

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085800.D
 Acq On : 28 Mar 2016 14:33
 Operator : UM/SJ
 Sample : H1885-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-15C

Quant Time: Mar 29 03:32:20 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

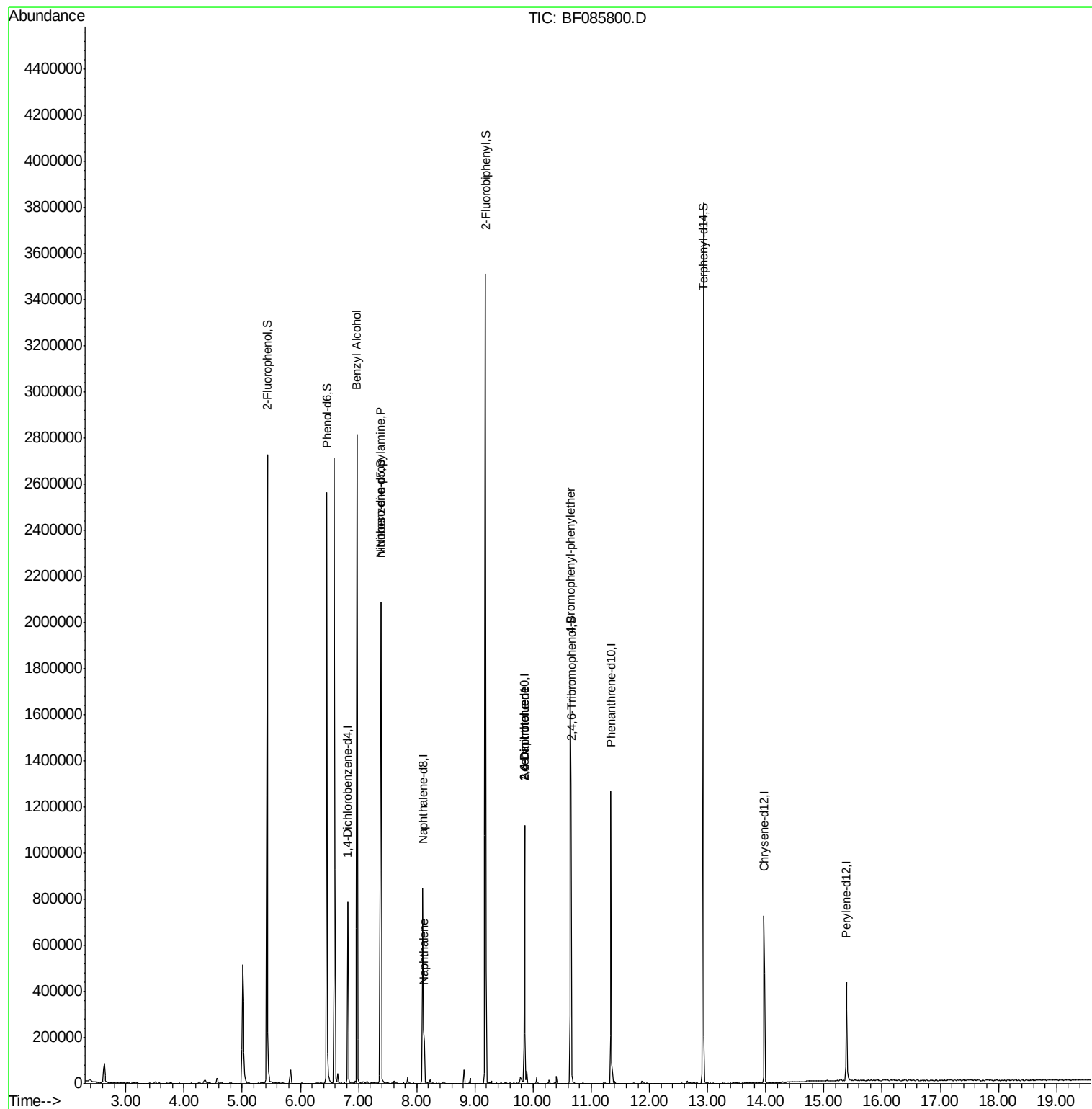
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	119863	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	482599	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	215058	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	429784	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	314080	20.00	ng	-0.01
86) Perylene-d12	15.39	264	217653	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	900224	125.08	ng	0.02
7) Phenol-d6	6.46	99	1061097	115.96	ng	0.00
23) Nitrobenzene-d5	7.38	82	780125	91.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	343561	168.14	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1194253	92.78	ng	-0.01
78) Terphenyl-d14	12.93	244	1241905	81.32	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.97	79	12302	2.02	ng	# 47
19) n-Nitroso-di-n-propylamine	7.38	70	104047	18.99	ng	# 77
31) Naphthalene	8.12	128	140250	5.77	ng	98
37) 2-Methylnaphthalene	8.81	142	16758	Below Cal		95
50) 2,6-Dinitrotoluene	9.85	165	27422	7.81	ng	# 19
56) 2,4-Dinitrotoluene	9.85	165	27422	6.14	ng	# 37
66) 4-Bromophenyl-phenylether	10.64	248	20331	4.62	ng	# 1

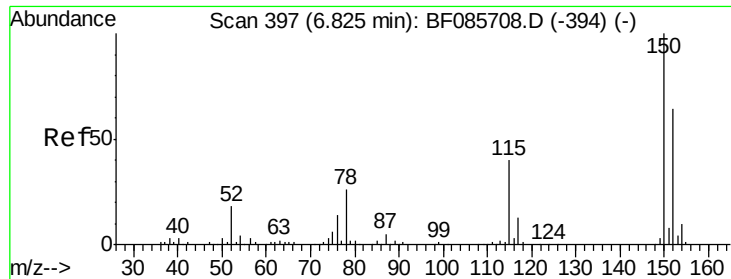
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF085800.D

Acq: 28 Mar 2016 14:33

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-15C

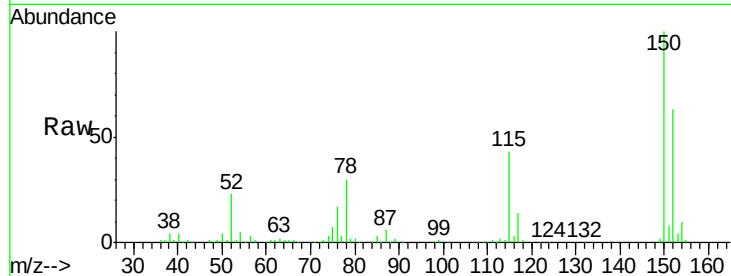
Tgt Ion:152 Resp: 119863

Ion Ratio Lower Upper

152 100

150 158.1 124.2 186.2

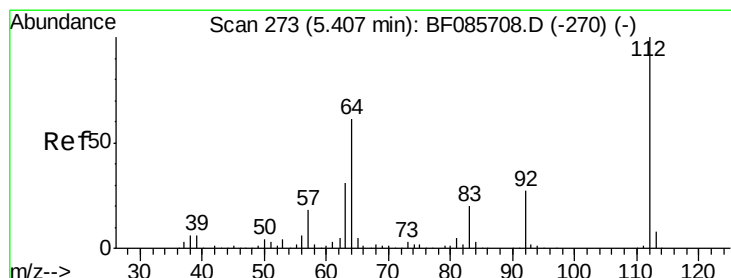
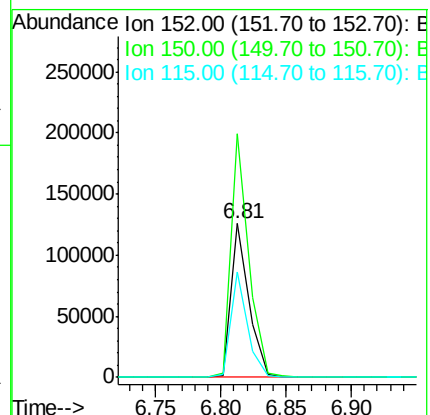
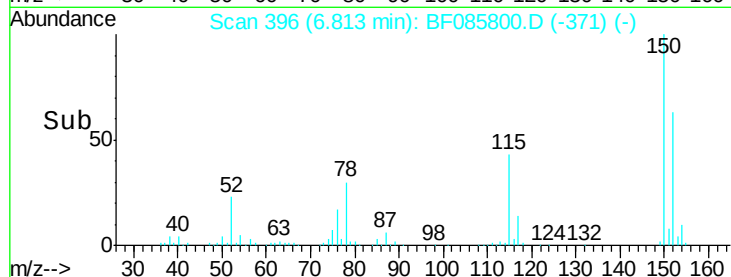
115 68.6 47.0 70.6



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: 125.08 ng

RT: 5.43 min Scan# 275

Delta R.T. 0.02 min

Lab File: BF085800.D

Acq: 28 Mar 2016 14:33

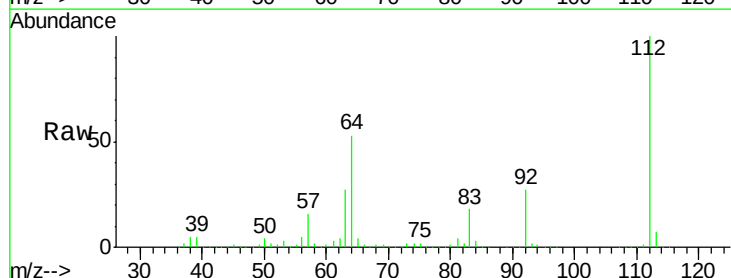
Tgt Ion:112 Resp: 900224

Ion Ratio Lower Upper

112 100

64 53.1 39.9 59.9

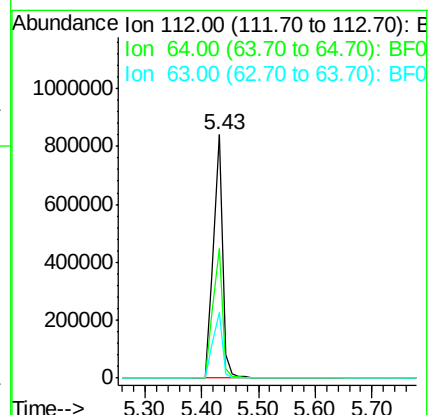
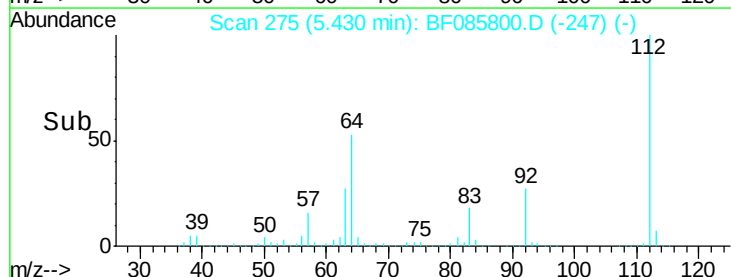
63 27.1 20.2 30.2

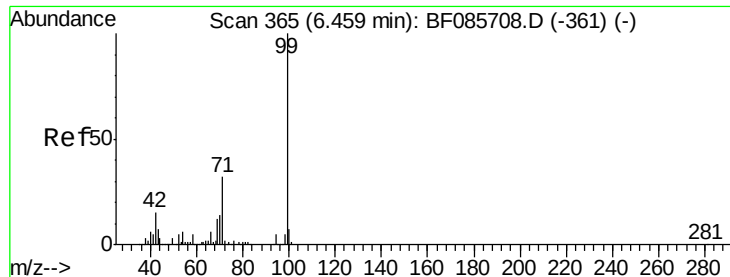


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.96 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085800.D

Acq: 28 Mar 2016 14:33

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-15C

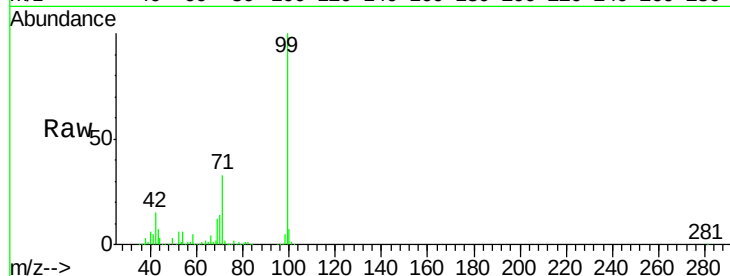
Tgt Ion: 99 Resp: 1061097

Ion Ratio Lower Upper

99 100

42 14.9 11.1 16.7

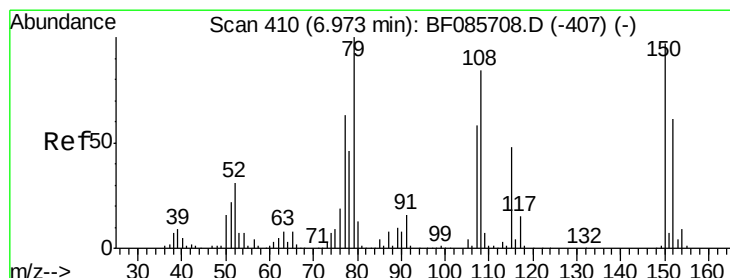
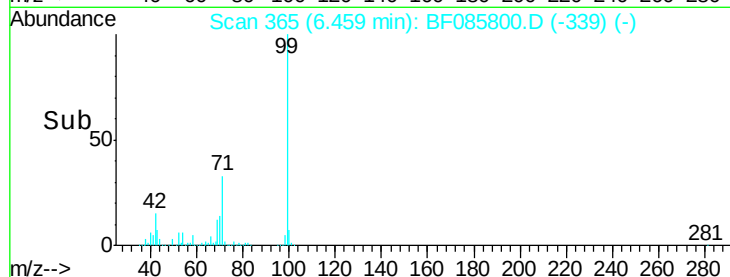
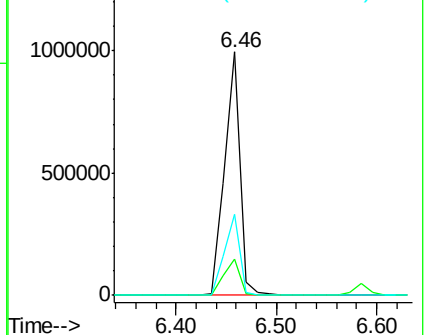
71 33.0 24.9 37.3



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



#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF085800.D

Acq: 28 Mar 2016 14:33

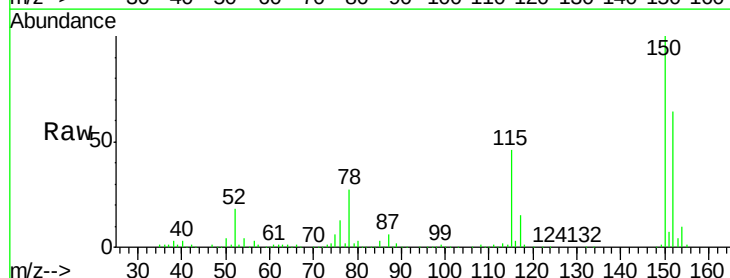
Tgt Ion: 79 Resp: 12302

Ion Ratio Lower Upper

79 100

108 33.1 61.8 92.6#

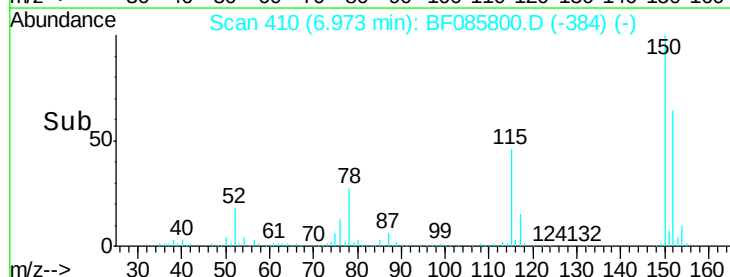
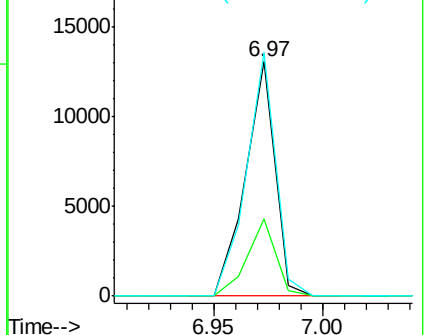
77 103.9 49.6 74.4#

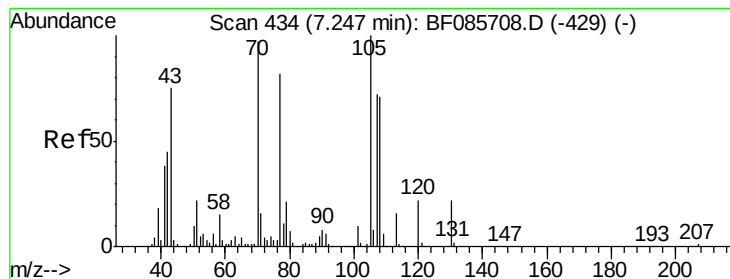


Abundance Ion 79.00 (78.70 to 79.70): BF0

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: 18.99 ng

RT: 7.38 min Scan# 446

Delta R.T. 0.14 min

Lab File: BF085800.D

Acq: 28 Mar 2016 14:33

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-15C

Tgt Ion: 70 Resp: 104047

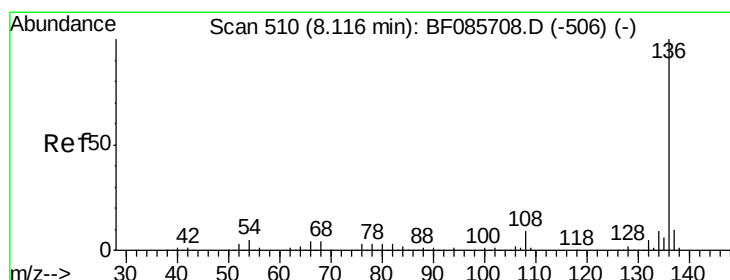
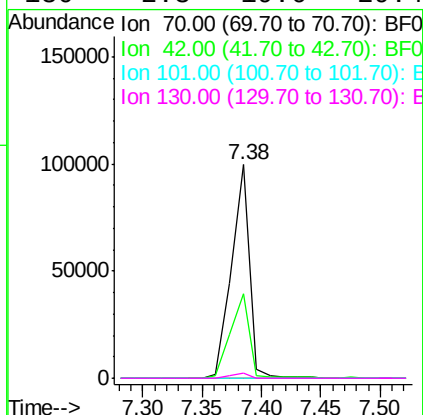
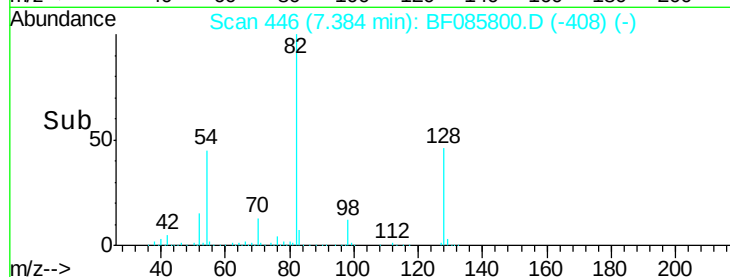
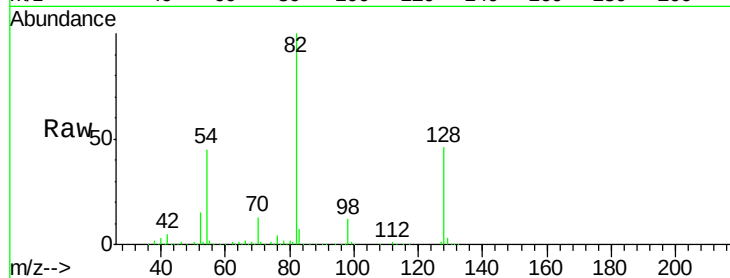
Ion Ratio Lower Upper

70 100

42 39.6 37.1 55.7

101 0.0 8.6 12.8#

130 2.3 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: BF085800.D

Acq: 28 Mar 2016 14:33

Tgt Ion: 136 Resp: 482599

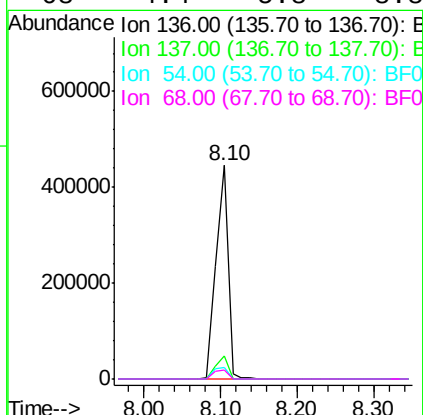
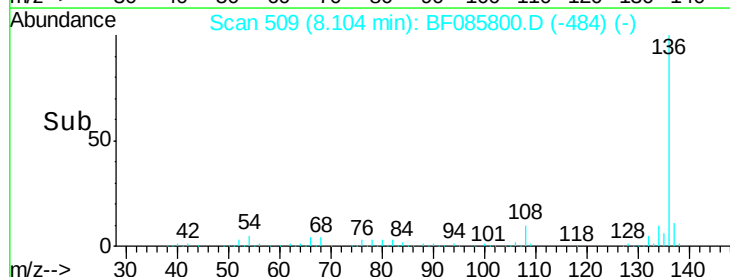
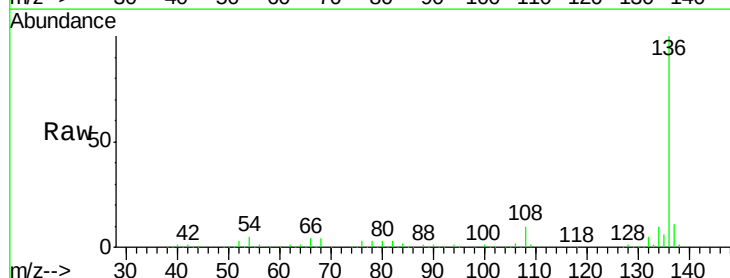
Ion Ratio Lower Upper

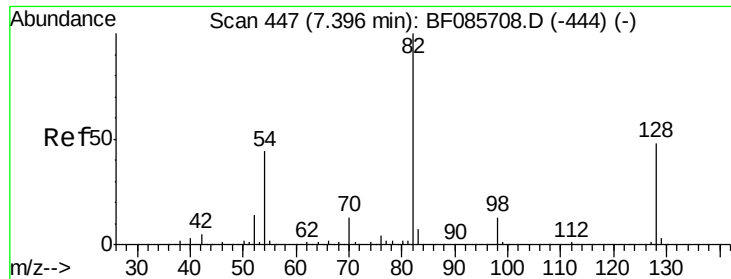
136 100

137 10.7 9.1 13.7

54 5.2 7.4 11.0#

68 4.4 5.8 8.8#

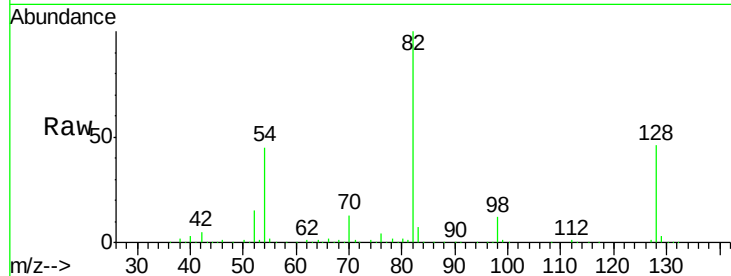




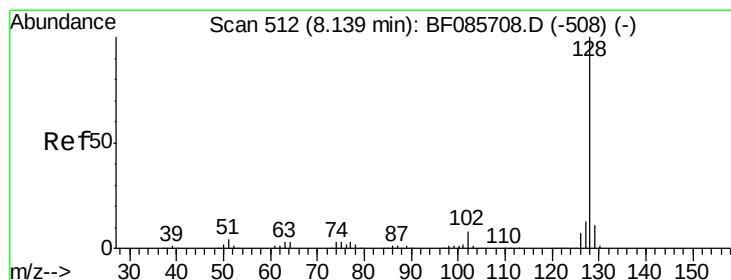
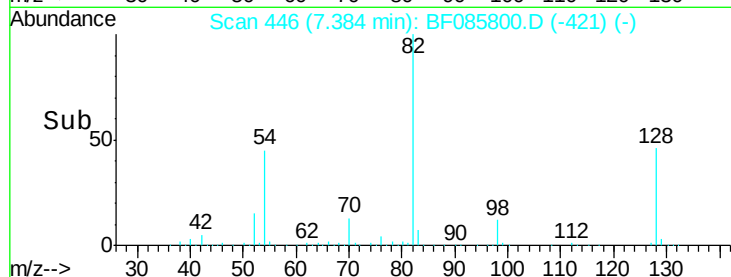
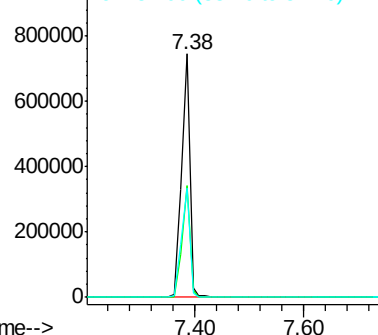
#23
 Nitrobenzene-d5
 Concen: 91.03 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085800.D
 Acq: 28 Mar 2016 14:33

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-15C

Tgt Ion: 82 Resp: 780125
 Ion Ratio Lower Upper
 82 100
 128 45.8 41.8 62.8
 54 44.9 33.4 50.0

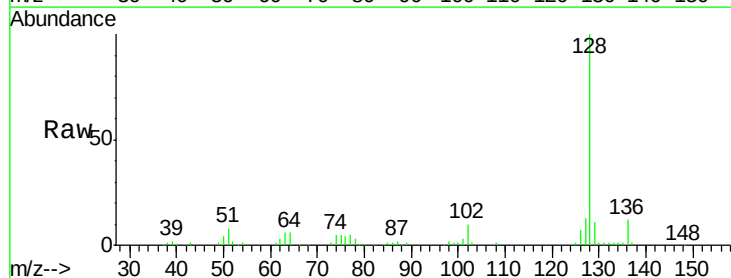


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

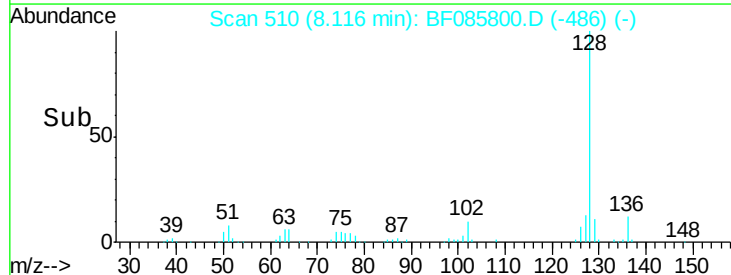
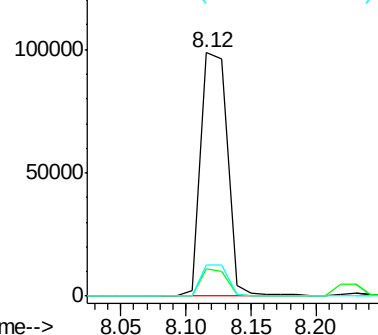


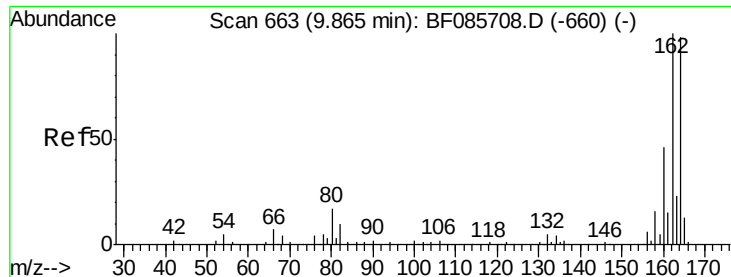
#31
 Naphthalene
 Concen: 5.77 ng
 RT: 8.12 min Scan# 510
 Delta R.T. -0.02 min
 Lab File: BF085800.D
 Acq: 28 Mar 2016 14:33

Tgt Ion: 128 Resp: 140250
 Ion Ratio Lower Upper
 128 100
 129 11.3 9.4 14.0
 127 13.0 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: BF085800.D

Acq: 28 Mar 2016 14:33

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-15C

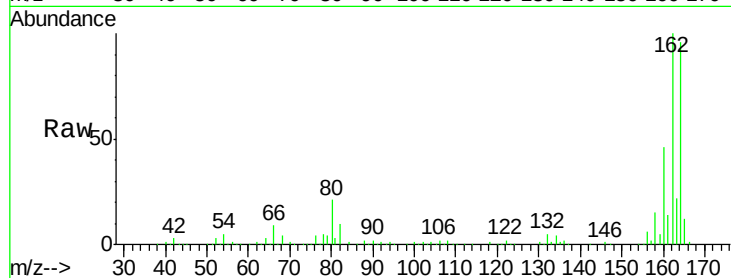
Tgt Ion:164 Resp: 215058

Ion Ratio Lower Upper

164 100

162 103.8 82.1 123.1

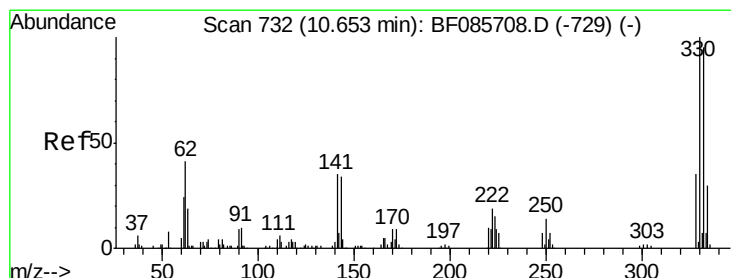
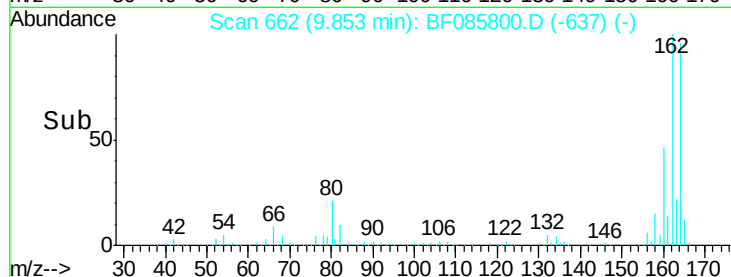
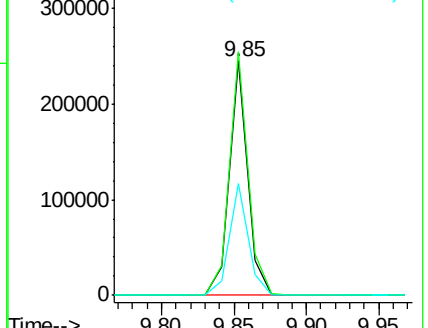
160 47.6 37.4 56.2



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: 168.14 ng

RT: 10.65 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF085800.D

Acq: 28 Mar 2016 14:33

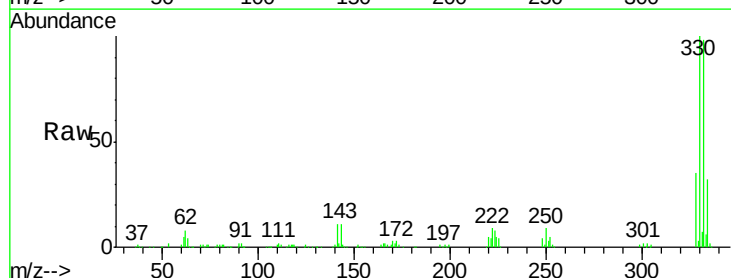
Tgt Ion:330 Resp: 343561

Ion Ratio Lower Upper

330 100

332 96.9 78.2 117.2

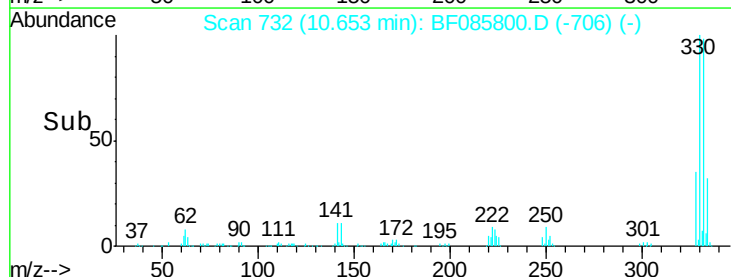
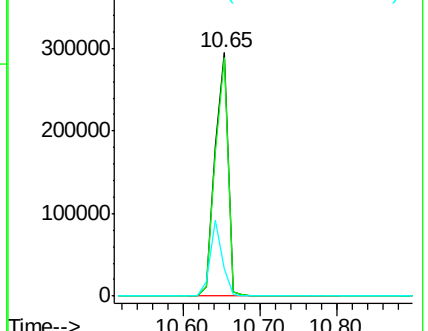
141 29.2 31.5 47.3#

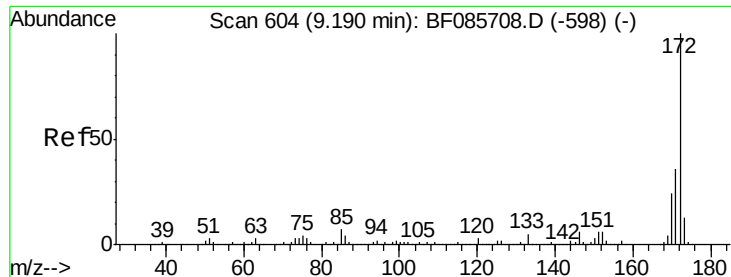


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

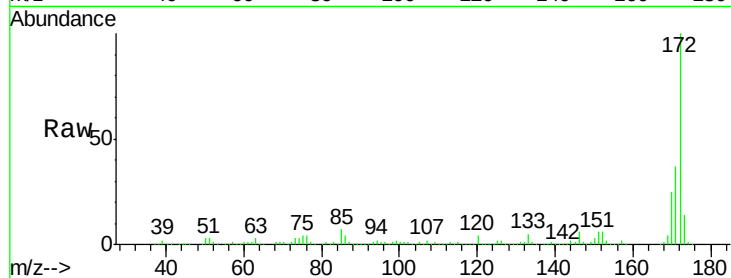




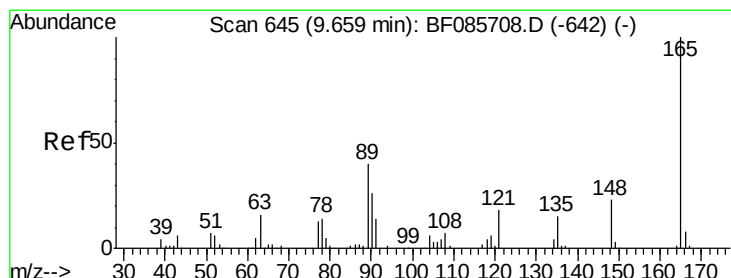
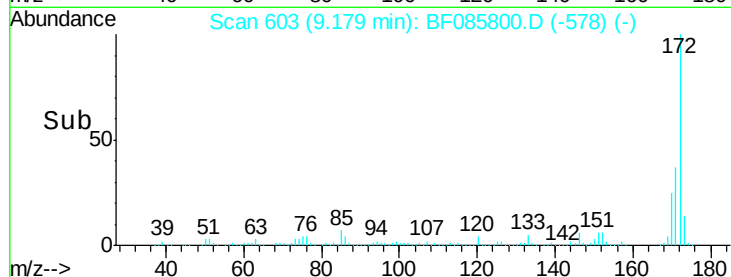
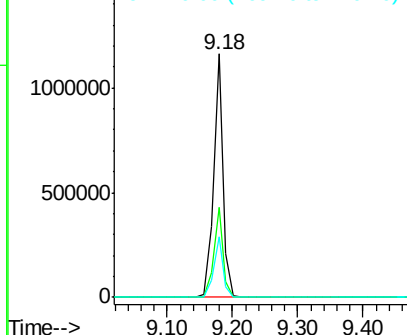
#44
 2-Fluorobiphenyl
 Concen: 92.78 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085800.D
 Acq: 28 Mar 2016 14:33

Instrument :
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 TRACK-D-GRID-15C

Tgt Ion:172 Resp: 1194253
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.2
 170 24.6 19.8 29.6

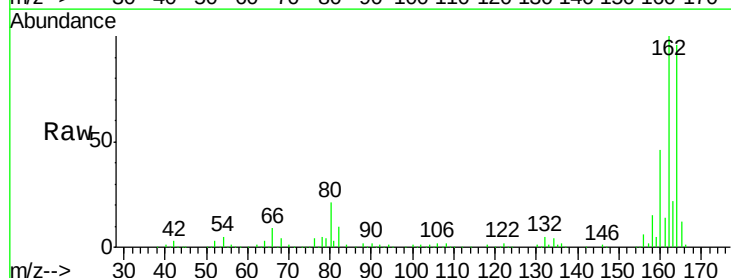


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

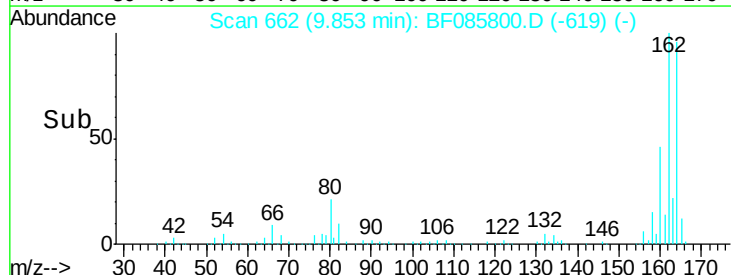
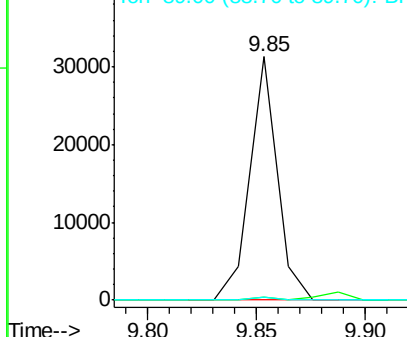


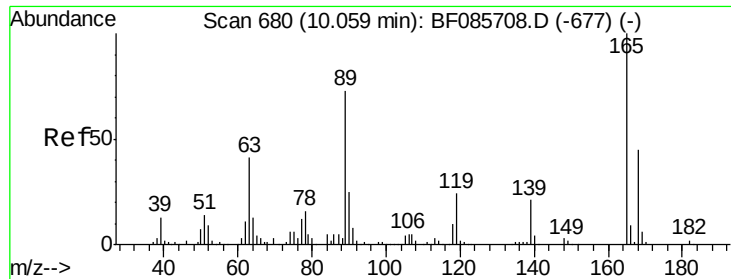
#50
 2,6-Dinitrotoluene
 Concen: 7.81 ng
 RT: 9.85 min Scan# 662
 Delta R.T. 0.19 min
 Lab File: BF085800.D
 Acq: 28 Mar 2016 14:33

Tgt Ion:165 Resp: 27422
 Ion Ratio Lower Upper
 165 100
 63 1.3 51.8 77.8#
 89 1.5 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

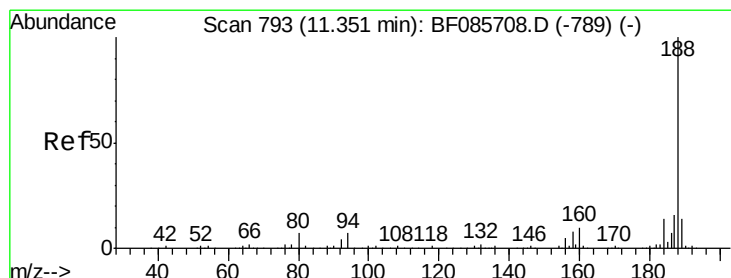
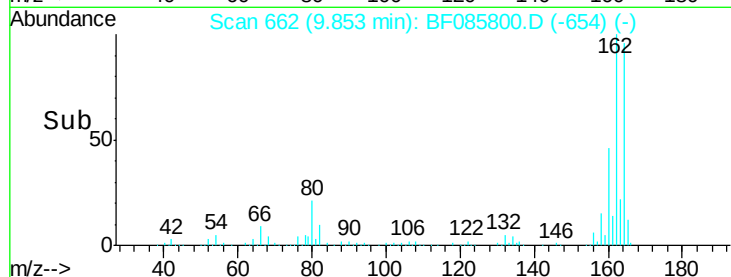
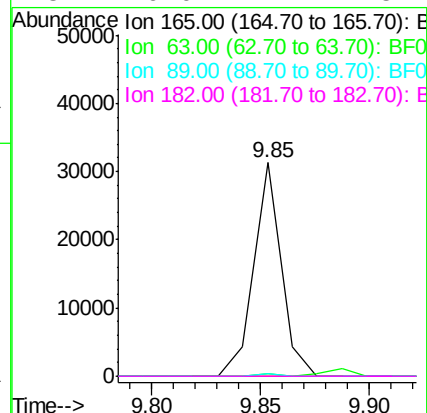
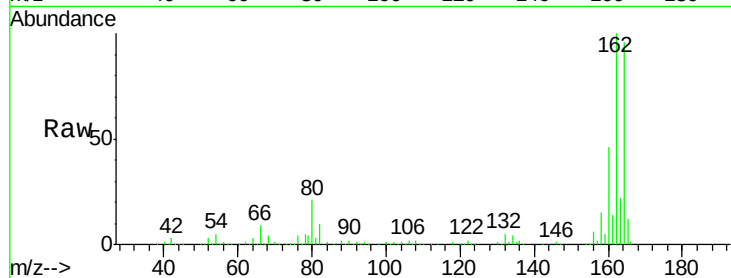




#56
 2,4-Dinitrotoluene
 Concen: 6.14 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.21 min
 Lab File: BF085800.D
 Acq: 28 Mar 2016 14:33

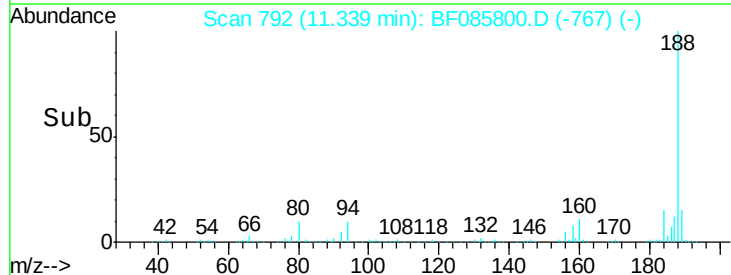
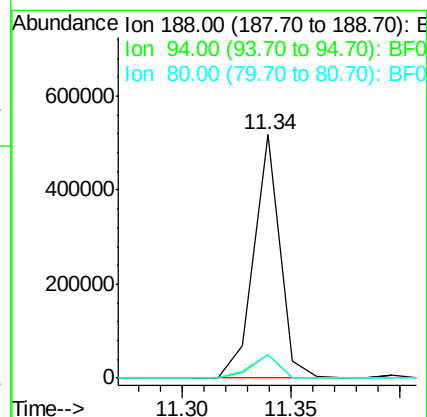
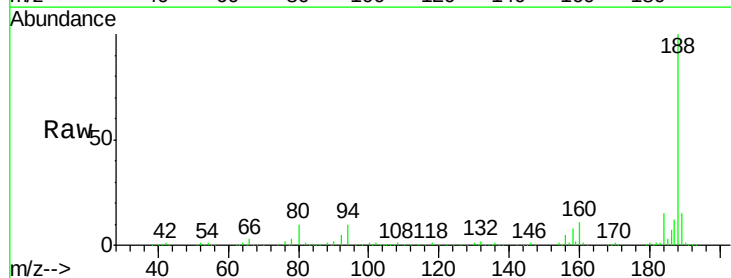
Instrument :
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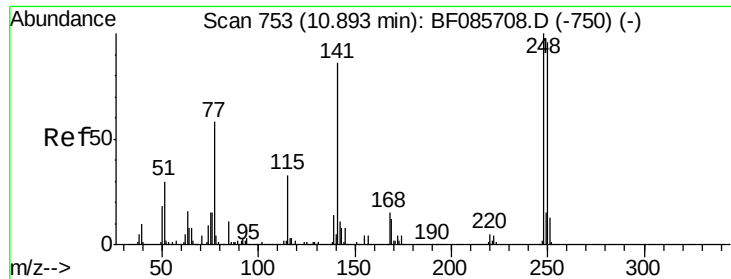
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	24.9	37.3#
89	1.5	41.0	61.6#
182	0.0	2.1	3.1#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF085800.D
 Acq: 28 Mar 2016 14:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	5.4	8.0#
80	9.9	5.5	8.3#





#66

4-Bromophenyl-phenylether

Concen: 4.62 ng

RT: 10.64 min Scan# 731

Delta R.T. -0.25 min

Lab File: BF085800.D

Acq: 28 Mar 2016 14:33

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-15C

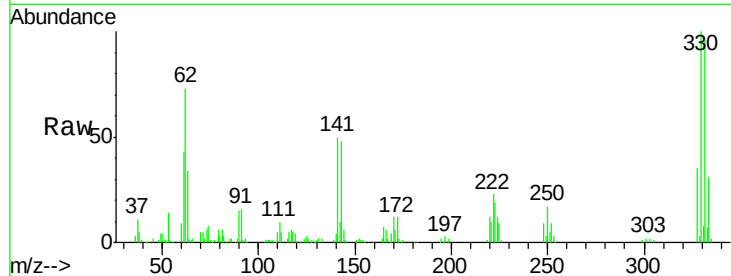
Tgt Ion:248 Resp: 20331

Ion Ratio Lower Upper

248 100

250 196.4 77.4 116.0#

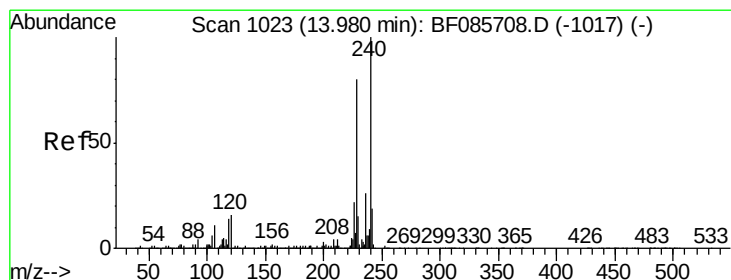
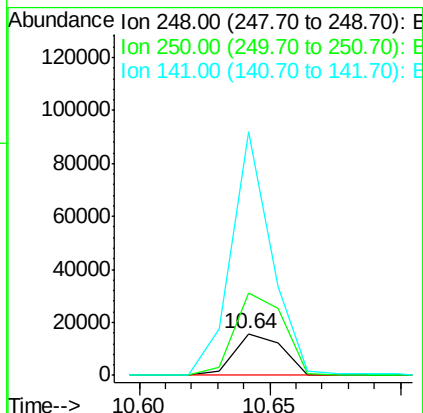
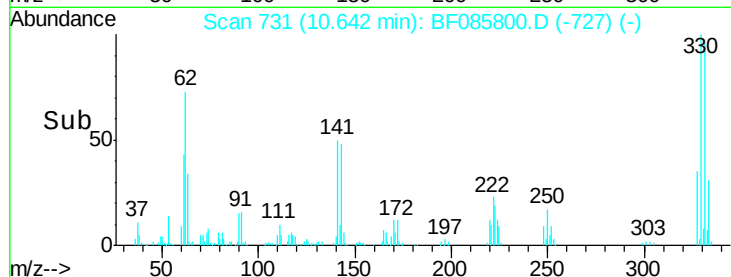
141 581.1 63.6 95.4#



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: BF085800.D

Acq: 28 Mar 2016 14:33

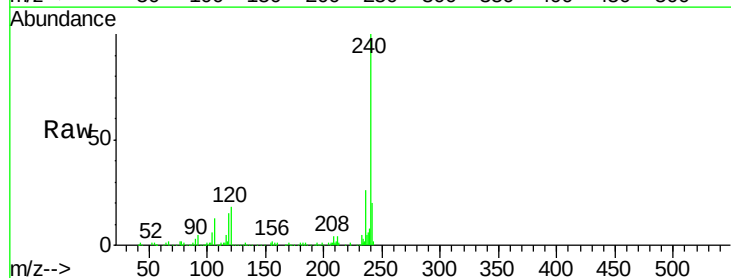
Tgt Ion:240 Resp: 314080

Ion Ratio Lower Upper

240 100

120 17.8 13.8 20.8

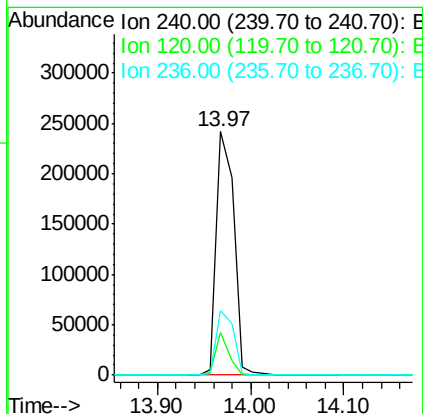
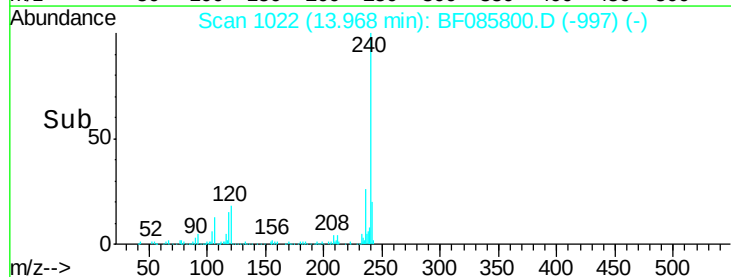
236 26.4 20.6 30.8

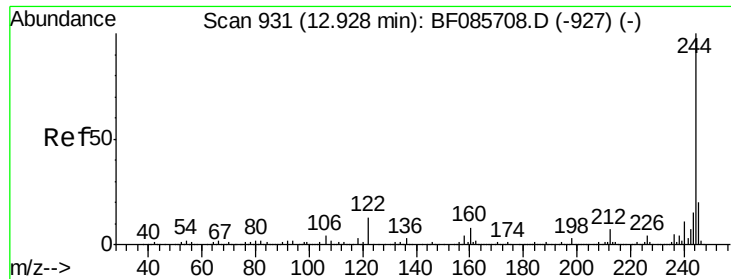


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

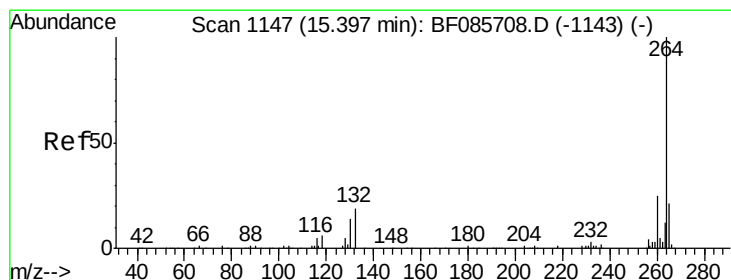
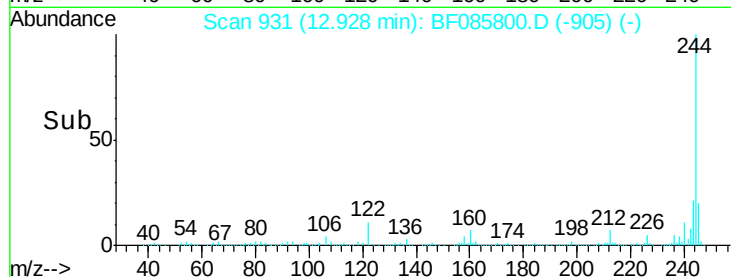
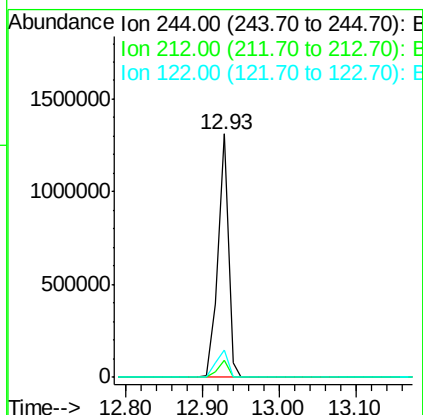
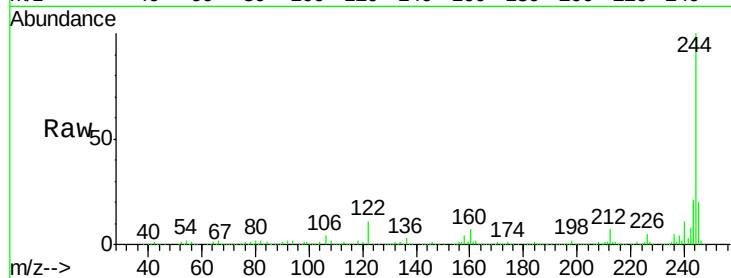




#78
 Terphenyl-d14
 Concen: 81.32 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF085800.D
 Acq: 28 Mar 2016 14:33

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-15C

Tgt Ion:244 Resp: 1241905
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 11.0 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: BF085800.D
 Acq: 28 Mar 2016 14:33

Tgt Ion:264 Resp: 217653
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 20.8 17.2 25.8

