

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
 Data File : BF084128.D
 Acq On : 25 Dec 2015 14:30
 Operator : UM/SJ
 Sample : G4961-05
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-9(21.0-21.5)

Quant Time: Dec 26 03:42:06 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 16:48:39 2015
 Response via : Initial Calibration

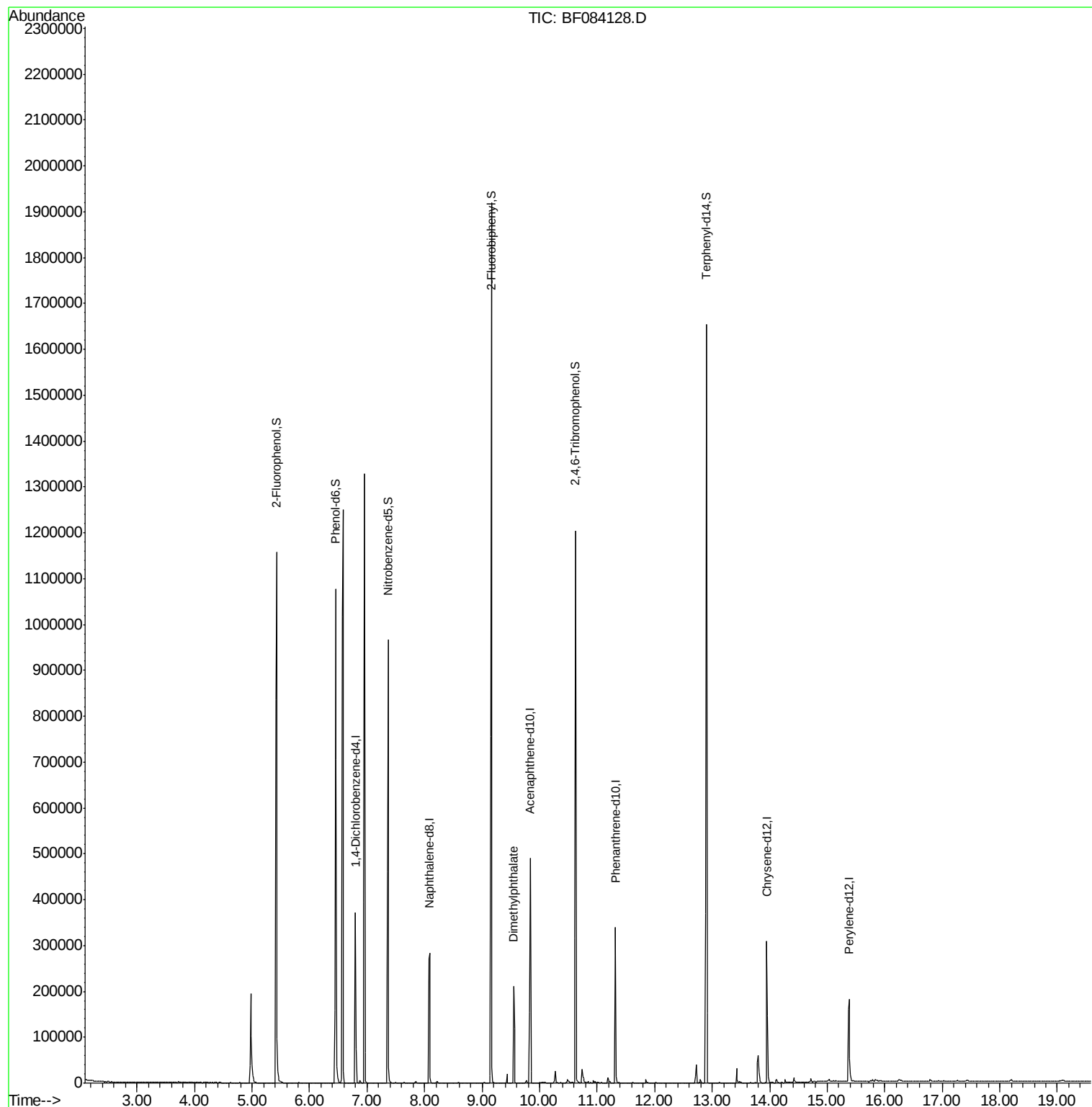
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	55895	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	203222	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	100519	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	175018	20.00	ng	0.00
75) Chrysene-d12	13.95	240	122065	20.00	ng	-0.01
86) Perylene-d12	15.38	264	104585	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	449234	136.26	ng	0.01
7) Phenol-d6	6.45	99	520168	127.51	ng	0.00
23) Nitrobenzene-d5	7.37	82	353197	101.73	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	130723	121.95	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	632402	86.08	ng	0.00
78) Terphenyl-d14	12.90	244	479608	71.10	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.55	163	107308	12.89	ng	# 89

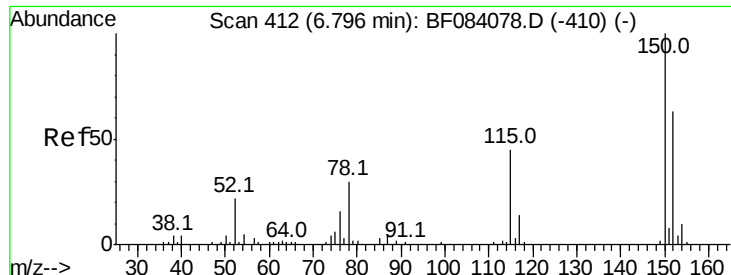
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF084128.D

Acq: 25 Dec 2015 14:30

Instrument :

BNA_F

ClientSampleId :

PJ-SB-9(21.0-21.5)

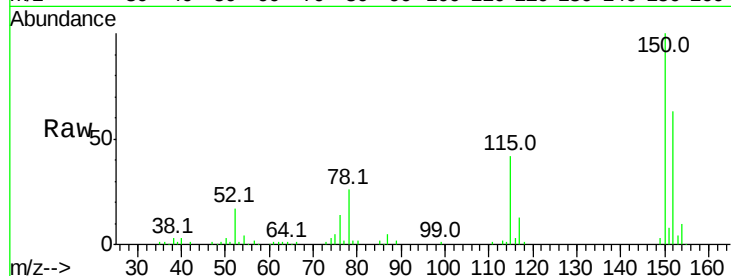
Tot Ion:152 Resp: 55895

Ion Ratio Lower Upper

152 100

150 158.9 123.0 184.4

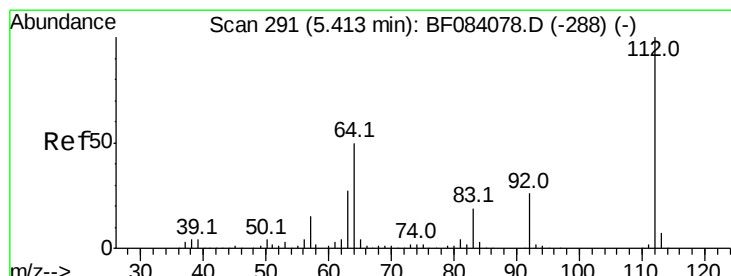
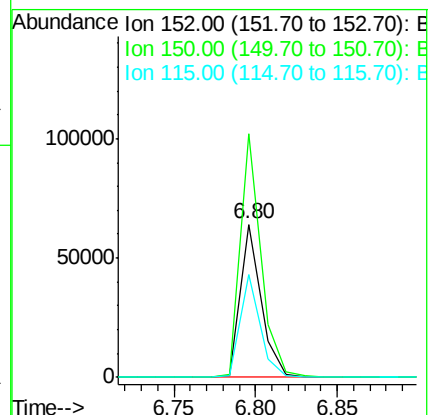
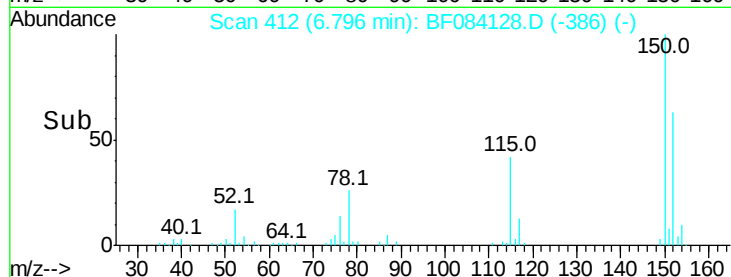
115 67.0 51.4 77.2



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: 136.26 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF084128.D

Acq: 25 Dec 2015 14:30

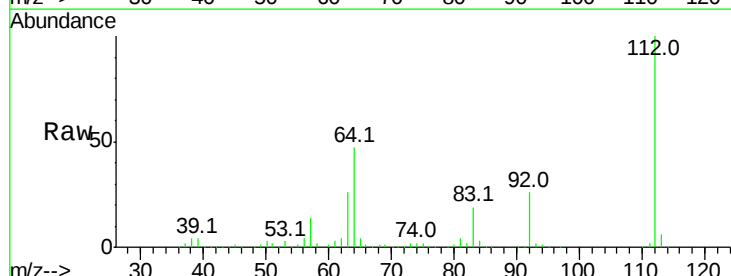
Tgt Ion:112 Resp: 449234

Ion Ratio Lower Upper

112 100

64 47.0 36.6 55.0

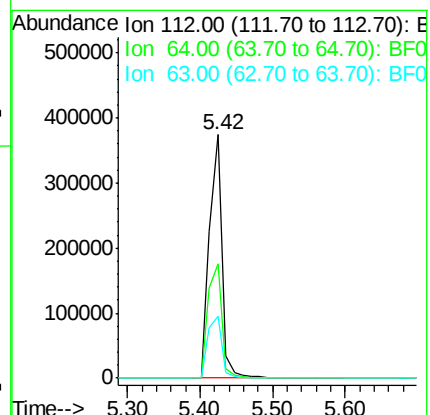
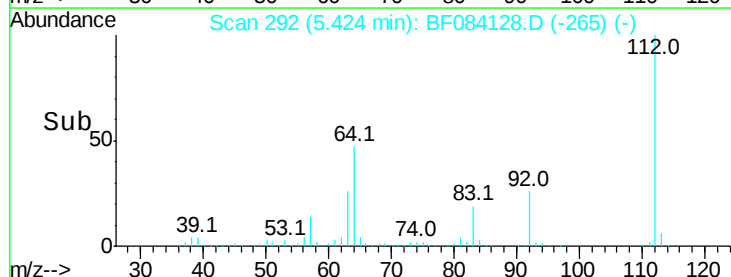
63 25.7 19.4 29.0

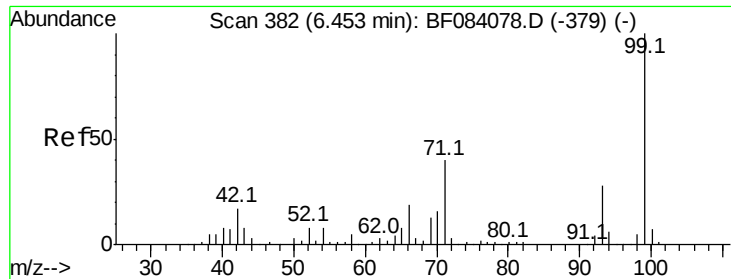


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 127.51 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF084128.D

Acq: 25 Dec 2015 14:30

Instrument :

BNA_F

ClientSampleId :

PJ-SB-9(21.0-21.5)

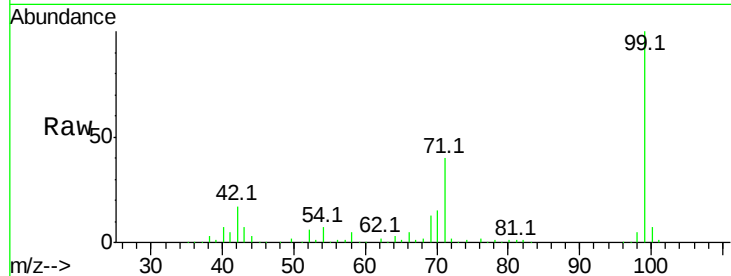
Tot Ion: 99 Resp: 520168

Ion Ratio Lower Upper

99 100

42 17.1 12.8 19.2

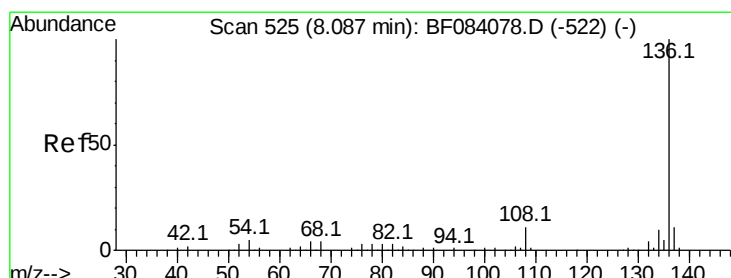
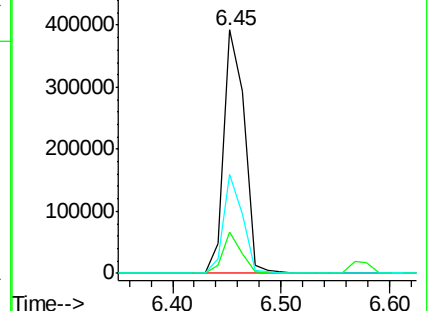
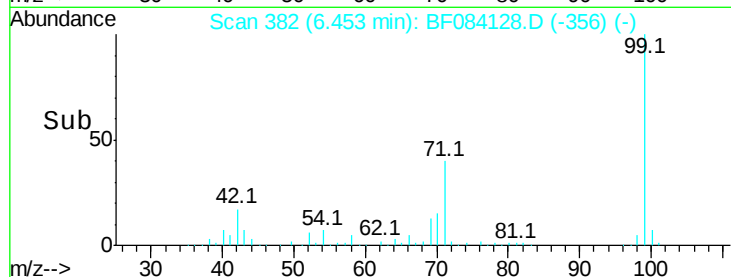
71 40.5 30.9 46.3



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: 8.09 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF084128.D

Acq: 25 Dec 2015 14:30

Tgt Ion: 136 Resp: 203222

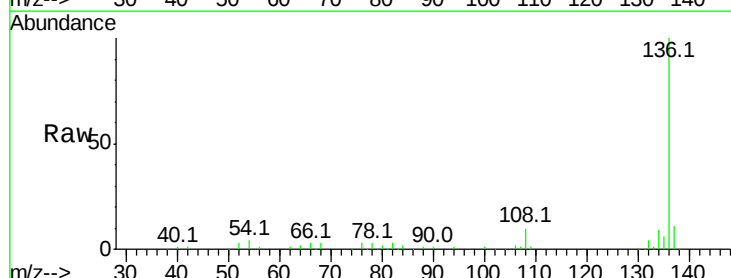
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 4.2 5.8 8.8#

68 3.1 4.2 6.2#

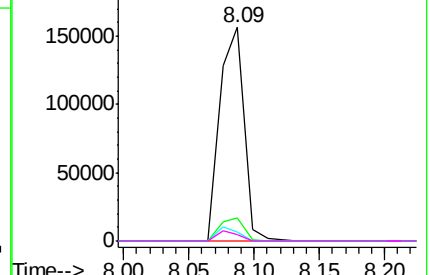
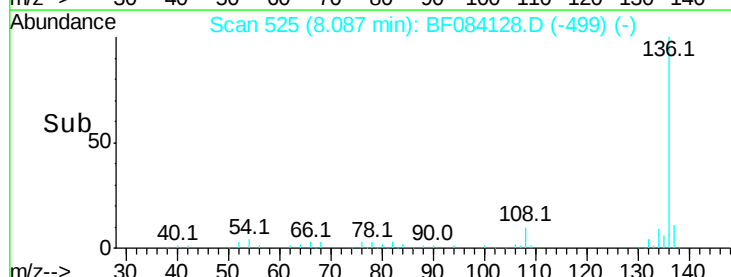


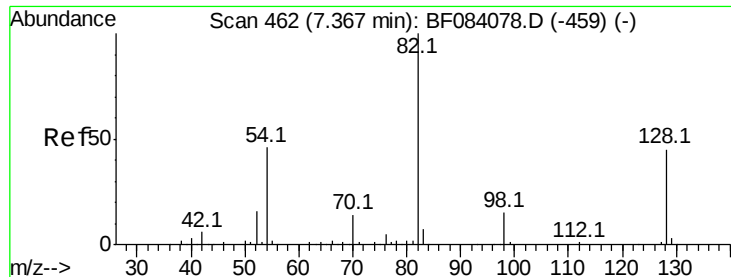
Abundance Ion 136.00 (135.70 to 136.70): E

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

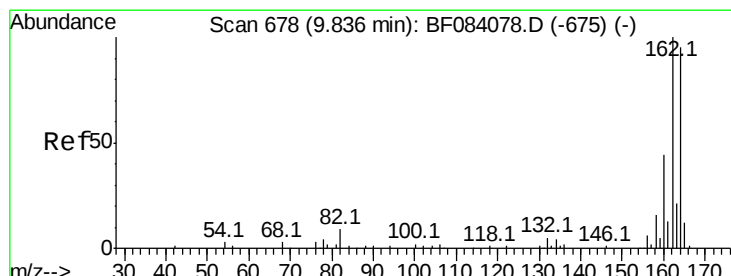
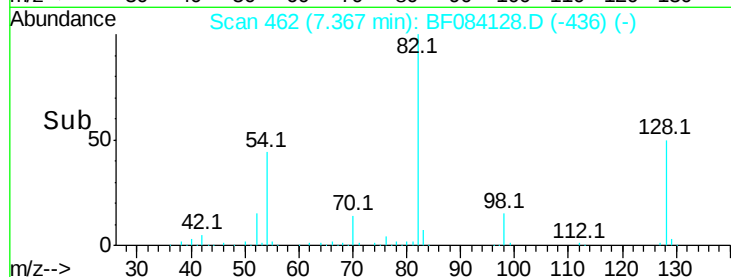
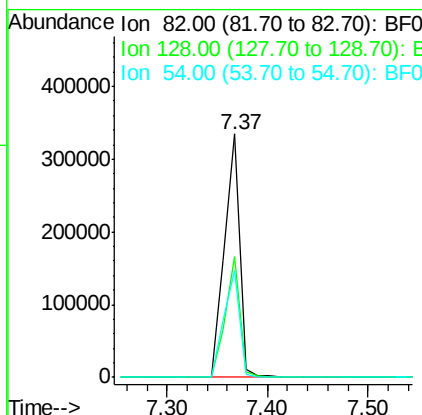
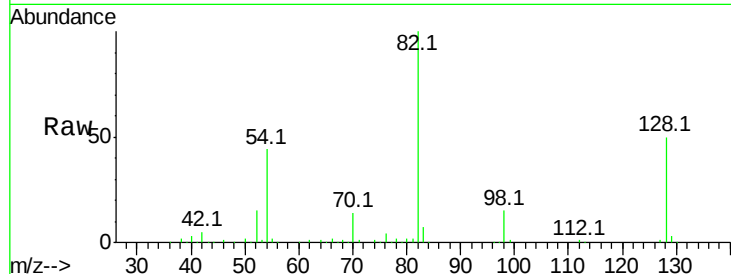




#23
 Nitrobenzene-d5
 Concen: 101.73 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.00 min
 Lab File: BF084128.D
 Acq: 25 Dec 2015 14:30

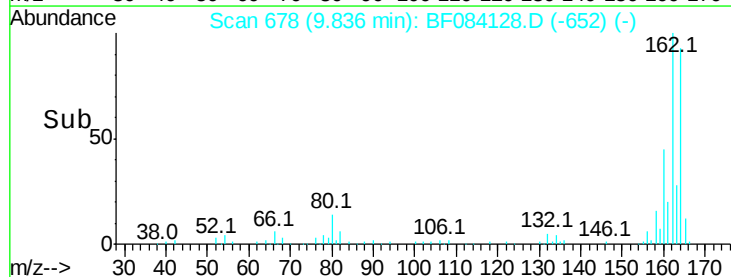
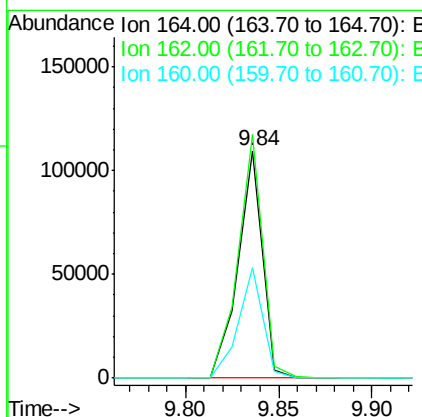
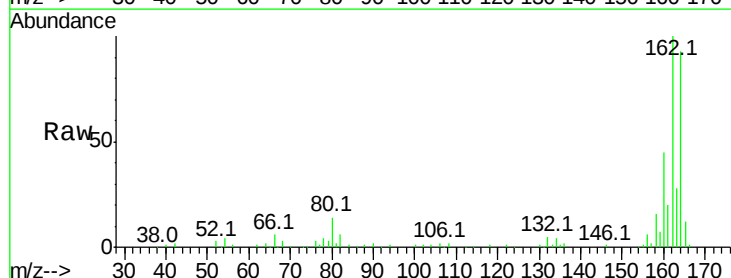
Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-9(21.0-21.5)

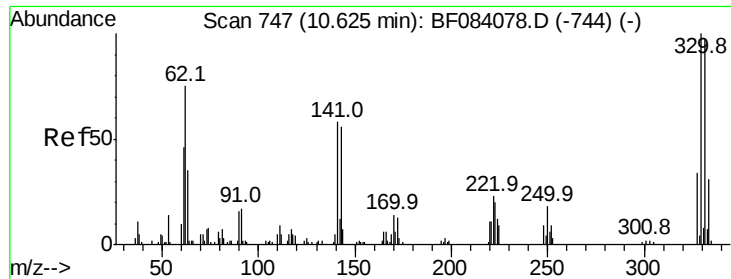
Tot Ion	82	Resp	353197
Ion	Ratio	Lower	Upper
82	100		
128	49.7	34.6	51.8
54	43.7	38.4	57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: BF084128.D
 Acq: 25 Dec 2015 14:30

Tgt Ion	164	Resp	100519
Ion	Ratio	Lower	Upper
164	100		
162	107.1	85.1	127.7
160	48.5	37.5	56.3

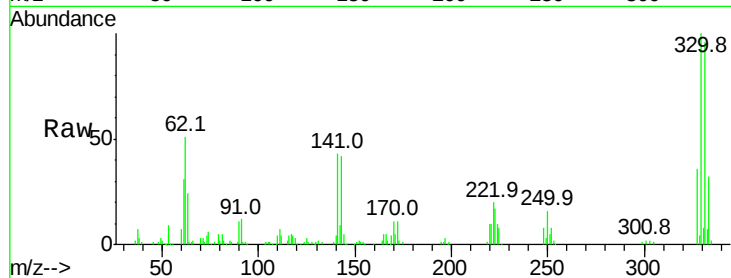




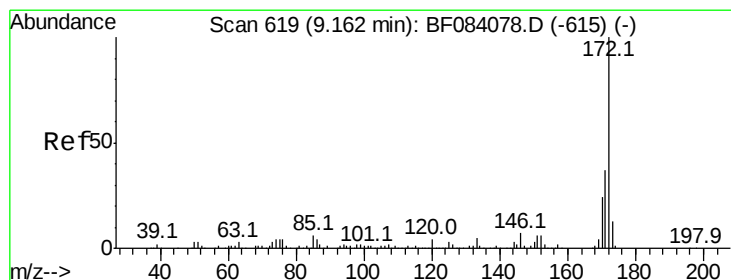
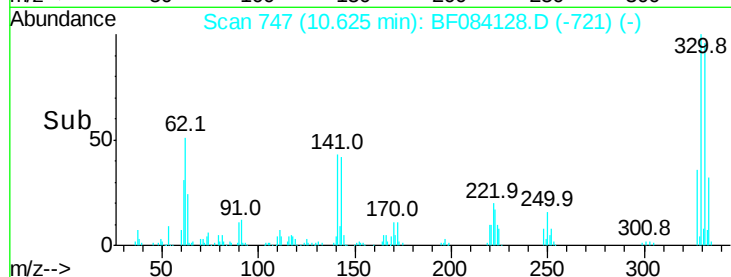
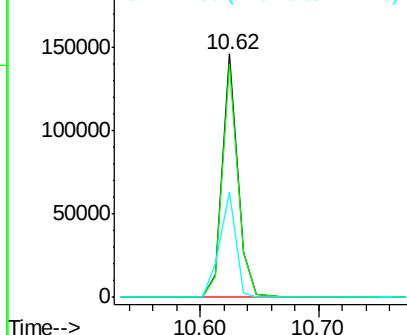
#41
 2,4,6-Tribromophenol
 Concen: 121.95 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF084128.D
 Acq: 25 Dec 2015 14:30

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-9(21.0-21.5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	114.8
141	45.6	27.8	41.6#

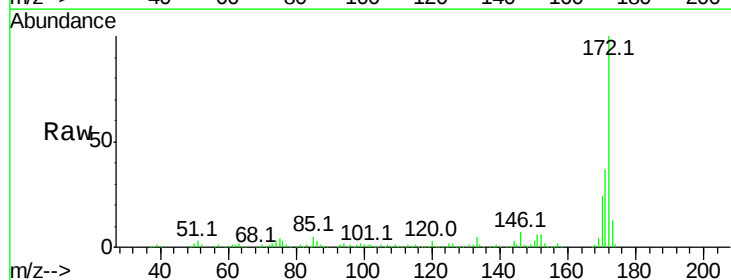


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

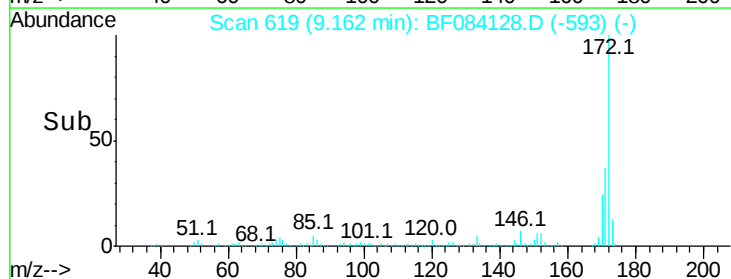
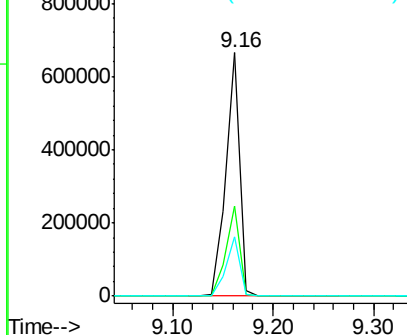


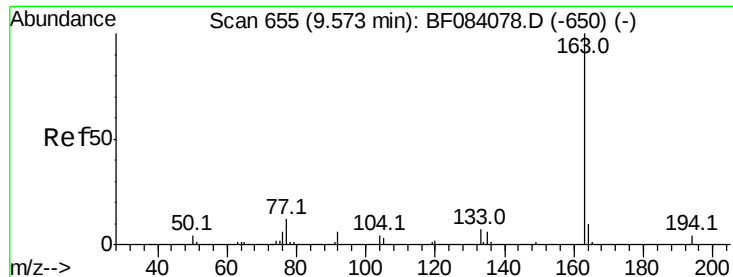
#44
 2-Fluorobiphenyl
 Concen: 86.08 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF084128.D
 Acq: 25 Dec 2015 14:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.9	43.3
170	24.4	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





#49

Dimethylphthalate

Concen: 12.89 ng

RT: 9.55 min Scan# 653

Delta R.T. -0.02 min

Lab File: BF084128.D

Acq: 25 Dec 2015 14:30

Instrument :

BNA_F

ClientSampleId :

PJ-SB-9(21.0-21.5)

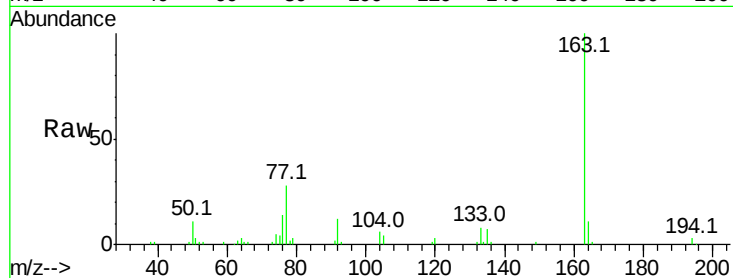
Tot Ion:163 Resp: 107308

Ion Ratio Lower Upper

163 100

194 2.7 8.0 12.0#

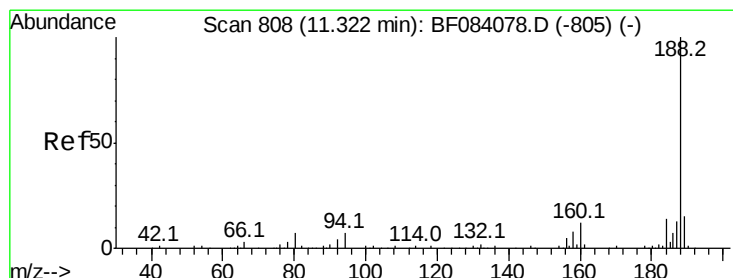
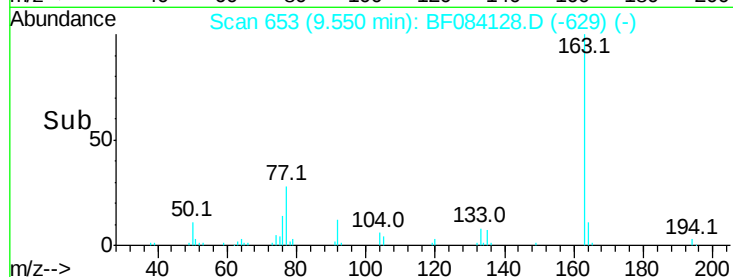
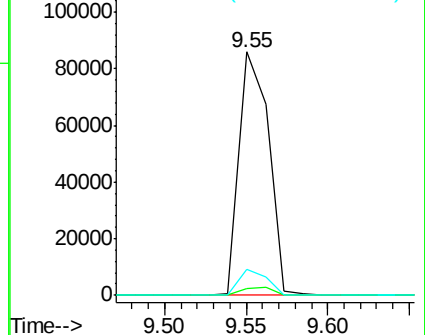
164 10.5 8.0 12.0



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: 11.32 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF084128.D

Acq: 25 Dec 2015 14:30

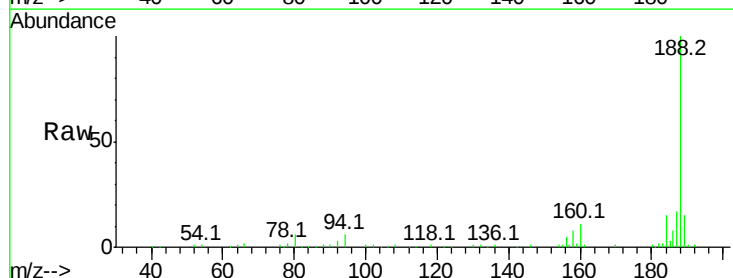
Tgt Ion:188 Resp: 175018

Ion Ratio Lower Upper

188 100

94 5.8 9.0 13.4#

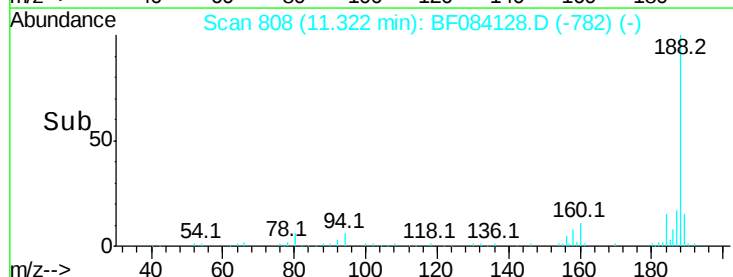
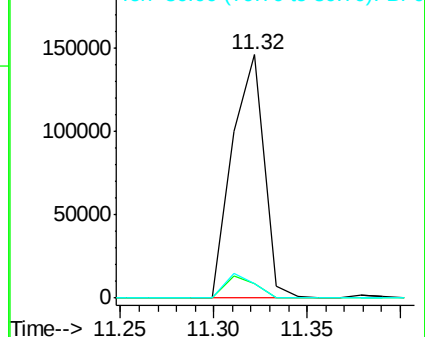
80 5.9 9.6 14.4#

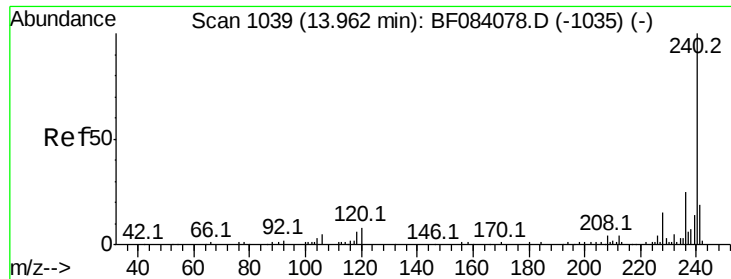


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF084128.D

Acq: 25 Dec 2015 14:30

Instrument :

BNA_F

ClientSampleId :

PJ-SB-9(21.0-21.5)

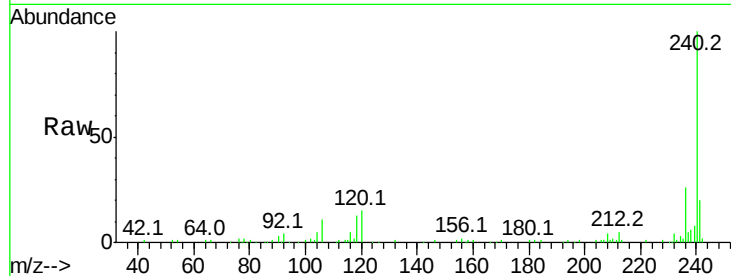
Tot Ion:240 Resp: 122065

Ion Ratio Lower Upper

240 100

120 14.7 9.5 14.3#

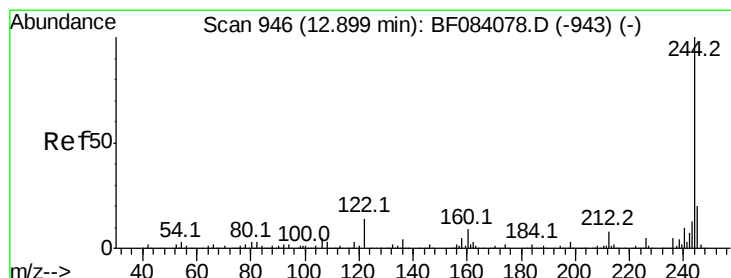
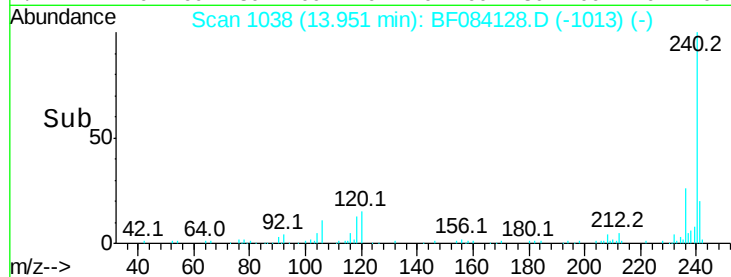
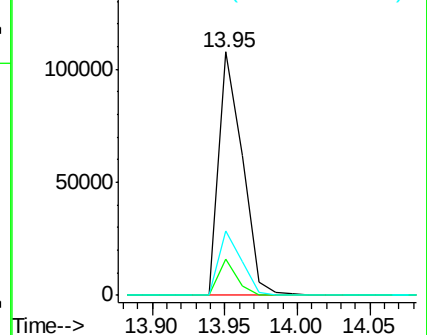
236 26.2 20.6 31.0



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



#78

Terphenyl-d14

Concen: 71.10 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF084128.D

Acq: 25 Dec 2015 14:30

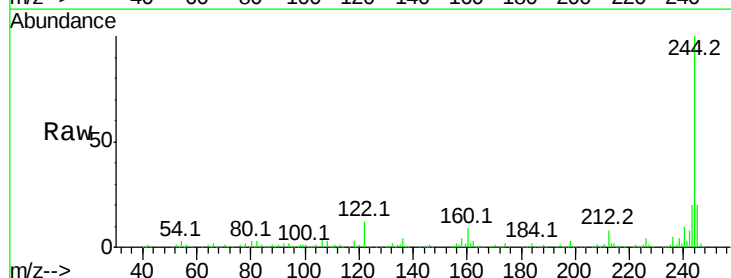
Tgt Ion:244 Resp: 479608

Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

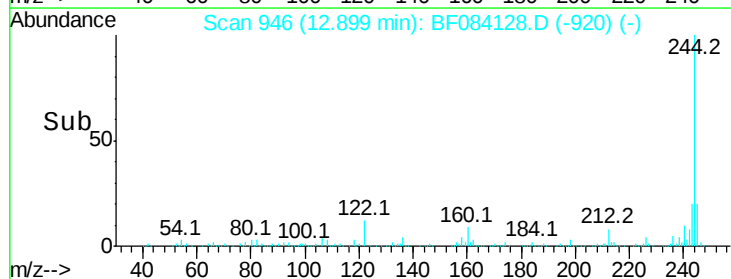
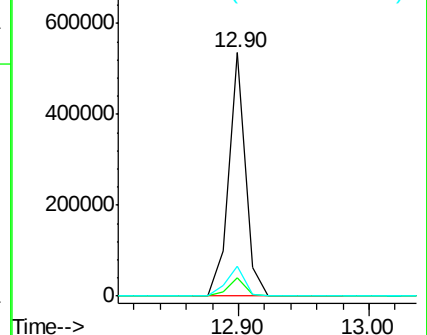
122 12.5 7.4 11.0#

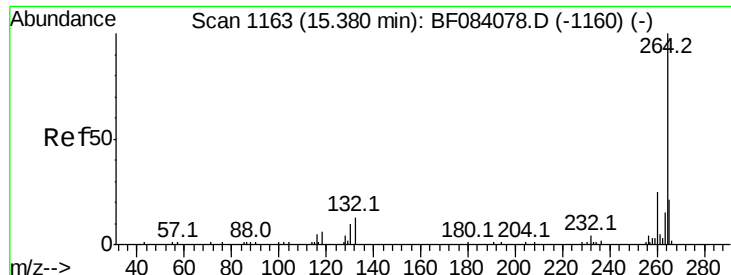


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

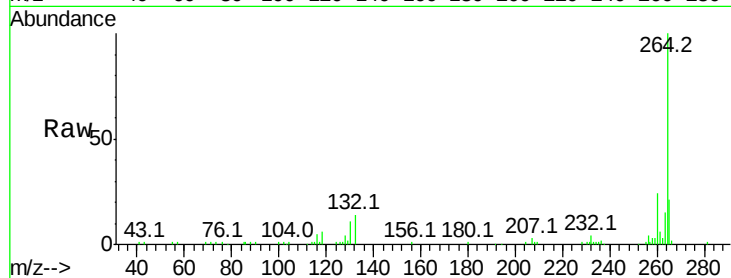




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF084128.D
Acq: 25 Dec 2015 14:30

Instrument :
BNA_F
ClientSampleId :
PJ-SB-9(21.0-21.5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.4	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

