

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085796.D
 Acq On : 28 Mar 2016 12:39
 Operator : UM/SJ
 Sample : H1885-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Mar 29 03:31:14 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	115139	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	477998	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	215916	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	419842	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	314882	20.00	ng	0.00
86) Perylene-d12	15.40	264	210429	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	848877	122.79	ng	0.02
7) Phenol-d6	6.46	99	986719	112.25	ng	0.00
23) Nitrobenzene-d5	7.38	82	797319	93.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	368454	179.61	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1300152	100.61	ng	-0.01
78) Terphenyl-d14	12.93	244	1236221	80.74	ng	0.00

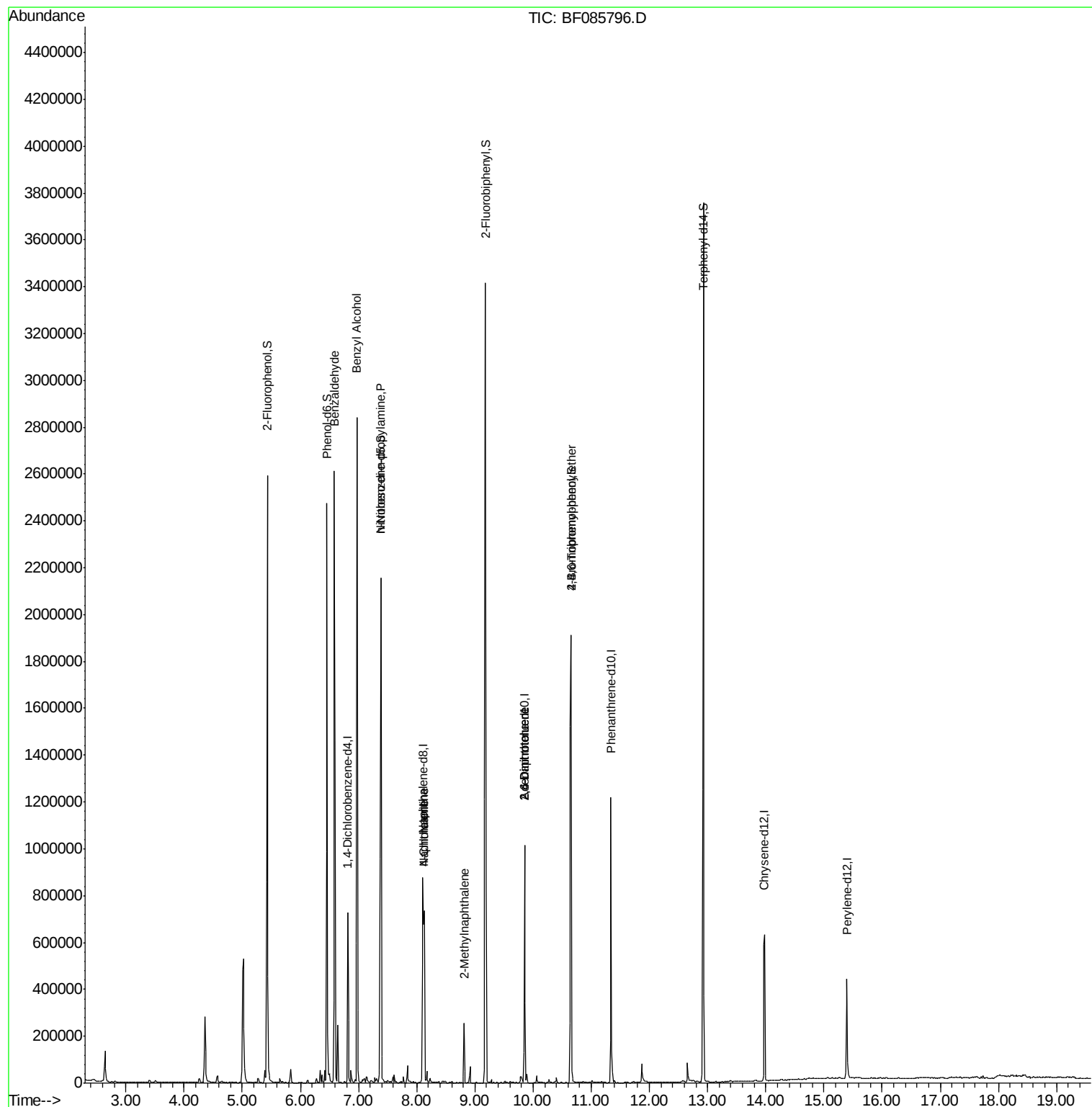
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.58	77	19830	3.74	ng	83
15) Benzyl Alcohol	6.97	79	12365	2.11	ng	# 44
19) n-Nitroso-di-n-propylamine	7.38	70	106915	20.31	ng	# 78
31) Naphthalene	8.13	128	498727	20.71	ng	99
33) 4-Chloroaniline	8.13	127	66562	6.77	ng	# 38
37) 2-Methylnaphthalene	8.81	142	70181	3.12	ng	98
50) 2,6-Dinitrotoluene	9.85	165	27962	7.93	ng	# 19
56) 2,4-Dinitrotoluene	9.85	165	27962	6.24	ng	# 37
66) 4-Bromophenyl-phenylether	10.65	248	23392	5.45	ng	# 1

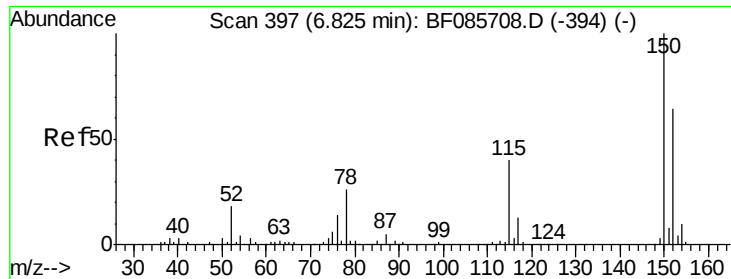
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF085796.D

Acq: 28 Mar 2016 12:39

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-14A

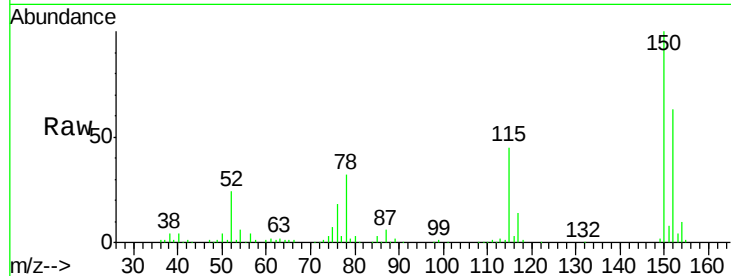
Tgt Ion:152 Resp: 115139

Ion Ratio Lower Upper

152 100

150 159.9 124.2 186.2

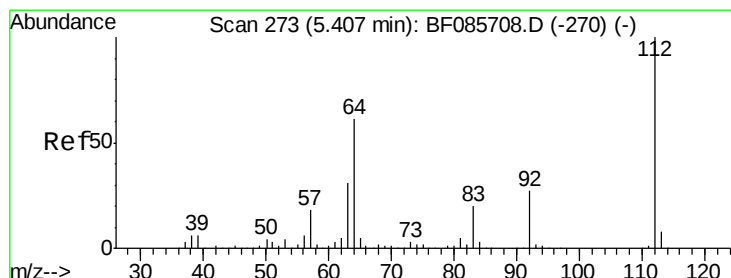
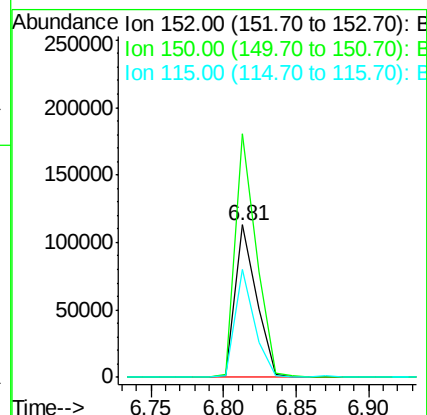
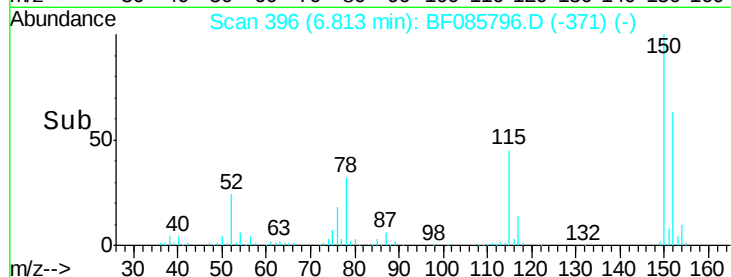
115 71.2 47.0 70.6#



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: 122.79 ng

RT: 5.43 min Scan# 275

Delta R.T. 0.02 min

Lab File: BF085796.D

Acq: 28 Mar 2016 12:39

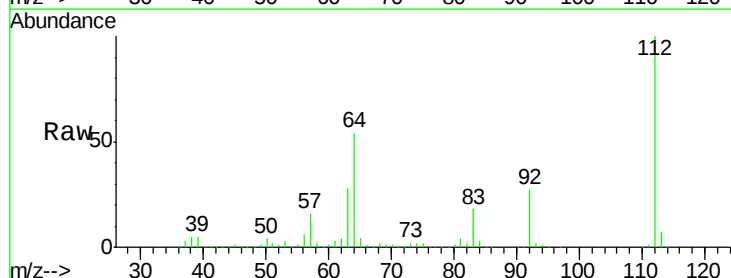
Tgt Ion:112 Resp: 848877

Ion Ratio Lower Upper

112 100

64 54.3 39.9 59.9

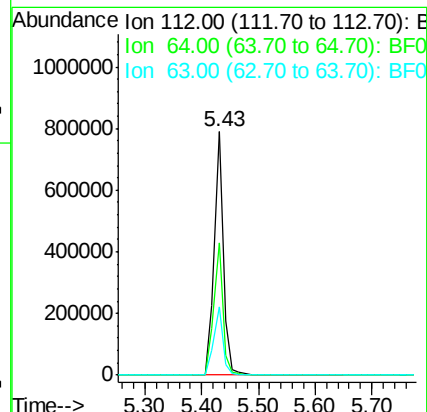
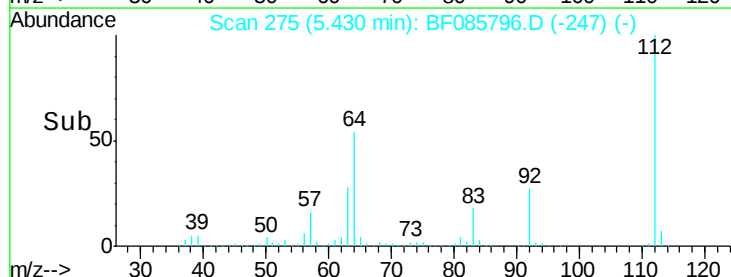
63 28.1 20.2 30.2



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: 112.25 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085796.D

Acq: 28 Mar 2016 12:39

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-14A

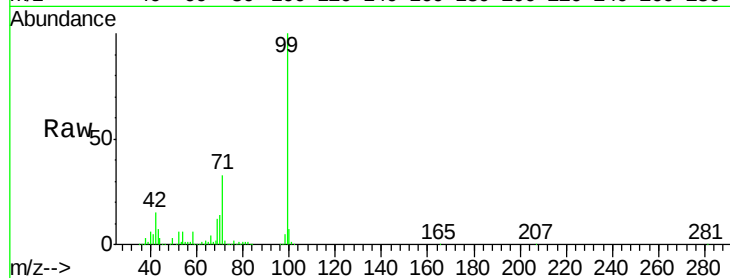
Tgt Ion: 99 Resp: 986719

Ion Ratio Lower Upper

99 100

42 15.2 11.1 16.7

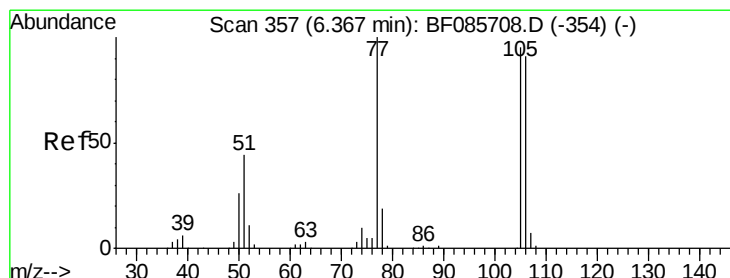
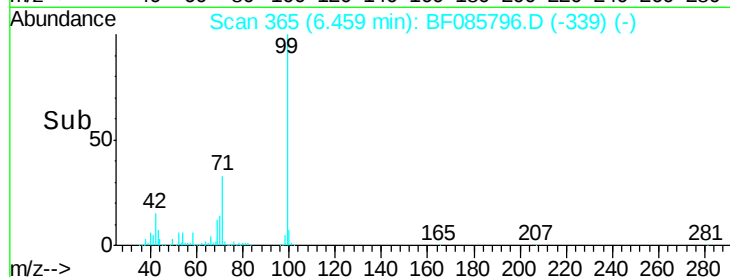
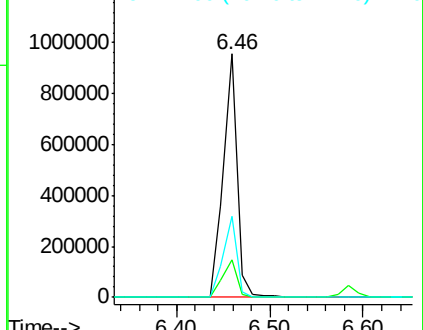
71 33.3 24.9 37.3



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: 3.74 ng

RT: 6.58 min Scan# 376

Delta R.T. 0.22 min

Lab File: BF085796.D

Acq: 28 Mar 2016 12:39

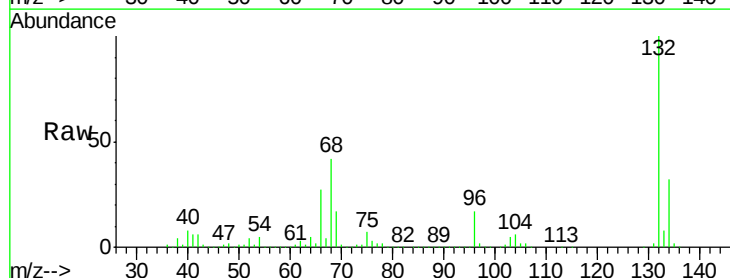
Tgt Ion: 77 Resp: 19830

Ion Ratio Lower Upper

77 100

105 85.6 80.1 120.1

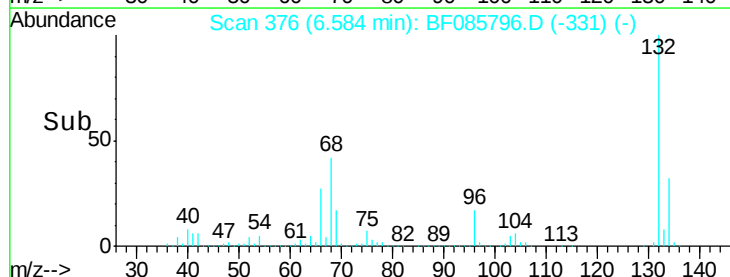
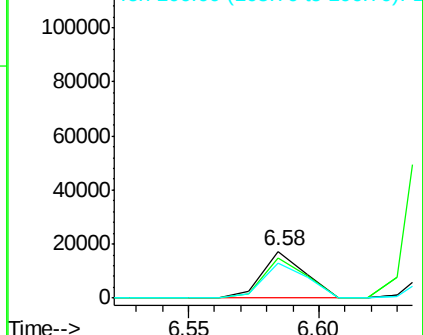
106 75.2 75.0 115.0

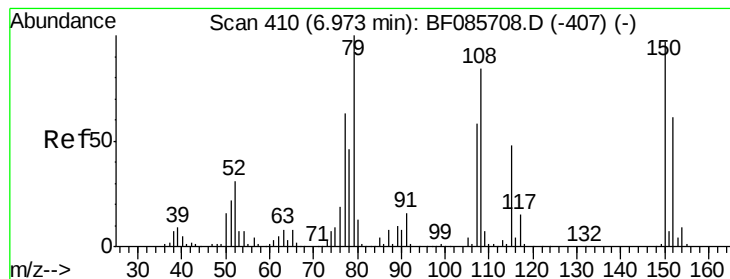


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#15

Benzyl Alcohol

Concen: 2.11 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF085796.D

Acq: 28 Mar 2016 12:39

Instrument :

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ClientSampleId :

TRACK-D-GRID-14A

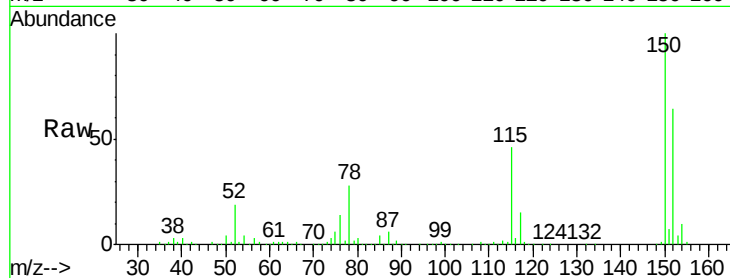
Tgt Ion: 79 Resp: 12365

Ion Ratio Lower Upper

79 100

108 31.8 61.8 92.6#

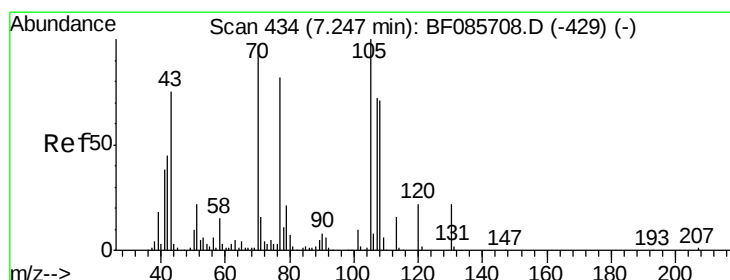
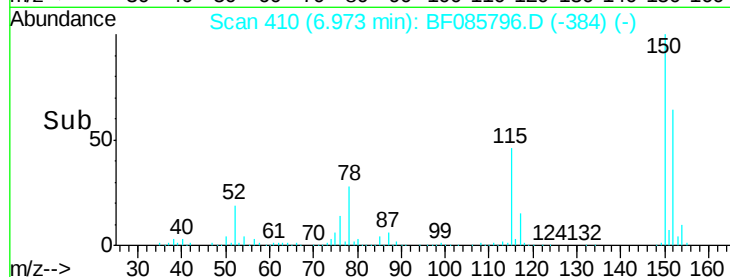
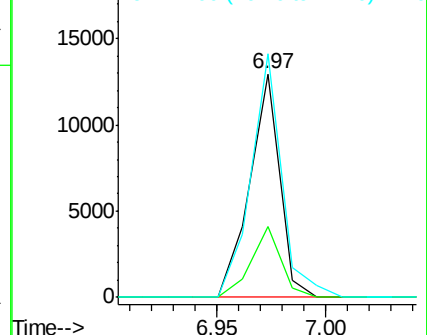
77 109.0 49.6 74.4#



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: 20.31 ng

RT: 7.38 min Scan# 446

Delta R.T. 0.14 min

Lab File: BF085796.D

Acq: 28 Mar 2016 12:39

Tgt Ion: 70 Resp: 106915

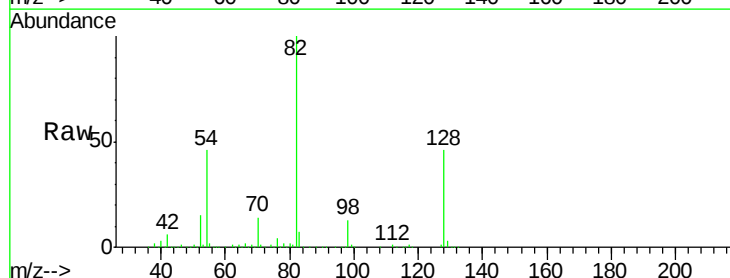
Ion Ratio Lower Upper

70 100

42 40.8 37.1 55.7

101 0.0 8.6 12.8#

130 2.2 19.6 29.4#

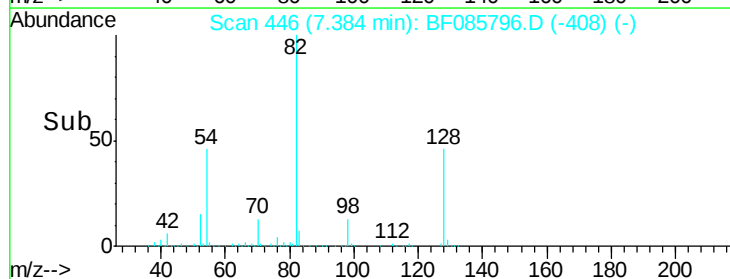
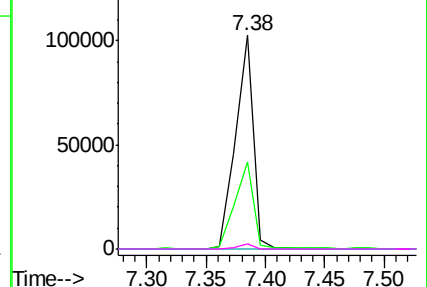


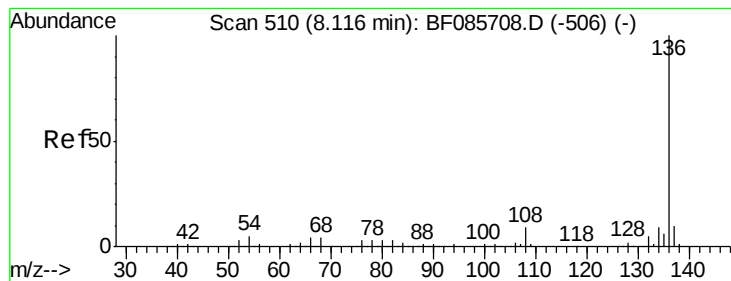
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF085796.D

Acq: 28 Mar 2016 12:39

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-14A

Tgt Ion:136 Resp: 477998

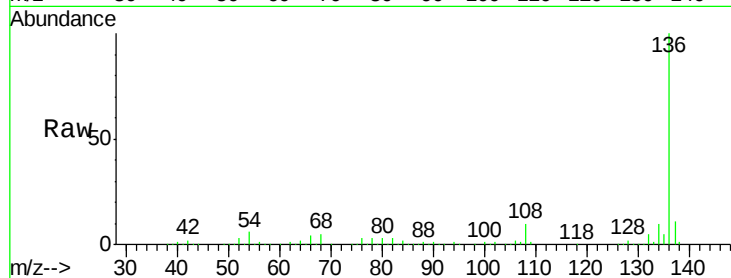
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 5.7 7.4 11.0#

68 4.9 5.8 8.8#

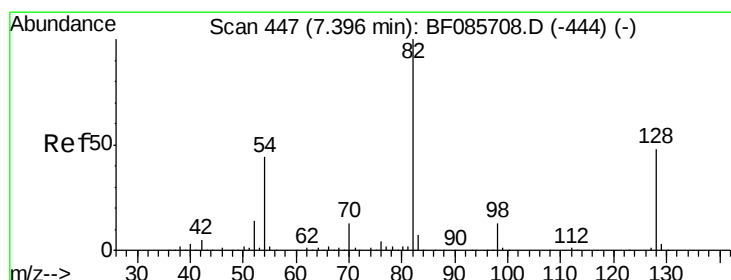
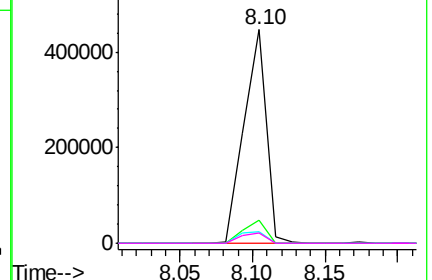
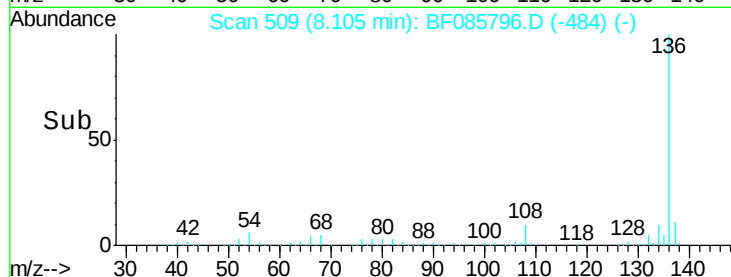


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.93 ng

RT: 7.38 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF085796.D

Acq: 28 Mar 2016 12:39

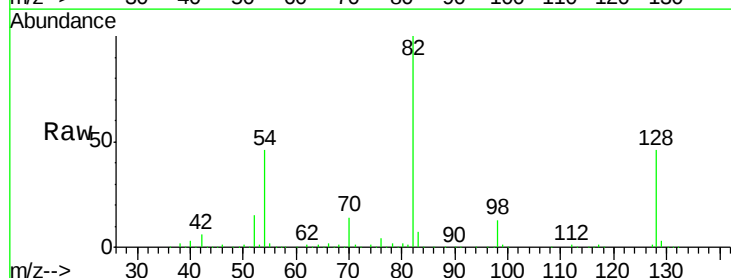
Tgt Ion: 82 Resp: 797319

Ion Ratio Lower Upper

82 100

128 46.5 41.8 62.8

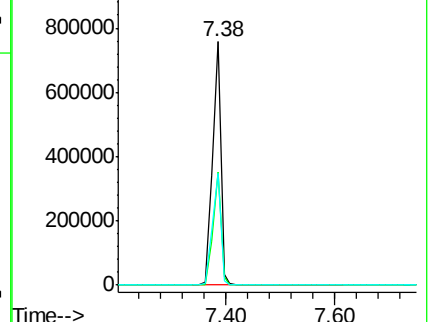
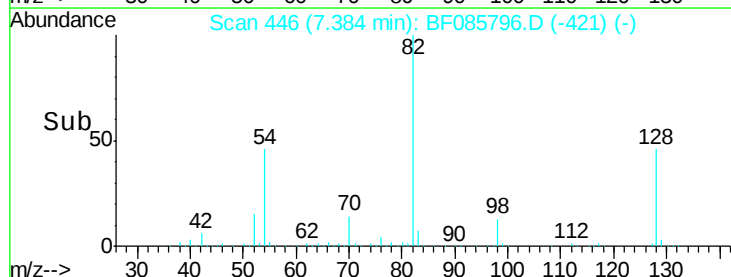
54 45.8 33.4 50.0

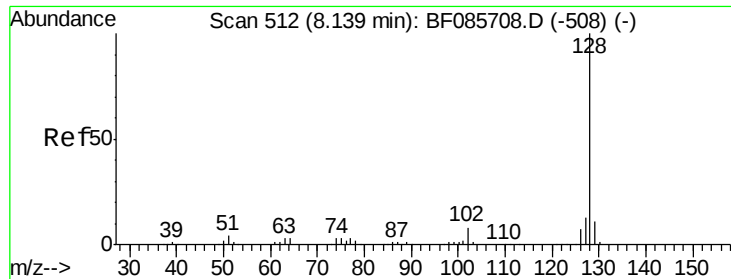


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

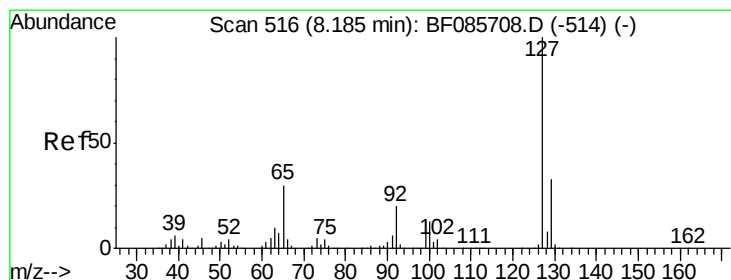
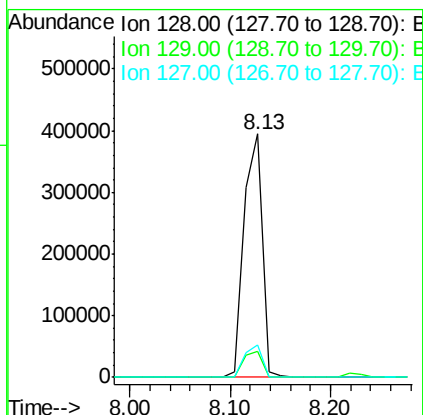
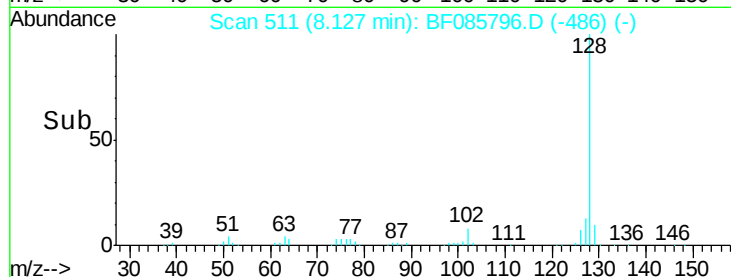
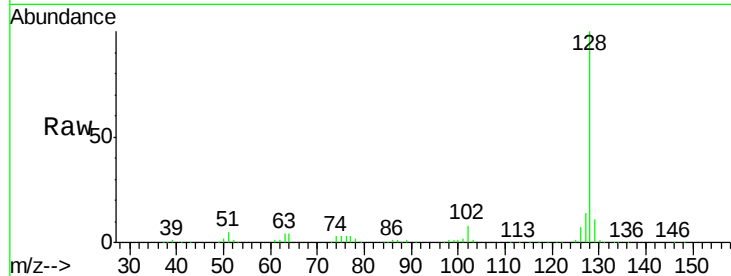




#31
Naphthalene
Concen: 20.71 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF085796.D
Acq: 28 Mar 2016 12:39

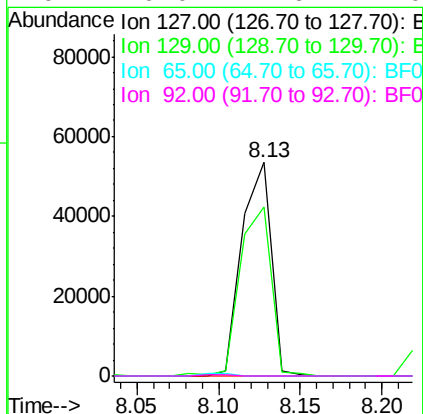
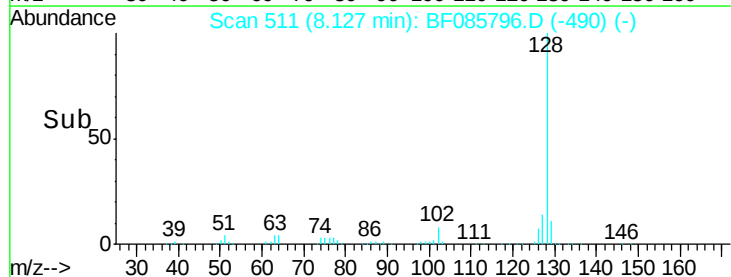
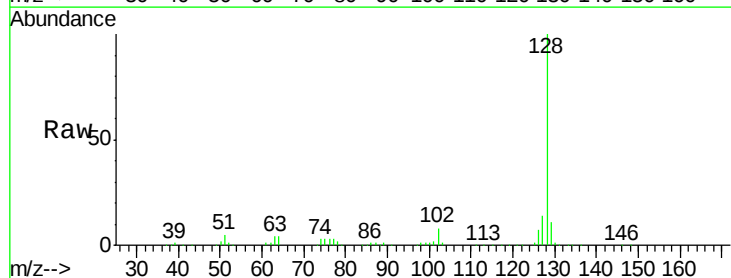
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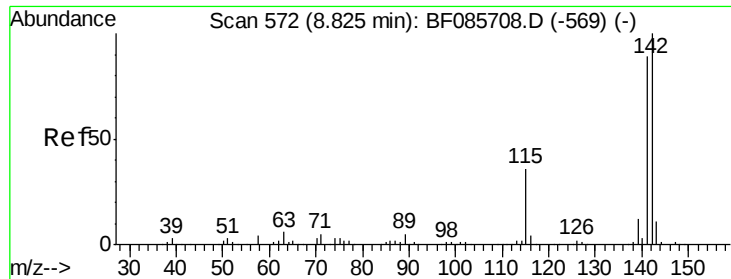
Tgt Ion:128 Resp: 498727
Ion Ratio Lower Upper
128 100
129 10.7 9.4 14.0
127 13.6 11.0 16.6



#33
4-Chloroaniline
Concen: 6.77 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.06 min
Lab File: BF085796.D
Acq: 28 Mar 2016 12:39

Tgt Ion:127 Resp: 66562
Ion Ratio Lower Upper
127 100
129 79.2 26.1 39.1#
65 0.0 19.5 29.3#
92 0.0 14.6 22.0#

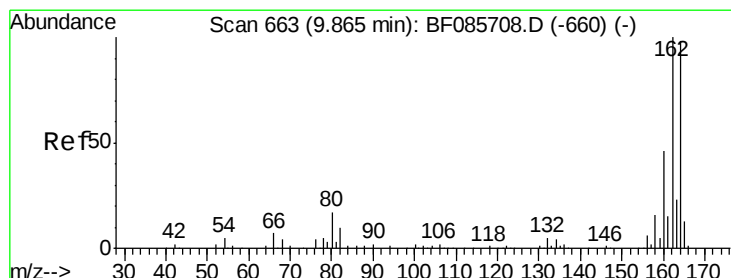
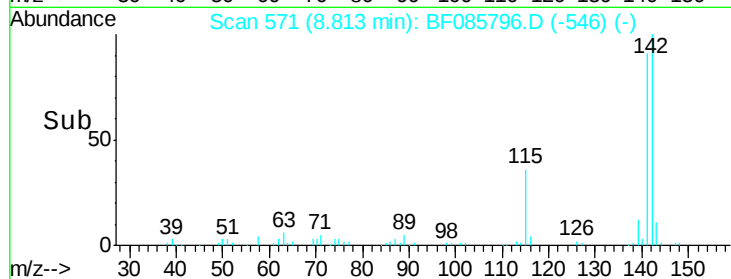
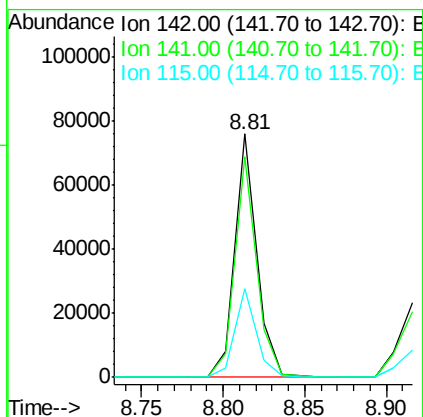
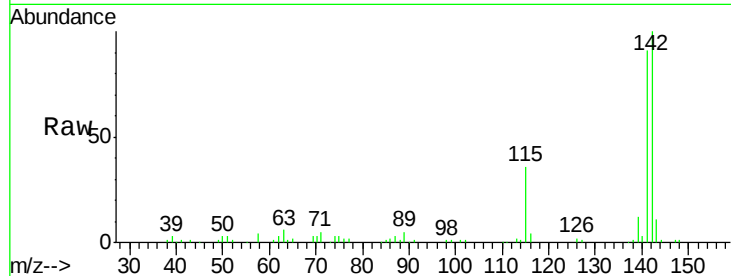




#37
2-Methylnaphthalene
Concen: 3.12 ng
RT: 8.81 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF085796.D
Acq: 28 Mar 2016 12:39

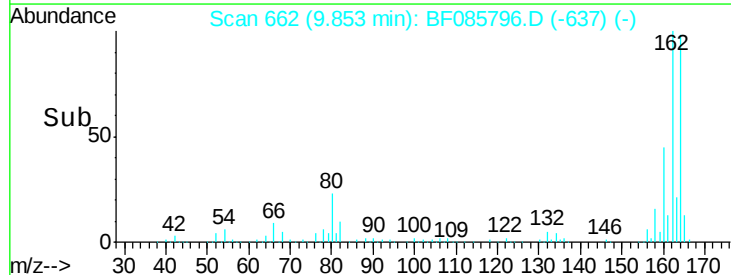
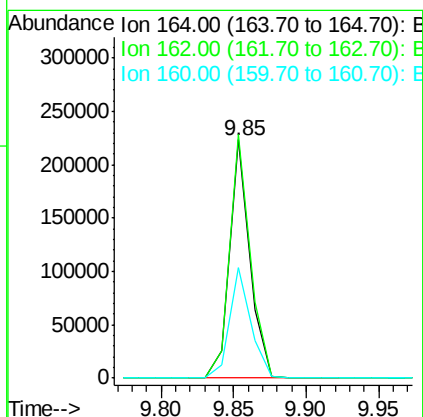
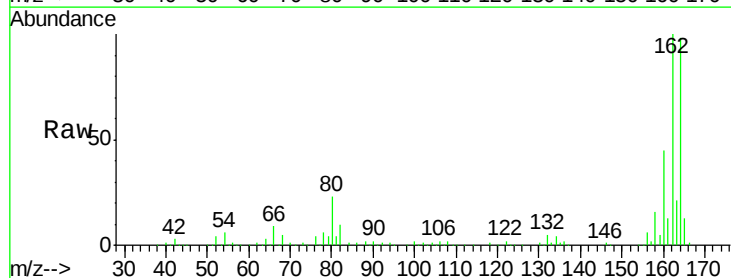
Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-14A

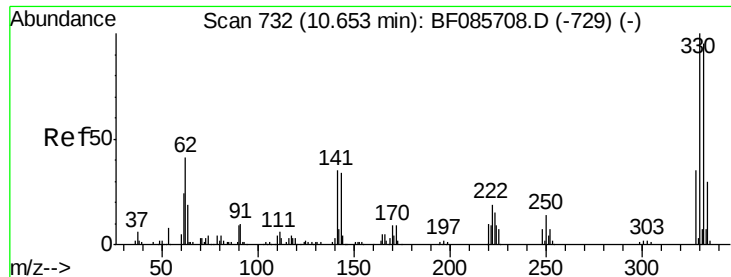
Tgt Ion:142 Resp: 70181
Ion Ratio Lower Upper
142 100
141 90.6 71.6 107.4
115 36.2 26.8 40.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF085796.D
Acq: 28 Mar 2016 12:39

Tgt Ion:164 Resp: 215916
Ion Ratio Lower Upper
164 100
162 102.2 82.1 123.1
160 46.5 37.4 56.2

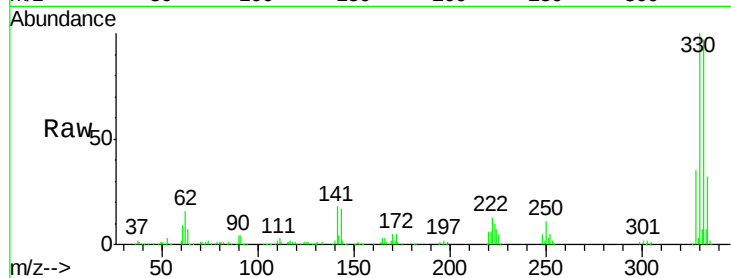




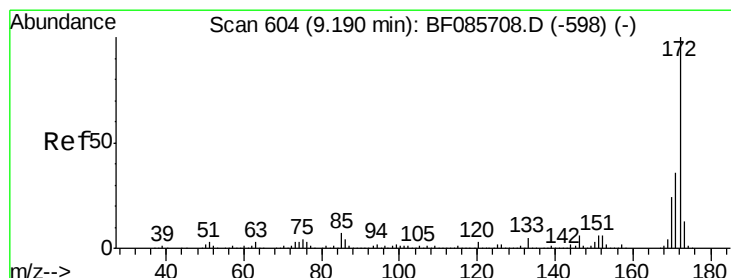
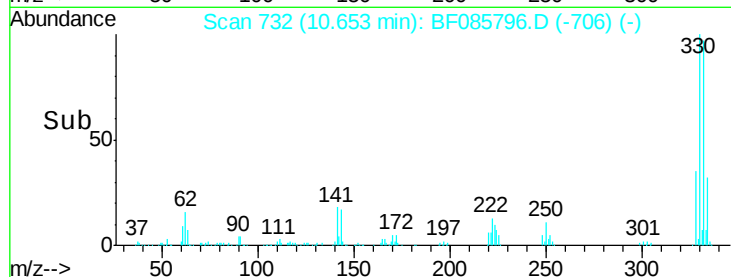
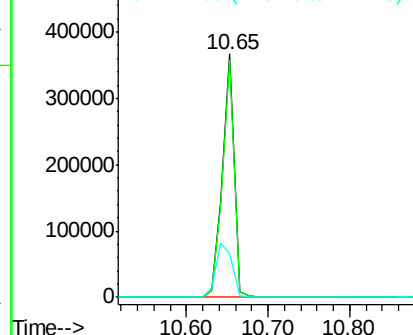
#41
 2,4,6-Tribromophenol
 Concen: 179.61 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085796.D
 Acq: 28 Mar 2016 12:39

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.2	117.2
141	31.0	31.5	47.3#

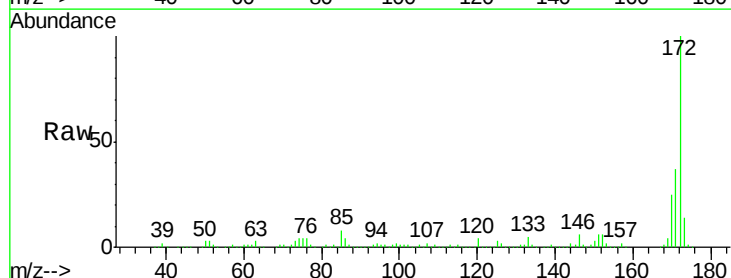


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

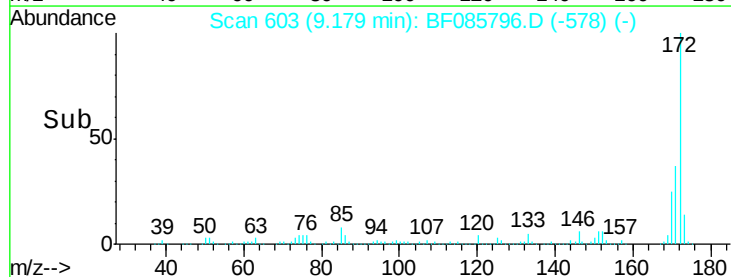
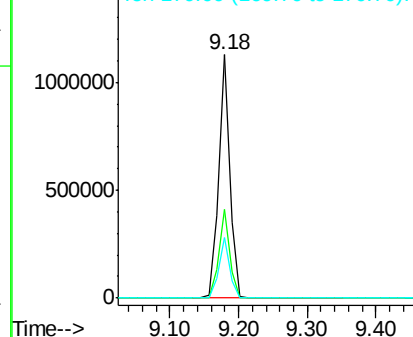


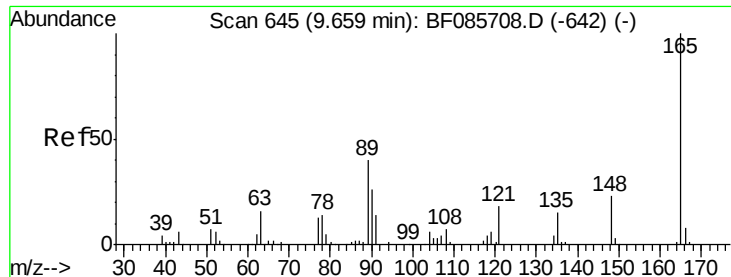
#44
 2-Fluorobiphenyl
 Concen: 100.61 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085796.D
 Acq: 28 Mar 2016 12:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.2
170	24.7	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: 7.93 ng

RT: 9.85 min Scan# 662

Delta R.T. 0.19 min

Lab File: BF085796.D

Acq: 28 Mar 2016 12:39

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-14A

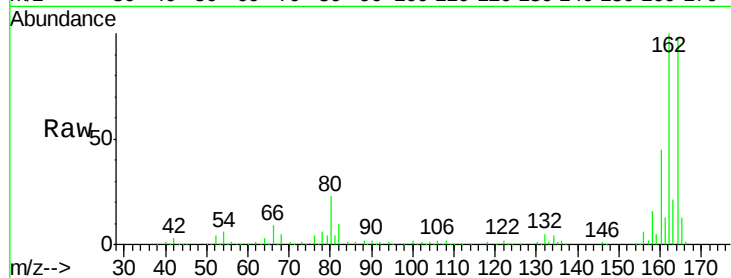
Tgt Ion:165 Resp: 27962

Ion Ratio Lower Upper

165 100

63 1.0 51.8 77.8#

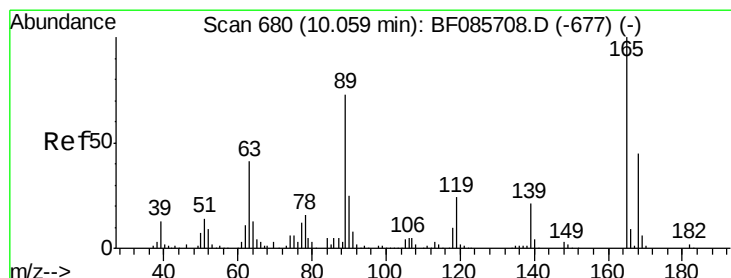
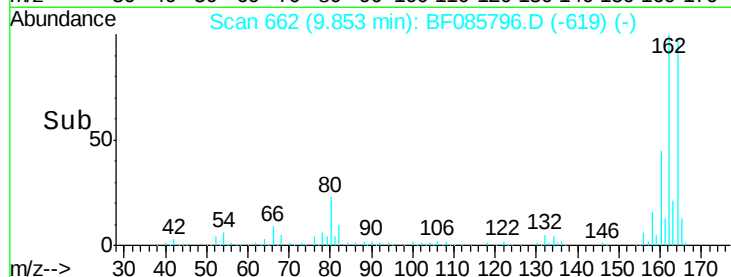
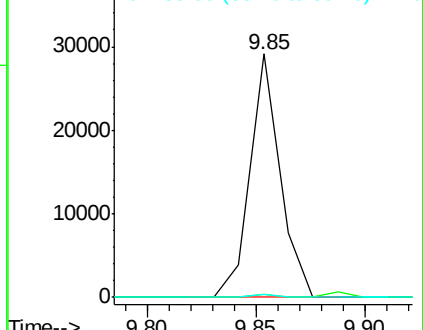
89 1.4 53.7 80.5#



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



#56

2,4-Dinitrotoluene

Concen: 6.24 ng

RT: 9.85 min Scan# 662

Delta R.T. -0.21 min

Lab File: BF085796.D

Acq: 28 Mar 2016 12:39

Tgt Ion:165 Resp: 27962

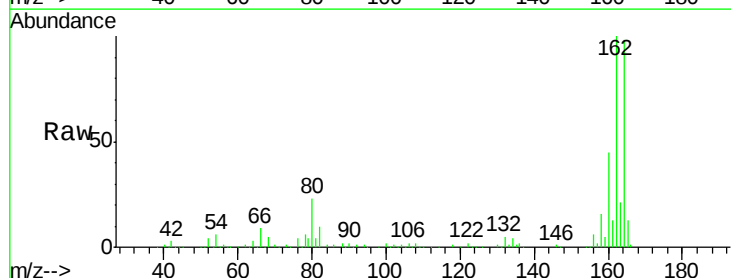
Ion Ratio Lower Upper

165 100

63 1.0 24.9 37.3#

89 1.4 41.0 61.6#

182 0.0 2.1 3.1#

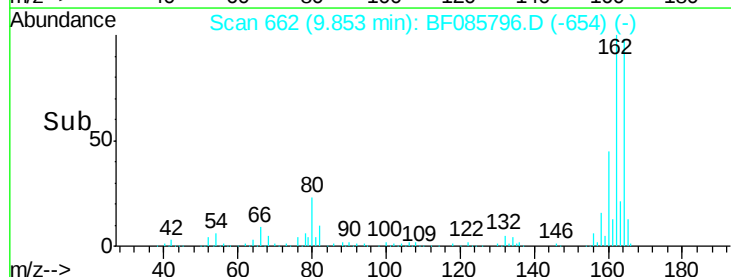
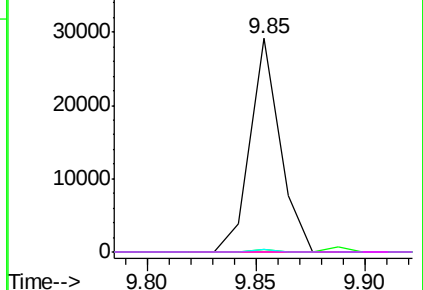


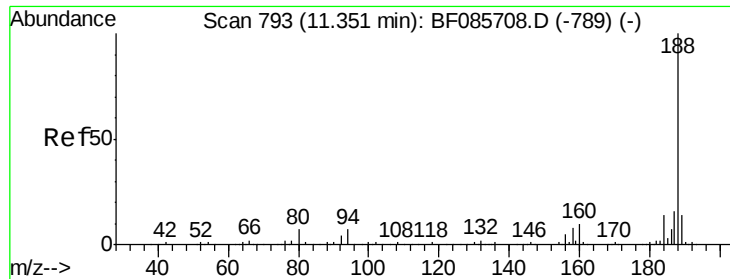
Abundance Ion 165.00 (164.70 to 165.70): E

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

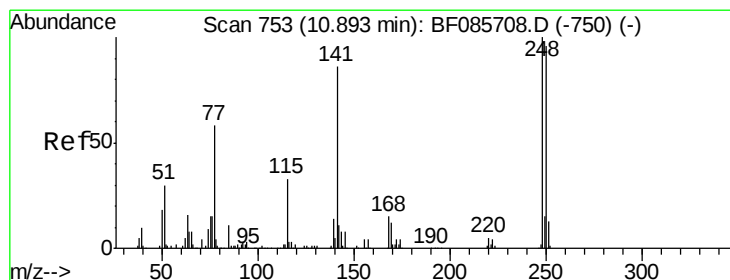
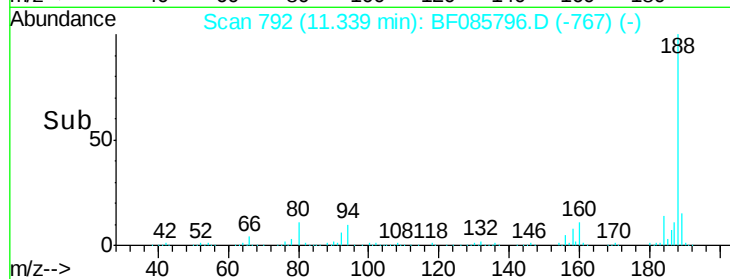
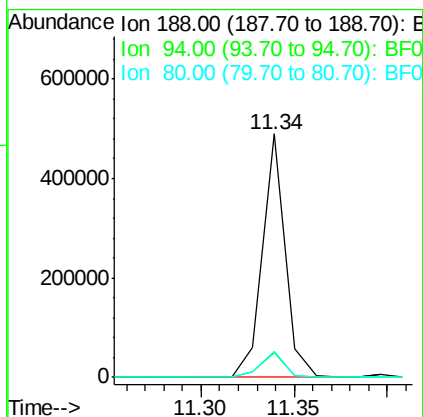
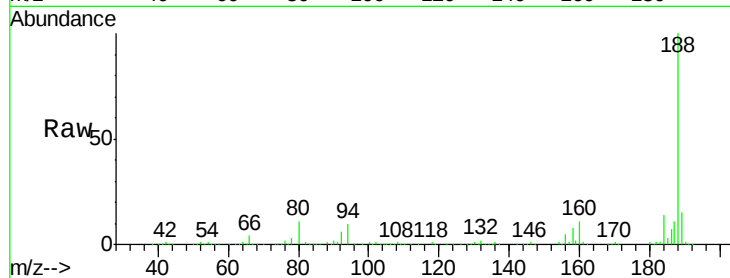




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085796.D
Acq: 28 Mar 2016 12:39

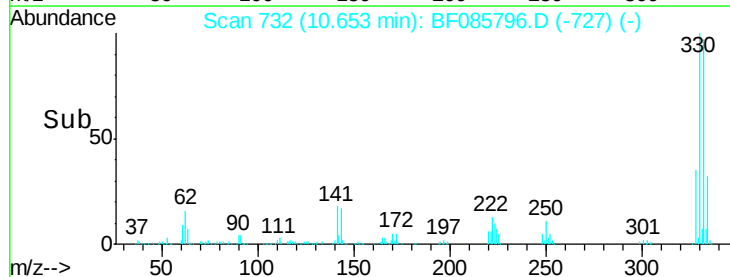
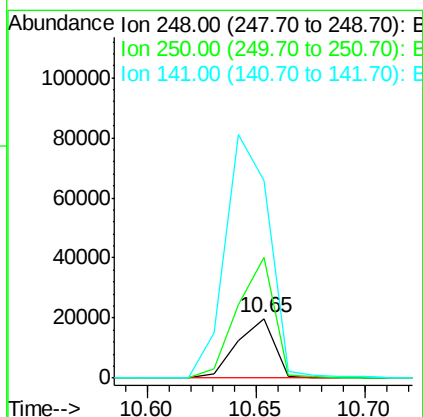
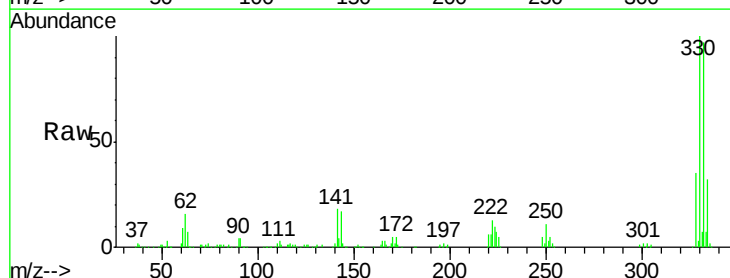
Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-14A

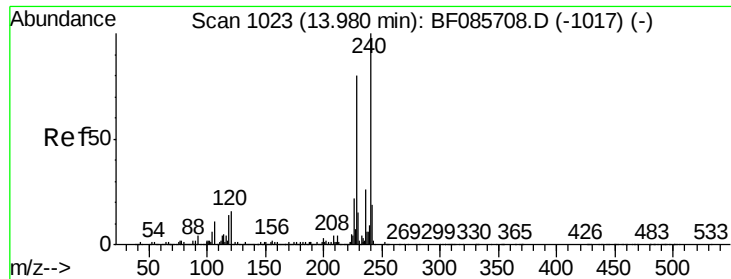
Tgt Ion:188 Resp: 419842
Ion Ratio Lower Upper
188 100
94 10.1 5.4 8.0#
80 10.9 5.5 8.3#



#66
4-Bromophenyl-phenylether
Concen: 5.45 ng
RT: 10.65 min Scan# 732
Delta R.T. -0.24 min
Lab File: BF085796.D
Acq: 28 Mar 2016 12:39

Tgt Ion:248 Resp: 23392
Ion Ratio Lower Upper
248 100
250 204.7 77.4 116.0#
141 332.7 63.6 95.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF085796.D

Acq: 28 Mar 2016 12:39

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-14A

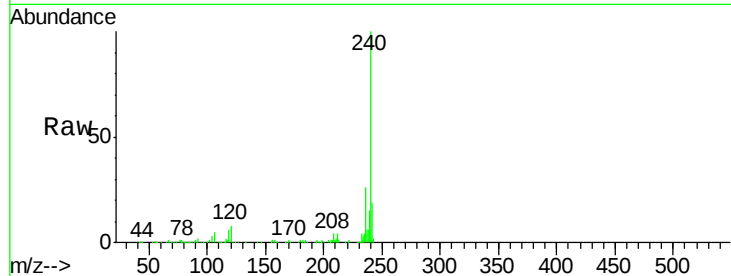
Tgt Ion:240 Resp: 314882

Ion Ratio Lower Upper

240 100

120 7.6 13.8 20.8#

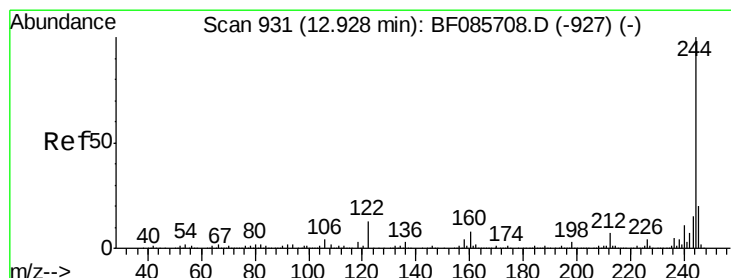
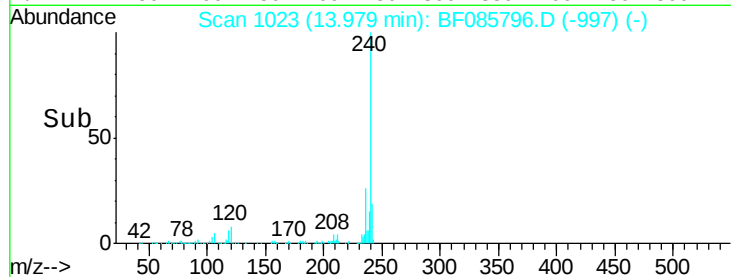
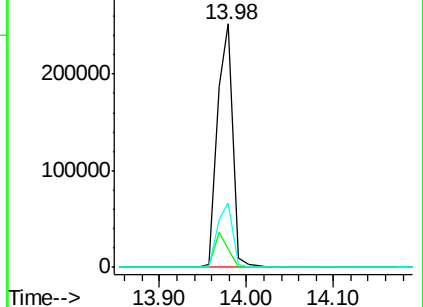
236 26.4 20.6 30.8



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: 80.74 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF085796.D

Acq: 28 Mar 2016 12:39

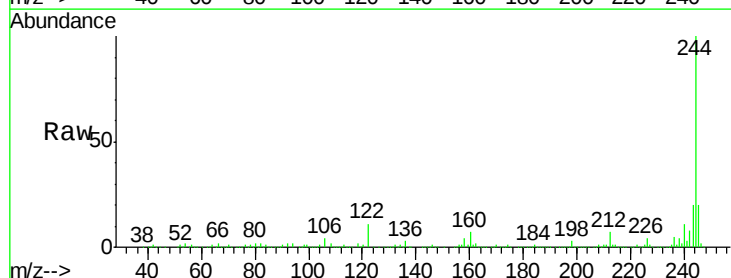
Tgt Ion:244 Resp: 1236221

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

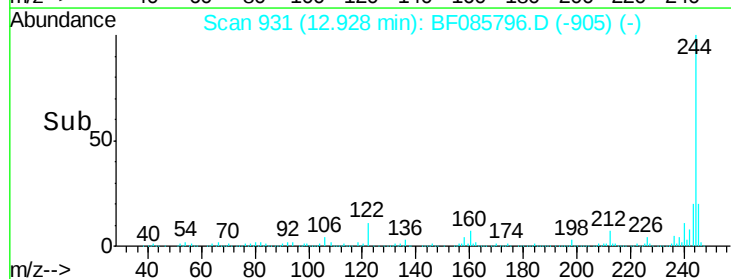
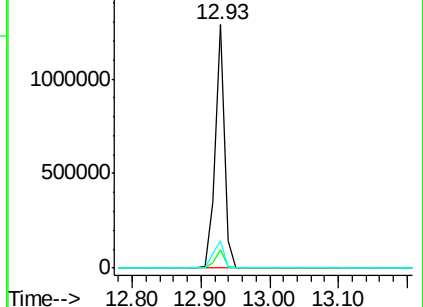
122 11.5 10.2 15.4

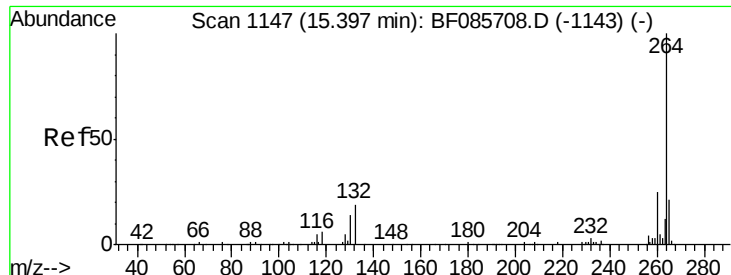


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



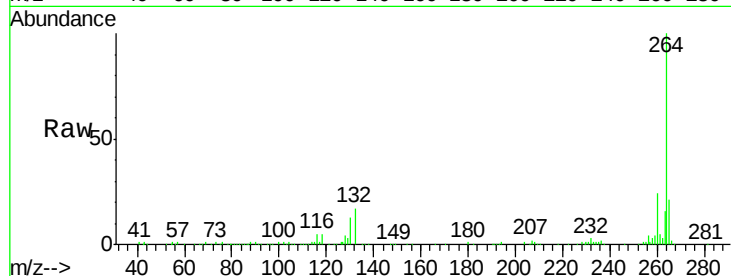


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF085796.D
Acq: 28 Mar 2016 12:39

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

Tgt Ion: 264 Resp: 210429

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	20.8	17.2	25.8



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

