

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 00:38:09 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

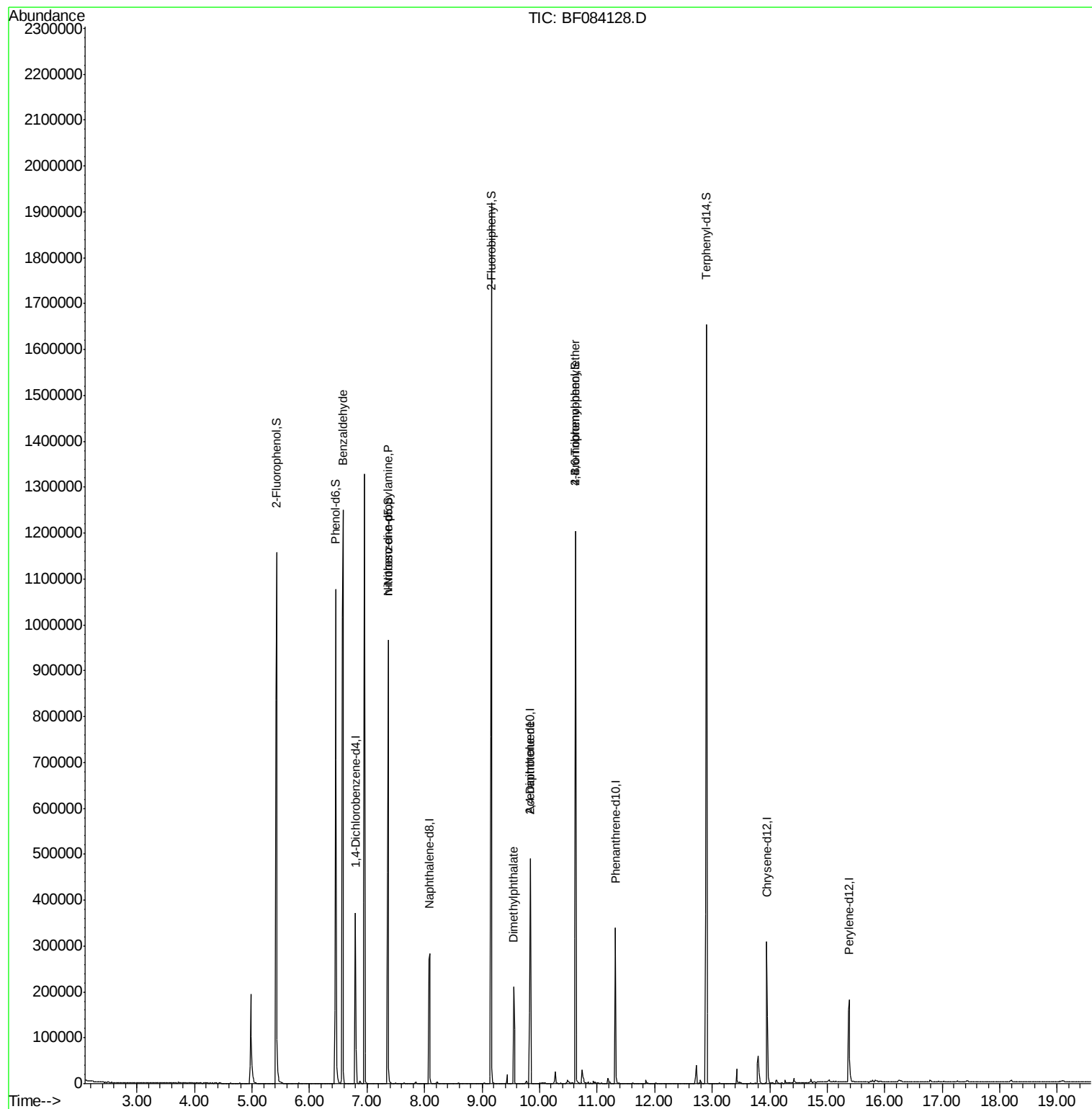
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	55895	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	203222	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	100519	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	175018	20.00	ng	0.00
75) Chrysene-d12	13.95	240	122065	20.00	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
9) Benzaldehyde	6.58	77	10871	4.98	ng	94
19) n-Nitroso-di-n-propylamine	7.37	70	48835	19.43	ng	# 75
49) Dimethylphthalate	9.55	163	107308	12.89	ng	# 89
56) 2,4-Dinitrotoluene	9.84	165	12981	5.56	ng	# 20
66) 4-Bromophenyl-phenylether	10.62	248	10151	5.01	ng	# 1
74) Fluoranthene	12.54	202	576	Below Cal		63

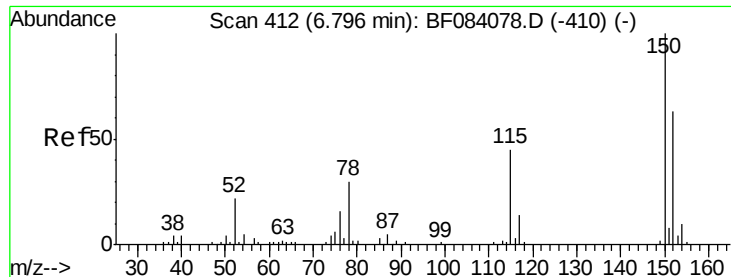
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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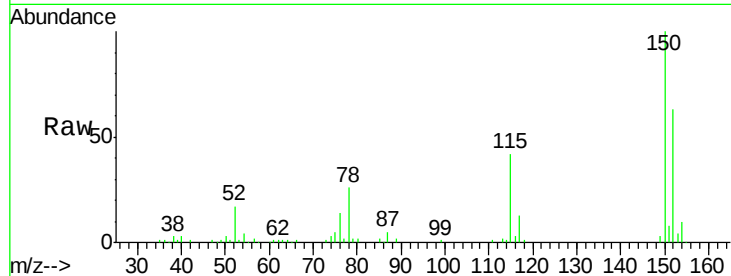


#1

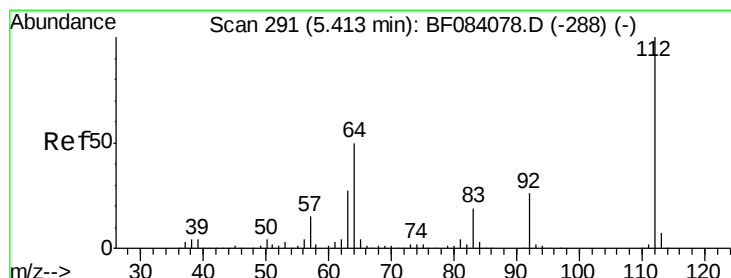
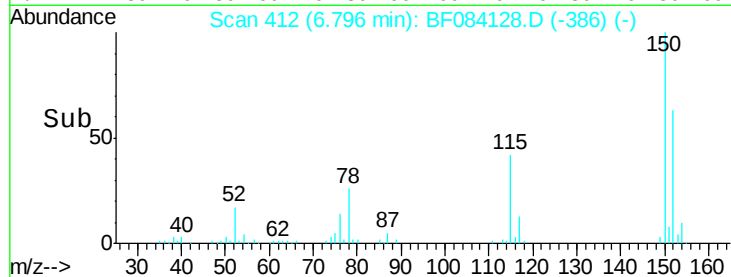
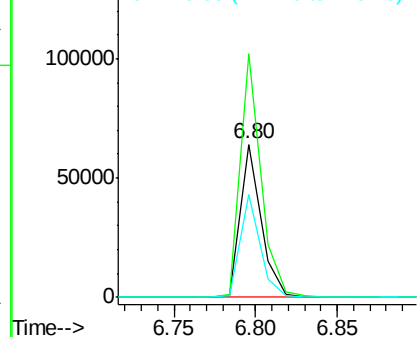
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF084128.D
Acq: 25 Dec 2015 14:30

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

Tgt Ion:152 Resp: 55895
Ion Ratio Lower Upper
152 100
150 158.9 123.0 184.4
115 67.0 51.4 77.2



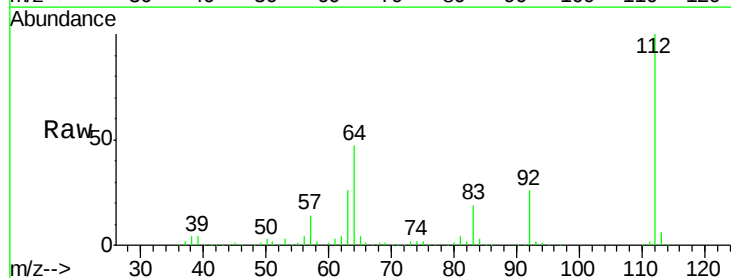
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



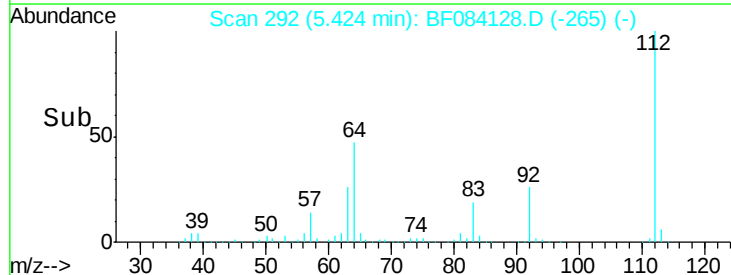
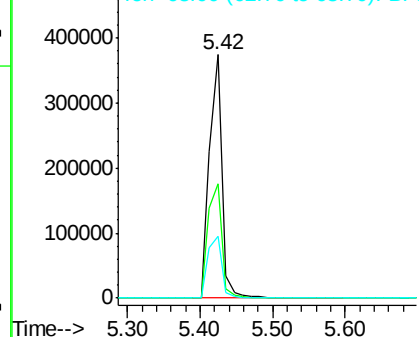
#5

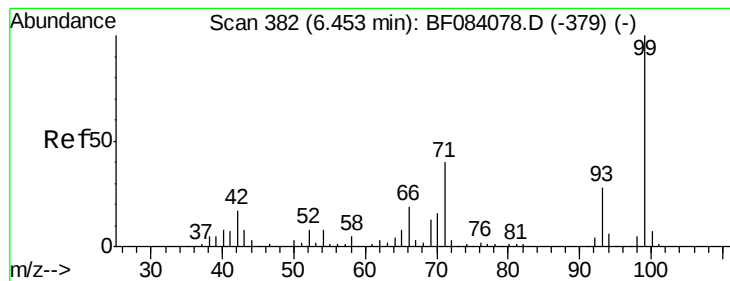
2-Fluorophenol
Concen: 136.26 ng
RT: 5.42 min Scan# 292
Delta R.T. 0.01 min
Lab File: BF084128.D
Acq: 25 Dec 2015 14:30

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)

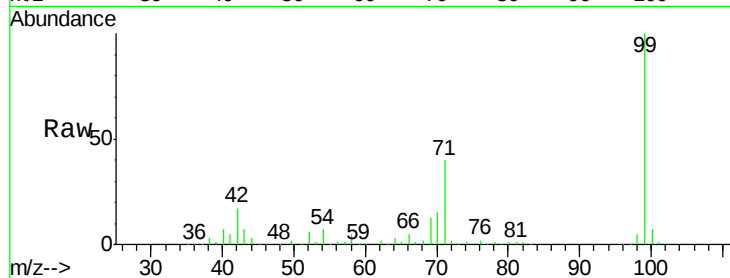
Tgt Ion: 99 Resp: 520168

Ion Ratio Lower Upper

99 100

42 17.1 12.8 19.2

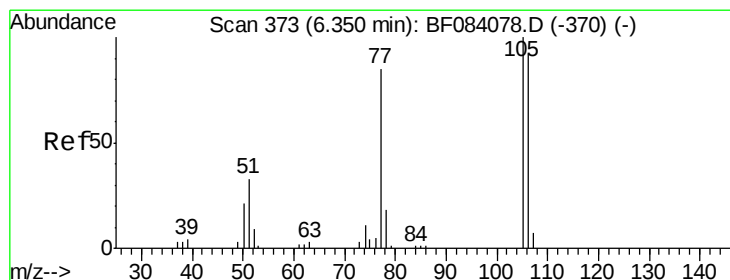
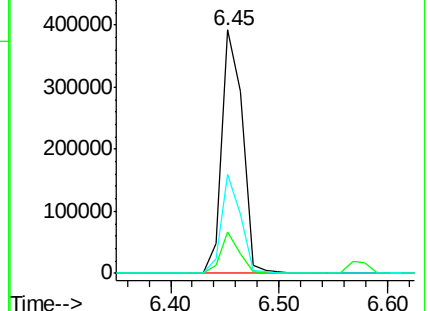
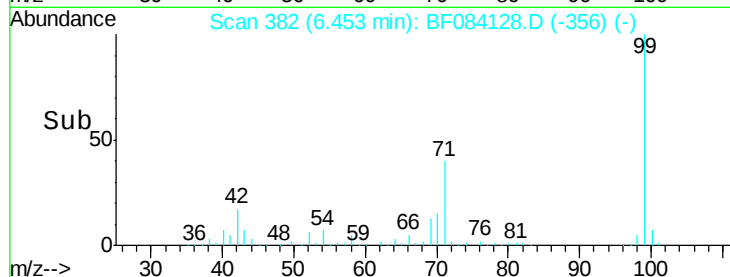
71 40.5 30.9 46.3



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



#9

Benzaldehyde

Concen: 4.98 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.23 min

Lab File: BF084128.D

Acq: 25 Dec 2015 14:30

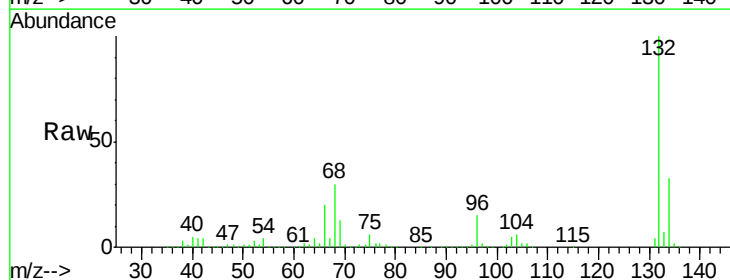
Tgt Ion: 77 Resp: 10871

Ion Ratio Lower Upper

77 100

105 93.5 83.0 123.0

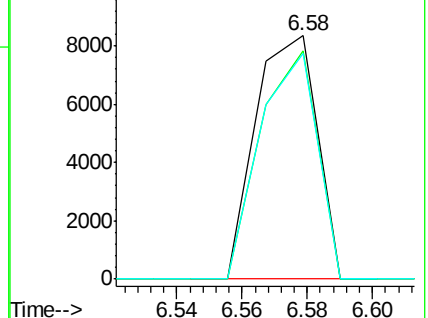
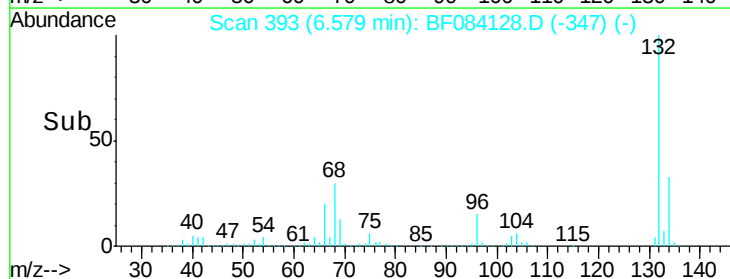
106 92.5 74.6 114.6

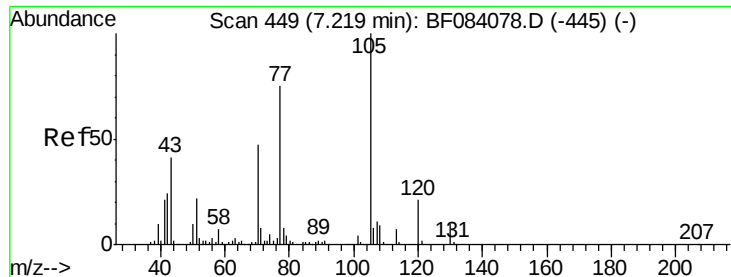


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

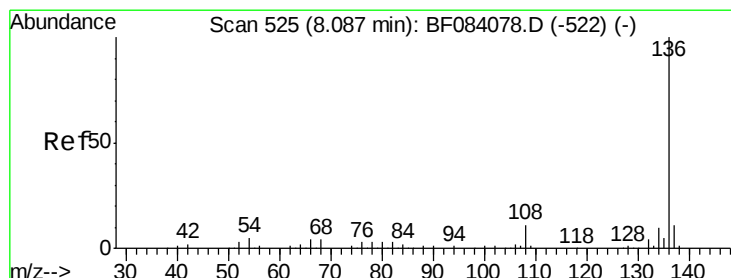
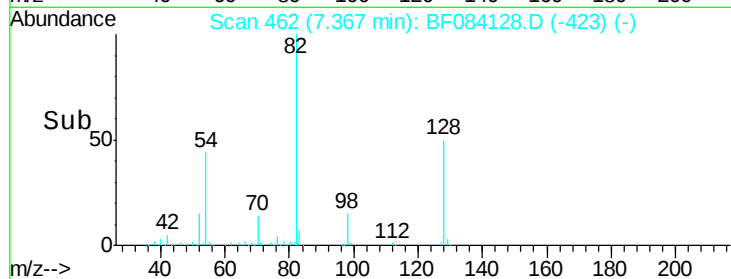
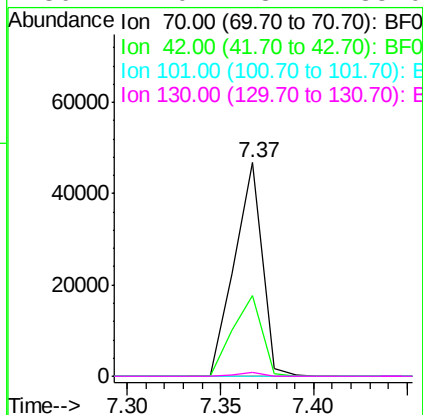
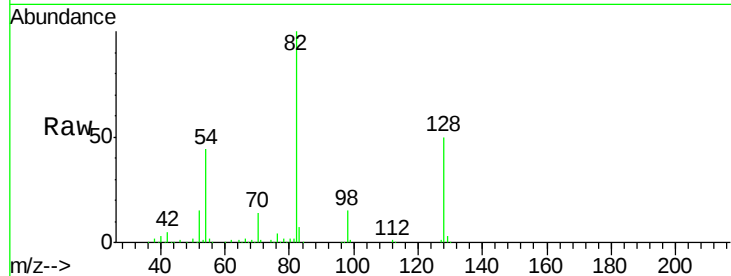




#19
n-Nitroso-di-n-propylamine
Concen: 19.43 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.15 min
Lab File: BF084128.D
Acq: 25 Dec 2015 14:30

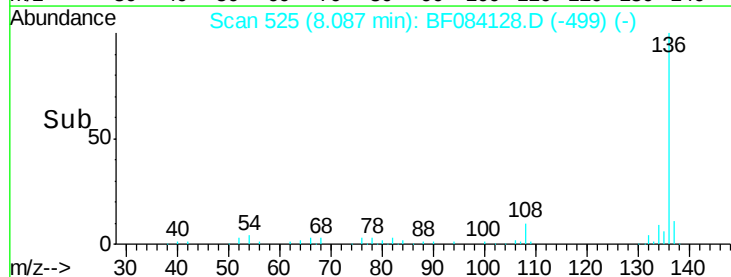
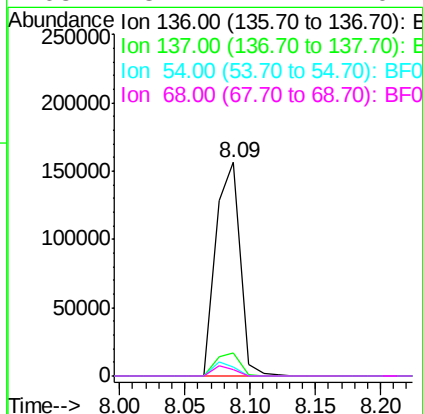
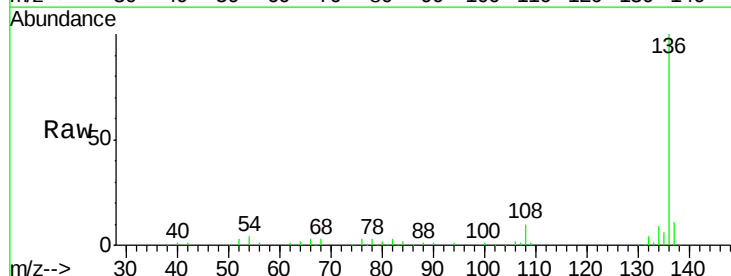
Instrument :
BNA_F
ClientSampleId :
PJ-SB-9(21.0-21.5)

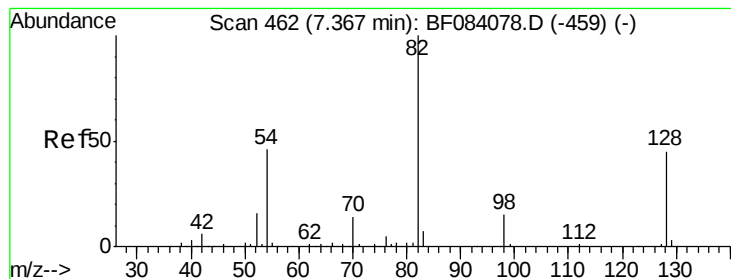
Tgt Ion: 70 Resp: 48835
Ion Ratio Lower Upper
70 100
42 37.9 33.3 49.9
101 0.0 9.3 13.9#
130 2.0 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: 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#





#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)

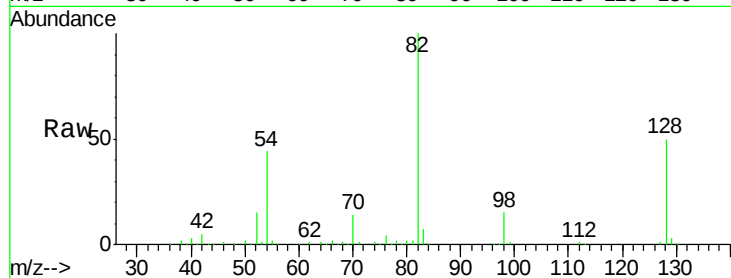
Tgt Ion: 82 Resp: 353197

Ion Ratio Lower Upper

82 100

128 49.7 34.6 51.8

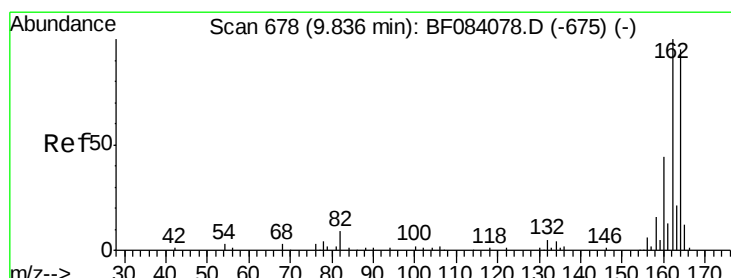
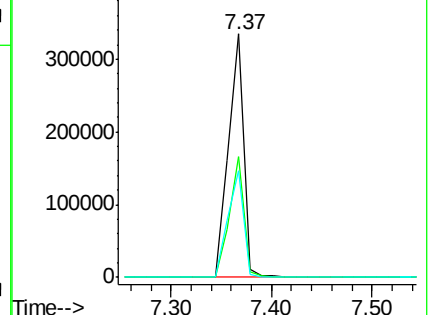
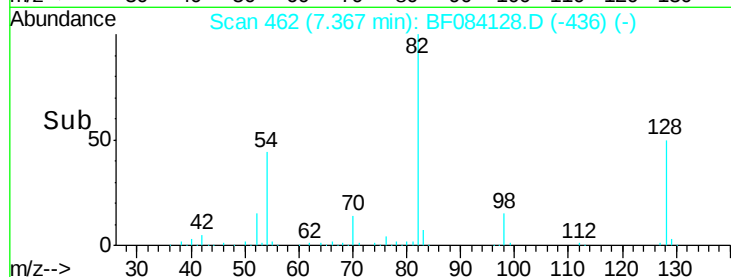
54 43.7 38.4 57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#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

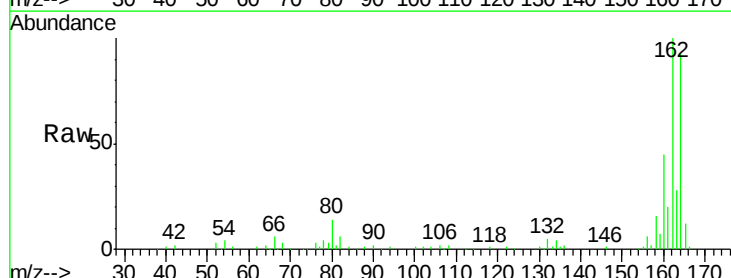
Tgt Ion: 164 Resp: 100519

Ion Ratio Lower Upper

164 100

162 107.1 85.1 127.7

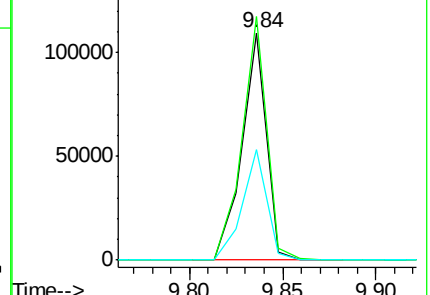
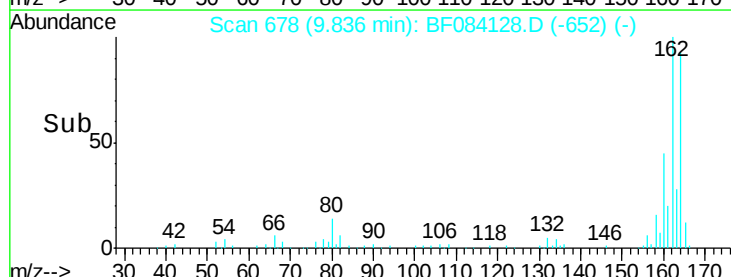
160 48.5 37.5 56.3

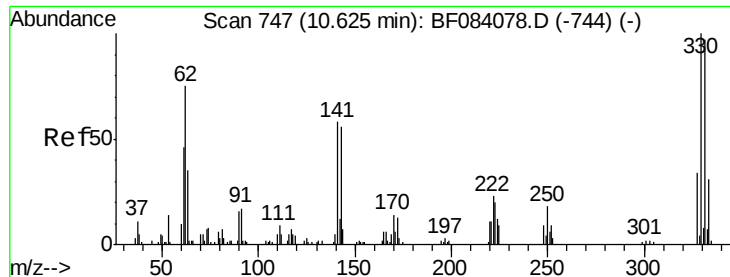


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

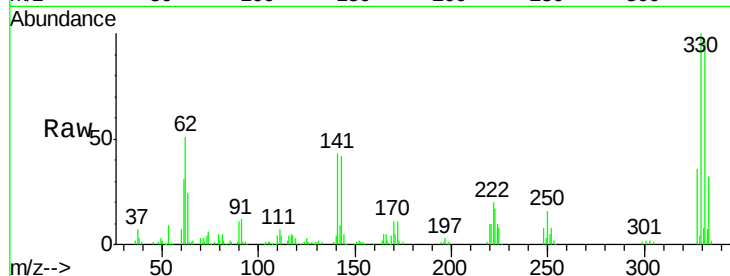




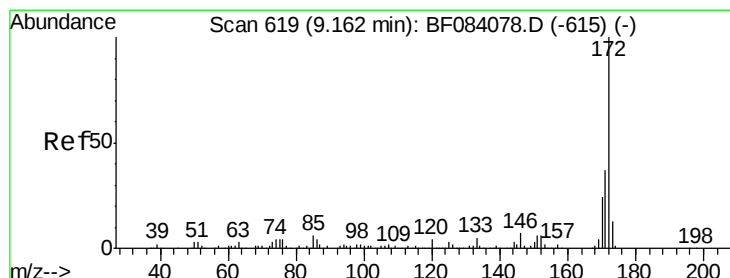
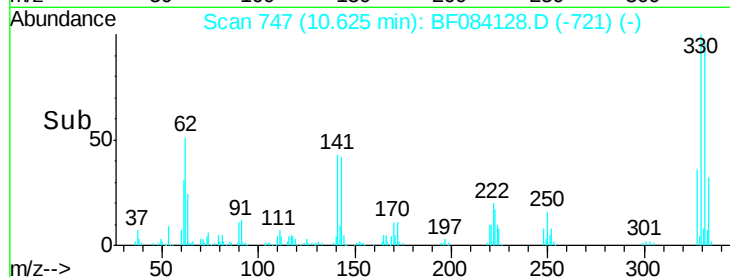
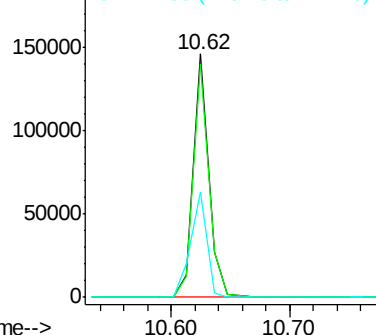
#41
 2,4,6-Tribromophenol
 Concen: 121.95 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF084128.D
 Acq: 25 Dec 2015 14:30

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

Tgt Ion:330 Resp: 130723
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 114.8
 141 45.6 27.8 41.6#

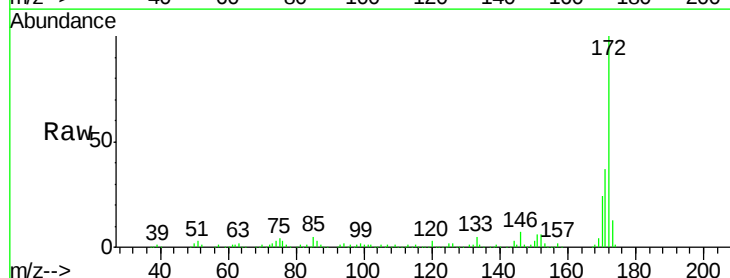


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

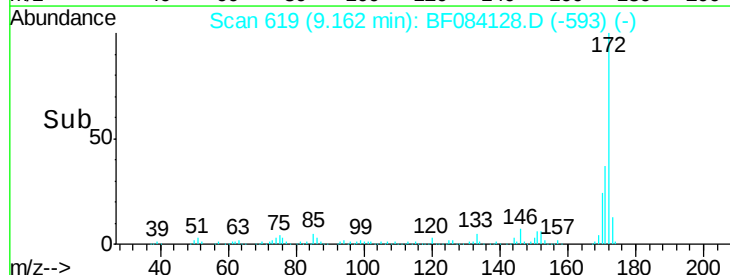
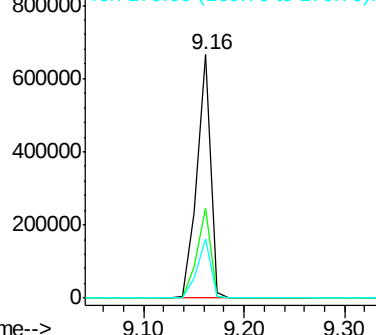


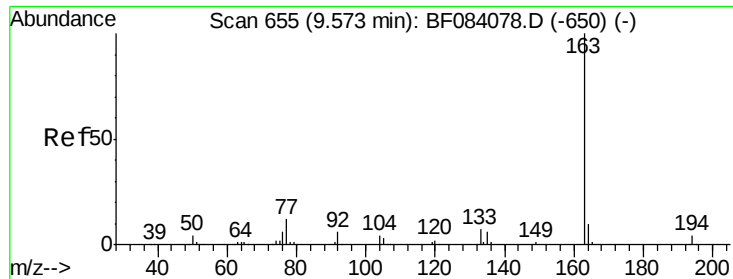
#44
 2-Fluorobiphenyl
 Concen: 86.08 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF084128.D
 Acq: 25 Dec 2015 14:30

Tgt Ion:172 Resp: 632402
 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

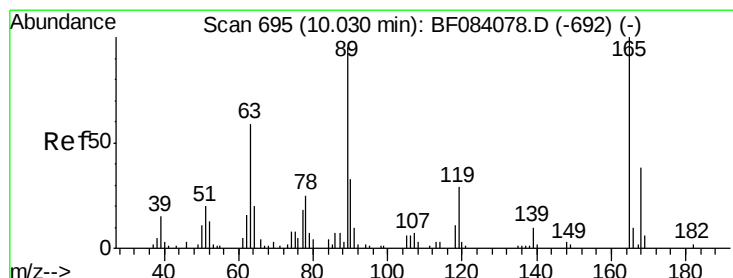
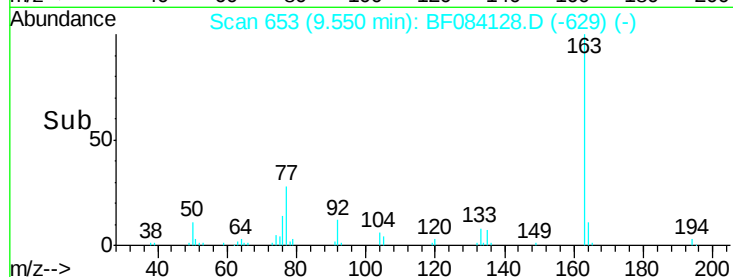
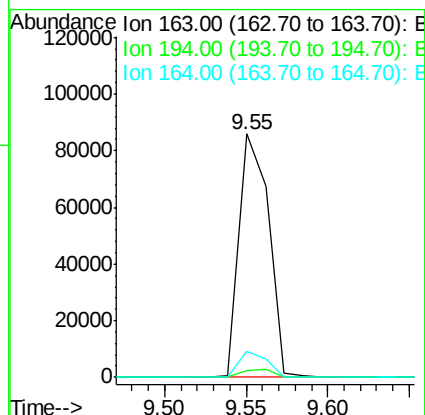
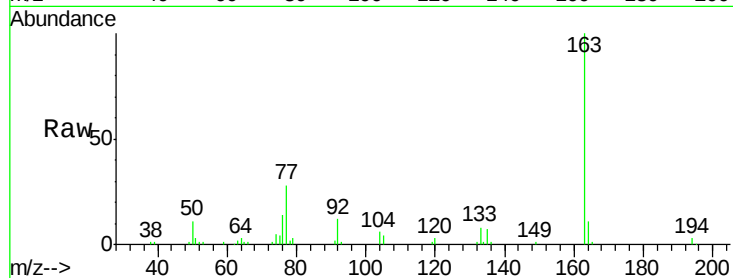




#49
Dimethylphthalate
Concen: 12.89 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF084128.D
Acq: 25 Dec 2015 14:30

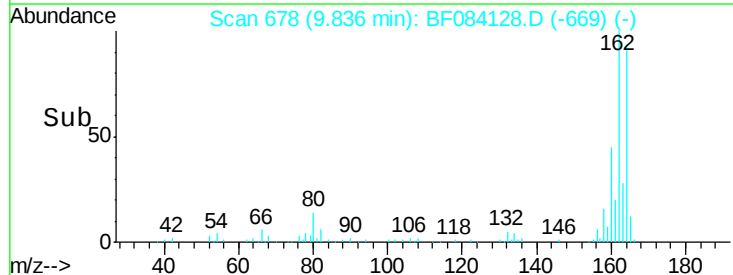
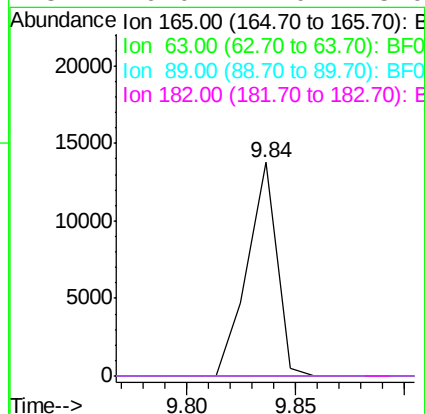
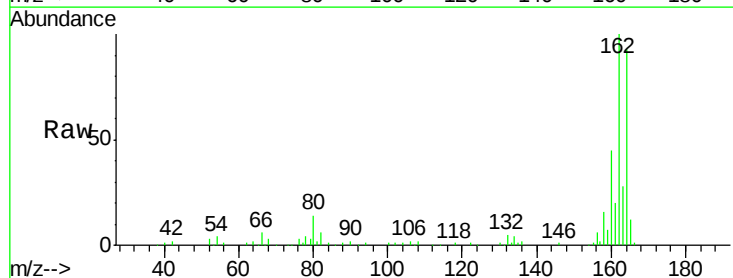
Instrument :
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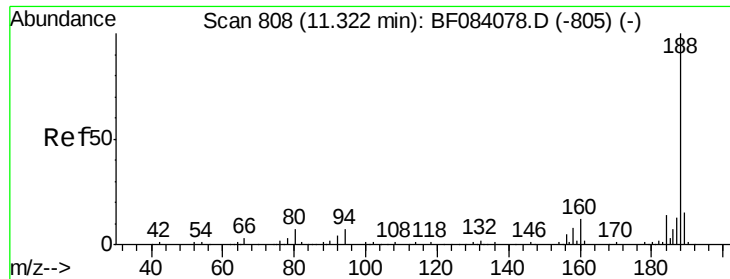
Tgt Ion:163 Resp: 107308
Ion Ratio Lower Upper
163 100
194 2.7 8.0 12.0#
164 10.5 8.0 12.0



#56
2,4-Dinitrotoluene
Concen: 5.56 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.19 min
Lab File: BF084128.D
Acq: 25 Dec 2015 14:30

Tgt Ion:165 Resp: 12981
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#

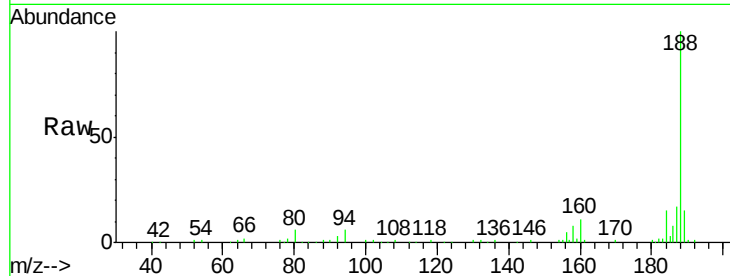




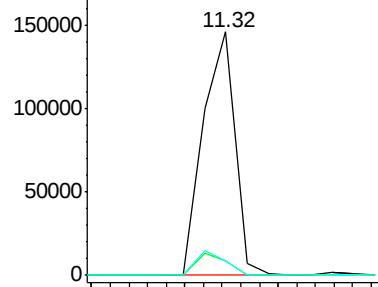
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF084128.D
 Acq: 25 Dec 2015 14:30

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

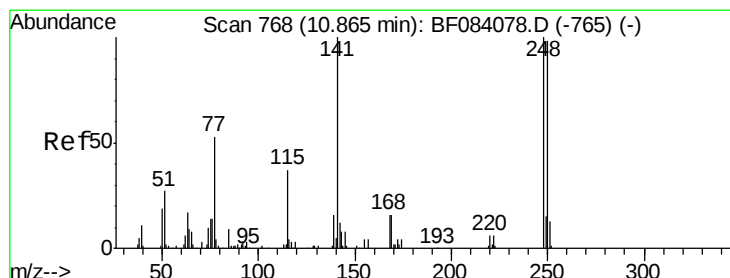
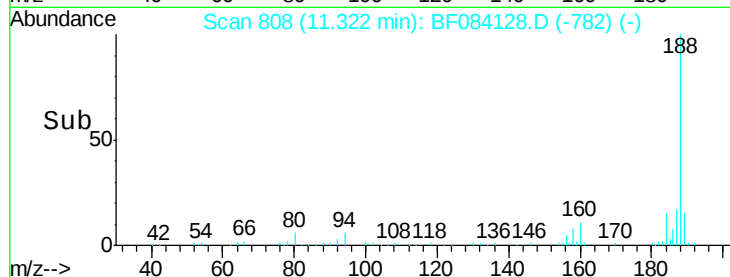
Tgt Ion:188 Resp: 175018
 Ion Ratio Lower Upper
 188 100
 94 5.8 9.0 13.4#
 80 5.9 9.6 14.4#



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

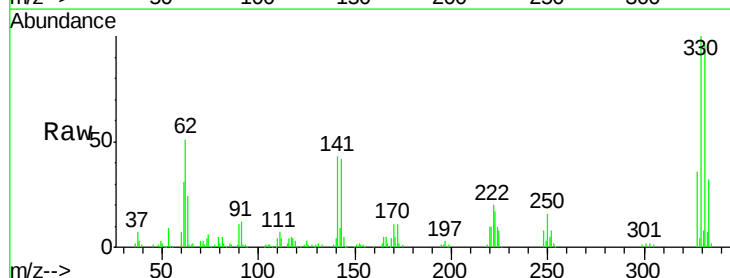


Time--> 11.25 11.30 11.35

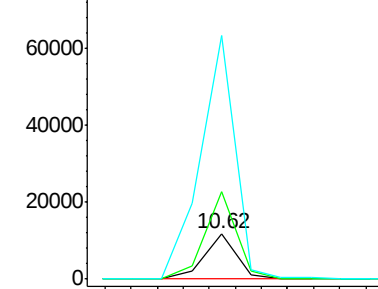


#66
 4-Bromophenyl-phenylether
 Concen: 5.01 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.24 min
 Lab File: BF084128.D
 Acq: 25 Dec 2015 14:30

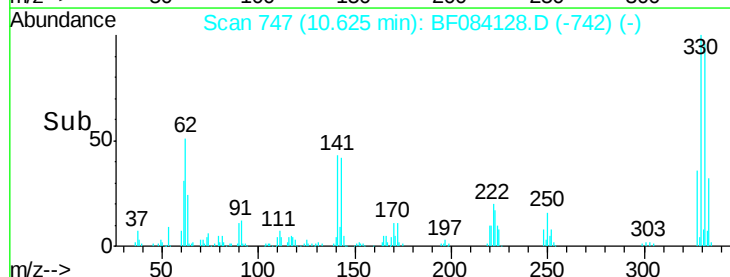
Tgt Ion:248 Resp: 10151
 Ion Ratio Lower Upper
 248 100
 250 193.2 78.4 117.6#
 141 538.6 44.0 66.0#

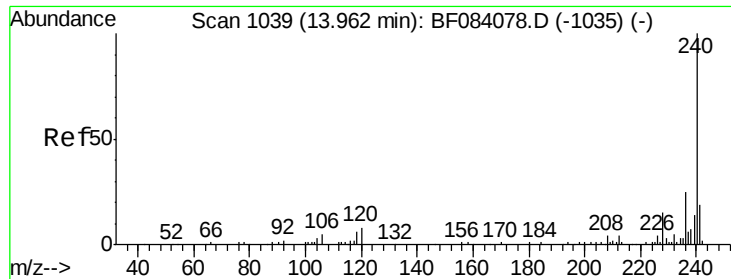


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



Time--> 10.60 10.65

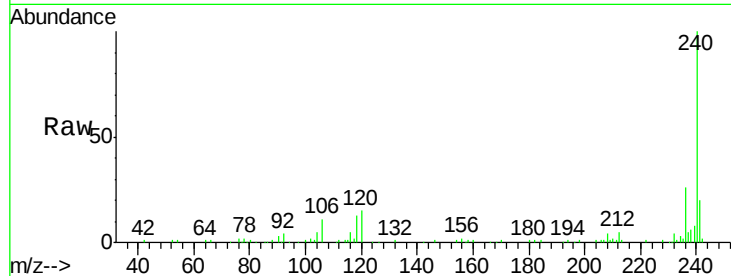




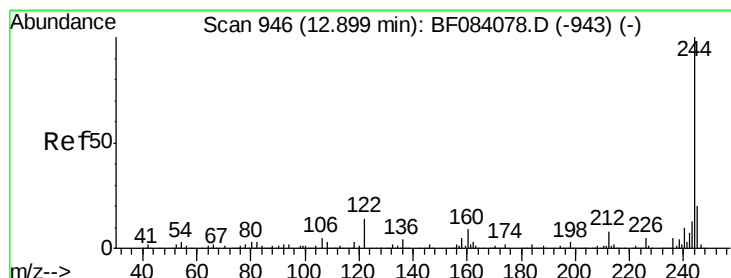
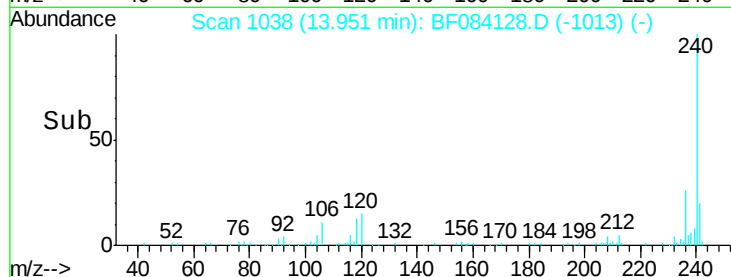
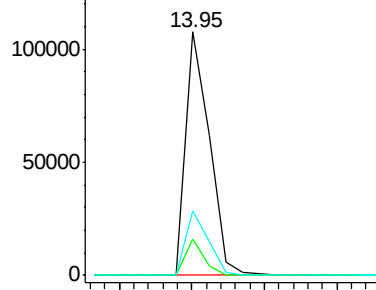
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF084128.D
 Acq: 25 Dec 2015 14:30

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

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.7	9.5	14.3#
236	26.2	20.6	31.0

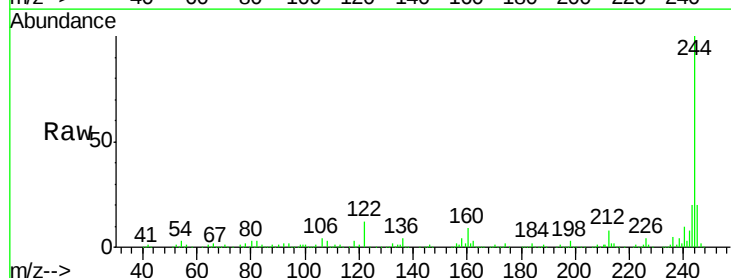


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

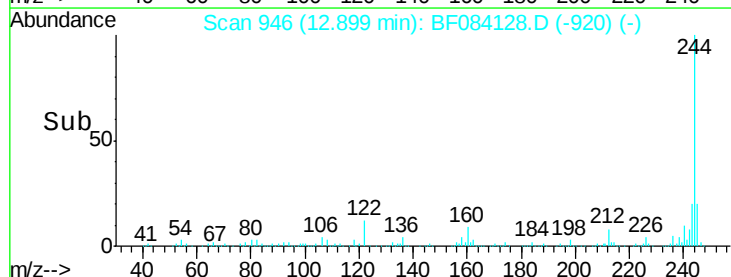
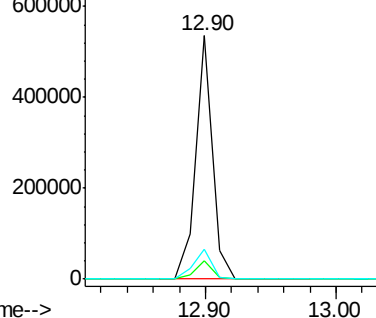


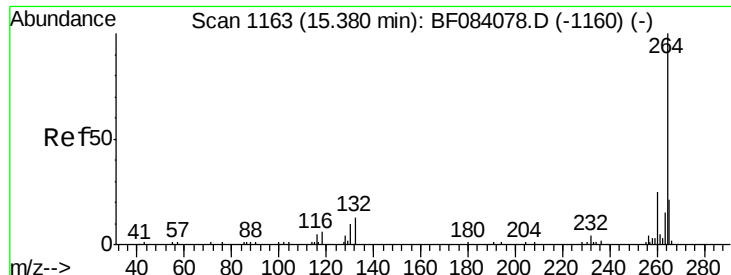
#78
 Terphenyl-d14
 Concen: 71.10 ng
 RT: 12.90 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: BF084128.D
 Acq: 25 Dec 2015 14:30

Tgt Ion	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

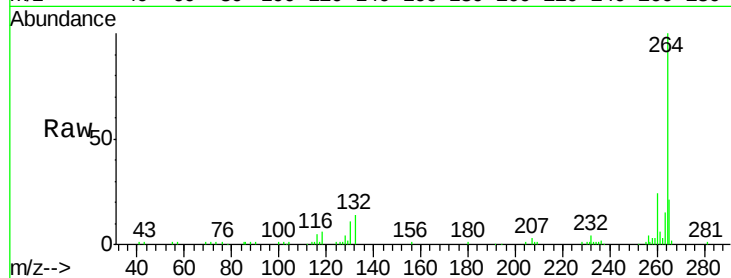




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF084128.D
Acq: 25 Dec 2015 14:30

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

Tgt 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

