

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
 Data File : BF084407.D
 Acq On : 12 Jan 2016 4:36
 Operator : SJ/UM
 Sample : H1067-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 207TH-ST-FIELDBLANK1-1-5-16

Quant Time: Jan 12 05:50:25 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	6.85	152	412136	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1612022	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	705930	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	1196509	20.00	ng	-0.05
75) Chrysene-d12	14.01	240	741860	20.00	ng	-0.06
86) Perylene-d12	15.44	264	653942	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	1602953	62.91	ng	-0.03
7) Phenol-d6	6.50	99	1390534	43.45	ng	-0.03
23) Nitrobenzene-d5	7.42	82	2534942	87.52	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	851956	119.54	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	3335792	82.98	ng	-0.05
78) Terphenyl-d14	12.97	244	2734019	82.26	ng	-0.05

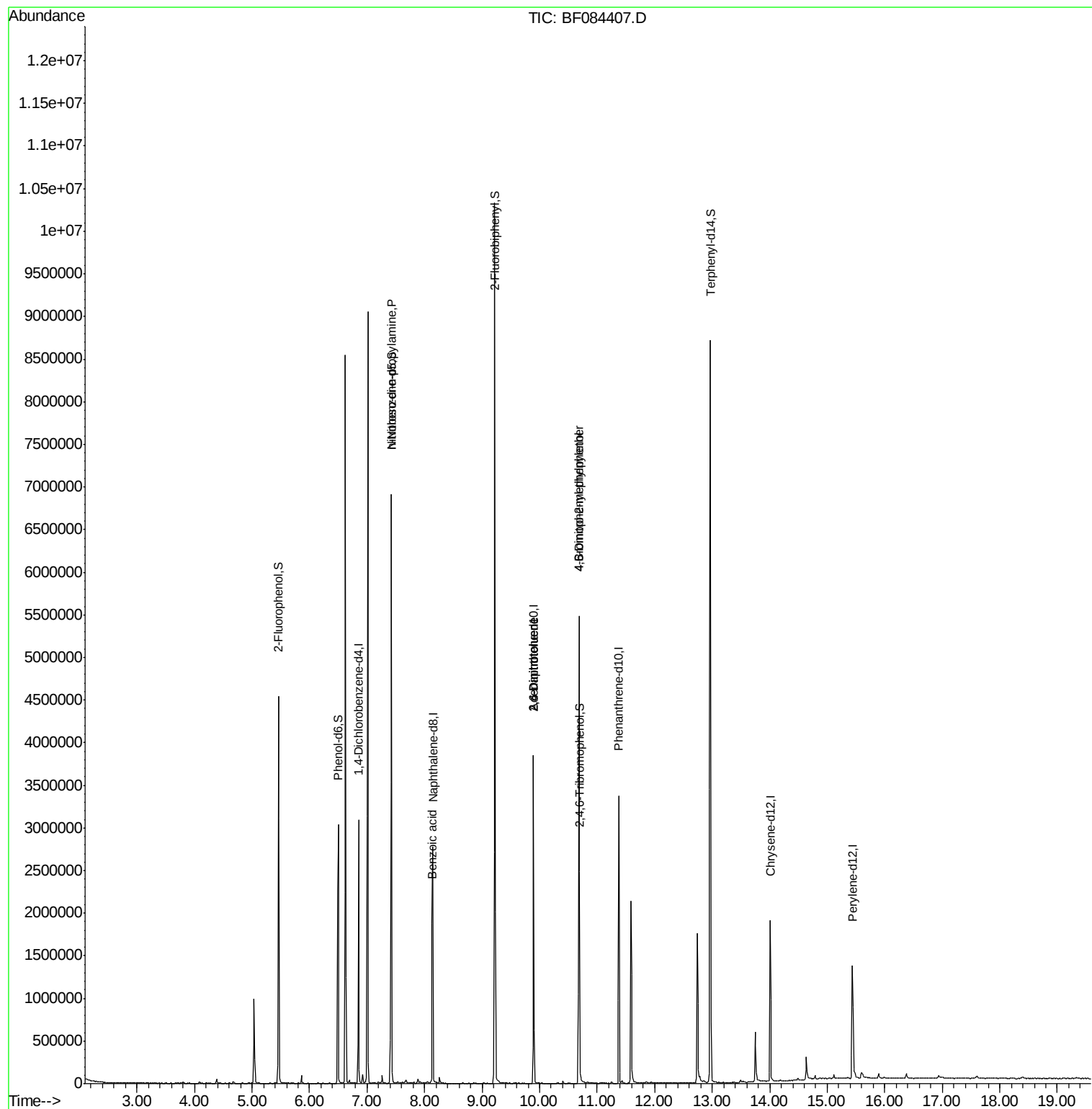
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	366915	16.94	ng	# 74
32) Benzoic acid	8.13	122	252	6.26	ng	# 1
50) 2,6-Dinitrotoluene	9.89	165	93473	8.44	ng	# 37
54) Dibenzofuran	10.10	168	206	Below Cal		# 45
56) 2,4-Dinitrotoluene	9.89	165	93479	6.67	ng	# 21
57) Fluorene	10.68	166	33334	Below Cal		# 90
64) 4,6-Dinitro-2-methylphenol	10.68	198	1447	6.57	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	48976	3.80	ng	# 1
73) Di-n-butylphthalate	11.94	149	5791	Below Cal		# 94

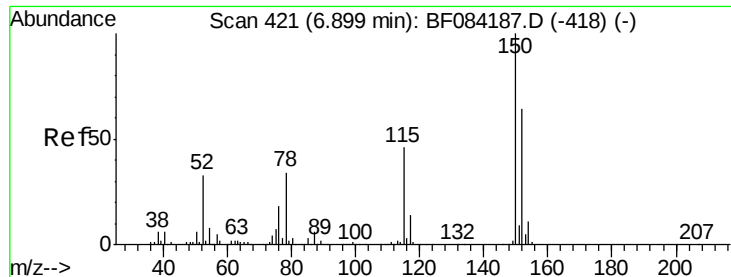
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.05 min

Lab File: BF084407.D

Acq: 12 Jan 2016 4:36

Instrument :

BNA_F

ClientSampleId :

207TH-ST-FIELDBLANK1-1-5-16

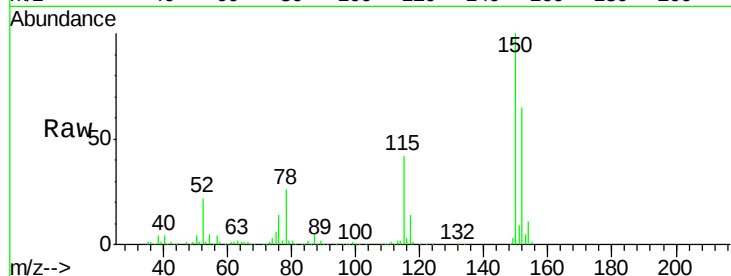
Tgt Ion:152 Resp: 412136

Ion Ratio Lower Upper

152 100

150 154.2 123.0 184.4

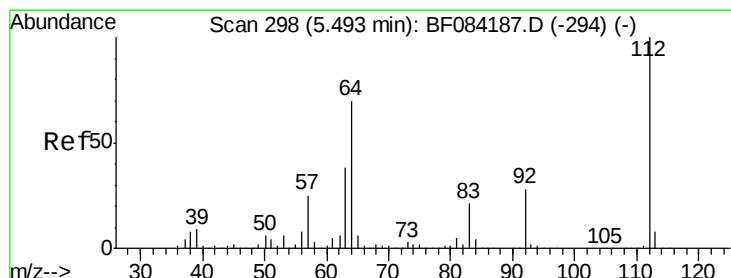
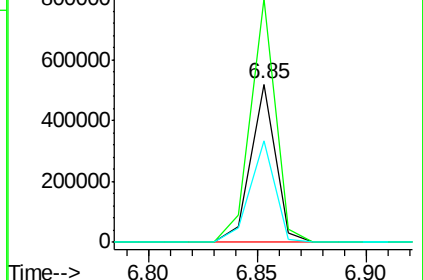
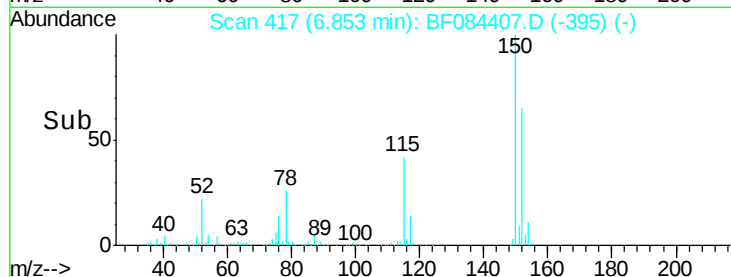
115 64.4 51.4 77.2



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: 62.91 ng

RT: 5.46 min Scan# 295

Delta R.T. -0.03 min

Lab File: BF084407.D

Acq: 12 Jan 2016 4:36

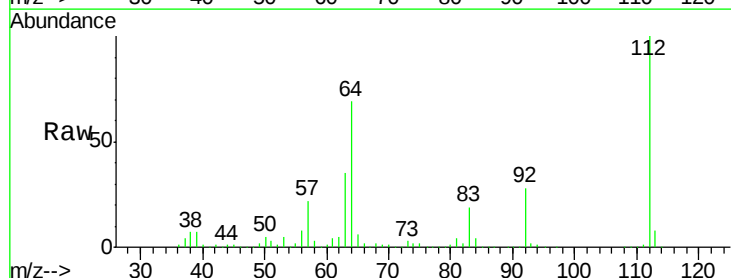
Tgt Ion:112 Resp: 1602953

Ion Ratio Lower Upper

112 100

64 69.0 36.6 55.0#

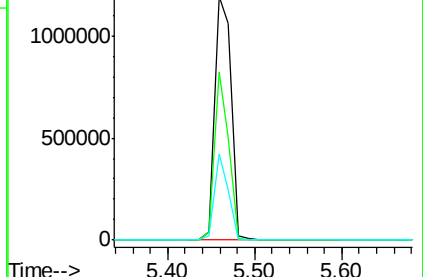
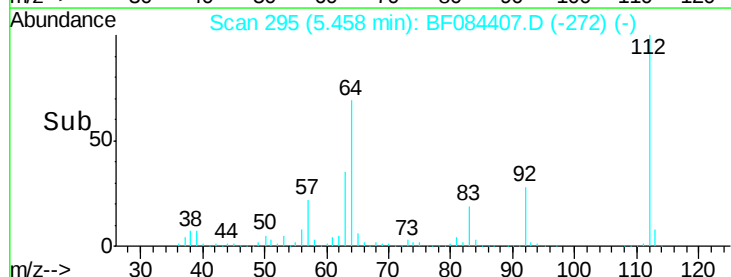
63 35.2 19.4 29.0#

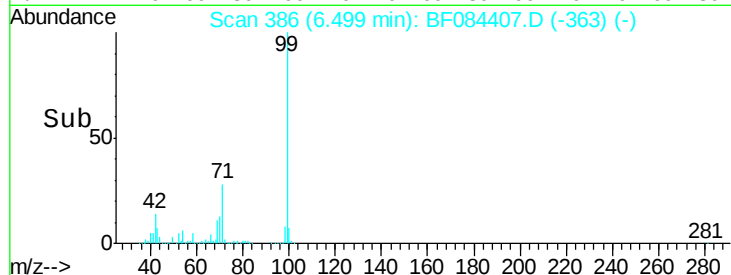
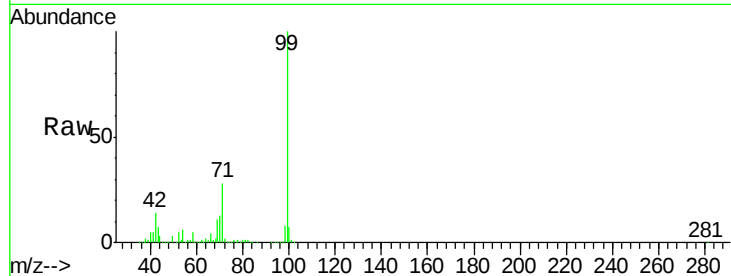
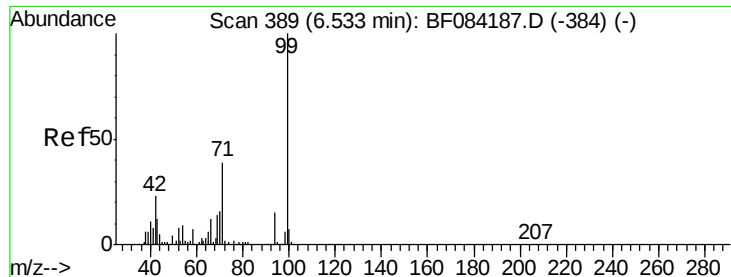


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.45 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF084407.D

Acq: 12 Jan 2016 4:36

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ClientSampleId :

207TH-ST-FIELDBLANK1-1-5-16

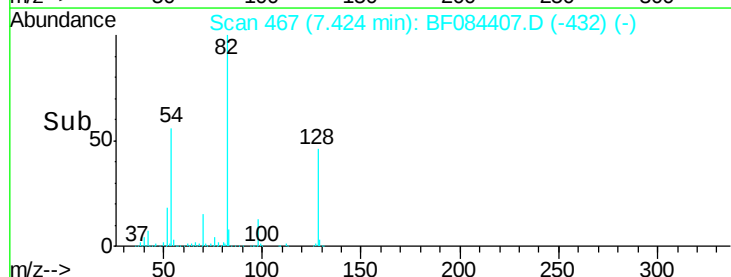
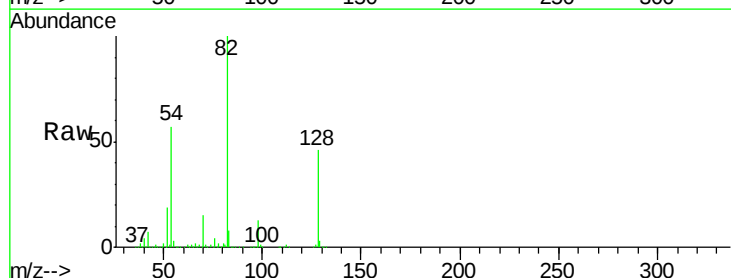
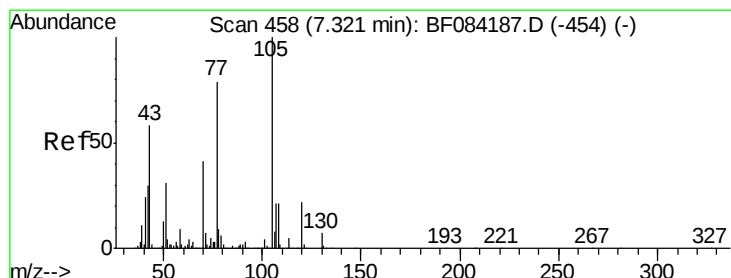
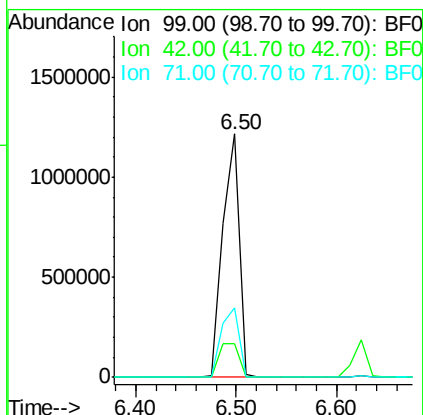
Tgt Ion: 99 Resp: 1390534

Ion Ratio Lower Upper

99 100

42 14.0 12.8 19.2

71 28.3 30.9 46.3#



#19

n-Nitroso-di-n-propylamine

Concen: 16.94 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.10 min

Lab File: BF084407.D

Acq: 12 Jan 2016 4:36

Tgt Ion: 70 Resp: 366915

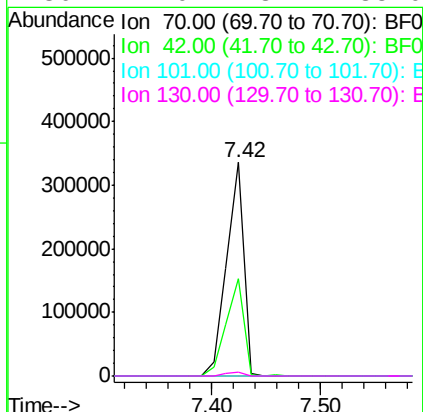
Ion Ratio Lower Upper

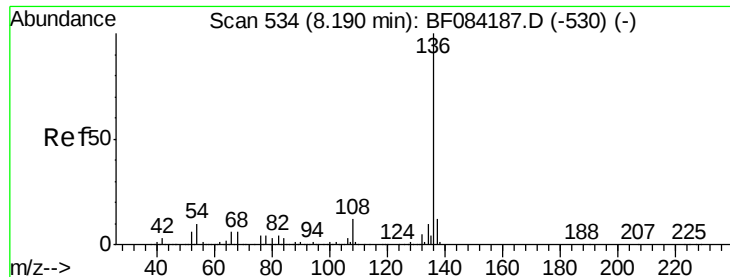
70 100

42 45.8 33.3 49.9

101 0.0 9.3 13.9#

130 2.0 23.4 35.0#

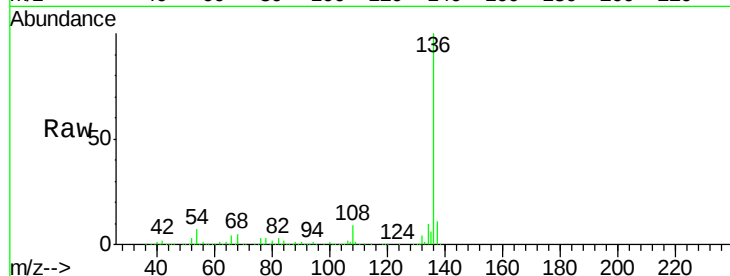




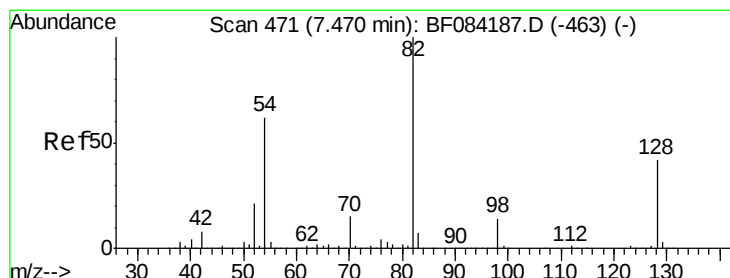
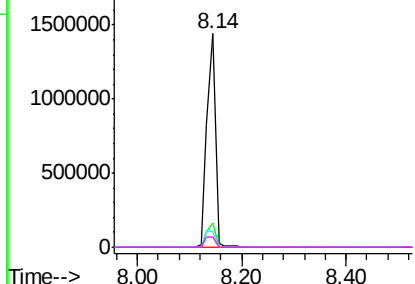
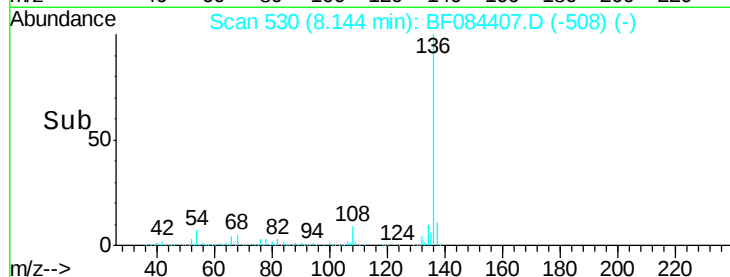
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF084407.D
Acq: 12 Jan 2016 4:36

Instrument :
BNA_F
ClientSampleId :
207TH-ST-FIELDBLANK1-1-5-16

Tgt Ion:136 Resp: 1612022
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 7.0 5.8 8.8
68 4.8 4.2 6.2

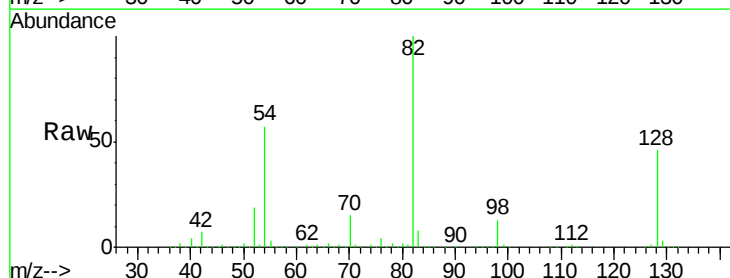


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

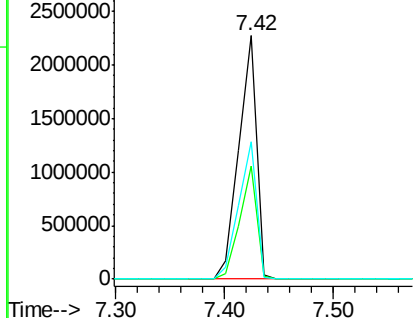
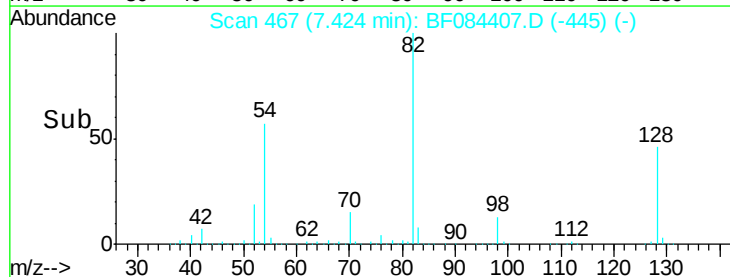


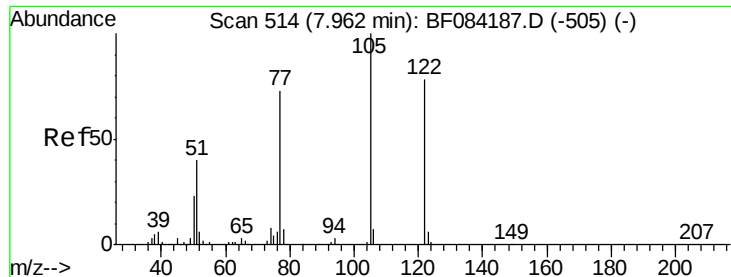
#23
Nitrobenzene-d5
Concen: 87.52 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.05 min
Lab File: BF084407.D
Acq: 12 Jan 2016 4:36

Tgt Ion: 82 Resp: 2534942
Ion Ratio Lower Upper
82 100
128 46.2 34.6 51.8
54 56.5 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





#32

Benzoic acid

Concen: 6.26 ng

RT: 8.13 min Scan# 529

Delta R.T. 0.17 min

Lab File: BF084407.D

Acq: 12 Jan 2016 4:36

Instrument :

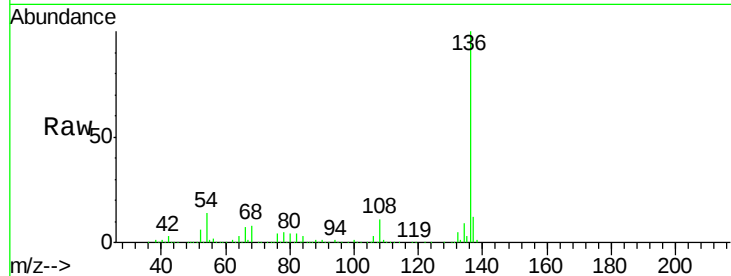
BNA_F

ClientSampleId :

207TH-ST-FIELDBLANK1-1-5-16

Tgt Ion:122 Resp: 252

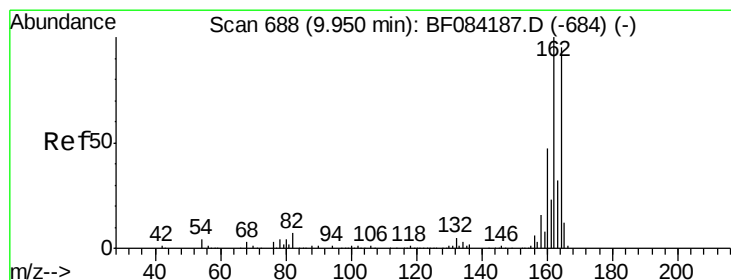
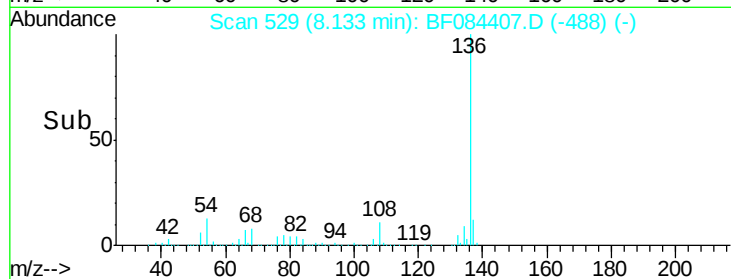
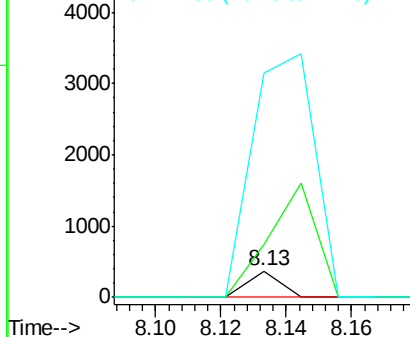
Ion	Ratio	Lower	Upper
122	100		
105	201.9	100.3	140.3#
77	856.4	63.5	103.5#



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: 9.89 min Scan# 683

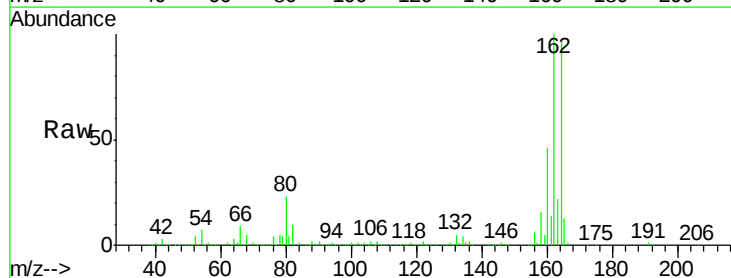
Delta R.T. -0.06 min

Lab File: BF084407.D

Acq: 12 Jan 2016 4:36

Tgt Ion:164 Resp: 705930

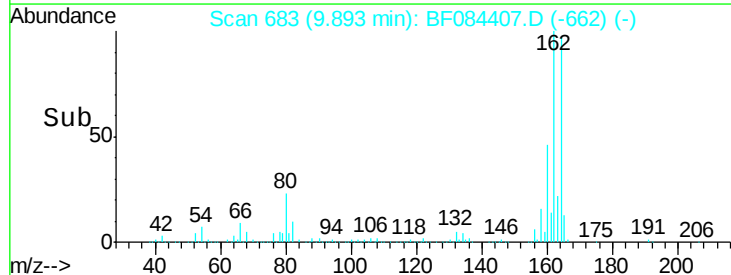
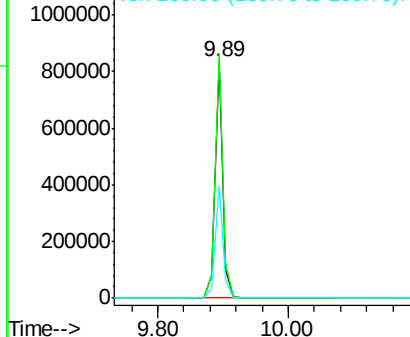
Ion	Ratio	Lower	Upper
164	100		
162	103.1	85.1	127.7
160	47.3	37.5	56.3

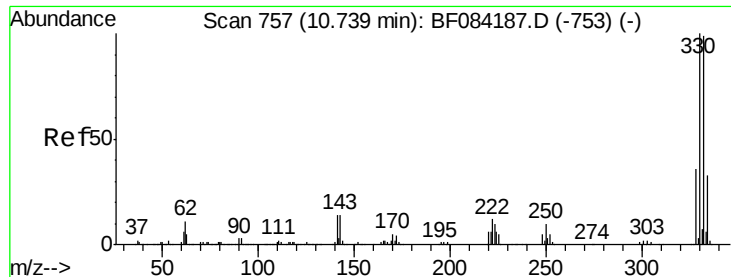


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

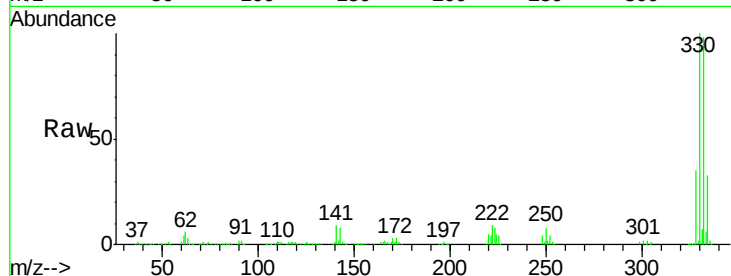




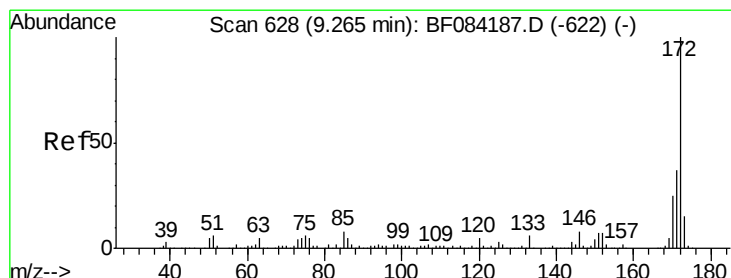
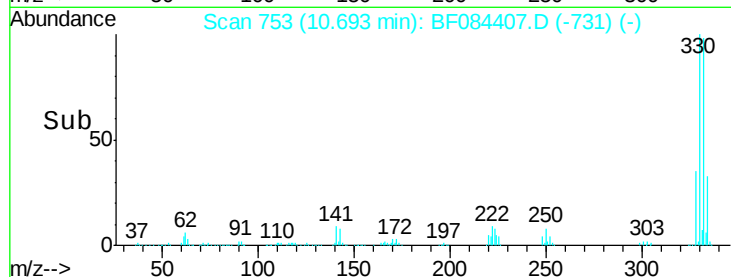
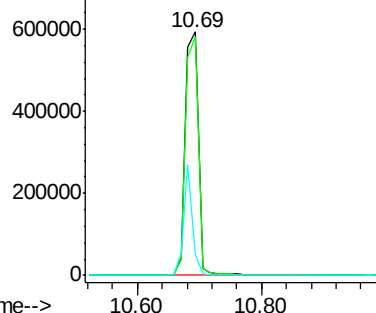
#41
 2,4,6-Tribromophenol
 Concen: 119.54 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.05 min
 Lab File: BF084407.D
 Acq: 12 Jan 2016 4:36

Instrument :
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 207TH-ST-FIELDBLANK1-1-5-16

Tgt Ion:330 Resp: 851956
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 114.8
 141 31.5 27.8 41.6

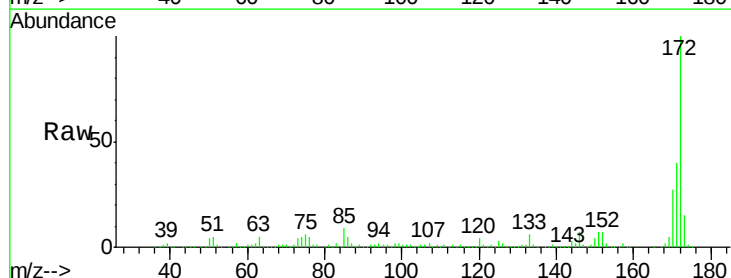


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

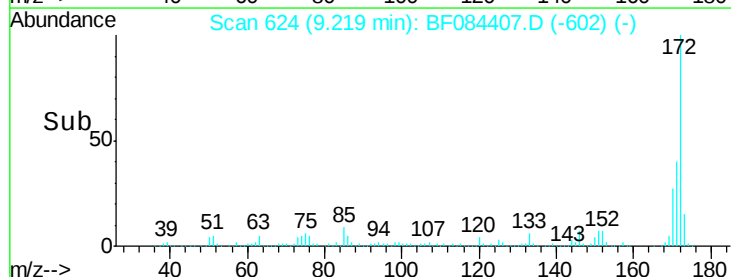
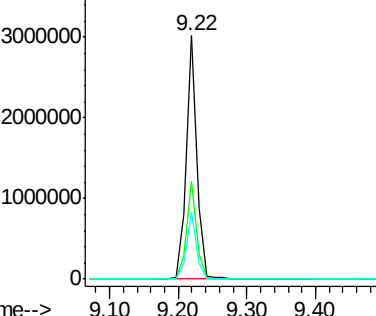


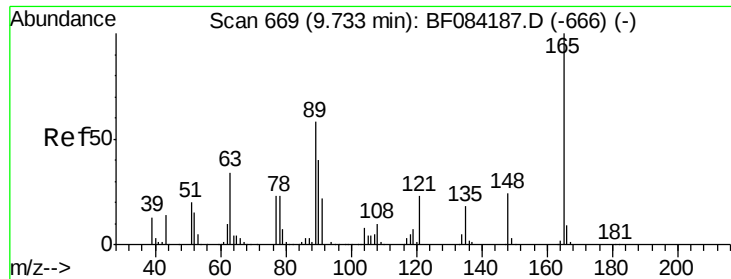
#44
 2-Fluorobiphenyl
 Concen: 82.98 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.05 min
 Lab File: BF084407.D
 Acq: 12 Jan 2016 4:36

Tgt Ion:172 Resp: 3335792
 Ion Ratio Lower Upper
 172 100
 171 39.9 28.9 43.3
 170 27.3 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

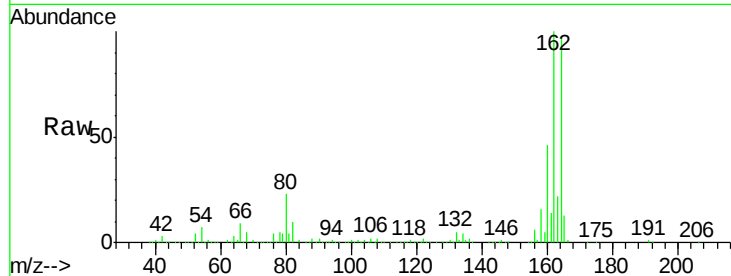




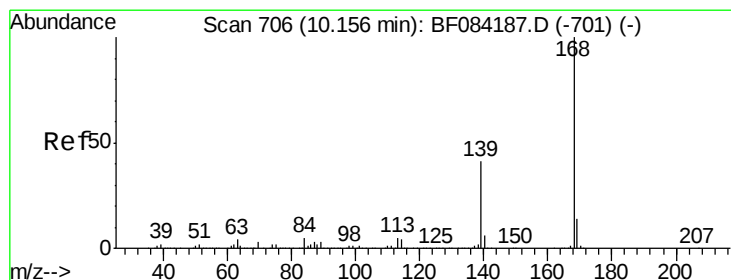
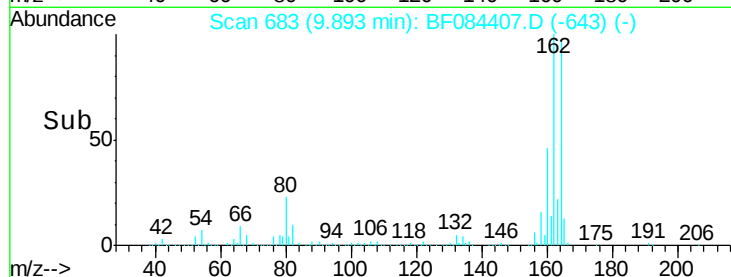
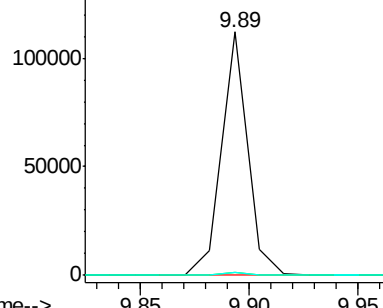
#50
2,6-Dinitrotoluene
Concen: 8.44 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.16 min
Lab File: BF084407.D
Acq: 12 Jan 2016 4:36

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207TH-ST-FIELDBLANK1-1-5-16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	28.8	43.2#
89	1.3	35.1	52.7#

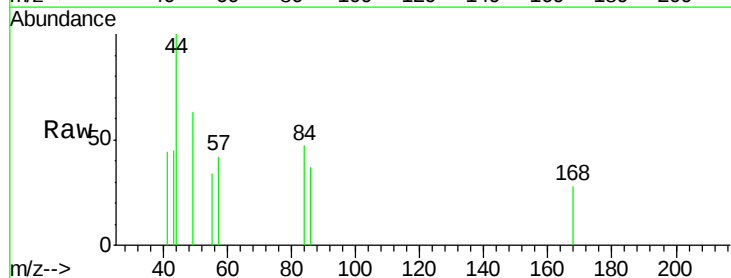


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

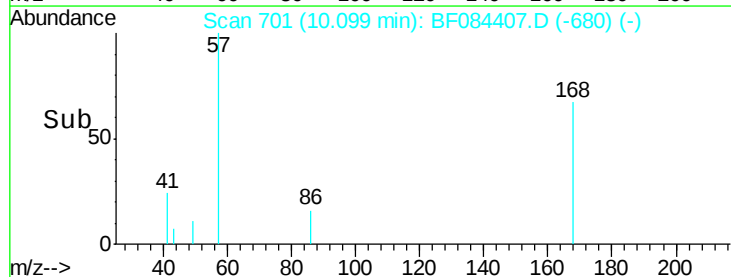
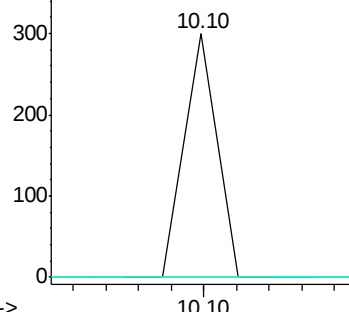


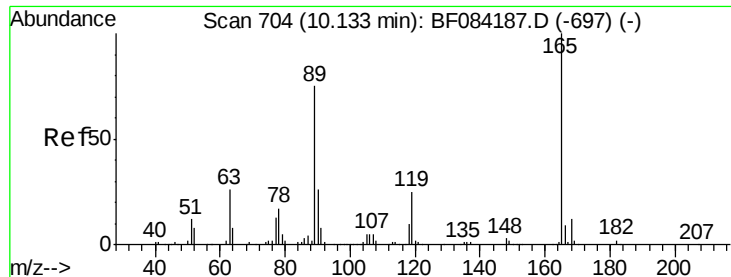
#54
Dibenzofuran
Concen: Below Cal
RT: 10.10 min Scan# 701
Delta R.T. -0.06 min
Lab File: BF084407.D
Acq: 12 Jan 2016 4:36

Tgt 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

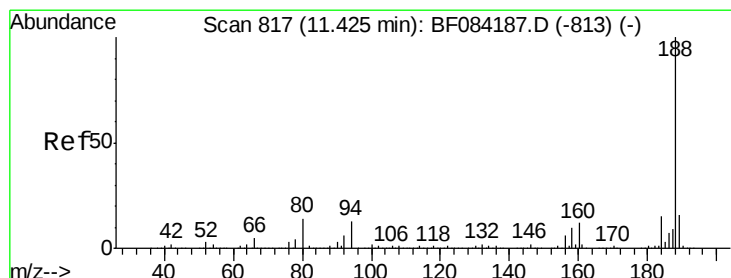
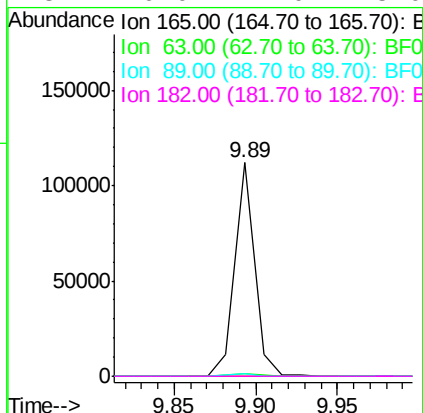
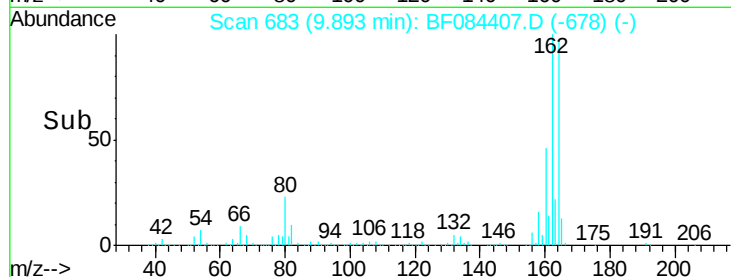
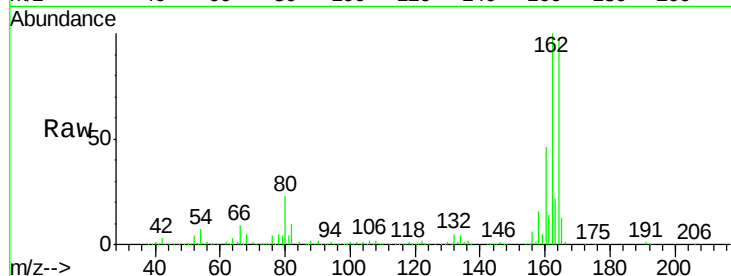




#56
 2,4-Dinitrotoluene
 Concen: 6.67 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.24 min
 Lab File: BF084407.D
 Acq: 12 Jan 2016 4:36

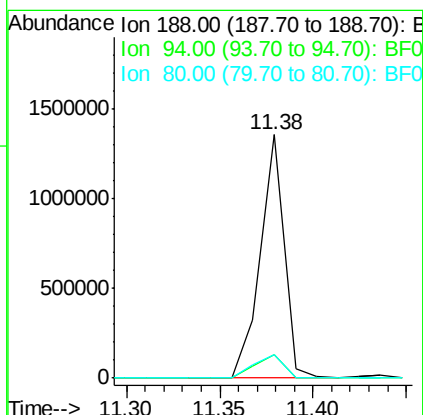
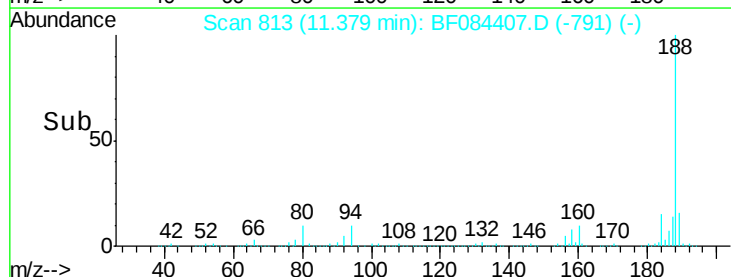
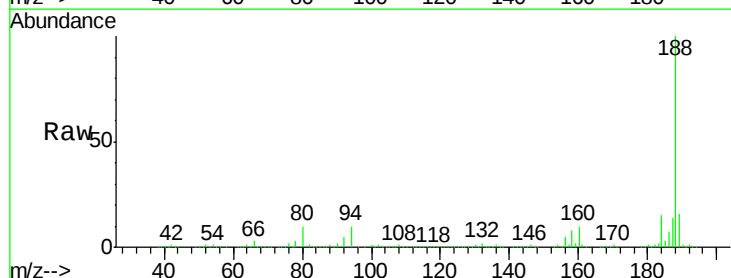
Instrument :
 BNA_F
 ClientSampleId :
 207TH-ST-FIELDBLANK1-1-5-16

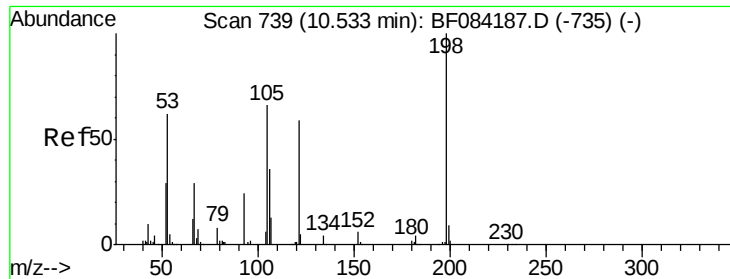
Tgt Ion:165 Resp: 93479
 Ion Ratio Lower Upper
 165 100
 63 1.4 36.7 55.1#
 89 1.3 61.9 92.9#
 182 0.0 2.0 3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.05 min
 Lab File: BF084407.D
 Acq: 12 Jan 2016 4:36

Tgt Ion:188 Resp: 1196509
 Ion Ratio Lower Upper
 188 100
 94 9.7 9.0 13.4
 80 9.7 9.6 14.4





#64

4,6-Dinitro-2-methylphenol

Concen: 6.57 ng

RT: 10.68 min Scan# 752

Delta R.T. 0.15 min

Lab File: BF084407.D

Acq: 12 Jan 2016 4:36

Instrument :

BNA_F

ClientSampleId :

207TH-ST-FIELDBLANK1-1-5-16

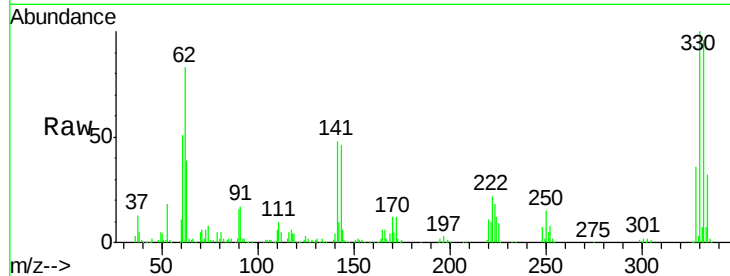
Tgt Ion:198 Resp: 1447

Ion Ratio Lower Upper

198 100

51 212.4 18.9 58.9#

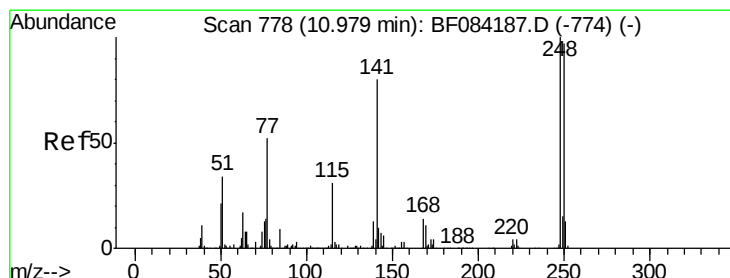
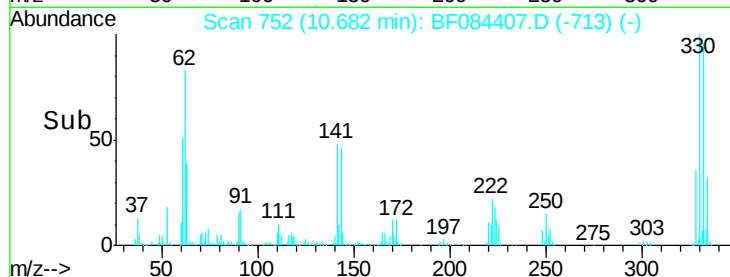
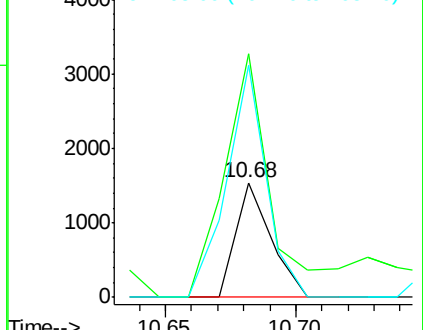
105 203.0 26.4 66.4#



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: 3.80 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.30 min

Lab File: BF084407.D

Acq: 12 Jan 2016 4:36

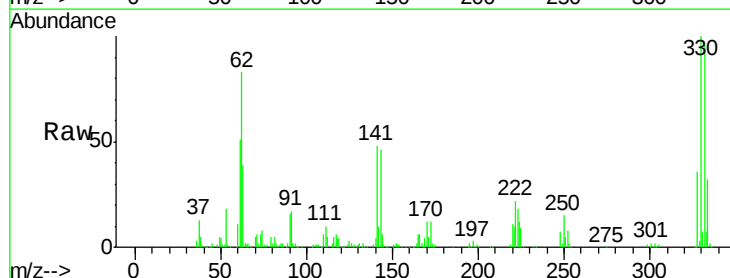
Tgt Ion:248 Resp: 48976

Ion Ratio Lower Upper

248 100

250 212.5 78.4 117.6#

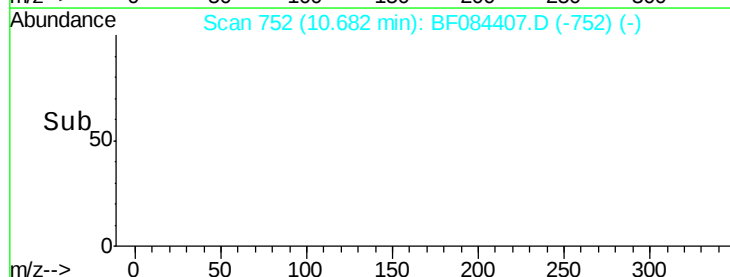
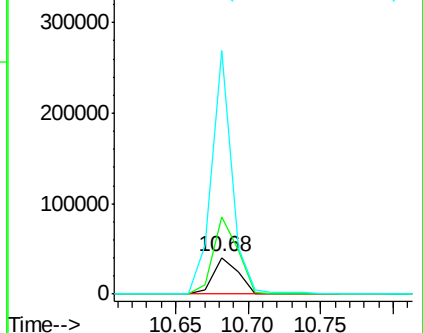
141 668.0 44.0 66.0#

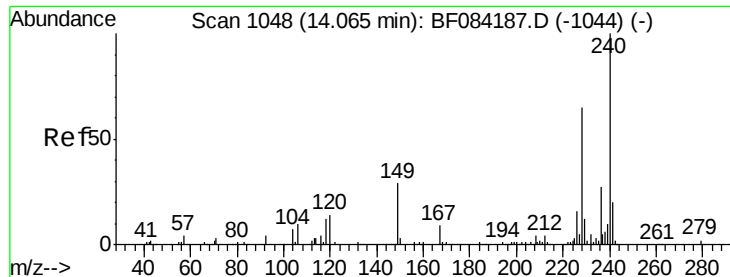


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.01 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF084407.D

Acq: 12 Jan 2016 4:36

Instrument :

BNA_F

ClientSampleId :

207TH-ST-FIELDBLANK1-1-5-16

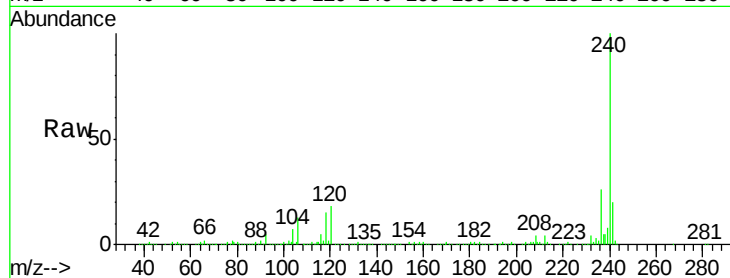
Tgt Ion:240 Resp: 741860

Ion Ratio Lower Upper

240 100

120 18.4 9.5 14.3#

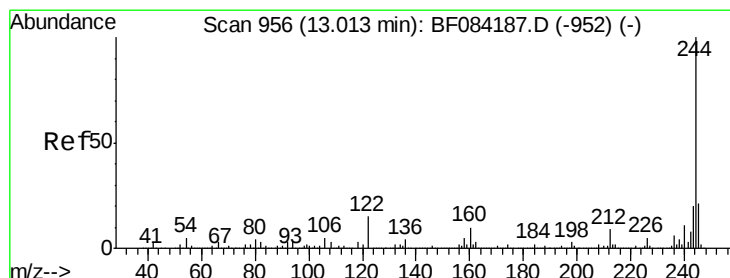
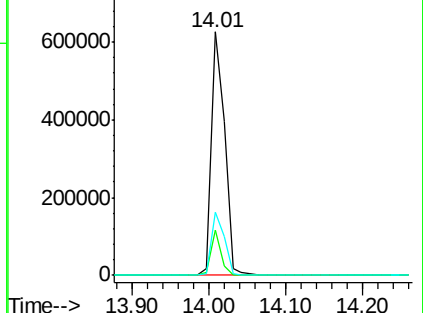
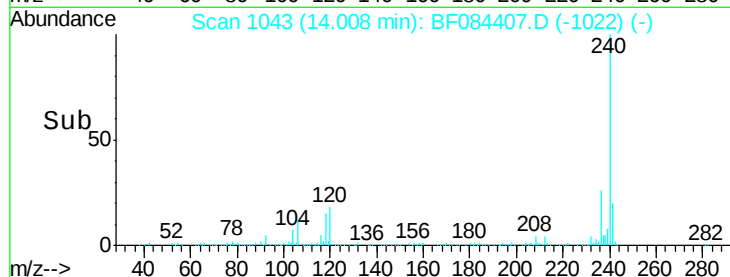
236 25.7 20.6 31.0



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: 82.26 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.05 min

Lab File: BF084407.D

Acq: 12 Jan 2016 4:36

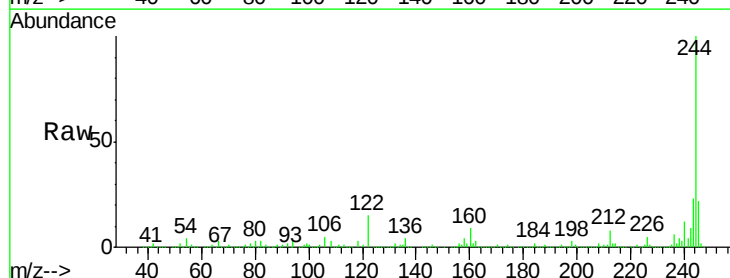
Tgt Ion:244 Resp: 2734019

Ion Ratio Lower Upper

244 100

212 8.2 5.7 8.5

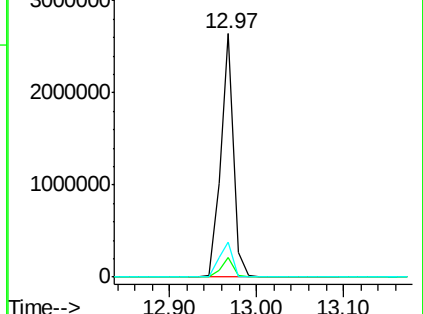
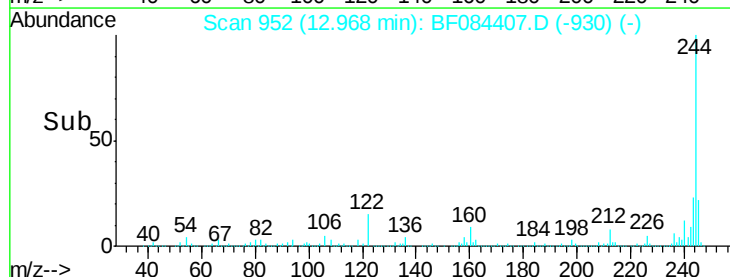
122 14.6 7.4 11.0#

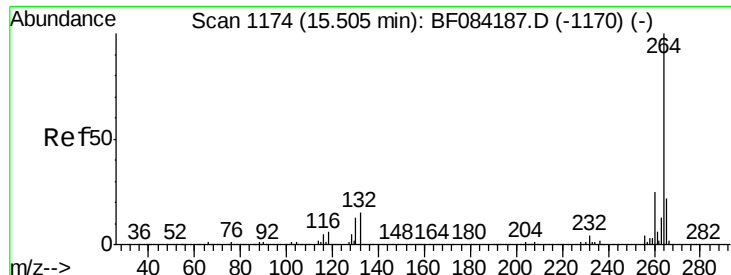


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

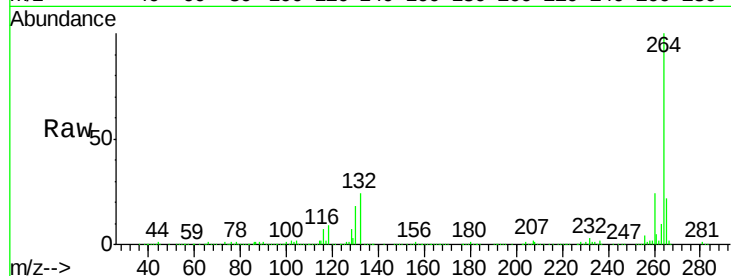




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.07 min
Lab File: BF084407.D
Acq: 12 Jan 2016 4:36

Instrument :
BNA_F
ClientSampleId :
207TH-ST-FIELDBLANK1-1-5-16

Tgt Ion: 264 Resp: 653942
Ion Ratio Lower Upper
264 100
260 23.7 19.4 29.2
265 22.4 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

