

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
 Data File : BF084124.D
 Acq On : 25 Dec 2015 12:37
 Operator : UM/SJ
 Sample : G4961-02
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-7(21.0-21.5)

Quant Time: Dec 26 00:35:49 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

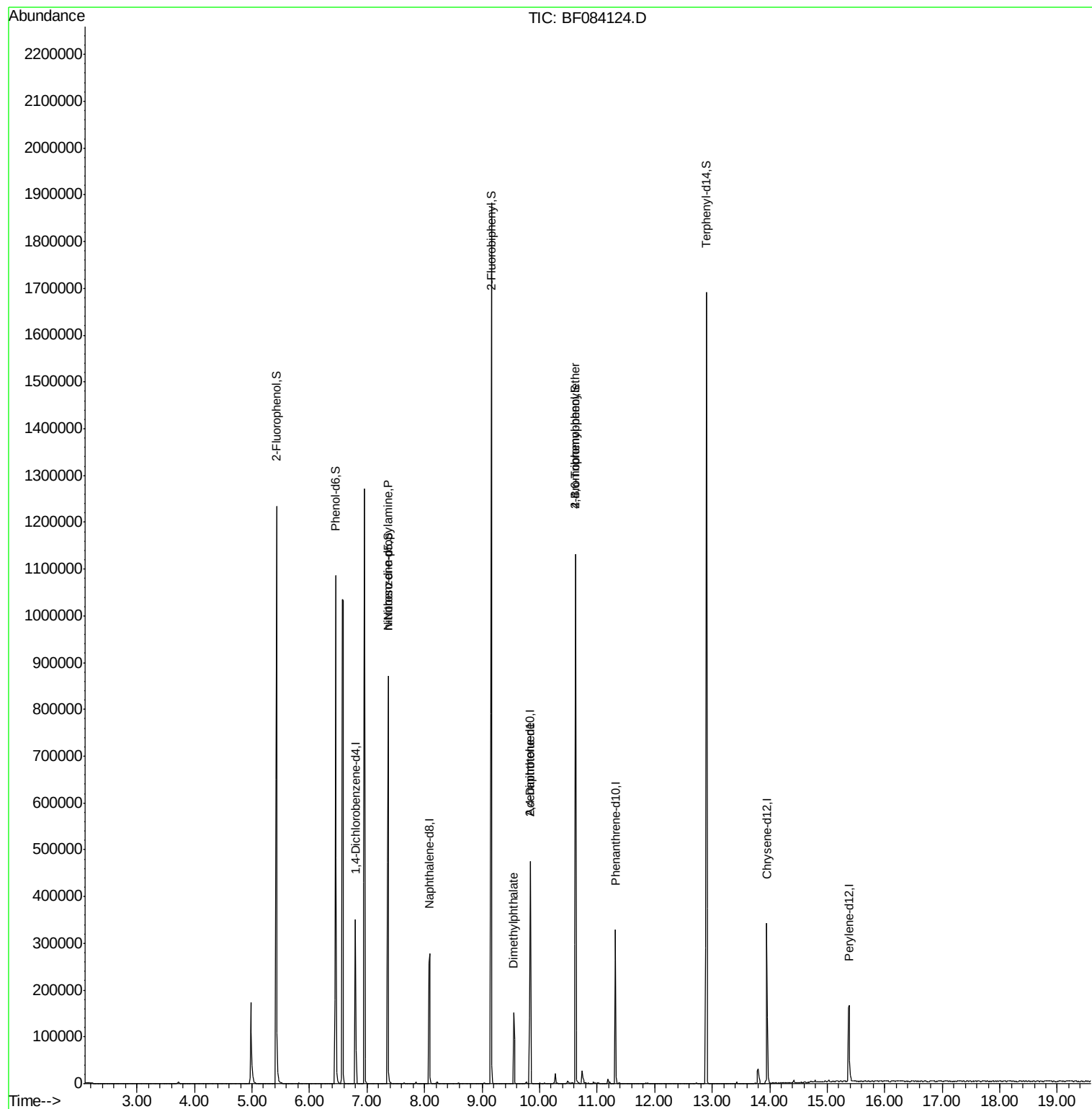
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	51486	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	196279	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	97065	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	169058	20.00	ng	0.00
75) Chrysene-d12	13.95	240	129348	20.00	ng	-0.01
86) Perylene-d12	15.38	264	101477	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	423502	139.46	ng	0.01
7) Phenol-d6	6.45	99	461141	122.72	ng	0.00
23) Nitrobenzene-d5	7.37	82	333133	99.35	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	127526	123.20	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	637584	89.88	ng	0.00
78) Terphenyl-d14	12.90	244	519267	72.64	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	45593	19.70	ng	# 74
49) Dimethylphthalate	9.55	163	80486	10.01	ng	# 90
56) 2,4-Dinitrotoluene	9.84	165	12566	5.58	ng	# 20
66) 4-Bromophenyl-phenylether	10.62	248	9402	4.80	ng	# 1
74) Fluoranthene	12.55	202	393	Below	Cal	63

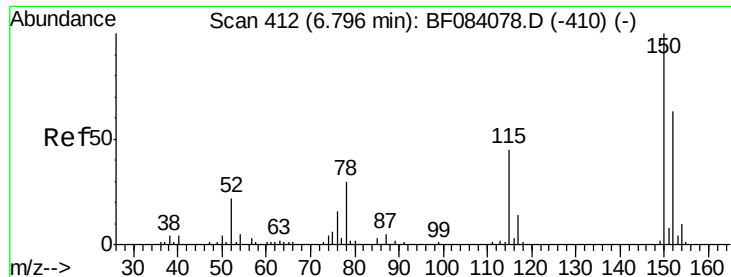
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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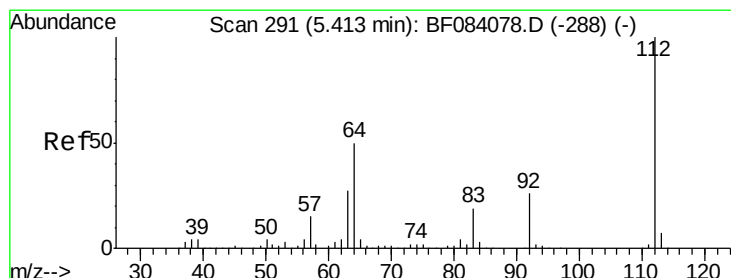
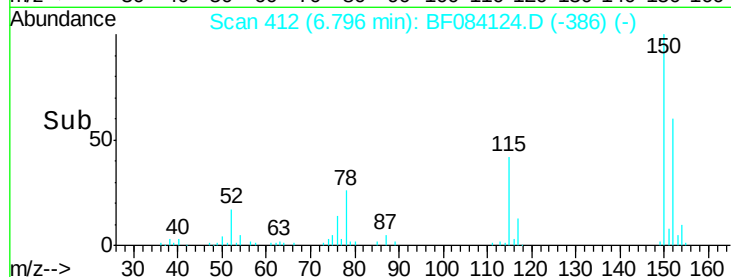
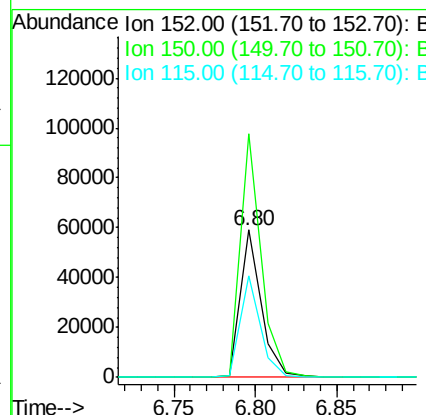
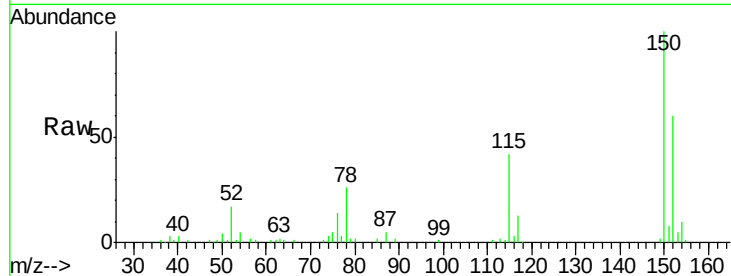


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF084124.D
Acq: 25 Dec 2015 12:37

Instrument :
BNA_F
ClientSampleId :
PJ-SB-7(21.0-21.5)

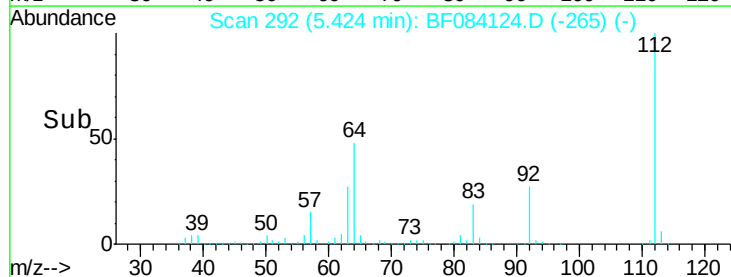
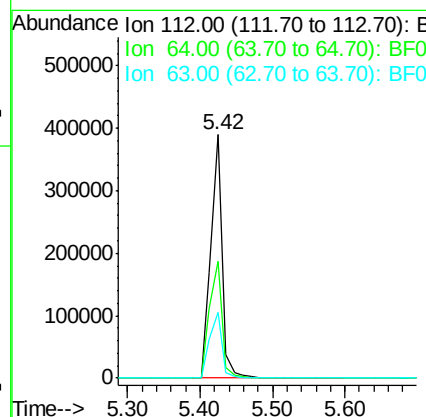
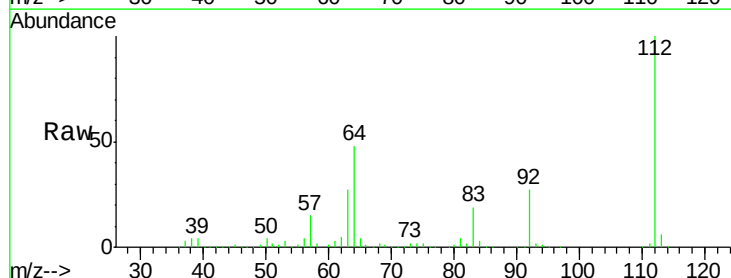
Tgt Ion:152 Resp: 51486
Ion Ratio Lower Upper
152 100
150 165.3 123.0 184.4
115 69.2 51.4 77.2

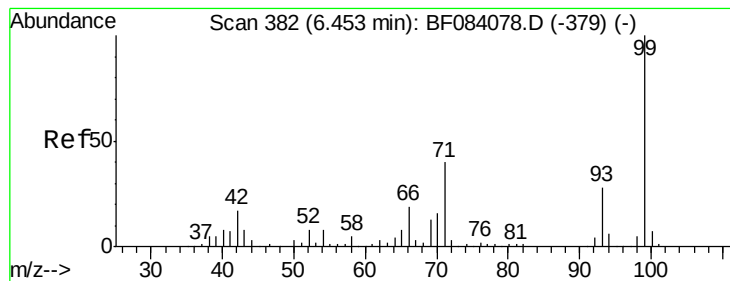


#5

2-Fluorophenol
Concen: 139.46 ng
RT: 5.42 min Scan# 292
Delta R.T. 0.01 min
Lab File: BF084124.D
Acq: 25 Dec 2015 12:37

Tgt Ion:112 Resp: 423502
Ion Ratio Lower Upper
112 100
64 48.1 36.6 55.0
63 26.8 19.4 29.0





#7

Phenol-d6

Concen: 122.72 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF084124.D

Acq: 25 Dec 2015 12:37

Instrument :

BNA_F

ClientSampleId :

PJ-SB-7(21.0-21.5)

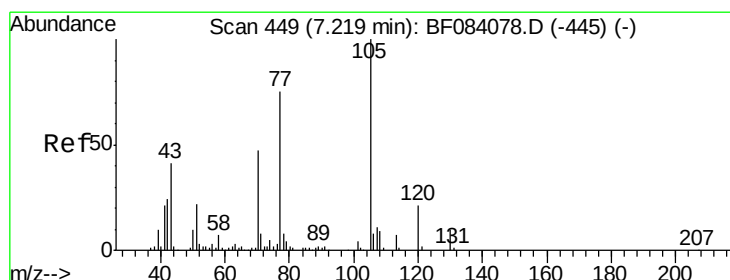
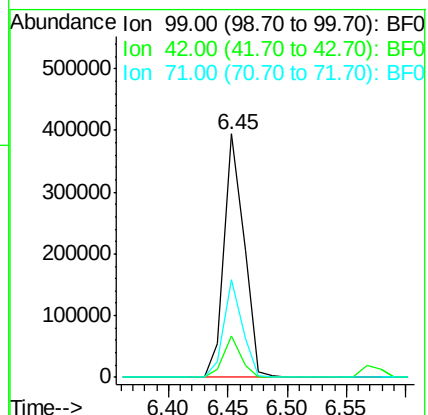
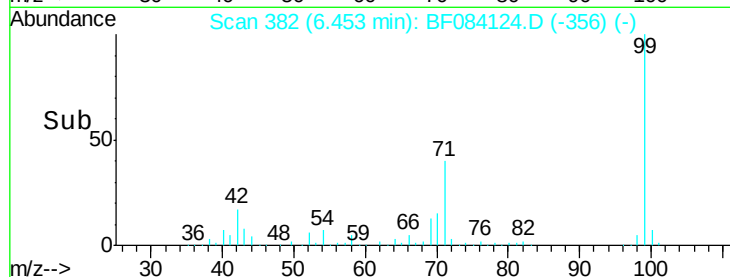
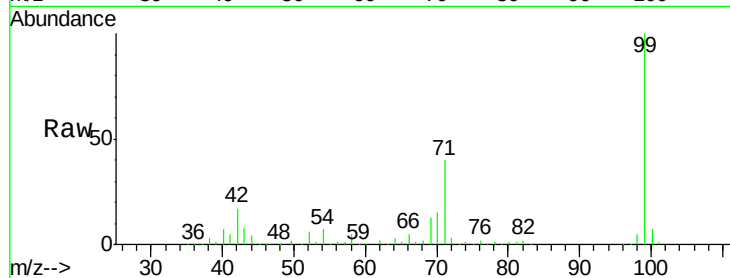
Tgt Ion: 99 Resp: 461141

Ion Ratio Lower Upper

99 100

42 16.9 12.8 19.2

71 40.1 30.9 46.3



#19

n-Nitroso-di-n-propylamine

Concen: 19.70 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.15 min

Lab File: BF084124.D

Acq: 25 Dec 2015 12:37

Tgt Ion: 70 Resp: 45593

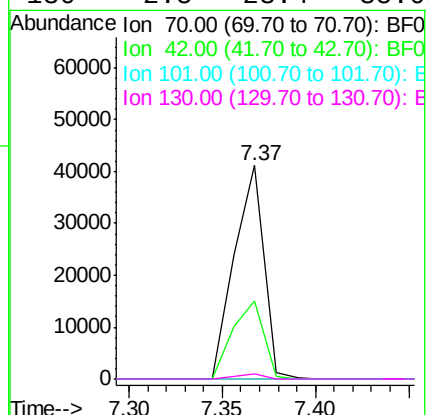
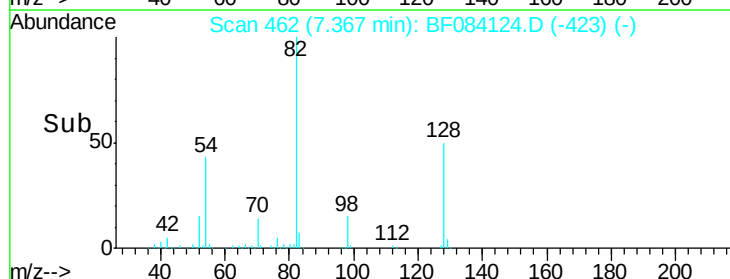
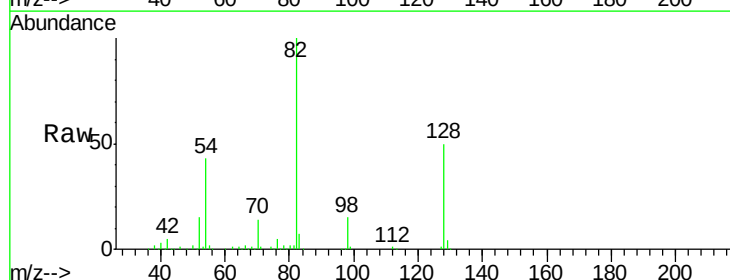
Ion Ratio Lower Upper

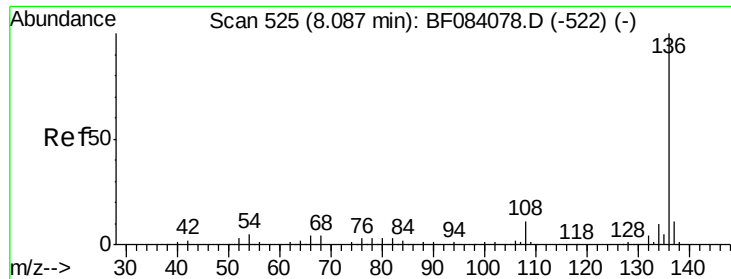
70 100

42 36.8 33.3 49.9

101 0.0 9.3 13.9#

130 2.5 23.4 35.0#

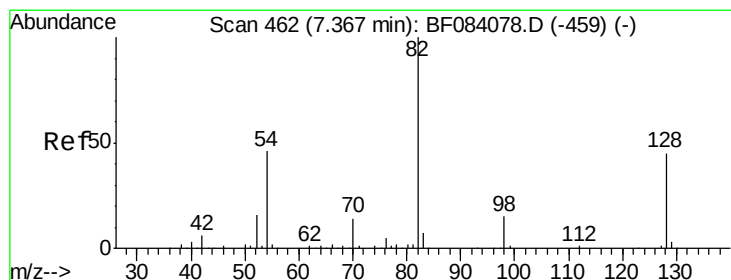
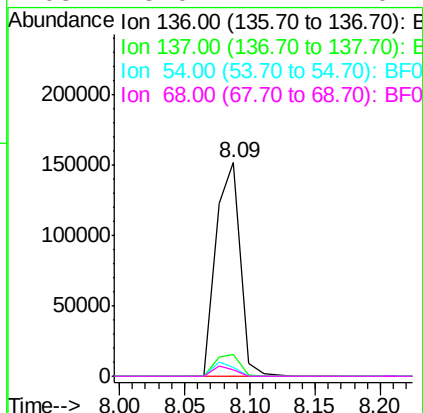
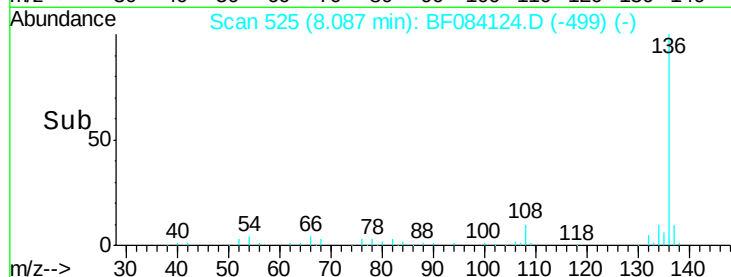
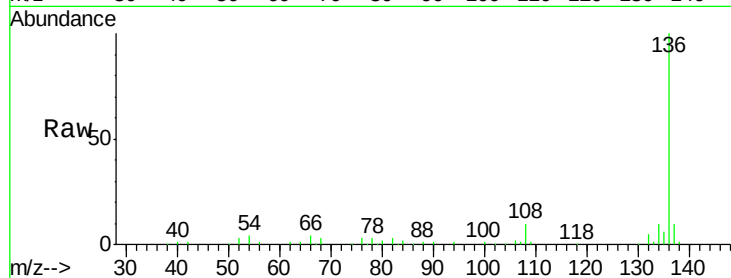




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF084124.D
Acq: 25 Dec 2015 12:37

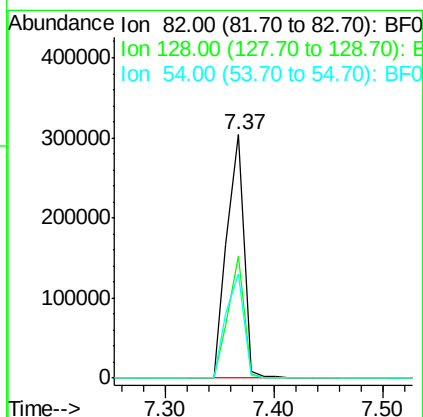
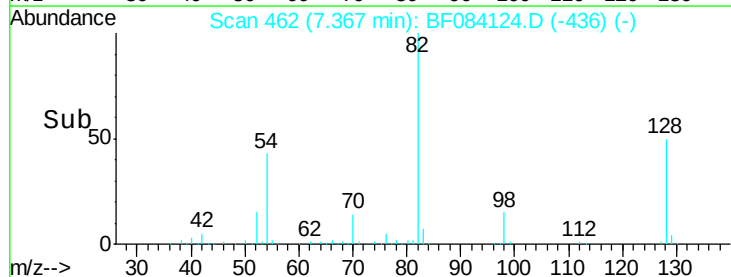
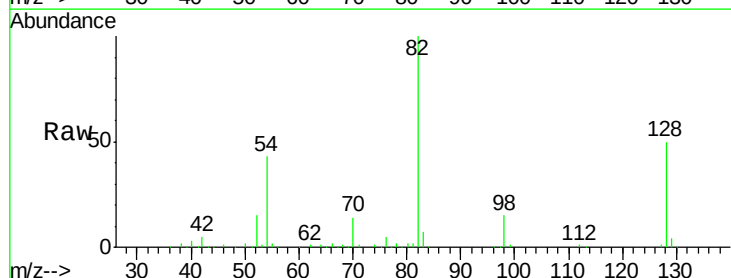
Instrument :
BNA_F
ClientSampleId :
PJ-SB-7(21.0-21.5)

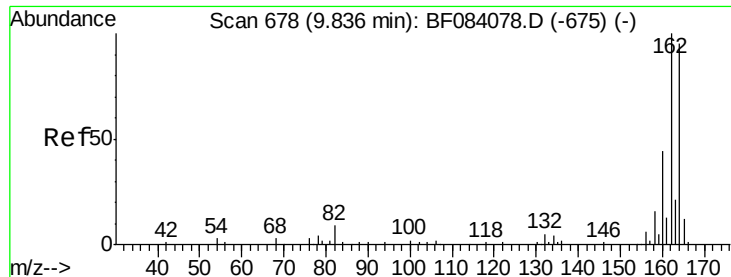
Tgt Ion:	136	Resp:	196279
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.7	13.1
54	4.0	5.8	8.8#
68	3.0	4.2	6.2#



#23
Nitrobenzene-d5
Concen: 99.35 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF084124.D
Acq: 25 Dec 2015 12:37

Tgt Ion:	82	Resp:	333133
Ion	Ratio	Lower	Upper
82	100		
128	50.3	34.6	51.8
54	42.6	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: BF084124.D

Acq: 25 Dec 2015 12:37

Instrument :

BNA_F

ClientSampleId :

PJ-SB-7(21.0-21.5)

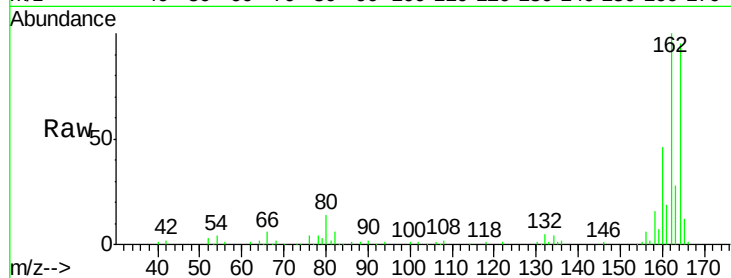
Tgt Ion:164 Resp: 97065

Ion Ratio Lower Upper

164 100

162 105.2 85.1 127.7

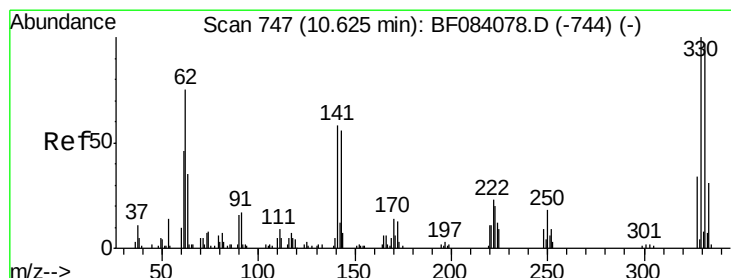
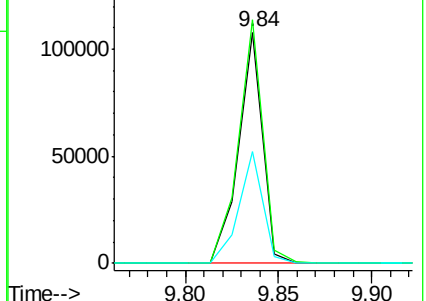
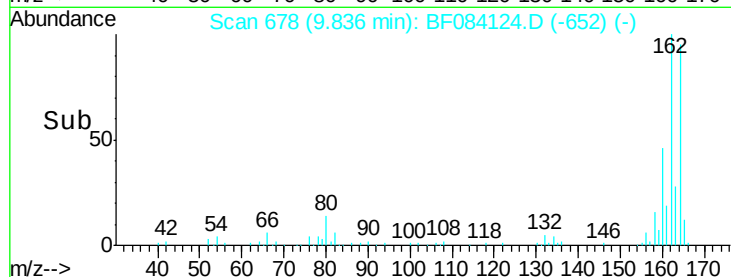
160 48.1 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 123.20 ng

RT: 10.62 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF084124.D

Acq: 25 Dec 2015 12:37

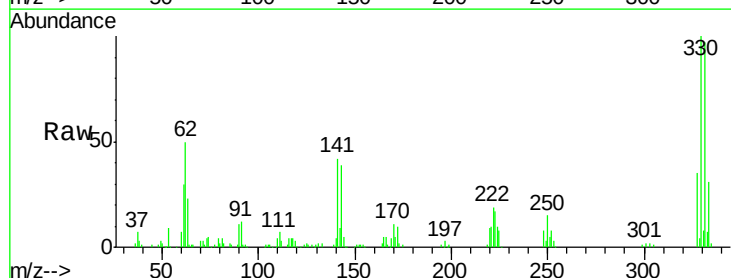
Tgt Ion:330 Resp: 127526

Ion Ratio Lower Upper

330 100

332 97.1 76.6 114.8

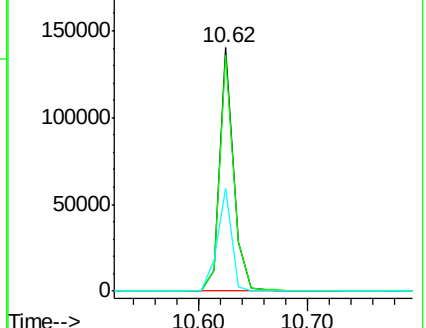
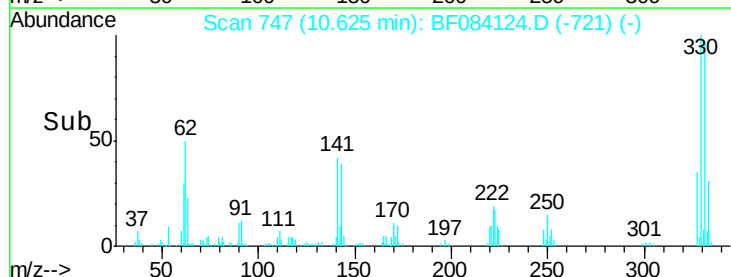
141 43.5 27.8 41.6#

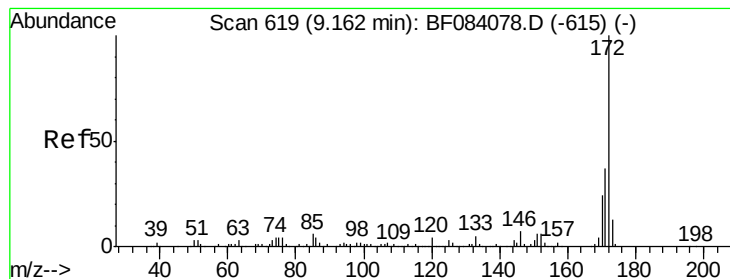


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 89.88 ng

RT: 9.16 min Scan# 619

Delta R.T. 0.00 min

Lab File: BF084124.D

Acq: 25 Dec 2015 12:37

Instrument :

BNA_F

ClientSampleId :

PJ-SB-7(21.0-21.5)

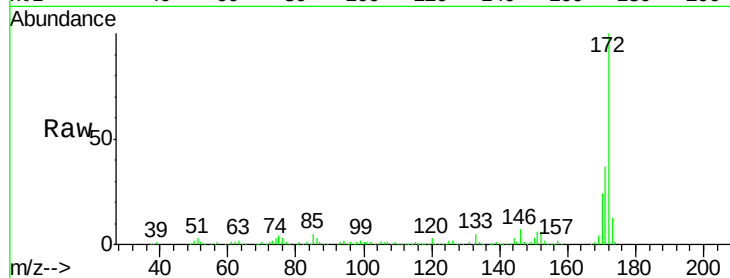
Tgt Ion:172 Resp: 637584

Ion Ratio Lower Upper

172 100

171 36.9 28.9 43.3

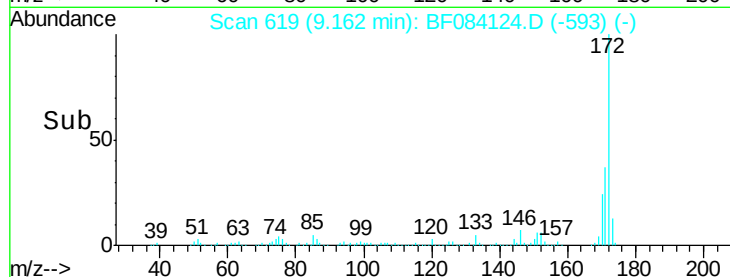
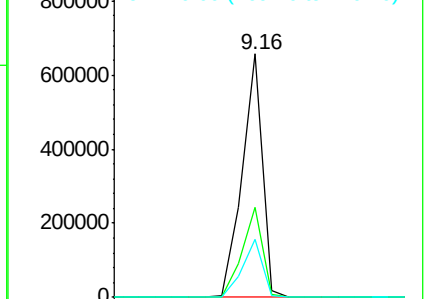
170 23.8 18.6 27.8



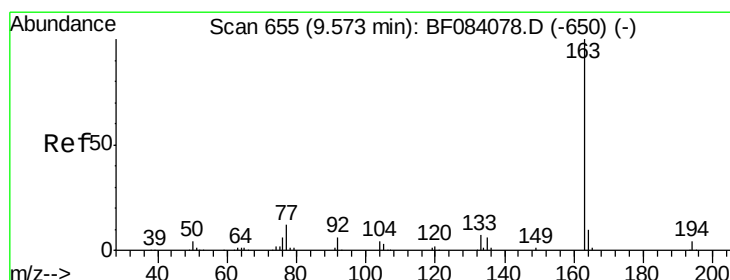
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time-->



#49

Dimethylphthalate

Concen: 10.01 ng

RT: 9.55 min Scan# 653

Delta R.T. -0.02 min

Lab File: BF084124.D

Acq: 25 Dec 2015 12:37

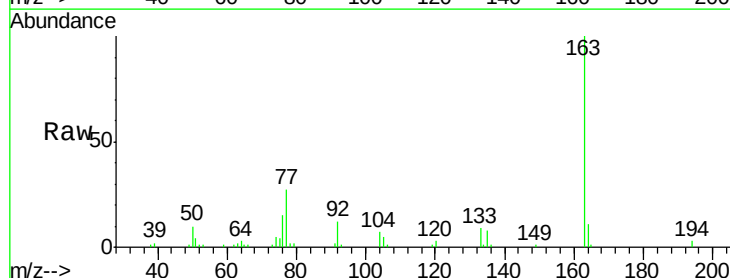
Tgt Ion:163 Resp: 80486

Ion Ratio Lower Upper

163 100

194 3.4 8.0 12.0#

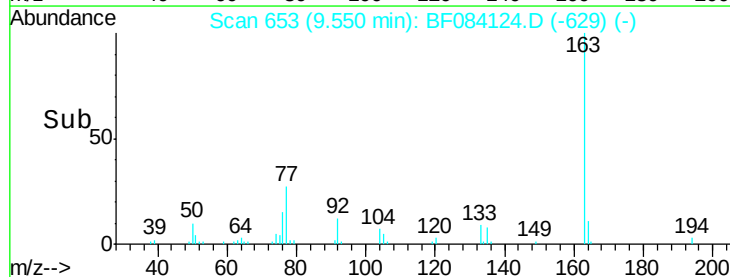
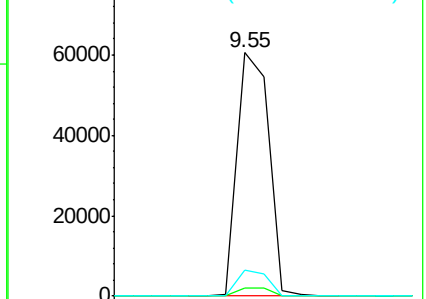
164 10.6 8.0 12.0



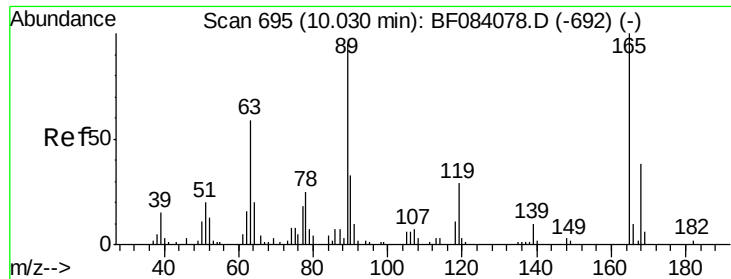
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->



#56

2,4-Dinitrotoluene

Concen: 5.58 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.19 min

Lab File: BF084124.D

Acq: 25 Dec 2015 12:37

Instrument :

BNA_F

ClientSampleId :

PJ-SB-7(21.0-21.5)

Tgt Ion:165 Resp: 12566

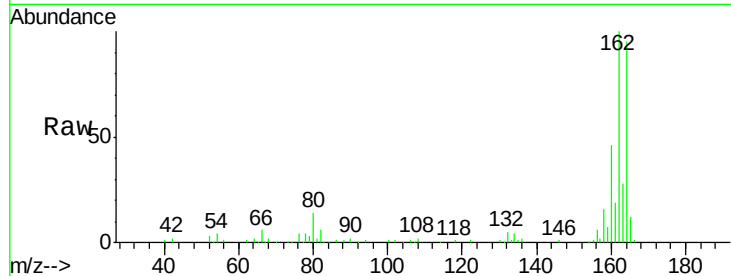
Ion Ratio Lower Upper

165 100

63 0.0 36.7 55.1#

89 0.0 61.9 92.9#

182 0.0 2.0 3.0#

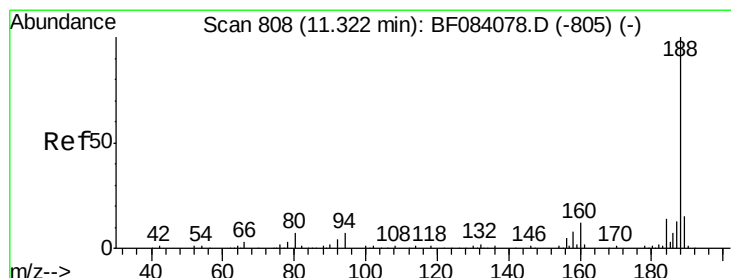
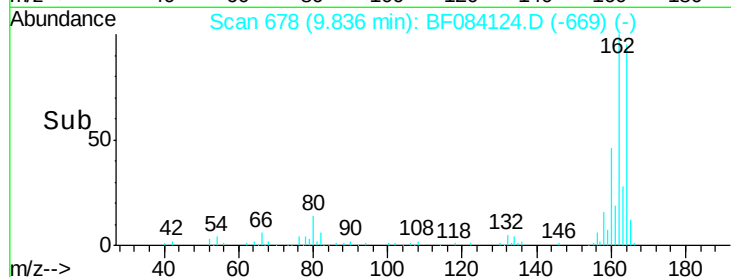
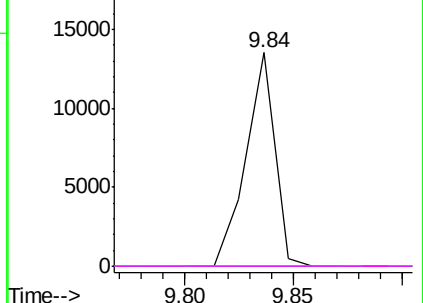


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF084124.D

Acq: 25 Dec 2015 12:37

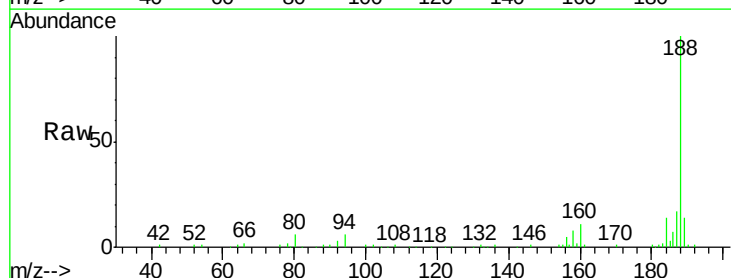
Tgt Ion:188 Resp: 169058

Ion Ratio Lower Upper

188 100

94 5.7 9.0 13.4#

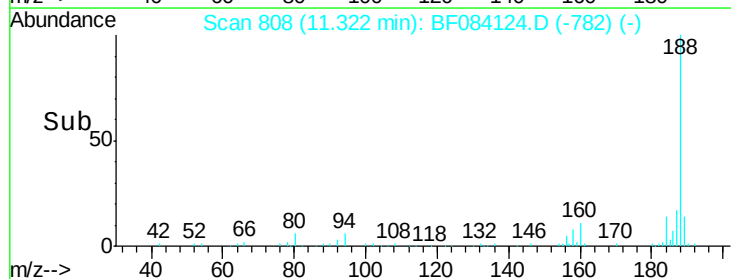
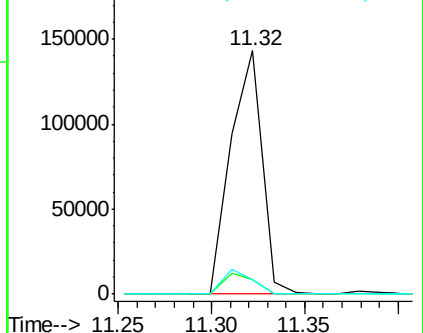
80 6.1 9.6 14.4#

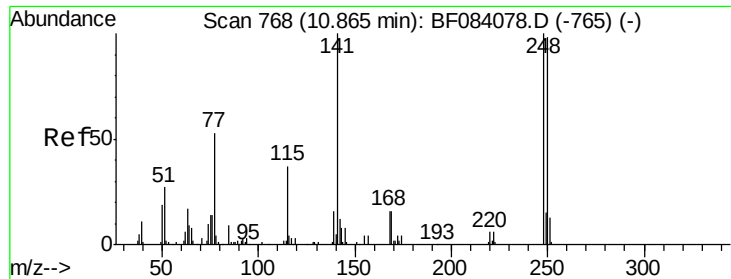


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

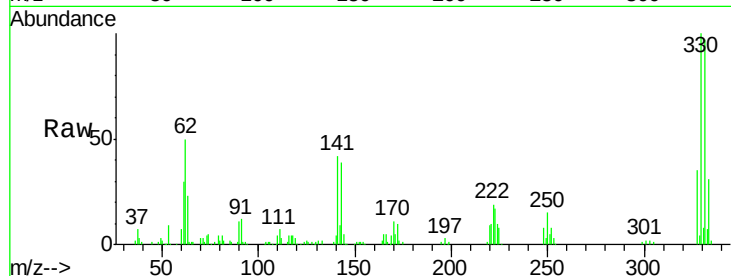




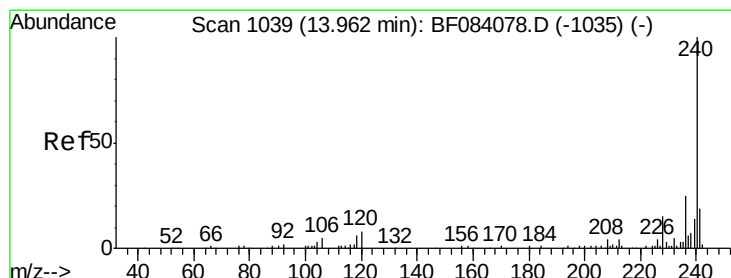
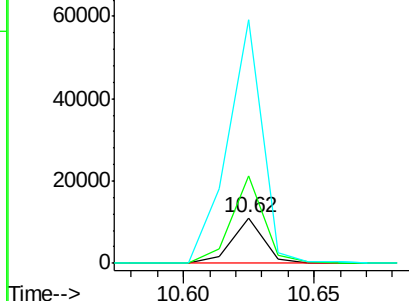
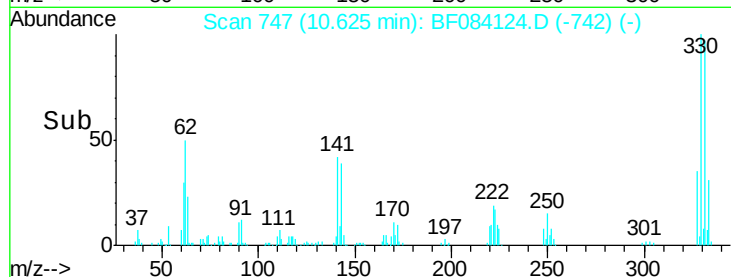
#66
 4-Bromophenyl-phenylether
 Concen: 4.80 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.24 min
 Lab File: BF084124.D
 Acq: 25 Dec 2015 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-7(21.0-21.5)

Tgt Ion:248 Resp: 9402
 Ion Ratio Lower Upper
 248 100
 250 190.6 78.4 117.6#
 141 533.6 44.0 66.0#

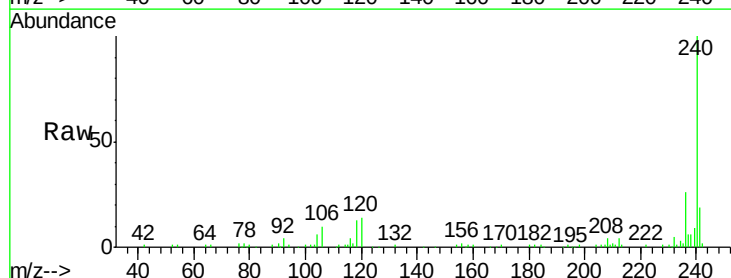


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

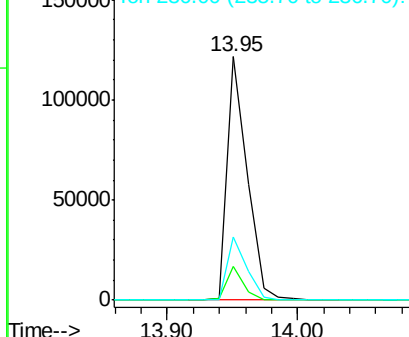
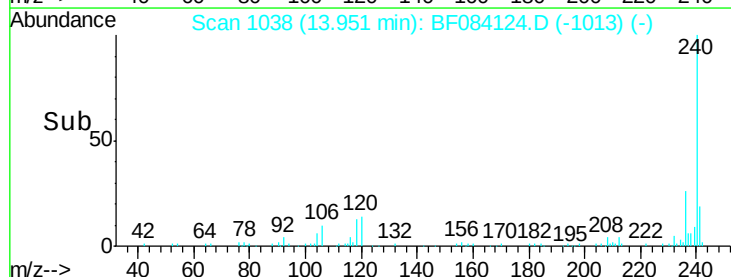


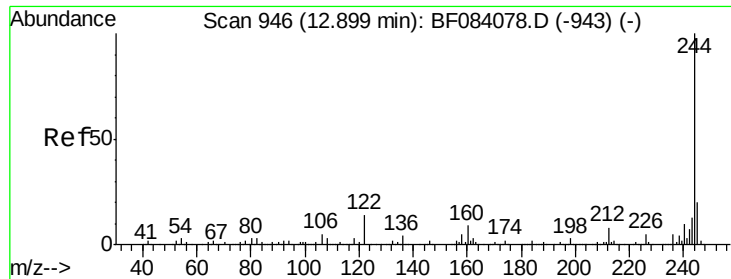
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF084124.D
 Acq: 25 Dec 2015 12:37

Tgt Ion:240 Resp: 129348
 Ion Ratio Lower Upper
 240 100
 120 13.6 9.5 14.3
 236 26.0 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

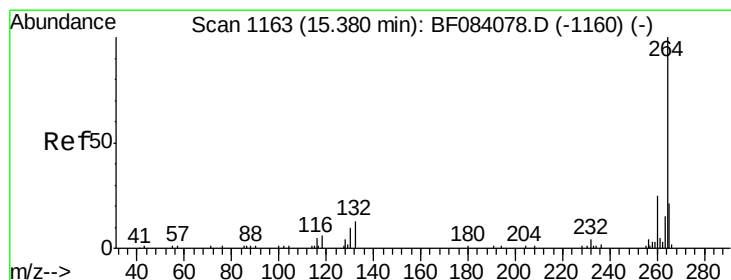
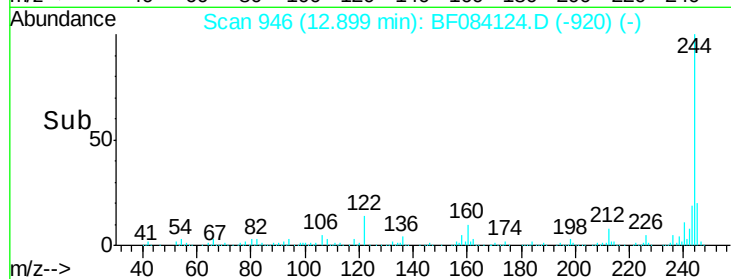
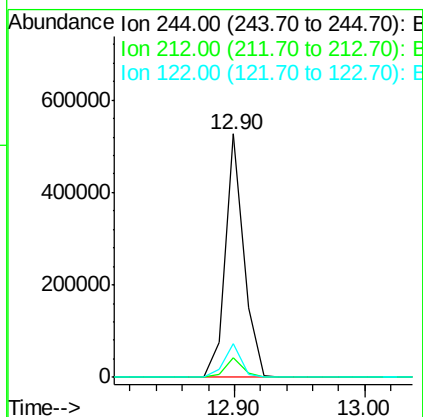
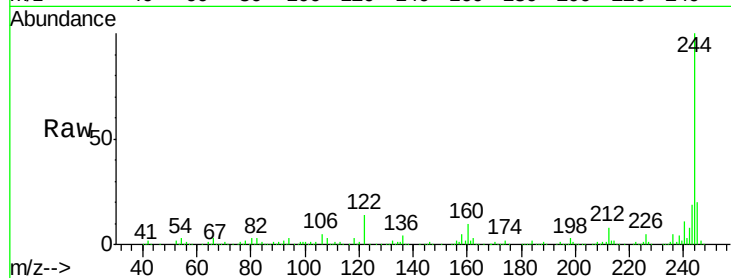




#78
 Terphenyl-d14
 Concen: 72.64 ng
 RT: 12.90 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF084124.D
 Acq: 25 Dec 2015 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-7(21.0-21.5)

Tgt Ion:244 Resp: 519267
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.7 8.5
 122 13.9 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF084124.D
 Acq: 25 Dec 2015 12:37

Tgt Ion:264 Resp: 101477
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 22.1 17.8 26.6

