

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085602.D
 Acq On : 20 Mar 2016 7:07
 Operator : UM/SJ
 Sample : H1804-11
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-8C

Quant Time: Mar 21 00:19:44 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

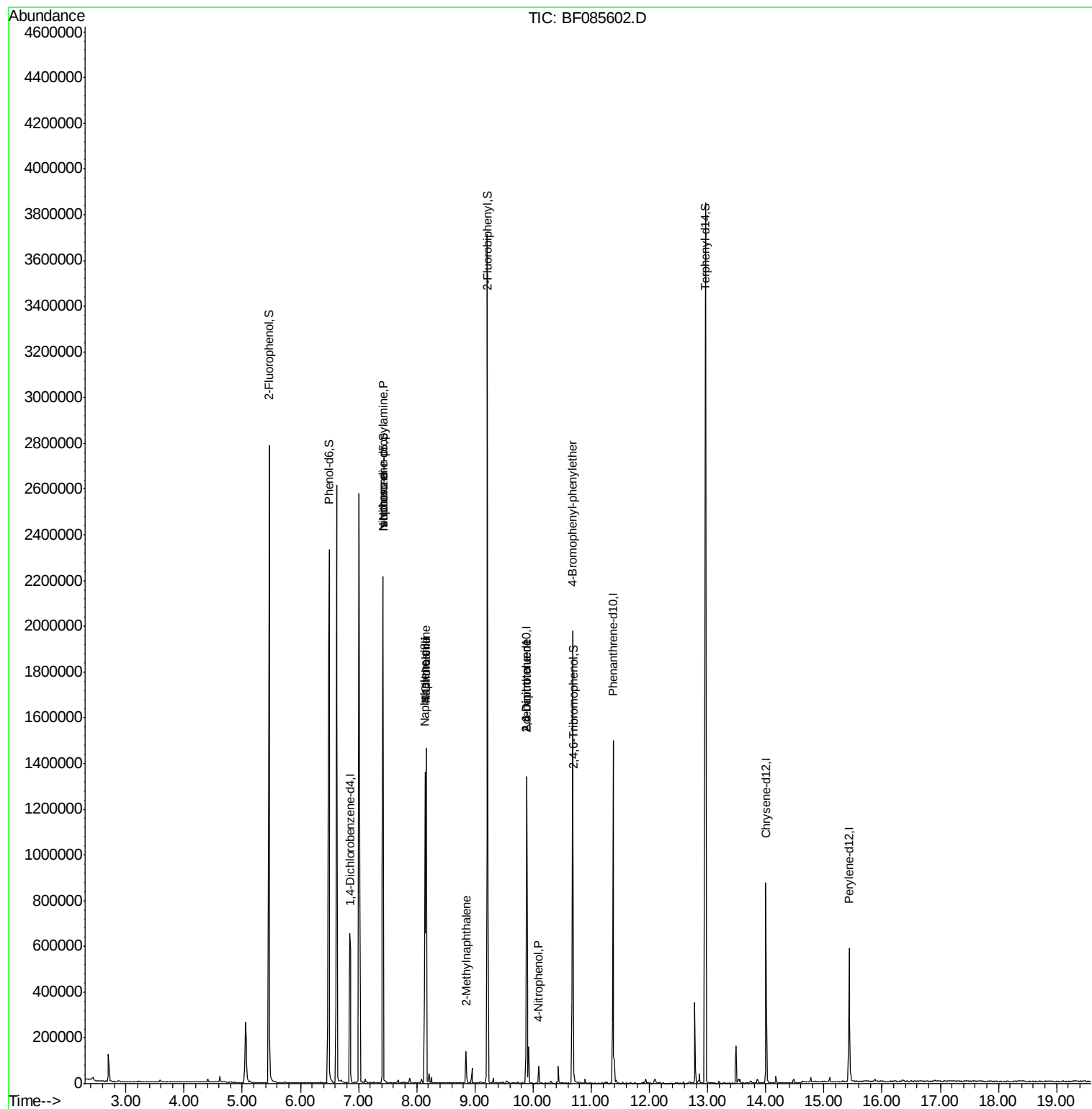
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	145400	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	622881	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	273088	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	513033	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	317206	20.00	ng	-0.01
86) Perylene-d12	15.43	264	268944	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	905865	104.65	ng	0.01
7) Phenol-d6	6.49	99	1209335	108.93	ng	0.00
23) Nitrobenzene-d5	7.42	82	799565	74.51	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	364472	136.25	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1313673	81.12	ng	-0.01
78) Terphenyl-d14	12.96	244	1293766	98.15	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	106883	16.12	ng	# 77
25) Isophorone	7.42	82	582216	27.10	ng	# 68
31) Naphthalene	8.16	128	740182	23.54	ng	# 99
33) 4-Chloroaniline	8.16	127	97803	7.59	ng	# 35
37) 2-Methylnaphthalene	8.85	142	38845	2.03	ng	# 98
50) 2,6-Dinitrotoluene	9.89	165	35188	8.09	ng	# 19
55) 4-Nitrophenol	10.09	139	11692	2.78	ng	# 10
56) 2,4-Dinitrotoluene	9.89	165	35190	6.18	ng	# 37
66) 4-Bromophenyl-phenylether	10.68	248	21571	4.21	ng	# 1

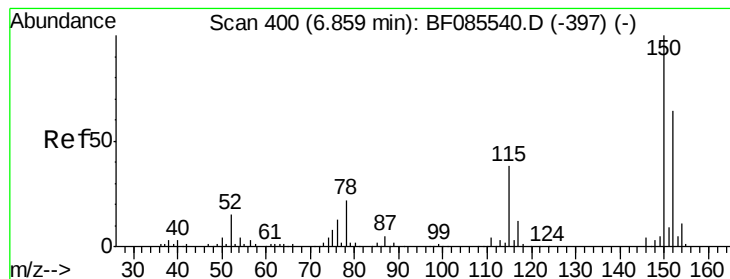
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF085602.D

Acq: 20 Mar 2016 7:07

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-8C

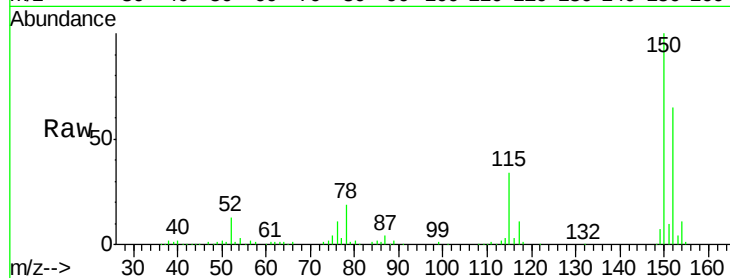
Tgt Ion:152 Resp: 145400

Ion Ratio Lower Upper

152 100

150 152.9 124.2 186.2

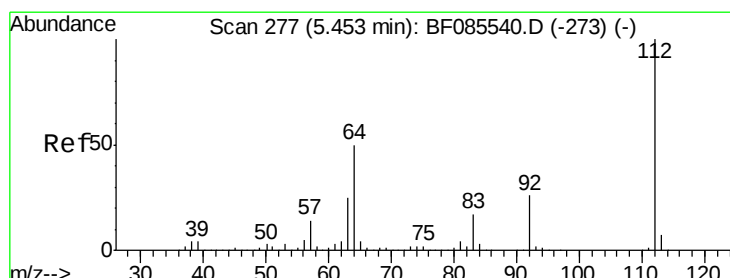
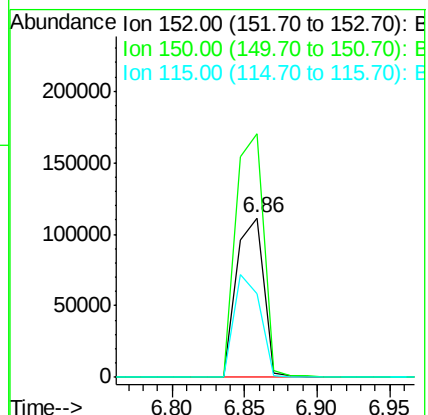
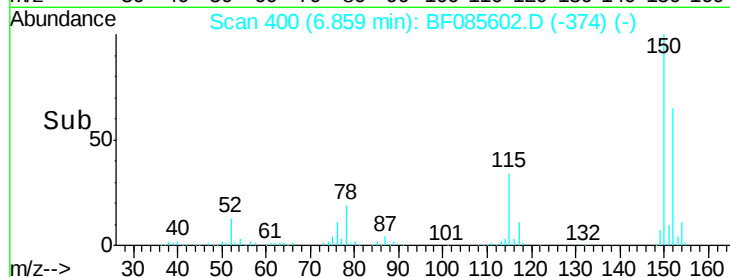
115 52.5 47.0 70.6



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: 104.65 ng

RT: 5.46 min Scan# 278

Delta R.T. 0.01 min

Lab File: BF085602.D

Acq: 20 Mar 2016 7:07

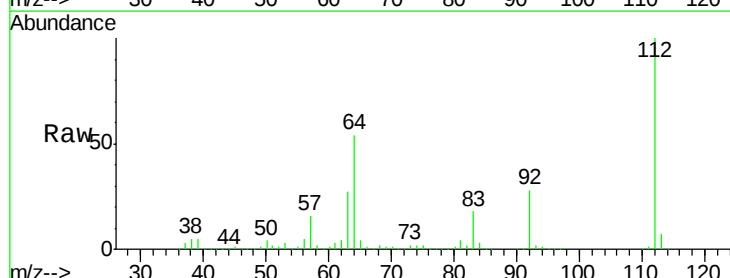
Tgt Ion:112 Resp: 905865

Ion Ratio Lower Upper

112 100

64 53.7 39.9 59.9

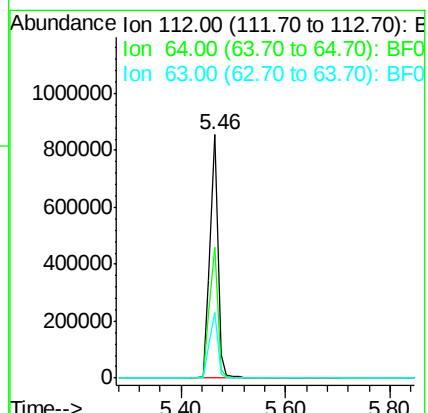
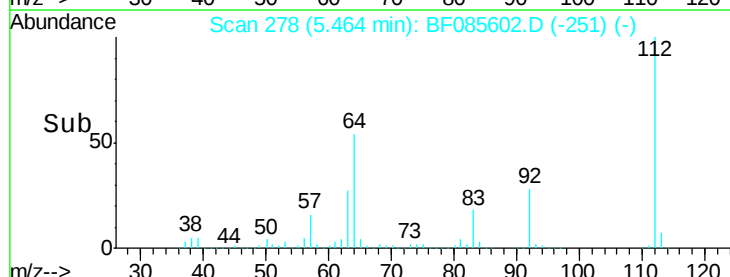
63 27.2 20.2 30.2

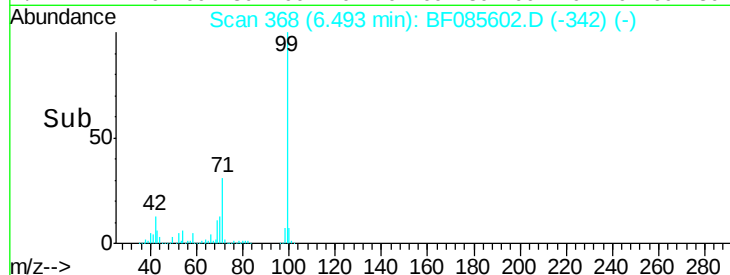
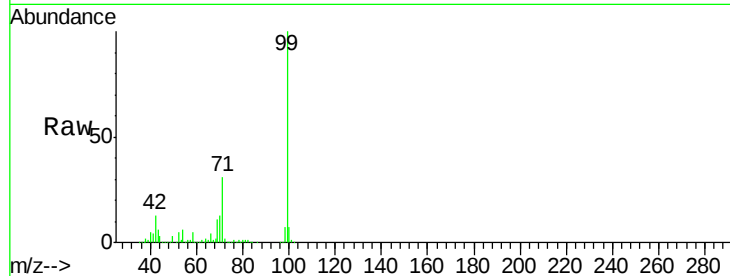


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.93 ng

RT: 6.49 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF085602.D

Acq: 20 Mar 2016 7:07

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-8C

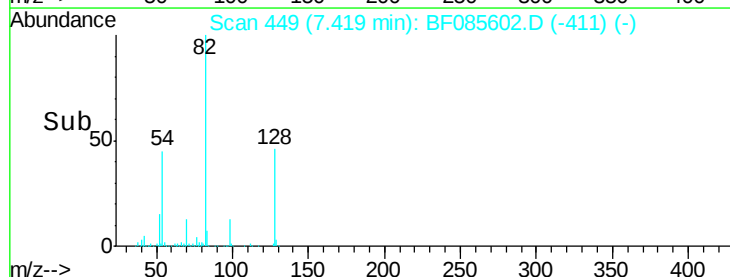
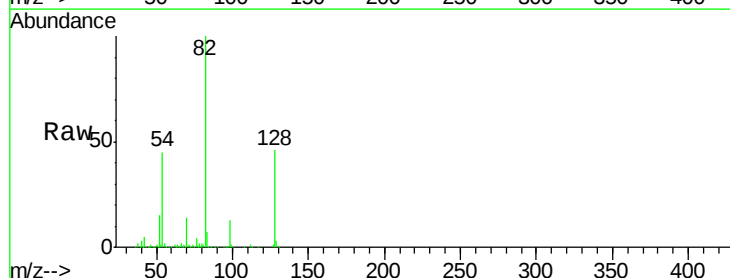
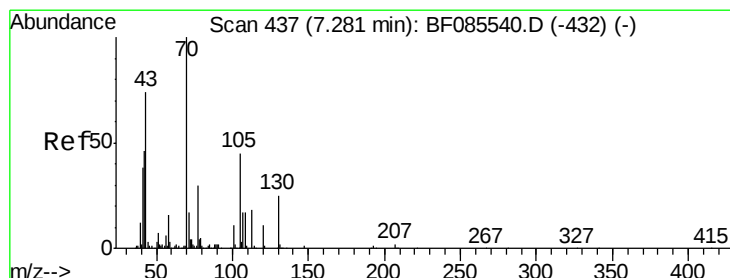
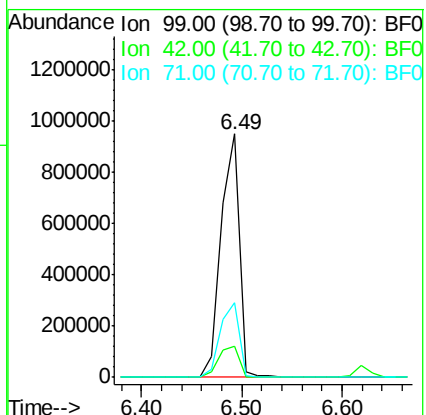
Tgt Ion: 99 Resp: 1209335

Ion Ratio Lower Upper

99 100

42 12.8 11.1 16.7

71 30.5 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 16.12 ng

RT: 7.42 min Scan# 449

Delta R.T. 0.14 min

Lab File: BF085602.D

Acq: 20 Mar 2016 7:07

Tgt Ion: 70 Resp: 106883

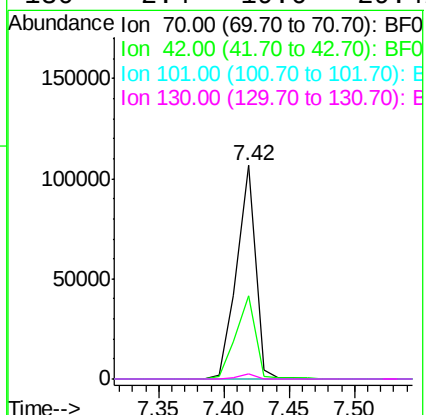
Ion Ratio Lower Upper

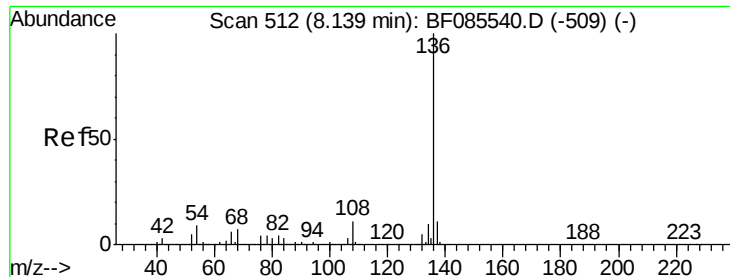
70 100

42 39.0 37.1 55.7

101 0.0 8.6 12.8#

130 2.4 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: BF085602.D

Acq: 20 Mar 2016 7:07

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-8C

Tgt Ion:136 Resp: 622881

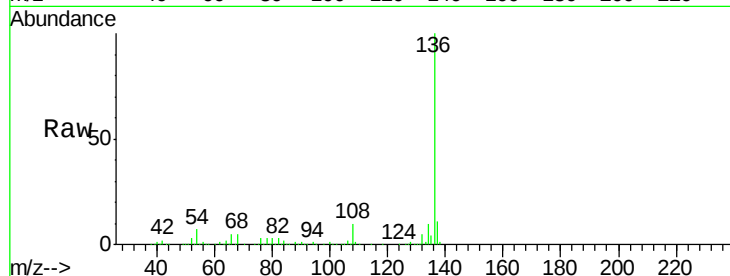
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.6 7.4 11.0#

68 5.4 5.8 8.8#

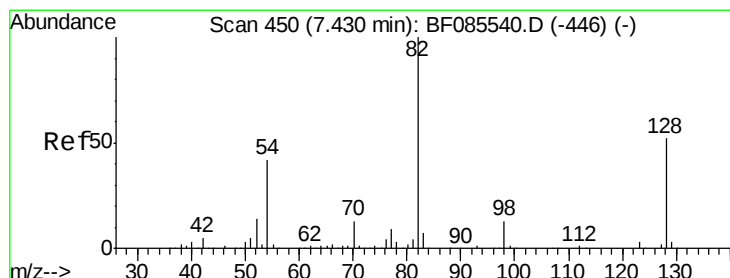
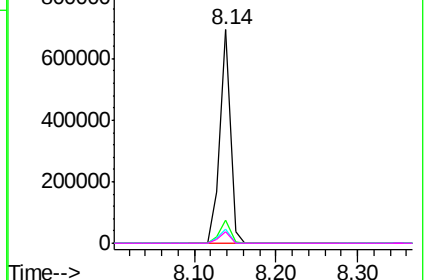
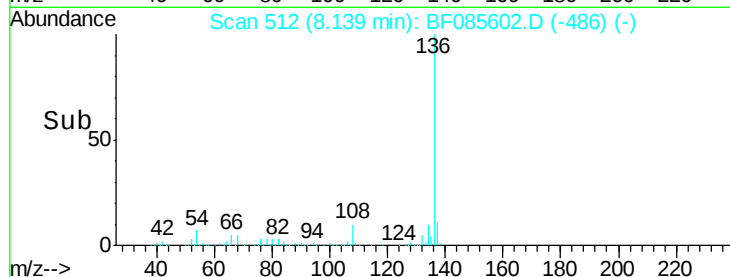


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.51 ng

RT: 7.42 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF085602.D

Acq: 20 Mar 2016 7:07

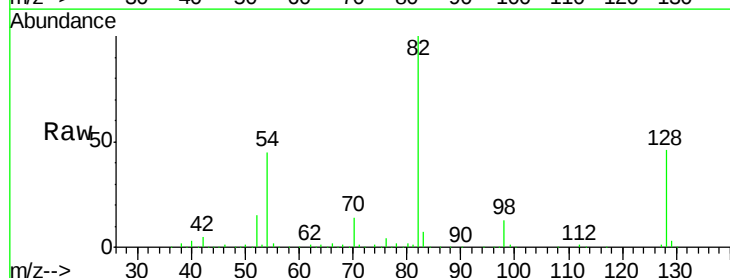
Tgt Ion: 82 Resp: 799565

Ion Ratio Lower Upper

82 100

128 46.3 41.8 62.8

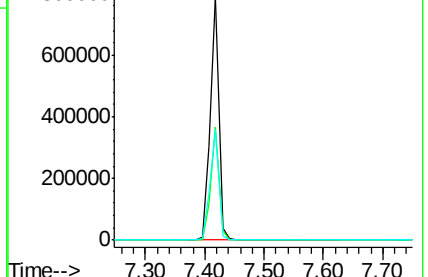
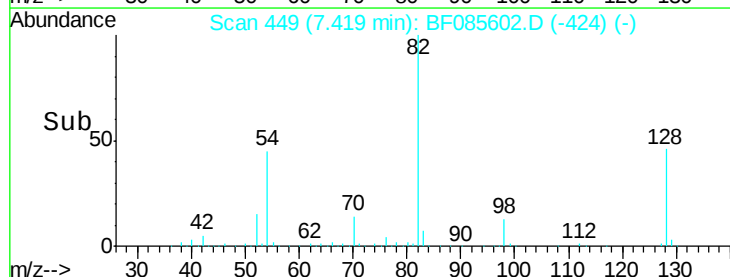
54 45.3 33.4 50.0

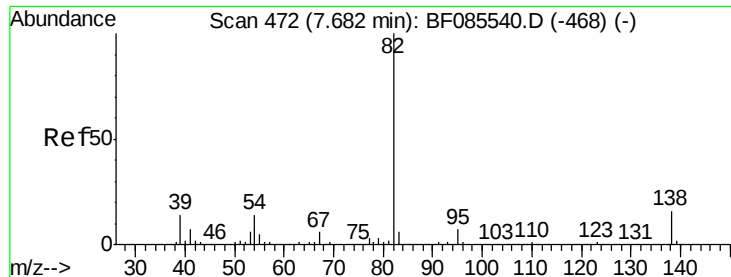


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

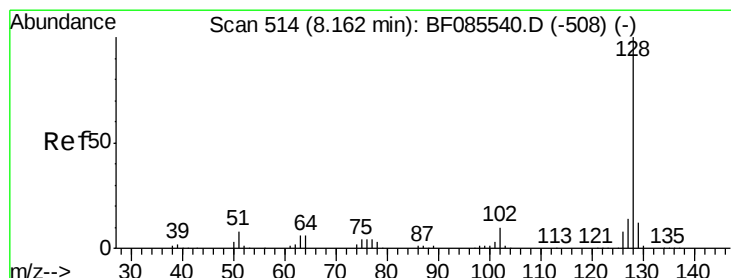
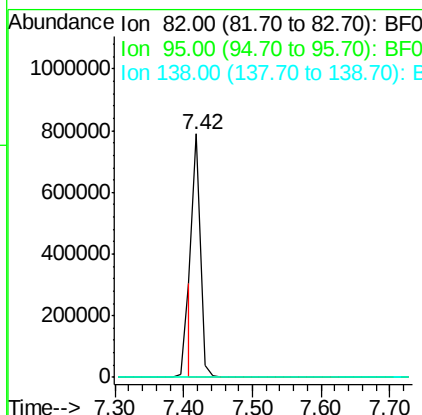
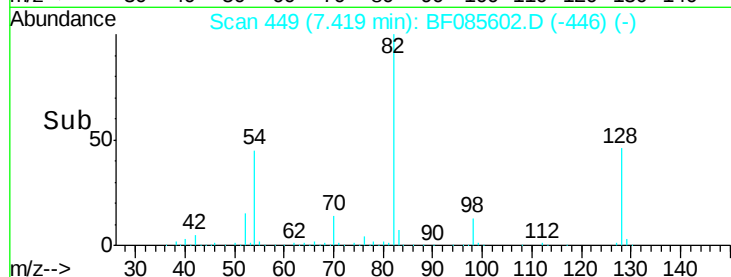
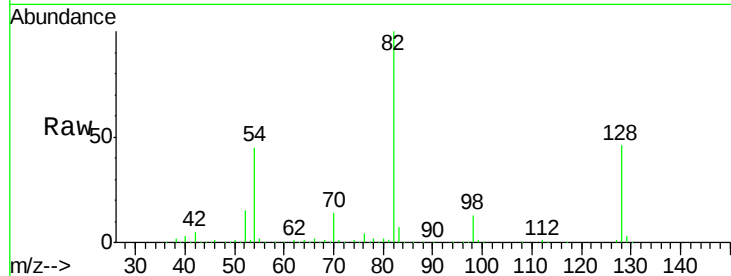




#25
Isophorone
Concen: 27.10 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.26 min
Lab File: BF085602.D
Acq: 20 Mar 2016 7:07

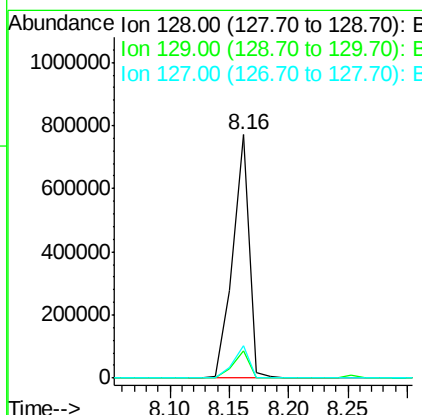
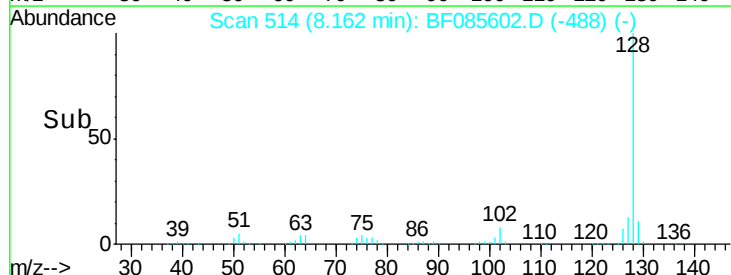
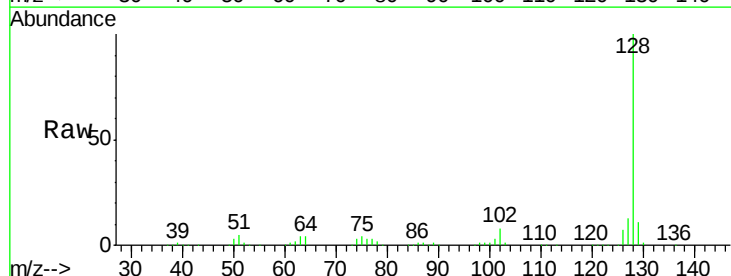
Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-8C

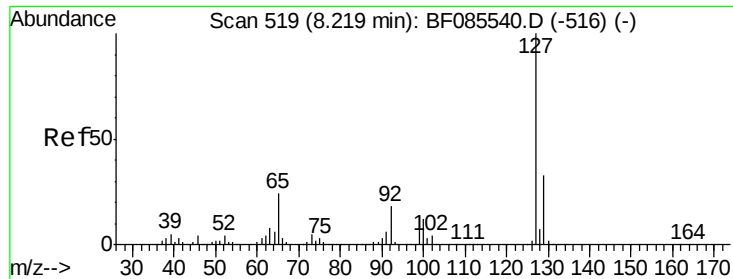
Tgt Ion: 82 Resp: 582216
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 12.9 19.3#



#31
Naphthalene
Concen: 23.54 ng
RT: 8.16 min Scan# 514
Delta R.T. 0.00 min
Lab File: BF085602.D
Acq: 20 Mar 2016 7:07

Tgt Ion: 128 Resp: 740182
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.0
127 13.4 11.0 16.6

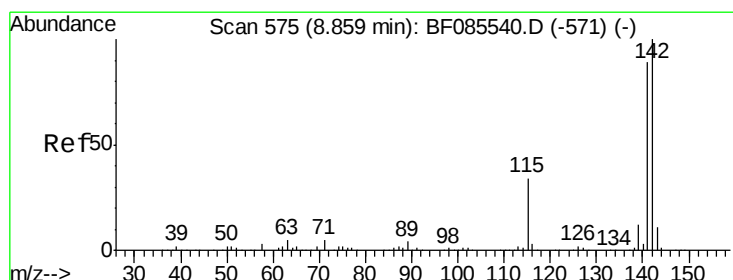
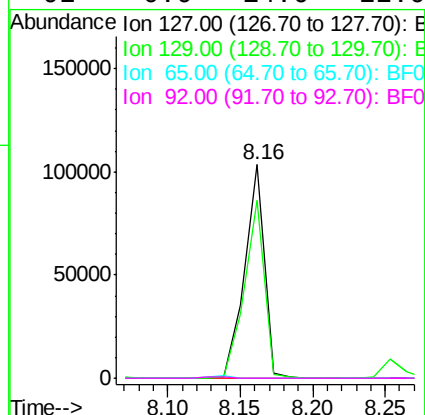
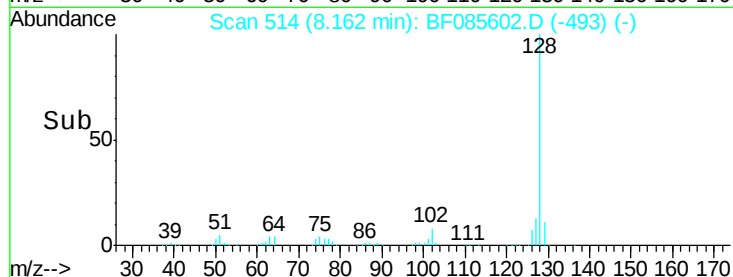
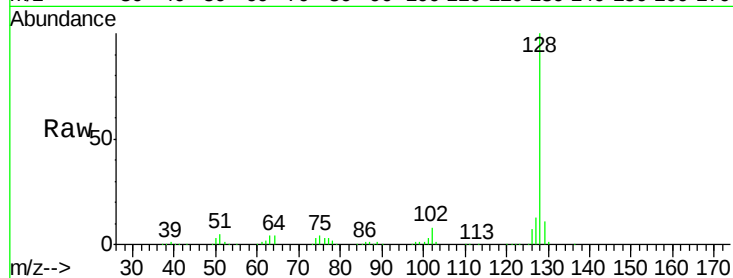




#33
4-Chloroaniline
Concen: 7.59 ng
RT: 8.16 min Scan# 514
Delta R.T. -0.06 min
Lab File: BF085602.D
Acq: 20 Mar 2016 7:07

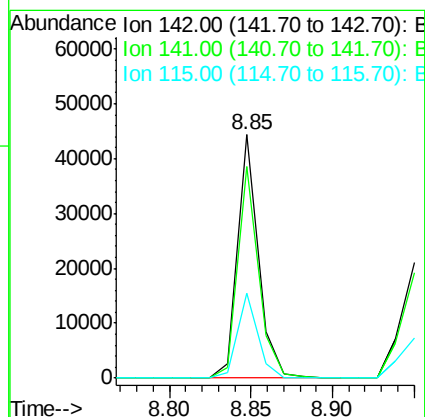
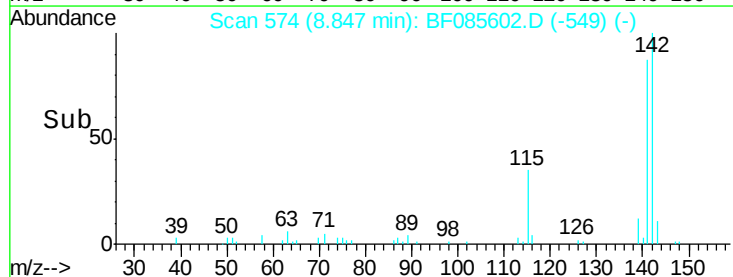
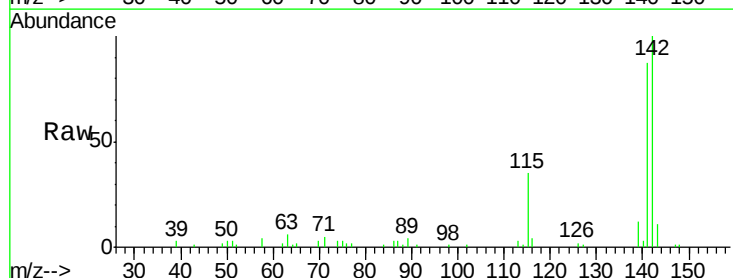
Instrument :
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ClientSampleId :
TRACK-D-GRID-8C

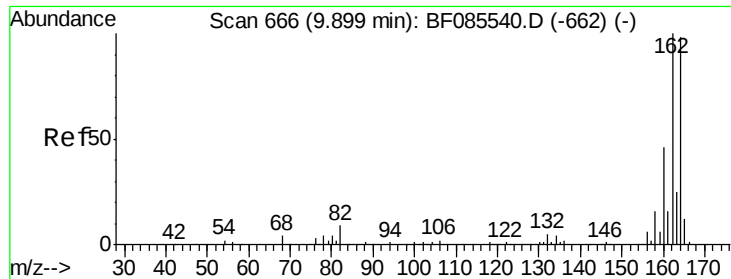
Tgt Ion:	127	Resp:	97803
Ion	Ratio	Lower	Upper
127	100		
129	83.3	26.1	39.1#
65	0.0	19.5	29.3#
92	0.0	14.6	22.0#



#37
2-Methylnaphthalene
Concen: 2.03 ng
RT: 8.85 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF085602.D
Acq: 20 Mar 2016 7:07

Tgt Ion:	142	Resp:	38845
Ion	Ratio	Lower	Upper
142	100		
141	87.1	71.6	107.4
115	34.7	26.8	40.2

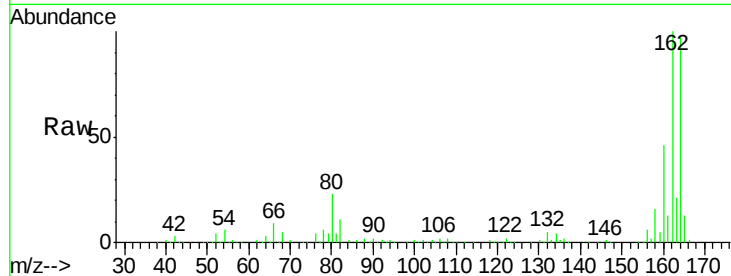




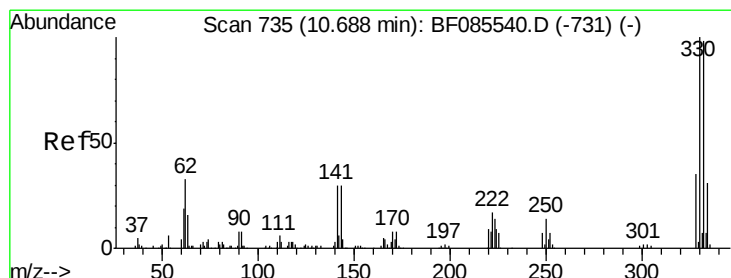
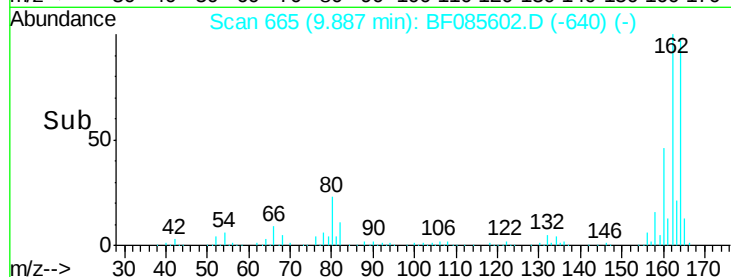
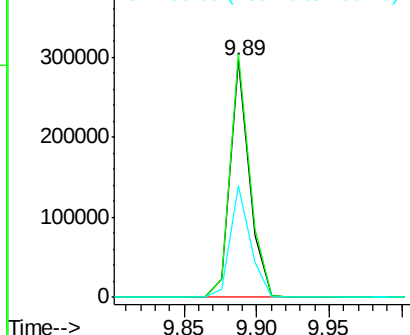
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF085602.D
 Acq: 20 Mar 2016 7:07

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-8C

Tgt Ion:164 Resp: 273088
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.1 123.1
 160 47.2 37.4 56.2

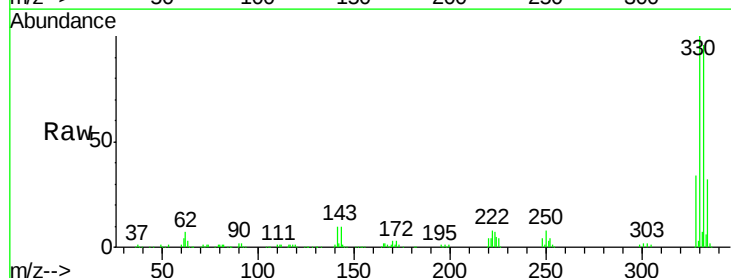


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

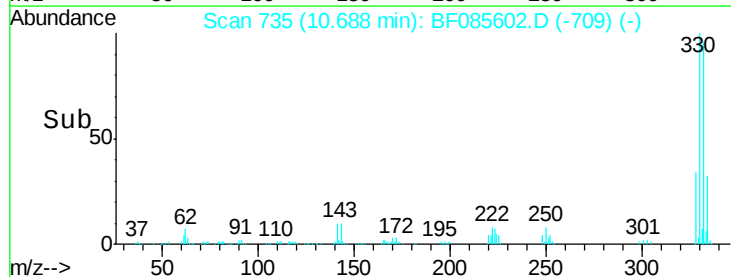
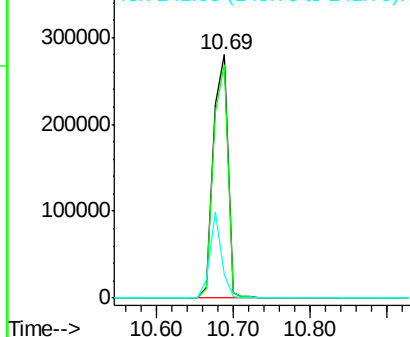


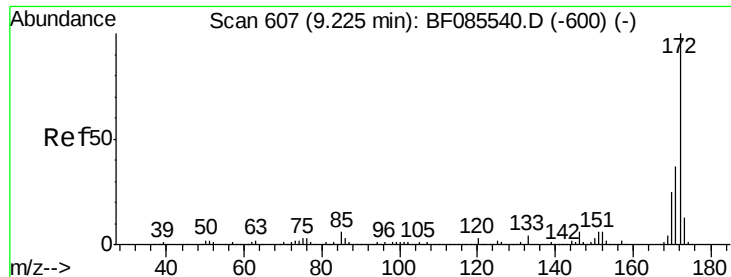
#41
 2,4,6-Tribromophenol
 Concen: 136.25 ng
 RT: 10.69 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF085602.D
 Acq: 20 Mar 2016 7:07

Tgt Ion:330 Resp: 364472
 Ion Ratio Lower Upper
 330 100
 332 95.9 78.2 117.2
 141 28.9 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

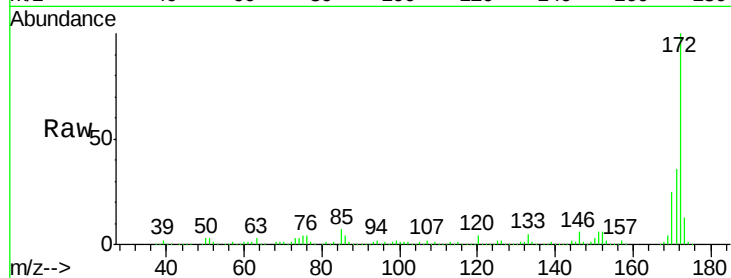




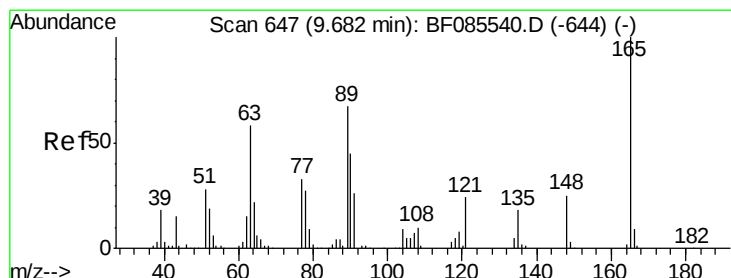
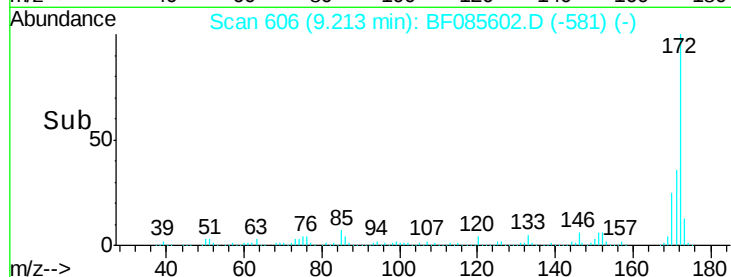
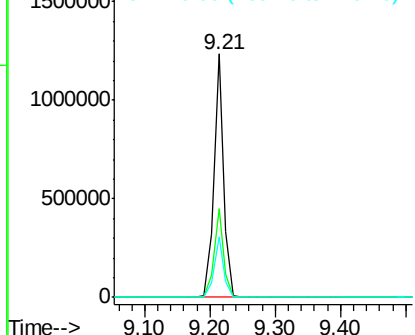
#44
 2-Fluorobiphenyl
 Concen: 81.12 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085602.D
 Acq: 20 Mar 2016 7:07

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-8C

Tgt Ion:172 Resp: 1313673
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.2
 170 24.7 19.8 29.6

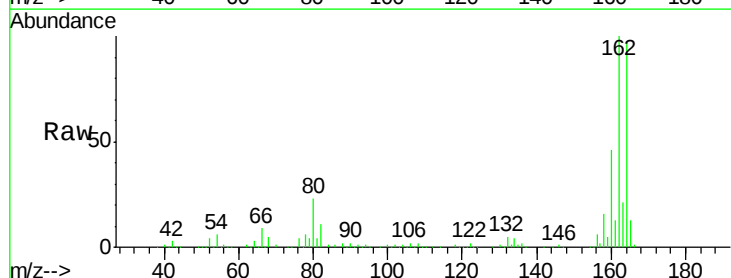


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

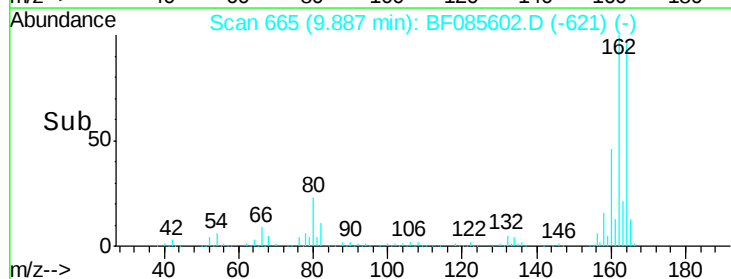
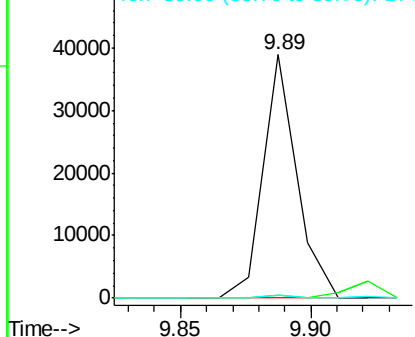


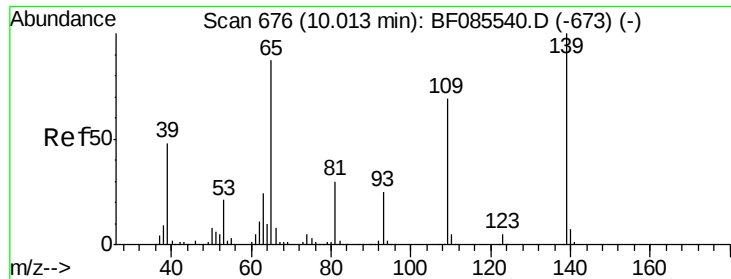
#50
 2,6-Dinitrotoluene
 Concen: 8.09 ng
 RT: 9.89 min Scan# 665
 Delta R.T. 0.21 min
 Lab File: BF085602.D
 Acq: 20 Mar 2016 7:07

Tgt Ion:165 Resp: 35188
 Ion Ratio Lower Upper
 165 100
 63 1.3 51.8 77.8#
 89 1.3 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

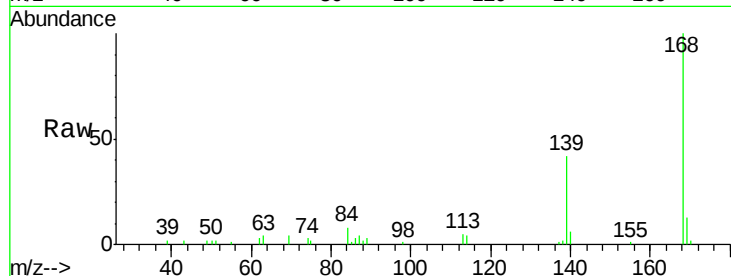




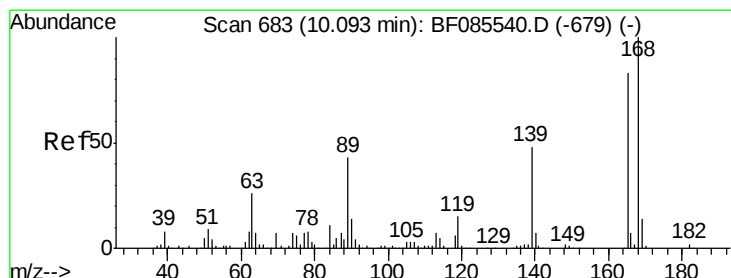
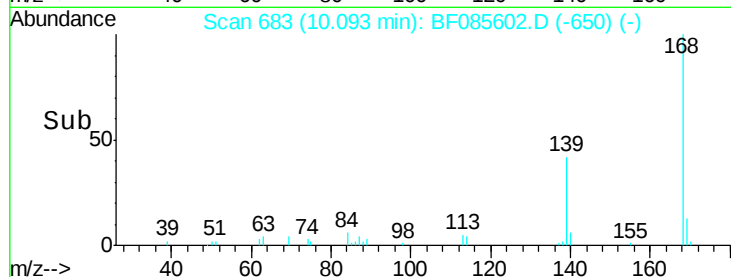
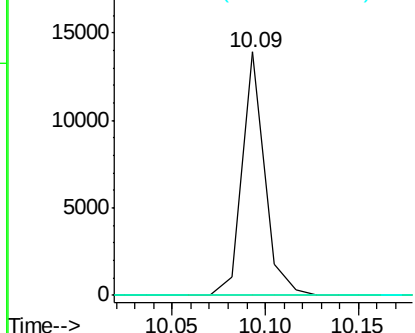
#55
4-Nitrophenol
Concen: 2.78 ng
RT: 10.09 min Scan# 683
Delta R.T. 0.08 min
Lab File: BF085602.D
Acq: 20 Mar 2016 7:07

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-8C

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	49.2	89.2#
65	0.0	66.9	106.9#



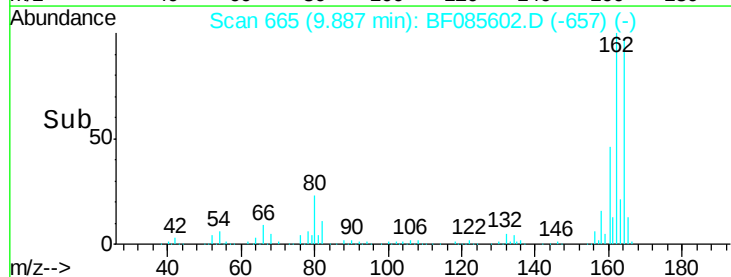
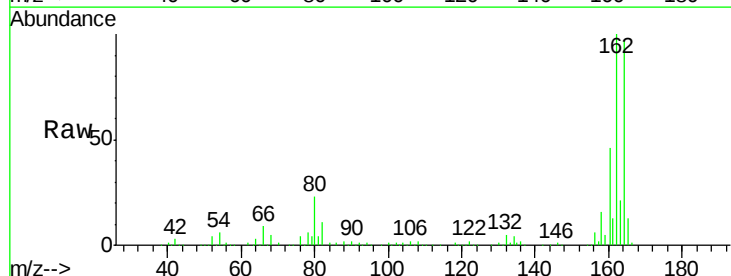
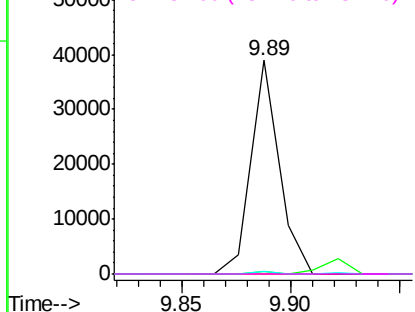
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

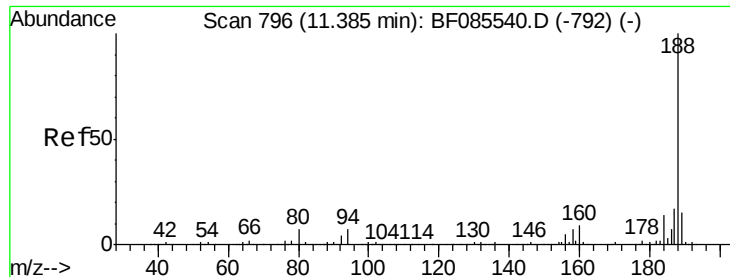


#56
2,4-Dinitrotoluene
Concen: 6.18 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.21 min
Lab File: BF085602.D
Acq: 20 Mar 2016 7:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	24.9	37.3#
89	1.3	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

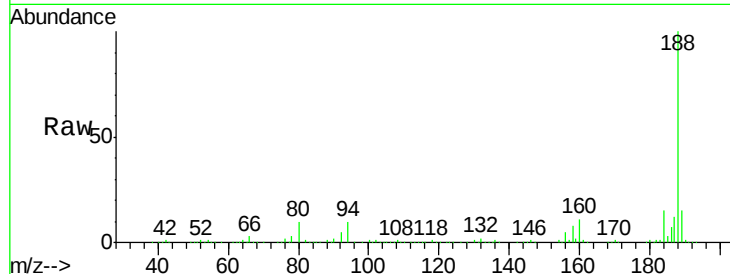




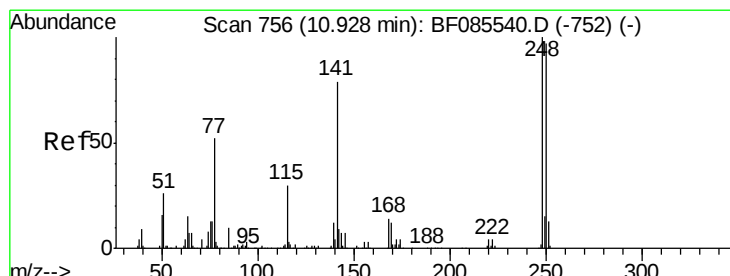
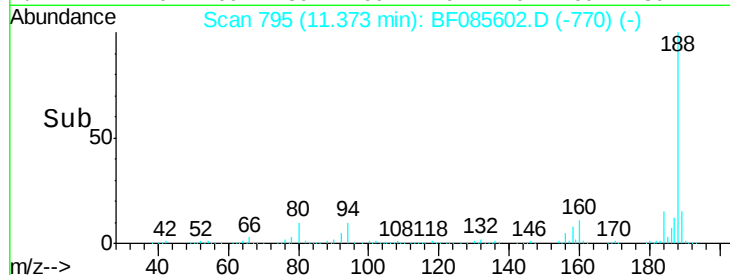
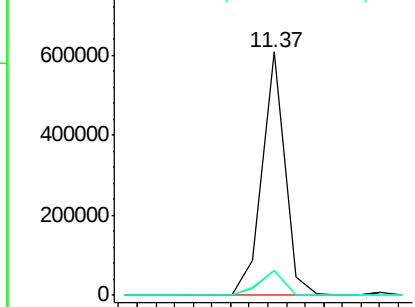
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF085602.D
Acq: 20 Mar 2016 7:07

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-8C

Tgt Ion:188 Resp: 513033
Ion Ratio Lower Upper
188 100
94 10.0 5.4 8.0#
80 10.3 5.5 8.3#

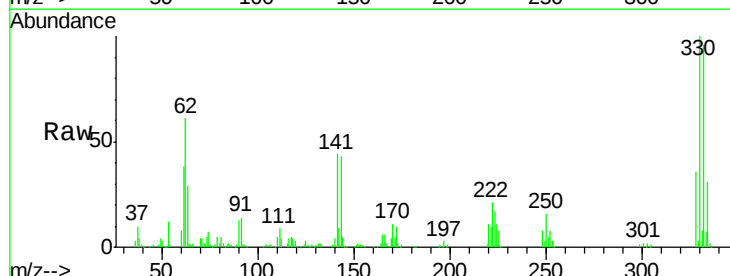


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

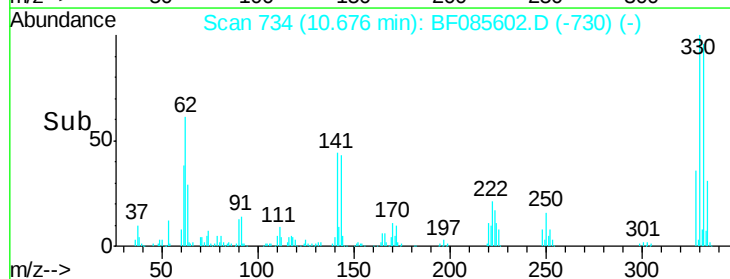
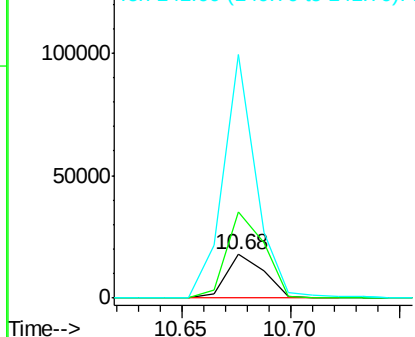


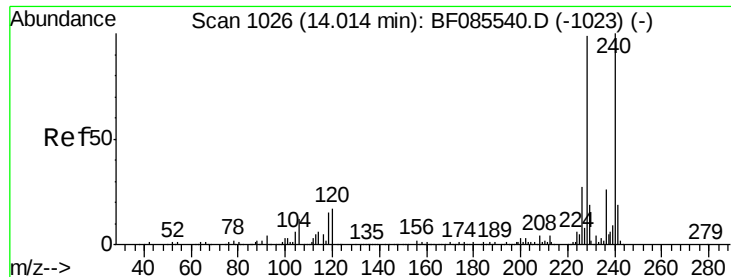
#66
4-Bromophenyl-phenylether
Concen: 4.21 ng
RT: 10.68 min Scan# 734
Delta R.T. -0.25 min
Lab File: BF085602.D
Acq: 20 Mar 2016 7:07

Tgt Ion:248 Resp: 21571
Ion Ratio Lower Upper
248 100
250 197.6 77.4 116.0#
141 560.0 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: BF085602.D

Acq: 20 Mar 2016 7:07

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-8C

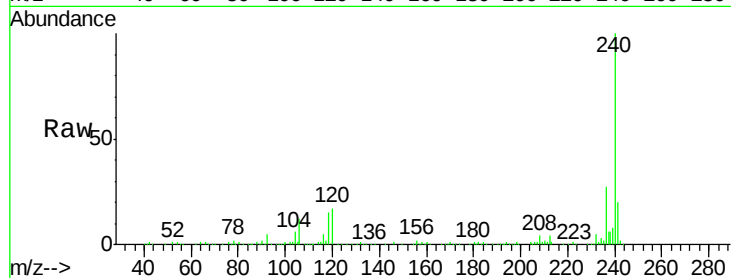
Tgt Ion:240 Resp: 317206

Ion Ratio Lower Upper

240 100

120 17.1 13.8 20.8

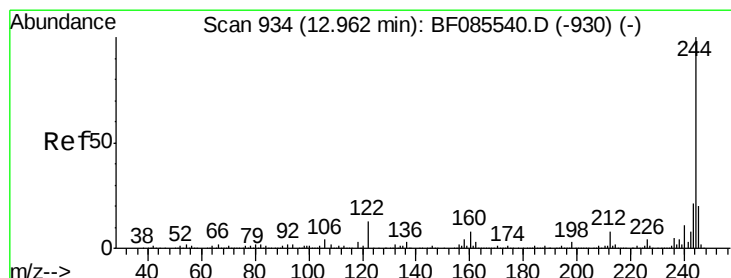
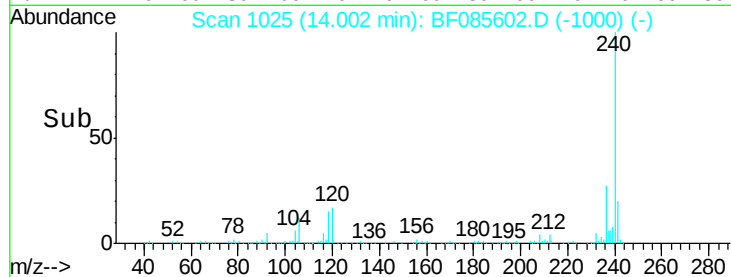
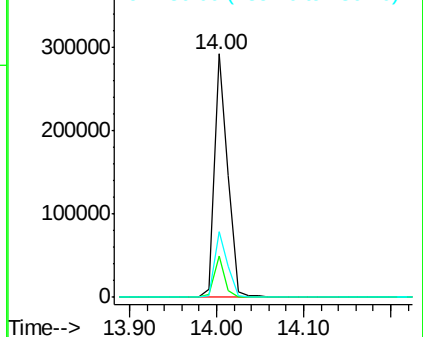
236 27.1 20.6 30.8



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: 98.15 ng

RT: 12.96 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF085602.D

Acq: 20 Mar 2016 7:07

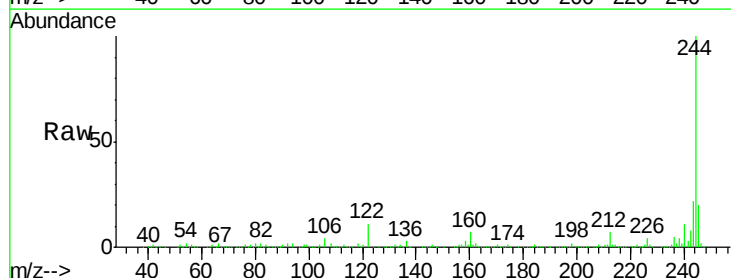
Tgt Ion:244 Resp: 1293766

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

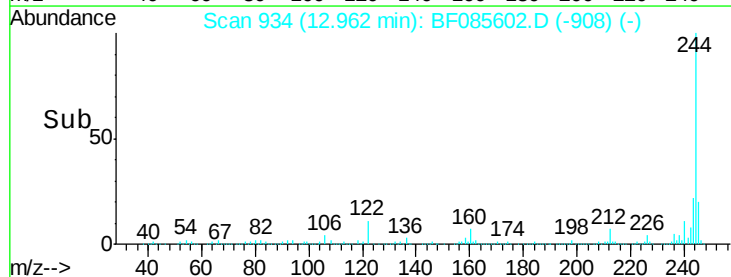
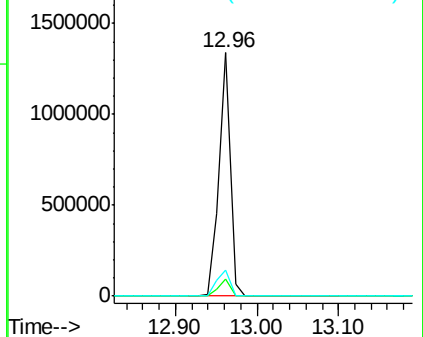
122 10.6 10.2 15.4

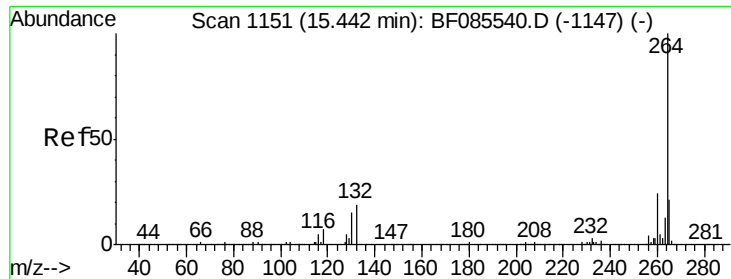


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF085602.D
Acq: 20 Mar 2016 7:07

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-8C

Tgt Ion: 264 Resp: 268944
Ion Ratio Lower Upper
264 100
260 24.4 19.4 29.2
265 21.7 17.2 25.8

