

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122515\
 Data File : BF084136.D
 Acq On : 25 Dec 2015 18:47
 Operator : UM/SJ
 Sample : G4961-04
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-8(1.5-2.0)

Quant Time: Dec 26 04:20:32 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

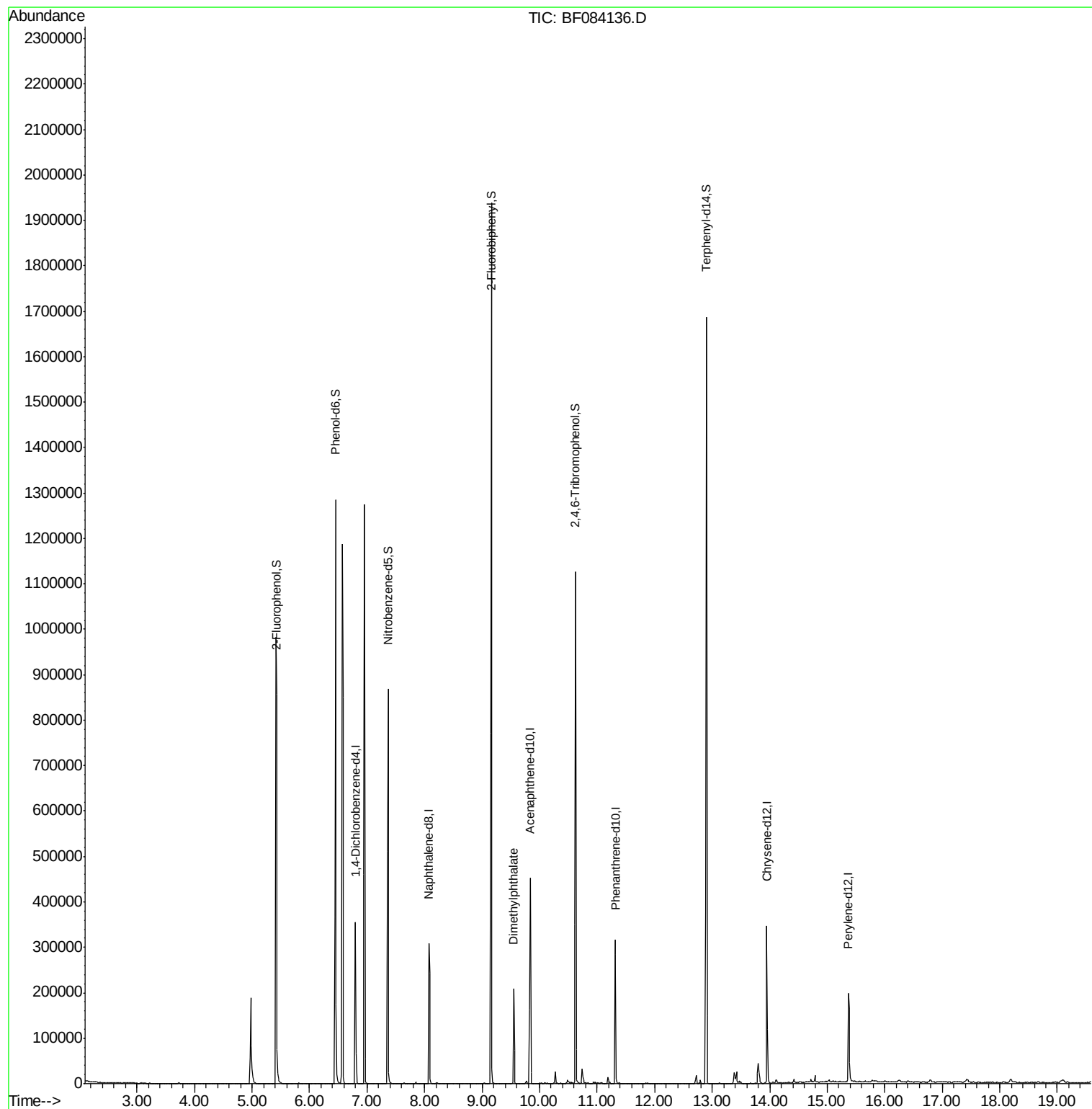
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	52478	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	200521	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	96544	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	168158	20.00	ng	0.00
75) Chrysene-d12	13.95	240	124447	20.00	ng	-0.01
86) Perylene-d12	15.37	264	106130	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	417713	134.95	ng	0.01
7) Phenol-d6	6.45	99	470951	122.96	ng	0.00
23) Nitrobenzene-d5	7.37	82	340283	99.33	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	131517	127.74	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	647354	91.75	ng	0.00
78) Terphenyl-d14	12.90	244	483847	70.35	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.55	163	90953	11.38	ng	# 89

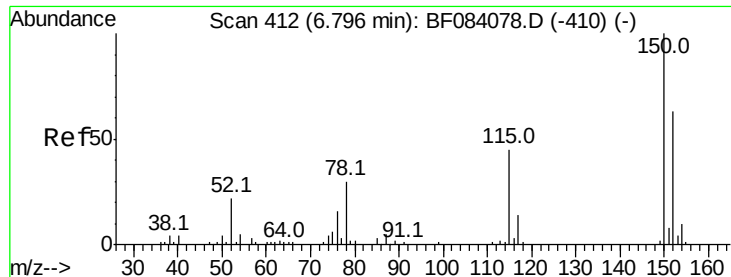
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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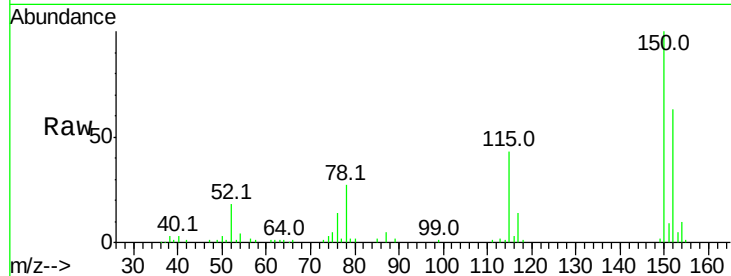


#1

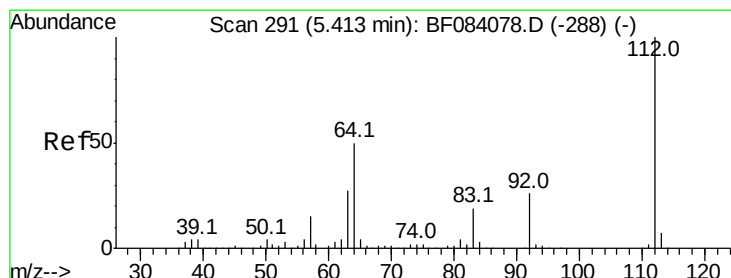
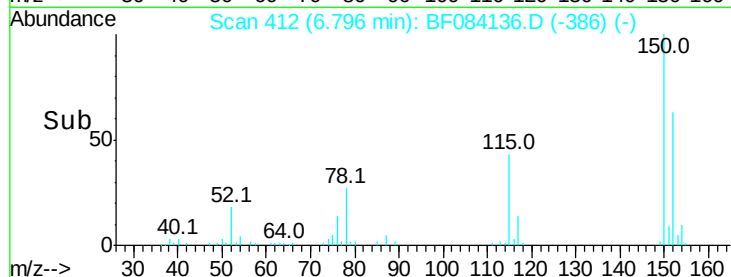
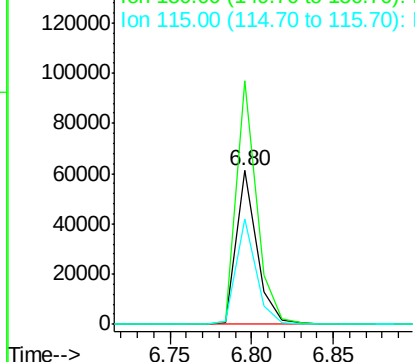
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF084136.D
Acq: 25 Dec 2015 18:47

Instrument :
BNA_F
ClientSampleId :
PJ-SB-8(1.5-2.0)

Tot Ion:152 Resp: 52478
Ion Ratio Lower Upper
152 100
150 158.5 123.0 184.4
115 68.4 51.4 77.2



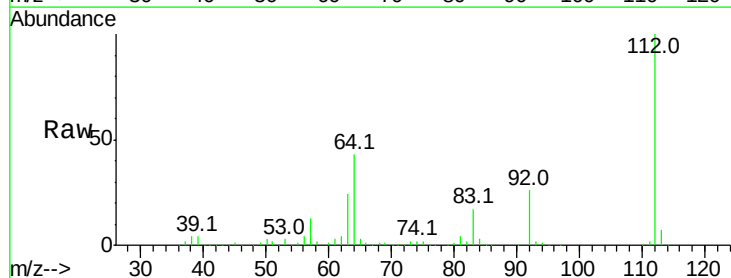
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



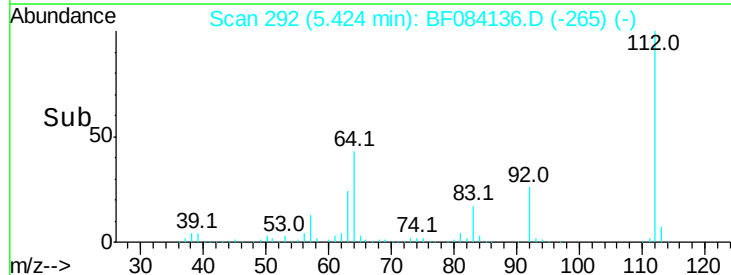
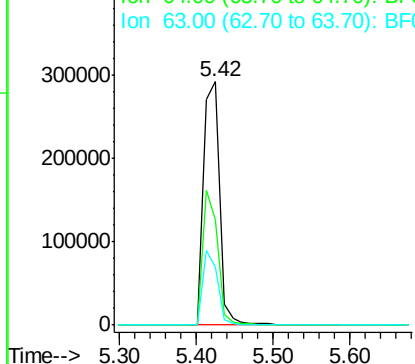
#5

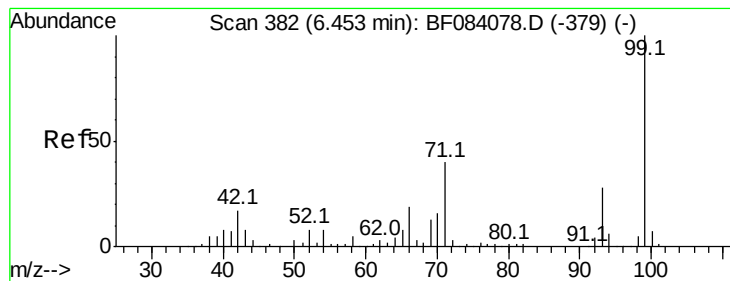
2-Fluorophenol
Concen: 134.95 ng
RT: 5.42 min Scan# 292
Delta R.T. 0.01 min
Lab File: BF084136.D
Acq: 25 Dec 2015 18:47

Tgt Ion:112 Resp: 417713
Ion Ratio Lower Upper
112 100
64 43.0 36.6 55.0
63 23.6 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: 122.96 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF084136.D

Acq: 25 Dec 2015 18:47

Instrument :

BNA_F

ClientSampleId :

PJ-SB-8(1.5-2.0)

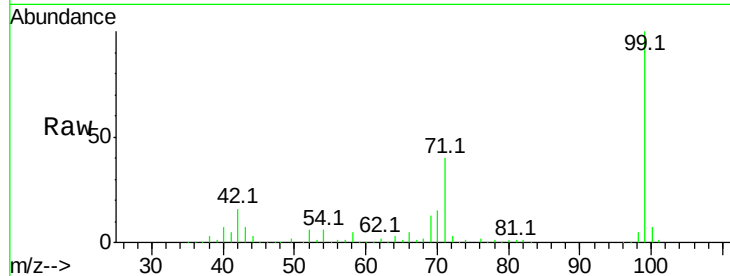
Tot Ion: 99 Resp: 470951

Ion Ratio Lower Upper

99 100

42 16.1 12.8 19.2

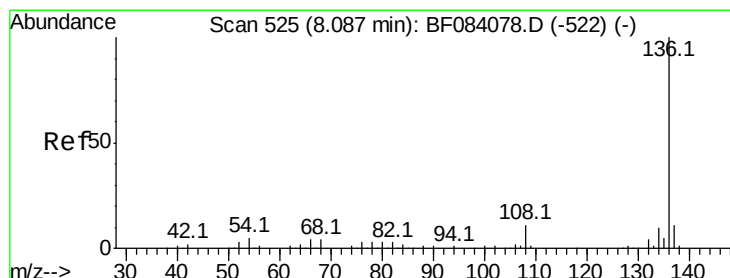
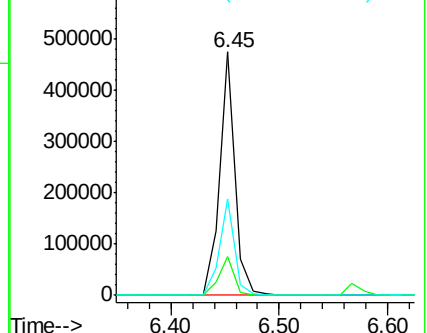
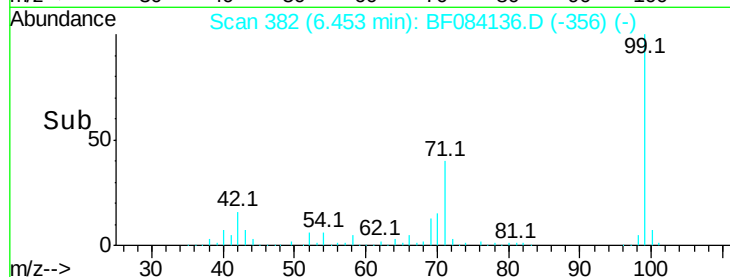
71 39.7 30.9 46.3



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: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF084136.D

Acq: 25 Dec 2015 18:47

Tgt Ion: 136 Resp: 200521

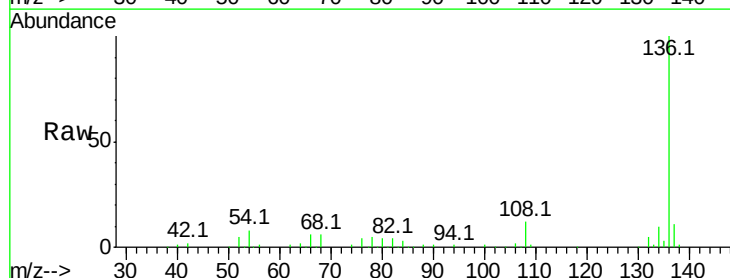
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.6 5.8 8.8

68 5.5 4.2 6.2

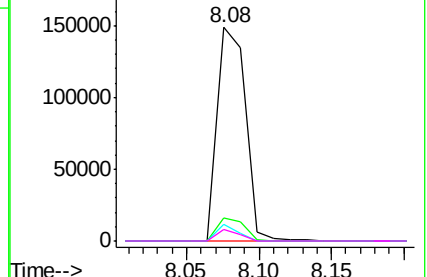
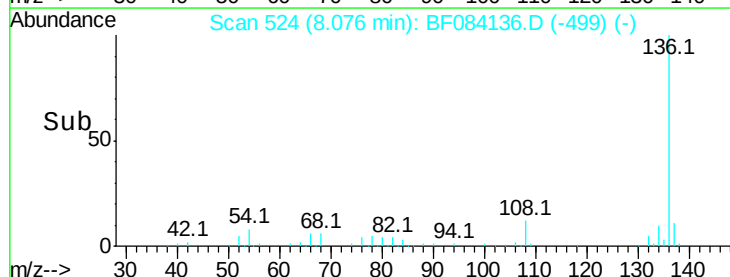


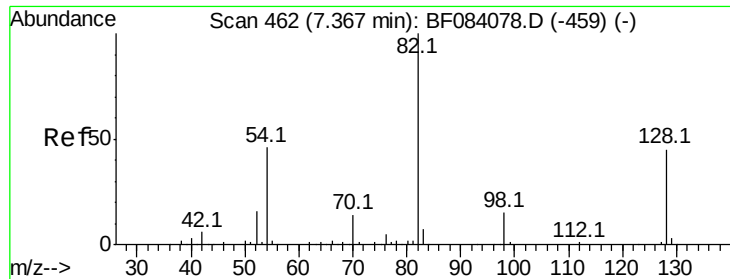
Abundance Ion 136.00 (135.70 to 136.70): E

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

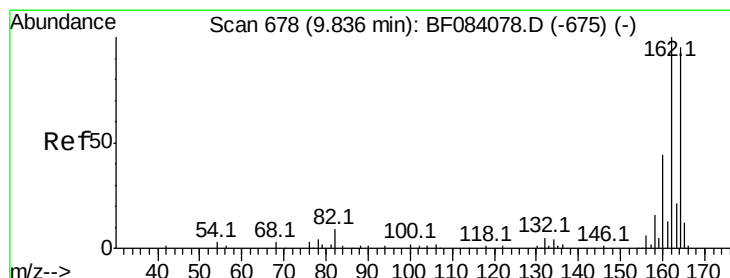
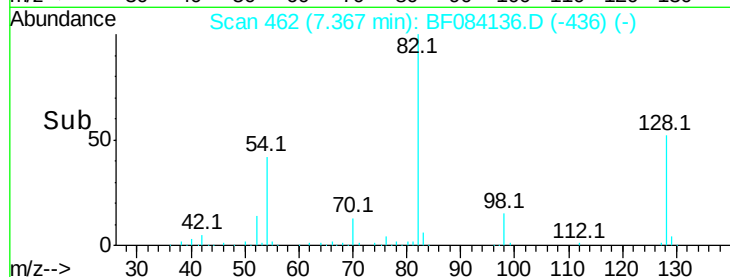
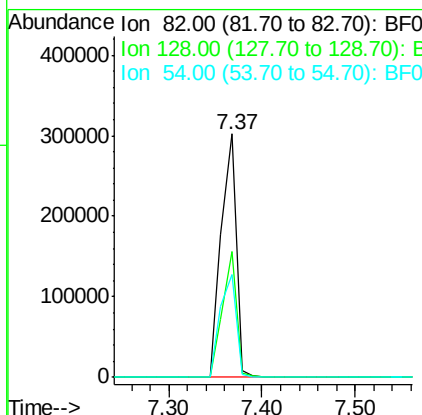
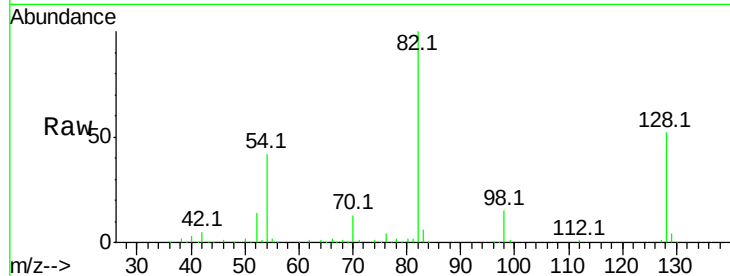




#23
 Nitrobenzene-d5
 Concen: 99.33 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.00 min
 Lab File: BF084136.D
 Acq: 25 Dec 2015 18:47

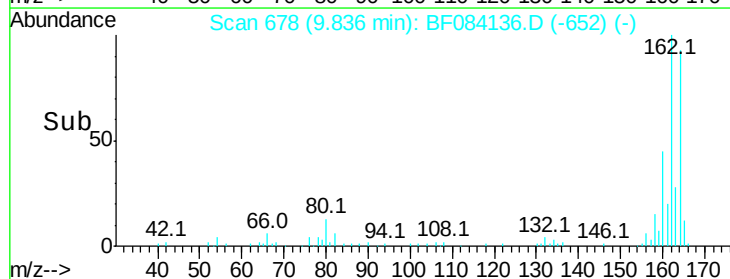
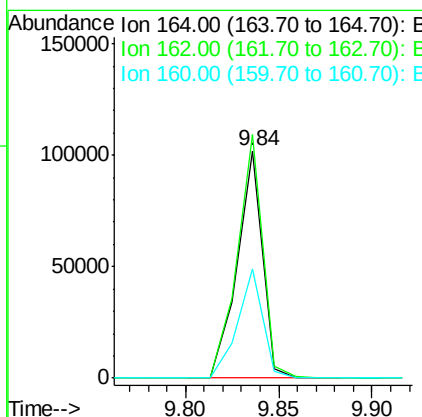
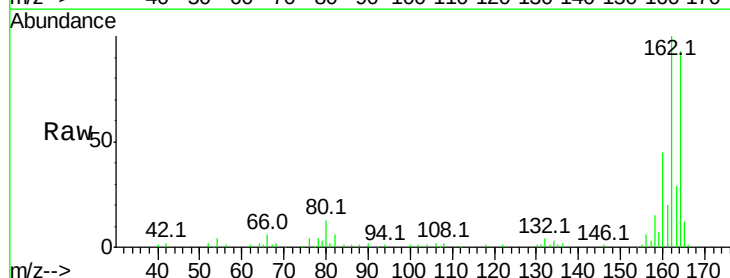
Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-8(1.5-2.0)

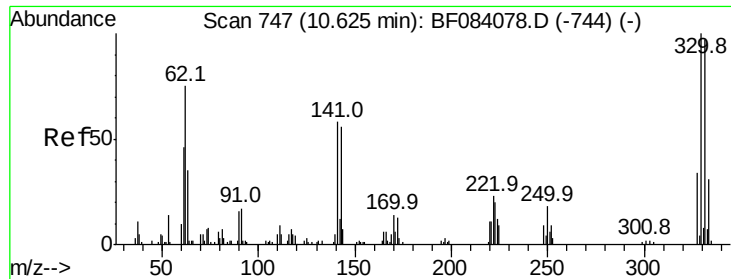
Tot Ion	82	Resp	340283
Ion	Ratio	Lower	Upper
82	100		
128	52.0	34.6	51.8#
54	42.4	38.4	57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: BF084136.D
 Acq: 25 Dec 2015 18:47

Tgt Ion	164	Resp	96544
Ion	Ratio	Lower	Upper
164	100		
162	107.0	85.1	127.7
160	47.8	37.5	56.3

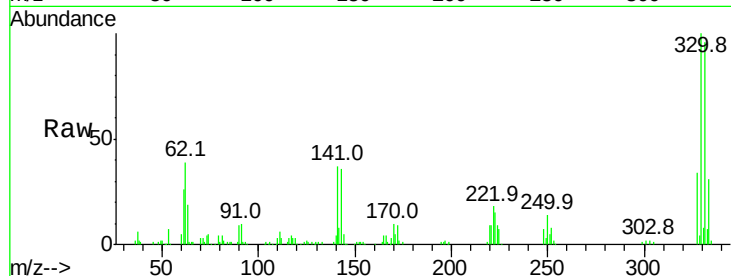




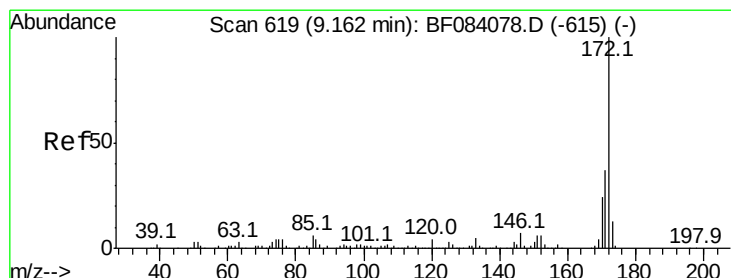
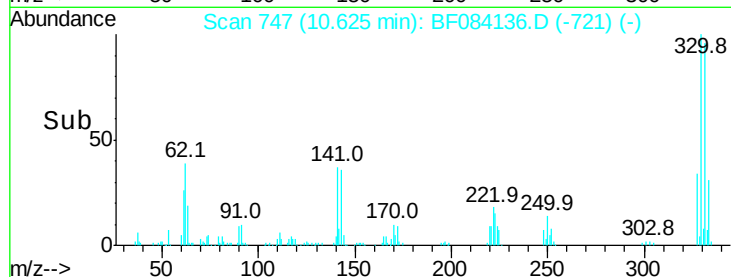
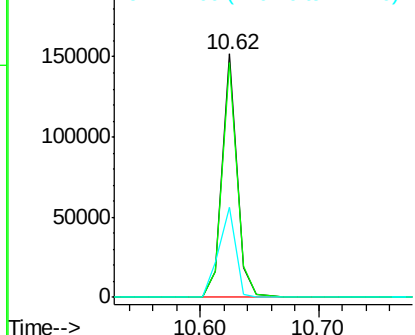
#41
 2,4,6-Tribromophenol
 Concen: 127.74 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF084136.D
 Acq: 25 Dec 2015 18:47

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-8(1.5-2.0)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	114.8
141	42.0	27.8	41.6#

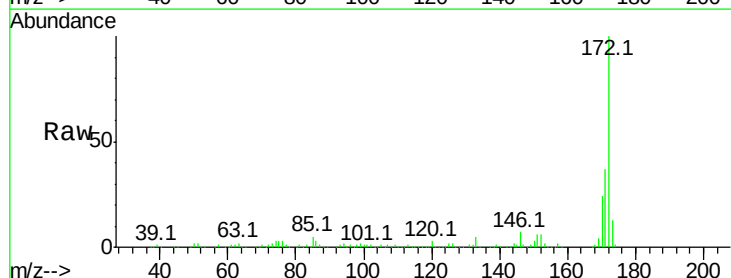


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

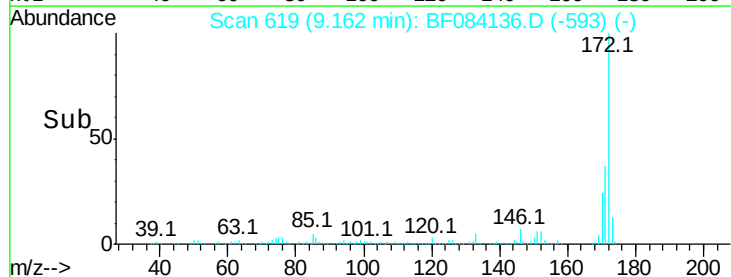
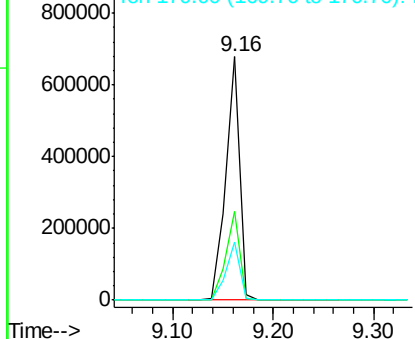


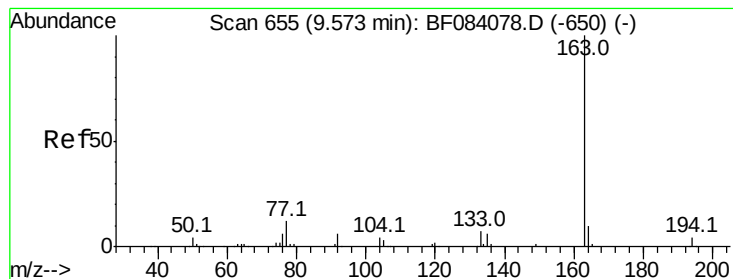
#44
 2-Fluorobiphenyl
 Concen: 91.75 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF084136.D
 Acq: 25 Dec 2015 18:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.9	43.3
170	23.8	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: 11.38 ng

RT: 9.55 min Scan# 653

Delta R.T. -0.02 min

Lab File: BF084136.D

Acq: 25 Dec 2015 18:47

Instrument :

BNA_F

ClientSampleId :

PJ-SB-8(1.5-2.0)

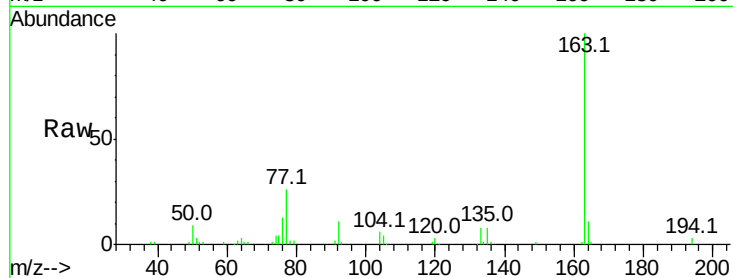
Tot Ion:163 Resp: 90953

Ion Ratio Lower Upper

163 100

194 2.9 8.0 12.0#

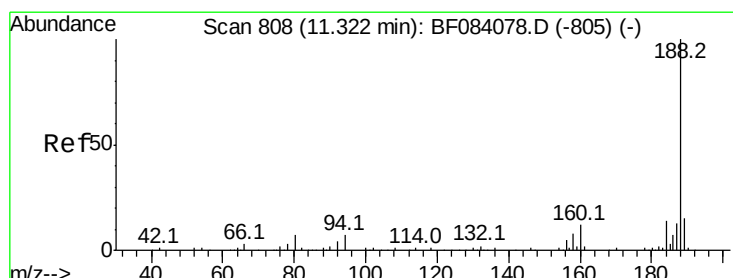
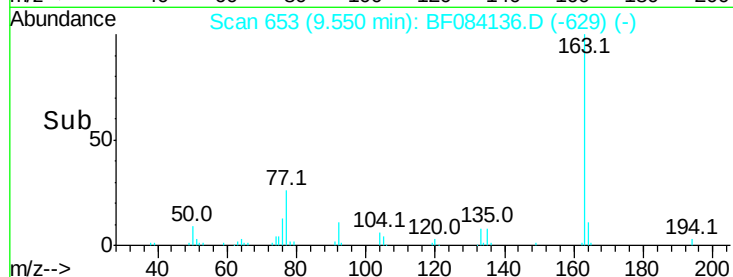
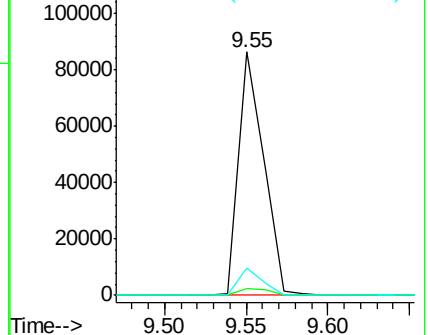
164 11.2 8.0 12.0



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: 11.32 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF084136.D

Acq: 25 Dec 2015 18:47

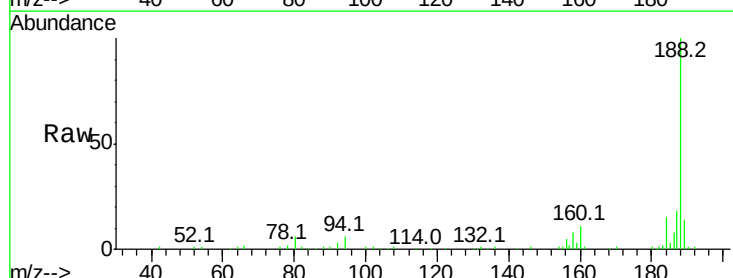
Tgt Ion:188 Resp: 168158

Ion Ratio Lower Upper

188 100

94 5.9 9.0 13.4#

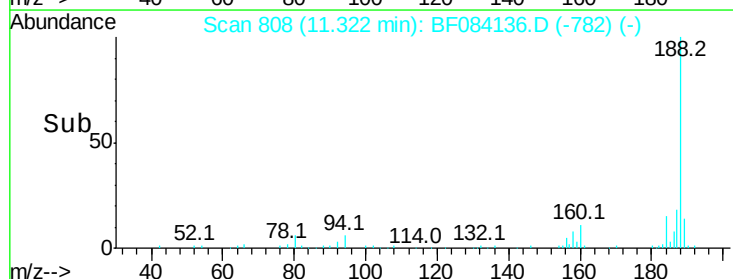
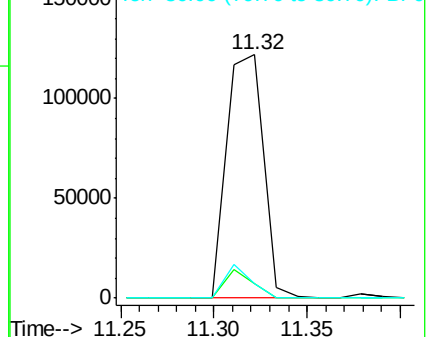
80 6.0 9.6 14.4#

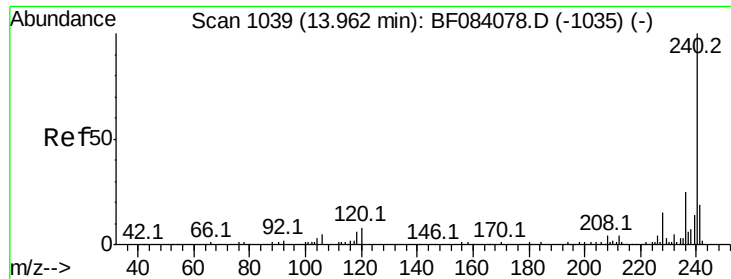


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF084136.D

Acq: 25 Dec 2015 18:47

Instrument :

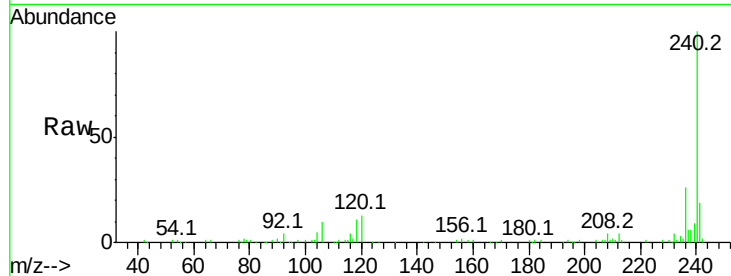
BNA_F

ClientSampleId :

PJ-SB-8(1.5-2.0)

Tot Ion:240 Resp: 124447

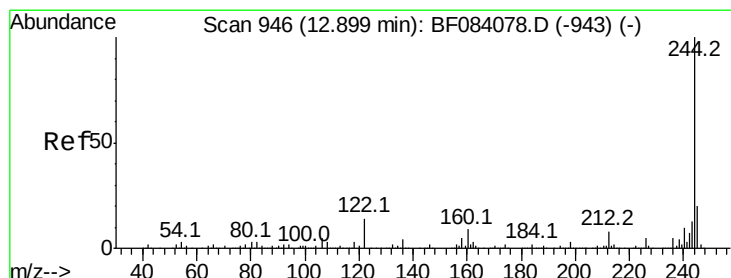
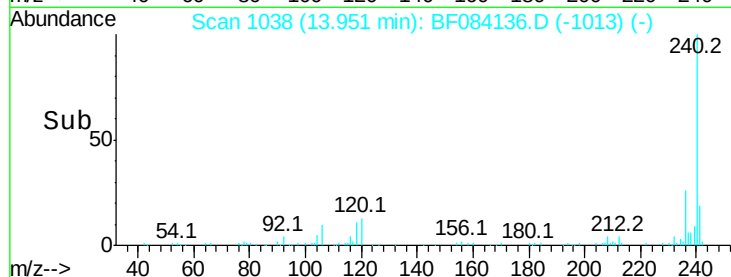
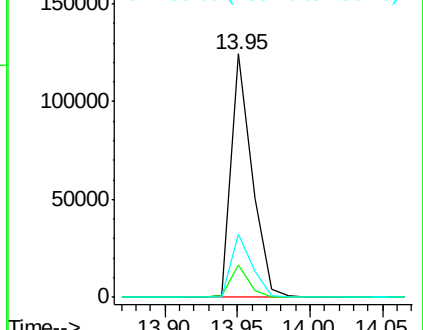
Ion	Ratio	Lower	Upper
240	100		
120	13.1	9.5	14.3
236	25.7	20.6	31.0



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: 70.35 ng

RT: 12.90 min Scan# 946

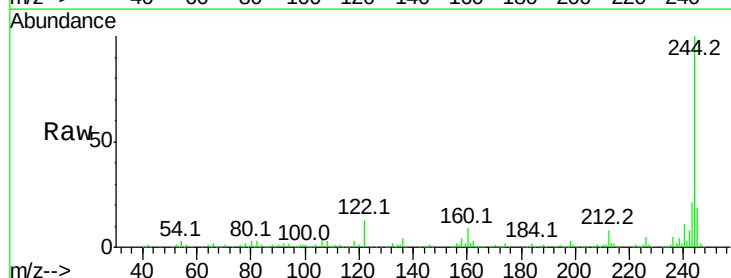
Delta R.T. -0.00 min

Lab File: BF084136.D

Acq: 25 Dec 2015 18:47

Tgt Ion:244 Resp: 483847

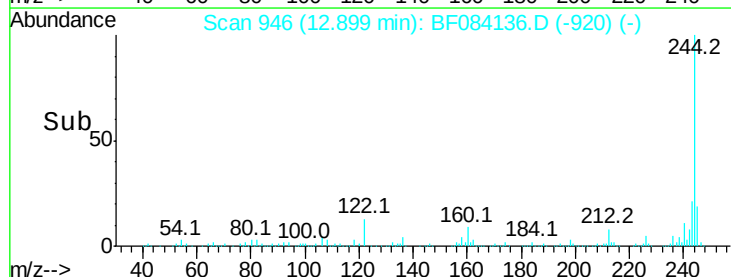
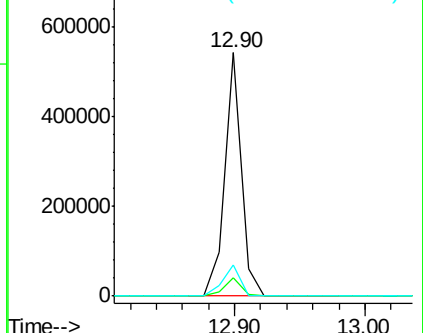
Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.7	8.5
122	12.7	7.4	11.0#

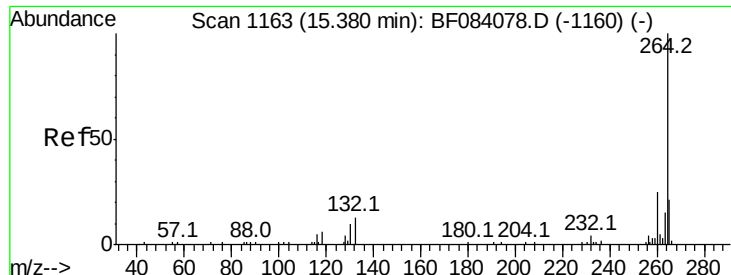


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

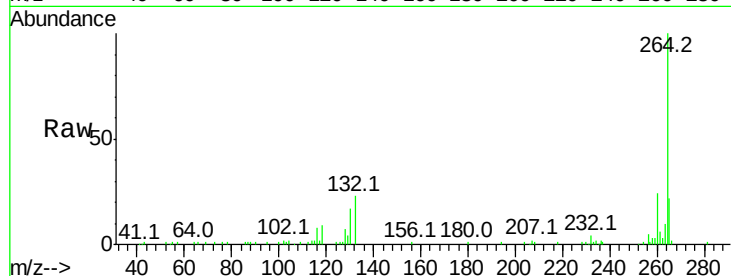




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF084136.D
Acq: 25 Dec 2015 18:47

Instrument :
BNA_F
ClientSampleId :
PJ-SB-8(1.5-2.0)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.9	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

