

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085601.D
 Acq On : 20 Mar 2016 6:39
 Operator : UM/SJ
 Sample : H1804-10
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

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

Quant Time: Mar 21 00:19:25 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

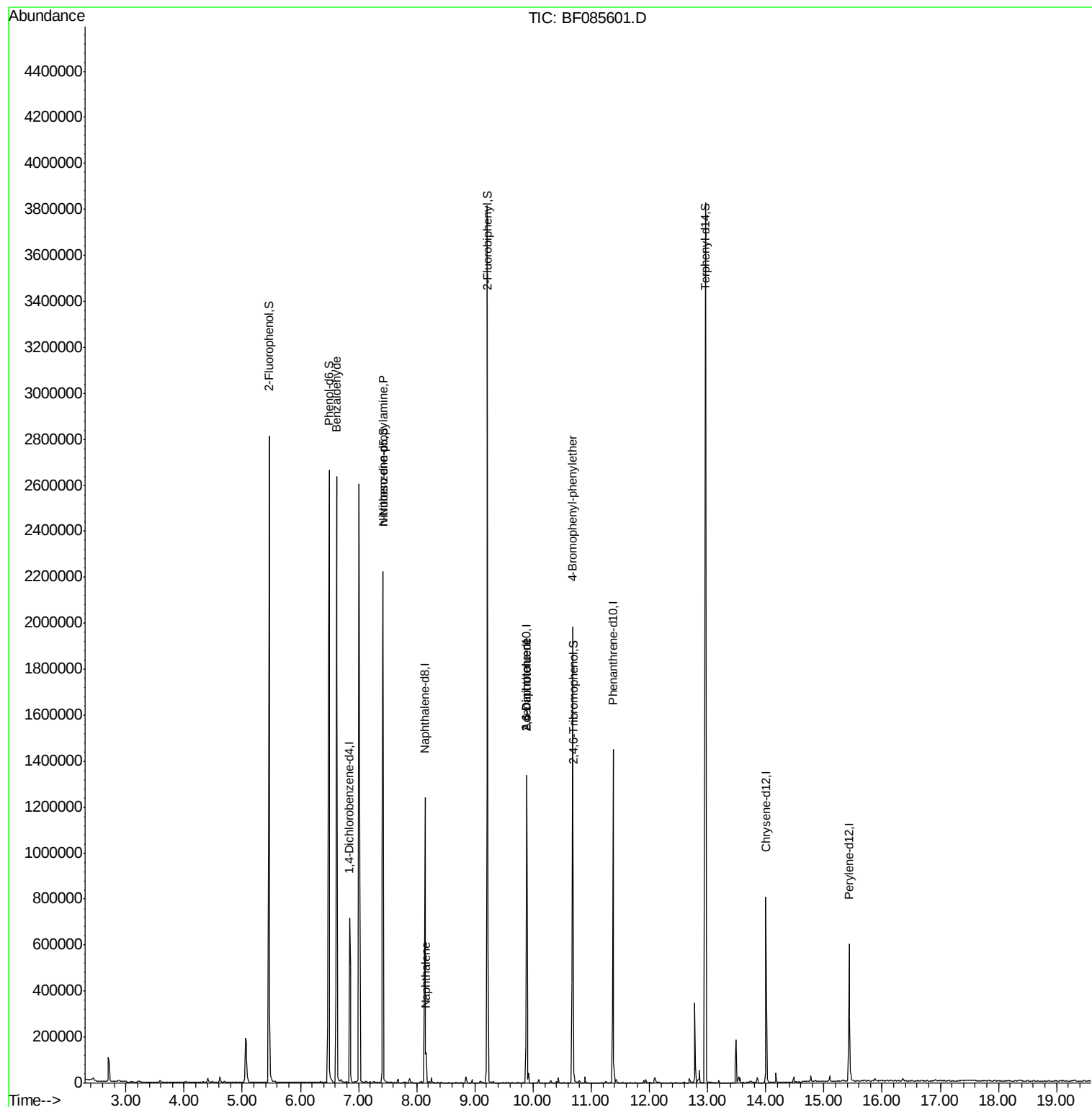
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	142347	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	607777	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	266003	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	506226	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	321366	20.00	ng	-0.01
86) Perylene-d12	15.43	264	268487	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	922269	108.83	ng	0.01
7) Phenol-d6	6.49	99	1279669	117.73	ng	0.00
23) Nitrobenzene-d5	7.42	82	823907	78.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	369022	141.62	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1344169	86.61	ng	-0.01
78) Terphenyl-d14	12.96	244	1308085	97.95	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	21728	2.09	ng	Qvalue 83
19) n-Nitroso-di-n-propylamine	7.42	70	108902	16.77	ng	# 77
31) Naphthalene	8.16	128	76230	2.48	ng	98
50) 2,6-Dinitrotoluene	9.89	165	34249	8.08	ng	# 19
56) 2,4-Dinitrotoluene	9.89	165	34251	6.17	ng	# 37
66) 4-Bromophenyl-phenylether	10.68	248	22471	4.44	ng	# 1

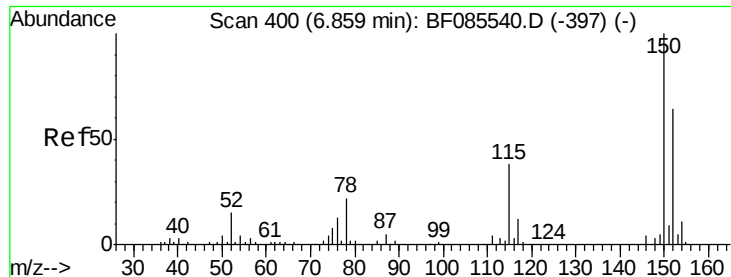
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 6.85 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF085601.D

Acq: 20 Mar 2016 6:39

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-7B

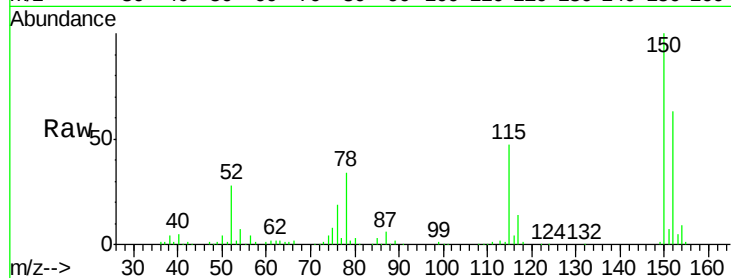
Tgt Ion:152 Resp: 142347

Ion Ratio Lower Upper

152 100

150 159.9 124.2 186.2

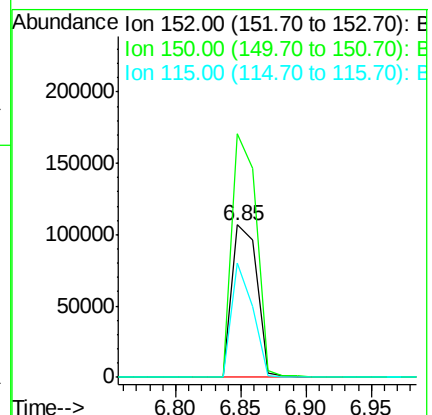
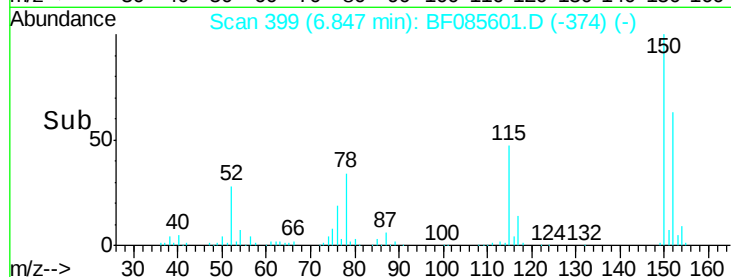
115 75.4 47.0 70.6#



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: 108.83 ng

RT: 5.46 min Scan# 278

Delta R.T. 0.01 min

Lab File: BF085601.D

Acq: 20 Mar 2016 6:39

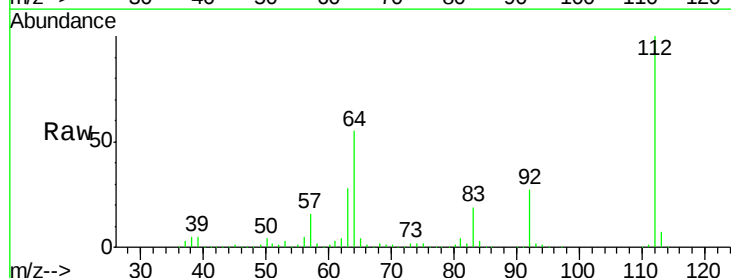
Tgt Ion:112 Resp: 922269

Ion Ratio Lower Upper

112 100

64 54.7 39.9 59.9

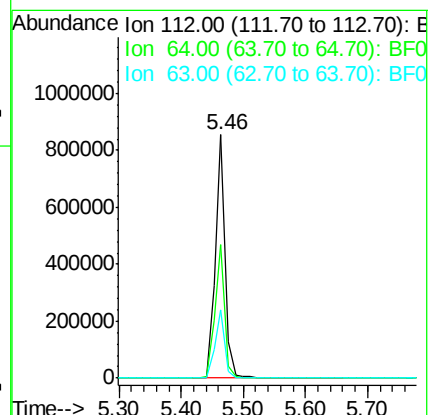
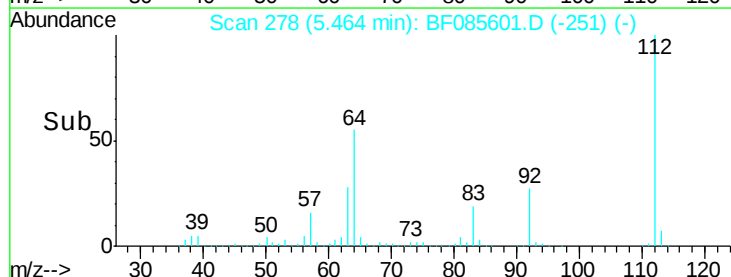
63 27.8 20.2 30.2



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: 117.73 ng

RT: 6.49 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF085601.D

Acq: 20 Mar 2016 6:39

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-7B

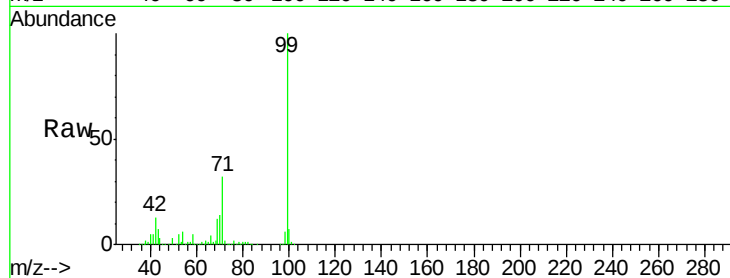
Tgt Ion: 99 Resp: 1279669

Ion Ratio Lower Upper

99 100

42 13.4 11.1 16.7

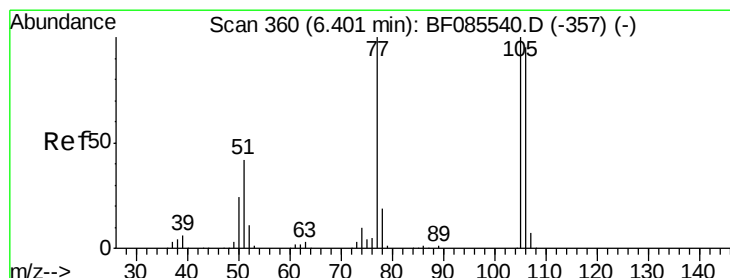
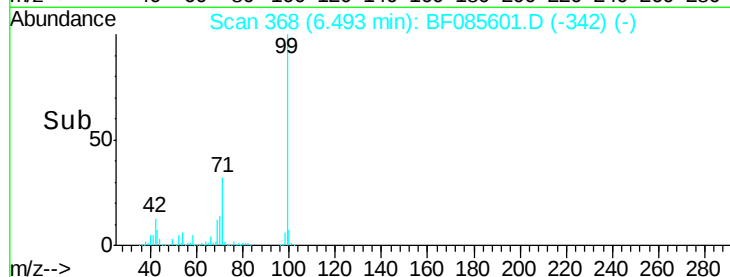
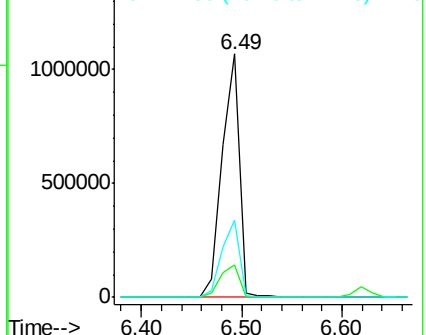
71 31.7 24.9 37.3



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: 2.09 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.22 min

Lab File: BF085601.D

Acq: 20 Mar 2016 6:39

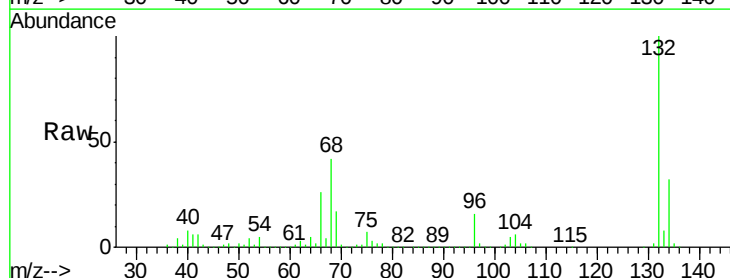
Tgt Ion: 77 Resp: 21728

Ion Ratio Lower Upper

77 100

105 84.3 80.1 120.1

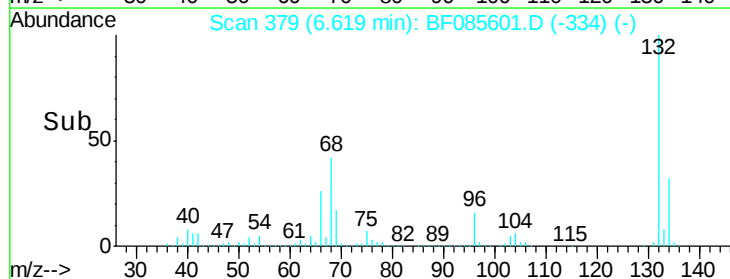
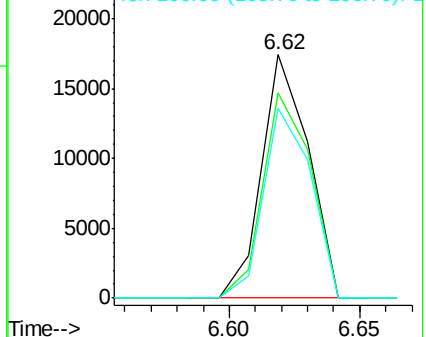
106 77.8 75.0 115.0

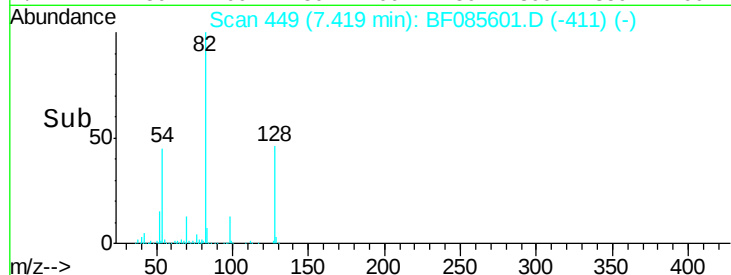
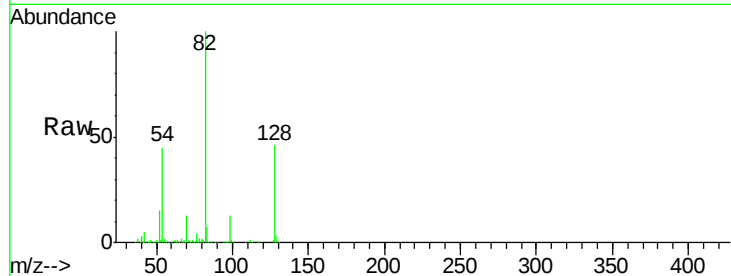
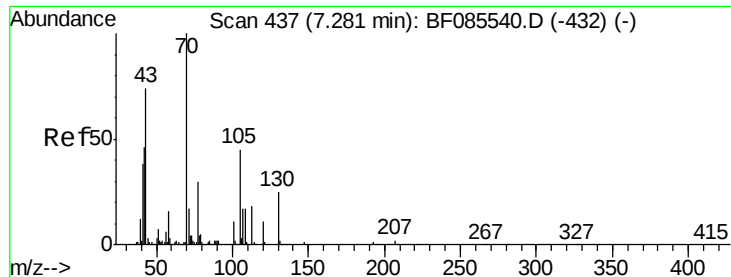


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

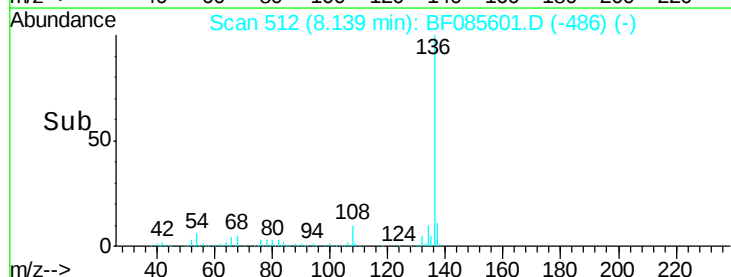
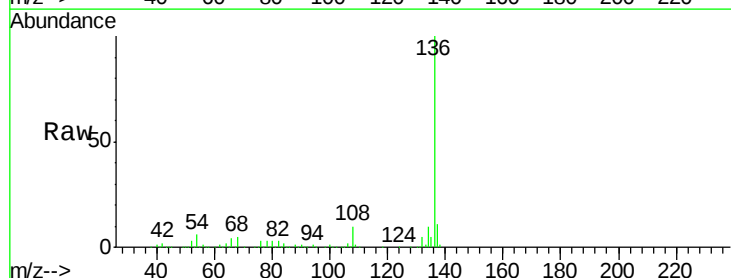
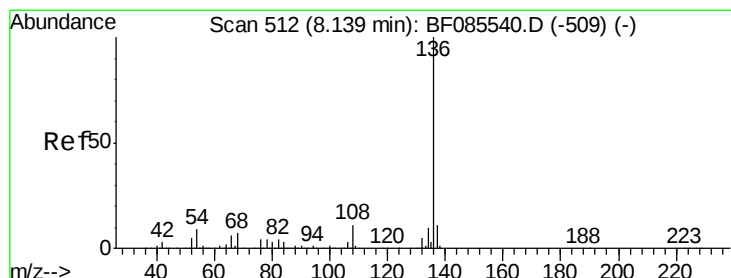
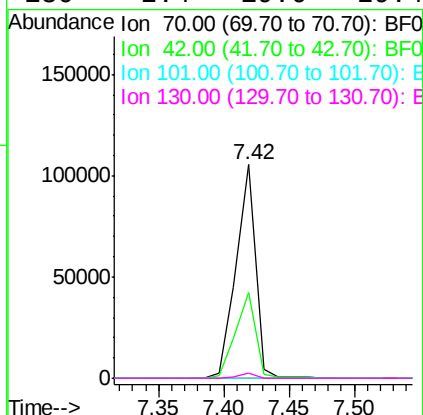




#19
n-Nitroso-di-n-propylamine
Concen: 16.77 ng
RT: 7.42 min Scan# 449
Delta R.T. 0.14 min
Lab File: BF085601.D
Acq: 20 Mar 2016 6:39

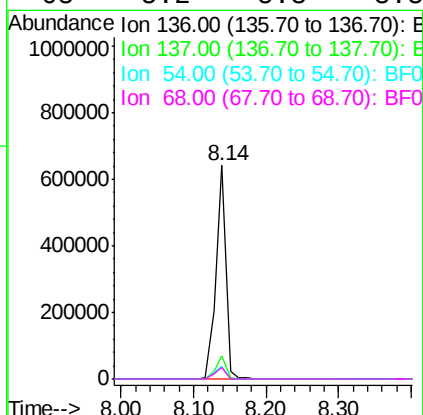
Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-7B

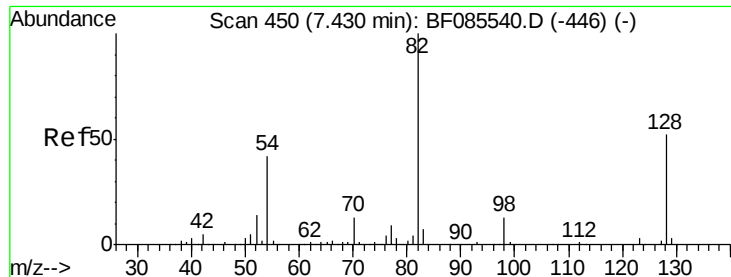
Tgt Ion:	70	Resp:	108902
Ion	Ratio	Lower	Upper
70	100		
42	40.0	37.1	55.7
101	0.0	8.6	12.8#
130	2.4	19.6	29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF085601.D
Acq: 20 Mar 2016 6:39

Tgt Ion:	136	Resp:	607777
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.0	7.4	11.0#
68	5.2	5.8	8.8#

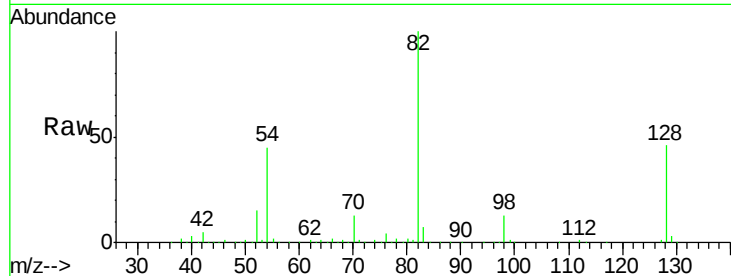




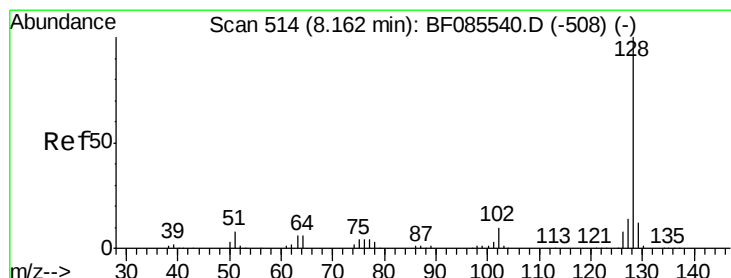
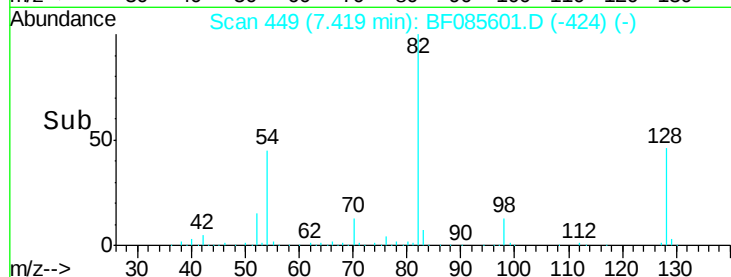
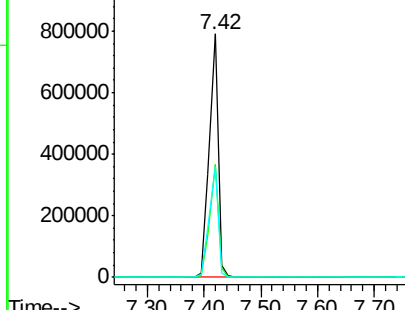
#23
Nitrobenzene-d5
Concen: 78.69 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF085601.D
Acq: 20 Mar 2016 6:39

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

Tgt Ion: 82 Resp: 823907
Ion Ratio Lower Upper
82 100
128 46.4 41.8 62.8
54 45.4 33.4 50.0

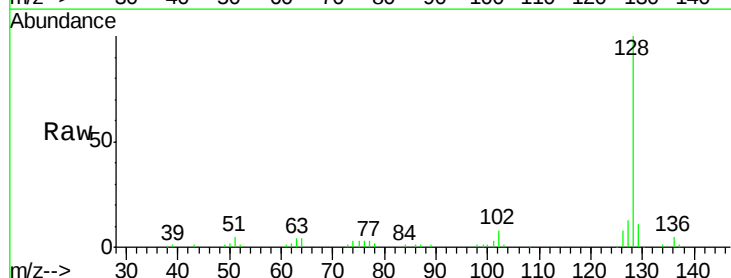


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

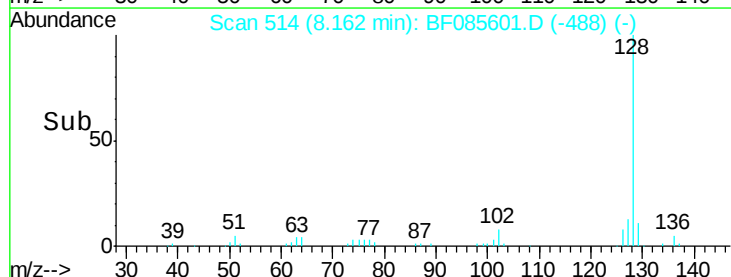
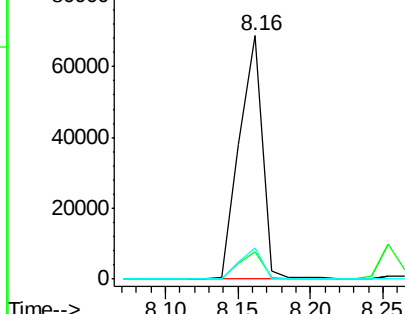


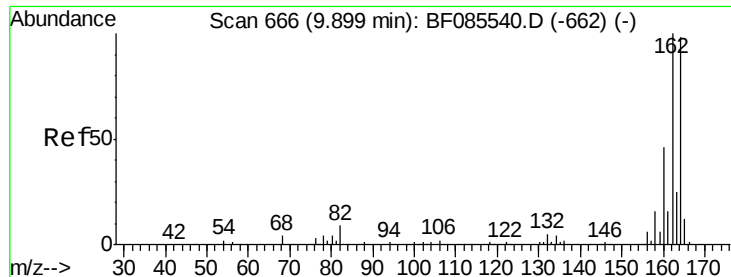
#31
Naphthalene
Concen: 2.48 ng
RT: 8.16 min Scan# 514
Delta R.T. 0.00 min
Lab File: BF085601.D
Acq: 20 Mar 2016 6:39

Tgt Ion: 128 Resp: 76230
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.0
127 12.8 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

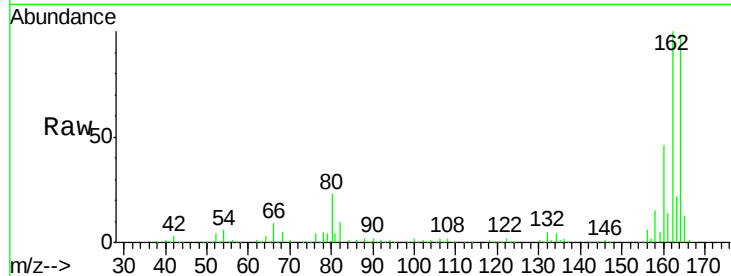




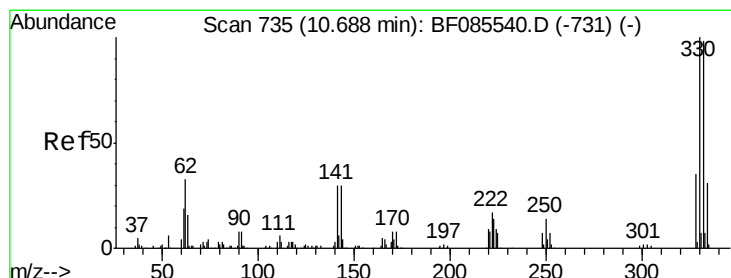
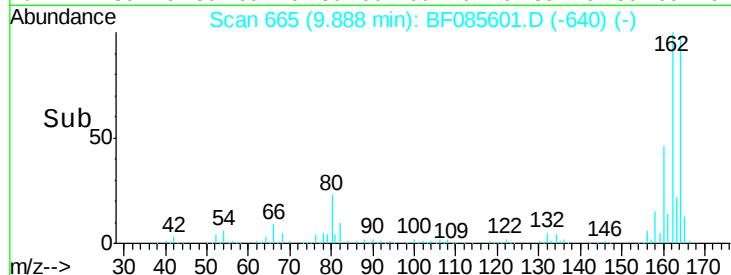
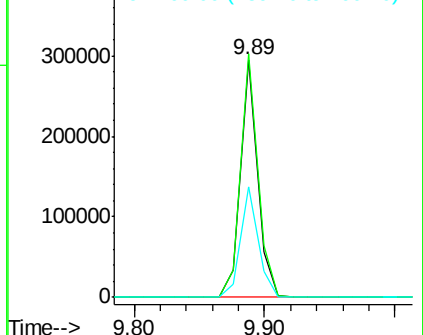
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF085601.D
 Acq: 20 Mar 2016 6:39

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

Tgt Ion:164 Resp: 266003
 Ion Ratio Lower Upper
 164 100
 162 102.5 82.1 123.1
 160 46.8 37.4 56.2

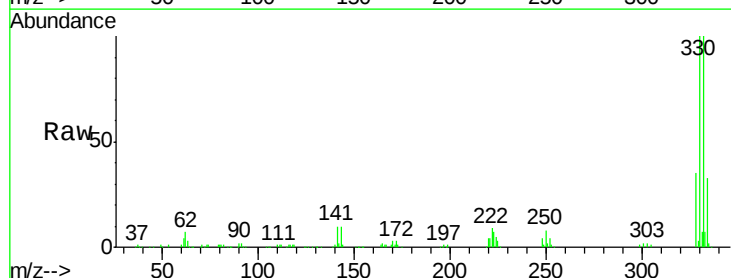


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

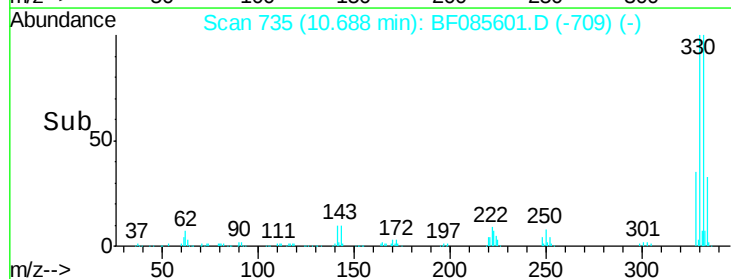
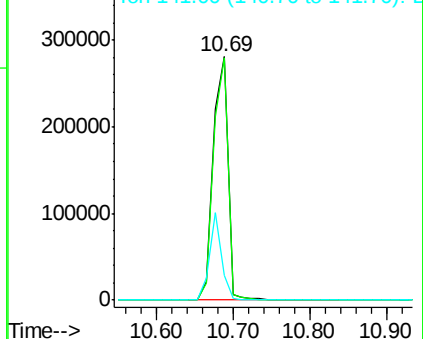


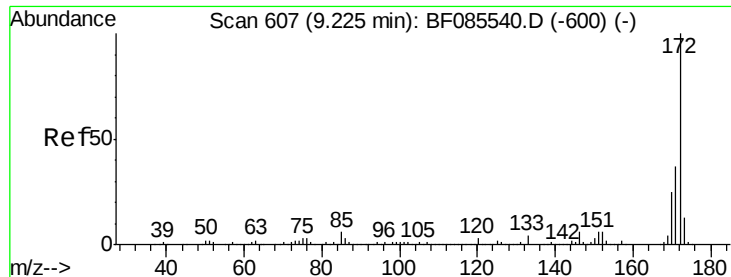
#41
 2,4,6-Tribromophenol
 Concen: 141.62 ng
 RT: 10.69 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF085601.D
 Acq: 20 Mar 2016 6:39

Tgt Ion:330 Resp: 369022
 Ion Ratio Lower Upper
 330 100
 332 98.1 78.2 117.2
 141 29.8 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

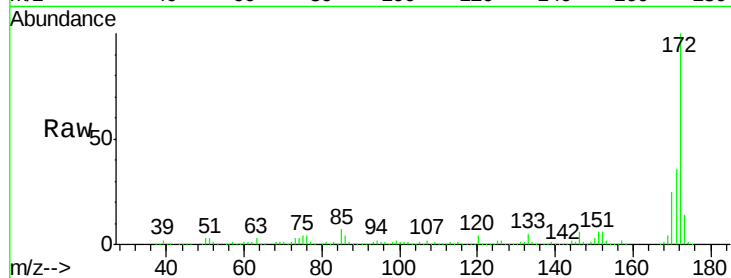




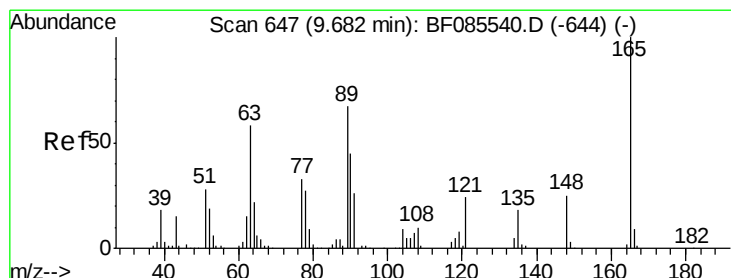
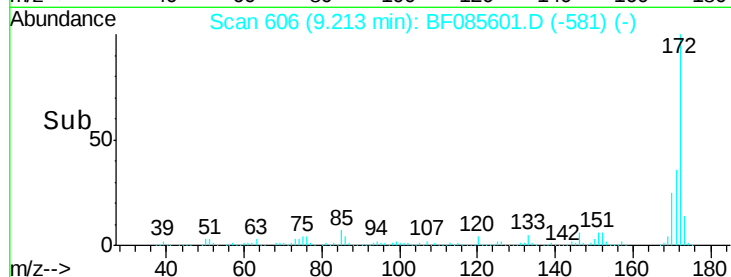
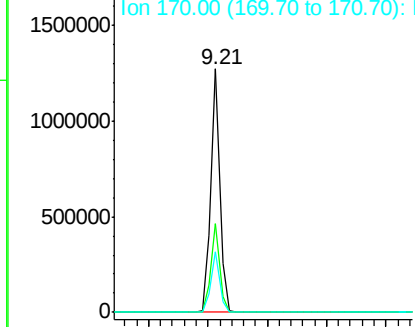
#44
 2-Fluorobiphenyl
 Concen: 86.61 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085601.D
 Acq: 20 Mar 2016 6:39

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

Tgt Ion:172 Resp: 1344169
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.2
 170 24.7 19.8 29.6

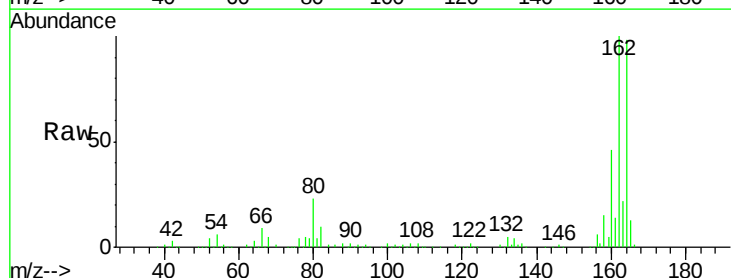


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

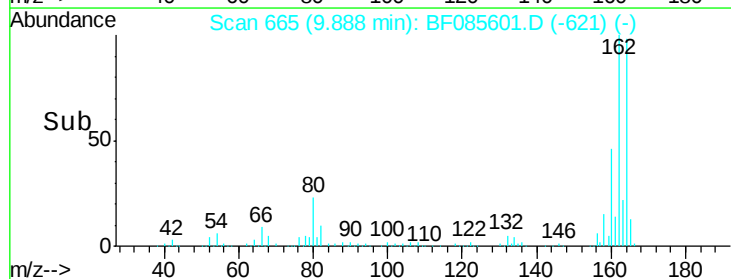
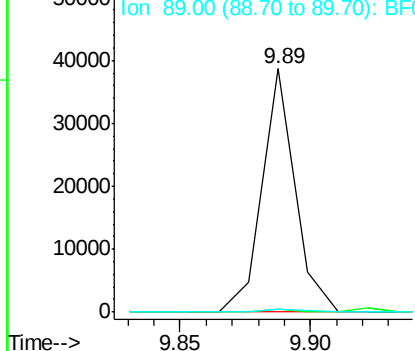


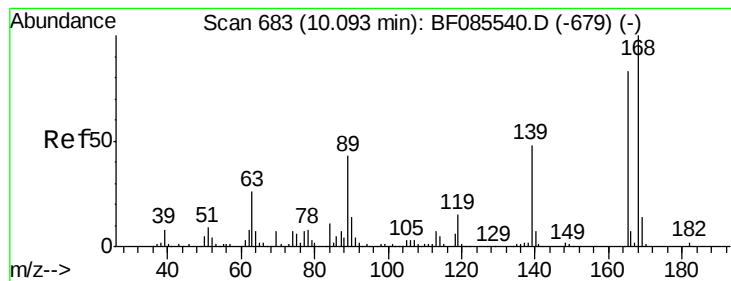
#50
 2,6-Dinitrotoluene
 Concen: 8.08 ng
 RT: 9.89 min Scan# 665
 Delta R.T. 0.21 min
 Lab File: BF085601.D
 Acq: 20 Mar 2016 6:39

Tgt Ion:165 Resp: 34249
 Ion Ratio Lower Upper
 165 100
 63 1.1 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

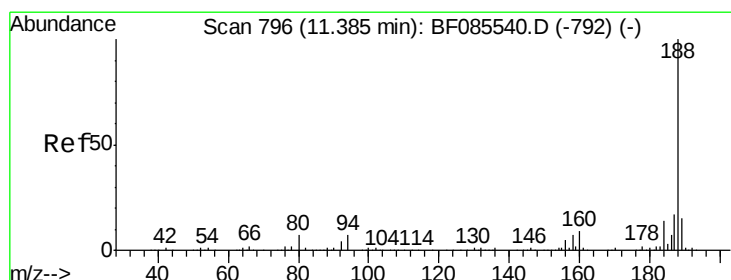
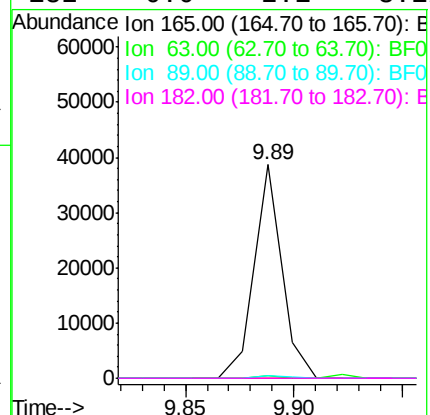
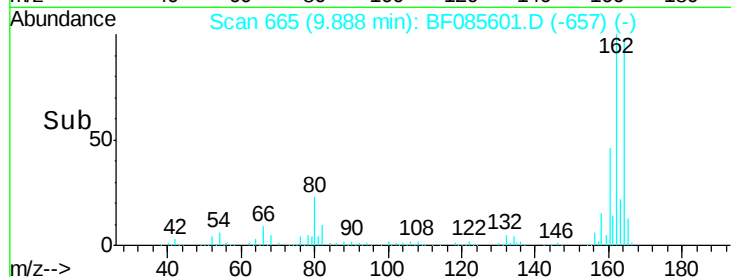
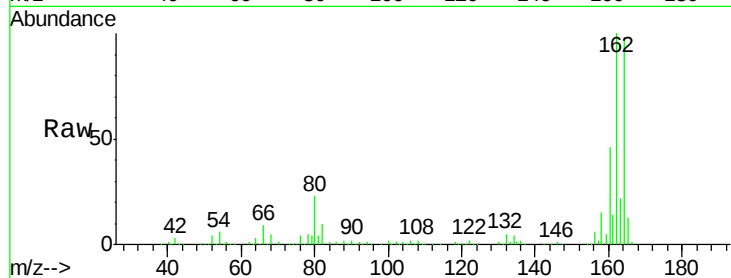




#56
 2,4-Dinitrotoluene
 Concen: 6.17 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.21 min
 Lab File: BF085601.D
 Acq: 20 Mar 2016 6:39

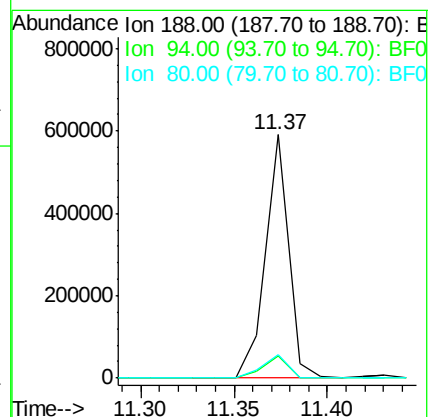
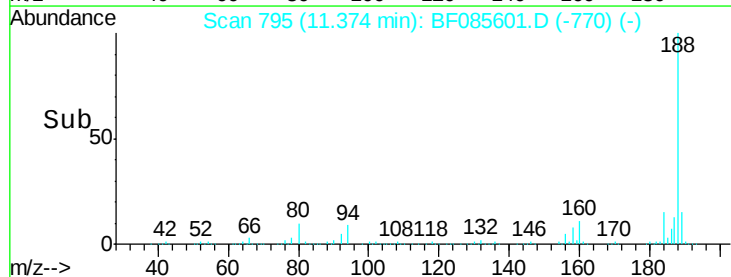
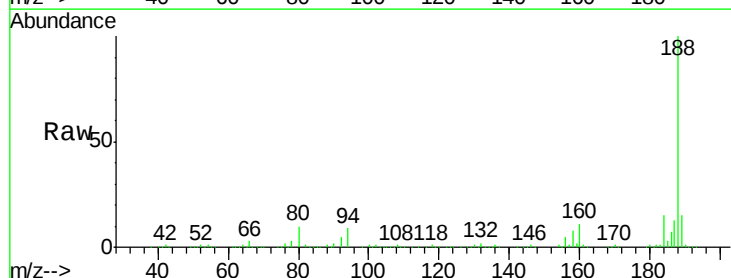
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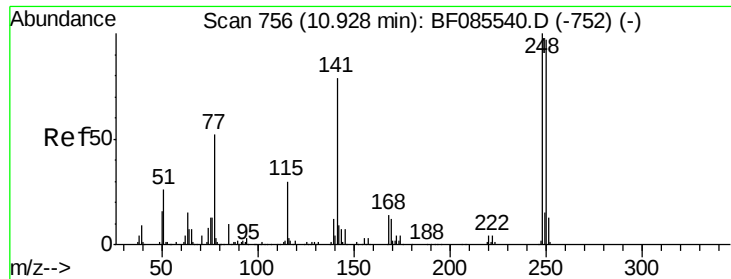
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	24.9	37.3#
89	1.3	41.0	61.6#
182	0.0	2.1	3.1#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF085601.D
 Acq: 20 Mar 2016 6:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	5.4	8.0#
80	9.7	5.5	8.3#

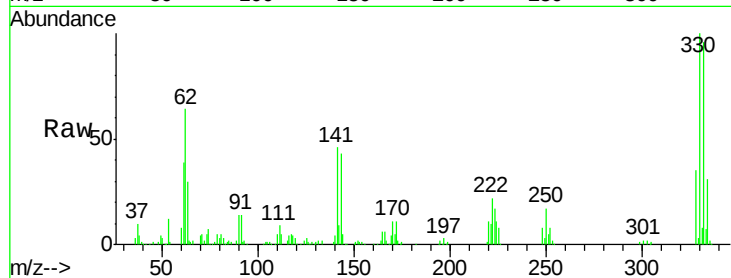




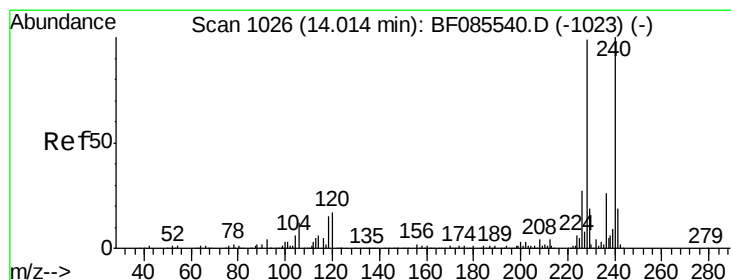
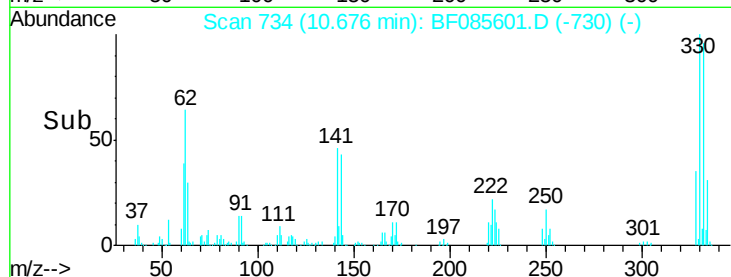
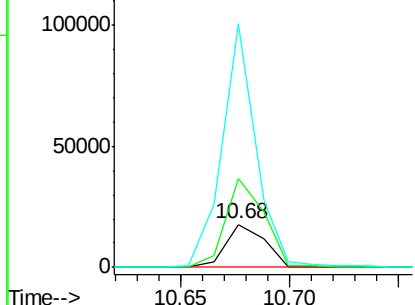
#66
 4-Bromophenyl-phenylether
 Concen: 4.44 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.25 min
 Lab File: BF085601.D
 Acq: 20 Mar 2016 6:39

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

Tgt Ion:248 Resp: 22471
 Ion Ratio Lower Upper
 248 100
 250 206.0 77.4 116.0#
 141 562.9 63.6 95.4#

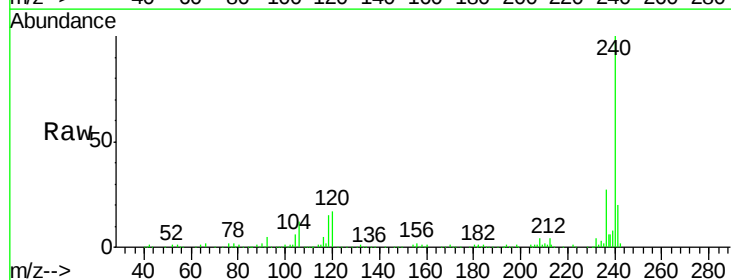


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

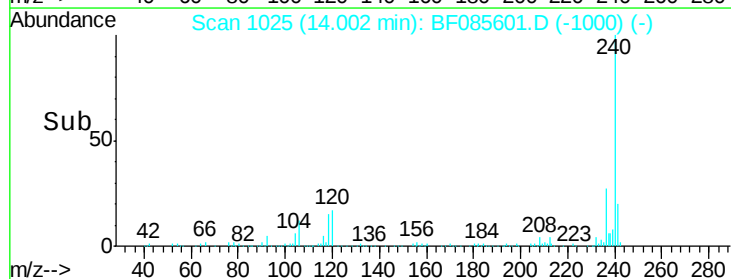
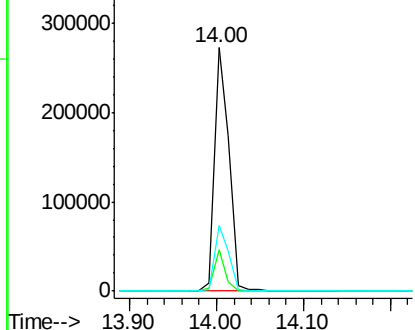


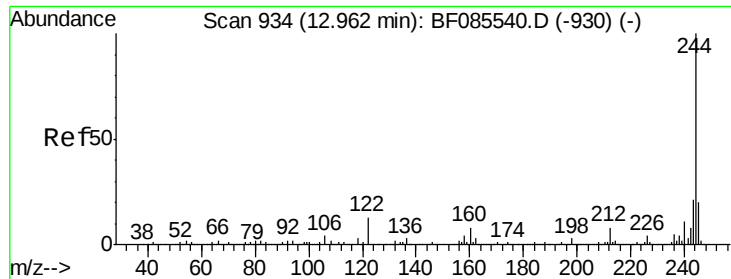
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BF085601.D
 Acq: 20 Mar 2016 6:39

Tgt Ion:240 Resp: 321366
 Ion Ratio Lower Upper
 240 100
 120 17.1 13.8 20.8
 236 27.2 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

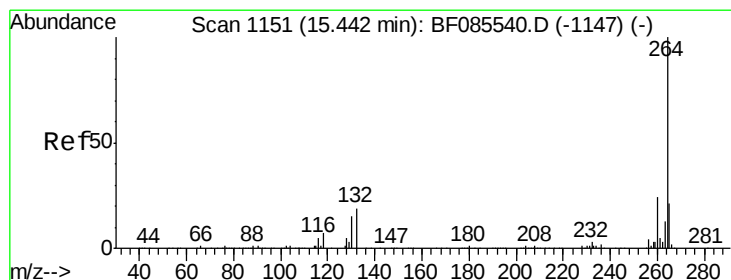
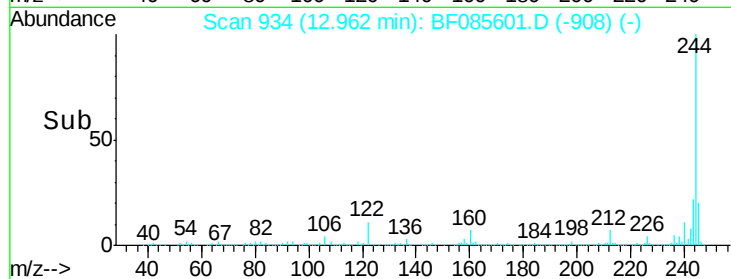
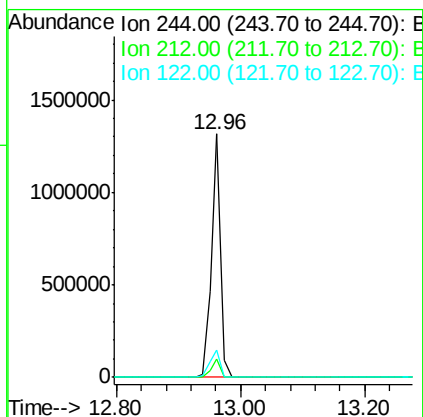
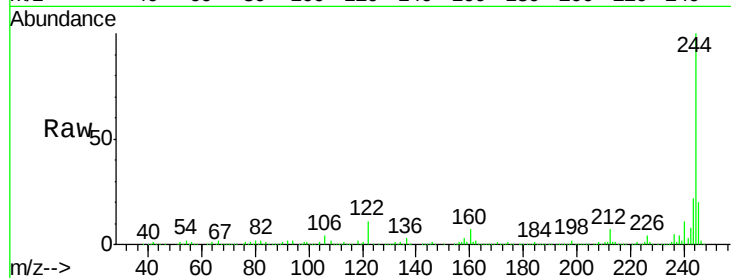




#78
 Terphenyl-d14
 Concen: 97.95 ng
 RT: 12.96 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF085601.D
 Acq: 20 Mar 2016 6:39

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

Tgt Ion:244 Resp: 1308085
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 11.1 10.2 15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF085601.D
 Acq: 20 Mar 2016 6:39

Tgt Ion:264 Resp: 268487
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.4 29.2
 265 21.5 17.2 25.8

