

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012016\
 Data File : BF084568.D
 Acq On : 20 Jan 2016 16:54
 Operator : SJ/UM
 Sample : PB87882BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87882BL

Quant Time: Jan 20 22:06:48 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

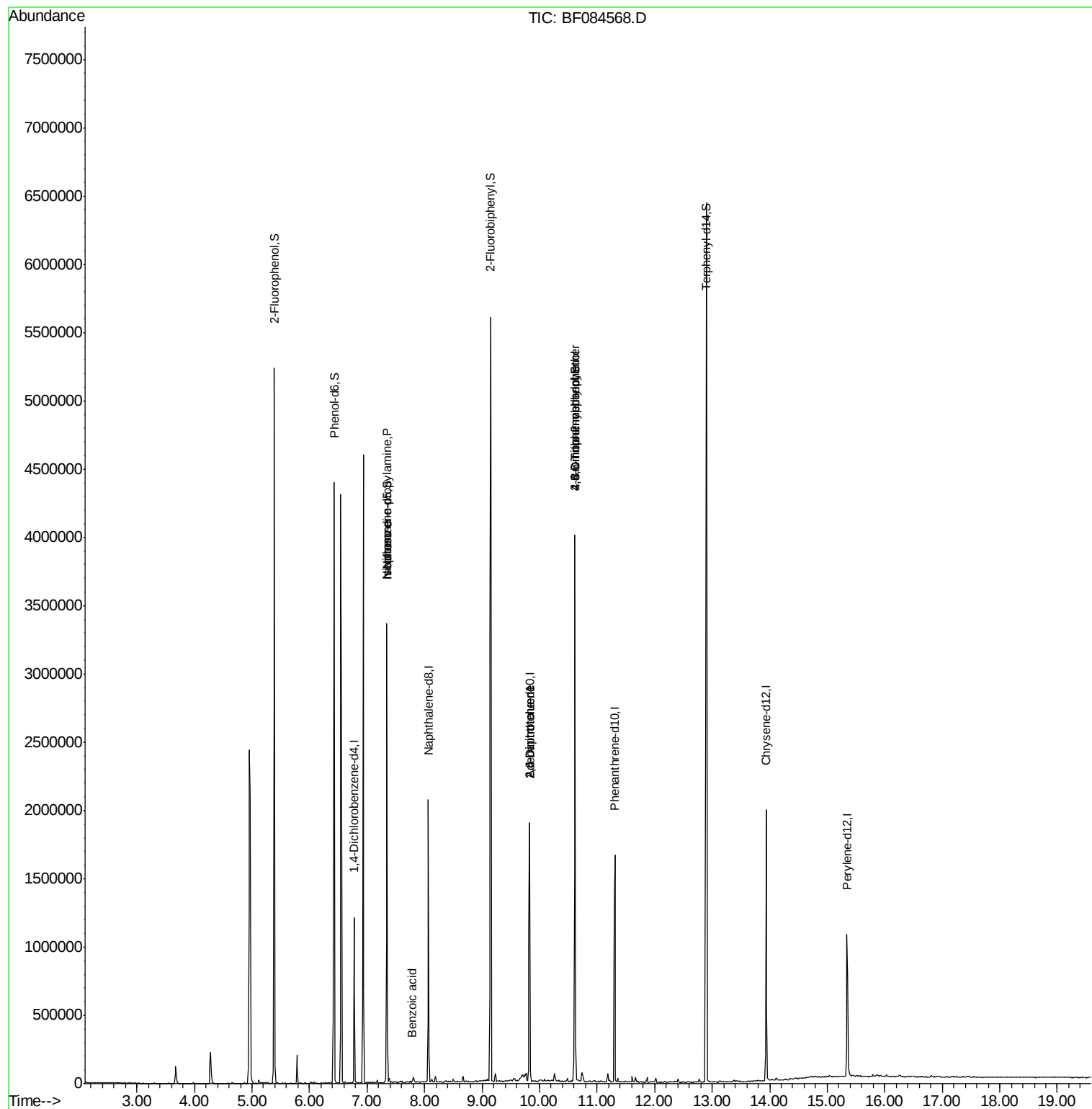
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	212569	20.00	ng	-0.06
21) Naphthalene-d8	8.06	136	890315	20.00	ng	-0.06
38) Acenaphthene-d10	9.82	164	448900	20.00	ng	-0.05
63) Phenanthrene-d10	11.31	188	838122	20.00	ng	-0.05
75) Chrysene-d12	13.94	240	697214	20.00	ng	-0.06
86) Perylene-d12	15.35	264	531122	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1561328	118.80	ng	-0.05
7) Phenol-d6	6.43	99	2023959	122.62	ng	-0.05
23) Nitrobenzene-d5	7.34	82	1095328	68.47	ng	-0.06
41) 2,4,6-Tribromophenol	10.61	330	476158	105.07	ng	-0.06
44) 2-Fluorobiphenyl	9.15	172	2153889	84.36	ng	-0.05
78) Terphenyl-d14	12.90	244	2011942	64.41	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	153280	13.72	ng	# 71
25) Isophorone	7.34	82	844302	27.60	ng	# 66
32) Benzoic acid	7.78	122	258	6.27	ng	92
50) 2,6-Dinitrotoluene	9.82	165	56270	7.99	ng	# 38
54) Dibenzofuran	9.87	168	219	Below Cal	#	45
56) 2,4-Dinitrotoluene	9.82	165	56270	6.32	ng	# 22
57) Fluorene	10.61	166	23149	Below Cal	#	89
64) 4,6-Dinitro-2-methylphenol	10.61	198	1428	6.63	ng	# 1
66) 4-Bromophenyl-phenylether	10.61	248	32550	3.61	ng	# 1
73) Di-n-butylphthalate	11.87	149	18729	Below Cal		97

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

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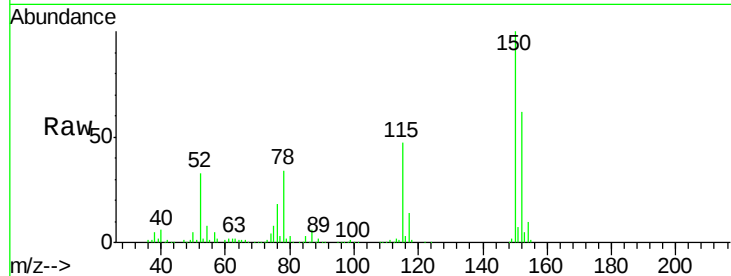


#1

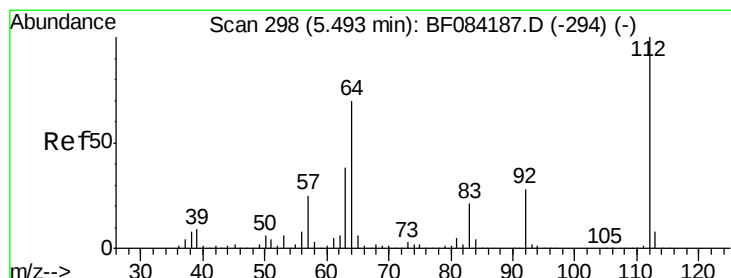
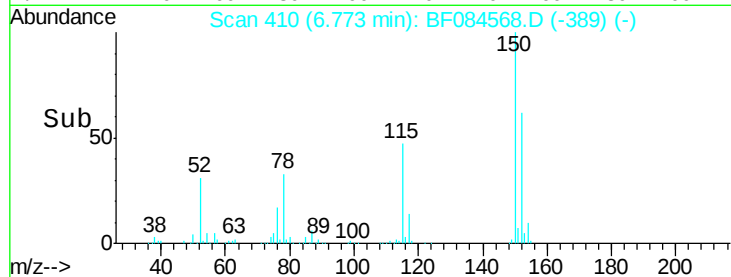
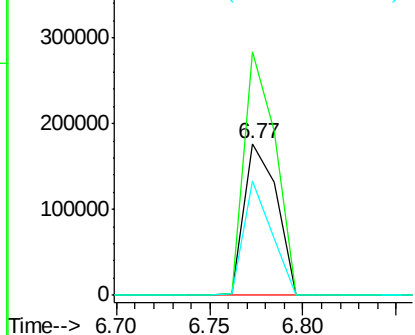
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.06 min
Lab File: BF084568.D
Acq: 20 Jan 2016 16:54

Instrument :
BNA_F
ClientSampleId :
PB87882BL

Tgt Ion:152 Resp: 212569
Ion Ratio Lower Upper
152 100
150 160.6 123.0 184.4
115 75.5 51.4 77.2



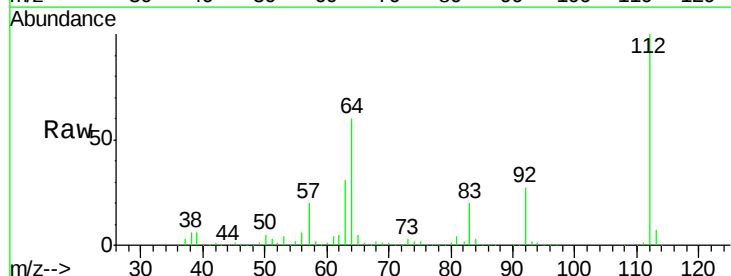
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



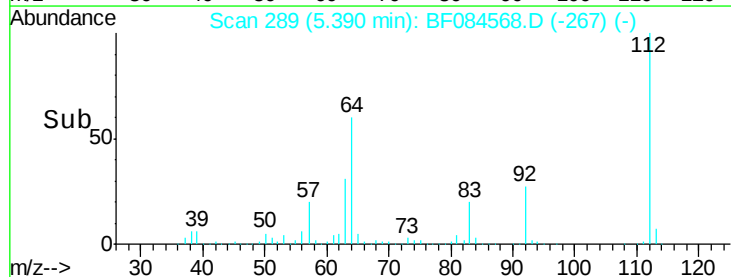
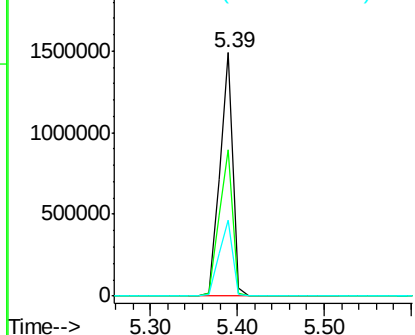
#5

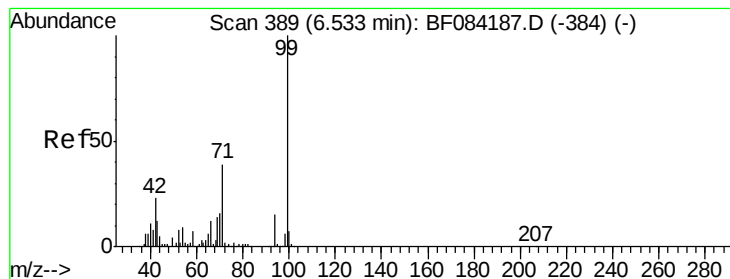
2-Fluorophenol
Concen: 118.80 ng
RT: 5.39 min Scan# 289
Delta R.T. -0.05 min
Lab File: BF084568.D
Acq: 20 Jan 2016 16:54

Tgt Ion:112 Resp: 1561328
Ion Ratio Lower Upper
112 100
64 59.9 36.6 55.0#
63 31.1 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: 122.62 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.05 min

Lab File: BF084568.D

Acq: 20 Jan 2016 16:54

Instrument :

BNA_F

ClientSampleId :

PB87882BL

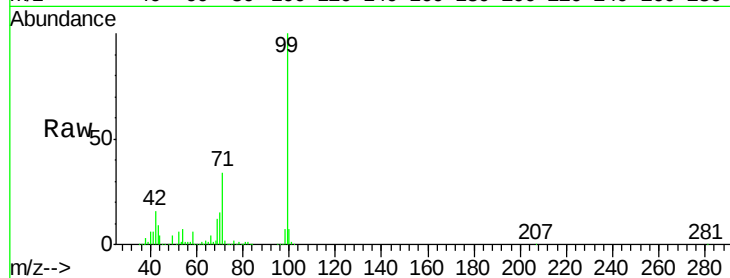
Tgt Ion: 99 Resp: 2023959

Ion Ratio Lower Upper

99 100

42 16.3 12.8 19.2

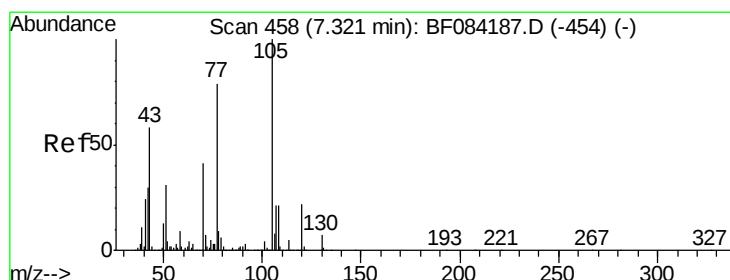
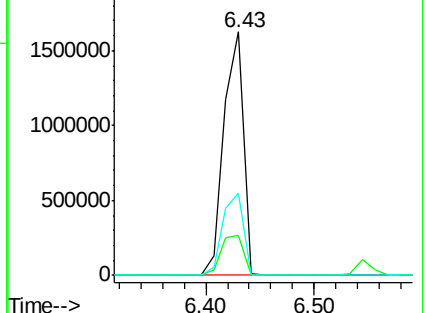
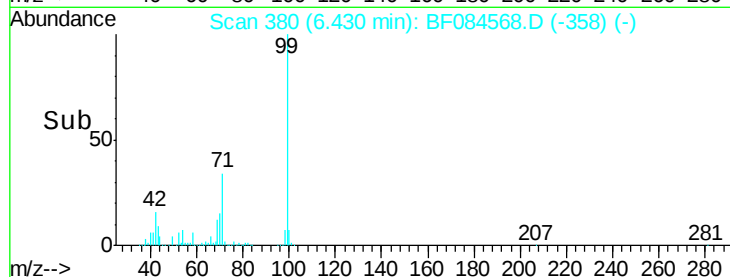
71 33.9 30.9 46.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.72 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.09 min

Lab File: BF084568.D

Acq: 20 Jan 2016 16:54

Tgt Ion: 70 Resp: 153280

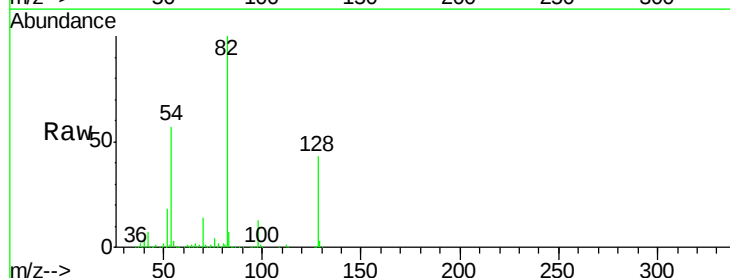
Ion Ratio Lower Upper

70 100

42 49.8 33.3 49.9

101 0.0 9.3 13.9#

130 1.9 23.4 35.0#

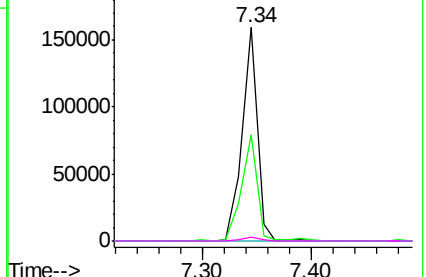
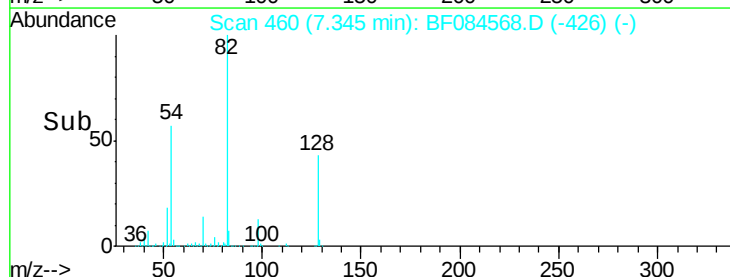


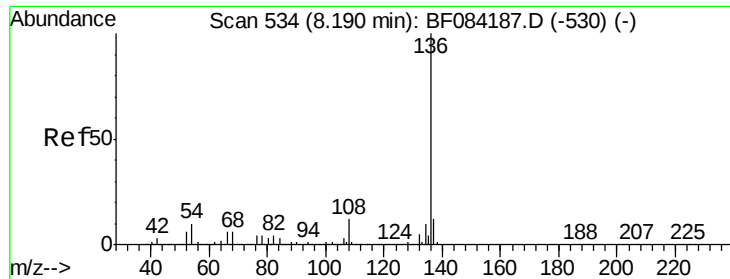
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

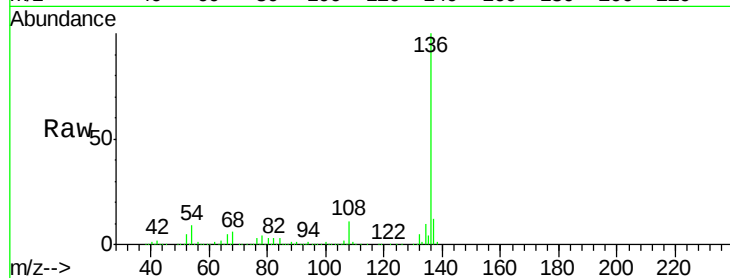




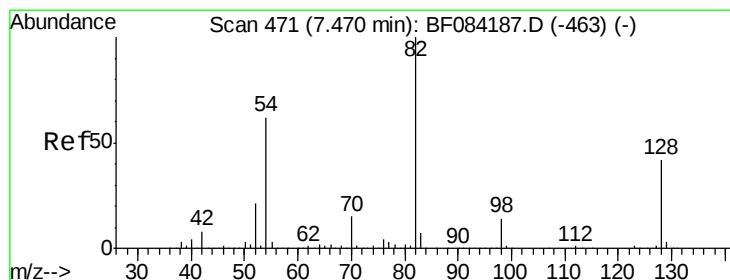
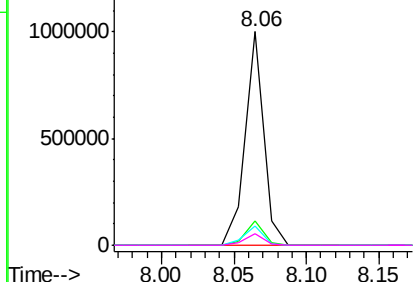
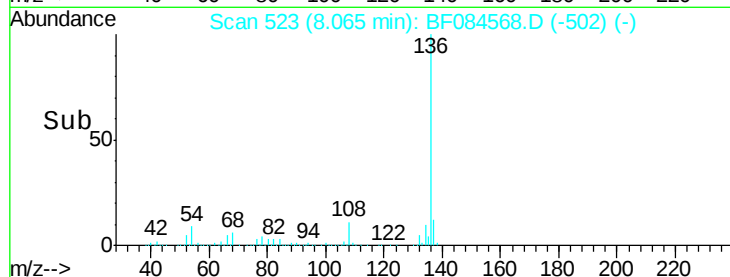
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.06 min
Lab File: BF084568.D
Acq: 20 Jan 2016 16:54

Instrument :
BNA_F
ClientSampleId :
PB87882BL

Tgt Ion:	136	Resp:	890315
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	8.9	5.8	8.8#
68	5.5	4.2	6.2

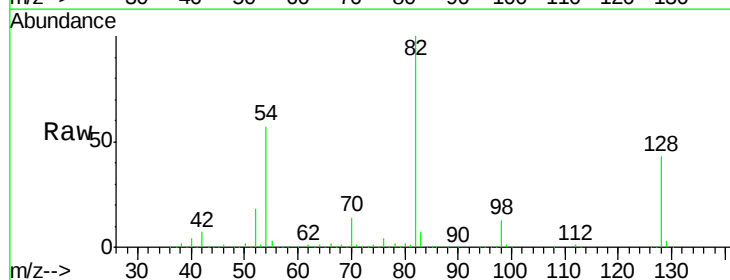


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

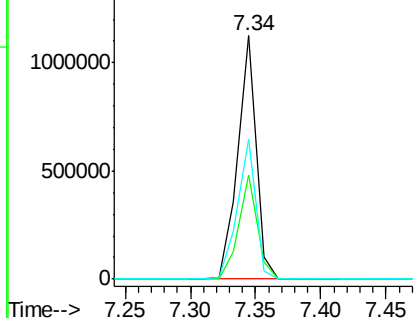
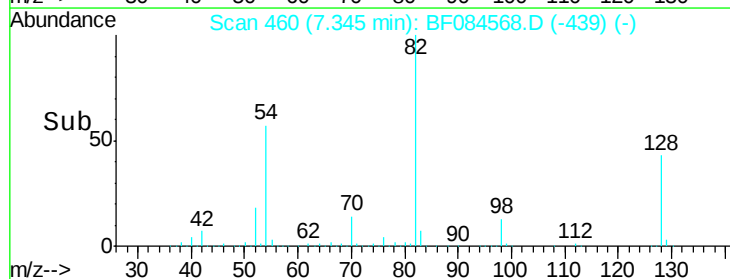


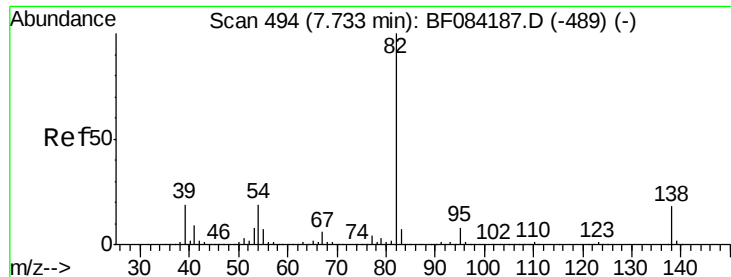
#23
Nitrobenzene-d5
Concen: 68.47 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.06 min
Lab File: BF084568.D
Acq: 20 Jan 2016 16:54

Tgt Ion:	82	Resp:	1095328
Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.6	51.8
54	57.5	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





#25

Isophorone

Concen: 27.60 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.32 min

Lab File: BF084568.D

Acq: 20 Jan 2016 16:54

Instrument :

BNA_F

ClientSampleId :

PB87882BL

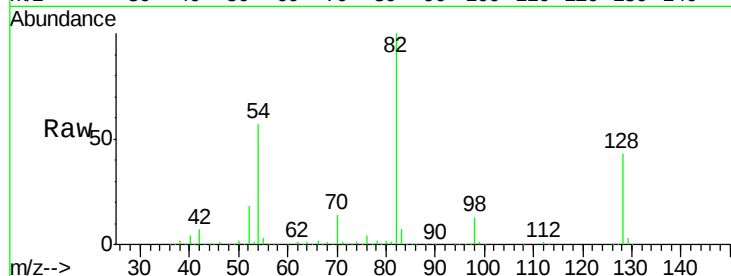
Tgt Ion: 82 Resp: 844302

Ion Ratio Lower Upper

82 100

95 0.0 6.6 10.0#

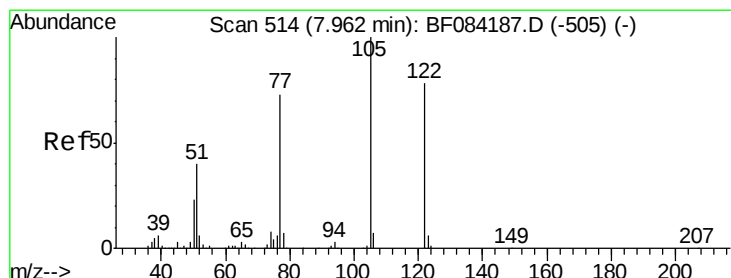
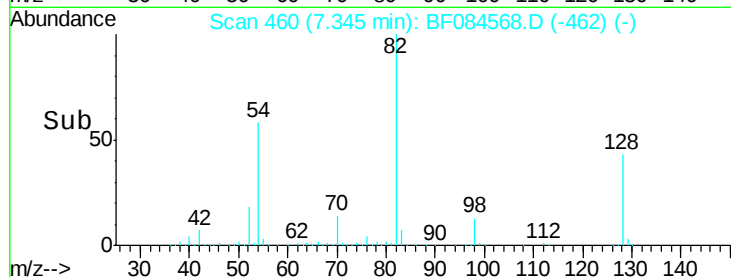
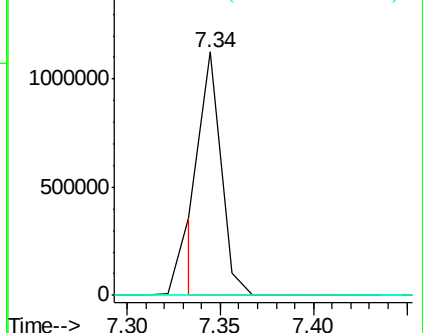
138 0.0 13.6 20.4#



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



#32

Benzoic acid

Concen: 6.27 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.11 min

Lab File: BF084568.D

Acq: 20 Jan 2016 16:54

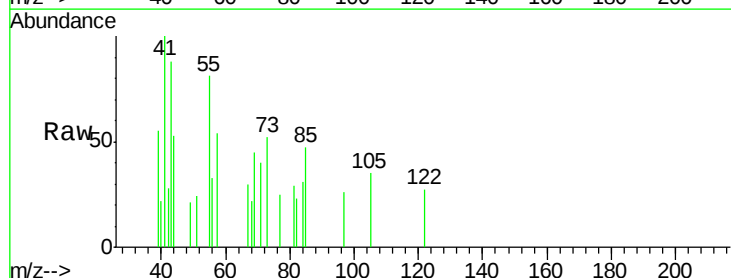
Tgt Ion: 122 Resp: 258

Ion Ratio Lower Upper

122 100

105 129.3 100.3 140.3

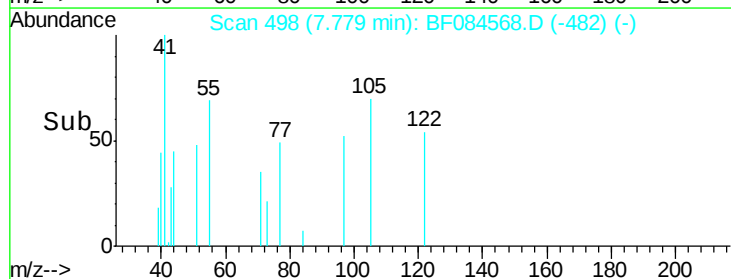
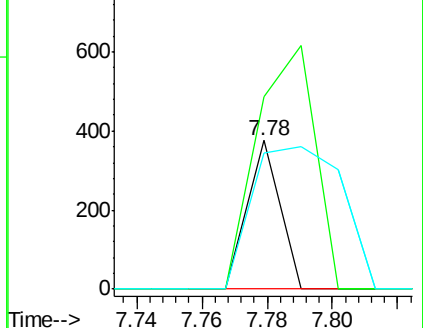
77 91.8 63.5 103.5

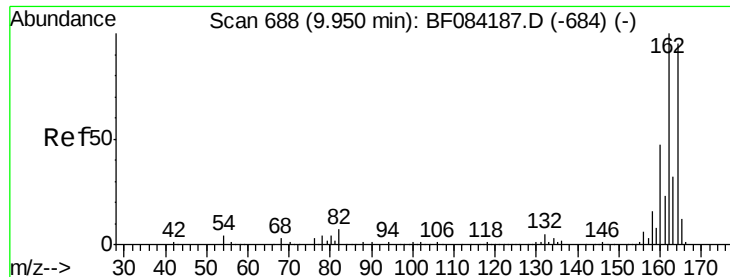


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.05 min

Lab File: BF084568.D

Acq: 20 Jan 2016 16:54

Instrument :

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ClientSampleId :

PB87882BL

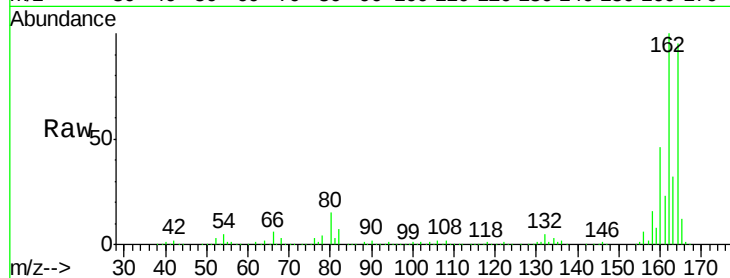
Tgt Ion:164 Resp: 448900

Ion Ratio Lower Upper

164 100

162 105.2 85.1 127.7

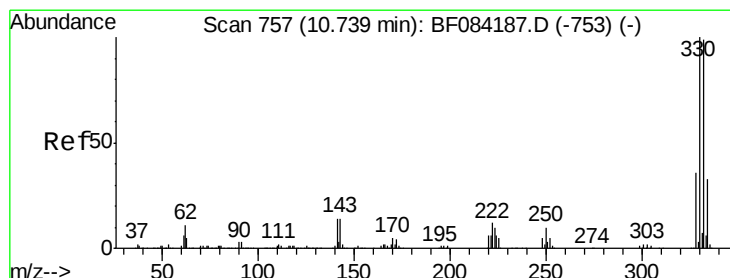
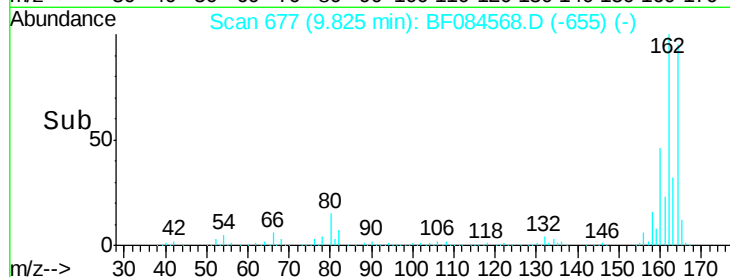
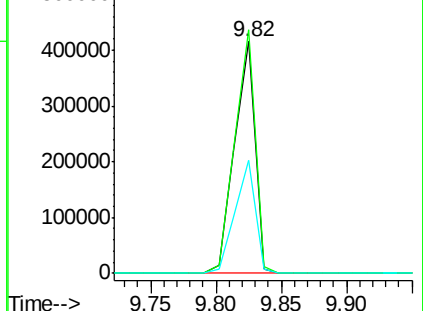
160 48.7 37.5 56.3



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: 105.07 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.06 min

Lab File: BF084568.D

Acq: 20 Jan 2016 16:54

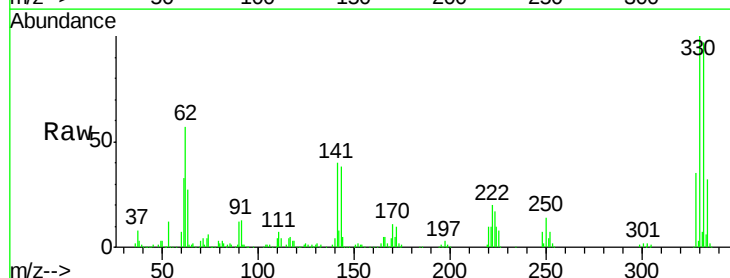
Tgt Ion:330 Resp: 476158

Ion Ratio Lower Upper

330 100

332 95.8 76.6 114.8

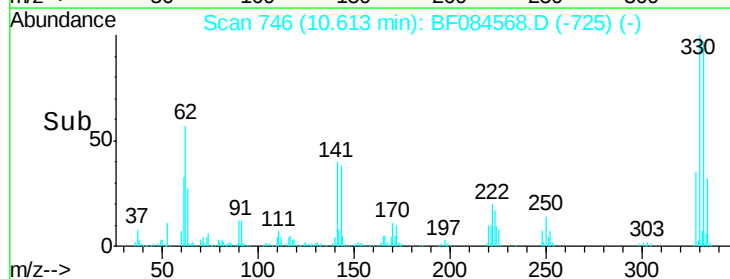
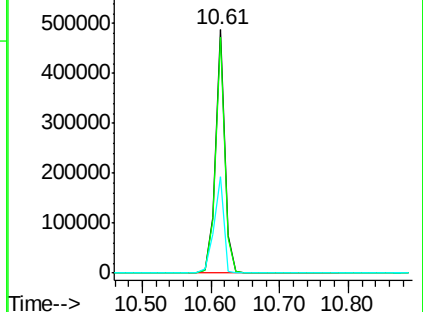
141 41.8 27.8 41.6#

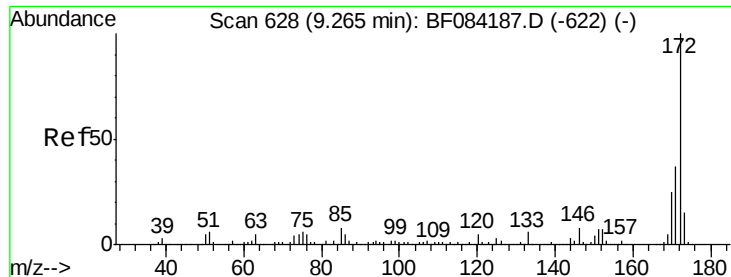


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

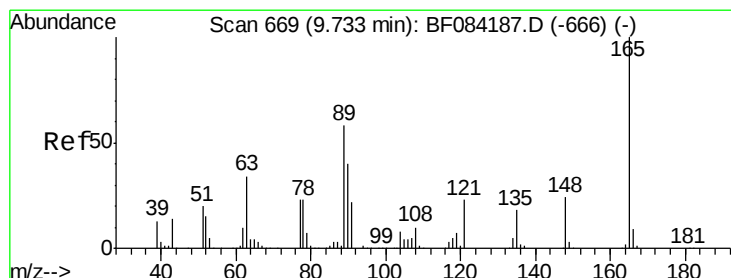
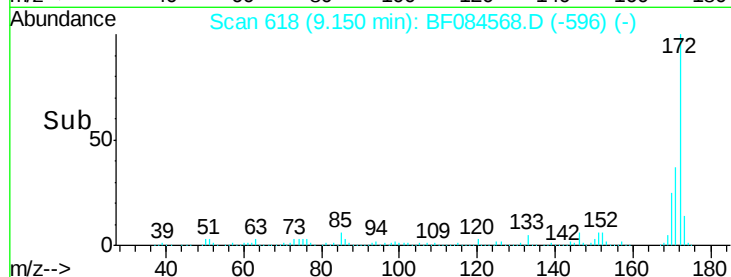
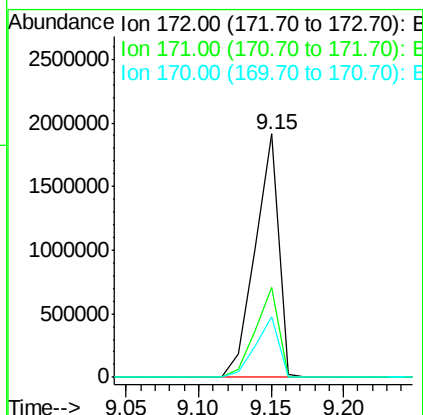
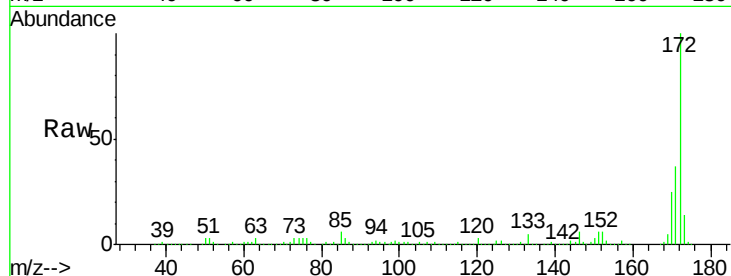




#44
 2-Fluorobiphenyl
 Concen: 84.36 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.05 min
 Lab File: BF084568.D
 Acq: 20 Jan 2016 16:54

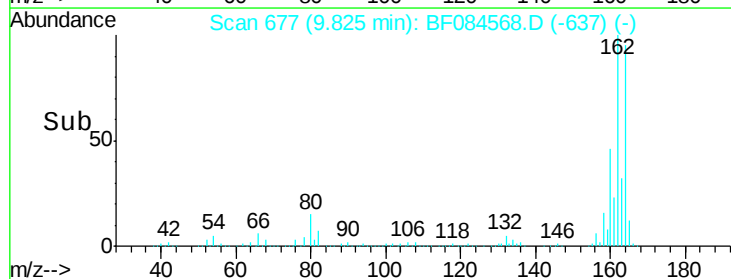
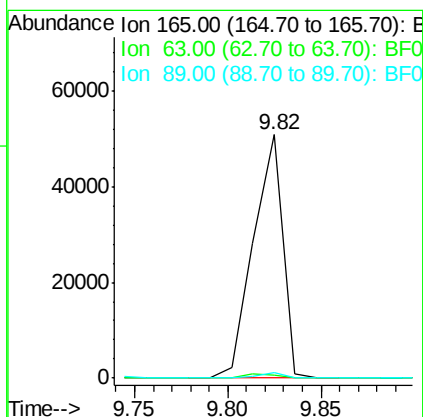
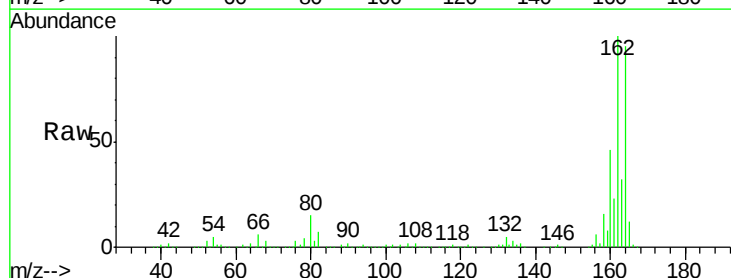
Instrument :
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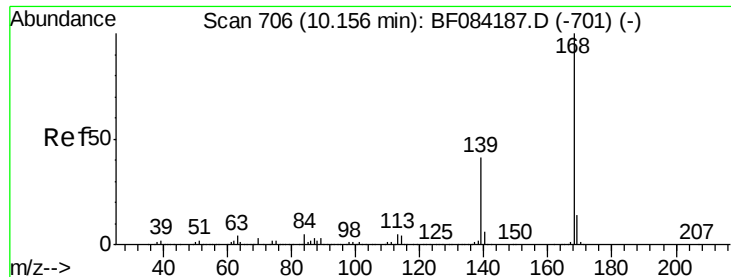
Tgt Ion:172 Resp: 2153889
 Ion Ratio Lower Upper
 172 100
 171 37.2 28.9 43.3
 170 25.1 18.6 27.8



#50
 2,6-Dinitrotoluene
 Concen: 7.99 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.16 min
 Lab File: BF084568.D
 Acq: 20 Jan 2016 16:54

Tgt Ion:165 Resp: 56270
 Ion Ratio Lower Upper
 165 100
 63 1.1 28.8 43.2#
 89 2.4 35.1 52.7#





#54

Dibenzofuran

Concen: Below Cal

RT: 9.87 min Scan# 681

Delta R.T. -0.21 min

Lab File: BF084568.D

Acq: 20 Jan 2016 16:54

Instrument :

BNA_F

ClientSampleId :

PB87882BL

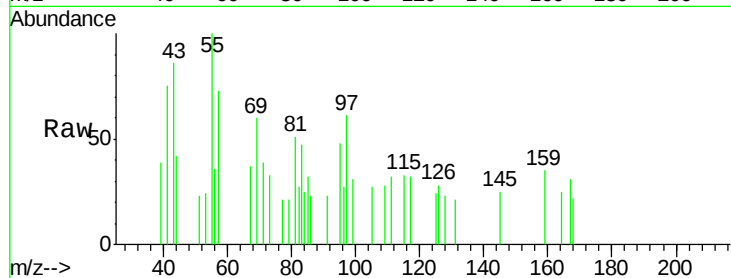
Tgt Ion:168 Resp: 219

Ion Ratio Lower Upper

168 100

139 0.0 30.5 45.7#

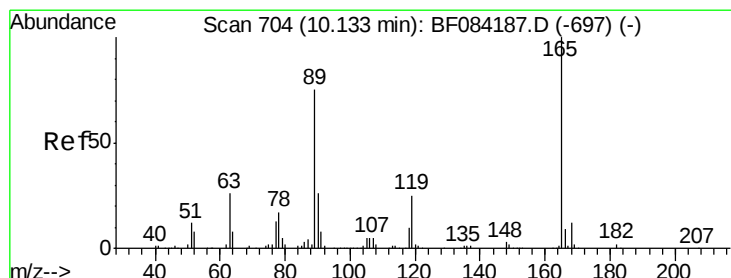
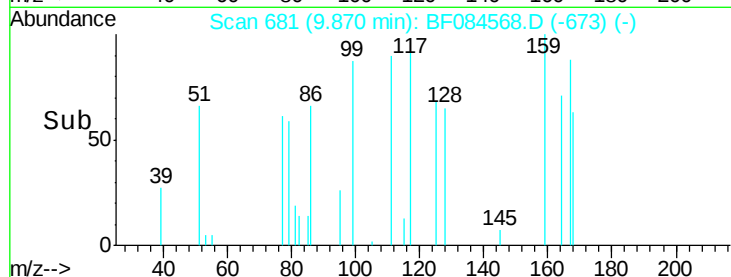
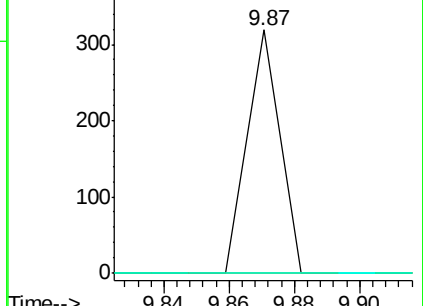
169 0.0 10.4 15.6#



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: 6.32 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.24 min

Lab File: BF084568.D

Acq: 20 Jan 2016 16:54

Tgt Ion:165 Resp: 56270

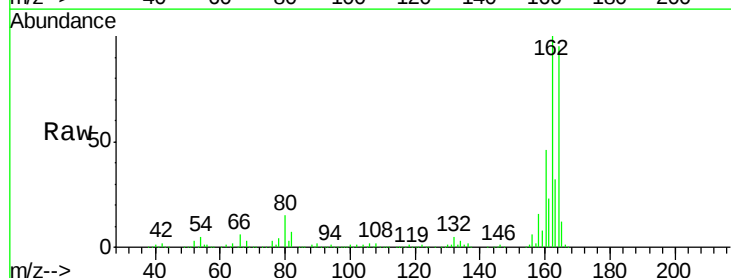
Ion Ratio Lower Upper

165 100

63 1.1 36.7 55.1#

89 2.4 61.9 92.9#

182 0.0 2.0 3.0#

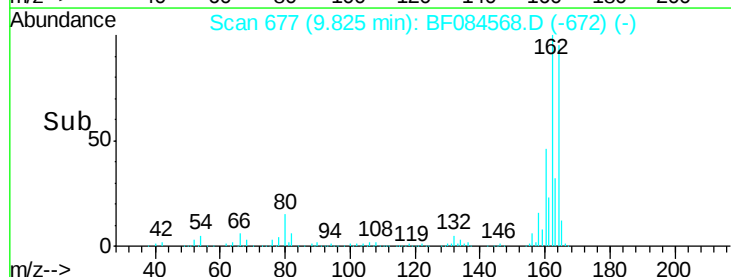
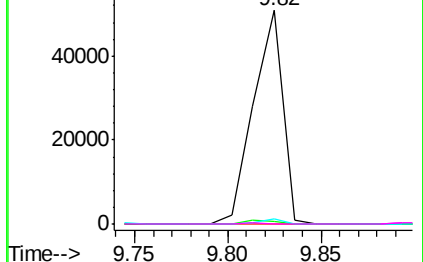


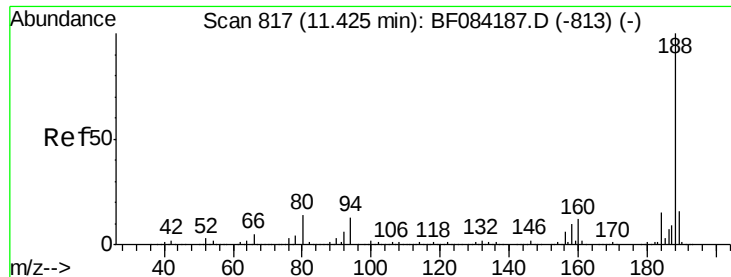
Abundance Ion 165.00 (164.70 to 165.70): E

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

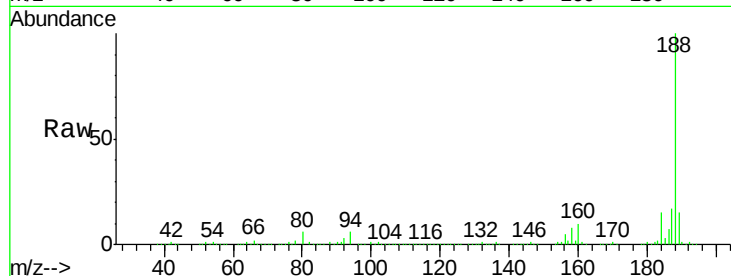




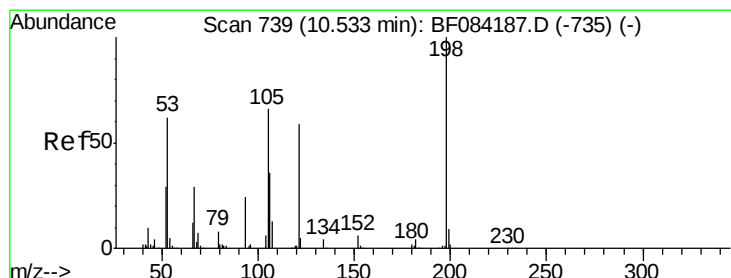
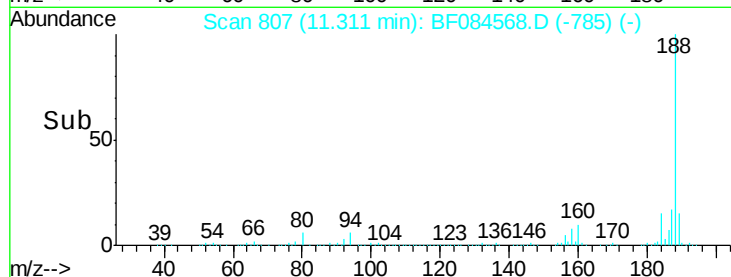
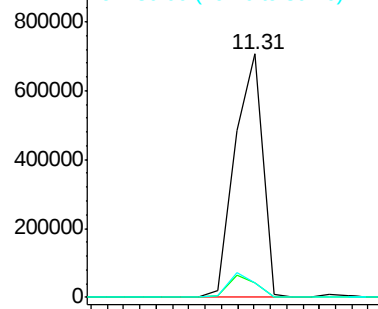
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.05 min
Lab File: BF084568.D
Acq: 20 Jan 2016 16:54

Instrument :
BNA_F
ClientSampleId :
PB87882BL

Tgt Ion:188 Resp: 838122
Ion Ratio Lower Upper
188 100
94 6.0 9.0 13.4#
80 5.9 9.6 14.4#

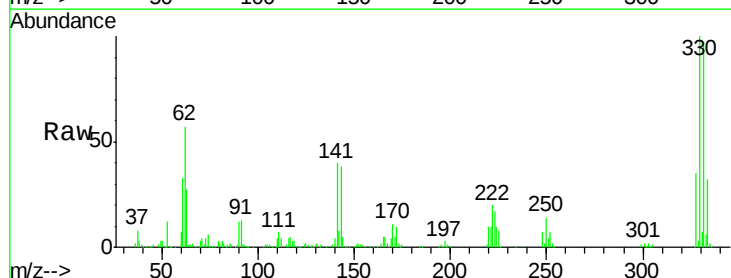


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

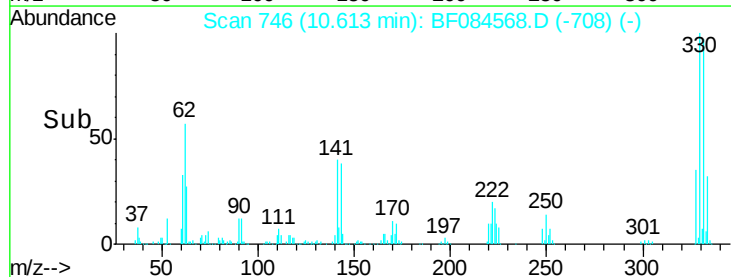
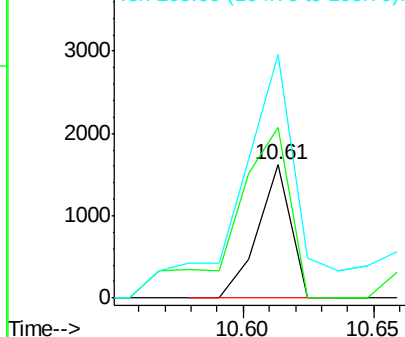


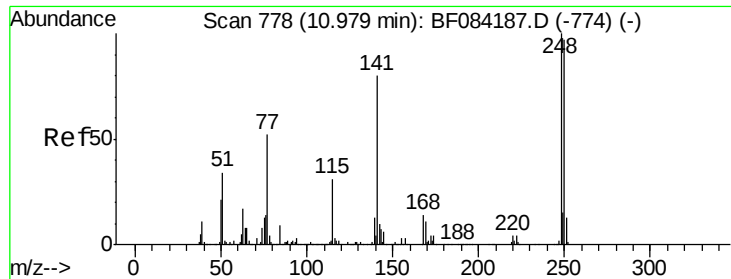
#64
4,6-Dinitro-2-methylphenol
Concen: 6.63 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.14 min
Lab File: BF084568.D
Acq: 20 Jan 2016 16:54

Tgt Ion:198 Resp: 1428
Ion Ratio Lower Upper
198 100
51 127.8 18.9 58.9#
105 182.9 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

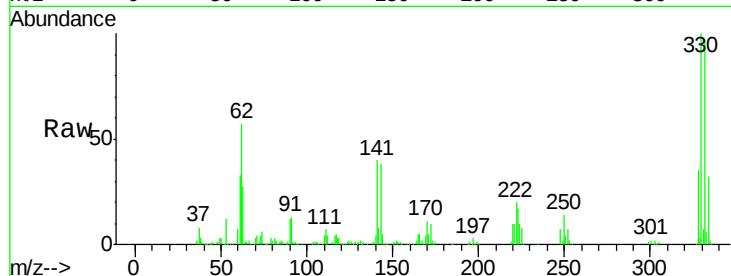




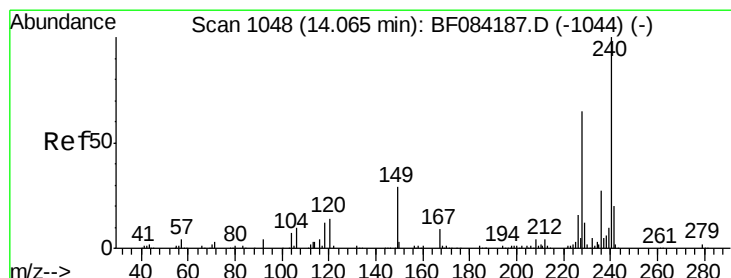
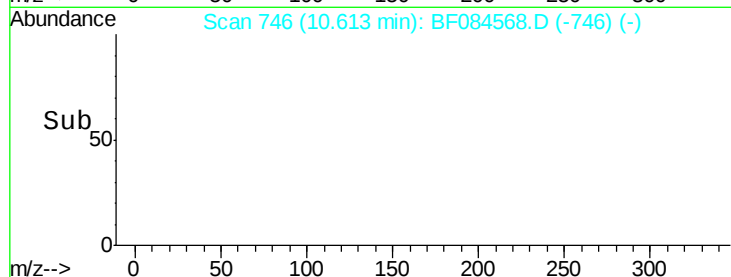
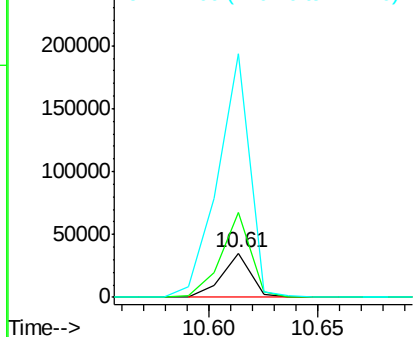
#66
 4-Bromophenyl-phenylether
 Concen: 3.61 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.30 min
 Lab File: BF084568.D
 Acq: 20 Jan 2016 16:54

Instrument :
 BNA_F
 ClientSampleId :
 PB87882BL

Tgt Ion:248 Resp: 32550
 Ion Ratio Lower Upper
 248 100
 250 193.7 78.4 117.6#
 141 553.0 44.0 66.0#

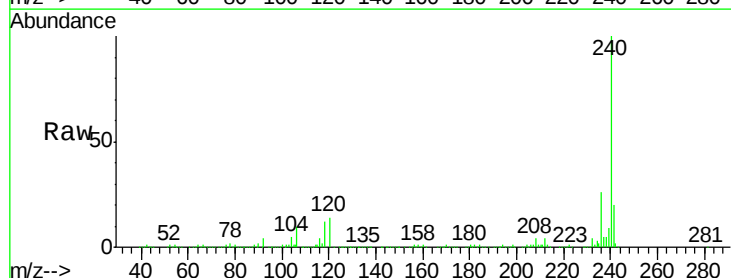


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

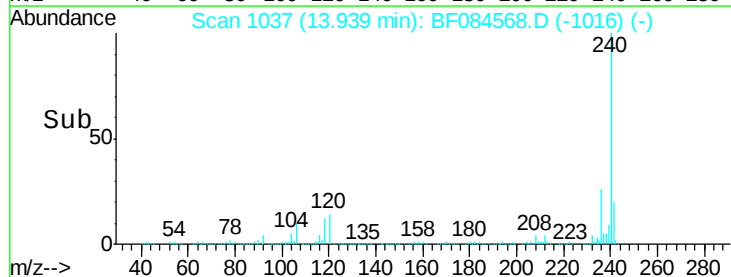
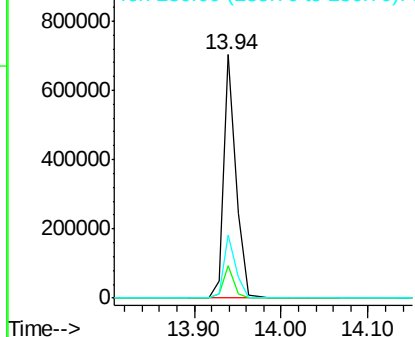


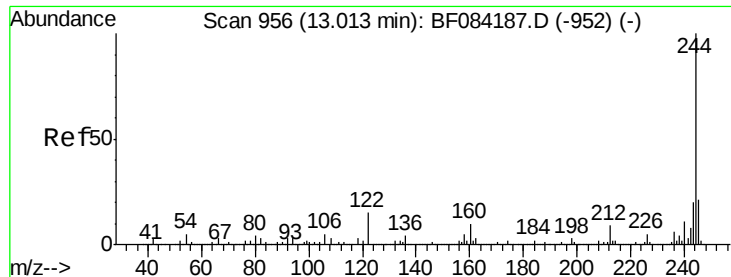
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.06 min
 Lab File: BF084568.D
 Acq: 20 Jan 2016 16:54

Tgt Ion:240 Resp: 697214
 Ion Ratio Lower Upper
 240 100
 120 13.6 9.5 14.3
 236 25.8 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

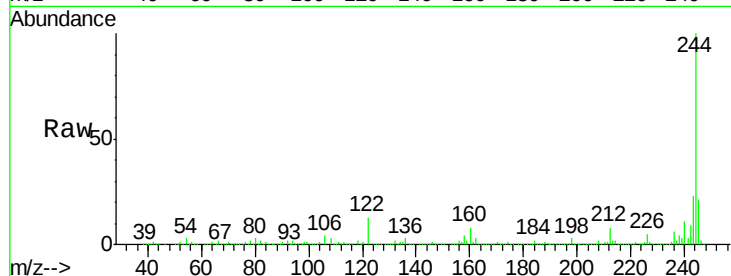




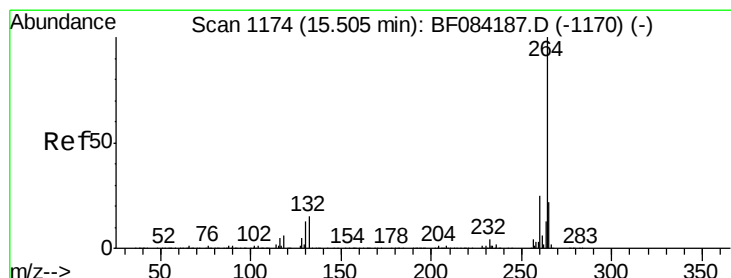
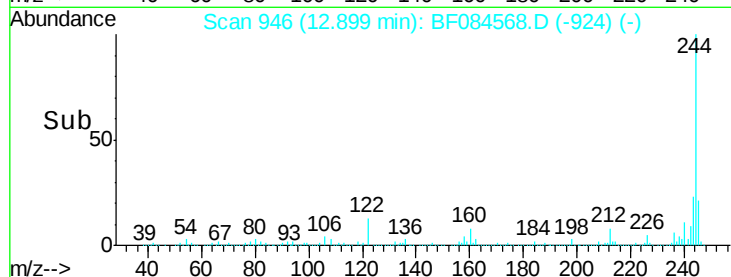
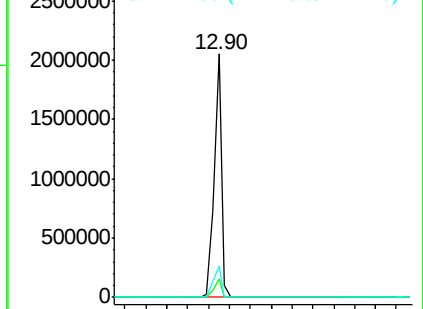
#78
 Terphenyl-d14
 Concen: 64.41 ng
 RT: 12.90 min Scan# 946
 Delta R.T. -0.05 min
 Lab File: BF084568.D
 Acq: 20 Jan 2016 16:54

Instrument :
 BNA_F
 ClientSampled :
 PB87882BL

Tgt Ion:244 Resp: 2011942
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.7 8.5
 122 12.8 7.4 11.0#

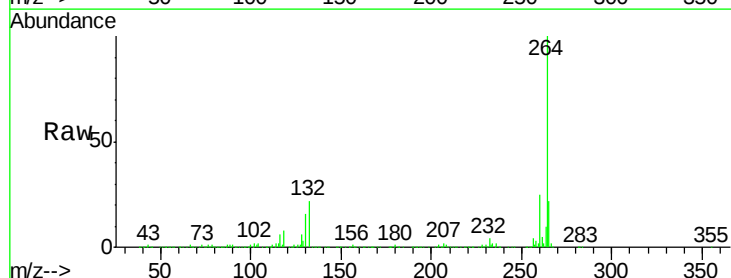


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1160
 Delta R.T. -0.07 min
 Lab File: BF084568.D
 Acq: 20 Jan 2016 16:54

Tgt Ion:264 Resp: 531122
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.2
 265 21.6 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

