

Data Path : U:\HPCHEM1\BNA F\DATA\BF011516\
 Data File : BF084498.D
 Acq On : 15 Jan 2016 18:38
 Operator : SJ/UM
 Sample : H1127-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 16 01:34:49 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

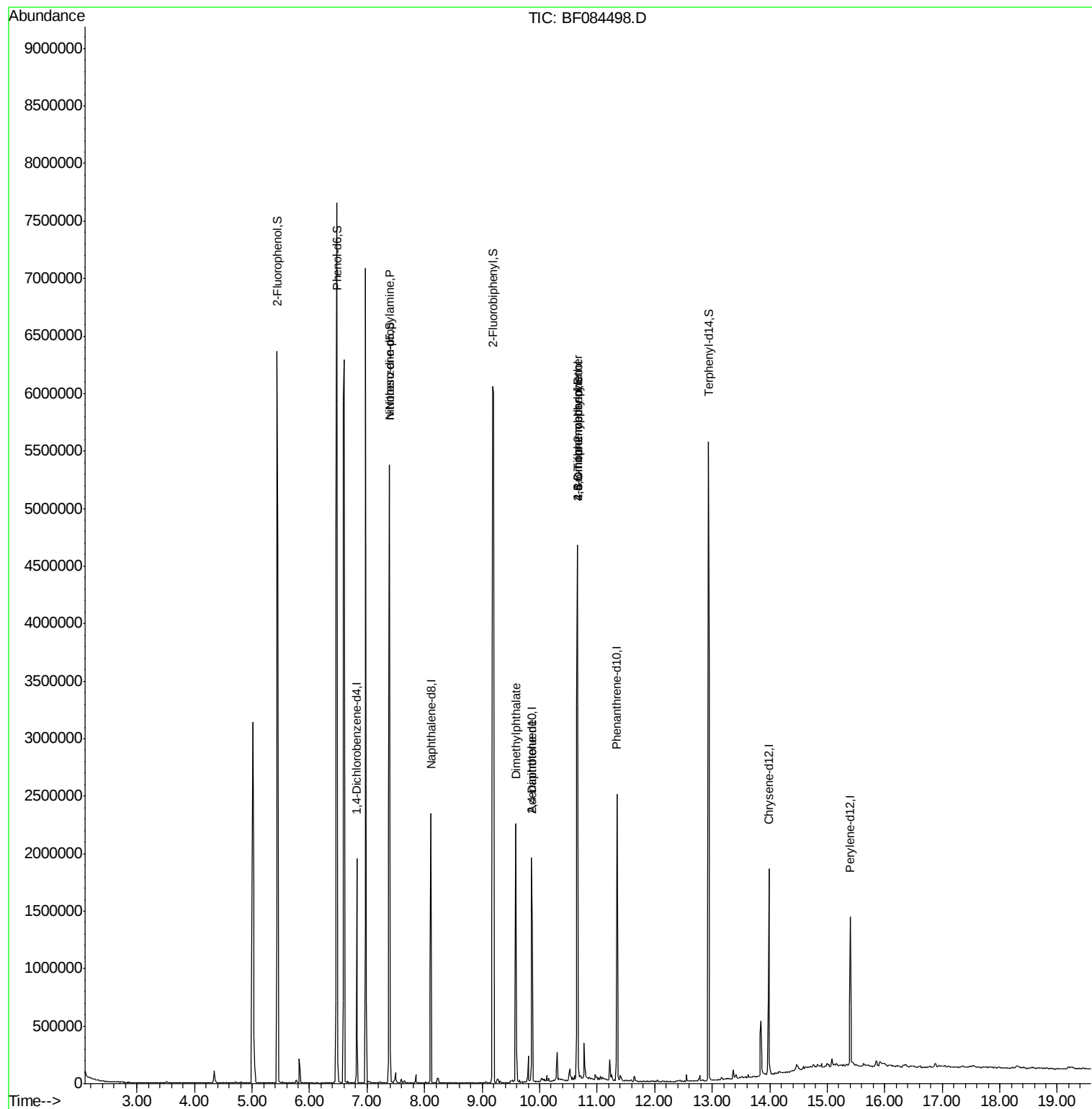
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	269043	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	1142246	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	500729	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	870084	20.00	ng	0.00
75) Chrysene-d12	13.99	240	647422	20.00	ng	0.00
86) Perylene-d12	15.40	264	569407	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	2479452	149.06	ng	0.01
7) Phenol-d6	6.48	99	3074520	147.17	ng	0.01
23) Nitrobenzene-d5	7.39	82	1866324	90.94	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	745053	147.38	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	3065941	109.54	ng	0.00
78) Terphenyl-d14	12.93	244	2273712	78.39	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	264298	18.69	ng	# 72
49) Dimethylphthalate	9.58	163	845140	23.61	ng	# 90
54) Dibenzofuran	10.06	168	512	Below Cal		# 70
56) 2,4-Dinitrotoluene	9.86	165	65327	6.57	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.66	198	1532	6.64	ng	# 1
66) 4-Bromophenyl-phenylether	10.66	248	50235	5.36	ng	# 1
73) Di-n-butylphthalate	11.92	149	3762	Below Cal		# 91

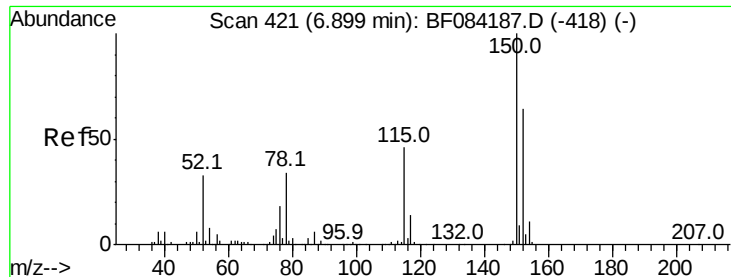
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 16 01:34:49 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: BF084498.D

Acq: 15 Jan 2016 18:38

Instrument :

BNA_F

ClientSampleId :

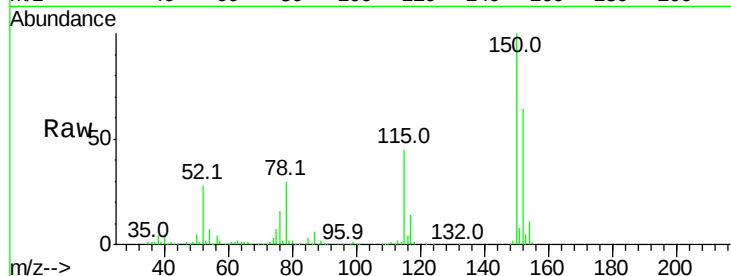
Tot Ion:152 Resp: 269043

Ion Ratio Lower Upper

152 100

150 155.9 123.0 184.4

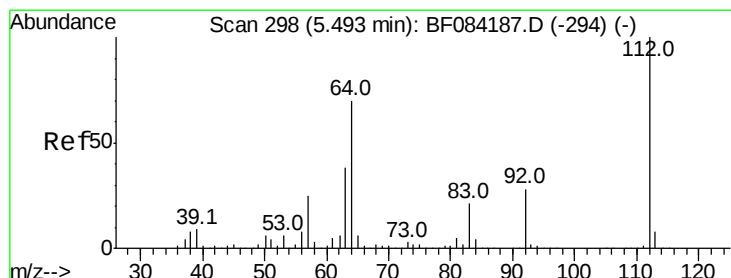
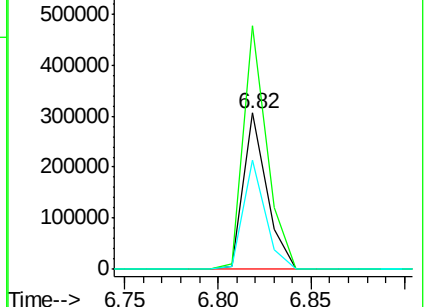
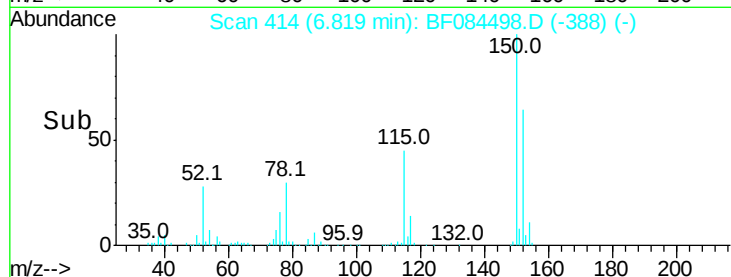
115 70.0 51.4 77.2



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: 149.06 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF084498.D

Acq: 15 Jan 2016 18:38

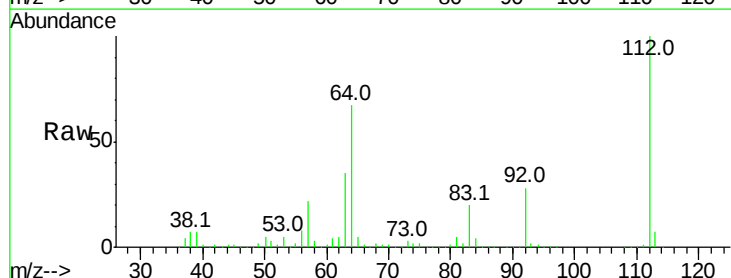
Tgt Ion:112 Resp: 2479452

Ion Ratio Lower Upper

112 100

64 66.8 36.6 55.0#

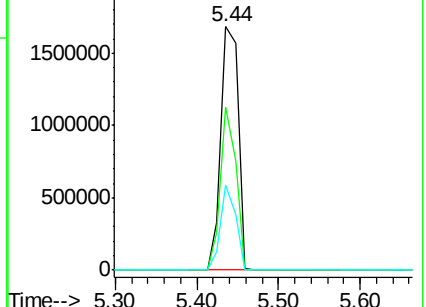
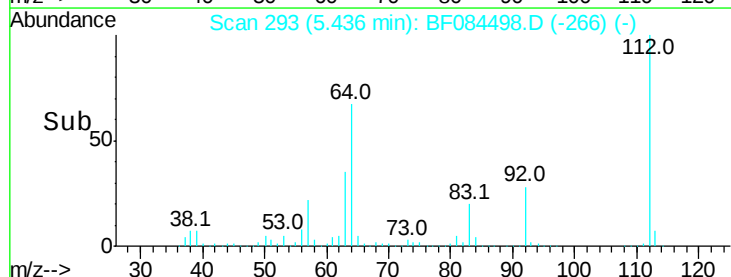
63 34.7 19.4 29.0#

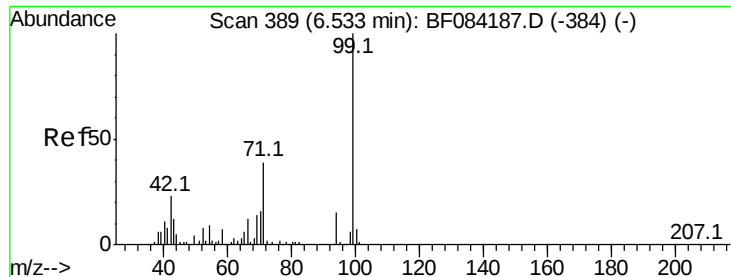


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 147.17 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF084498.D

Acq: 15 Jan 2016 18:38

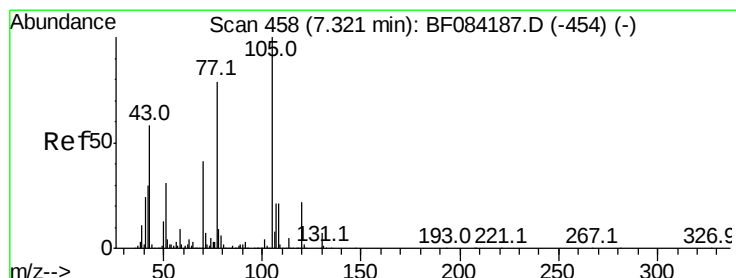
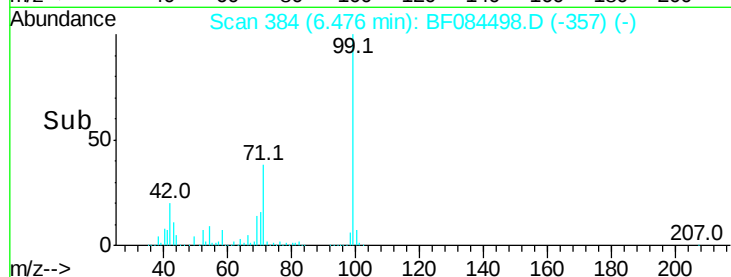
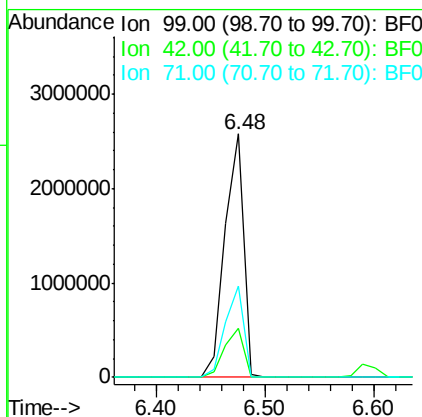
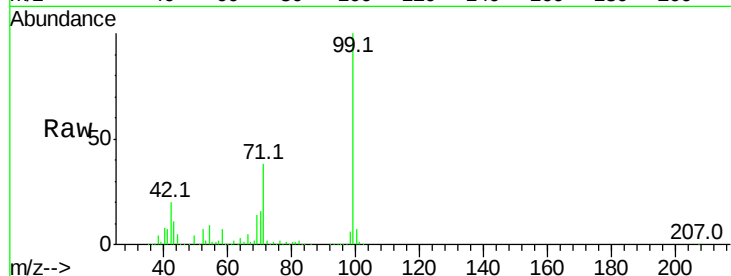
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 3074520

Ion	Ratio	Lower	Upper
99	100		
42	20.2	12.8	19.2#
71	37.7	30.9	46.3



#19

n-Nitroso-di-n-propylamine

Concen: 18.69 ng

RT: 7.39 min Scan# 464

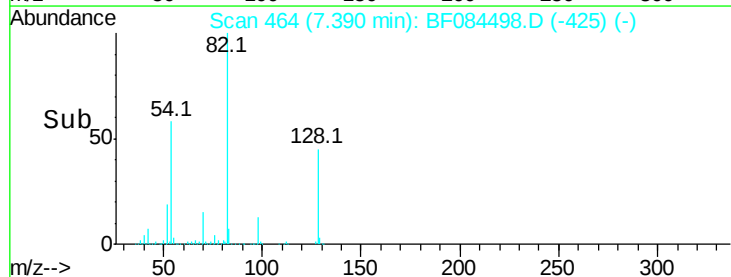
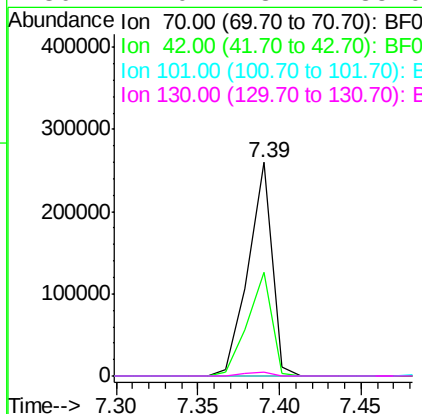
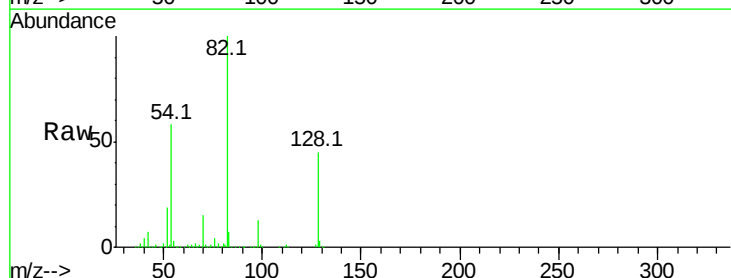
Delta R.T. 0.15 min

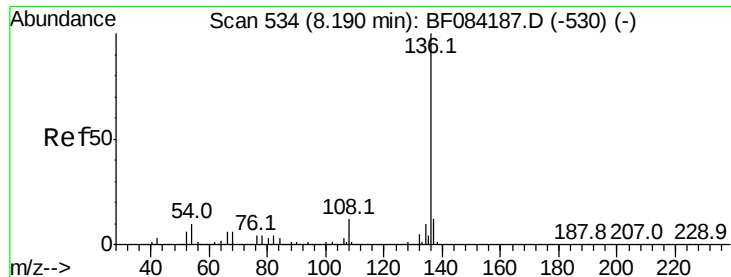
Lab File: BF084498.D

Acq: 15 Jan 2016 18:38

Tgt Ion: 70 Resp: 264298

Ion	Ratio	Lower	Upper
70	100		
42	48.6	33.3	49.9
101	0.0	9.3	13.9#
130	2.0	23.4	35.0#

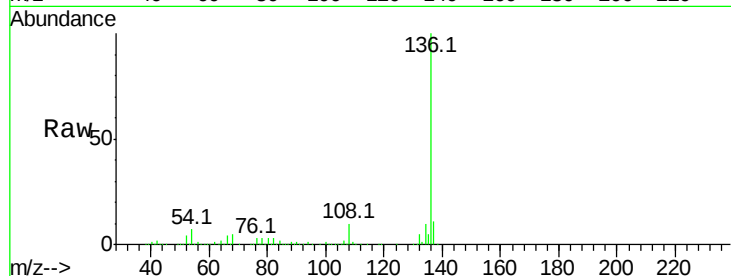




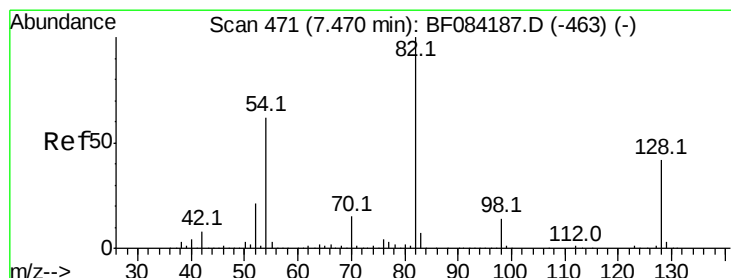
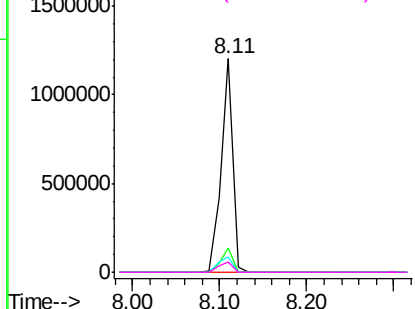
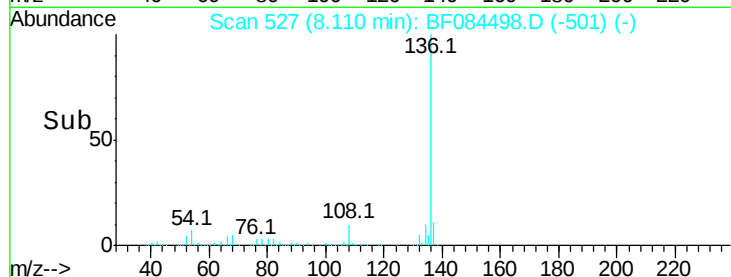
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF084498.D
Acq: 15 Jan 2016 18:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 1142246
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 7.3 5.8 8.8
68 5.0 4.2 6.2

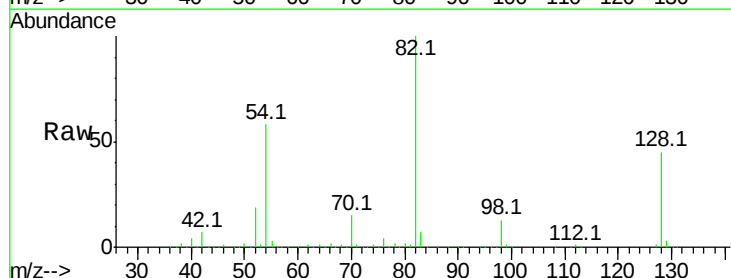


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

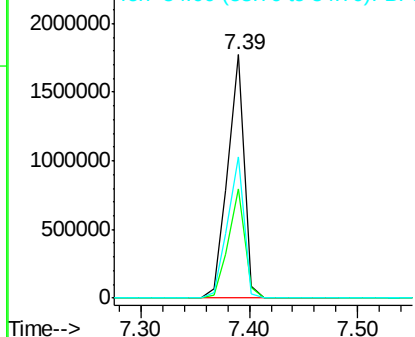
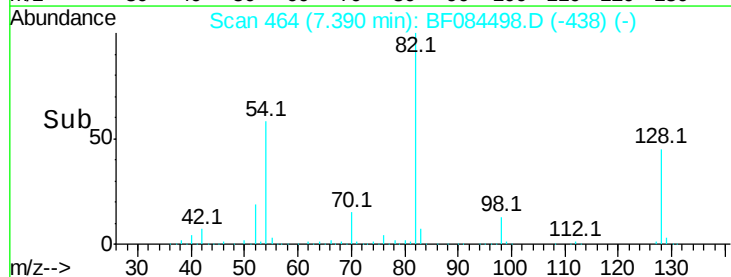


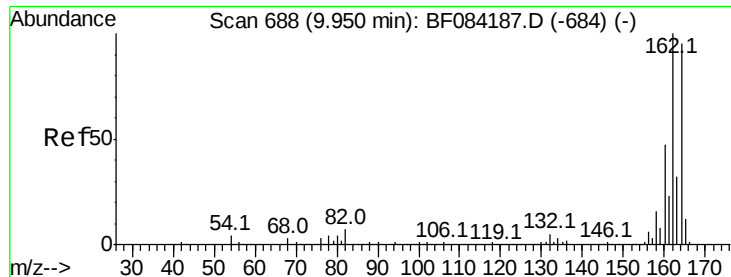
#23
Nitrobenzene-d5
Concen: 90.94 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF084498.D
Acq: 15 Jan 2016 18:38

Tgt Ion: 82 Resp: 1866324
Ion Ratio Lower Upper
82 100
128 44.7 34.6 51.8
54 58.1 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

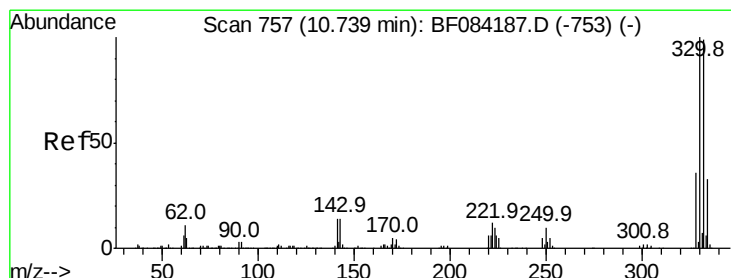
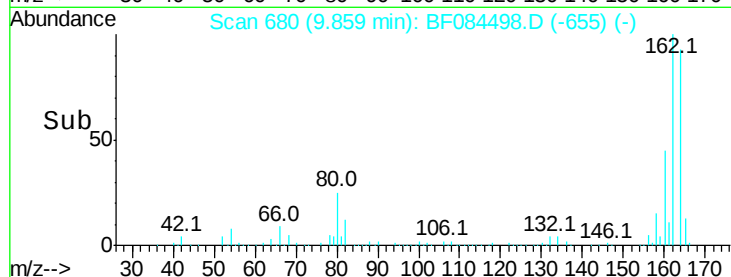
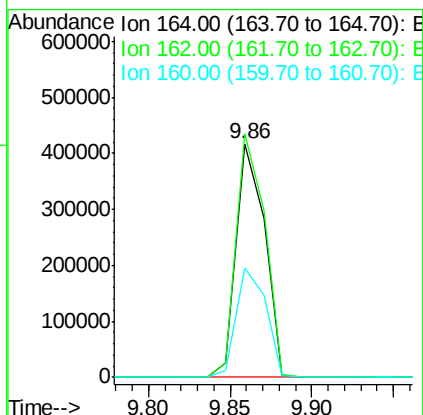
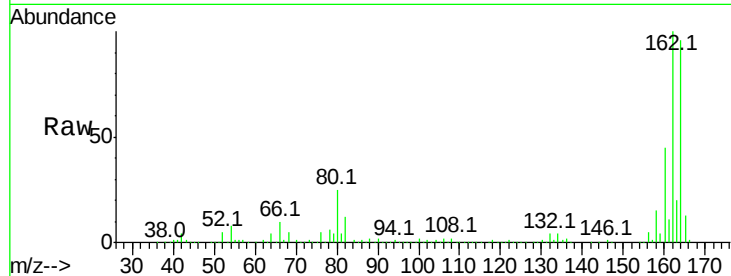




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.01 min
 Lab File: BF084498.D
 Acq: 15 Jan 2016 18:38

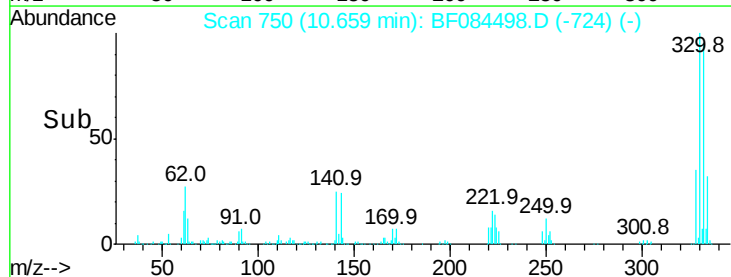
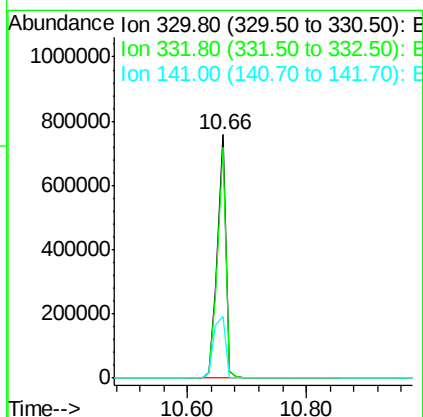
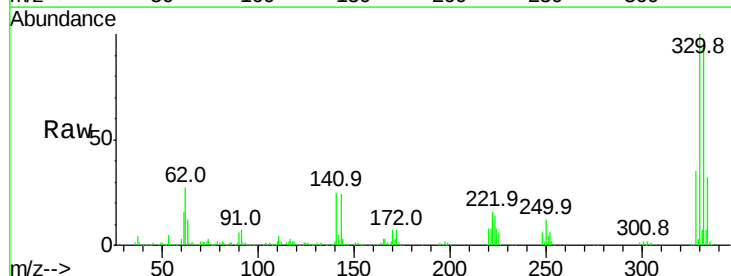
Instrument :
 BNA_F
 ClientSampleId :

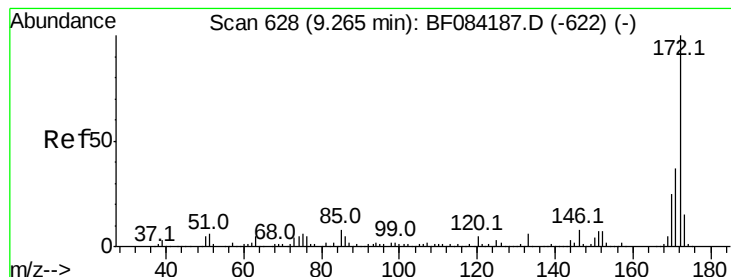
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.1	85.1	127.7
160	46.8	37.5	56.3



#41
 2,4,6-Tribromophenol
 Concen: 147.38 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF084498.D
 Acq: 15 Jan 2016 18:38

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	114.8
141	35.3	27.8	41.6





#44

2-Fluorobiphenyl

Concen: 109.54 ng

RT: 9.20 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF084498.D

Acq: 15 Jan 2016 18:38

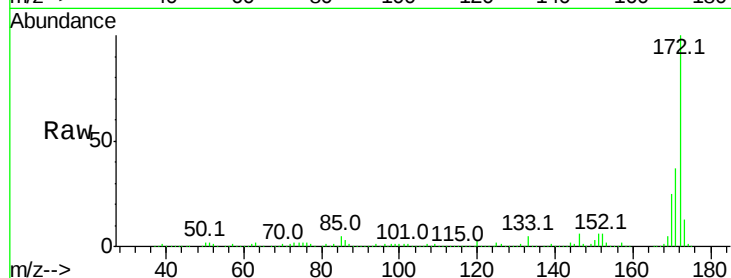
Instrument :

BNA_F

ClientSampled :

Tot Ion:172 Resp: 3065941

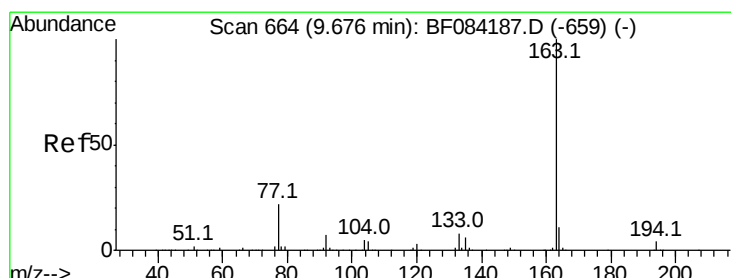
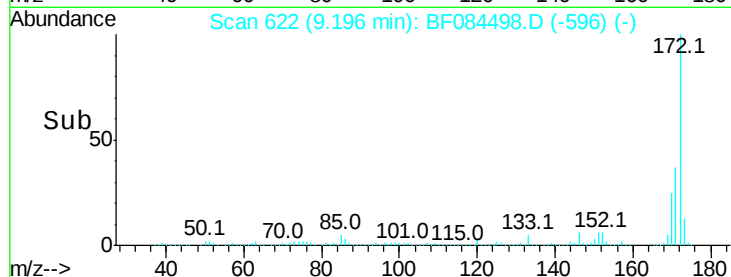
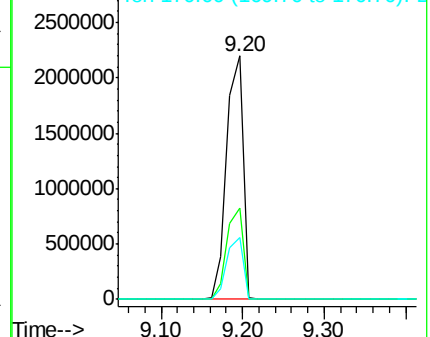
Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.9	43.3
170	25.2	18.6	27.8



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



#49

Dimethylphthalate

Concen: 23.61 ng

RT: 9.58 min Scan# 656

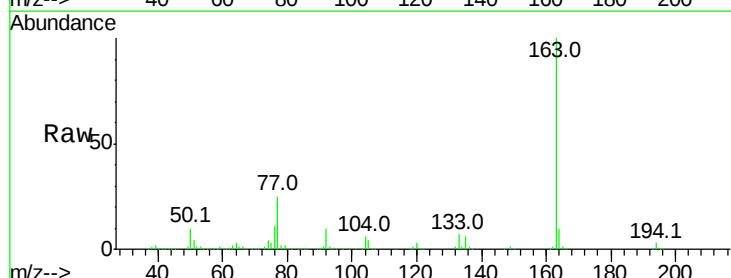
Delta R.T. -0.01 min

Lab File: BF084498.D

Acq: 15 Jan 2016 18:38

Tgt Ion:163 Resp: 845140

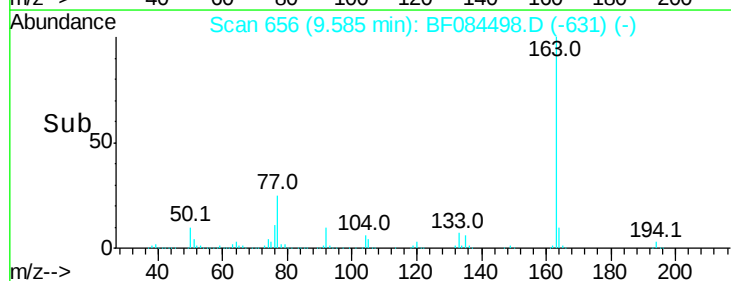
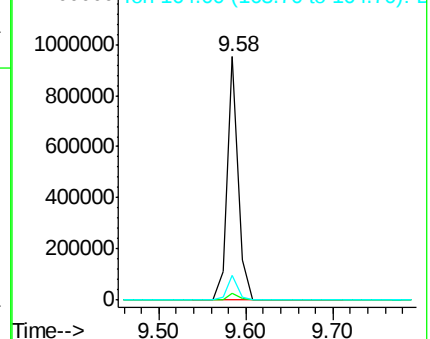
Ion	Ratio	Lower	Upper
163	100		
194	3.1	8.0	12.0#
164	10.3	8.0	12.0

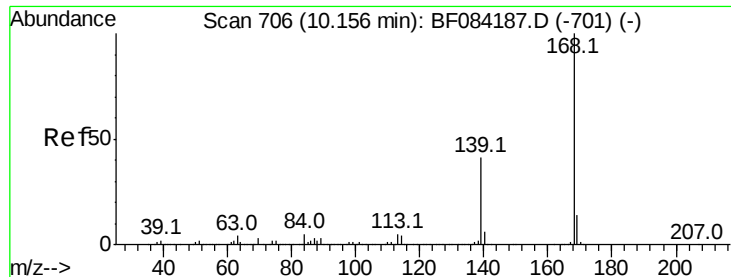


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#54

Dibenzofuran

Concen: Below Cal

RT: 10.06 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF084498.D

Acq: 15 Jan 2016 18:38

Instrument :

BNA_F

ClientSampleId :

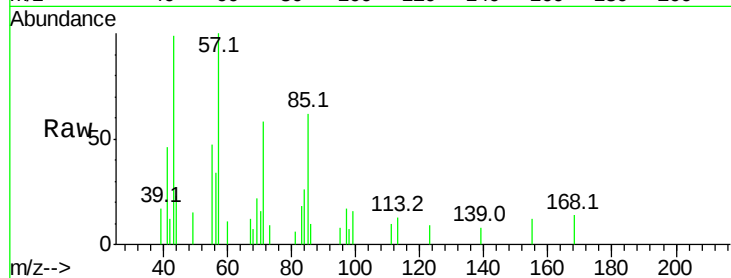
Tot Ion:168 Resp: 512

Ion Ratio Lower Upper

168 100

139 55.6 30.5 45.7#

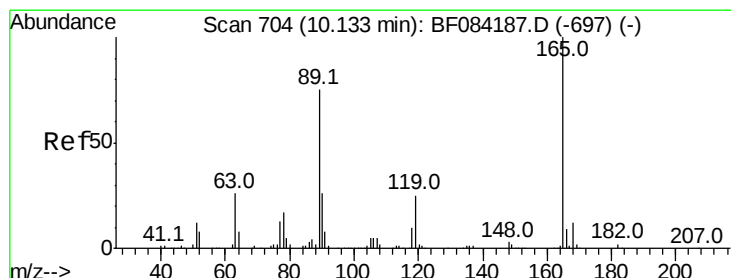
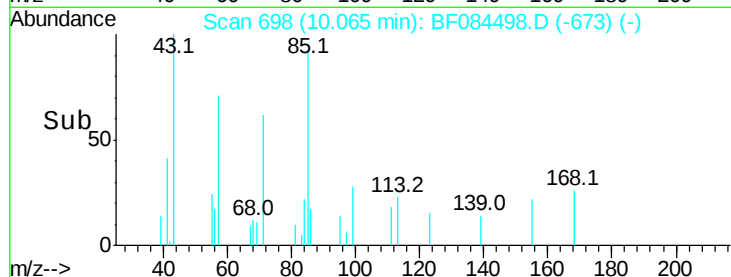
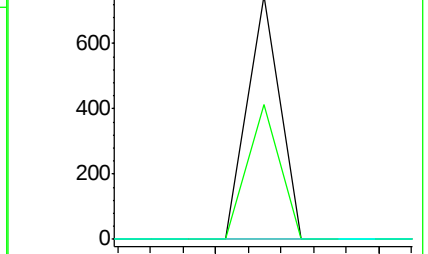
169 0.0 10.4 15.6#



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: 6.57 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.21 min

Lab File: BF084498.D

Acq: 15 Jan 2016 18:38

Tgt Ion:165 Resp: 65327

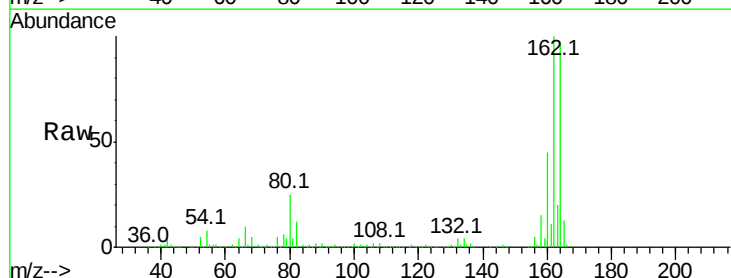
Ion Ratio Lower Upper

165 100

63 1.5 36.7 55.1#

89 1.5 61.9 92.9#

182 0.0 2.0 3.0#

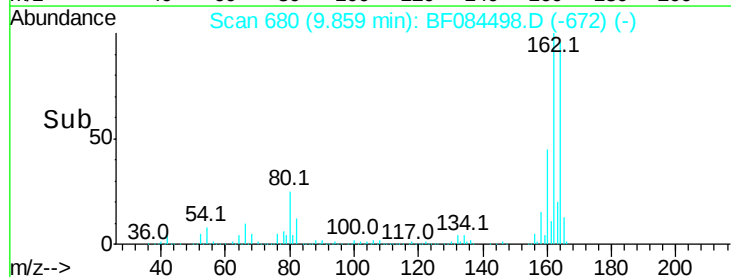
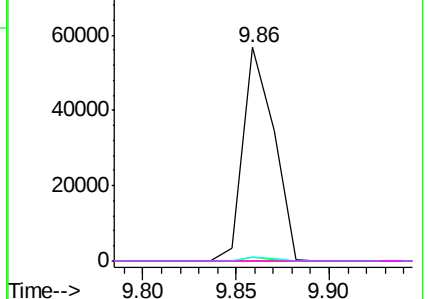


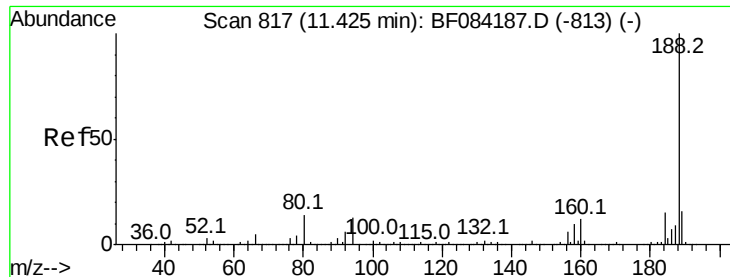
Abundance Ion 165.00 (164.70 to 165.70): E

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

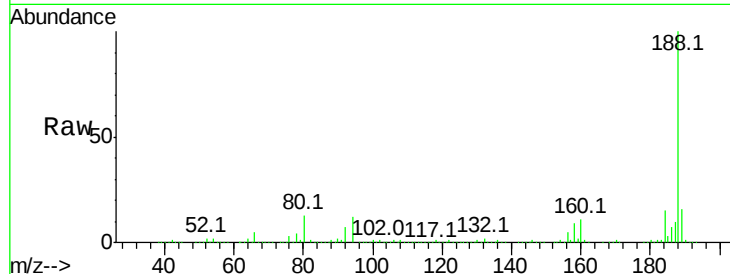




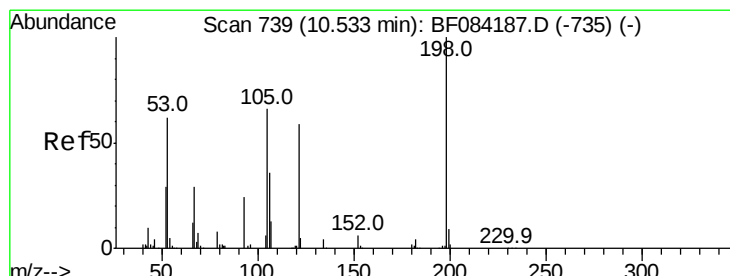
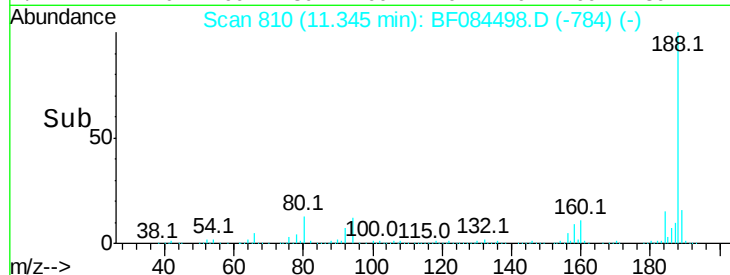
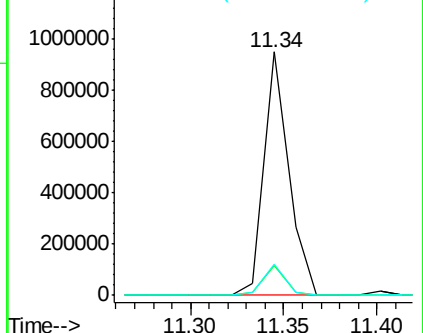
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF084498.D
Acq: 15 Jan 2016 18:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 870084
Ion Ratio Lower Upper
188 100
94 12.1 9.0 13.4
80 12.9 9.6 14.4

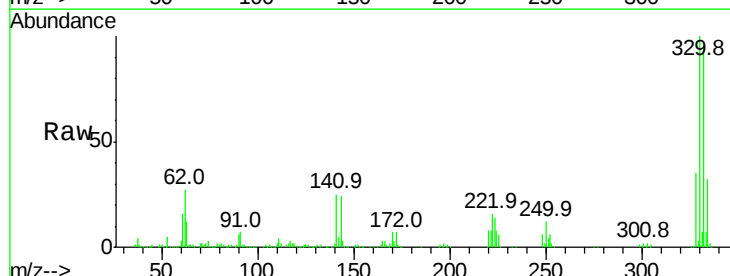


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

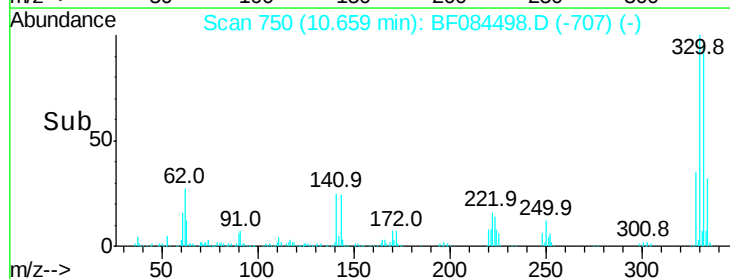
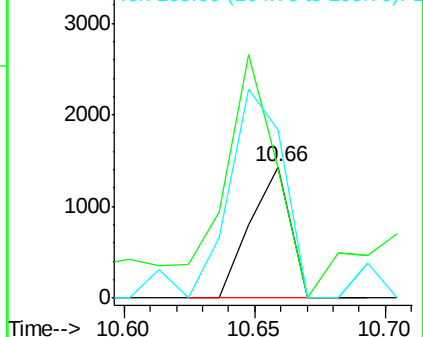


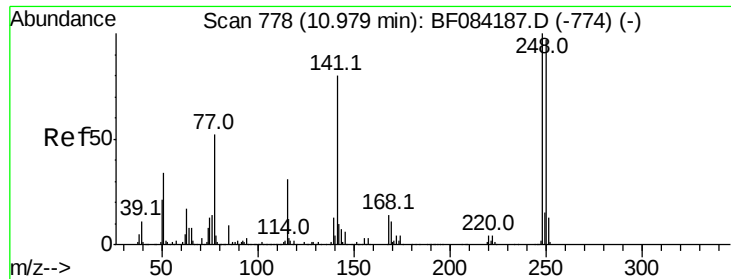
#64
4,6-Dinitro-2-methylphenol
Concen: 6.64 ng
RT: 10.66 min Scan# 750
Delta R.T. 0.19 min
Lab File: BF084498.D
Acq: 15 Jan 2016 18:38

Tgt Ion:198 Resp: 1532
Ion Ratio Lower Upper
198 100
51 98.9 18.9 58.9#
105 128.5 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

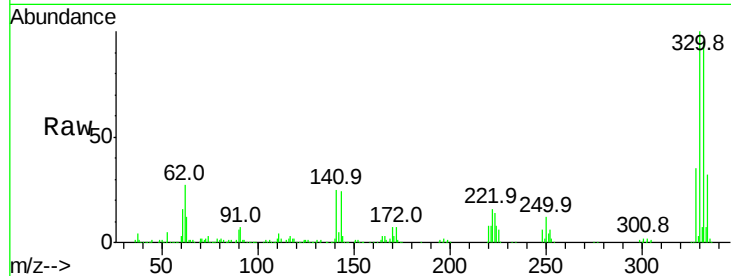




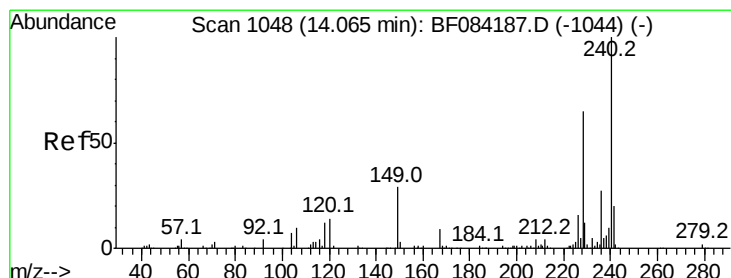
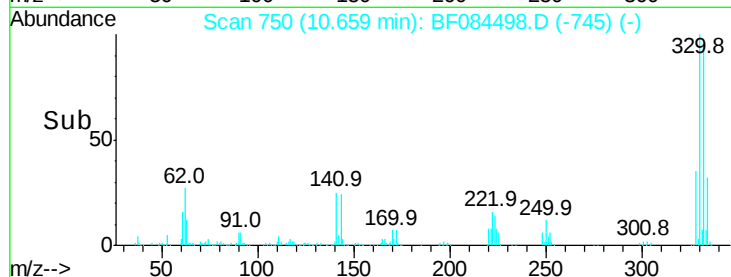
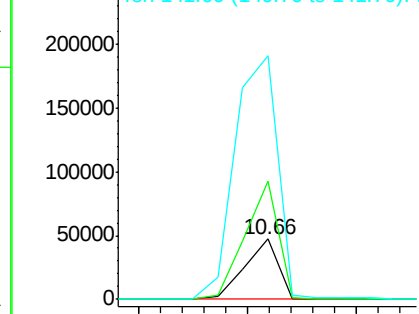
#66
4-Bromophenyl-phenylether
Concen: 5.36 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.24 min
Lab File: BF084498.D
Acq: 15 Jan 2016 18:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 50235
Ion Ratio Lower Upper
248 100
250 195.7 78.4 117.6#
141 404.5 44.0 66.0#

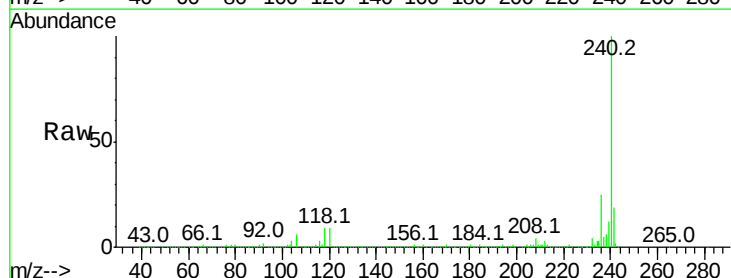


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

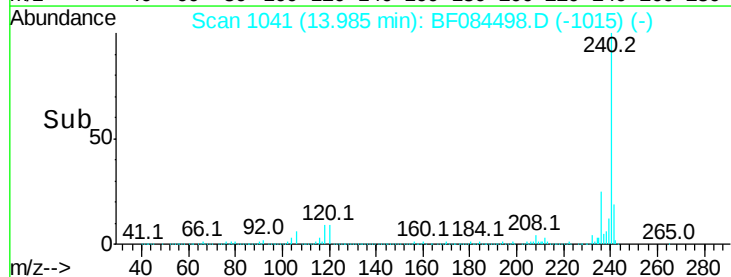
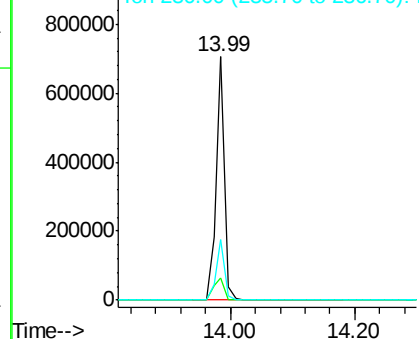


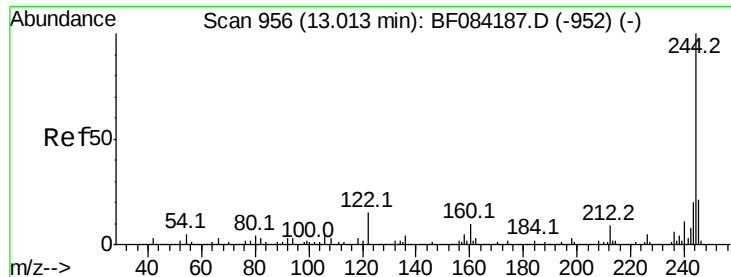
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF084498.D
Acq: 15 Jan 2016 18:38

Tgt Ion:240 Resp: 647422
Ion Ratio Lower Upper
240 100
120 9.4 9.5 14.3#
236 25.1 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

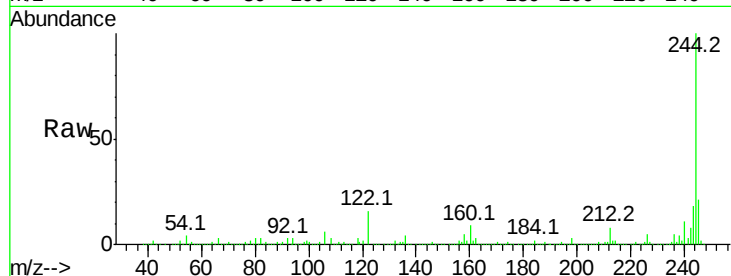




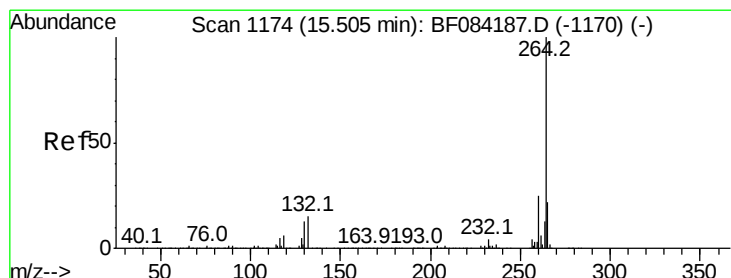
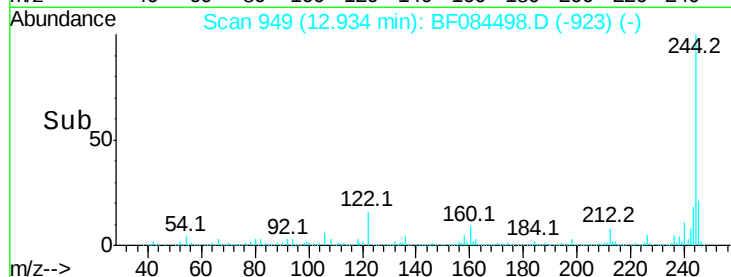
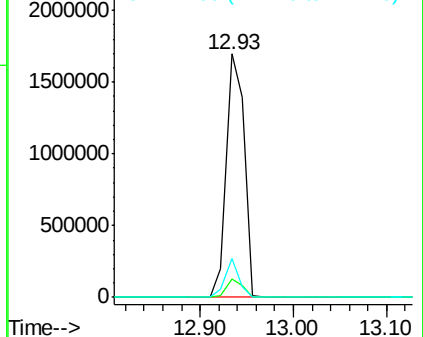
#78
 Terphenyl-d14
 Concen: 78.39 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF084498.D
 Acq: 15 Jan 2016 18:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 2273712
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 16.2 7.4 11.0#

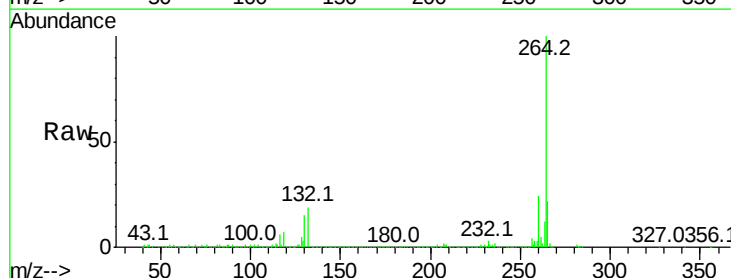


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BF084498.D
 Acq: 15 Jan 2016 18:38

Tgt Ion:264 Resp: 569407
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 21.7 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

