

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
 Data File : BF085434.D
 Acq On : 14 Mar 2016 17:42
 Operator : UM/SJ
 Sample : H1757-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-STOCKPICE-COMP1

Quant Time: Mar 15 01:01:14 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	182036	20.00	ng	-0.06
21) Naphthalene-d8	8.21	136	703392	20.00	ng	-0.06
38) Acenaphthene-d10	9.97	164	328252	20.00	ng	-0.06
63) Phenanthrene-d10	11.45	188	590719	20.00	ng	-0.06
75) Chrysene-d12	14.08	240	309074	20.00	ng	-0.07
86) Perylene-d12	15.55	264	275188	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	1557948	143.56	ng	-0.02
7) Phenol-d6	6.56	99	1535677	108.01	ng	-0.05
23) Nitrobenzene-d5	7.49	82	1173243	89.26	ng	-0.06
41) 2,4,6-Tribromophenol	10.76	330	436411	155.38	ng	-0.06
44) 2-Fluorobiphenyl	9.29	172	2116947	98.08	ng	-0.06
78) Terphenyl-d14	13.04	244	1778008	133.54	ng	-0.05

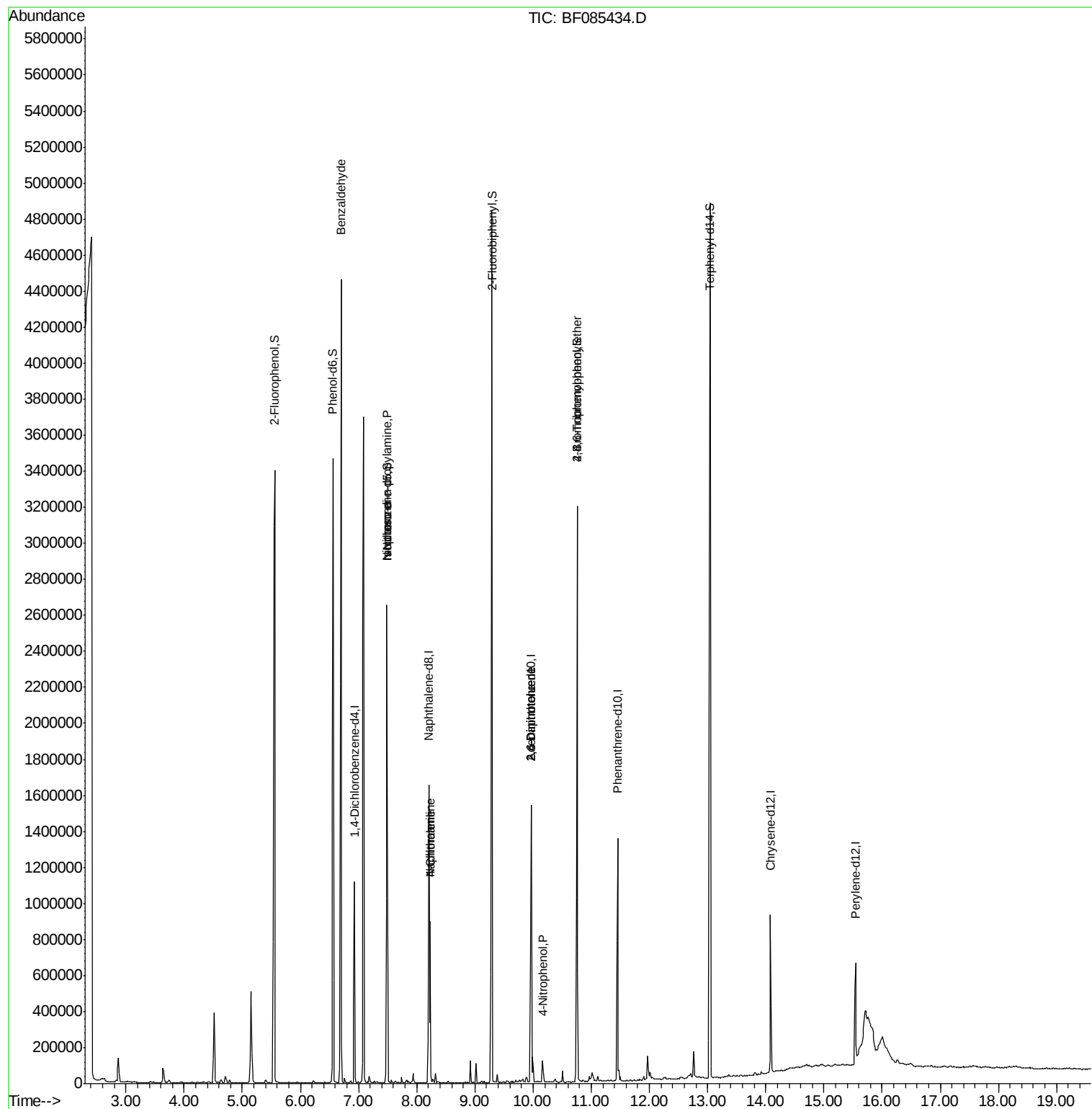
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.70	77	32225	2.00	ng	88
19) n-Nitroso-di-n-propylamine	7.49	70	152984	16.51	ng	# 79
25) Isophorone	7.49	82	911493	37.42	ng	# 67
31) Naphthalene	8.23	128	373777	10.81	ng	98
33) 4-Chloroaniline	8.23	127	48516	3.47	ng	# 31
50) 2,6-Dinitrotoluene	9.97	165	41787	7.75	ng	# 26
55) 4-Nitrophenol	10.16	139	11500	2.27	ng	# 22
56) 2,4-Dinitrotoluene	9.97	165	41789	6.06	ng	# 22
66) 4-Bromophenyl-phenylether	10.76	248	29225	5.10	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: 6.93 min Scan# 406

Delta R.T. -0.06 min

Lab File: BF085434.D

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Instrument :

BNA_F

ClientSampleId :

TRACK-D-STOCKPICE-COMP1

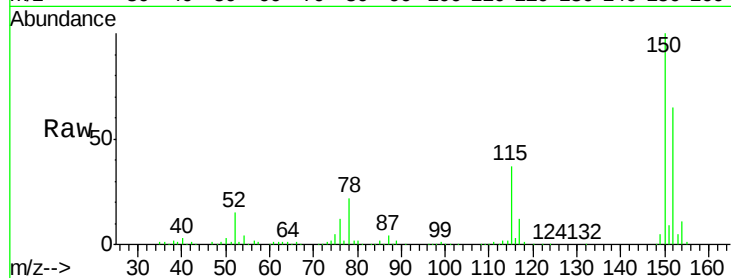
Tgt Ion:152 Resp: 182036

Ion Ratio Lower Upper

152 100

150 154.2 124.6 186.8

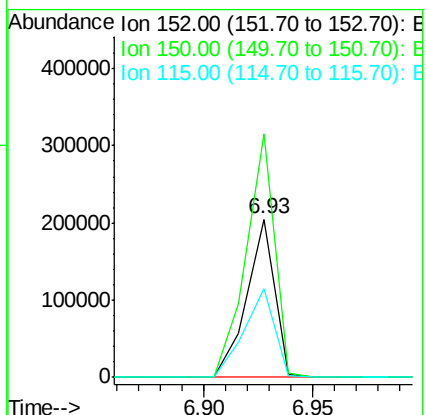
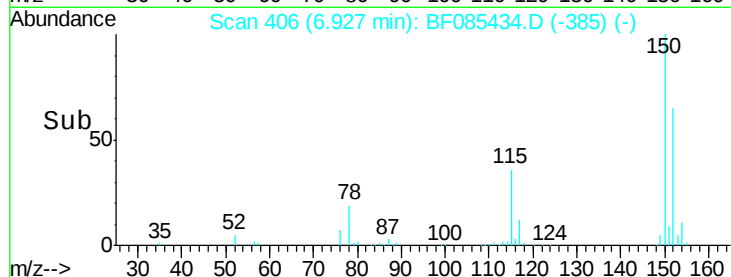
115 56.5 46.6 70.0



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: 143.56 ng

RT: 5.56 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF085434.D

Acq: 14 Mar 2016 17:42

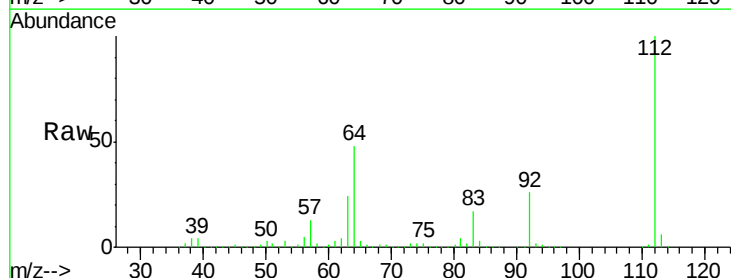
Tgt Ion:112 Resp: 1557948

Ion Ratio Lower Upper

112 100

64 47.7 49.0 73.4#

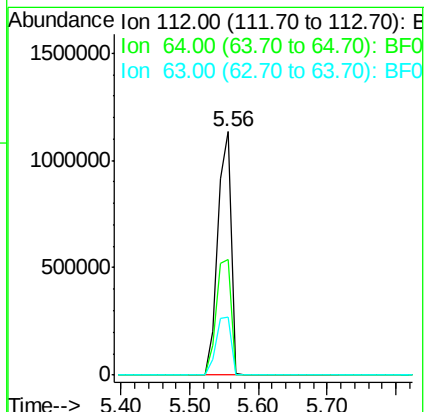
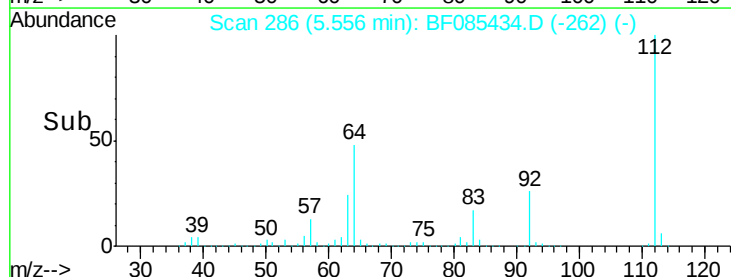
63 23.8 24.8 37.2#

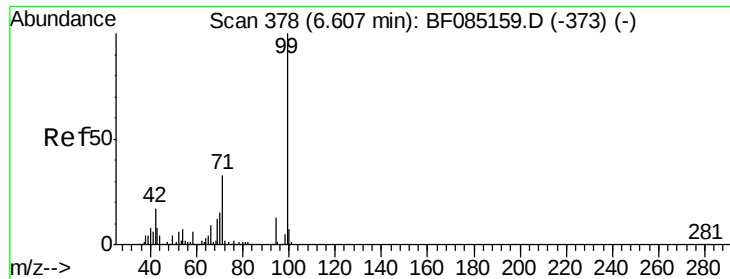


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.01 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.05 min

Lab File: BF085434.D

Acq: 14 Mar 2016 17:42

Instrument :

BNA_F

ClientSampleId :

TRACK-D-STOCKPICE-COMP1

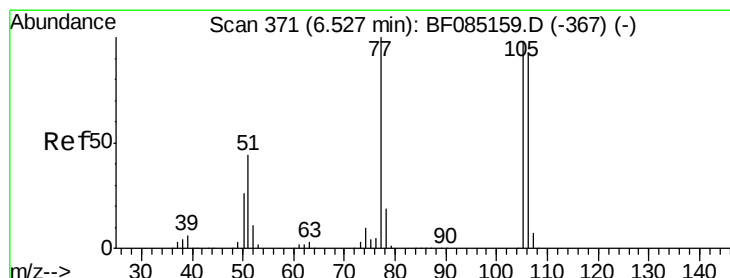
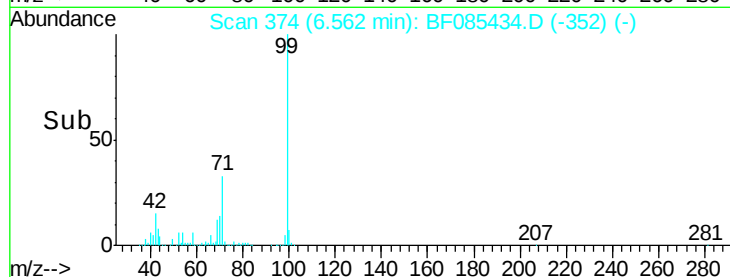
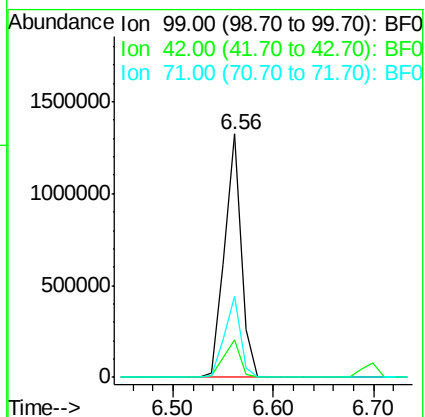
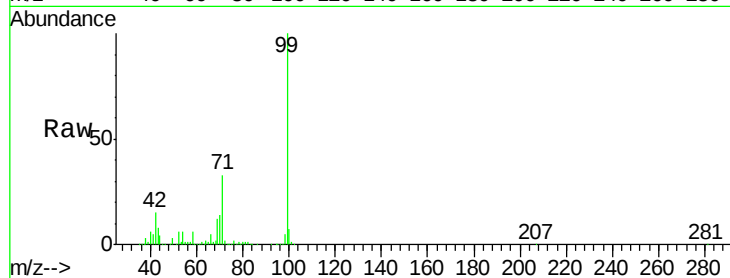
Tgt Ion: 99 Resp: 1535677

Ion Ratio Lower Upper

99 100

42 15.4 13.6 20.4

71 33.3 26.7 40.1



#9

Benzaldehyde

Concen: 2.00 ng

RT: 6.70 min Scan# 386

Delta R.T. 0.17 min

Lab File: BF085434.D

Acq: 14 Mar 2016 17:42

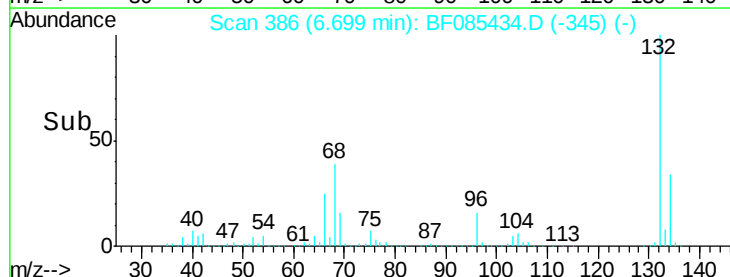
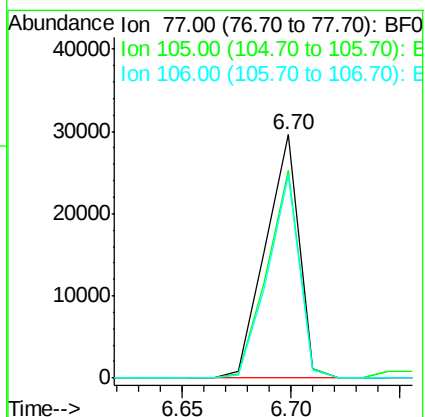
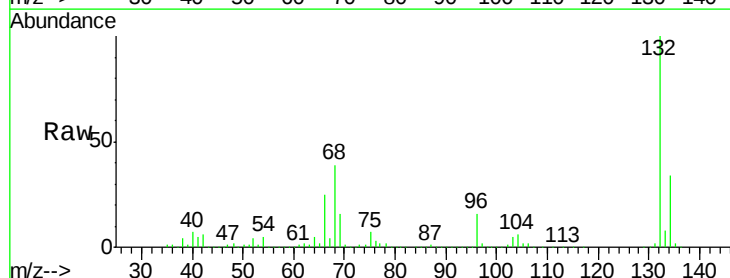
Tgt Ion: 77 Resp: 32225

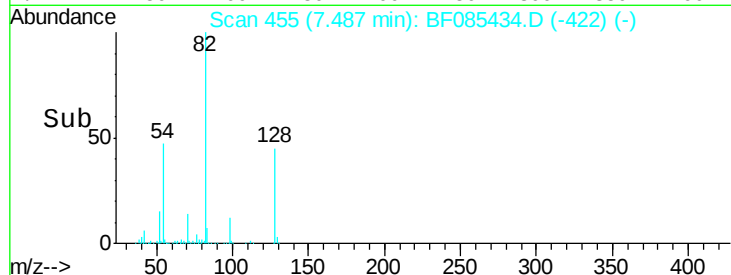
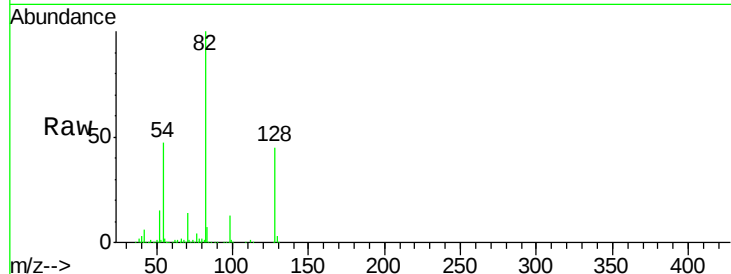
Ion Ratio Lower Upper

77 100

105 85.3 78.2 118.2

106 83.3 72.9 112.9

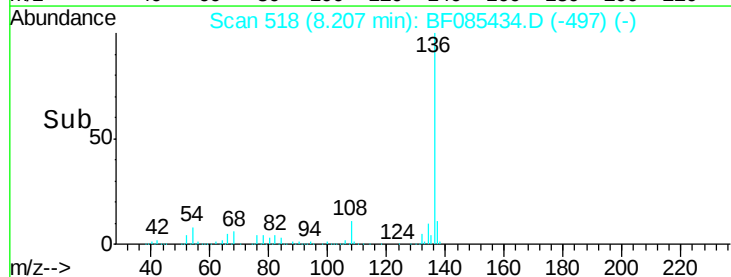
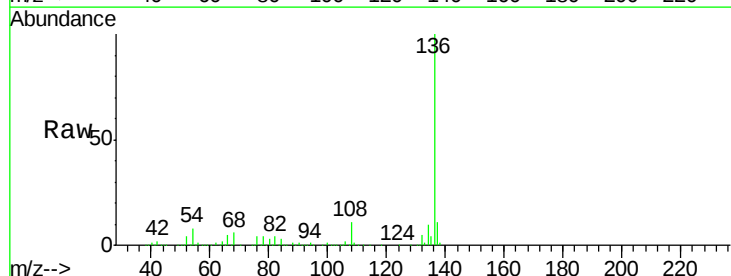
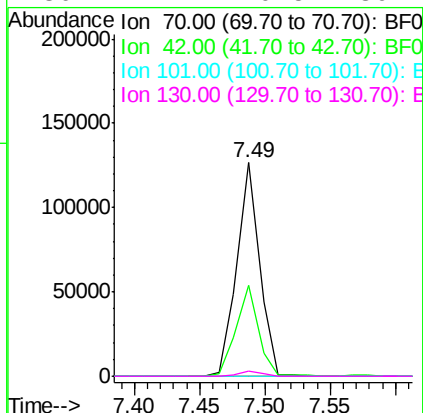




#19
n-Nitroso-di-n-propylamine
Concen: 16.51 ng
RT: 7.49 min Scan# 455
Delta R.T. 0.08 min
Lab File: BF085434.D
Acq: 14 Mar 2016 17:42

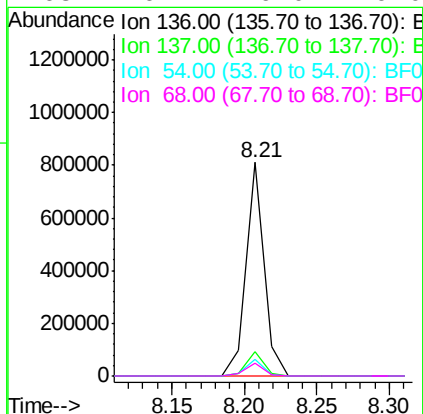
Instrument :
BNA_F
ClientSampleId :
TRACK-D-STOCKPICE-COMP1

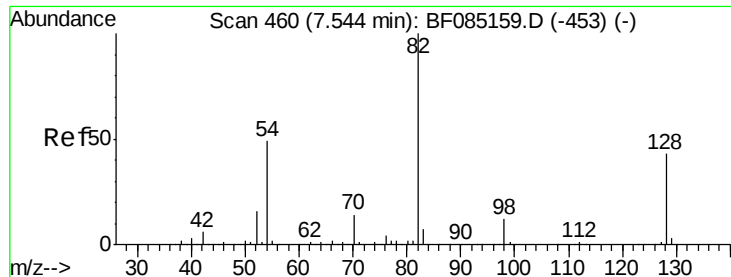
Tgt Ion:	70	Resp:	152984
Ion	Ratio	Lower	Upper
70	100		
42	42.6	37.7	56.5
101	0.0	8.2	12.4#
130	2.4	20.5	30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 518
Delta R.T. -0.06 min
Lab File: BF085434.D
Acq: 14 Mar 2016 17:42

Tgt Ion:	136	Resp:	703392
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	7.7	7.4	11.2
68	6.2	6.0	9.0

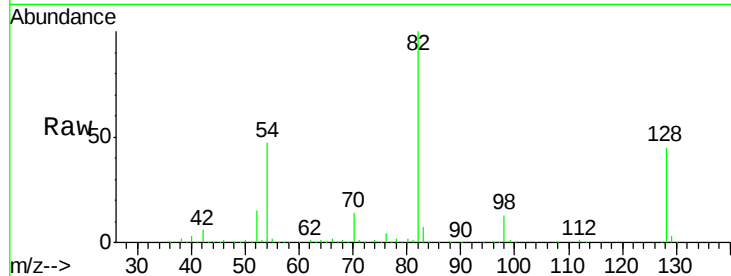




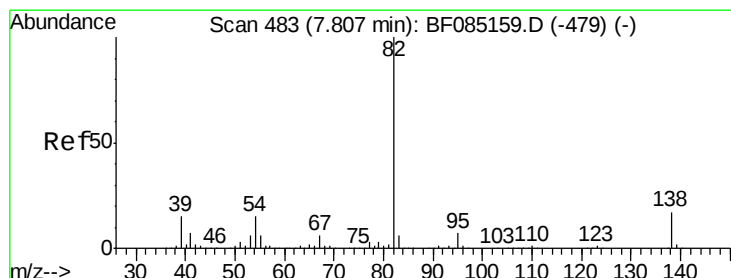
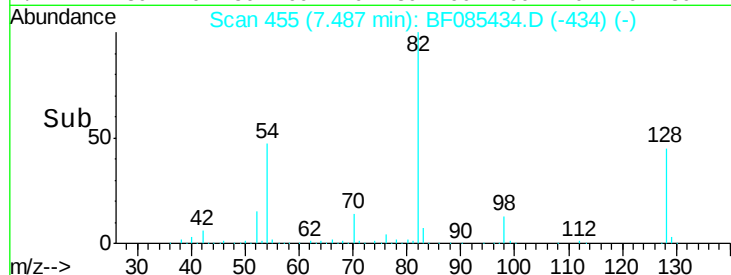
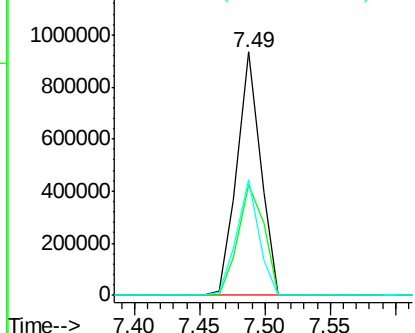
#23
 Nitrobenzene-d5
 Concen: 89.26 ng
 RT: 7.49 min Scan# 455
 Delta R.T. -0.06 min
 Lab File: BF085434.D
 Acq: 14 Mar 2016 17:42

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-STOCKPICE-COMP1

Tgt Ion: 82 Resp: 1173243
 Ion Ratio Lower Upper
 82 100
 128 45.5 34.5 51.7
 54 47.3 39.3 58.9

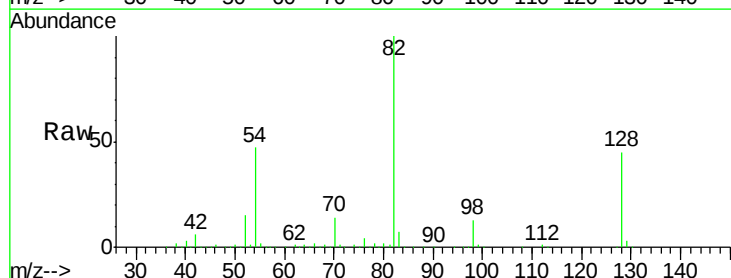


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

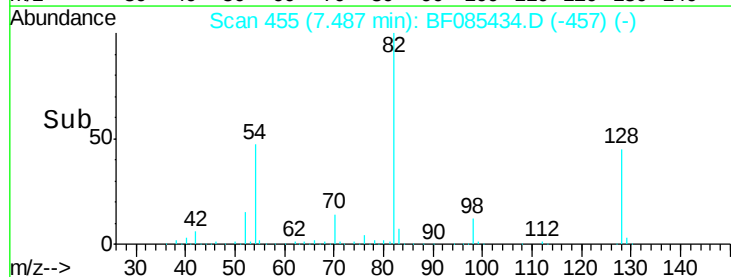
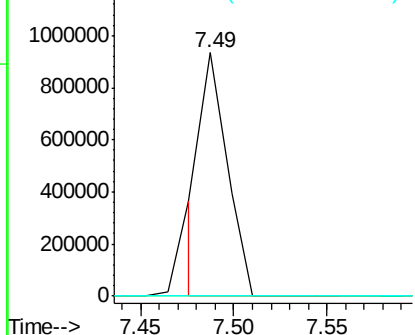


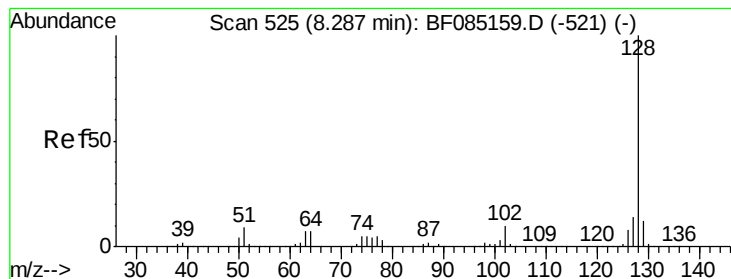
#25
 Isophorone
 Concen: 37.42 ng
 RT: 7.49 min Scan# 455
 Delta R.T. -0.32 min
 Lab File: BF085434.D
 Acq: 14 Mar 2016 17:42

Tgt Ion: 82 Resp: 911493
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 13.3 19.9#



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





#31

Naphthalene

Concen: 10.81 ng

RT: 8.23 min Scan# 520

Delta R.T. -0.06 min

Lab File: BF085434.D

Acq: 14 Mar 2016 17:42

Instrument :

BNA_F

ClientSampleId :

TRACK-D-STOCKPICE-COMP1

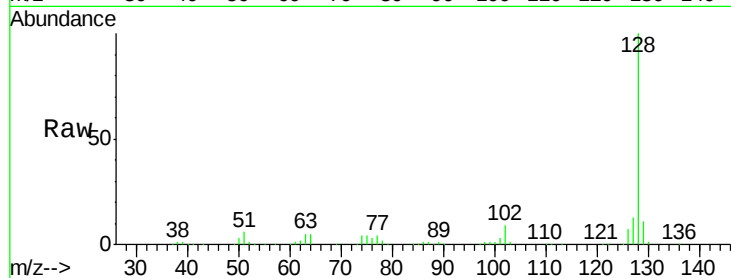
Tgt Ion:128 Resp: 373777

Ion Ratio Lower Upper

128 100

129 11.2 9.7 14.5

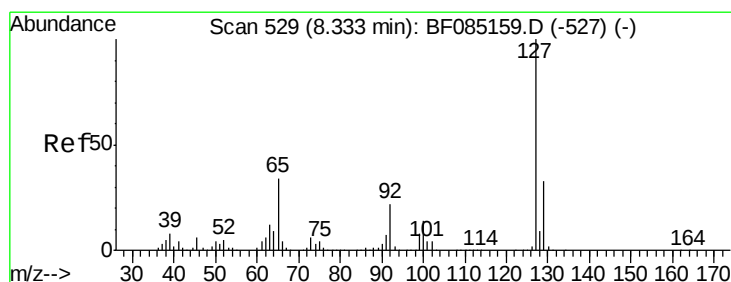
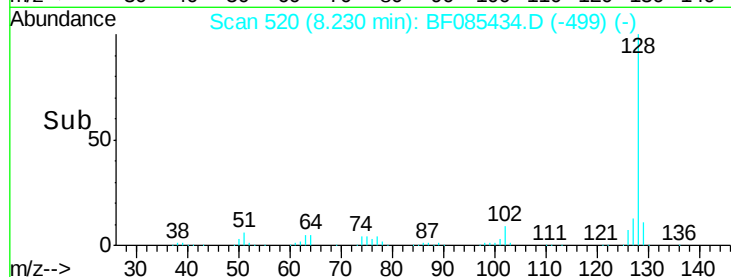
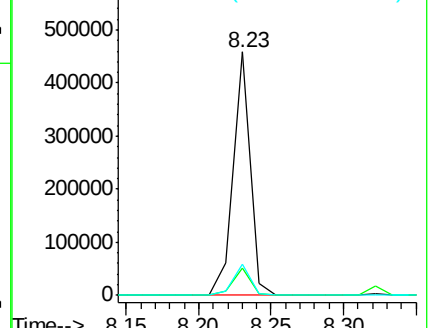
127 13.1 11.2 16.8



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



#33

4-Chloroaniline

Concen: 3.47 ng

RT: 8.23 min Scan# 520

Delta R.T. -0.10 min

Lab File: BF085434.D

Acq: 14 Mar 2016 17:42

Tgt Ion:127 Resp: 48516

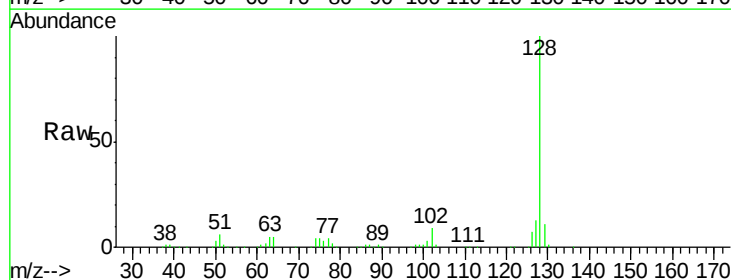
Ion Ratio Lower Upper

127 100

129 86.1 26.1 39.1#

65 0.0 27.0 40.6#

92 0.0 17.4 26.0#

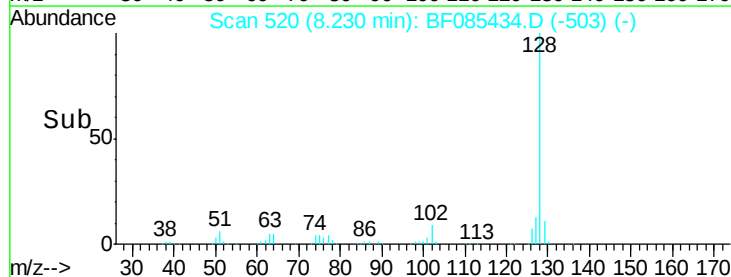
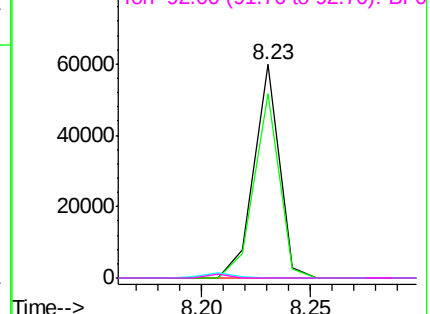


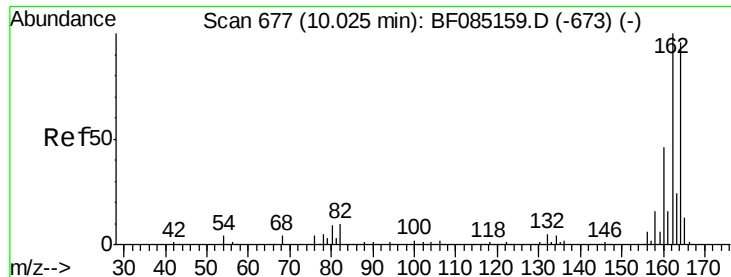
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

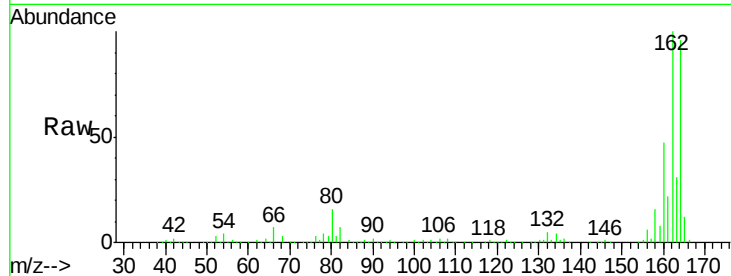




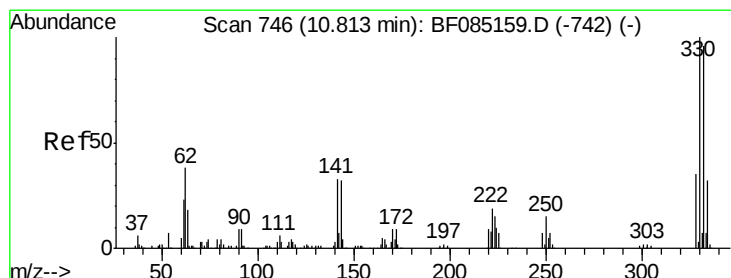
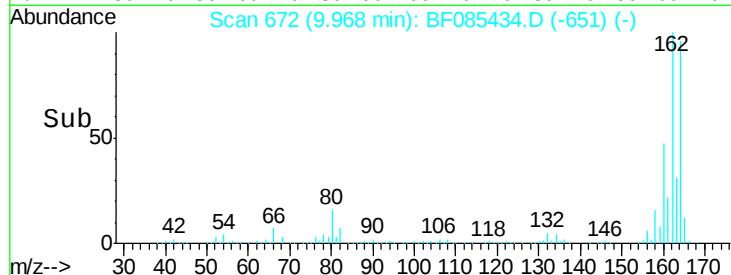
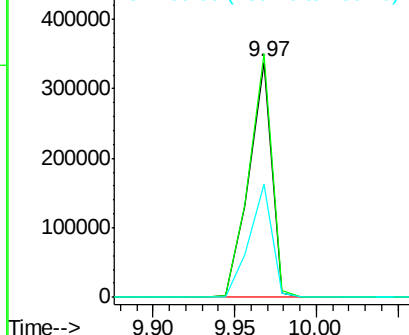
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 672
 Delta R.T. -0.06 min
 Lab File: BF085434.D
 Acq: 14 Mar 2016 17:42

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-STOCKPICE-COMP1

Tgt Ion:164 Resp: 328252
 Ion Ratio Lower Upper
 164 100
 162 103.7 83.3 124.9
 160 48.2 37.9 56.9

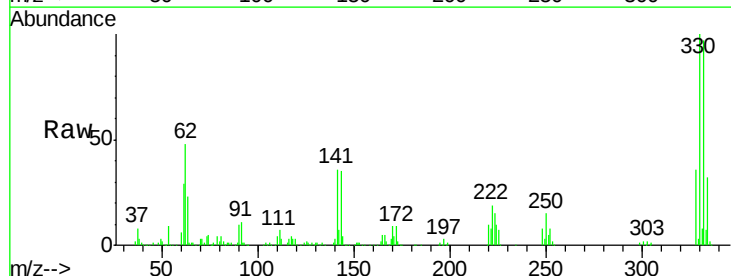


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

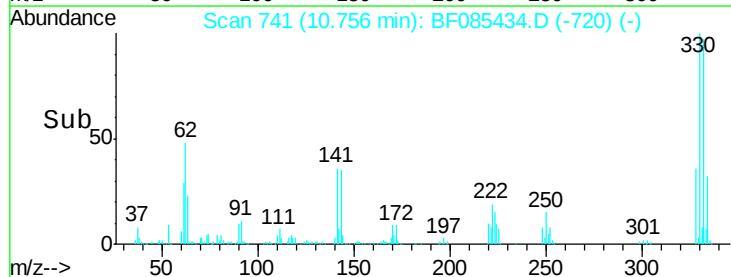
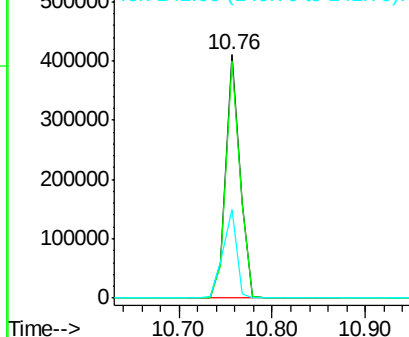


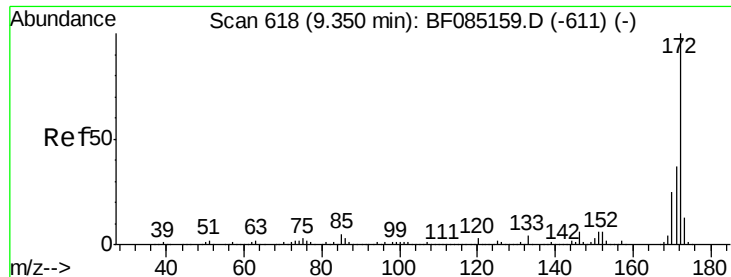
#41
 2,4,6-Tribromophenol
 Concen: 155.38 ng
 RT: 10.76 min Scan# 741
 Delta R.T. -0.06 min
 Lab File: BF085434.D
 Acq: 14 Mar 2016 17:42

Tgt Ion:330 Resp: 436411
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.1 115.7
 141 35.1 35.0 52.6



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

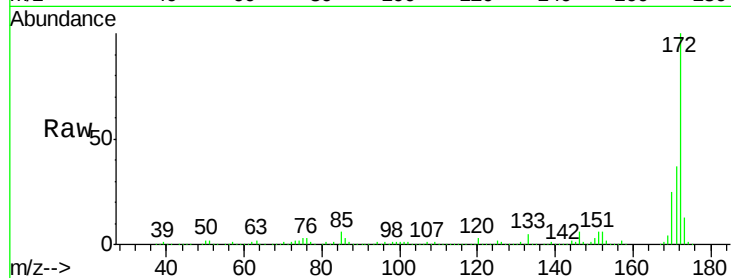




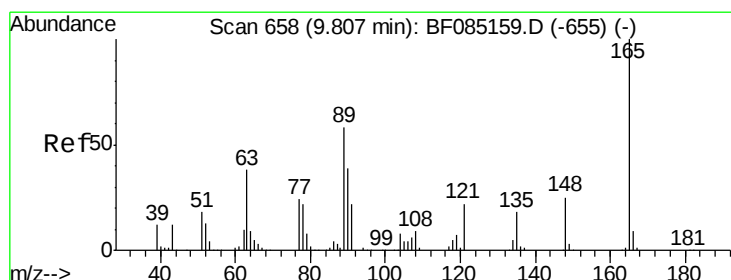
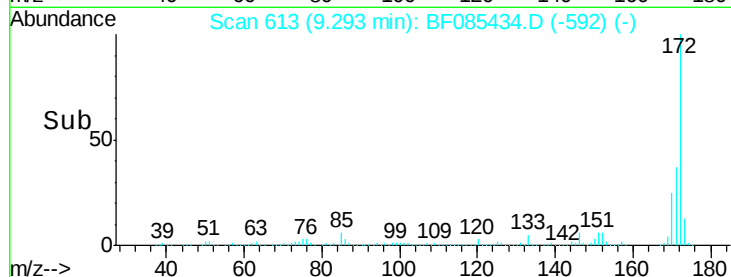
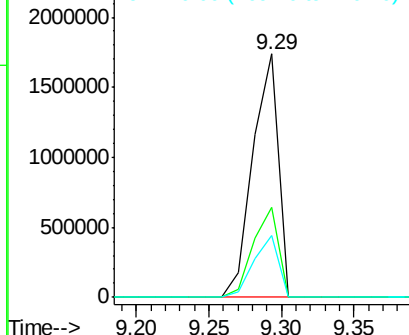
#44
 2-Fluorobiphenyl
 Concen: 98.08 ng
 RT: 9.29 min Scan# 613
 Delta R.T. -0.06 min
 Lab File: BF085434.D
 Acq: 14 Mar 2016 17:42

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-STOCKPICE-COMP1

Tgt Ion:172 Resp: 2116947
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.3 43.9
 170 25.3 20.0 30.0

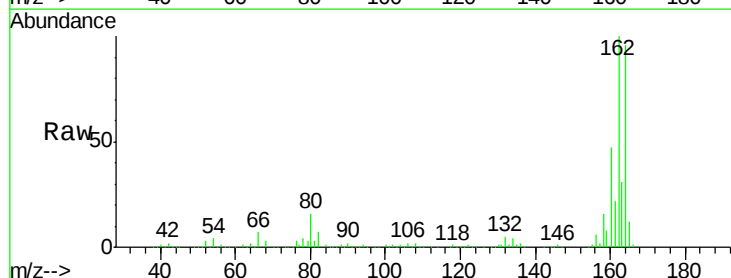


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

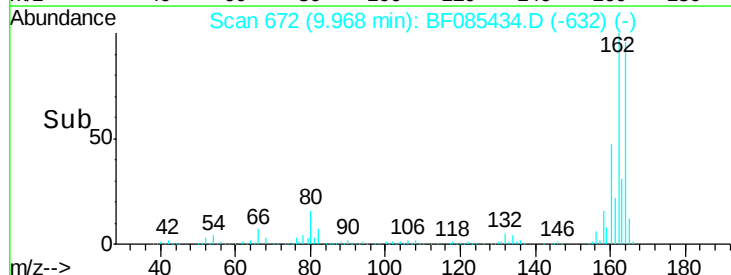
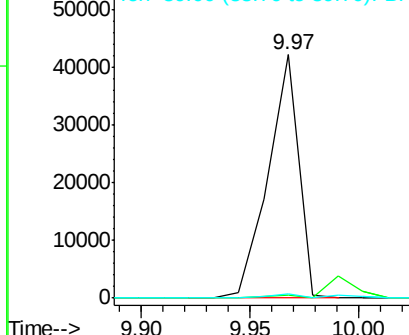


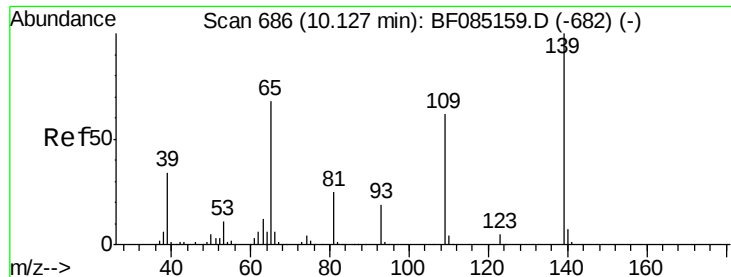
#50
 2,6-Dinitrotoluene
 Concen: 7.75 ng
 RT: 9.97 min Scan# 672
 Delta R.T. 0.16 min
 Lab File: BF085434.D
 Acq: 14 Mar 2016 17:42

Tgt Ion:165 Resp: 41787
 Ion Ratio Lower Upper
 165 100
 63 1.2 41.8 62.8#
 89 1.8 46.7 70.1#



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

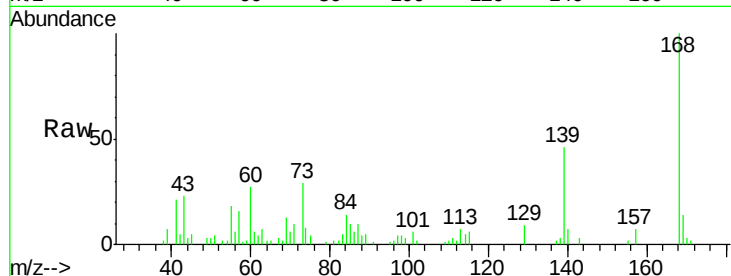




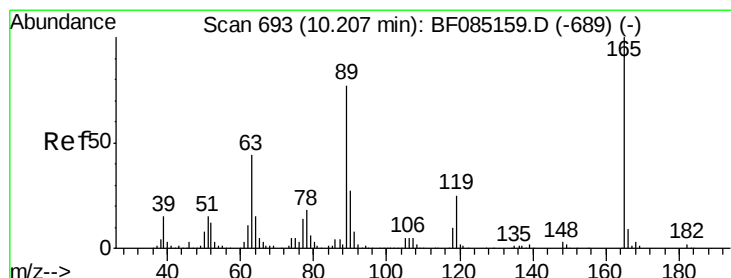
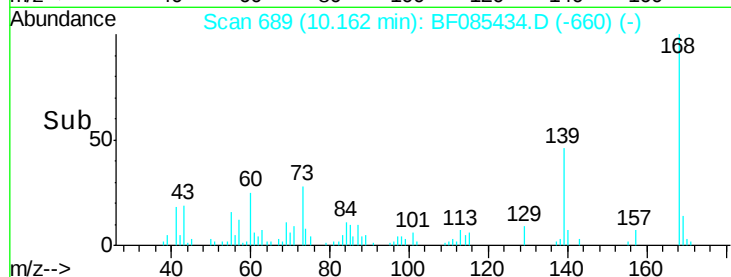
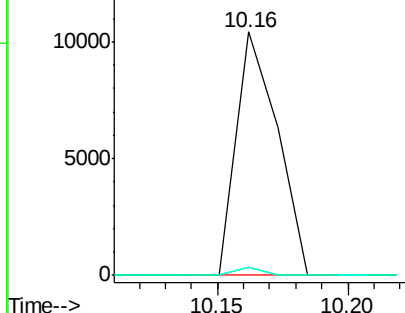
#55
4-Nitrophenol
Concen: 2.27 ng
RT: 10.16 min Scan# 689
Delta R.T. 0.03 min
Lab File: BF085434.D
Acq: 14 Mar 2016 17:42

Instrument :
BNA_F
ClientSampleId :
TRACK-D-STOCKPICE-COMP1

Tgt Ion:139 Resp: 11500
Ion Ratio Lower Upper
139 100
109 3.2 41.9 81.9#
65 3.5 48.3 88.3#



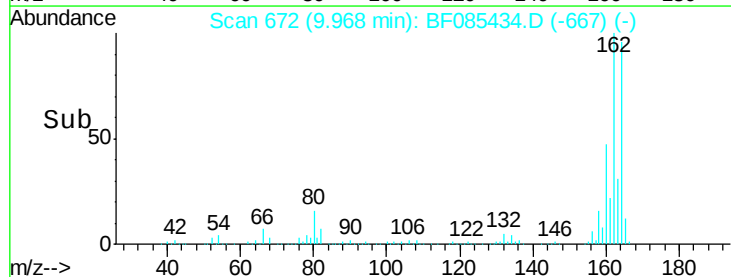
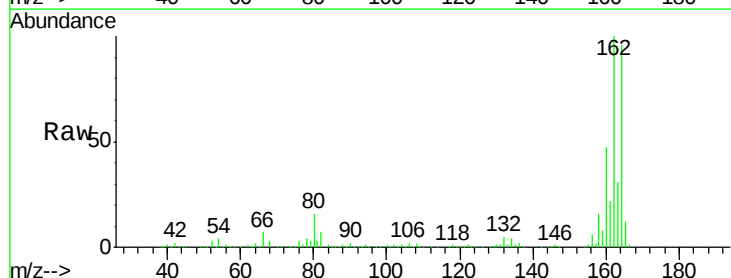
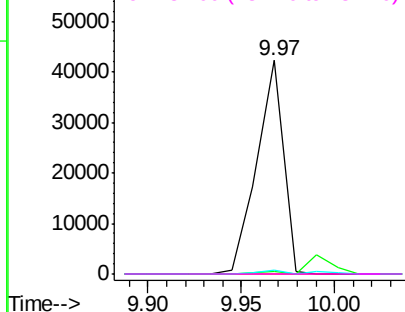
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

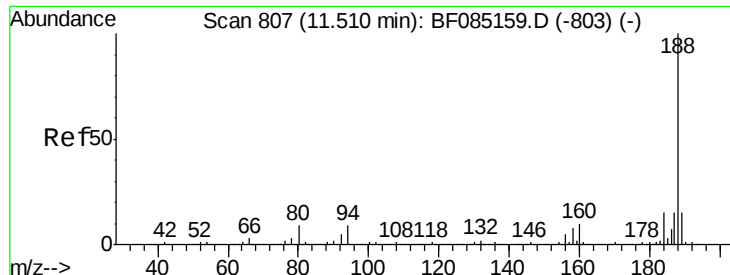


#56
2,4-Dinitrotoluene
Concen: 6.06 ng
RT: 9.97 min Scan# 672
Delta R.T. -0.24 min
Lab File: BF085434.D
Acq: 14 Mar 2016 17:42

Tgt Ion:165 Resp: 41789
Ion Ratio Lower Upper
165 100
63 1.2 35.4 53.0#
89 1.8 61.9 92.9#
182 0.0 1.9 2.9#

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

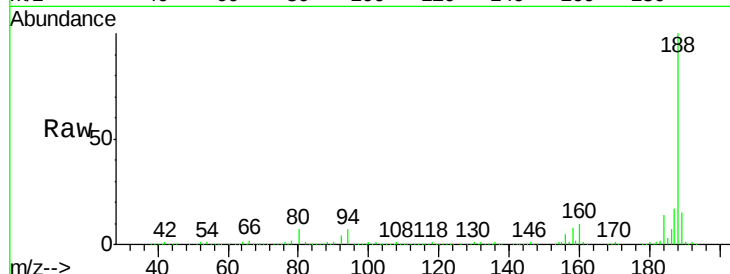




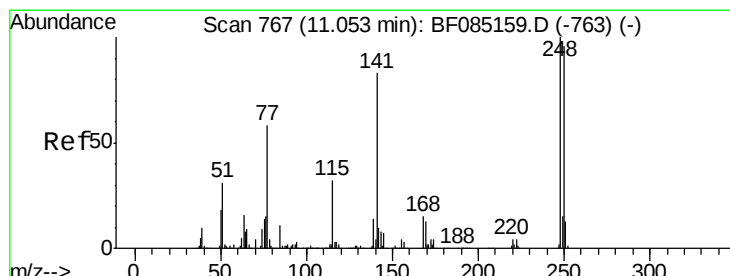
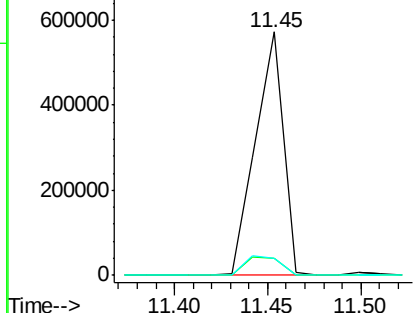
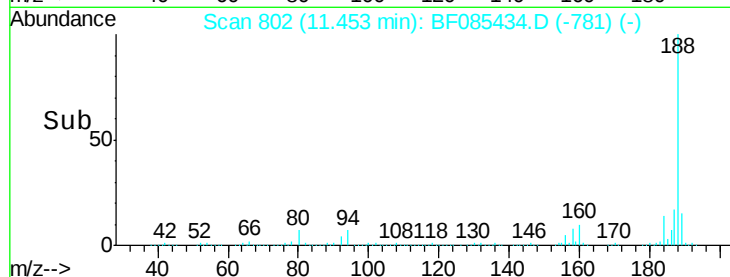
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 802
Delta R.T. -0.06 min
Lab File: BF085434.D
Acq: 14 Mar 2016 17:42

Instrument :
BNA_F
ClientSampleId :
TRACK-D-STOCKPICE-COMP1

Tgt Ion:188 Resp: 590719
Ion Ratio Lower Upper
188 100
94 7.1 7.0 10.6
80 7.0 7.4 11.0#

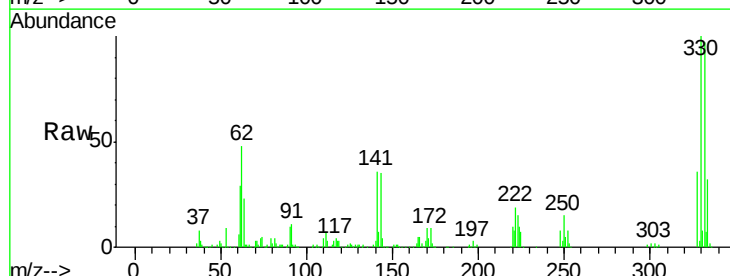


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

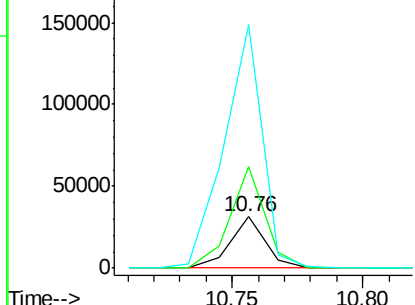
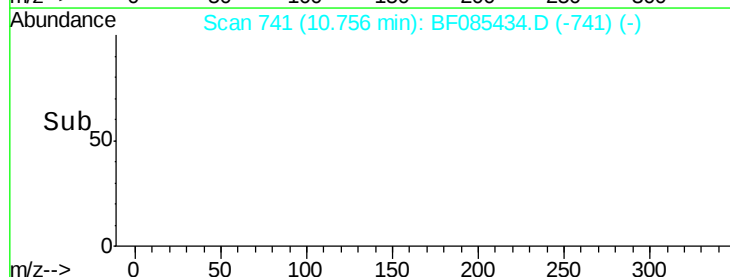


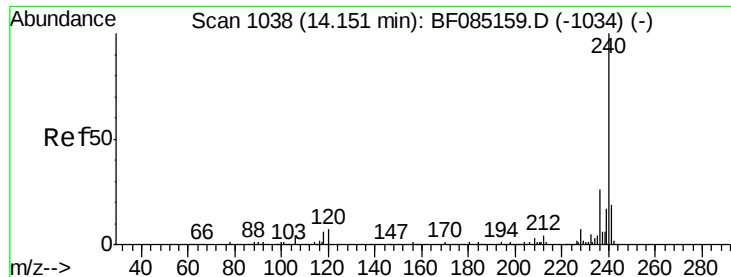
#66
4-Bromophenyl-phenylether
Concen: 5.10 ng
RT: 10.76 min Scan# 741
Delta R.T. -0.30 min
Lab File: BF085434.D
Acq: 14 Mar 2016 17:42

Tgt Ion:248 Resp: 29225
Ion Ratio Lower Upper
248 100
250 198.4 77.1 115.7#
141 474.7 66.2 99.2#



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: 14.08 min Scan# 1032

Delta R.T. -0.07 min

Lab File: BF085434.D

Acq: 14 Mar 2016 17:42

Instrument :

BNA_F

ClientSampleId :

TRACK-D-STOCKPICE-COMP1

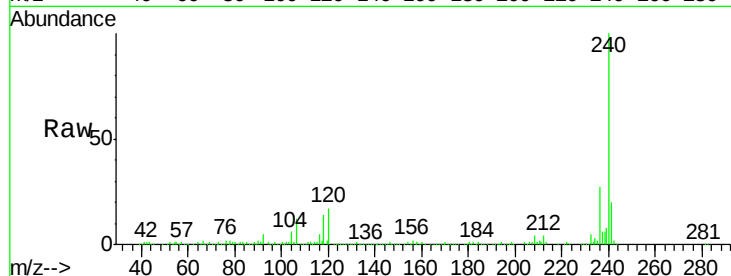
Tgt Ion:240 Resp: 309074

Ion Ratio Lower Upper

240 100

120 16.6 5.3 7.9#

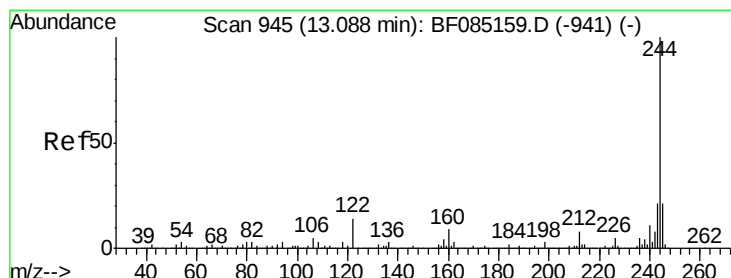
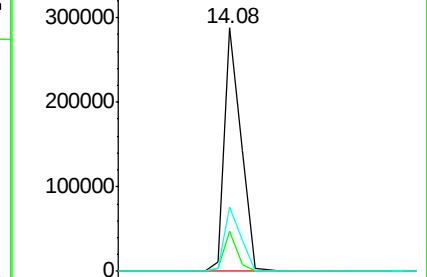
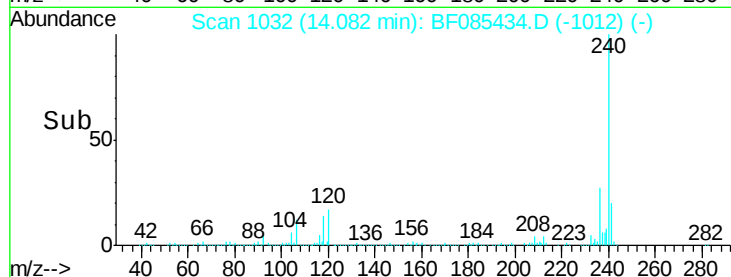
236 26.6 20.7 31.1



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: 133.54 ng

RT: 13.04 min Scan# 941

Delta R.T. -0.05 min

Lab File: BF085434.D

Acq: 14 Mar 2016 17:42

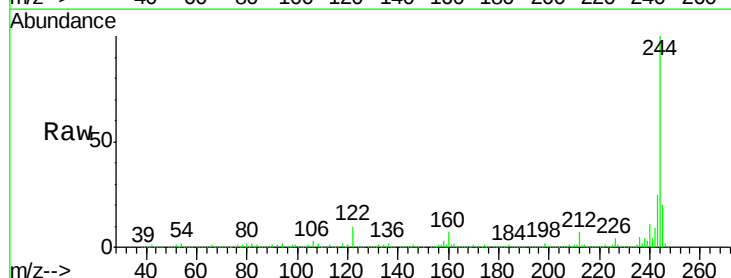
Tgt Ion:244 Resp: 1778008

Ion Ratio Lower Upper

244 100

212 7.2 6.4 9.6

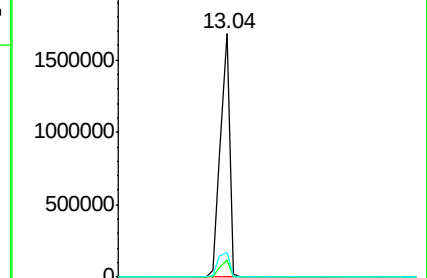
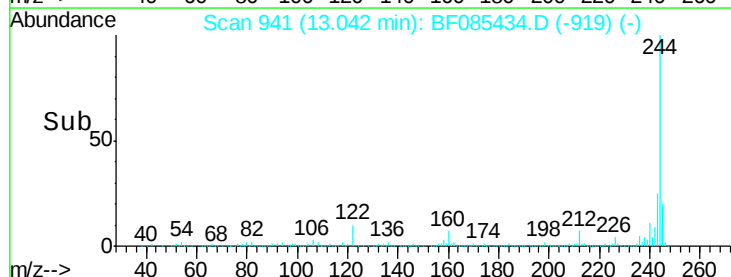
122 9.9 11.4 17.2#

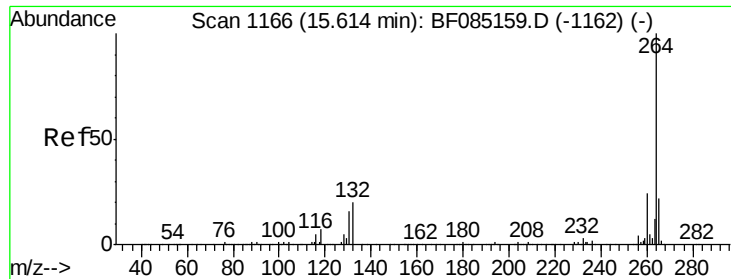


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.55 min Scan# 1160
Delta R.T. -0.07 min
Lab File: BF085434.D
Acq: 14 Mar 2016 17:42

Instrument :
BNA_F
ClientSampleId :
TRACK-D-STOCKPICE-COMP1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.6	17.3	25.9

