

Data Path : U:\HPCHEM1\BNA F\DATA\BF011516\
 Data File : BF084493.D
 Acq On : 15 Jan 2016 16:17
 Operator : SJ/UM
 Sample : PB87838BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 16 01:33:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 16 01:26:38 2016
 Response via : Initial Calibration

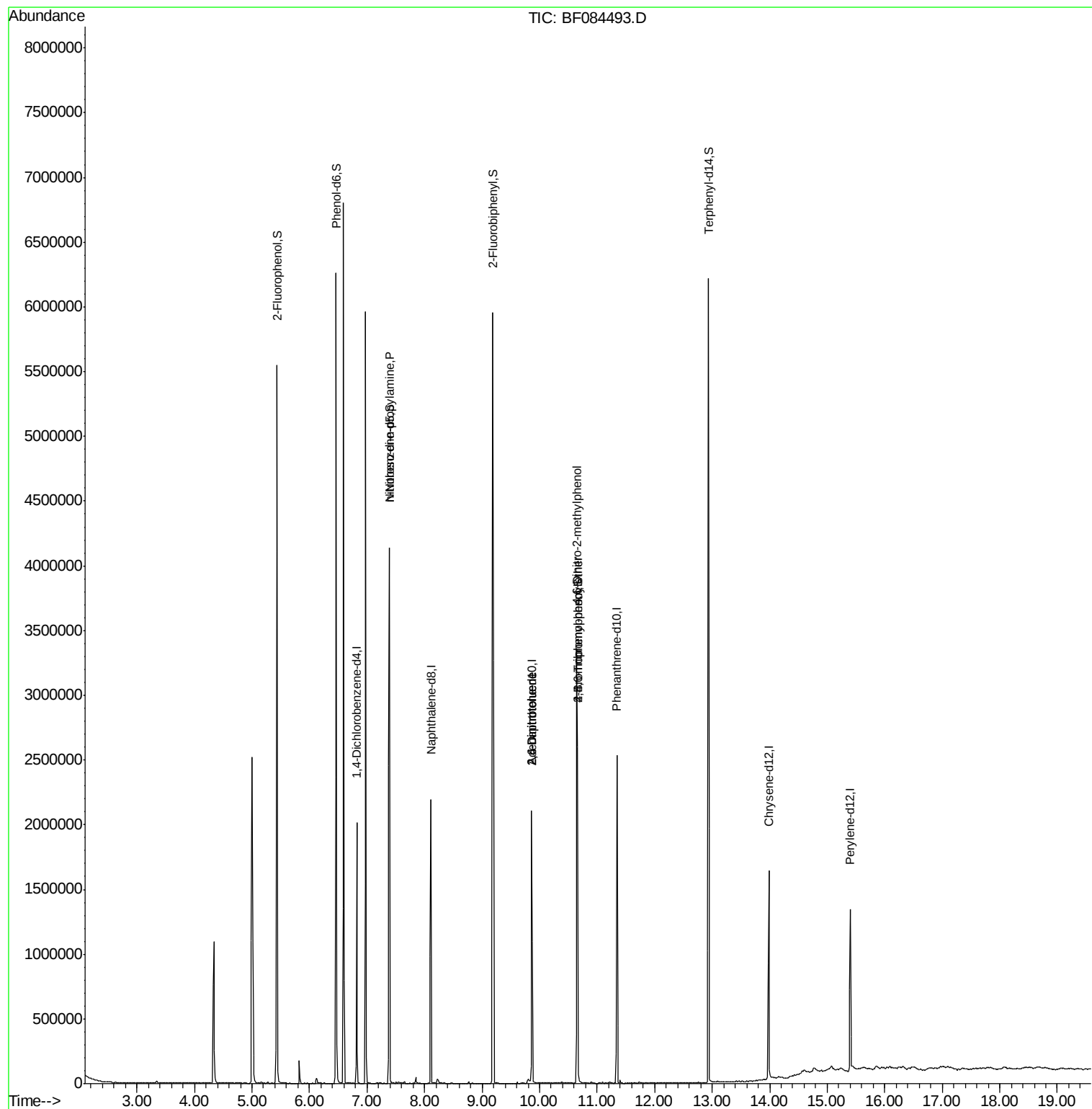
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	265487	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	1119026	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	476363	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	856883	20.00	ng	0.00
75) Chrysene-d12	13.99	240	664476	20.00	ng	0.00
86) Perylene-d12	15.40	264	564496	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1945802	118.55	ng	0.01
7) Phenol-d6	6.46	99	2104655	102.10	ng	0.00
23) Nitrobenzene-d5	7.39	82	1576730	78.42	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	596701	124.07	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	2351376	86.98	ng	-0.01
78) Terphenyl-d14	12.93	244	2060667	69.22	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	214107	15.34	ng	# 75
50) 2,6-Dinitrotoluene	9.86	165	61687	8.26	ng	# 37
56) 2,4-Dinitrotoluene	9.86	165	61692	6.53	ng	# 21
57) Fluorene	10.65	166	25063	Below Cal		# 91
64) 4,6-Dinitro-2-methylphenol	10.65	198	963	6.56	ng	# 1
66) 4-Bromophenyl-phenylether	10.66	248	36685	3.98	ng	# 1
73) Di-n-butylphthalate	11.92	149	734	Below Cal		# 79

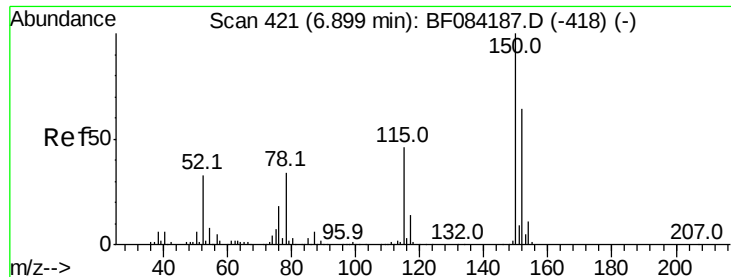
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jan 16 01:26:38 2016
Response via : Initial Calibration



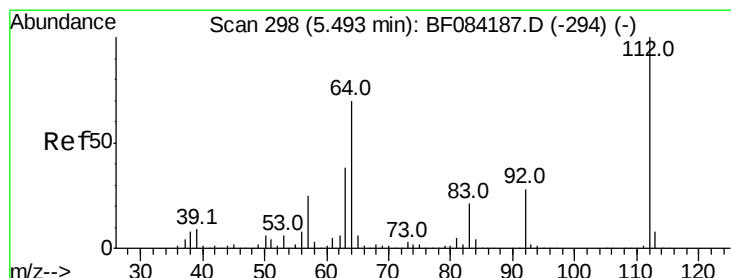
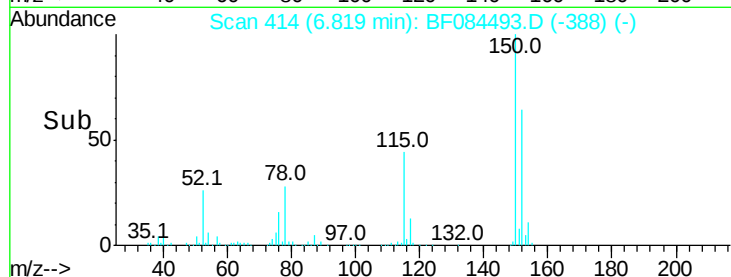
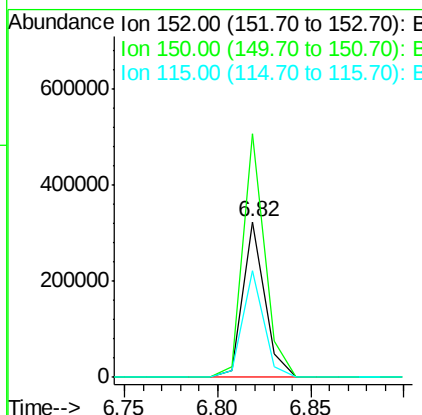
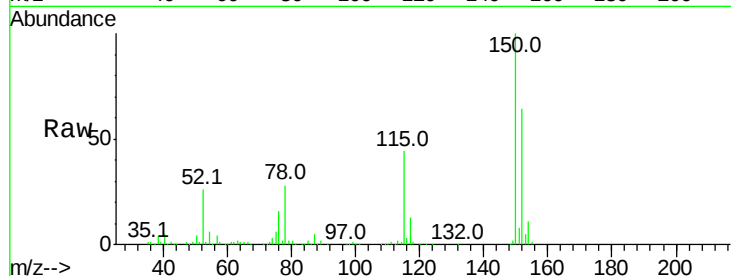


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF084493.D
Acq: 15 Jan 2016 16:17

Instrument :
BNA_F
ClientSampleId :

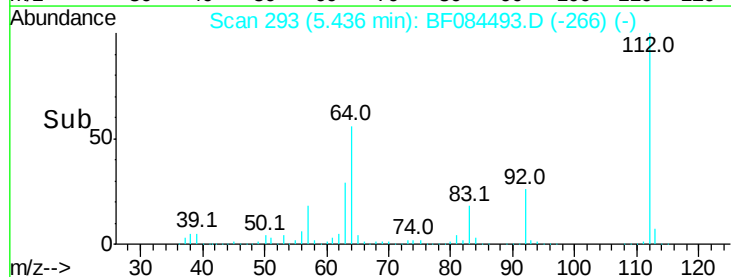
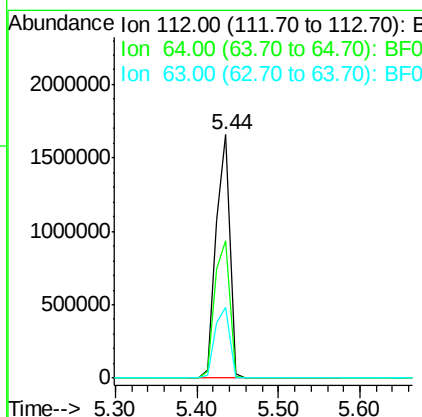
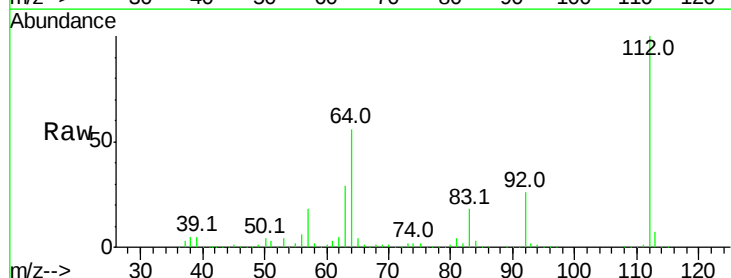
Tot Ion:152 Resp: 265487
Ion Ratio Lower Upper
152 100
150 156.5 123.0 184.4
115 68.5 51.4 77.2

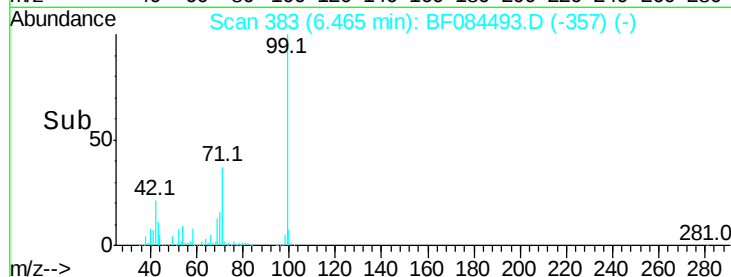
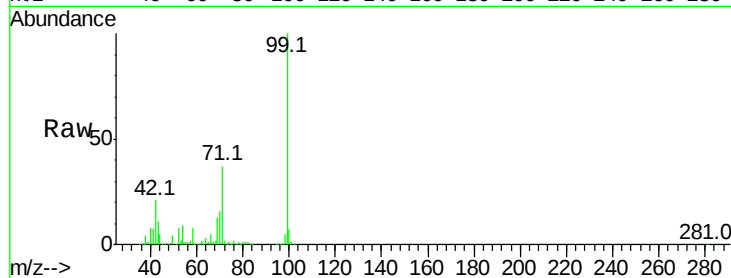
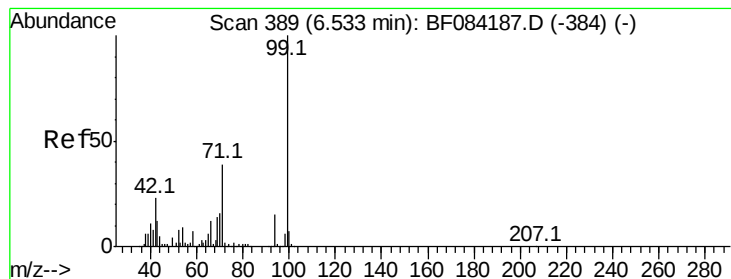


#5

2-Fluorophenol
Concen: 118.55 ng
RT: 5.44 min Scan# 293
Delta R.T. 0.01 min
Lab File: BF084493.D
Acq: 15 Jan 2016 16:17

Tgt Ion:112 Resp: 1945802
Ion Ratio Lower Upper
112 100
64 56.3 36.6 55.0#
63 28.9 19.4 29.0





#7

Phenol-d6

Concen: 102.10 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF084493.D

Acq: 15 Jan 2016 16:17

Instrument :

BNA_F

ClientSampled :

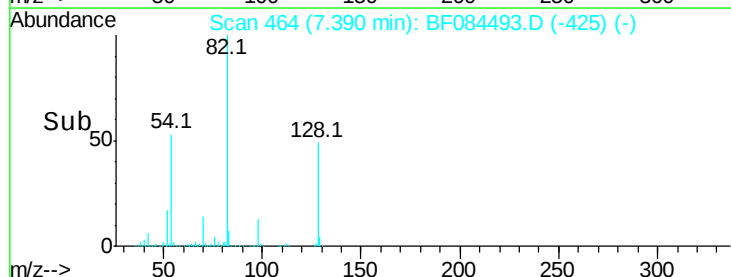
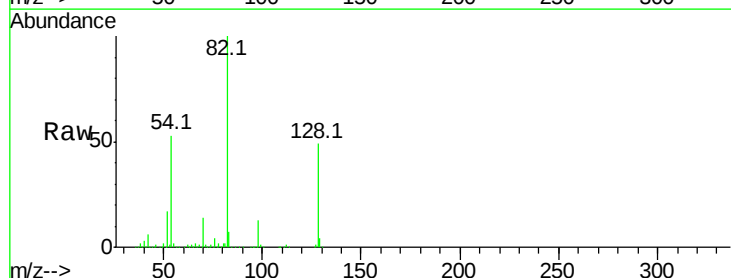
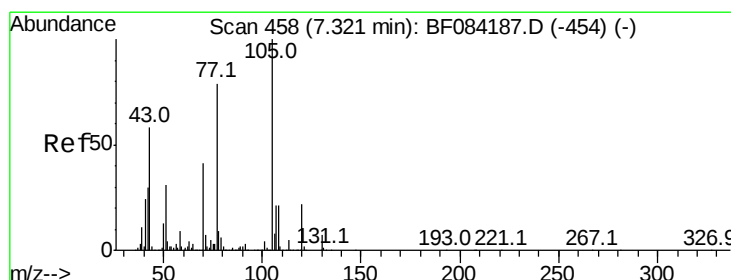
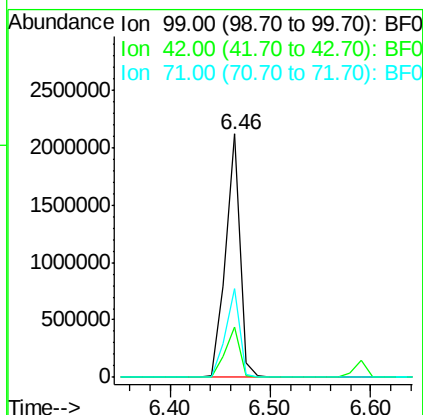
Tot Ion: 99 Resp: 2104655

Ion Ratio Lower Upper

99 100

42 20.9 12.8 19.2#

71 36.7 30.9 46.3



#19

n-Nitroso-di-n-propylamine

Concen: 15.34 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.15 min

Lab File: BF084493.D

Acq: 15 Jan 2016 16:17

Tgt Ion: 70 Resp: 214107

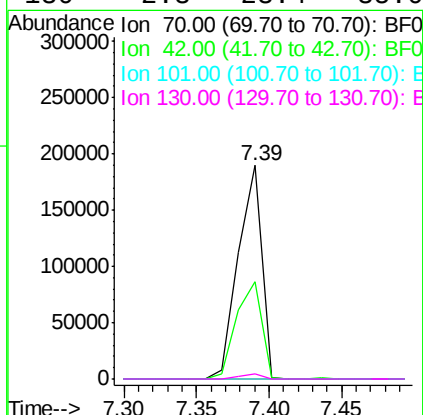
Ion Ratio Lower Upper

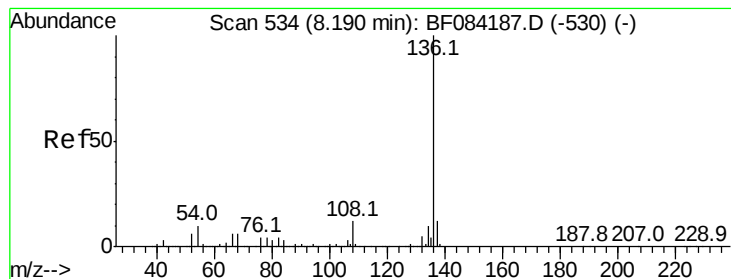
70 100

42 45.8 33.3 49.9

101 0.0 9.3 13.9#

130 2.3 23.4 35.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF084493.D

Acq: 15 Jan 2016 16:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1119026

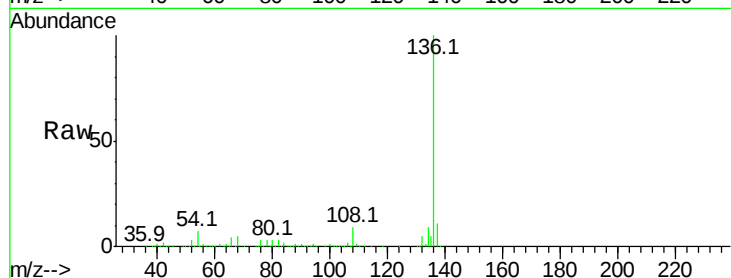
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.9 5.8 8.8

68 4.9 4.2 6.2

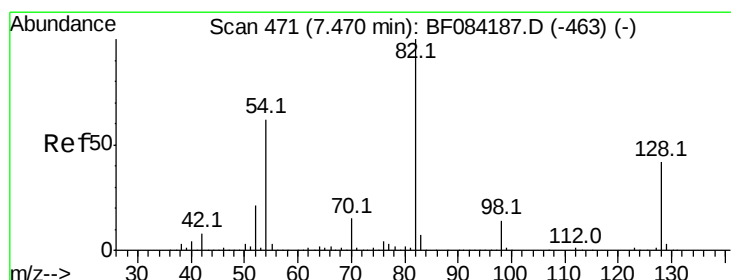
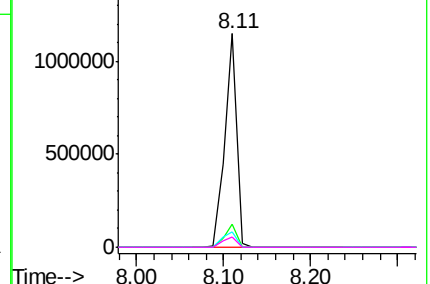
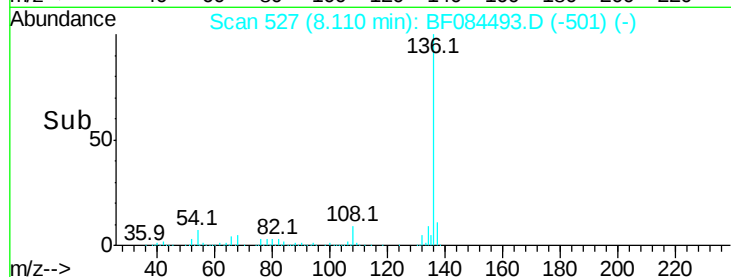


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.42 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF084493.D

Acq: 15 Jan 2016 16:17

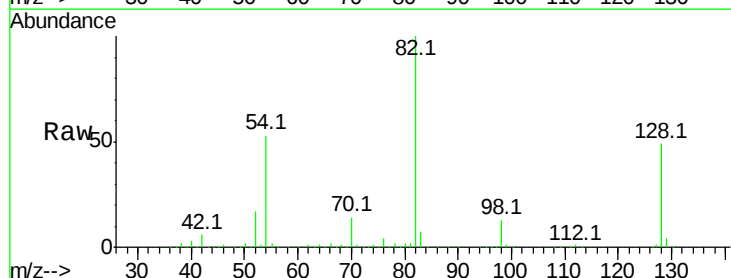
Tgt Ion: 82 Resp: 1576730

Ion Ratio Lower Upper

82 100

128 49.1 34.6 51.8

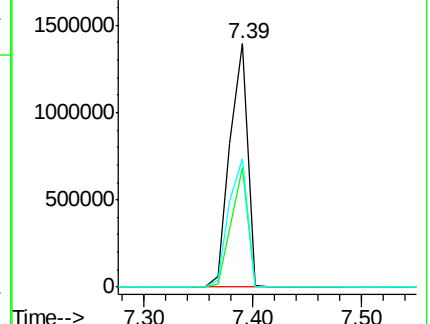
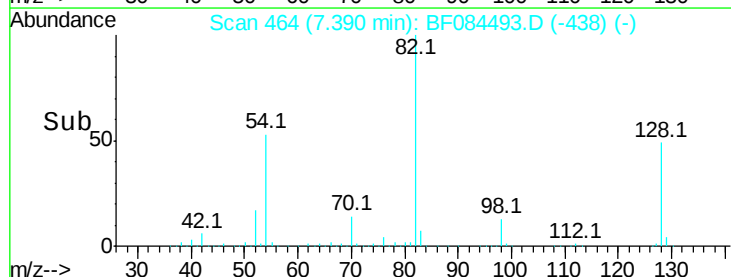
54 52.8 38.4 57.6

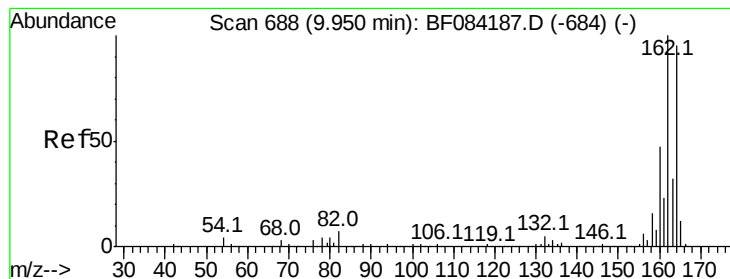


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF084493.D

Acq: 15 Jan 2016 16:17

Instrument :

BNA_F

ClientSampleId :

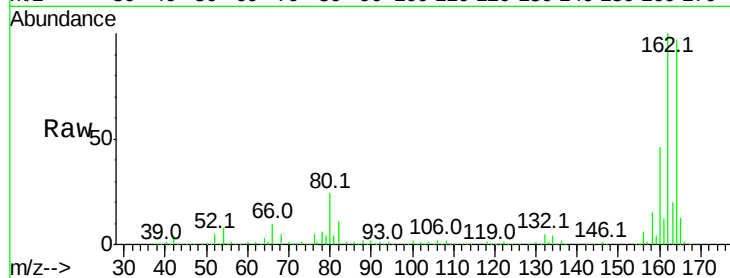
Tot Ion:164 Resp: 476363

Ion Ratio Lower Upper

164 100

162 103.5 85.1 127.7

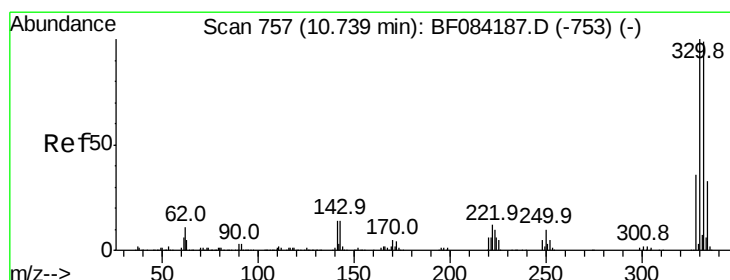
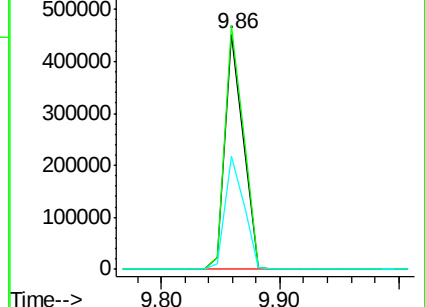
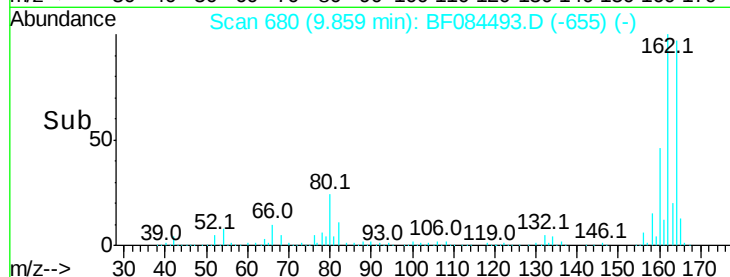
160 47.9 37.5 56.3



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: 124.07 ng

RT: 10.66 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF084493.D

Acq: 15 Jan 2016 16:17

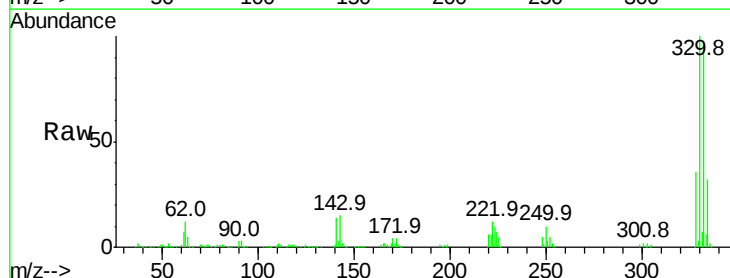
Tgt Ion:330 Resp: 596701

Ion Ratio Lower Upper

330 100

332 97.0 76.6 114.8

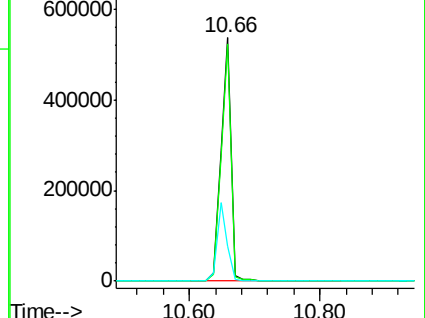
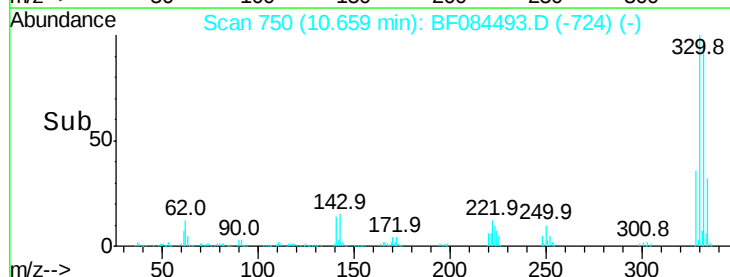
141 31.6 27.8 41.6

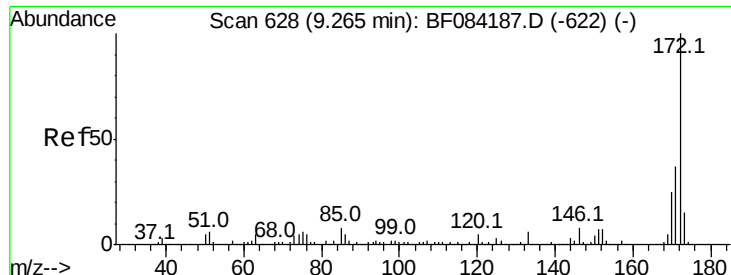


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



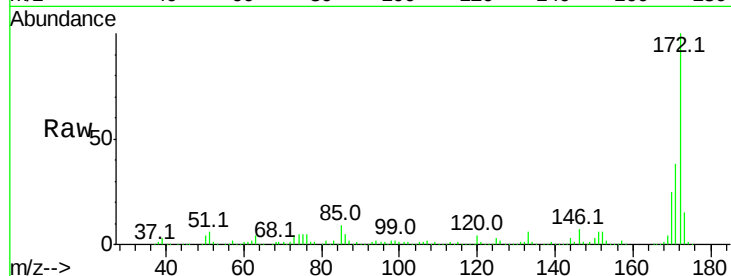


#44
 2-Fluorobiphenyl
 Concen: 86.98 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF084493.D
 Acq: 15 Jan 2016 16:17

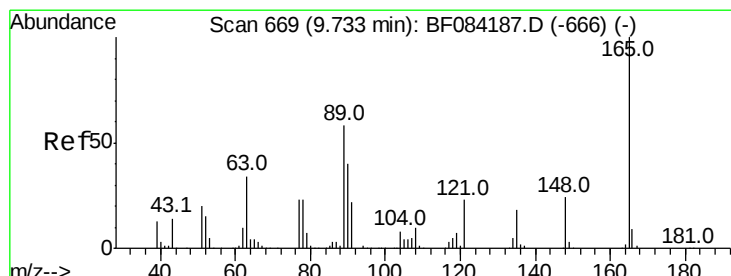
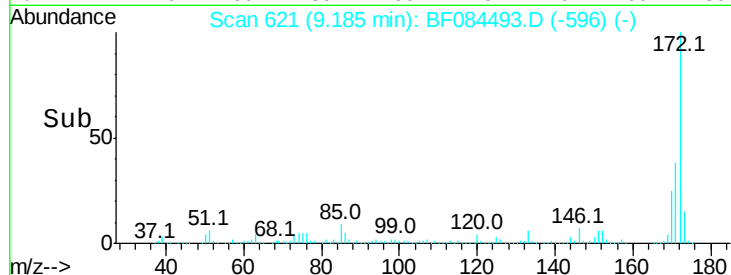
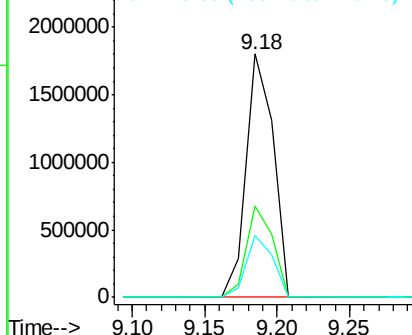
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2351376

Ion	Ratio	Lower	Upper
172	100		
171	37.6	28.9	43.3
170	25.3	18.6	27.8



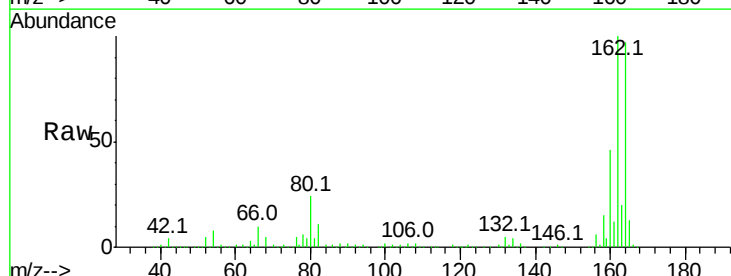
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



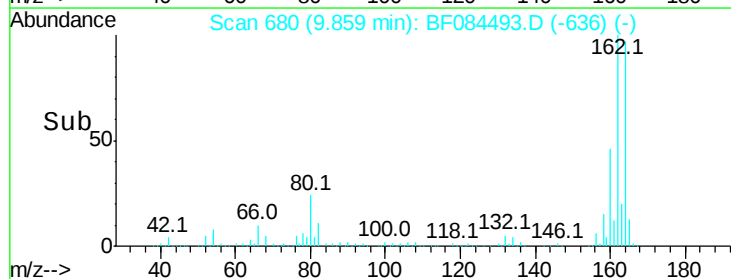
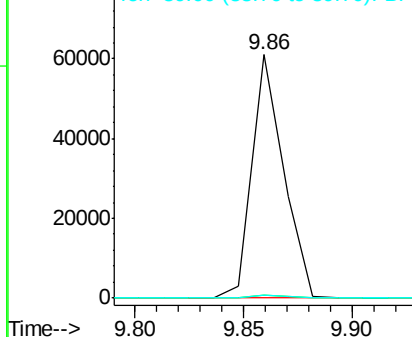
#50
 2,6-Dinitrotoluene
 Concen: 8.26 ng
 RT: 9.86 min Scan# 680
 Delta R.T. 0.21 min
 Lab File: BF084493.D
 Acq: 15 Jan 2016 16:17

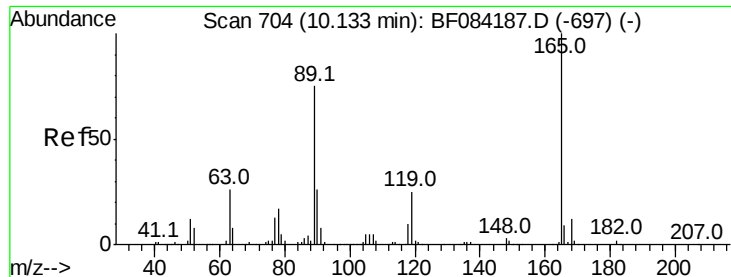
Tgt Ion:165 Resp: 61687

Ion	Ratio	Lower	Upper
165	100		
63	1.0	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





#56

2,4-Dinitrotoluene

Concen: 6.53 ng

RT: 9.86 min Scan# 680

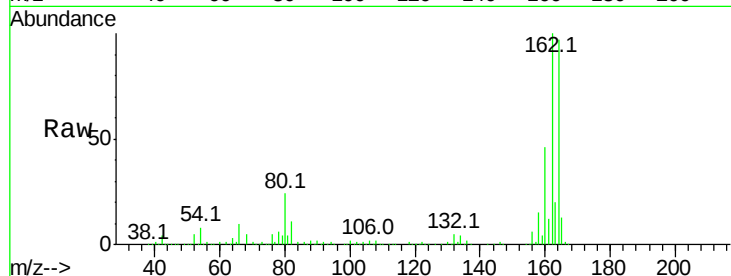
Delta R.T. -0.21 min

Lab File: BF084493.D

Acq: 15 Jan 2016 16:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	61692
Ion Ratio	Lower	Upper
165	100	
63	1.0	36.7 55.1#
89	1.3	61.9 92.9#
182	0.0	2.0 3.0#

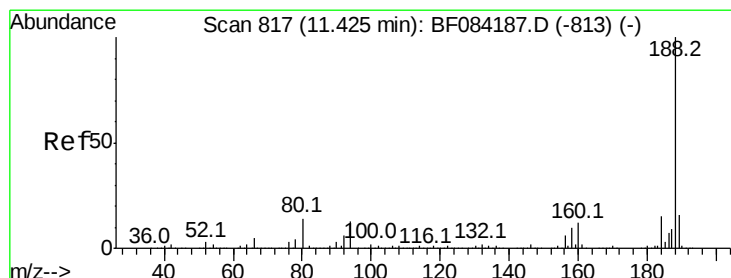
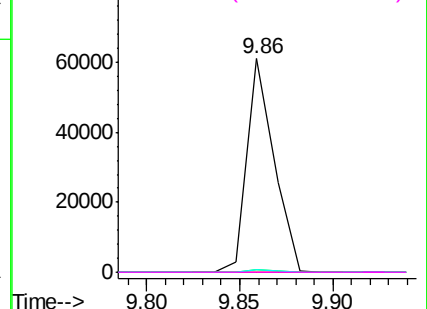
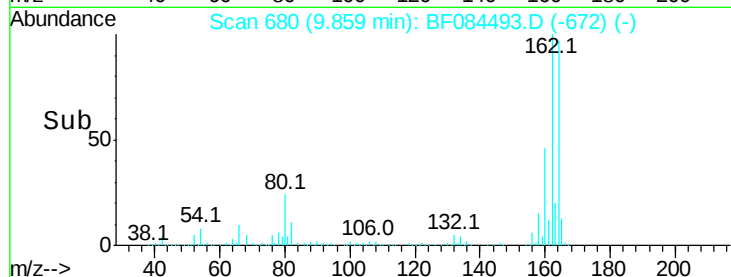


Abundance Ion 165.00 (164.70 to 165.70): E

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

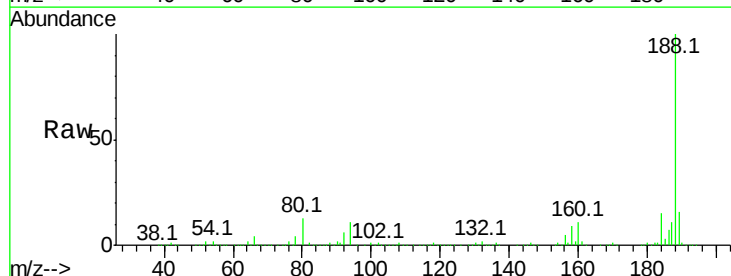
RT: 11.34 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF084493.D

Acq: 15 Jan 2016 16:17

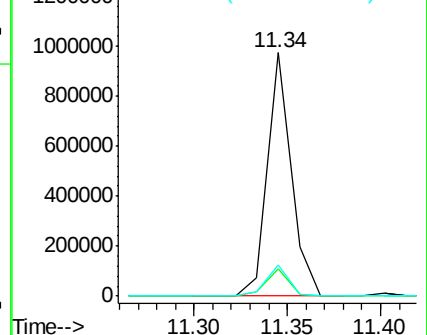
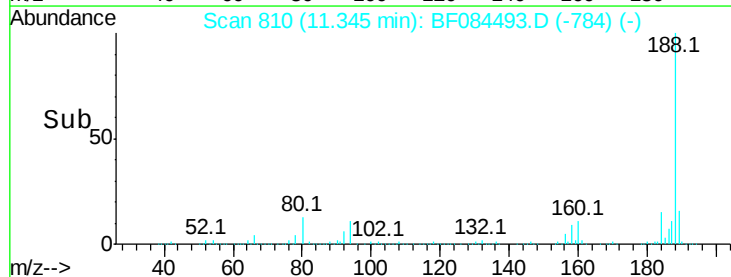
Tgt Ion:188	Resp:	856883
Ion Ratio	Lower	Upper
188	100	
94	11.4	9.0 13.4
80	12.7	9.6 14.4

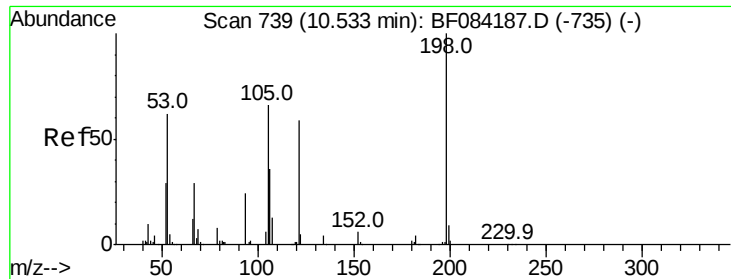


Abundance Ion 188.00 (187.70 to 188.70): E

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: 6.56 ng

RT: 10.65 min Scan# 749

Delta R.T. 0.18 min

Lab File: BF084493.D

Acq: 15 Jan 2016 16:17

Instrument :

BNA_F

ClientSampleId :

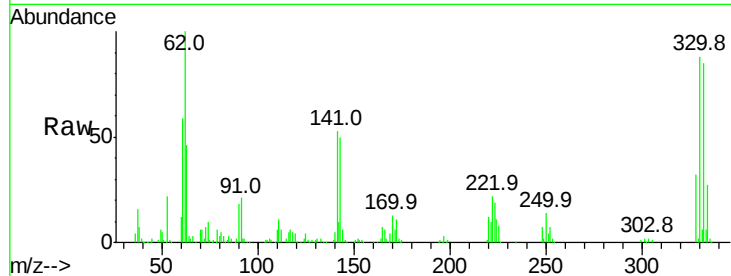
Tot Ion:198 Resp: 963

Ion Ratio Lower Upper

198 100

51 345.8 18.9 58.9#

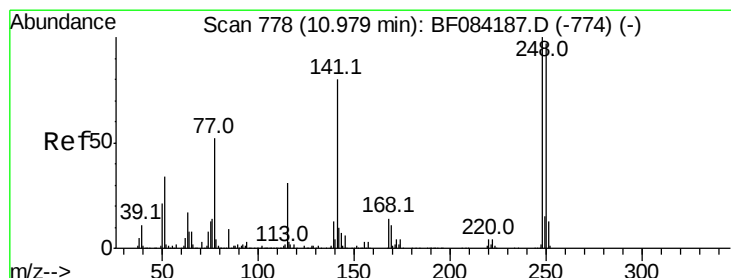
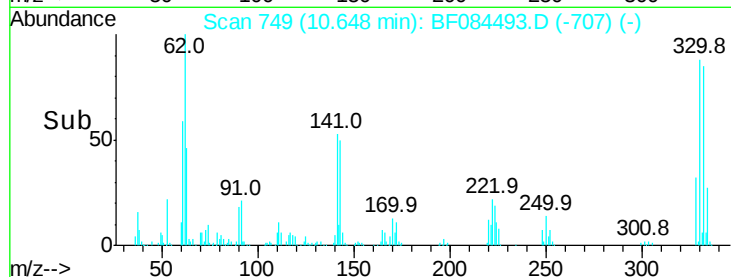
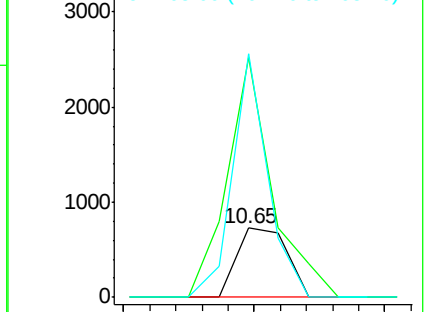
105 350.7 26.4 66.4#



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: 3.98 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.24 min

Lab File: BF084493.D

Acq: 15 Jan 2016 16:17

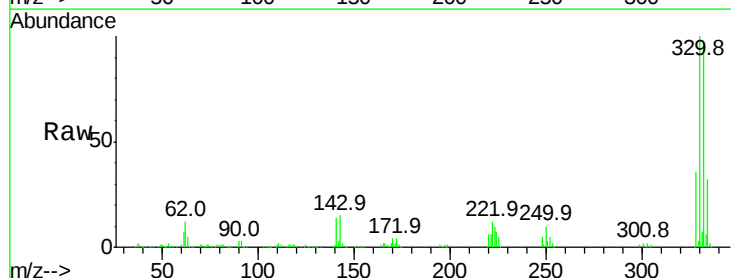
Tgt Ion:248 Resp: 36685

Ion Ratio Lower Upper

248 100

250 203.3 78.4 117.6#

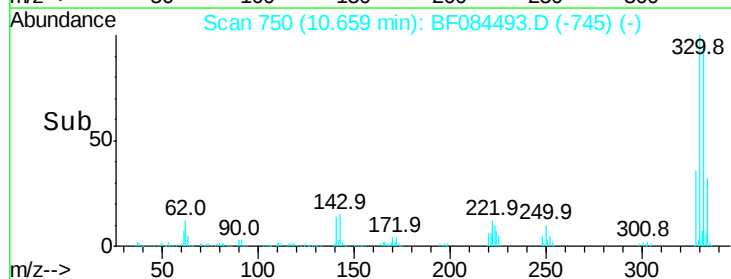
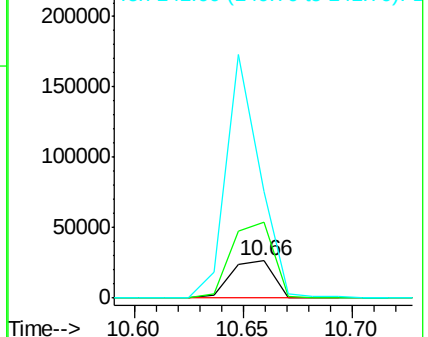
141 288.0 44.0 66.0#

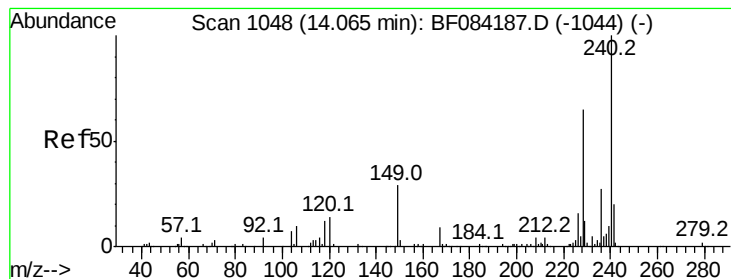


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.99 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF084493.D

Acq: 15 Jan 2016 16:17

Instrument :

BNA_F

ClientSampled :

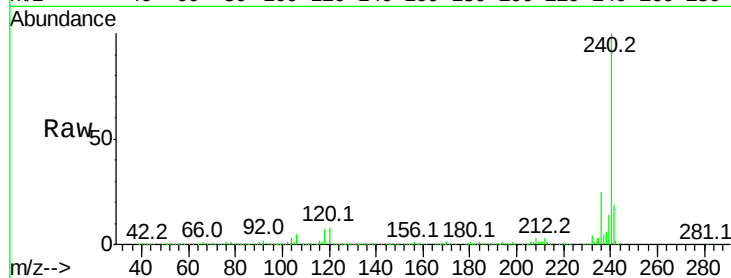
Tot Ion:240 Resp: 664476

Ion Ratio Lower Upper

240 100

120 8.3 9.5 14.3#

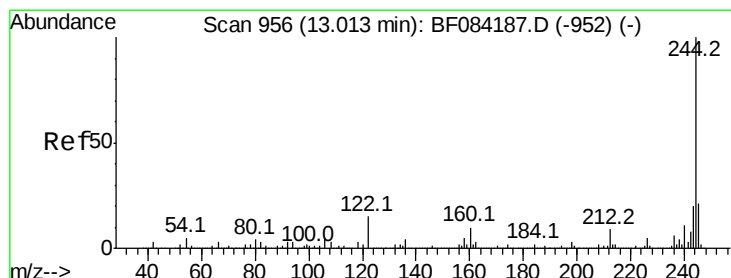
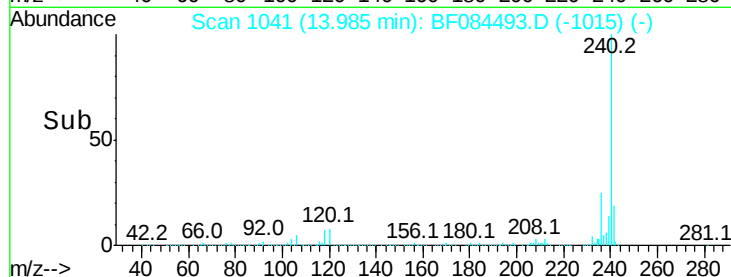
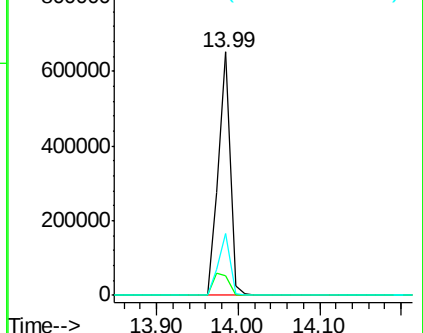
236 25.3 20.6 31.0



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: 69.22 ng

RT: 12.93 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF084493.D

Acq: 15 Jan 2016 16:17

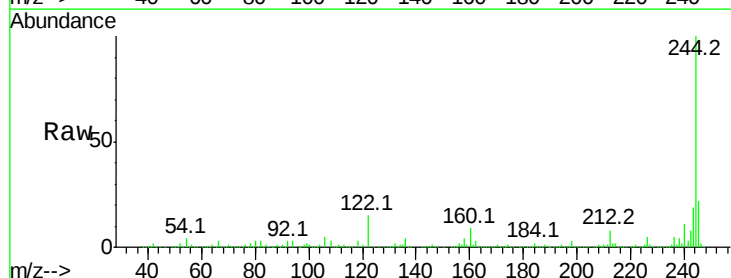
Tgt Ion:244 Resp: 2060667

Ion Ratio Lower Upper

244 100

212 7.9 5.7 8.5

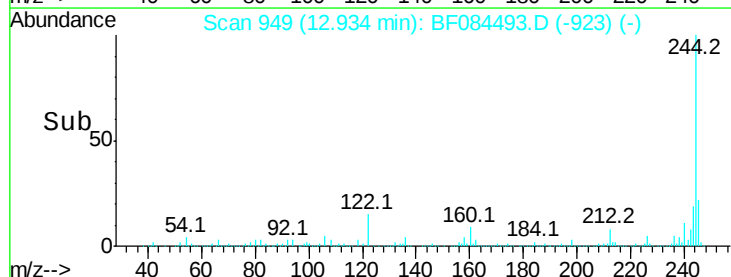
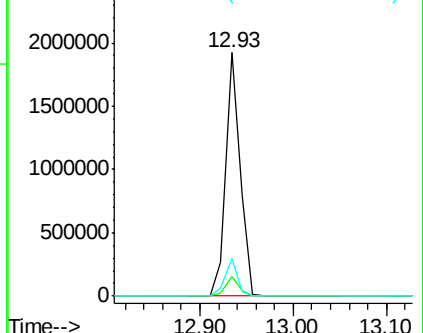
122 15.2 7.4 11.0#

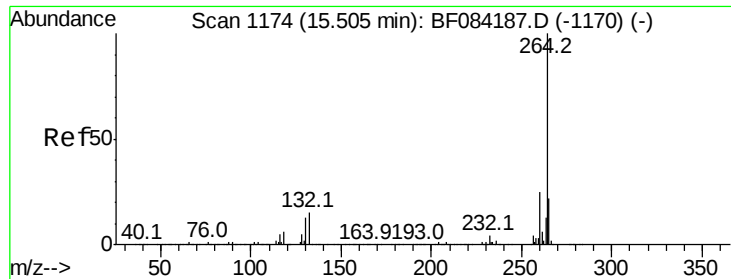


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BF084493.D
Acq: 15 Jan 2016 16:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 264 Resp: 564496

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.4	29.2
265	21.7	17.8	26.6

