

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 28 15:44:29 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

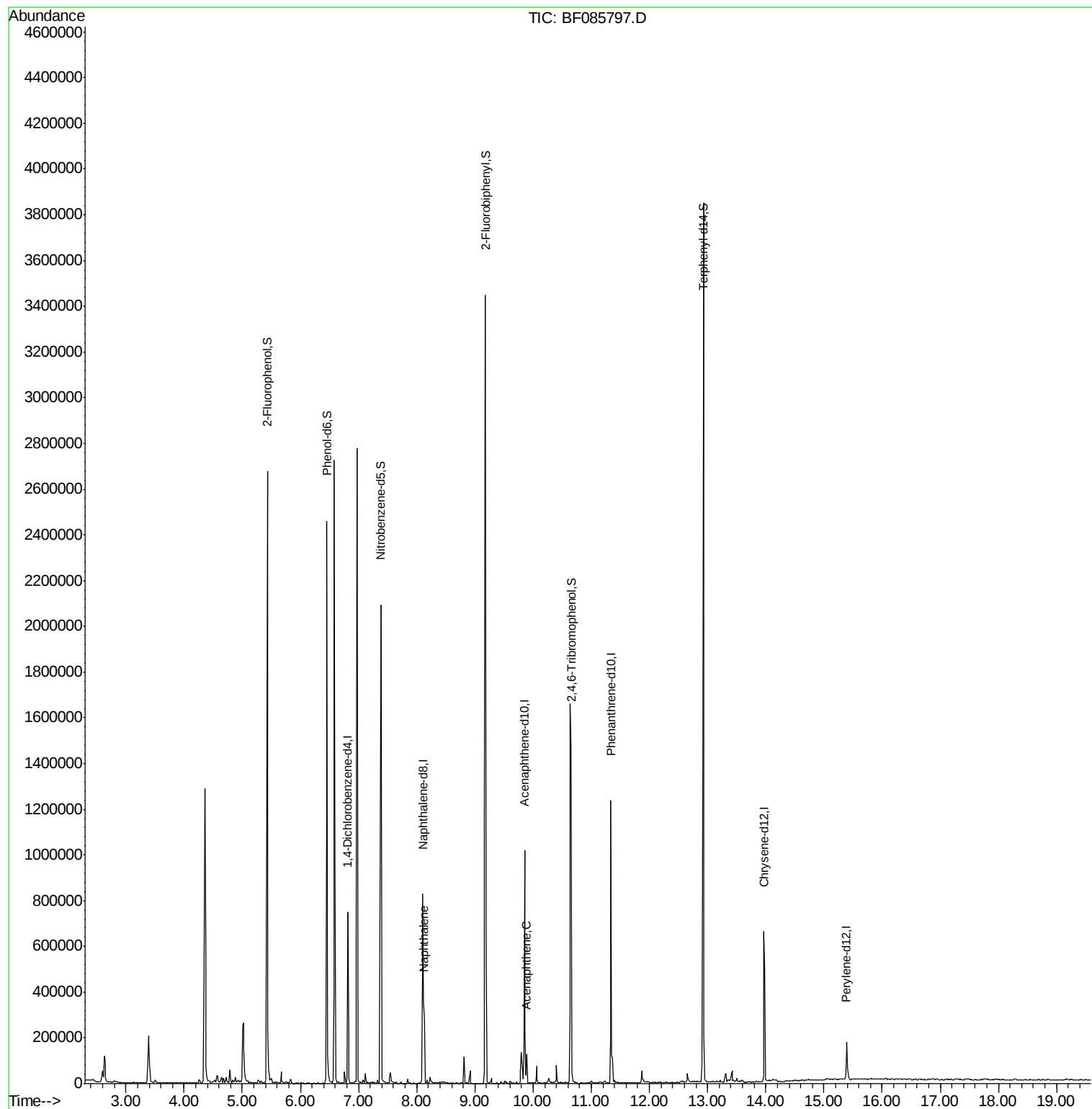
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	114033	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	468126	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	194575	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	418353	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	286848	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						
31) Naphthalene	8.13	128	219757	9.32	ng	97
51) Acenaphthene	9.89	154	27238	2.27	ng	99

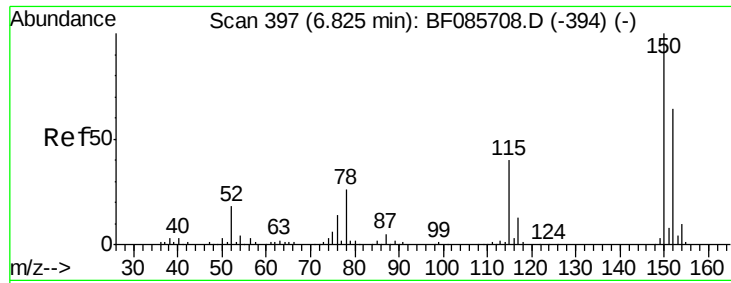
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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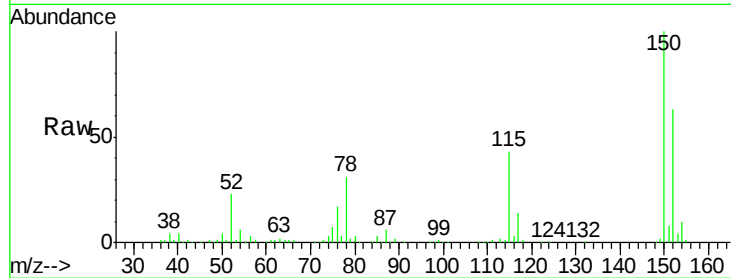


#1

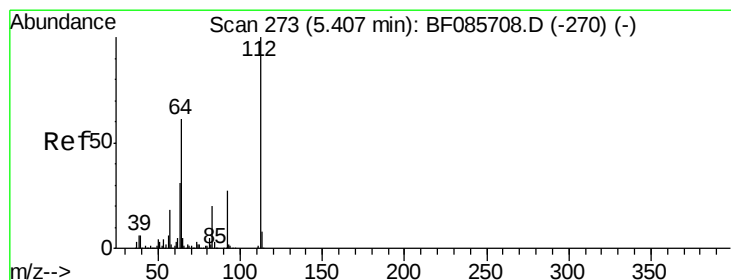
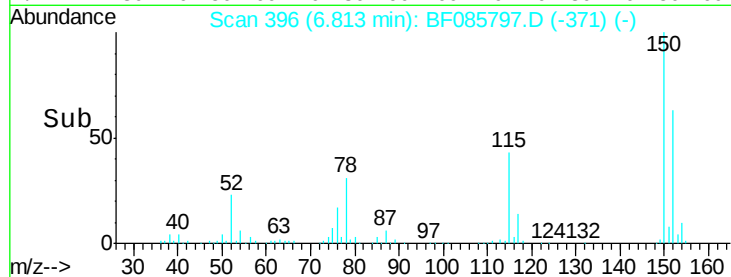
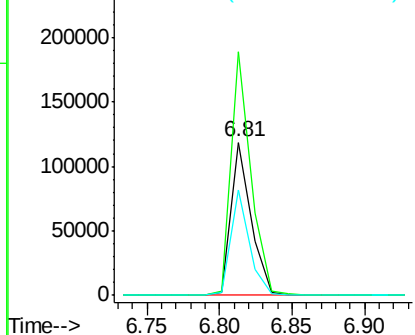
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BF085797.D
 Acq: 28 Mar 2016 13:07

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



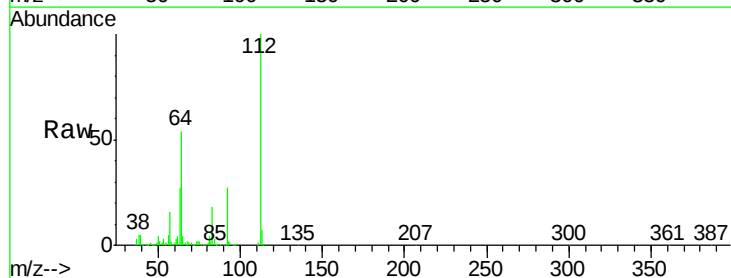
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



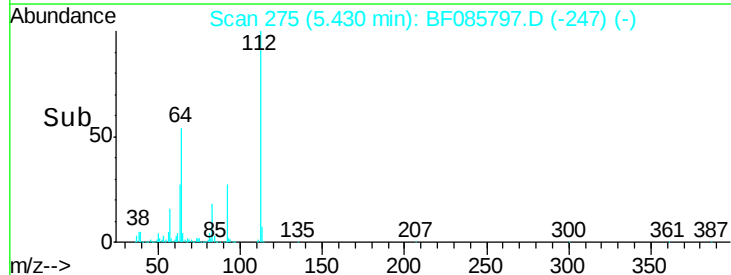
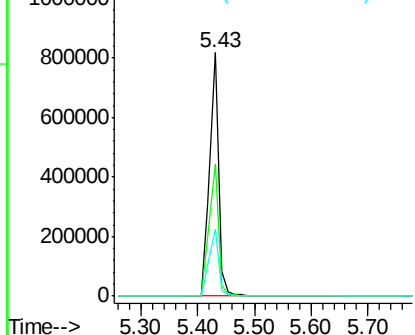
#5

2-Fluorophenol
 Concen: 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



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: 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

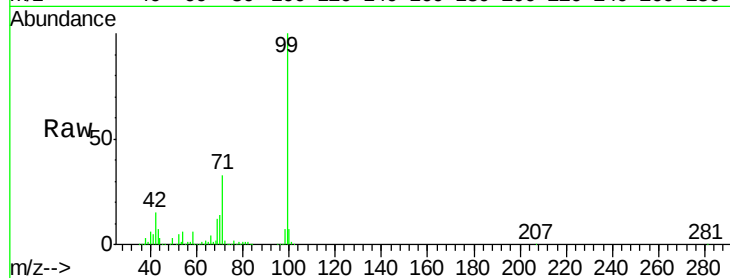
Tgt Ion: 99 Resp: 998430

Ion Ratio Lower Upper

99 100

42 15.3 11.1 16.7

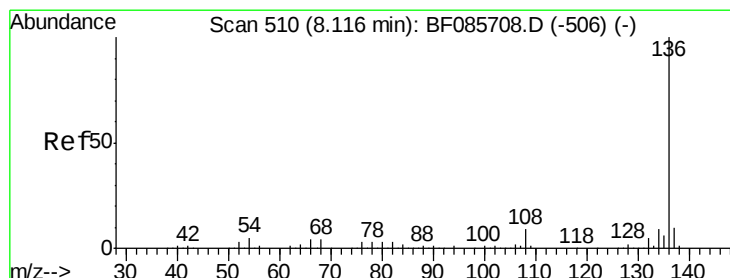
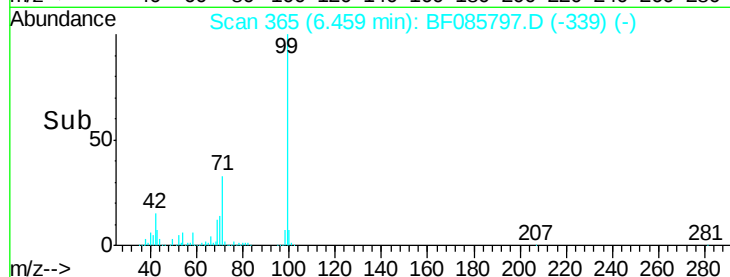
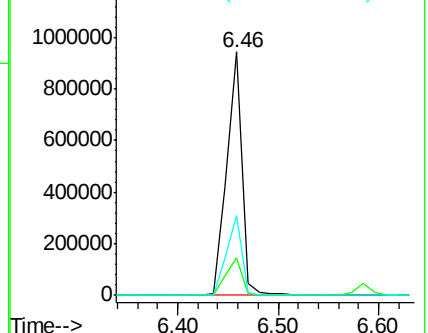
71 32.8 24.9 37.3



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



#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

Tgt Ion: 136 Resp: 468126

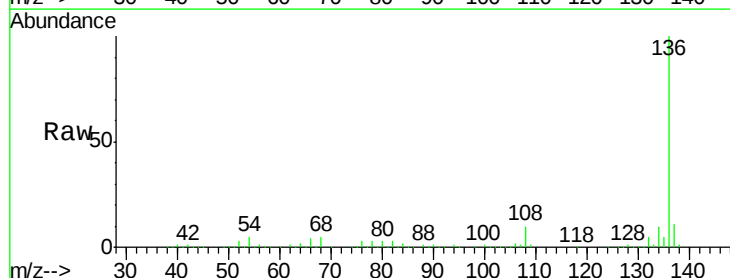
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 5.4 7.4 11.0#

68 4.6 5.8 8.8#

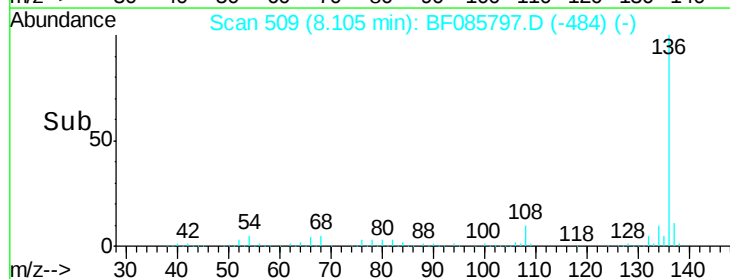
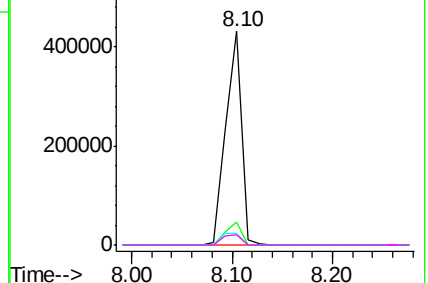


Abundance Ion 136.00 (135.70 to 136.70): E

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

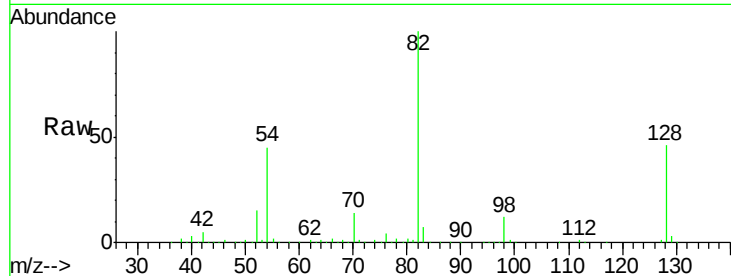




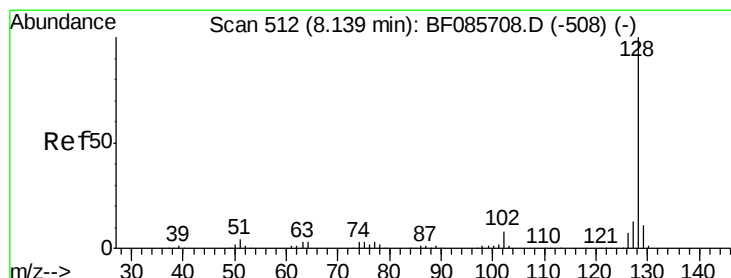
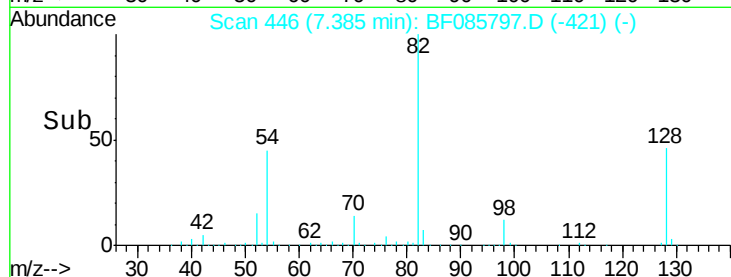
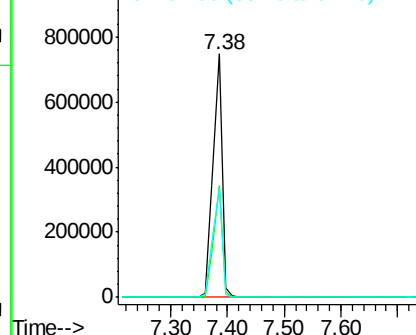
#23
 Nitrobenzene-d5
 Concen: 94.95 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085797.D
 Acq: 28 Mar 2016 13:07

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

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

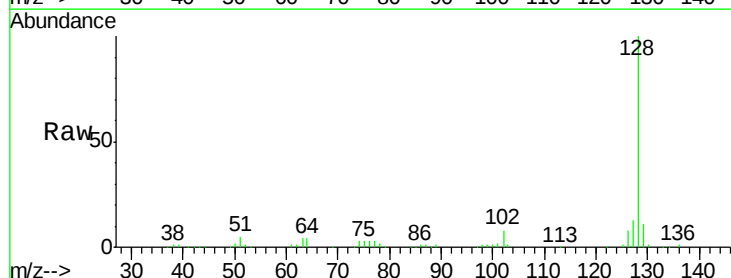


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

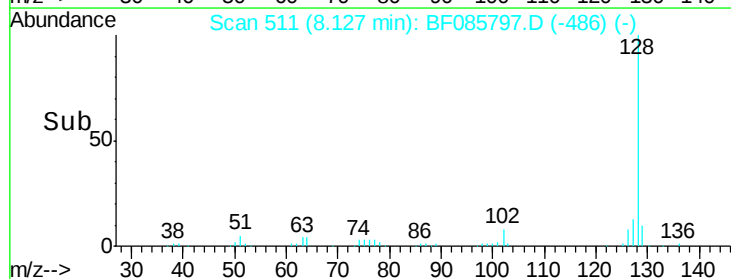
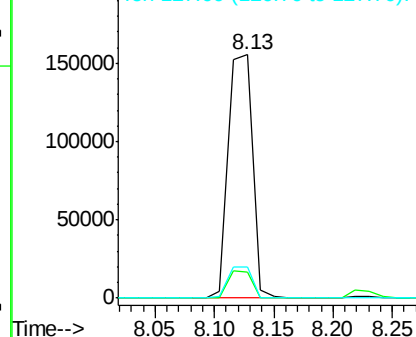


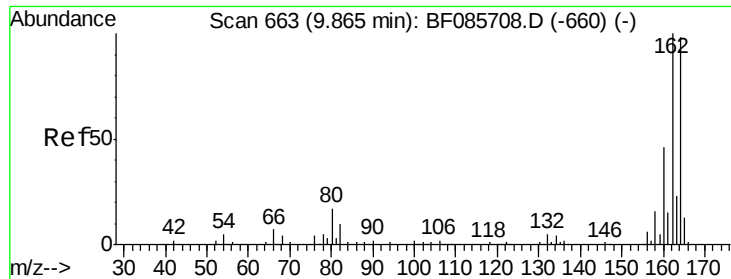
#31
 Naphthalene
 Concen: 9.32 ng
 RT: 8.13 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: BF085797.D
 Acq: 28 Mar 2016 13:07

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





#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

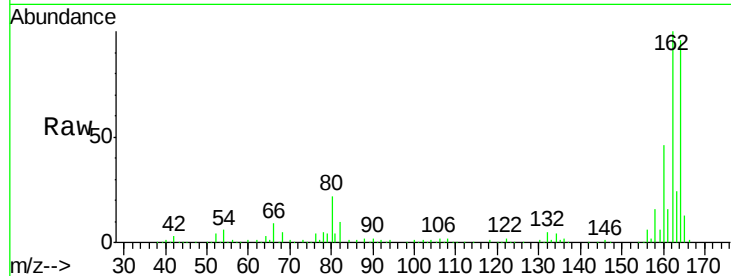
Tgt Ion:164 Resp: 194575

Ion Ratio Lower Upper

164 100

162 103.7 82.1 123.1

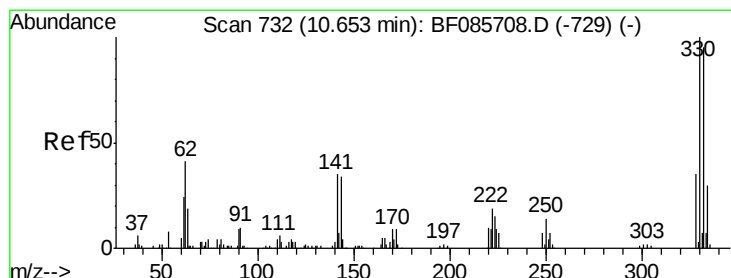
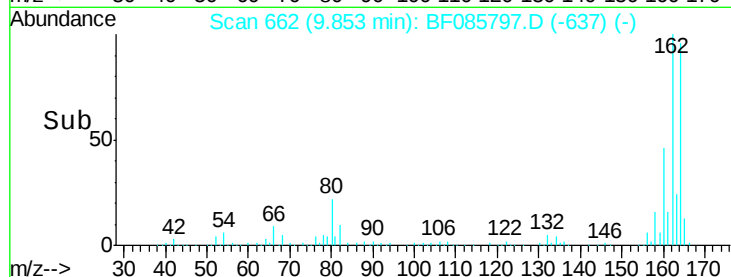
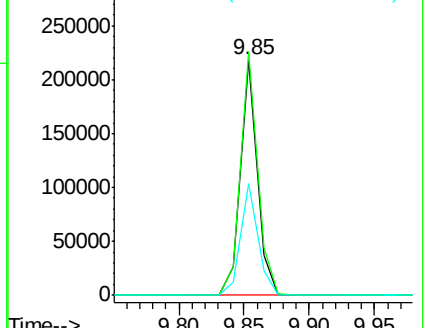
160 47.5 37.4 56.2



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

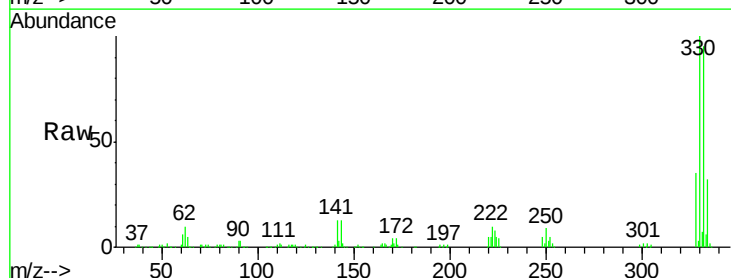
Tgt Ion:330 Resp: 351543

Ion Ratio Lower Upper

330 100

332 94.8 78.2 117.2

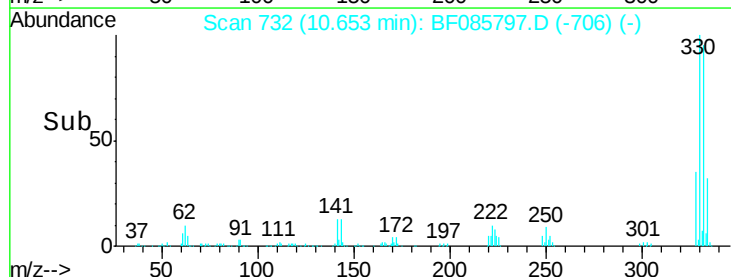
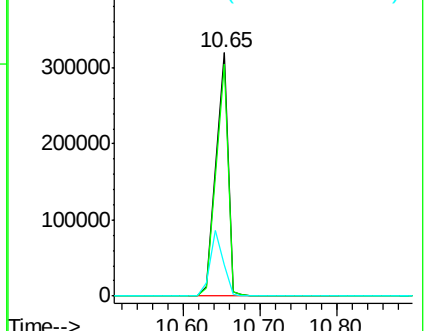
141 29.2 31.5 47.3#

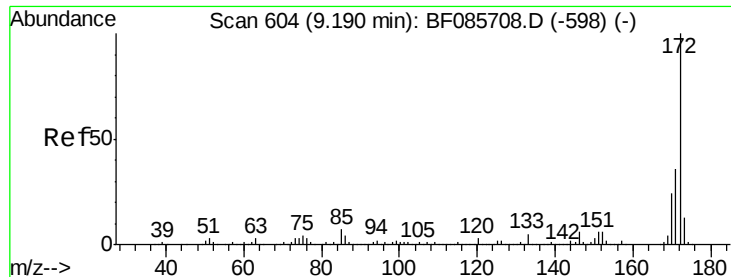


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

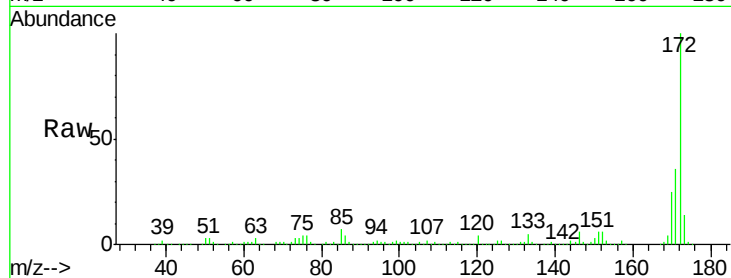




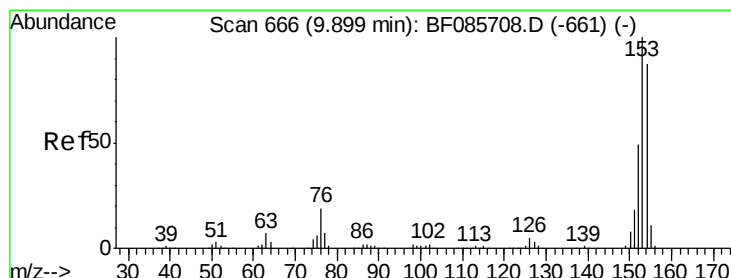
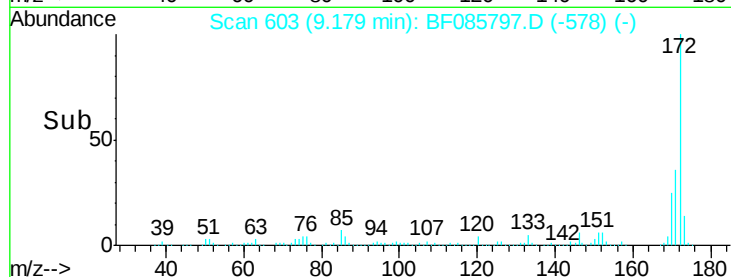
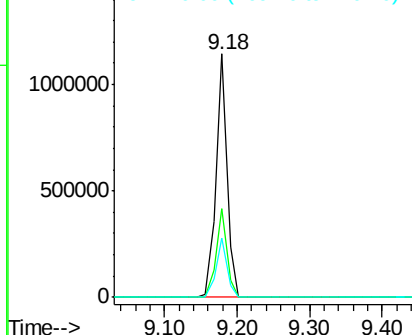
#44
 2-Fluorobiphenyl
 Concen: 103.98 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085797.D
 Acq: 28 Mar 2016 13:07

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

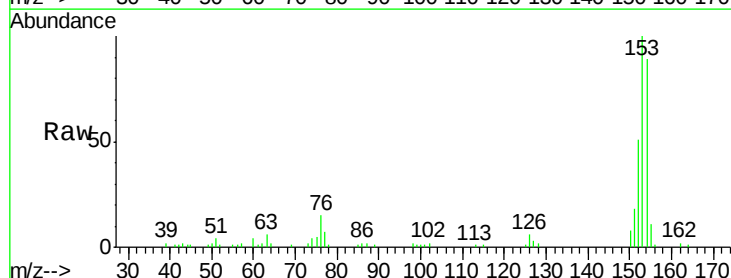


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

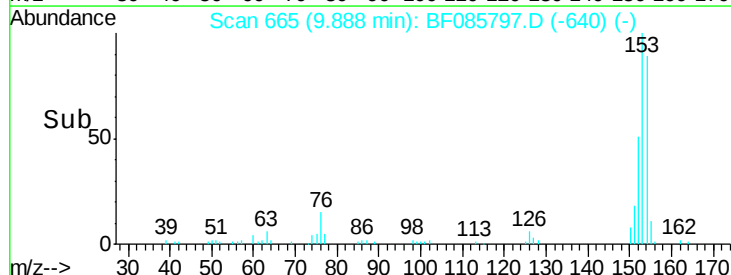
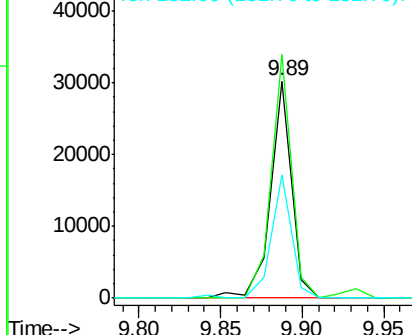


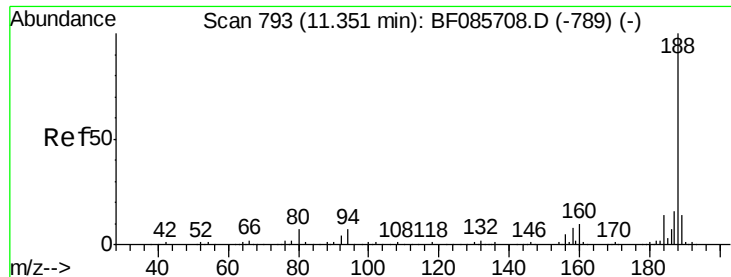
#51
 Acenaphthene
 Concen: 2.27 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF085797.D
 Acq: 28 Mar 2016 13:07

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

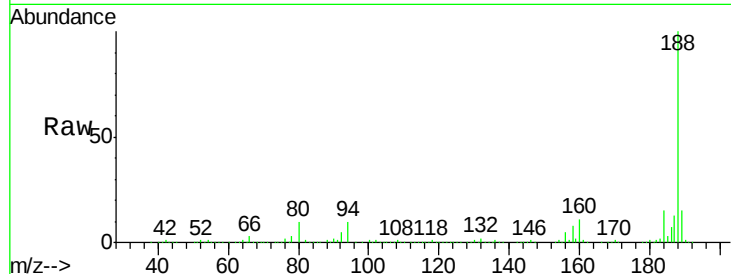




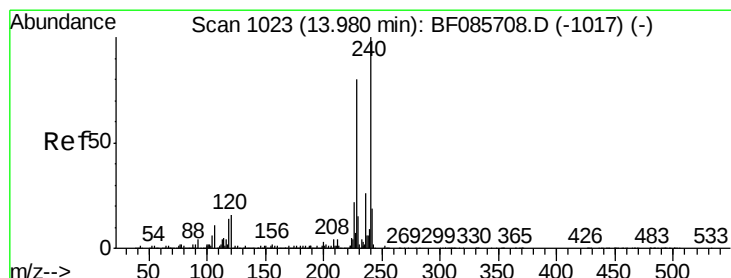
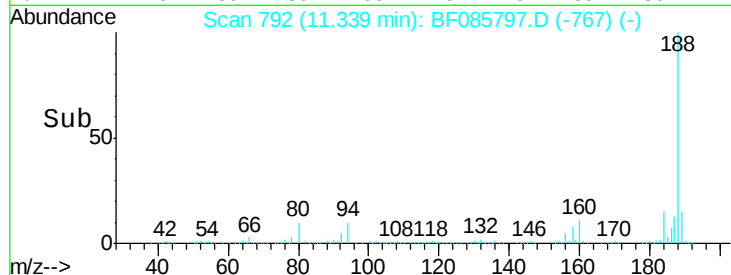
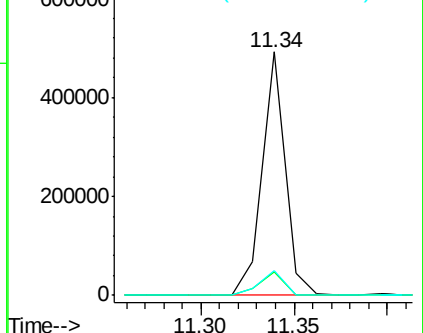
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085797.D
Acq: 28 Mar 2016 13:07

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

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#

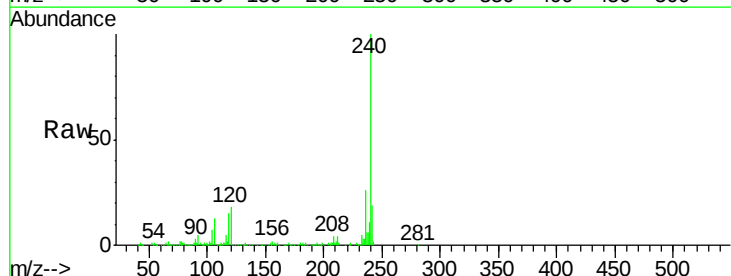


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

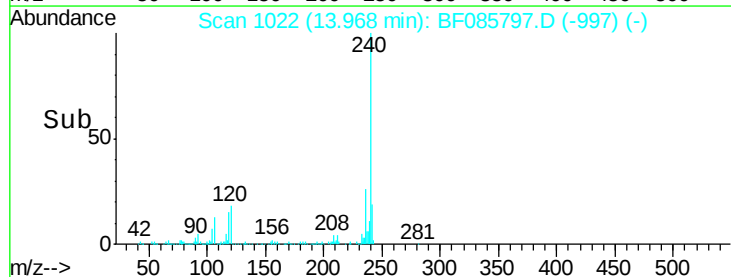
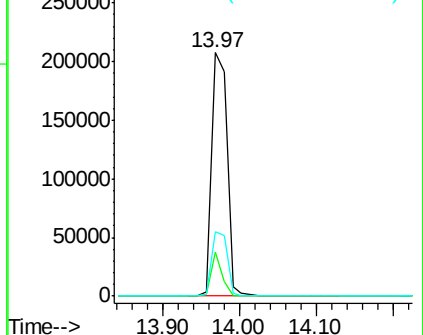


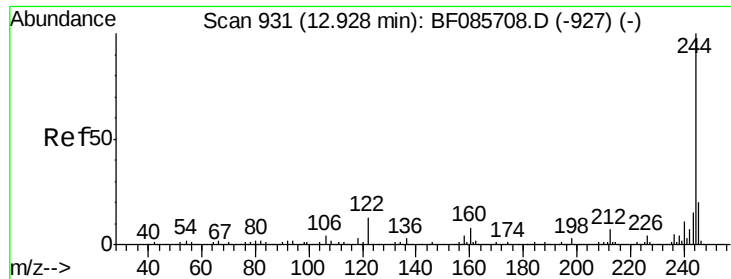
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF085797.D
Acq: 28 Mar 2016 13:07

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

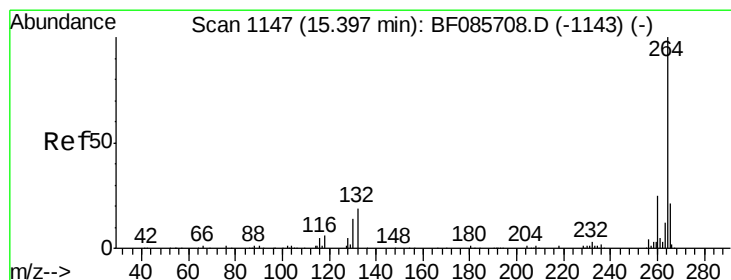
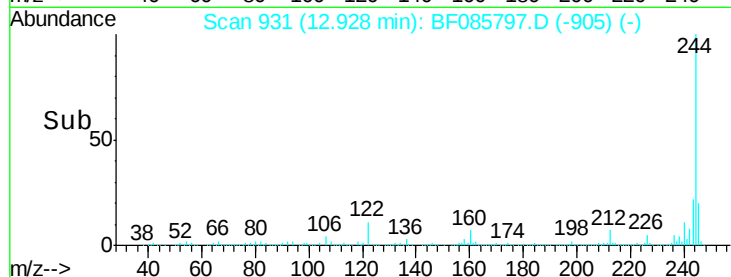
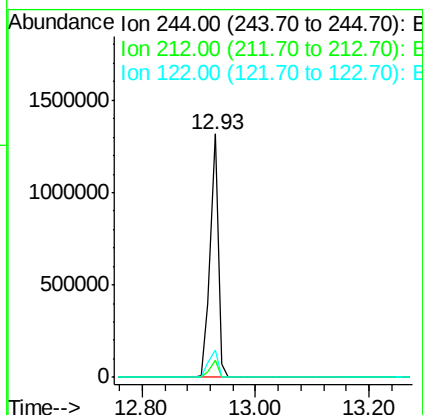
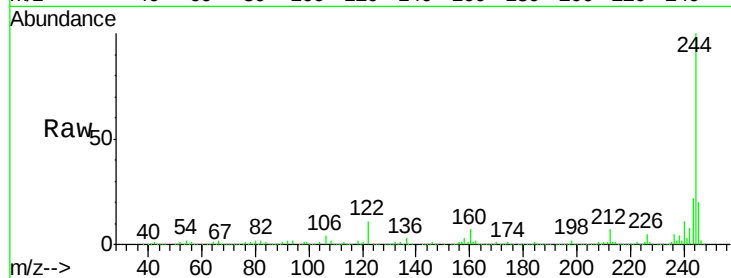




#78
 Terphenyl-d14
 Concen: 89.13 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF085797.D
 Acq: 28 Mar 2016 13:07

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

