

Data Path : U:\HPCHEM1\BNA F\DATA\BF011516\
 Data File : BF084491.D
 Acq On : 15 Jan 2016 15:21
 Operator : SJ/UM
 Sample : PB87835BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 16 01:32:37 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

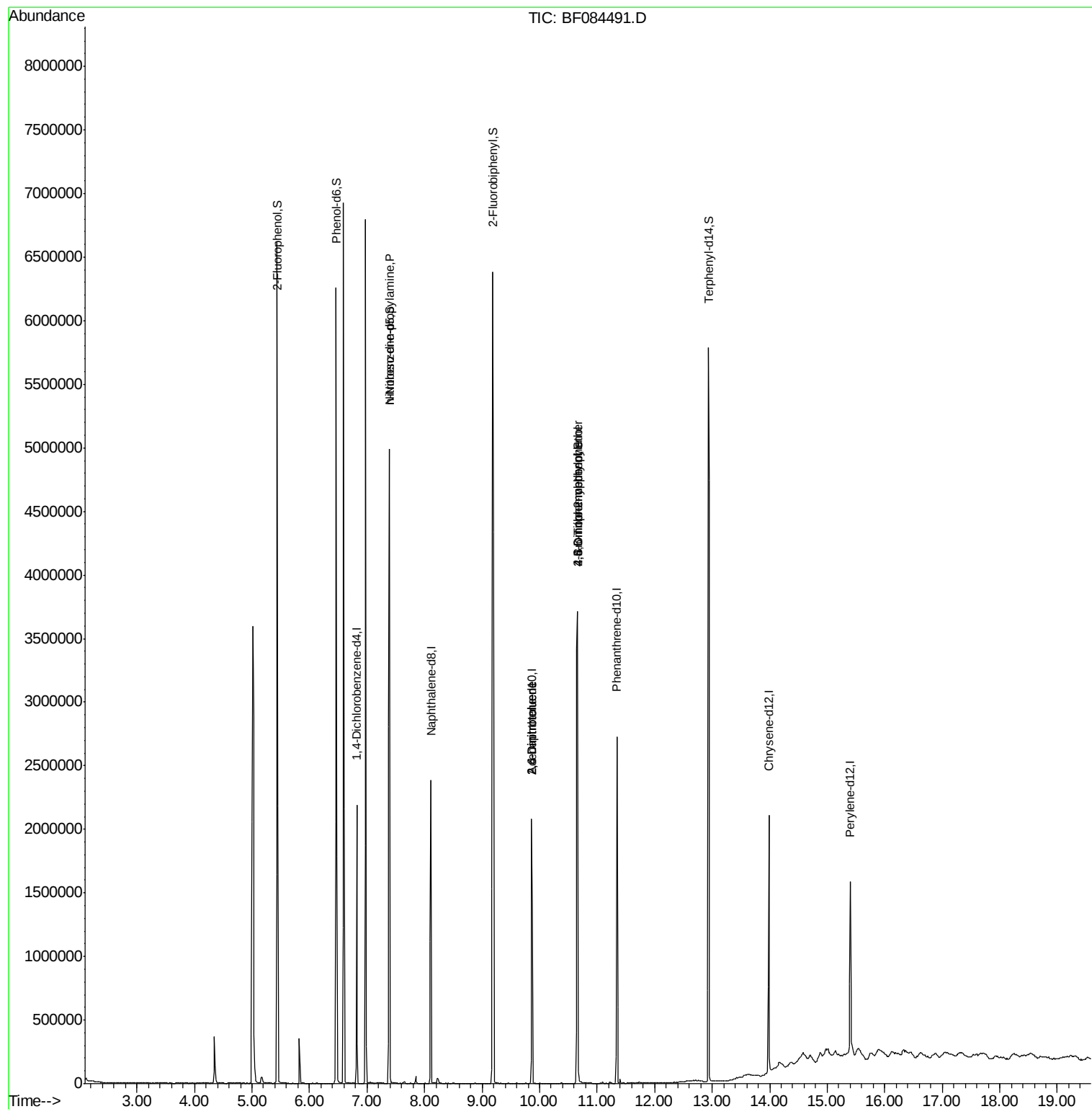
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	288206	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	1227276	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	530068	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	951800	20.00	ng	0.00
75) Chrysene-d12	13.99	240	719327	20.00	ng	0.00
86) Perylene-d12	15.40	264	582793	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	2045048	114.77	ng	0.01
7) Phenol-d6	6.46	99	2479290	110.79	ng	0.00
23) Nitrobenzene-d5	7.39	82	1879320	85.22	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	704694	131.68	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	2857066	95.61	ng	-0.01
78) Terphenyl-d14	12.93	244	2554685	79.28	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	264763	17.48	ng	# 75
50) 2,6-Dinitrotoluene	9.86	165	69225	8.33	ng	# 37
56) 2,4-Dinitrotoluene	9.86	165	69228	6.58	ng	# 21
57) Fluorene	10.65	166	28027	Below Cal		# 89
64) 4,6-Dinitro-2-methylphenol	10.66	198	1504	6.61	ng	# 1
66) 4-Bromophenyl-phenylether	10.66	248	44803	4.37	ng	# 1
73) Di-n-butylphthalate	11.92	149	2255	Below Cal		# 79

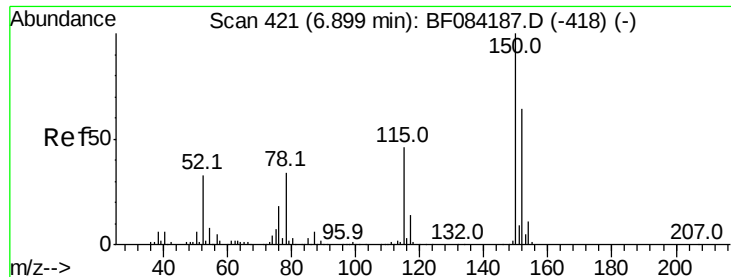
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 16 01:32:37 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



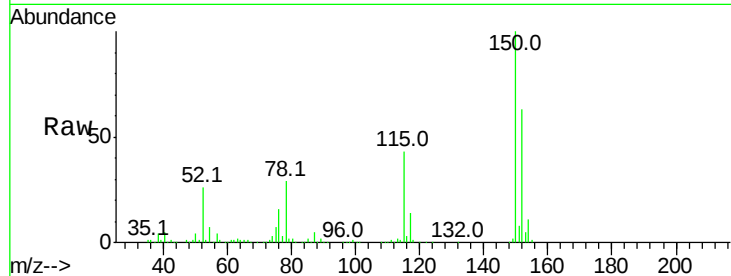


#1

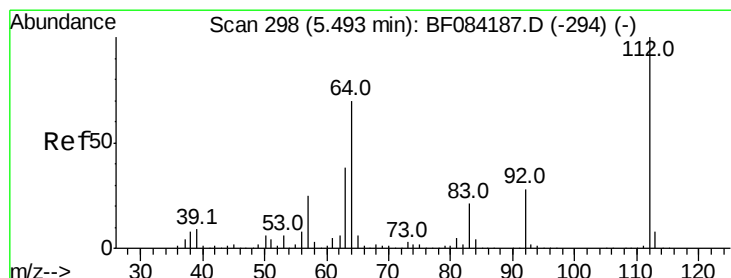
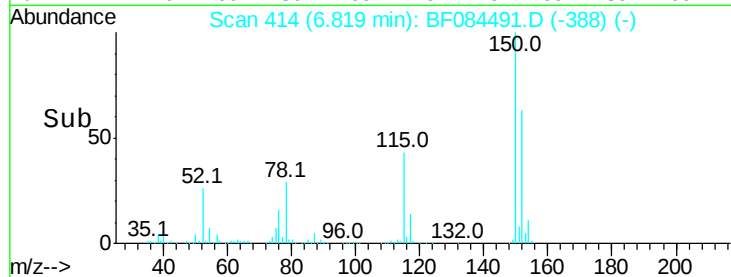
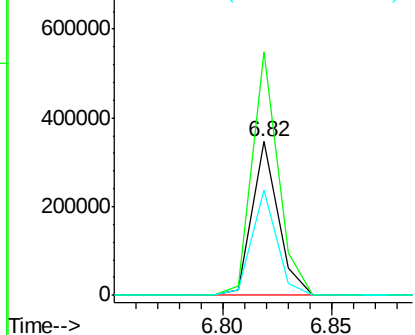
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF084491.D
Acq: 15 Jan 2016 15:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 288206
Ion Ratio Lower Upper
152 100
150 158.4 123.0 184.4
115 68.9 51.4 77.2



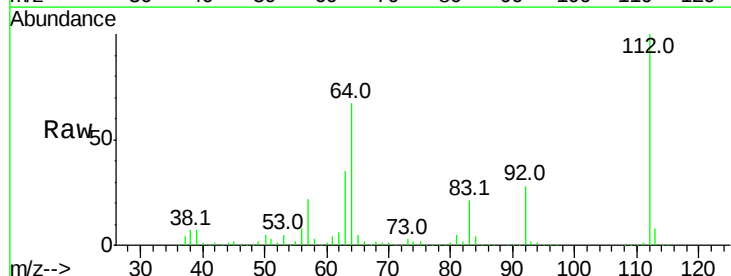
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



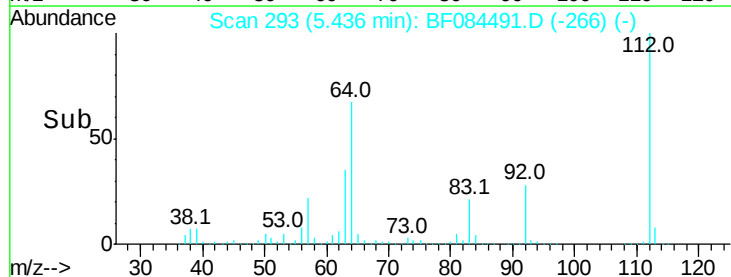
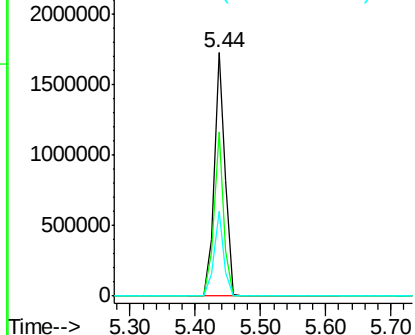
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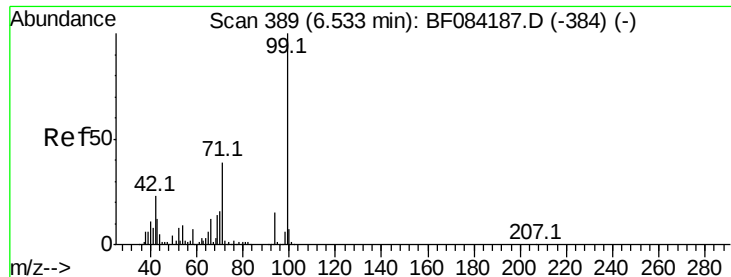
2-Fluorophenol
Concen: 114.77 ng
RT: 5.44 min Scan# 293
Delta R.T. 0.01 min
Lab File: BF084491.D
Acq: 15 Jan 2016 15:21

Tgt Ion:112 Resp: 2045048
Ion Ratio Lower Upper
112 100
64 67.3 36.6 55.0#
63 35.1 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: 110.79 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF084491.D

Acq: 15 Jan 2016 15:21

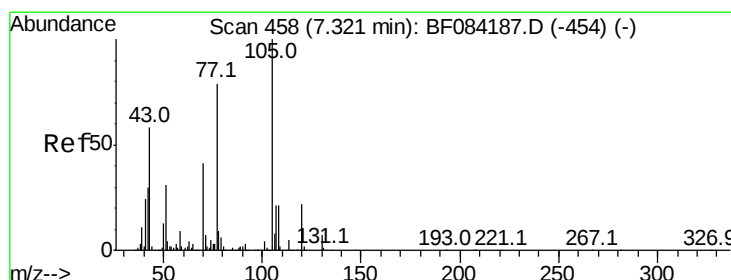
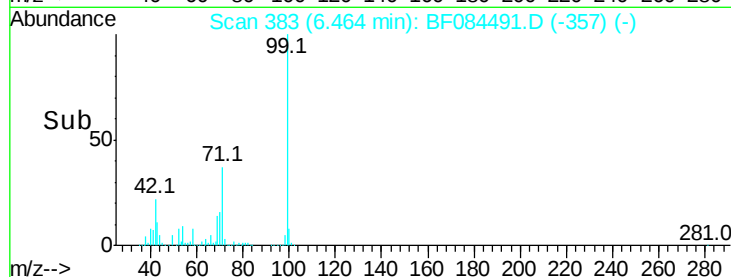
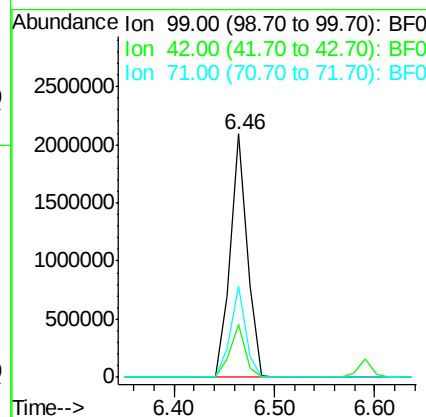
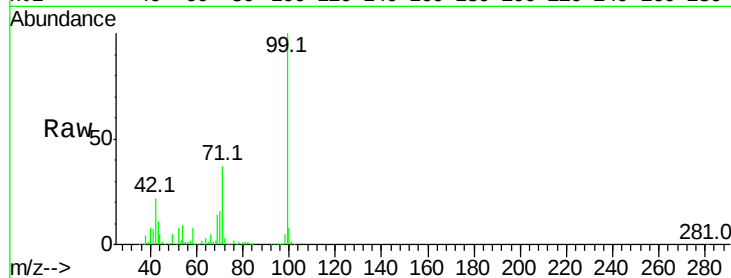
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 2479290

Ion	Ratio	Lower	Upper
99	100		
42	21.6	12.8	19.2#
71	37.4	30.9	46.3



#19

n-Nitroso-di-n-propylamine

Concen: 17.48 ng

RT: 7.39 min Scan# 464

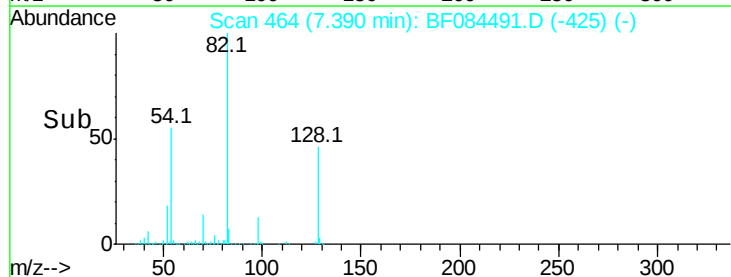
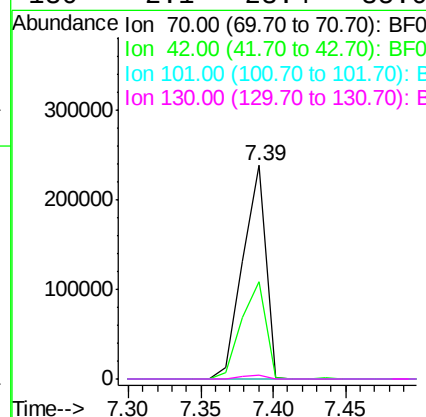
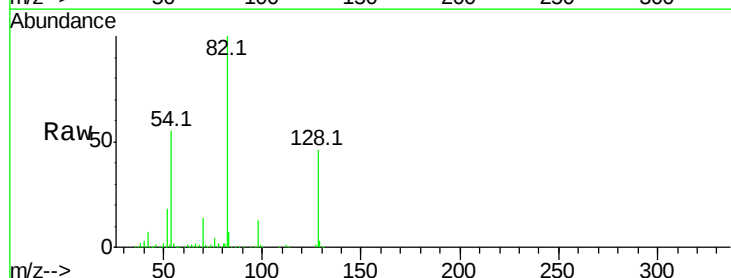
Delta R.T. 0.15 min

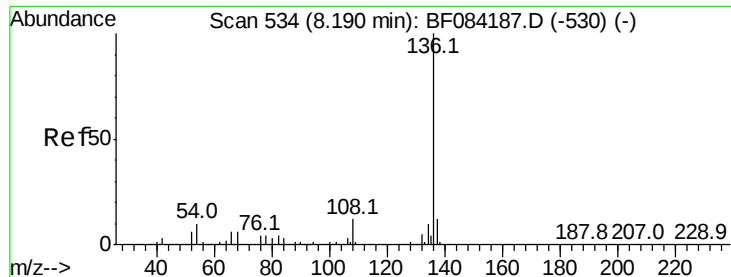
Lab File: BF084491.D

Acq: 15 Jan 2016 15:21

Tgt Ion: 70 Resp: 264763

Ion	Ratio	Lower	Upper
70	100		
42	45.5	33.3	49.9
101	0.0	9.3	13.9#
130	2.1	23.4	35.0#

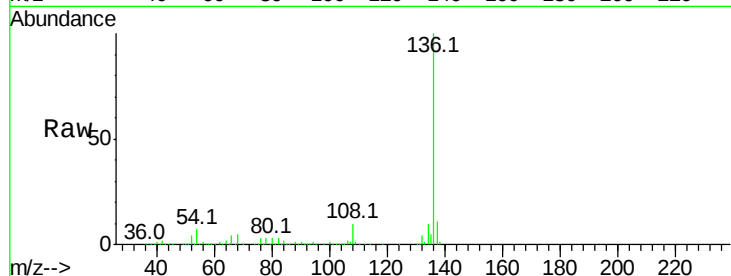




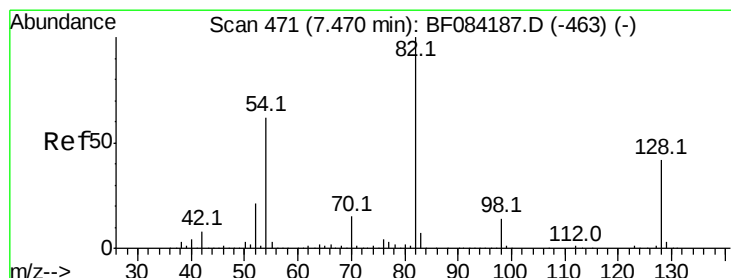
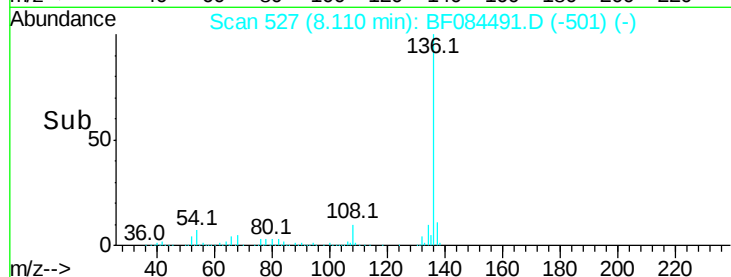
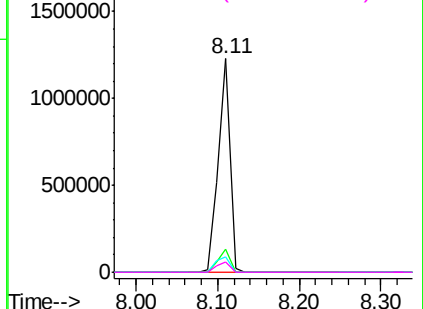
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF084491.D
Acq: 15 Jan 2016 15:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 1227276
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.3 5.8 8.8
68 5.0 4.2 6.2

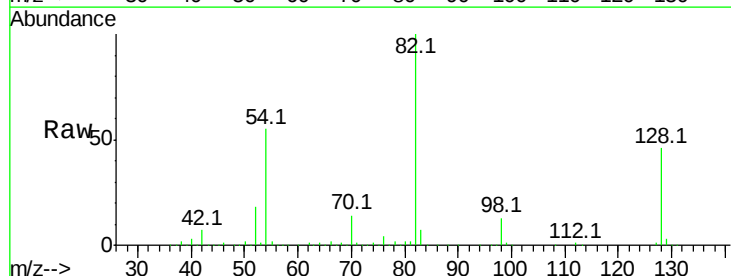


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

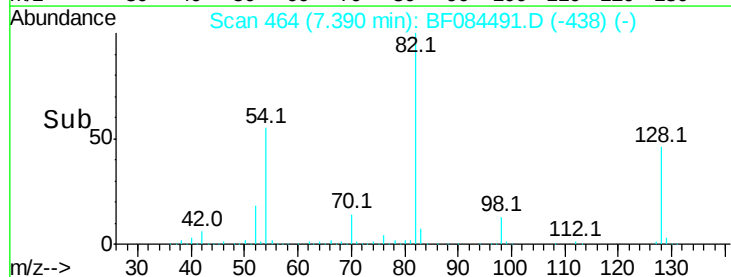
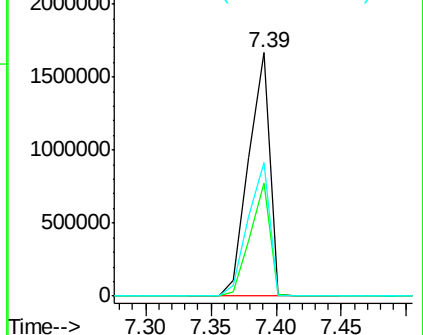


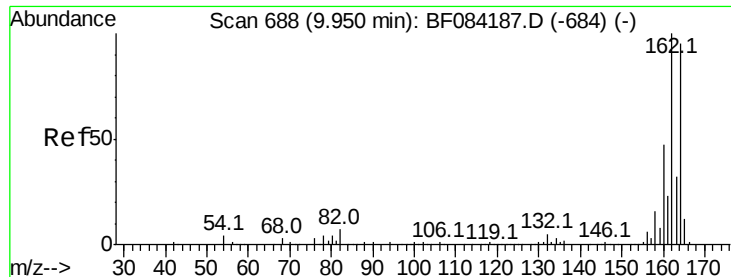
#23
Nitrobenzene-d5
Concen: 85.22 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF084491.D
Acq: 15 Jan 2016 15:21

Tgt Ion: 82 Resp: 1879320
Ion Ratio Lower Upper
82 100
128 46.4 34.6 51.8
54 55.0 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

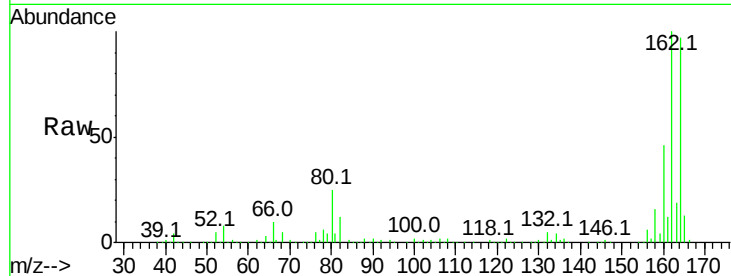




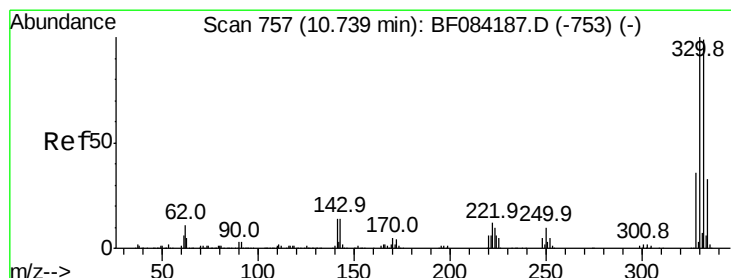
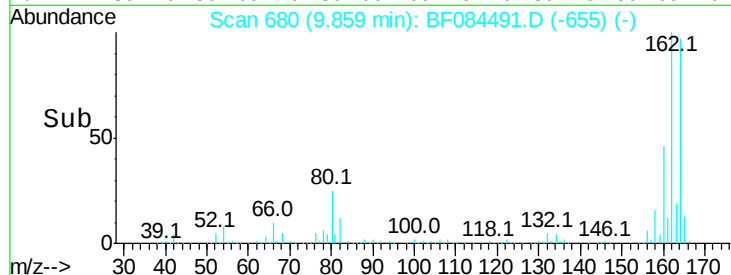
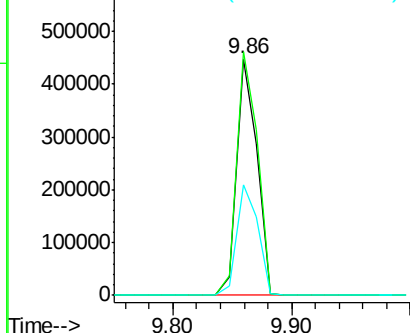
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.01 min
 Lab File: BF084491.D
 Acq: 15 Jan 2016 15:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 530068
 Ion Ratio Lower Upper
 164 100
 162 103.1 85.1 127.7
 160 47.0 37.5 56.3

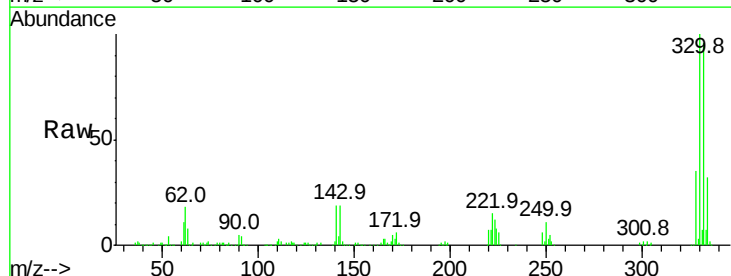


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

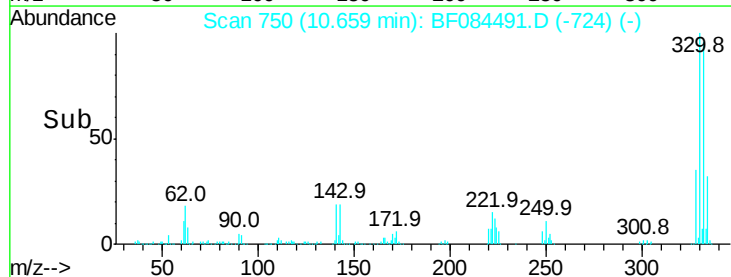
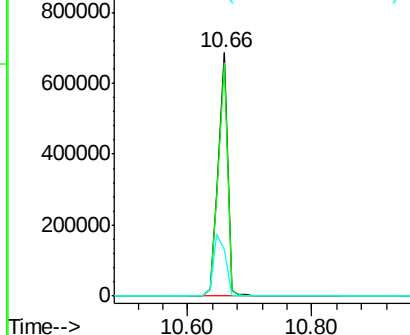


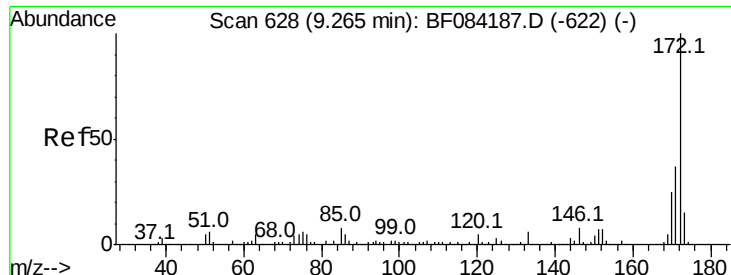
#41
 2,4,6-Tribromophenol
 Concen: 131.68 ng
 RT: 10.66 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF084491.D
 Acq: 15 Jan 2016 15:21

Tgt Ion:330 Resp: 704694
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 32.7 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



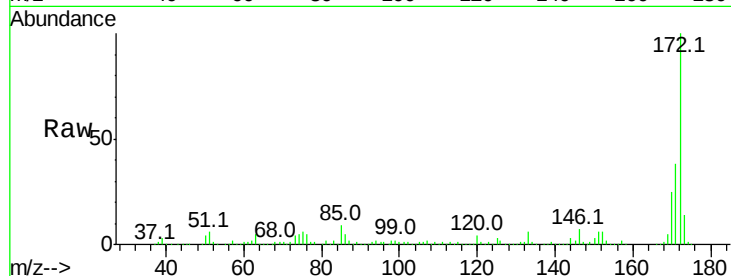


#44
 2-Fluorobiphenyl
 Concen: 95.61 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF084491.D
 Acq: 15 Jan 2016 15:21

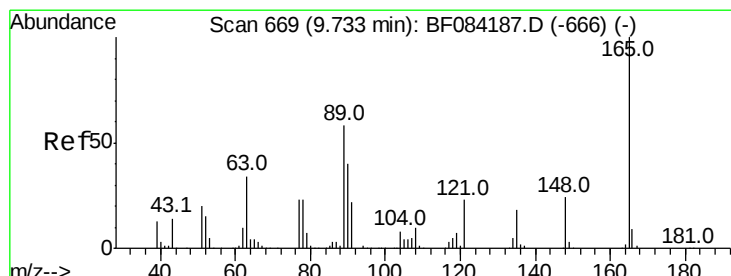
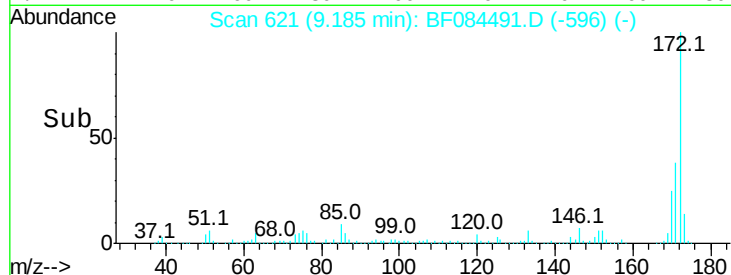
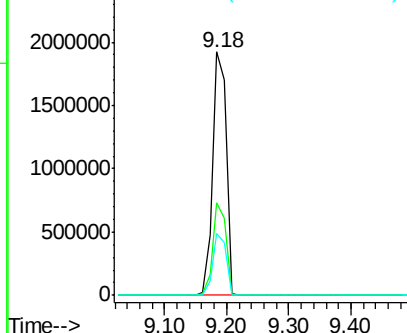
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 2857066

Ion	Ratio	Lower	Upper
172	100		
171	37.8	28.9	43.3
170	25.4	18.6	27.8



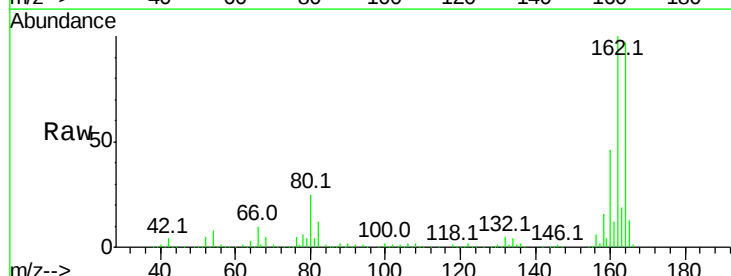
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



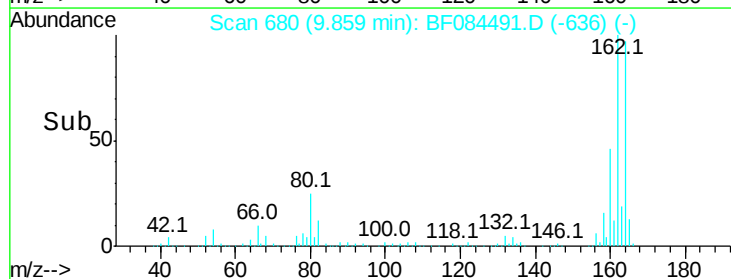
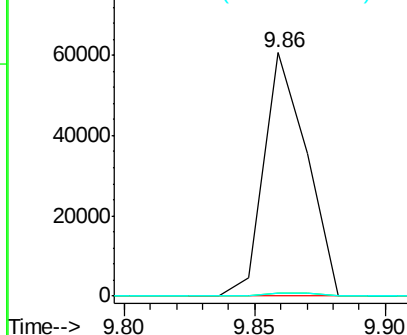
#50
 2,6-Dinitrotoluene
 Concen: 8.33 ng
 RT: 9.86 min Scan# 680
 Delta R.T. 0.21 min
 Lab File: BF084491.D
 Acq: 15 Jan 2016 15:21

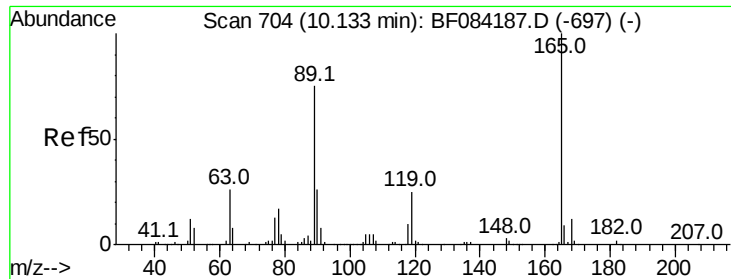
Tgt Ion:165 Resp: 69225

Ion	Ratio	Lower	Upper
165	100		
63	1.3	28.8	43.2#
89	1.2	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

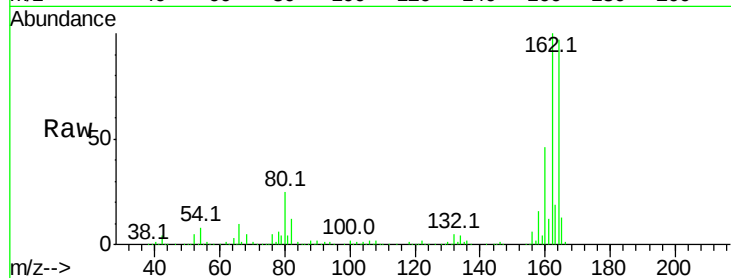




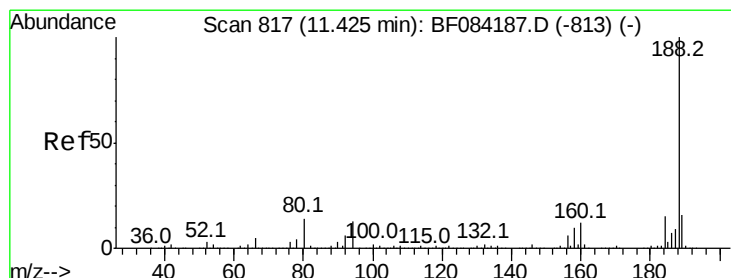
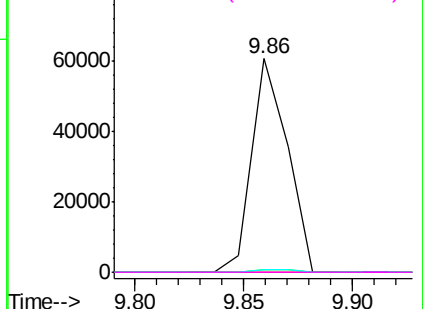
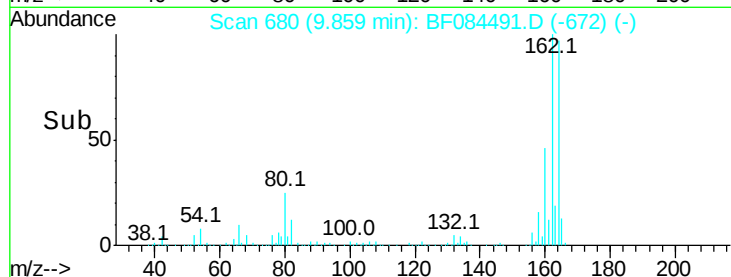
#56
 2,4-Dinitrotoluene
 Concen: 6.58 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.21 min
 Lab File: BF084491.D
 Acq: 15 Jan 2016 15:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 69228
 Ion Ratio Lower Upper
 165 100
 63 1.3 36.7 55.1#
 89 1.2 61.9 92.9#
 182 0.0 2.0 3.0#

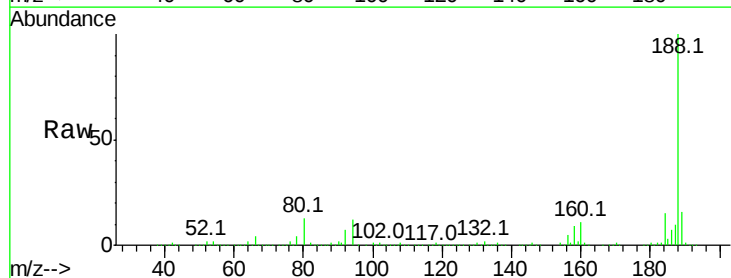


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

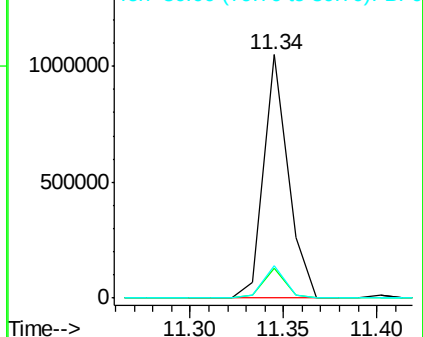
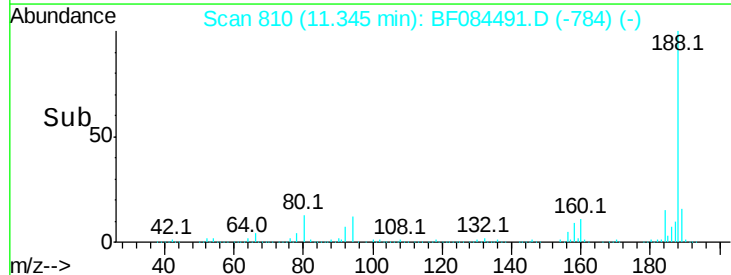


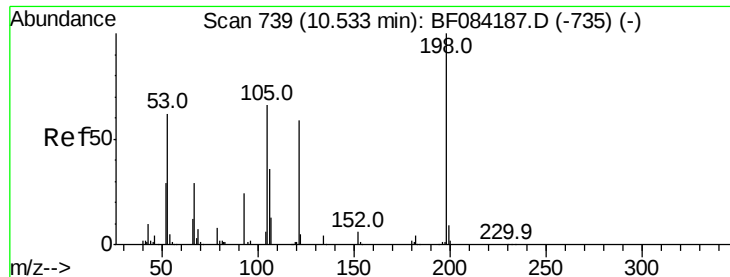
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF084491.D
 Acq: 15 Jan 2016 15:21

Tgt Ion:188 Resp: 951800
 Ion Ratio Lower Upper
 188 100
 94 12.1 9.0 13.4
 80 13.1 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: 6.61 ng

RT: 10.66 min Scan# 750

Delta R.T. 0.19 min

Lab File: BF084491.D

Acq: 15 Jan 2016 15:21

Instrument :

BNA_F

ClientSampleId :

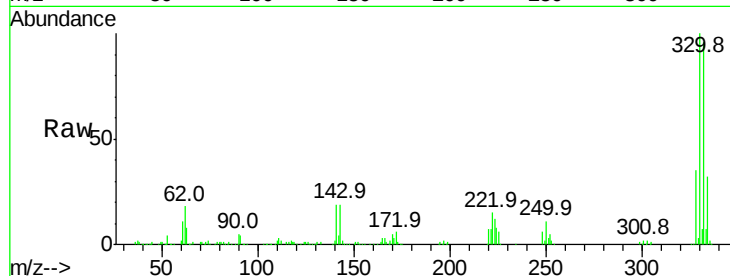
Tot Ion:198 Resp: 1504

Ion Ratio Lower Upper

198 100

51 107.8 18.9 58.9#

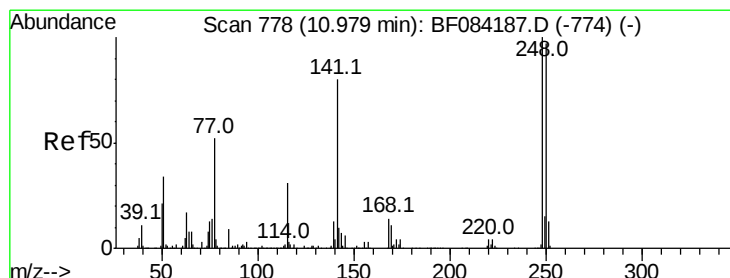
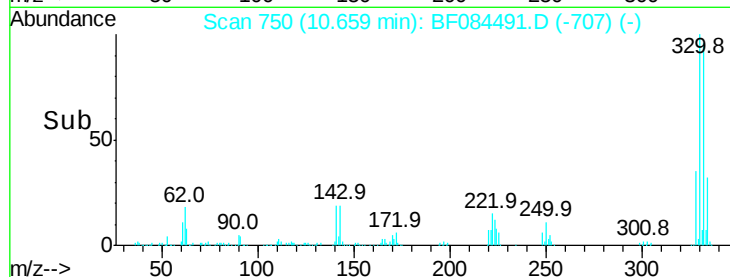
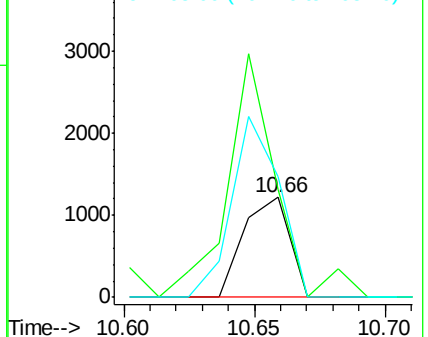
105 121.4 26.4 66.4#



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: 4.37 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.24 min

Lab File: BF084491.D

Acq: 15 Jan 2016 15:21

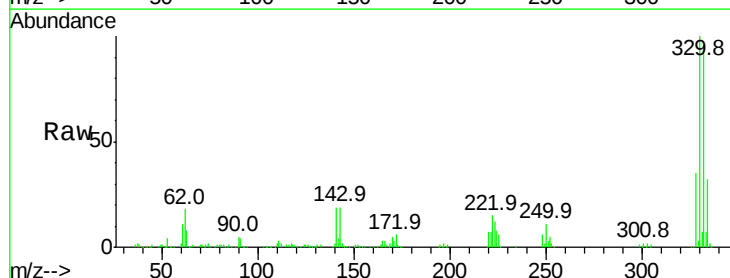
Tgt Ion:248 Resp: 44803

Ion Ratio Lower Upper

248 100

250 198.1 78.4 117.6#

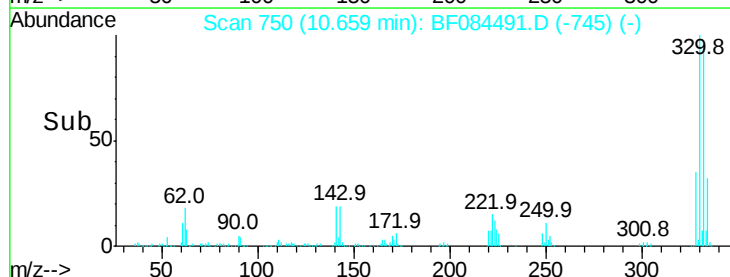
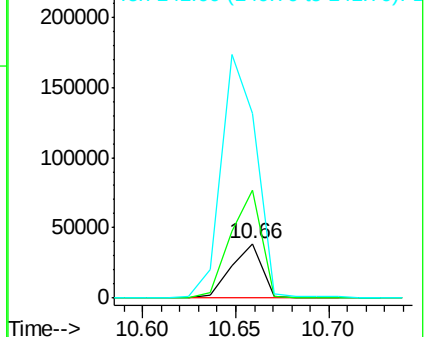
141 338.5 44.0 66.0#

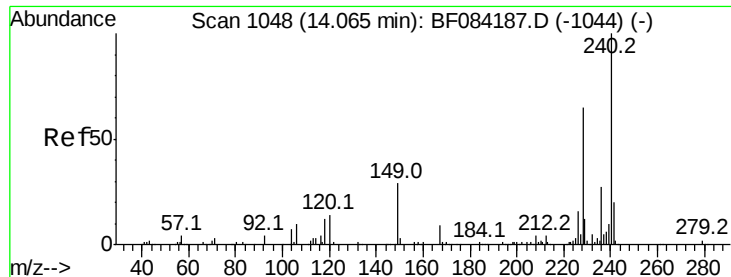


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF084491.D

Acq: 15 Jan 2016 15:21

Instrument :

BNA_F

ClientSampled :

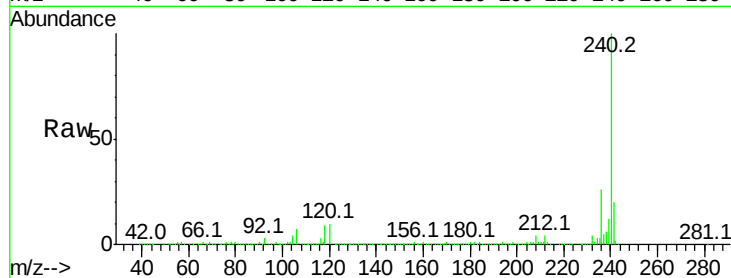
Tot Ion:240 Resp: 719327

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

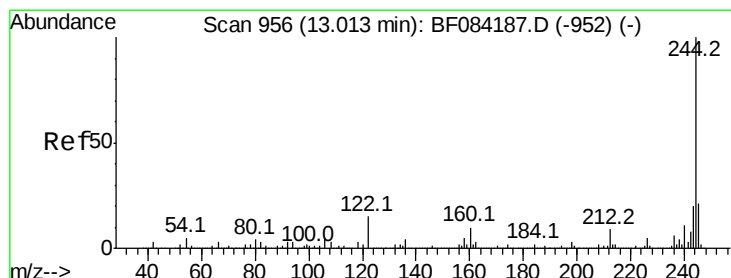
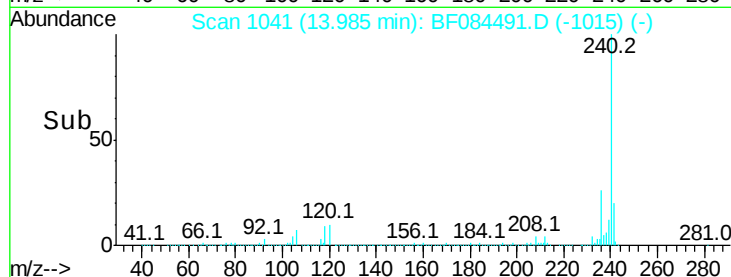
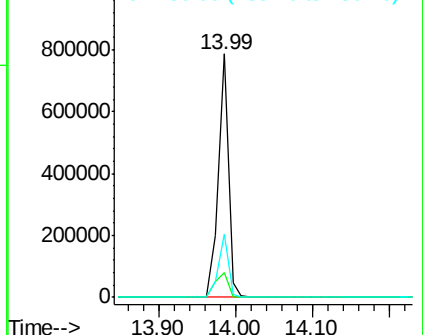
236 25.7 20.6 31.0



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: 79.28 ng

RT: 12.93 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF084491.D

Acq: 15 Jan 2016 15:21

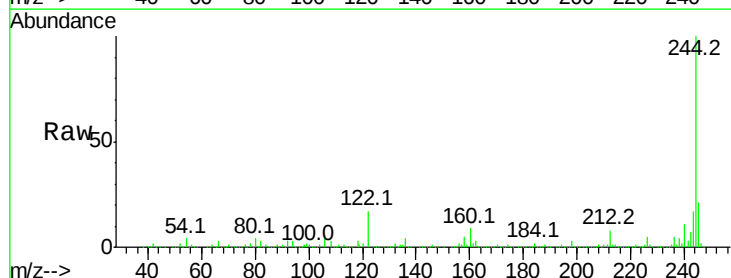
Tgt Ion:244 Resp: 2554685

Ion Ratio Lower Upper

244 100

212 7.9 5.7 8.5

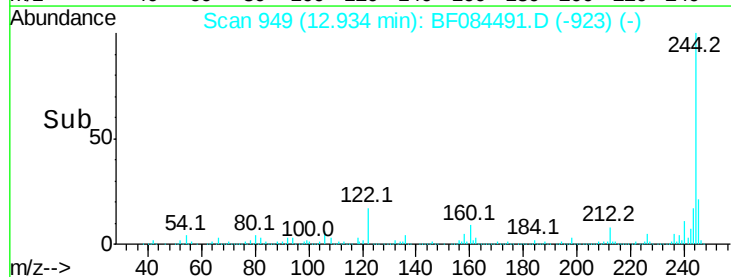
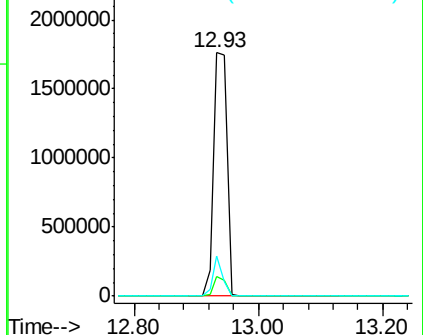
122 16.5 7.4 11.0#

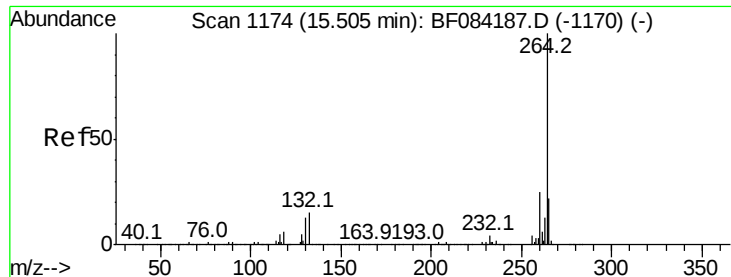


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF084491.D
Acq: 15 Jan 2016 15:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	22.4	17.8	26.6

