

Data Path : U:\HPCHEM1\BNA F\DATA\BF011516\
 Data File : BF084515.D
 Acq On : 16 Jan 2016 3:01
 Operator : SJ/UM
 Sample : H1144-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 16 03:53:29 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	258632	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	1055698	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	457283	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	832447	20.00	ng	0.00
75) Chrysene-d12	13.99	240	623321	20.00	ng	0.00
86) Perylene-d12	15.40	264	550970	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	1900099	118.83	ng	0.01
7) Phenol-d6	6.46	99	2428825	120.95	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1655079	87.25	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	608001	131.70	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	2309801	89.17	ng	-0.01
78) Terphenyl-d14	12.93	244	1779178	63.71	ng	0.00

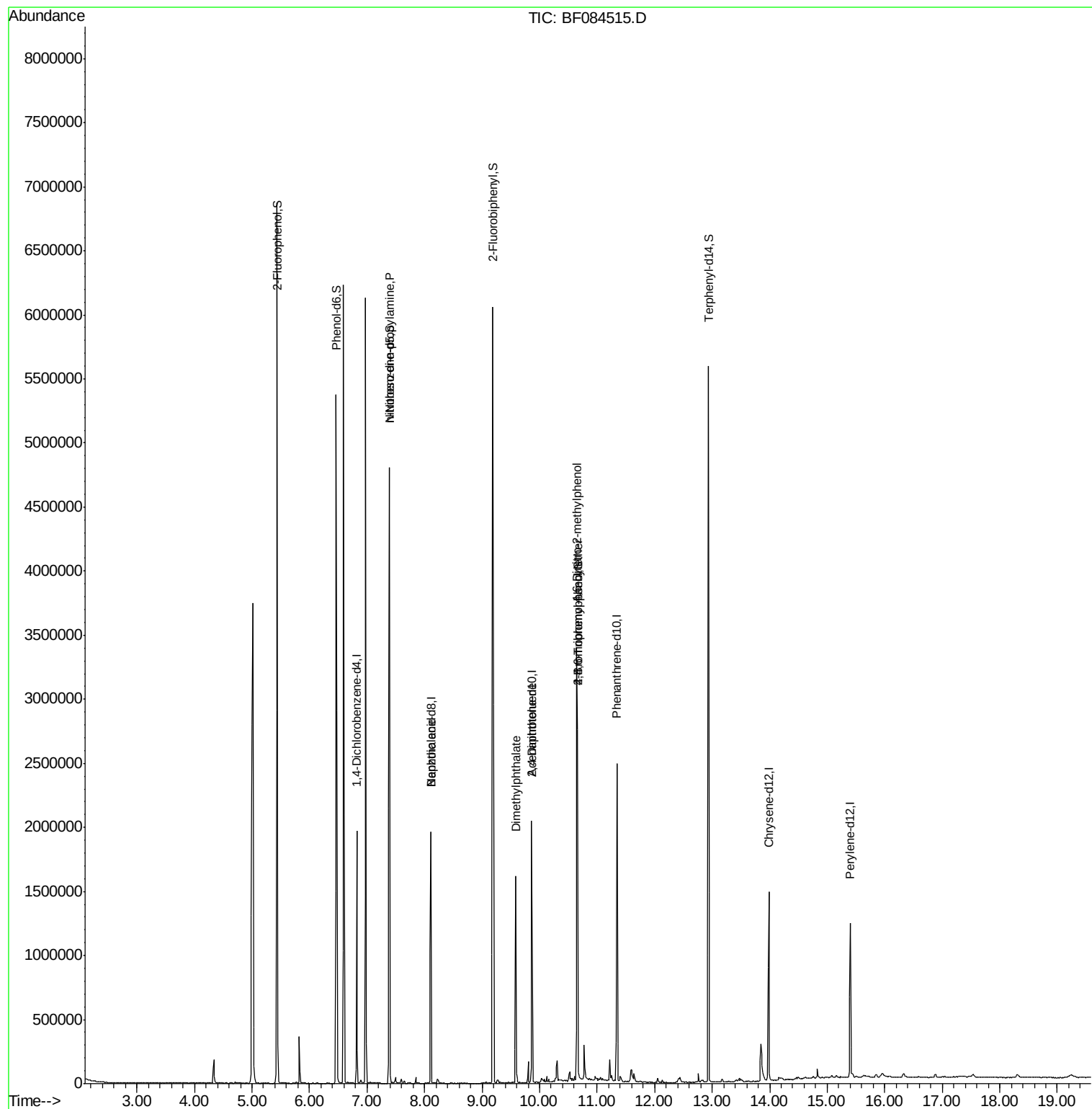
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	234348	17.24	ng	# 74
32) Benzoic acid	8.11	122	225	6.27	ng	# 1
49) Dimethylphthalate	9.58	163	603838	18.47	ng	# 90
54) Dibenzofuran	10.06	168	324	Below Cal		# 18
56) 2,4-Dinitrotoluene	9.86	165	59396	6.55	ng	# 21
57) Fluorene	10.65	166	24216	Below Cal		# 92
64) 4,6-Dinitro-2-methylphenol	10.65	198	1181	6.60	ng	# 1
66) 4-Bromophenyl-phenylether	10.66	248	37451	4.18	ng	# 1
73) Di-n-butylphthalate	11.92	149	3272	Below Cal		# 79

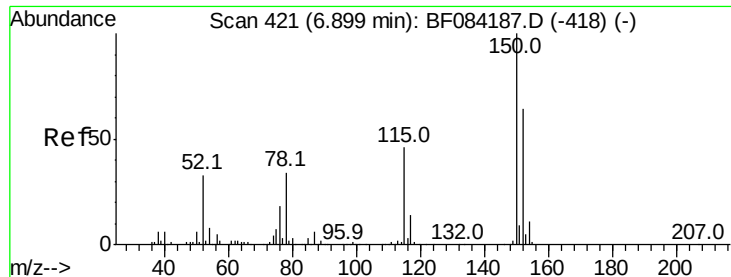
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF084515.D

Acq: 16 Jan 2016 3:01

Instrument :

BNA_F

ClientSampleId :

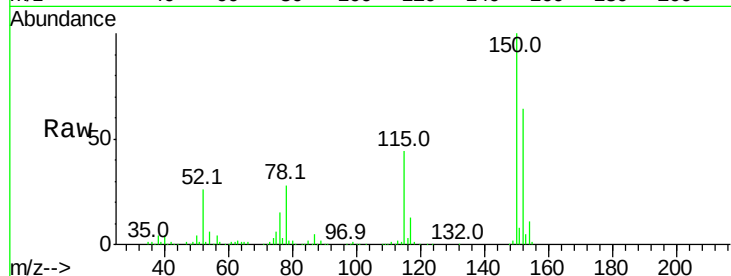
Tot Ion:152 Resp: 258632

Ion Ratio Lower Upper

152 100

150 157.4 123.0 184.4

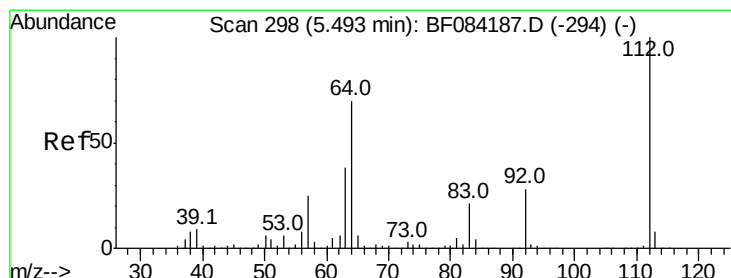
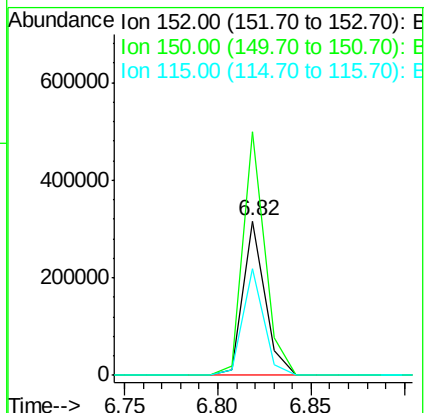
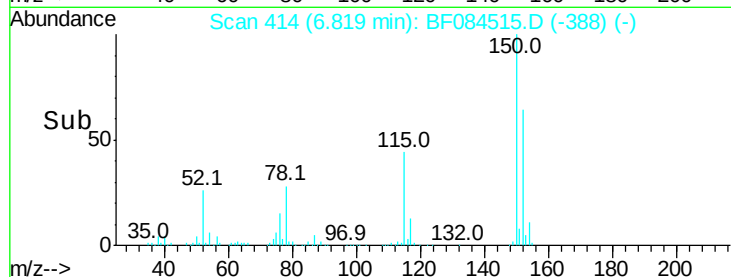
115 68.9 51.4 77.2



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



#5

2-Fluorophenol

Concen: 118.83 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF084515.D

Acq: 16 Jan 2016 3:01

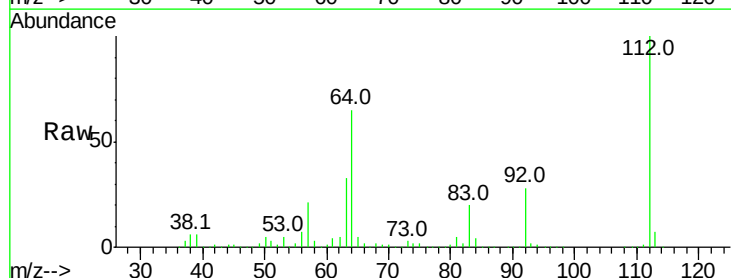
Tgt Ion:112 Resp: 1900099

Ion Ratio Lower Upper

112 100

64 64.8 36.6 55.0#

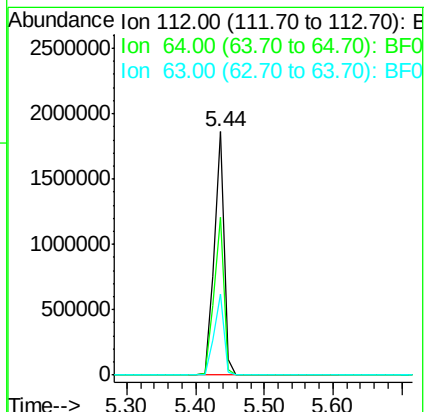
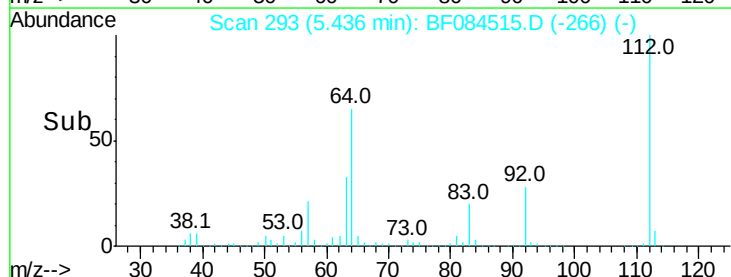
63 33.4 19.4 29.0#

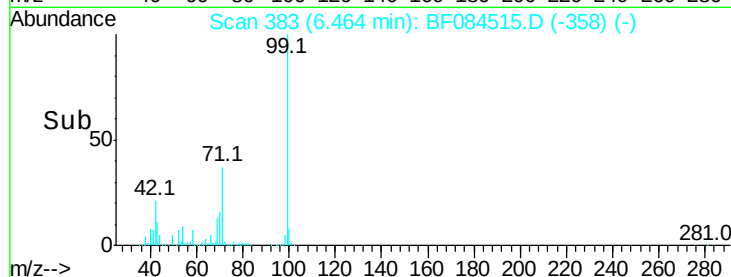
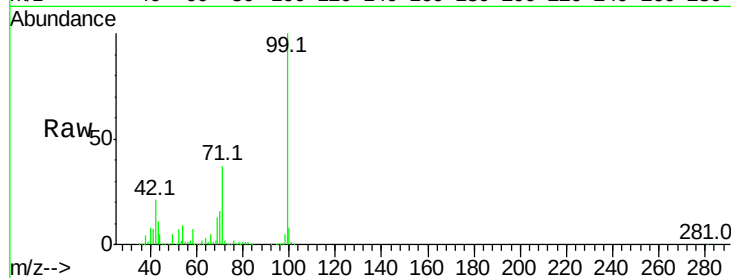
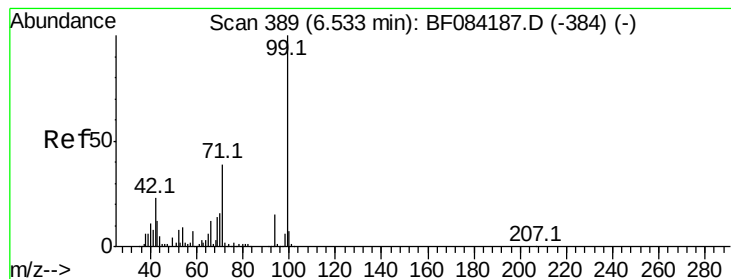


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.95 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF084515.D

Acq: 16 Jan 2016 3:01

Instrument :

BNA_F

ClientSampled :

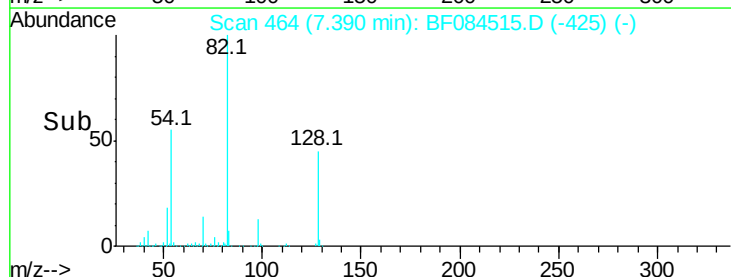
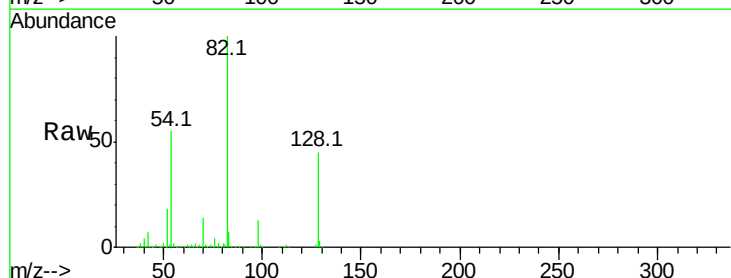
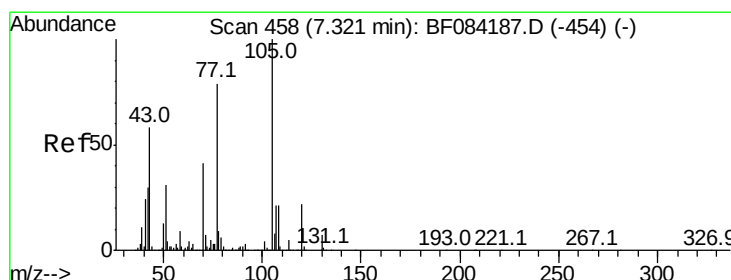
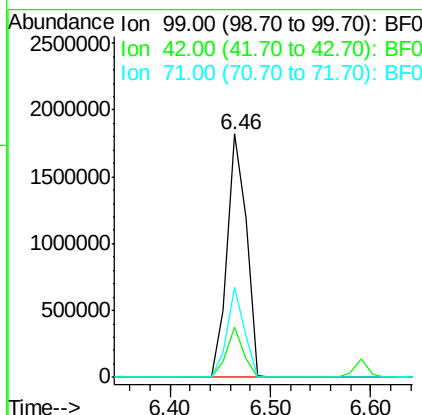
Tot Ion: 99 Resp: 2428825

Ion Ratio Lower Upper

99 100

42 20.9 12.8 19.2#

71 37.0 30.9 46.3



#19

n-Nitroso-di-n-propylamine

Concen: 17.24 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.15 min

Lab File: BF084515.D

Acq: 16 Jan 2016 3:01

Tgt Ion: 70 Resp: 234348

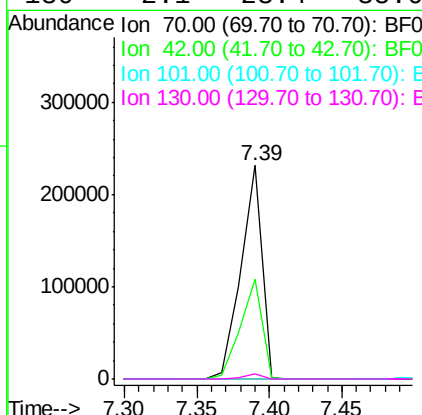
Ion Ratio Lower Upper

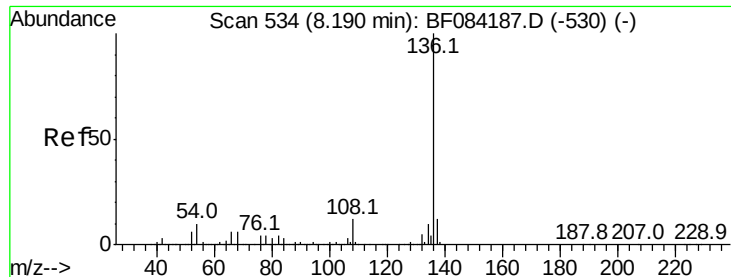
70 100

42 46.7 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: BF084515.D

Acq: 16 Jan 2016 3:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1055698

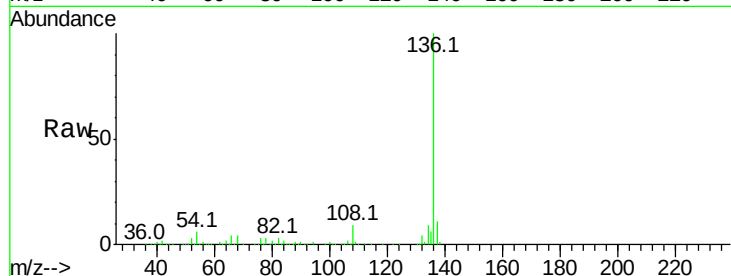
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 6.3 5.8 8.8

68 4.2 4.2 6.2

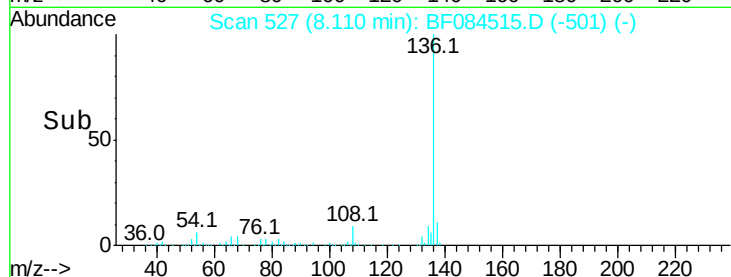


Abundance Ion 136.00 (135.70 to 136.70): E

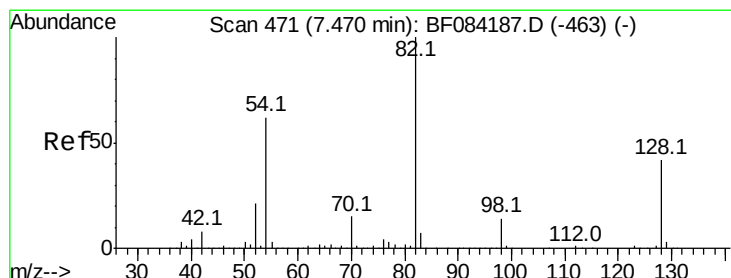
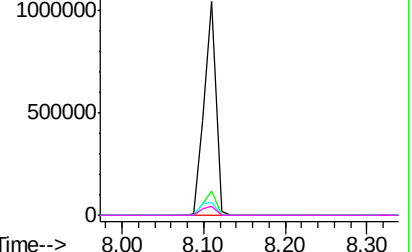
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 87.25 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF084515.D

Acq: 16 Jan 2016 3:01

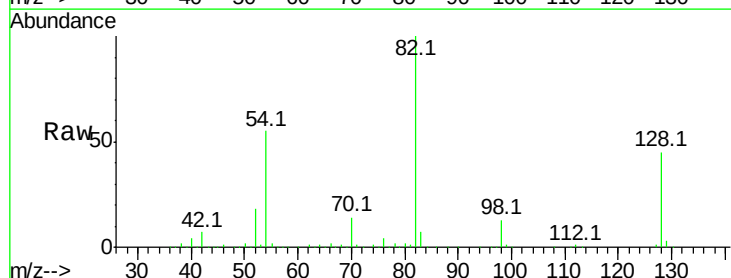
Tgt Ion: 82 Resp: 1655079

Ion Ratio Lower Upper

82 100

128 45.3 34.6 51.8

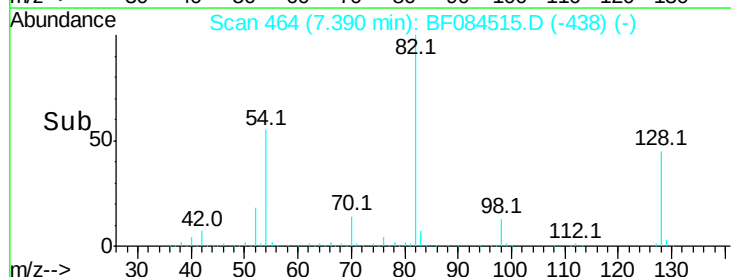
54 55.3 38.4 57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

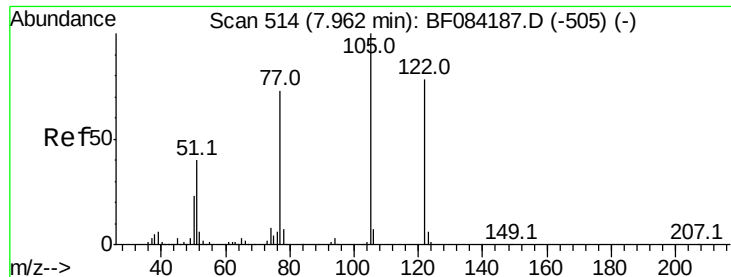
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#32

Benzoic acid

Concen: 6.27 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.21 min

Lab File: BF084515.D

Acq: 16 Jan 2016 3:01

Instrument :

BNA_F

ClientSampleId :

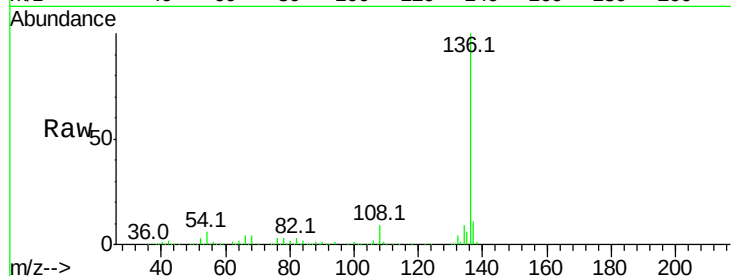
Tot Ion:122 Resp: 225

Ion Ratio Lower Upper

122 100

105 267.1 100.3 140.3#

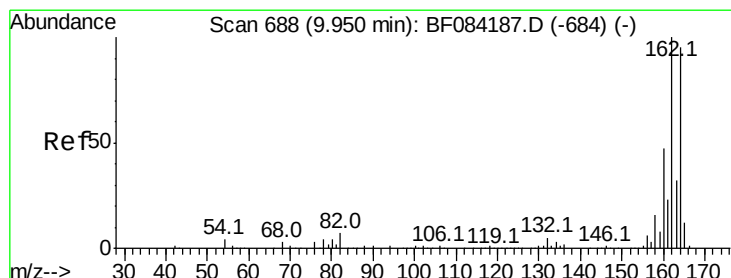
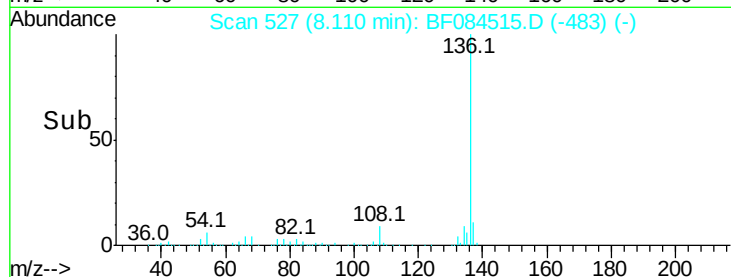
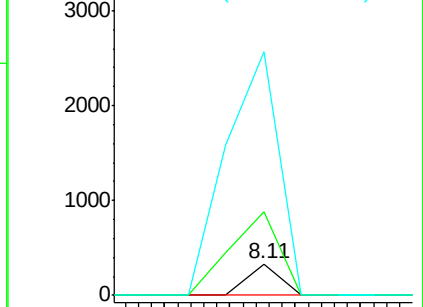
77 782.6 63.5 103.5#



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: BF084515.D

Acq: 16 Jan 2016 3:01

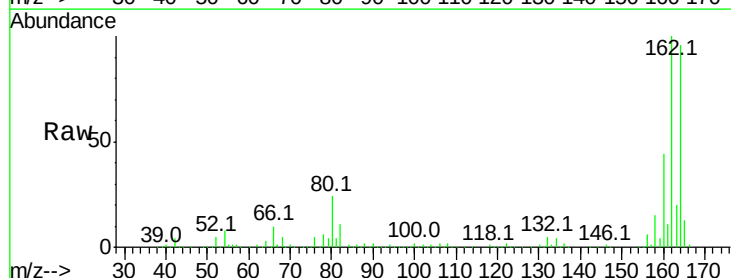
Tgt Ion:164 Resp: 457283

Ion Ratio Lower Upper

164 100

162 103.9 85.1 127.7

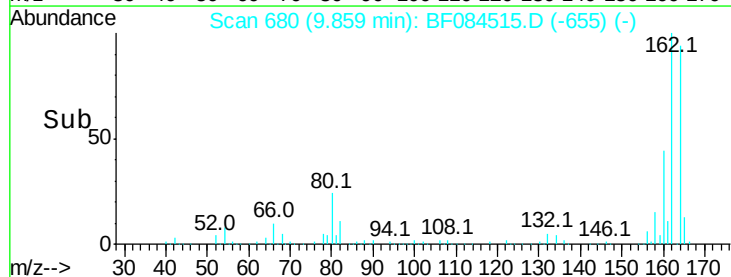
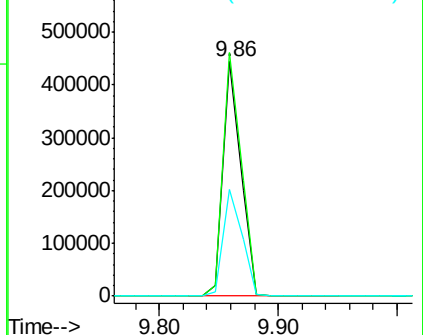
160 45.5 37.5 56.3

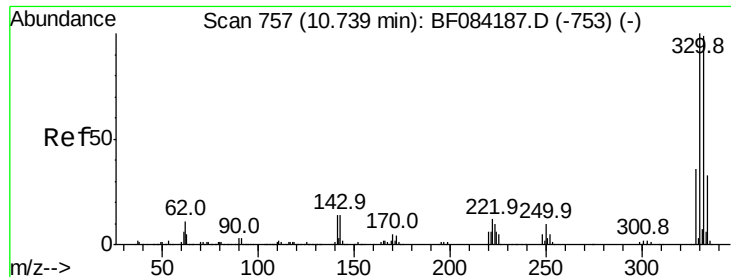


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

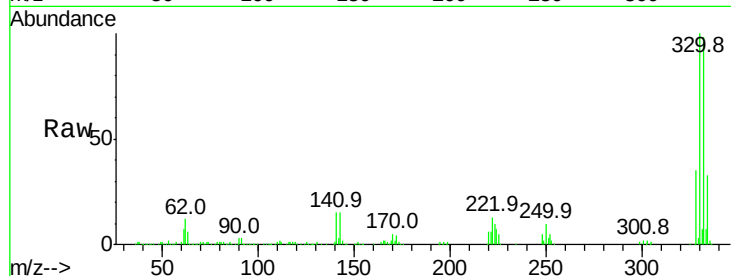




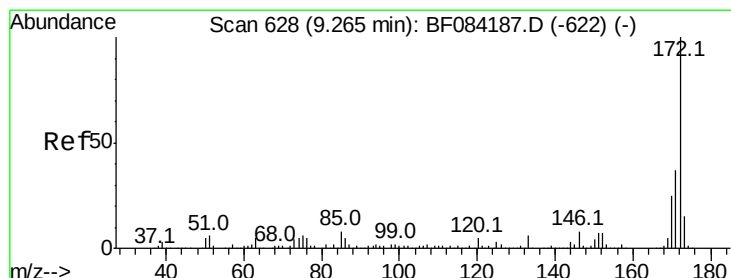
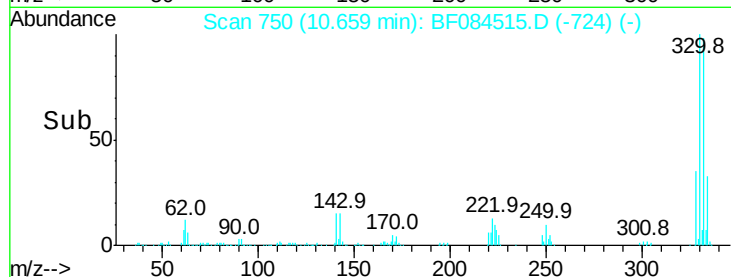
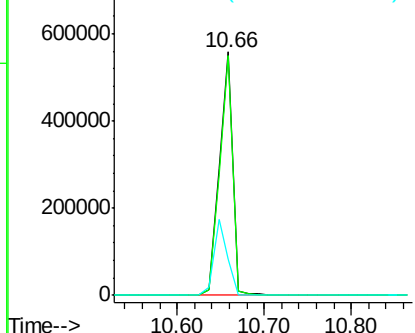
#41
 2,4,6-Tribromophenol
 Concen: 131.70 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF084515.D
 Acq: 16 Jan 2016 3:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.6	114.8
141	31.8	27.8	41.6

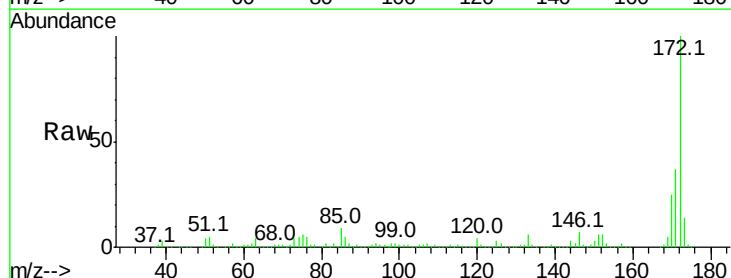


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

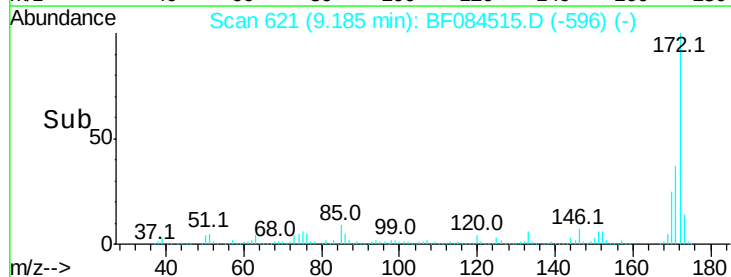
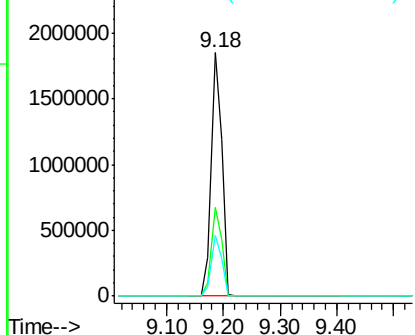


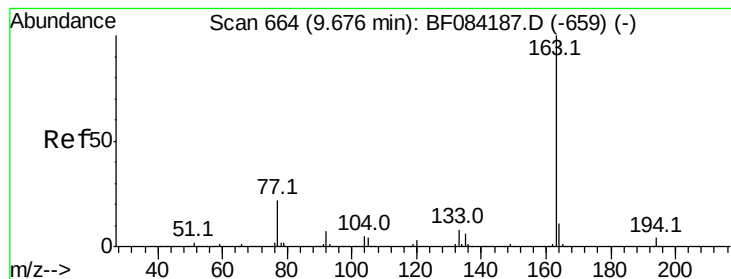
#44
 2-Fluorobiphenyl
 Concen: 89.17 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF084515.D
 Acq: 16 Jan 2016 3:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.9	43.3
170	24.8	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: 18.47 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF084515.D

Acq: 16 Jan 2016 3:01

Instrument :

BNA_F

ClientSampled :

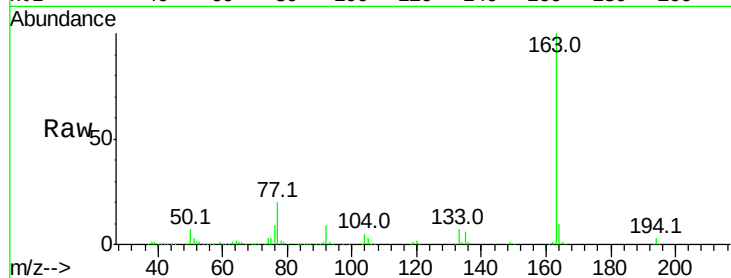
Tot Ion:163 Resp: 603838

Ion Ratio Lower Upper

163 100

194 3.1 8.0 12.0#

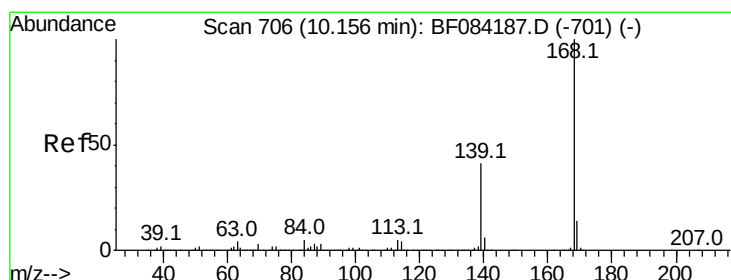
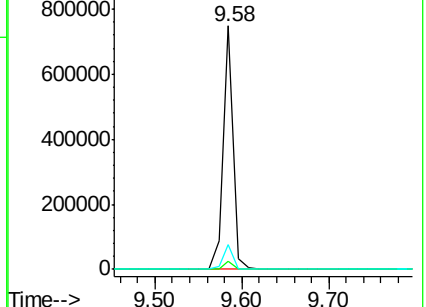
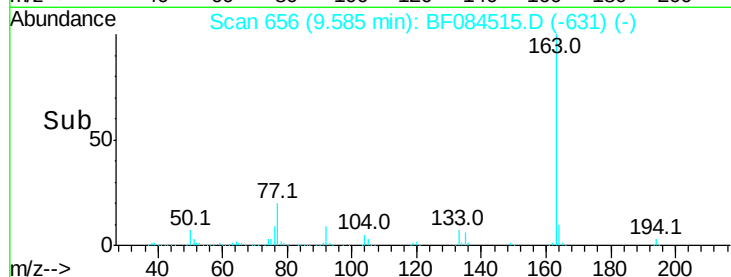
164 10.2 8.0 12.0



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: BF084515.D

Acq: 16 Jan 2016 3:01

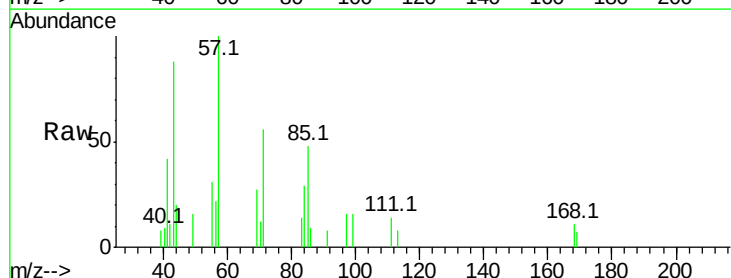
Tgt Ion:168 Resp: 324

Ion Ratio Lower Upper

168 100

139 0.0 30.5 45.7#

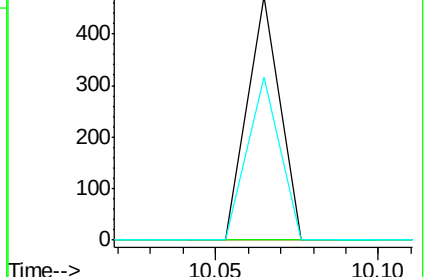
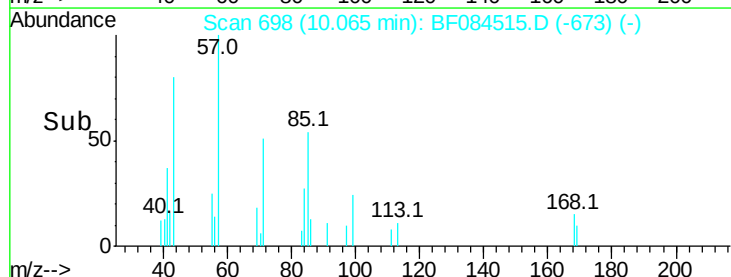
169 67.2 10.4 15.6#

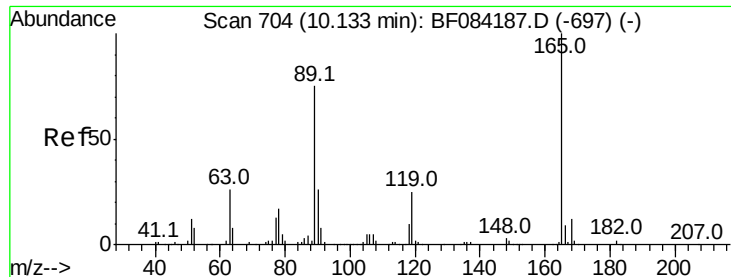


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

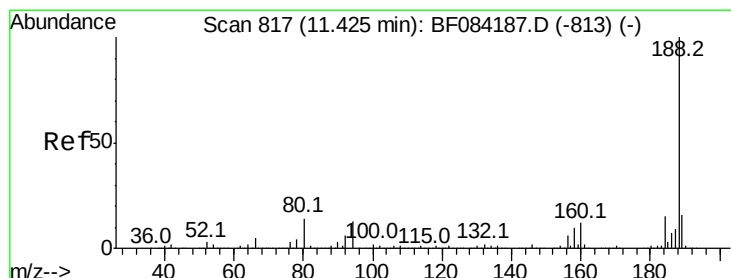
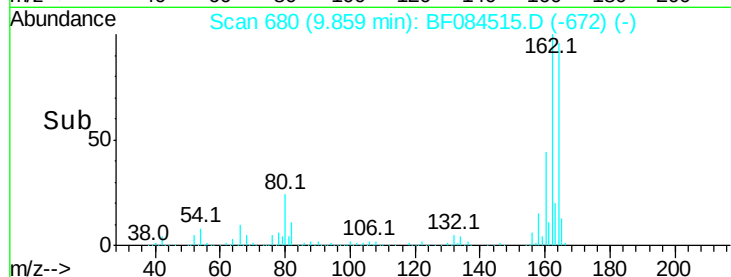
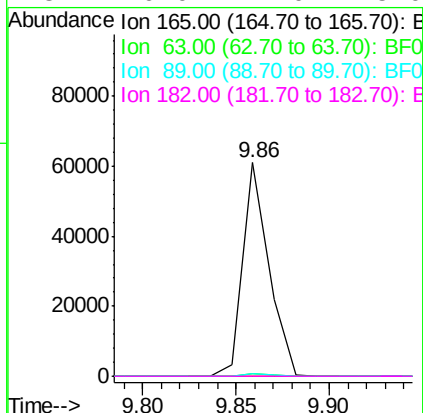
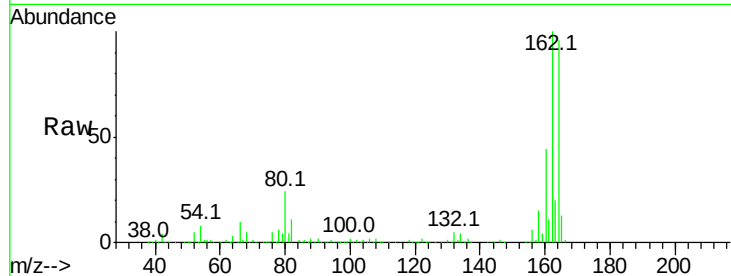




#56
 2,4-Dinitrotoluene
 Concen: 6.55 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.21 min
 Lab File: BF084515.D
 Acq: 16 Jan 2016 3:01

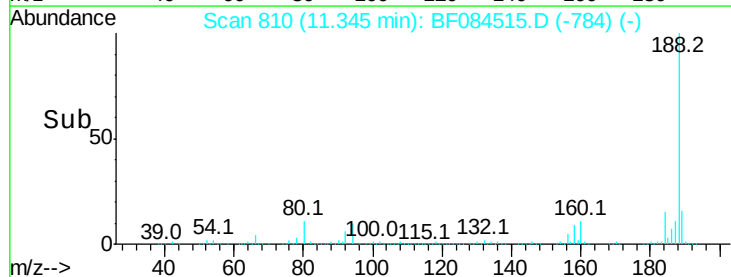
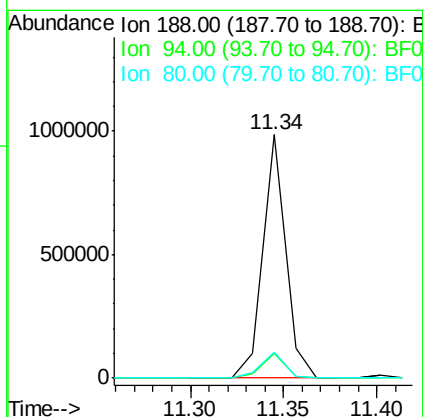
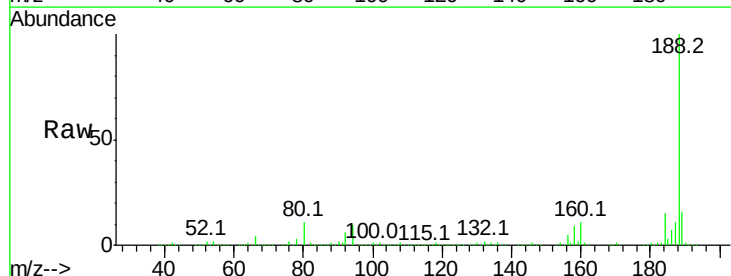
Instrument :
 BNA_F
 ClientSampleId :

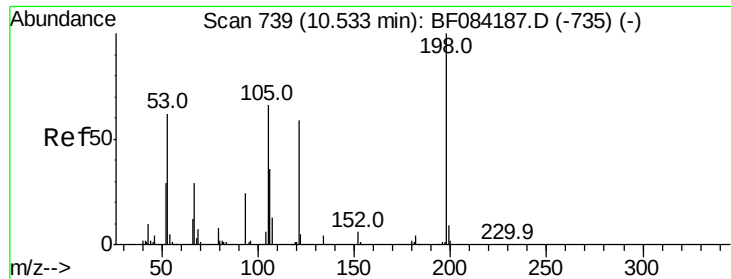
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.7	55.1#
89	1.1	61.9	92.9#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF084515.D
 Acq: 16 Jan 2016 3:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.0	13.4
80	10.6	9.6	14.4

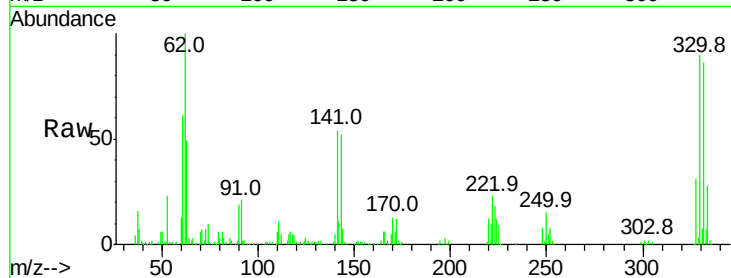




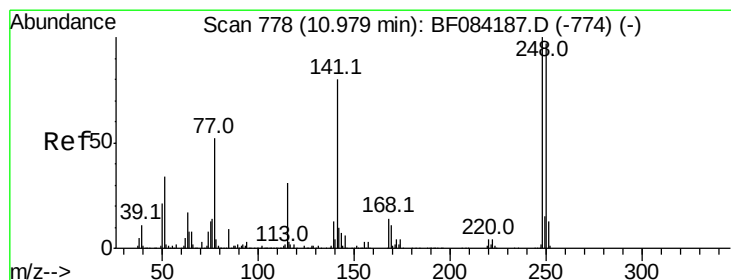
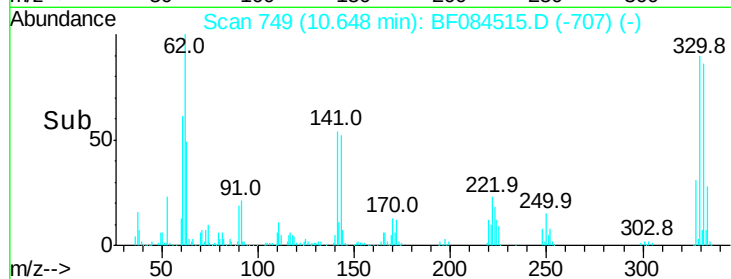
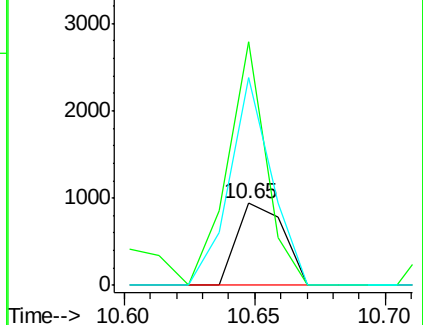
#64
4,6-Dinitro-2-methylphenol
Concen: 6.60 ng
RT: 10.65 min Scan# 749
Delta R.T. 0.18 min
Lab File: BF084515.D
Acq: 16 Jan 2016 3:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 1181
Ion Ratio Lower Upper
198 100
51 296.8 18.9 58.9#
105 253.9 26.4 66.4#

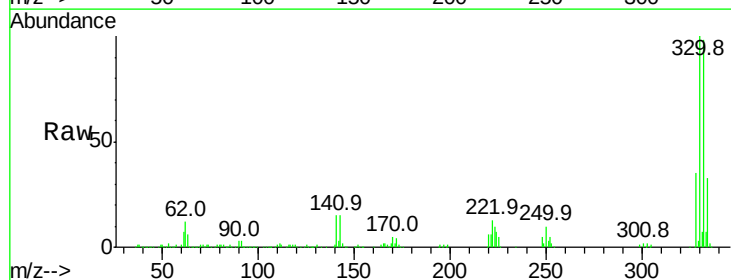


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

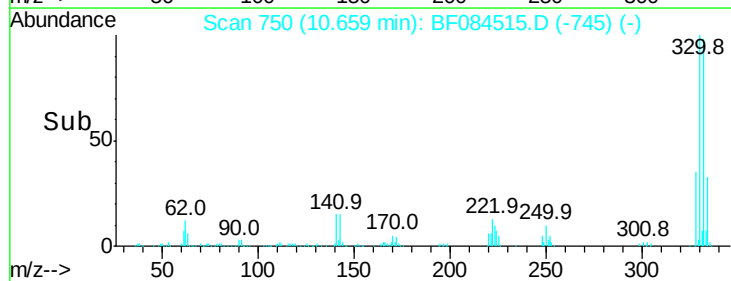
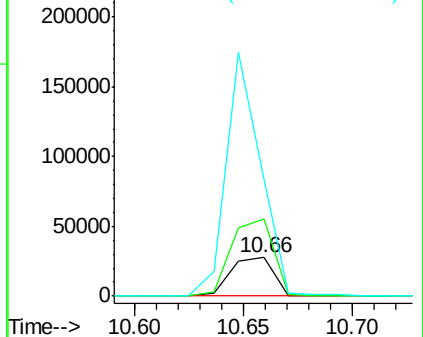


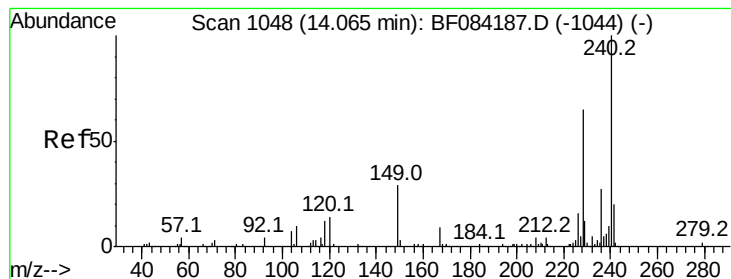
#66
4-Bromophenyl-phenylether
Concen: 4.18 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.24 min
Lab File: BF084515.D
Acq: 16 Jan 2016 3:01

Tgt Ion:248 Resp: 37451
Ion Ratio Lower Upper
248 100
250 201.2 78.4 117.6#
141 304.1 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: BF084515.D

Acq: 16 Jan 2016 3:01

Instrument :

BNA_F

ClientSampleId :

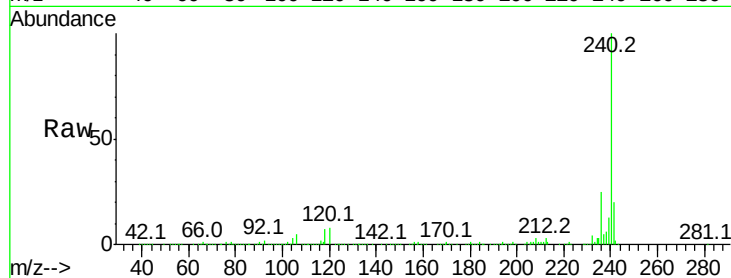
Tot Ion:240 Resp: 623321

Ion Ratio Lower Upper

240 100

120 8.2 9.5 14.3#

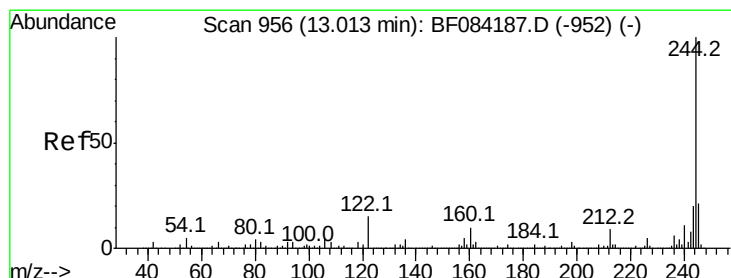
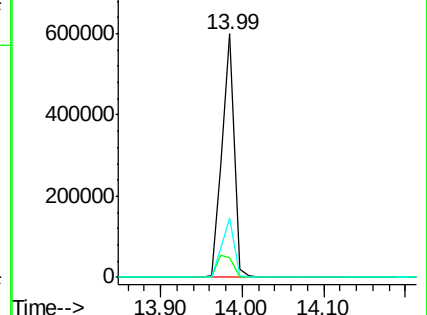
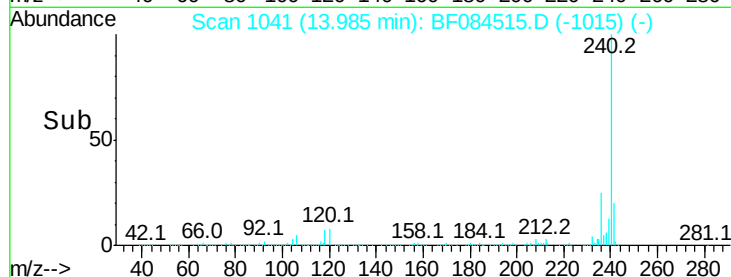
236 24.5 20.6 31.0



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: 63.71 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF084515.D

Acq: 16 Jan 2016 3:01

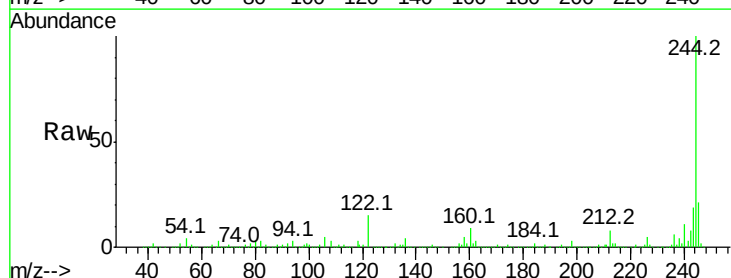
Tgt Ion:244 Resp: 1779178

Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

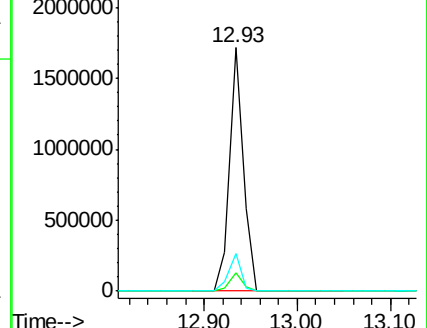
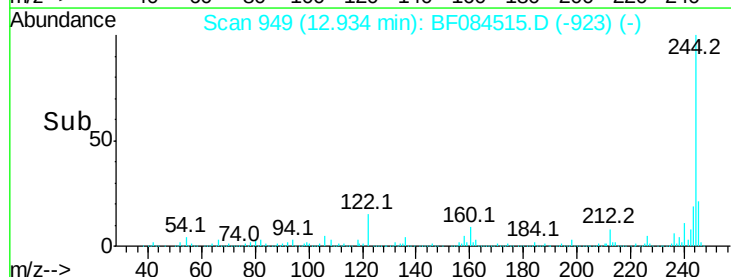
122 15.5 7.4 11.0#

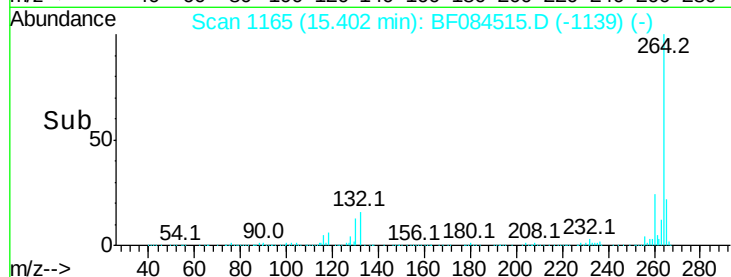
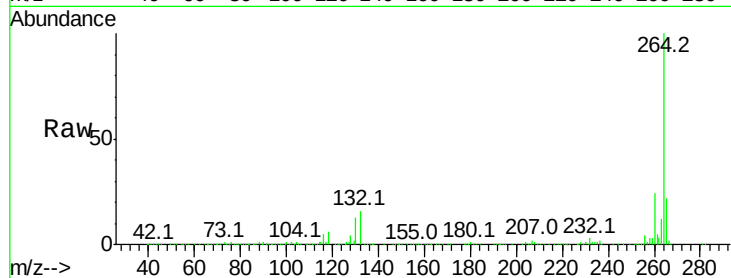
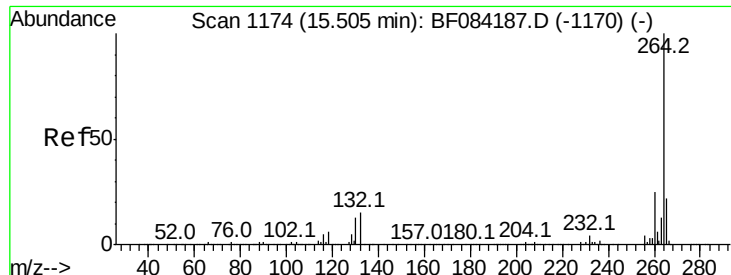


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF084515.D

Acq: 16 Jan 2016 3:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 550970

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

265 21.8 17.8 26.6

