

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011216\
 Data File : BF084440.D
 Acq On : 13 Jan 2016 5:38
 Operator : SJ/UM
 Sample : H1078-17
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW2-20

Quant Time: Jan 13 07:27:31 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

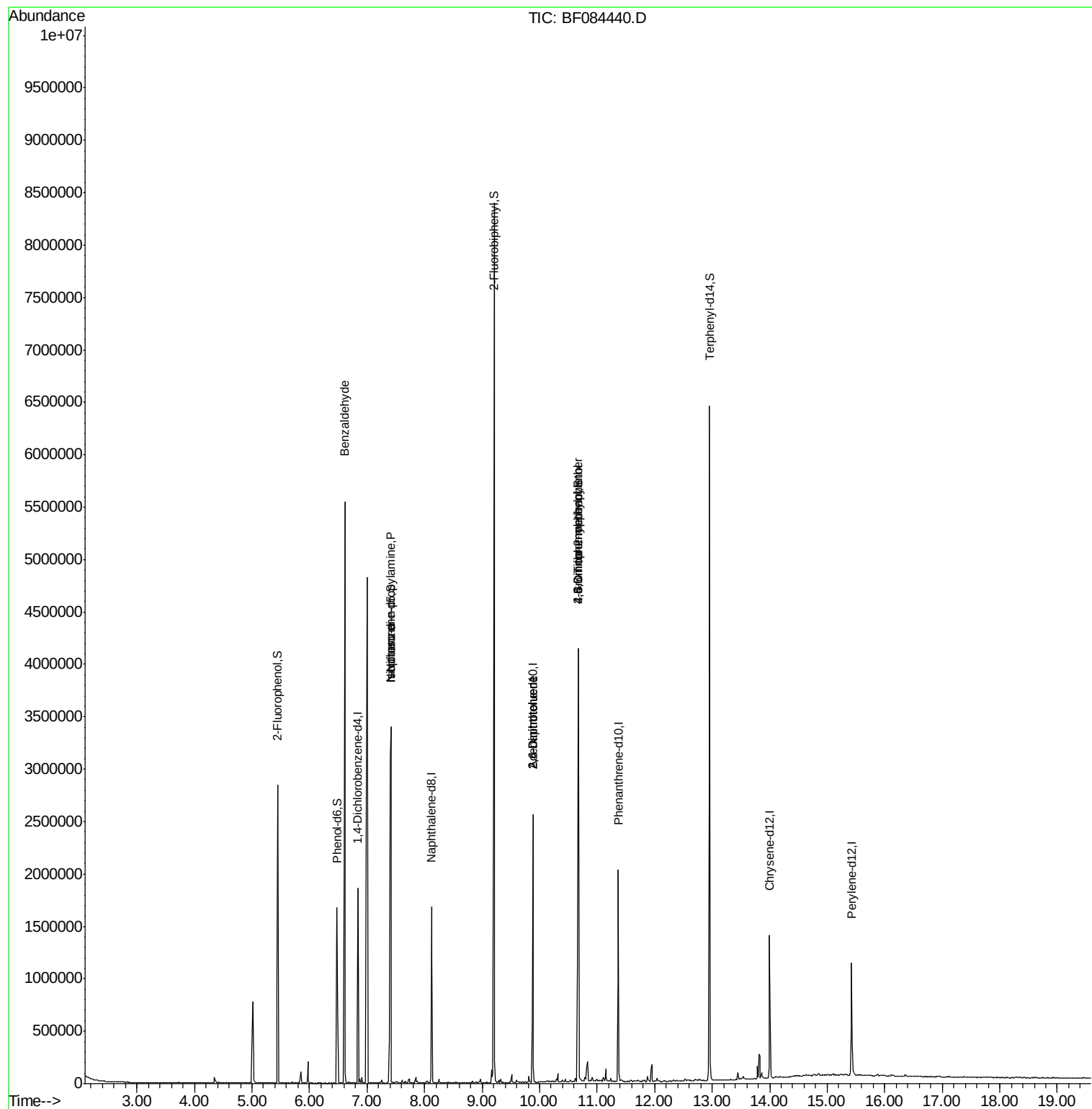
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	266220	20.00	ng	-0.06
21) Naphthalene-d8	8.12	136	998629	20.00	ng	-0.07
38) Acenaphthene-d10	9.88	164	479637	20.00	ng	-0.07
63) Phenanthrene-d10	11.37	188	816113	20.00	ng	-0.06
75) Chrysene-d12	14.00	240	517602	20.00	ng	-0.07
86) Perylene-d12	15.43	264	468374	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	785460	47.72	ng	-0.04
7) Phenol-d6	6.48	99	589108	28.50	ng	-0.06
23) Nitrobenzene-d5	7.41	82	1598634	89.09	ng	-0.06
41) 2,4,6-Tribromophenol	10.67	330	458229	94.63	ng	-0.07
44) 2-Fluorobiphenyl	9.21	172	2453056	90.37	ng	-0.06
78) Terphenyl-d14	12.96	244	2084617	89.90	ng	-0.06
Target Compounds						
9) Benzaldehyde	6.61	77	36162	2.69	ng	# 78
19) n-Nitroso-di-n-propylamine	7.41	70	211168	15.09	ng	# 77
25) Isophorone	7.41	82	1516768	44.20	ng	# 66
50) 2,6-Dinitrotoluene	9.88	165	60494	8.04	ng	# 37
54) Dibenzofuran	10.09	168	300	Below Cal	#	45
56) 2,4-Dinitrotoluene	9.88	165	60483	6.35	ng	# 21
57) Fluorene	10.67	166	22351	Below Cal	#	92
60) 4-Chlorophenyl-phenylether	10.22	204	312	Below Cal	#	24
64) 4,6-Dinitro-2-methylphenol	10.67	198	1034	6.58	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	29762	3.39	ng	# 1
73) Di-n-butylphthalate	11.93	149	6099	Below Cal	#	85

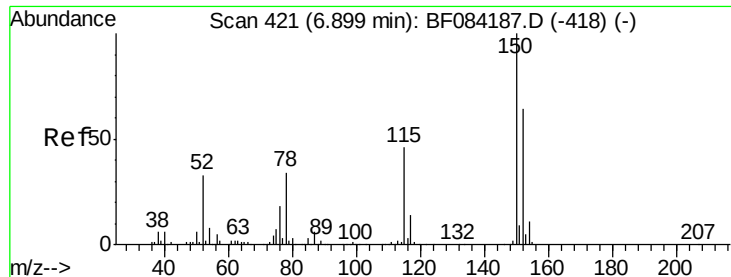
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.06 min

Lab File: BF084440.D

Acq: 13 Jan 2016 5:38

Instrument :

BNA_F

ClientSampleId :

TE-PMW2-20

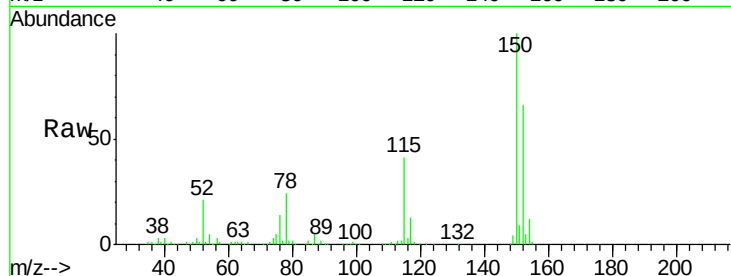
Tgt Ion:152 Resp: 266220

Ion Ratio Lower Upper

152 100

150 150.7 123.0 184.4

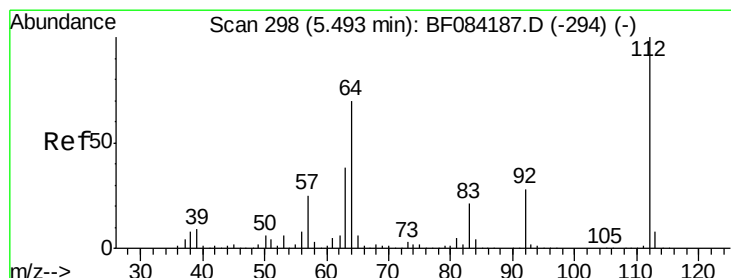
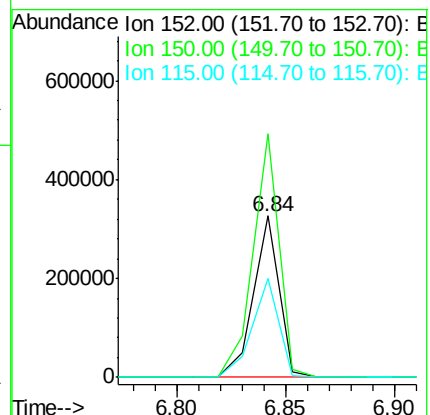
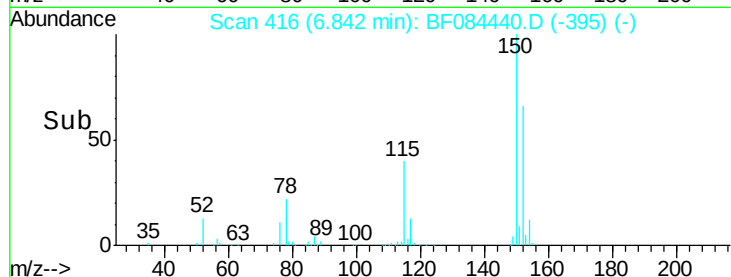
115 61.1 51.4 77.2



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: 47.72 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.04 min

Lab File: BF084440.D

Acq: 13 Jan 2016 5:38

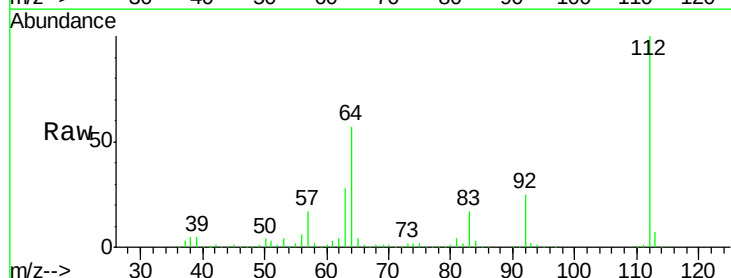
Tgt Ion:112 Resp: 785460

Ion Ratio Lower Upper

112 100

64 57.3 36.6 55.0#

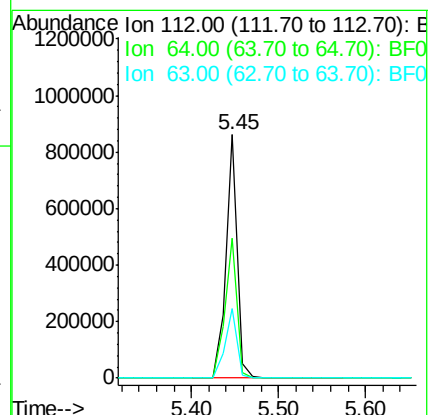
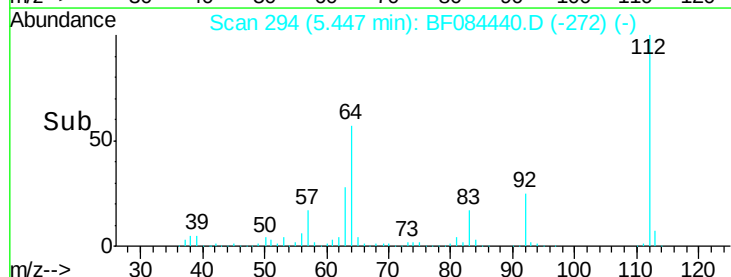
63 28.4 19.4 29.0

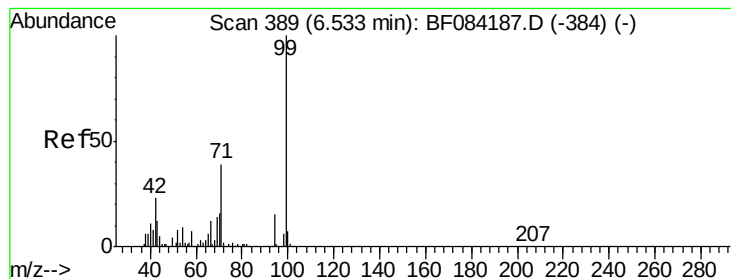


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 28.50 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.06 min

Lab File: BF084440.D

Acq: 13 Jan 2016 5:38

Instrument :

BNA_F

ClientSampleId :

TE-PMW2-20

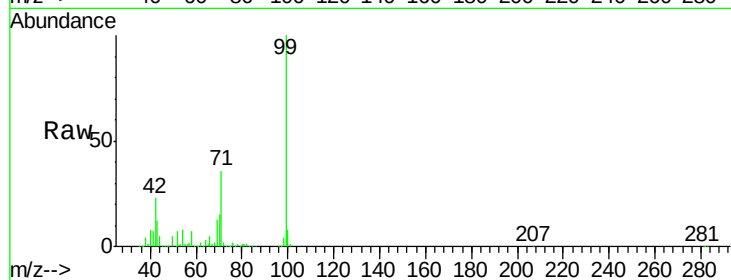
Tgt Ion: 99 Resp: 589108

Ion Ratio Lower Upper

99 100

42 22.6 12.8 19.2#

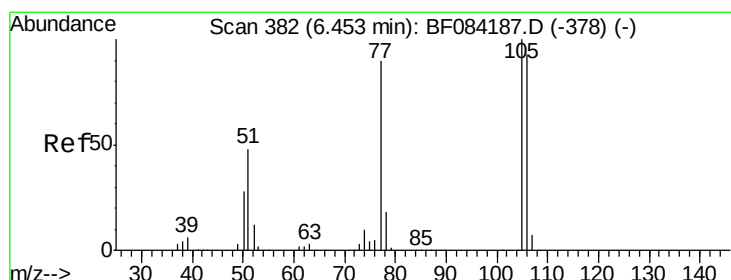
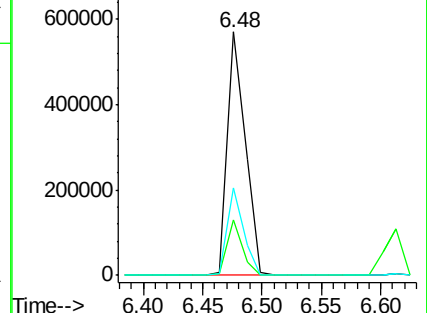
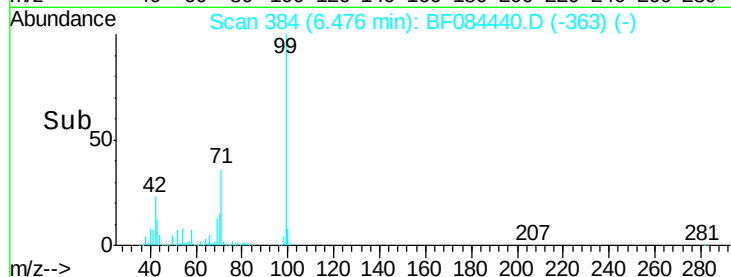
71 35.8 30.9 46.3



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: 2.69 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.16 min

Lab File: BF084440.D

Acq: 13 Jan 2016 5:38

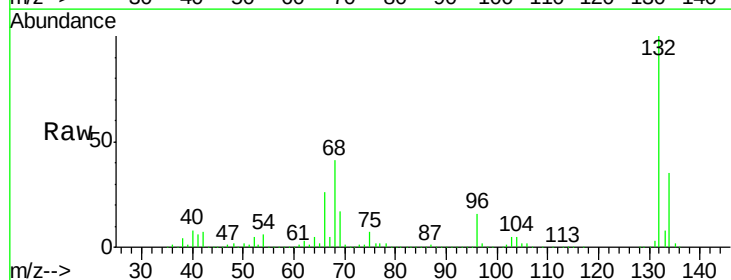
Tgt Ion: 77 Resp: 36162

Ion Ratio Lower Upper

77 100

105 80.5 83.0 123.0#

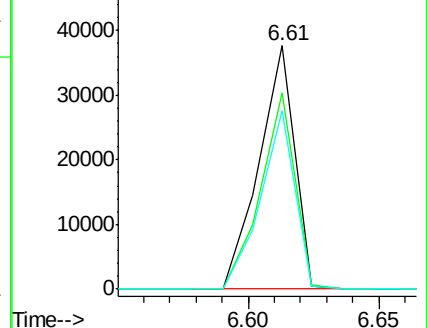
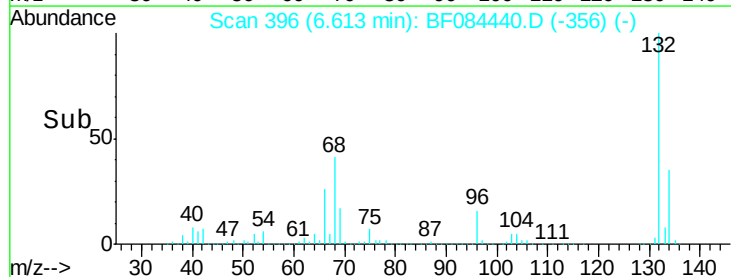
106 73.3 74.6 114.6#

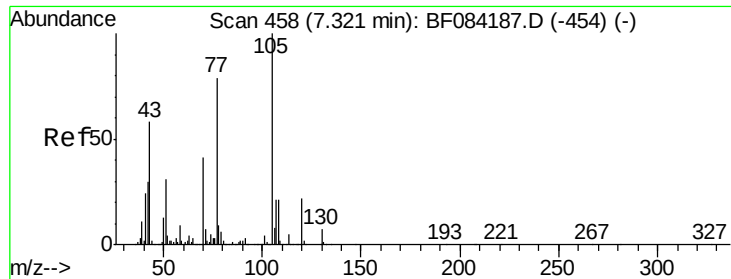


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

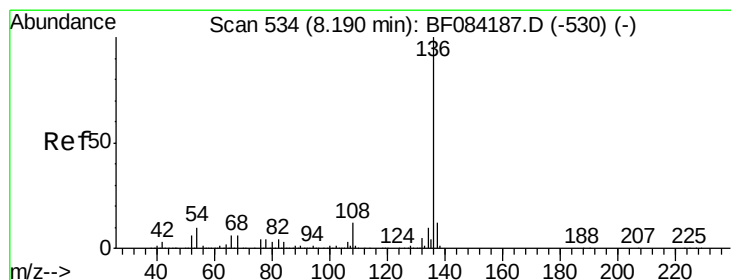
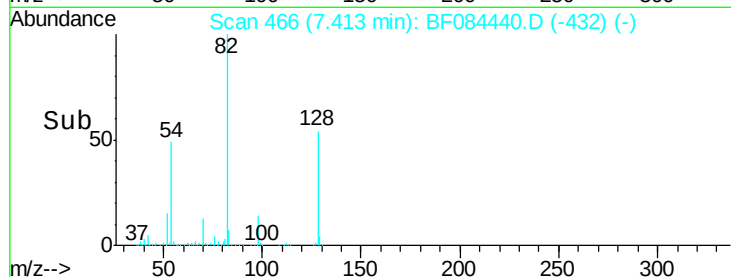
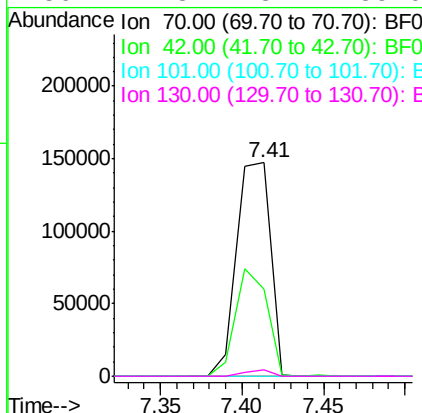
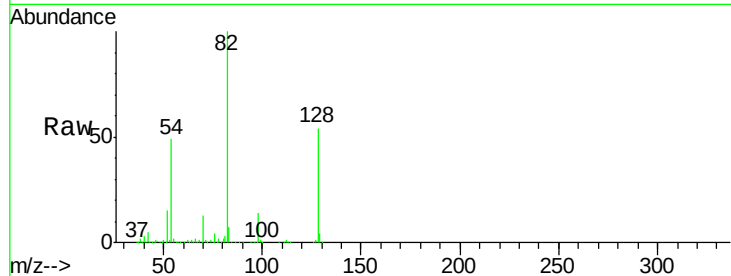




#19
n-Nitroso-di-n-propylamine
Concen: 15.09 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.09 min
Lab File: BF084440.D
Acq: 13 Jan 2016 5:38

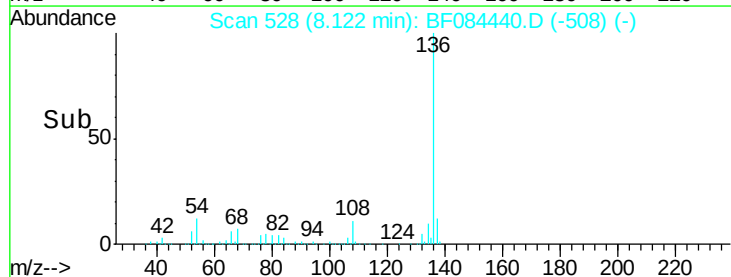
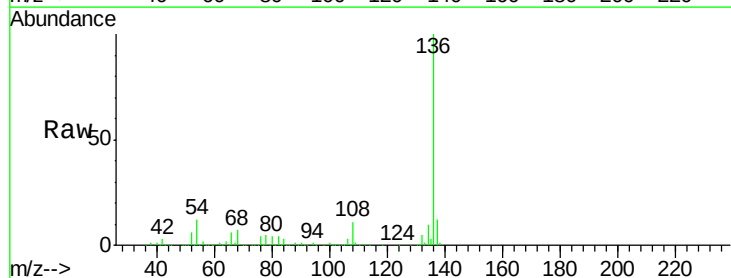
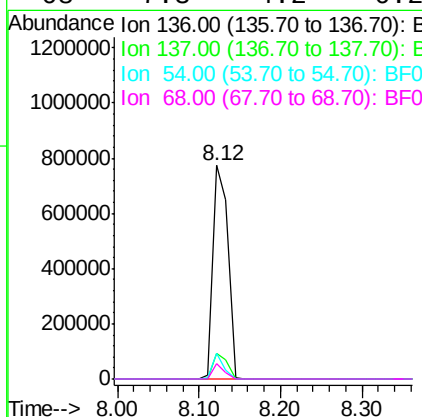
Instrument :
BNA_F
ClientSampleId :
TE-PMW2-20

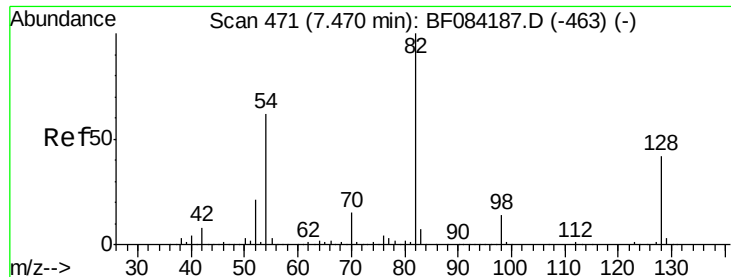
Tgt Ion: 70 Resp: 211168
Ion Ratio Lower Upper
70 100
42 40.6 33.3 49.9
101 0.0 9.3 13.9#
130 2.8 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.07 min
Lab File: BF084440.D
Acq: 13 Jan 2016 5:38

Tgt Ion: 136 Resp: 998629
Ion Ratio Lower Upper
136 100
137 11.7 8.7 13.1
54 11.7 5.8 8.8#
68 7.3 4.2 6.2#

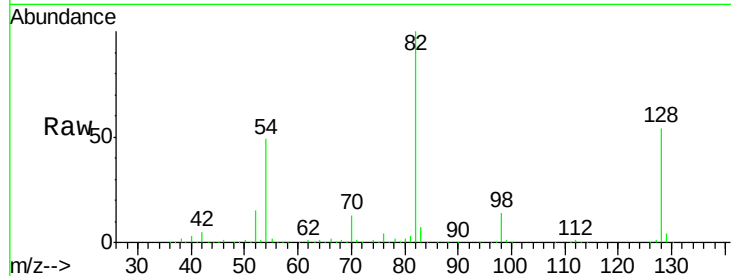




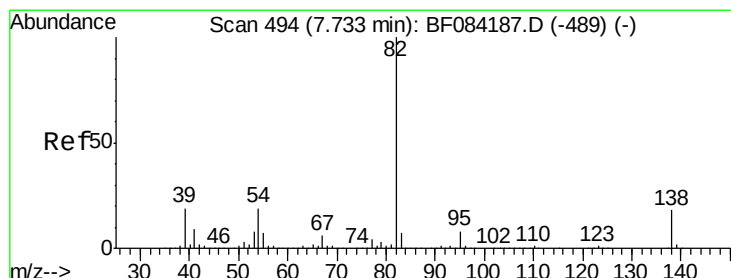
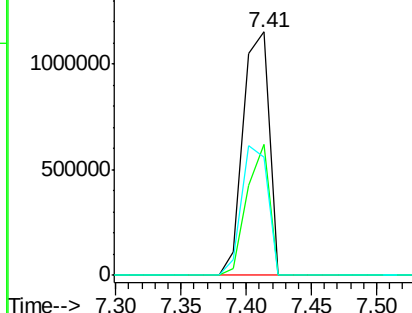
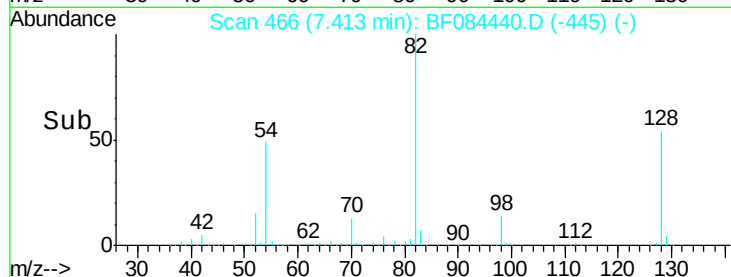
#23
 Nitrobenzene-d5
 Concen: 89.09 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.06 min
 Lab File: BF084440.D
 Acq: 13 Jan 2016 5:38

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW2-20

Tgt Ion: 82 Resp: 1598634
 Ion Ratio Lower Upper
 82 100
 128 53.8 34.6 51.8#
 54 48.6 38.4 57.6

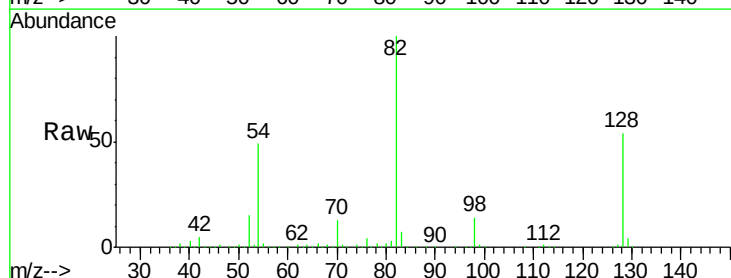


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

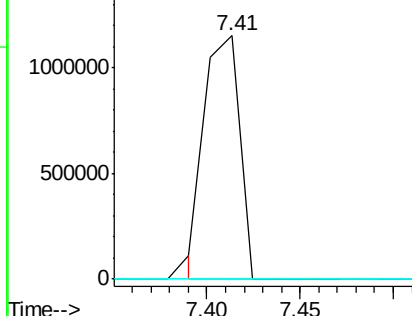
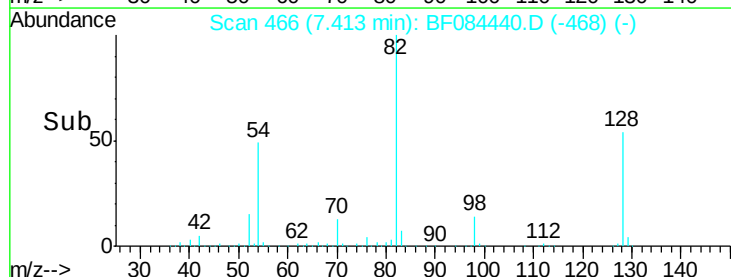


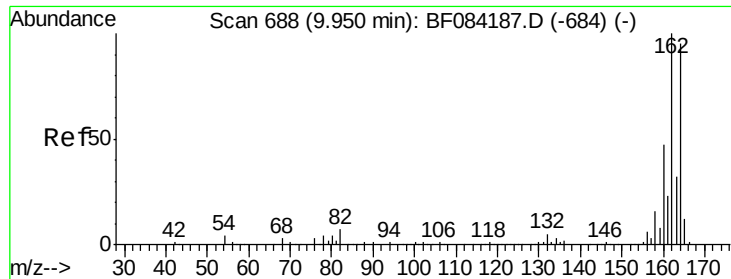
#25
 Isophorone
 Concen: 44.20 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.32 min
 Lab File: BF084440.D
 Acq: 13 Jan 2016 5:38

Tgt Ion: 82 Resp: 1516768
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 10.0#
 138 0.0 13.6 20.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

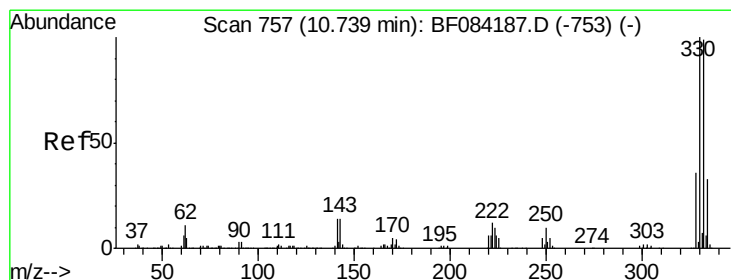
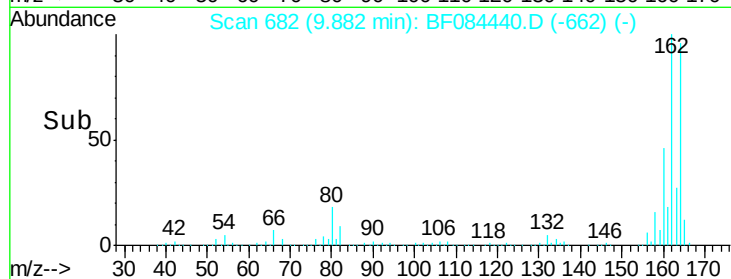
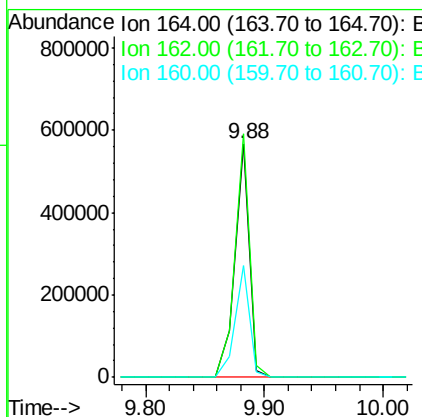
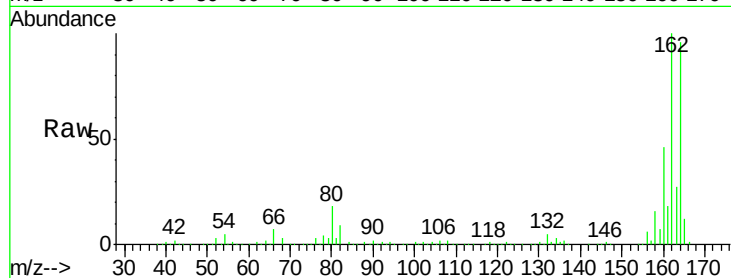




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.07 min
 Lab File: BF084440.D
 Acq: 13 Jan 2016 5:38

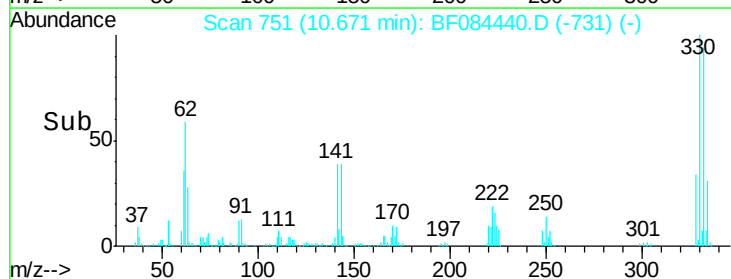
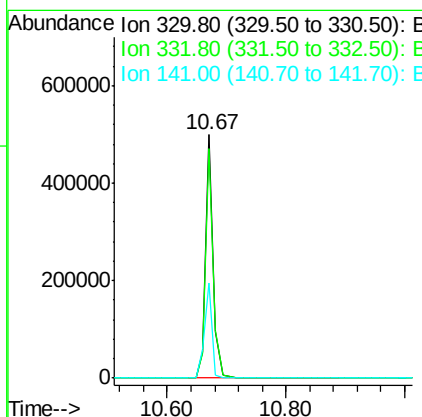
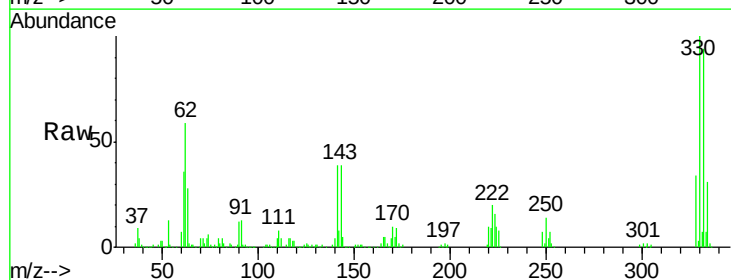
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW2-20

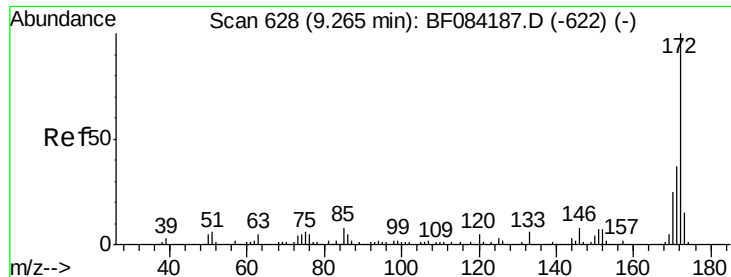
Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	85.1	127.7
160	47.9	37.5	56.3



#41
 2,4,6-Tribromophenol
 Concen: 94.63 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.07 min
 Lab File: BF084440.D
 Acq: 13 Jan 2016 5:38

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	114.8
141	39.5	27.8	41.6

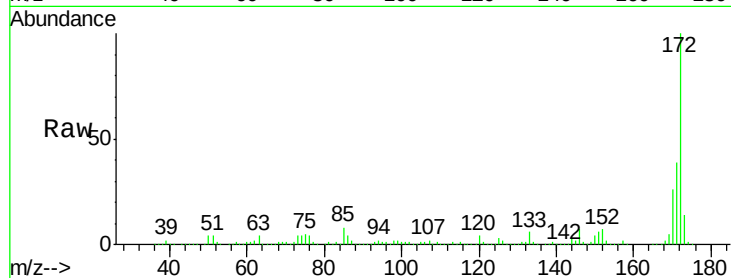




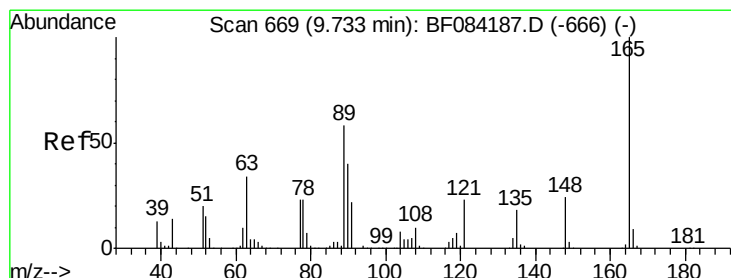
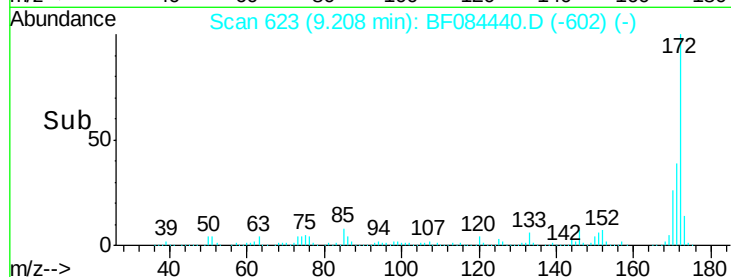
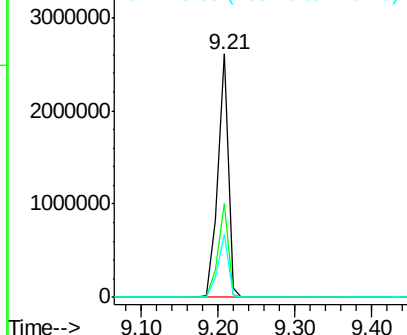
#44
 2-Fluorobiphenyl
 Concen: 90.37 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.06 min
 Lab File: BF084440.D
 Acq: 13 Jan 2016 5:38

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW2-20

Tgt Ion:172 Resp: 2453056
 Ion Ratio Lower Upper
 172 100
 171 38.6 28.9 43.3
 170 26.1 18.6 27.8

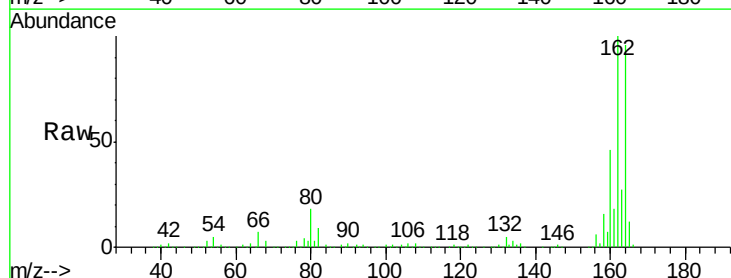


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

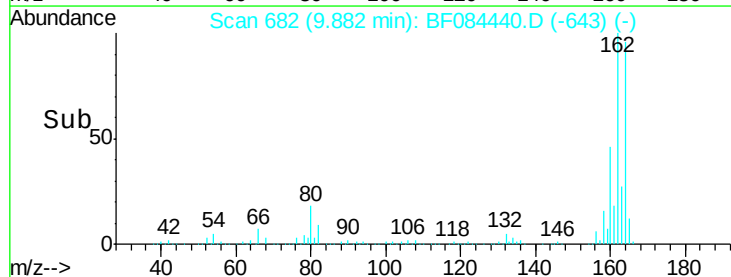
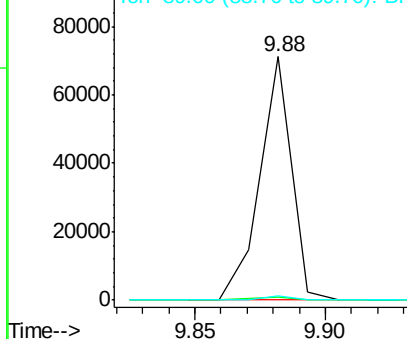


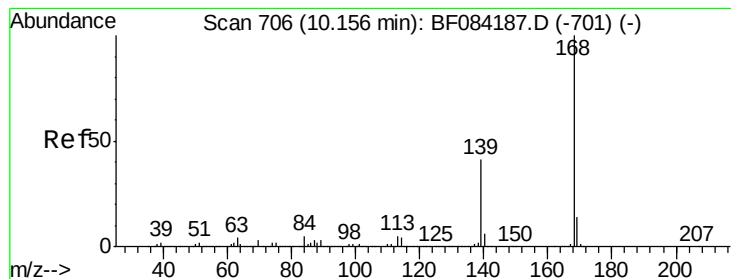
#50
 2,6-Dinitrotoluene
 Concen: 8.04 ng
 RT: 9.88 min Scan# 682
 Delta R.T. 0.15 min
 Lab File: BF084440.D
 Acq: 13 Jan 2016 5:38

Tgt Ion:165 Resp: 60494
 Ion Ratio Lower Upper
 165 100
 63 1.1 28.8 43.2#
 89 1.8 35.1 52.7#



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





#54

Dibenzofuran

Concen: Below Cal

RT: 10.09 min Scan# 700

Delta R.T. -0.07 min

Lab File: BF084440.D

Acq: 13 Jan 2016 5:38

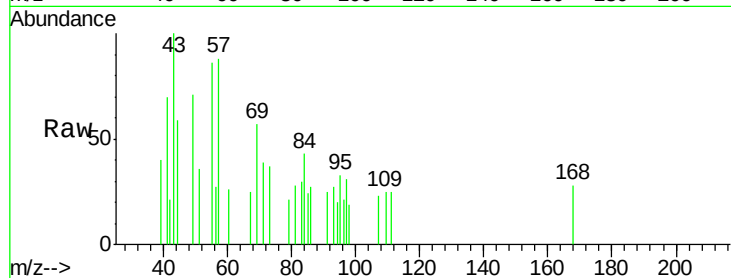
Instrument :

BNA_F

ClientSampleId :

TE-PMW2-20

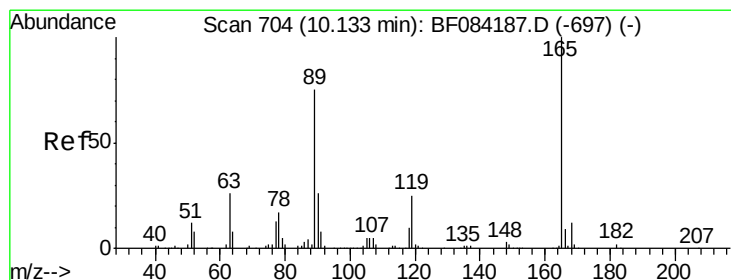
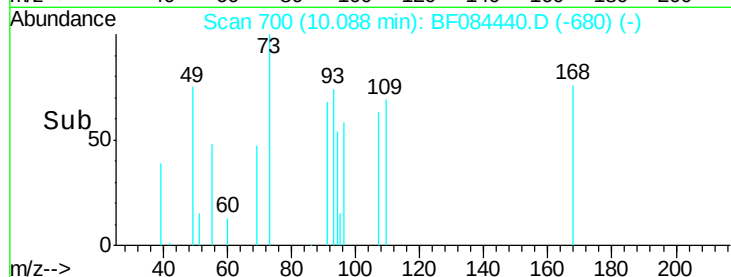
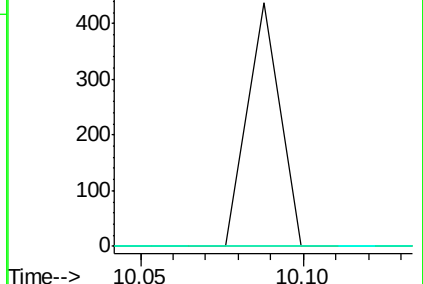
Tgt Ion:	168	Resp:	300
Ion Ratio	Lower	Upper	
168	100		
139	0.0	30.5	45.7#
169	0.0	10.4	15.6#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

2,4-Dinitrotoluene

Concen: 6.35 ng

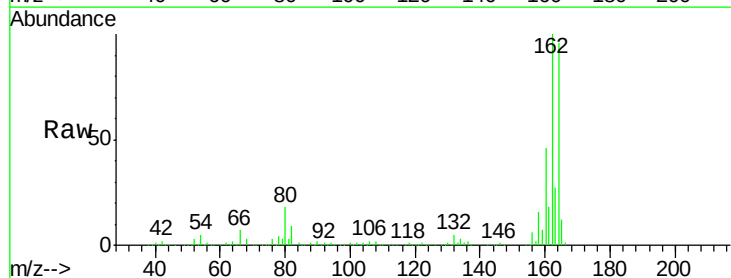
RT: 9.88 min Scan# 682

Delta R.T. -0.25 min

Lab File: BF084440.D

Acq: 13 Jan 2016 5:38

Tgt Ion:	165	Resp:	60483
Ion Ratio	Lower	Upper	
165	100		
63	1.1	36.7	55.1#
89	1.8	61.9	92.9#
182	0.0	2.0	3.0#

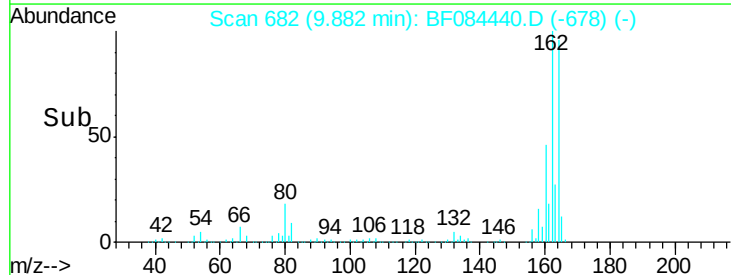
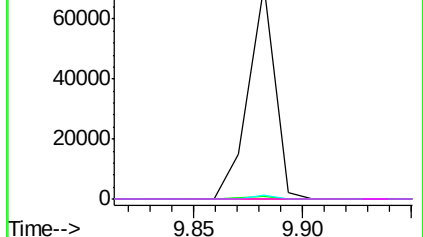


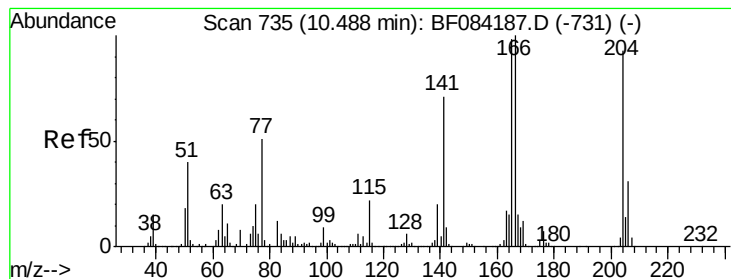
Abundance Ion 165.00 (164.70 to 165.70): E

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





#60

4-Chlorophenyl-phenylether

Concen: Below Cal

RT: 10.22 min Scan# 712

Delta R.T. -0.26 min

Lab File: BF084440.D

Acq: 13 Jan 2016 5:38

Instrument :

BNA_F

ClientSampleId :

TE-PMW2-20

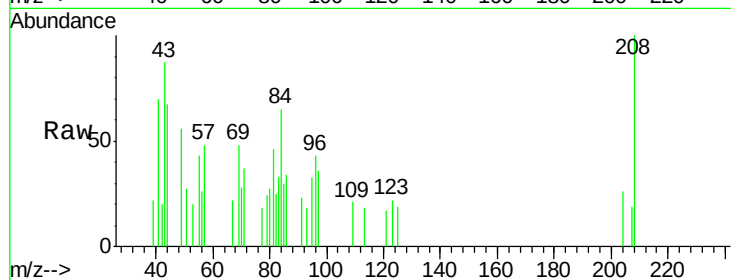
Tgt Ion:204 Resp: 312

Ion Ratio Lower Upper

204 100

206 0.0 25.7 38.5#

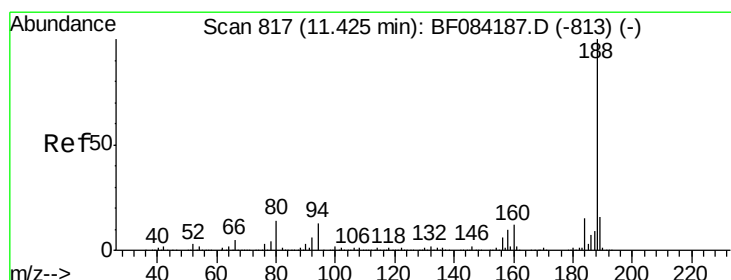
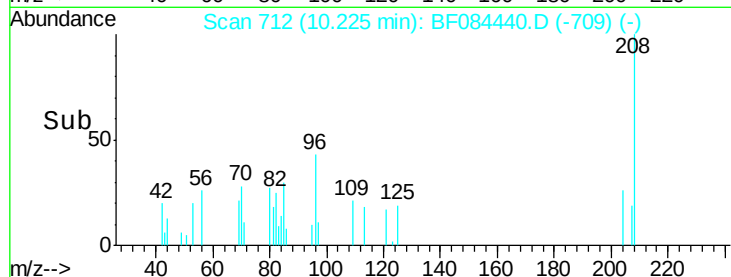
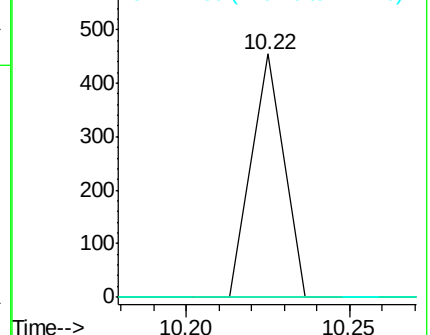
141 0.0 55.1 82.7#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.06 min

Lab File: BF084440.D

Acq: 13 Jan 2016 5:38

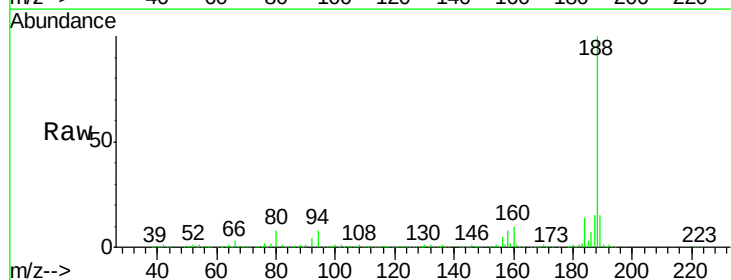
Tgt Ion:188 Resp: 816113

Ion Ratio Lower Upper

188 100

94 8.0 9.0 13.4#

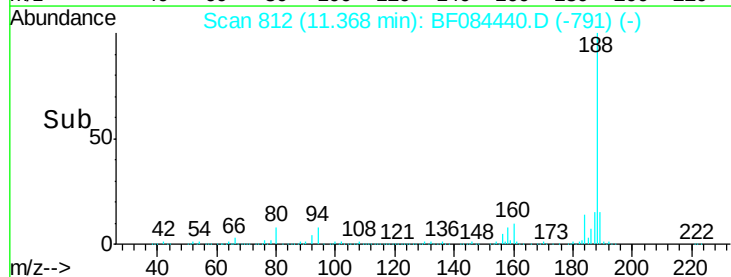
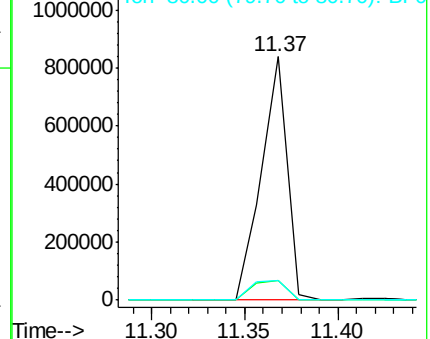
80 7.9 9.6 14.4#

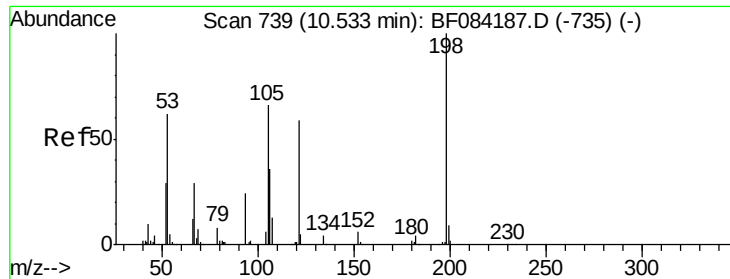


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 6.58 ng

RT: 10.67 min Scan# 751

Delta R.T. 0.14 min

Lab File: BF084440.D

Acq: 13 Jan 2016 5:38

Instrument :

BNA_F

ClientSampleId :

TE-PMW2-20

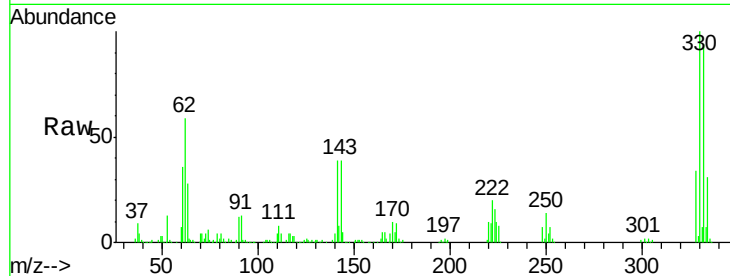
Tgt Ion:198 Resp: 1034

Ion Ratio Lower Upper

198 100

51 186.5 18.9 58.9#

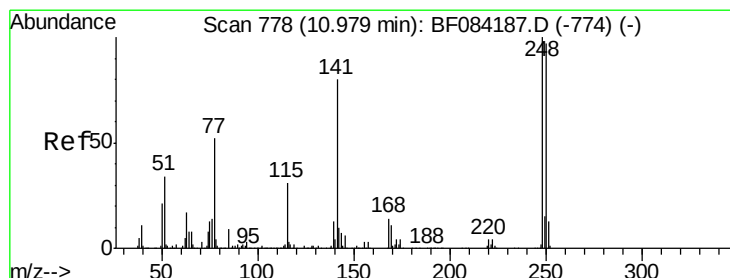
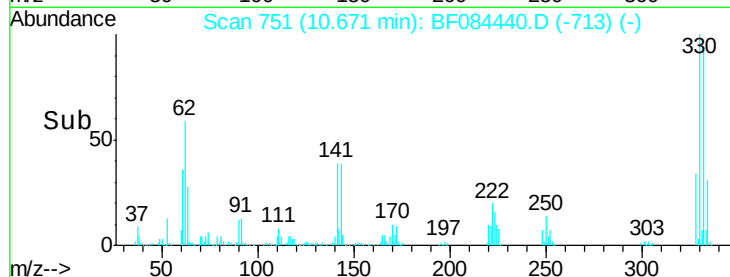
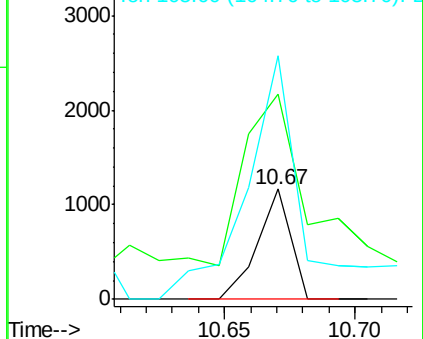
105 220.7 26.4 66.4#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.39 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.31 min

Lab File: BF084440.D

Acq: 13 Jan 2016 5:38

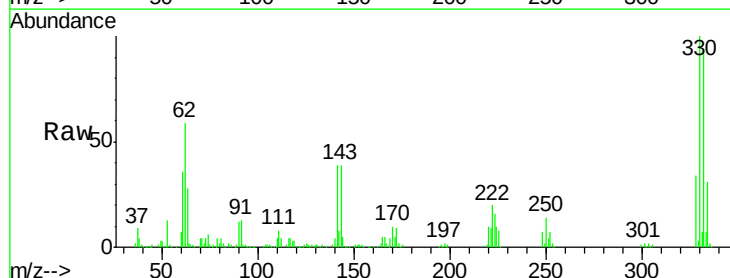
Tgt Ion:248 Resp: 29762

Ion Ratio Lower Upper

248 100

250 204.1 78.4 117.6#

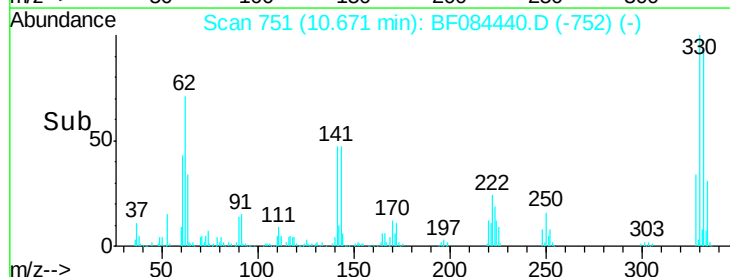
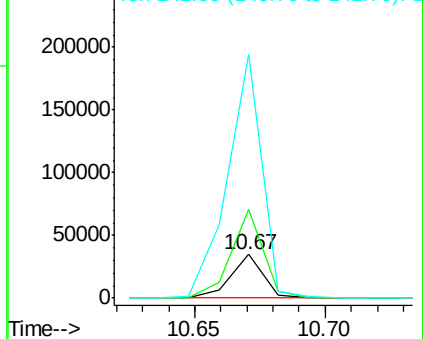
141 556.4 44.0 66.0#

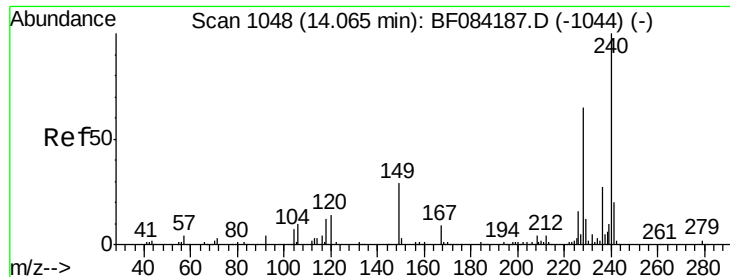


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.00 min Scan# 1042

Delta R.T. -0.07 min

Lab File: BF084440.D

Acq: 13 Jan 2016 5:38

Instrument :

BNA_F

ClientSampleId :

TE-PMW2-20

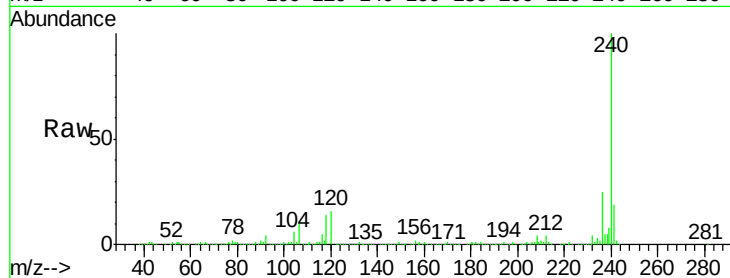
Tgt Ion:240 Resp: 517602

Ion Ratio Lower Upper

240 100

120 15.9 9.5 14.3#

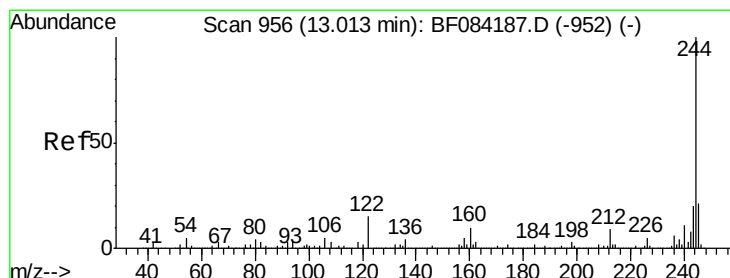
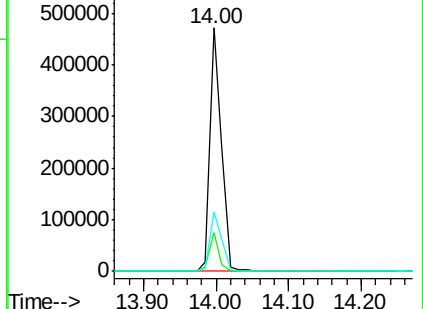
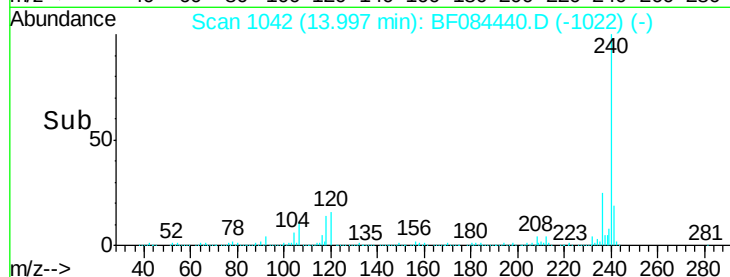
236 24.6 20.6 31.0



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: 89.90 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.06 min

Lab File: BF084440.D

Acq: 13 Jan 2016 5:38

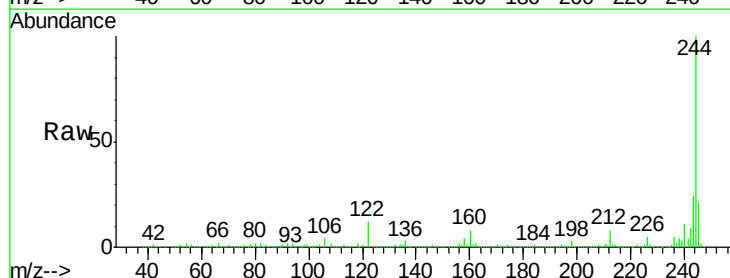
Tgt Ion:244 Resp: 2084617

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

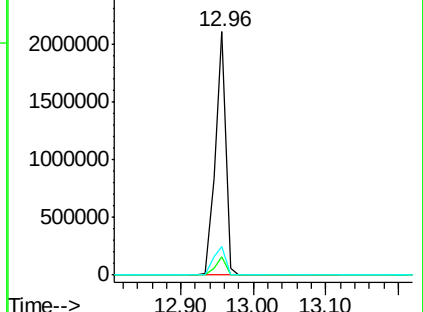
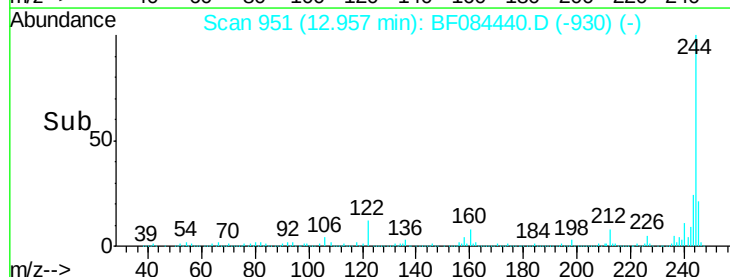
122 11.9 7.4 11.0#

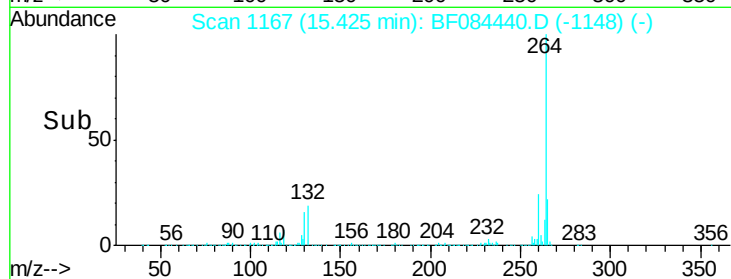
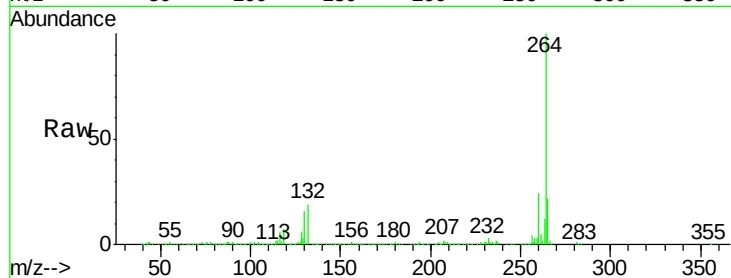
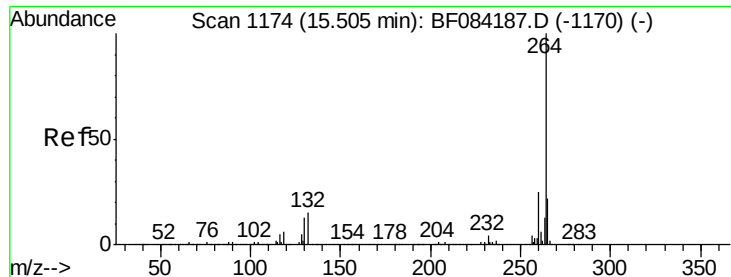


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.43 min Scan# 1167

Delta R.T. -0.08 min

Lab File: BF084440.D

Acq: 13 Jan 2016 5:38

Instrument :

BNA_F

ClientSampleId :

TE-PMW2-20

Tgt Ion: 264 Resp: 468374

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 22.0 17.8 26.6

