

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
 Data File : BF085507.D
 Acq On : 17 Mar 2016 22:44
 Operator : UM/SJ
 Sample : H1790-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8B-(10-20)RE

Quant Time: Mar 18 00:51:17 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 18:57:05 2016
 Response via : Initial Calibration

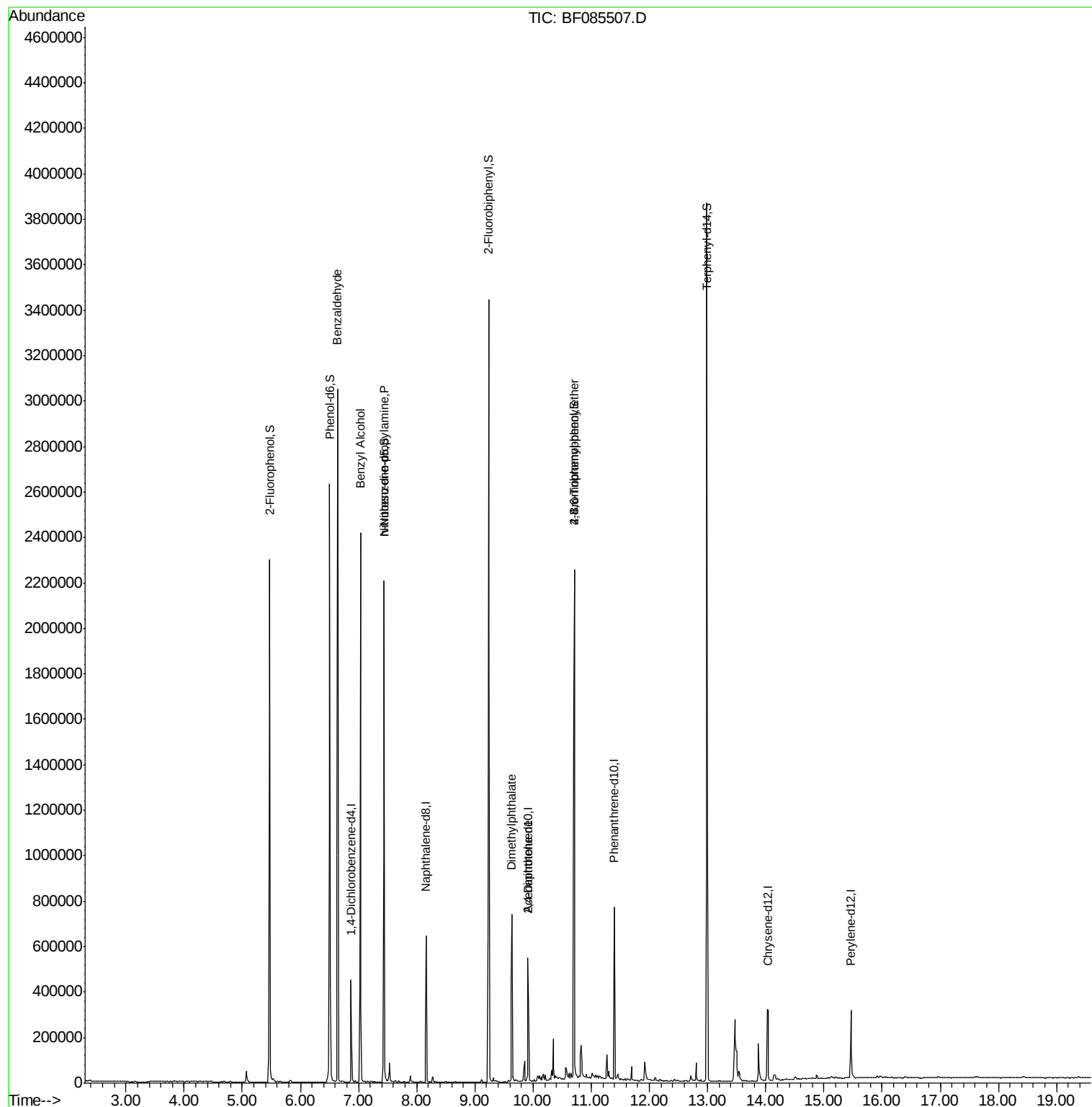
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	74473	20.00	ng	-0.05
21) Naphthalene-d8	8.16	136	311123	20.00	ng	-0.05
38) Acenaphthene-d10	9.91	164	128816	20.00	ng	-0.05
63) Phenanthrene-d10	11.40	188	256652	20.00	ng	-0.05
75) Chrysene-d12	14.04	240	159964	20.00	ng	-0.05
86) Perylene-d12	15.47	264	136209	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	885297	204.34	ng	-0.03
7) Phenol-d6	6.50	99	1126005	200.36	ng	-0.05
23) Nitrobenzene-d5	7.44	82	820336	155.90	ng	-0.05
41) 2,4,6-Tribromophenol	10.71	330	408800	344.55	ng	-0.05
44) 2-Fluorobiphenyl	9.24	172	1465324	197.34	ng	-0.05
78) Terphenyl-d14	12.99	244	1386226	196.04	ng	-0.05
Target Compounds						
9) Benzaldehyde	6.64	77	20444	6.52	ng	Qvalue 83
15) Benzyl Alcohol	7.03	79	10698	2.67	ng	# 45
19) n-Nitroso-di-n-propylamine	7.44	70	111553	33.15	ng	# 75
49) Dimethylphthalate	9.64	163	385430	41.01	ng	99
56) 2,4-Dinitrotoluene	9.91	165	16668	6.40	ng	# 20
66) 4-Bromophenyl-phenylether	10.71	248	26679	10.27	ng	# 1

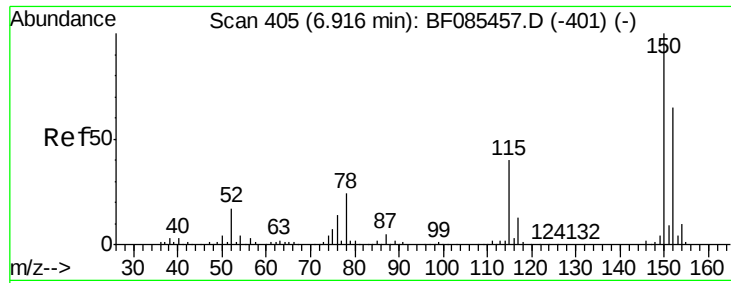
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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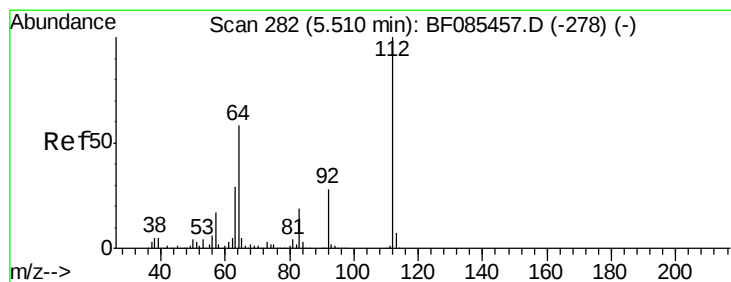
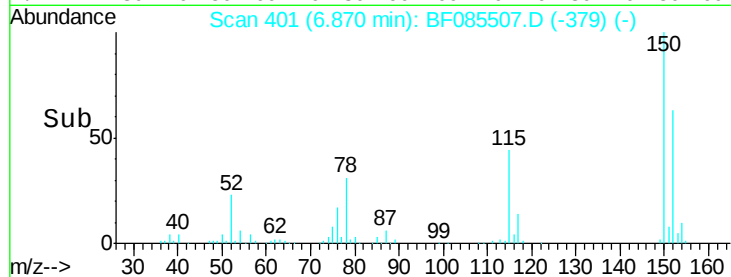
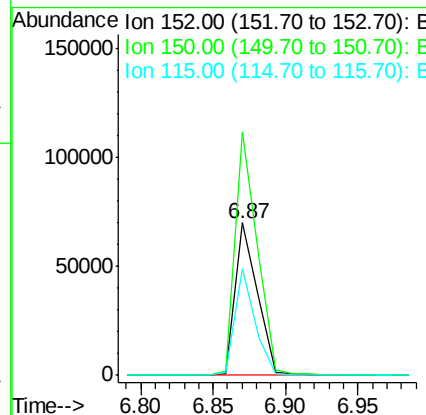
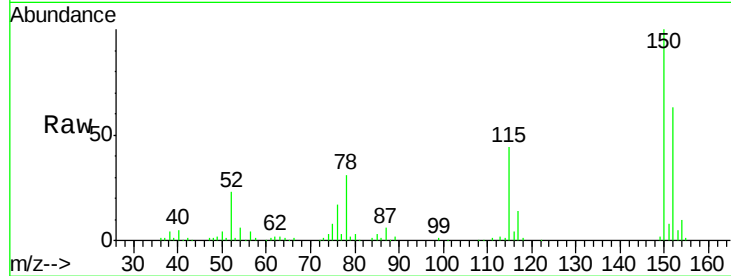


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 401
Delta R.T. -0.05 min
Lab File: BF085507.D
Acq: 17 Mar 2016 22:44

Instrument :
BNA_F
ClientSampleId :
GRID-8B-(10-20)RE

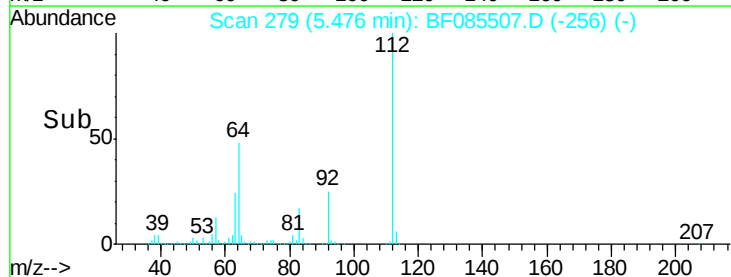
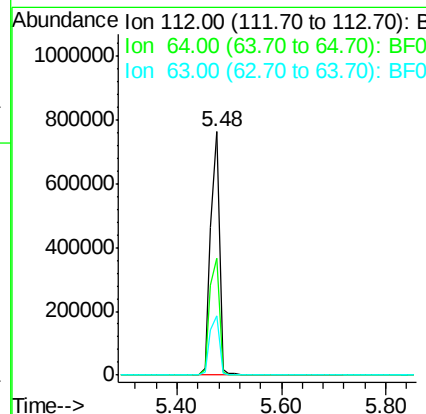
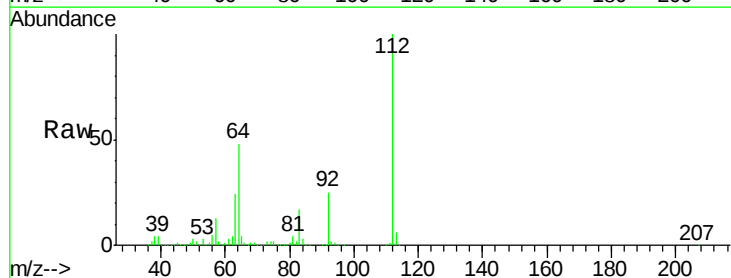
Tgt Ion:152 Resp: 74473
Ion Ratio Lower Upper
152 100
150 160.0 124.6 186.8
115 70.4 46.6 70.0#

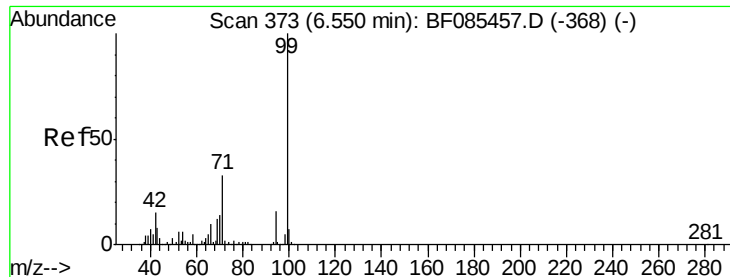


#5

2-Fluorophenol
Concen: 204.34 ng
RT: 5.48 min Scan# 279
Delta R.T. -0.03 min
Lab File: BF085507.D
Acq: 17 Mar 2016 22:44

Tgt Ion:112 Resp: 885297
Ion Ratio Lower Upper
112 100
64 48.1 49.0 73.4#
63 24.2 24.8 37.2#





#7

Phenol-d6

Concen: 200.36 ng

RT: 6.50 min Scan# 369

Delta R.T. -0.05 min

Lab File: BF085507.D

Acq: 17 Mar 2016 22:44

Instrument :

BNA_F

ClientSampleId :

GRID-8B-(10-20)RE

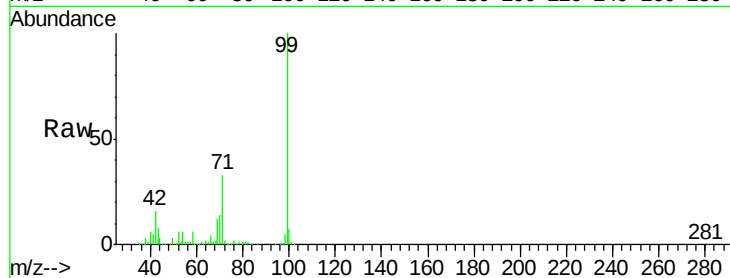
Tgt Ion: 99 Resp: 1126005

Ion Ratio Lower Upper

99 100

42 15.6 13.6 20.4

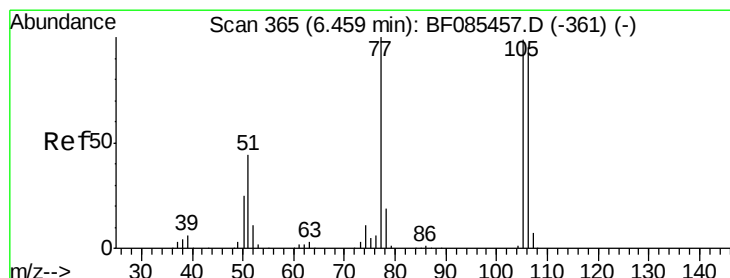
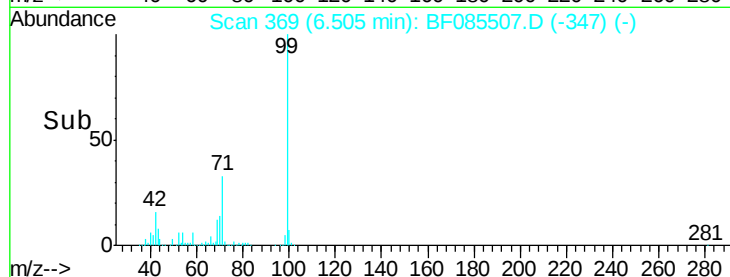
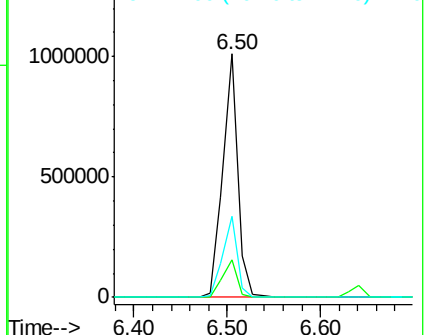
71 33.4 26.7 40.1



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 6.52 ng

RT: 6.64 min Scan# 381

Delta R.T. 0.18 min

Lab File: BF085507.D

Acq: 17 Mar 2016 22:44

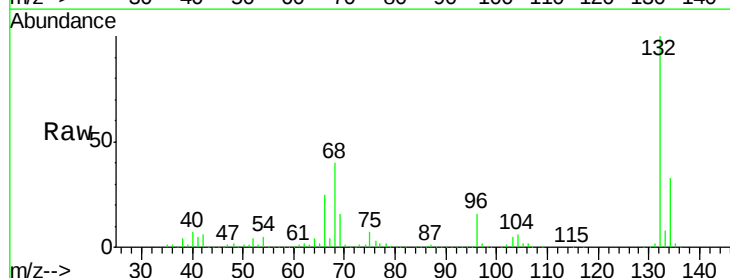
Tgt Ion: 77 Resp: 20444

Ion Ratio Lower Upper

77 100

105 81.6 78.2 118.2

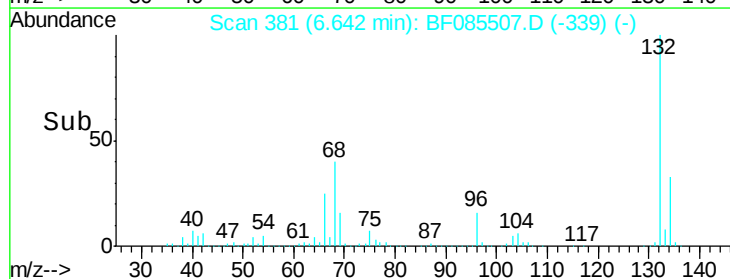
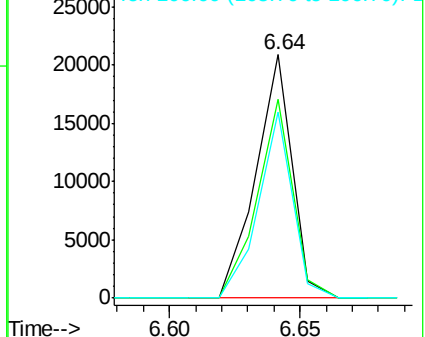
106 76.4 72.9 112.9

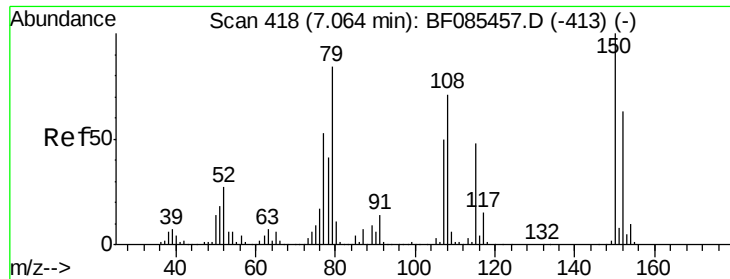


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#15

Benzyl Alcohol

Concen: 2.67 ng

RT: 7.03 min Scan# 415

Delta R.T. -0.03 min

Lab File: BF085507.D

Acq: 17 Mar 2016 22:44

Instrument :

BNA_F

ClientSampleId :

GRID-8B-(10-20)RE

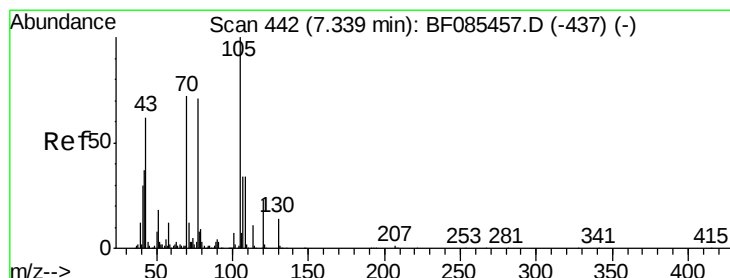
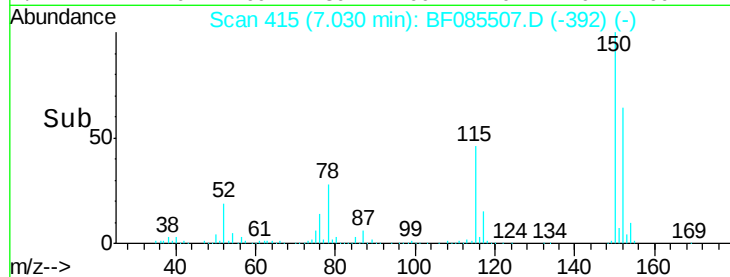
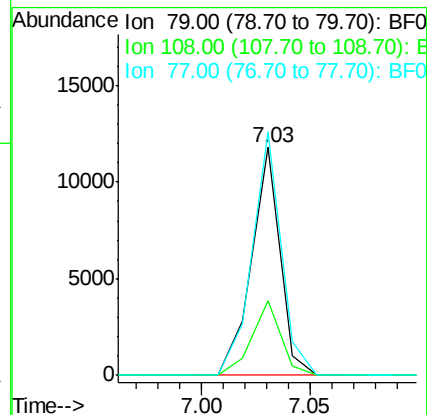
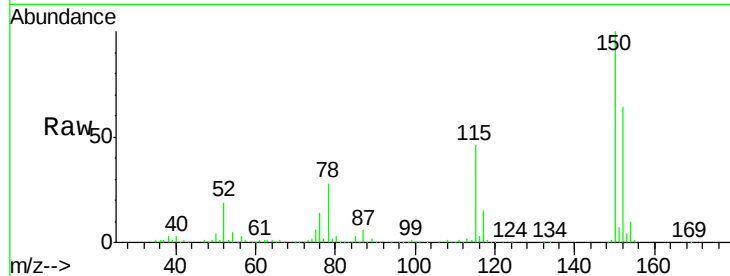
Tgt Ion: 79 Resp: 10698

Ion Ratio Lower Upper

79 100

108 32.9 62.9 94.3#

77 106.8 49.5 74.3#



#19

n-Nitroso-di-n-propylamine

Concen: 33.15 ng

RT: 7.44 min Scan# 451

Delta R.T. 0.10 min

Lab File: BF085507.D

Acq: 17 Mar 2016 22:44

Tgt Ion: 70 Resp: 111553

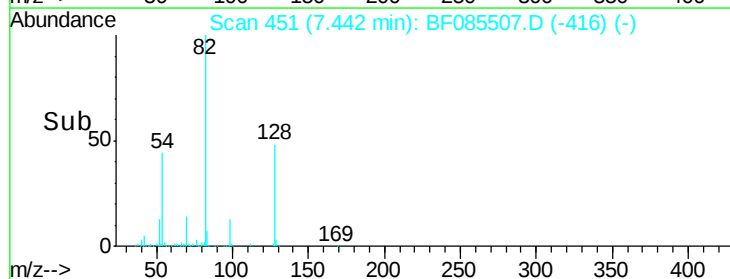
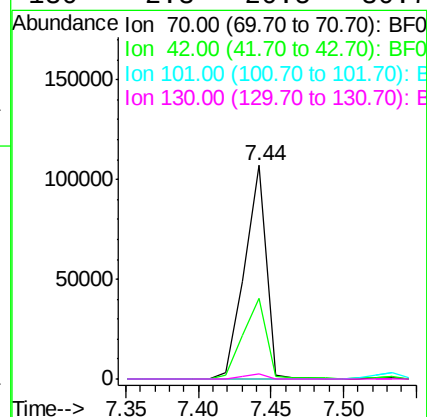
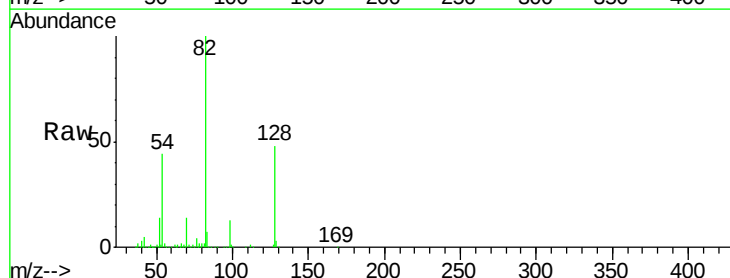
Ion Ratio Lower Upper

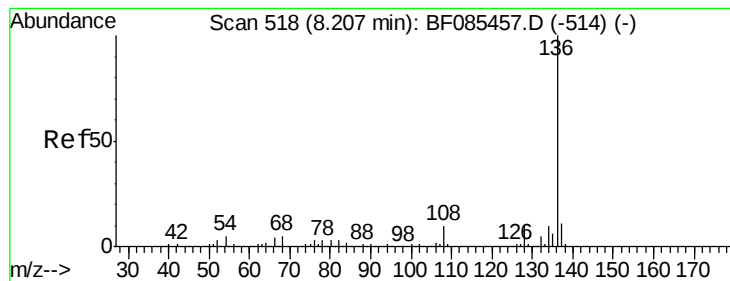
70 100

42 37.9 37.7 56.5

101 0.0 8.2 12.4#

130 2.3 20.5 30.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 514

Delta R.T. -0.05 min

Lab File: BF085507.D

Acq: 17 Mar 2016 22:44

Instrument :

BNA_F

ClientSampleId :

GRID-8B-(10-20)RE

Tgt Ion:136 Resp: 311123

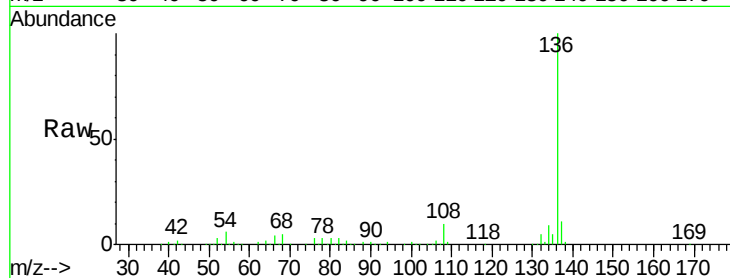
Ion Ratio Lower Upper

136 100

137 10.7 9.3 13.9

54 5.5 7.4 11.2#

68 5.0 6.0 9.0#

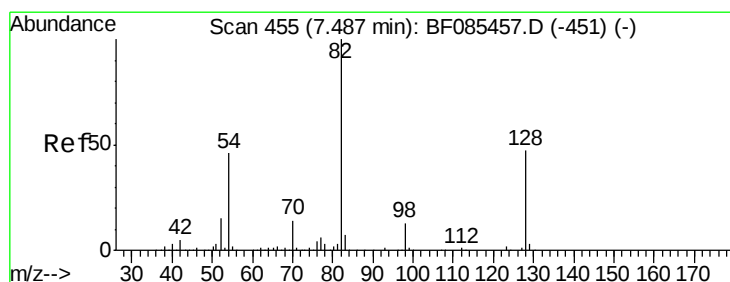
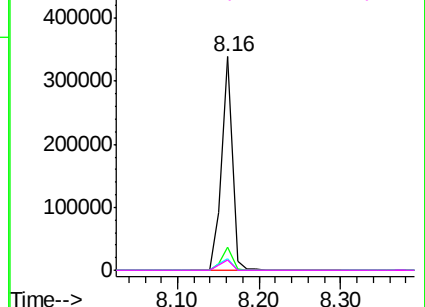
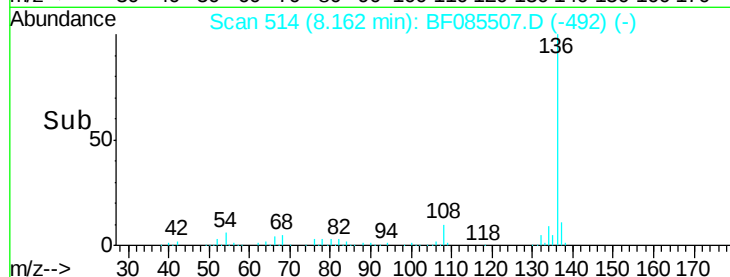


Abundance Ion 136.00 (135.70 to 136.70): E

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: 155.90 ng

RT: 7.44 min Scan# 451

Delta R.T. -0.05 min

Lab File: BF085507.D

Acq: 17 Mar 2016 22:44

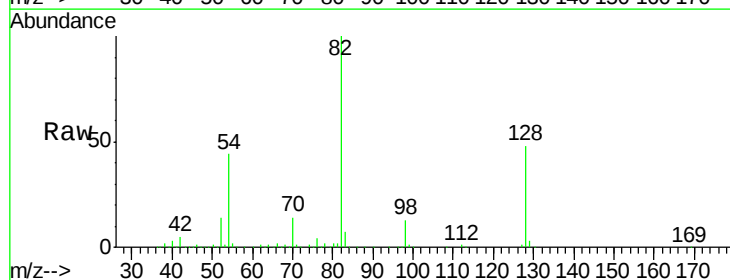
Tgt Ion: 82 Resp: 820336

Ion Ratio Lower Upper

82 100

128 47.9 34.5 51.7

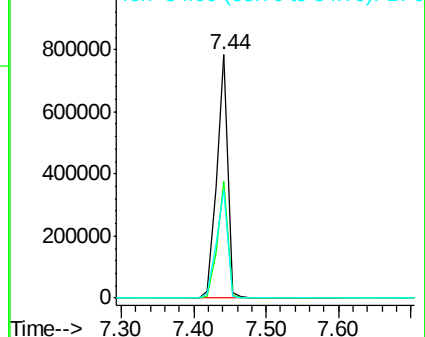
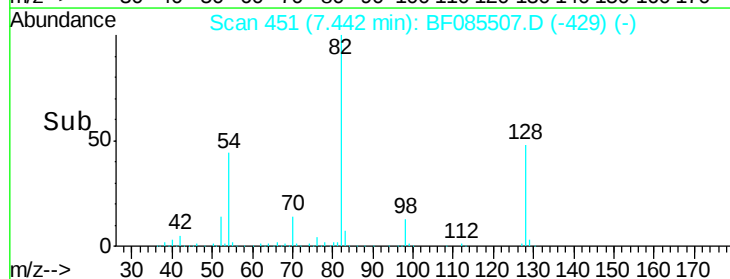
54 44.1 39.3 58.9

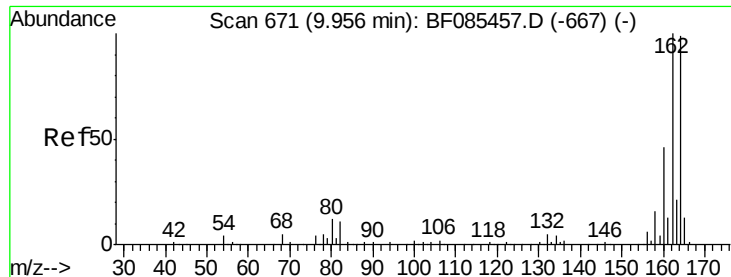


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.91 min Scan# 667

Delta R.T. -0.05 min

Lab File: BF085507.D

Acq: 17 Mar 2016 22:44

Instrument :

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ClientSampleId :

GRID-8B-(10-20)RE

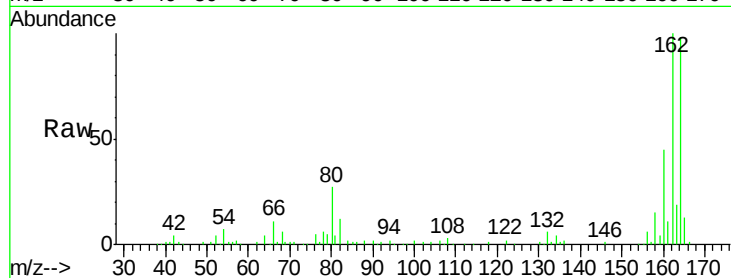
Tgt Ion:164 Resp: 128816

Ion Ratio Lower Upper

164 100

162 101.8 83.3 124.9

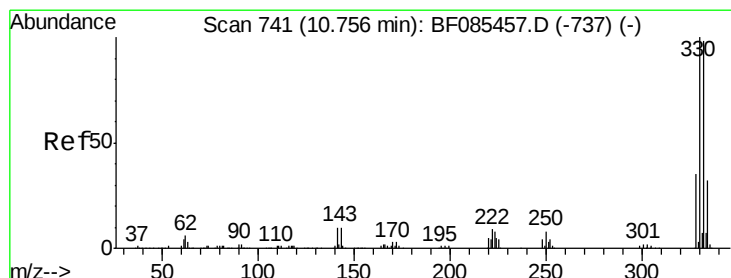
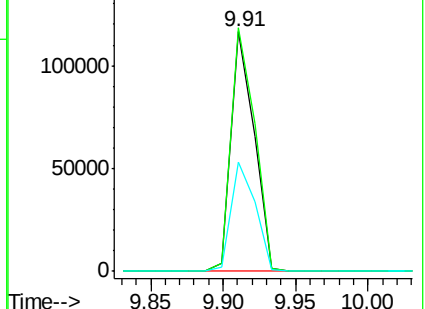
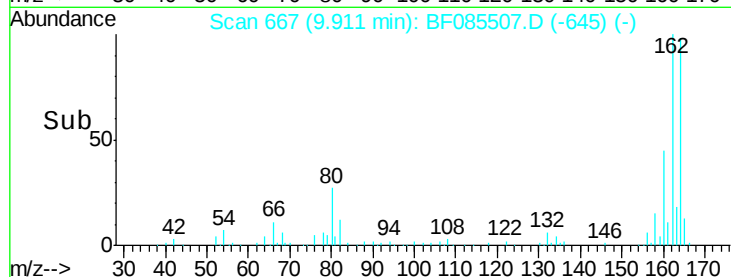
160 45.8 37.9 56.9



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: 344.55 ng

RT: 10.71 min Scan# 737

Delta R.T. -0.05 min

Lab File: BF085507.D

Acq: 17 Mar 2016 22:44

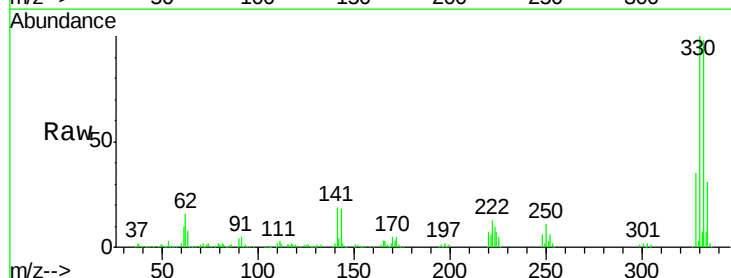
Tgt Ion:330 Resp: 408800

Ion Ratio Lower Upper

330 100

332 97.2 77.1 115.7

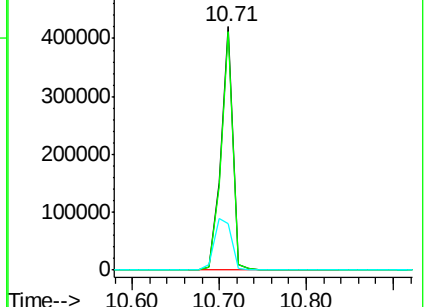
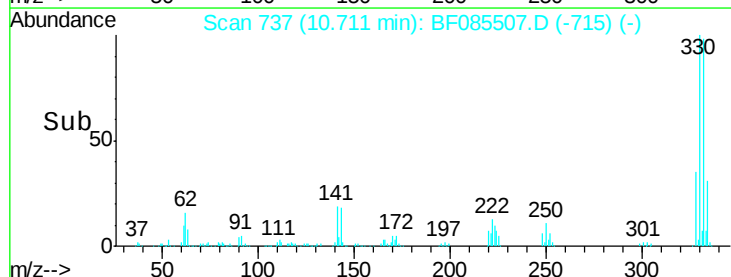
141 31.3 35.0 52.6#

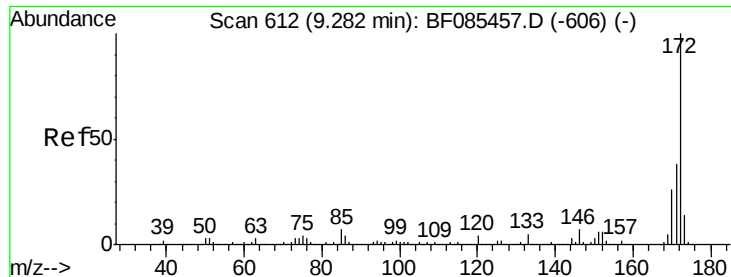


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

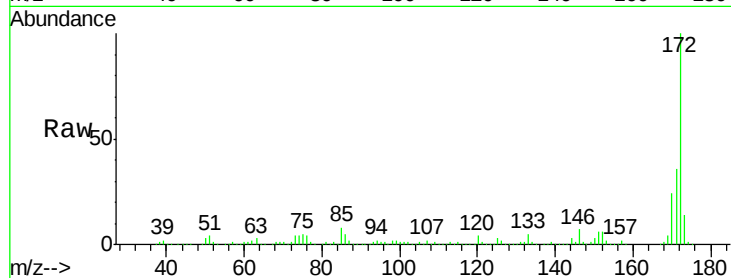




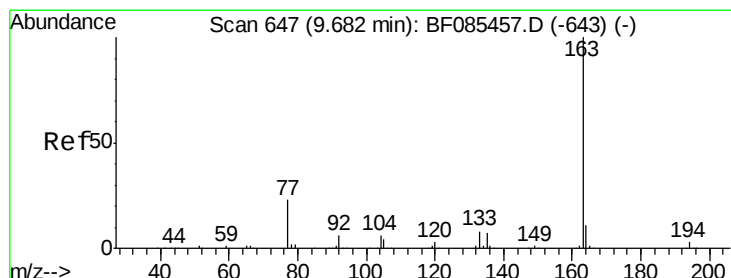
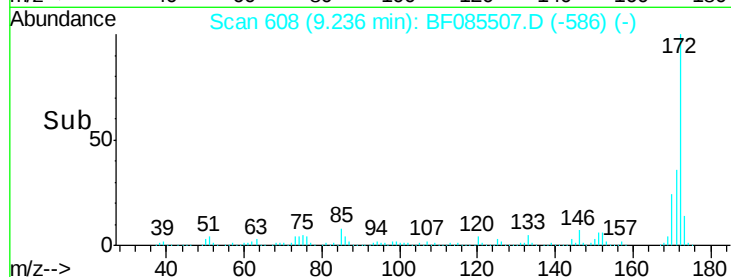
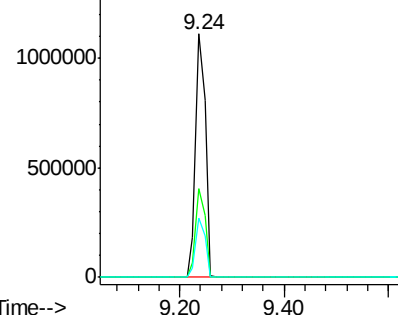
#44
2-Fluorobiphenyl
Concen: 197.34 ng
RT: 9.24 min Scan# 608
Delta R.T. -0.05 min
Lab File: BF085507.D
Acq: 17 Mar 2016 22:44

Instrument :
BNA_F
ClientSampleId :
GRID-8B-(10-20)RE

Tgt Ion:172 Resp: 1465324
Ion Ratio Lower Upper
172 100
171 36.3 29.3 43.9
170 24.4 20.0 30.0

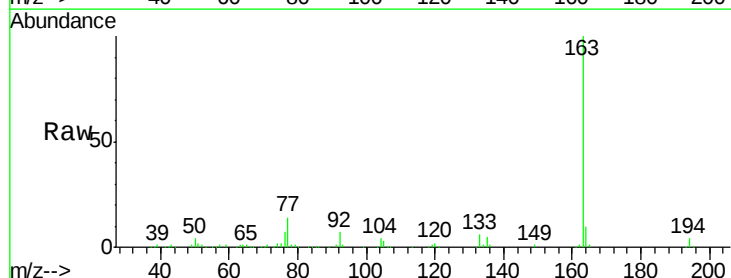


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

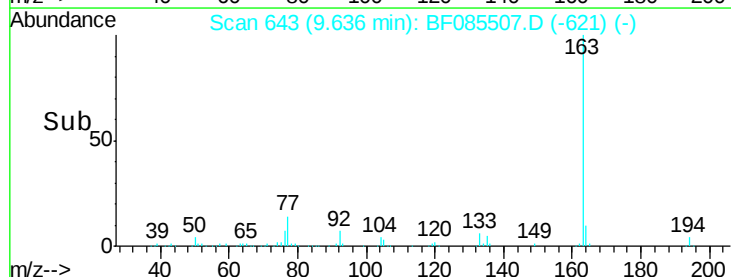
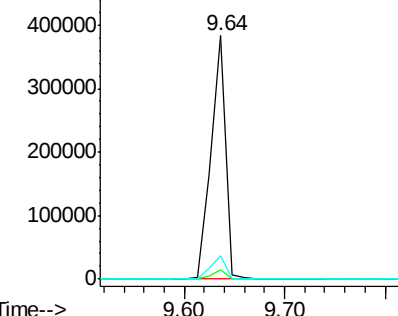


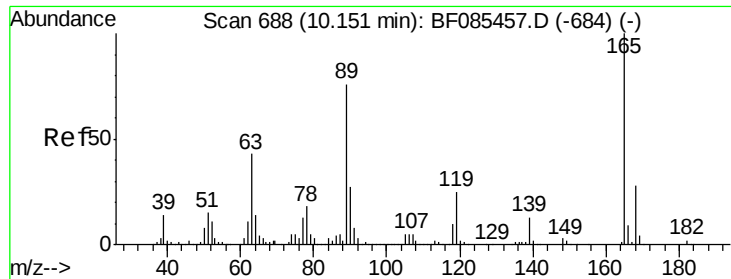
#49
Dimethylphthalate
Concen: 41.01 ng
RT: 9.64 min Scan# 643
Delta R.T. -0.05 min
Lab File: BF085507.D
Acq: 17 Mar 2016 22:44

Tgt Ion:163 Resp: 385430
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.8 8.2 12.4



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

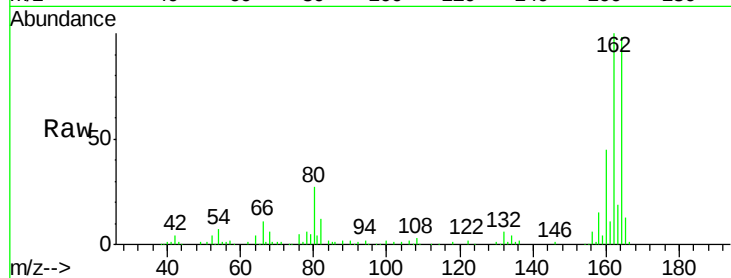




#56
2,4-Dinitrotoluene
Concen: 6.40 ng
RT: 9.91 min Scan# 667
Delta R.T. -0.24 min
Lab File: BF085507.D
Acq: 17 Mar 2016 22:44

Instrument :
BNA_F
ClientSampleId :
GRID-8B-(10-20)RE

Tgt Ion:	165	Resp:	16668
Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.4	53.0#
89	0.0	61.9	92.9#
182	0.0	1.9	2.9#

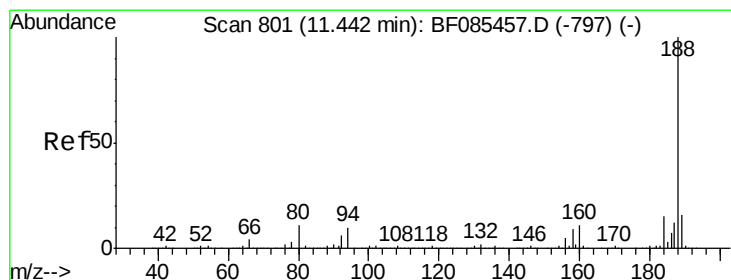
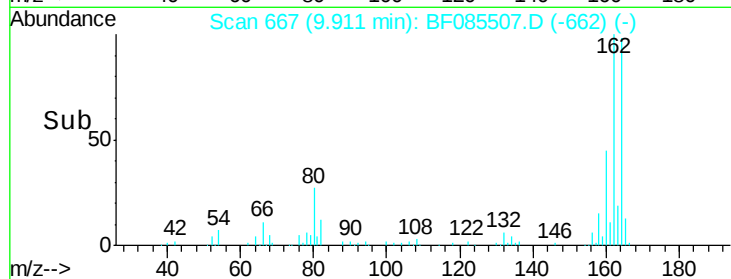
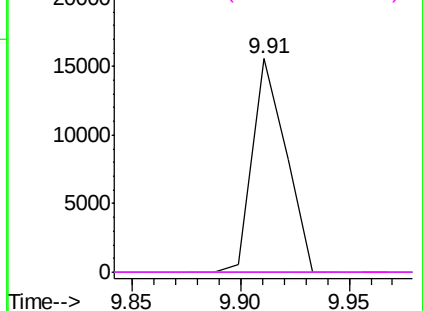


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

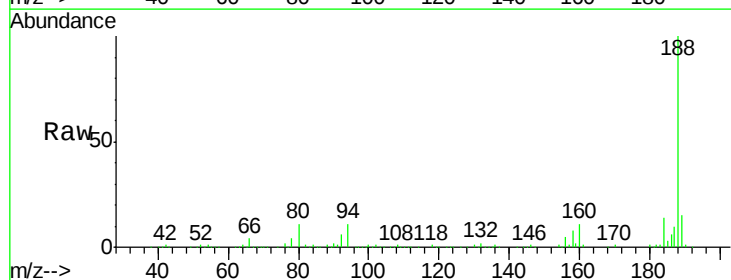
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 797
Delta R.T. -0.05 min
Lab File: BF085507.D
Acq: 17 Mar 2016 22:44

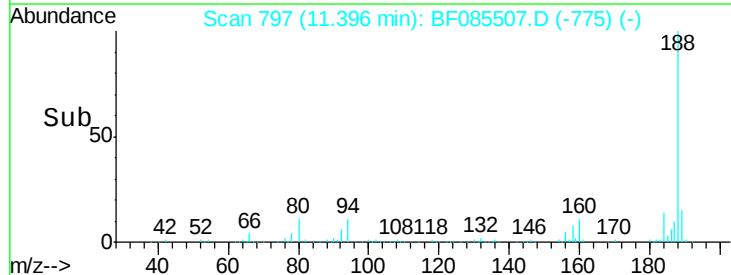
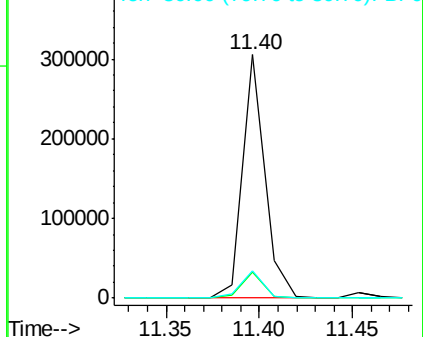
Tgt Ion:	188	Resp:	256652
Ion	Ratio	Lower	Upper
188	100		
94	10.6	7.0	10.6#
80	11.0	7.4	11.0

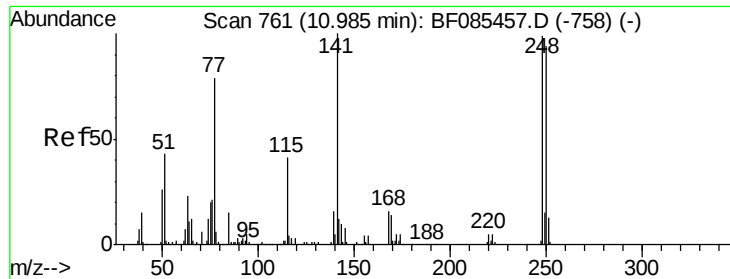


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

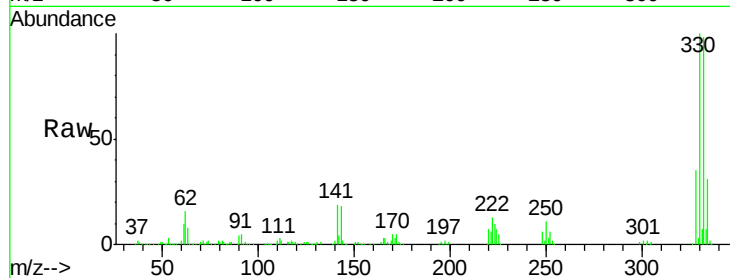




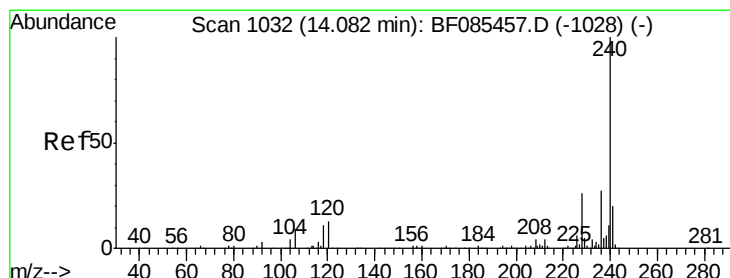
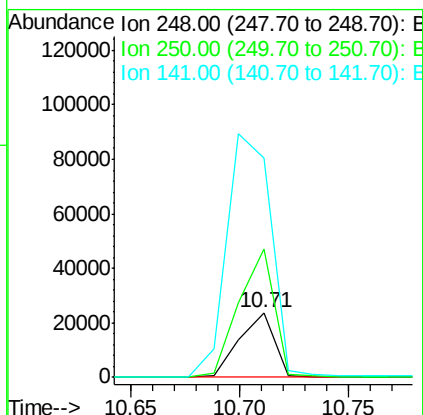
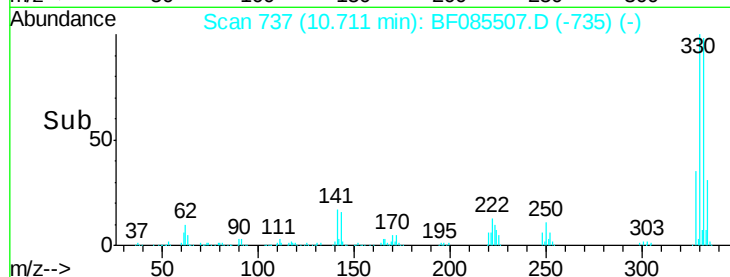
#66
4-Bromophenyl-phenylether
Concen: 10.27 ng
RT: 10.71 min Scan# 737
Delta R.T. -0.27 min
Lab File: BF085507.D
Acq: 17 Mar 2016 22:44

Instrument :
BNA_F
ClientSampleId :
GRID-8B-(10-20)RE

Tgt Ion:248 Resp: 26679
Ion Ratio Lower Upper
248 100
250 199.6 77.1 115.7#
141 339.9 66.2 99.2#

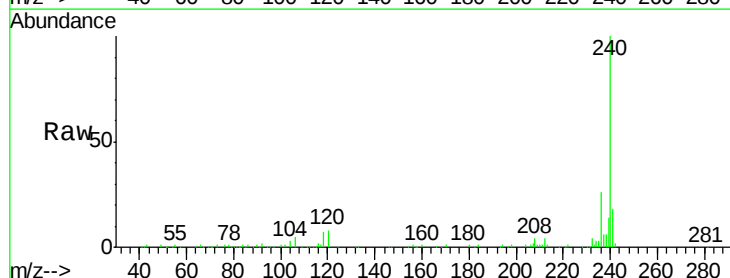


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

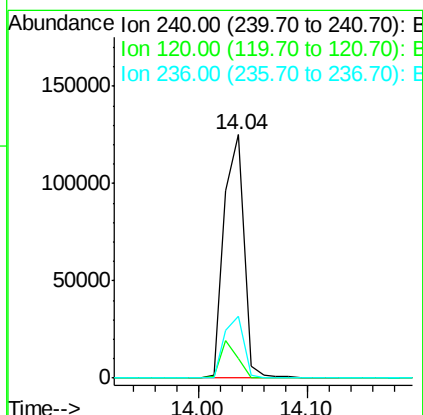
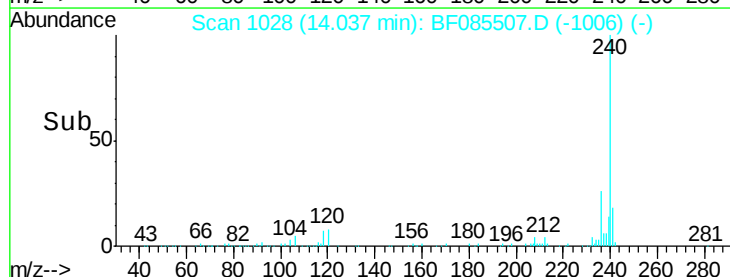


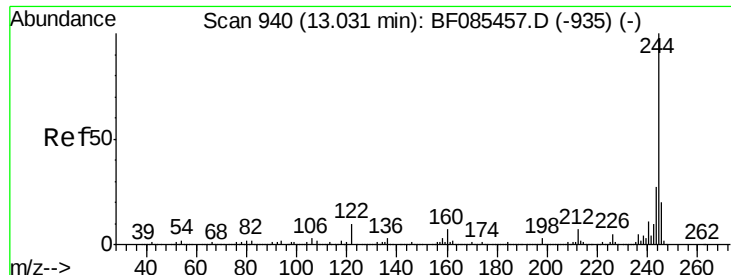
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1028
Delta R.T. -0.05 min
Lab File: BF085507.D
Acq: 17 Mar 2016 22:44

Tgt Ion:240 Resp: 159964
Ion Ratio Lower Upper
240 100
120 7.9 5.3 7.9#
236 25.7 20.7 31.1



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: 196.04 ng

RT: 12.99 min Scan# 936

Delta R.T. -0.05 min

Lab File: BF085507.D

Acq: 17 Mar 2016 22:44

Instrument :

BNA_F

ClientSampleId :

GRID-8B-(10-20)RE

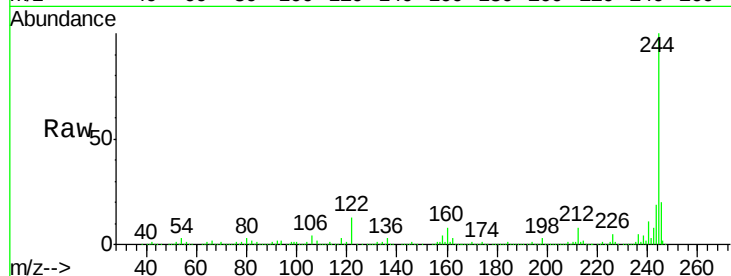
Tgt Ion:244 Resp: 1386226

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

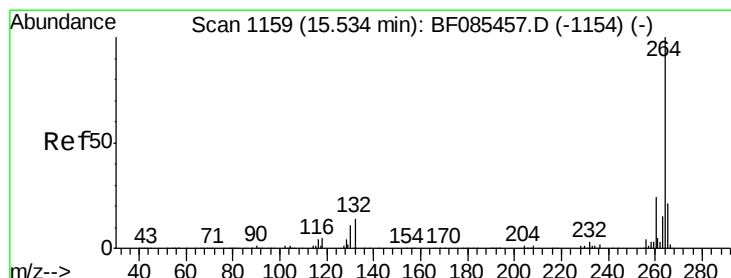
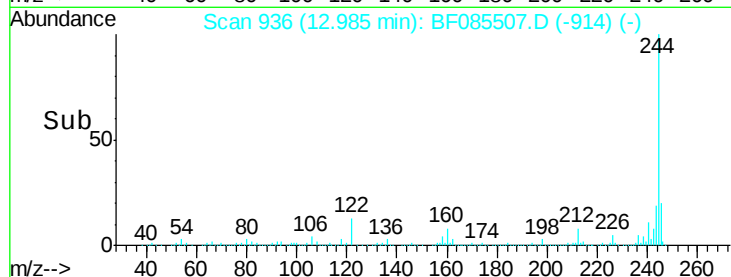
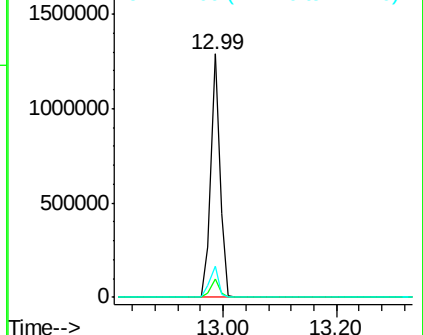
122 12.6 11.4 17.2



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: 15.47 min Scan# 1153

Delta R.T. -0.07 min

Lab File: BF085507.D

Acq: 17 Mar 2016 22:44

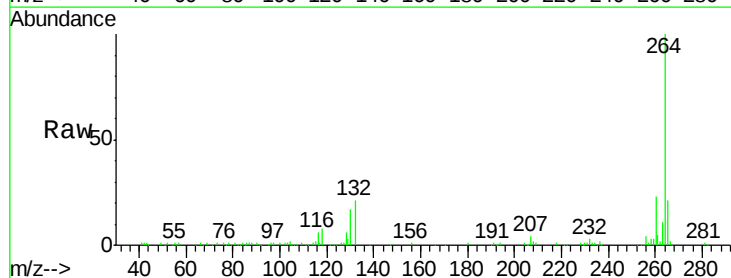
Tgt Ion:264 Resp: 136209

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 20.7 17.3 25.9



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

