

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
 Data File : BF085747.D
 Acq On : 25 Mar 2016 7:32
 Operator : UM/SJ
 Sample : H1885-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-14B

Quant Time: Mar 25 07:10:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 14:15:39 2016
 Response via : Initial Calibration

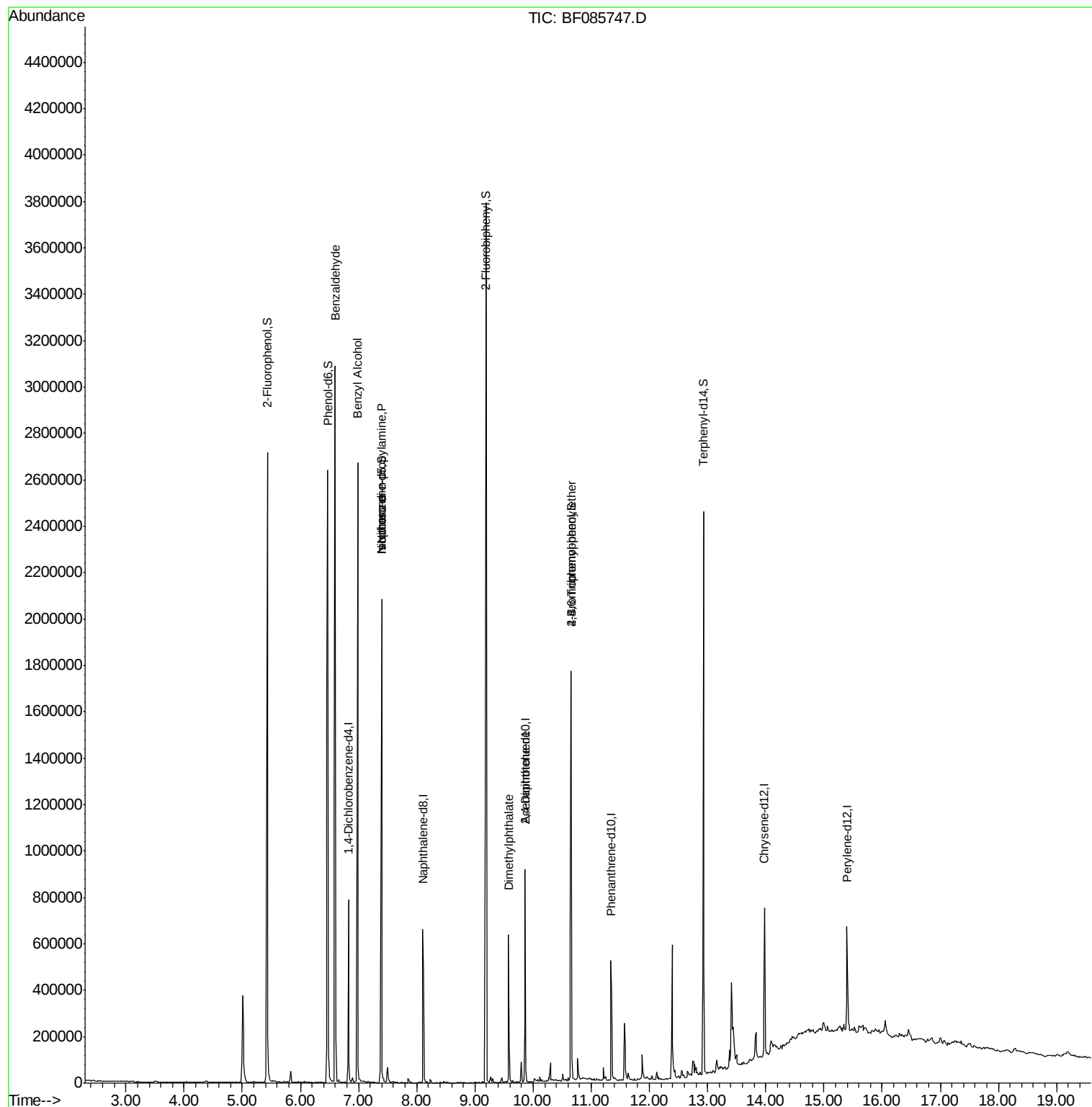
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	111372	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	411383	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	180284	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	256975	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	219966	20.00	ng	0.00
86) Perylene-d12	15.40	264	210945	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	917710	137.23	ng	0.02
7) Phenol-d6	6.47	99	1207321	142.00	ng	0.01
23) Nitrobenzene-d5	7.40	82	811572	111.09	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	217883	127.20	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1172954	108.70	ng	0.00
78) Terphenyl-d14	12.93	244	746272	69.77	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.60	77	20350	3.97	ng	86
15) Benzyl Alcohol	6.98	79	13254	2.34	ng	# 45
19) n-Nitroso-di-n-propylamine	7.40	70	108225	21.26	ng	# 76
25) Isophorone	7.40	82	794387	56.45	ng	# 68
37) 2-Methylnaphthalene	8.82	142	701	Below Cal	#	94
49) Dimethylphthalate	9.58	163	243258	17.78	ng	99
56) 2,4-Dinitrotoluene	9.86	165	23146	6.19	ng	# 37
66) 4-Bromophenyl-phenylether	10.65	248	14567	5.54	ng	# 1

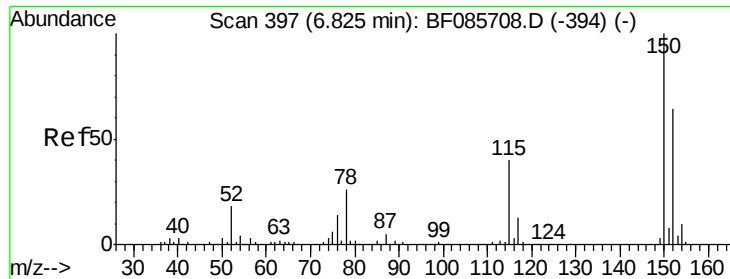
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF085747.D

Acq: 25 Mar 2016 7:32

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-14B

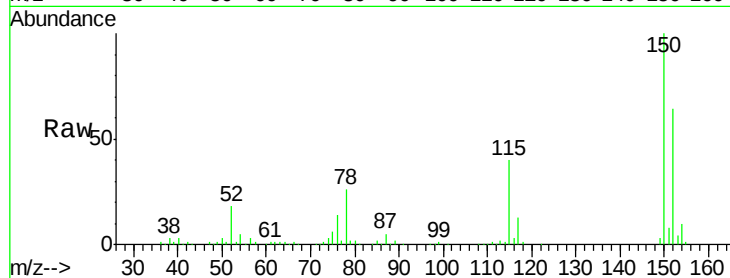
Tgt Ion:152 Resp: 111372

Ion Ratio Lower Upper

152 100

150 157.0 124.2 186.2

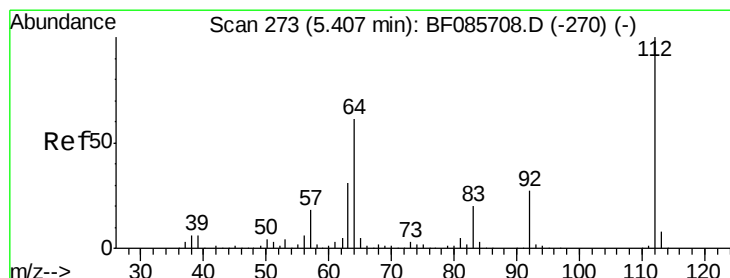
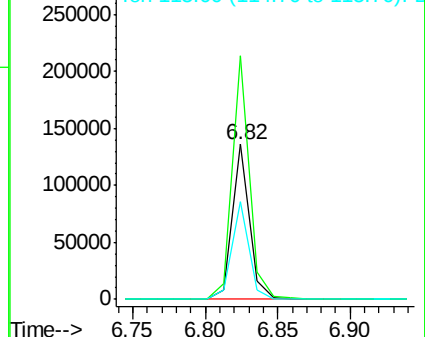
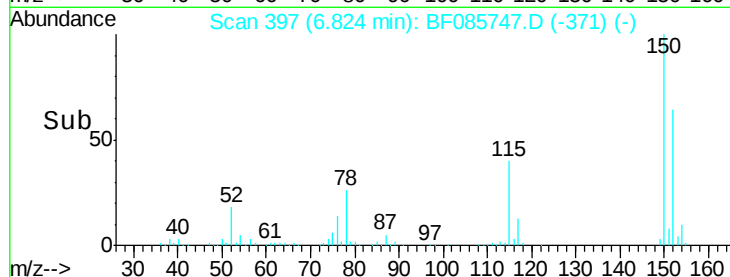
115 62.6 47.0 70.6



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: 137.23 ng

RT: 5.43 min Scan# 275

Delta R.T. 0.02 min

Lab File: BF085747.D

Acq: 25 Mar 2016 7:32

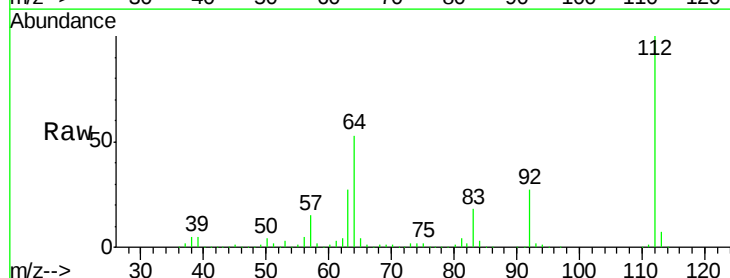
Tgt Ion:112 Resp: 917710

Ion Ratio Lower Upper

112 100

64 53.0 39.9 59.9

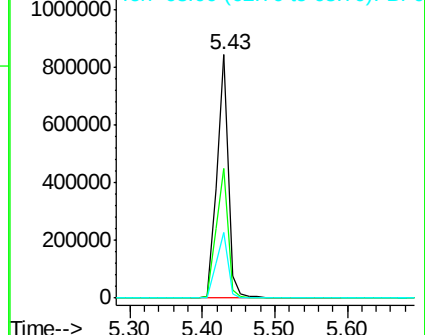
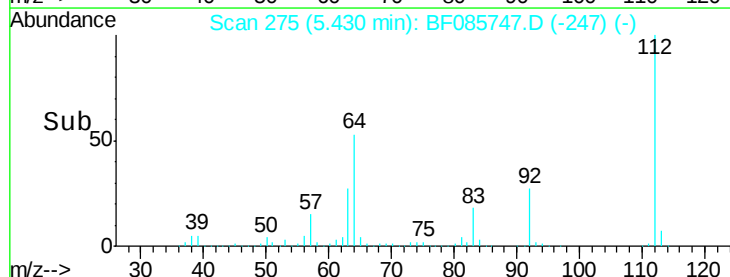
63 27.1 20.2 30.2



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: 142.00 ng

RT: 6.47 min Scan# 366

Delta R.T. 0.01 min

Lab File: BF085747.D

Acq: 25 Mar 2016 7:32

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-14B

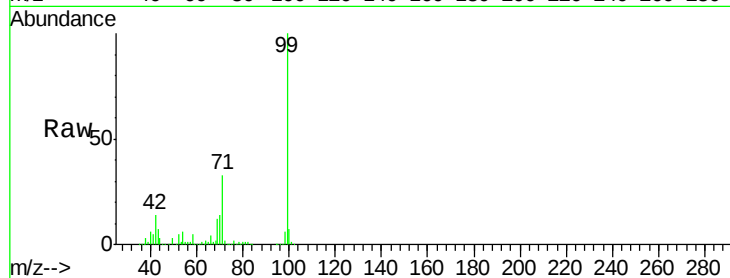
Tgt Ion: 99 Resp: 1207321

Ion Ratio Lower Upper

99 100

42 14.5 11.1 16.7

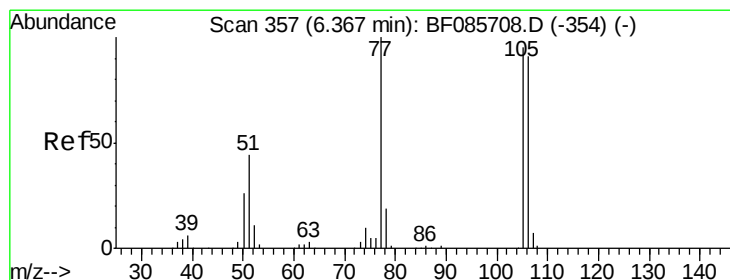
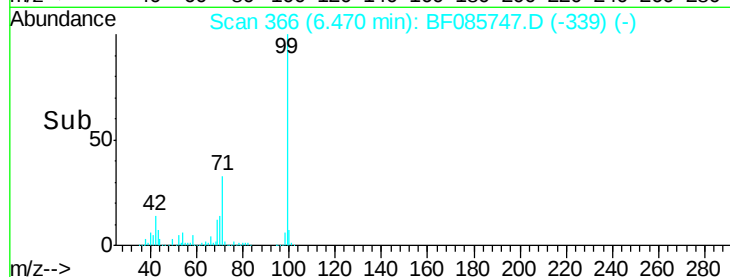
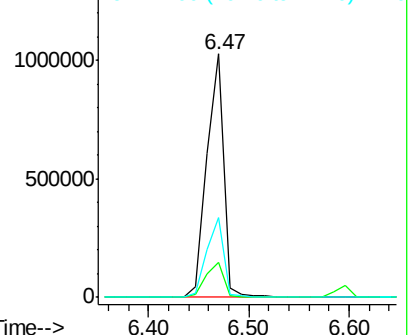
71 32.6 24.9 37.3



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: 3.97 ng

RT: 6.60 min Scan# 377

Delta R.T. 0.23 min

Lab File: BF085747.D

Acq: 25 Mar 2016 7:32

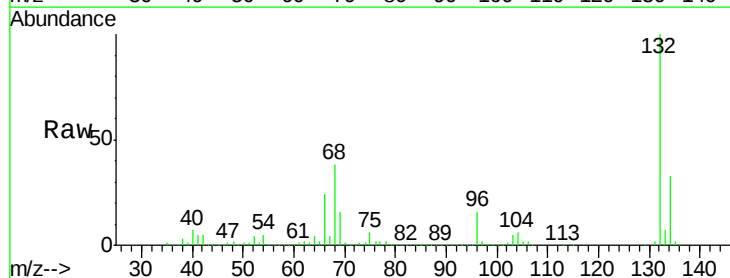
Tgt Ion: 77 Resp: 20350

Ion Ratio Lower Upper

77 100

105 88.1 80.1 120.1

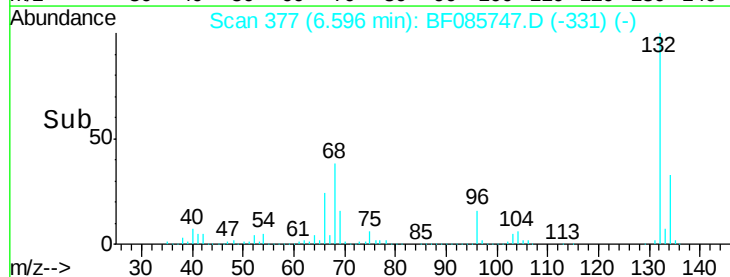
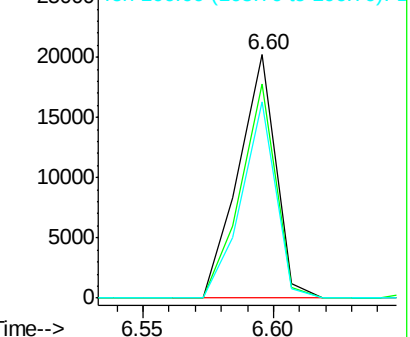
106 80.4 75.0 115.0

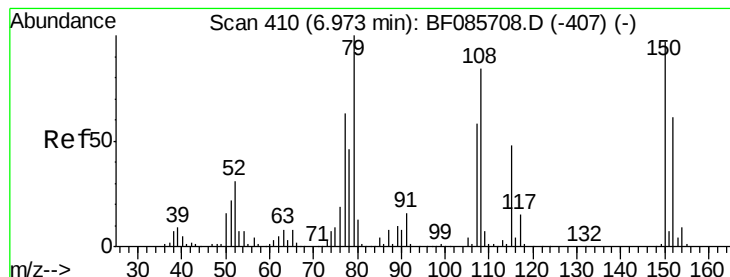


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#15

Benzyl Alcohol

Concen: 2.34 ng

RT: 6.98 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF085747.D

Acq: 25 Mar 2016 7:32

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-14B

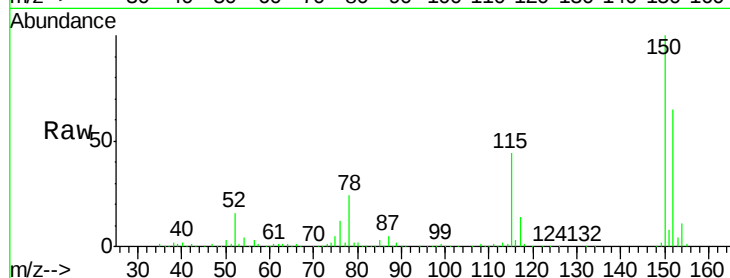
Tgt Ion: 79 Resp: 13254

Ion Ratio Lower Upper

79 100

108 36.1 61.8 92.6#

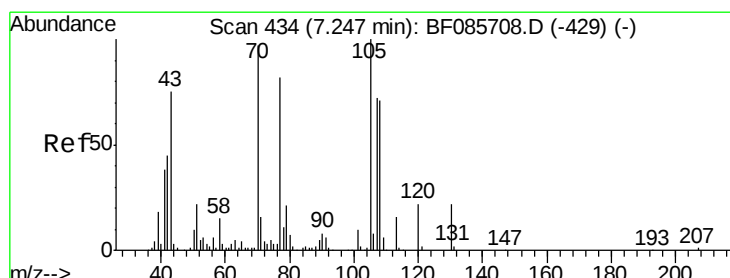
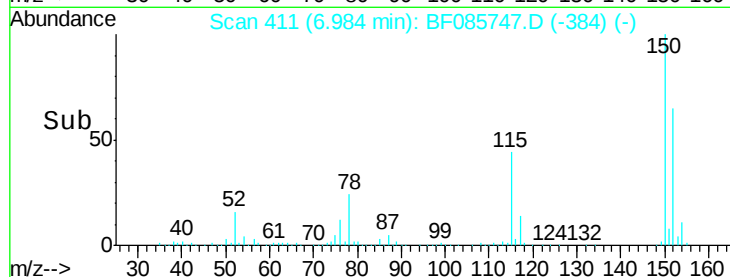
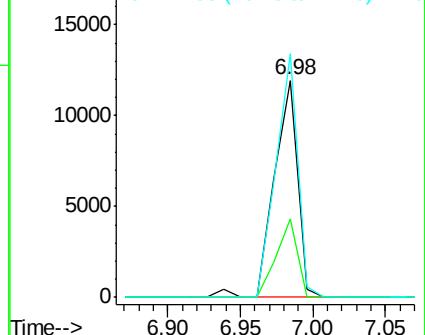
77 112.1 49.6 74.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 21.26 ng

RT: 7.40 min Scan# 447

Delta R.T. 0.15 min

Lab File: BF085747.D

Acq: 25 Mar 2016 7:32

Tgt Ion: 70 Resp: 108225

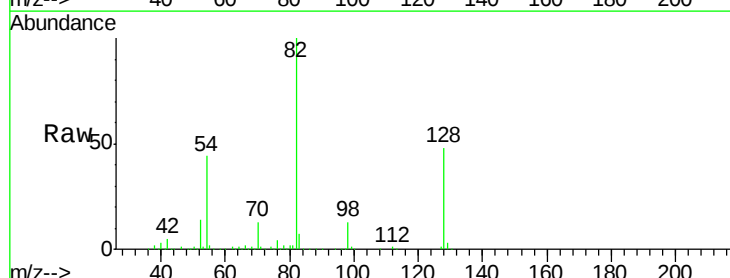
Ion Ratio Lower Upper

70 100

42 38.2 37.1 55.7

101 0.0 8.6 12.8#

130 2.4 19.6 29.4#

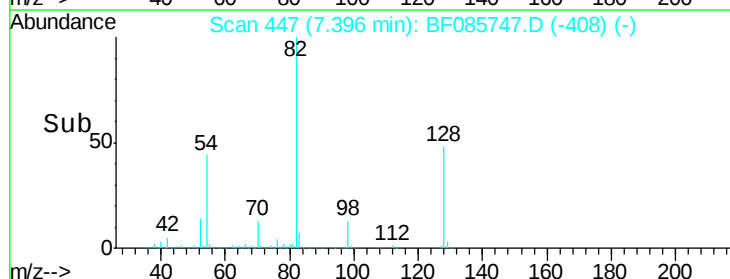
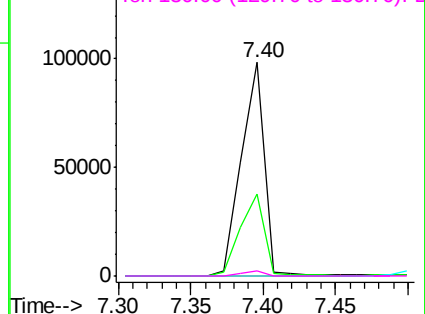


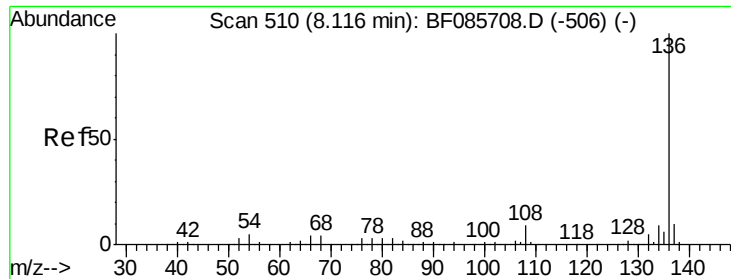
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

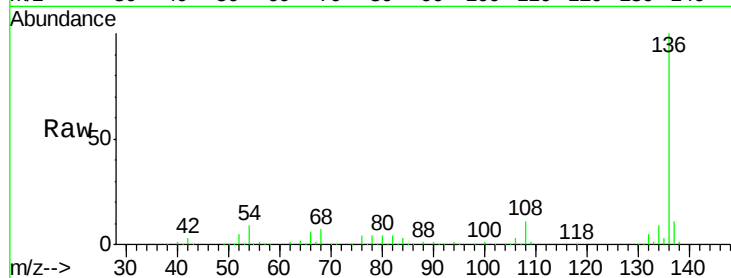




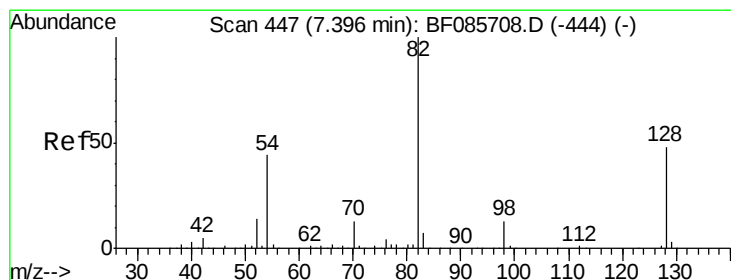
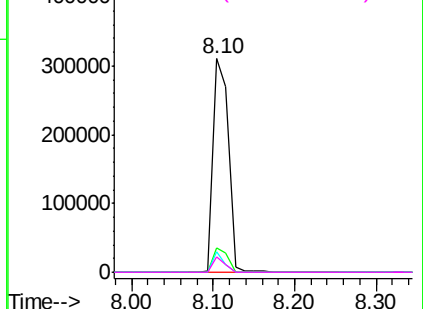
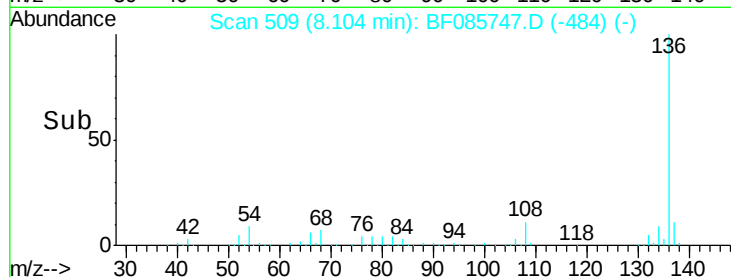
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085747.D
Acq: 25 Mar 2016 7:32

Instrument :
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ClientSampleId :
TRACK-D-GRID-14B

Tgt Ion:	136	Resp:	411383
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	9.3	7.4	11.0
68	7.3	5.8	8.8

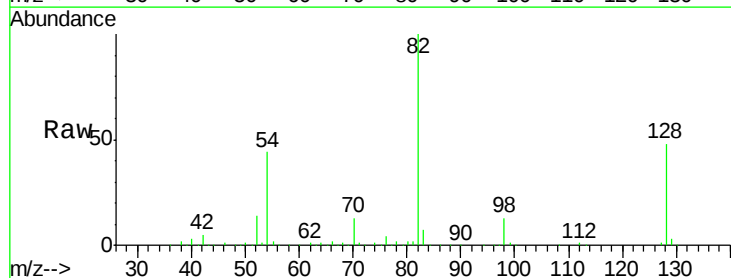


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

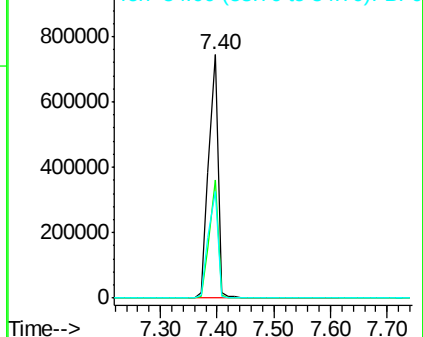
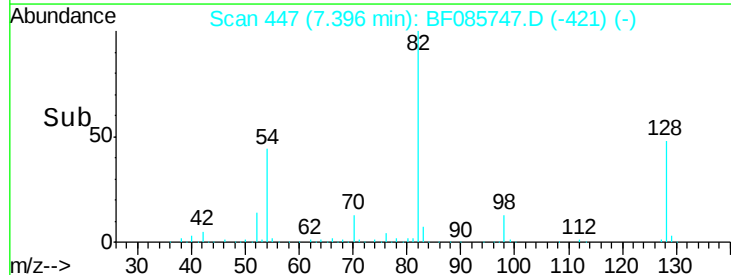


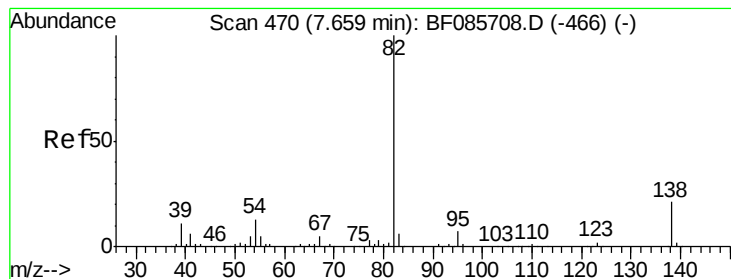
#23
Nitrobenzene-d5
Concen: 111.09 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF085747.D
Acq: 25 Mar 2016 7:32

Tgt Ion:	82	Resp:	811572
Ion	Ratio	Lower	Upper
82	100		
128	48.4	41.8	62.8
54	43.9	33.4	50.0



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 56.45 ng

RT: 7.40 min Scan# 447

Delta R.T. -0.26 min

Lab File: BF085747.D

Acq: 25 Mar 2016 7:32

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-14B

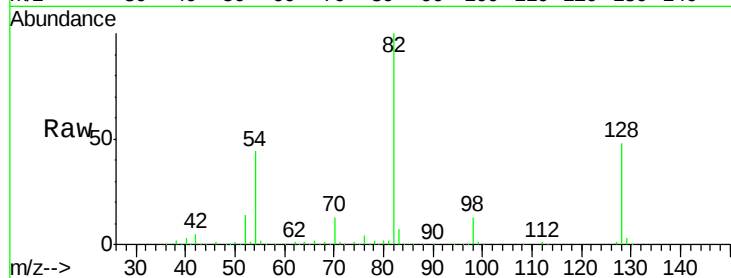
Tgt Ion: 82 Resp: 794387

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

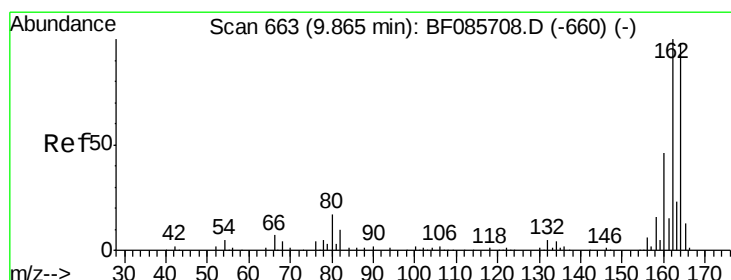
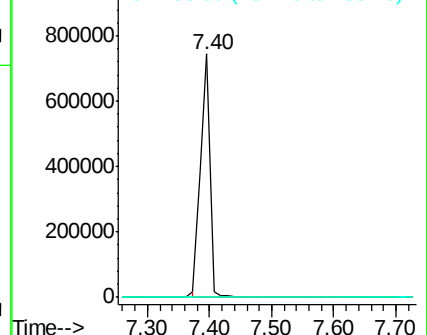
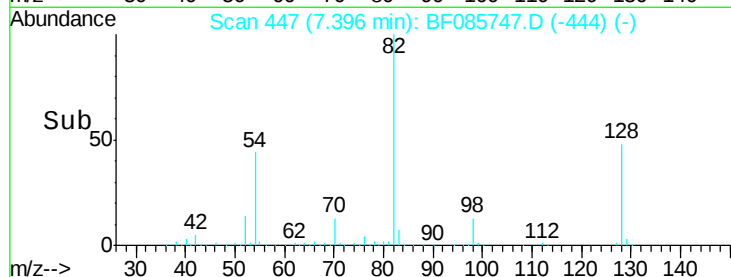
138 0.0 12.9 19.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF085747.D

Acq: 25 Mar 2016 7:32

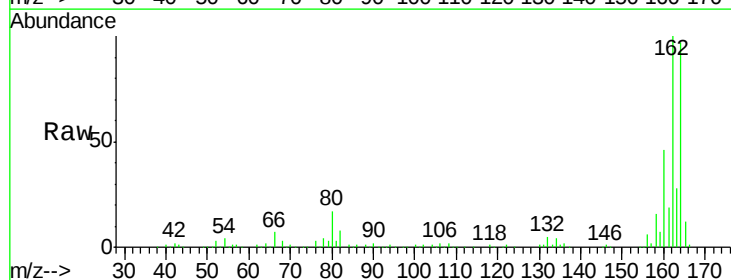
Tgt Ion: 164 Resp: 180284

Ion Ratio Lower Upper

164 100

162 102.6 82.1 123.1

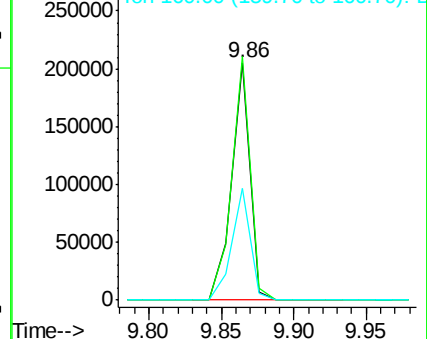
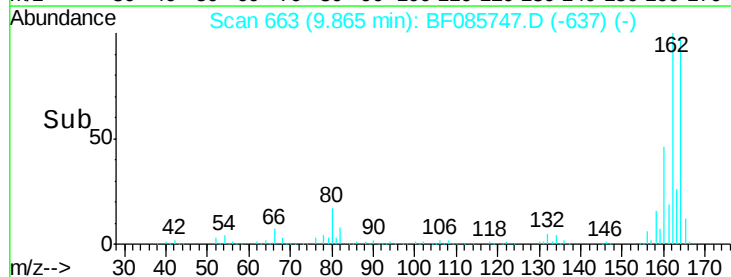
160 47.4 37.4 56.2

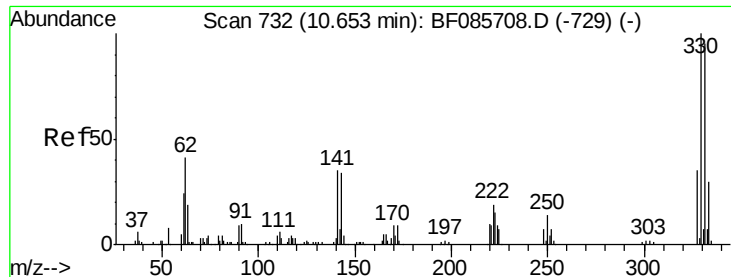


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

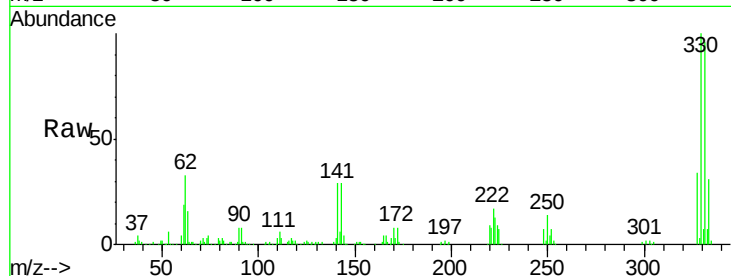




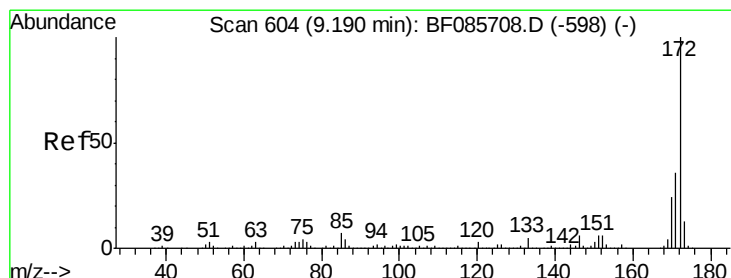
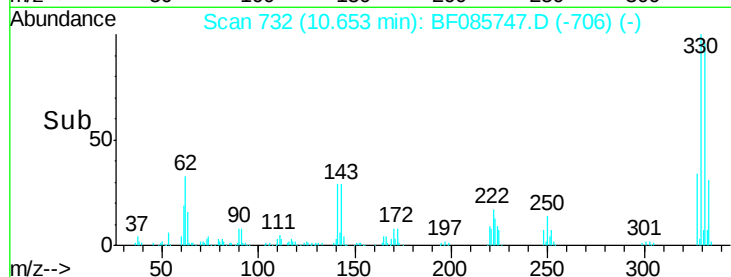
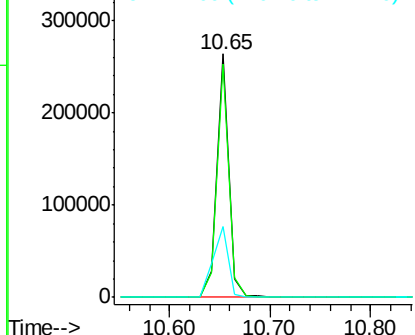
#41
 2,4,6-Tribromophenol
 Concen: 127.20 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085747.D
 Acq: 25 Mar 2016 7:32

Instrument :
 BNA_F
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 TRACK-D-GRID-14B

Tgt Ion:330 Resp: 217883
 Ion Ratio Lower Upper
 330 100
 332 96.3 78.2 117.2
 141 37.8 31.5 47.3

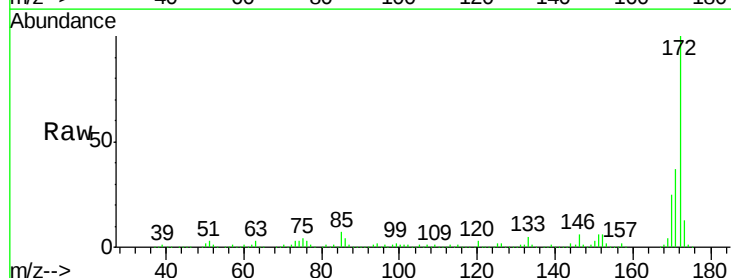


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

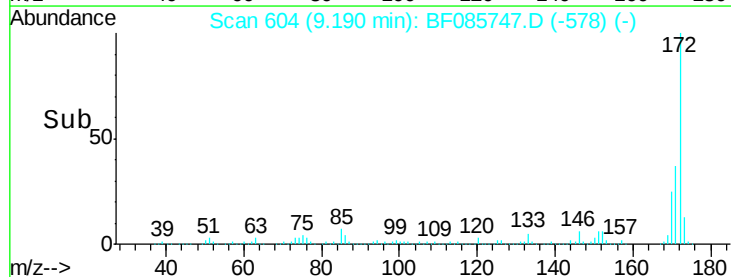
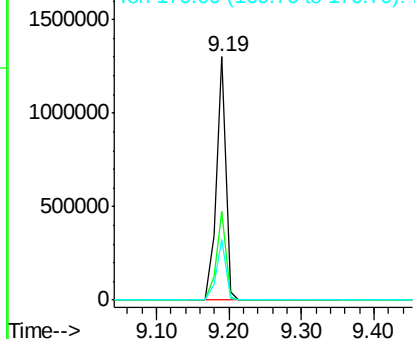


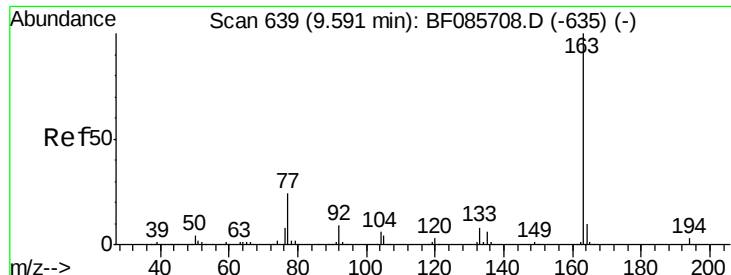
#44
 2-Fluorobiphenyl
 Concen: 108.70 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085747.D
 Acq: 25 Mar 2016 7:32

Tgt Ion:172 Resp: 1172954
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.2
 170 24.6 19.8 29.6



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

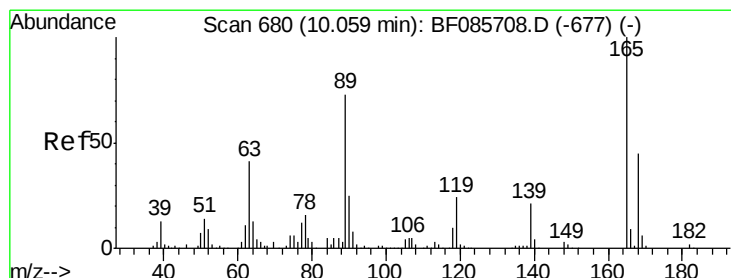
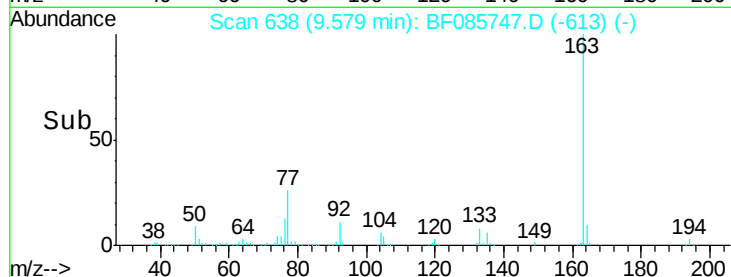
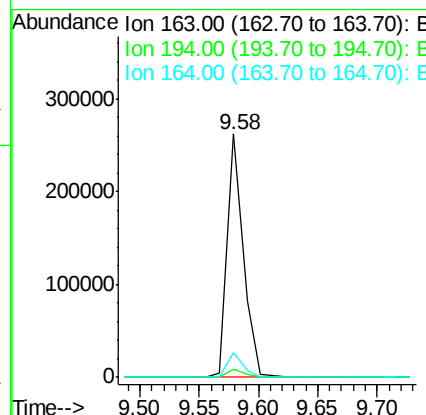
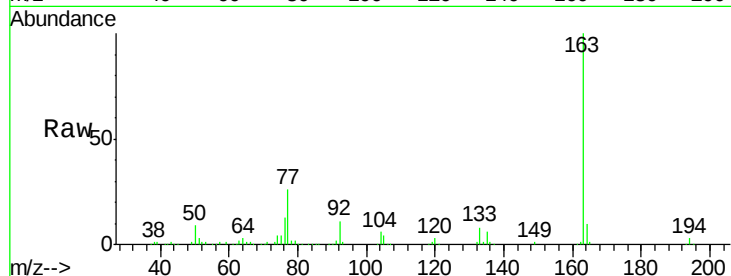




#49
Dimethylphthalate
Concen: 17.78 ng
RT: 9.58 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF085747.D
Acq: 25 Mar 2016 7:32

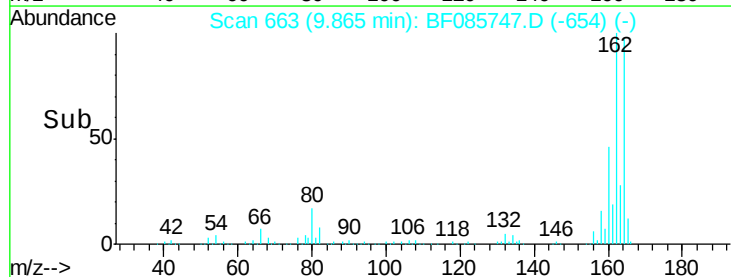
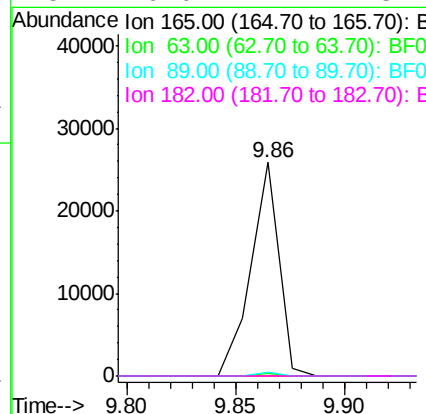
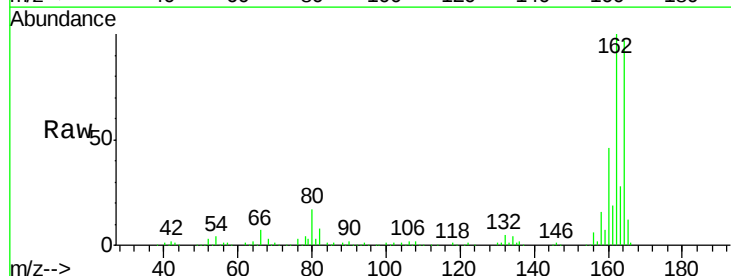
Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-14B

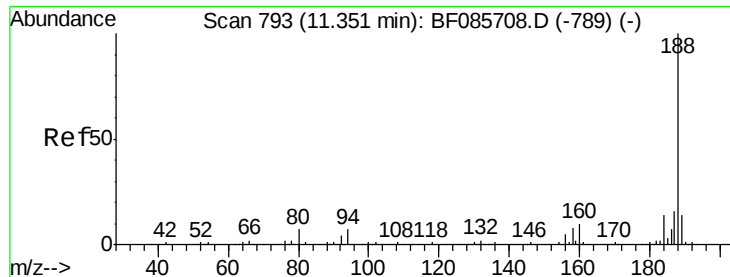
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.9	4.3
164	10.3	8.3	12.5



#56
2,4-Dinitrotoluene
Concen: 6.19 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.19 min
Lab File: BF085747.D
Acq: 25 Mar 2016 7:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	24.9	37.3#
89	1.9	41.0	61.6#
182	0.0	2.1	3.1#

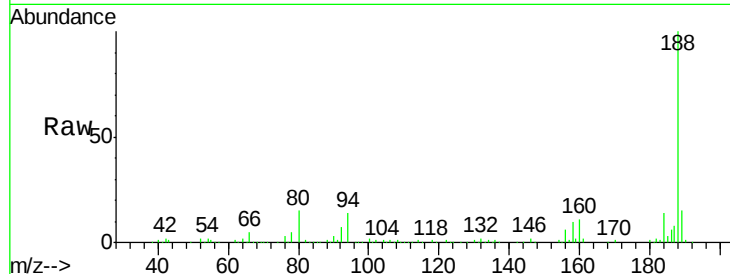




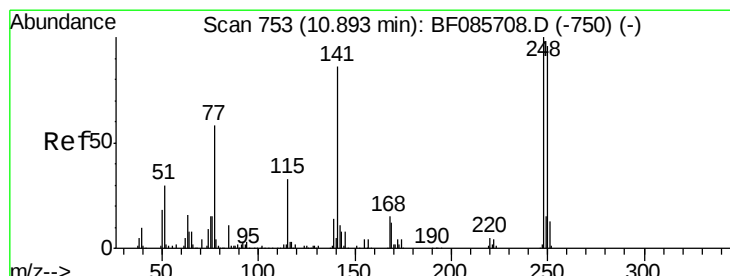
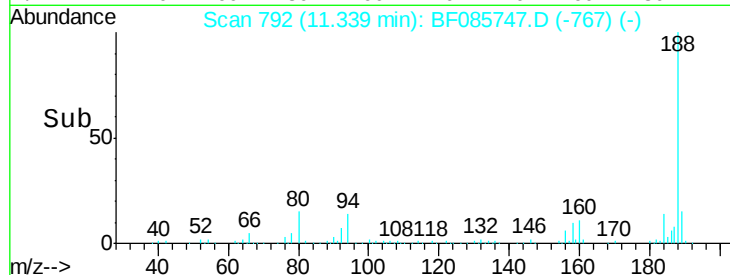
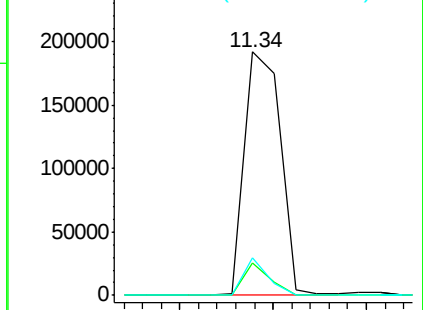
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF085747.D
 Acq: 25 Mar 2016 7:32

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-14B

Tgt Ion:188 Resp: 256975
 Ion Ratio Lower Upper
 188 100
 94 13.5 5.4 8.0#
 80 15.5 5.5 8.3#

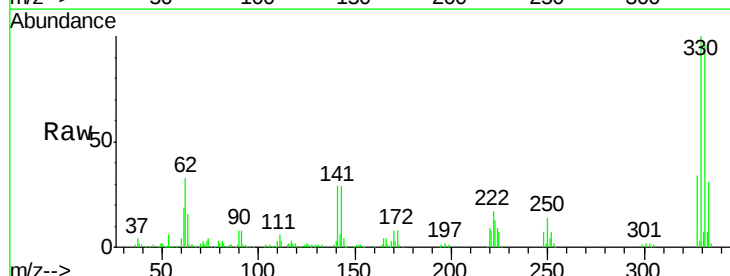


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

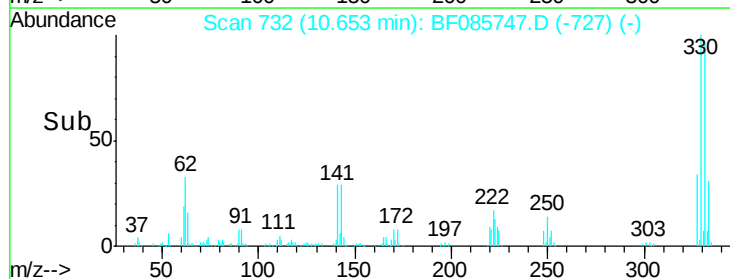
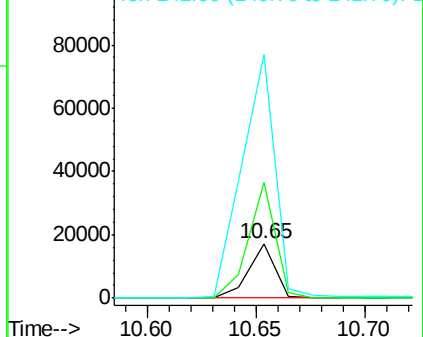


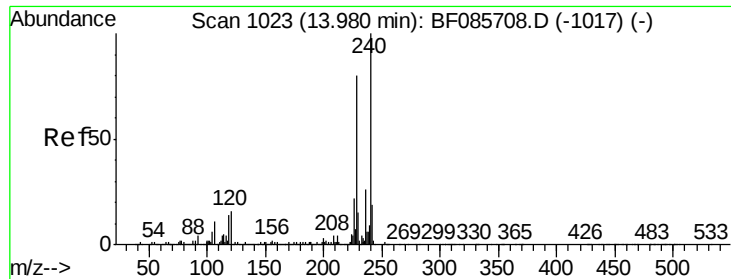
#66
 4-Bromophenyl-phenylether
 Concen: 5.54 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.24 min
 Lab File: BF085747.D
 Acq: 25 Mar 2016 7:32

Tgt Ion:248 Resp: 14567
 Ion Ratio Lower Upper
 248 100
 250 211.8 77.4 116.0#
 141 448.0 63.6 95.4#



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# 1023

Delta R.T. -0.00 min

Lab File: BF085747.D

Acq: 25 Mar 2016 7:32

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-14B

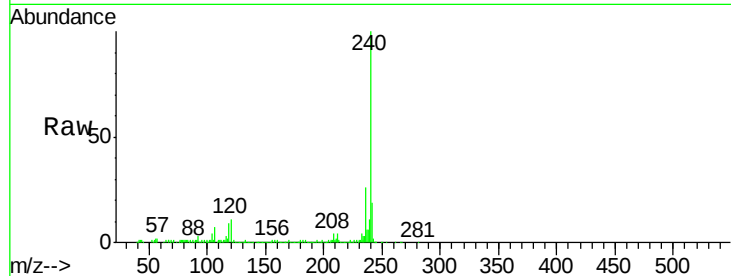
Tgt Ion:240 Resp: 219966

Ion Ratio Lower Upper

240 100

120 10.8 13.8 20.8#

236 26.2 20.6 30.8

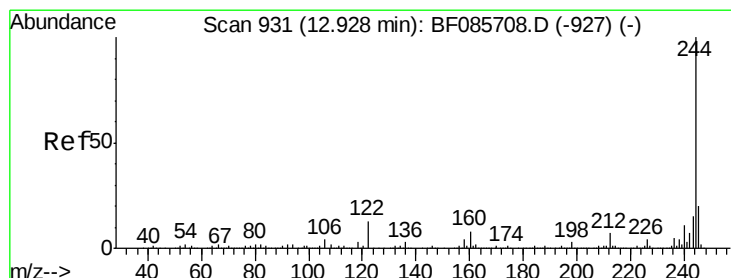
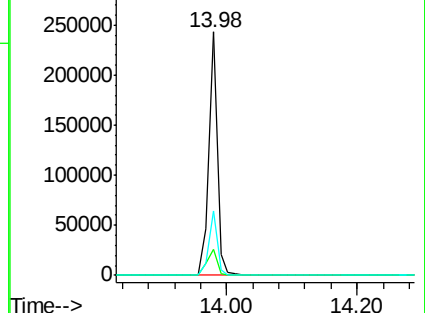
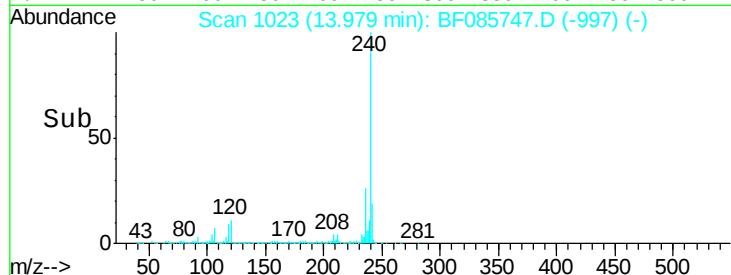


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.98



#78

Terphenyl-d14

Concen: 69.77 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF085747.D

Acq: 25 Mar 2016 7:32

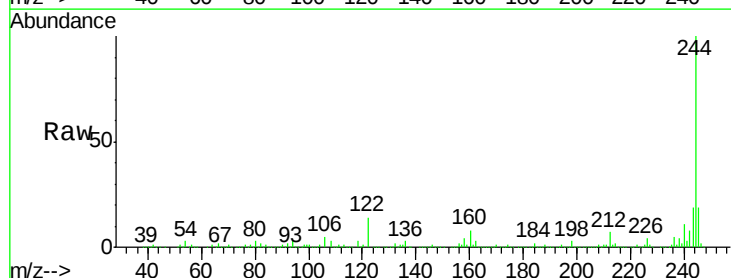
Tgt Ion:244 Resp: 746272

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

122 13.6 10.2 15.4

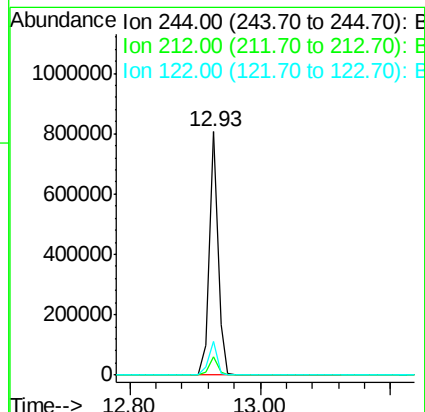
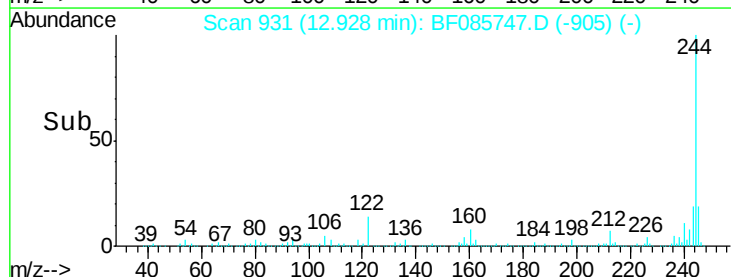


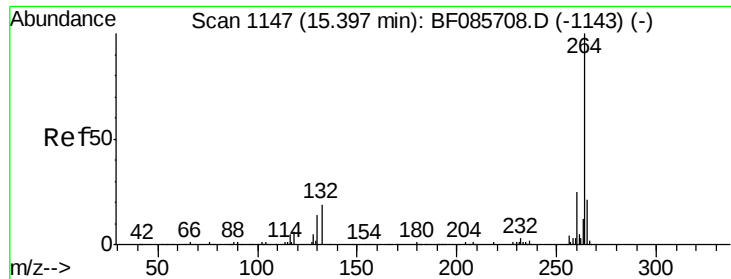
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.93





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF085747.D
Acq: 25 Mar 2016 7:32

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-14B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.9	17.2	25.8

