

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
 Data File : BF080387.D
 Acq On : 8 Jul 2015 14:54
 Operator : TP/UM
 Sample : PB84381BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84381BL

Quant Time: Jul 09 01:30:18 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 09 01:25:24 2015
 Response via : Initial Calibration

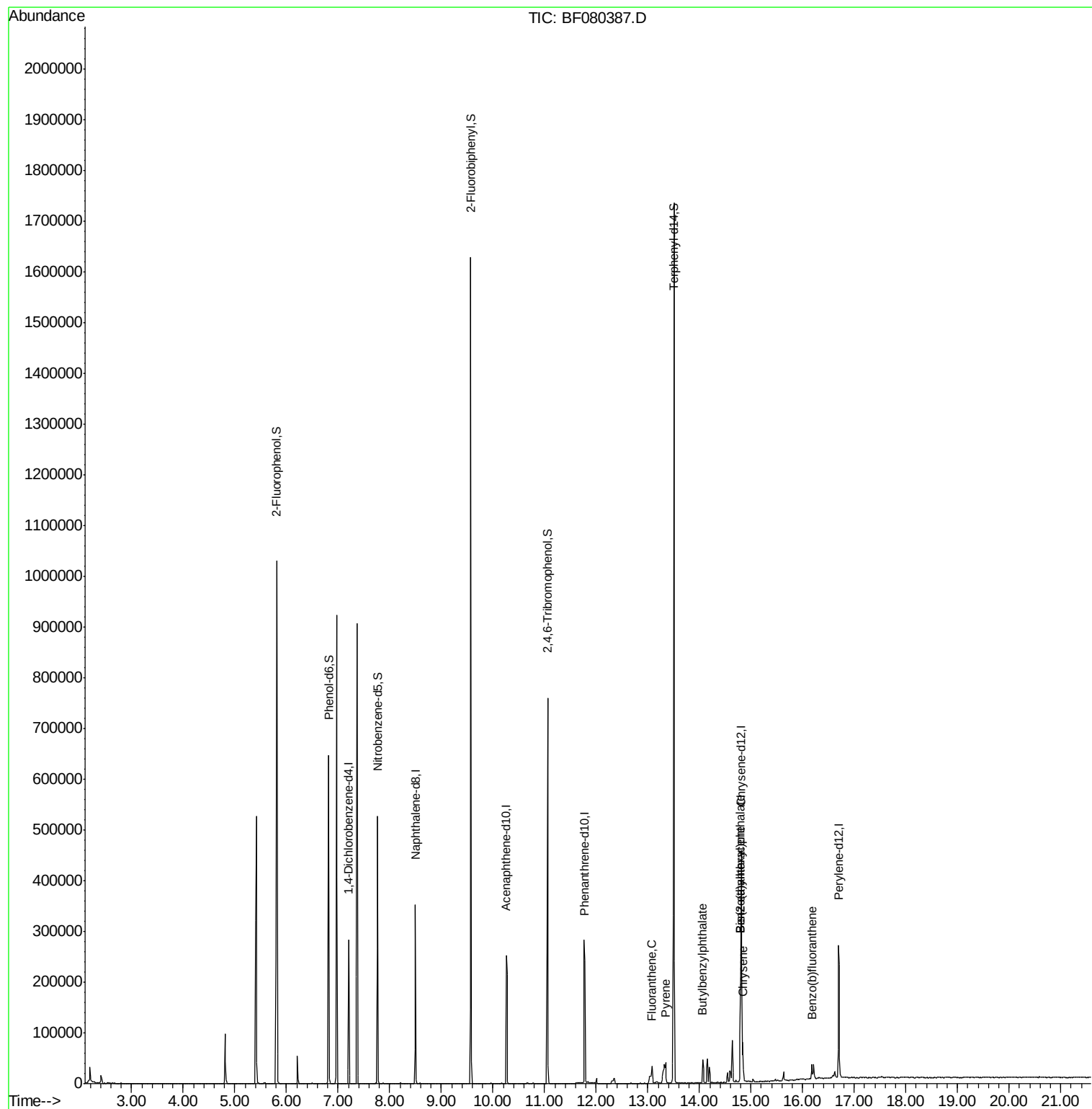
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.21	152	39416	20.00	ng	0.00
21) Naphthalene-d8	8.50	136	148362	20.00	ng	0.00
38) Acenaphthene-d10	10.26	164	69024	20.00	ng	-0.01
63) Phenanthrene-d10	11.78	188	152411	20.00	ng	0.00
75) Chrysene-d12	14.81	240	192500	20.00	ng	-0.03
86) Perylene-d12	16.69	264	163102	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.81	112	269022	125.00	ng	0.00
7) Phenol-d6	6.82	99	329000	115.33	ng	0.00
23) Nitrobenzene-d5	7.77	82	188758	74.21	ng	0.00
41) 2,4,6-Tribromophenol	11.06	330	89657	124.14	ng	0.00
44) 2-Fluorobiphenyl	9.57	172	440819	86.19	ng	0.00
78) Terphenyl-d14	13.51	244	579476	70.21	ng	-0.01
Target Compounds						Qvalue
74) Fluoranthene	13.08	202	41484	4.22	ng	99
77) Pyrene	13.35	202	48264	4.15	ng	99
79) Butylbenzylphthalate	14.07	149	14666	3.16	ng	# 78
80) Benzo(a)anthracene	14.80	228	61705	5.32	ng	99
82) Chrysene	14.84	228	46149	4.25	ng	99
83) Bis(2-ethylhexyl)phthalate	14.80	149	19946	2.82	ng	99
87) Benzo(b)fluoranthene	16.18	252	21979	2.14	ng	98

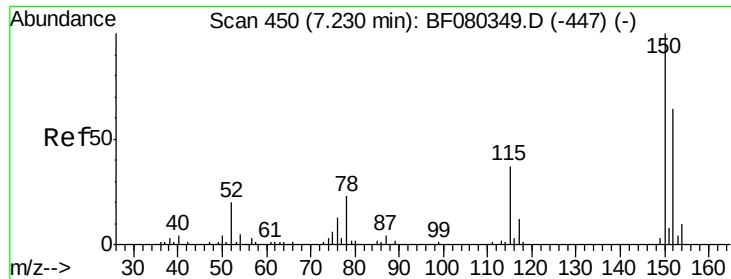
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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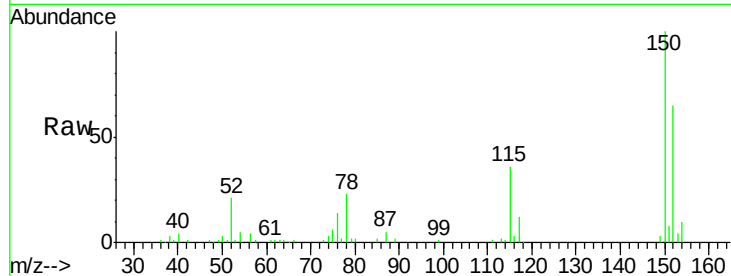


#1

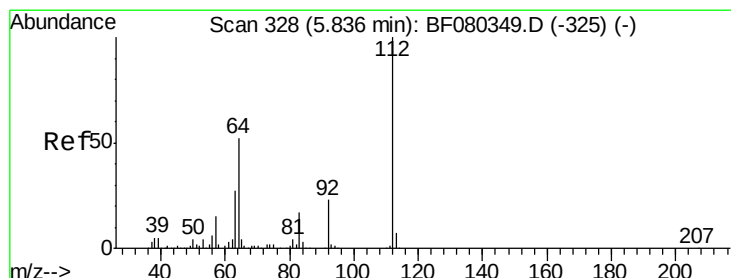
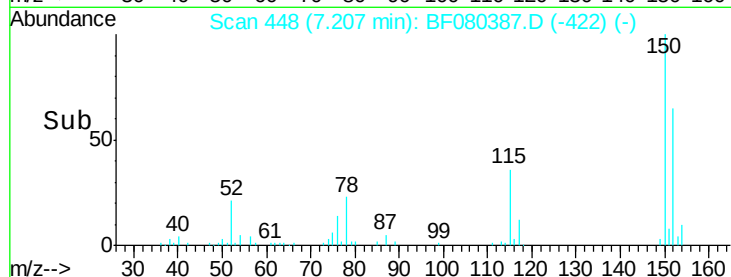
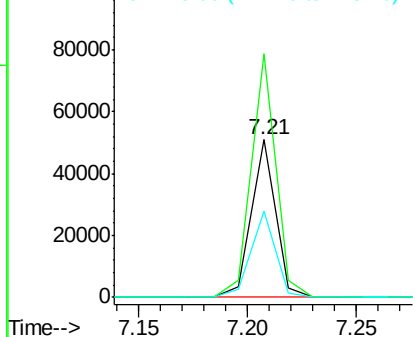
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF080387.D
Acq: 8 Jul 2015 14:54

Instrument :
BNA_F
ClientSampled :
PB84381BL

Tgt Ion:152 Resp: 39416
Ion Ratio Lower Upper
152 100
150 154.6 124.7 187.1
115 55.0 45.7 68.5



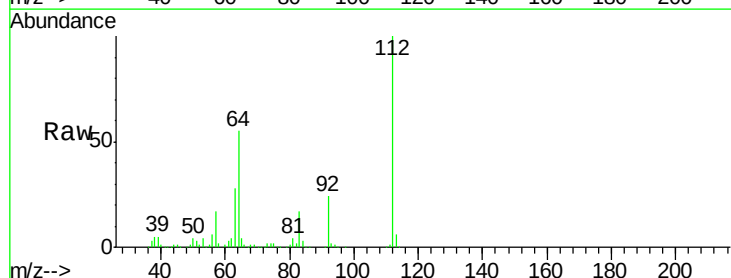
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



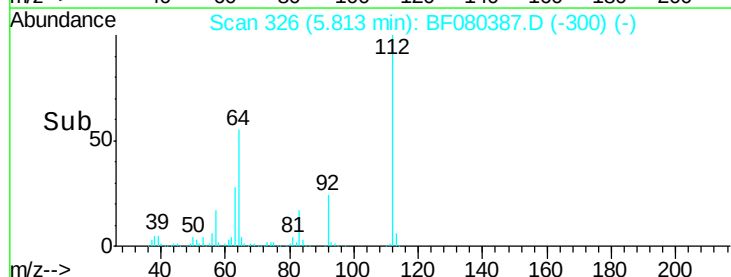
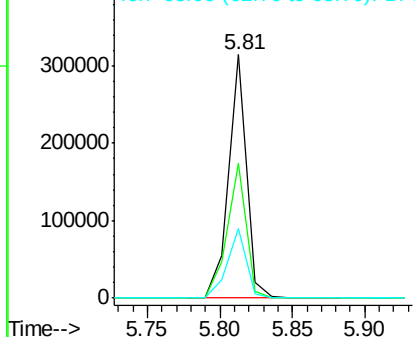
#5

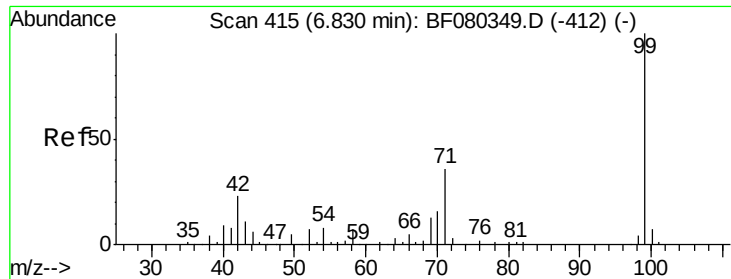
2-Fluorophenol
Concen: 125.00 ng
RT: 5.81 min Scan# 326
Delta R.T. -0.00 min
Lab File: BF080387.D
Acq: 8 Jul 2015 14:54

Tgt Ion:112 Resp: 269022
Ion Ratio Lower Upper
112 100
64 55.5 41.8 62.6
63 28.5 21.5 32.3



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: 115.33 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF080387.D

Acq: 8 Jul 2015 14:54

Instrument :

BNA_F

ClientSampleId :

PB84381BL

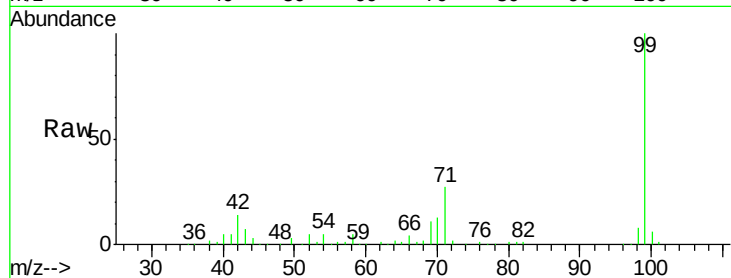
Tgt Ion: 99 Resp: 329000

Ion Ratio Lower Upper

99 100

42 13.6 18.5 27.7#

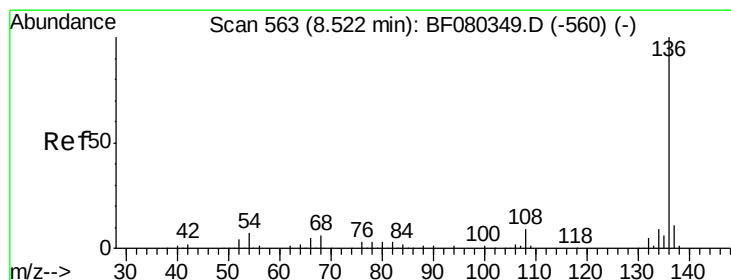
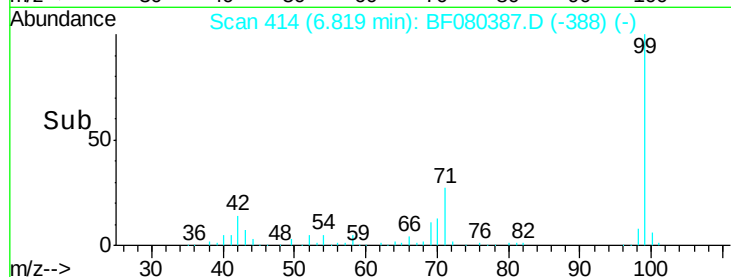
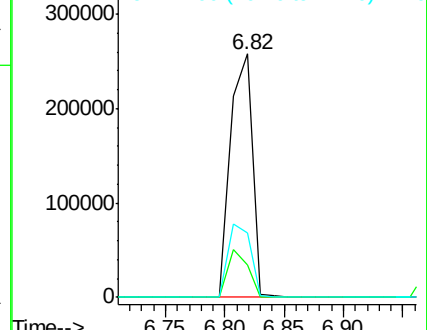
71 26.6 28.5 42.7#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.50 min Scan# 561

Delta R.T. -0.00 min

Lab File: BF080387.D

Acq: 8 Jul 2015 14:54

Tgt Ion: 136 Resp: 148362

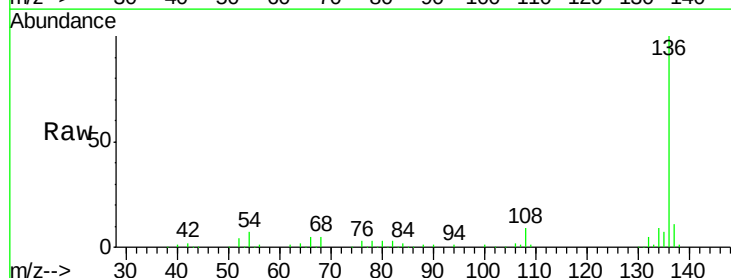
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.8 5.8 8.8

68 5.3 4.6 6.8

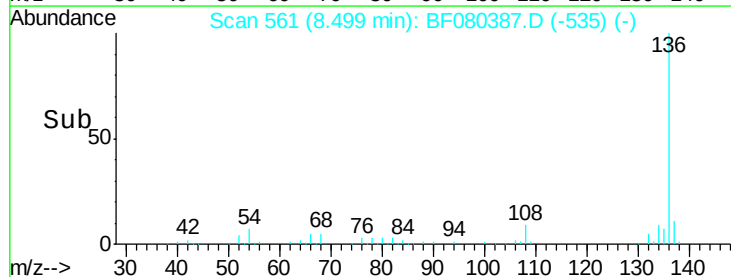
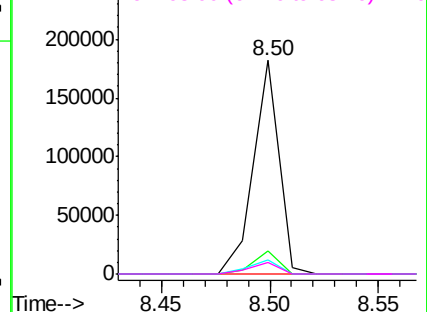


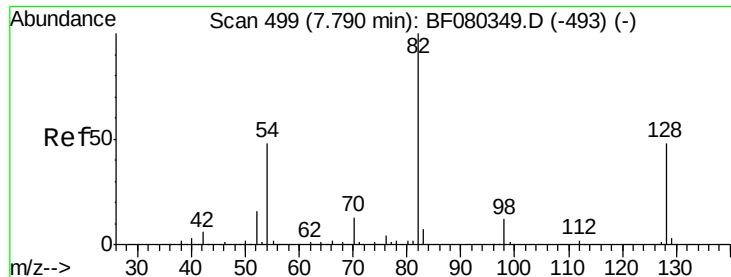
Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.21 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.00 min

Lab File: BF080387.D

Acq: 8 Jul 2015 14:54

Instrument :

BNA_F

ClientSampleId :

PB84381BL

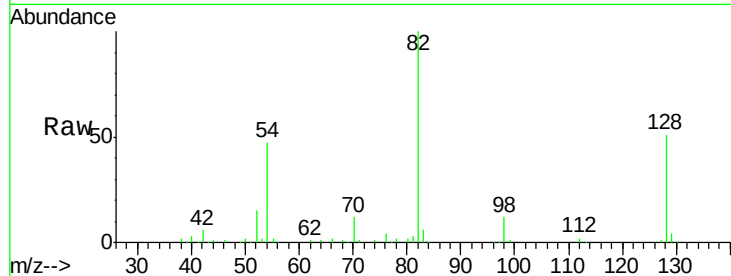
Tgt Ion: 82 Resp: 188758

Ion Ratio Lower Upper

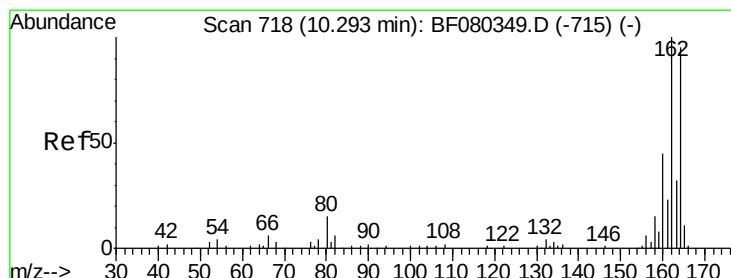
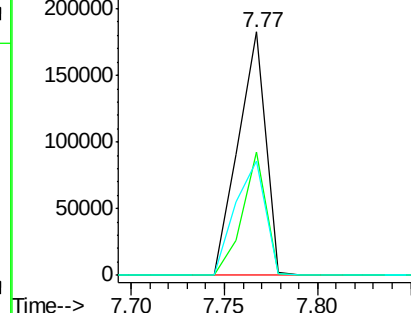
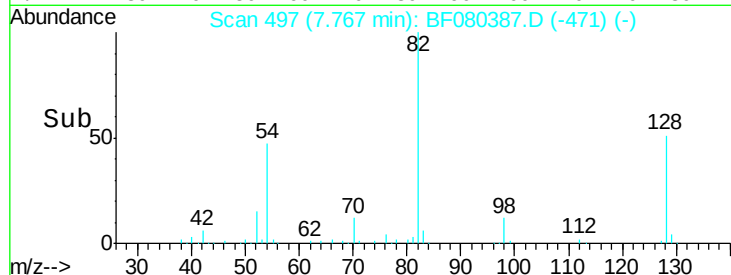
82 100

128 50.7 38.4 57.6

54 46.8 38.2 57.2



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: 10.26 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF080387.D

Acq: 8 Jul 2015 14:54

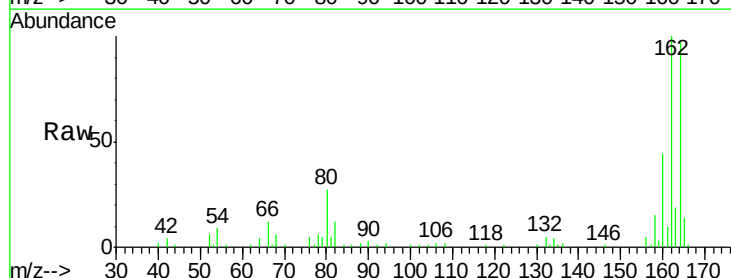
Tgt Ion: 164 Resp: 69024

Ion Ratio Lower Upper

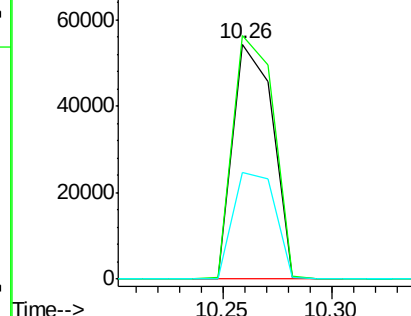
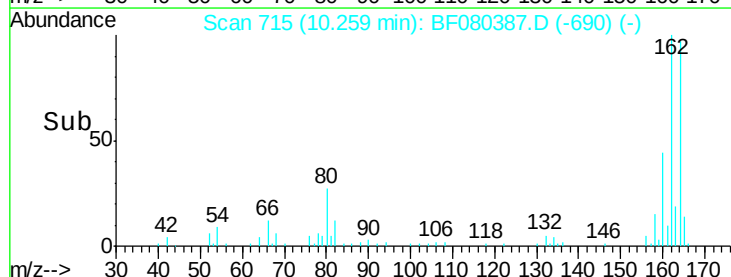
164 100

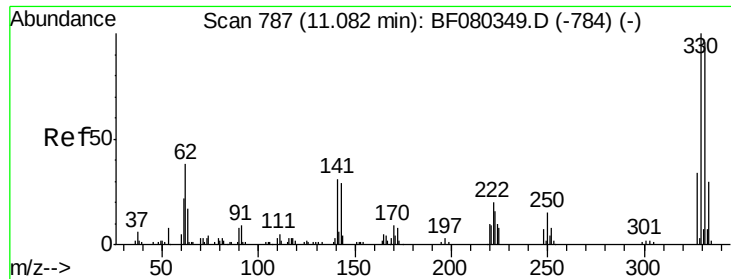
162 103.5 84.5 126.7

160 45.1 37.7 56.5



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

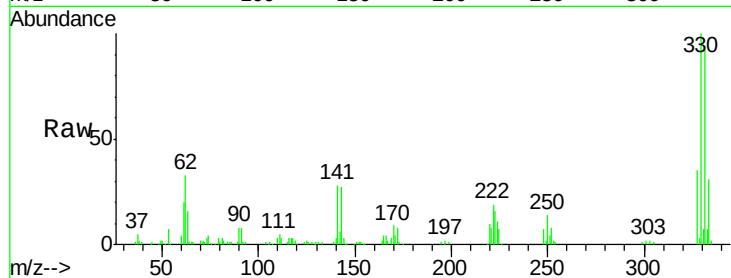




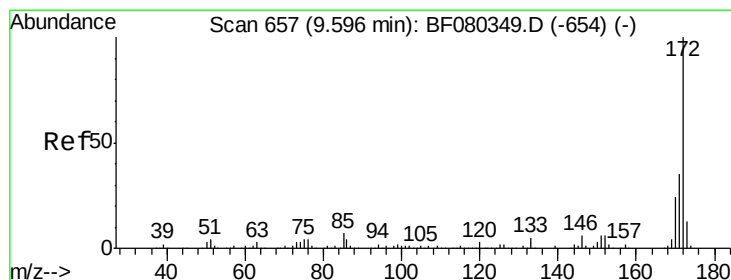
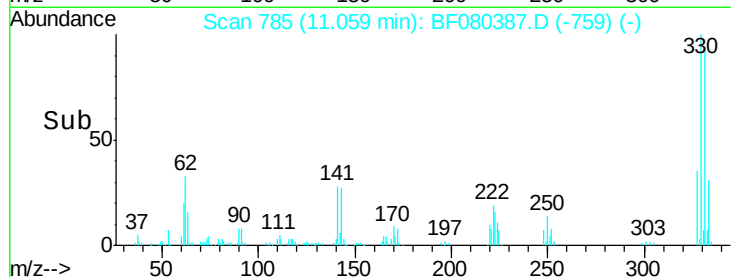
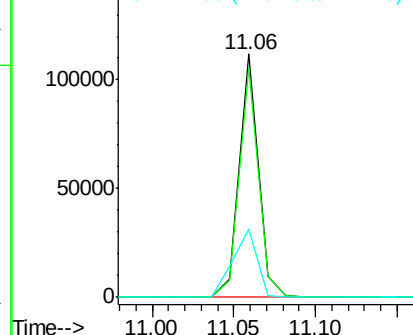
#41
 2,4,6-Tribromophenol
 Concen: 124.14 ng
 RT: 11.06 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF080387.D
 Acq: 8 Jul 2015 14:54

Instrument :
 BNA_F
 ClientSampleId :
 PB84381BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.4
141	35.7	29.6	44.4

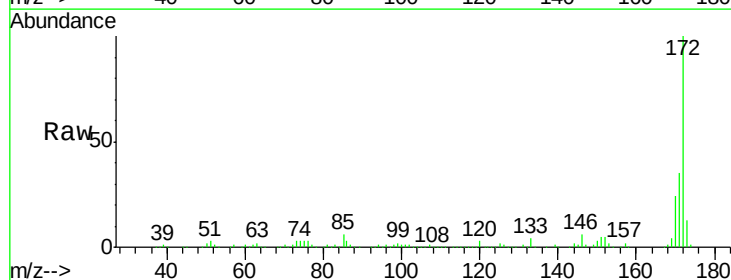


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

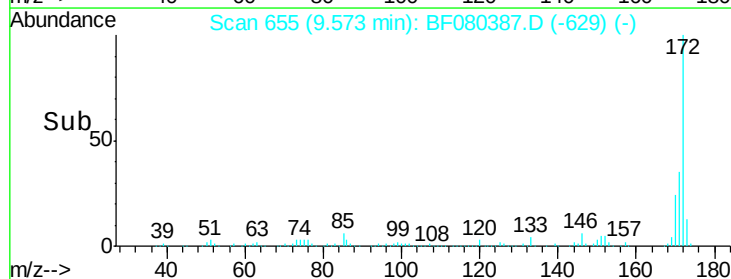
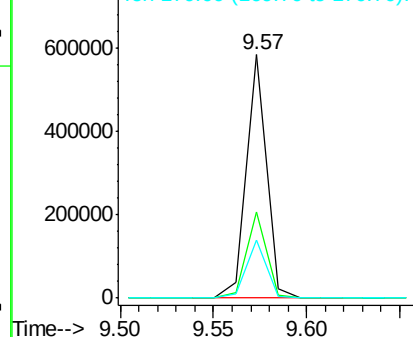


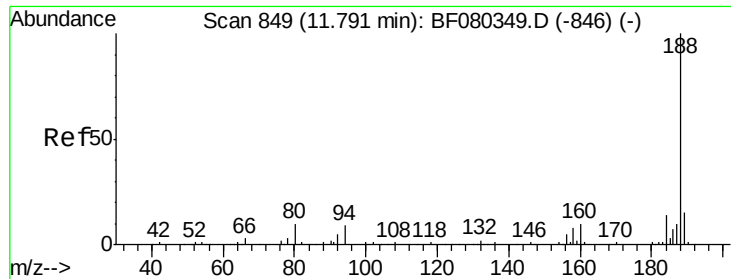
#44
 2-Fluorobiphenyl
 Concen: 86.19 ng
 RT: 9.57 min Scan# 655
 Delta R.T. -0.00 min
 Lab File: BF080387.D
 Acq: 8 Jul 2015 14:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.3	42.5
170	24.0	19.1	28.7



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

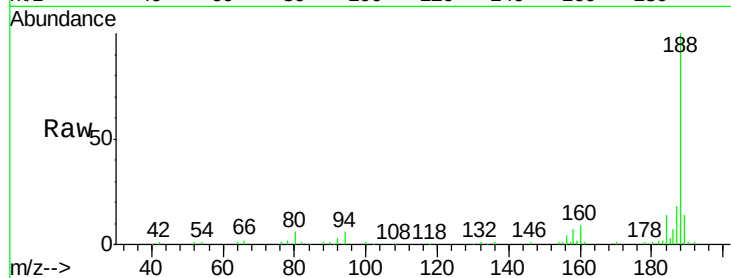




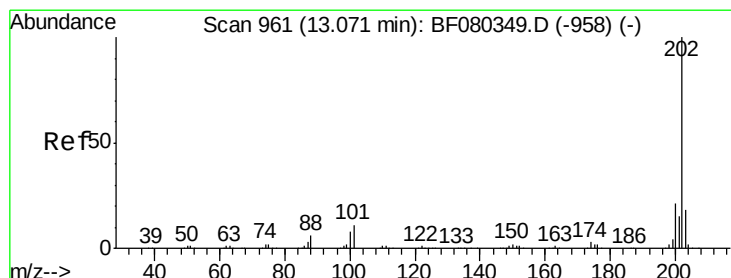
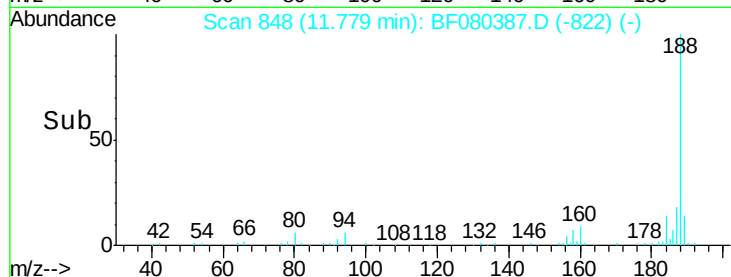
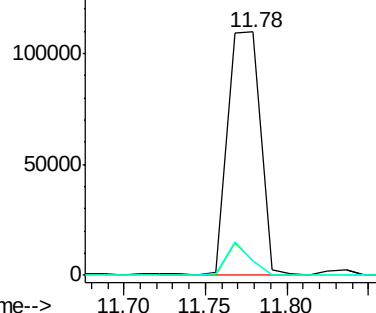
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.78 min Scan# 848
Delta R.T. -0.00 min
Lab File: BF080387.D
Acq: 8 Jul 2015 14:54

Instrument :
BNA_F
ClientSampleId :
PB84381BL

Tgt Ion:188 Resp: 152411
Ion Ratio Lower Upper
188 100
94 6.0 7.5 11.3#
80 5.8 8.3 12.5#

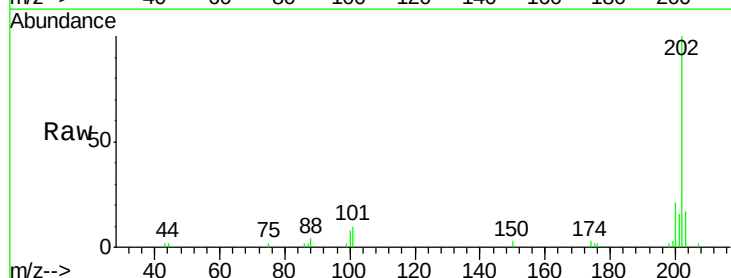


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

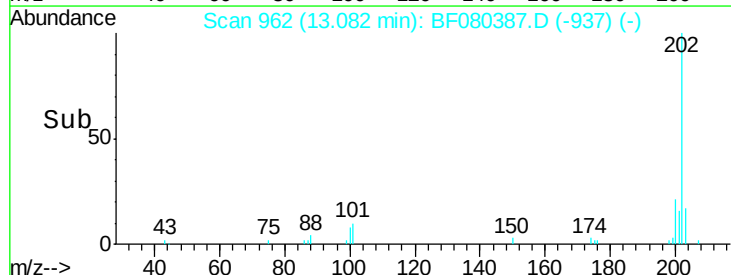
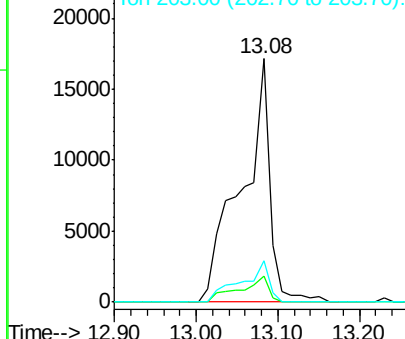


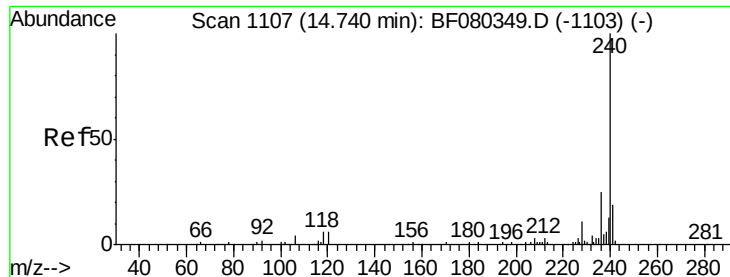
#74
Fluoranthene
Concen: 4.22 ng
RT: 13.08 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF080387.D
Acq: 8 Jul 2015 14:54

Tgt Ion:202 Resp: 41484
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.0
203 16.9 0.0 37.6



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: 14.81 min Scan# 1113

Delta R.T. -0.03 min

Lab File: BF080387.D

Acq: 8 Jul 2015 14:54

Instrument :

BNA_F

ClientSampleId :

PB84381BL

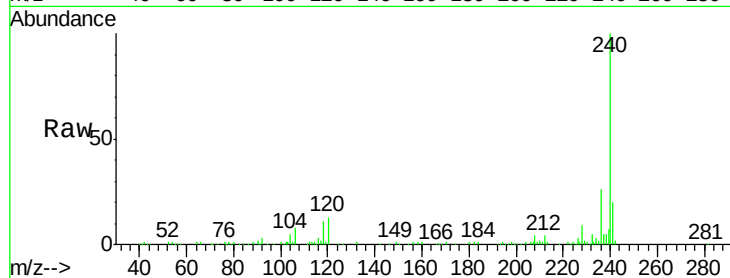
Tgt Ion:240 Resp: 192500

Ion Ratio Lower Upper

240 100

120 12.7 5.1 7.7#

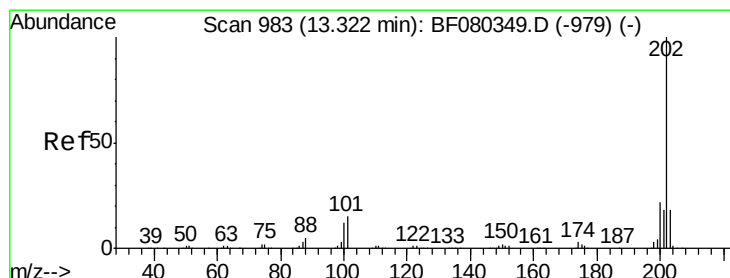
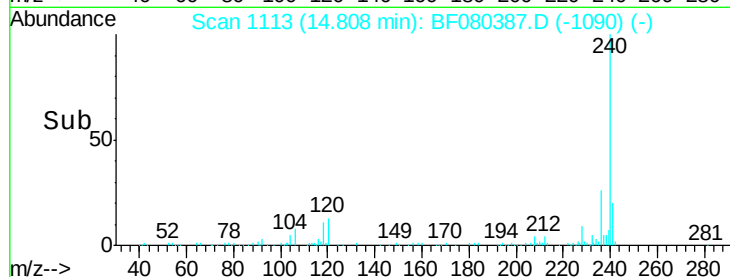
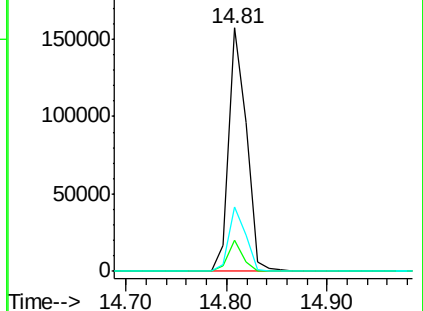
236 26.4 20.4 30.6



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: 4.15 ng

RT: 13.35 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF080387.D

Acq: 8 Jul 2015 14:54

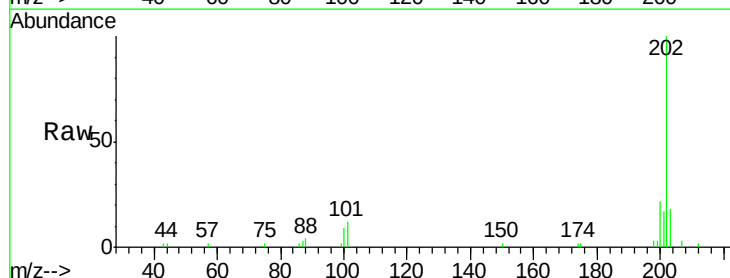
Tgt Ion:202 Resp: 48264

Ion Ratio Lower Upper

202 100

200 21.9 17.2 25.8

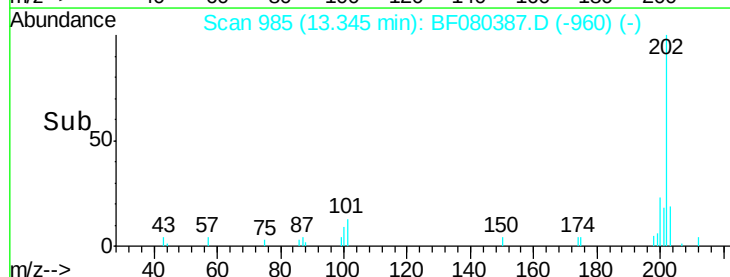
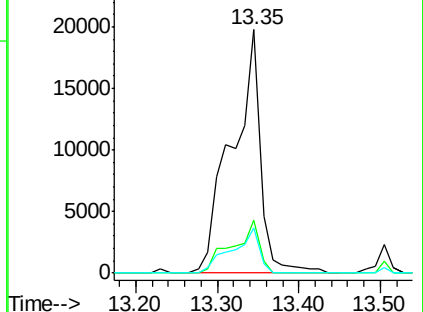
203 18.3 14.3 21.5

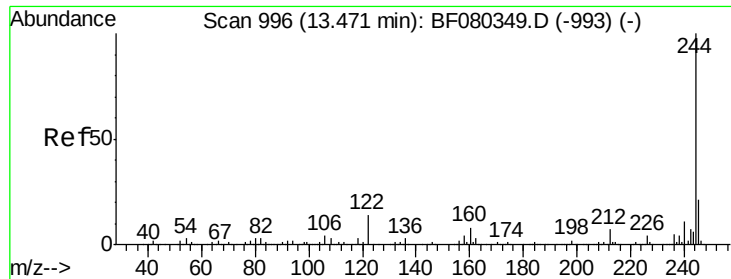


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

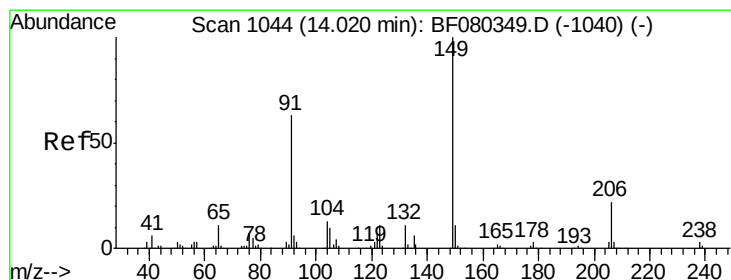
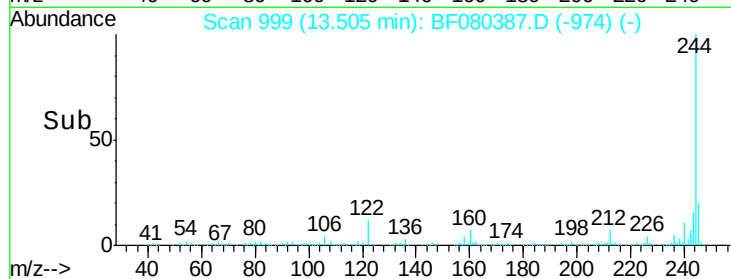
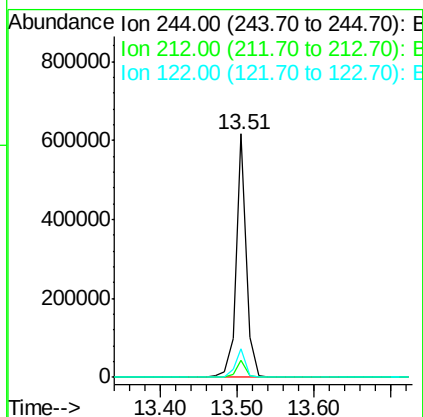
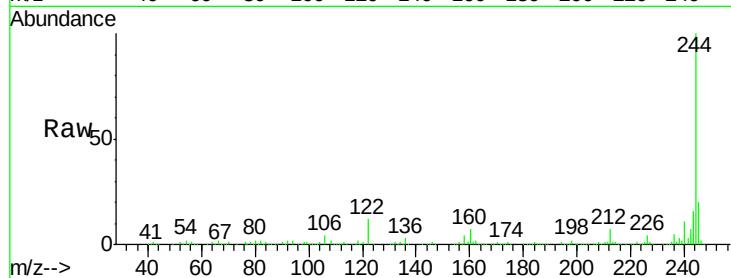




#78
 Terphenyl-d14
 Concen: 70.21 ng
 RT: 13.51 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BF080387.D
 Acq: 8 Jul 2015 14:54

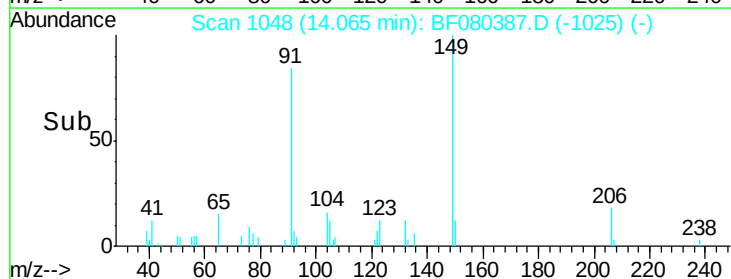
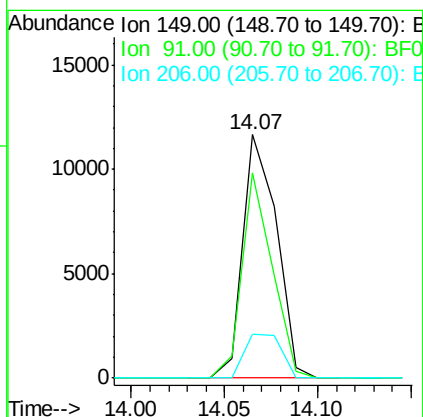
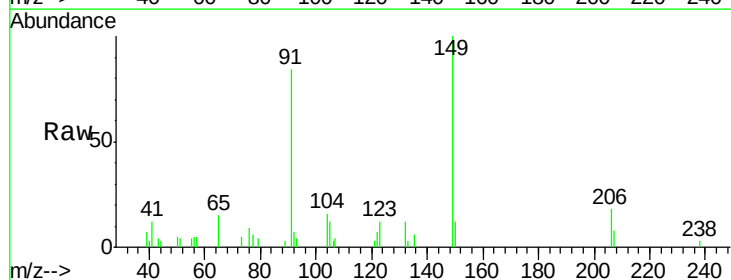
Instrument :
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 PB84381BL

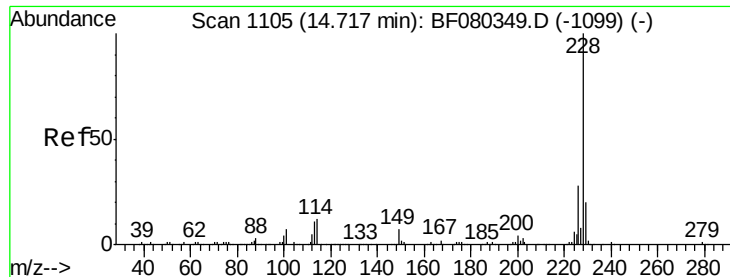
Tgt Ion:244 Resp: 579476
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 11.7 11.1 16.7



#79
 Butylbenzylphthalate
 Concen: 3.16 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. -0.03 min
 Lab File: BF080387.D
 Acq: 8 Jul 2015 14:54

Tgt Ion:149 Resp: 14666
 Ion Ratio Lower Upper
 149 100
 91 84.1 50.8 76.2#
 206 18.0 17.6 26.4





#80

Benzo(a)anthracene

Concen: 5.32 ng

RT: 14.80 min Scan# 1112

Delta R.T. -0.03 min

Lab File: BF080387.D

Acq: 8 Jul 2015 14:54

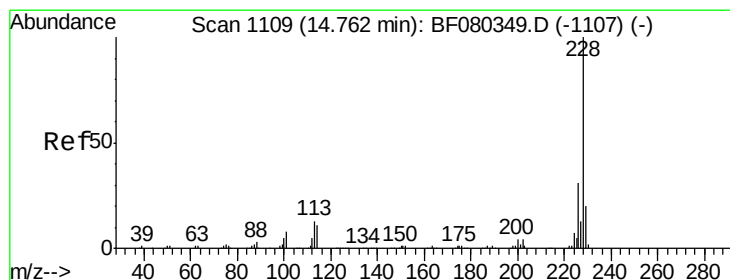
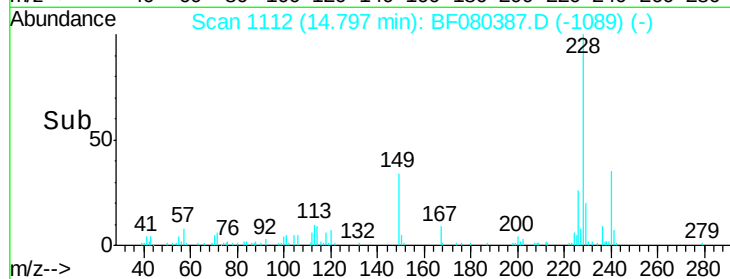
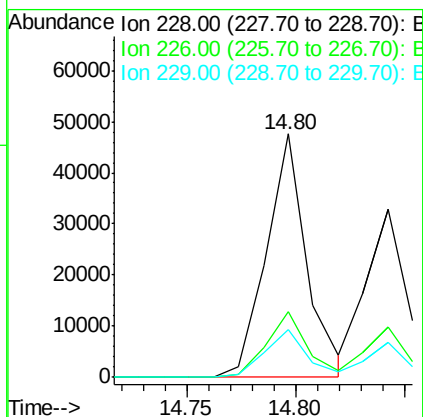
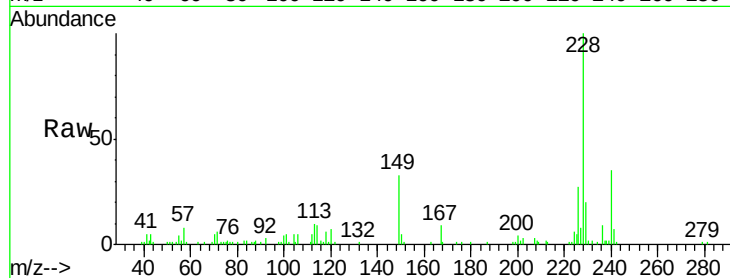
Instrument :

BNA_F

ClientSampleId :

PB84381BL

Tgt Ion:	228	Resp:	61705
Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.2	33.4
229	19.6	16.0	24.0



#82

Chrysene

Concen: 4.25 ng

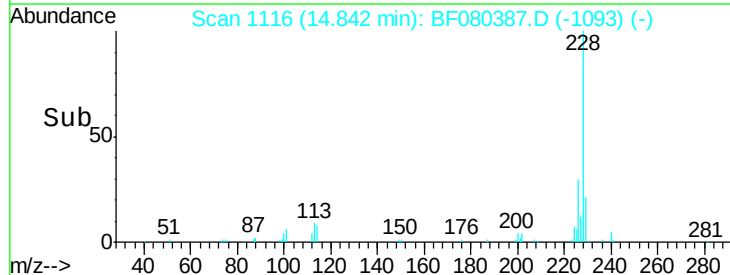
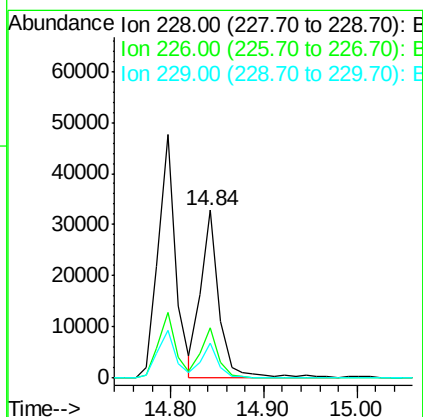
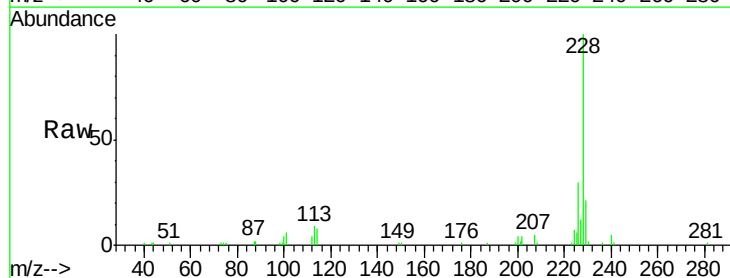
RT: 14.84 min Scan# 1116

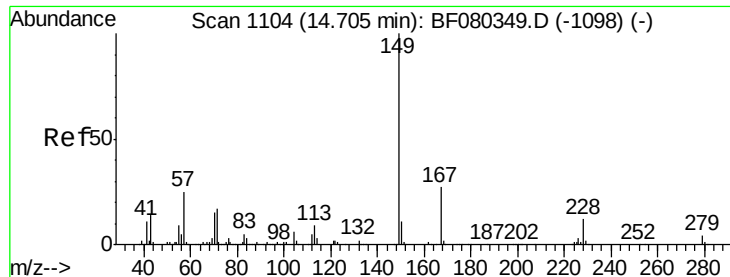
Delta R.T. -0.03 min

Lab File: BF080387.D

Acq: 8 Jul 2015 14:54

Tgt Ion:	228	Resp:	46149
Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.4
229	20.6	16.1	24.1

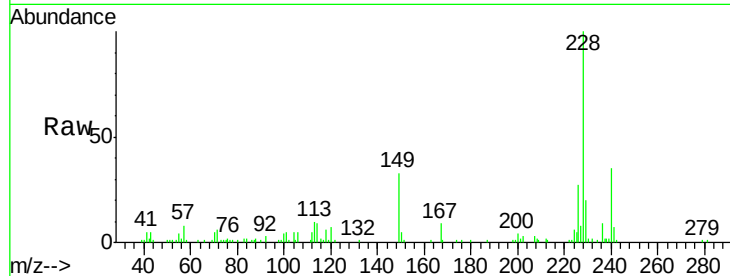




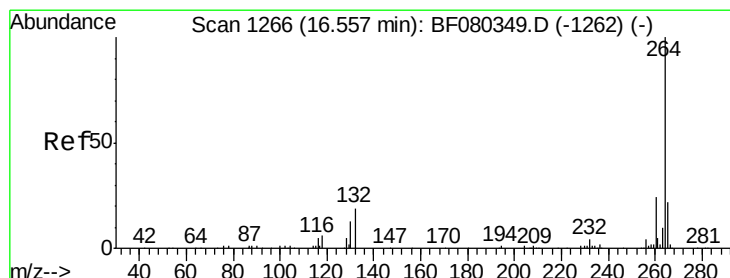
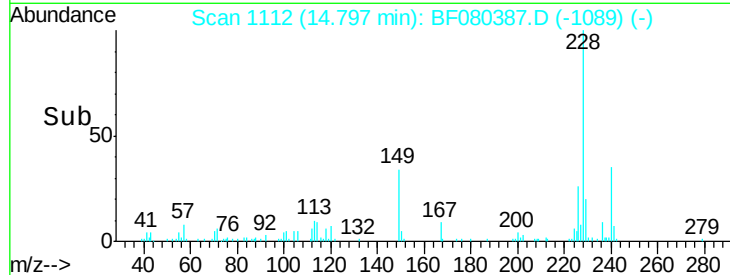
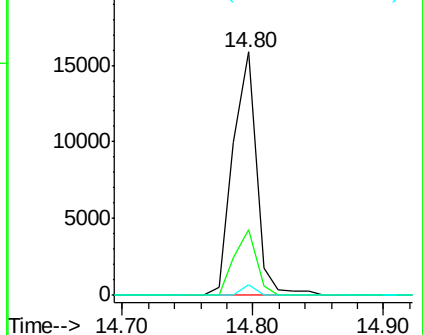
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.82 ng
 RT: 14.80 min Scan# 1112
 Delta R.T. -0.03 min
 Lab File: BF080387.D
 Acq: 8 Jul 2015 14:54

Instrument :
 BNA_F
 ClientSampleId :
 PB84381BL

Tgt Ion:149 Resp: 19946
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.4 32.0
 279 4.1 2.9 4.3

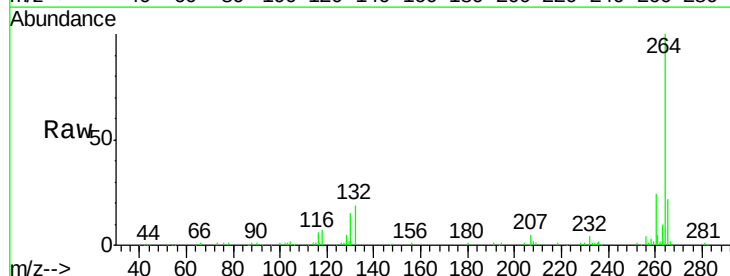


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

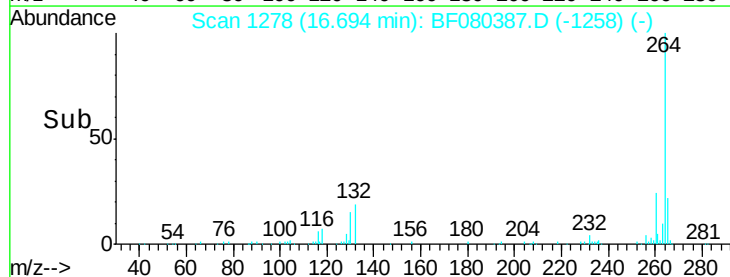
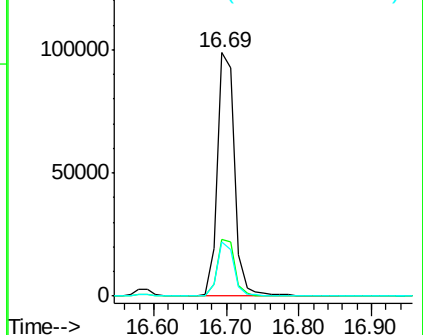


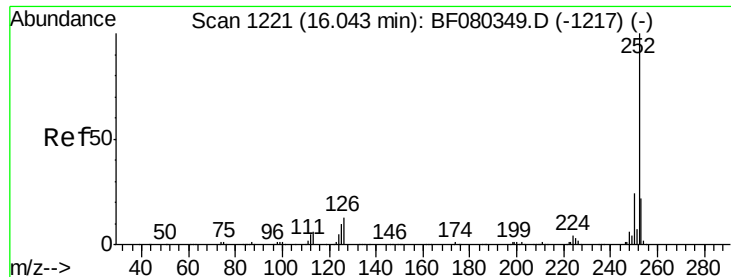
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.69 min Scan# 1278
 Delta R.T. -0.07 min
 Lab File: BF080387.D
 Acq: 8 Jul 2015 14:54

Tgt Ion:264 Resp: 163102
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 22.3 17.6 26.4



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





#87
 Benzo(b)fluoranthene
 Concen: 2.14 ng
 RT: 16.18 min Scan# 1233
 Delta R.T. -0.07 min
 Lab File: BF080387.D
 Acq: 8 Jul 2015 14:54

Instrument :
 BNA_F
 ClientSampleId :
 PB84381BL

Tgt Ion: 252 Resp: 21979
 Ion Ratio Lower Upper
 252 100
 253 21.1 17.8 26.8
 125 9.0 7.7 11.5

