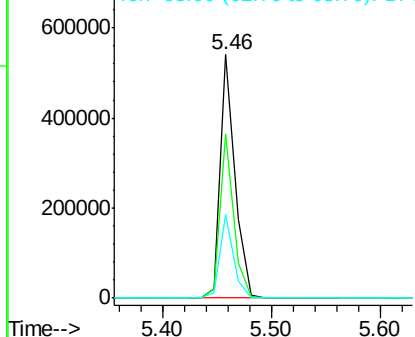
#5

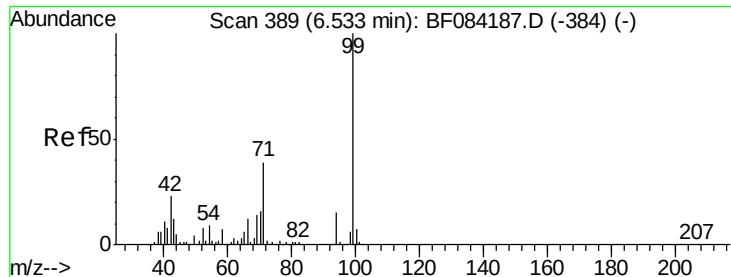
2-Fluorophenol
Concen: 29.24 ng
RT: 5.46 min Scan# 295
Delta R.T. -0.03 min
Lab File: BF084362.D
Acq: 10 Jan 2016 13:59

Tgt Ion:112 Resp: 513492
Ion Ratio Lower Upper
112 100
64 67.6 36.6 55.0#
63 34.4 19.4 29.0#



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: 30.99 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF084362.D

Acq: 10 Jan 2016 13:59

Instrument :

BNA_F

ClientSampleId :

SB-5S(0-10)

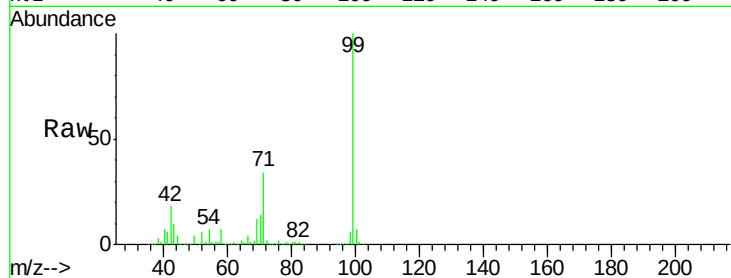
Tot Ion: 99 Resp: 683524

Ion Ratio Lower Upper

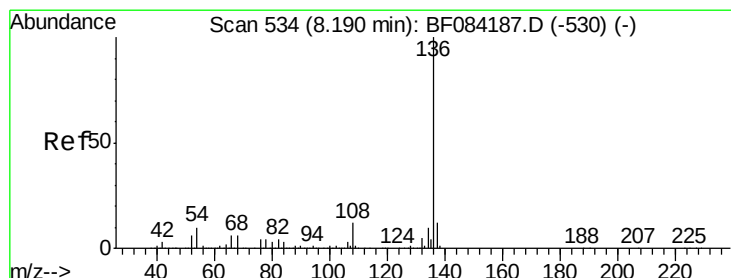
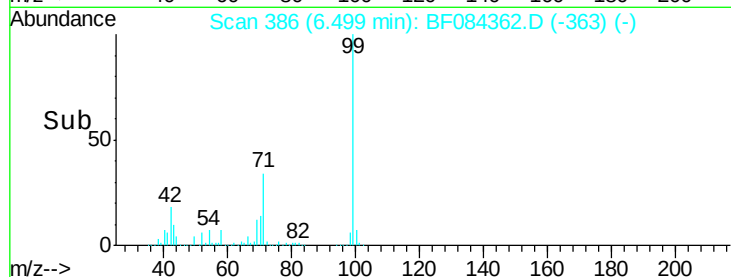
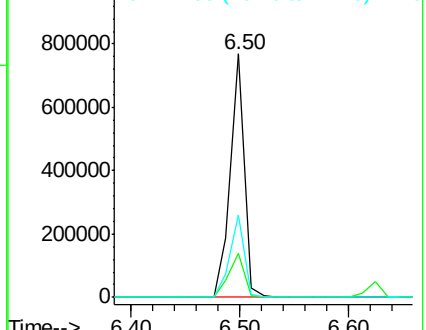
99 100

42 18.1 12.8 19.2

71 33.7 30.9 46.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF084362.D

Acq: 10 Jan 2016 13:59

Tgt Ion: 136 Resp: 1145699

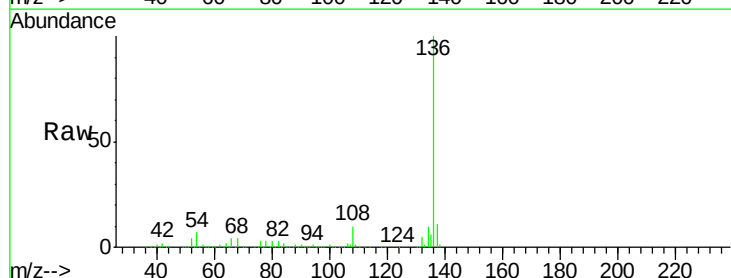
Ion Ratio Lower Upper

136 100

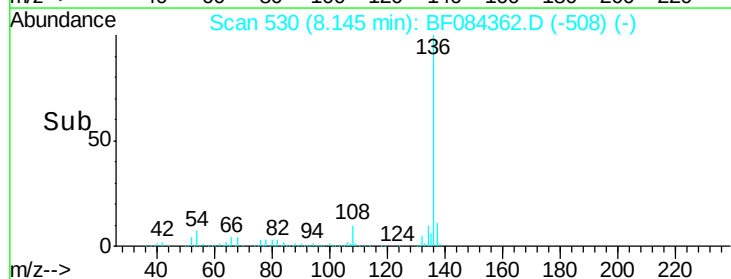
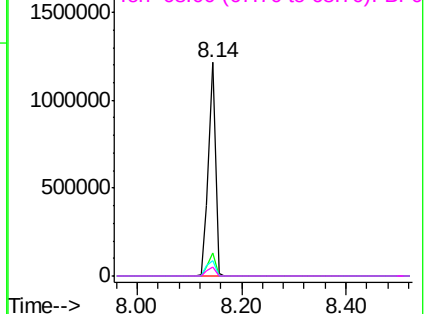
137 11.1 8.7 13.1

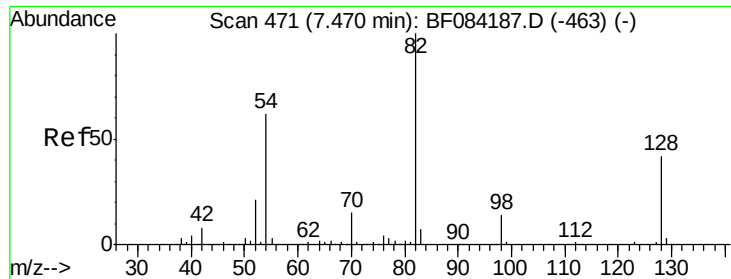
54 7.2 5.8 8.8

68 4.0 4.2 6.2#



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

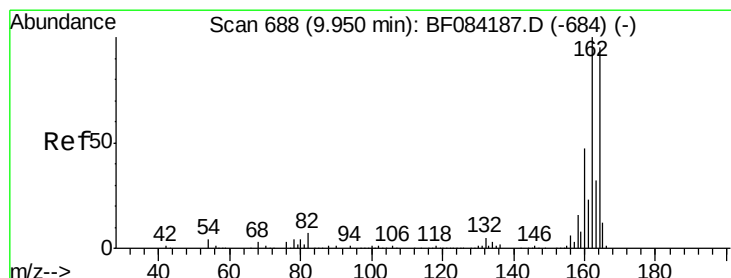
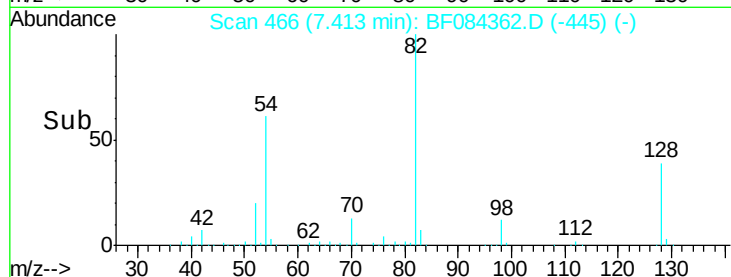
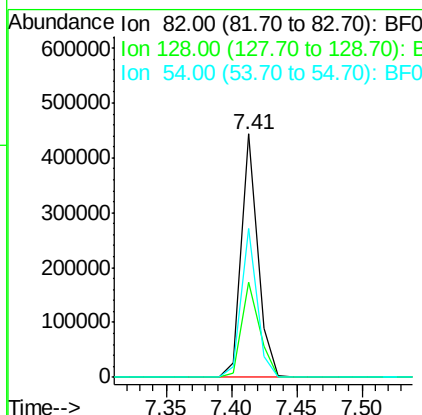
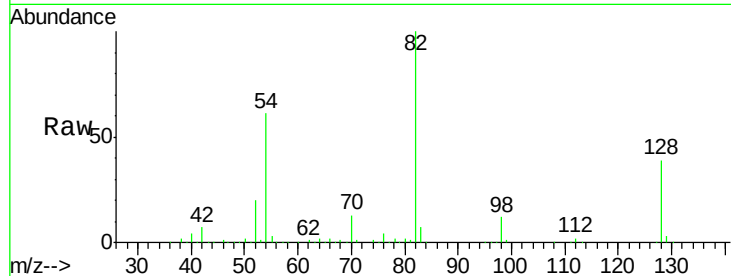




#23
 Nitrobenzene-d5
 Concen: 18.82 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.06 min
 Lab File: BF084362.D
 Acq: 10 Jan 2016 13:59

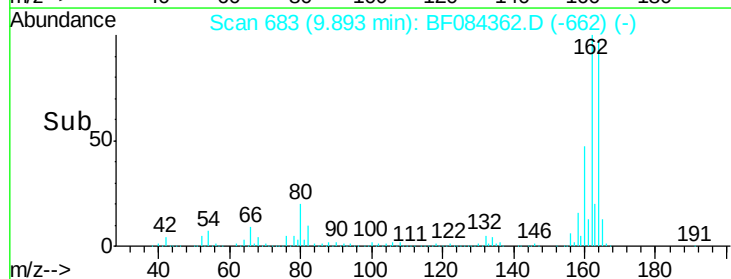
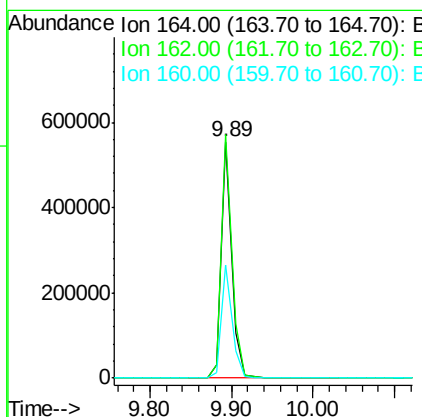
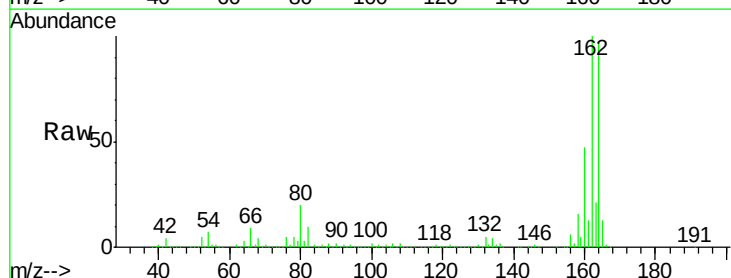
Instrument :
 BNA_F
 ClientSampleId :
 SB-5S(0-10)

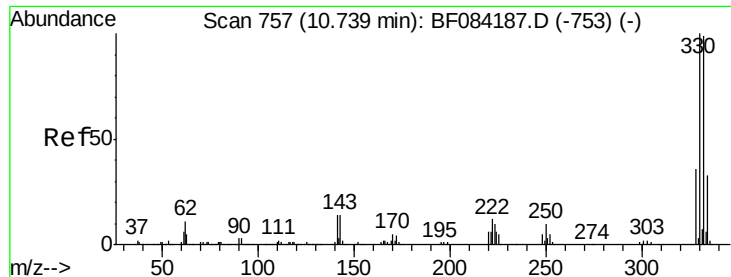
Tot Ion	82	Resp	387496
Ion Ratio	100	Lower	Upper
128	38.8	34.6	51.8
54	61.0	38.4	57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.06 min
 Lab File: BF084362.D
 Acq: 10 Jan 2016 13:59

Tgt Ion	164	Resp	485365
Ion Ratio	100	Lower	Upper
162	103.1	85.1	127.7
160	48.1	37.5	56.3

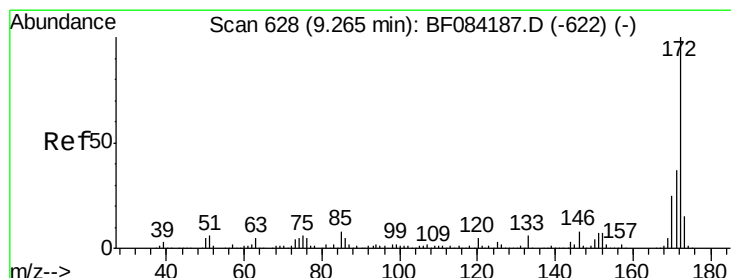
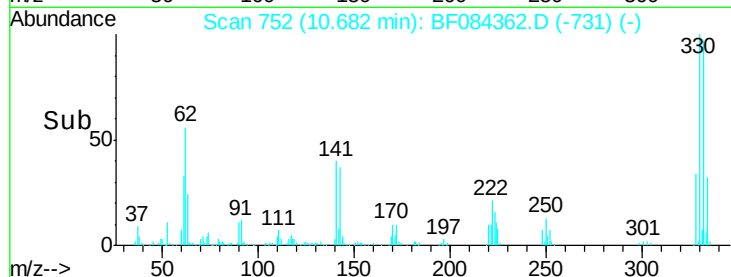
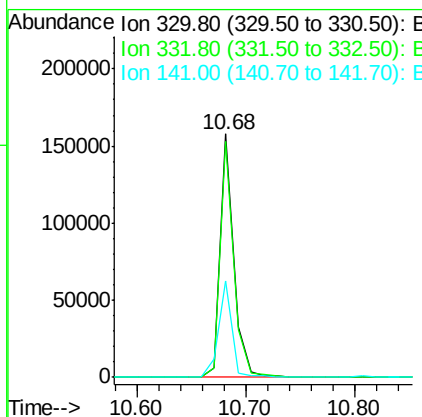
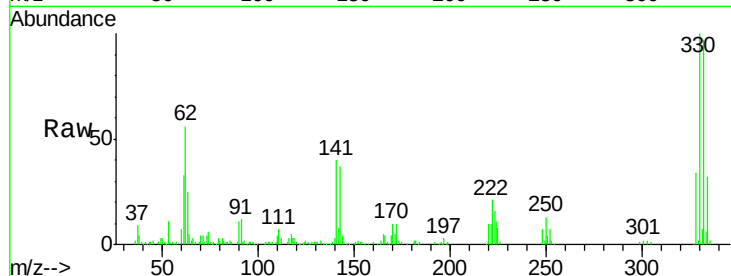




#41
 2,4,6-Tribromophenol
 Concen: 28.55 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.06 min
 Lab File: BF084362.D
 Acq: 10 Jan 2016 13:59

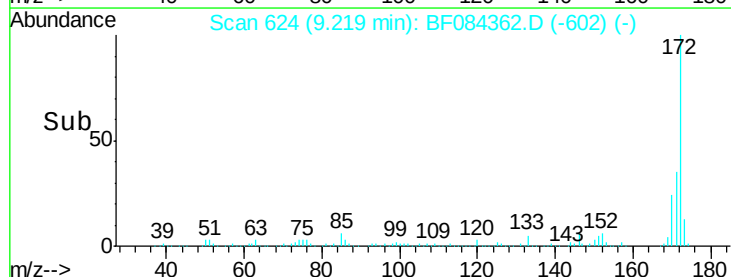
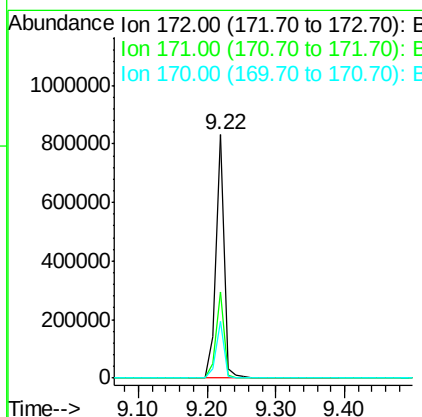
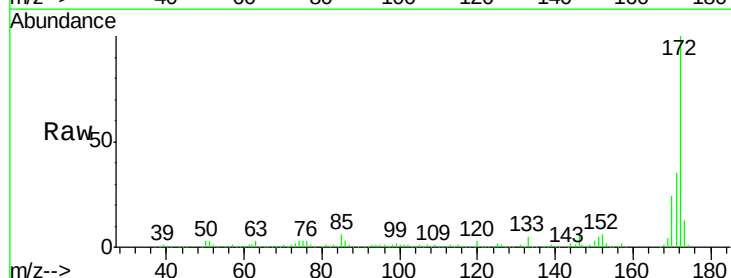
Instrument :
 BNA_F
 ClientSampleId :
 SB-5S(0-10)

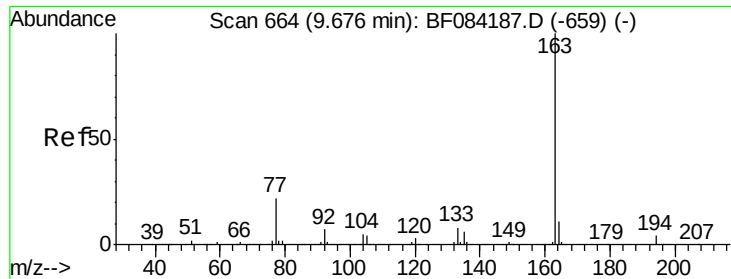
Tot Ion	330	Resp	139900
Ion Ratio	100		
Lower	76.6		
Upper	114.8		
332	96.4		
141	39.8		
	27.8		
	41.6		



#44
 2-Fluorobiphenyl
 Concen: 21.09 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.05 min
 Lab File: BF084362.D
 Acq: 10 Jan 2016 13:59

Tgt Ion	172	Resp	713110
Ion Ratio	100		
Lower	28.9		
Upper	43.3		
171	35.4		
170	23.5		
	18.6		
	27.8		

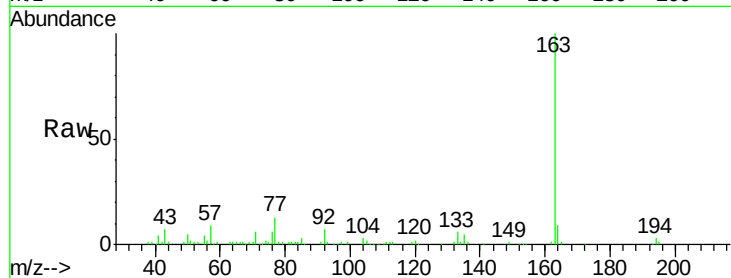




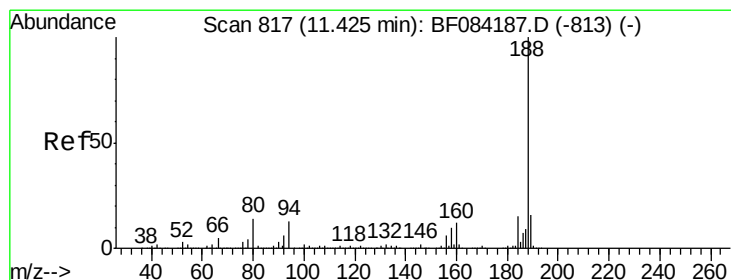
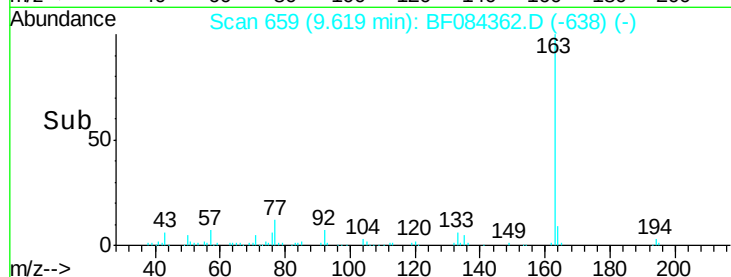
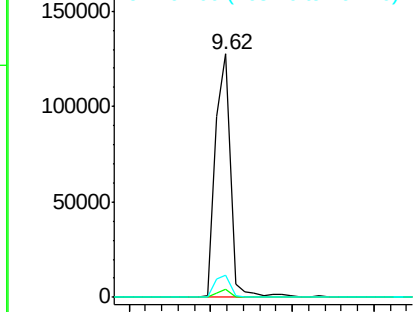
#49
Dimethylphthalate
Concen: 4.77 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.06 min
Lab File: BF084362.D
Acq: 10 Jan 2016 13:59

Instrument :
BNA_F
ClientSampleId :
SB-5S(0-10)

Tot Ion:163 Resp: 165446
Ion Ratio Lower Upper
163 100
194 3.5 8.0 12.0#
164 9.2 8.0 12.0

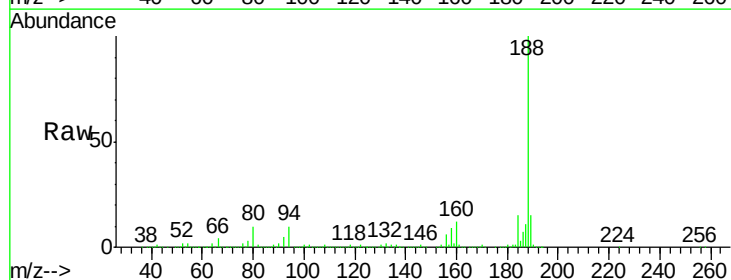


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

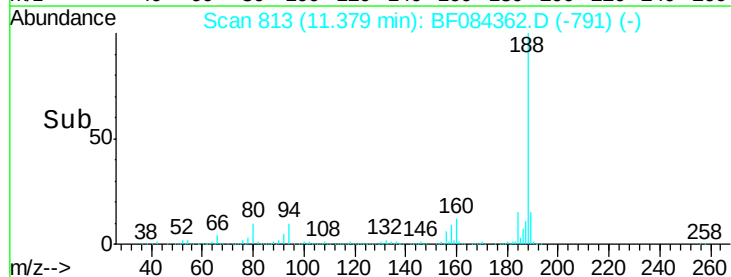
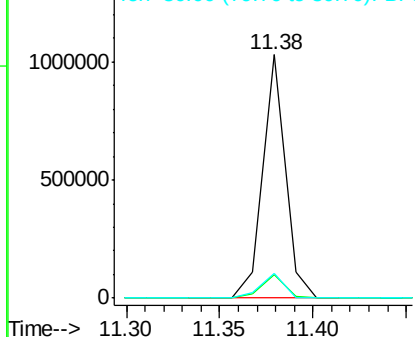


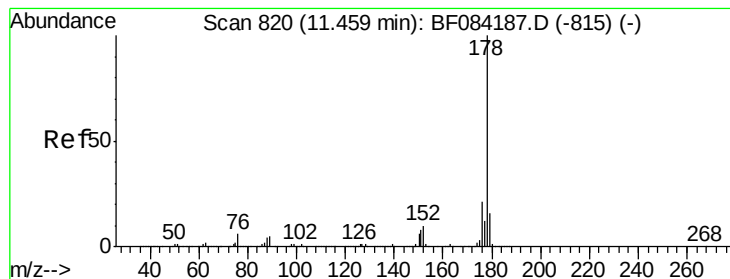
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.05 min
Lab File: BF084362.D
Acq: 10 Jan 2016 13:59

Tgt Ion:188 Resp: 865240
Ion Ratio Lower Upper
188 100
94 9.7 9.0 13.4
80 10.1 9.6 14.4



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: 4.43 ng

RT: 11.40 min Scan# 815

Delta R.T. -0.06 min

Lab File: BF084362.D

Acq: 10 Jan 2016 13:59

Instrument :

BNA_F

ClientSampleId :

SB-5S(0-10)

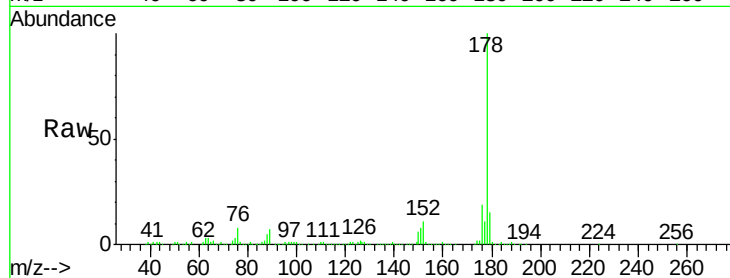
Tot Ion:178 Resp: 200387

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

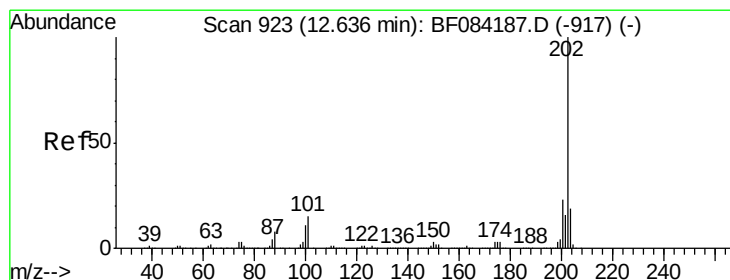
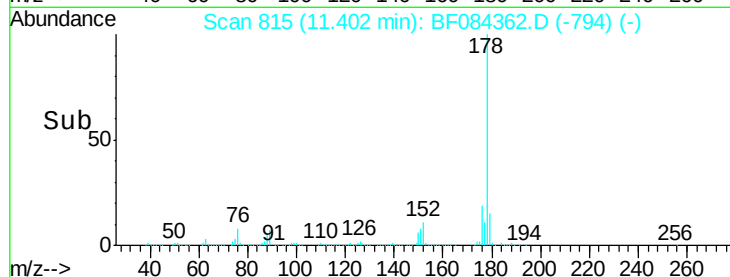
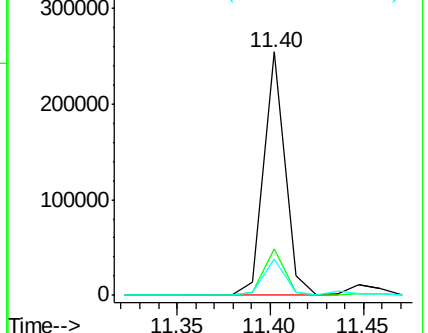
179 15.0 12.0 18.0



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: 5.31 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.05 min

Lab File: BF084362.D

Acq: 10 Jan 2016 13:59

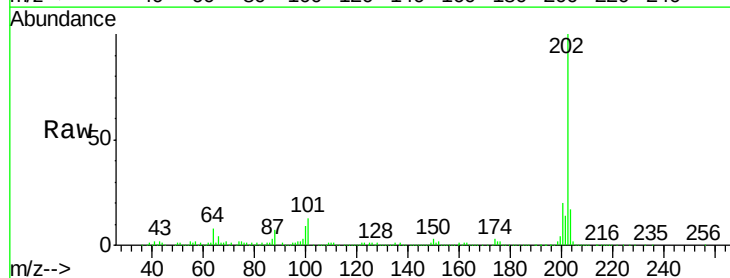
Tgt Ion:202 Resp: 250994

Ion Ratio Lower Upper

202 100

101 12.6 0.0 32.8

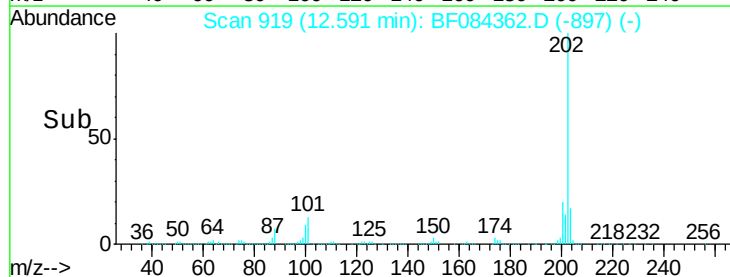
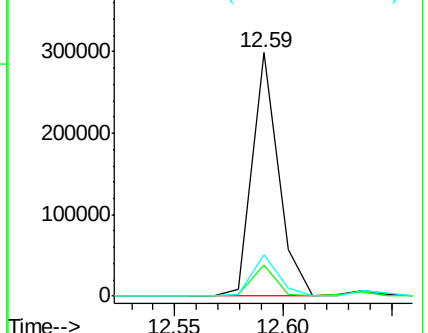
203 17.1 0.0 37.9

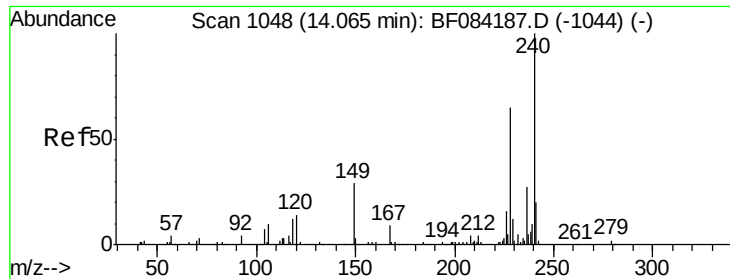


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.02 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF084362.D

Acq: 10 Jan 2016 13:59

Instrument :

BNA_F

ClientSampleId :

SB-5S(0-10)

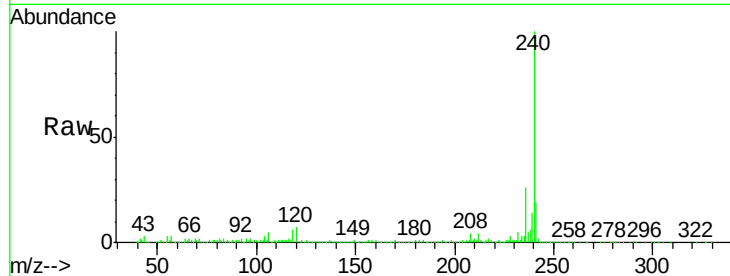
Tot Ion:240 Resp: 536238

Ion Ratio Lower Upper

240 100

120 7.0 9.5 14.3#

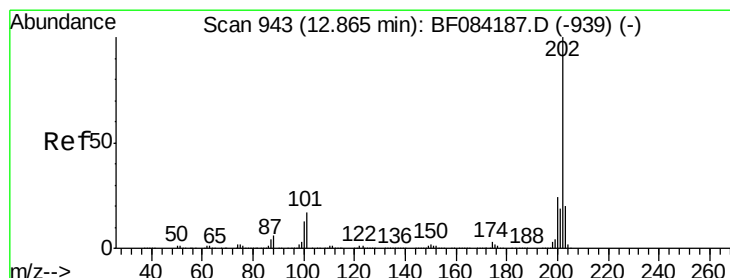
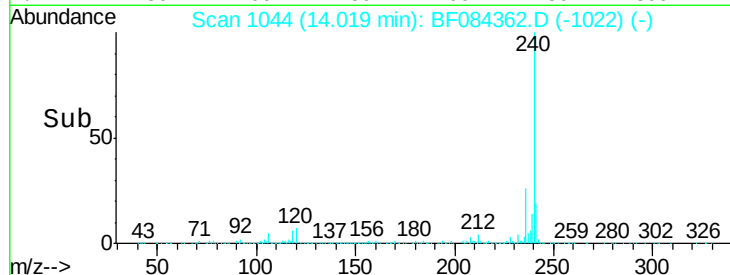
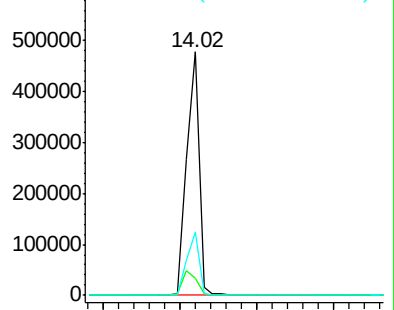
236 25.8 20.6 31.0



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: 4.93 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.05 min

Lab File: BF084362.D

Acq: 10 Jan 2016 13:59

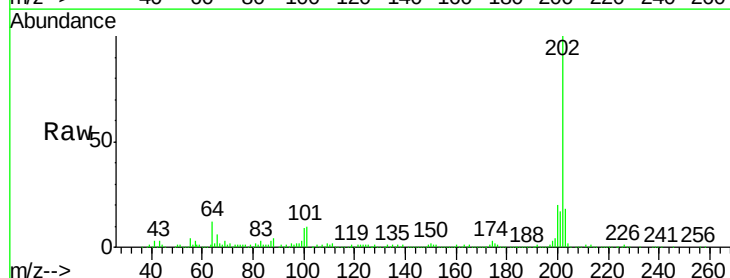
Tgt Ion:202 Resp: 207583

Ion Ratio Lower Upper

202 100

200 20.2 17.2 25.8

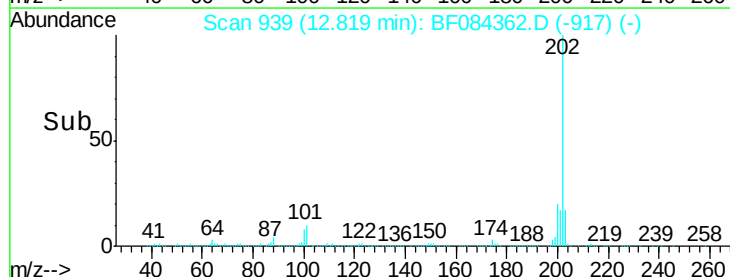
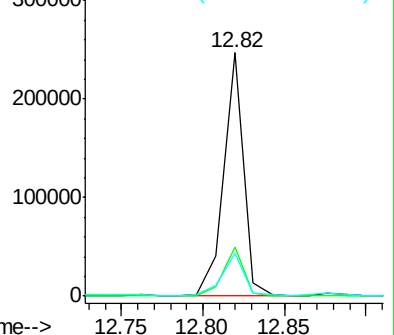
203 17.6 14.3 21.5

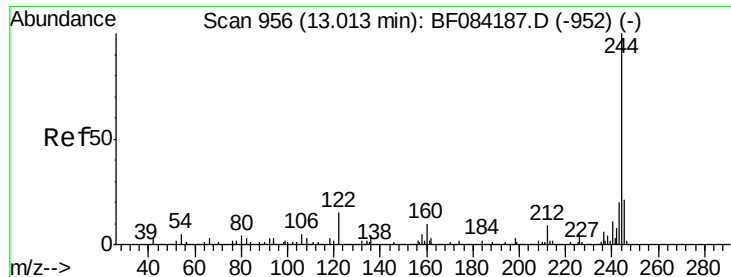


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

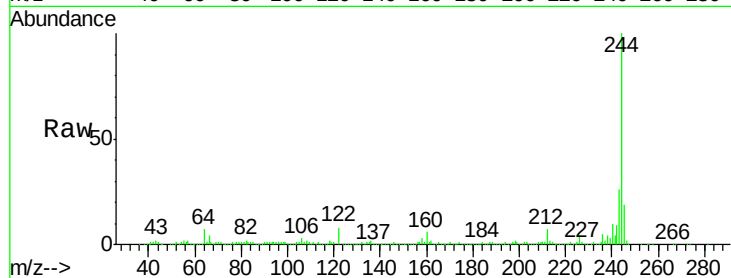




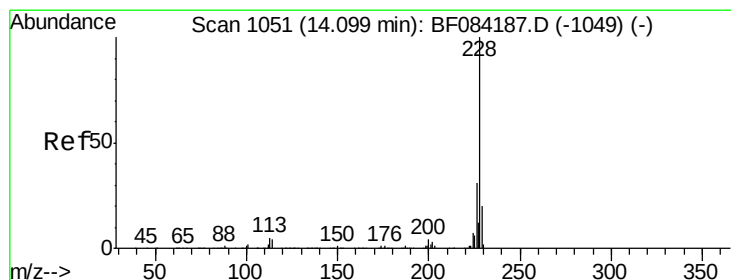
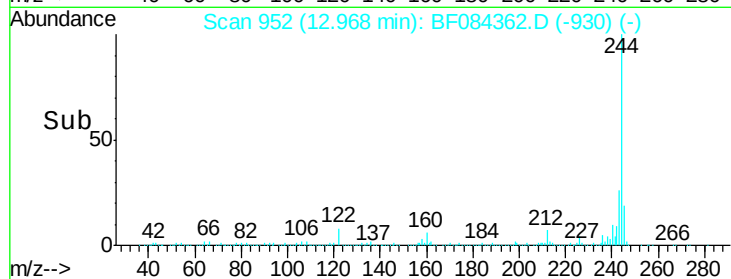
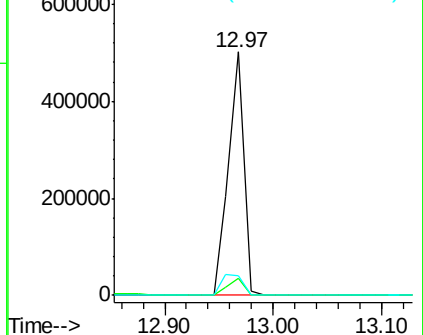
#78
 Terphenyl-d14
 Concen: 20.60 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.05 min
 Lab File: BF084362.D
 Acq: 10 Jan 2016 13:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-5S(0-10)

Tot Ion:244 Resp: 494840
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 7.9 7.4 11.0

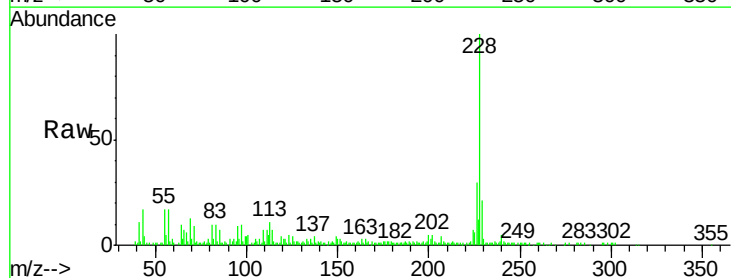


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

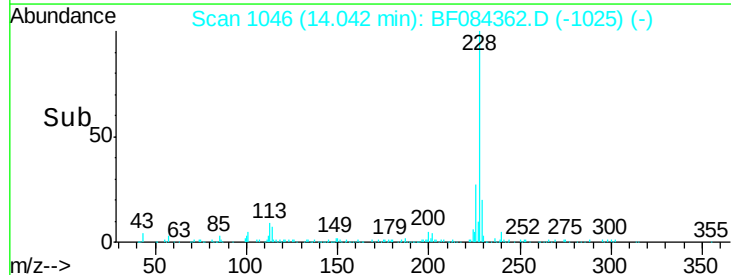
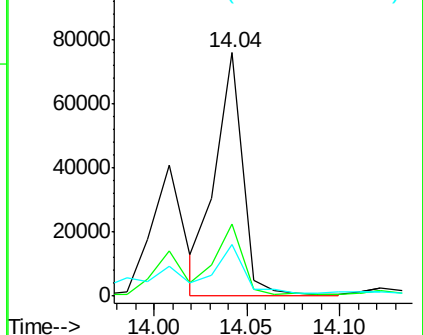


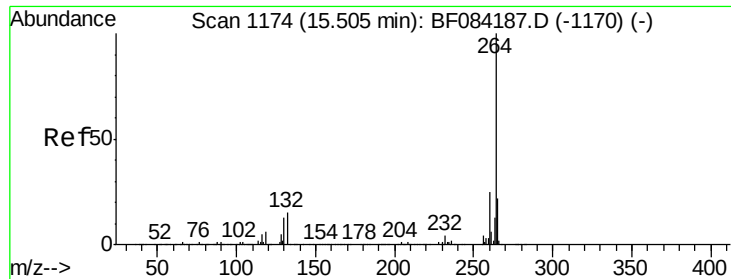
#82
 Chrysene
 Concen: 2.61 ng m
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.06 min
 Lab File: BF084362.D
 Acq: 10 Jan 2016 13:59

Tgt Ion:228 Resp: 79111
 Ion Ratio Lower Upper
 228 100
 226 29.5 24.3 36.5
 229 21.0 16.1 24.1



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

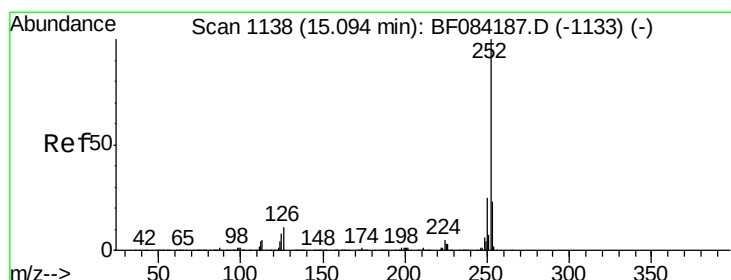
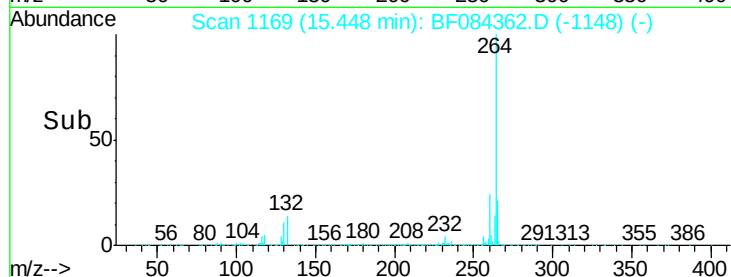
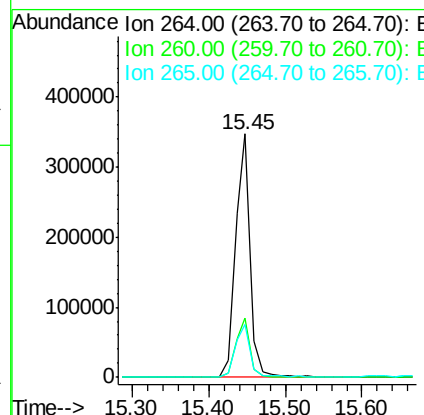
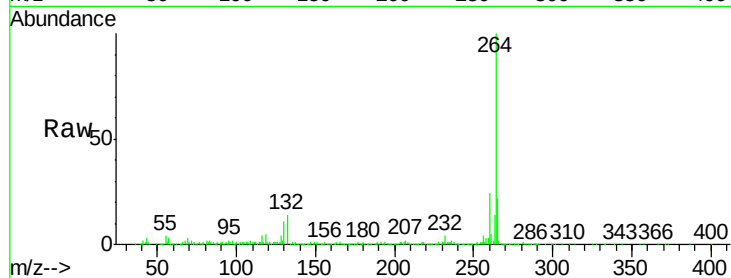




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.06 min
Lab File: BF084362.D
Acq: 10 Jan 2016 13:59

Instrument :
BNA_F
ClientSampleId :
SB-5S(0-10)

Tot	Ion:264	Resp:	467149
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.5	17.8	26.6



#87
Benzo(b)fluoranthene
Concen: 2.87 ng m
RT: 15.04 min Scan# 1133
Delta R.T. -0.06 min
Lab File: BF084362.D
Acq: 10 Jan 2016 13:59

Tgt	Ion:252	Resp:	87570
Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.3	25.9
125	16.3	6.5	9.7#

