

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 28 15:42:47 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

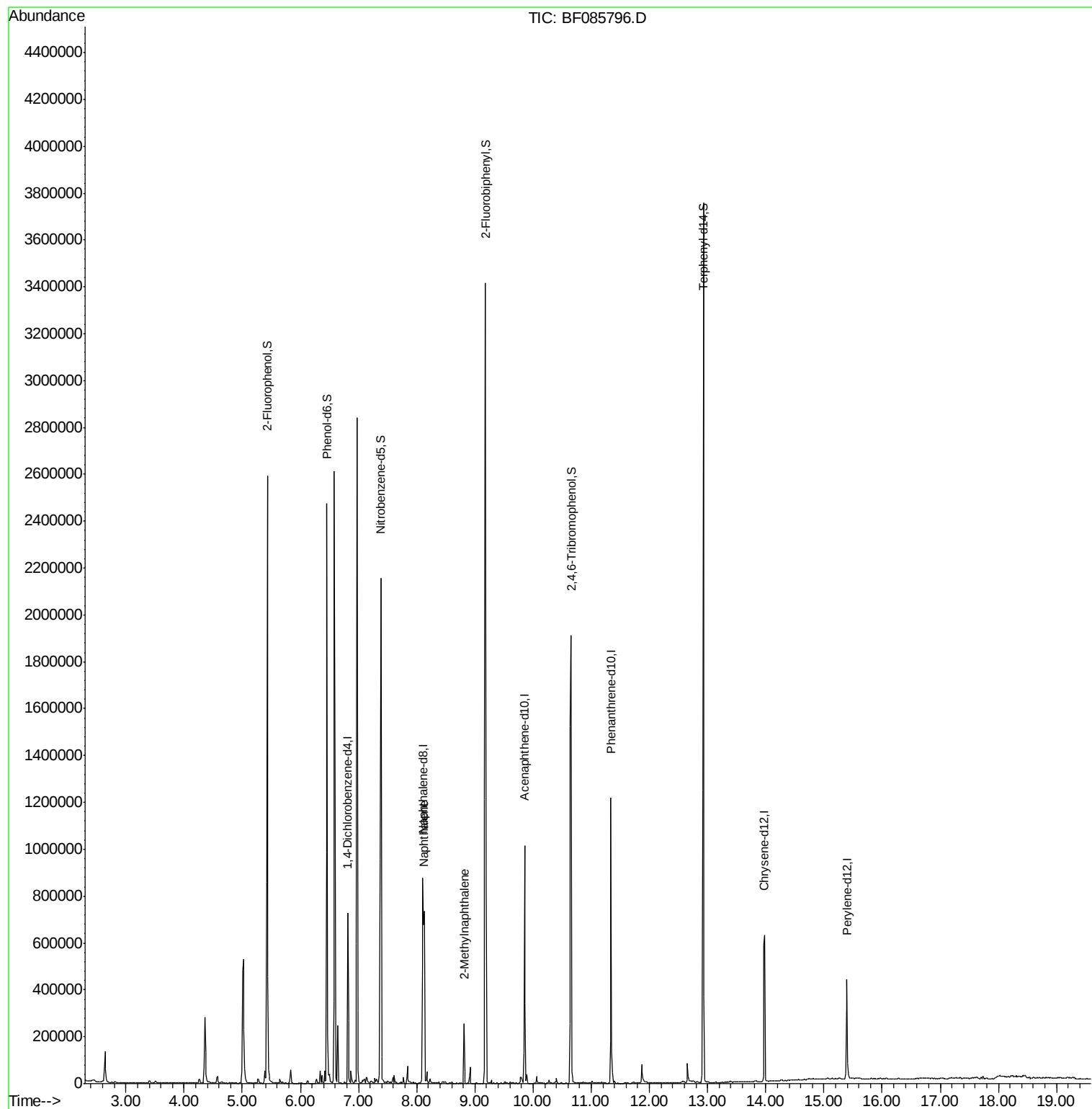
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	115139	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	477998	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	215916	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	419842	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	314882	20.00	ng	0.00
86) Perylene-d12	15.40	264	210429	20.00	ng	0.00
System Monitoring Compounds						
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						Qvalue
31) Naphthalene	8.13	128	498727	20.71	ng	99
37) 2-Methylnaphthalene	8.81	142	70181	3.12	ng	98

(#) = 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

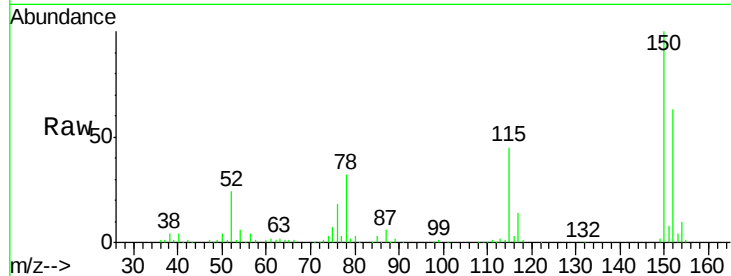
Tgt Ion:152 Resp: 115139

Ion Ratio Lower Upper

152 100

150 159.9 124.2 186.2

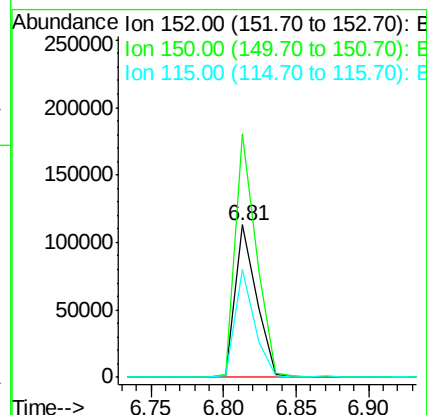
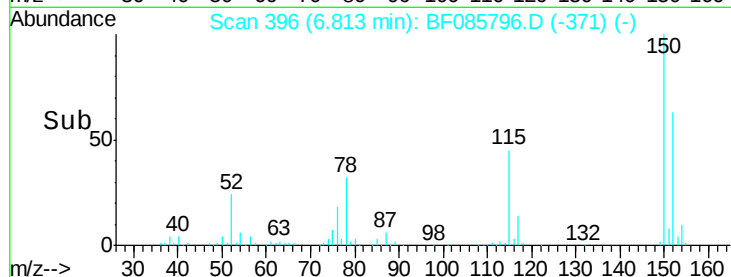
115 71.2 47.0 70.6#



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

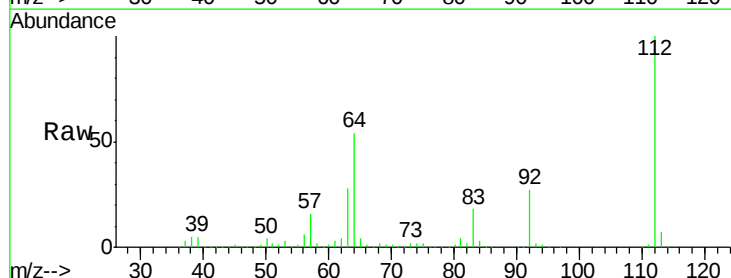
Tgt Ion:112 Resp: 848877

Ion Ratio Lower Upper

112 100

64 54.3 39.9 59.9

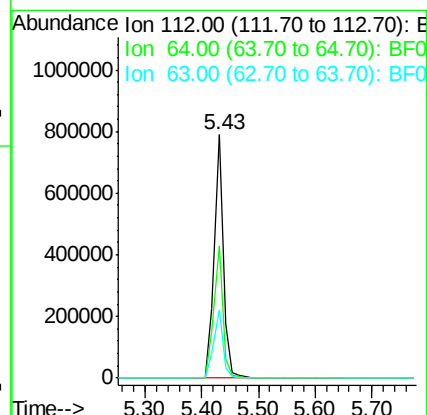
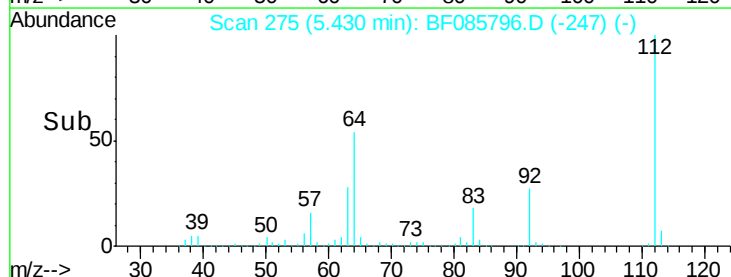
63 28.1 20.2 30.2



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

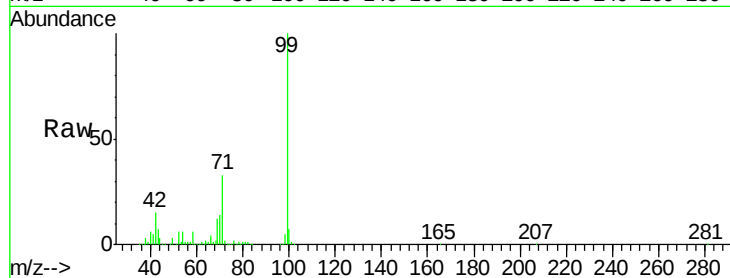
Tgt Ion: 99 Resp: 986719

Ion Ratio Lower Upper

99 100

42 15.2 11.1 16.7

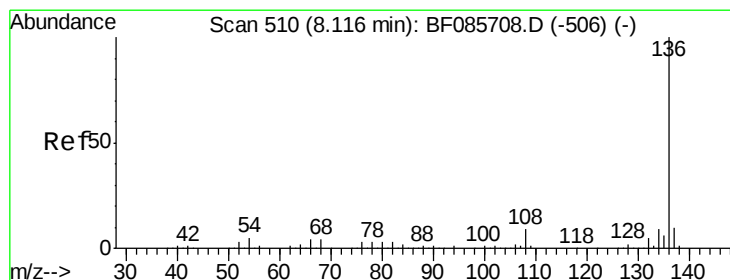
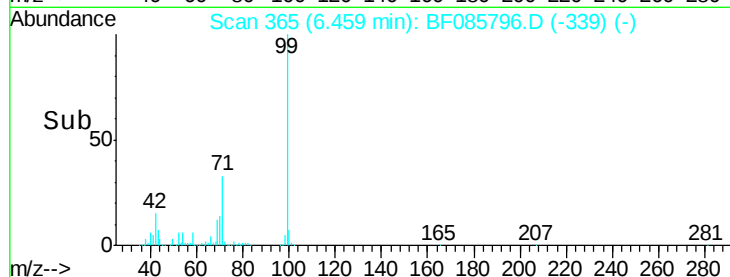
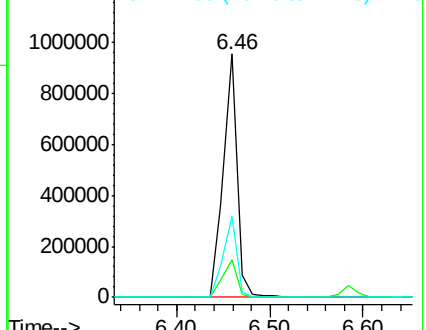
71 33.3 24.9 37.3



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



#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

Tgt Ion: 136 Resp: 477998

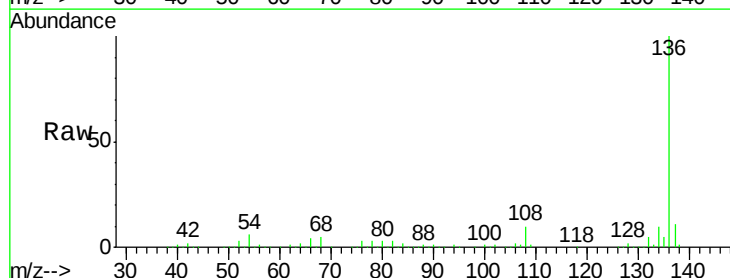
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 5.7 7.4 11.0#

68 4.9 5.8 8.8#

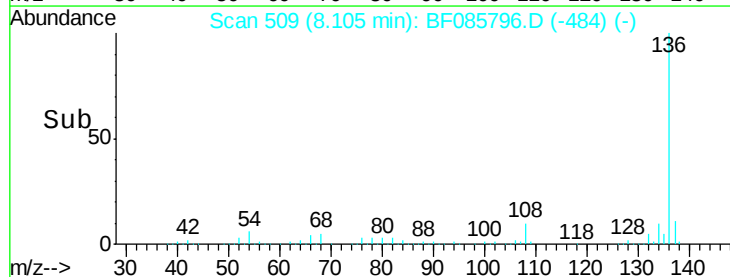
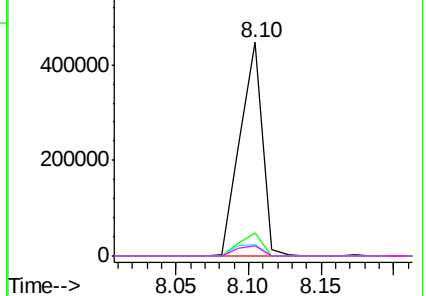


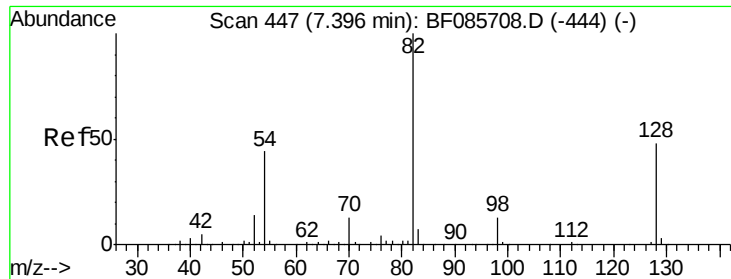
Abundance Ion 136.00 (135.70 to 136.70): E

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

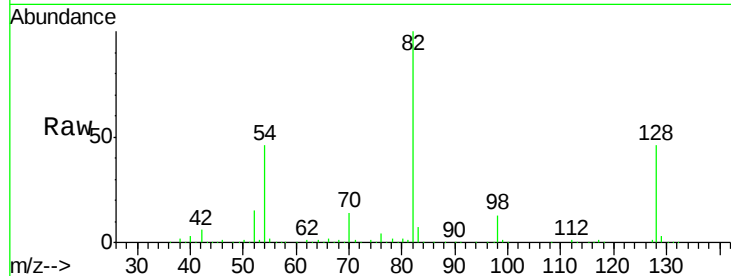




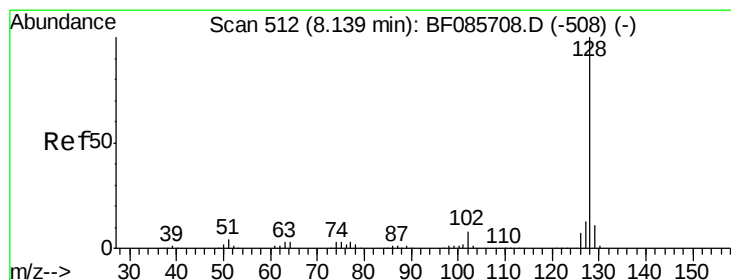
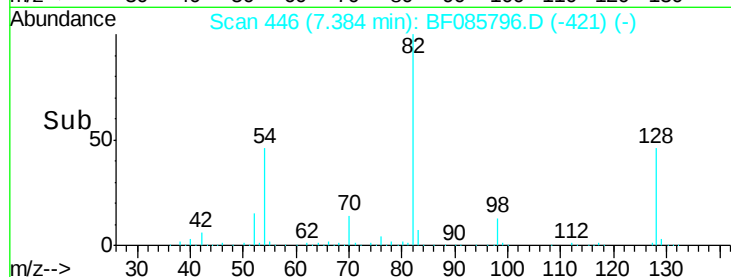
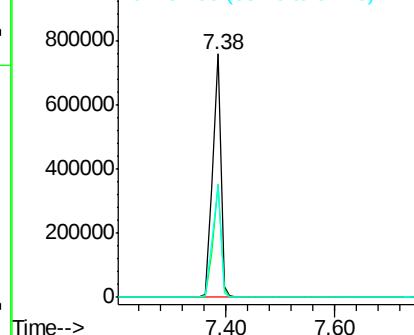
#23
Nitrobenzene-d5
Concen: 93.93 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085796.D
Acq: 28 Mar 2016 12:39

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

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

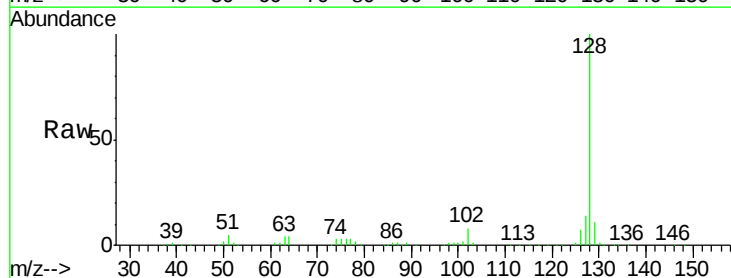


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

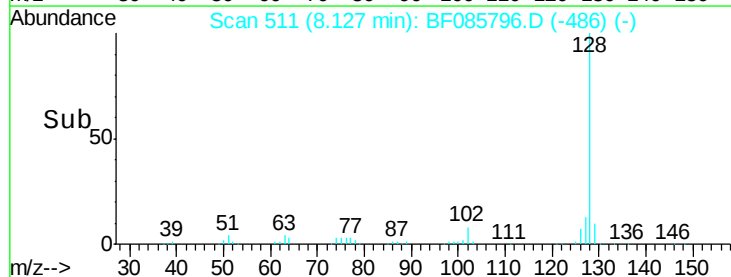
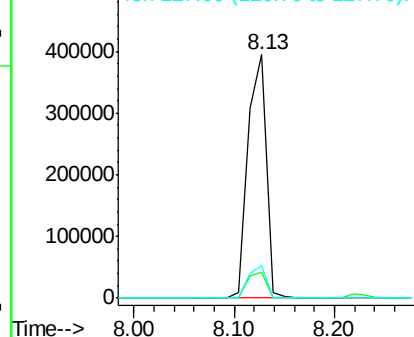


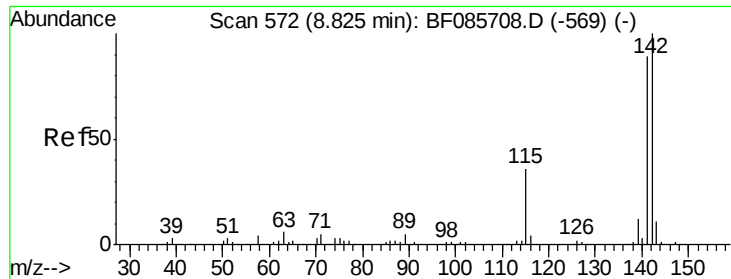
#31
Naphthalene
Concen: 20.71 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF085796.D
Acq: 28 Mar 2016 12:39

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



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

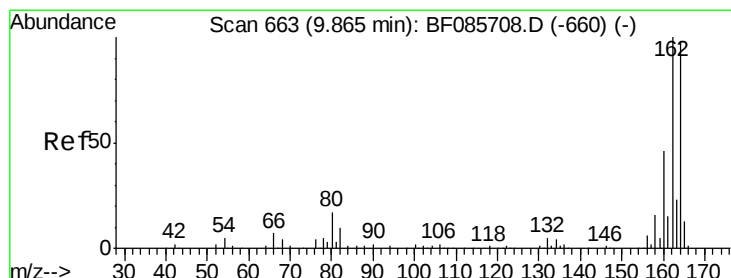
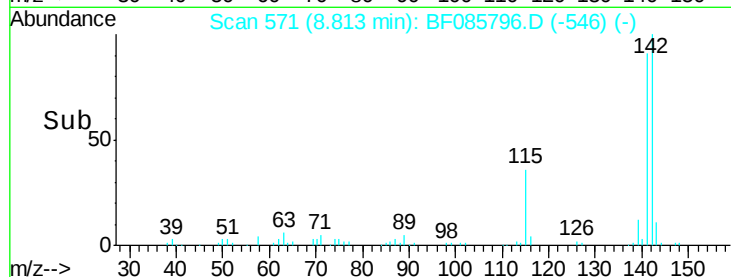
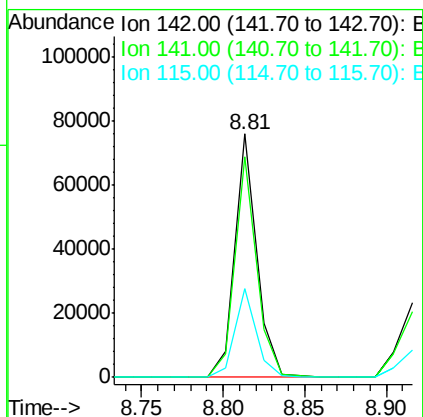
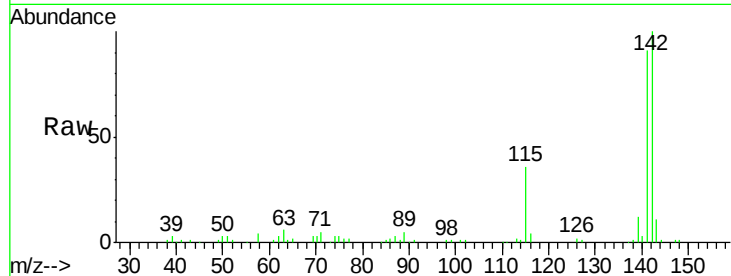




#37
 2-Methylnaphthalene
 Concen: 3.12 ng
 RT: 8.81 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF085796.D
 Acq: 28 Mar 2016 12:39

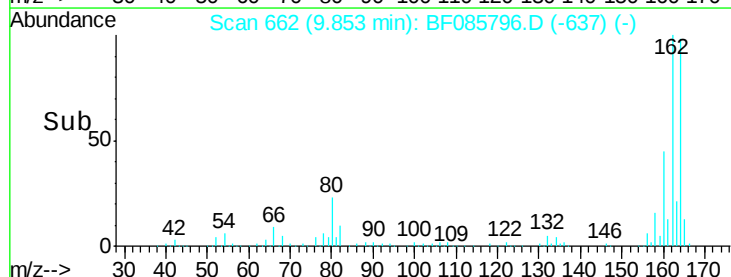
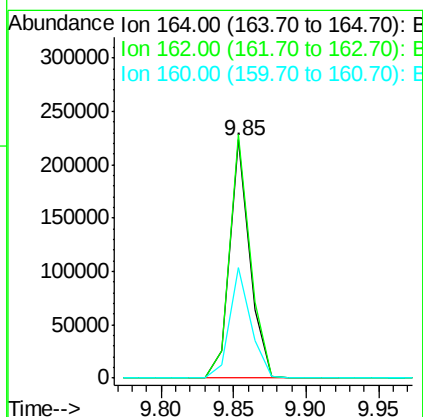
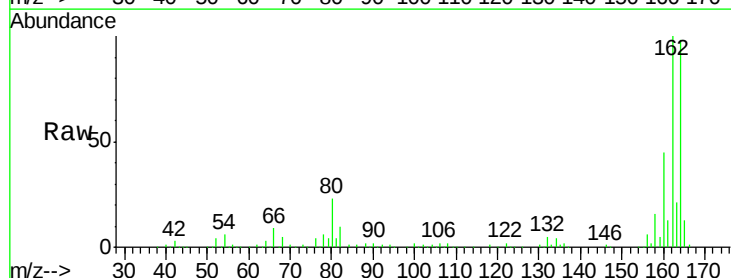
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 ClientSampleId :
 TRACK-D-GRID-14A

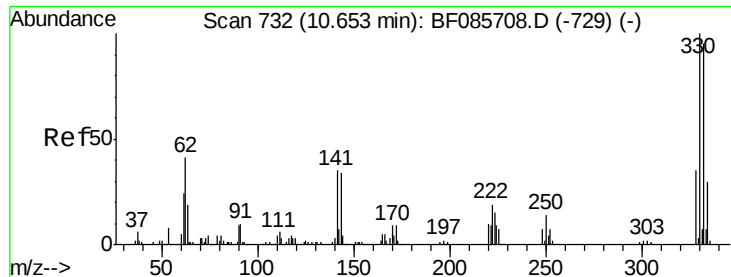
Tgt Ion:142 Resp: 70181
 Ion Ratio Lower Upper
 142 100
 141 90.6 71.6 107.4
 115 36.2 26.8 40.2



#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

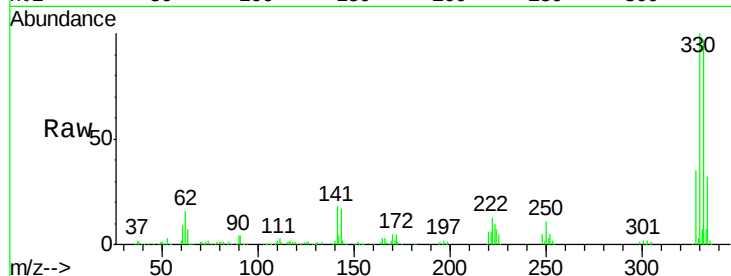




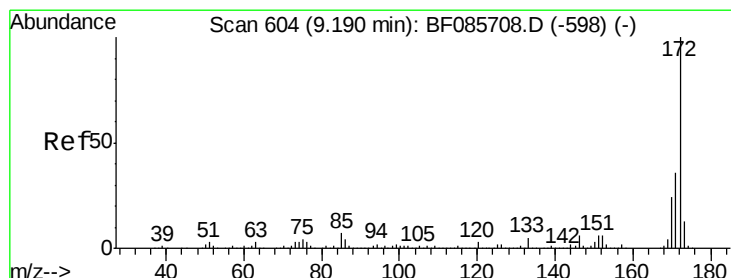
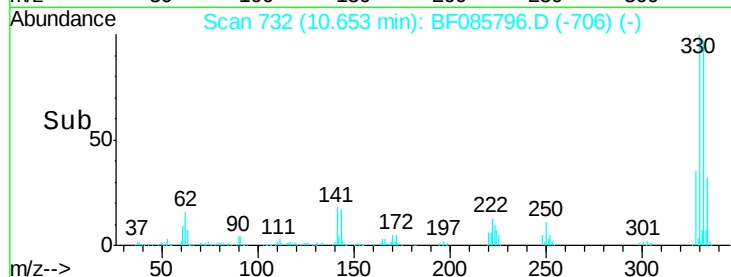
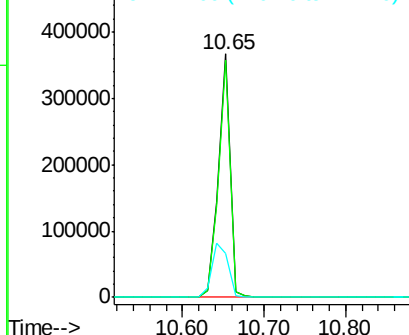
#41
 2,4,6-Tribromophenol
 Concen: 179.61 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085796.D
 Acq: 28 Mar 2016 12:39

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

Tgt Ion:330 Resp: 368454
 Ion Ratio Lower Upper
 330 100
 332 97.1 78.2 117.2
 141 31.0 31.5 47.3#

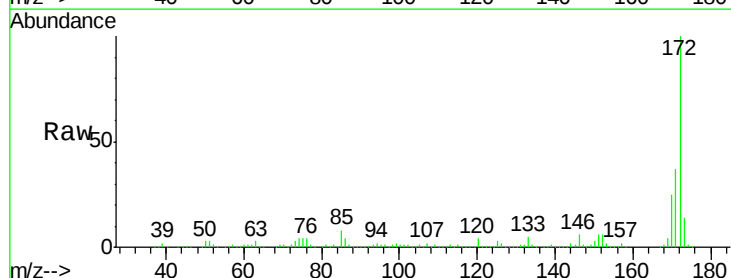


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

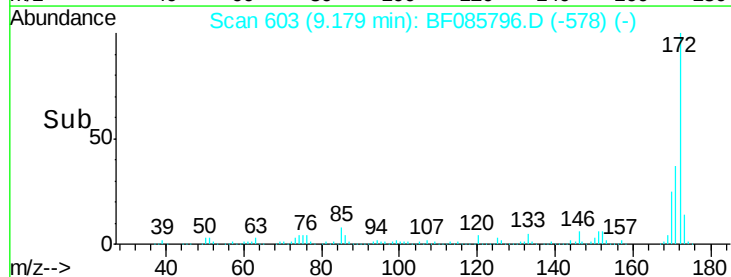
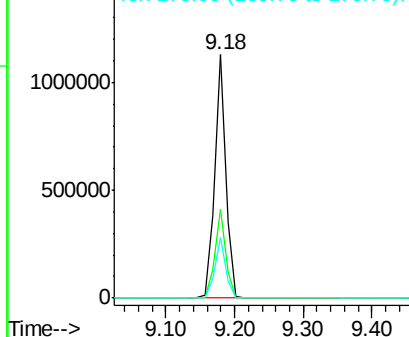


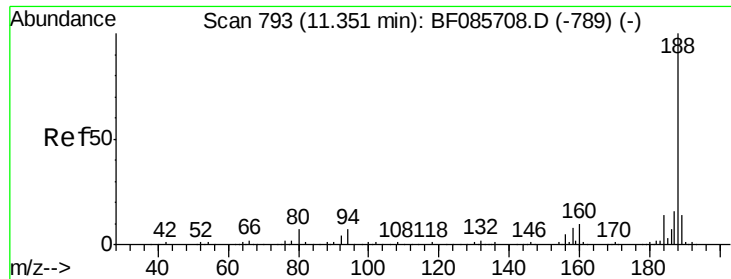
#44
 2-Fluorobiphenyl
 Concen: 100.61 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085796.D
 Acq: 28 Mar 2016 12:39

Tgt Ion:172 Resp: 1300152
 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

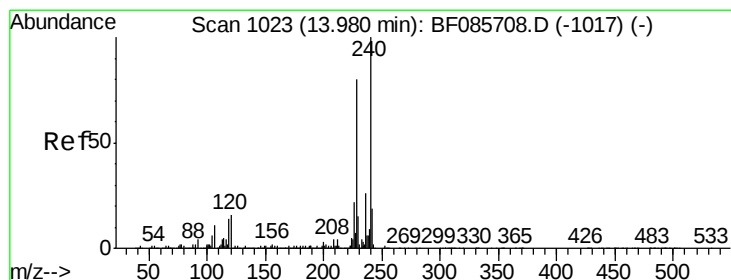
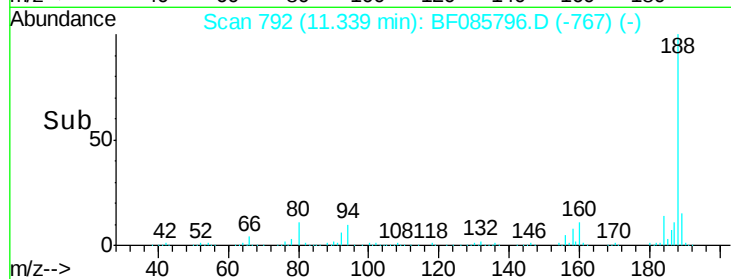
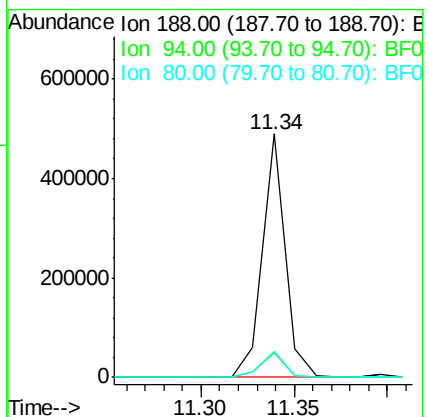
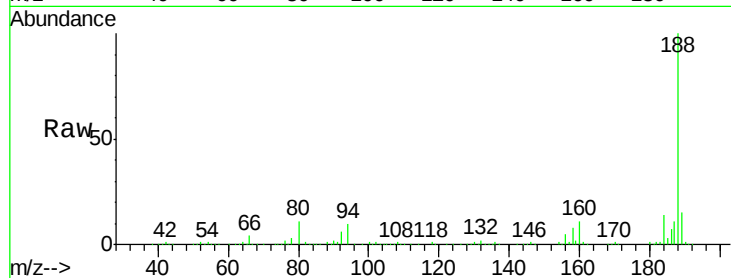




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085796.D
Acq: 28 Mar 2016 12:39

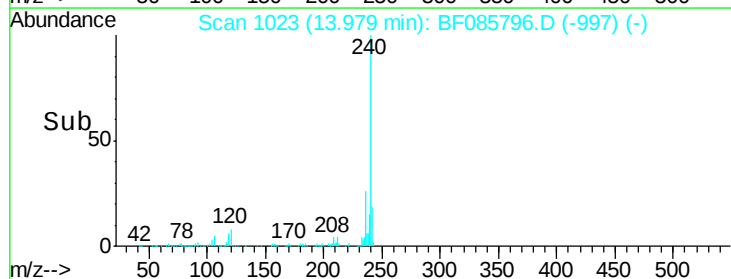
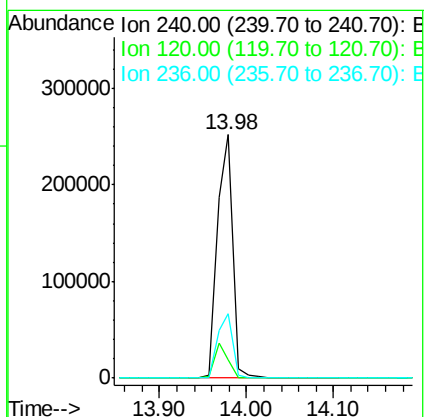
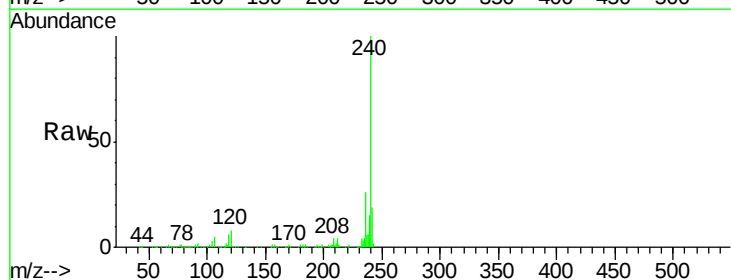
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TRACK-D-GRID-14A

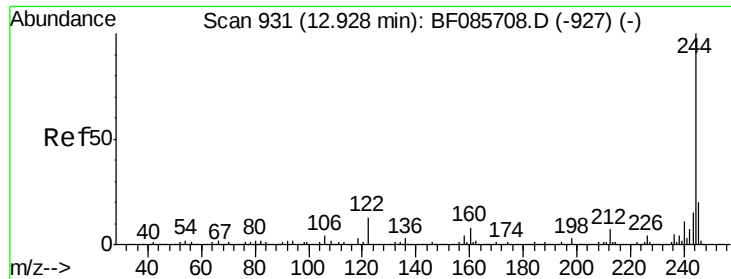
Tgt Ion:188 Resp: 419842
Ion Ratio Lower Upper
188 100
94 10.1 5.4 8.0#
80 10.9 5.5 8.3#



#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

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

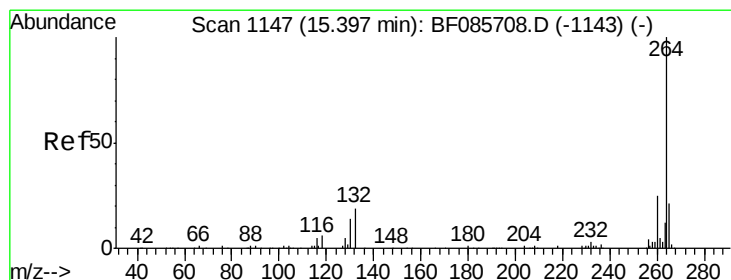
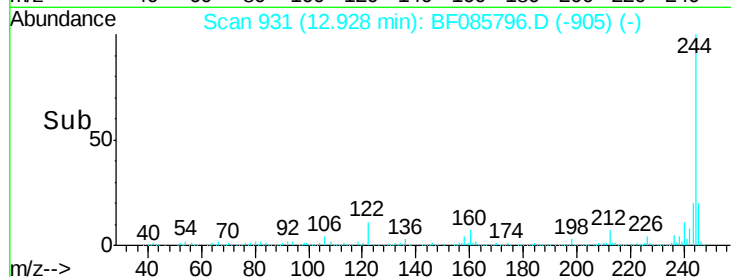
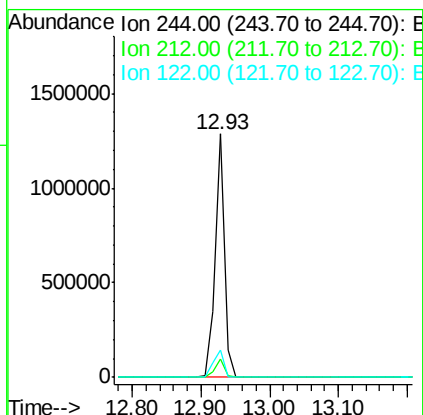
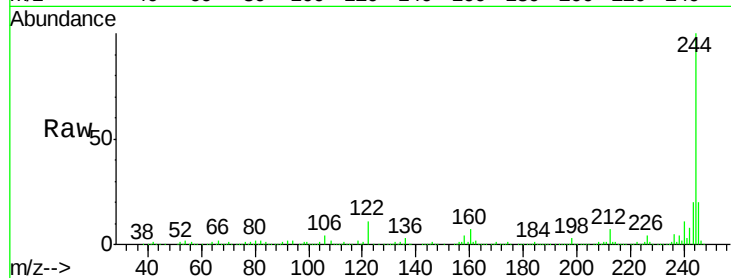




#78
 Terphenyl-d14
 Concen: 80.74 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF085796.D
 Acq: 28 Mar 2016 12:39

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

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



#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

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

