

Data Path : U:\HPCHEM1\BNA F\DATA\BF011516\
 Data File : BF084497.D
 Acq On : 15 Jan 2016 18:10
 Operator : SJ/UM
 Sample : H1141-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 16 01:34:38 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

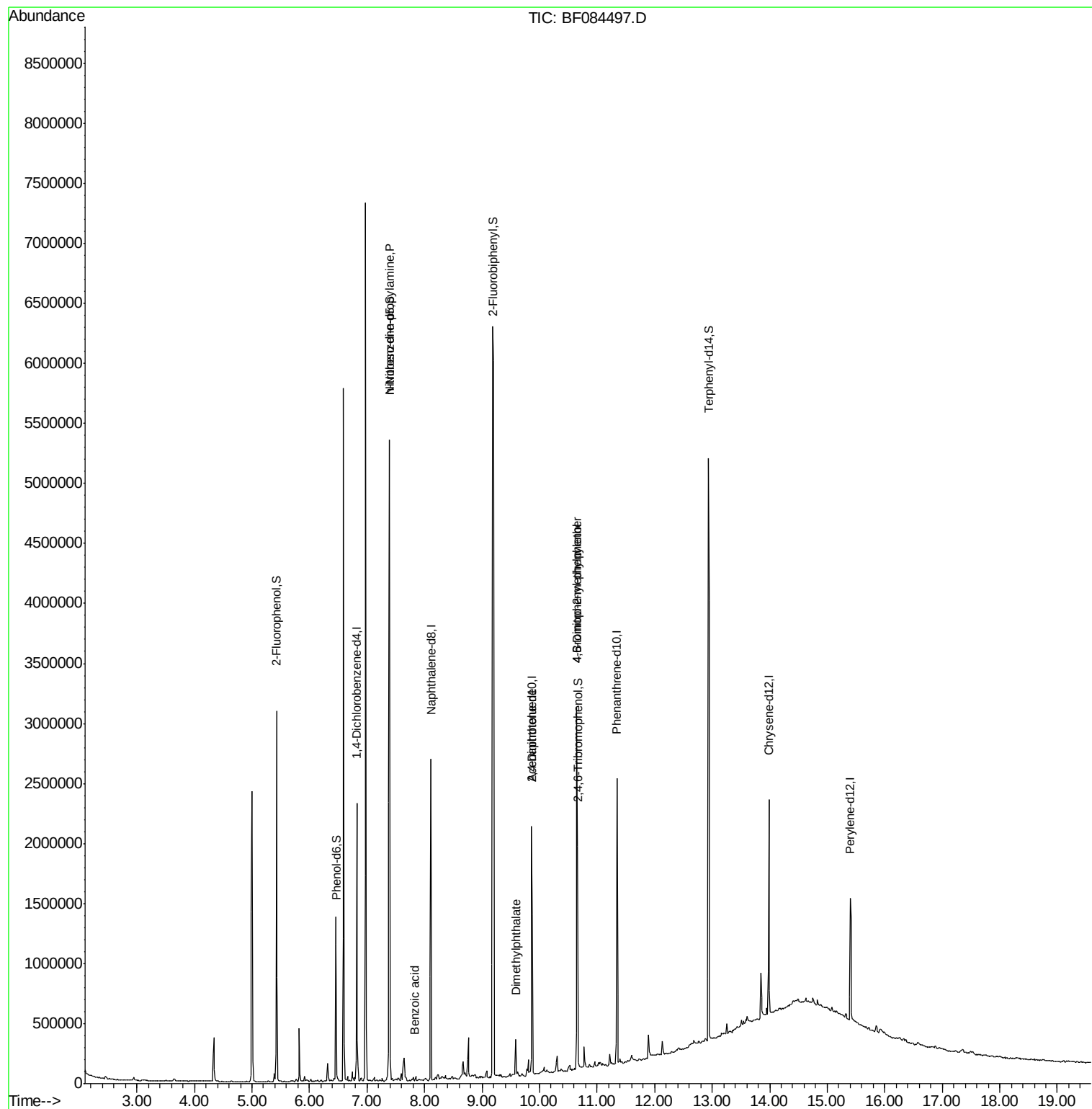
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	302682	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	1229924	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	501407	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	846971	20.00	ng	0.00
75) Chrysene-d12	13.99	240	605102	20.00	ng	0.00
86) Perylene-d12	15.40	264	559510	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	832037	44.46	ng	0.00
7) Phenol-d6	6.46	99	658440	28.02	ng	0.00
23) Nitrobenzene-d5	7.39	82	1829844	82.80	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	476353	94.10	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	3028682	107.97	ng	0.00
78) Terphenyl-d14	12.93	244	2122093	78.28	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	261987	16.47	ng	# 72
32) Benzoic acid	7.84	122	2488	6.41	ng	# 87
49) Dimethylphthalate	9.58	163	117201	3.27	ng	# 90
54) Dibenzofuran	10.06	168	2128	Below Cal	#	64
56) 2,4-Dinitrotoluene	9.86	165	63702	6.40	ng	# 22
57) Fluorene	10.41	166	2242	Below Cal	#	71
60) 4-Chlorophenyl-phenylether	10.41	204	223	Below Cal	#	7
64) 4,6-Dinitro-2-methylphenol	10.65	198	1074	6.58	ng	# 1
66) 4-Bromophenyl-phenylether	10.65	248	29131	3.20	ng	# 1
73) Di-n-butylphthalate	11.92	149	9553	Below Cal	#	84

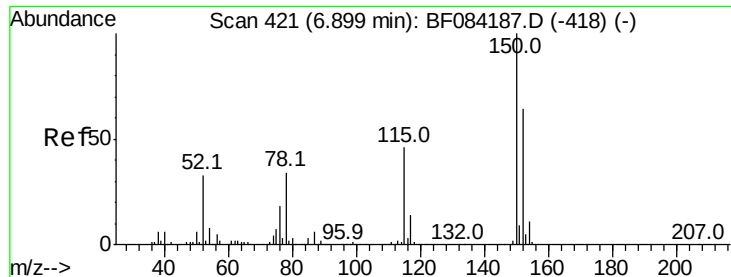
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 16 01:34:38 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



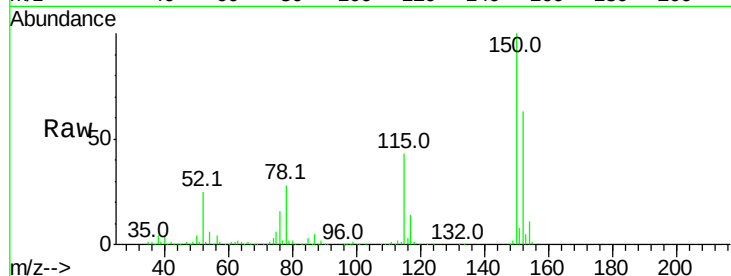


#1

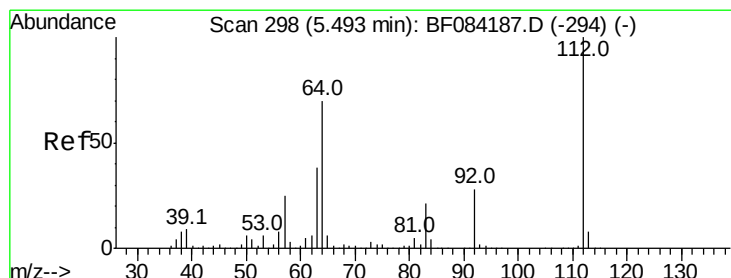
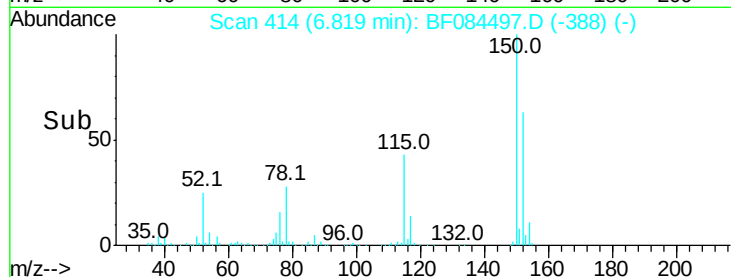
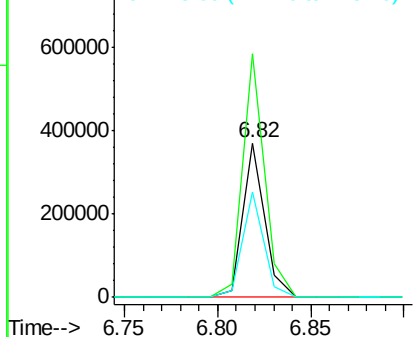
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF084497.D
Acq: 15 Jan 2016 18:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 302682
Ion Ratio Lower Upper
152 100
150 157.8 123.0 184.4
115 68.0 51.4 77.2



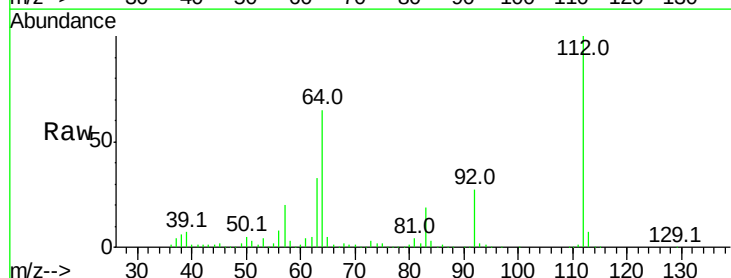
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



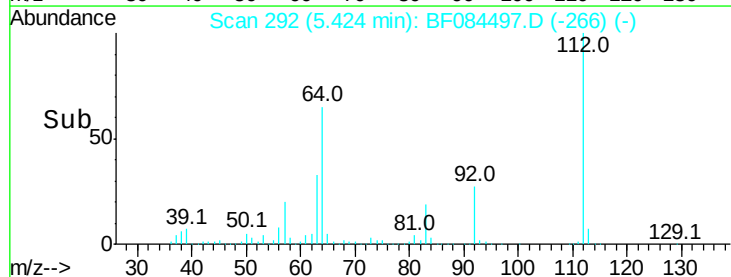
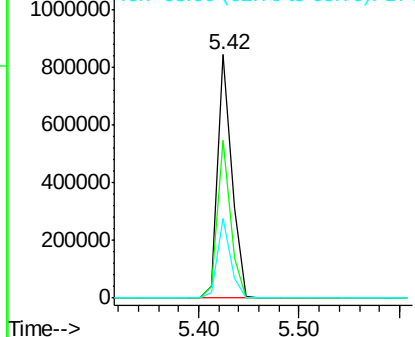
#5

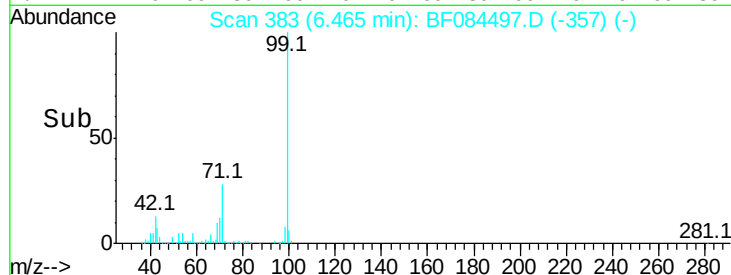
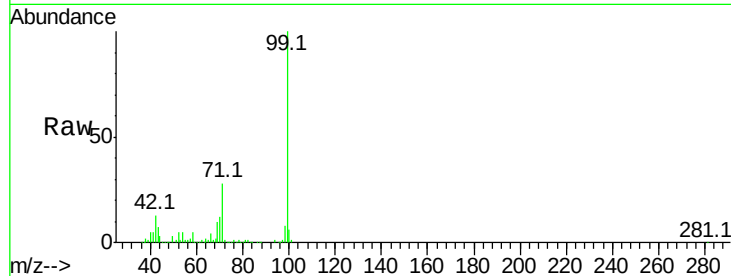
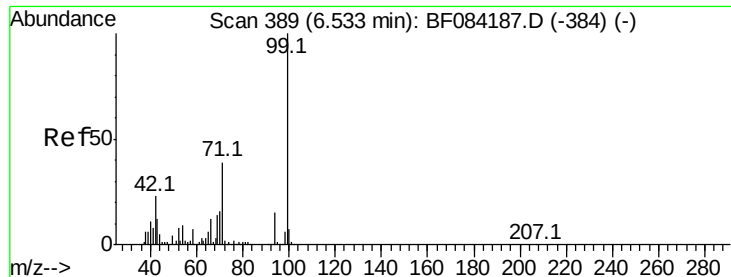
2-Fluorophenol
Concen: 44.46 ng
RT: 5.42 min Scan# 292
Delta R.T. 0.00 min
Lab File: BF084497.D
Acq: 15 Jan 2016 18:10

Tgt Ion:112 Resp: 832037
Ion Ratio Lower Upper
112 100
64 64.8 36.6 55.0#
63 32.7 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: 28.02 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF084497.D

Acq: 15 Jan 2016 18:10

Instrument :

BNA_F

ClientSampleId :

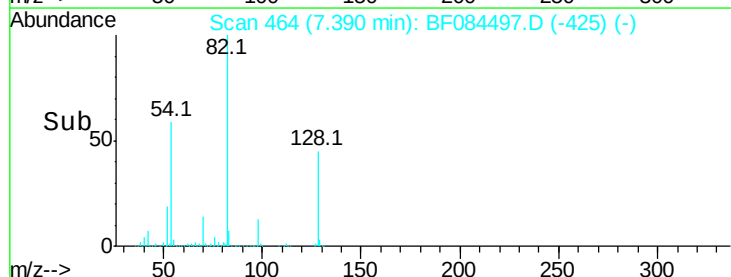
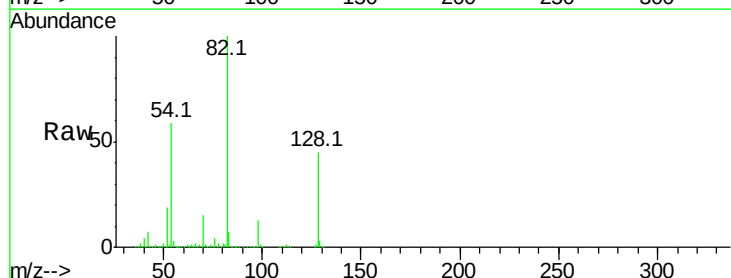
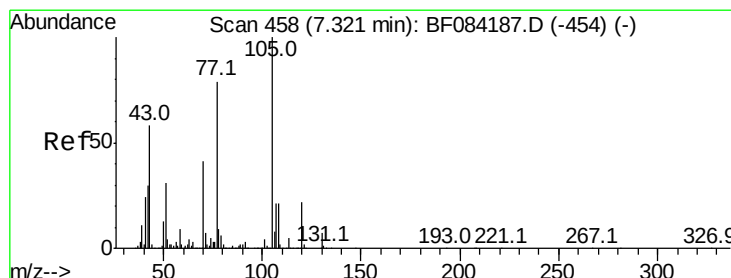
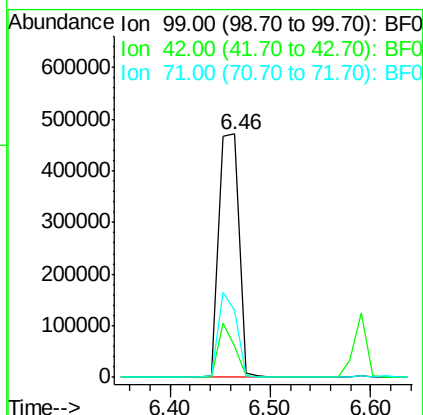
Tot Ion: 99 Resp: 658440

Ion Ratio Lower Upper

99 100

42 12.8 12.8 19.2#

71 27.5 30.9 46.3#



#19

n-Nitroso-di-n-propylamine

Concen: 16.47 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.15 min

Lab File: BF084497.D

Acq: 15 Jan 2016 18:10

Tgt Ion: 70 Resp: 261987

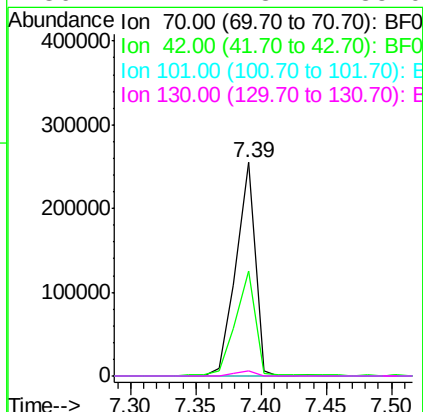
Ion Ratio Lower Upper

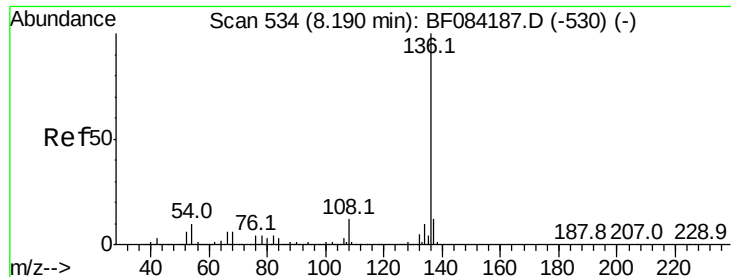
70 100

42 49.2 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: BF084497.D

Acq: 15 Jan 2016 18:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1229924

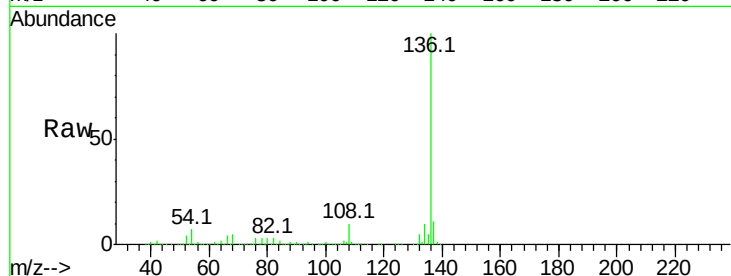
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 7.5 5.8 8.8

68 5.2 4.2 6.2

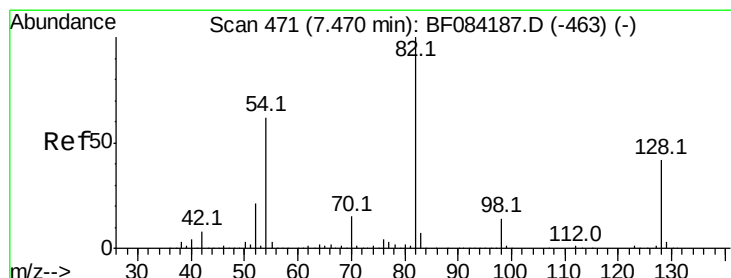
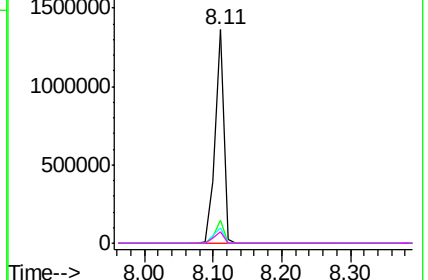
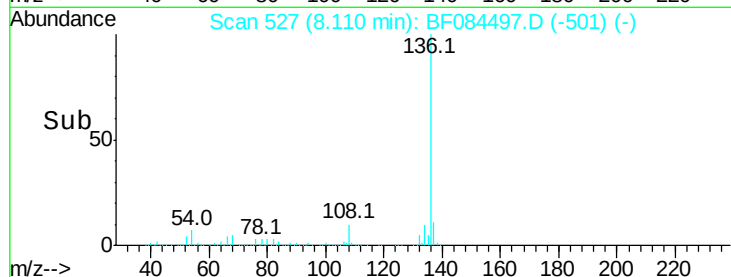


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.80 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF084497.D

Acq: 15 Jan 2016 18:10

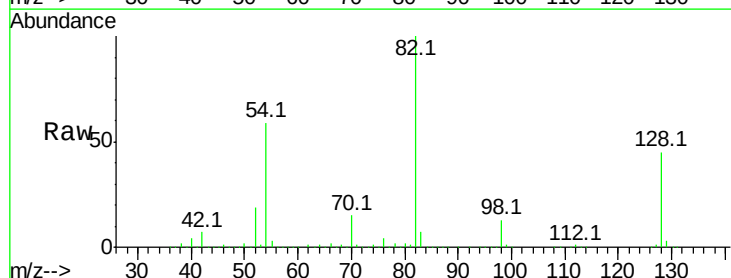
Tgt Ion: 82 Resp: 1829844

Ion Ratio Lower Upper

82 100

128 45.3 34.6 51.8

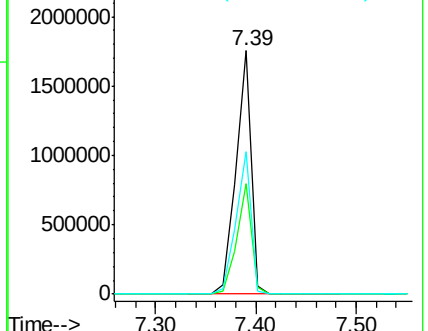
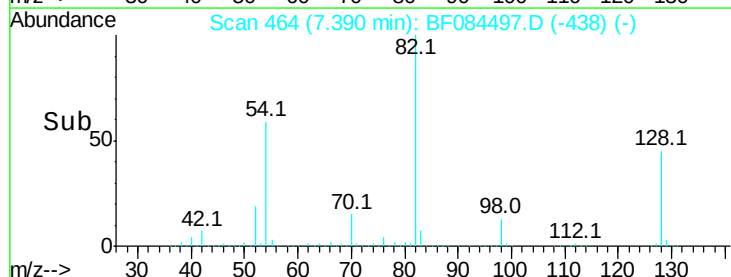
54 58.5 38.4 57.6#

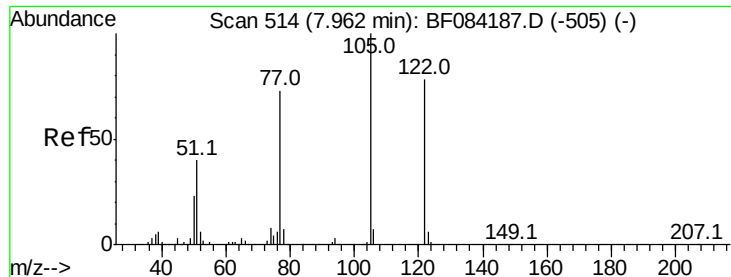


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#32

Benzoic acid

Concen: 6.41 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.06 min

Lab File: BF084497.D

Acq: 15 Jan 2016 18:10

Instrument :

BNA_F

ClientSampled :

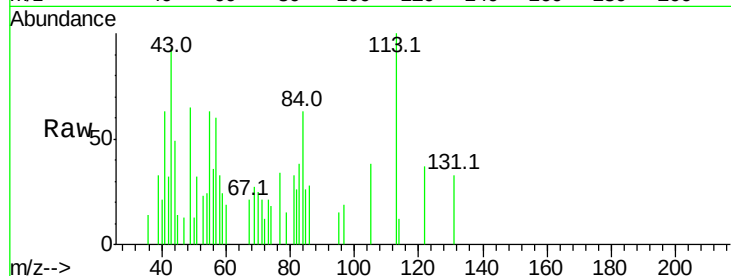
Tot Ion:122 Resp: 2488

Ion Ratio Lower Upper

122 100

105 103.0 100.3 140.3

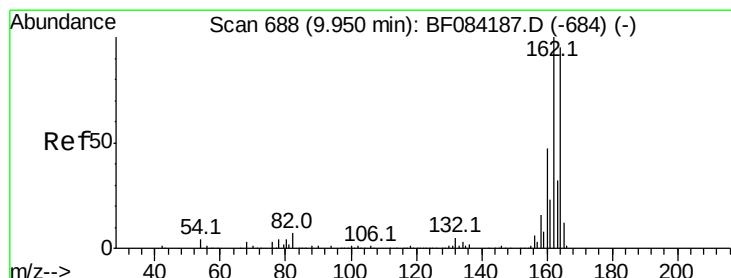
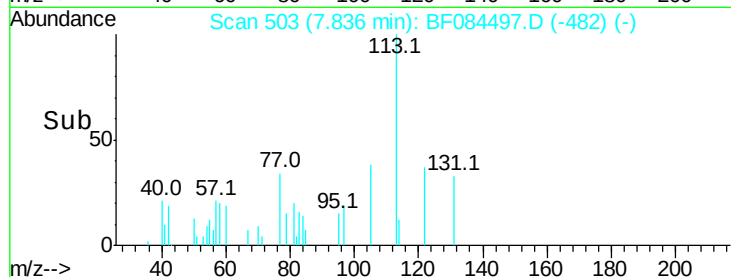
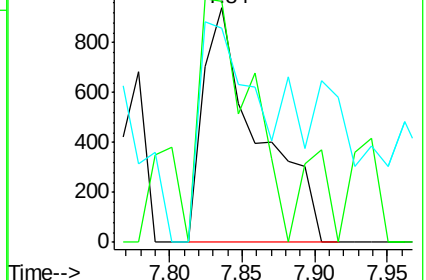
77 91.4 63.5 103.5



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: 9.86 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF084497.D

Acq: 15 Jan 2016 18:10

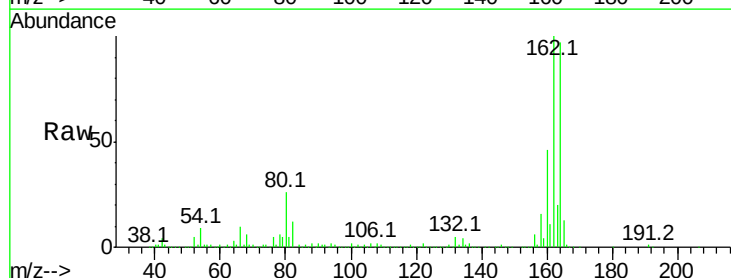
Tgt Ion:164 Resp: 501407

Ion Ratio Lower Upper

164 100

162 102.6 85.1 127.7

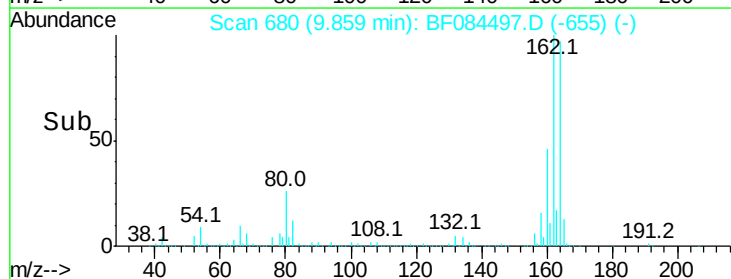
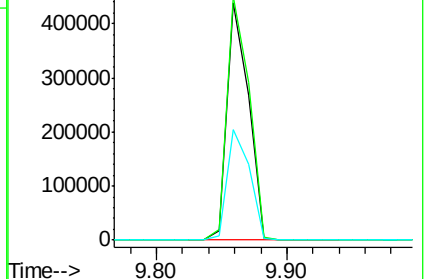
160 46.7 37.5 56.3

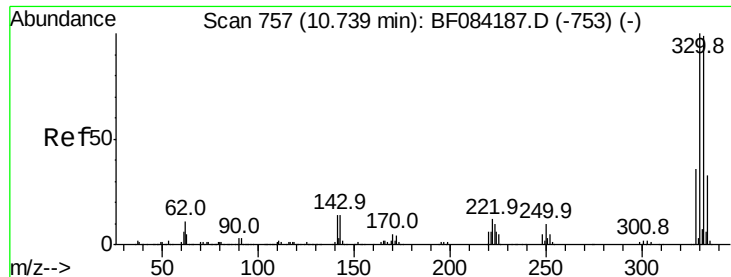


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

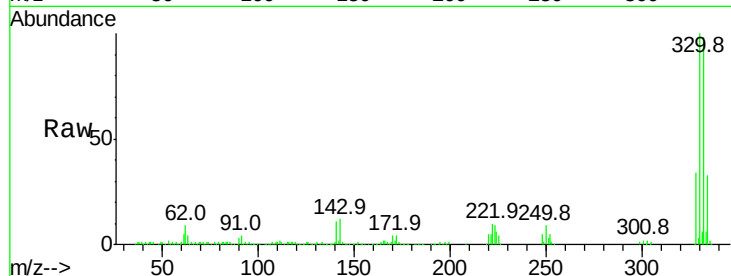




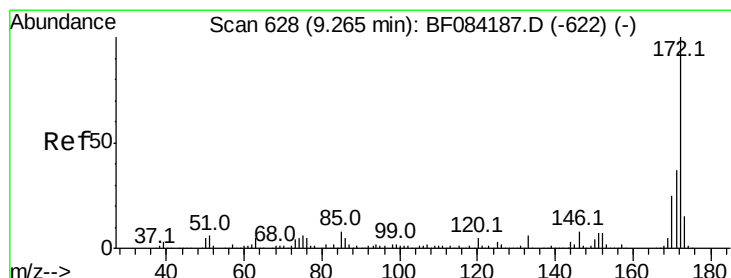
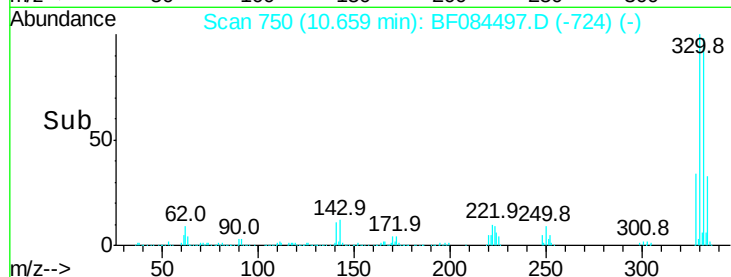
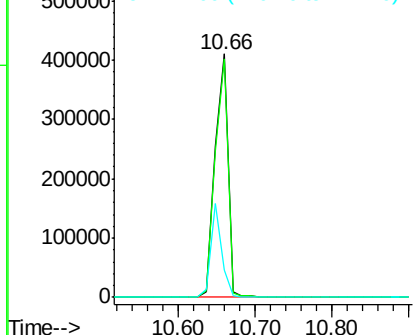
#41
 2,4,6-Tribromophenol
 Concen: 94.10 ng
 RT: 10.66 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF084497.D
 Acq: 15 Jan 2016 18:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 476353
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 114.8
 141 32.3 27.8 41.6

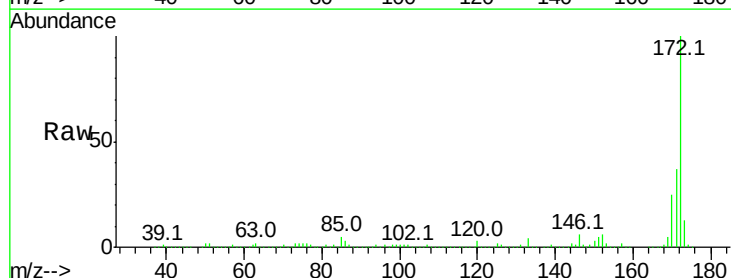


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

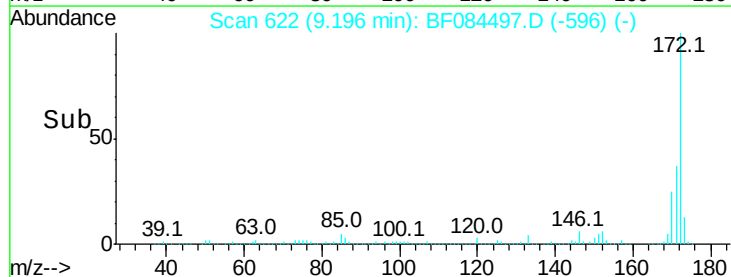
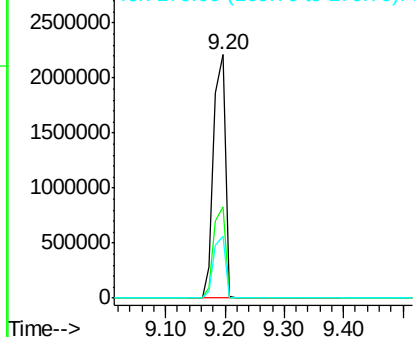


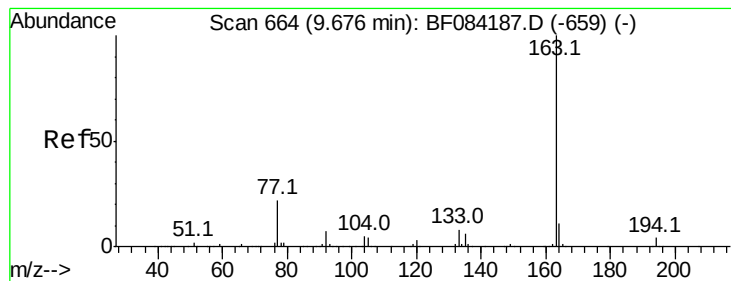
#44
 2-Fluorobiphenyl
 Concen: 107.97 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084497.D
 Acq: 15 Jan 2016 18:10

Tgt Ion:172 Resp: 3028682
 Ion Ratio Lower Upper
 172 100
 171 37.4 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





#49

Dimethylphthalate

Concen: 3.27 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF084497.D

Acq: 15 Jan 2016 18:10

Instrument :

BNA_F

ClientSampleId :

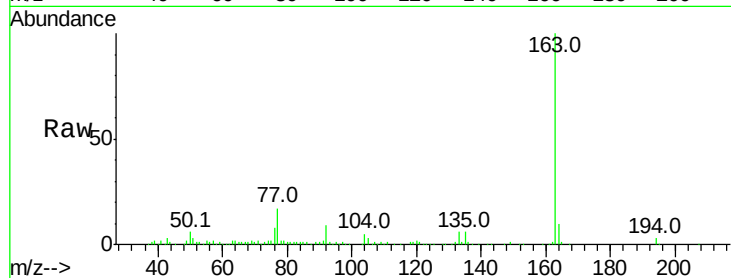
Tot Ion:163 Resp: 117201

Ion Ratio Lower Upper

163 100

194 3.3 8.0 12.0#

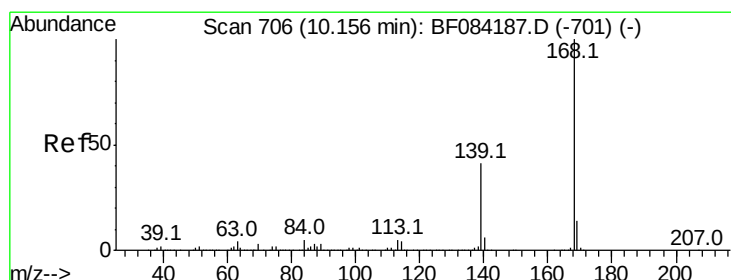
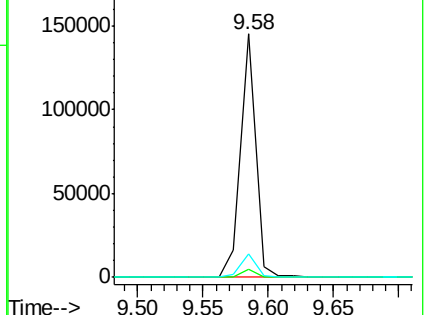
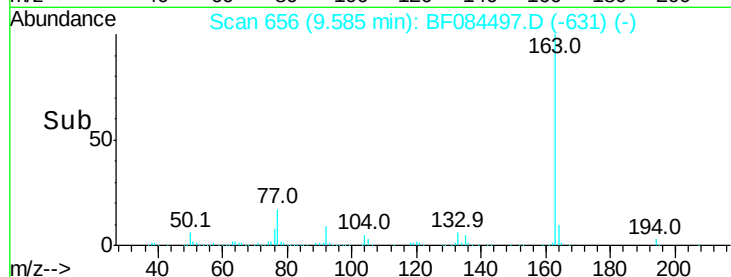
164 9.5 8.0 12.0



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: BF084497.D

Acq: 15 Jan 2016 18:10

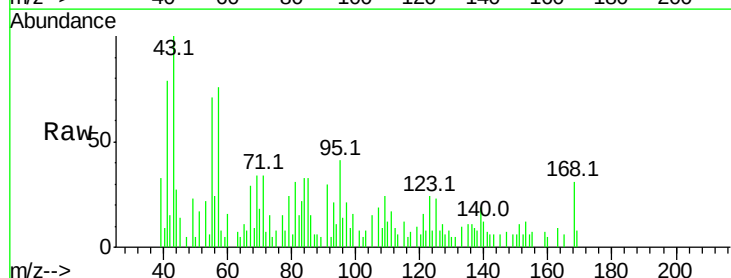
Tgt Ion:168 Resp: 2128

Ion Ratio Lower Upper

168 100

139 60.1 30.5 45.7#

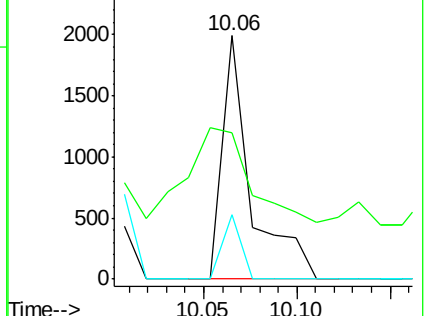
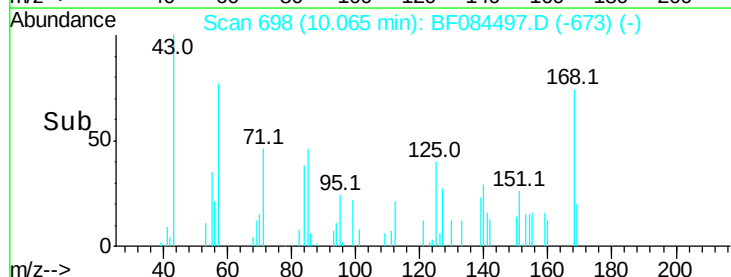
169 26.5 10.4 15.6#

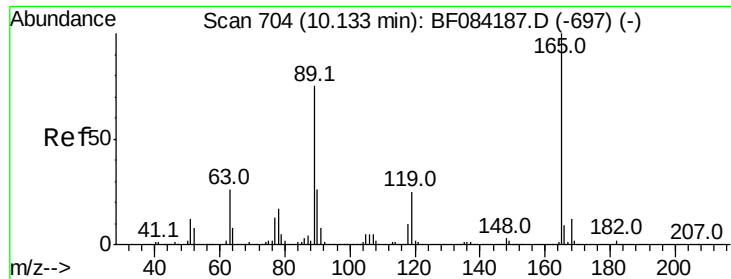


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

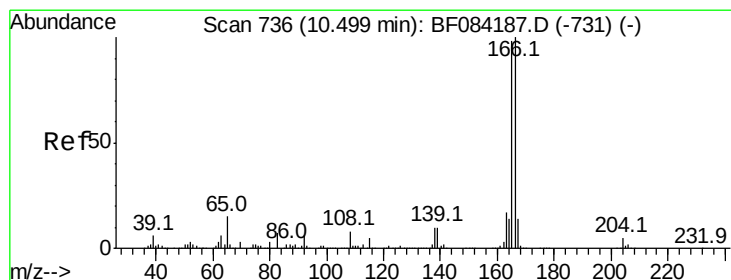
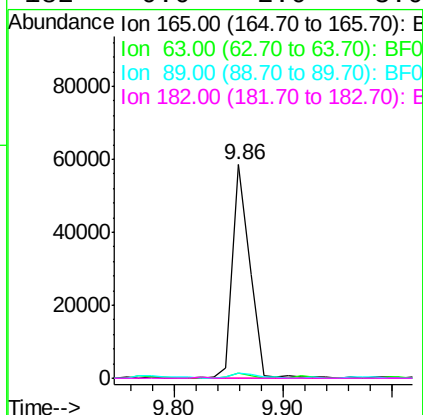
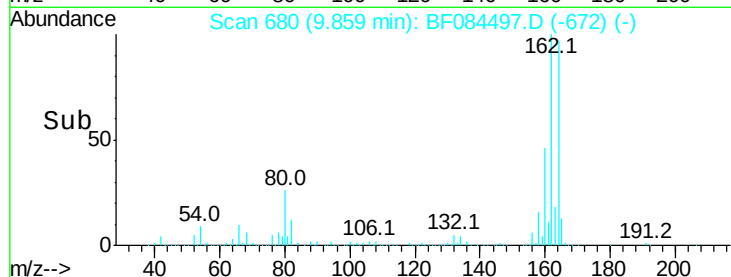
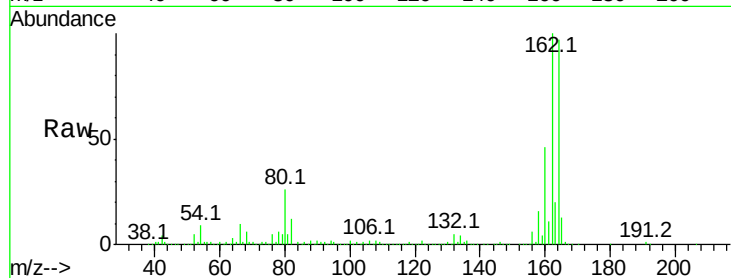




#56
2,4-Dinitrotoluene
Concen: 6.40 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.21 min
Lab File: BF084497.D
Acq: 15 Jan 2016 18:10

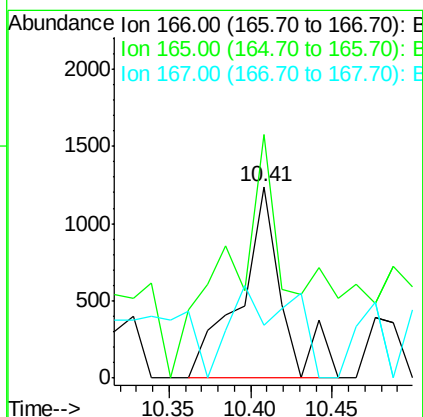
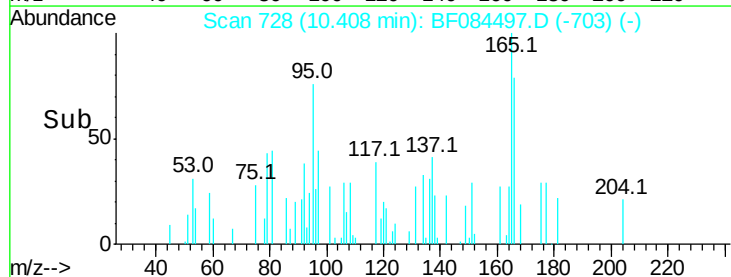
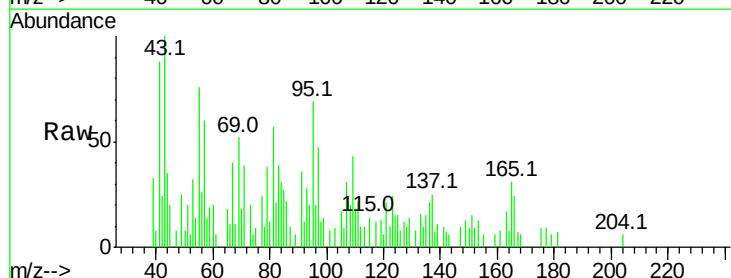
Instrument :
BNA_F
ClientSampleId :

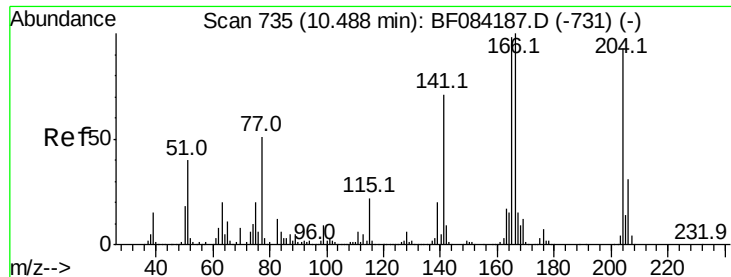
Tot Ion:165 Resp: 63702
Ion Ratio Lower Upper
165 100
63 2.2 36.7 55.1#
89 2.3 61.9 92.9#
182 0.0 2.0 3.0#



#57
Fluorene
Concen: Below Cal
RT: 10.41 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF084497.D
Acq: 15 Jan 2016 18:10

Tgt Ion:166 Resp: 2242
Ion Ratio Lower Upper
166 100
165 127.1 79.1 118.7#
167 27.8 10.4 15.6#





#60

4-Chlorophenyl-phenylether

Concen: Below Cal

RT: 10.41 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF084497.D

Acq: 15 Jan 2016 18:10

Instrument :

BNA_F

ClientSampled :

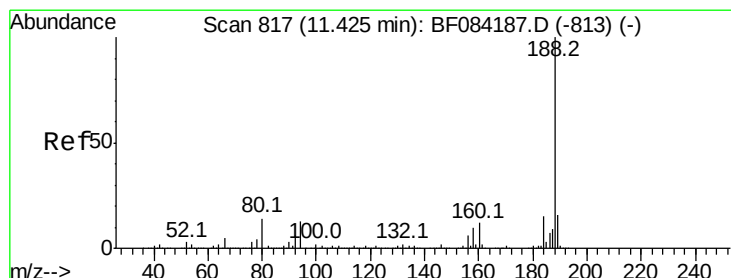
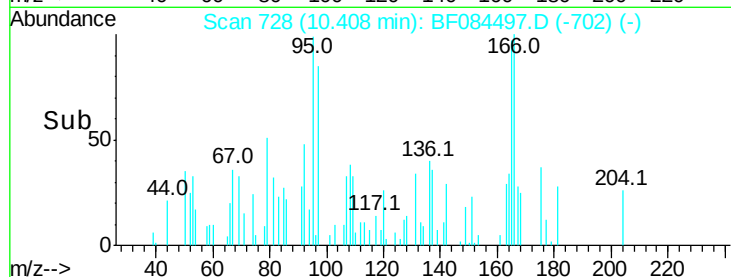
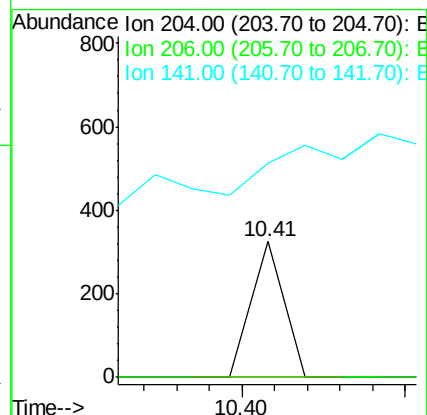
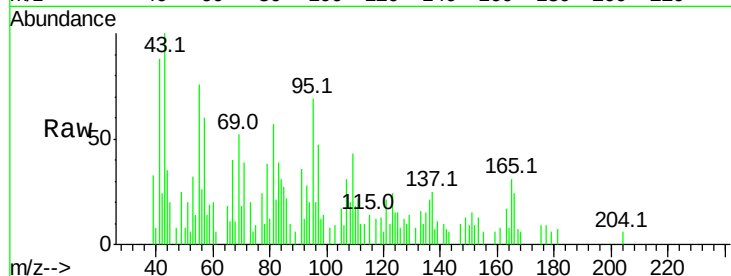
Tot Ion:204 Resp: 223

Ion Ratio Lower Upper

204 100

206 0.0 25.7 38.5#

141 158.2 55.1 82.7#



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF084497.D

Acq: 15 Jan 2016 18:10

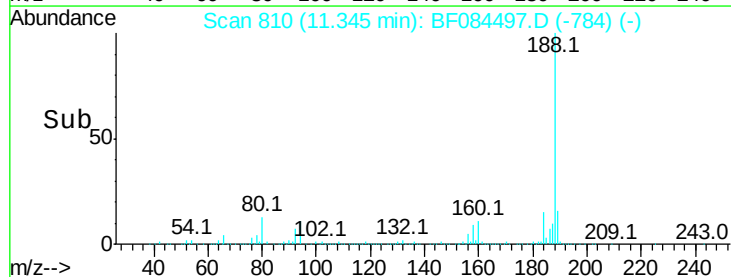
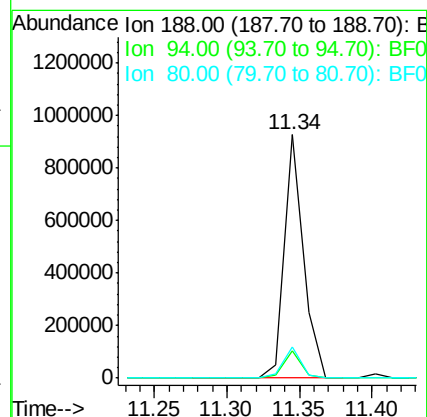
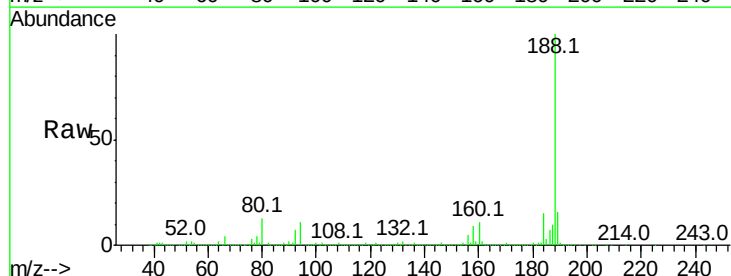
Tgt Ion:188 Resp: 846971

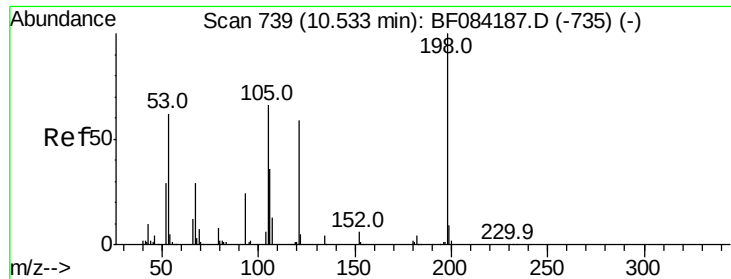
Ion Ratio Lower Upper

188 100

94 11.3 9.0 13.4

80 12.9 9.6 14.4





#64

4,6-Dinitro-2-methylphenol

Concen: 6.58 ng

RT: 10.65 min Scan# 749

Delta R.T. 0.18 min

Lab File: BF084497.D

Acq: 15 Jan 2016 18:10

Instrument :

BNA_F

ClientSampled :

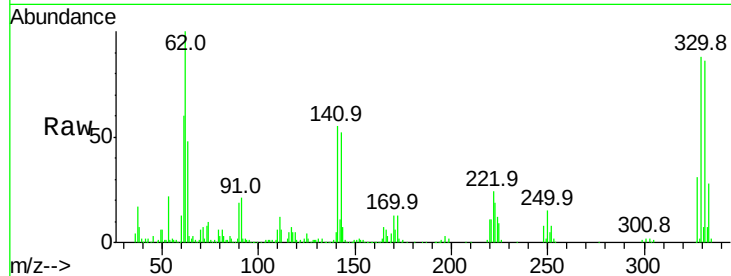
Tot Ion:198 Resp: 1074

Ion Ratio Lower Upper

198 100

51 334.3 18.9 58.9#

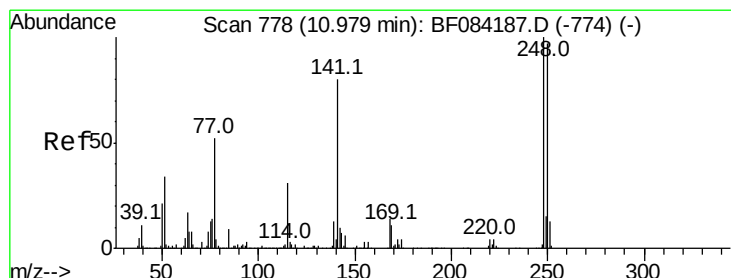
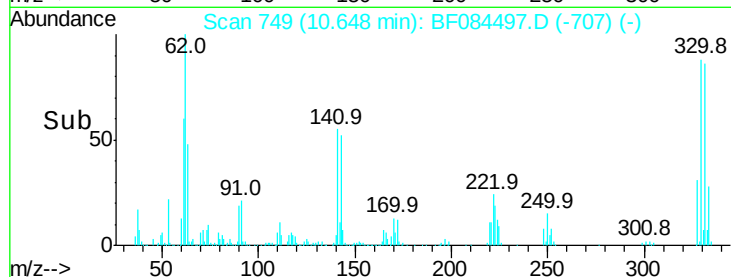
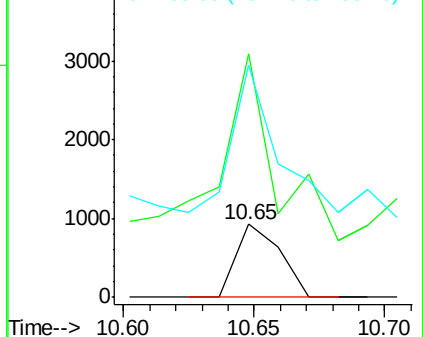
105 318.3 26.4 66.4#



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: 3.20 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.25 min

Lab File: BF084497.D

Acq: 15 Jan 2016 18:10

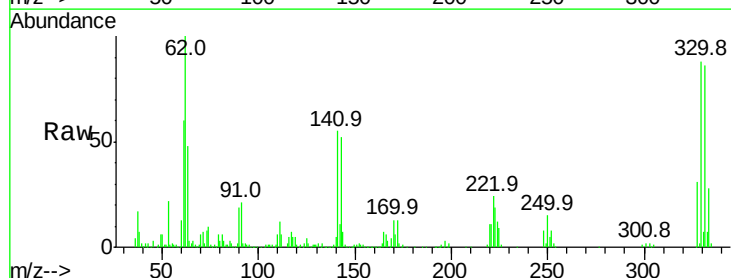
Tgt Ion:248 Resp: 29131

Ion Ratio Lower Upper

248 100

250 196.0 78.4 117.6#

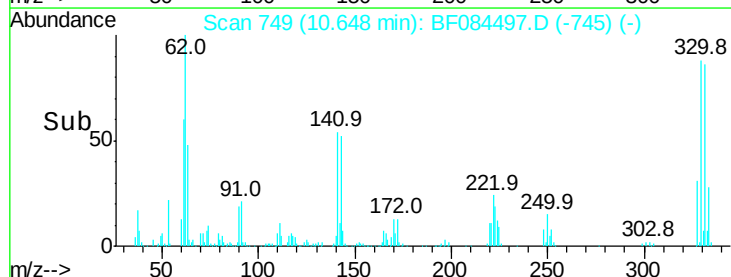
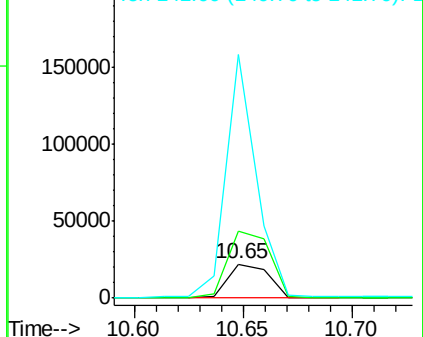
141 715.9 44.0 66.0#

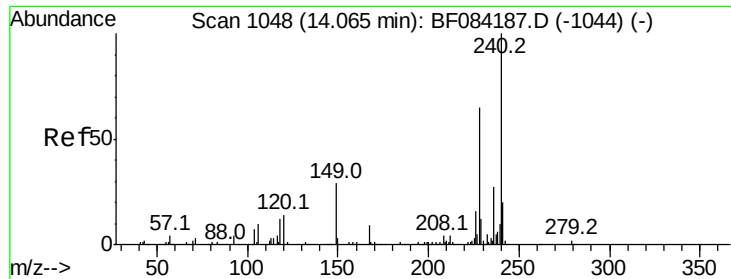


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF084497.D

Acq: 15 Jan 2016 18:10

Instrument :

BNA_F

ClientSampleId :

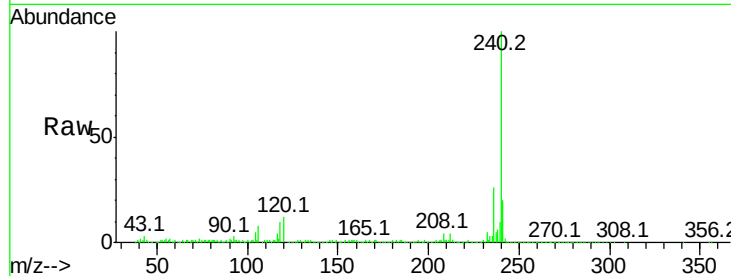
Tot Ion:240 Resp: 605102

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

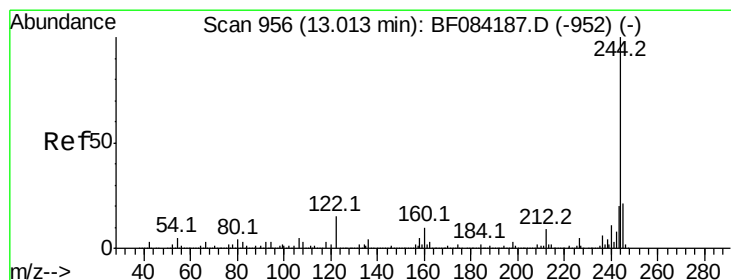
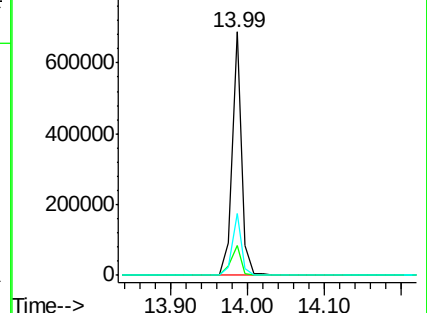
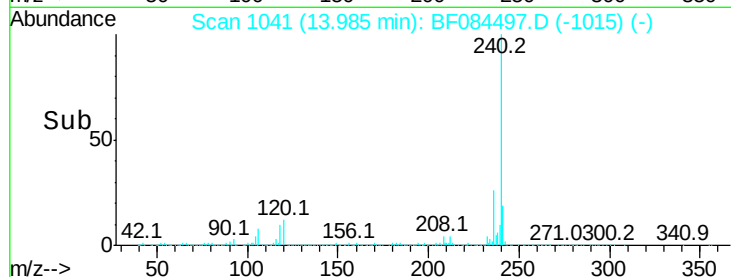
236 25.6 20.6 31.0



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: 78.28 ng

RT: 12.93 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF084497.D

Acq: 15 Jan 2016 18:10

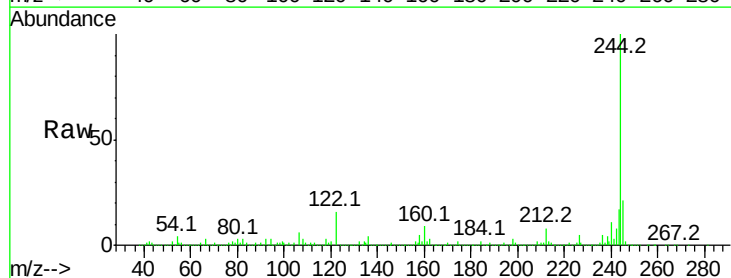
Tgt Ion:244 Resp: 2122093

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

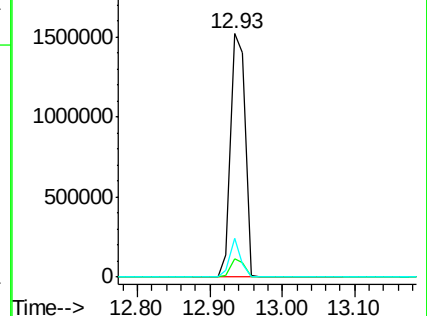
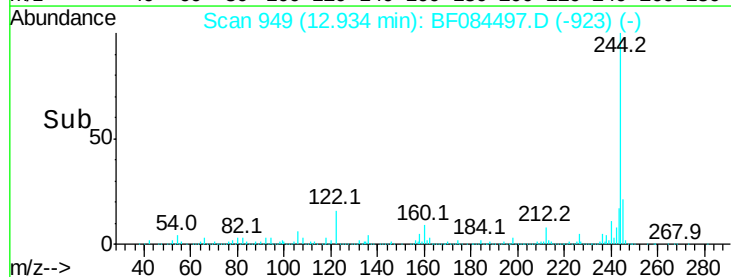
122 15.8 7.4 11.0#

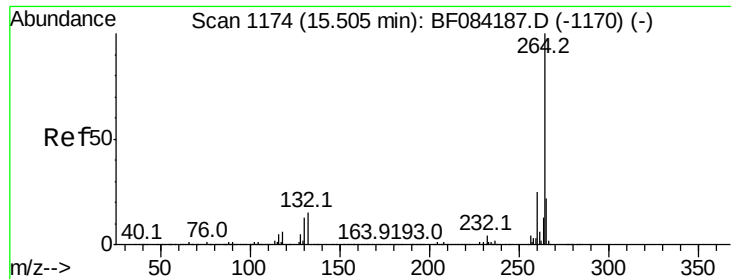


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

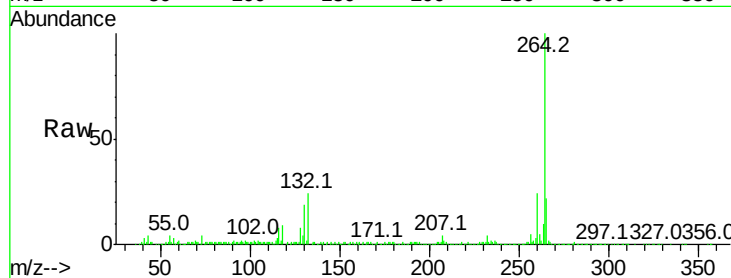




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BF084497.D
Acq: 15 Jan 2016 18:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	22.5	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

