

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
 Data File : BF084488.D
 Acq On : 15 Jan 2016 13:58
 Operator : SJ/UM
 Sample : PB87825BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87825BL

Quant Time: Jan 16 02:12:39 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 16 01:26:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	274287	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	1167569	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	543892	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	951871	20.00	ng	0.01
75) Chrysene-d12	13.99	240	601123	20.00	ng	0.00
86) Perylene-d12	15.40	264	492806	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1309145	77.20	ng	0.01
7) Phenol-d6	6.46	99	1622619	76.19	ng	0.00
23) Nitrobenzene-d5	7.39	82	1477653	70.44	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	389180	70.88	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	2448240	78.72	ng	0.00
78) Terphenyl-d14	12.94	244	1991025	73.93	ng	0.01

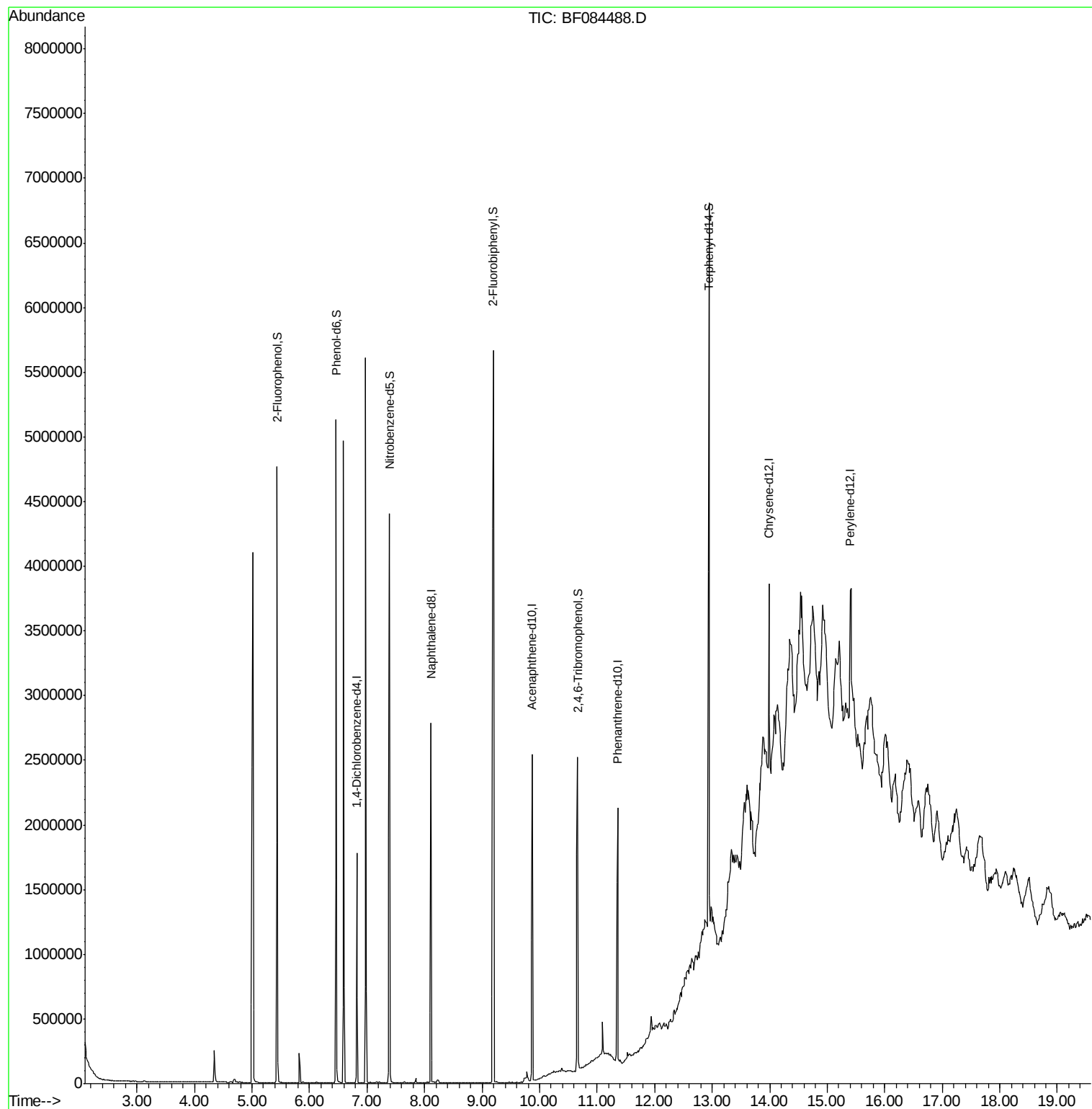
Target Compounds Qvalue

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

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Quant Time: Jan 16 02:12:39 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 16 01:26:38 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF084488.D

Acq: 15 Jan 2016 13:58

Instrument :

BNA_F

ClientSampled :

PB87825BL

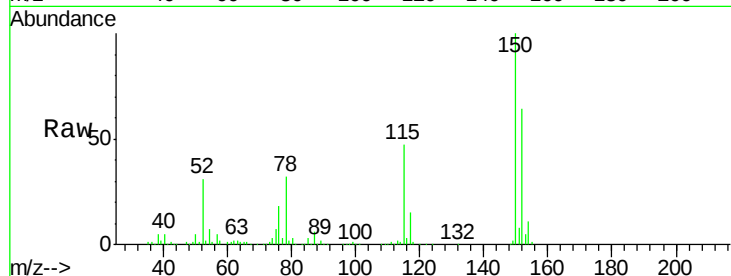
Tot Ion:152 Resp: 274287

Ion Ratio Lower Upper

152 100

150 156.8 123.0 184.4

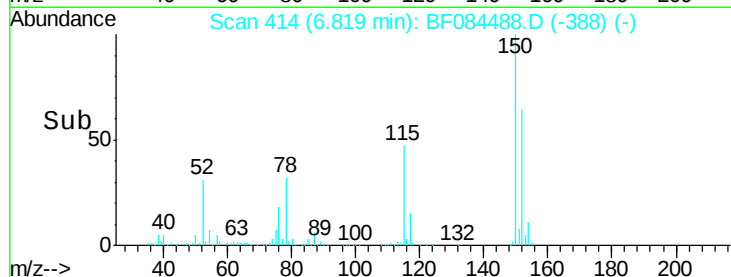
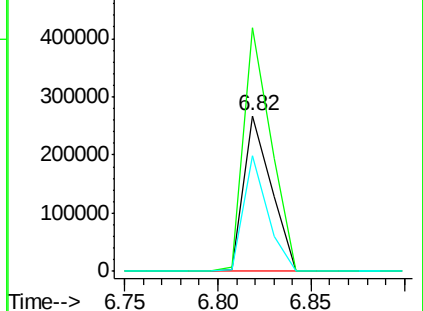
115 74.2 51.4 77.2



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: 77.20 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF084488.D

Acq: 15 Jan 2016 13:58

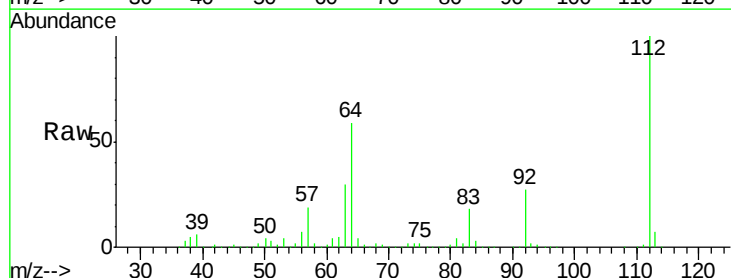
Tgt Ion:112 Resp: 1309145

Ion Ratio Lower Upper

112 100

64 59.3 36.6 55.0#

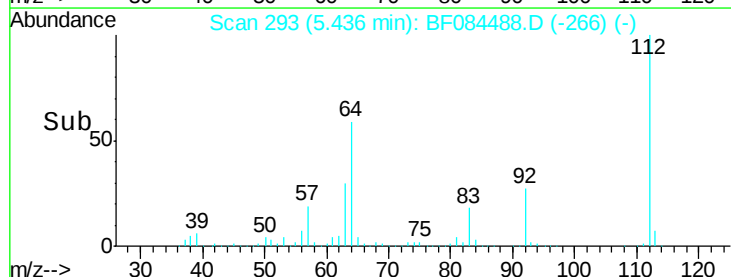
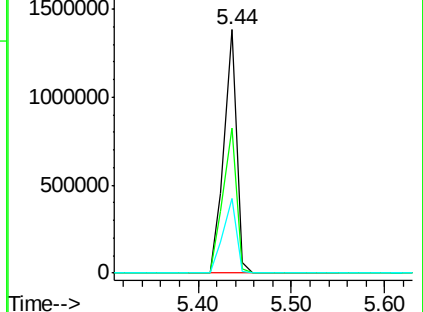
63 30.4 19.4 29.0#

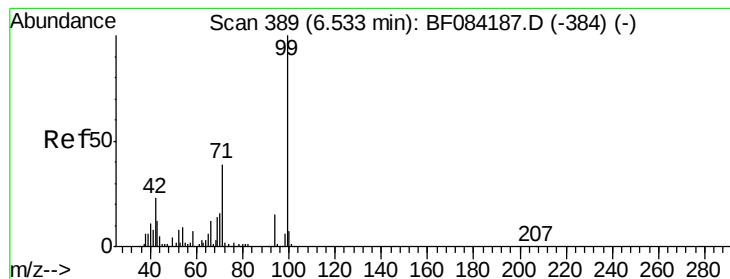


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 76.19 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF084488.D

Acq: 15 Jan 2016 13:58

Instrument :

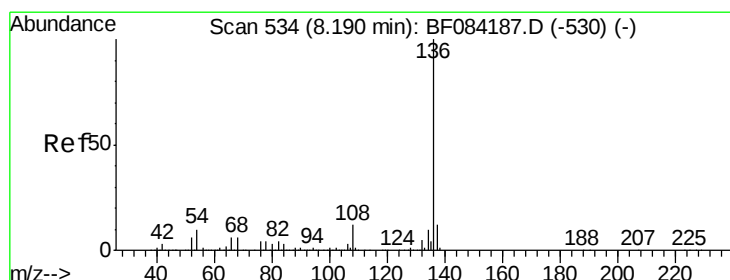
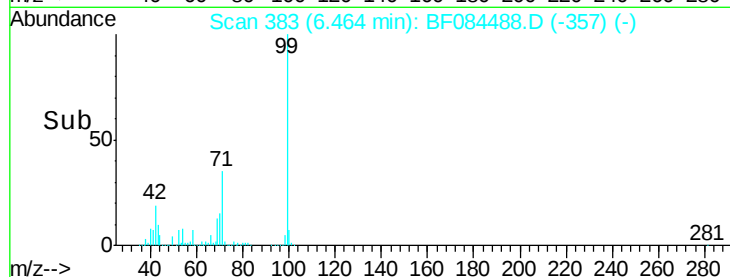
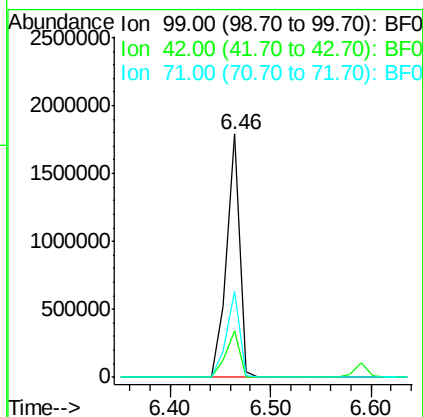
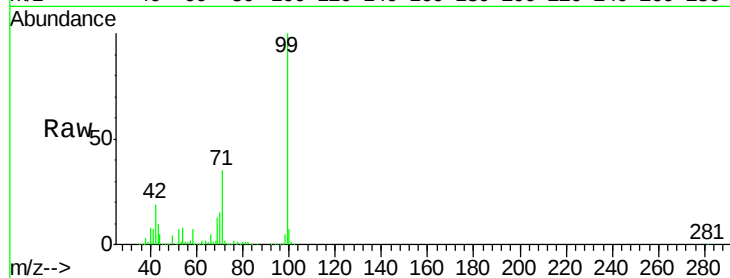
BNA_F

ClientSampleId :

PB87825BL

Tot Ion: 99 Resp: 1622619

Ion	Ratio	Lower	Upper
99	100		
42	19.2	12.8	19.2#
71	35.4	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

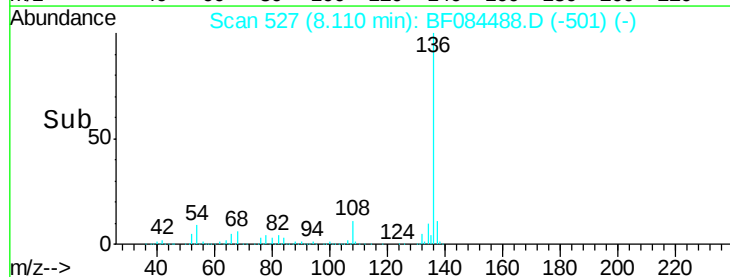
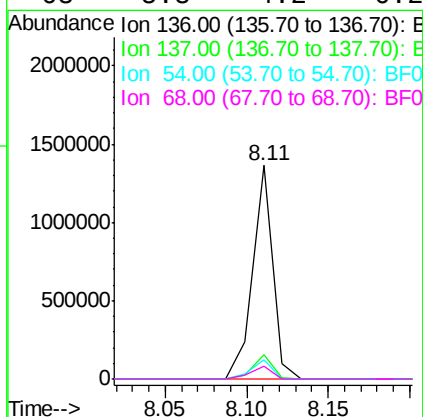
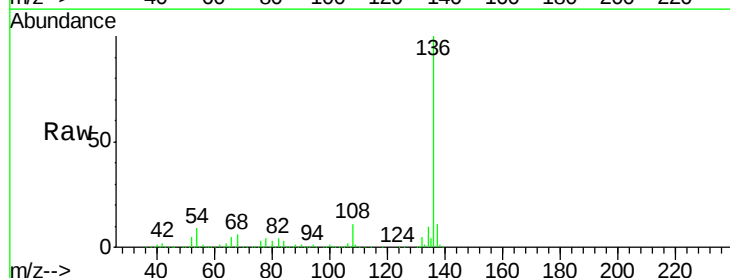
Delta R.T. -0.00 min

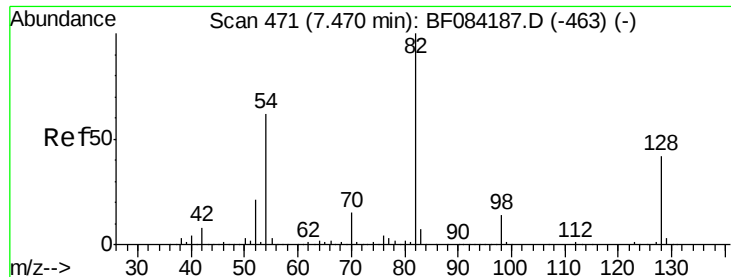
Lab File: BF084488.D

Acq: 15 Jan 2016 13:58

Tgt Ion: 136 Resp: 1167569

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	9.0	5.8	8.8#
68	5.8	4.2	6.2





#23

Nitrobenzene-d5

Concen: 70.44 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF084488.D

Acq: 15 Jan 2016 13:58

Instrument :

BNA_F

ClientSampleId :

PB87825BL

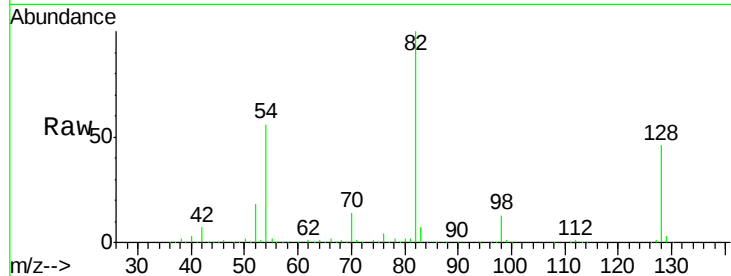
Tot Ion: 82 Resp: 1477653

Ion Ratio Lower Upper

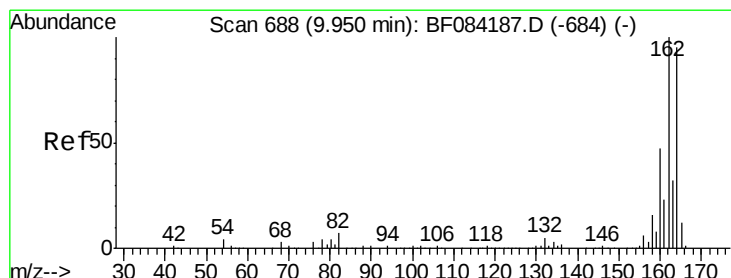
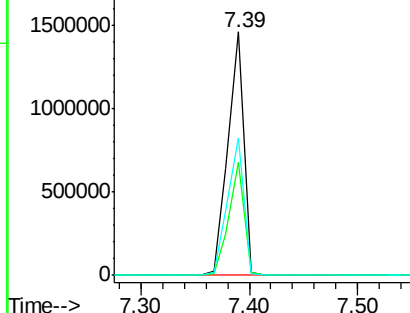
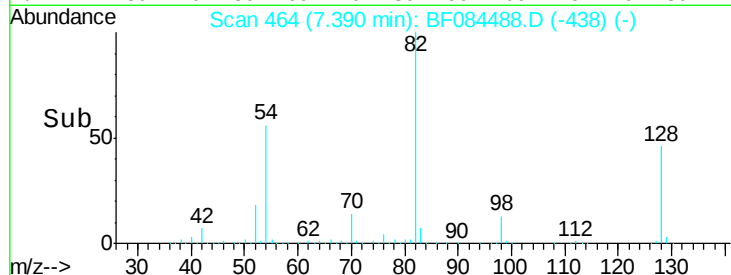
82 100

128 46.2 34.6 51.8

54 56.4 38.4 57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF084488.D

Acq: 15 Jan 2016 13:58

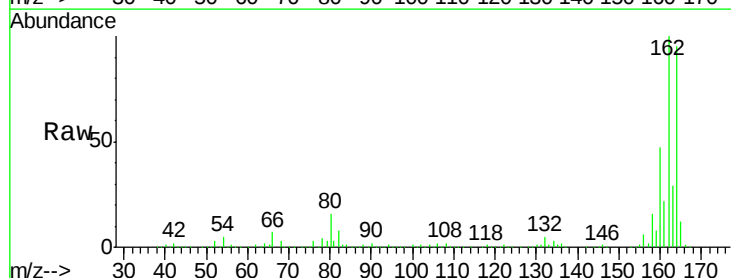
Tgt Ion:164 Resp: 543892

Ion Ratio Lower Upper

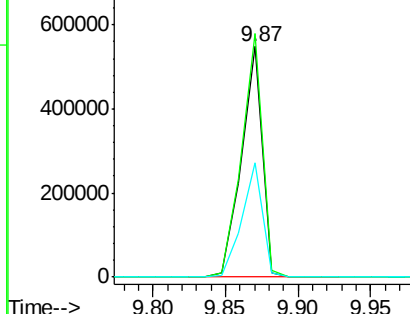
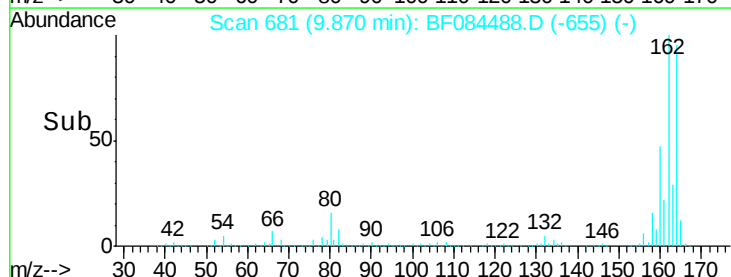
164 100

162 105.7 85.1 127.7

160 49.7 37.5 56.3



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

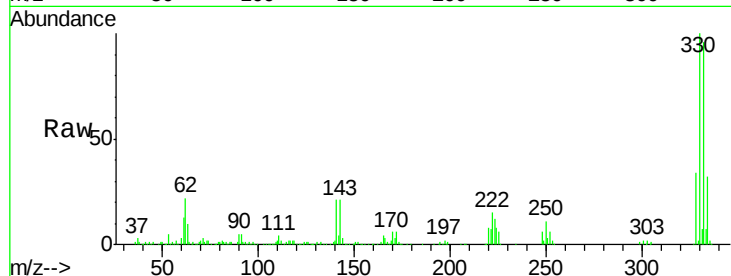




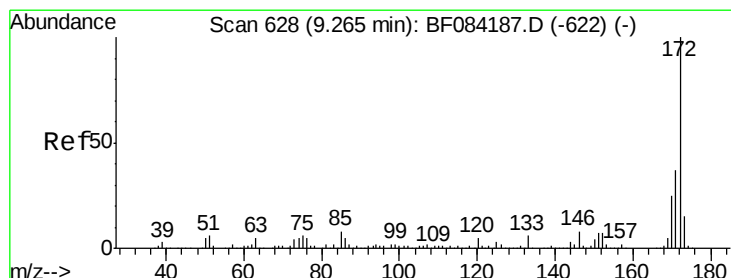
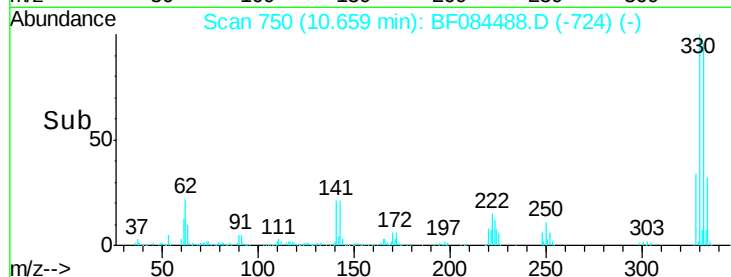
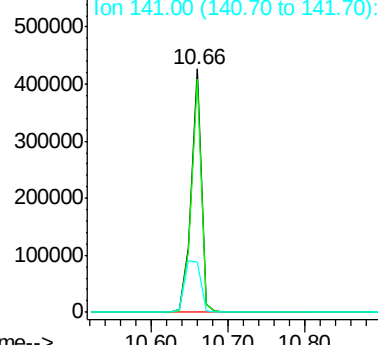
#41
 2,4,6-Tribromophenol
 Concen: 70.88 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF084488.D
 Acq: 15 Jan 2016 13:58

Instrument :
 BNA_F
 ClientSampleId :
 PB87825BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	114.8
141	33.2	27.8	41.6

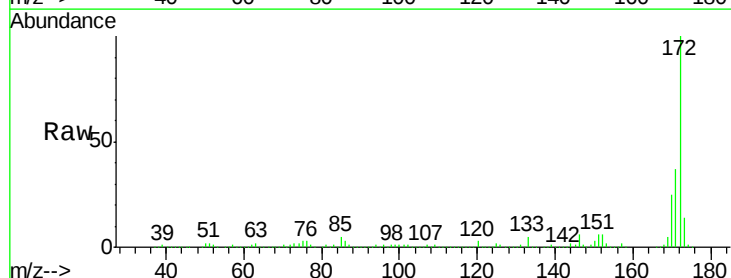


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

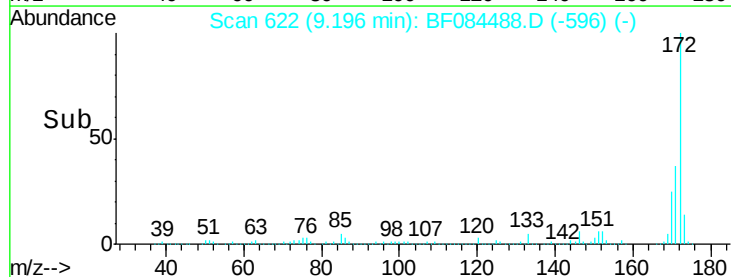
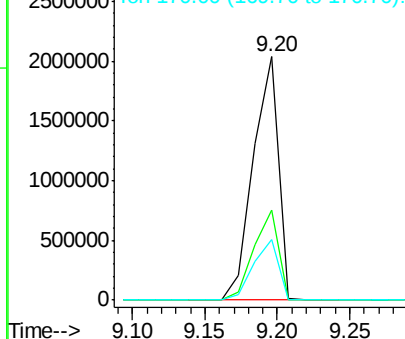


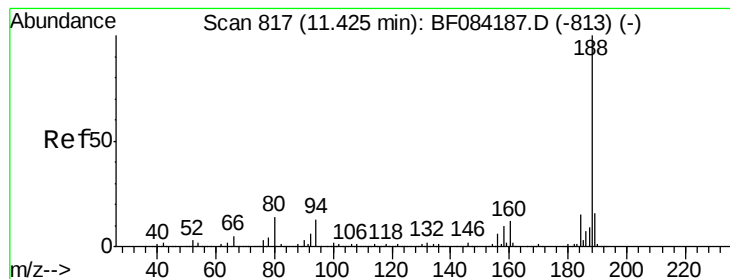
#44
 2-Fluorobiphenyl
 Concen: 78.72 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF084488.D
 Acq: 15 Jan 2016 13:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.9	43.3
170	25.1	18.6	27.8



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 811

Delta R.T. 0.01 min

Lab File: BF084488.D

Acq: 15 Jan 2016 13:58

Instrument :

BNA_F

ClientSampled :

PB87825BL

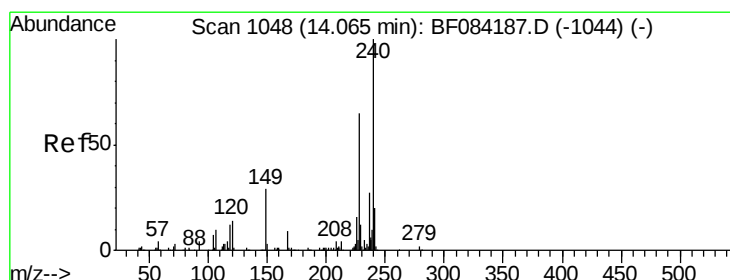
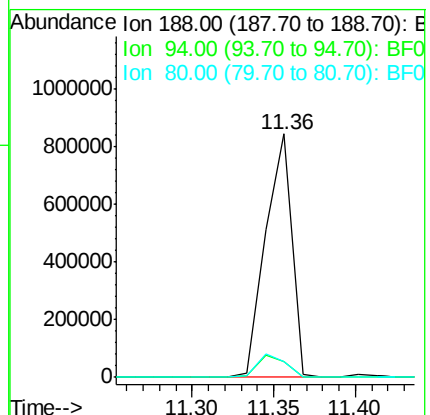
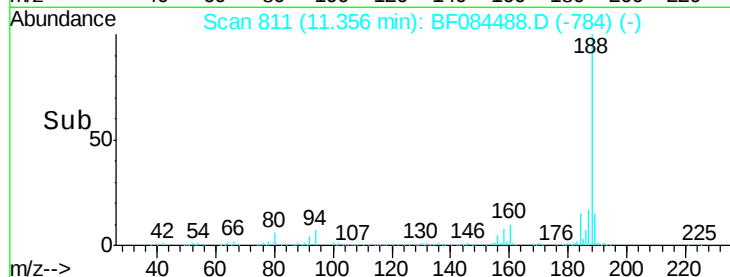
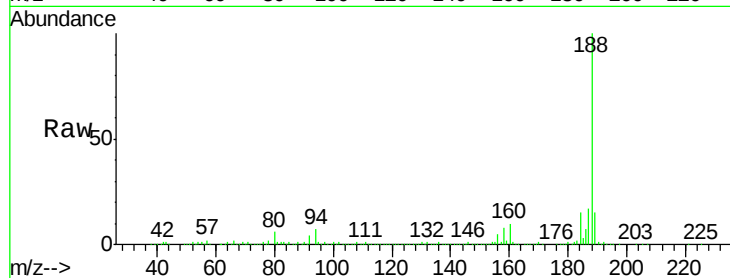
Tot Ion:188 Resp: 951871

Ion Ratio Lower Upper

188 100

94 6.7 9.0 13.4#

80 6.5 9.6 14.4#



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF084488.D

Acq: 15 Jan 2016 13:58

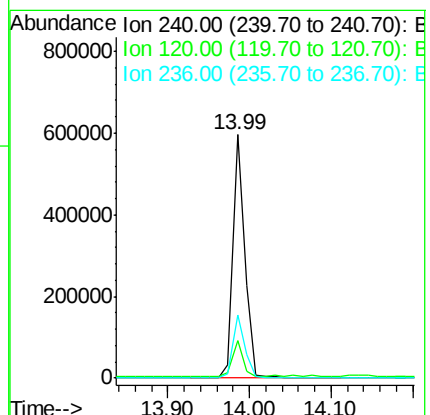
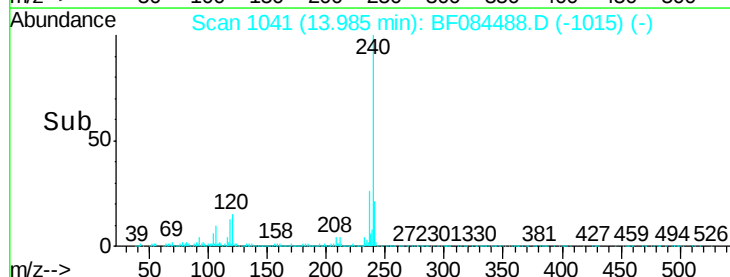
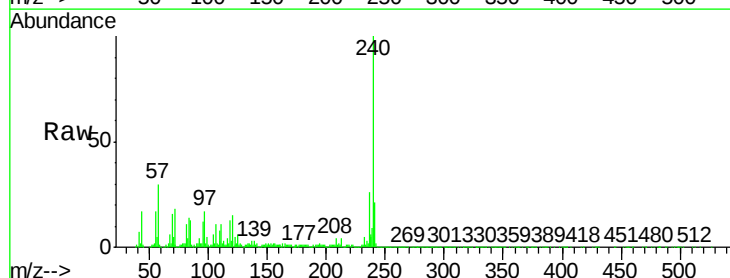
Tgt Ion:240 Resp: 601123

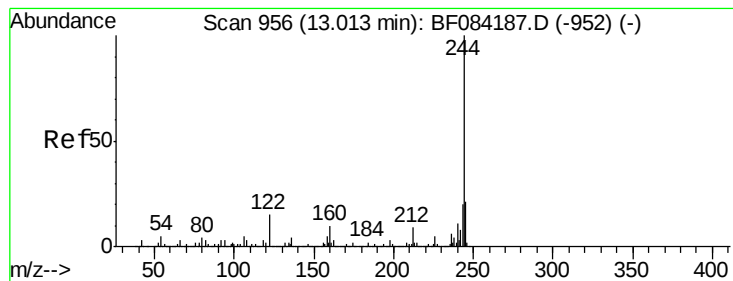
Ion Ratio Lower Upper

240 100

120 15.2 9.5 14.3#

236 26.1 20.6 31.0





#78

Terphenyl-d14

Concen: 73.93 ng

RT: 12.94 min Scan# 950

Delta R.T. 0.01 min

Lab File: BF084488.D

Acq: 15 Jan 2016 13:58

Instrument :

BNA_F

ClientSampleId :

PB87825BL

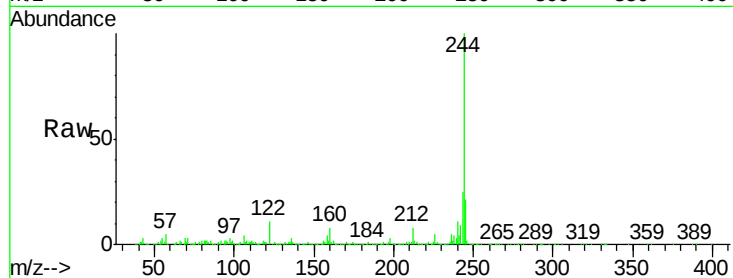
Tot Ion:244 Resp: 1991025

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

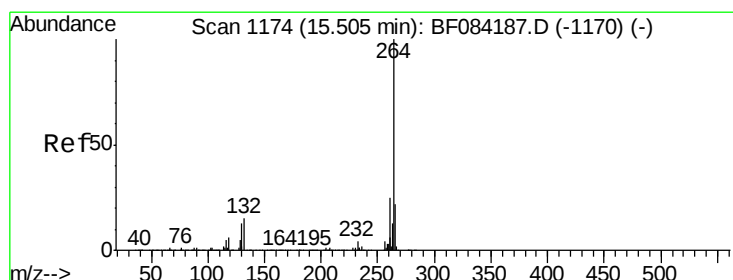
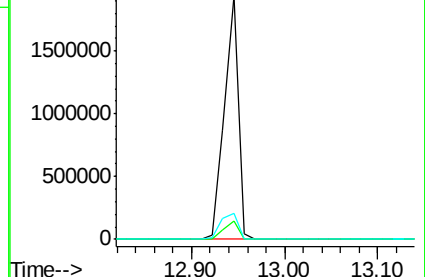
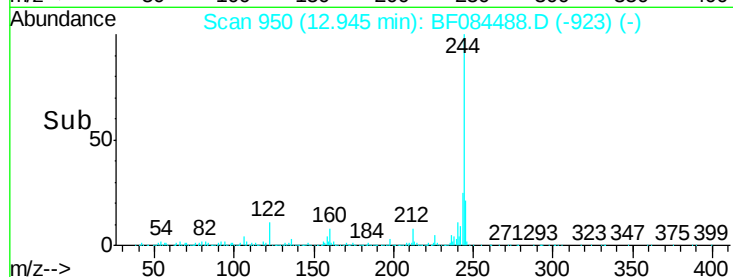
122 10.9 7.4 11.0



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.40 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF084488.D

Acq: 15 Jan 2016 13:58

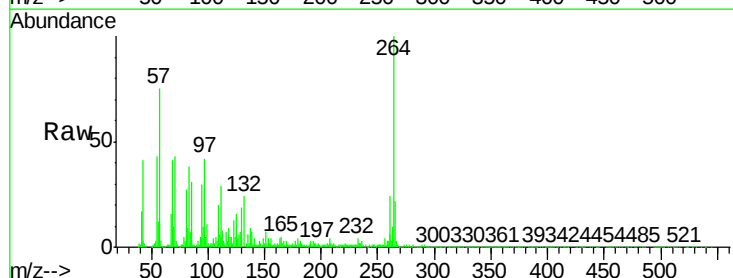
Tgt Ion:264 Resp: 492806

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

265 22.2 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

