

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085797.D
 Acq On : 28 Mar 2016 13:07
 Operator : UM/SJ
 Sample : H1885-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Mar 29 03:31:32 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

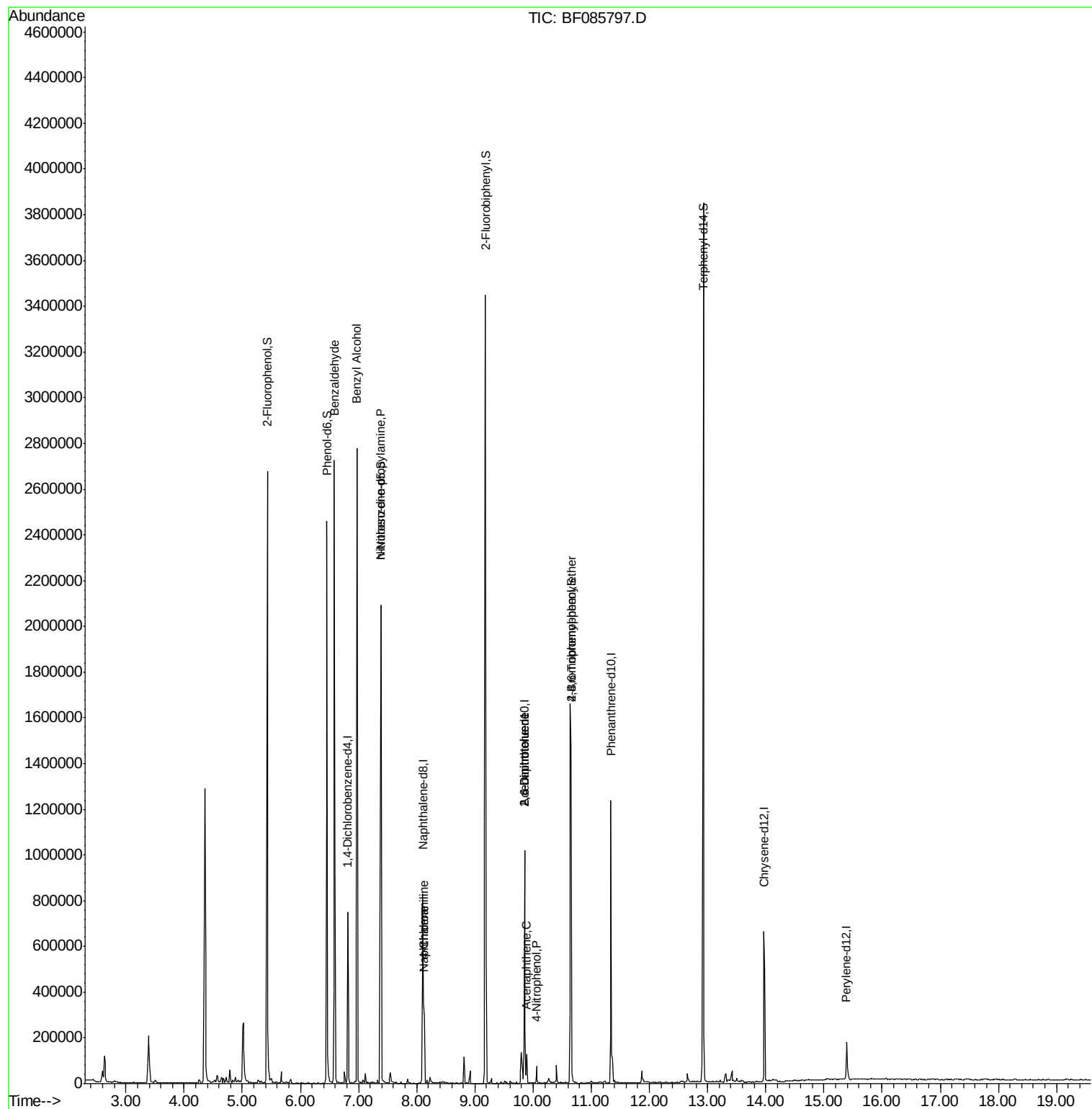
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	114033	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	468126	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	194575	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	418353	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	286848	20.00	ng	-0.01
86) Perylene-d12	15.39	264	61849	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	863721	126.14	ng	0.02
7) Phenol-d6	6.46	99	998430	114.69	ng	0.00
23) Nitrobenzene-d5	7.38	82	789273	94.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	351543	190.16	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1210968	103.98	ng	-0.01
78) Terphenyl-d14	12.93	244	1243145	89.13	ng	0.00
Target Compounds						
9) Benzaldehyde	6.58	77	18576	3.54	ng	Qvalue 82
15) Benzyl Alcohol	6.97	79	12555	2.16	ng	# 45
19) n-Nitroso-di-n-propylamine	7.38	70	105457	20.23	ng	# 76
31) Naphthalene	8.13	128	219757	9.32	ng	97
33) 4-Chloroaniline	8.12	127	28491	2.96	ng	# 31
50) 2,6-Dinitrotoluene	9.85	165	25313	7.97	ng	# 19
51) Acenaphthene	9.89	154	27238	2.27	ng	99
55) 4-Nitrophenol	10.06	139	10328	4.36	ng	# 10
56) 2,4-Dinitrotoluene	9.85	165	25313	6.27	ng	# 37
66) 4-Bromophenyl-phenylether	10.65	248	21473	5.02	ng	# 1

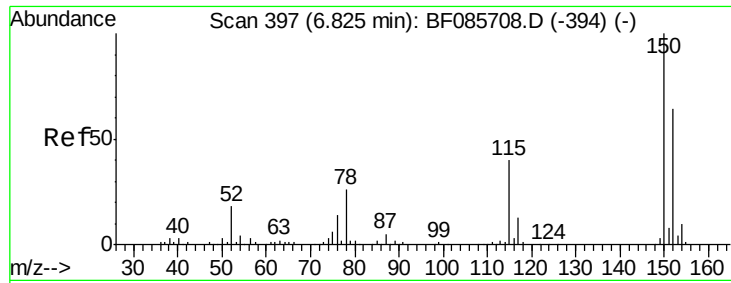
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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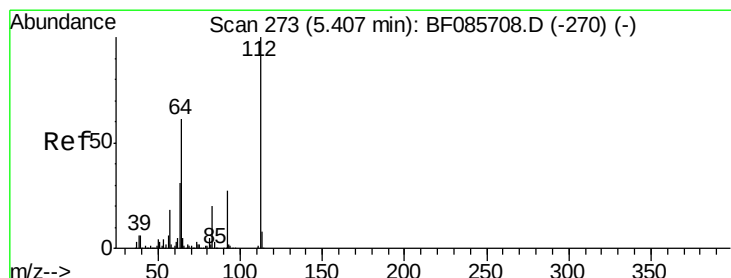
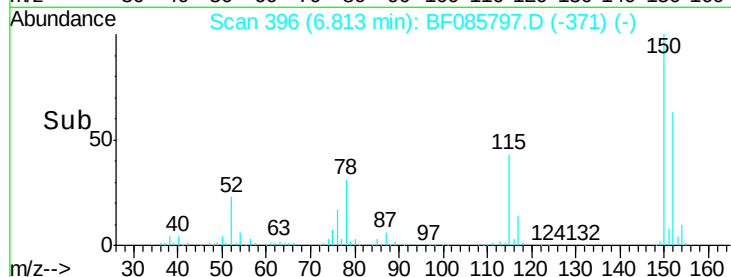
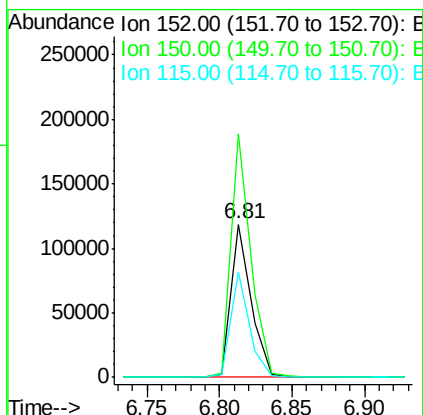
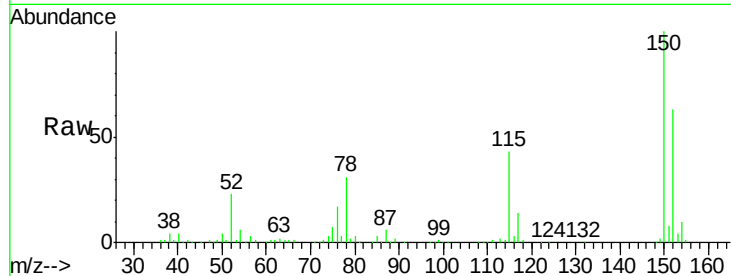


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF085797.D
Acq: 28 Mar 2016 13:07

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

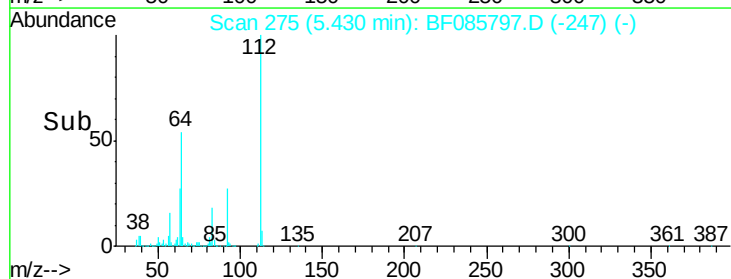
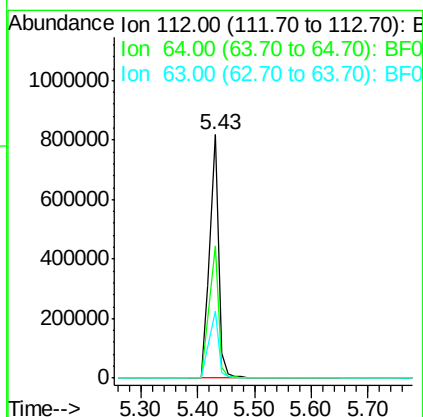
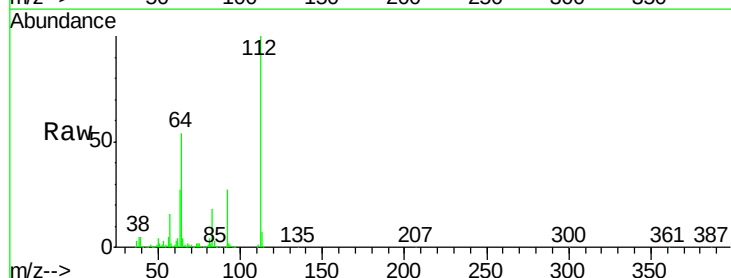
Tgt Ion:152 Resp: 114033
Ion Ratio Lower Upper
152 100
150 159.1 124.2 186.2
115 69.0 47.0 70.6

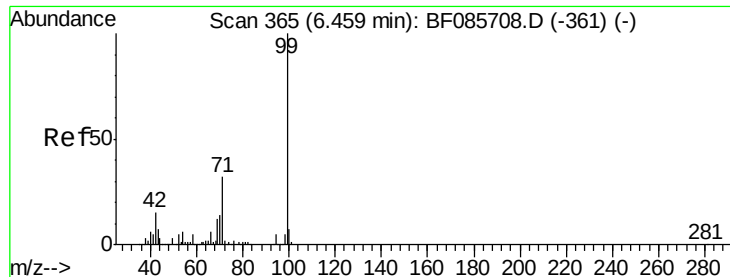


#5

2-Fluorophenol
Concen: 126.14 ng
RT: 5.43 min Scan# 275
Delta R.T. 0.02 min
Lab File: BF085797.D
Acq: 28 Mar 2016 13:07

Tgt Ion:112 Resp: 863721
Ion Ratio Lower Upper
112 100
64 54.2 39.9 59.9
63 27.4 20.2 30.2





#7

Phenol-d6

Concen: 114.69 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085797.D

Acq: 28 Mar 2016 13:07

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-14B

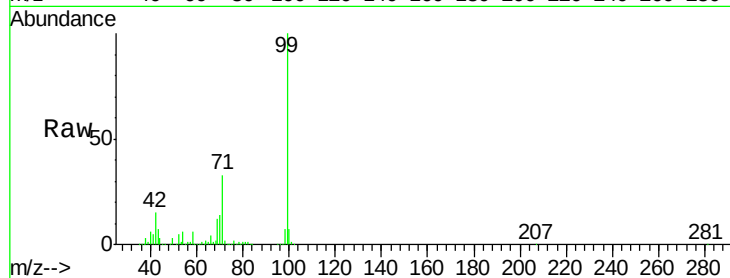
Tgt Ion: 99 Resp: 998430

Ion Ratio Lower Upper

99 100

42 15.3 11.1 16.7

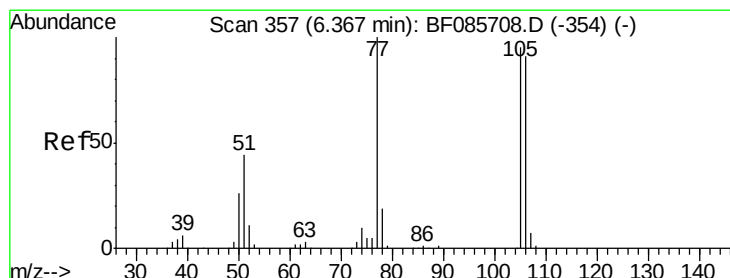
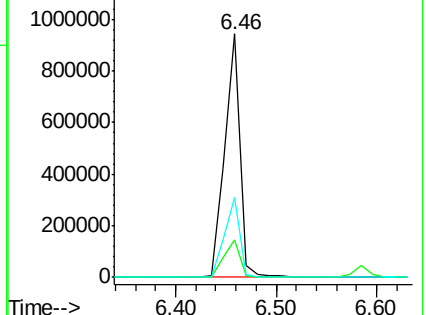
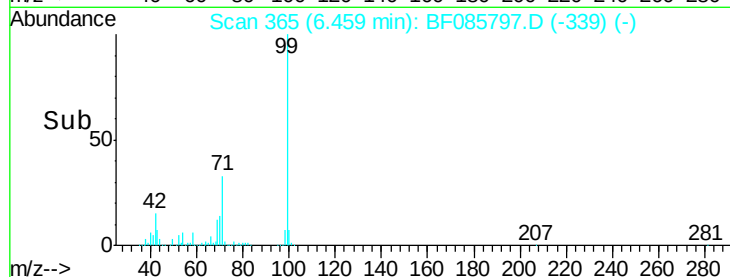
71 32.8 24.9 37.3



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: 3.54 ng

RT: 6.58 min Scan# 376

Delta R.T. 0.22 min

Lab File: BF085797.D

Acq: 28 Mar 2016 13:07

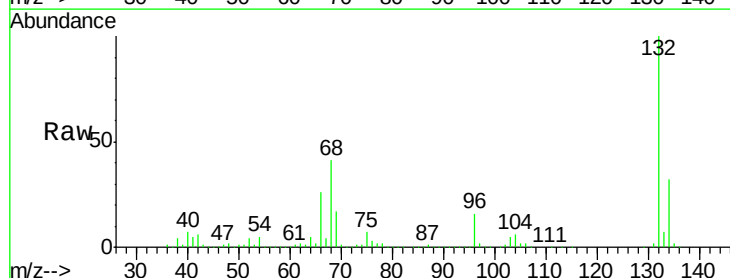
Tgt Ion: 77 Resp: 18576

Ion Ratio Lower Upper

77 100

105 84.0 80.1 120.1

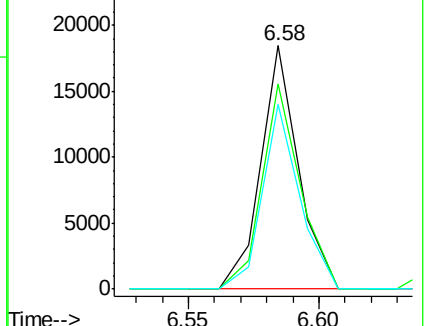
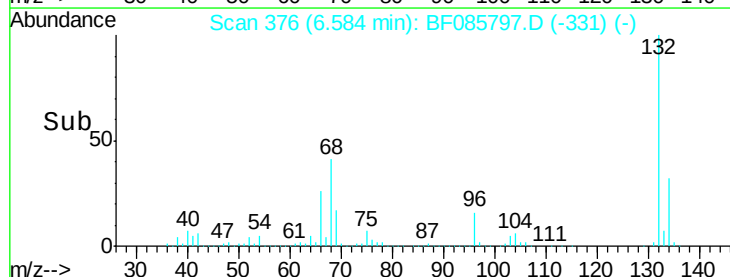
106 75.7 75.0 115.0

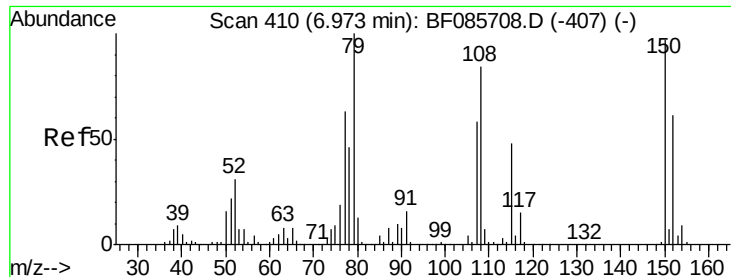


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.16 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF085797.D

Acq: 28 Mar 2016 13:07

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-14B

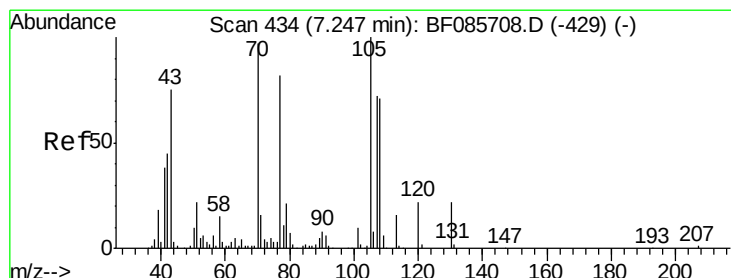
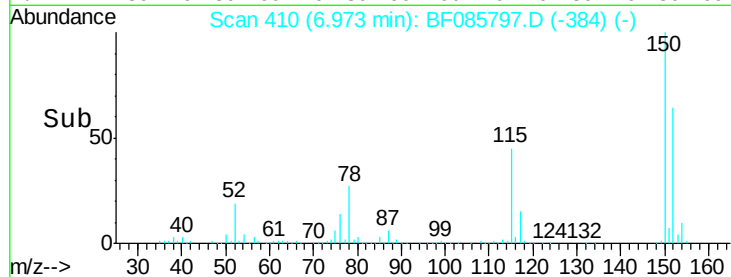
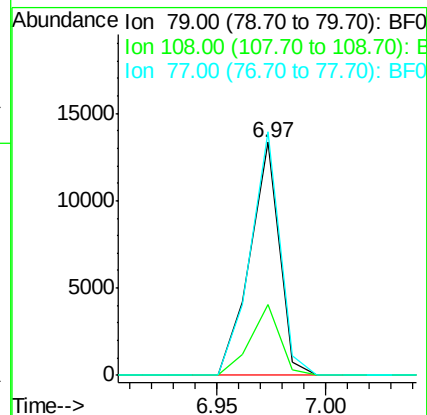
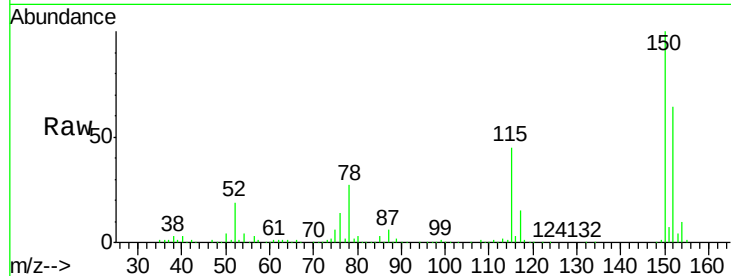
Tgt Ion: 79 Resp: 12555

Ion Ratio Lower Upper

79 100

108 30.3 61.8 92.6#

77 104.3 49.6 74.4#



#19

n-Nitroso-di-n-propylamine

Concen: 20.23 ng

RT: 7.38 min Scan# 446

Delta R.T. 0.14 min

Lab File: BF085797.D

Acq: 28 Mar 2016 13:07

Tgt Ion: 70 Resp: 105457

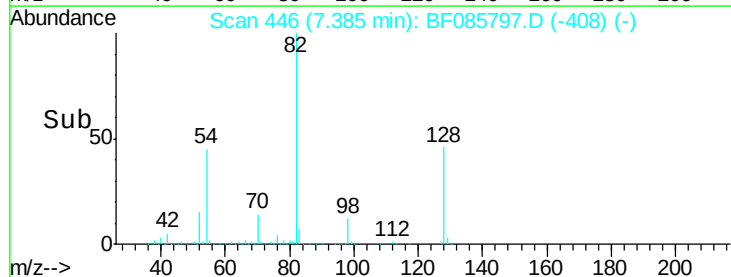
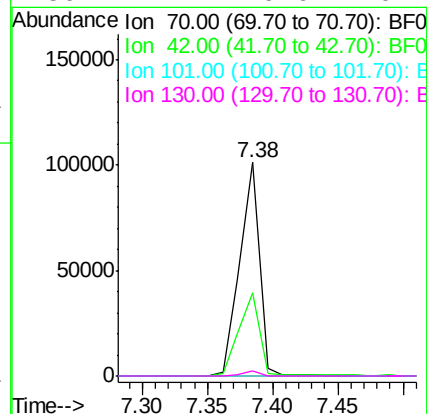
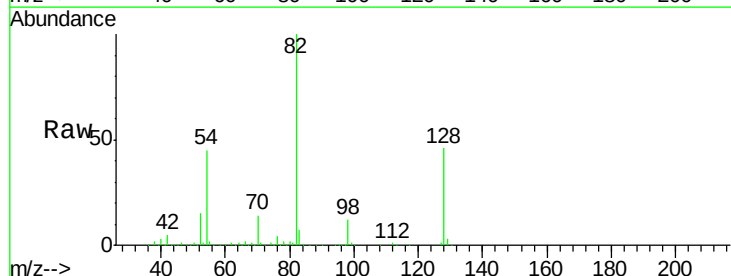
Ion Ratio Lower Upper

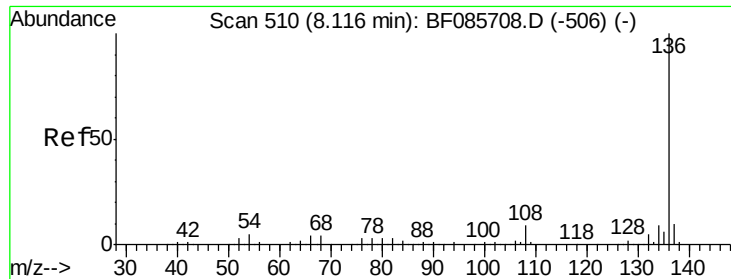
70 100

42 38.8 37.1 55.7

101 0.0 8.6 12.8#

130 2.2 19.6 29.4#

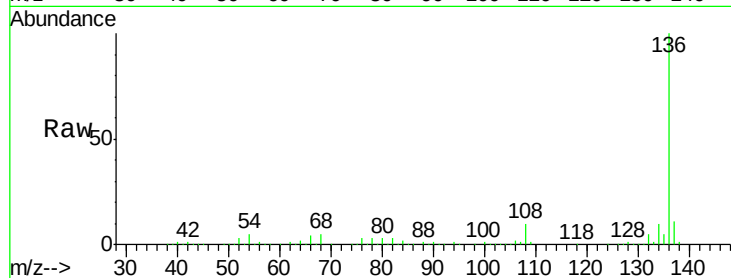




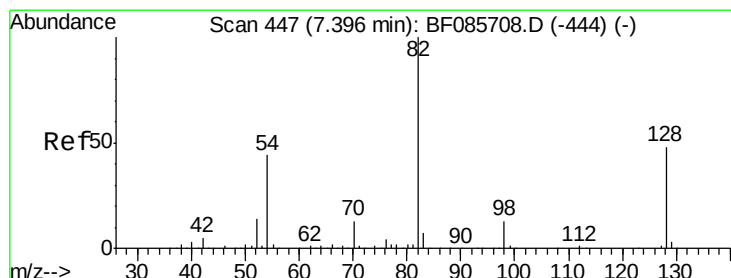
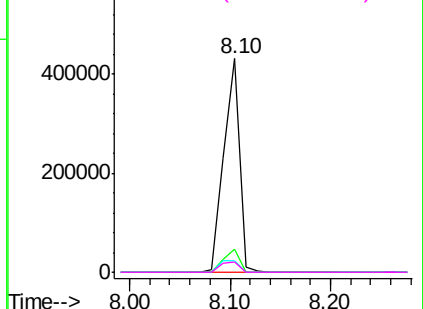
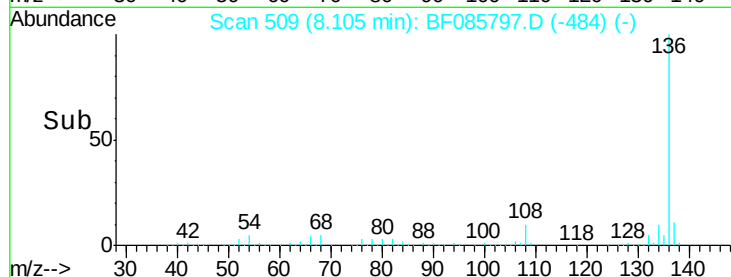
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085797.D
Acq: 28 Mar 2016 13:07

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

Tgt Ion: 136 Resp: 468126
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 5.4 7.4 11.0#
68 4.6 5.8 8.8#

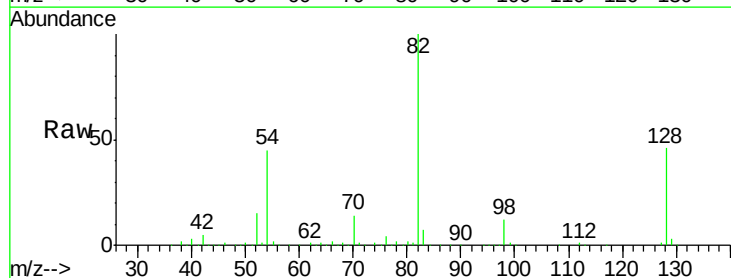


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

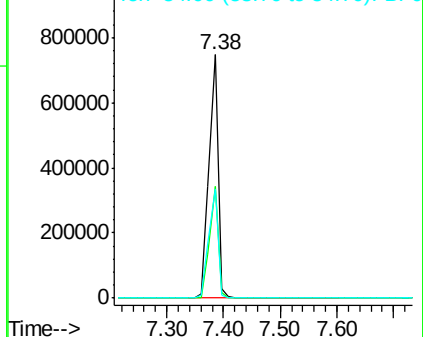
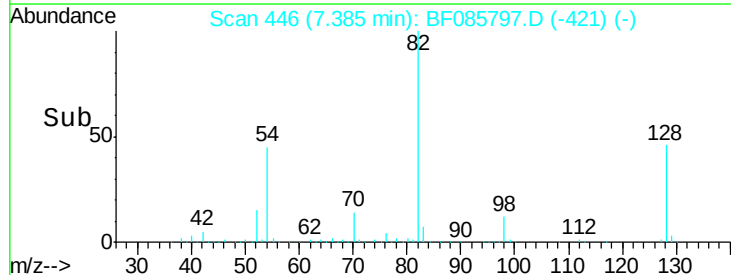


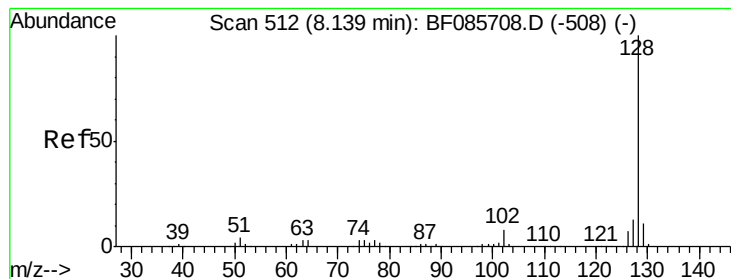
#23
Nitrobenzene-d5
Concen: 94.95 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085797.D
Acq: 28 Mar 2016 13:07

Tgt Ion: 82 Resp: 789273
Ion Ratio Lower Upper
82 100
128 45.8 41.8 62.8
54 45.1 33.4 50.0



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





#31

Naphthalene

Concen: 9.32 ng

RT: 8.13 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF085797.D

Acq: 28 Mar 2016 13:07

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-14B

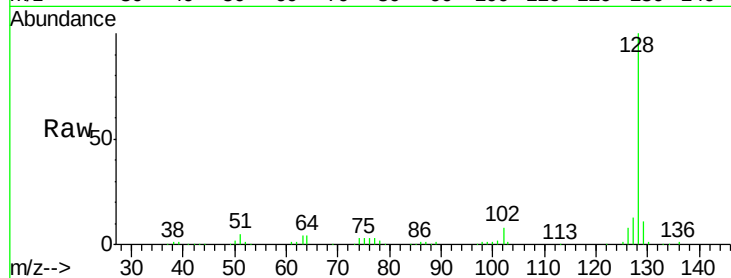
Tgt Ion:128 Resp: 219757

Ion Ratio Lower Upper

128 100

129 10.6 9.4 14.0

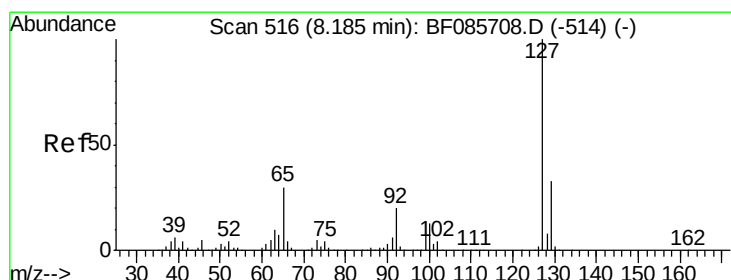
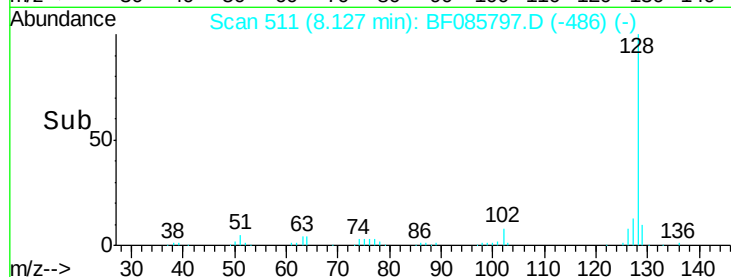
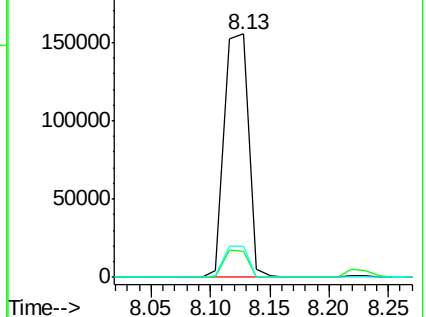
127 12.9 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 2.96 ng

RT: 8.12 min Scan# 510

Delta R.T. -0.07 min

Lab File: BF085797.D

Acq: 28 Mar 2016 13:07

Tgt Ion:127 Resp: 28491

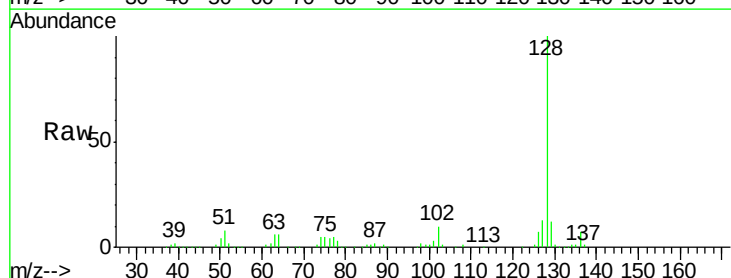
Ion Ratio Lower Upper

127 100

129 88.1 26.1 39.1#

65 0.0 19.5 29.3#

92 0.0 14.6 22.0#

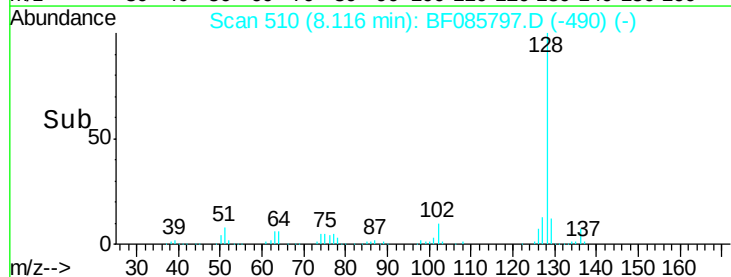
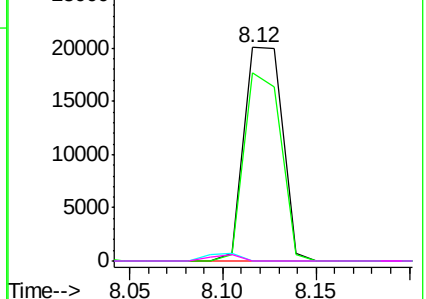


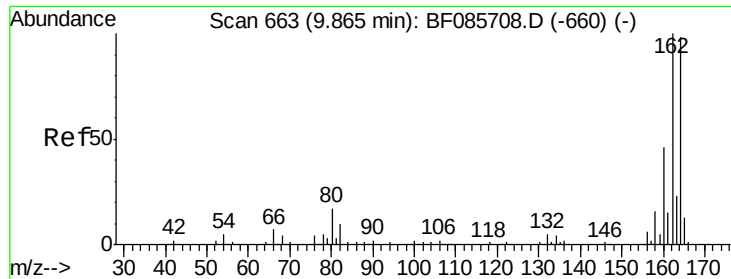
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF085797.D

Acq: 28 Mar 2016 13:07

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-14B

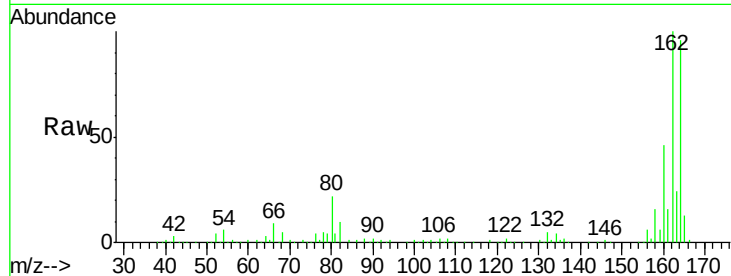
Tgt Ion:164 Resp: 194575

Ion Ratio Lower Upper

164 100

162 103.7 82.1 123.1

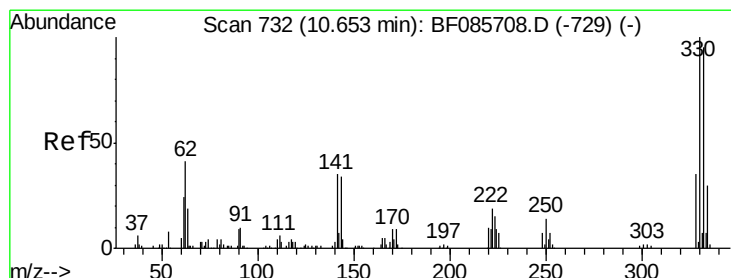
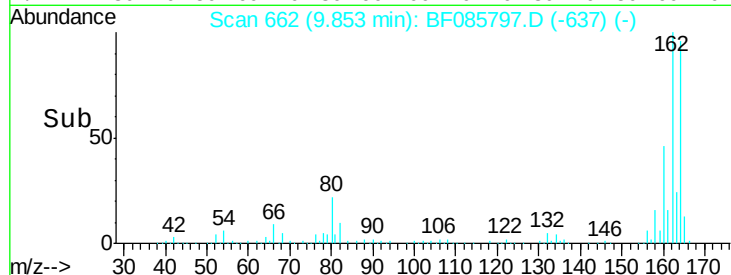
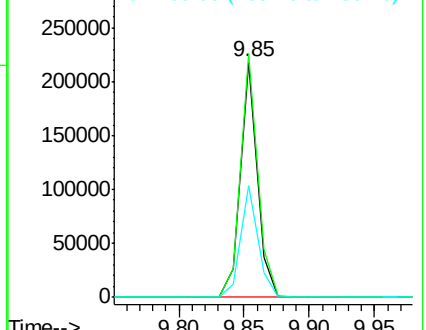
160 47.5 37.4 56.2



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: 190.16 ng

RT: 10.65 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF085797.D

Acq: 28 Mar 2016 13:07

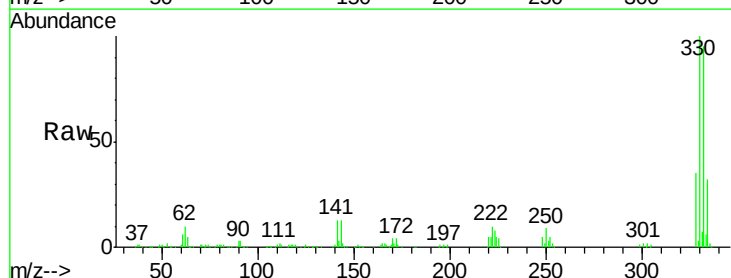
Tgt Ion:330 Resp: 351543

Ion Ratio Lower Upper

330 100

332 94.8 78.2 117.2

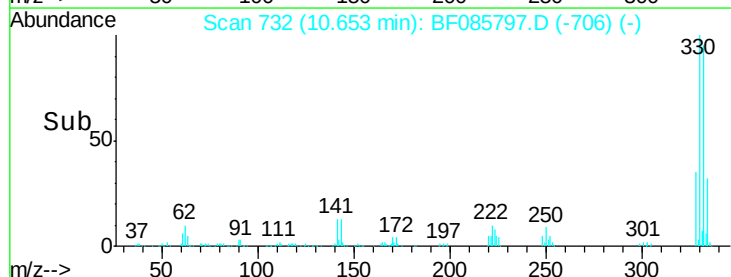
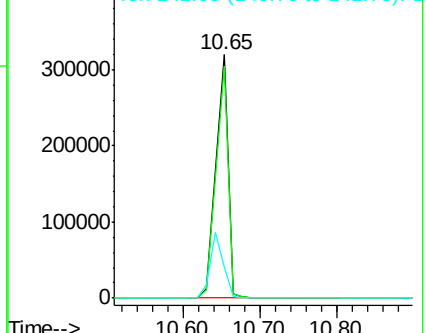
141 29.2 31.5 47.3#

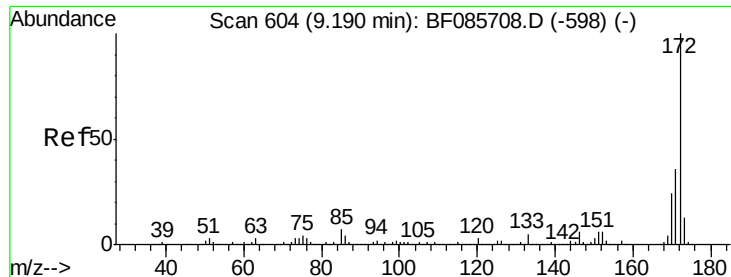


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

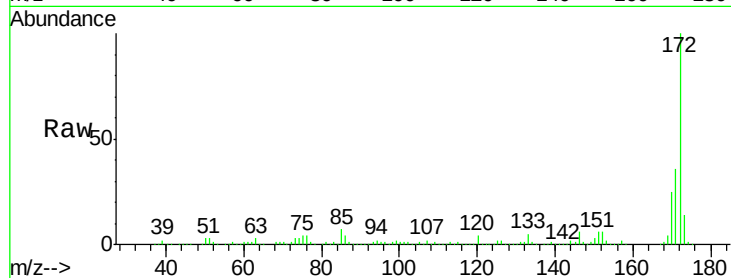




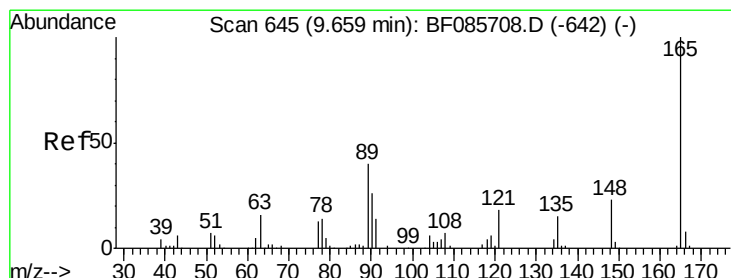
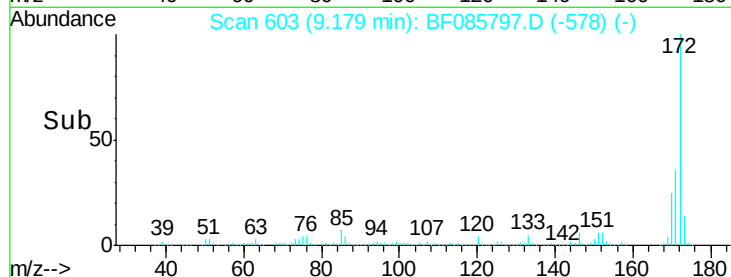
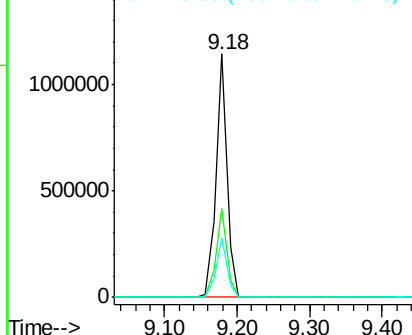
#44
 2-Fluorobiphenyl
 Concen: 103.98 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085797.D
 Acq: 28 Mar 2016 13:07

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

Tgt Ion:172 Resp: 1210968
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.2
 170 24.6 19.8 29.6

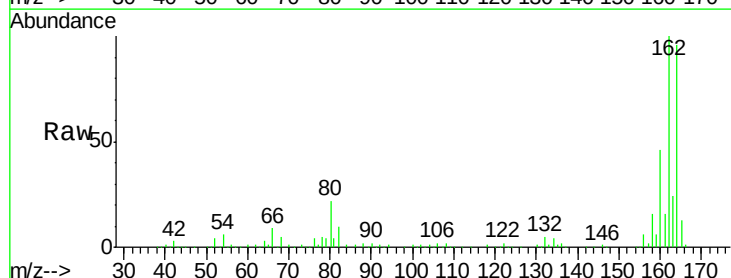


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

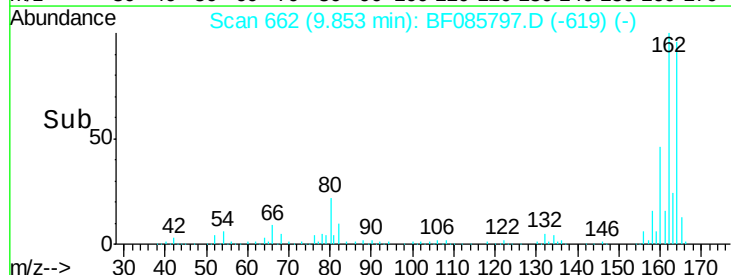
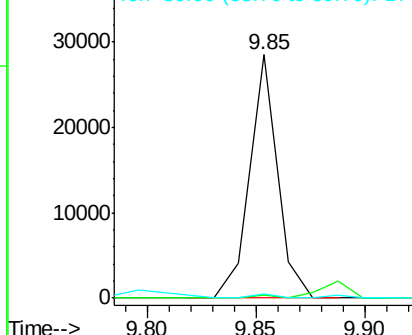


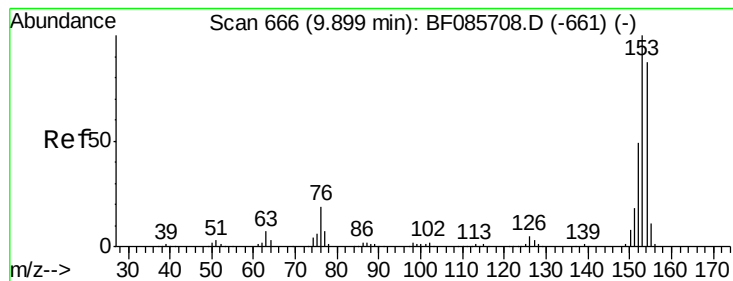
#50
 2,6-Dinitrotoluene
 Concen: 7.97 ng
 RT: 9.85 min Scan# 662
 Delta R.T. 0.19 min
 Lab File: BF085797.D
 Acq: 28 Mar 2016 13:07

Tgt Ion:165 Resp: 25313
 Ion Ratio Lower Upper
 165 100
 63 1.4 51.8 77.8#
 89 2.0 53.7 80.5#



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





#51

Acenaphthene

Concen: 2.27 ng

RT: 9.89 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF085797.D

Acq: 28 Mar 2016 13:07

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-14B

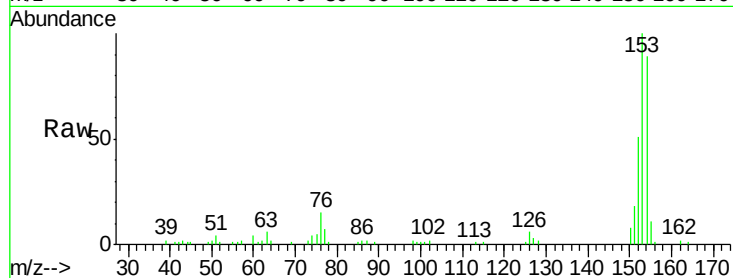
Tgt Ion:154 Resp: 27238

Ion Ratio Lower Upper

154 100

153 112.0 90.1 135.1

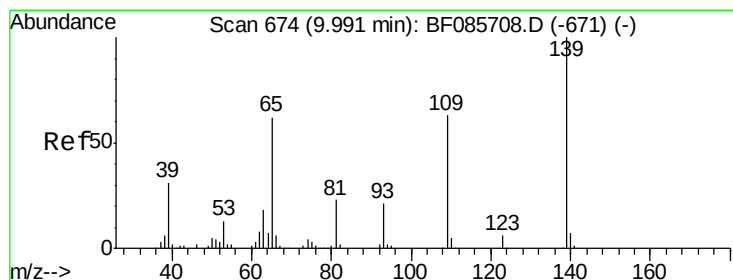
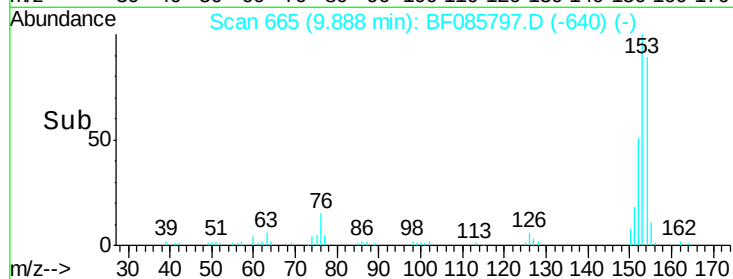
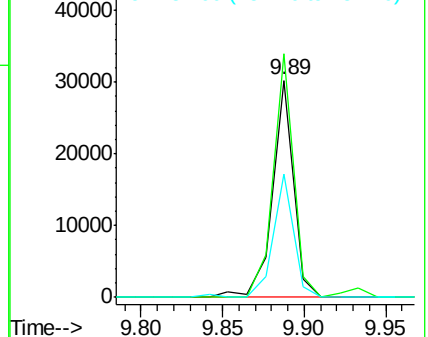
152 56.8 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#55

4-Nitrophenol

Concen: 4.36 ng

RT: 10.06 min Scan# 680

Delta R.T. 0.07 min

Lab File: BF085797.D

Acq: 28 Mar 2016 13:07

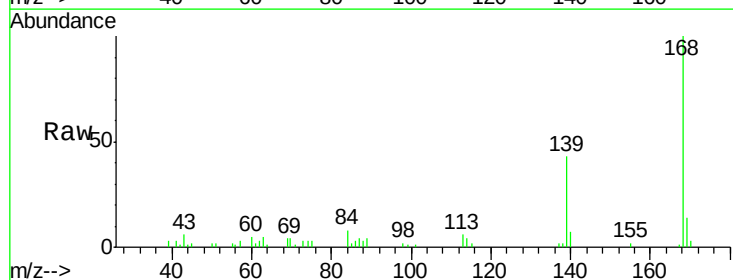
Tgt Ion:139 Resp: 10328

Ion Ratio Lower Upper

139 100

109 0.0 49.2 89.2#

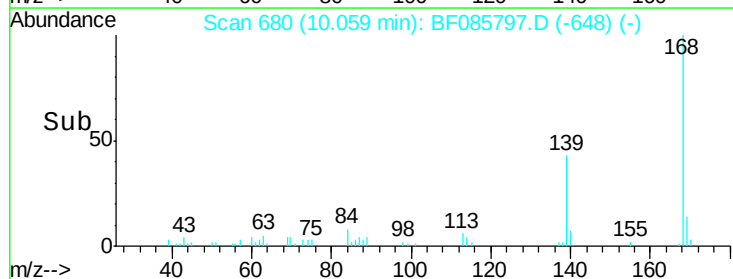
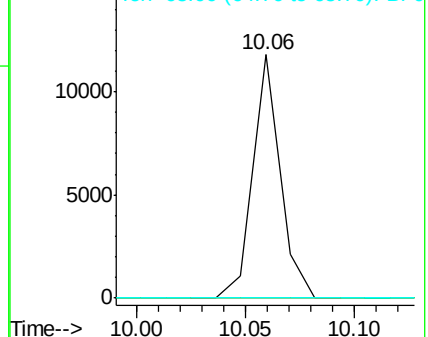
65 0.0 66.9 106.9#

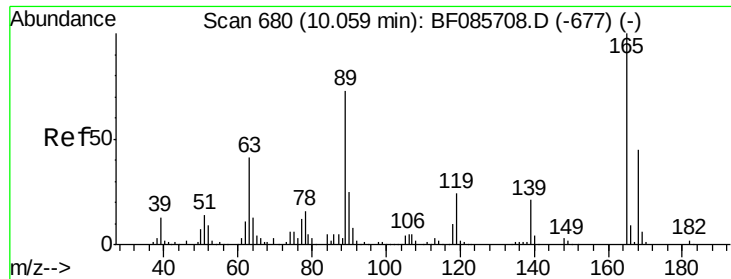


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

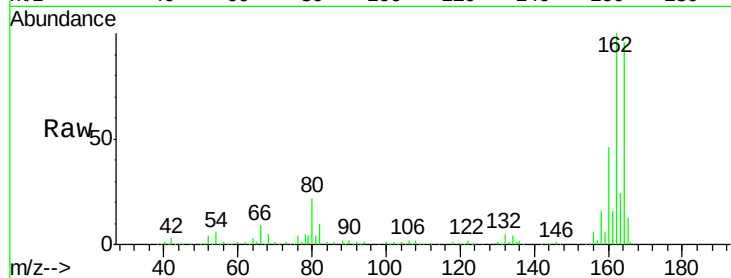




#56
 2,4-Dinitrotoluene
 Concen: 6.27 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.21 min
 Lab File: BF085797.D
 Acq: 28 Mar 2016 13:07

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

Tgt Ion:	165	Resp:	25313
Ion Ratio	Lower	Upper	
165	100		
63	1.4	24.9	37.3#
89	2.0	41.0	61.6#
182	0.0	2.1	3.1#

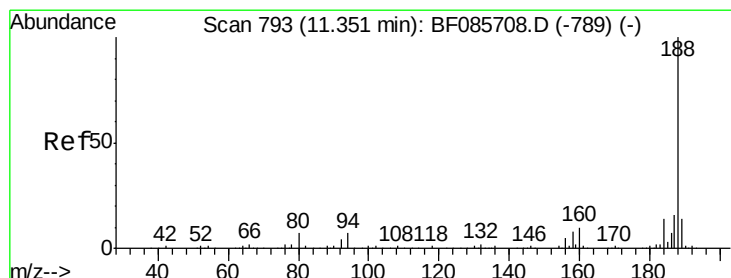
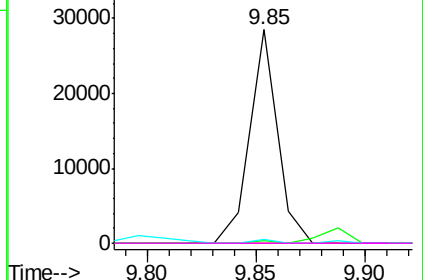
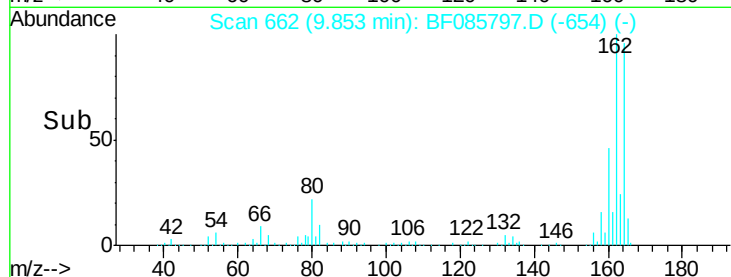


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

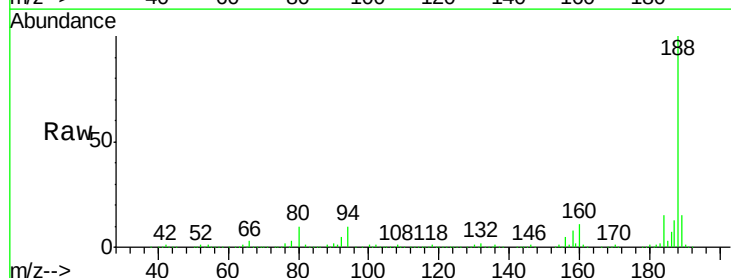
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF085797.D
 Acq: 28 Mar 2016 13:07

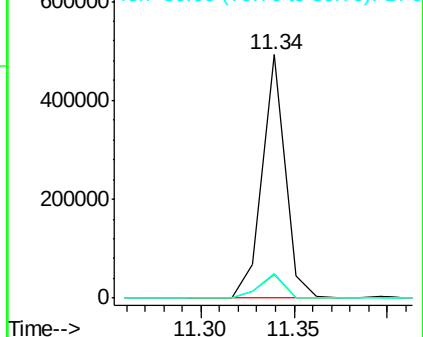
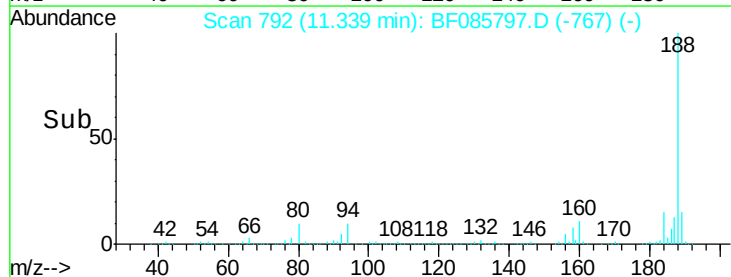
Tgt Ion:	188	Resp:	418353
Ion Ratio	Lower	Upper	
188	100		
94	9.7	5.4	8.0#
80	10.1	5.5	8.3#

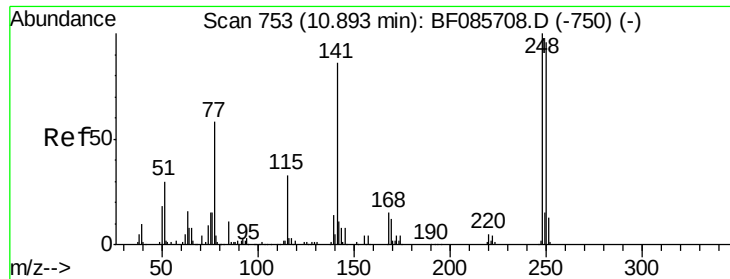


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

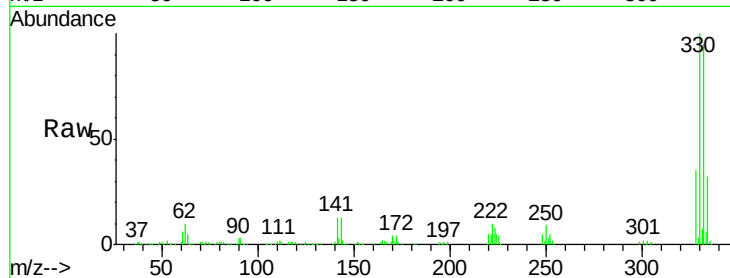




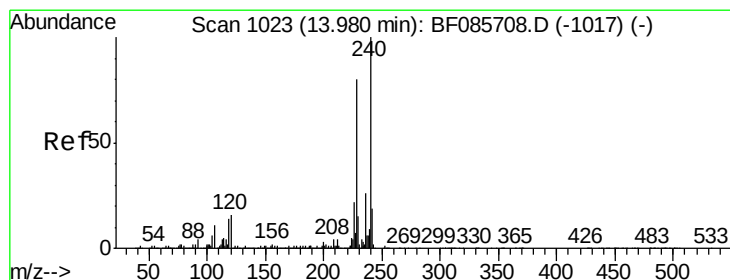
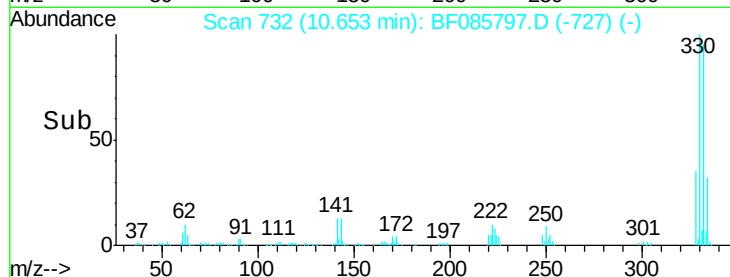
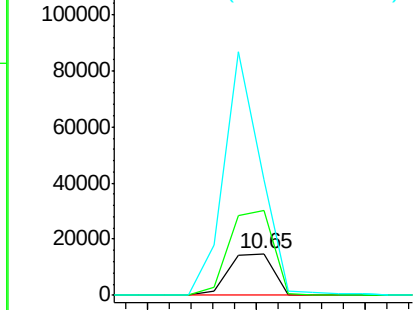
#66
 4-Bromophenyl-phenylether
 Concen: 5.02 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.24 min
 Lab File: BF085797.D
 Acq: 28 Mar 2016 13:07

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

Tgt Ion:248 Resp: 21473
 Ion Ratio Lower Upper
 248 100
 250 204.9 77.4 116.0#
 141 278.1 63.6 95.4#

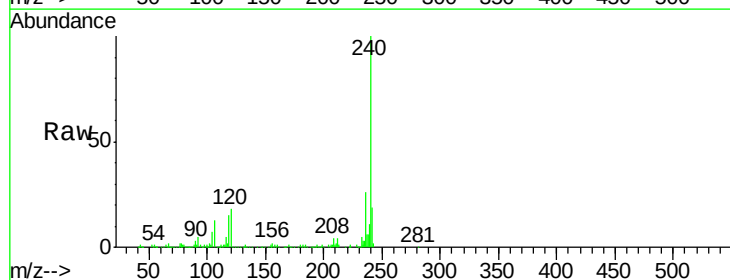


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

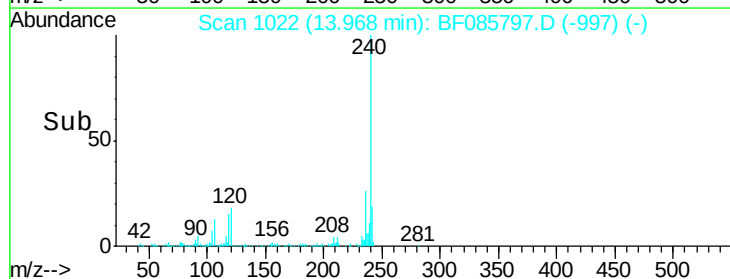
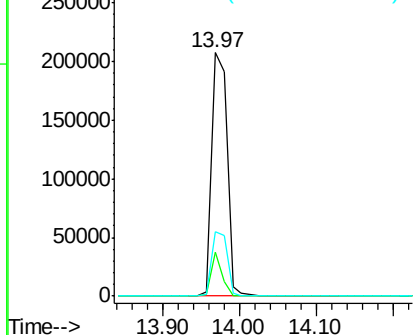


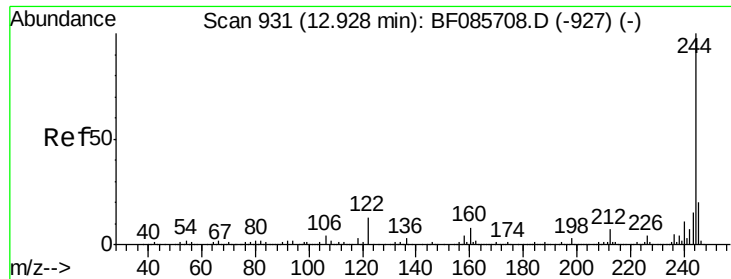
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF085797.D
 Acq: 28 Mar 2016 13:07

Tgt Ion:240 Resp: 286848
 Ion Ratio Lower Upper
 240 100
 120 17.9 13.8 20.8
 236 26.5 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

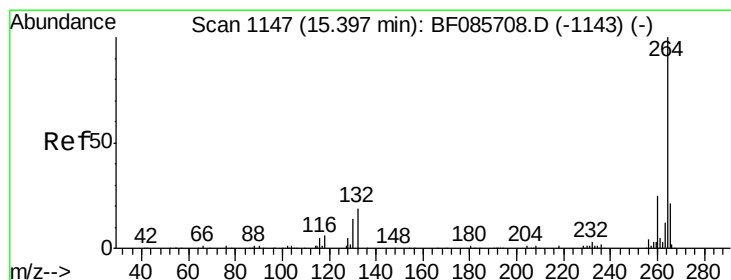
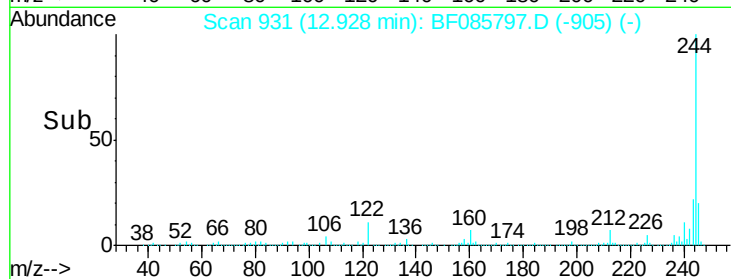
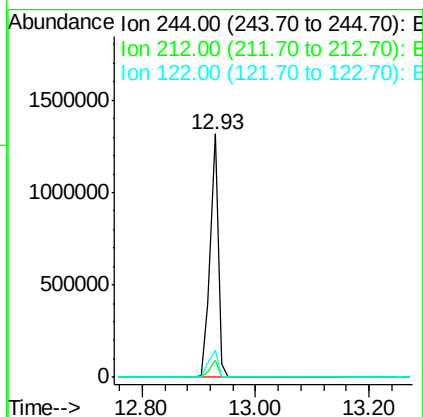
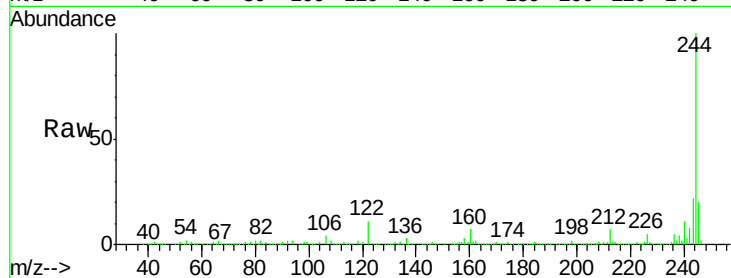




#78
 Terphenyl-d14
 Concen: 89.13 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF085797.D
 Acq: 28 Mar 2016 13:07

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

Tgt Ion:244 Resp: 1243145
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 11.1 10.2 15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF085797.D
 Acq: 28 Mar 2016 13:07

Tgt Ion:264 Resp: 61849
 Ion Ratio Lower Upper
 264 100
 260 28.2 19.4 29.2
 265 21.0 17.2 25.8

