

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011216\
 Data File : BF084417.D
 Acq On : 12 Jan 2016 18:33
 Operator : SJ/UM
 Sample : H1078-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-40

Quant Time: Jan 13 00:35:34 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

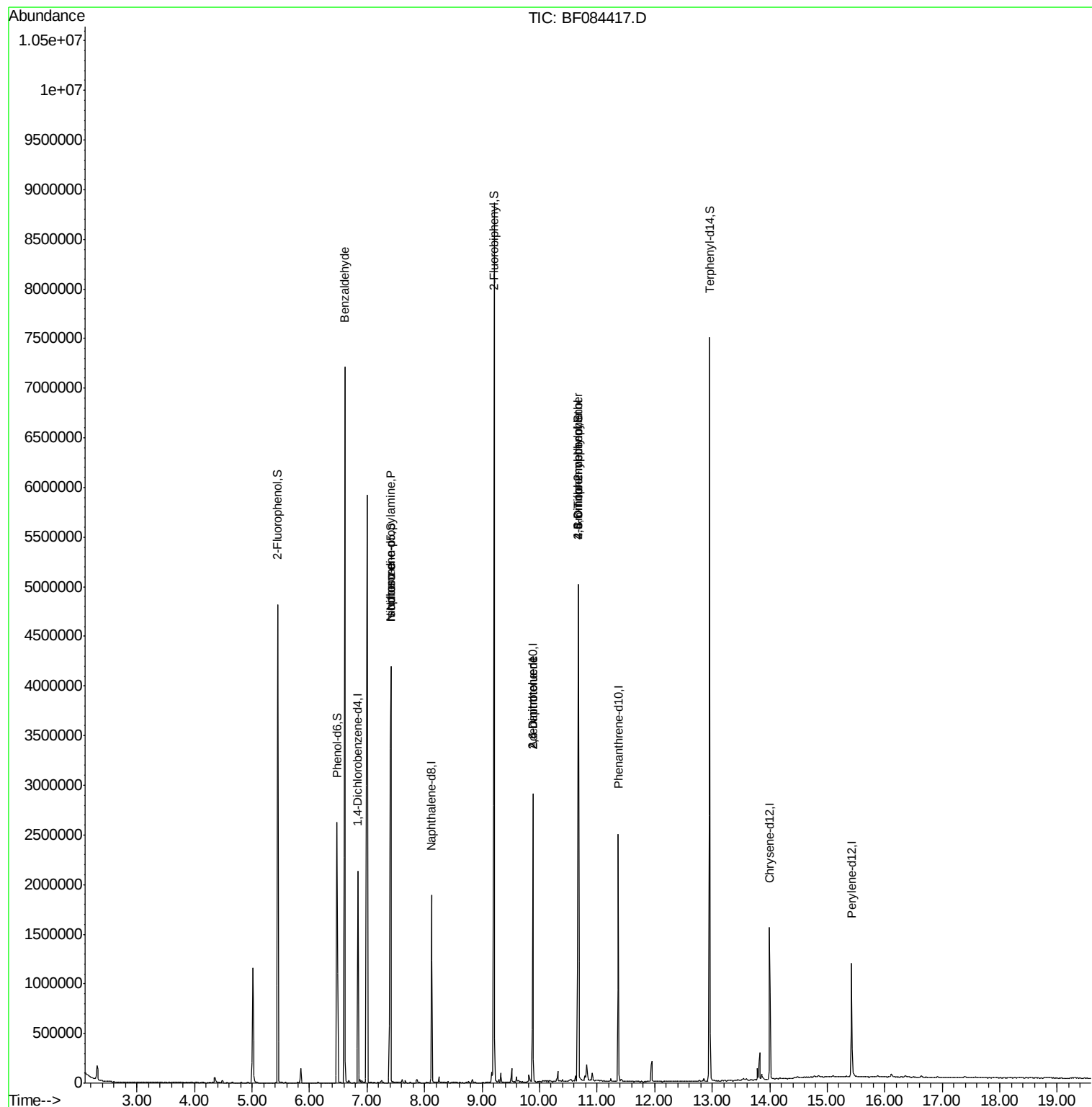
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	289627	20.00	ng	-0.06
21) Naphthalene-d8	8.12	136	1087290	20.00	ng	-0.07
38) Acenaphthene-d10	9.88	164	525202	20.00	ng	-0.07
63) Phenanthrene-d10	11.37	188	937303	20.00	ng	-0.06
75) Chrysene-d12	14.00	240	637950	20.00	ng	-0.07
86) Perylene-d12	15.43	264	497524	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1195550	66.77	ng	-0.05
7) Phenol-d6	6.48	99	967904	43.04	ng	-0.06
23) Nitrobenzene-d5	7.41	82	1872389	95.84	ng	-0.06
41) 2,4,6-Tribromophenol	10.67	330	609993	115.04	ng	-0.07
44) 2-Fluorobiphenyl	9.21	172	2567911	86.09	ng	-0.06
78) Terphenyl-d14	12.96	244	2261430	79.13	ng	-0.06
Target Compounds						
9) Benzaldehyde	6.61	77	46630	3.18	ng	# 75
19) n-Nitroso-di-n-propylamine	7.41	70	252638	16.60	ng	# 78
25) Isophorone	7.41	82	1770402	47.38	ng	# 66
50) 2,6-Dinitrotoluene	9.88	165	69338	8.42	ng	# 37
54) Dibenzofuran	10.09	168	492	Below Cal	#	45
56) 2,4-Dinitrotoluene	9.88	165	69341	6.65	ng	# 21
57) Fluorene	10.67	166	27442	Below Cal	#	89
64) 4,6-Dinitro-2-methylphenol	10.67	198	1396	6.60	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	37557	3.72	ng	# 1
73) Di-n-butylphthalate	11.94	149	5603	Below Cal	#	79

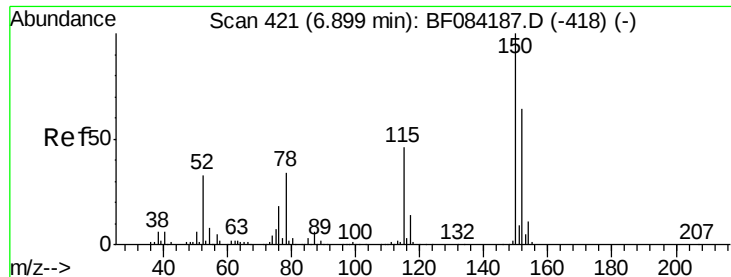
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF084417.D

Acq: 12 Jan 2016 18:33

Instrument :

BNA_F

ClientSampleId :

TE-PMW-40

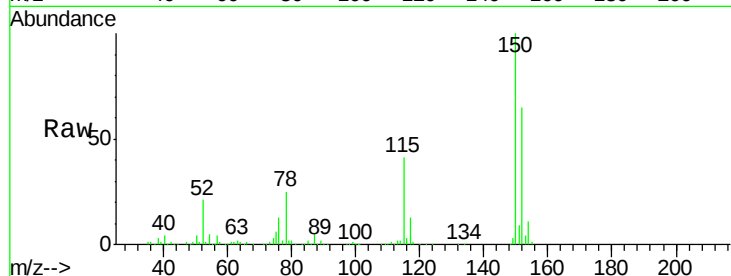
Tgt Ion:152 Resp: 289627

Ion Ratio Lower Upper

152 100

150 154.9 123.0 184.4

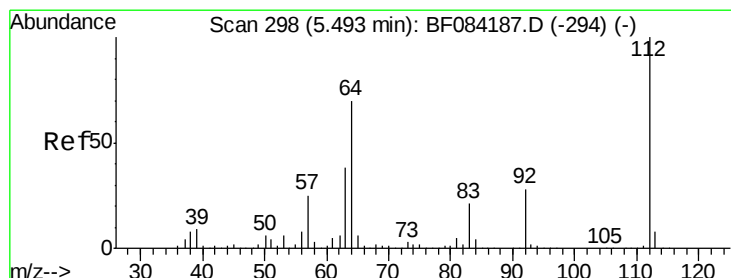
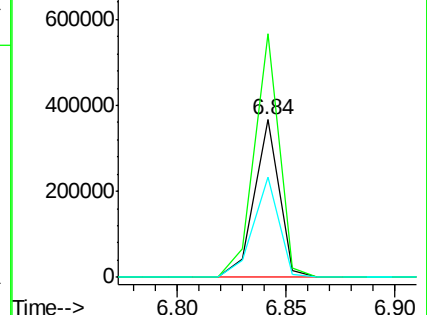
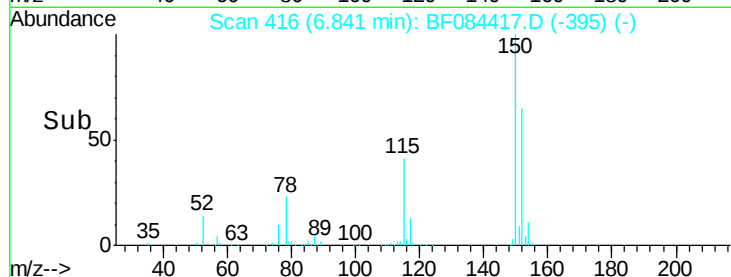
115 63.4 51.4 77.2



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: 66.77 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.05 min

Lab File: BF084417.D

Acq: 12 Jan 2016 18:33

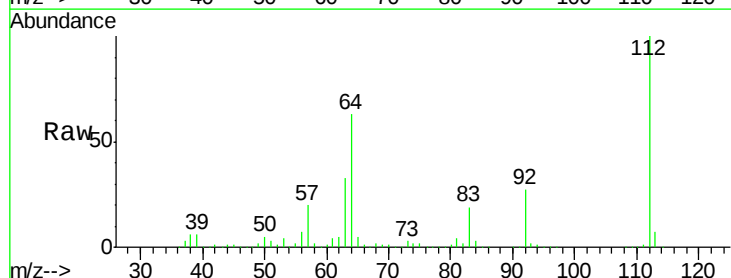
Tgt Ion:112 Resp: 1195550

Ion Ratio Lower Upper

112 100

64 63.4 36.6 55.0#

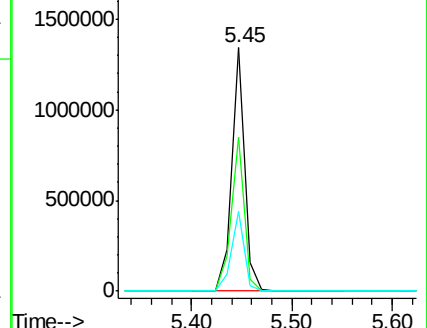
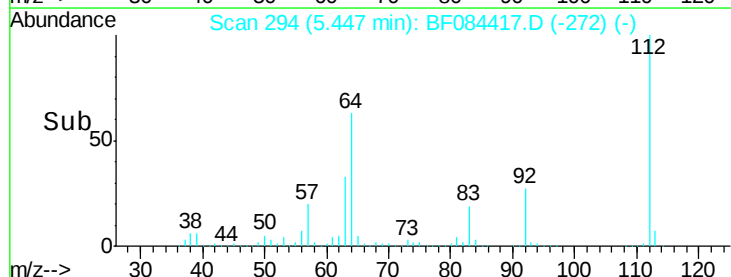
63 32.6 19.4 29.0#

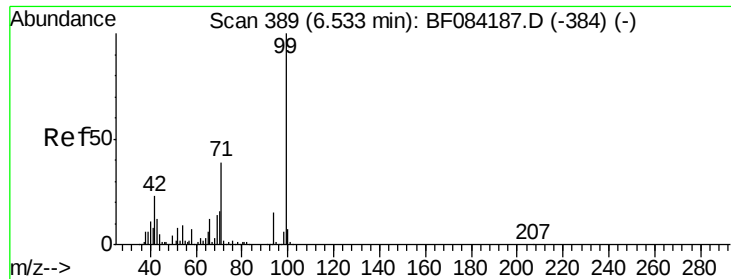


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.04 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.06 min

Lab File: BF084417.D

Acq: 12 Jan 2016 18:33

Instrument :

BNA_F

ClientSampleId :

TE-PMW-40

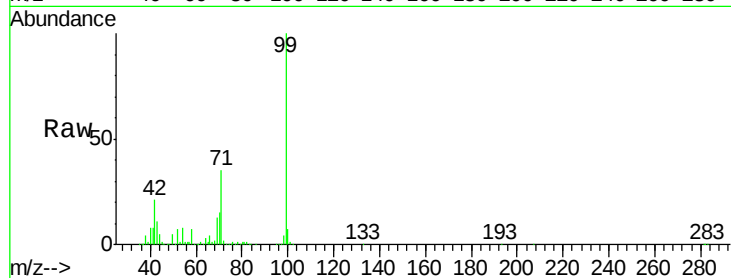
Tgt Ion: 99 Resp: 967904

Ion Ratio Lower Upper

99 100

42 20.8 12.8 19.2#

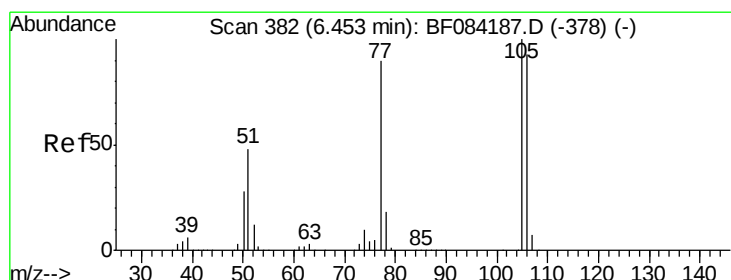
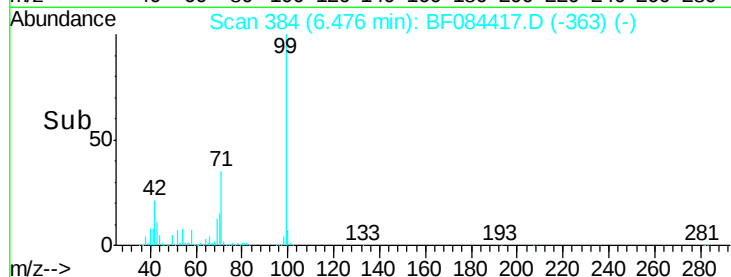
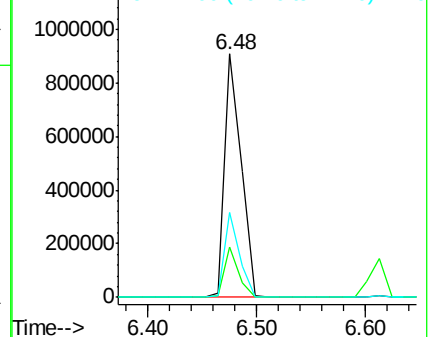
71 34.9 30.9 46.3



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: 3.18 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.16 min

Lab File: BF084417.D

Acq: 12 Jan 2016 18:33

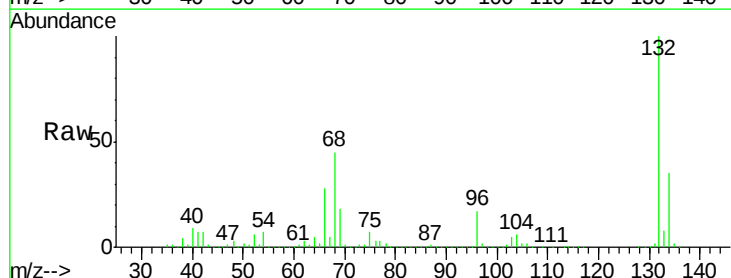
Tgt Ion: 77 Resp: 46630

Ion Ratio Lower Upper

77 100

105 75.1 83.0 123.0#

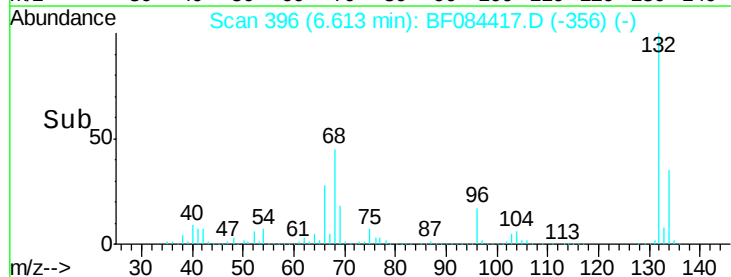
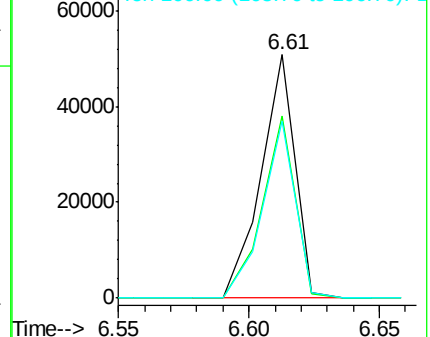
106 72.7 74.6 114.6#

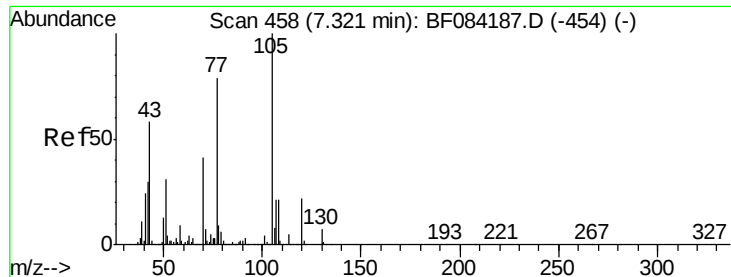


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

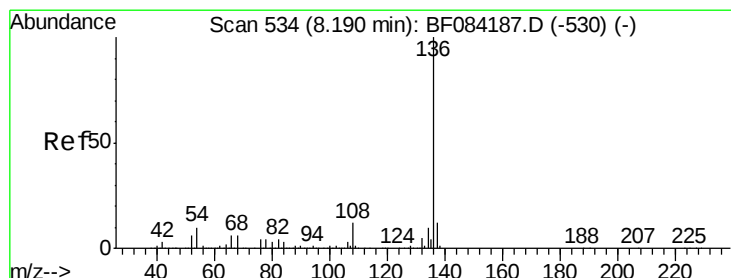
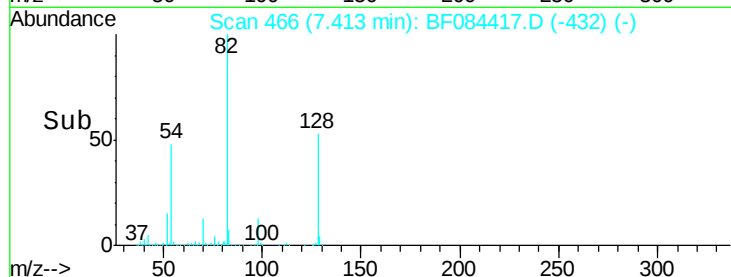
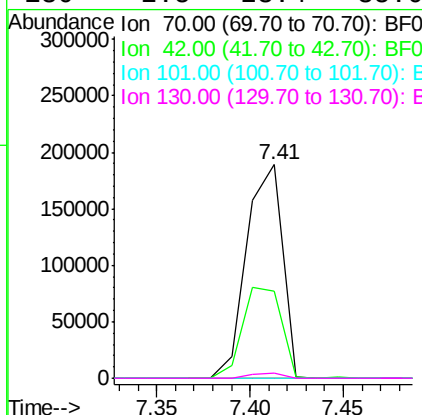
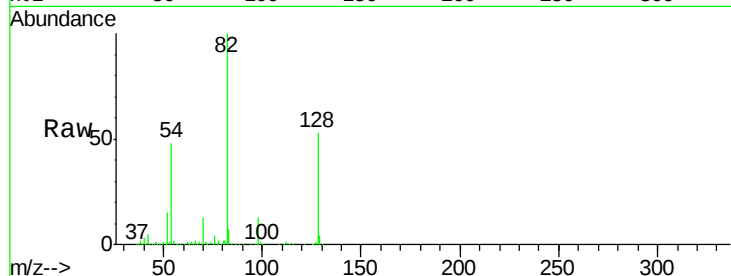




#19
n-Nitroso-di-n-propylamine
Concen: 16.60 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.09 min
Lab File: BF084417.D
Acq: 12 Jan 2016 18:33

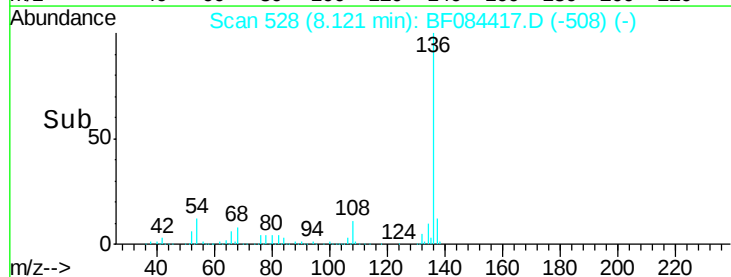
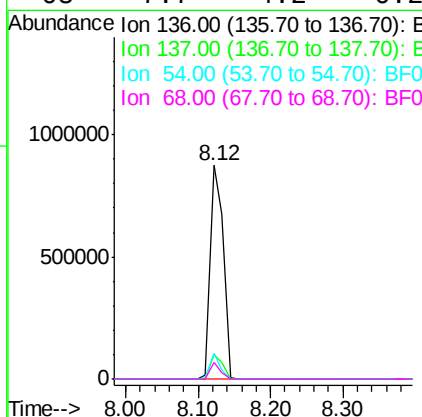
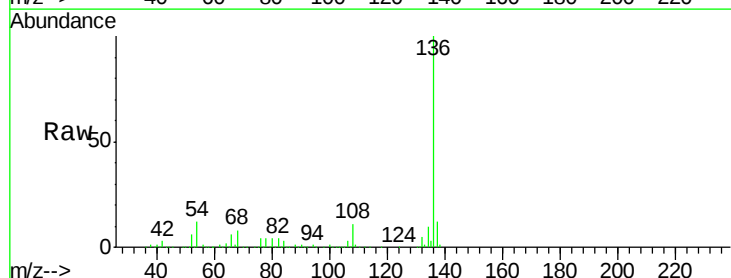
Instrument :
BNA_F
ClientSampleId :
TE-PMW-40

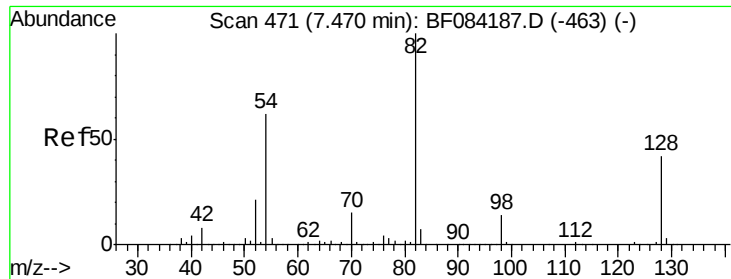
Tgt Ion: 70 Resp: 252638
Ion Ratio Lower Upper
70 100
42 41.0 33.3 49.9
101 0.0 9.3 13.9#
130 2.5 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.07 min
Lab File: BF084417.D
Acq: 12 Jan 2016 18:33

Tgt Ion: 136 Resp: 1087290
Ion Ratio Lower Upper
136 100
137 11.5 8.7 13.1
54 11.9 5.8 8.8#
68 7.7 4.2 6.2#

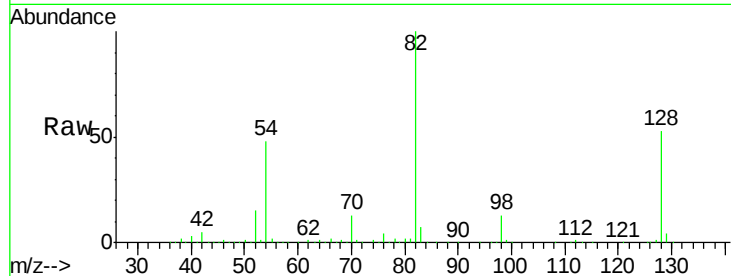




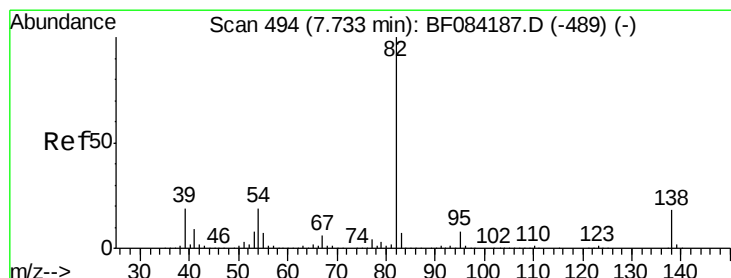
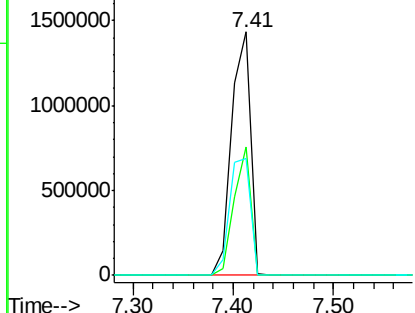
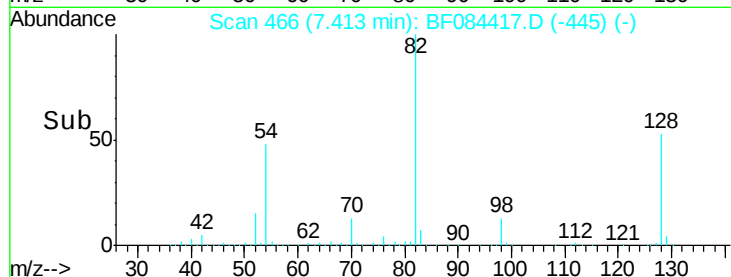
#23
Nitrobenzene-d5
Concen: 95.84 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.06 min
Lab File: BF084417.D
Acq: 12 Jan 2016 18:33

Instrument :
BNA_F
ClientSampleId :
TE-PMW-40

Tgt Ion: 82 Resp: 1872389
Ion Ratio Lower Upper
82 100
128 52.8 34.6 51.8#
54 48.2 38.4 57.6

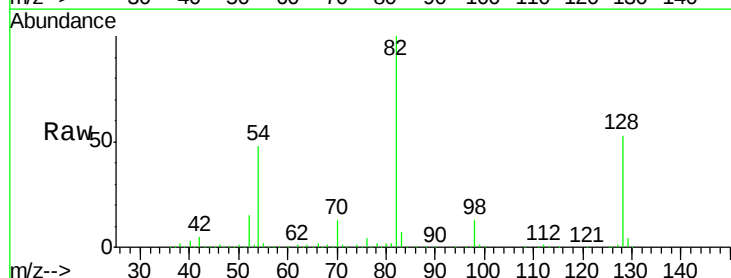


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

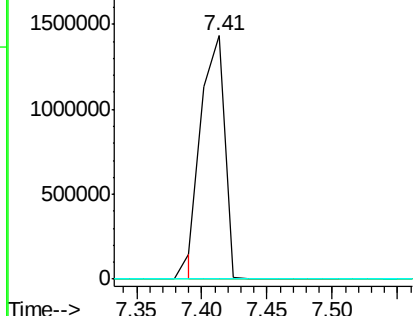
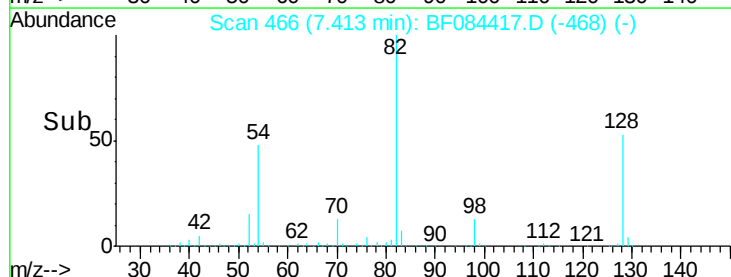


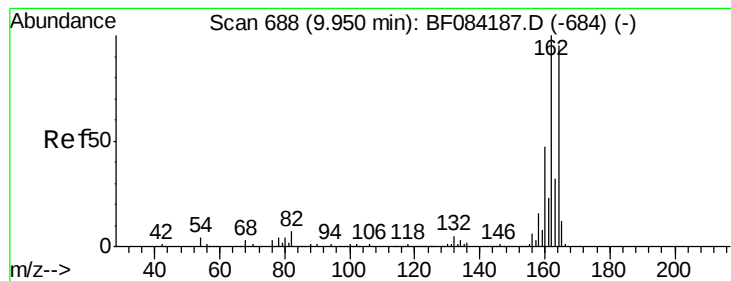
#25
Isophorone
Concen: 47.38 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.32 min
Lab File: BF084417.D
Acq: 12 Jan 2016 18:33

Tgt Ion: 82 Resp: 1770402
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: BF084417.D

Acq: 12 Jan 2016 18:33

Instrument :

BNA_F

ClientSampleId :

TE-PMW-40

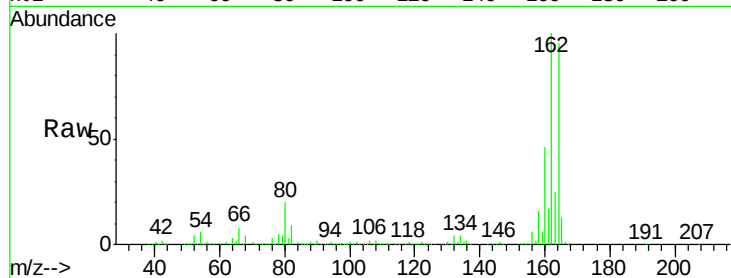
Tgt Ion:164 Resp: 525202

Ion Ratio Lower Upper

164 100

162 105.0 85.1 127.7

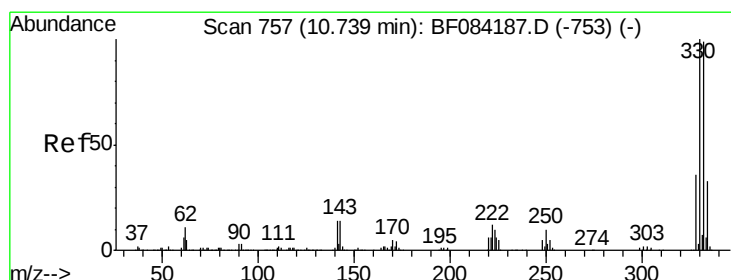
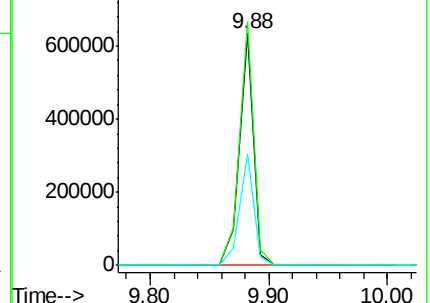
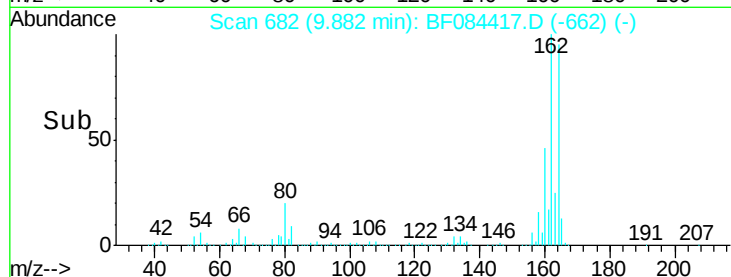
160 48.1 37.5 56.3



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: 115.04 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.07 min

Lab File: BF084417.D

Acq: 12 Jan 2016 18:33

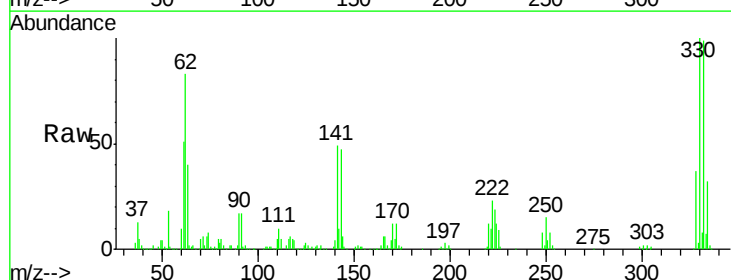
Tgt Ion:330 Resp: 609993

Ion Ratio Lower Upper

330 100

332 98.9 76.6 114.8

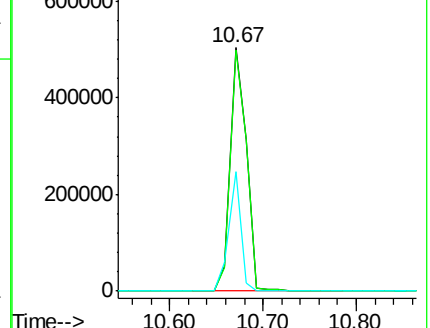
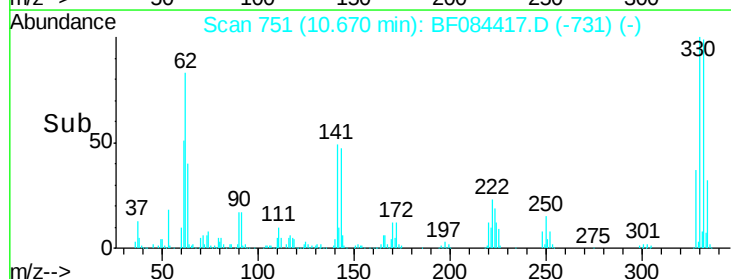
141 37.2 27.8 41.6

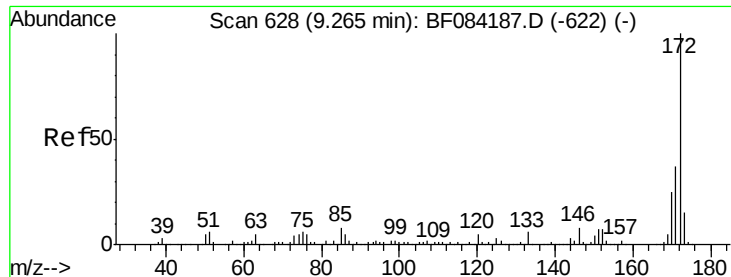


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

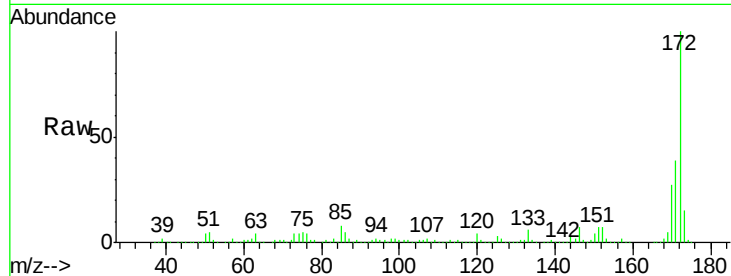




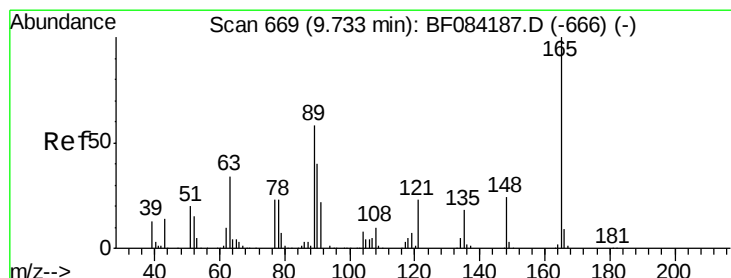
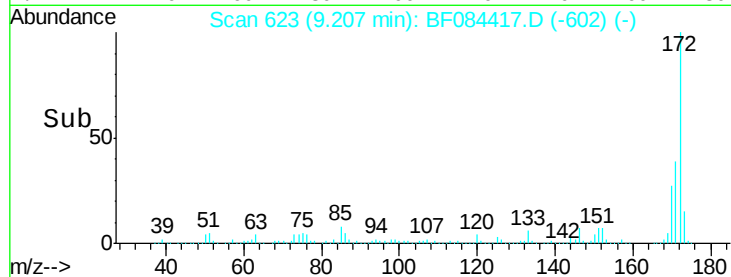
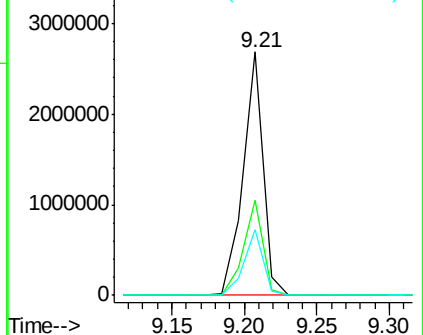
#44
 2-Fluorobiphenyl
 Concen: 86.09 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.06 min
 Lab File: BF084417.D
 Acq: 12 Jan 2016 18:33

Instrument :
 BNA_F
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 TE-PMW-40

Tgt Ion:172 Resp: 2567911
 Ion Ratio Lower Upper
 172 100
 171 39.1 28.9 43.3
 170 26.9 18.6 27.8

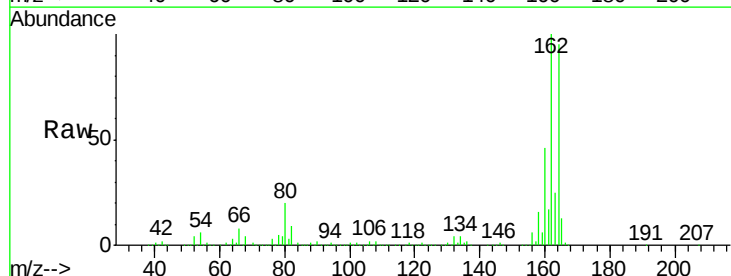


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

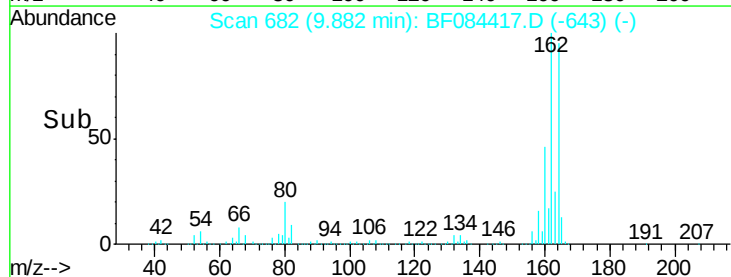
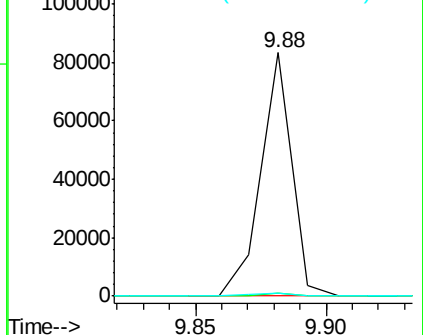


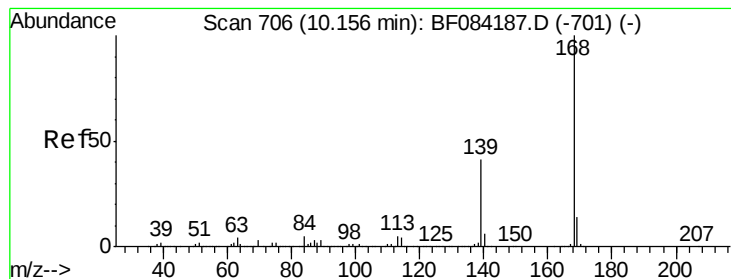
#50
 2,6-Dinitrotoluene
 Concen: 8.42 ng
 RT: 9.88 min Scan# 682
 Delta R.T. 0.15 min
 Lab File: BF084417.D
 Acq: 12 Jan 2016 18:33

Tgt Ion:165 Resp: 69338
 Ion Ratio Lower Upper
 165 100
 63 1.5 28.8 43.2#
 89 1.3 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: BF084417.D

Acq: 12 Jan 2016 18:33

Instrument :

BNA_F

ClientSampleId :

TE-PMW-40

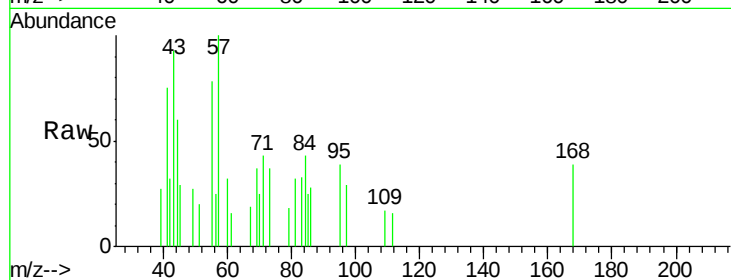
Tgt Ion:168 Resp: 492

Ion Ratio Lower Upper

168 100

139 0.0 30.5 45.7#

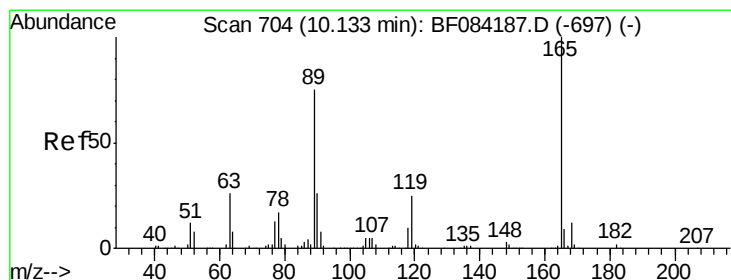
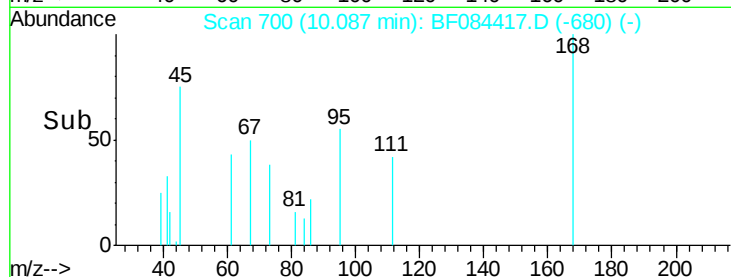
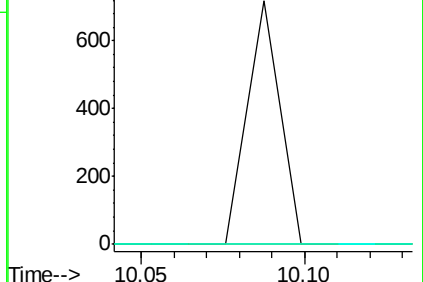
169 0.0 10.4 15.6#



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: 6.65 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.25 min

Lab File: BF084417.D

Acq: 12 Jan 2016 18:33

Tgt Ion:165 Resp: 69341

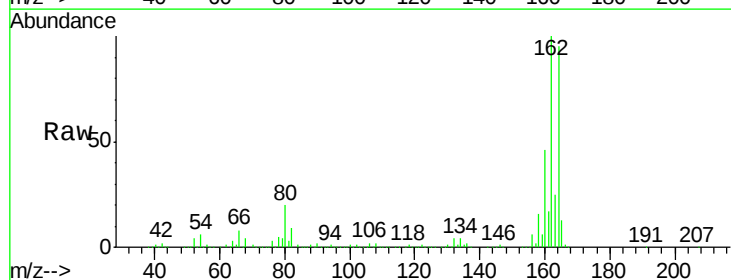
Ion Ratio Lower Upper

165 100

63 1.5 36.7 55.1#

89 1.3 61.9 92.9#

182 0.0 2.0 3.0#

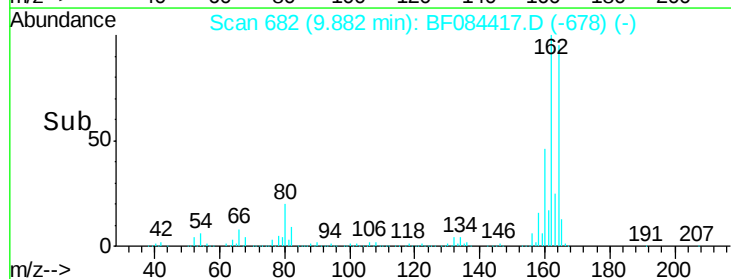
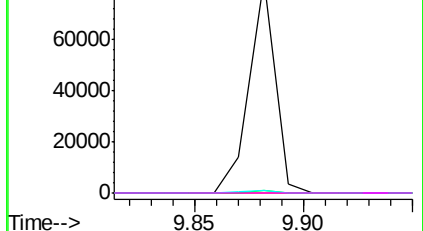


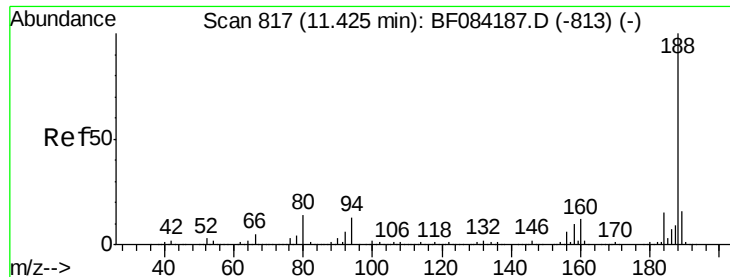
Abundance Ion 165.00 (164.70 to 165.70): E

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

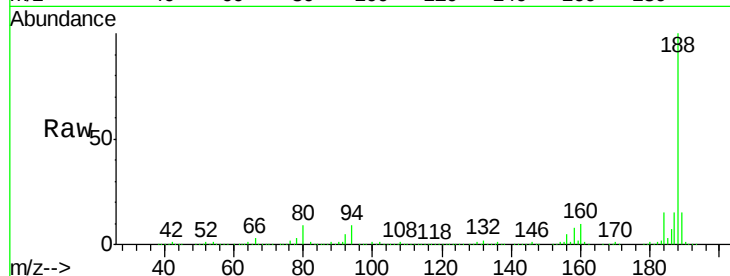




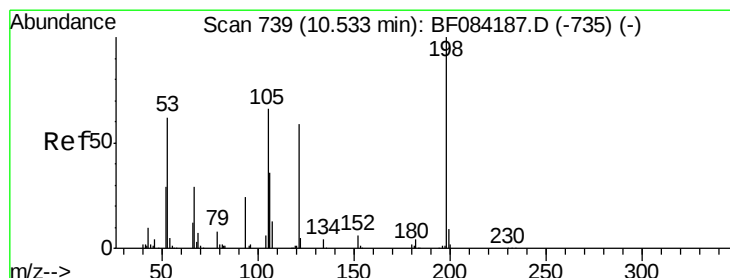
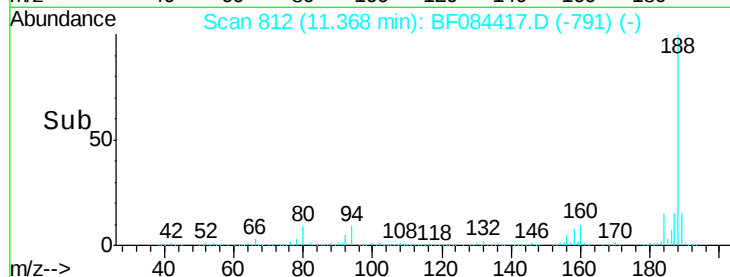
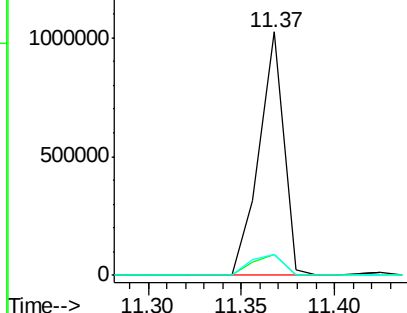
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.06 min
Lab File: BF084417.D
Acq: 12 Jan 2016 18:33

Instrument :
BNA_F
ClientSampleId :
TE-PMW-40

Tgt Ion:188 Resp: 937303
Ion Ratio Lower Upper
188 100
94 8.8 9.0 13.4#
80 8.6 9.6 14.4#

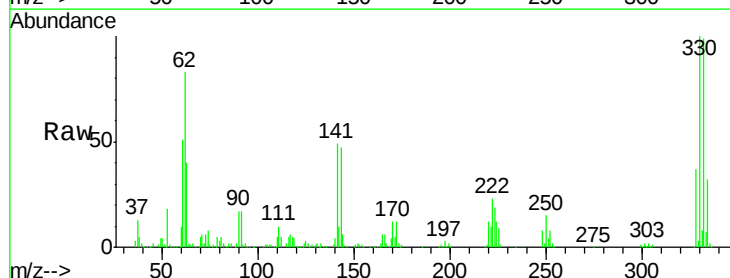


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

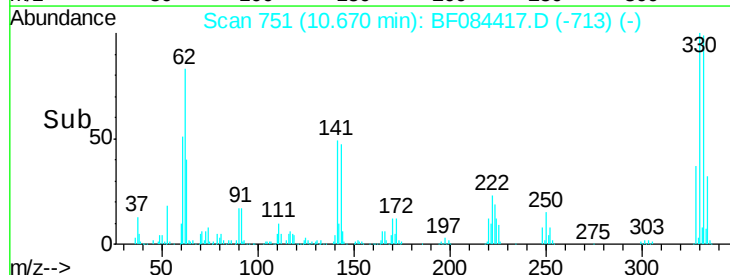
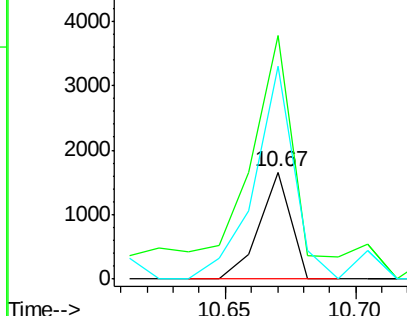


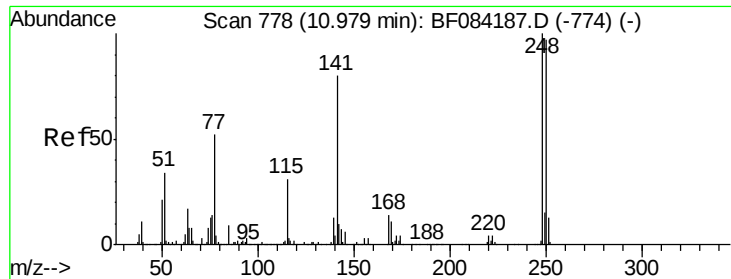
#64
4,6-Dinitro-2-methylphenol
Concen: 6.60 ng
RT: 10.67 min Scan# 751
Delta R.T. 0.14 min
Lab File: BF084417.D
Acq: 12 Jan 2016 18:33

Tgt Ion:198 Resp: 1396
Ion Ratio Lower Upper
198 100
51 227.6 18.9 58.9#
105 198.6 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

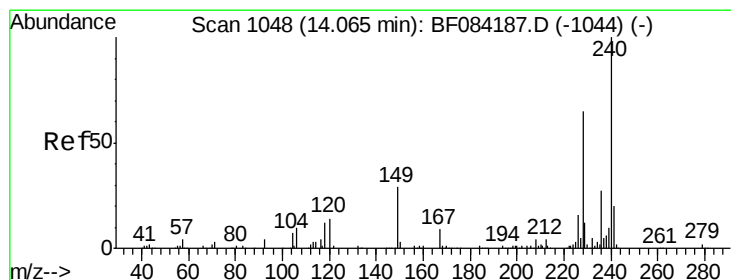
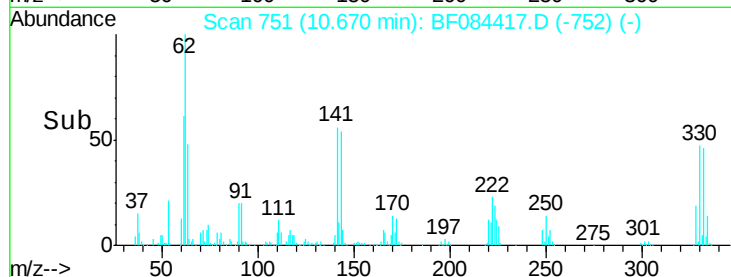
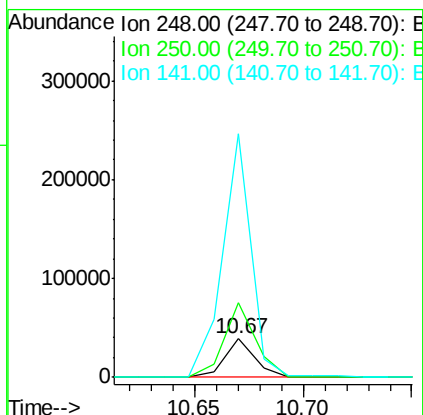
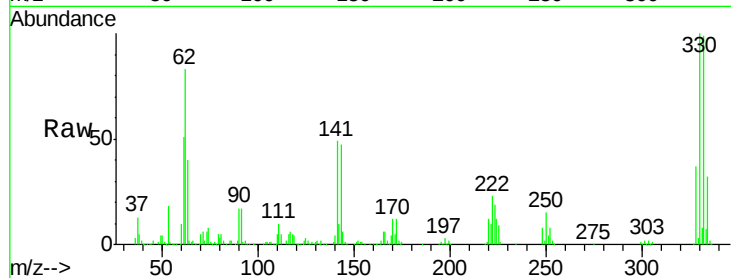




#66
4-Bromophenyl-phenylether
Concen: 3.72 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.31 min
Lab File: BF084417.D
Acq: 12 Jan 2016 18:33

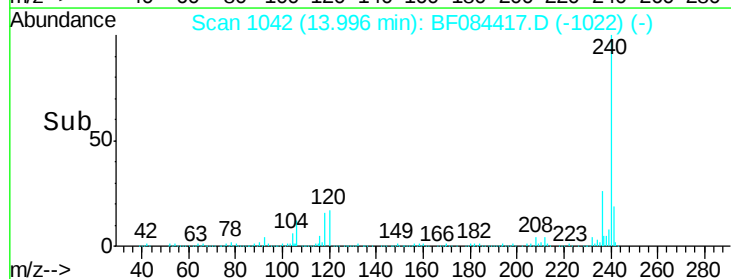
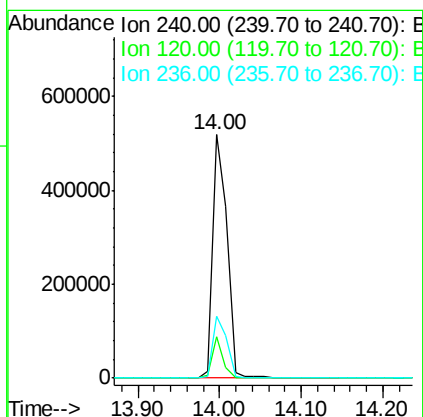
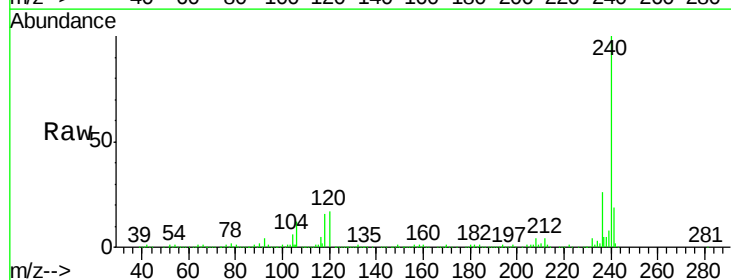
Instrument :
BNA_F
ClientSampleId :
TE-PMW-40

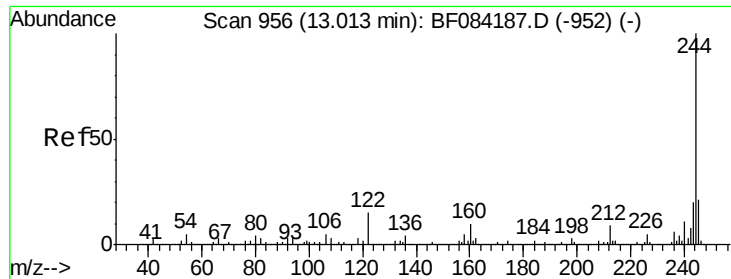
Tgt Ion:248 Resp: 37557
Ion Ratio Lower Upper
248 100
250 195.2 78.4 117.6#
141 636.8 44.0 66.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.07 min
Lab File: BF084417.D
Acq: 12 Jan 2016 18:33

Tgt Ion:240 Resp: 637950
Ion Ratio Lower Upper
240 100
120 16.8 9.5 14.3#
236 25.7 20.6 31.0

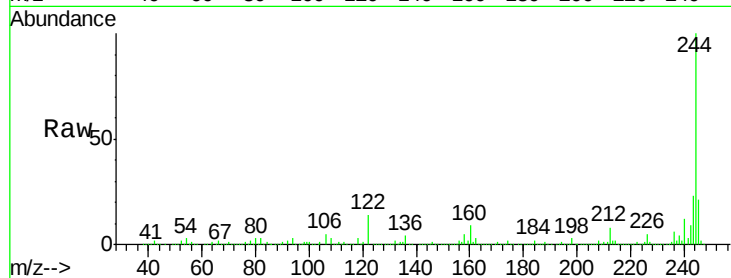




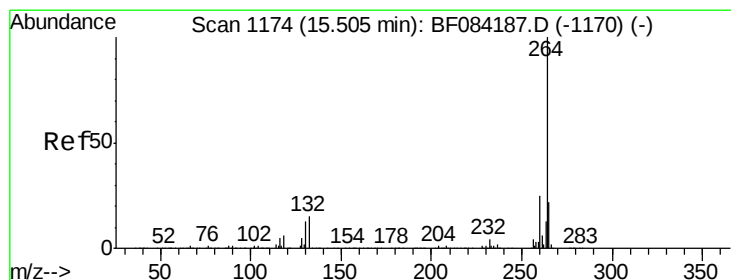
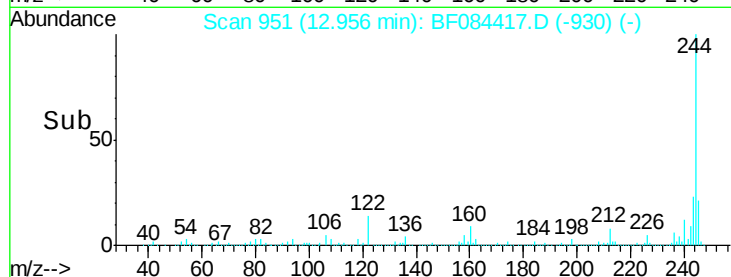
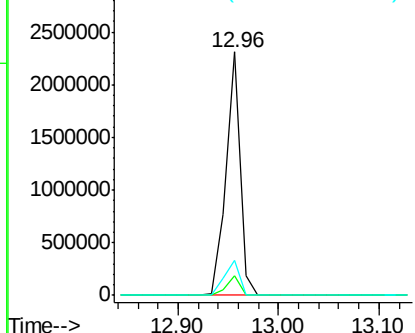
#78
 Terphenyl-d14
 Concen: 79.13 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.06 min
 Lab File: BF084417.D
 Acq: 12 Jan 2016 18:33

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-40

Tgt Ion:244 Resp: 2261430
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.7 8.5
 122 14.1 7.4 11.0#

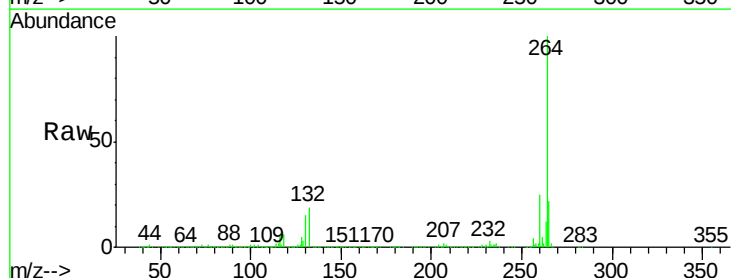


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.08 min
 Lab File: BF084417.D
 Acq: 12 Jan 2016 18:33

Tgt Ion:264 Resp: 497524
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.4 29.2
 265 22.3 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

