

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085560.D
 Acq On : 19 Mar 2016 7:59
 Operator : UM/SJ
 Sample : H1804-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-7B

Quant Time: Mar 21 00:09:10 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

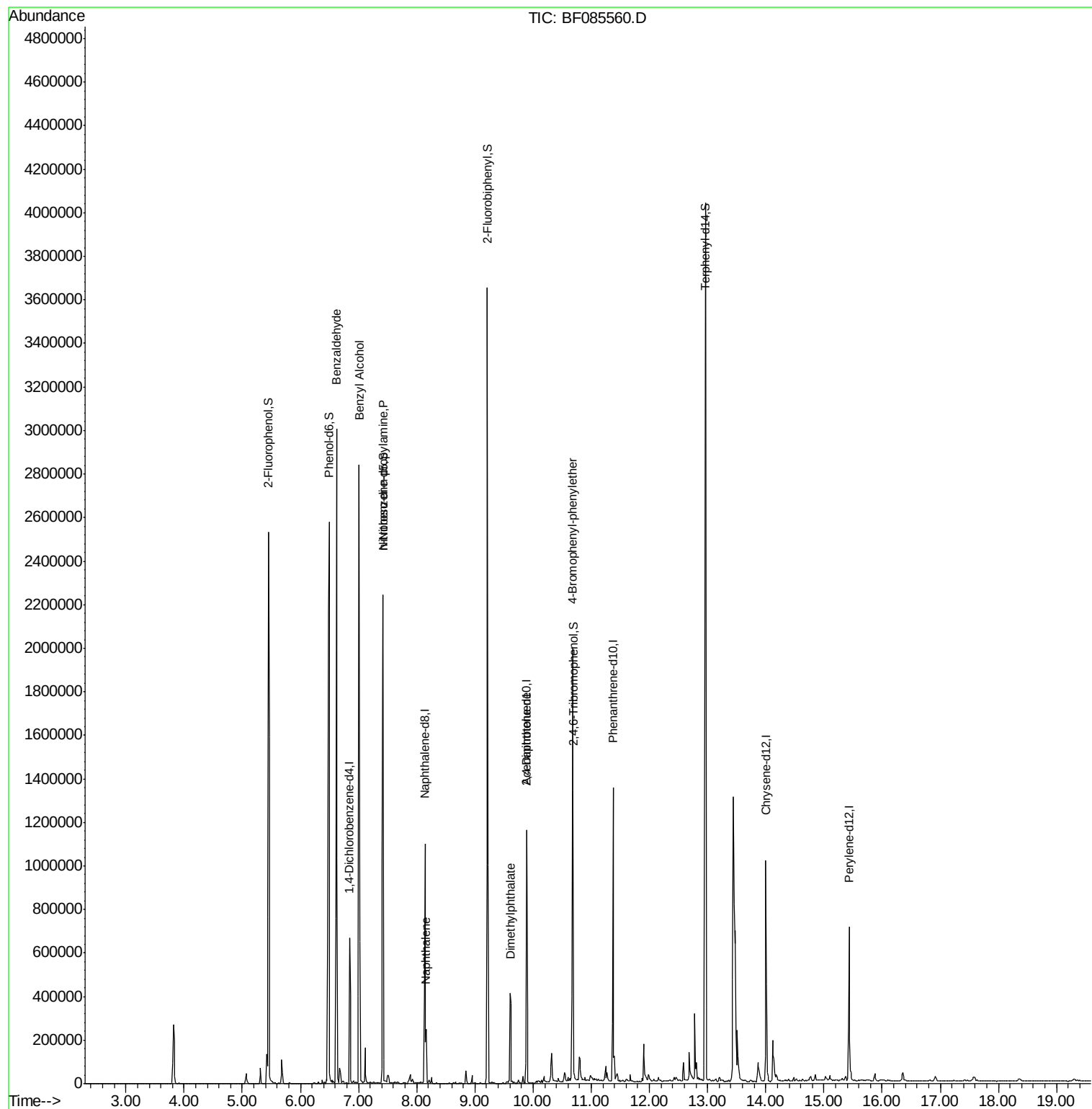
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	126299	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	532136	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	230621	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	472505	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	366238	20.00	ng	-0.01
86) Perylene-d12	15.43	264	293495	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1075417	143.02	ng	0.00
7) Phenol-d6	6.49	99	1477236	153.18	ng	0.00
23) Nitrobenzene-d5	7.42	82	837168	91.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	378898	167.72	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1347004	106.22	ng	-0.01
78) Terphenyl-d14	12.96	244	1384868	90.99	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	21734	2.56	ng	Qvalue 84
15) Benzyl Alcohol	7.01	79	13446	2.04	ng	# 46
19) n-Nitroso-di-n-propylamine	7.42	70	113262	19.66	ng	# 77
31) Naphthalene	8.16	128	138968	5.17	ng	98
49) Dimethylphthalate	9.61	163	254050	14.60	ng	98
56) 2,4-Dinitrotoluene	9.89	165	30104	6.26	ng	# 37
66) 4-Bromophenyl-phenylether	10.68	248	23048	4.88	ng	# 1

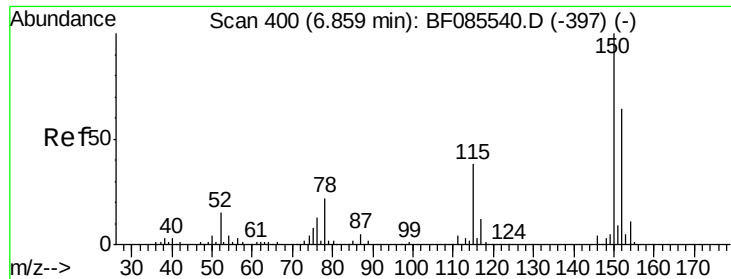
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085560.D
Acq On : 19 Mar 2016 7:59
Operator : UM/SJ
Sample : H1804-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-7B

Quant Time: Mar 21 00:09:10 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF085560.D

Acq: 19 Mar 2016 7:59

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-7B

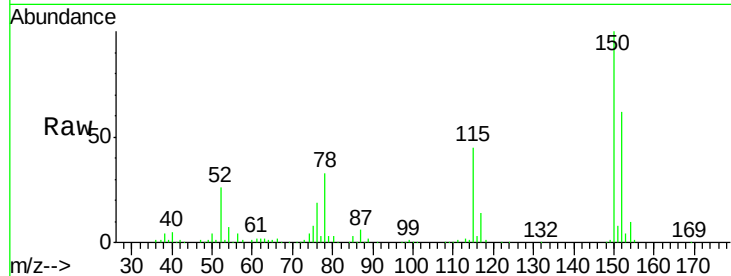
Tgt Ion:152 Resp: 126299

Ion Ratio Lower Upper

152 100

150 161.0 124.2 186.2

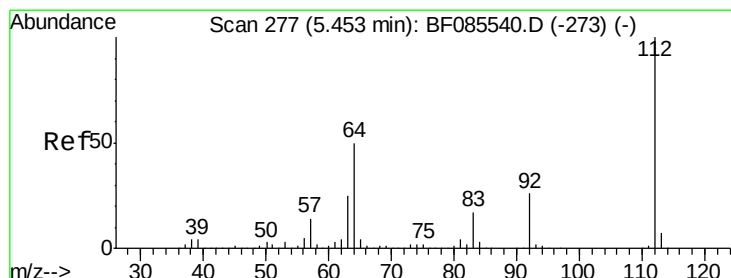
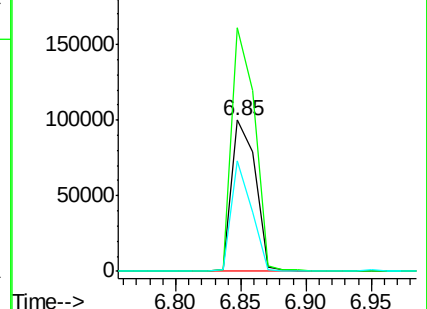
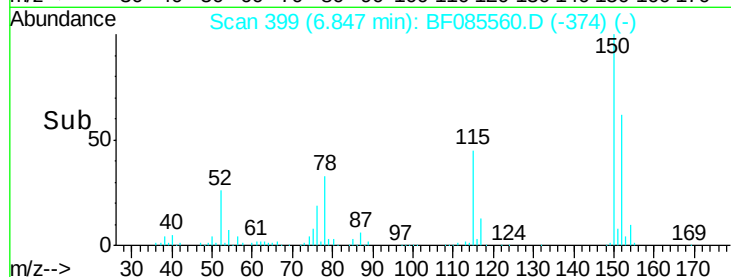
115 72.7 47.0 70.6#



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: 143.02 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.00 min

Lab File: BF085560.D

Acq: 19 Mar 2016 7:59

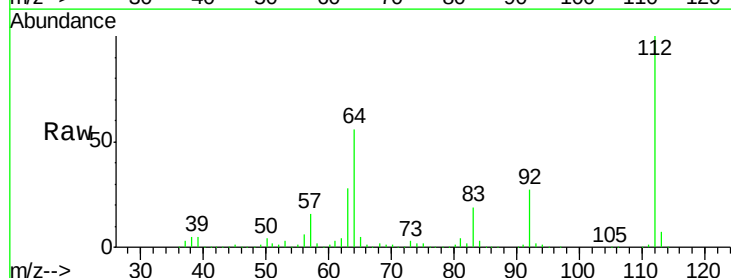
Tgt Ion:112 Resp: 1075417

Ion Ratio Lower Upper

112 100

64 56.5 39.9 59.9

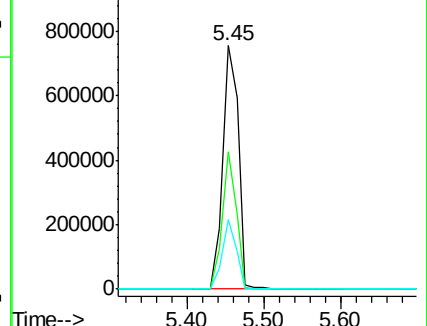
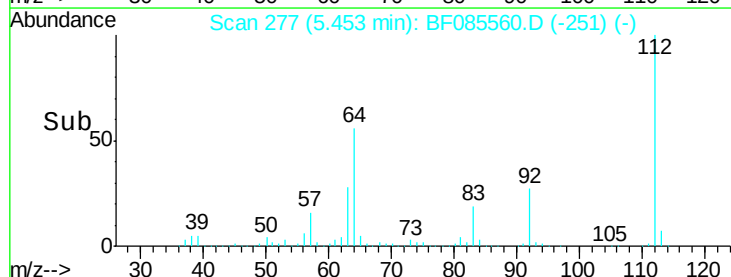
63 28.5 20.2 30.2

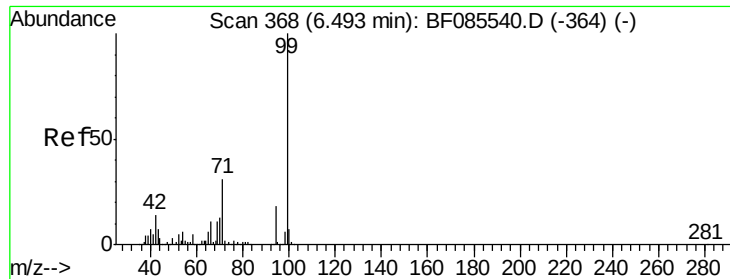


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 153.18 ng

RT: 6.49 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF085560.D

Acq: 19 Mar 2016 7:59

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-7B

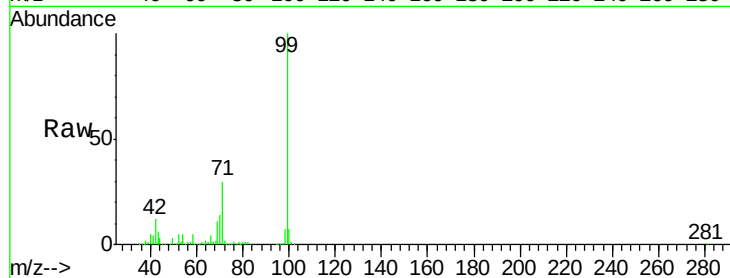
Tgt Ion: 99 Resp: 1477236

Ion Ratio Lower Upper

99 100

42 12.3 11.1 16.7

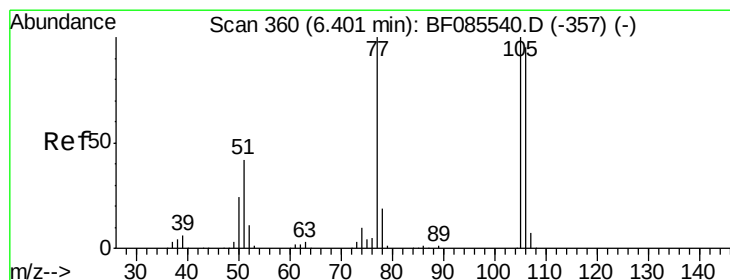
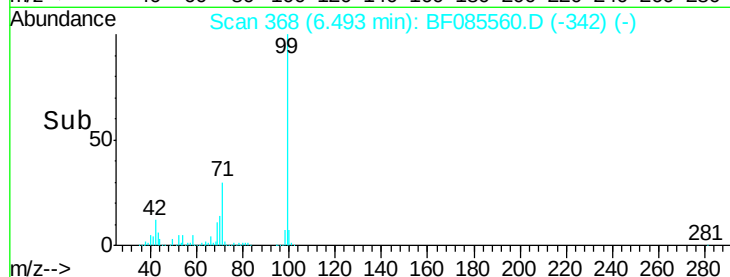
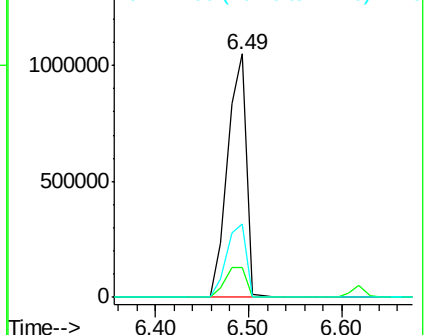
71 30.2 24.9 37.3



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: 2.56 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.22 min

Lab File: BF085560.D

Acq: 19 Mar 2016 7:59

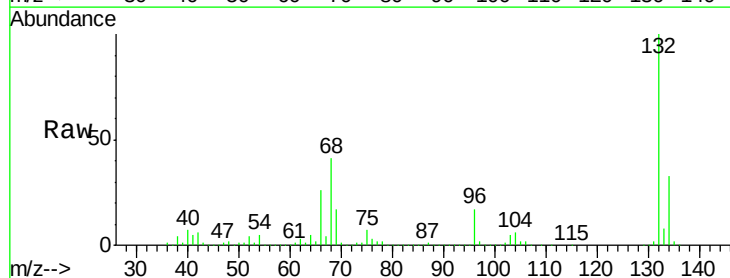
Tgt Ion: 77 Resp: 21734

Ion Ratio Lower Upper

77 100

105 84.4 80.1 120.1

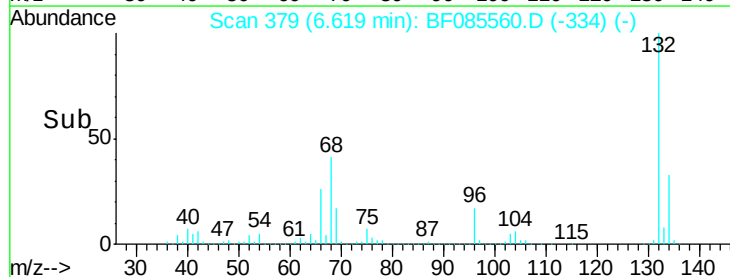
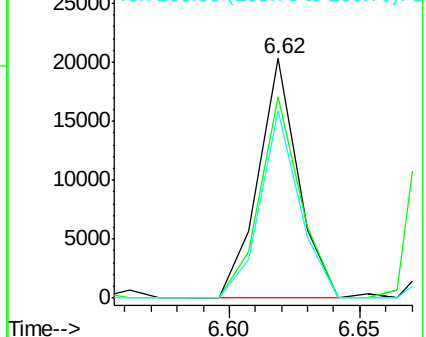
106 78.4 75.0 115.0

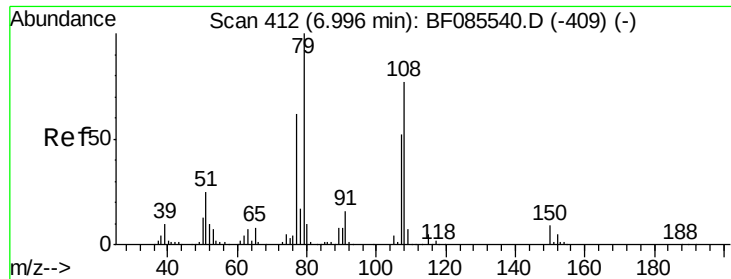


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.04 ng

RT: 7.01 min Scan# 413

Delta R.T. 0.01 min

Lab File: BF085560.D

Acq: 19 Mar 2016 7:59

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-7B

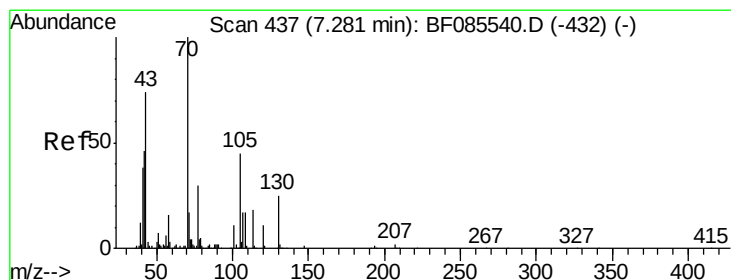
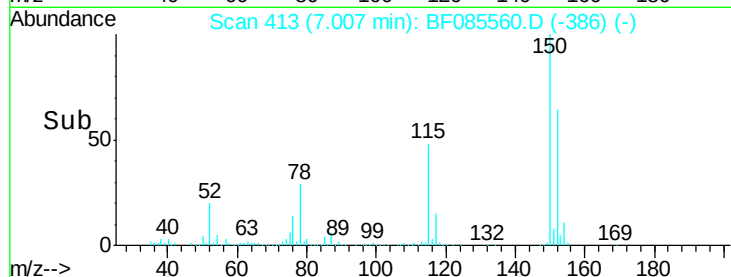
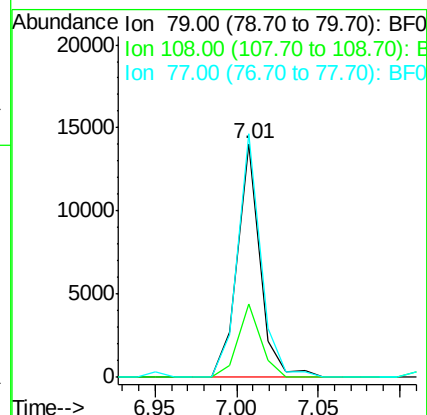
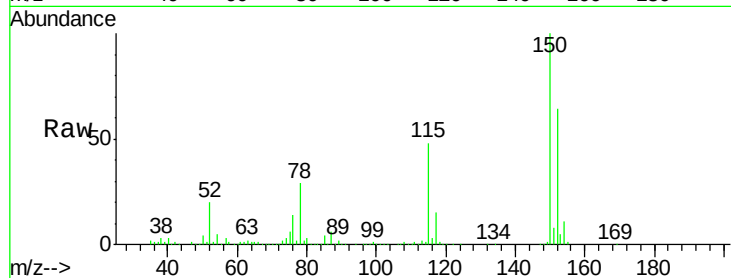
Tgt Ion: 79 Resp: 13446

Ion Ratio Lower Upper

79 100

108 31.2 61.8 92.6#

77 104.3 49.6 74.4#



#19

n-Nitroso-di-n-propylamine

Concen: 19.66 ng

RT: 7.42 min Scan# 449

Delta R.T. 0.14 min

Lab File: BF085560.D

Acq: 19 Mar 2016 7:59

Tgt Ion: 70 Resp: 113262

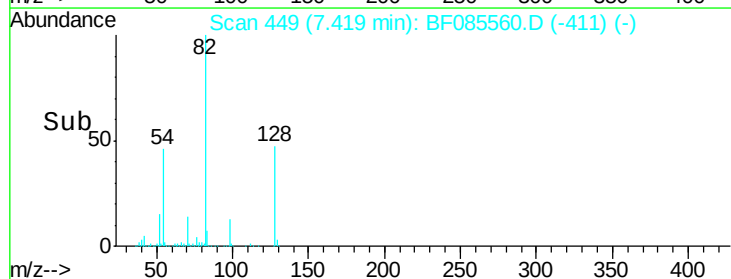
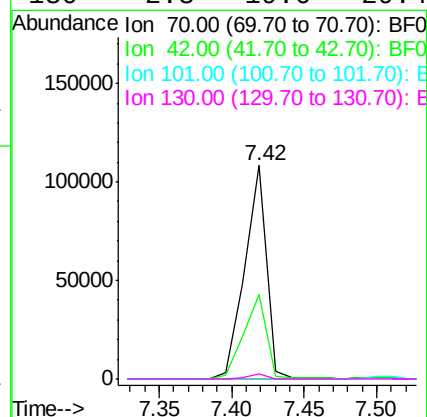
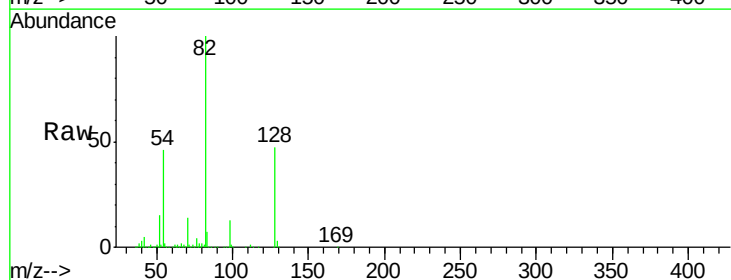
Ion Ratio Lower Upper

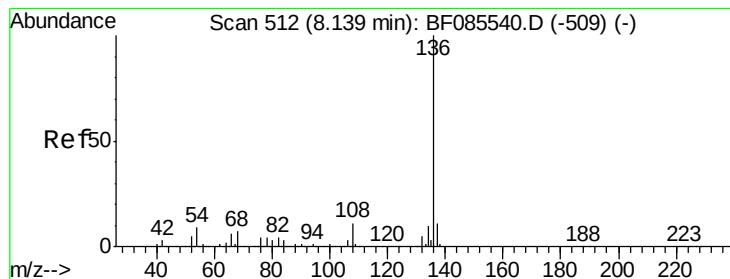
70 100

42 39.5 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: 8.14 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF085560.D

Acq: 19 Mar 2016 7:59

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-7B

Tgt Ion: 136 Resp: 532136

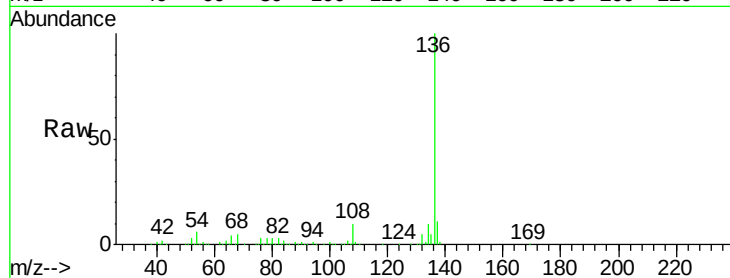
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.1 7.4 11.0#

68 5.2 5.8 8.8#

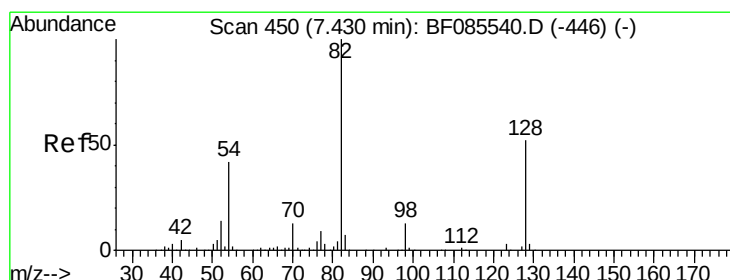
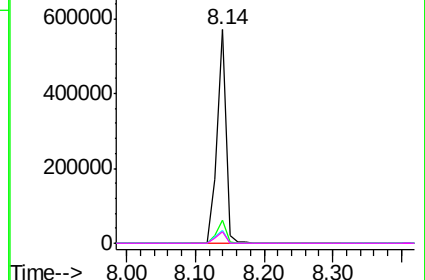
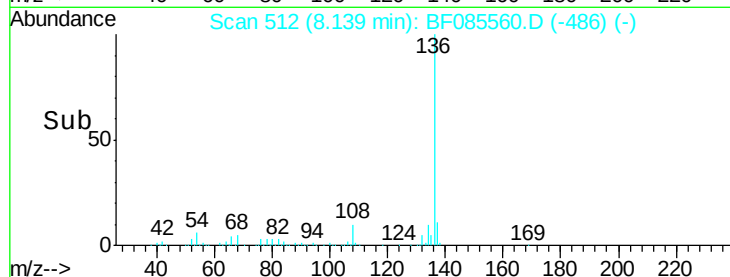


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.32 ng

RT: 7.42 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF085560.D

Acq: 19 Mar 2016 7:59

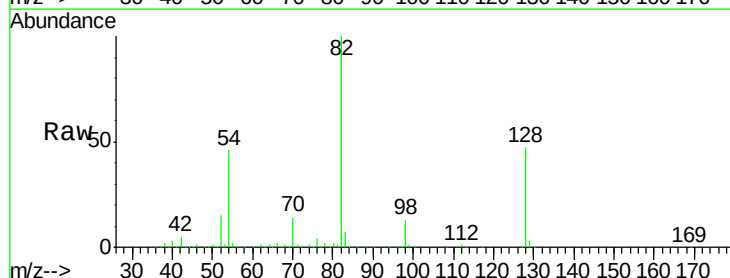
Tgt Ion: 82 Resp: 837168

Ion Ratio Lower Upper

82 100

128 47.1 41.8 62.8

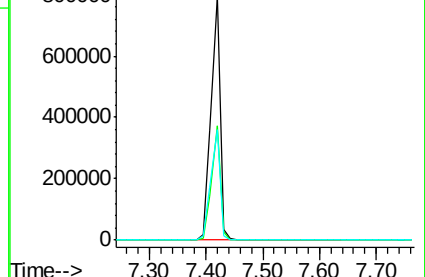
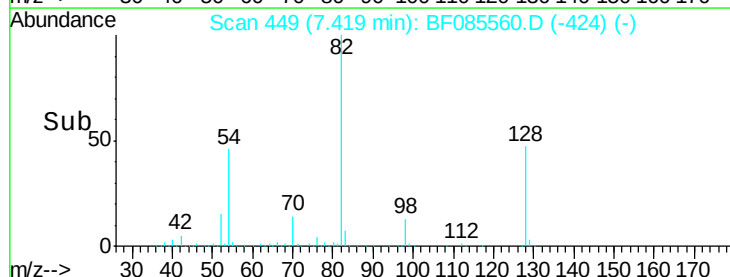
54 45.6 33.4 50.0

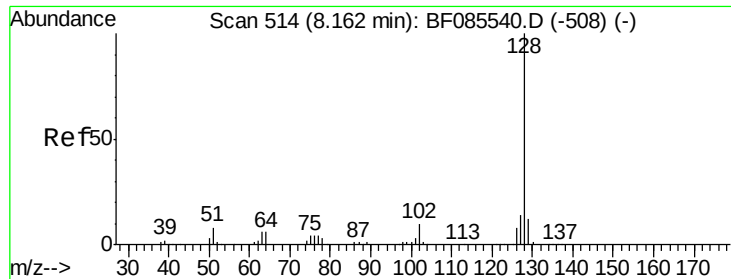


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

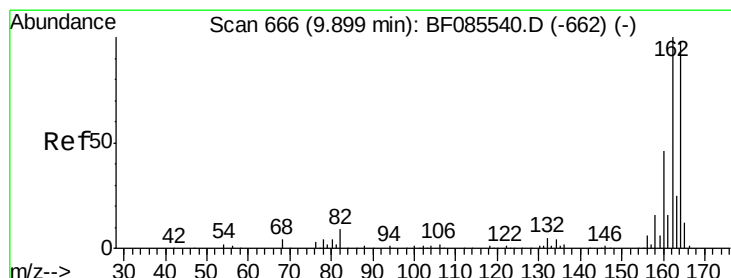
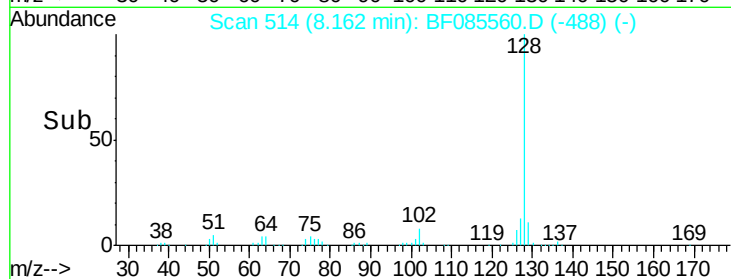
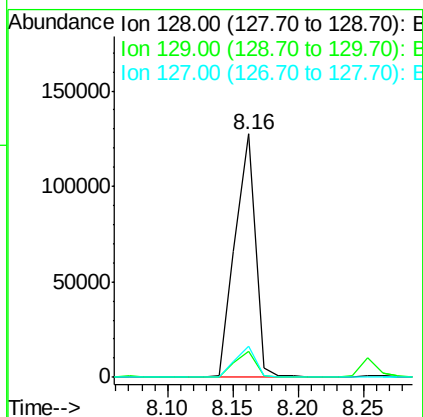
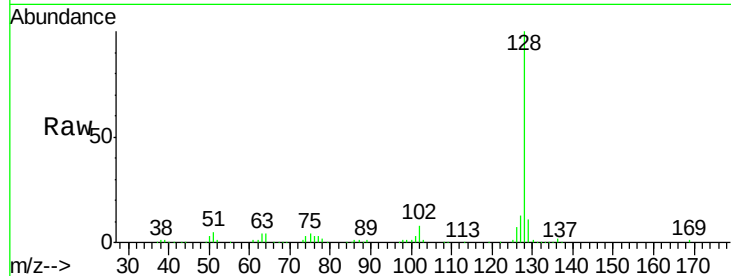




#31
Naphthalene
Concen: 5.17 ng
RT: 8.16 min Scan# 514
Delta R.T. 0.00 min
Lab File: BF085560.D
Acq: 19 Mar 2016 7:59

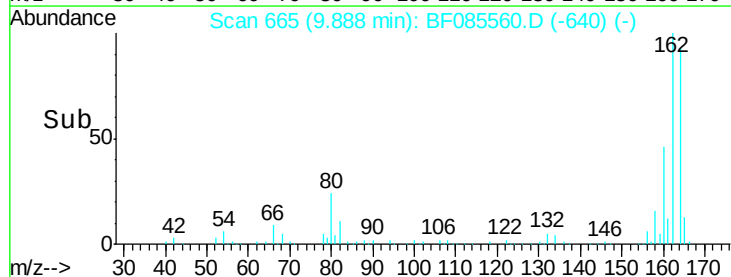
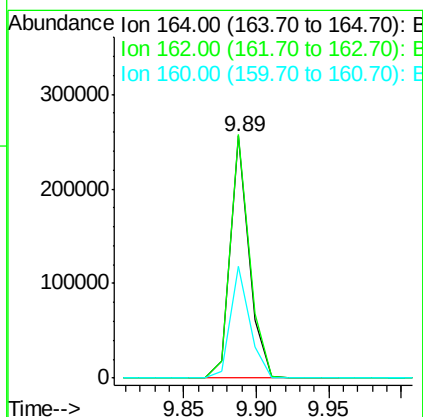
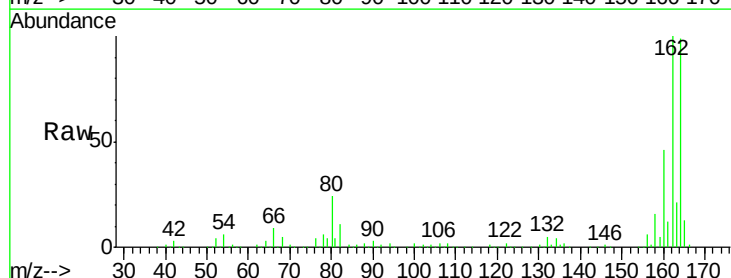
Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-7B

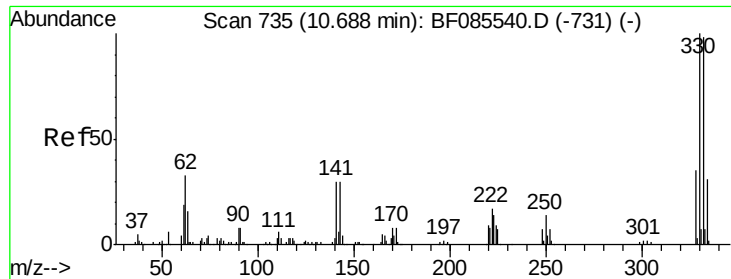
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.4	14.0
127	12.9	11.0	16.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF085560.D
Acq: 19 Mar 2016 7:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	82.1	123.1
160	46.2	37.4	56.2

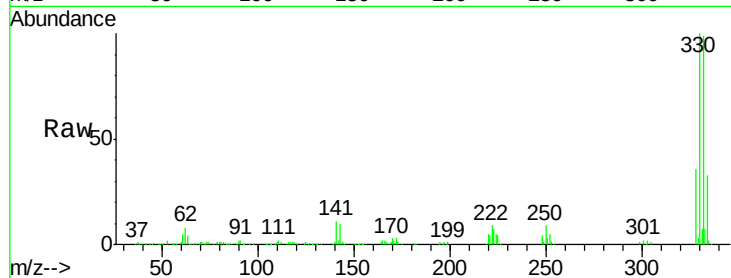




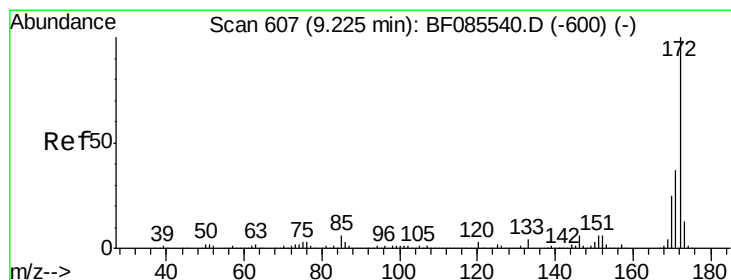
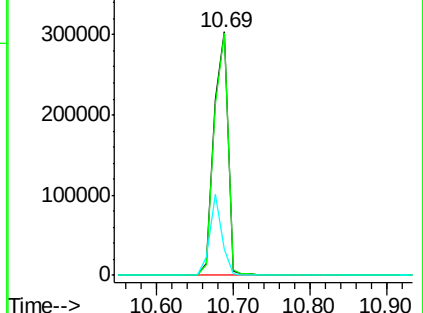
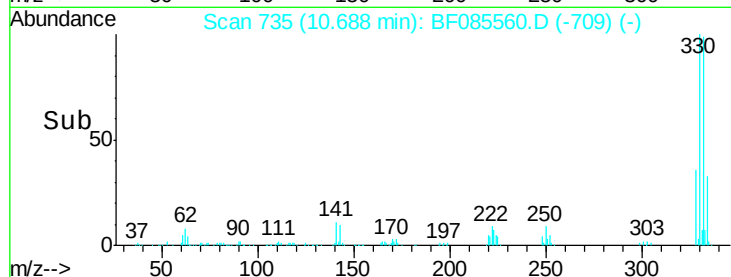
#41
 2,4,6-Tribromophenol
 Concen: 167.72 ng
 RT: 10.69 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF085560.D
 Acq: 19 Mar 2016 7:59

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-7B

Tgt Ion:330 Resp: 378898
 Ion Ratio Lower Upper
 330 100
 332 98.0 78.2 117.2
 141 29.5 31.5 47.3#

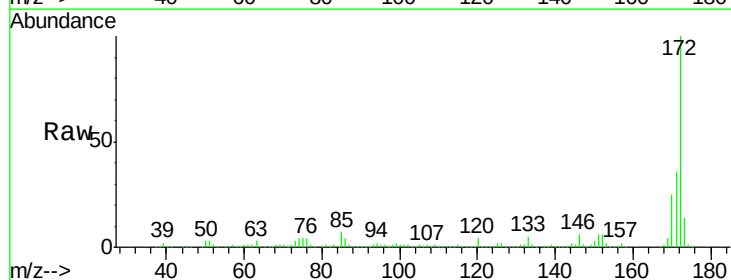


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

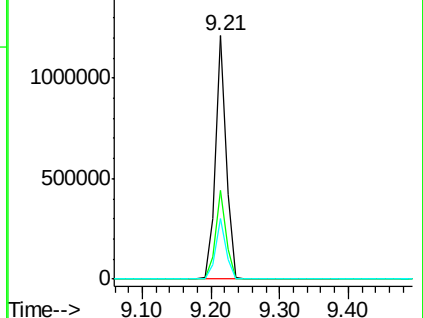
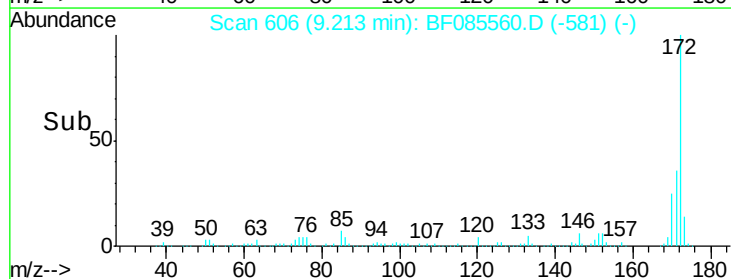


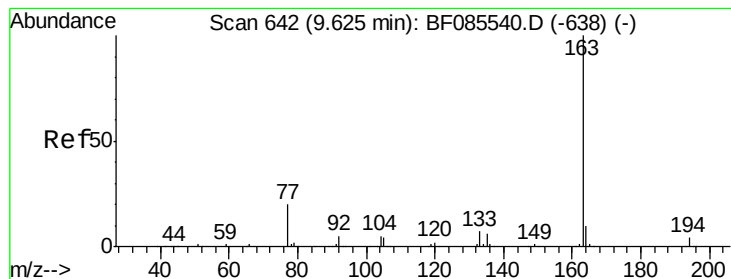
#44
 2-Fluorobiphenyl
 Concen: 106.22 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085560.D
 Acq: 19 Mar 2016 7:59

Tgt Ion:172 Resp: 1347004
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.2
 170 24.8 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: 14.60 ng

RT: 9.61 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF085560.D

Acq: 19 Mar 2016 7:59

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-7B

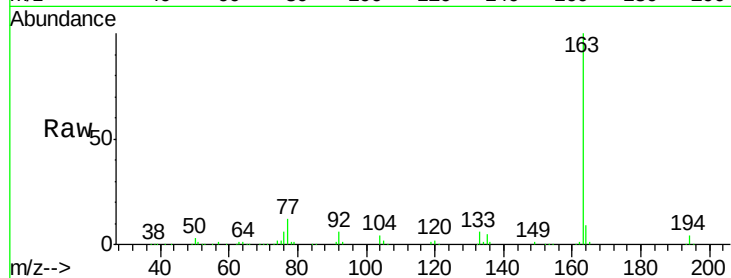
Tgt Ion:163 Resp: 254050

Ion Ratio Lower Upper

163 100

194 3.9 2.9 4.3

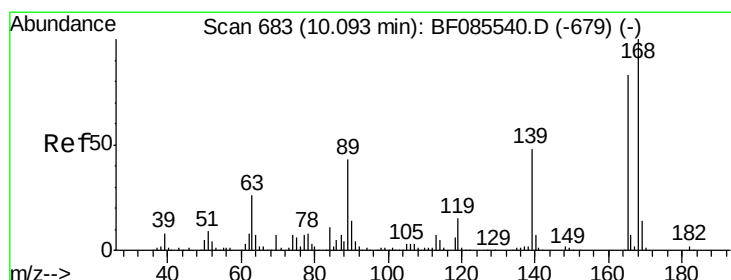
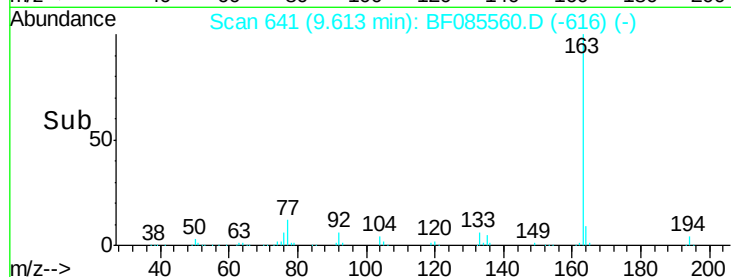
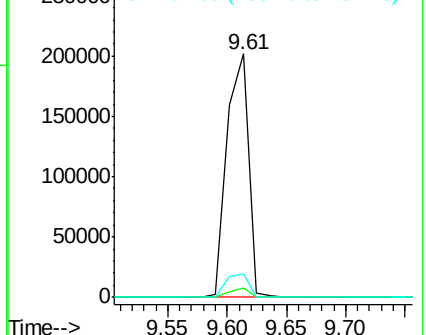
164 9.4 8.3 12.5



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: 6.26 ng

RT: 9.89 min Scan# 665

Delta R.T. -0.21 min

Lab File: BF085560.D

Acq: 19 Mar 2016 7:59

Tgt Ion:165 Resp: 30104

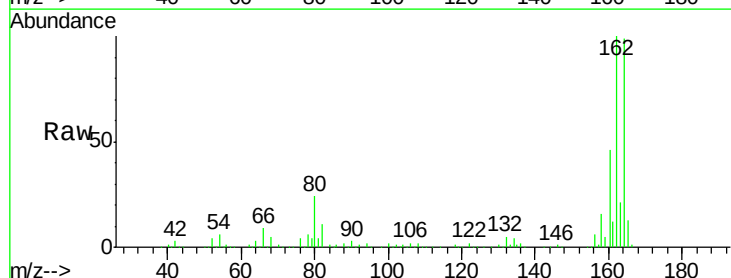
Ion Ratio Lower Upper

165 100

63 1.0 24.9 37.3#

89 1.6 41.0 61.6#

182 0.0 2.1 3.1#

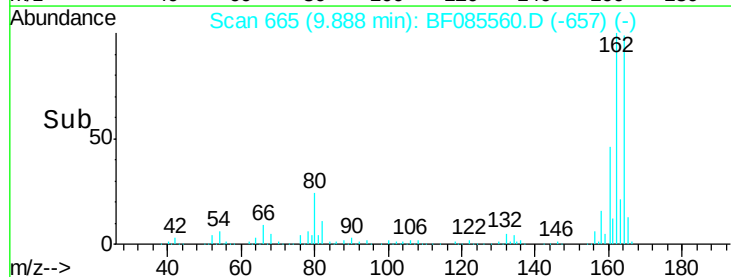
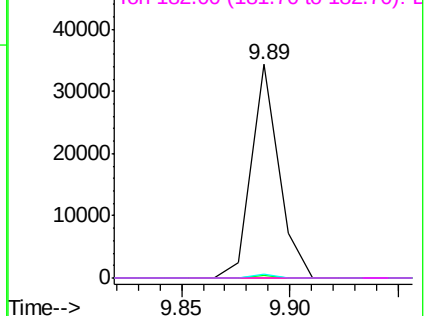


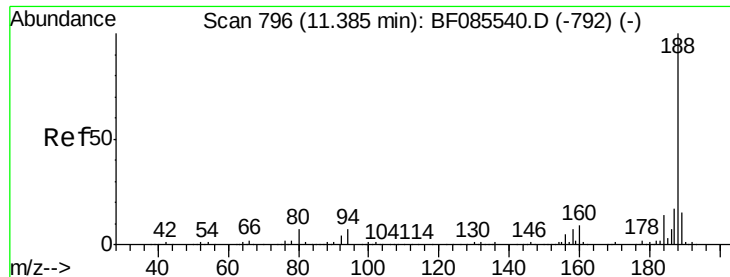
Abundance Ion 165.00 (164.70 to 165.70): E

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

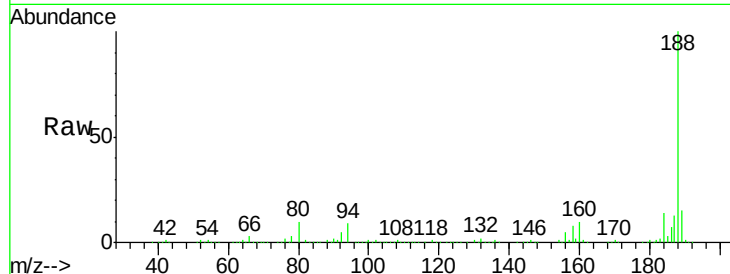




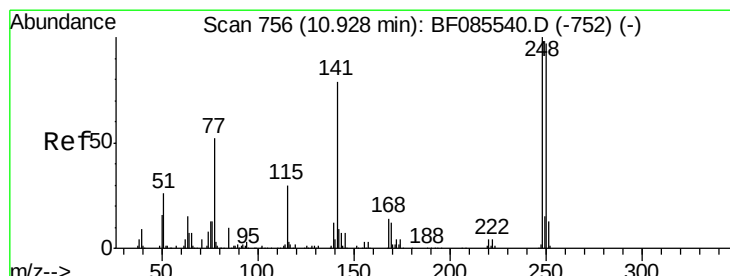
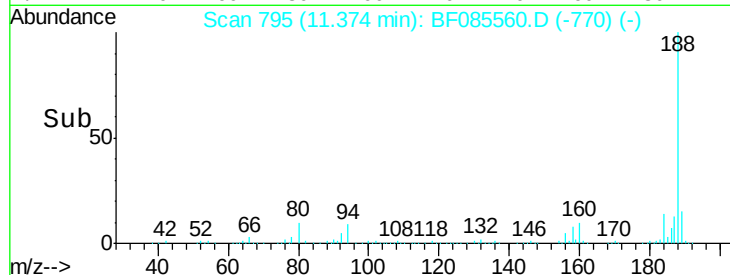
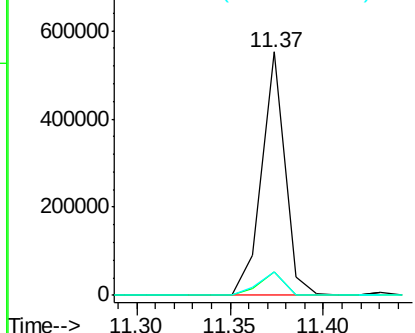
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF085560.D
Acq: 19 Mar 2016 7:59

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-7B

Tgt Ion:188 Resp: 472505
Ion Ratio Lower Upper
188 100
94 9.4 5.4 8.0#
80 9.7 5.5 8.3#

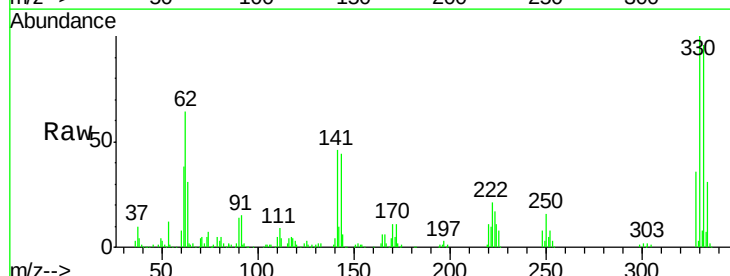


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

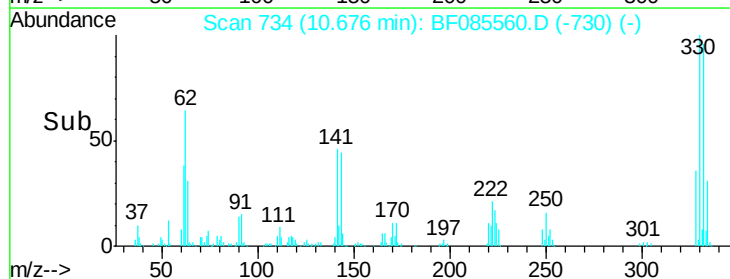
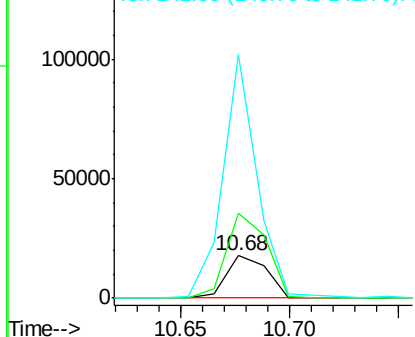


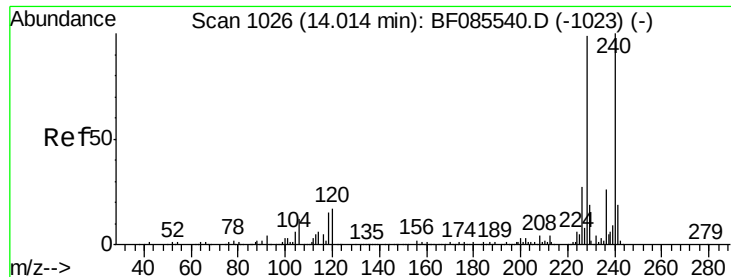
#66
4-Bromophenyl-phenylether
Concen: 4.88 ng
RT: 10.68 min Scan# 734
Delta R.T. -0.25 min
Lab File: BF085560.D
Acq: 19 Mar 2016 7:59

Tgt Ion:248 Resp: 23048
Ion Ratio Lower Upper
248 100
250 199.1 77.4 116.0#
141 573.4 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: 14.00 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF085560.D

Acq: 19 Mar 2016 7:59

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-7B

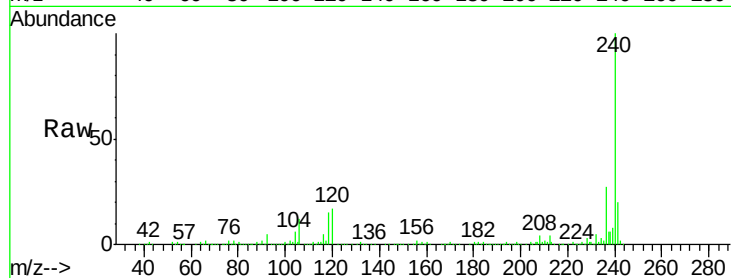
Tgt Ion:240 Resp: 366238

Ion Ratio Lower Upper

240 100

120 17.1 13.8 20.8

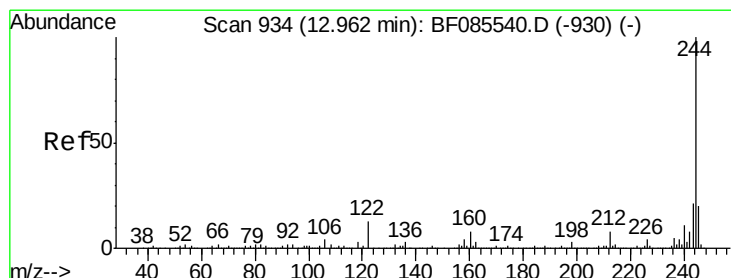
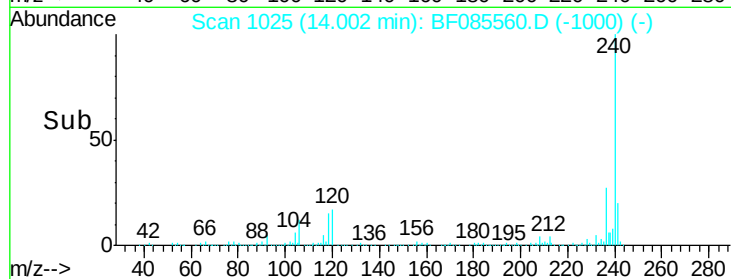
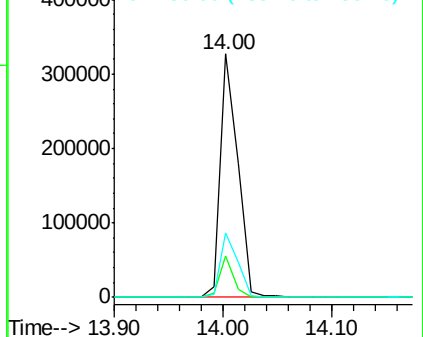
236 26.6 20.6 30.8



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: 90.99 ng

RT: 12.96 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF085560.D

Acq: 19 Mar 2016 7:59

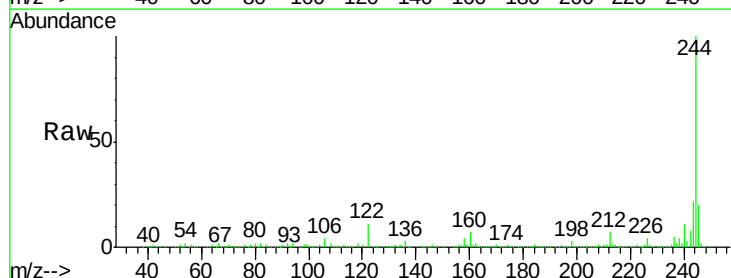
Tgt Ion:244 Resp: 1384868

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

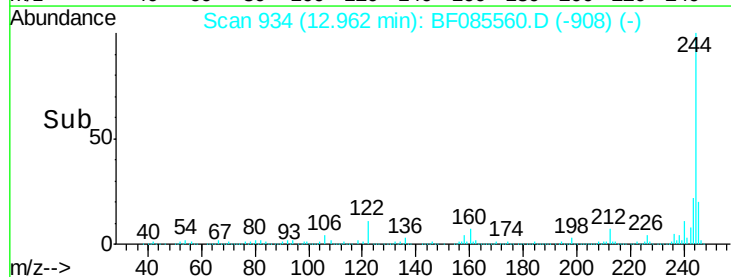
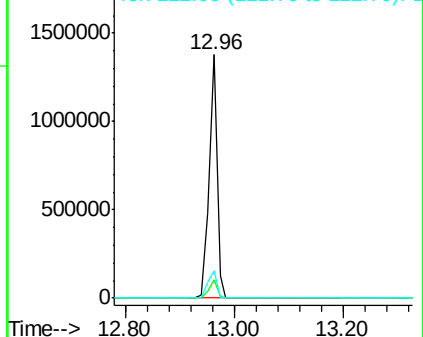
122 11.1 10.2 15.4

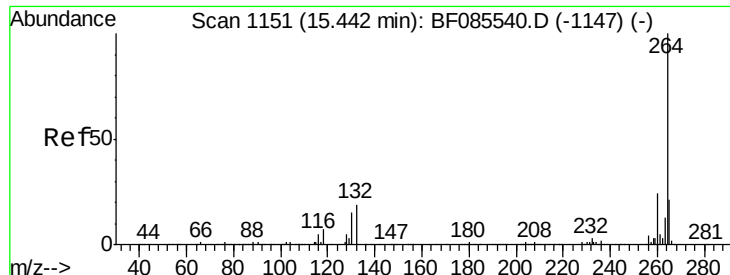


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

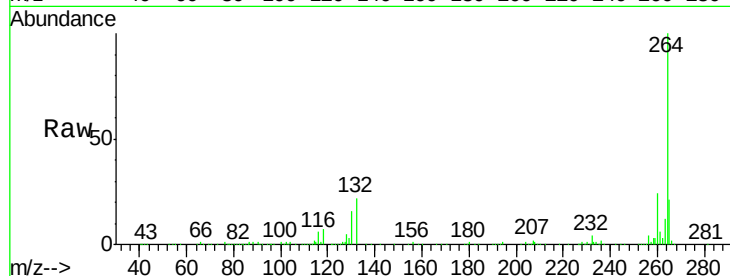




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF085560.D
Acq: 19 Mar 2016 7:59

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-7B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	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

