

Data Path : U:\HPCHEM1\BNA F\DATA\BF011516\
 Data File : BF084513.D
 Acq On : 16 Jan 2016 2:05
 Operator : SJ/UM
 Sample : H1134-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 16 03:25:42 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 03:20:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	261045	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	1069051	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	452934	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	819516	20.00	ng	0.00
75) Chrysene-d12	13.98	240	616882	20.00	ng	0.00
86) Perylene-d12	15.40	264	539712	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	2024718	125.45	ng	0.01
7) Phenol-d6	6.48	99	2960910	146.08	ng	0.00
23) Nitrobenzene-d5	7.39	82	1790216	93.20	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	677454	148.15	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	2356441	92.05	ng	-0.01
78) Terphenyl-d14	12.93	244	1831176	66.26	ng	0.00

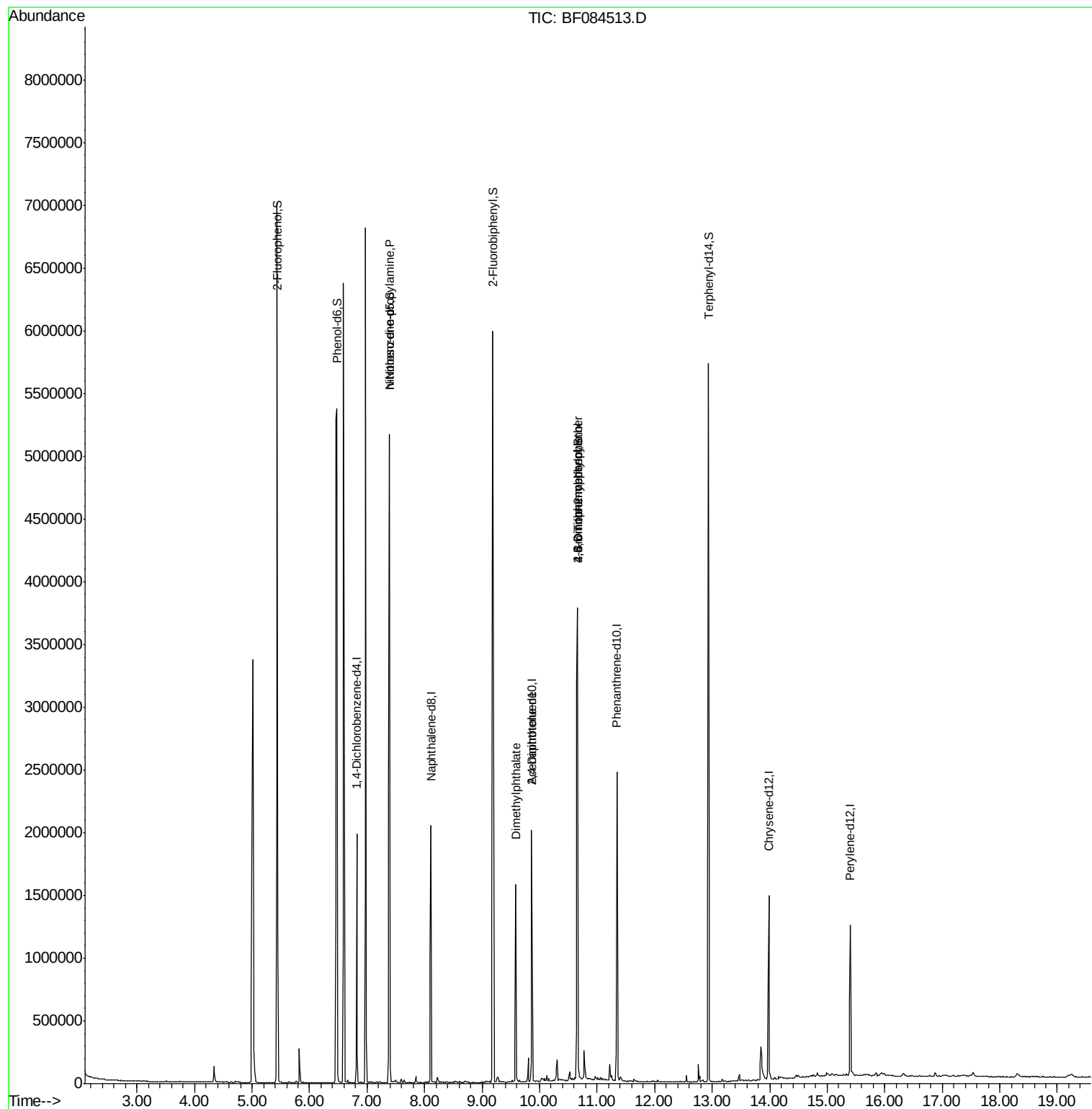
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	254381	18.54	ng	# 72
49) Dimethylphthalate	9.58	163	596904	18.43	ng	# 90
54) Dibenzofuran	10.06	168	637	Below Cal		# 89
56) 2,4-Dinitrotoluene	9.86	165	58035	6.46	ng	# 21
57) Fluorene	10.41	166	645	Below Cal		# 75
60) 4-Chlorophenyl-phenylether	10.21	204	640	Below Cal		# 24
64) 4,6-Dinitro-2-methylphenol	10.66	198	1590	6.66	ng	# 1
66) 4-Bromophenyl-phenylether	10.66	248	43492	4.93	ng	# 1
73) Di-n-butylphthalate	11.92	149	2058	Below Cal		# 79

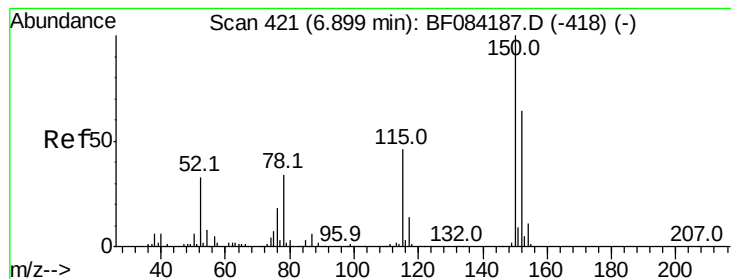
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF084513.D

Acq: 16 Jan 2016 2:05

Instrument :

BNA_F

ClientSampleId :

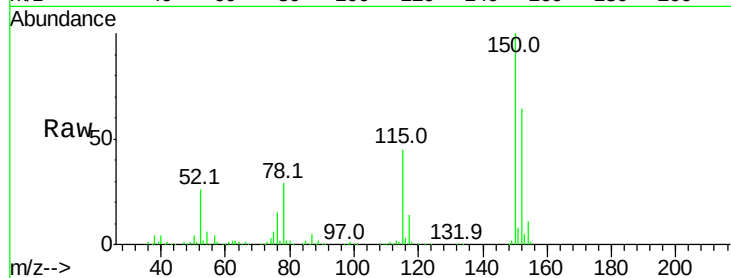
Tot Ion:152 Resp: 261045

Ion Ratio Lower Upper

152 100

150 155.8 123.0 184.4

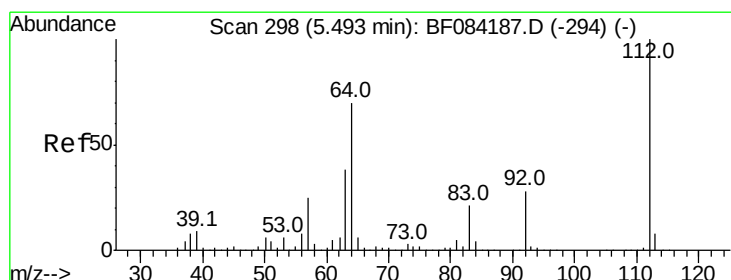
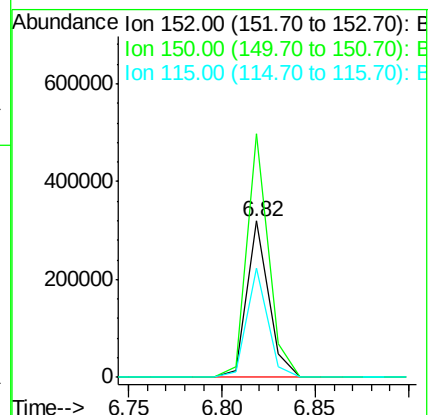
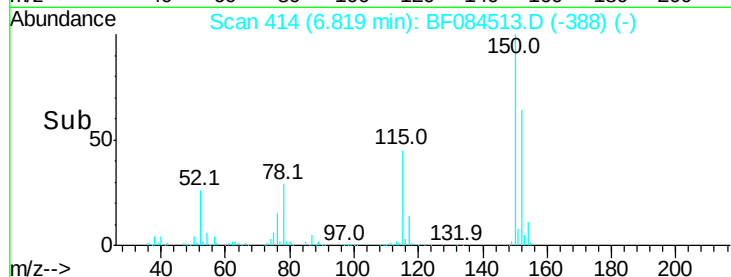
115 69.8 51.4 77.2



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: 125.45 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF084513.D

Acq: 16 Jan 2016 2:05

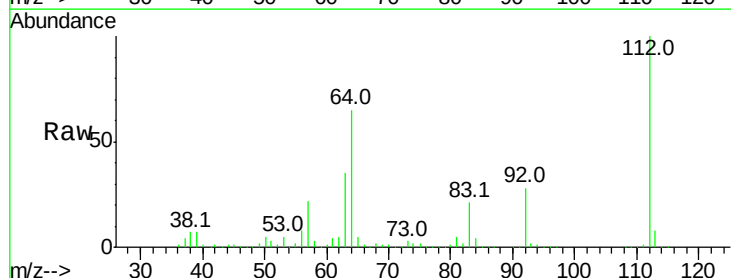
Tgt Ion:112 Resp: 2024718

Ion Ratio Lower Upper

112 100

64 64.9 36.6 55.0#

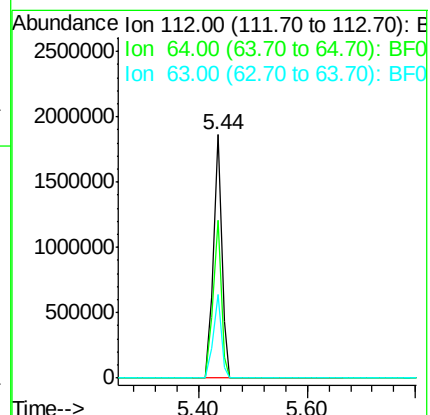
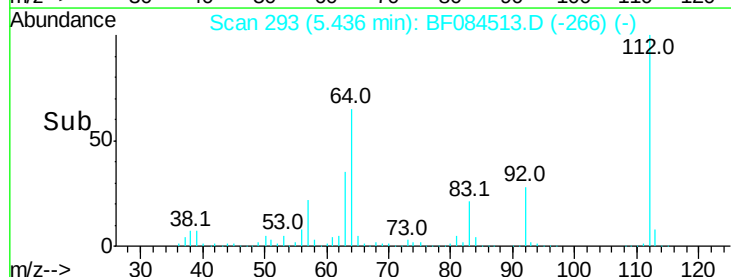
63 34.5 19.4 29.0#

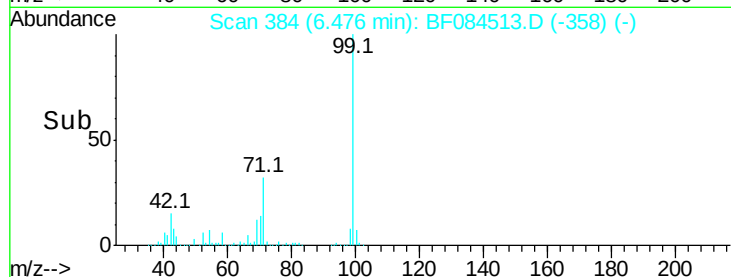
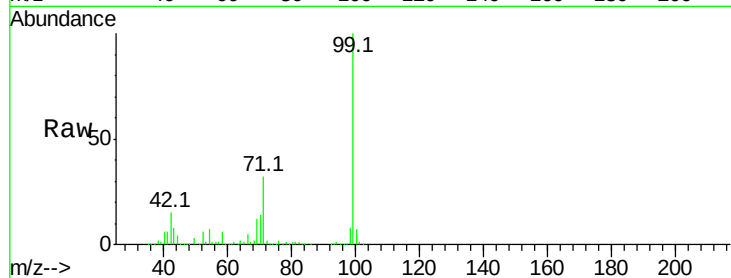
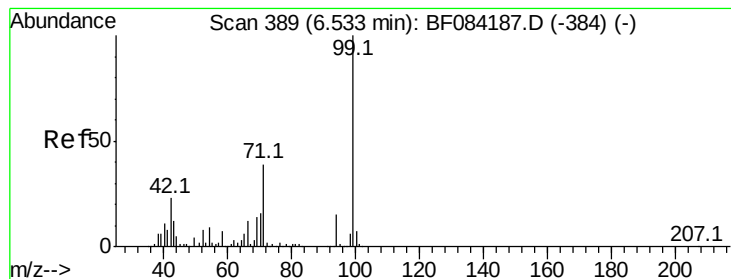


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 146.08 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084513.D

Acq: 16 Jan 2016 2:05

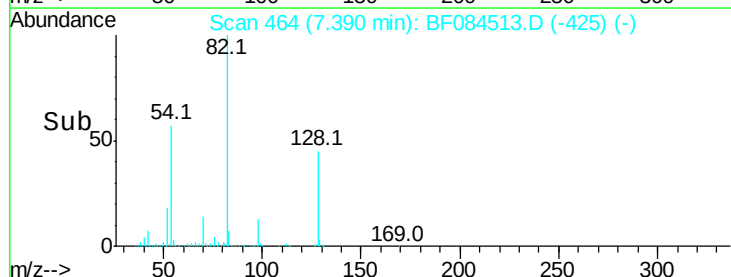
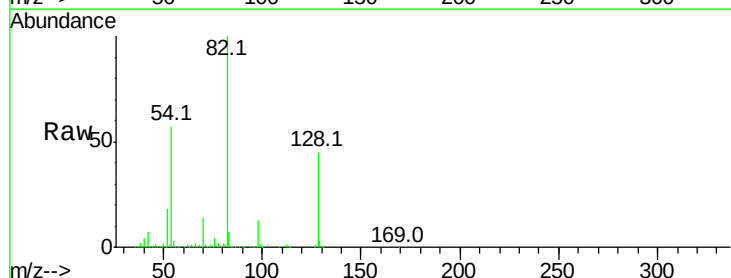
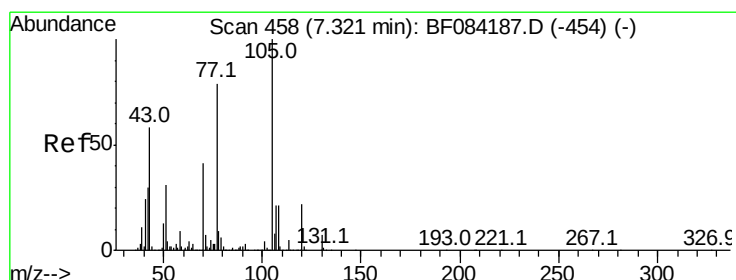
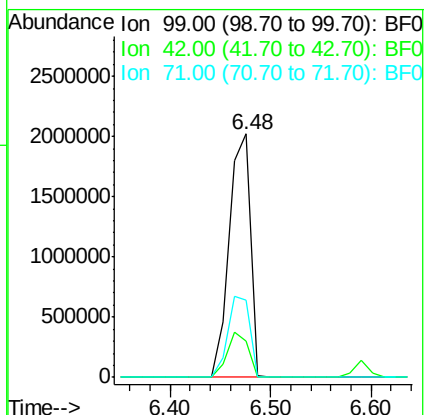
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 2960910

Ion	Ratio	Lower	Upper
99	100		
42	14.9	12.8	19.2
71	31.9	30.9	46.3



#19

n-Nitroso-di-n-propylamine

Concen: 18.54 ng

RT: 7.39 min Scan# 464

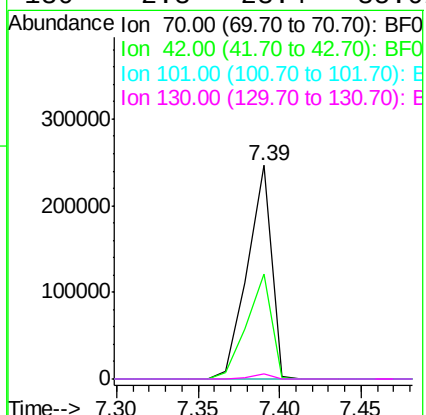
Delta R.T. 0.15 min

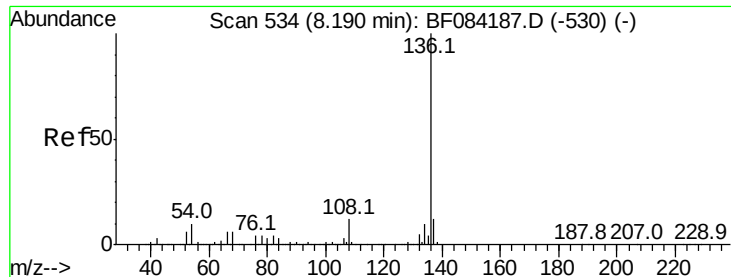
Lab File: BF084513.D

Acq: 16 Jan 2016 2:05

Tgt Ion: 70 Resp: 254381

Ion	Ratio	Lower	Upper
70	100		
42	48.9	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: BF084513.D

Acq: 16 Jan 2016 2:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1069051

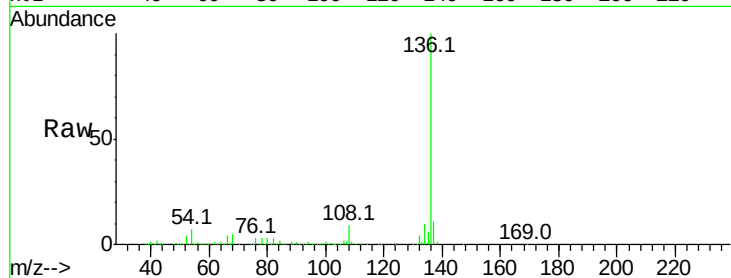
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.7	5.8	8.8
68	4.7	4.2	6.2

136 100

137 11.0 8.7 13.1

54 6.7 5.8 8.8

68 4.7 4.2 6.2

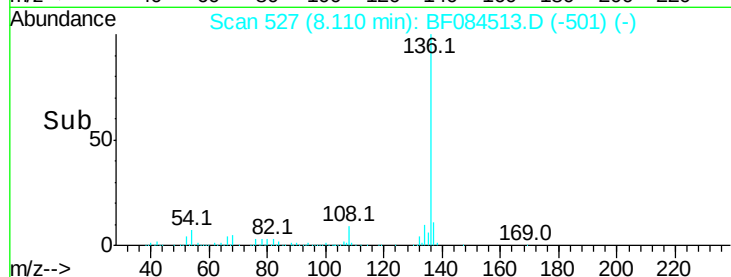


Abundance Ion 136.00 (135.70 to 136.70): E

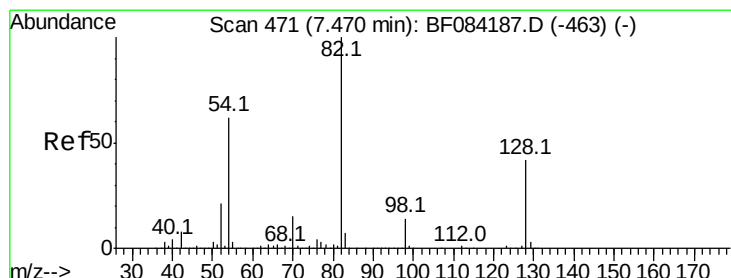
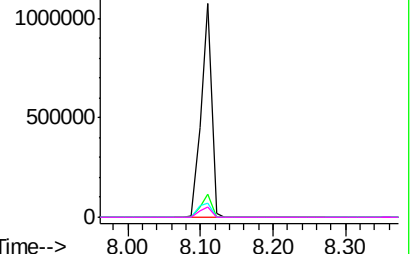
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 93.20 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF084513.D

Acq: 16 Jan 2016 2:05

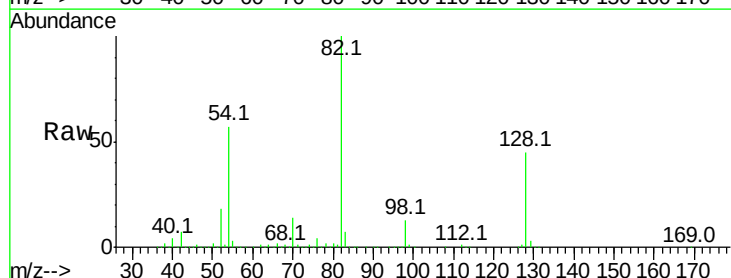
Tgt Ion: 82 Resp: 1790216

Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.6	51.8
54	57.0	38.4	57.6

82 100

128 44.9 34.6 51.8

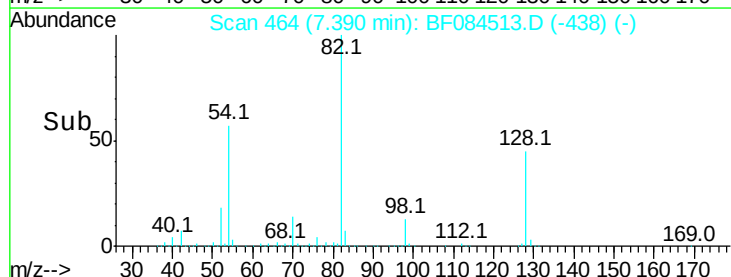
54 57.0 38.4 57.6



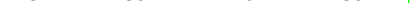
Abundance Ion 82.00 (81.70 to 82.70): BF0

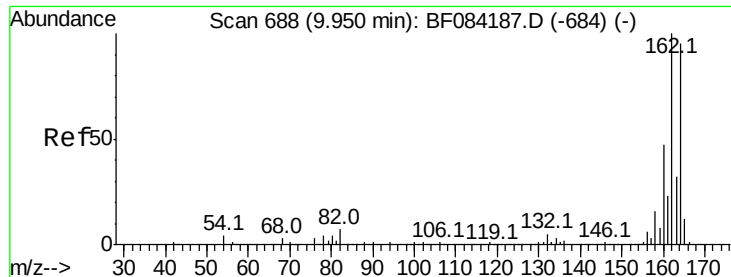
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

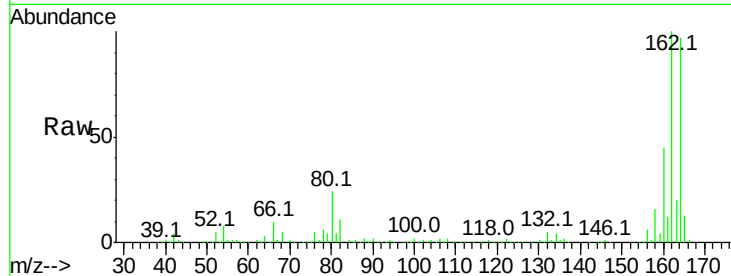




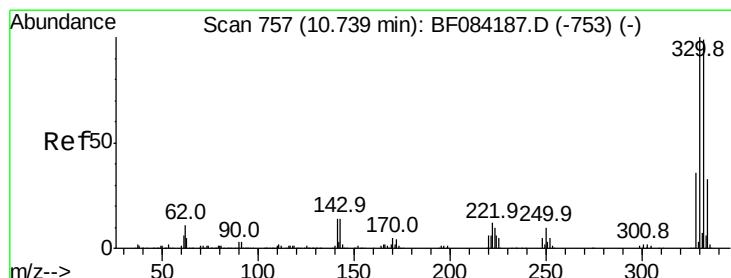
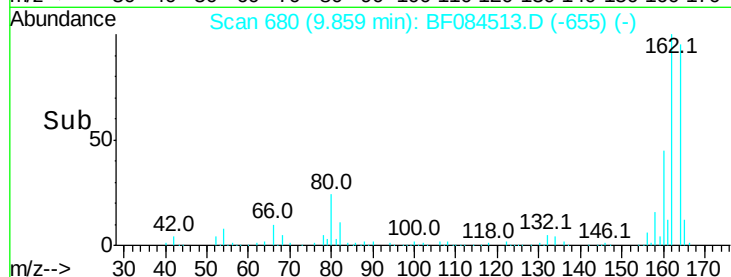
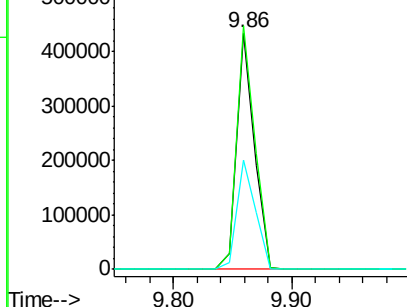
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.01 min
 Lab File: BF084513.D
 Acq: 16 Jan 2016 2:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 452934
 Ion Ratio Lower Upper
 164 100
 162 102.9 85.1 127.7
 160 46.2 37.5 56.3

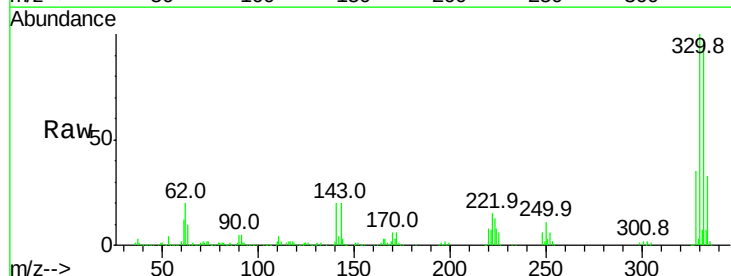


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

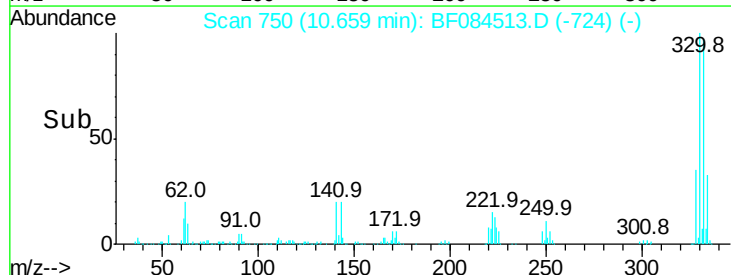
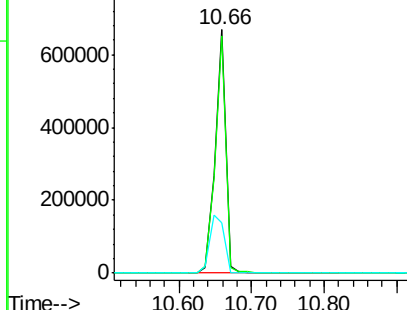


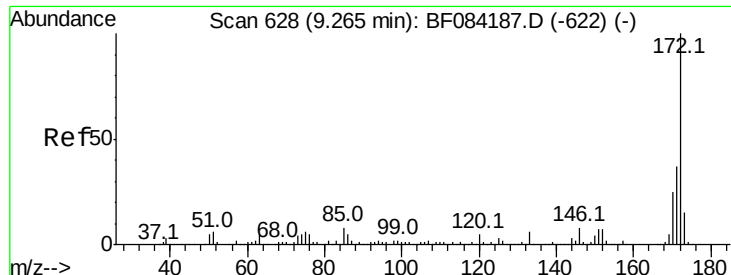
#41
 2,4,6-Tribromophenol
 Concen: 148.15 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF084513.D
 Acq: 16 Jan 2016 2:05

Tgt Ion:330 Resp: 677454
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 114.8
 141 32.8 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

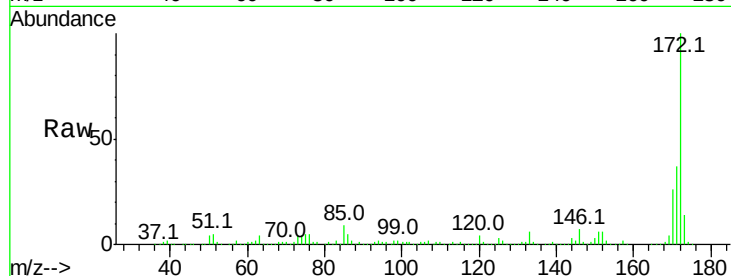




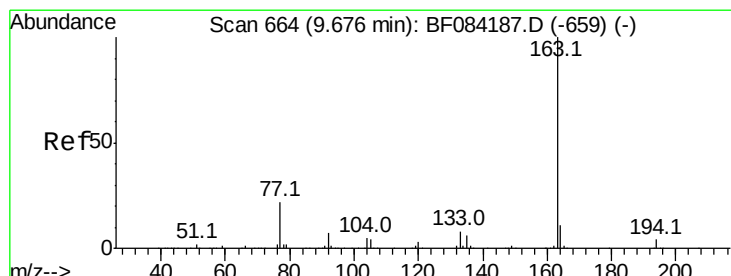
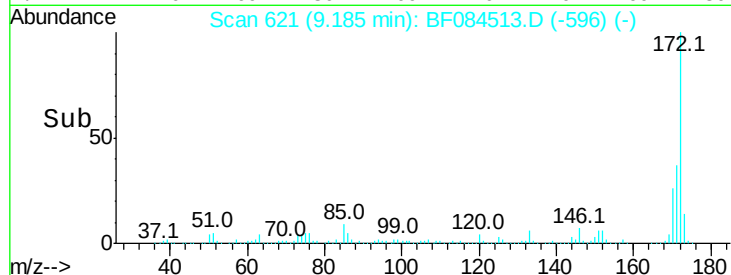
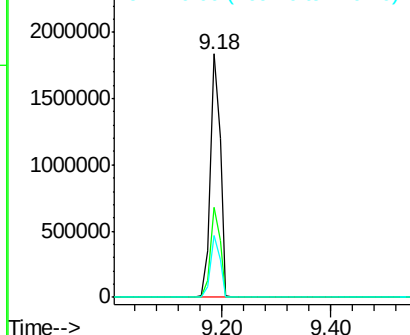
#44
2-Fluorobiphenyl
Concen: 92.05 ng
RT: 9.18 min Scan# 621
Delta R.T. -0.01 min
Lab File: BF084513.D
Acq: 16 Jan 2016 2:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 2356441
Ion Ratio Lower Upper
172 100
171 36.8 28.9 43.3
170 25.5 18.6 27.8

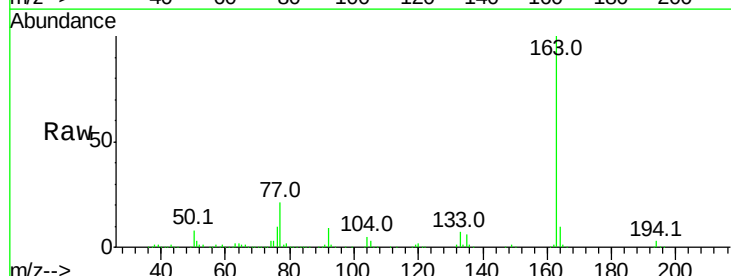


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

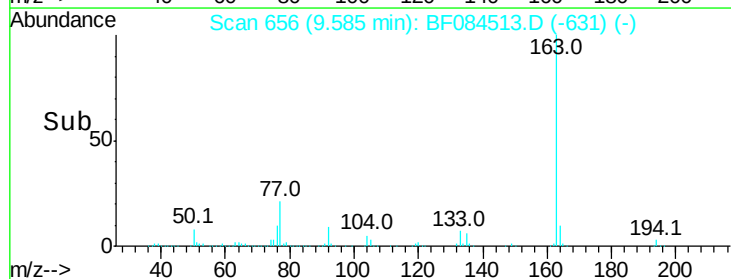
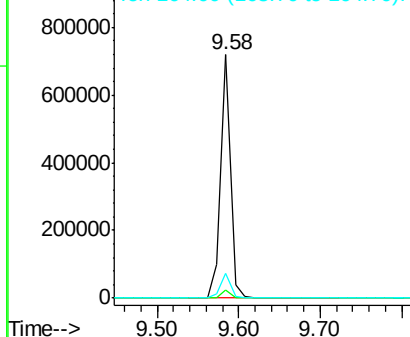


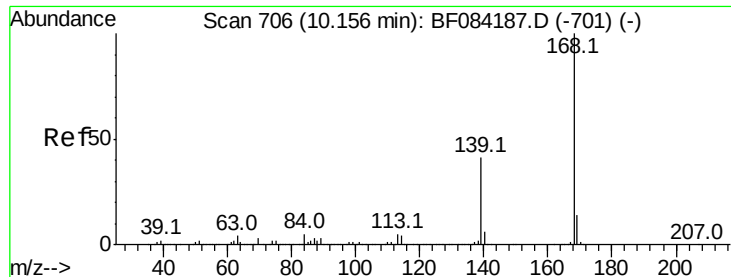
#49
Dimethylphthalate
Concen: 18.43 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF084513.D
Acq: 16 Jan 2016 2:05

Tgt Ion:163 Resp: 596904
Ion Ratio Lower Upper
163 100
194 3.2 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: BF084513.D

Acq: 16 Jan 2016 2:05

Instrument :

BNA_F

ClientSampleId :

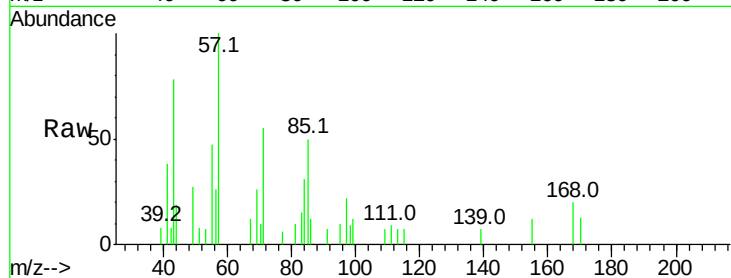
Tot Ion:168 Resp: 637

Ion Ratio Lower Upper

168 100

139 35.7 30.5 45.7

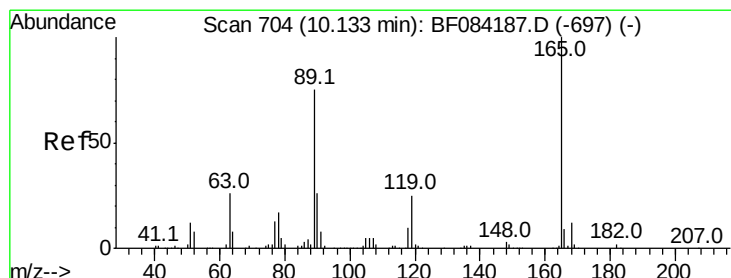
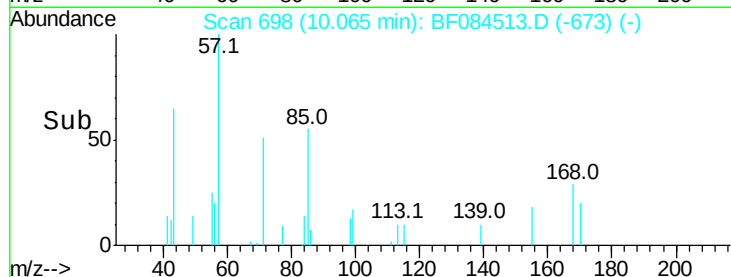
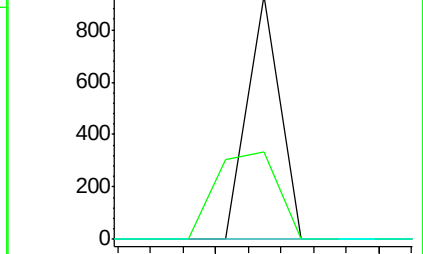
169 0.0 10.4 15.6#



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: 6.46 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.21 min

Lab File: BF084513.D

Acq: 16 Jan 2016 2:05

Tgt Ion:165 Resp: 58035

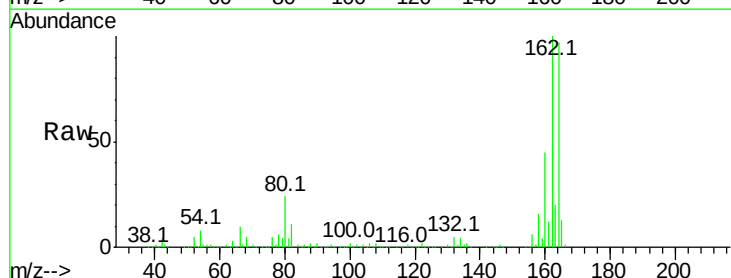
Ion Ratio Lower Upper

165 100

63 1.6 36.7 55.1#

89 1.5 61.9 92.9#

182 0.0 2.0 3.0#

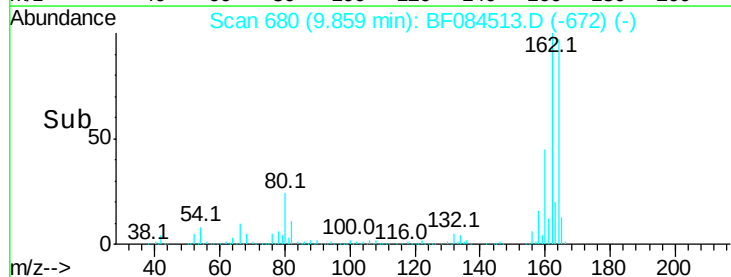
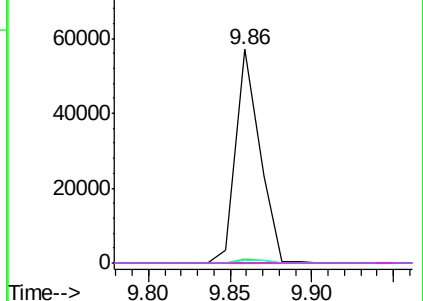


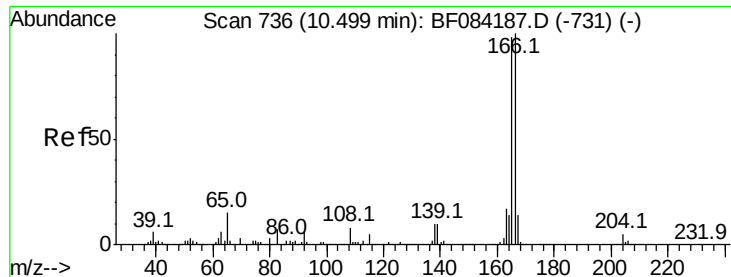
Abundance Ion 165.00 (164.70 to 165.70): E

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





#57

Fluorene

Concen: Below Cal

RT: 10.41 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF084513.D

Acq: 16 Jan 2016 2:05

Instrument :

BNA_F

ClientSampleId :

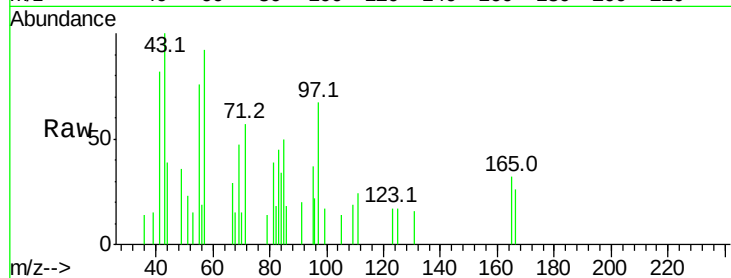
Tot Ion:166 Resp: 645

Ion Ratio Lower Upper

166 100

165 123.2 79.1 118.7#

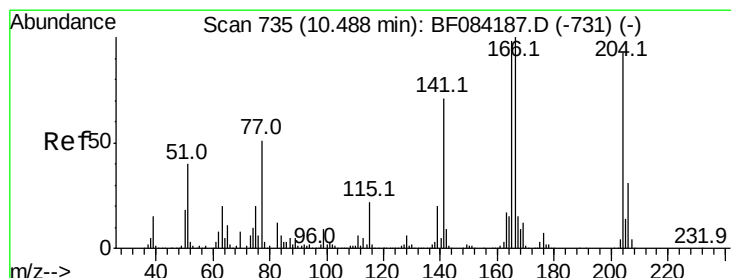
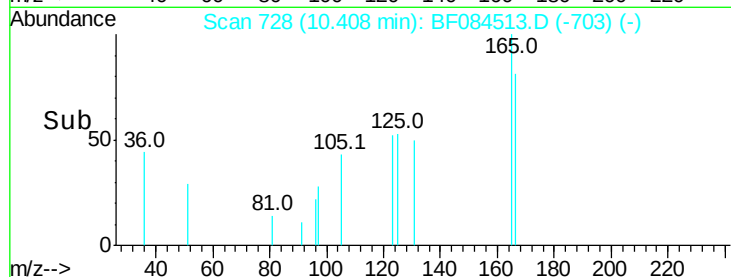
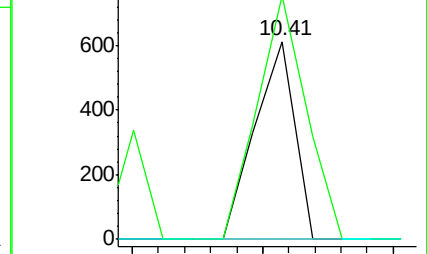
167 0.0 10.4 15.6#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

4-Chlorophenyl-phenylether

Concen: Below Cal

RT: 10.21 min Scan# 711

Delta R.T. -0.19 min

Lab File: BF084513.D

Acq: 16 Jan 2016 2:05

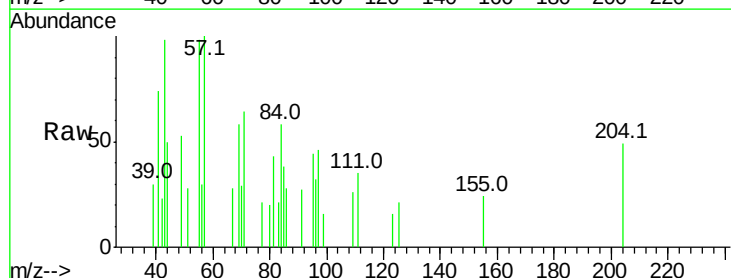
Tgt Ion:204 Resp: 640

Ion Ratio Lower Upper

204 100

206 0.0 25.7 38.5#

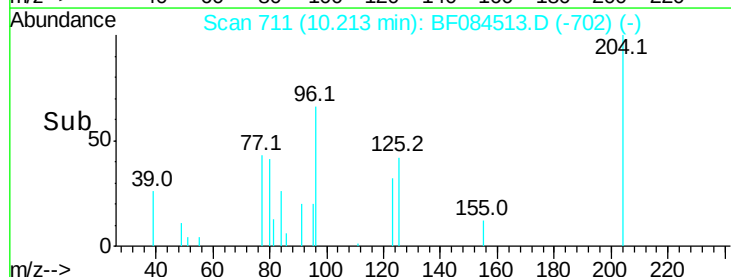
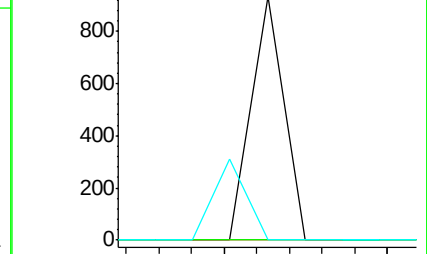
141 0.0 55.1 82.7#

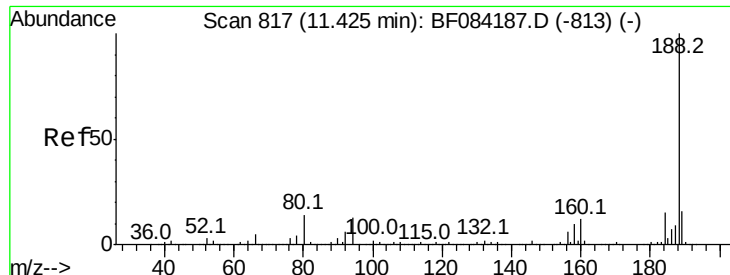


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

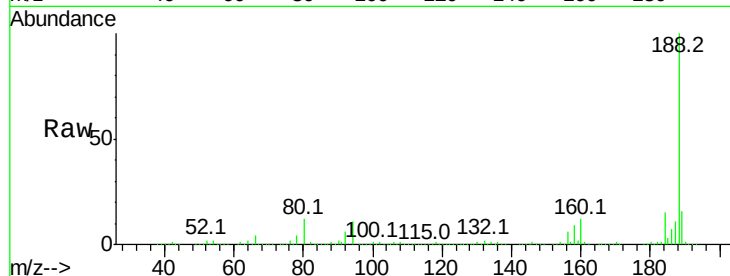




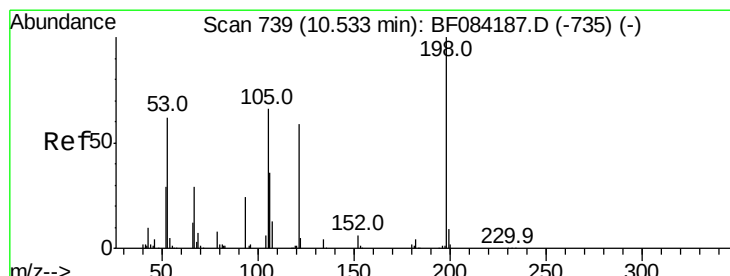
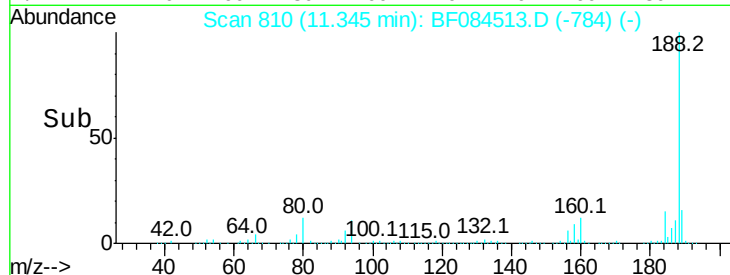
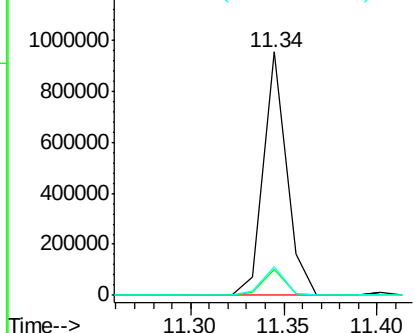
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF084513.D
 Acq: 16 Jan 2016 2:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 819516
 Ion Ratio Lower Upper
 188 100
 94 10.8 9.0 13.4
 80 11.7 9.6 14.4

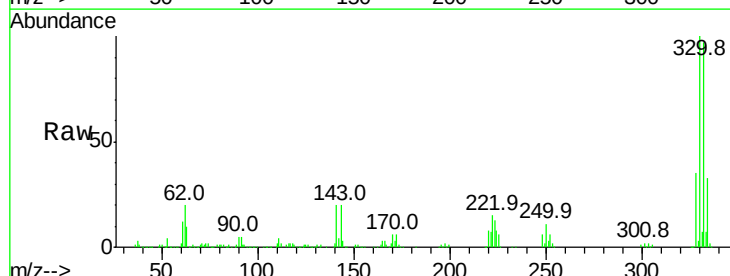


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

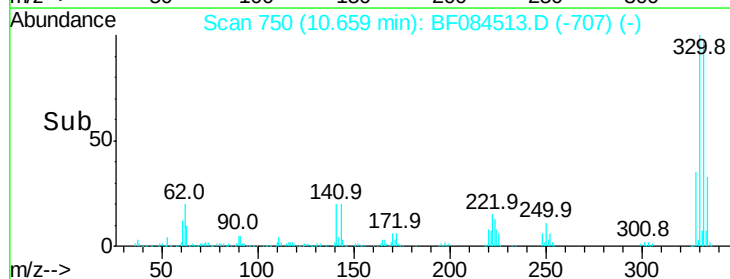
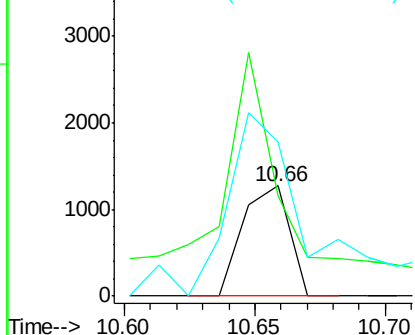


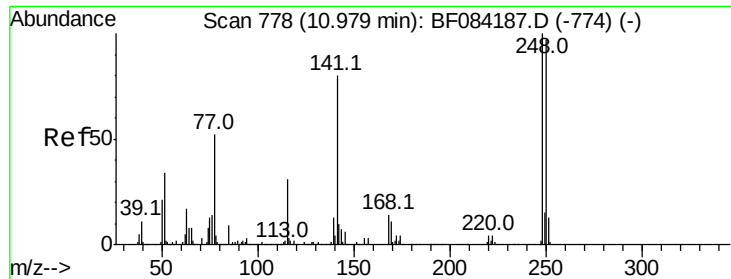
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.66 ng
 RT: 10.66 min Scan# 750
 Delta R.T. 0.19 min
 Lab File: BF084513.D
 Acq: 16 Jan 2016 2:05

Tgt Ion:198 Resp: 1590
 Ion Ratio Lower Upper
 198 100
 51 90.8 18.9 58.9#
 105 139.7 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

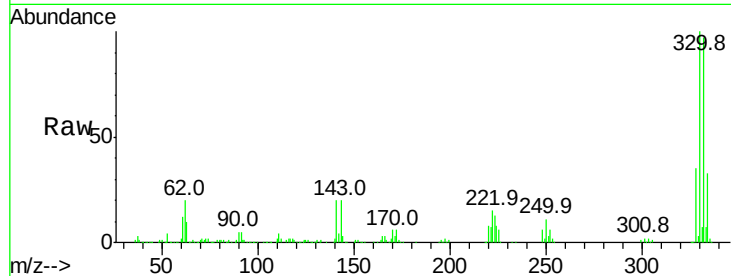




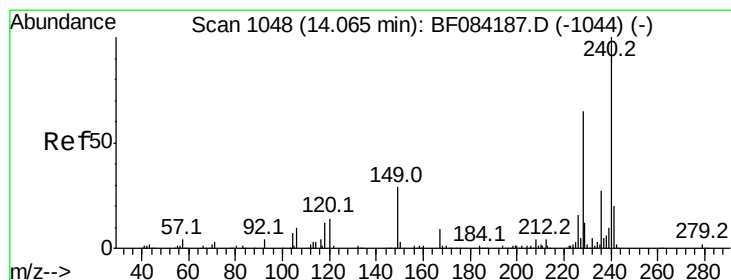
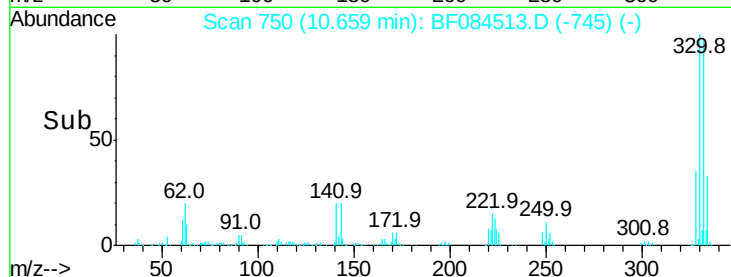
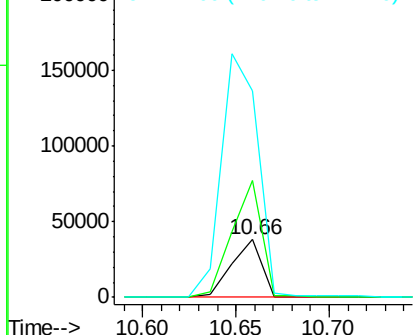
#66
4-Bromophenyl-phenylether
Concen: 4.93 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.24 min
Lab File: BF084513.D
Acq: 16 Jan 2016 2:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 43492
Ion Ratio Lower Upper
248 100
250 202.4 78.4 117.6#
141 359.4 44.0 66.0#

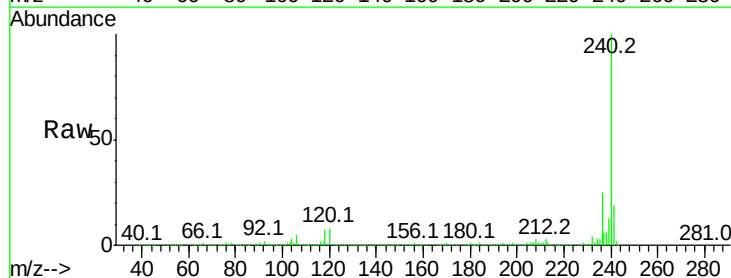


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

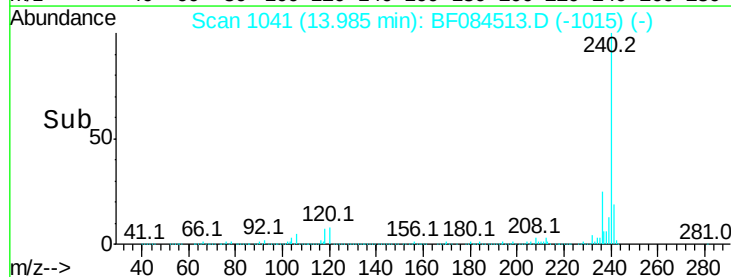
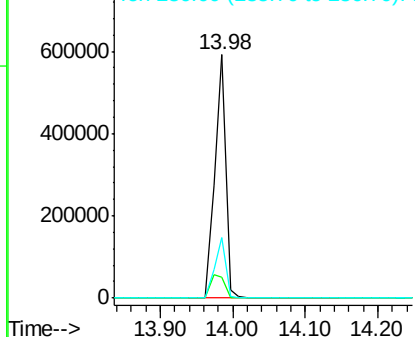


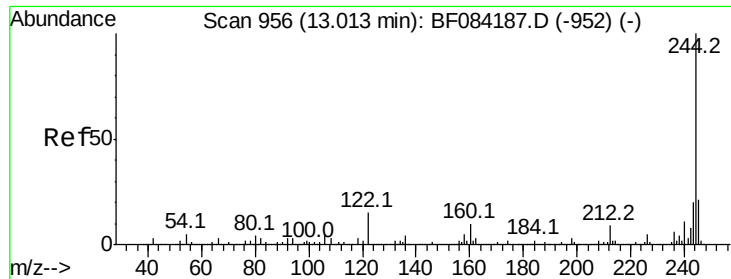
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF084513.D
Acq: 16 Jan 2016 2:05

Tgt Ion:240 Resp: 616882
Ion Ratio Lower Upper
240 100
120 8.4 9.5 14.3#
236 24.9 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

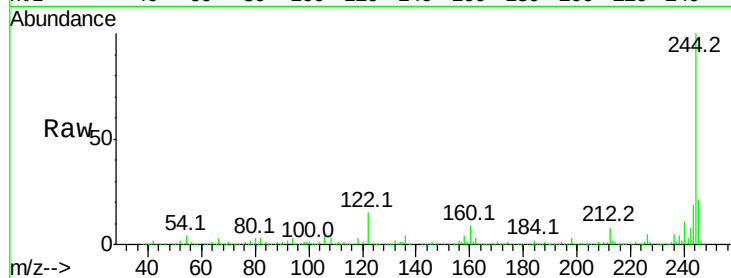




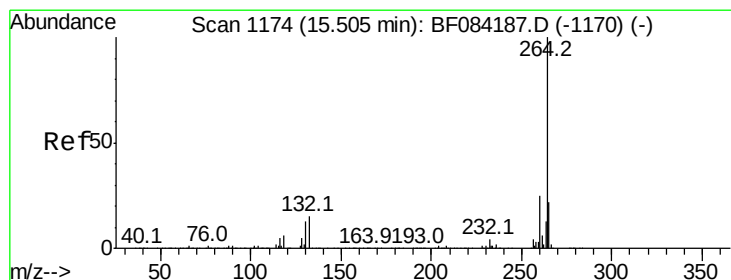
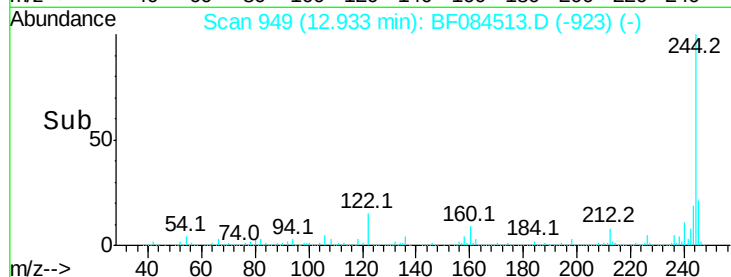
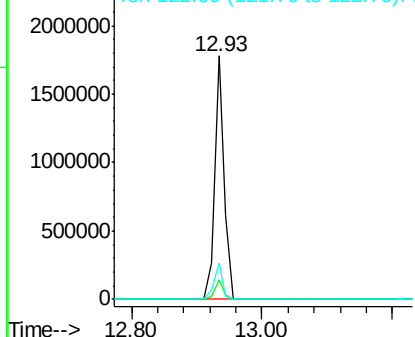
#78
 Terphenyl-d14
 Concen: 66.26 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF084513.D
 Acq: 16 Jan 2016 2:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1831176
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.7 8.5
 122 15.0 7.4 11.0#

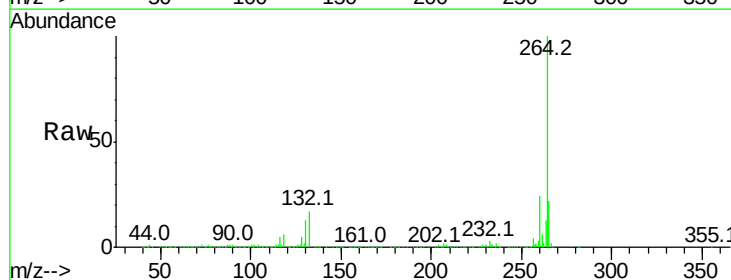


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BF084513.D
 Acq: 16 Jan 2016 2:05

Tgt Ion:264 Resp: 539712
 Ion Ratio Lower Upper
 264 100
 260 23.9 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

