

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
 Data File : BF085688.D
 Acq On : 23 Mar 2016 6:00
 Operator : UM/SJ
 Sample : H1858-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Mar 23 05:42:40 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

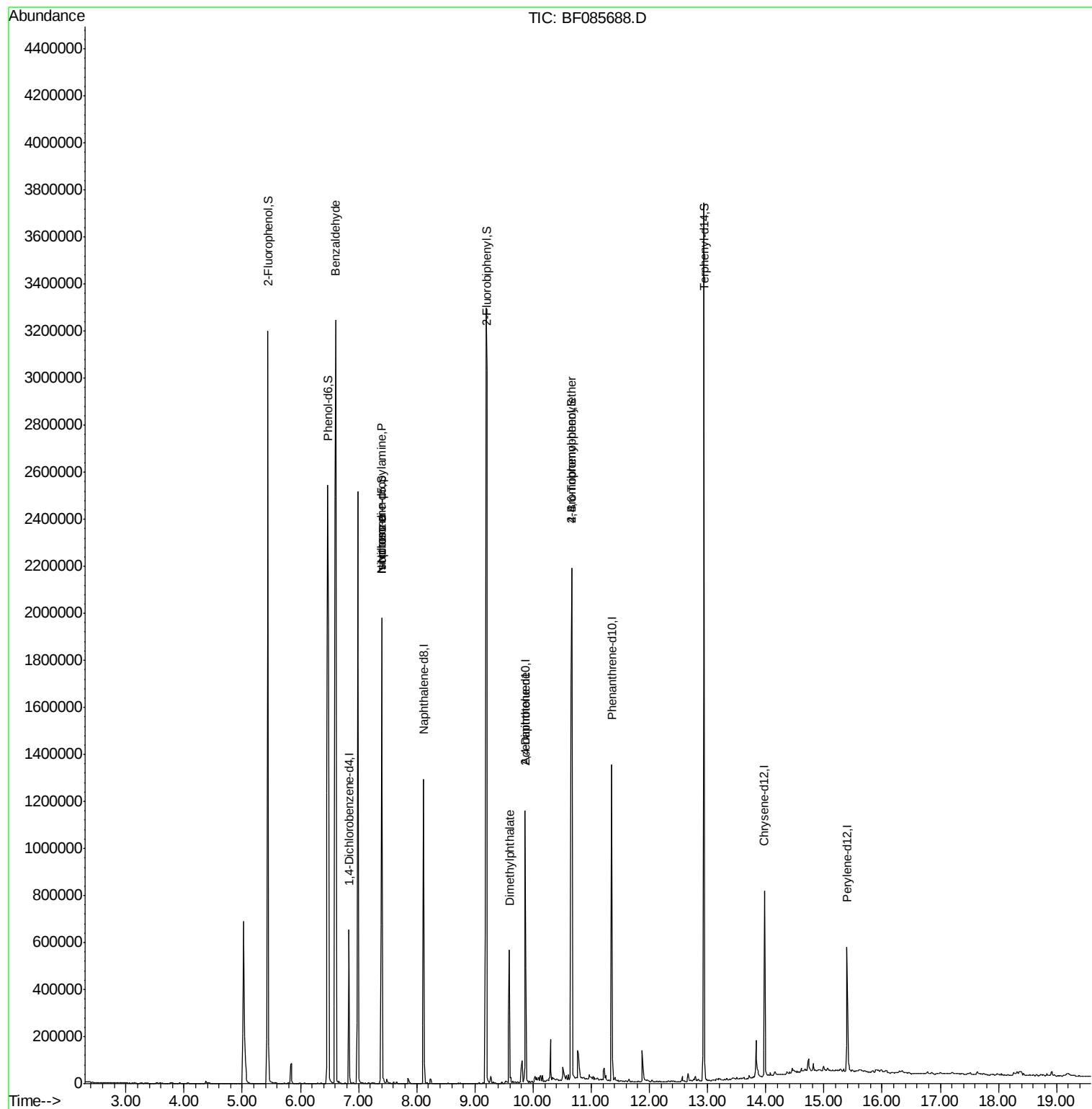
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	138345	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	565978	20.00	ng	-0.02
38) Acenaphthene-d10	9.86	164	246410	20.00	ng	-0.03
63) Phenanthrene-d10	11.35	188	448820	20.00	ng	-0.03
75) Chrysene-d12	13.98	240	256196	20.00	ng	-0.03
86) Perylene-d12	15.40	264	239250	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1149545	139.57	ng	-0.01
7) Phenol-d6	6.47	99	1600559	151.51	ng	-0.02
23) Nitrobenzene-d5	7.40	82	989263	101.46	ng	-0.03
41) 2,4,6-Tribromophenol	10.66	330	426014	176.50	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1687113	137.67	ng	-0.02
78) Terphenyl-d14	12.94	244	1310722	123.11	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.61	77	28309	3.36	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.40	70	127677	20.23	ng	# 79
25) Isophorone	7.40	82	814608	41.73	ng	# 68
49) Dimethylphthalate	9.59	163	261624	14.07	ng	98
56) 2,4-Dinitrotoluene	9.86	165	31593	6.15	ng	# 37
66) 4-Bromophenyl-phenylether	10.66	248	26908	6.00	ng	# 1

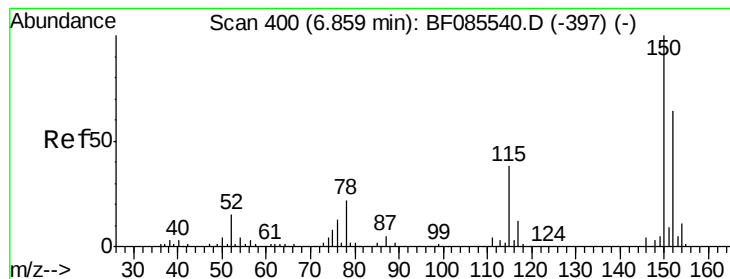
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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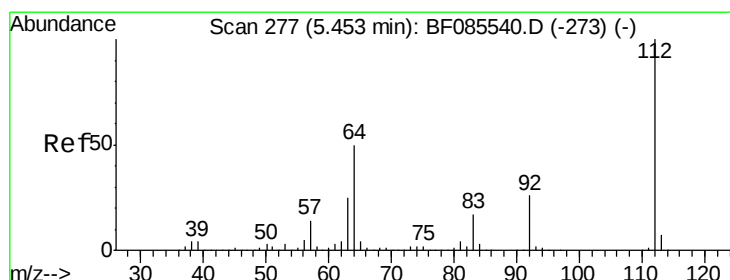
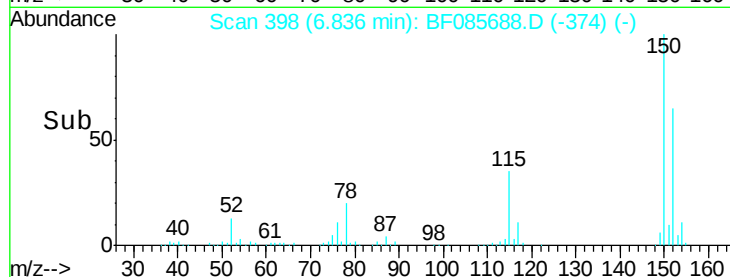
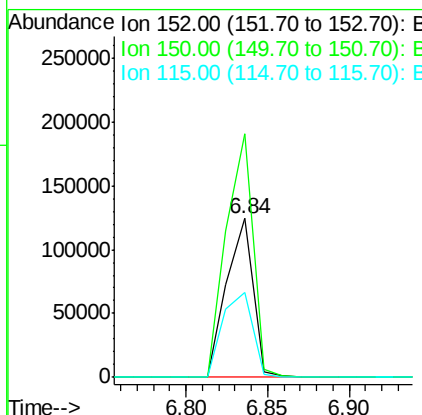
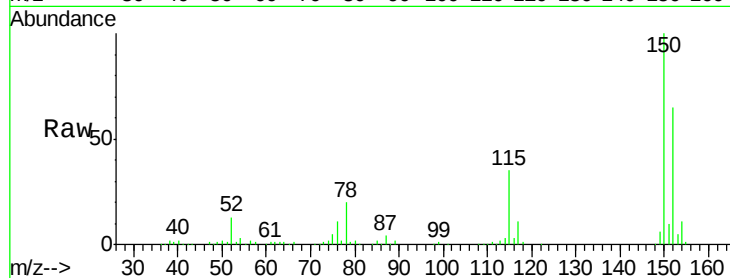




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 398
 Delta R.T. -0.02 min
 Lab File: BF085688.D
 Acq: 23 Mar 2016 6:00

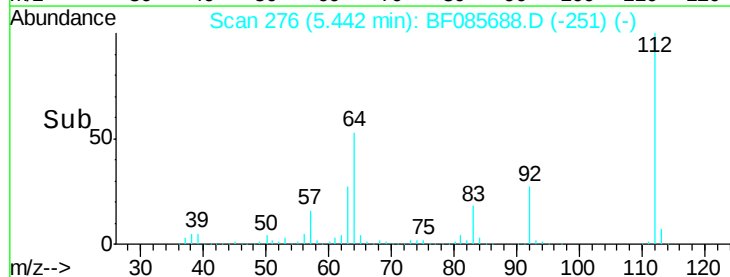
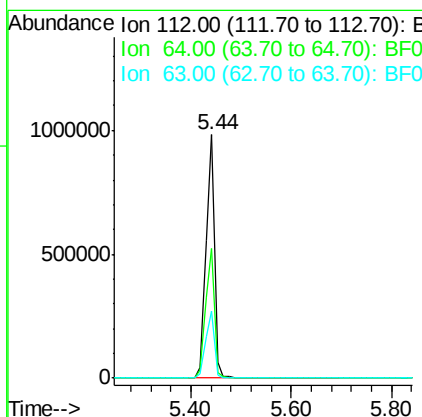
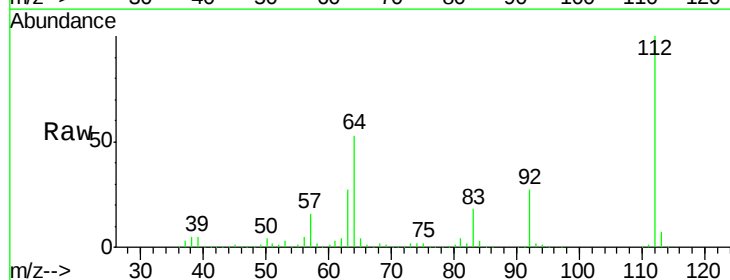
Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-13A

Tgt Ion:152 Resp: 138345
 Ion Ratio Lower Upper
 152 100
 150 153.6 124.2 186.2
 115 53.2 47.0 70.6



#5
 2-Fluorophenol
 Concen: 139.57 ng
 RT: 5.44 min Scan# 276
 Delta R.T. -0.01 min
 Lab File: BF085688.D
 Acq: 23 Mar 2016 6:00

Tgt Ion:112 Resp: 1149545
 Ion Ratio Lower Upper
 112 100
 64 53.4 39.9 59.9
 63 27.5 20.2 30.2





#7

Phenol-d6

Concen: 151.51 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF085688.D

Acq: 23 Mar 2016 6:00

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-13A

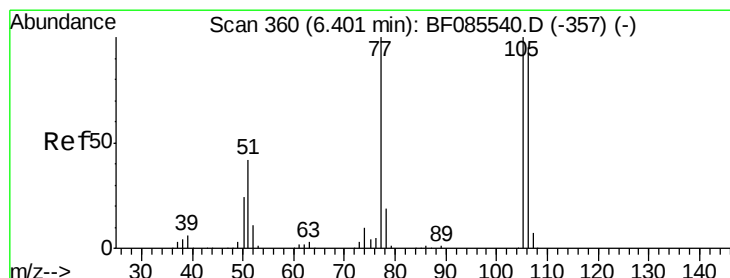
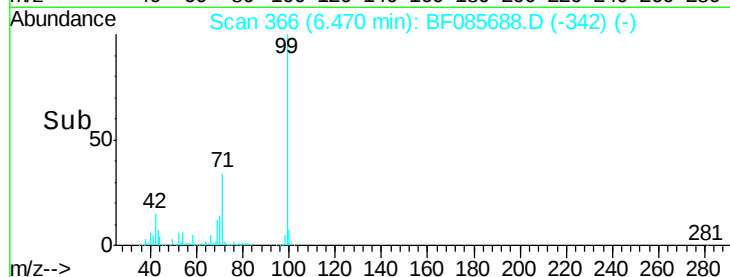
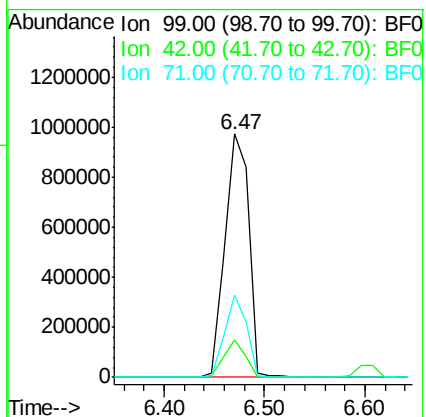
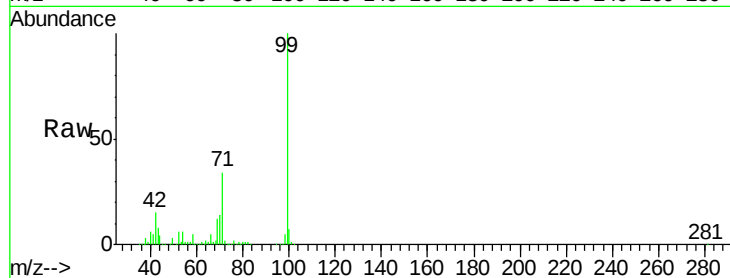
Tgt Ion: 99 Resp: 1600559

Ion Ratio Lower Upper

99 100

42 15.4 11.1 16.7

71 33.9 24.9 37.3



#9

Benzaldehyde

Concen: 3.36 ng

RT: 6.61 min Scan# 378

Delta R.T. 0.21 min

Lab File: BF085688.D

Acq: 23 Mar 2016 6:00

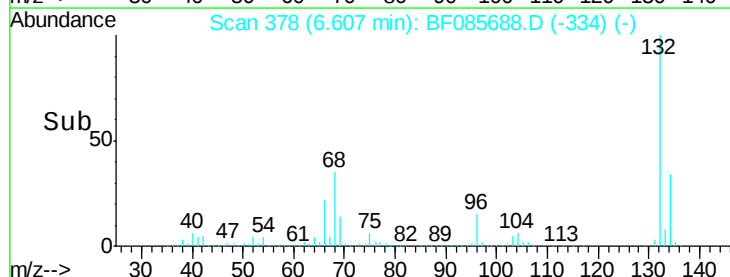
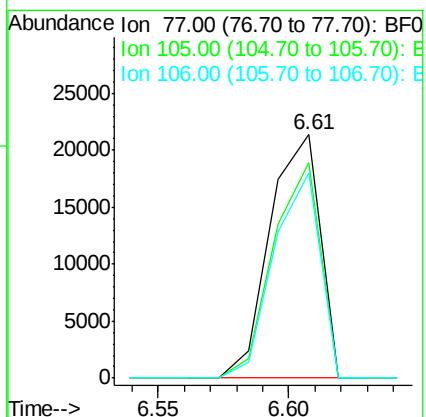
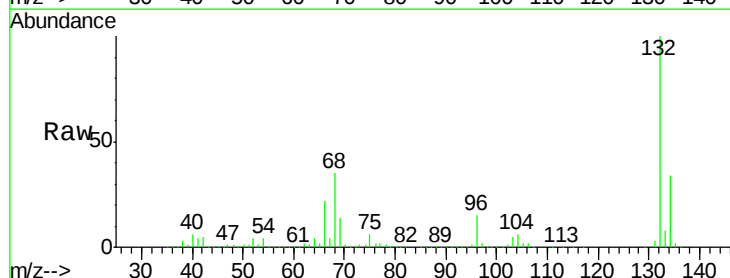
Tgt Ion: 77 Resp: 28309

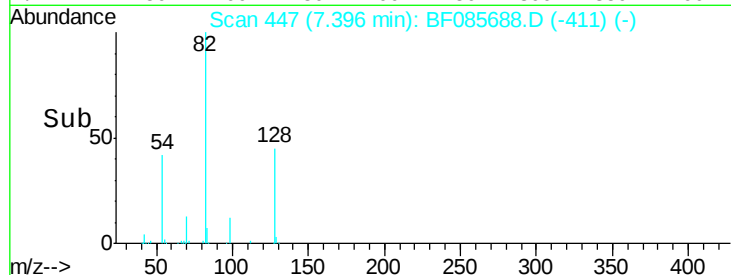
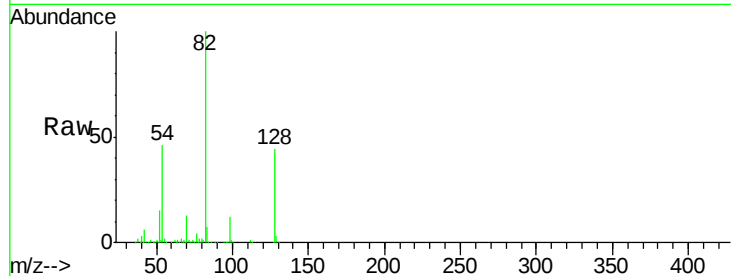
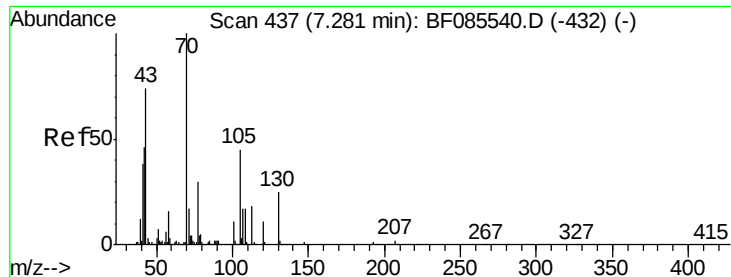
Ion Ratio Lower Upper

77 100

105 88.6 80.1 120.1

106 84.4 75.0 115.0

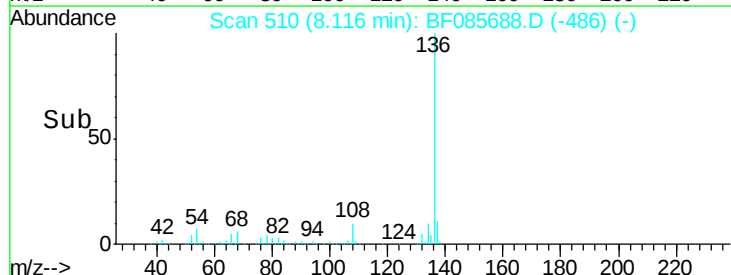
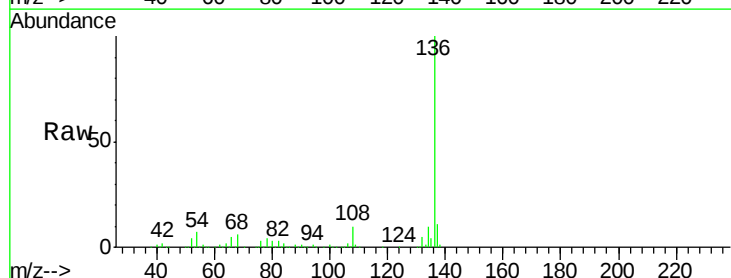
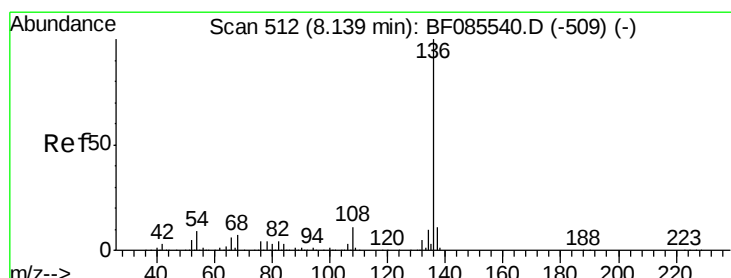
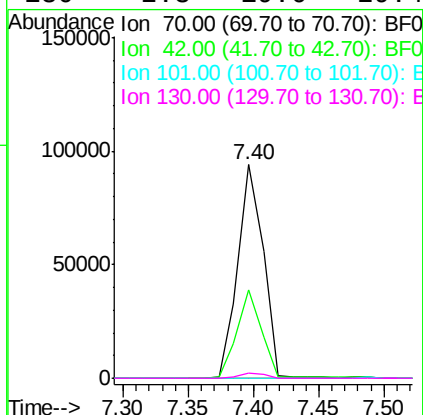




#19
n-Nitroso-di-n-propylamine
Concen: 20.23 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.11 min
Lab File: BF085688.D
Acq: 23 Mar 2016 6:00

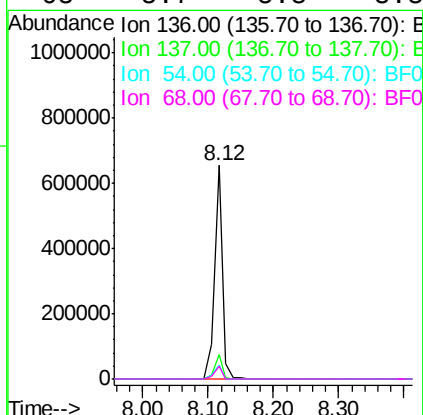
Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-13A

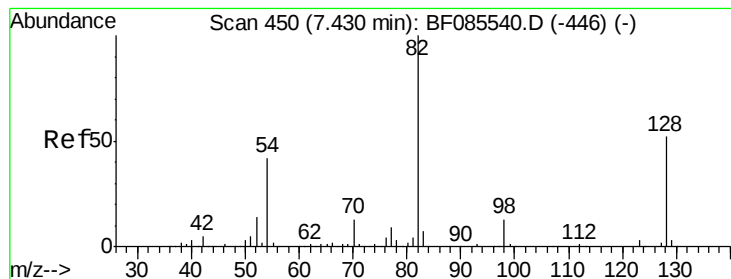
Tgt Ion: 70 Resp: 127677
Ion Ratio Lower Upper
70 100
42 41.6 37.1 55.7
101 0.0 8.6 12.8#
130 2.3 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.02 min
Lab File: BF085688.D
Acq: 23 Mar 2016 6:00

Tgt Ion: 136 Resp: 565978
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 6.6 7.4 11.0#
68 5.7 5.8 8.8#





#23

Nitrobenzene-d5

Concen: 101.46 ng

RT: 7.40 min Scan# 447

Delta R.T. -0.03 min

Lab File: BF085688.D

Acq: 23 Mar 2016 6:00

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-13A

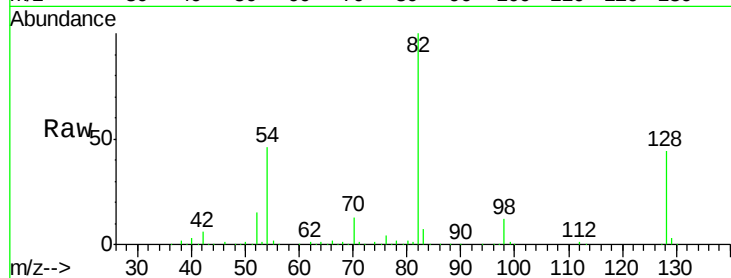
Tgt Ion: 82 Resp: 989263

Ion Ratio Lower Upper

82 100

128 44.5 41.8 62.8

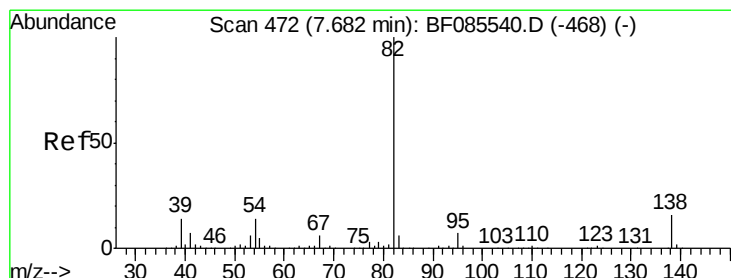
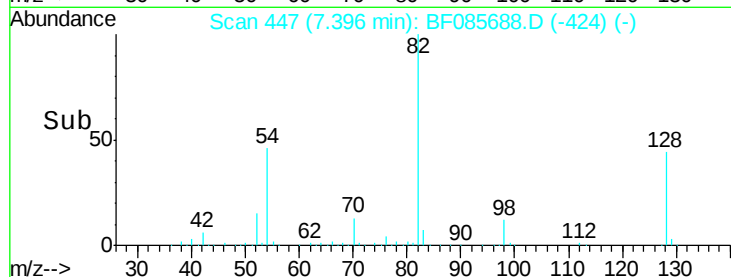
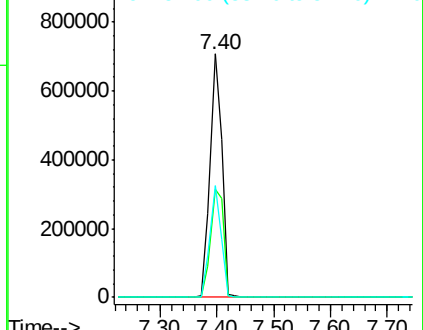
54 46.1 33.4 50.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 41.73 ng

RT: 7.40 min Scan# 447

Delta R.T. -0.29 min

Lab File: BF085688.D

Acq: 23 Mar 2016 6:00

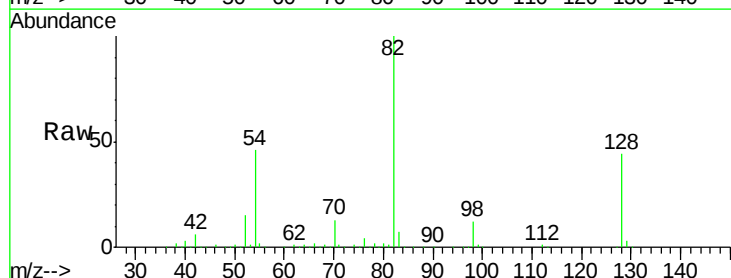
Tgt Ion: 82 Resp: 814608

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

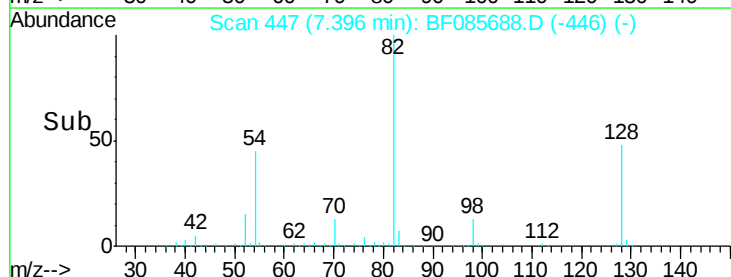
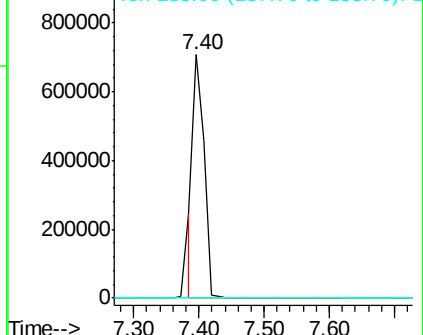
138 0.0 12.9 19.3#

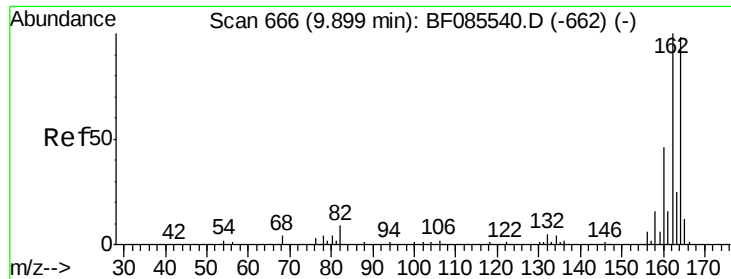


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

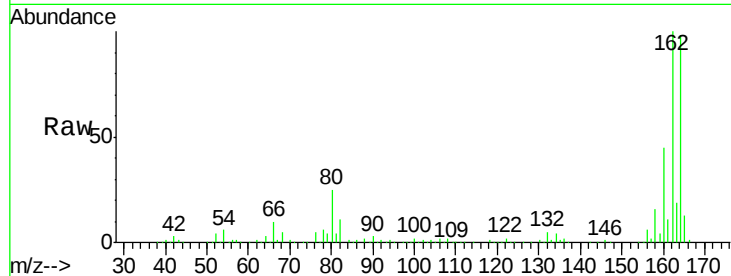




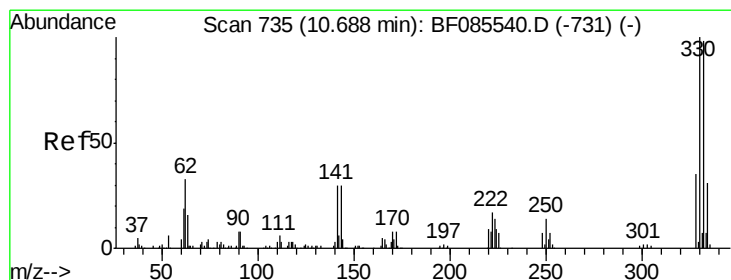
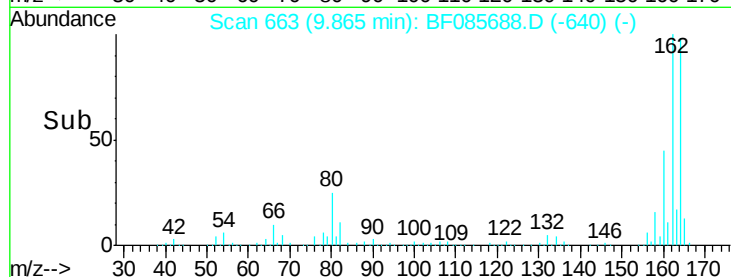
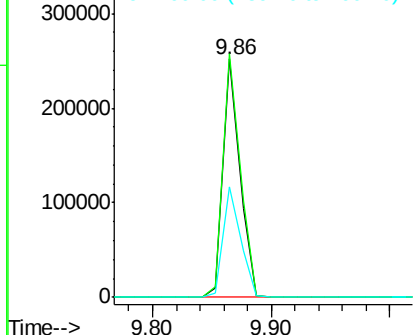
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.03 min
 Lab File: BF085688.D
 Acq: 23 Mar 2016 6:00

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

Tgt Ion:164 Resp: 246410
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.1 123.1
 160 46.4 37.4 56.2

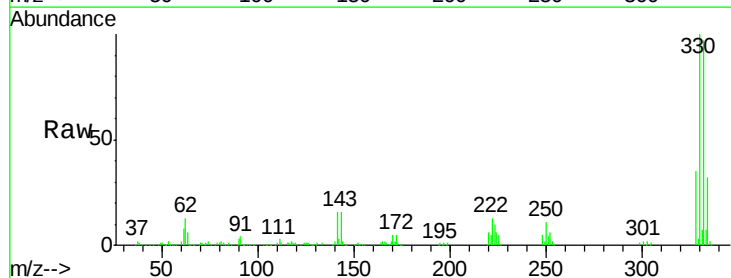


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

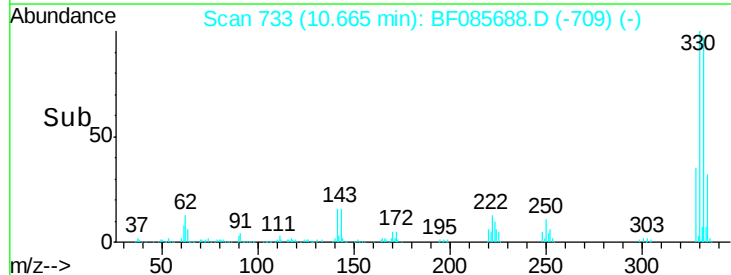
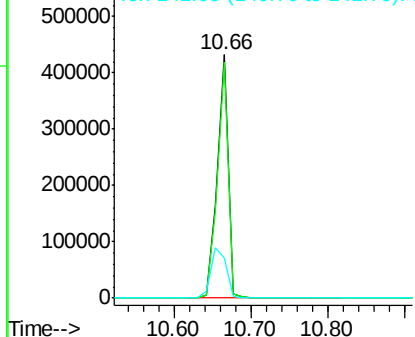


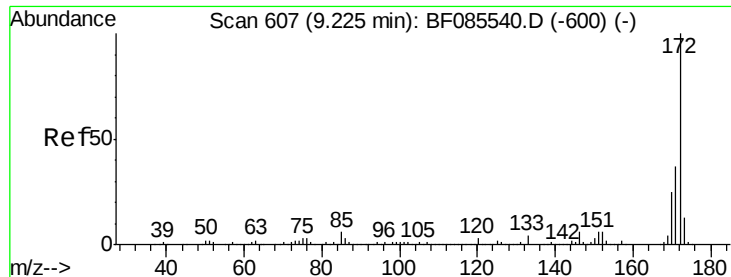
#41
 2,4,6-Tribromophenol
 Concen: 176.50 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.02 min
 Lab File: BF085688.D
 Acq: 23 Mar 2016 6:00

Tgt Ion:330 Resp: 426014
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.2 117.2
 141 28.6 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

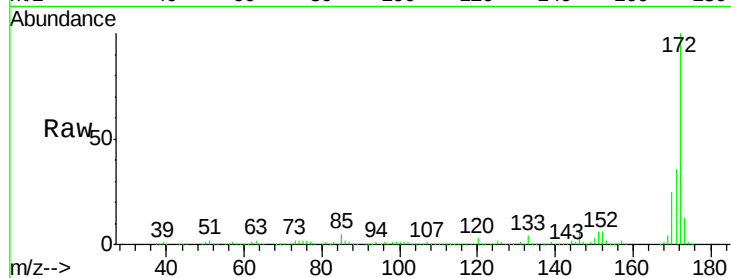




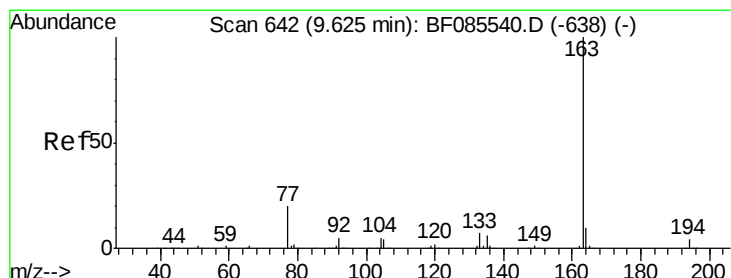
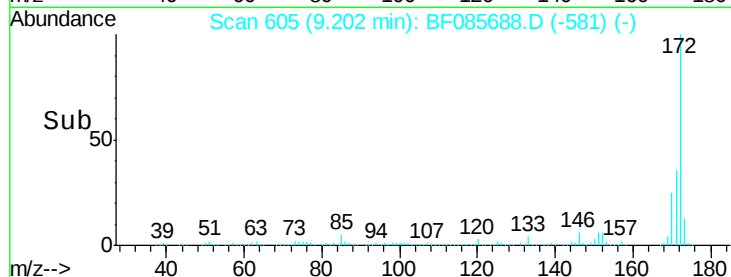
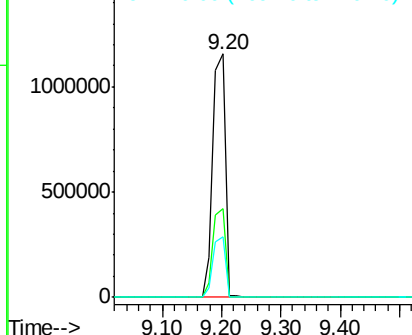
#44
 2-Fluorobiphenyl
 Concen: 137.67 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF085688.D
 Acq: 23 Mar 2016 6:00

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

Tgt Ion:172 Resp: 1687113
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.2
 170 24.7 19.8 29.6

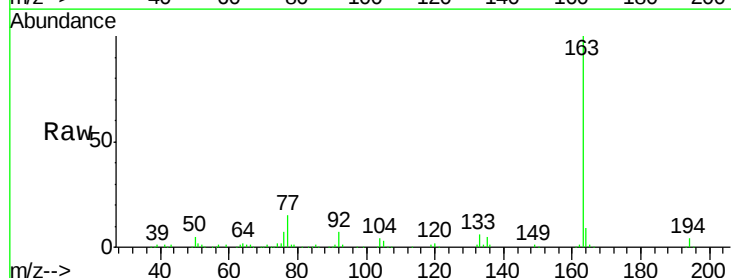


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

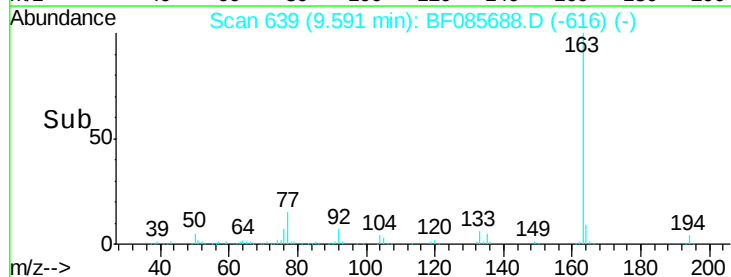
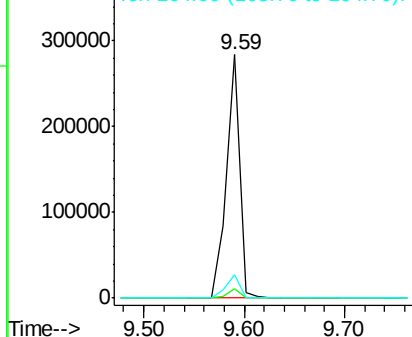


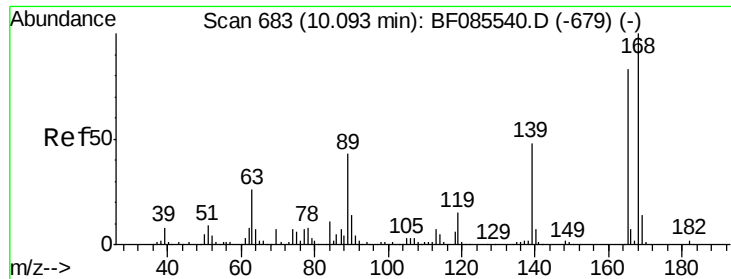
#49
 Dimethylphthalate
 Concen: 14.07 ng
 RT: 9.59 min Scan# 639
 Delta R.T. -0.03 min
 Lab File: BF085688.D
 Acq: 23 Mar 2016 6:00

Tgt Ion:163 Resp: 261624
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.9 4.3
 164 9.5 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

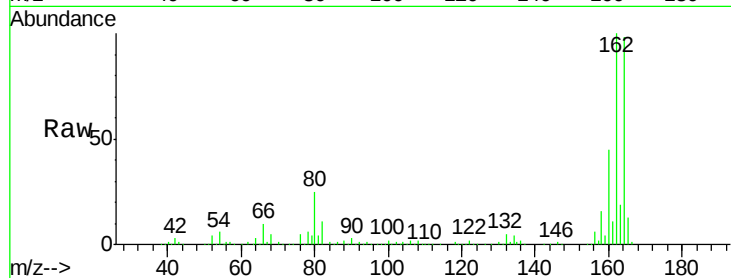




#56
 2,4-Dinitrotoluene
 Concen: 6.15 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.23 min
 Lab File: BF085688.D
 Acq: 23 Mar 2016 6:00

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

Tgt Ion:	165	Resp:	31593
Ion	Ratio	Lower	Upper
165	100		
63	1.1	24.9	37.3#
89	1.6	41.0	61.6#
182	0.0	2.1	3.1#

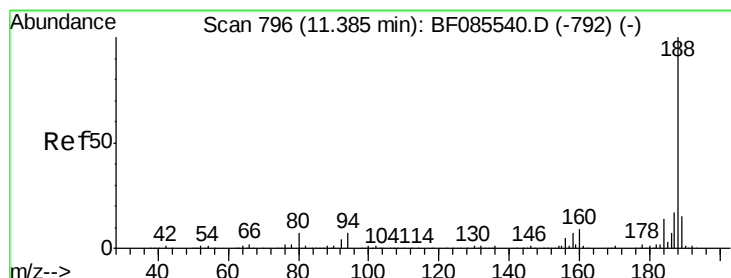
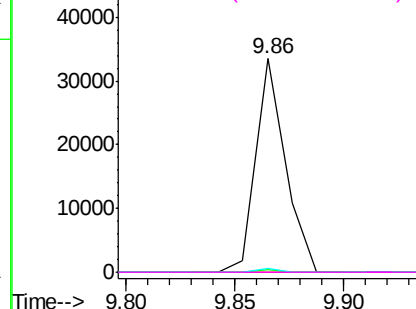
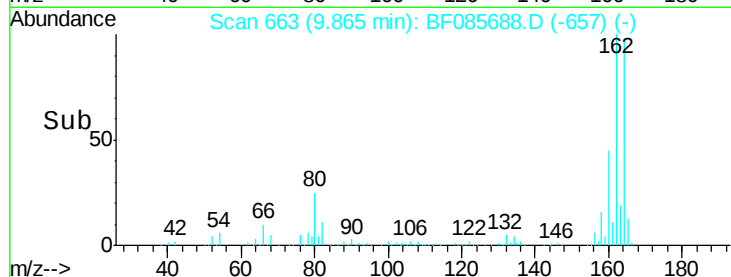


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

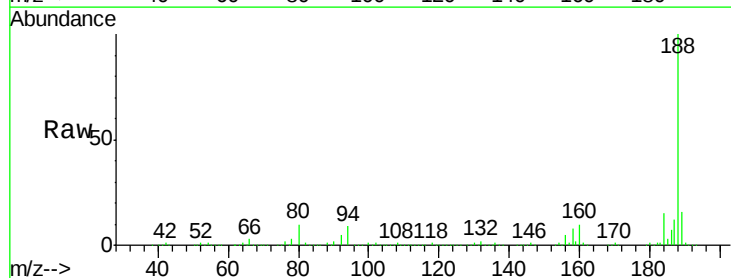
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 793
 Delta R.T. -0.03 min
 Lab File: BF085688.D
 Acq: 23 Mar 2016 6:00

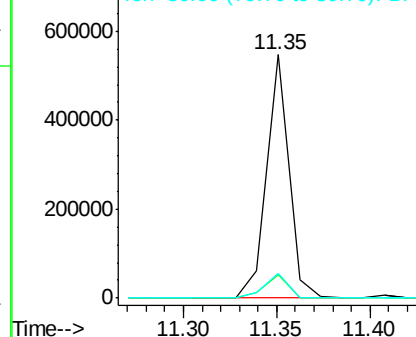
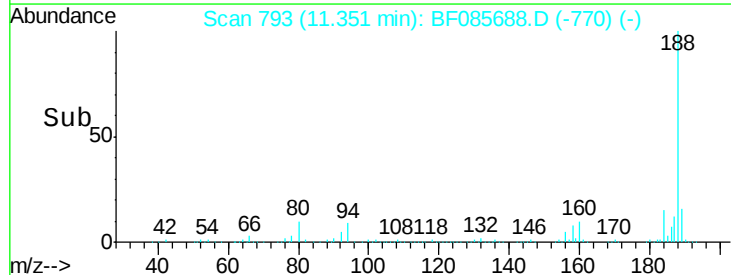
Tgt Ion:	188	Resp:	448820
Ion	Ratio	Lower	Upper
188	100		
94	9.4	5.4	8.0#
80	10.0	5.5	8.3#

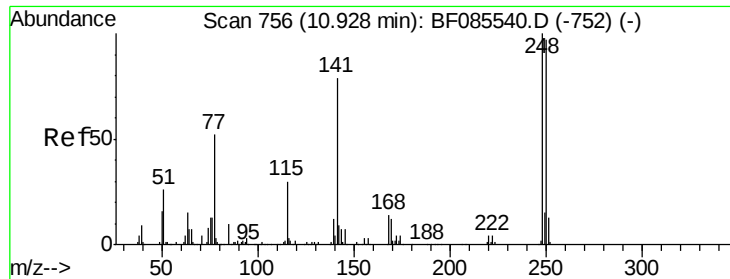


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

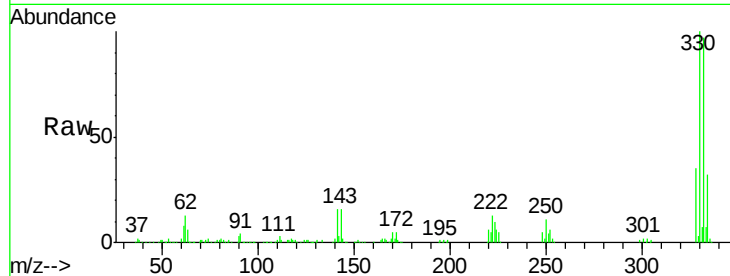




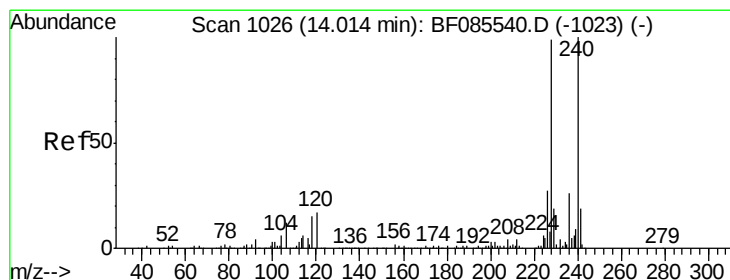
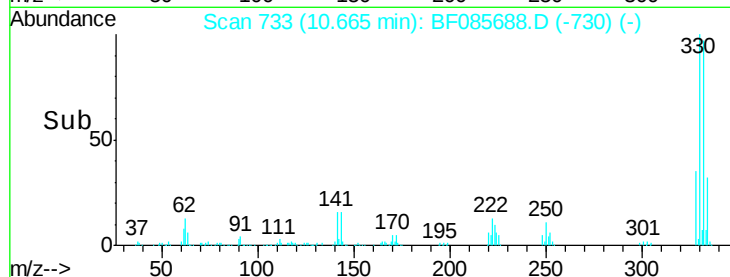
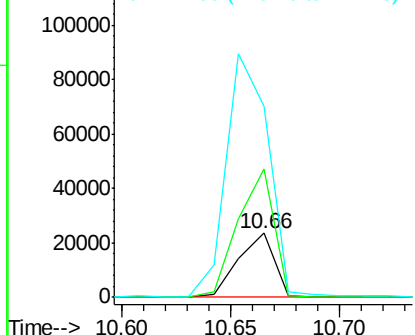
#66
 4-Bromophenyl-phenylether
 Concen: 6.00 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.26 min
 Lab File: BF085688.D
 Acq: 23 Mar 2016 6:00

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

Tgt Ion:248 Resp: 26908
 Ion Ratio Lower Upper
 248 100
 250 199.7 77.4 116.0#
 141 297.3 63.6 95.4#

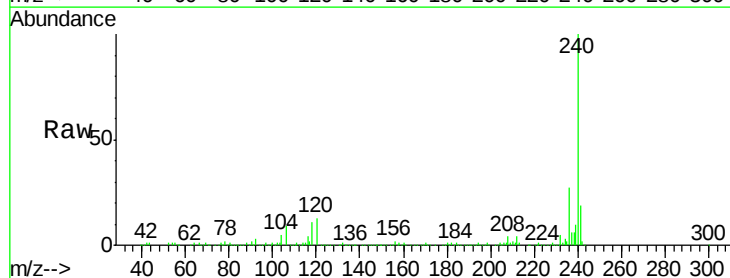


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

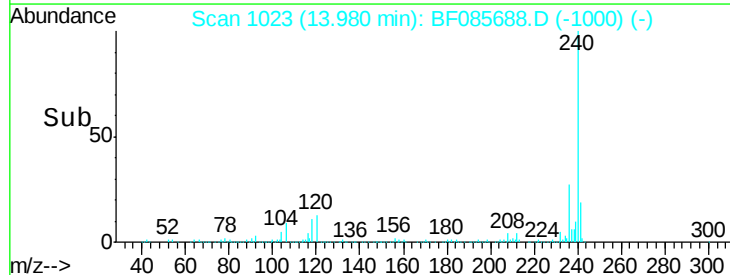
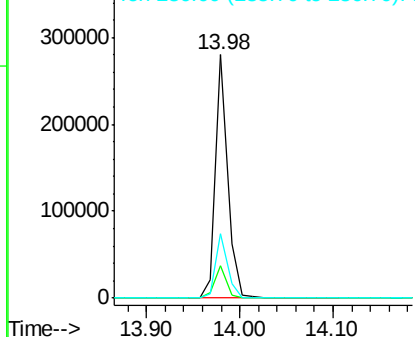


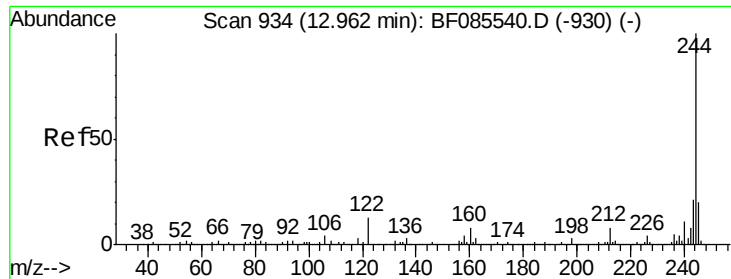
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.98 min Scan# 1023
 Delta R.T. -0.03 min
 Lab File: BF085688.D
 Acq: 23 Mar 2016 6:00

Tgt Ion:240 Resp: 256196
 Ion Ratio Lower Upper
 240 100
 120 13.5 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

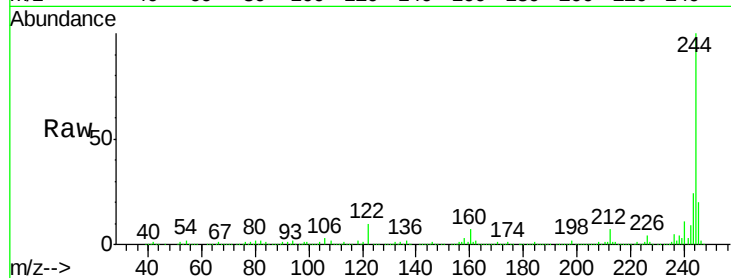




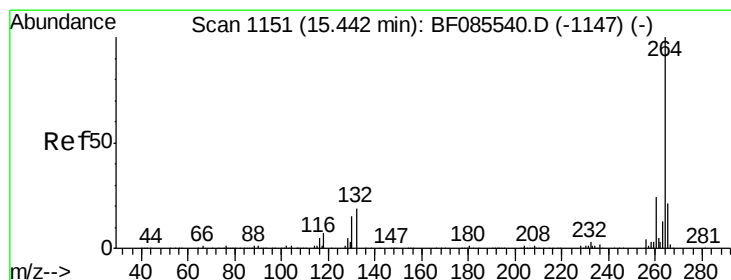
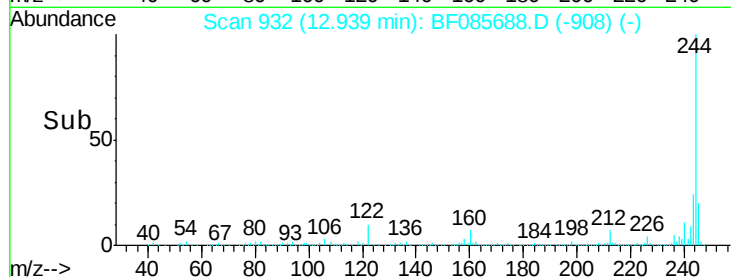
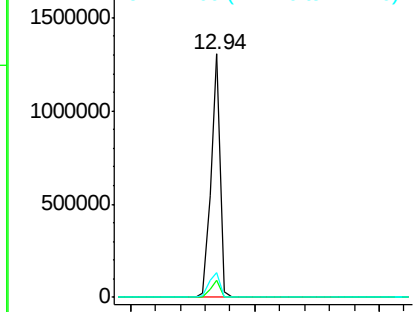
#78
 Terphenyl-d14
 Concen: 123.11 ng
 RT: 12.94 min Scan# 932
 Delta R.T. -0.02 min
 Lab File: BF085688.D
 Acq: 23 Mar 2016 6:00

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

Tgt Ion:244 Resp: 1310722
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 9.9 10.2 15.4#

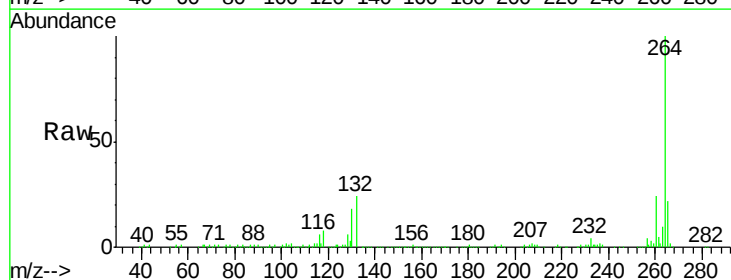


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.05 min
 Lab File: BF085688.D
 Acq: 23 Mar 2016 6:00

Tgt Ion:264 Resp: 239250
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.2
 265 21.8 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

