

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010816\
 Data File : BF084334.D
 Acq On : 8 Jan 2016 18:10
 Operator : SJ/UM
 Sample : PB87715BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87715BL

Quant Time: Jan 08 22:17:55 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	268019	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1149065	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	534856	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	1027893	20.00	ng	-0.05
75) Chrysene-d12	14.02	240	803103	20.00	ng	-0.05
86) Perylene-d12	15.44	264	562033	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	1555407	93.87	ng	-0.02
7) Phenol-d6	6.50	99	1964085	94.38	ng	-0.03
23) Nitrobenzene-d5	7.42	82	1268794	61.45	ng	-0.05
41) 2,4,6-Tribromophenol	10.68	330	440649	81.60	ng	-0.06
44) 2-Fluorobiphenyl	9.22	172	1898574	60.63	ng	-0.05
78) Terphenyl-d14	12.97	244	1884774	52.39	ng	-0.05

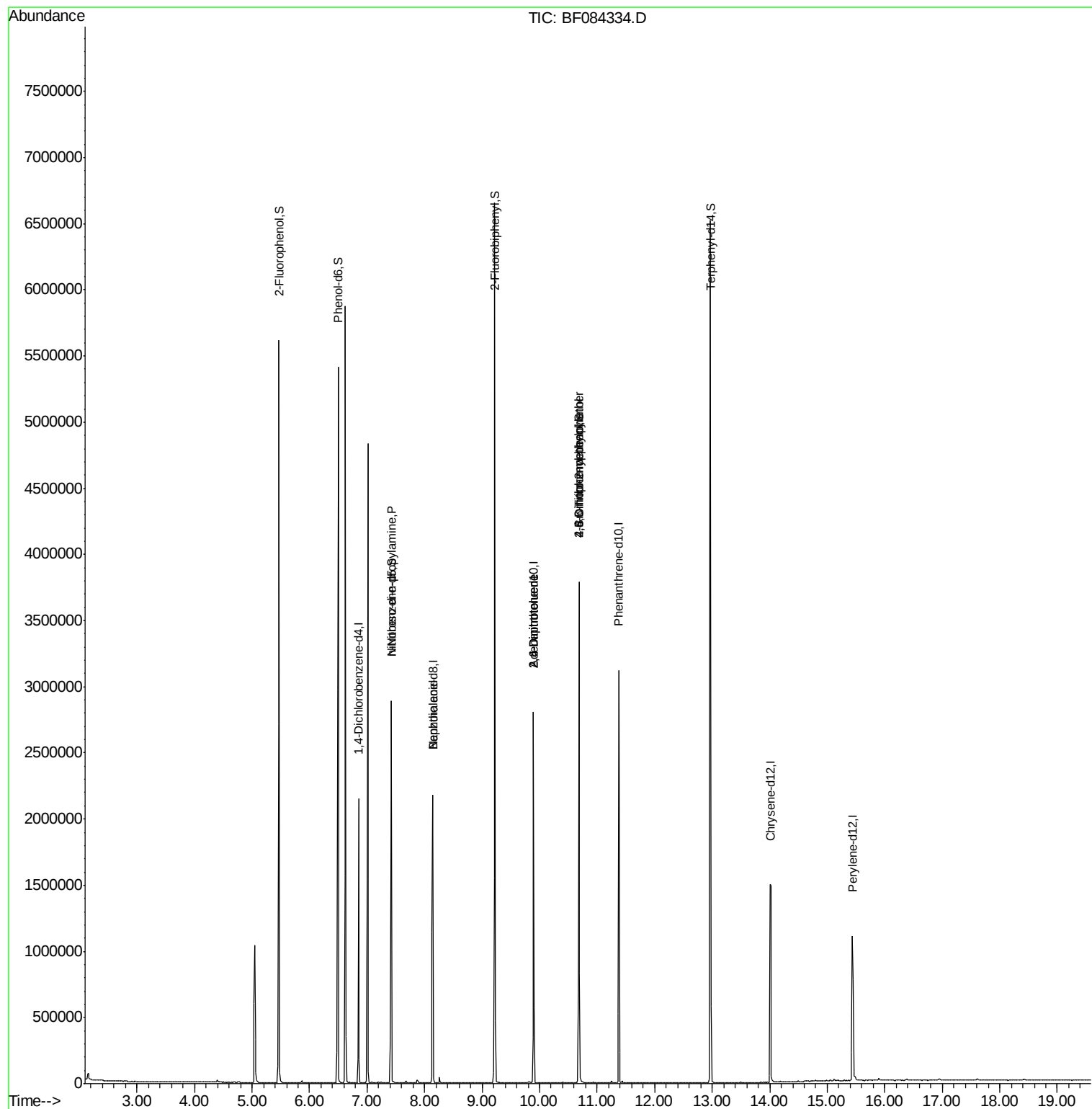
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	172657	12.26	ng	# 76
32) Benzoic acid	8.14	122	267	6.27	ng	# 1
50) 2,6-Dinitrotoluene	9.89	165	69675	8.31	ng	# 37
56) 2,4-Dinitrotoluene	9.89	165	69661	6.56	ng	# 21
57) Fluorene	10.68	166	18678	Below Cal		# 92
64) 4,6-Dinitro-2-methylphenol	10.68	198	824	6.52	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	27385	2.48	ng	# 1
73) Di-n-butylphthalate	11.95	149	1619	Below Cal		# 79

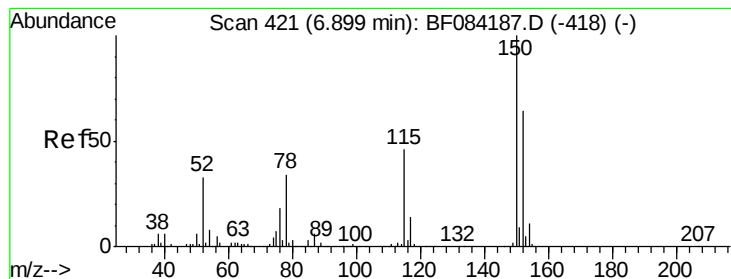
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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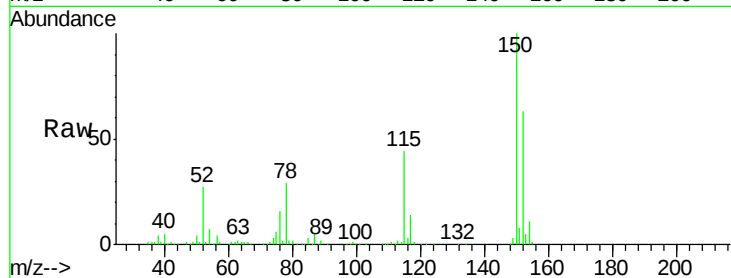




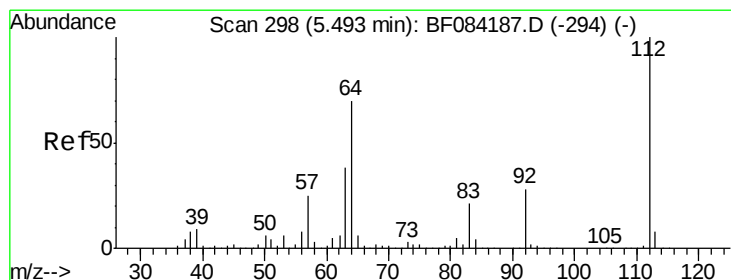
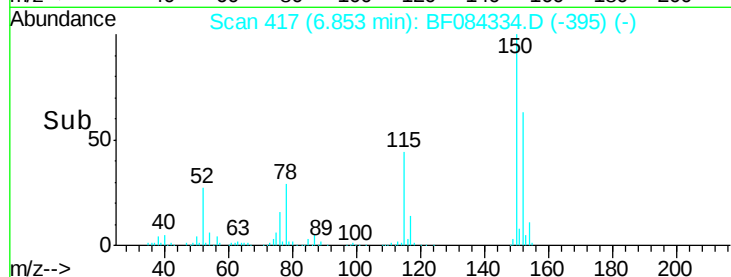
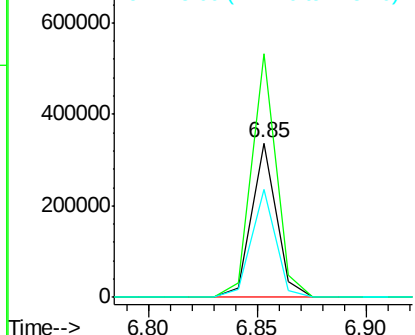
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.05 min
 Lab File: BF084334.D
 Acq: 8 Jan 2016 18:10

Instrument :
 BNA_F
 ClientSampleId :
 PB87715BL

Tgt Ion:152 Resp: 268019
 Ion Ratio Lower Upper
 152 100
 150 157.7 123.0 184.4
 115 69.7 51.4 77.2

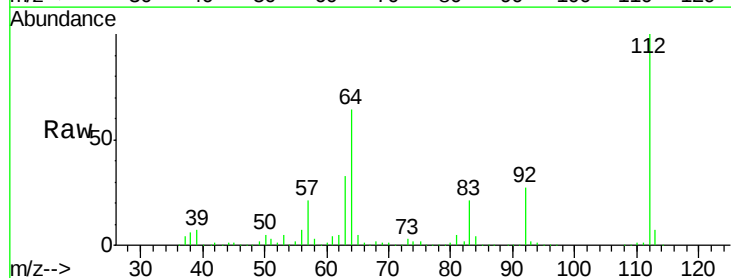


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

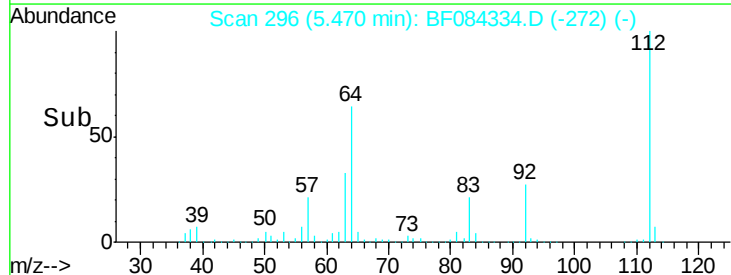
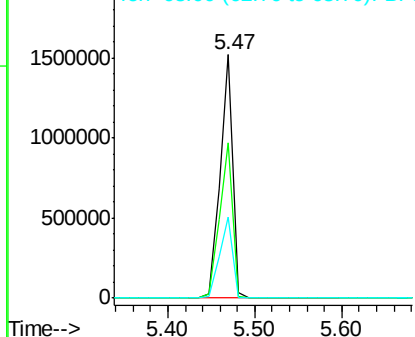


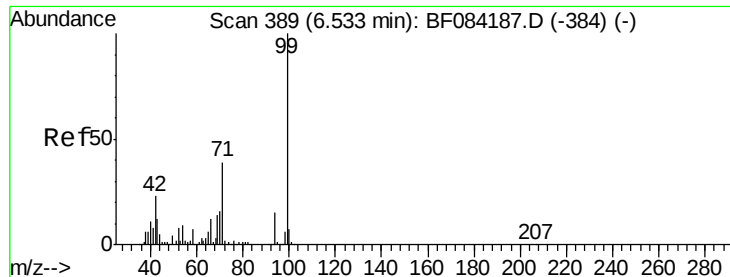
#5
 2-Fluorophenol
 Concen: 93.87 ng
 RT: 5.47 min Scan# 296
 Delta R.T. -0.02 min
 Lab File: BF084334.D
 Acq: 8 Jan 2016 18:10

Tgt Ion:112 Resp: 1555407
 Ion Ratio Lower Upper
 112 100
 64 63.6 36.6 55.0#
 63 33.4 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: 94.38 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF084334.D

Acq: 8 Jan 2016 18:10

Instrument :

BNA_F

ClientSampleId :

PB87715BL

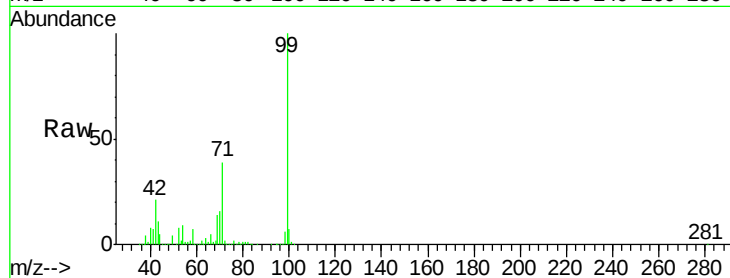
Tgt Ion: 99 Resp: 1964085

Ion Ratio Lower Upper

99 100

42 20.7 12.8 19.2#

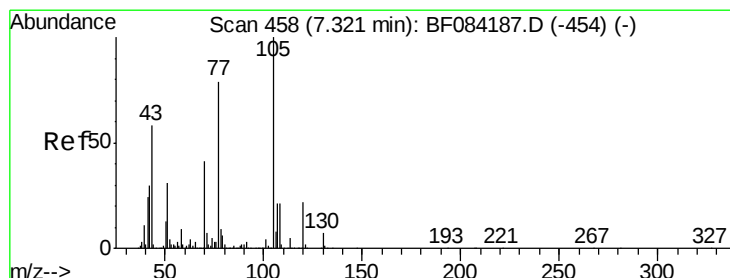
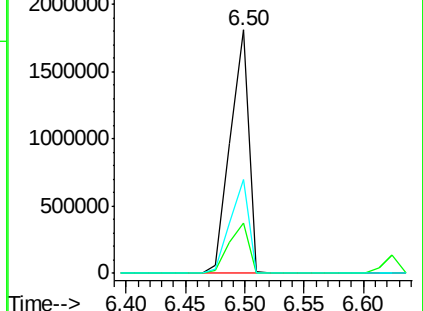
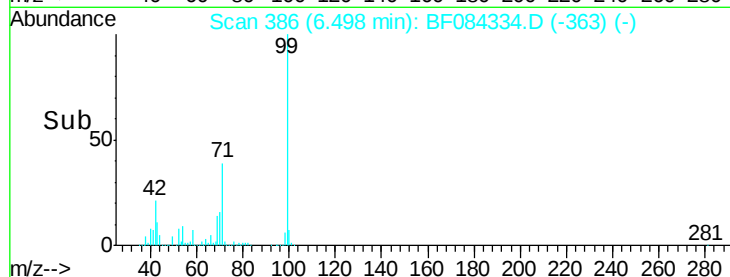
71 38.6 30.9 46.3



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: 12.26 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.10 min

Lab File: BF084334.D

Acq: 8 Jan 2016 18:10

Tgt Ion: 70 Resp: 172657

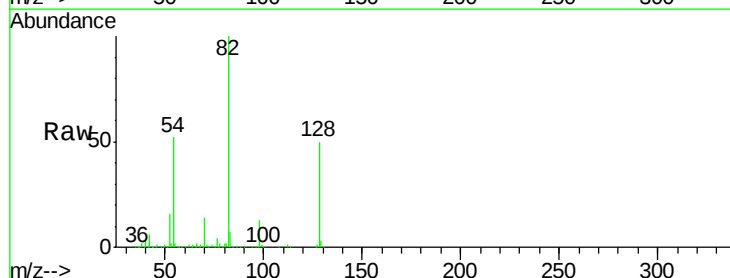
Ion Ratio Lower Upper

70 100

42 43.7 33.3 49.9

101 0.0 9.3 13.9#

130 2.2 23.4 35.0#

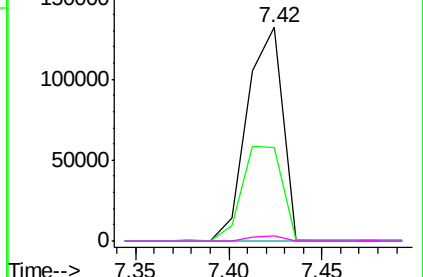
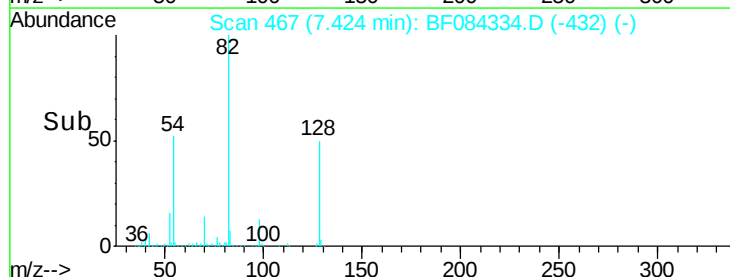


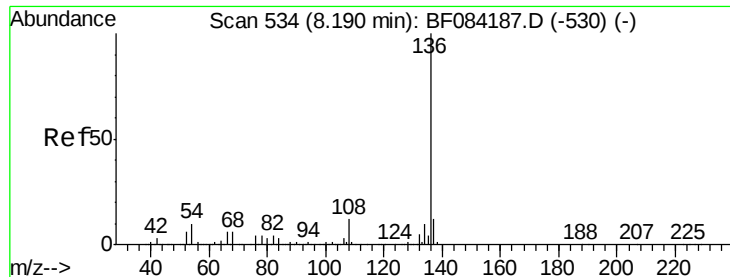
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

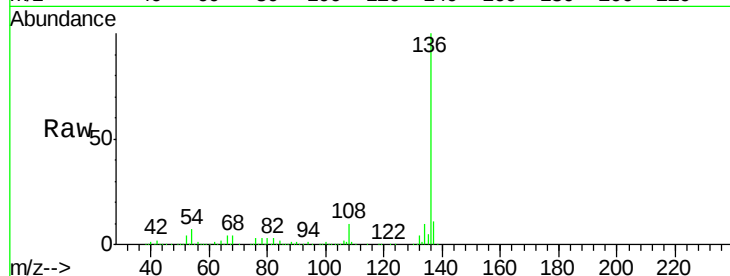




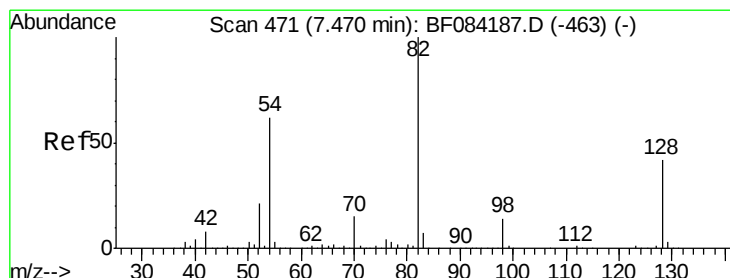
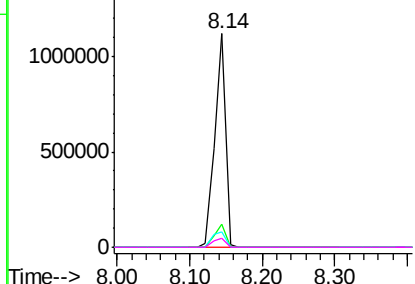
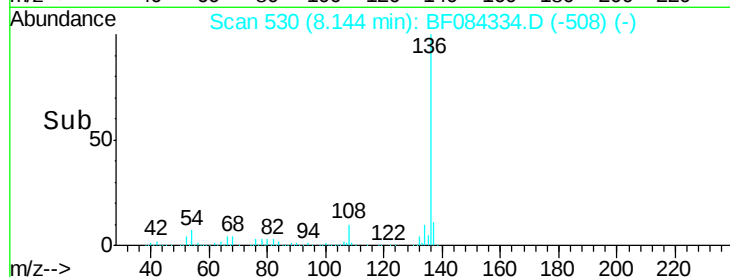
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF084334.D
Acq: 8 Jan 2016 18:10

Instrument :
BNA_F
ClientSampleId :
PB87715BL

Tgt Ion:136 Resp: 1149065
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.0 5.8 8.8
68 4.2 4.2 6.2

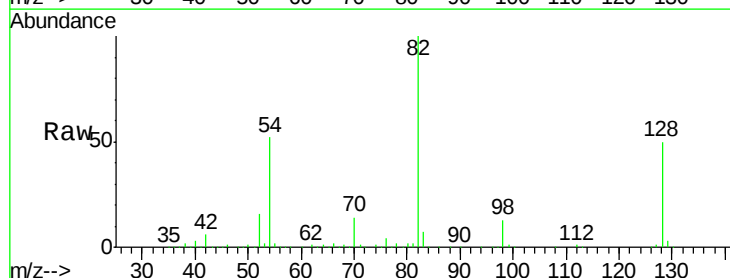


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

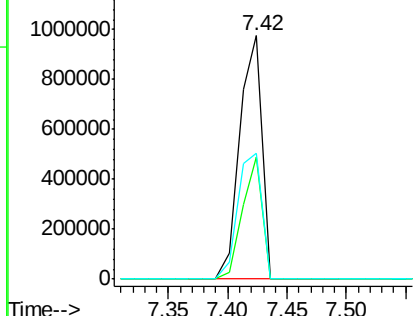
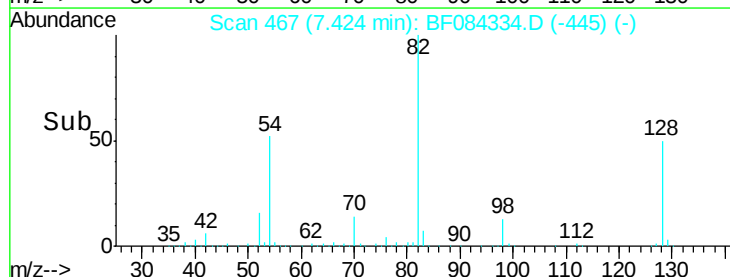


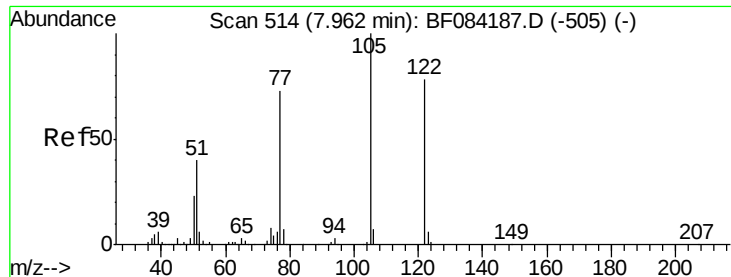
#23
Nitrobenzene-d5
Concen: 61.45 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.05 min
Lab File: BF084334.D
Acq: 8 Jan 2016 18:10

Tgt Ion: 82 Resp: 1268794
Ion Ratio Lower Upper
82 100
128 50.0 34.6 51.8
54 51.7 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: 6.27 ng

RT: 8.14 min Scan# 530

Delta R.T. 0.18 min

Lab File: BF084334.D

Acq: 8 Jan 2016 18:10

Instrument :

BNA_F

ClientSampleId :

PB87715BL

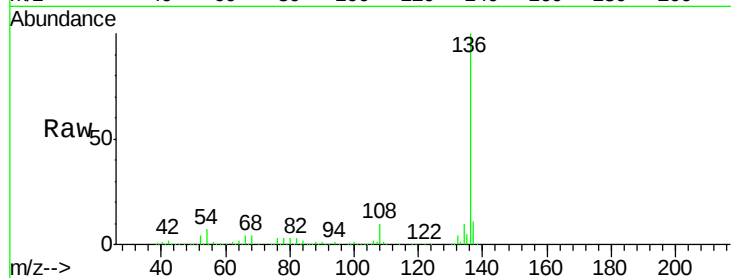
Tgt Ion:122 Resp: 267

Ion Ratio Lower Upper

122 100

105 288.2 100.3 140.3#

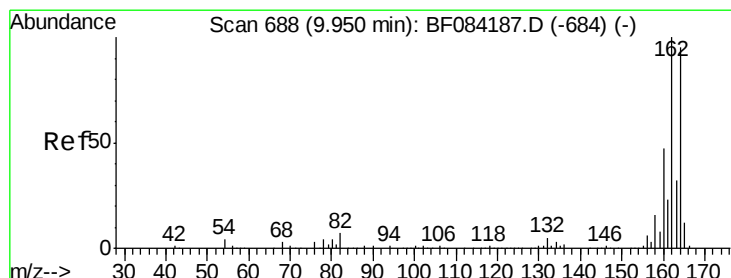
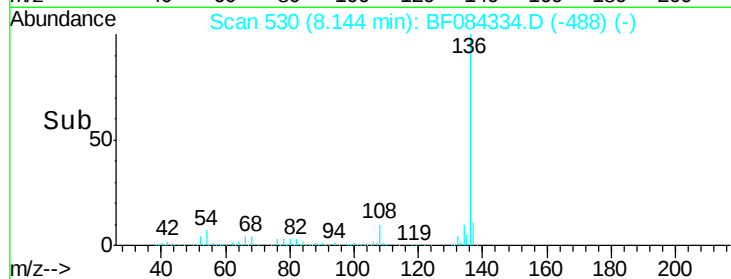
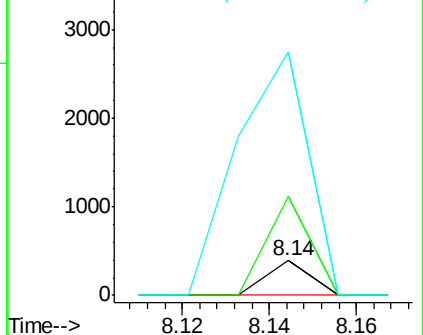
77 704.6 63.5 103.5#



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: BF084334.D

Acq: 8 Jan 2016 18:10

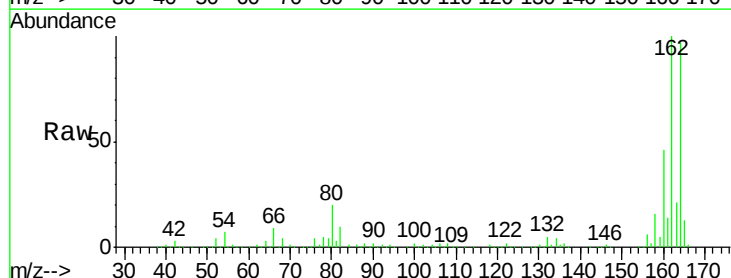
Tgt Ion:164 Resp: 534856

Ion Ratio Lower Upper

164 100

162 103.0 85.1 127.7

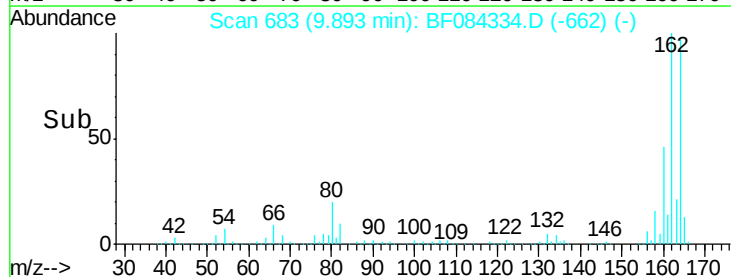
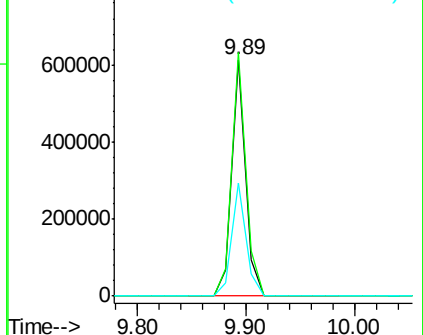
160 47.6 37.5 56.3

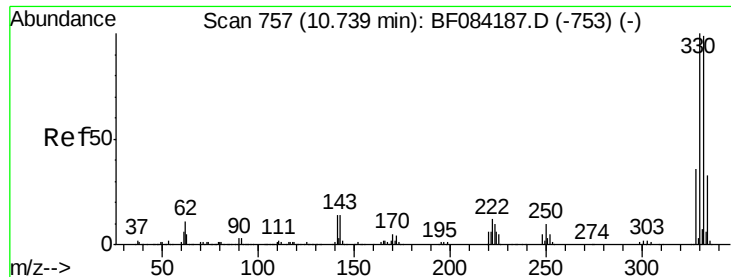


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

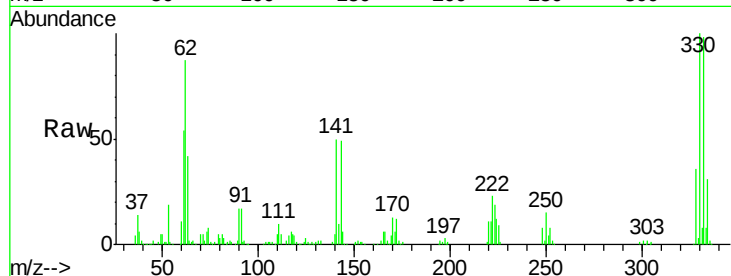




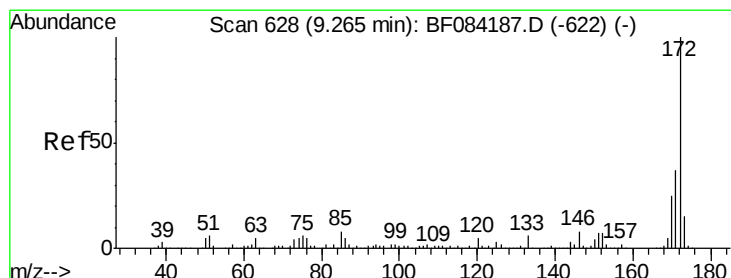
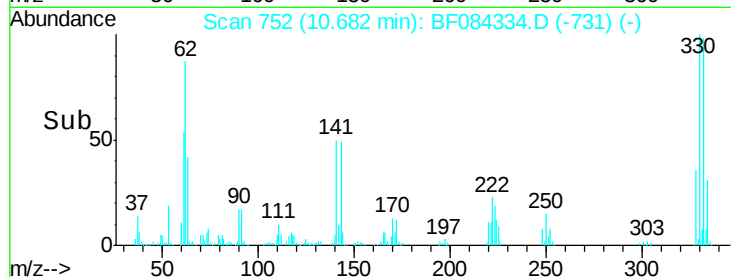
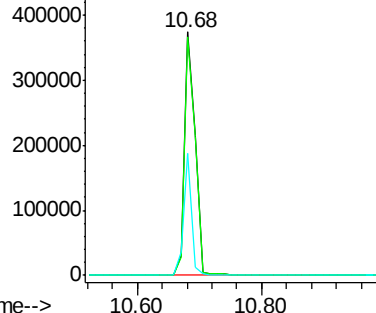
#41
 2,4,6-Tribromophenol
 Concen: 81.60 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.06 min
 Lab File: BF084334.D
 Acq: 8 Jan 2016 18:10

Instrument :
 BNA_F
 ClientSampleID :
 PB87715BL

Tgt Ion:330 Resp: 440649
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.6 114.8
 141 38.0 27.8 41.6

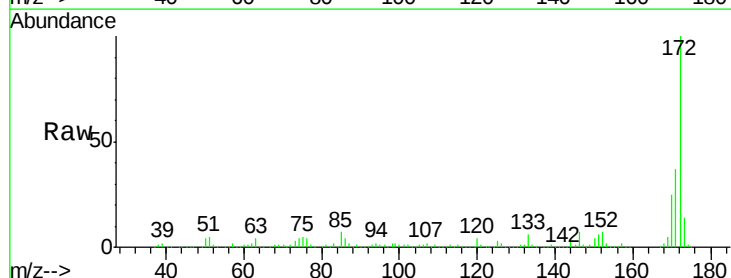


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

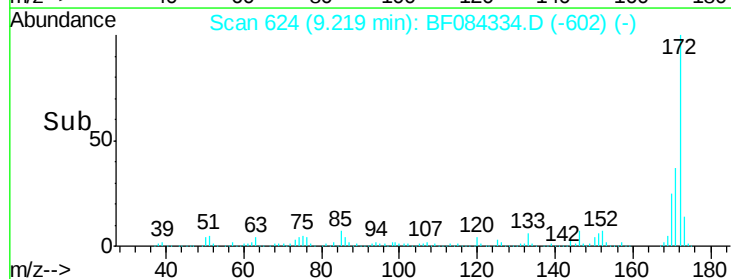
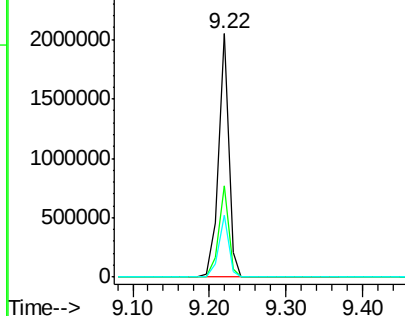


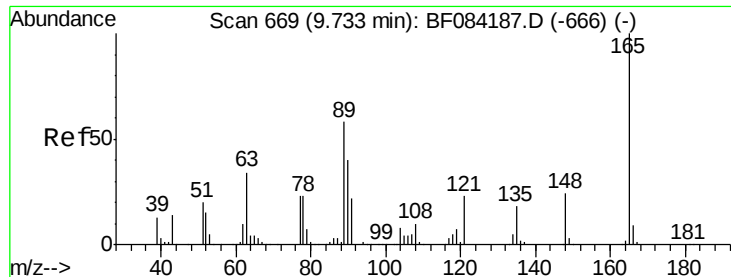
#44
 2-Fluorobiphenyl
 Concen: 60.63 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.05 min
 Lab File: BF084334.D
 Acq: 8 Jan 2016 18:10

Tgt Ion:172 Resp: 1898574
 Ion Ratio Lower Upper
 172 100
 171 37.4 28.9 43.3
 170 25.5 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

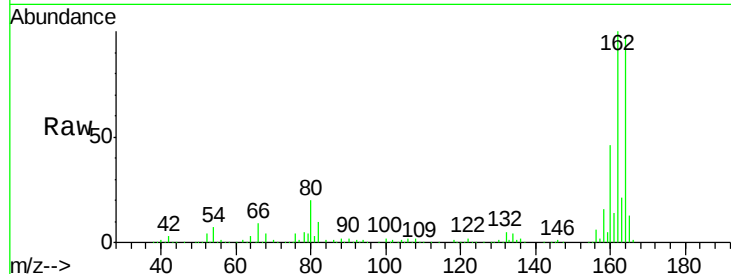




#50
2,6-Dinitrotoluene
Concen: 8.31 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.16 min
Lab File: BF084334.D
Acq: 8 Jan 2016 18:10

Instrument :
BNA_F
ClientSampleId :
PB87715BL

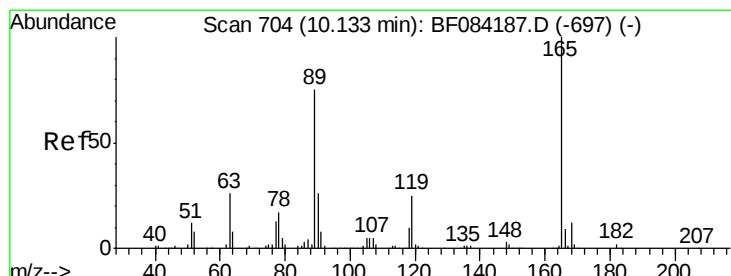
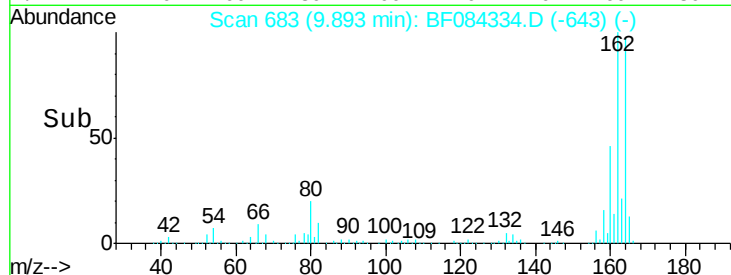
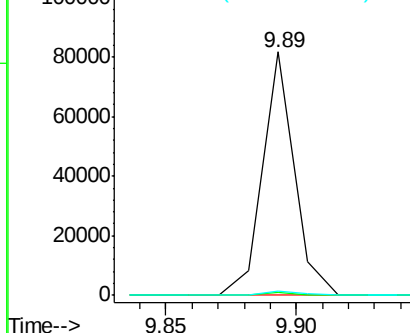
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	28.8	43.2#
89	1.6	35.1	52.7#



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



#56
2,4-Dinitrotoluene
Concen: 6.56 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.24 min
Lab File: BF084334.D
Acq: 8 Jan 2016 18:10

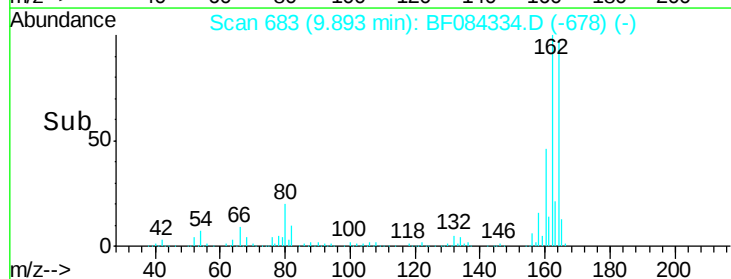
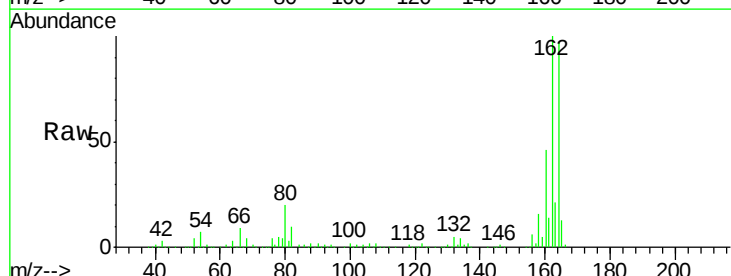
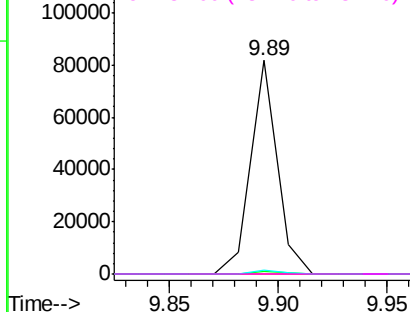
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.7	55.1#
89	1.6	61.9	92.9#
182	0.0	2.0	3.0#

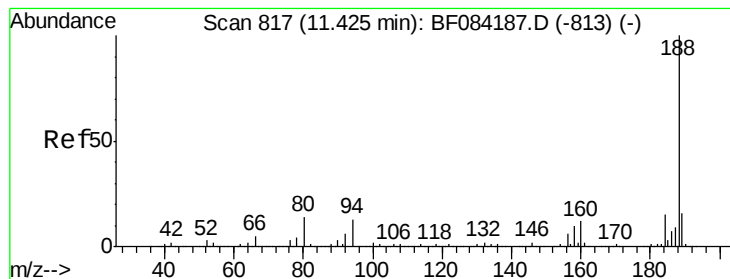
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.38 min Scan# 813

Delta R.T. -0.05 min

Lab File: BF084334.D

Acq: 8 Jan 2016 18:10

Instrument :

BNA_F

ClientSampleId :

PB87715BL

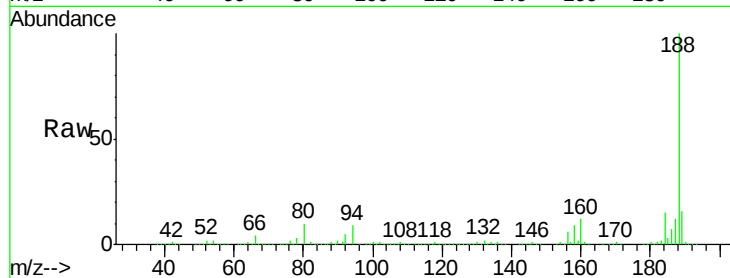
Tgt Ion:188 Resp: 1027893

Ion Ratio Lower Upper

188 100

94 9.5 9.0 13.4

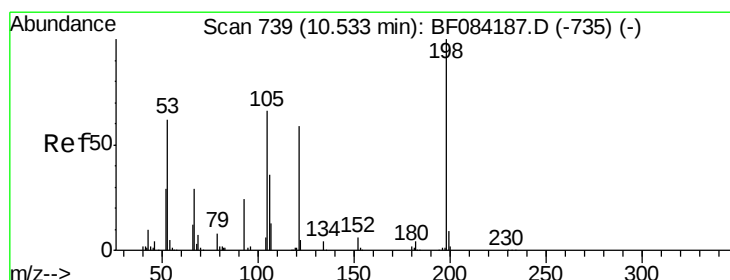
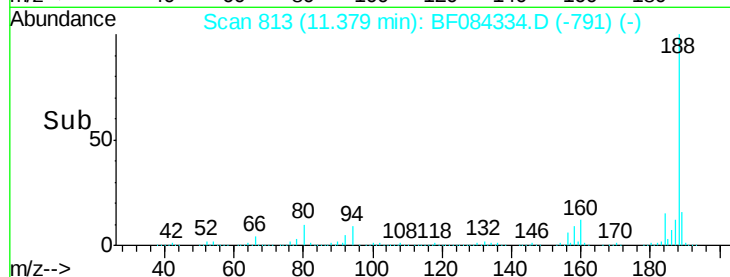
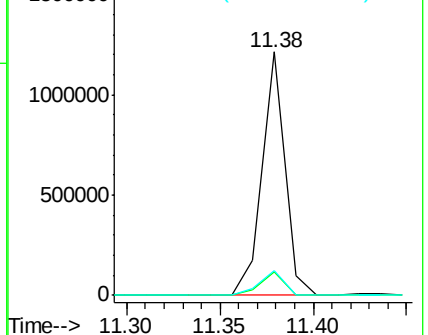
80 10.3 9.6 14.4



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: 6.52 ng

RT: 10.68 min Scan# 752

Delta R.T. 0.15 min

Lab File: BF084334.D

Acq: 8 Jan 2016 18:10

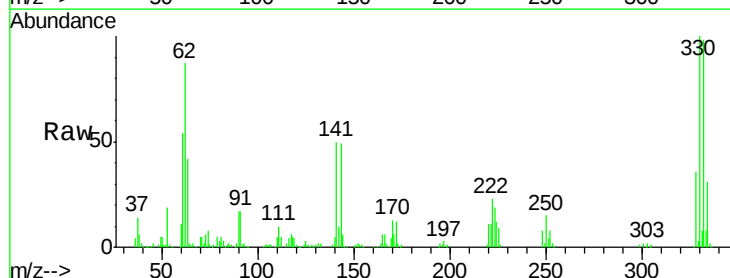
Tgt Ion:198 Resp: 824

Ion Ratio Lower Upper

198 100

51 217.4 18.9 58.9#

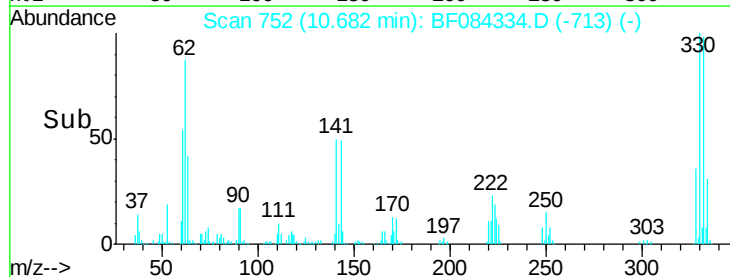
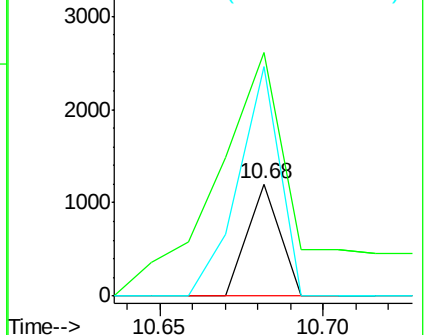
105 205.1 26.4 66.4#

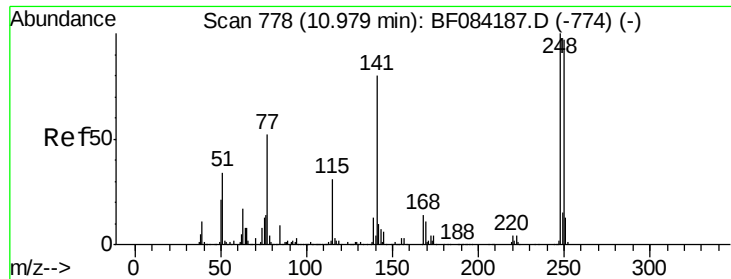


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 2.48 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.30 min

Lab File: BF084334.D

Acq: 8 Jan 2016 18:10

Instrument :

BNA_F

ClientSampleId :

PB87715BL

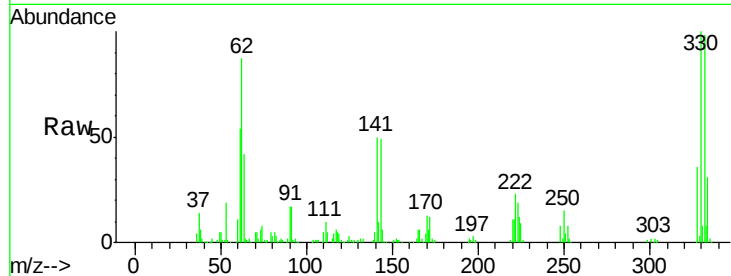
Tgt Ion:248 Resp: 27385

Ion Ratio Lower Upper

248 100

250 191.5 78.4 117.6#

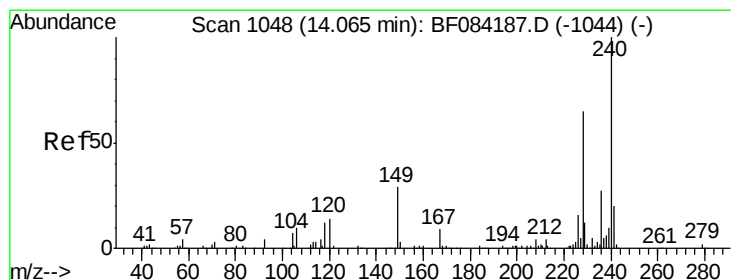
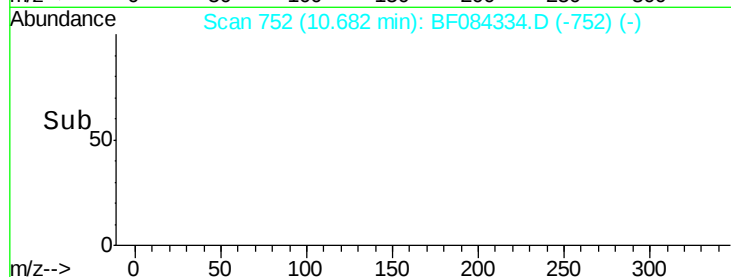
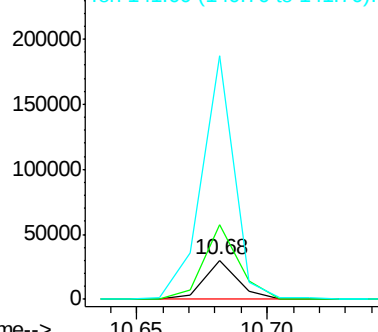
141 625.1 44.0 66.0#



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: 14.02 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF084334.D

Acq: 8 Jan 2016 18:10

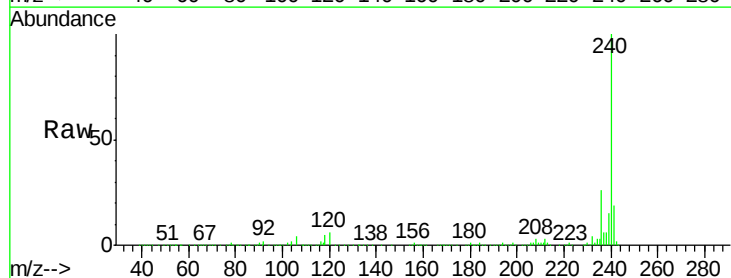
Tgt Ion:240 Resp: 803103

Ion Ratio Lower Upper

240 100

120 6.1 9.5 14.3#

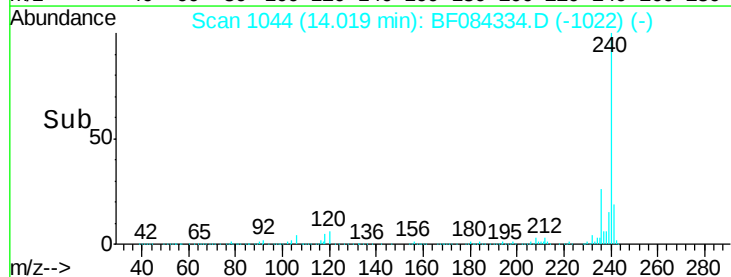
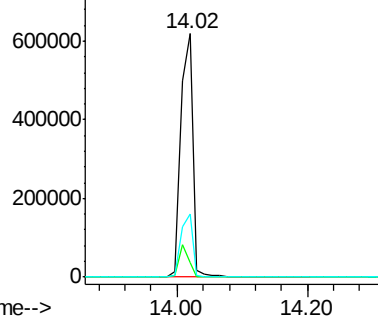
236 25.7 20.6 31.0

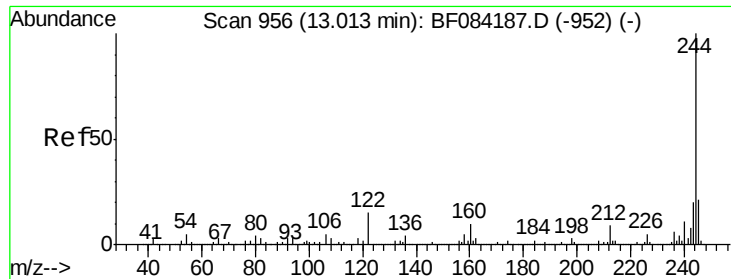


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 52.39 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.05 min

Lab File: BF084334.D

Acq: 8 Jan 2016 18:10

Instrument :

BNA_F

ClientSampleId :

PB87715BL

Tgt Ion:244 Resp: 1884774

Ion Ratio Lower Upper

244 100

212 8.0

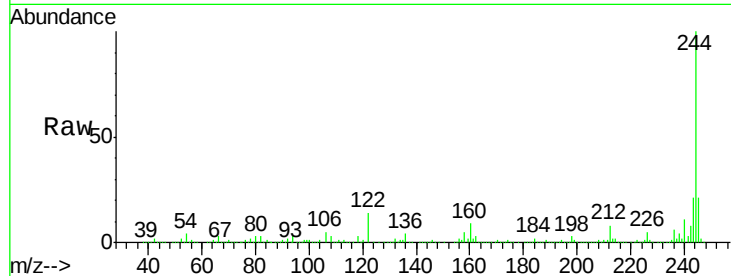
5.7

8.5

122 13.6

7.4

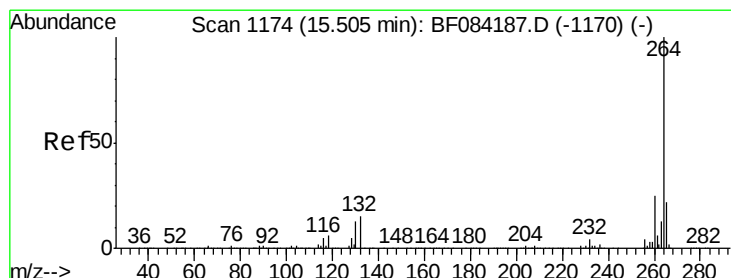
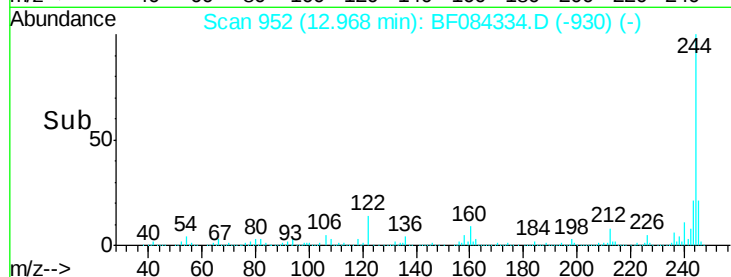
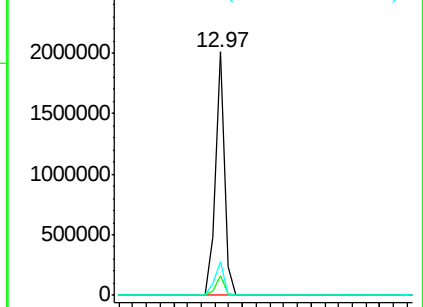
11.0#



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: BF084334.D

Acq: 8 Jan 2016 18:10

Tgt Ion:264 Resp: 562033

Ion Ratio Lower Upper

264 100

260 23.8

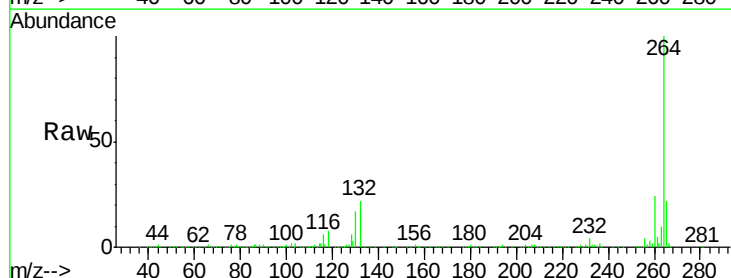
19.4

29.2

265 21.8

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

