

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
 Data File : BF085689.D
 Acq On : 23 Mar 2016 6:28
 Operator : UM/SJ
 Sample : H1858-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-13B

Quant Time: Mar 23 05:57:13 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

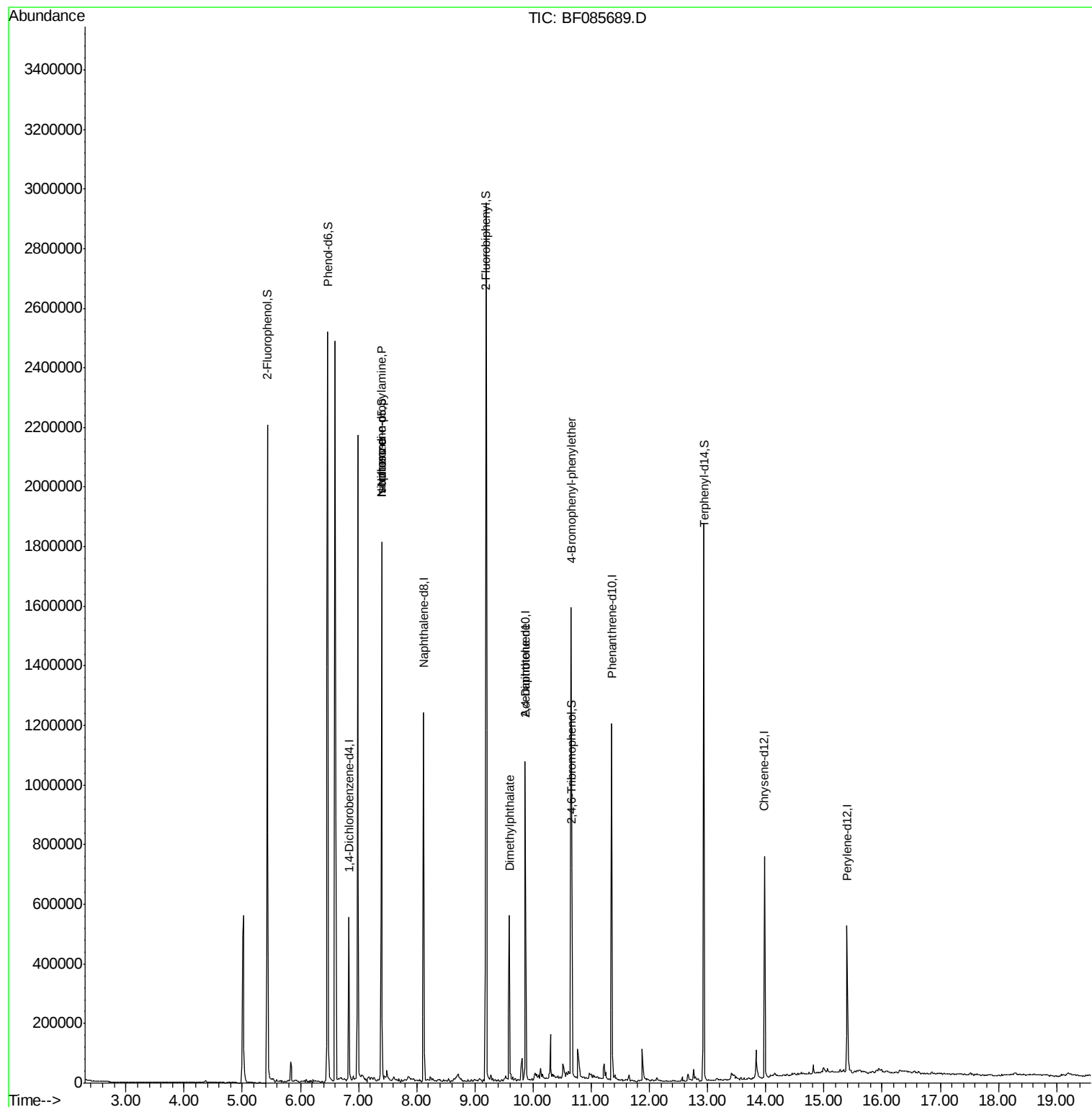
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	127235	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	533828	20.00	ng	-0.02
38) Acenaphthene-d10	9.86	164	229979	20.00	ng	-0.03
63) Phenanthrene-d10	11.35	188	416375	20.00	ng	-0.03
75) Chrysene-d12	13.98	240	235766	20.00	ng	-0.03
86) Perylene-d12	15.40	264	218955	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	765008	100.99	ng	-0.02
7) Phenol-d6	6.47	99	1098095	113.03	ng	-0.02
23) Nitrobenzene-d5	7.40	82	634649	69.01	ng	-0.03
41) 2,4,6-Tribromophenol	10.66	330	228340	101.36	ng	-0.02
44) 2-Fluorobiphenyl	9.19	172	1082638	78.85	ng	-0.03
78) Terphenyl-d14	12.94	244	858137	87.59	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	84045	14.48	ng	# 78
25) Isophorone	7.40	82	498647	27.08	ng	# 68
49) Dimethylphthalate	9.59	163	249645	14.38	ng	98
56) 2,4-Dinitrotoluene	9.86	165	29788	6.21	ng	# 37
66) 4-Bromophenyl-phenylether	10.65	248	14616	3.51	ng	# 1

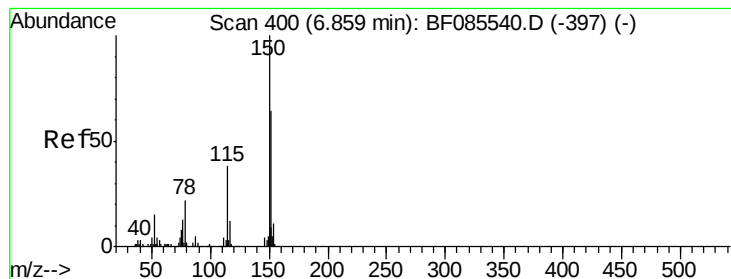
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.02 min

Lab File: BF085689.D

Acq: 23 Mar 2016 6:28

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-13B

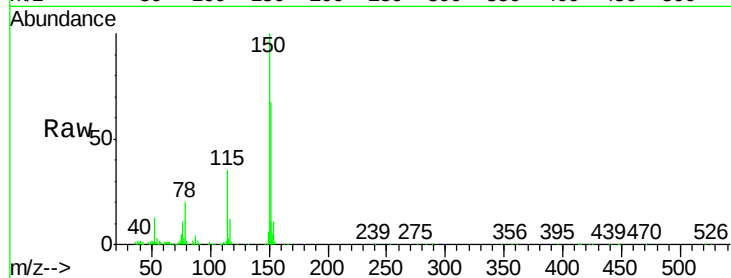
Tgt Ion:152 Resp: 127235

Ion Ratio Lower Upper

152 100

150 149.7 124.2 186.2

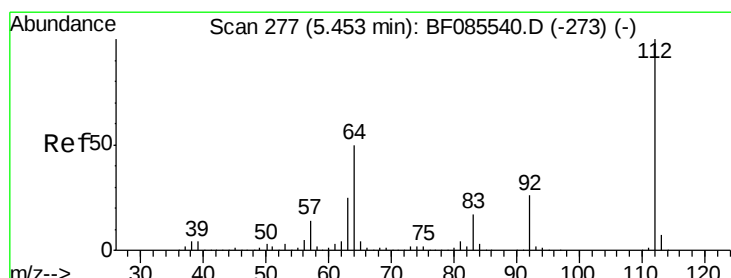
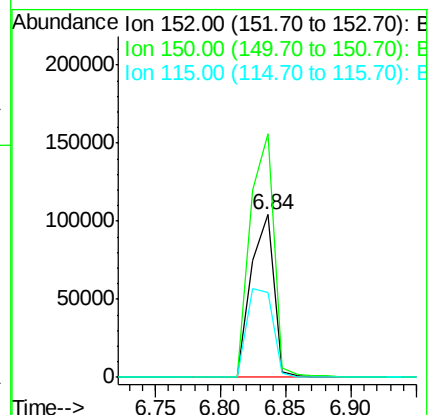
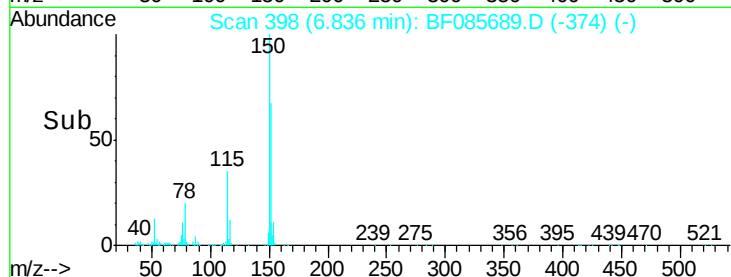
115 52.4 47.0 70.6



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: 100.99 ng

RT: 5.43 min Scan# 275

Delta R.T. -0.02 min

Lab File: BF085689.D

Acq: 23 Mar 2016 6:28

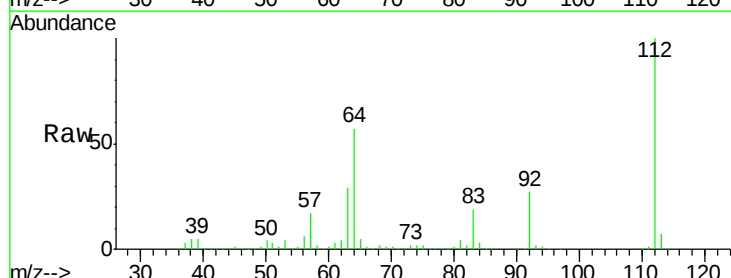
Tgt Ion:112 Resp: 765008

Ion Ratio Lower Upper

112 100

64 57.1 39.9 59.9

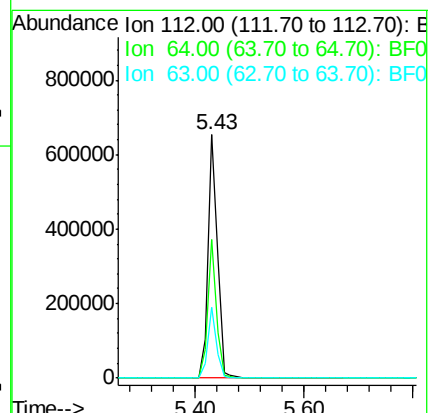
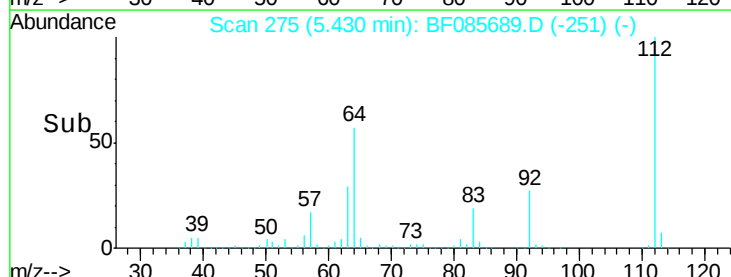
63 29.2 20.2 30.2

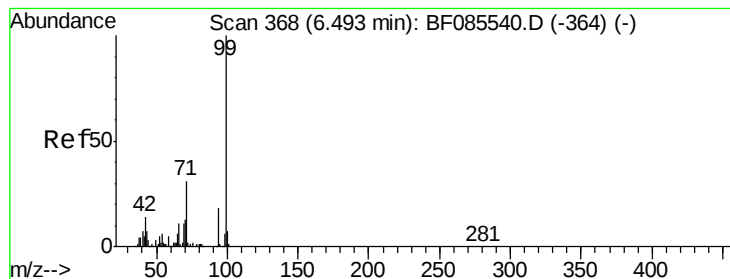


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.03 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF085689.D

Acq: 23 Mar 2016 6:28

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-13B

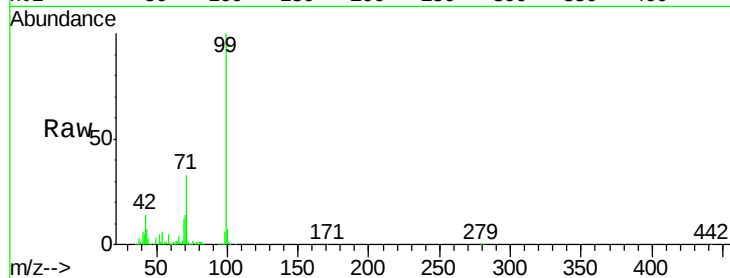
Tgt Ion: 99 Resp: 1098095

Ion Ratio Lower Upper

99 100

42 14.4 11.1 16.7

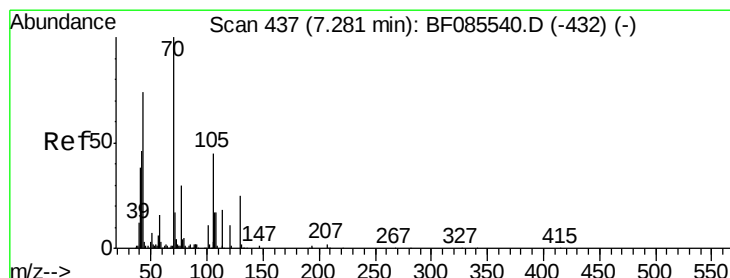
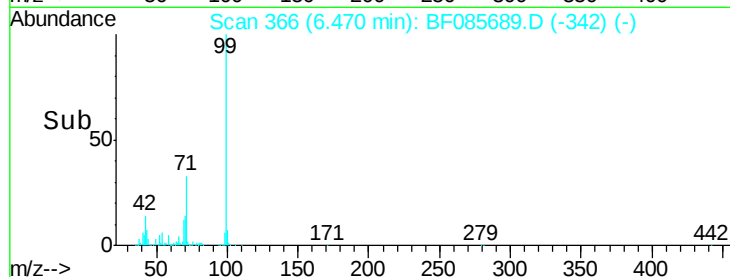
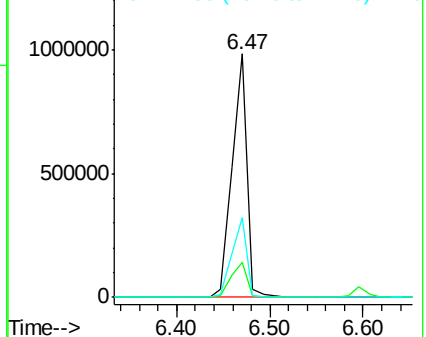
71 32.5 24.9 37.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.48 ng

RT: 7.40 min Scan# 447

Delta R.T. 0.11 min

Lab File: BF085689.D

Acq: 23 Mar 2016 6:28

Tgt Ion: 70 Resp: 84045

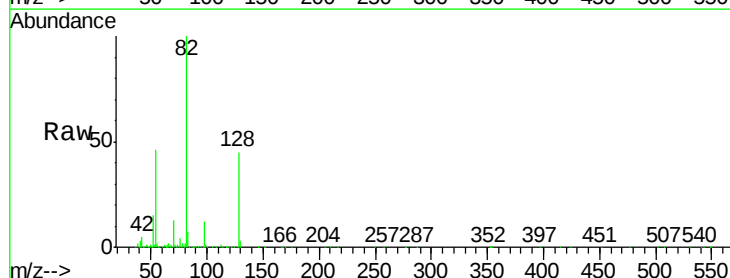
Ion Ratio Lower Upper

70 100

42 40.6 37.1 55.7

101 0.0 8.6 12.8#

130 2.5 19.6 29.4#

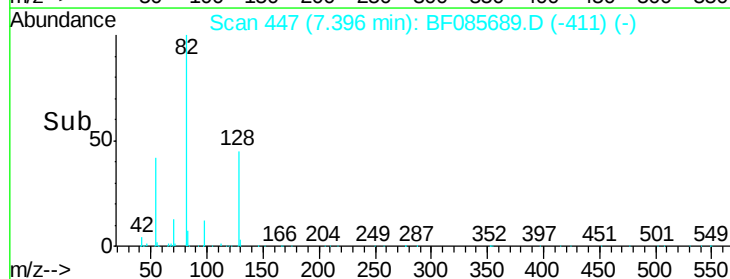
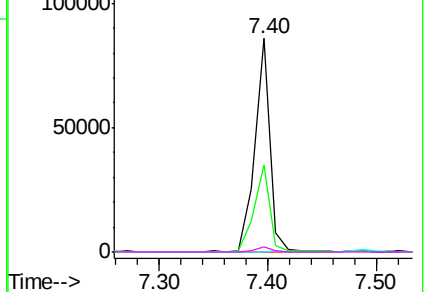


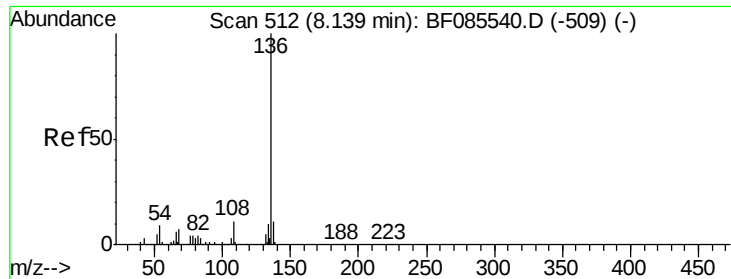
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF085689.D

Acq: 23 Mar 2016 6:28

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-13B

Tgt Ion: 136 Resp: 533828

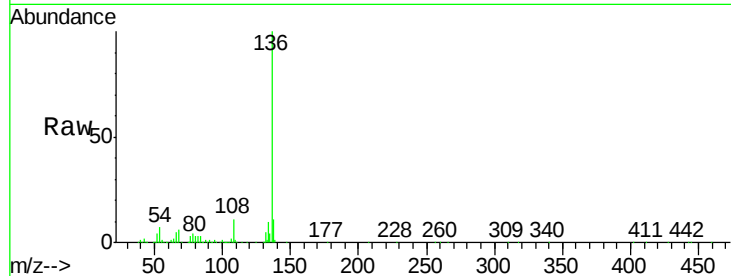
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 6.9 7.4 11.0#

68 5.8 5.8 8.8

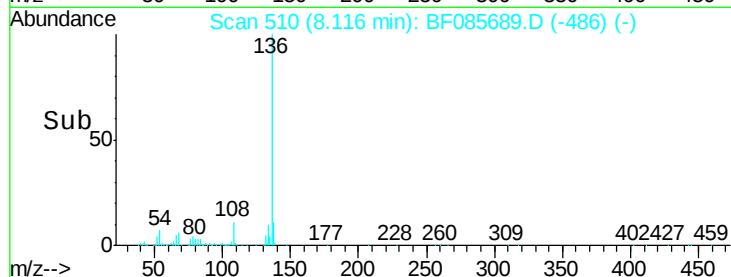


Abundance Ion 136.00 (135.70 to 136.70): E

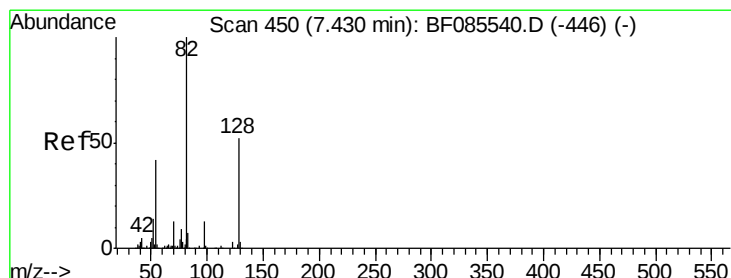
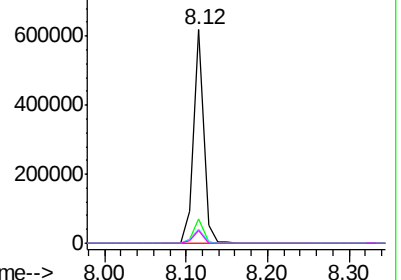
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 69.01 ng

RT: 7.40 min Scan# 447

Delta R.T. -0.03 min

Lab File: BF085689.D

Acq: 23 Mar 2016 6:28

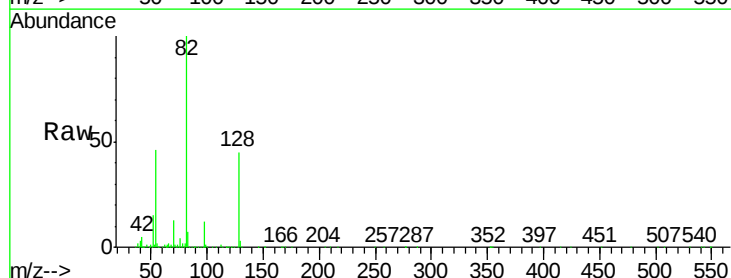
Tgt Ion: 82 Resp: 634649

Ion Ratio Lower Upper

82 100

128 44.5 41.8 62.8

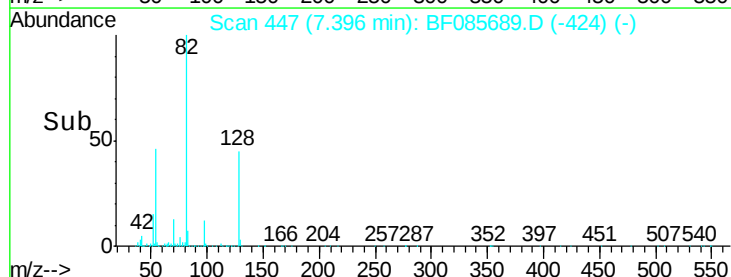
54 46.3 33.4 50.0



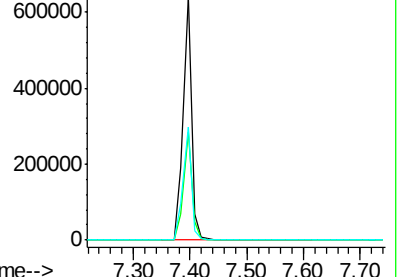
Abundance Ion 82.00 (81.70 to 82.70): BF0

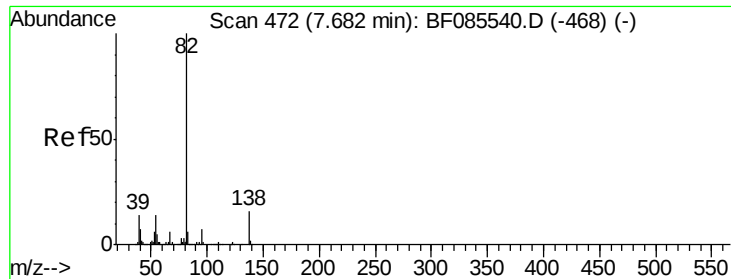
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#25

Isophorone

Concen: 27.08 ng

RT: 7.40 min Scan# 447

Delta R.T. -0.29 min

Lab File: BF085689.D

Acq: 23 Mar 2016 6:28

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-13B

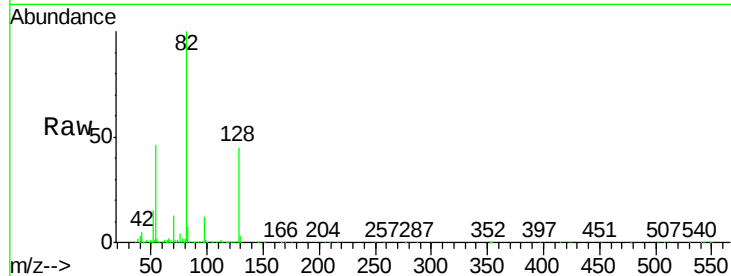
Tgt Ion: 82 Resp: 498647

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

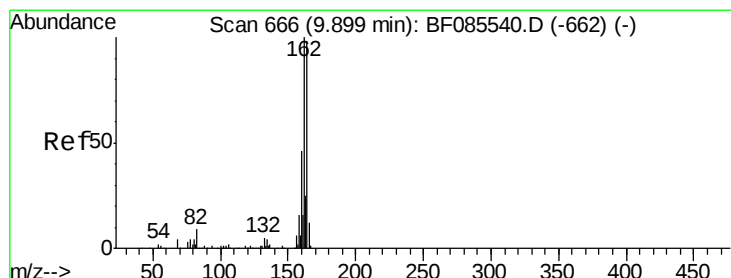
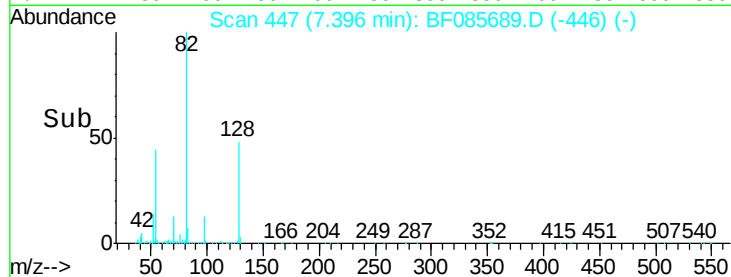
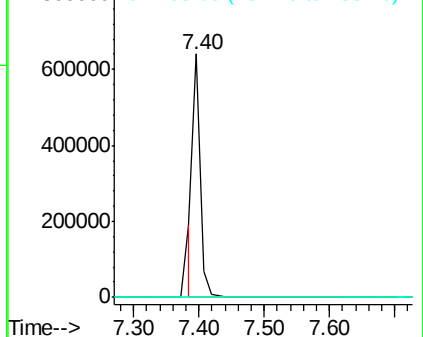
138 0.0 12.9 19.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.03 min

Lab File: BF085689.D

Acq: 23 Mar 2016 6:28

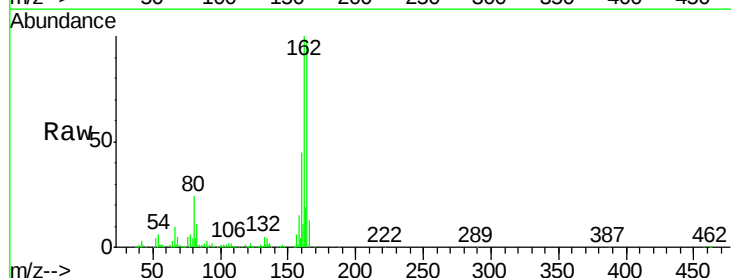
Tgt Ion: 164 Resp: 229979

Ion Ratio Lower Upper

164 100

162 102.5 82.1 123.1

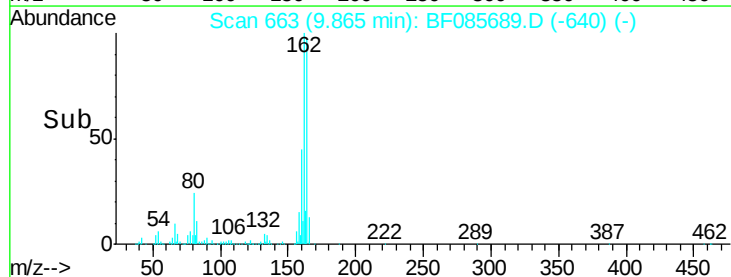
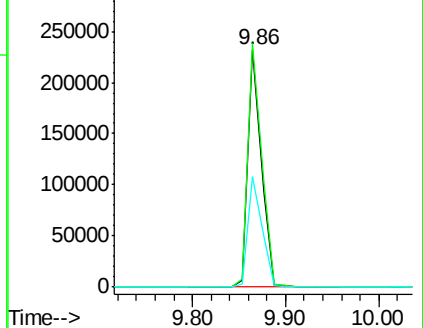
160 46.4 37.4 56.2

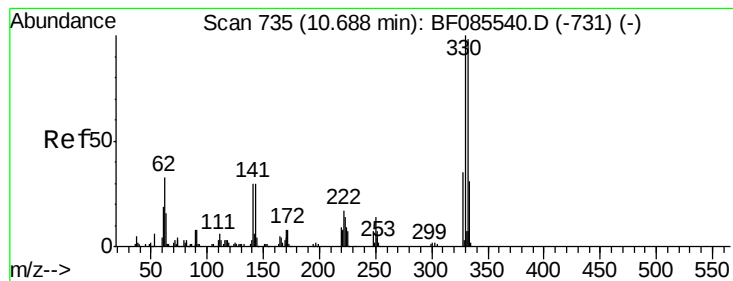


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 101.36 ng

RT: 10.66 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF085689.D

Acq: 23 Mar 2016 6:28

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-13B

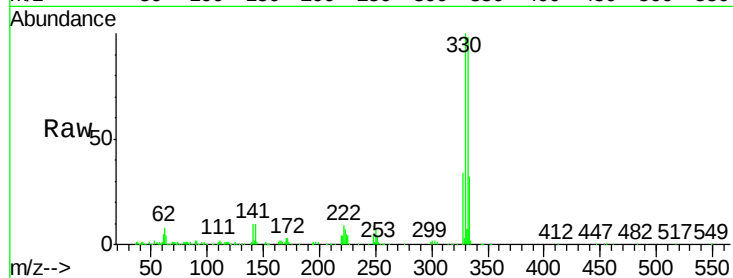
Tgt Ion:330 Resp: 228340

Ion Ratio Lower Upper

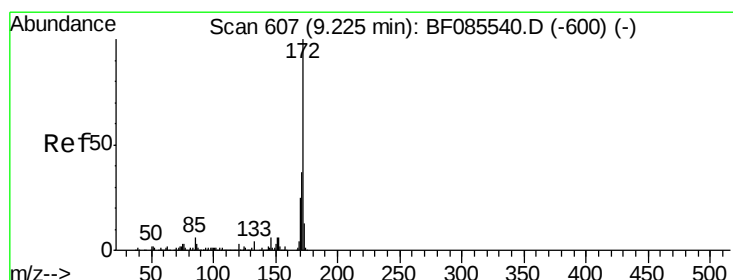
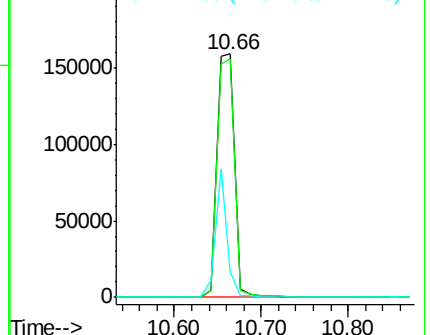
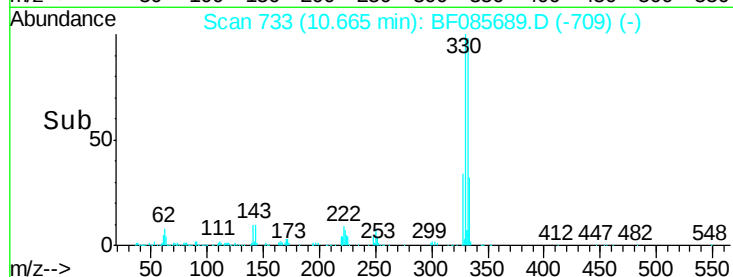
330 100

332 97.2 78.2 117.2

141 35.1 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: 78.85 ng

RT: 9.19 min Scan# 604

Delta R.T. -0.03 min

Lab File: BF085689.D

Acq: 23 Mar 2016 6:28

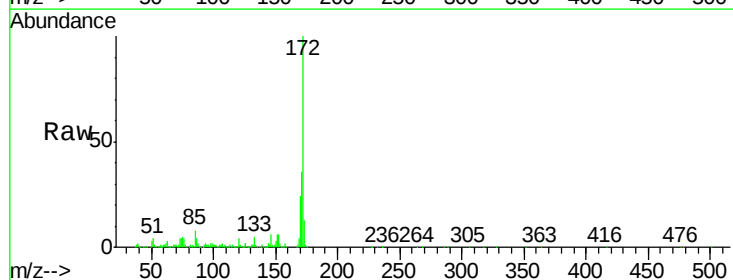
Tgt Ion:172 Resp: 1082638

Ion Ratio Lower Upper

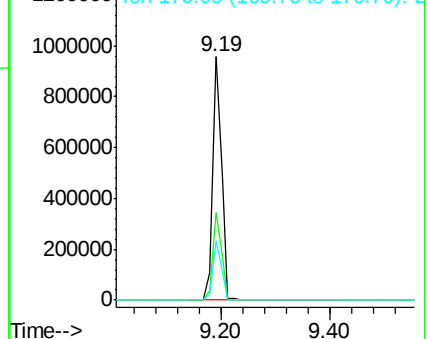
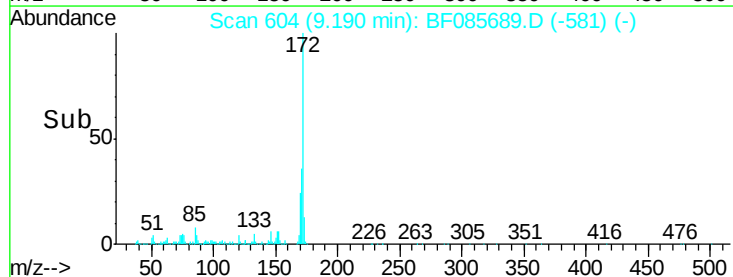
172 100

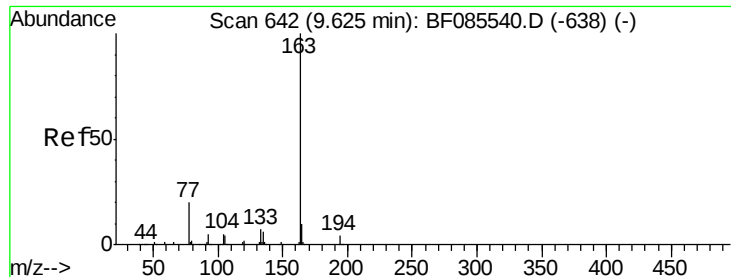
171 36.0 29.4 44.2

170 24.2 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





#49

Dimethylphthalate

Concen: 14.38 ng

RT: 9.59 min Scan# 639

Delta R.T. -0.03 min

Lab File: BF085689.D

Acq: 23 Mar 2016 6:28

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-13B

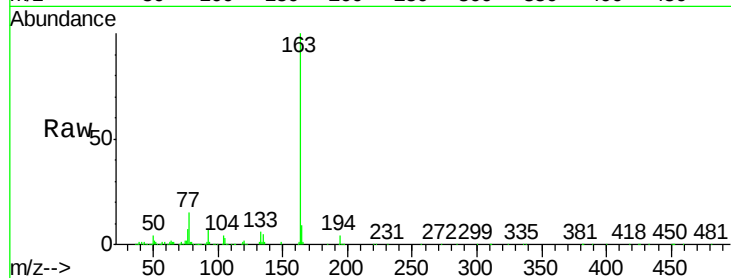
Tgt Ion:163 Resp: 249645

Ion Ratio Lower Upper

163 100

194 3.7 2.9 4.3

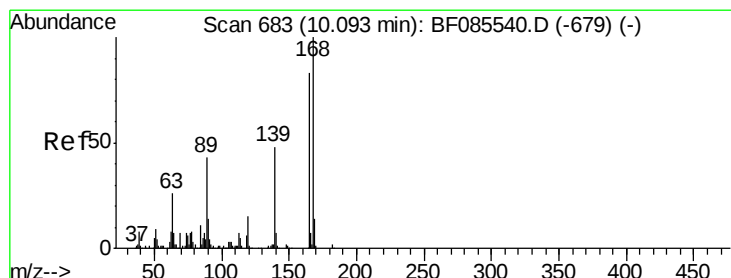
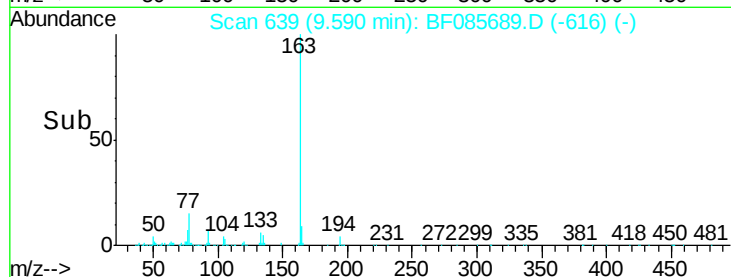
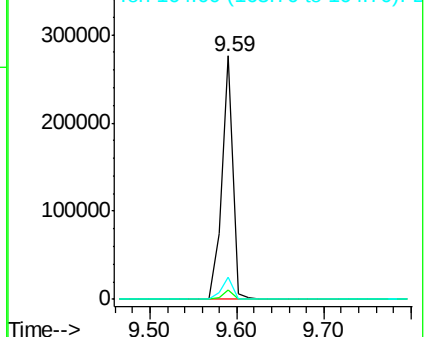
164 9.4 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 6.21 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.23 min

Lab File: BF085689.D

Acq: 23 Mar 2016 6:28

Tgt Ion:165 Resp: 29788

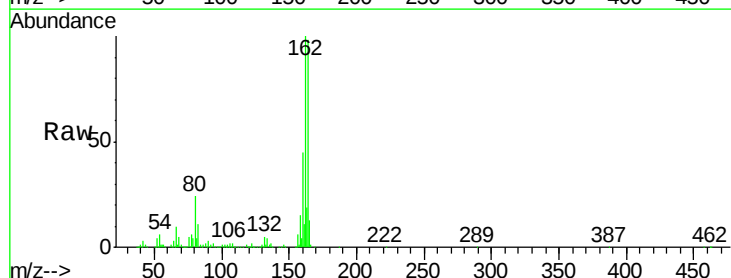
Ion Ratio Lower Upper

165 100

63 1.2 24.9 37.3#

89 1.5 41.0 61.6#

182 0.0 2.1 3.1#

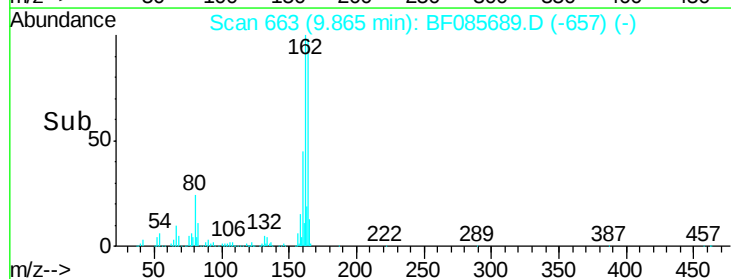
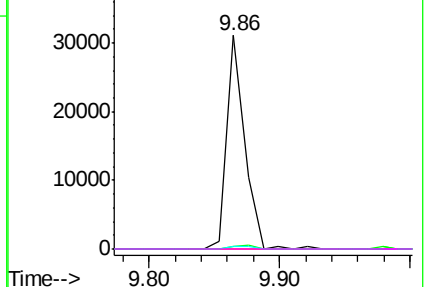


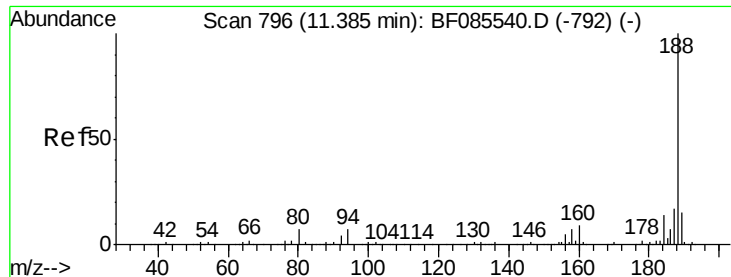
Abundance Ion 165.00 (164.70 to 165.70): E

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

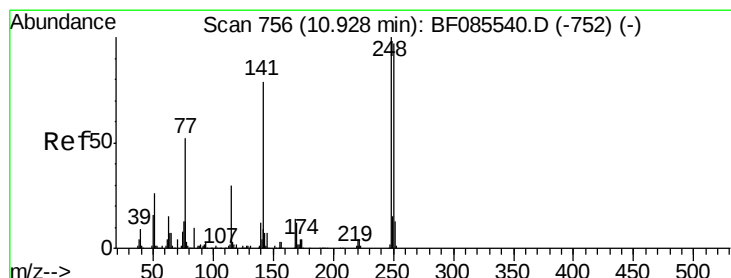
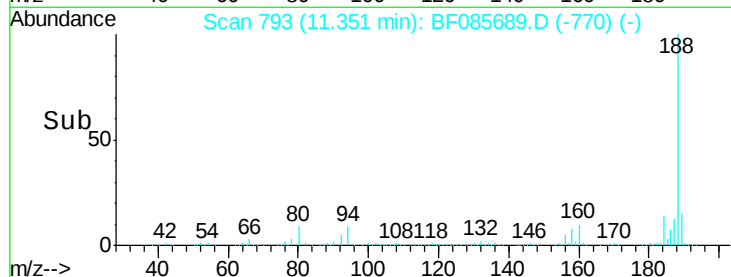
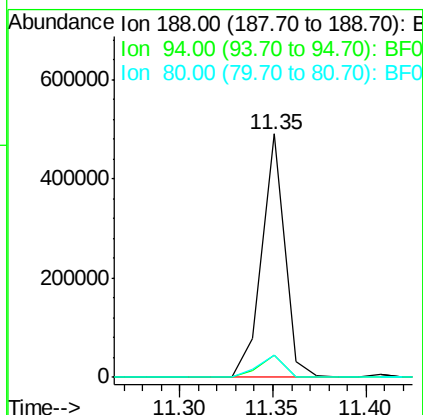
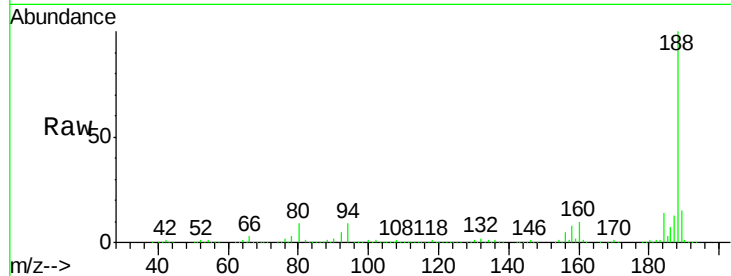




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 793
 Delta R.T. -0.03 min
 Lab File: BF085689.D
 Acq: 23 Mar 2016 6:28

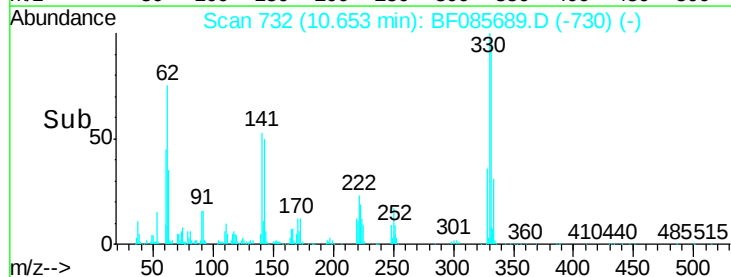
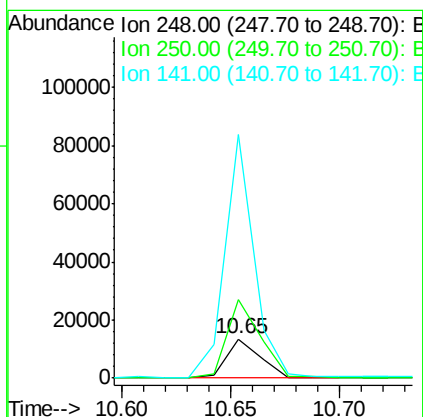
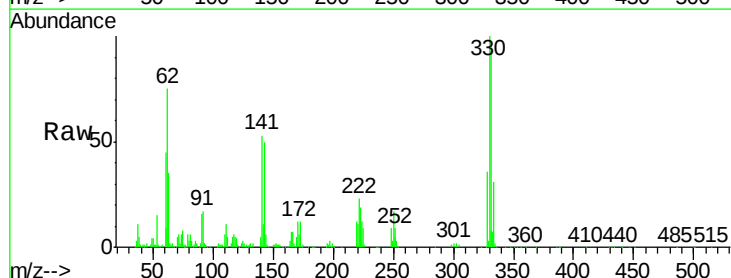
Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-13B

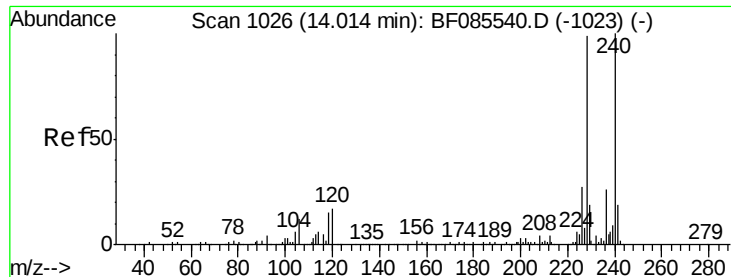
Tgt Ion:188 Resp: 416375
 Ion Ratio Lower Upper
 188 100
 94 9.0 5.4 8.0#
 80 9.2 5.5 8.3#



#66
 4-Bromophenyl-phenylether
 Concen: 3.51 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.27 min
 Lab File: BF085689.D
 Acq: 23 Mar 2016 6:28

Tgt Ion:248 Resp: 14616
 Ion Ratio Lower Upper
 248 100
 250 197.6 77.4 116.0#
 141 617.0 63.6 95.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.03 min

Lab File: BF085689.D

Acq: 23 Mar 2016 6:28

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-13B

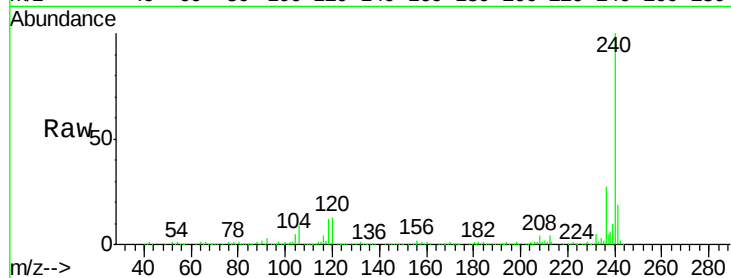
Tgt Ion:240 Resp: 235766

Ion Ratio Lower Upper

240 100

120 13.4 13.8 20.8#

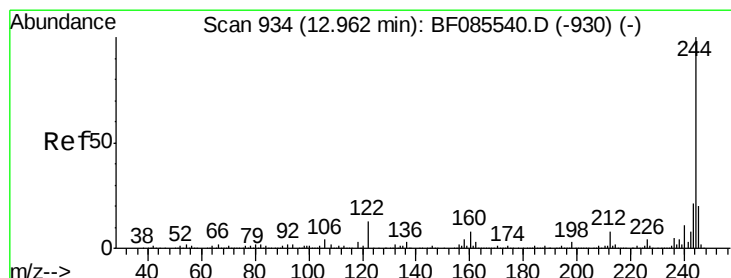
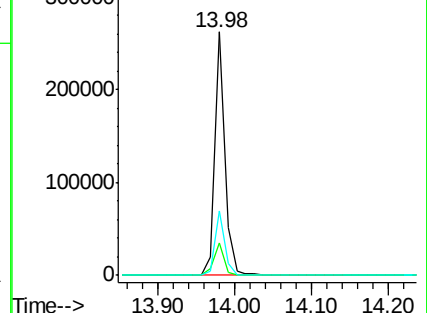
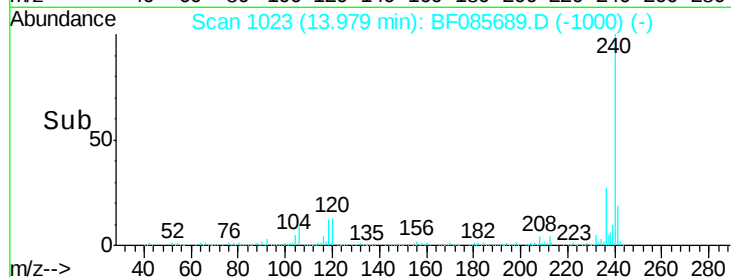
236 26.5 20.6 30.8



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: 87.59 ng

RT: 12.94 min Scan# 932

Delta R.T. -0.02 min

Lab File: BF085689.D

Acq: 23 Mar 2016 6:28

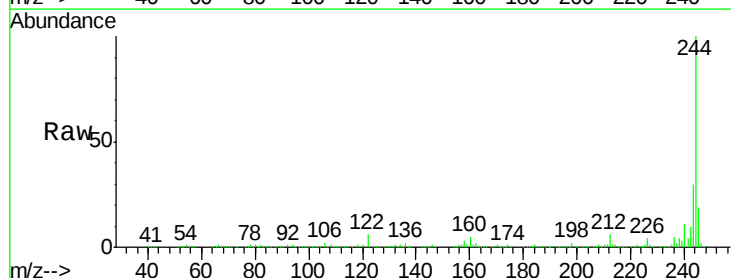
Tgt Ion:244 Resp: 858137

Ion Ratio Lower Upper

244 100

212 6.3 6.1 9.1

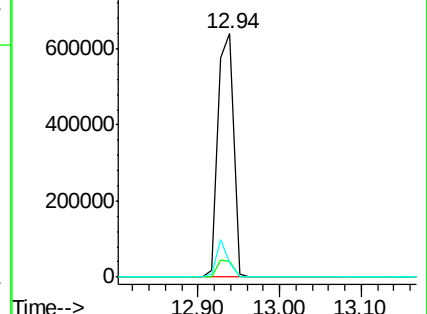
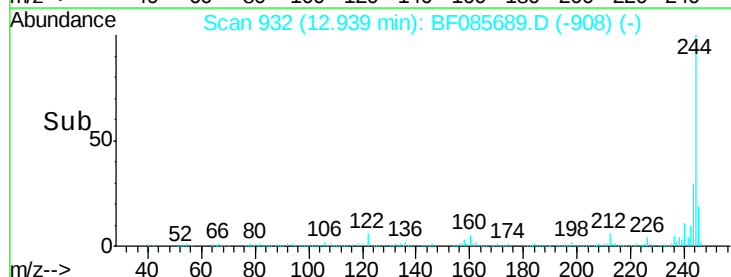
122 6.2 10.2 15.4#

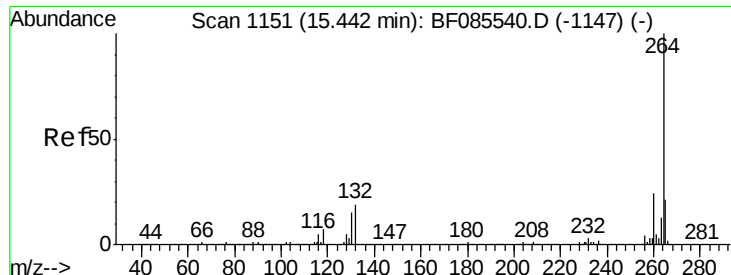


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

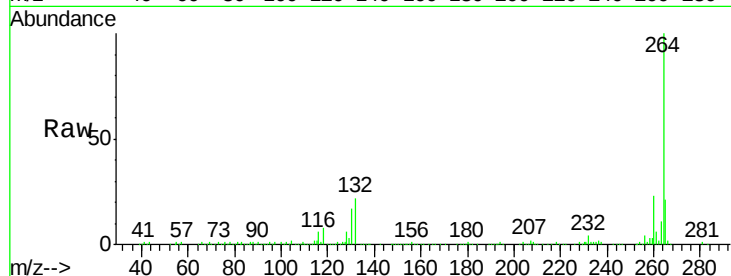




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BF085689.D
Acq: 23 Mar 2016 6:28

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-13B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.4	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

