

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
 Data File : BF084127.D
 Acq On : 25 Dec 2015 14:02
 Operator : UM/SJ
 Sample : G4961-03
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-8(21.0-21.5)

Quant Time: Dec 26 00:37:59 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

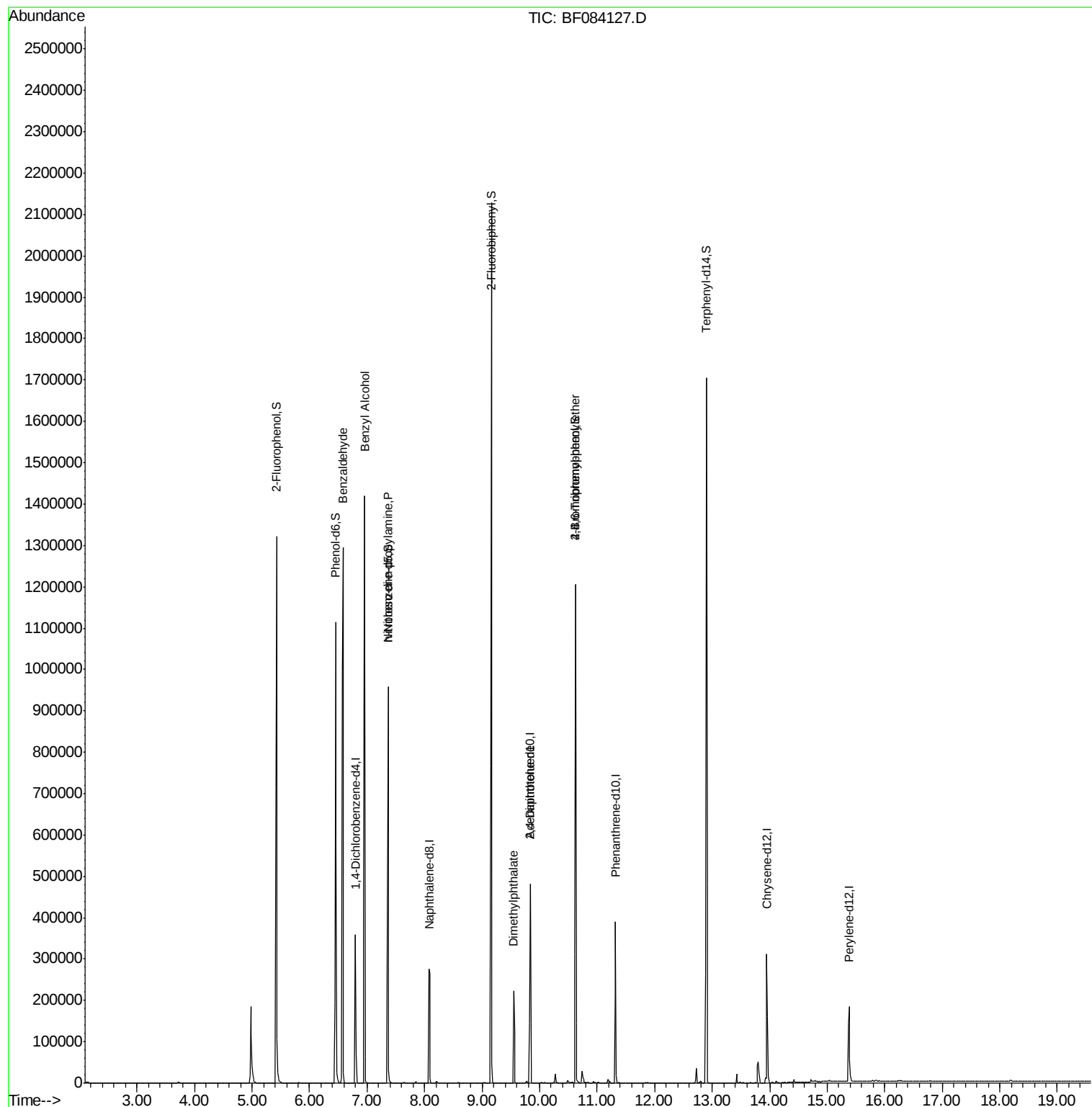
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	53476	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	196439	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	99250	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	172269	20.00	ng	0.00
75) Chrysene-d12	13.95	240	126965	20.00	ng	-0.01
86) Perylene-d12	15.38	264	102582	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	450966	142.98	ng	0.01
7) Phenol-d6	6.45	99	502001	128.62	ng	0.00
23) Nitrobenzene-d5	7.37	82	358377	106.79	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	135793	128.30	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	682240	94.05	ng	0.00
78) Terphenyl-d14	12.90	244	541405	77.16	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.58	77	10511	5.04	ng	95
15) Benzyl Alcohol	6.96	79	6028	2.04	ng	# 46
19) n-Nitroso-di-n-propylamine	7.37	70	49188	20.46	ng	# 76
49) Dimethylphthalate	9.55	163	114484	13.93	ng	# 90
56) 2,4-Dinitrotoluene	9.84	165	12551	5.45	ng	# 20
66) 4-Bromophenyl-phenylether	10.62	248	9884	4.95	ng	# 1
74) Fluoranthene	12.54	202	374	Below	Cal	63

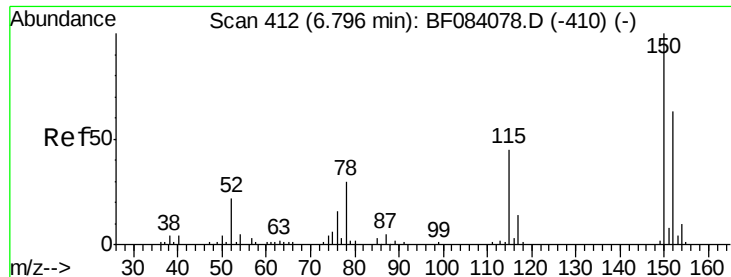
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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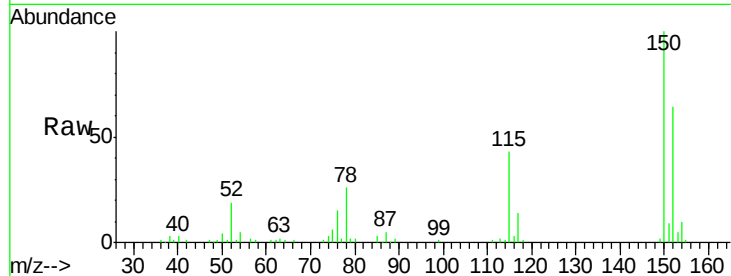


#1

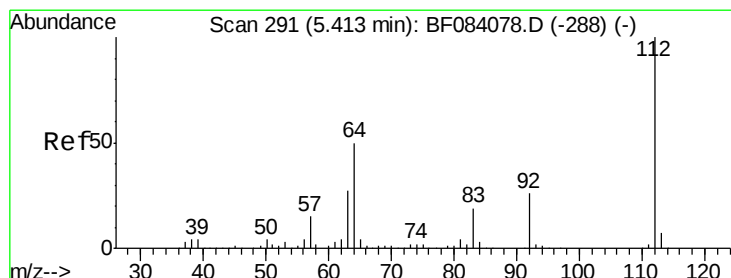
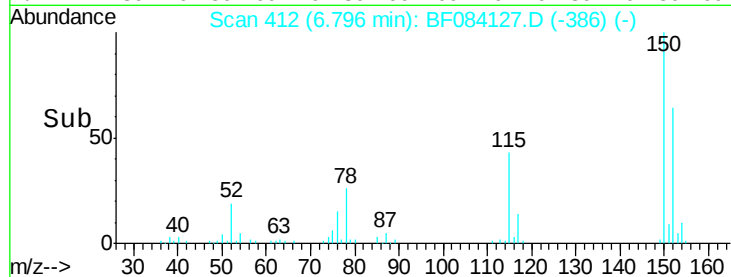
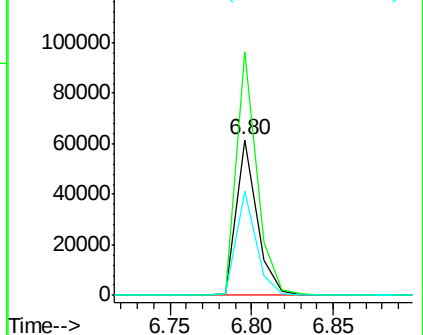
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF084127.D
Acq: 25 Dec 2015 14:02

Instrument :
BNA_F
ClientSampleId :
PJ-SB-8(21.0-21.5)

Tgt Ion:152 Resp: 53476
Ion Ratio Lower Upper
152 100
150 156.7 123.0 184.4
115 67.3 51.4 77.2



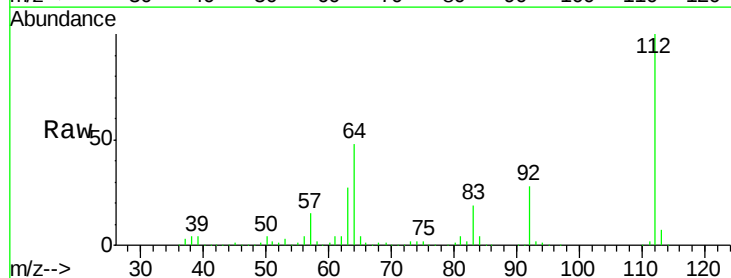
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



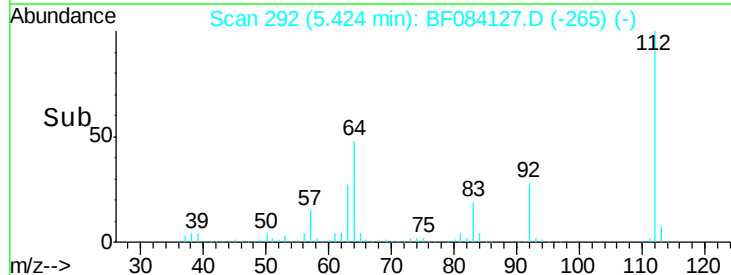
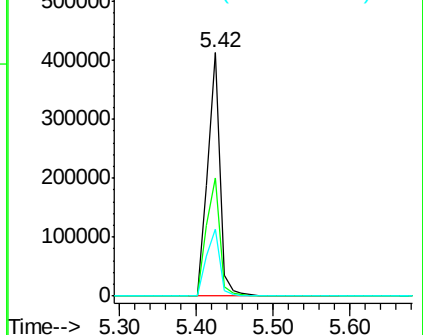
#5

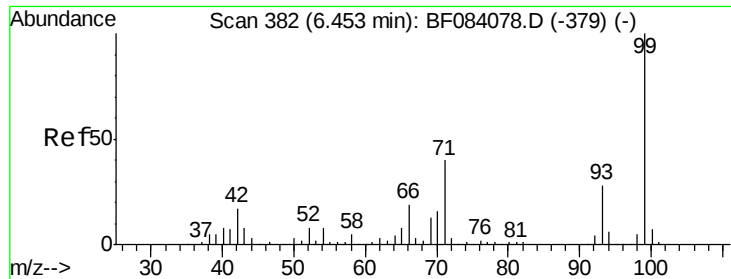
2-Fluorophenol
Concen: 142.98 ng
RT: 5.42 min Scan# 292
Delta R.T. 0.01 min
Lab File: BF084127.D
Acq: 25 Dec 2015 14:02

Tgt Ion:112 Resp: 450966
Ion Ratio Lower Upper
112 100
64 48.5 36.6 55.0
63 27.4 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: 128.62 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF084127.D

Acq: 25 Dec 2015 14:02

Instrument :

BNA_F

ClientSampleId :

PJ-SB-8(21.0-21.5)

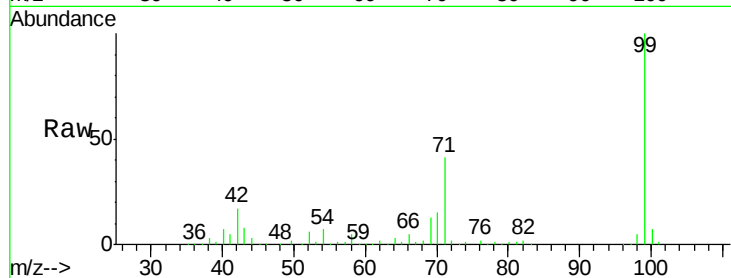
Tgt Ion: 99 Resp: 502001

Ion Ratio Lower Upper

99 100

42 17.0 12.8 19.2

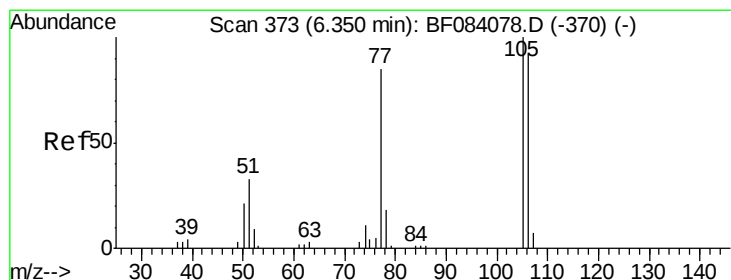
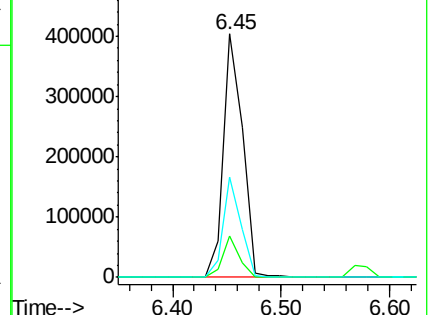
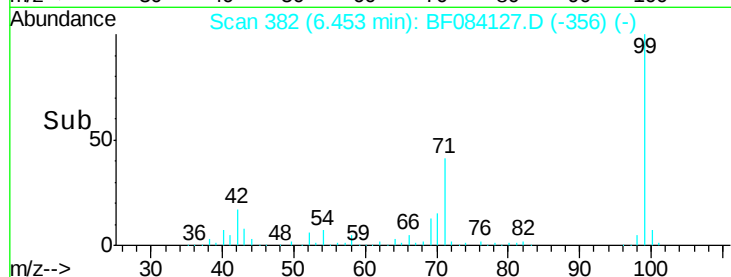
71 41.0 30.9 46.3



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: 5.04 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.23 min

Lab File: BF084127.D

Acq: 25 Dec 2015 14:02

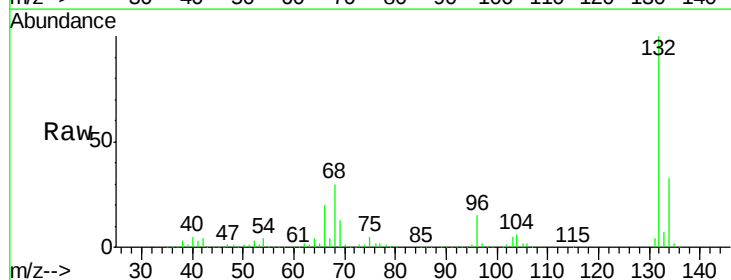
Tgt Ion: 77 Resp: 10511

Ion Ratio Lower Upper

77 100

105 98.8 83.0 123.0

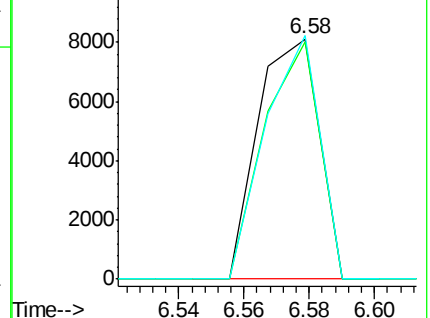
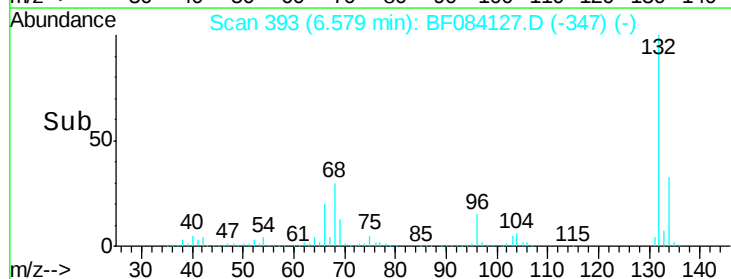
106 101.3 74.6 114.6

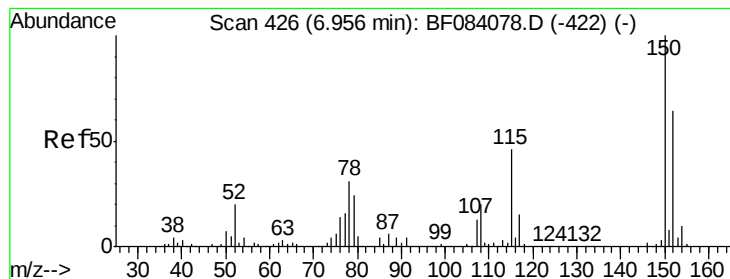


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.04 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF084127.D

Acq: 25 Dec 2015 14:02

Instrument :

BNA_F

ClientSampleId :

PJ-SB-8(21.0-21.5)

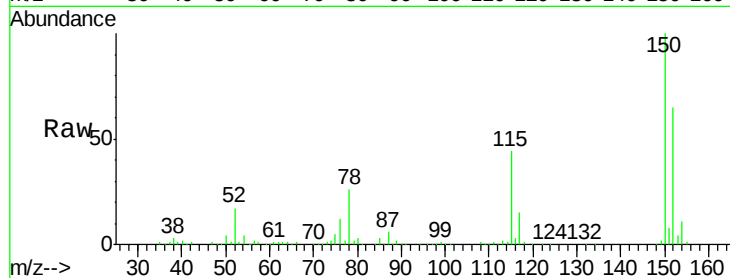
Tgt Ion: 79 Resp: 6028

Ion Ratio Lower Upper

79 100

108 37.3 69.0 103.4#

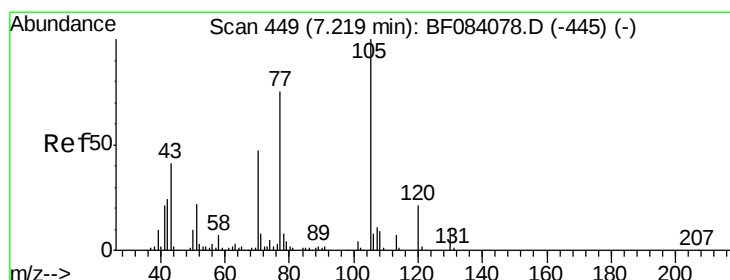
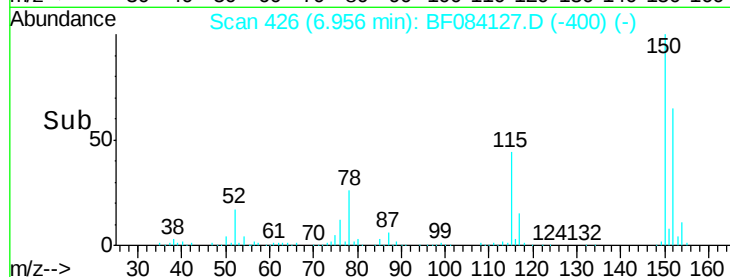
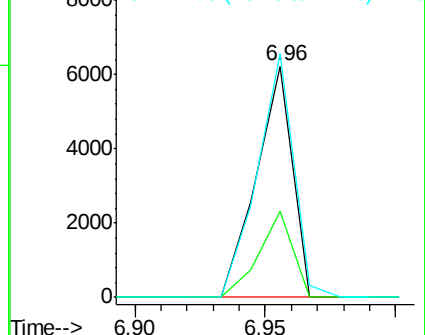
77 105.3 50.0 75.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 20.46 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.15 min

Lab File: BF084127.D

Acq: 25 Dec 2015 14:02

Tgt Ion: 70 Resp: 49188

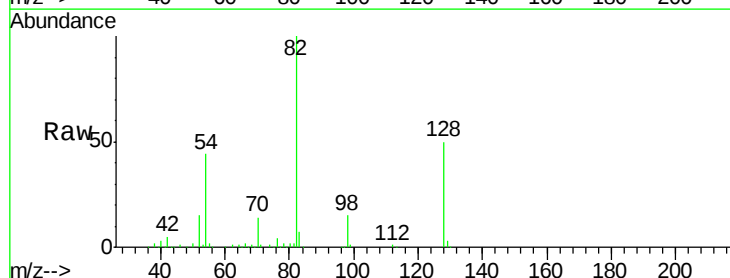
Ion Ratio Lower Upper

70 100

42 38.8 33.3 49.9

101 0.0 9.3 13.9#

130 2.4 23.4 35.0#

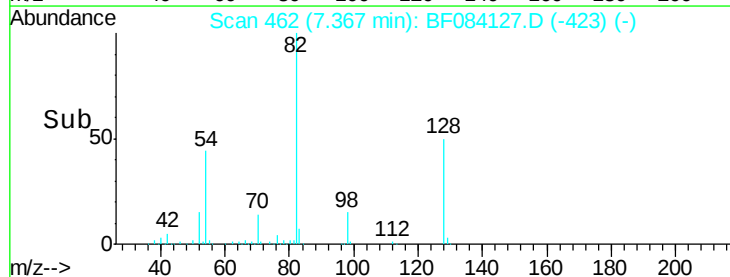
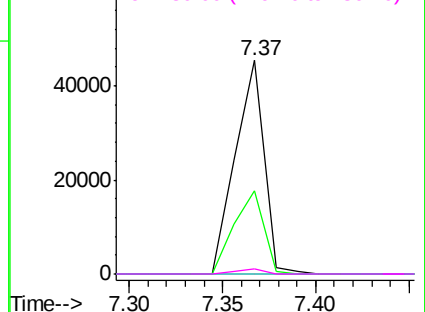


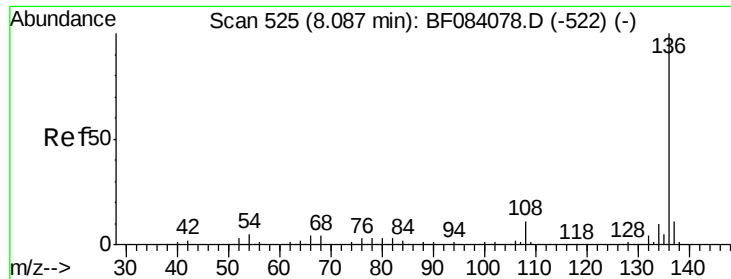
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

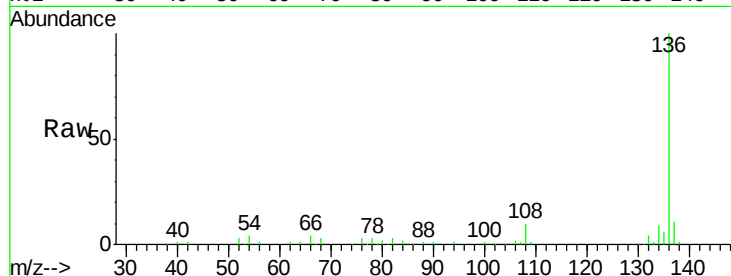




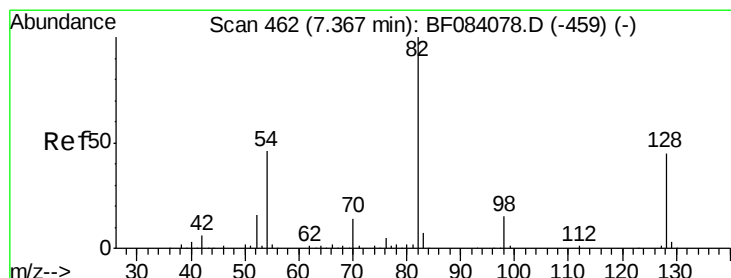
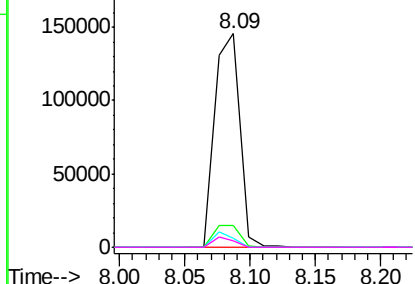
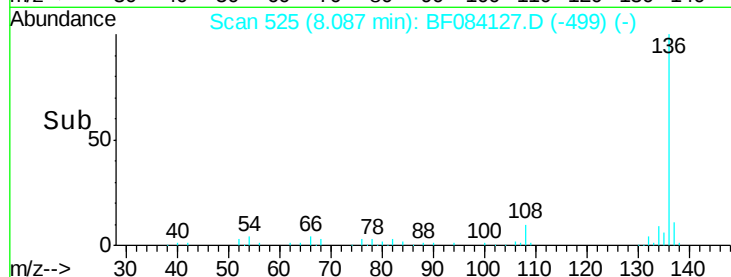
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF084127.D
Acq: 25 Dec 2015 14:02

Instrument :
BNA_F
ClientSampleId :
PJ-SB-8(21.0-21.5)

Tgt Ion:	136	Resp:	196439
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	4.1	5.8	8.8#
68	3.3	4.2	6.2#

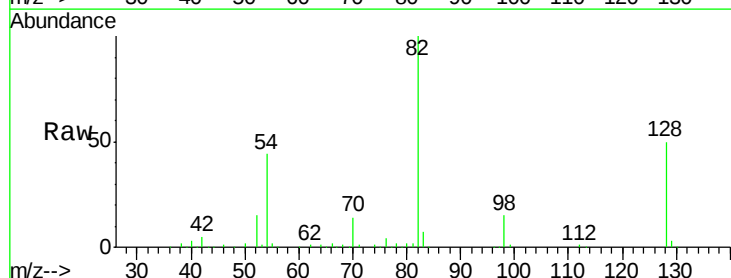


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

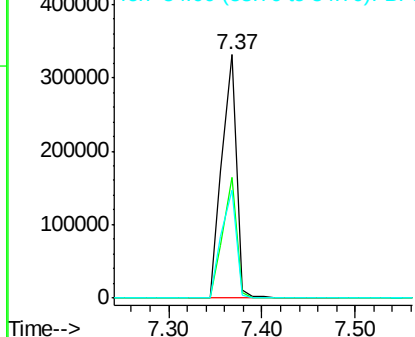
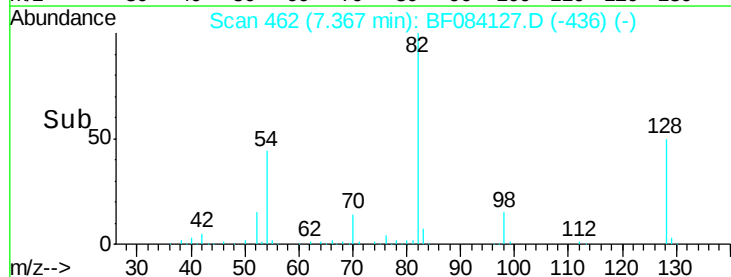


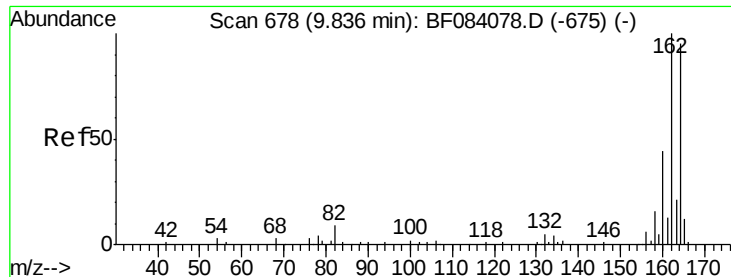
#23
Nitrobenzene-d5
Concen: 106.79 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF084127.D
Acq: 25 Dec 2015 14:02

Tgt Ion:	82	Resp:	358377
Ion	Ratio	Lower	Upper
82	100		
128	49.7	34.6	51.8
54	44.4	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: BF084127.D

Acq: 25 Dec 2015 14:02

Instrument :

BNA_F

ClientSampleId :

PJ-SB-8(21.0-21.5)

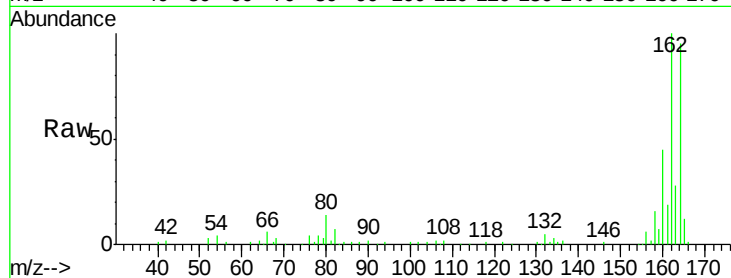
Tgt Ion:164 Resp: 99250

Ion Ratio Lower Upper

164 100

162 105.8 85.1 127.7

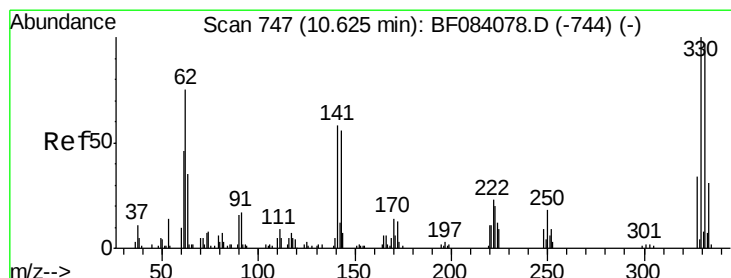
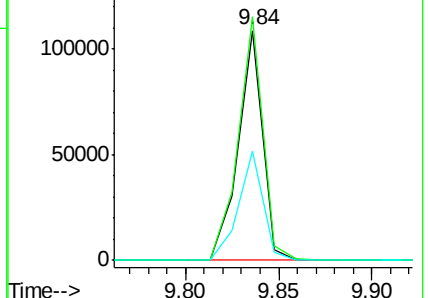
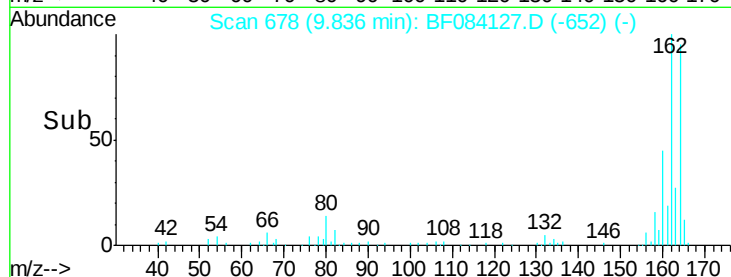
160 47.6 37.5 56.3



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: 128.30 ng

RT: 10.62 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF084127.D

Acq: 25 Dec 2015 14:02

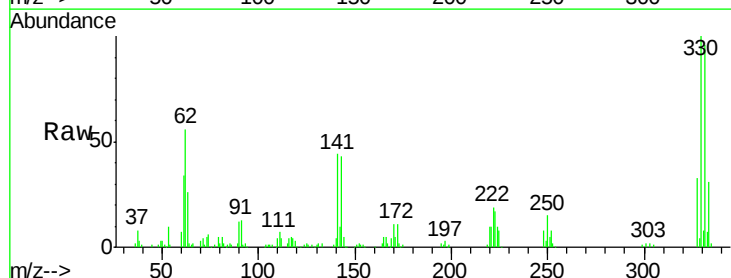
Tgt Ion:330 Resp: 135793

Ion Ratio Lower Upper

330 100

332 96.8 76.6 114.8

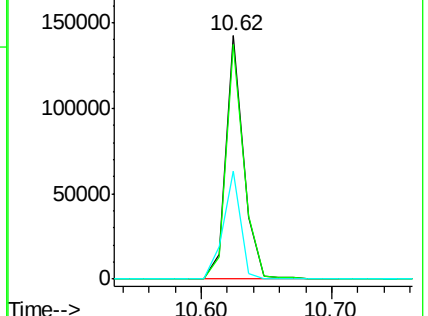
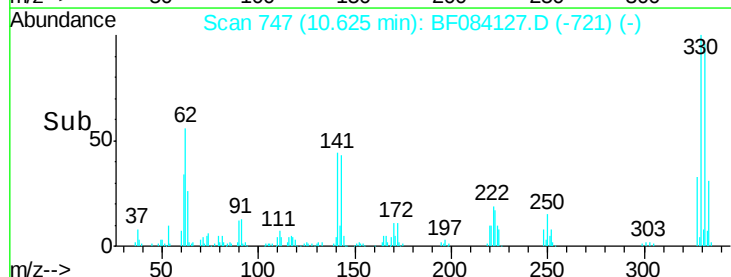
141 43.7 27.8 41.6#

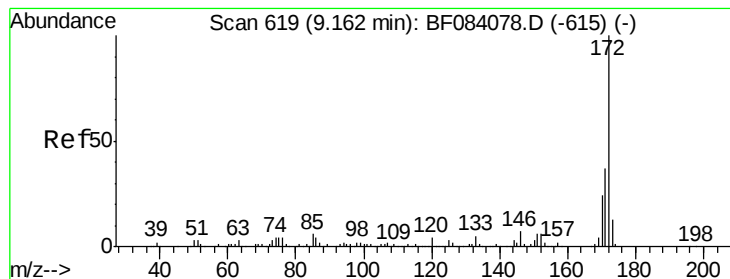


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 94.05 ng

RT: 9.16 min Scan# 619

Delta R.T. -0.00 min

Lab File: BF084127.D

Acq: 25 Dec 2015 14:02

Instrument :

BNA_F

ClientSampleId :

PJ-SB-8(21.0-21.5)

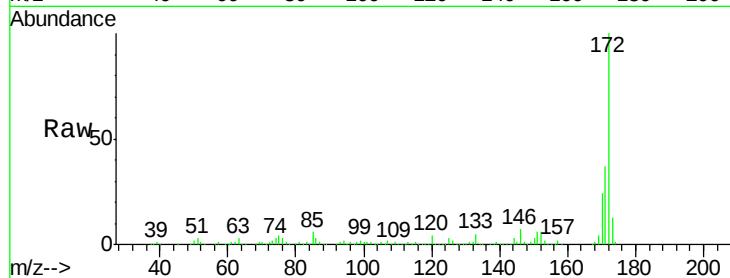
Tgt Ion:172 Resp: 682240

Ion Ratio Lower Upper

172 100

171 36.7 28.9 43.3

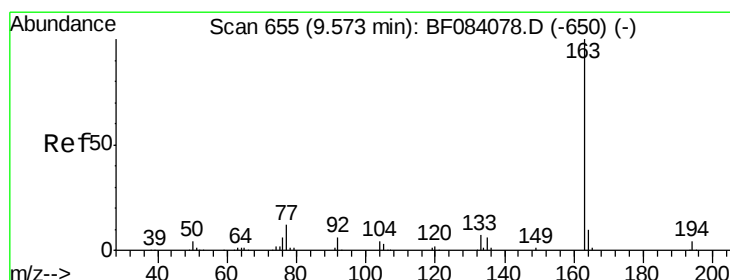
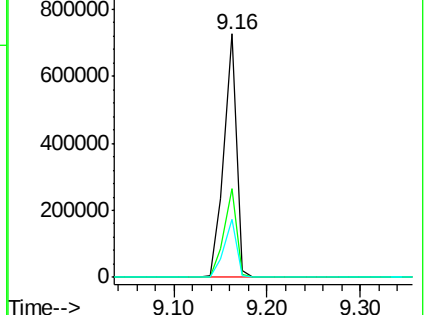
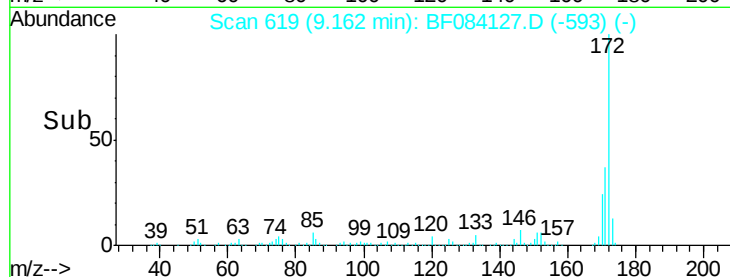
170 23.9 18.6 27.8



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: 13.93 ng

RT: 9.55 min Scan# 653

Delta R.T. -0.02 min

Lab File: BF084127.D

Acq: 25 Dec 2015 14:02

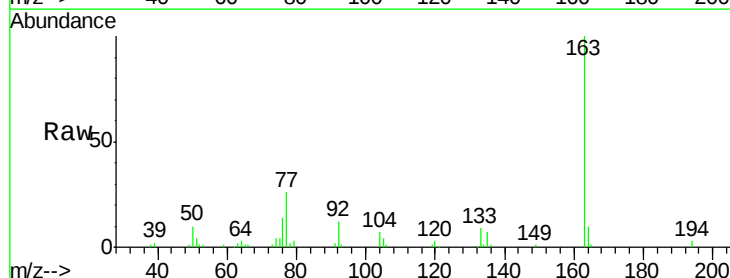
Tgt Ion:163 Resp: 114484

Ion Ratio Lower Upper

163 100

194 2.7 8.0 12.0#

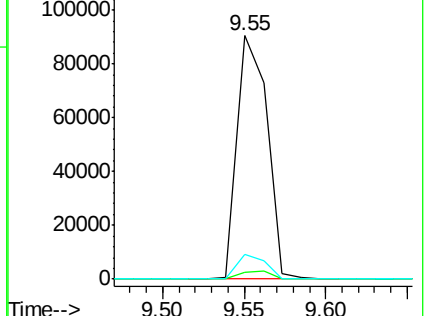
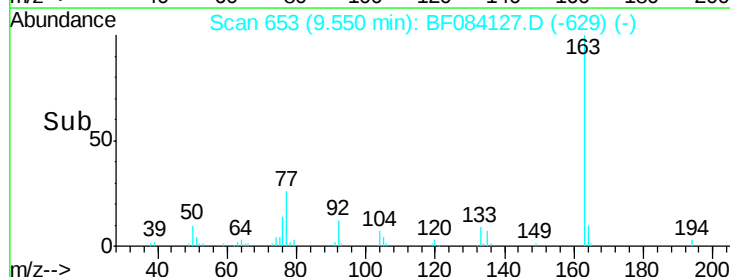
164 10.3 8.0 12.0

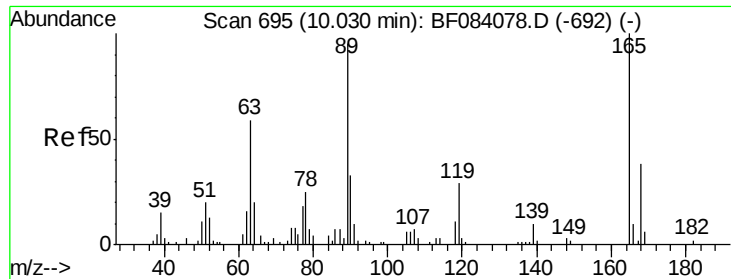


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#56

2,4-Dinitrotoluene

Concen: 5.45 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.19 min

Lab File: BF084127.D

Acq: 25 Dec 2015 14:02

Instrument :

BNA_F

ClientSampleId :

PJ-SB-8(21.0-21.5)

Tgt Ion:165 Resp: 12551

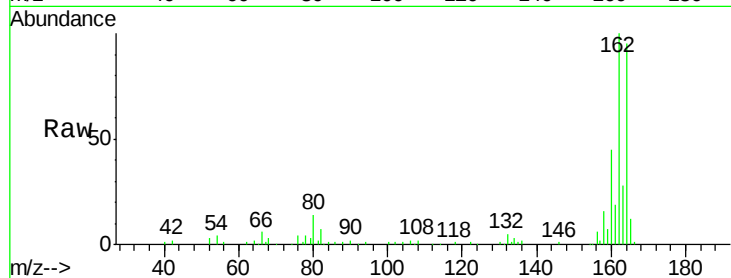
Ion Ratio Lower Upper

165 100

63 0.0 36.7 55.1#

89 0.0 61.9 92.9#

182 0.0 2.0 3.0#

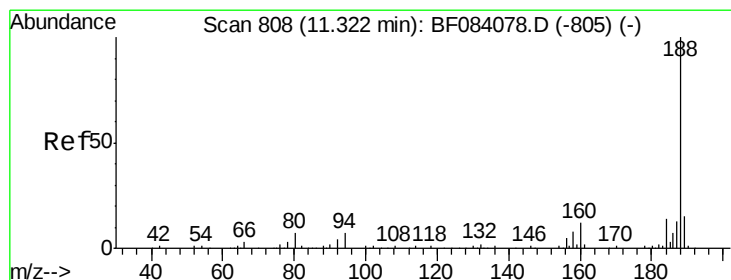
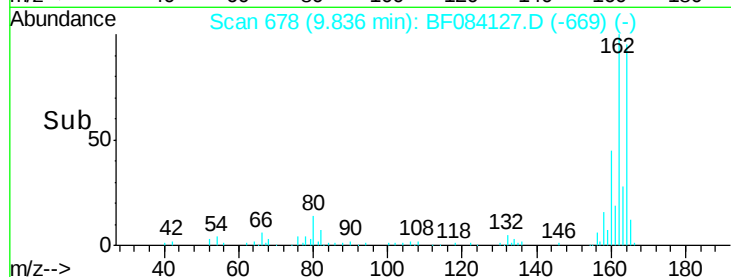
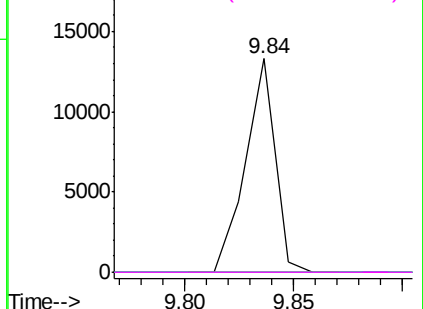


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF084127.D

Acq: 25 Dec 2015 14:02

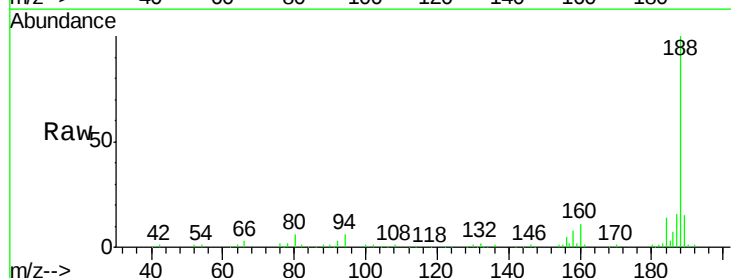
Tgt Ion:188 Resp: 172269

Ion Ratio Lower Upper

188 100

94 6.1 9.0 13.4#

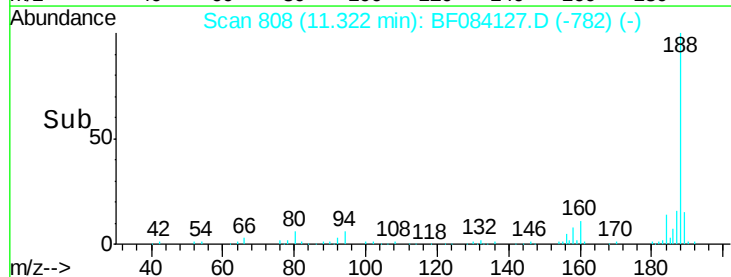
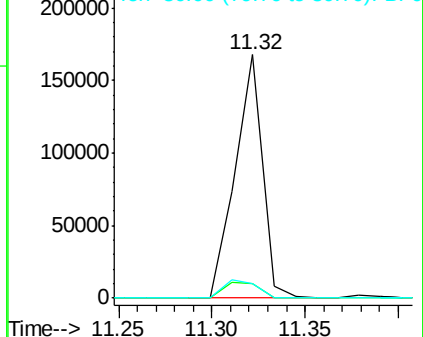
80 5.9 9.6 14.4#

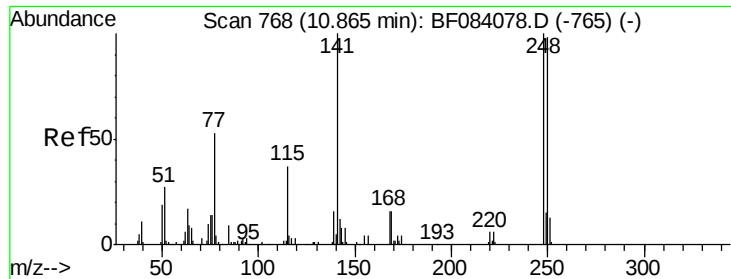


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.95 ng

RT: 10.62 min Scan# 747

Delta R.T. -0.24 min

Lab File: BF084127.D

Acq: 25 Dec 2015 14:02

Instrument :

BNA_F

ClientSampleId :

PJ-SB-8(21.0-21.5)

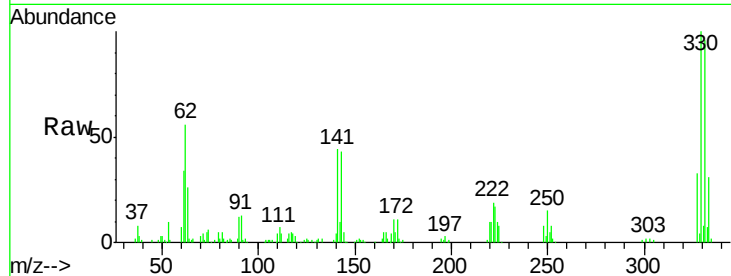
Tgt Ion:248 Resp: 9884

Ion Ratio Lower Upper

248 100

250 194.4 78.4 117.6#

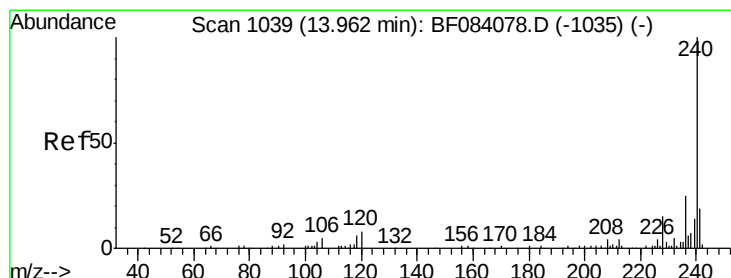
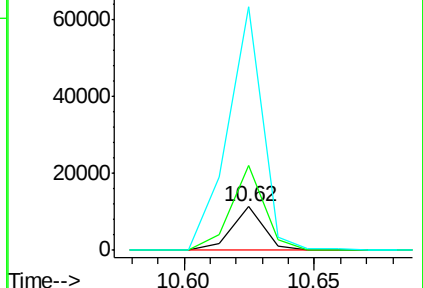
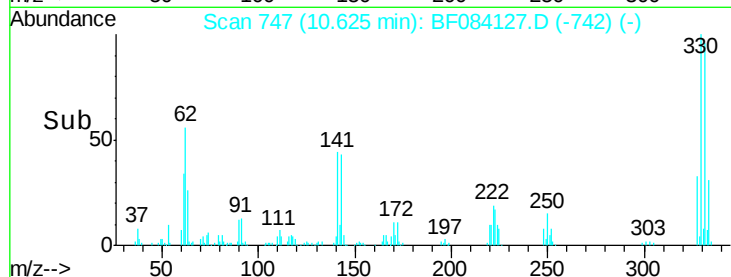
141 558.2 44.0 66.0#



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: BF084127.D

Acq: 25 Dec 2015 14:02

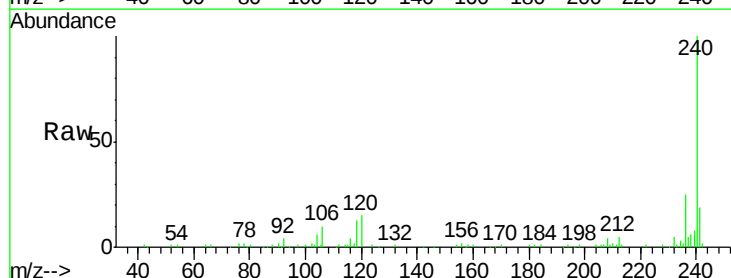
Tgt Ion:240 Resp: 126965

Ion Ratio Lower Upper

240 100

120 14.7 9.5 14.3#

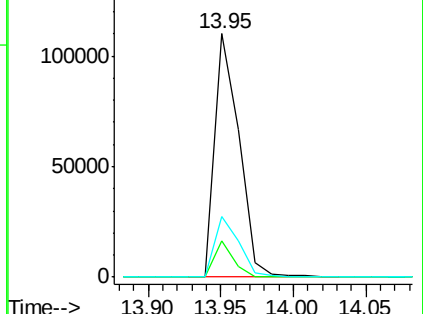
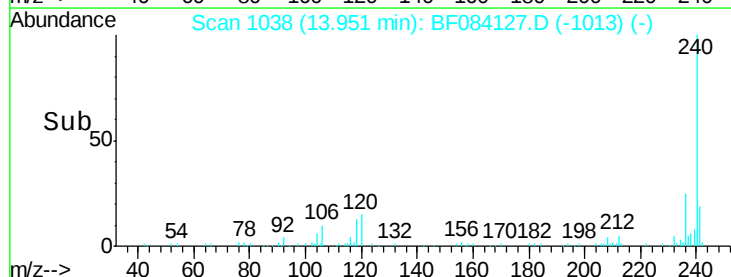
236 24.9 20.6 31.0

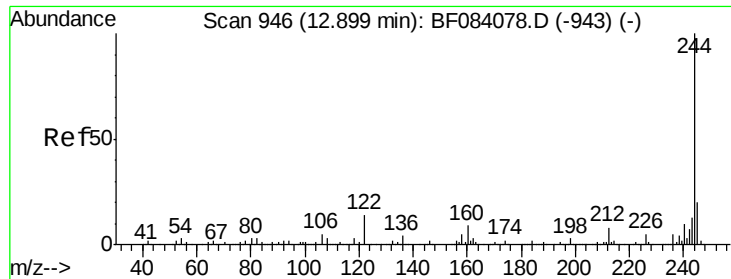


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

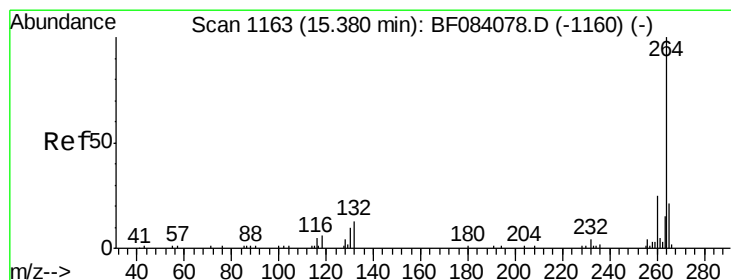
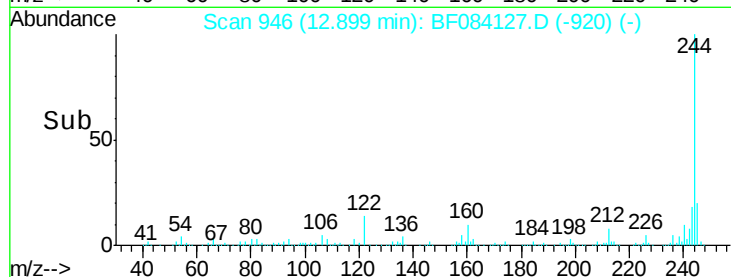
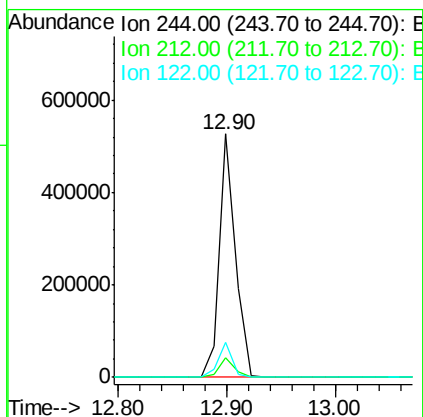
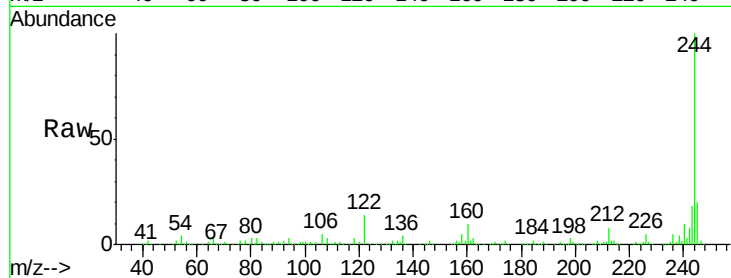




#78
 Terphenyl-d14
 Concen: 77.16 ng
 RT: 12.90 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: BF084127.D
 Acq: 25 Dec 2015 14:02

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-8(21.0-21.5)

Tgt Ion:244 Resp: 541405
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.7 8.5
 122 14.5 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: BF084127.D
 Acq: 25 Dec 2015 14:02

Tgt Ion:264 Resp: 102582
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 21.3 17.8 26.6

