

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
 Data File : BF085223.D
 Acq On : 5 Mar 2016 00:48
 Operator : SJ/IZ
 Sample : H1676-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-001(0-2)

Quant Time: Mar 05 01:30:29 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

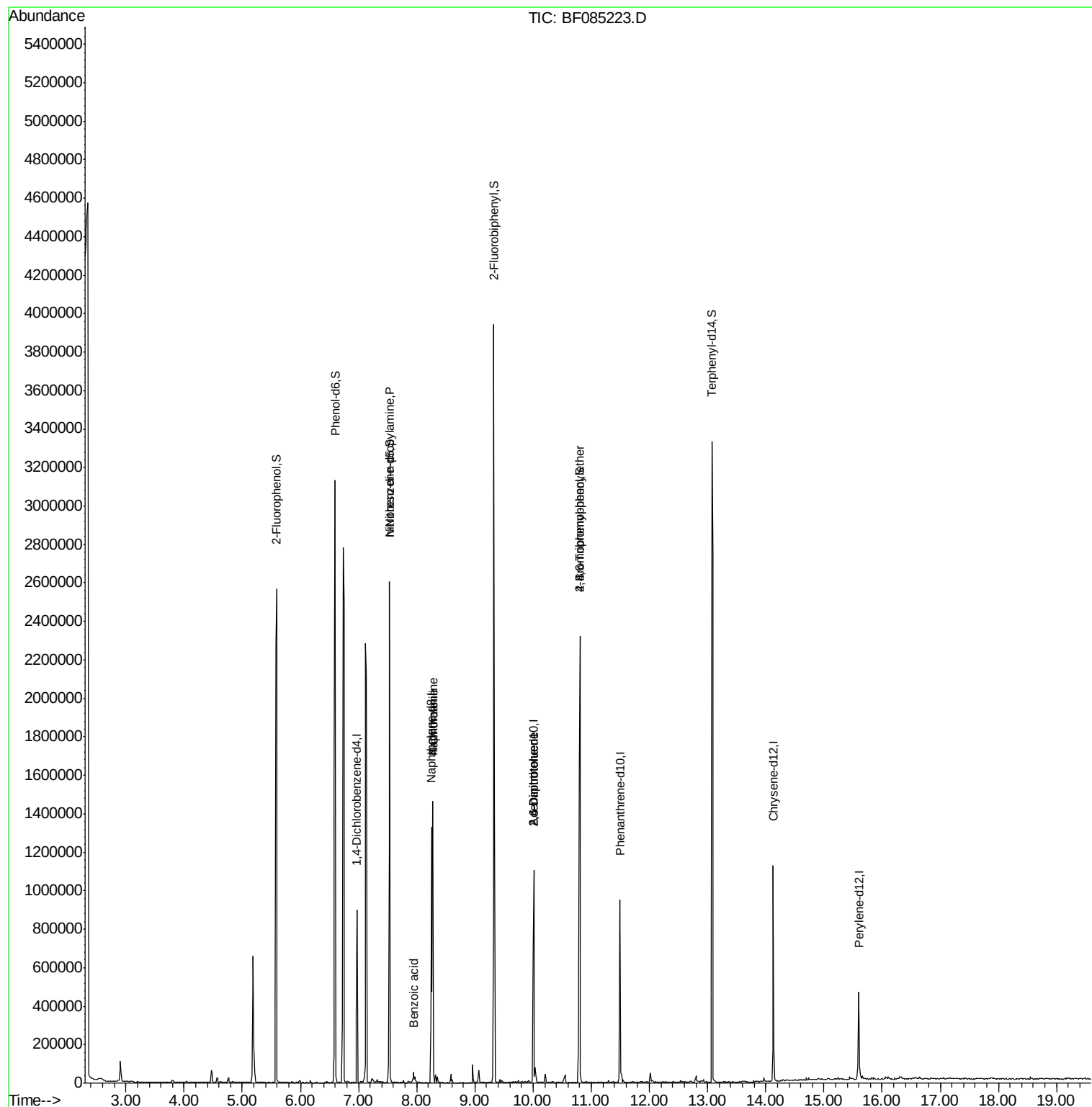
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	148816	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	588277	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	272165	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	529675	20.00	ng	-0.01
75) Chrysene-d12	14.13	240	354400	20.00	ng	-0.02
86) Perylene-d12	15.60	264	248672	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1100068	124.00	ng	0.01
7) Phenol-d6	6.60	99	1277598	109.91	ng	-0.01
23) Nitrobenzene-d5	7.53	82	960391	87.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	374653	160.88	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1442109	80.58	ng	-0.02
78) Terphenyl-d14	13.08	244	1524302	99.85	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	128508	16.96	ng	# 77
31) Naphthalene	8.28	128	648055	22.40	ng	98
32) Benzoic acid	7.94	122	19141	2.90	ng	94
33) 4-Chloroaniline	8.28	127	85460	7.30	ng	# 33
50) 2,6-Dinitrotoluene	10.01	165	35009	7.83	ng	# 26
56) 2,4-Dinitrotoluene	10.01	165	35011	6.12	ng	# 22
66) 4-Bromophenyl-phenylether	10.80	248	26089	5.07	ng	# 1

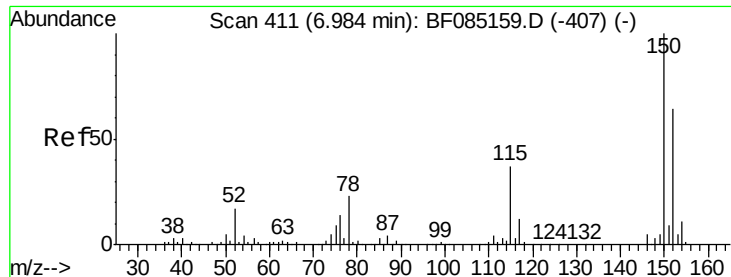
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085223.D

Acq: 5 Mar 2016 00:48

Instrument :

BNA_F

ClientSampleId :

SP-001(0-2)

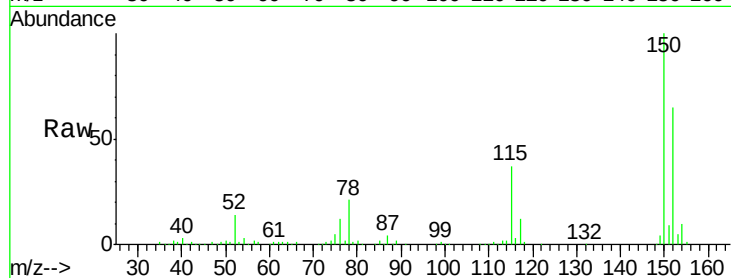
Tgt Ion:152 Resp: 148816

Ion Ratio Lower Upper

152 100

150 154.4 124.6 186.8

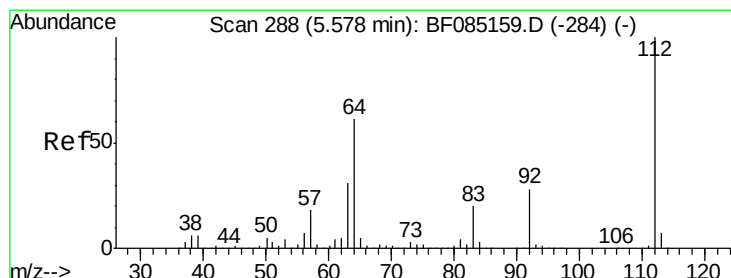
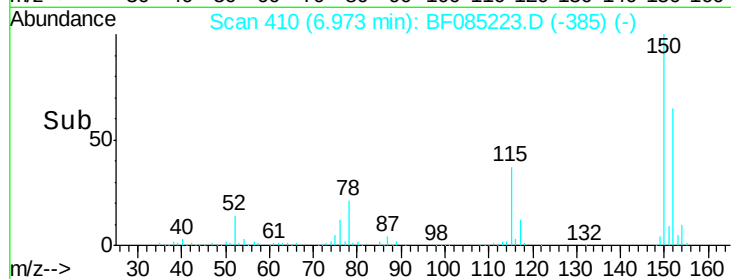
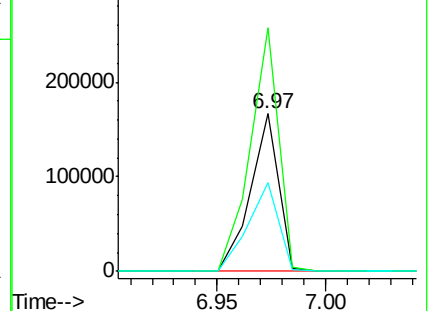
115 56.5 46.6 70.0



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: 124.00 ng

RT: 5.59 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF085223.D

Acq: 5 Mar 2016 00:48

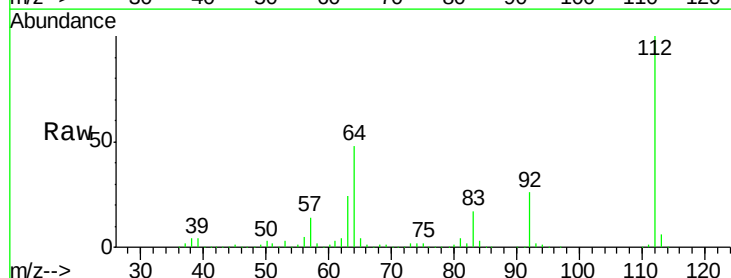
Tgt Ion:112 Resp: 1100068

Ion Ratio Lower Upper

112 100

64 48.2 49.0 73.4#

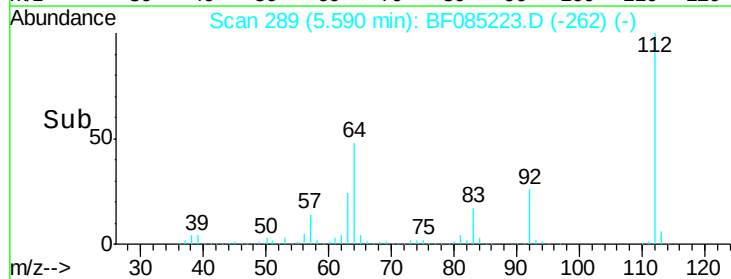
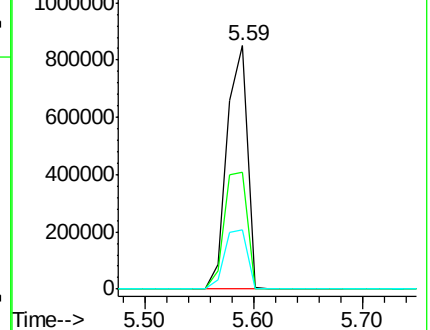
63 24.2 24.8 37.2#

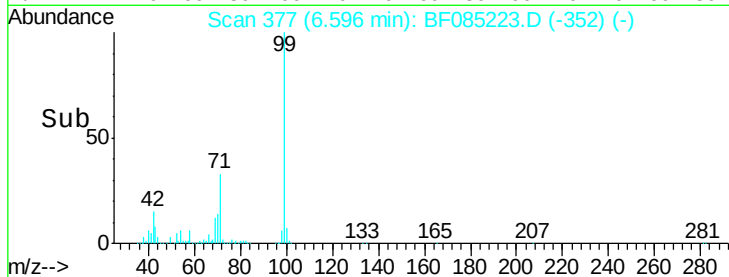
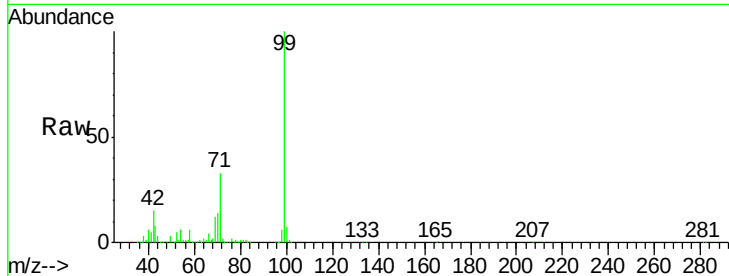
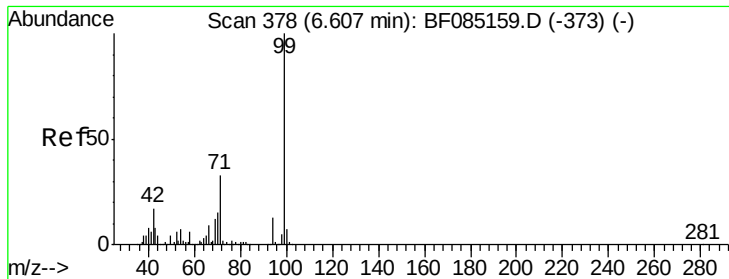


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.91 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085223.D

Acq: 5 Mar 2016 00:48

Instrument :

BNA_F

ClientSampleId :

SP-001(0-2)

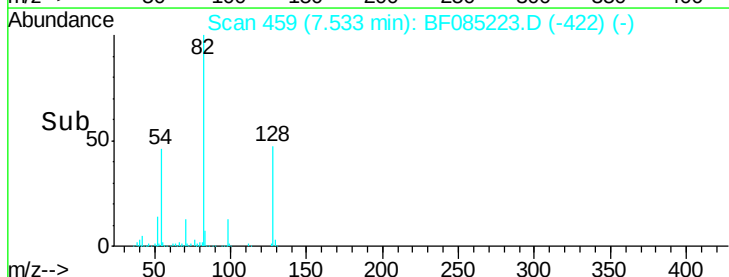
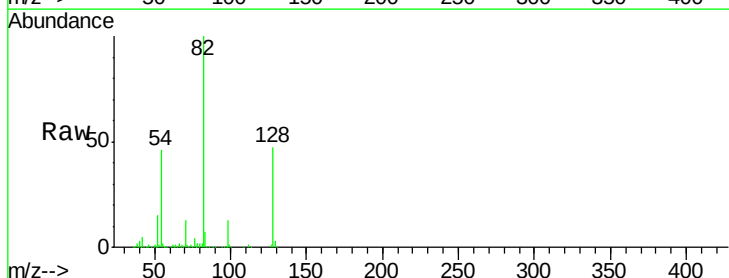
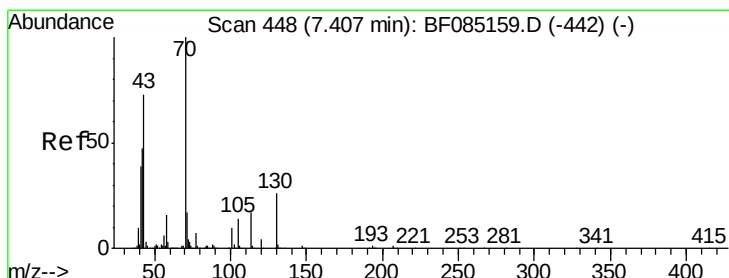
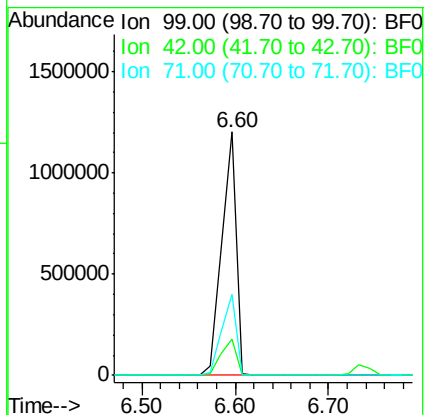
Tgt Ion: 99 Resp: 1277598

Ion Ratio Lower Upper

99 100

42 15.1 13.6 20.4

71 33.1 26.7 40.1



#19

n-Nitroso-di-n-propylamine

Concen: 16.96 ng

RT: 7.53 min Scan# 459

Delta R.T. 0.13 min

Lab File: BF085223.D

Acq: 5 Mar 2016 00:48

Tgt Ion: 70 Resp: 128508

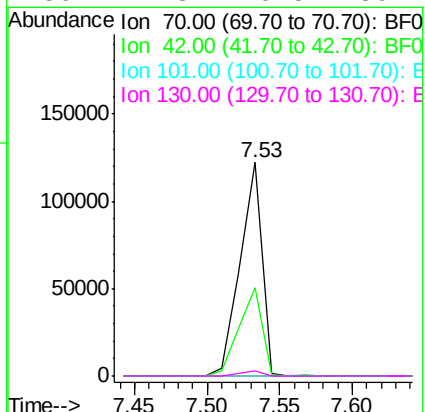
Ion Ratio Lower Upper

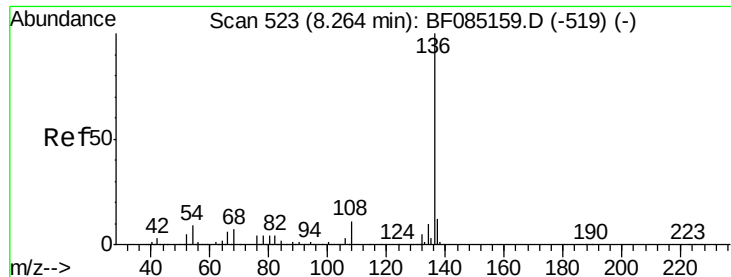
70 100

42 41.2 37.7 56.5

101 0.0 8.2 12.4#

130 2.3 20.5 30.7#

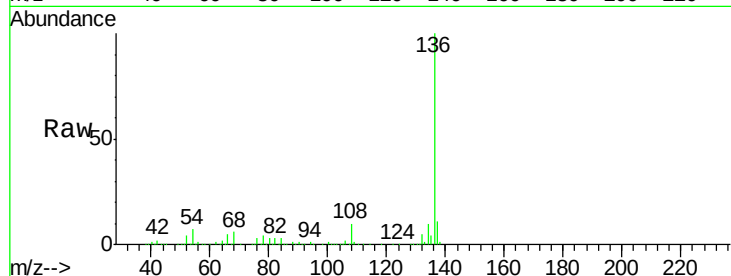




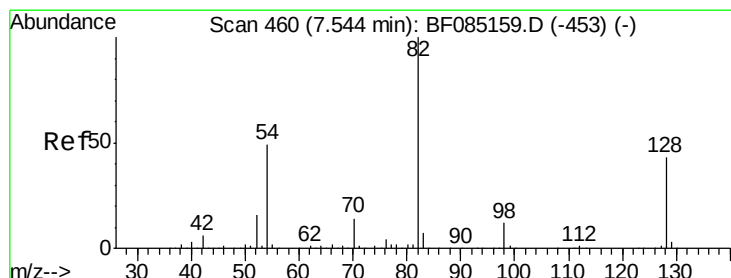
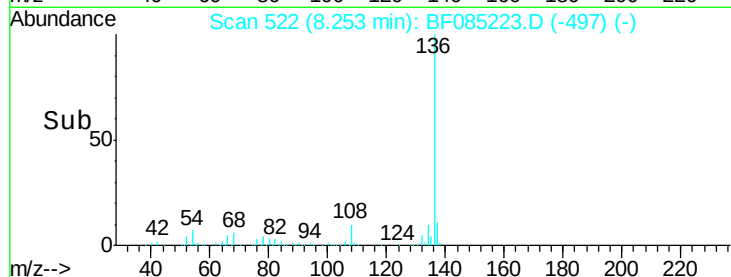
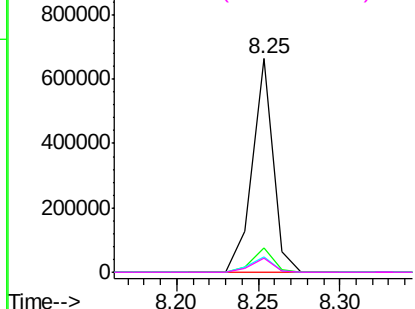
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF085223.D
Acq: 5 Mar 2016 00:48

Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

Tgt Ion:	136	Resp:	588277
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	7.4	7.4	11.2#
68	6.4	6.0	9.0

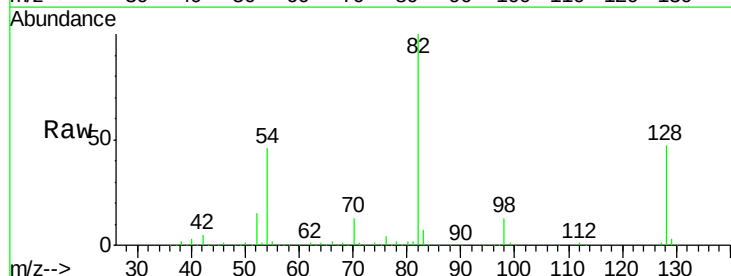


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

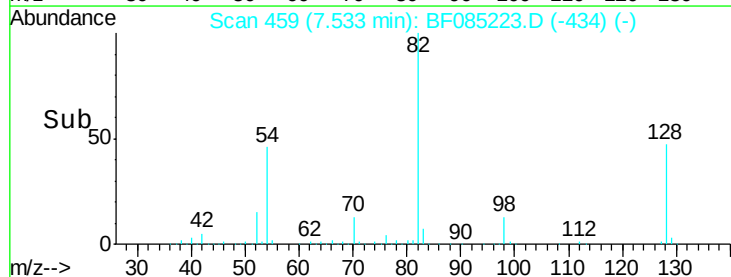
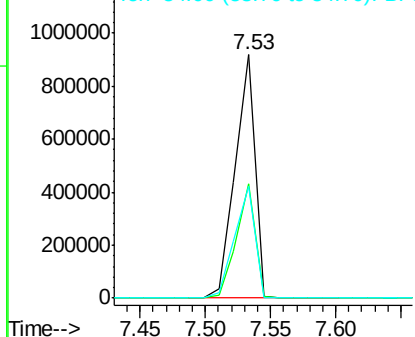


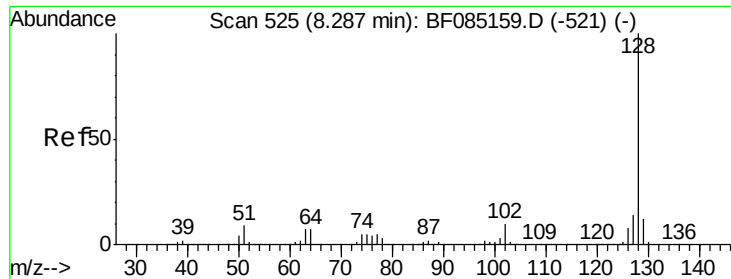
#23
Nitrobenzene-d5
Concen: 87.36 ng
RT: 7.53 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF085223.D
Acq: 5 Mar 2016 00:48

Tgt Ion:	82	Resp:	960391
Ion	Ratio	Lower	Upper
82	100		
128	46.8	34.5	51.7
54	45.9	39.3	58.9



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

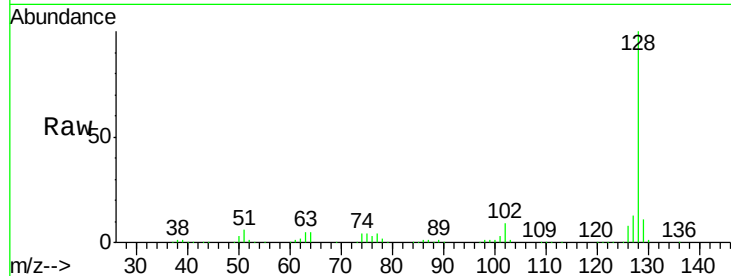




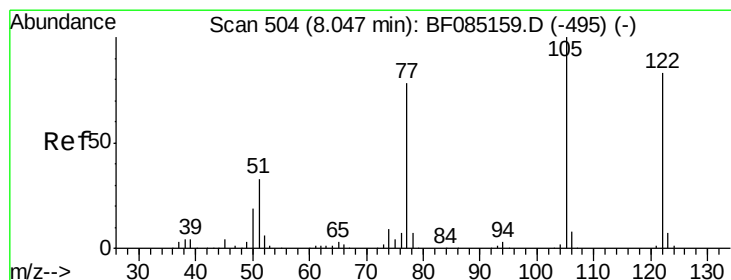
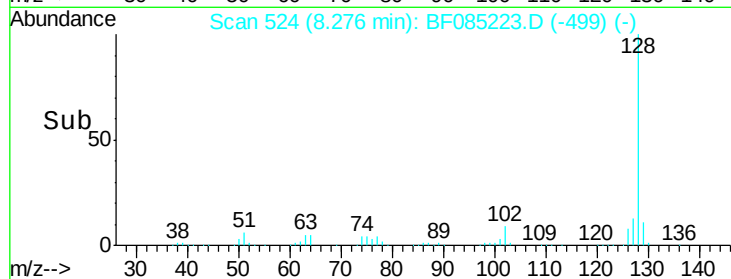
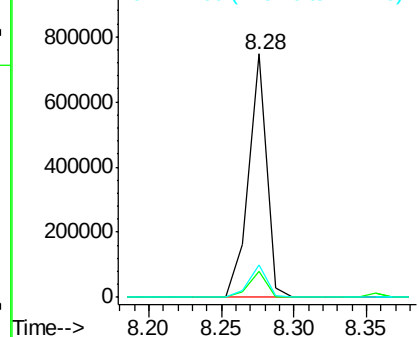
#31
Naphthalene
Concen: 22.40 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF085223.D
Acq: 5 Mar 2016 00:48

Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

Tgt Ion:128 Resp: 648055
Ion Ratio Lower Upper
128 100
129 10.9 9.7 14.5
127 13.2 11.2 16.8

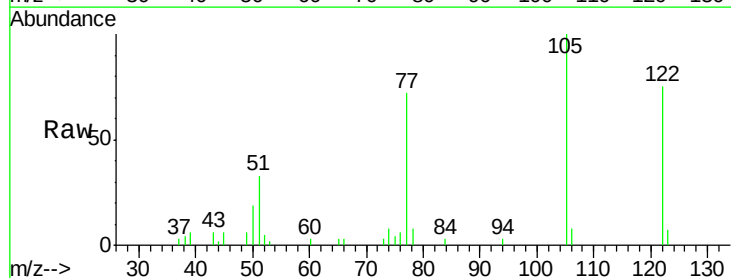


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

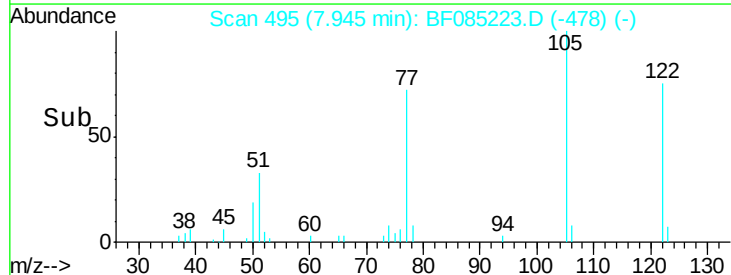
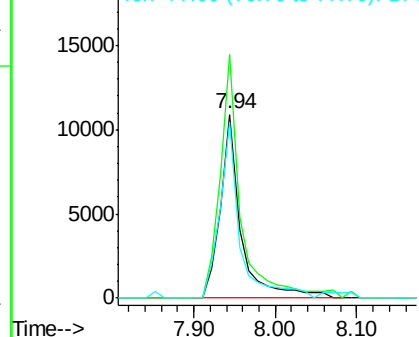


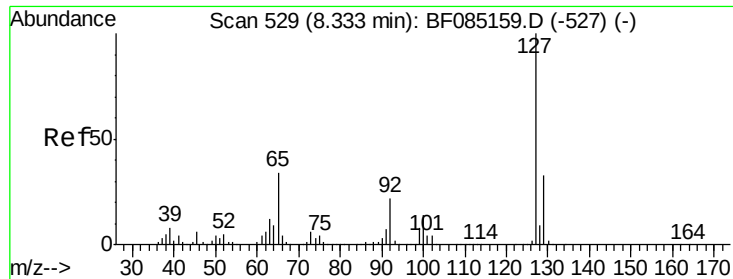
#32
Benzoic acid
Concen: 2.90 ng
RT: 7.94 min Scan# 495
Delta R.T. -0.10 min
Lab File: BF085223.D
Acq: 5 Mar 2016 00:48

Tgt Ion:122 Resp: 19141
Ion Ratio Lower Upper
122 100
105 132.6 101.3 141.3
77 95.5 74.7 114.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

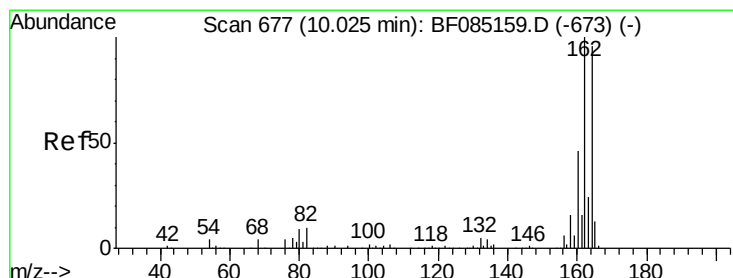
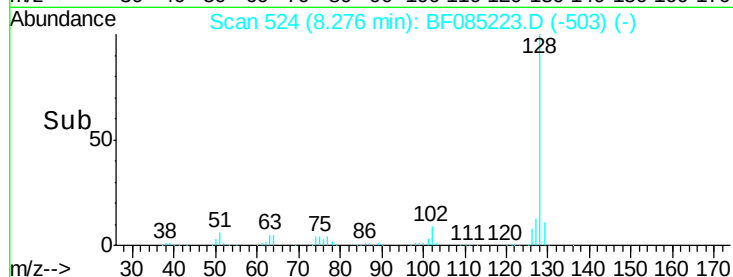
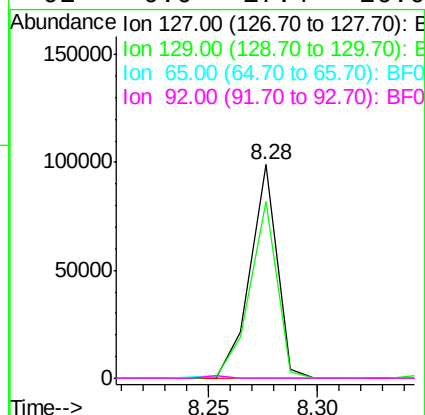
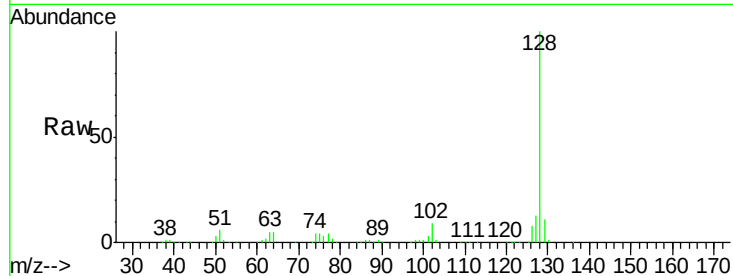




#33
4-Chloroaniline
Concen: 7.30 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.06 min
Lab File: BF085223.D
Acq: 5 Mar 2016 00:48

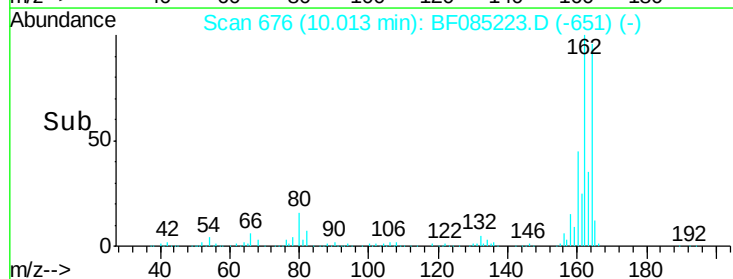
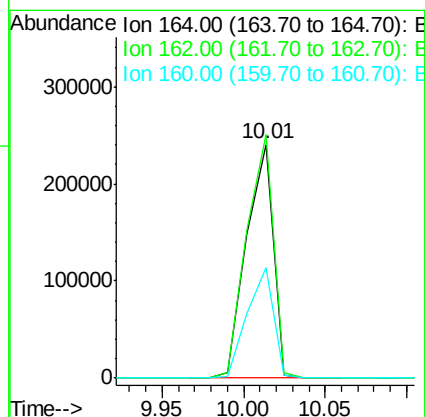
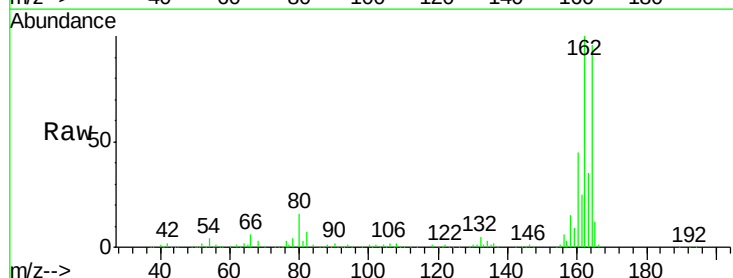
Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

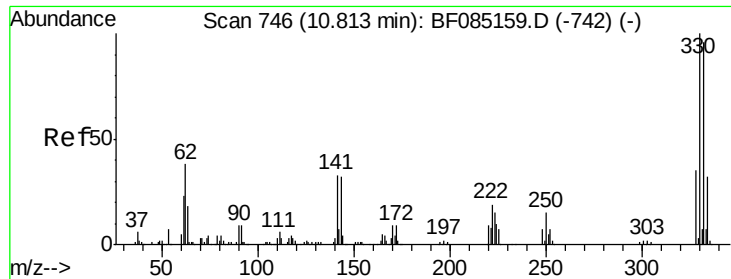
Tgt Ion:	127	Resp:	85460
Ion	Ratio	Lower	Upper
127	100		
129	82.7	26.1	39.1#
65	0.0	27.0	40.6#
92	0.0	17.4	26.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF085223.D
Acq: 5 Mar 2016 00:48

Tgt Ion:	164	Resp:	272165
Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.3	124.9
160	47.3	37.9	56.9

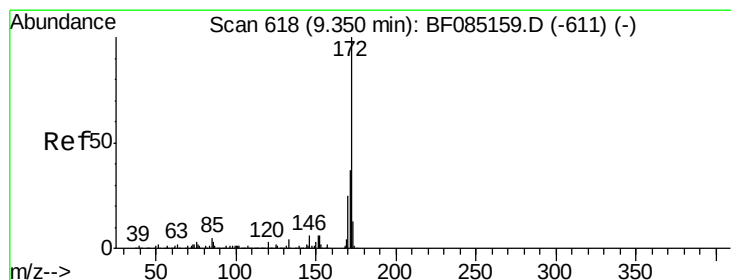
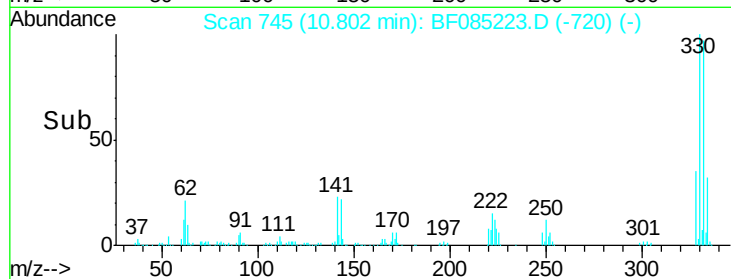
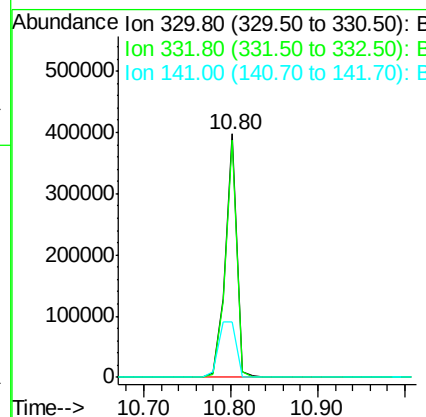
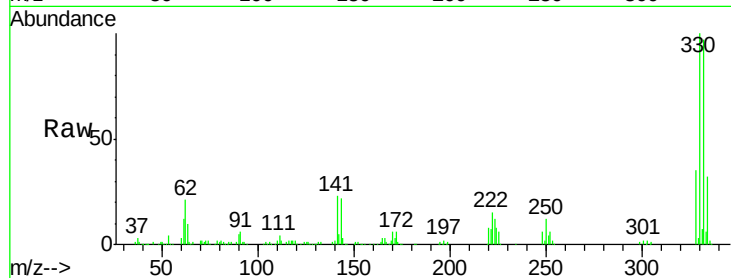




#41
 2,4,6-Tribromophenol
 Concen: 160.88 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF085223.D
 Acq: 5 Mar 2016 00:48

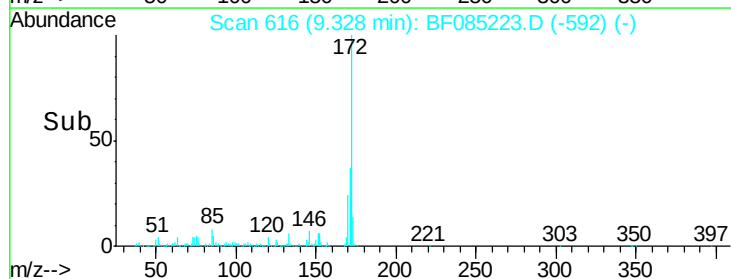
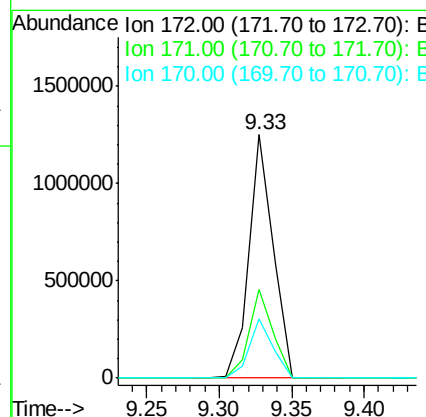
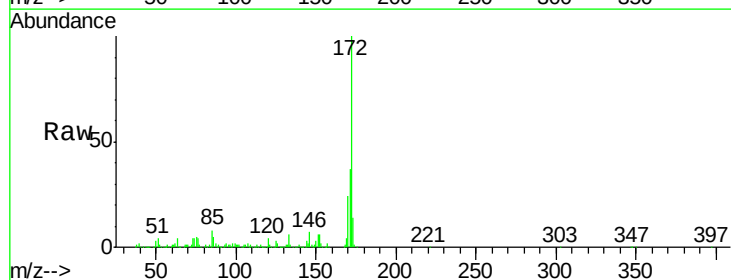
Instrument :
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 ClientSampleId :
 SP-001(0-2)

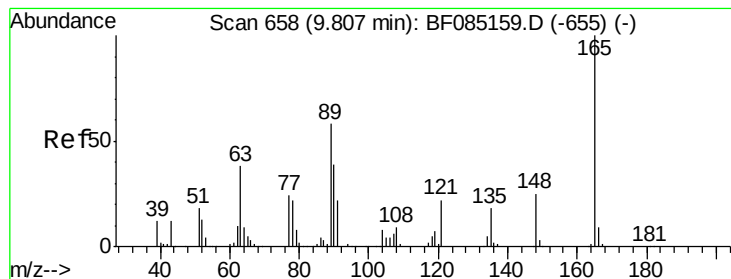
Tgt Ion:330 Resp: 374653
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.1 115.7
 141 35.4 35.0 52.6



#44
 2-Fluorobiphenyl
 Concen: 80.58 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085223.D
 Acq: 5 Mar 2016 00:48

Tgt Ion:172 Resp: 1442109
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.3 43.9
 170 24.5 20.0 30.0





#50

2,6-Dinitrotoluene

Concen: 7.83 ng

RT: 10.01 min Scan# 676

Delta R.T. 0.21 min

Lab File: BF085223.D

Acq: 5 Mar 2016 00:48

Instrument :

BNA_F

ClientSampleId :

SP-001(0-2)

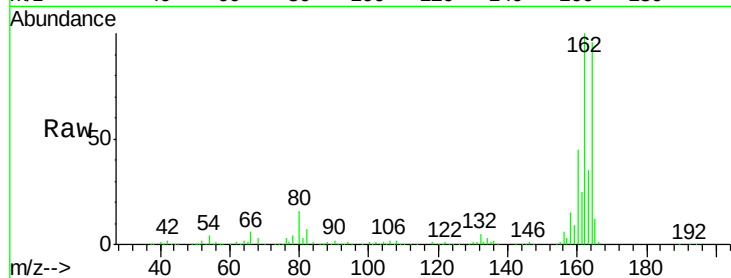
Tgt Ion:165 Resp: 35009

Ion Ratio Lower Upper

165 100

63 1.8 41.8 62.8#

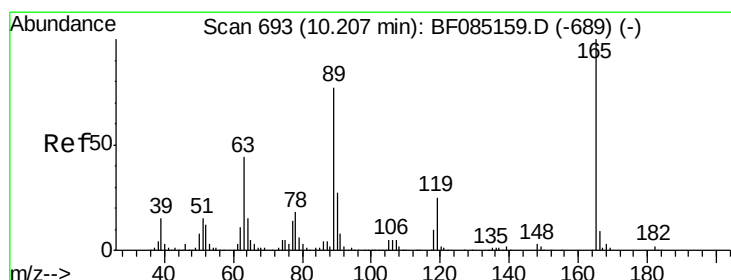
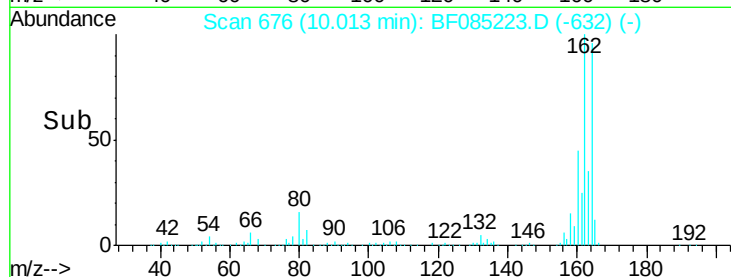
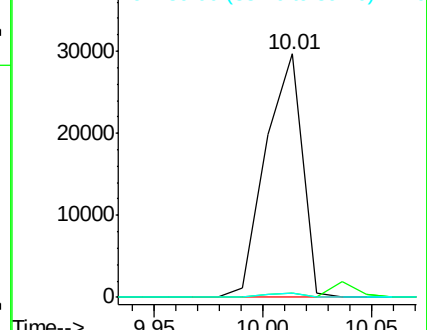
89 1.8 46.7 70.1#



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



#56

2,4-Dinitrotoluene

Concen: 6.12 ng

RT: 10.01 min Scan# 676

Delta R.T. -0.19 min

Lab File: BF085223.D

Acq: 5 Mar 2016 00:48

Tgt Ion:165 Resp: 35011

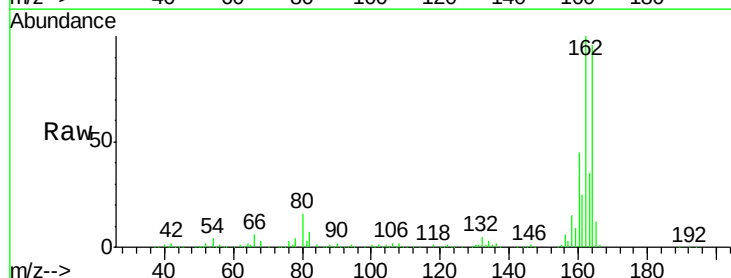
Ion Ratio Lower Upper

165 100

63 1.8 35.4 53.0#

89 1.8 61.9 92.9#

182 0.0 1.9 2.9#

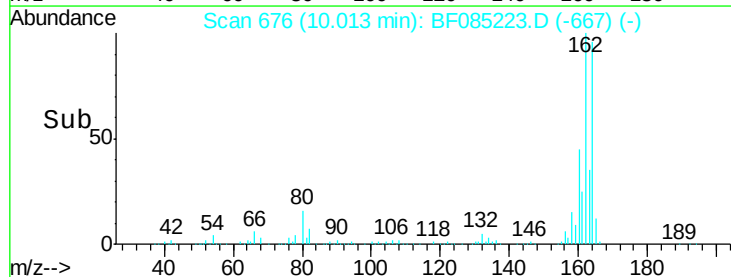
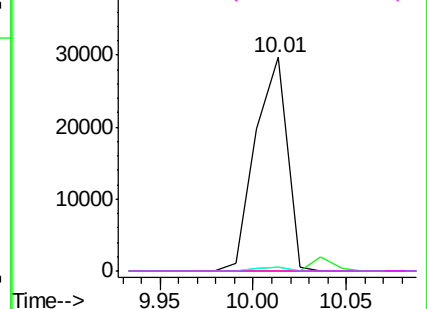


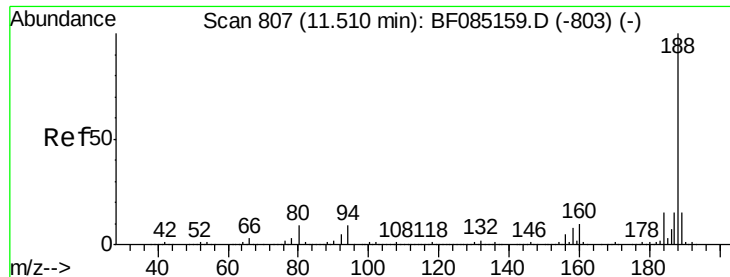
Abundance Ion 165.00 (164.70 to 165.70): E

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

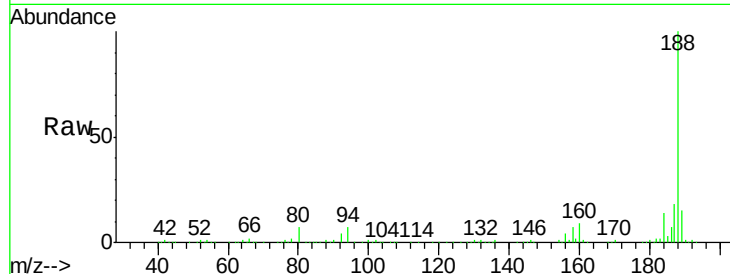




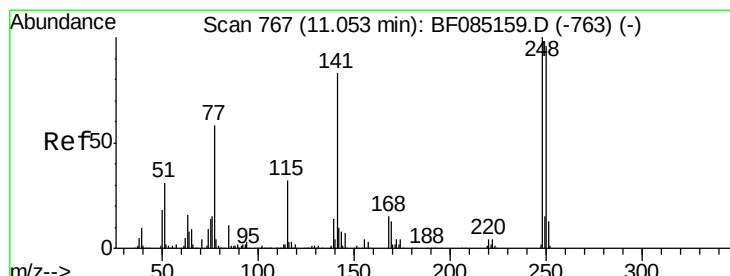
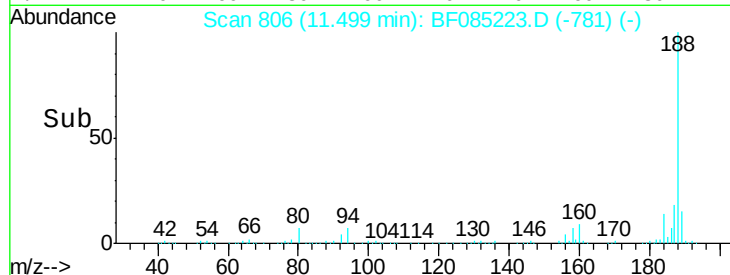
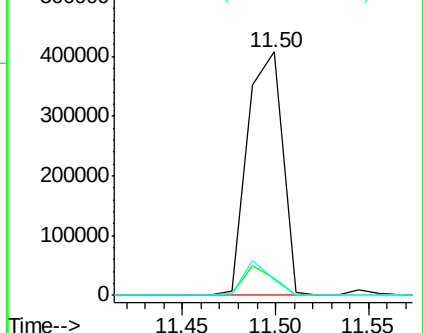
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF085223.D
Acq: 5 Mar 2016 00:48

Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

Tgt Ion:188 Resp: 529675
Ion Ratio Lower Upper
188 100
94 6.8 7.0 10.6#
80 6.7 7.4 11.0#

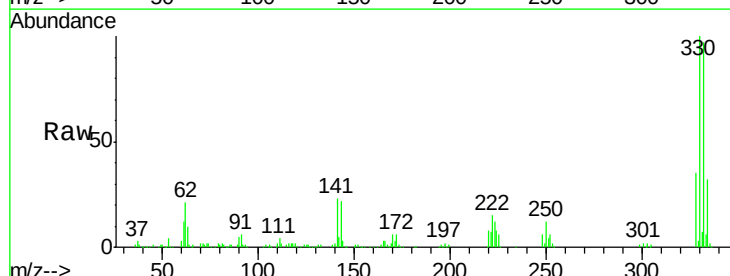


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

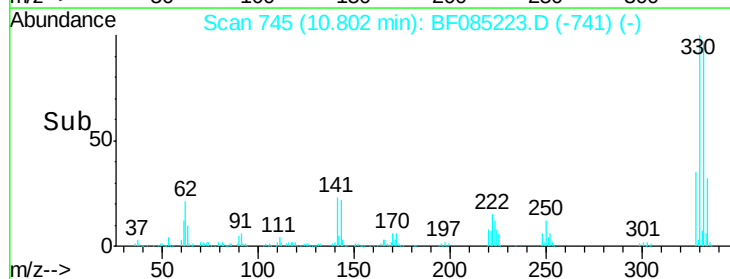
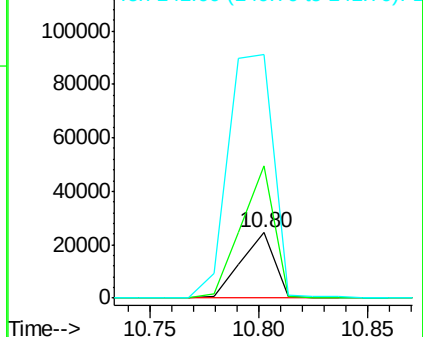


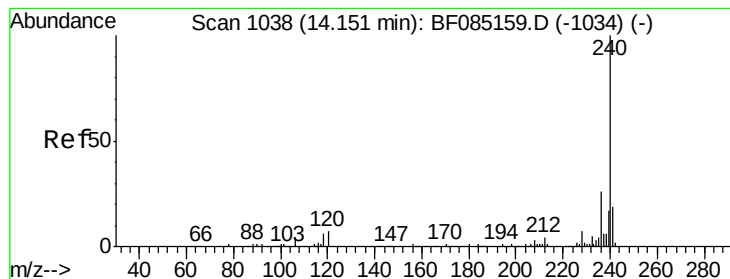
#66
4-Bromophenyl-phenylether
Concen: 5.07 ng
RT: 10.80 min Scan# 745
Delta R.T. -0.25 min
Lab File: BF085223.D
Acq: 5 Mar 2016 00:48

Tgt Ion:248 Resp: 26089
Ion Ratio Lower Upper
248 100
250 203.2 77.1 115.7#
141 373.8 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: 14.13 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF085223.D

Acq: 5 Mar 2016 00:48

Instrument :

BNA_F

ClientSampleId :

SP-001(0-2)

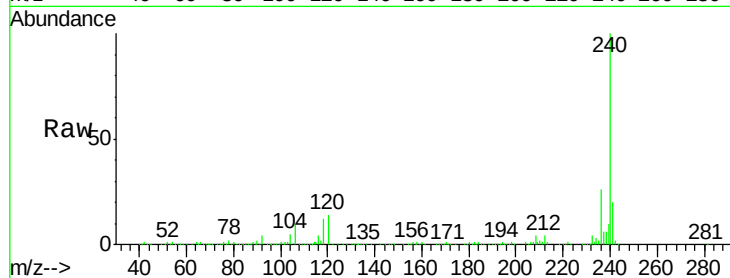
Tgt Ion:240 Resp: 354400

Ion Ratio Lower Upper

240 100

120 14.1 5.3 7.9#

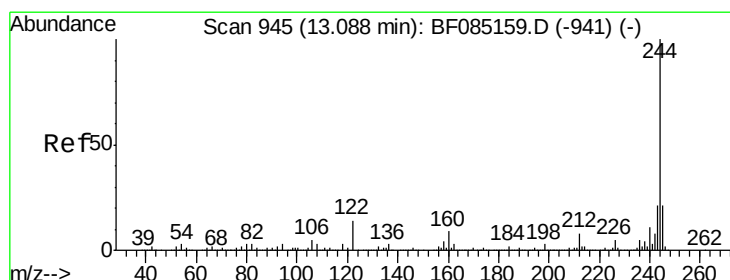
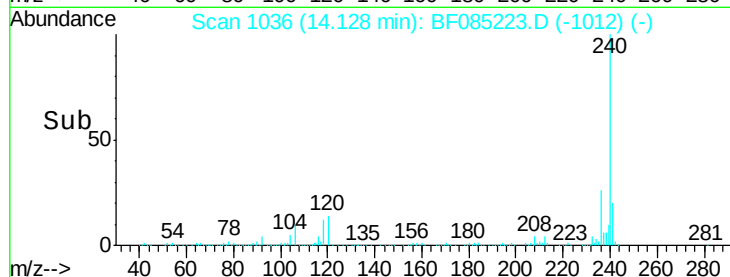
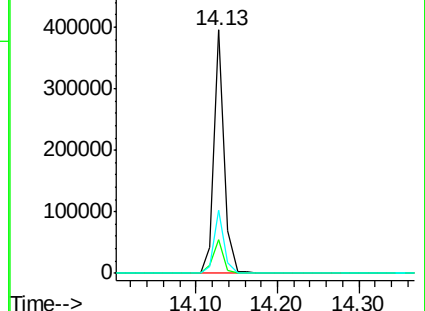
236 26.1 20.7 31.1



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: 99.85 ng

RT: 13.08 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF085223.D

Acq: 5 Mar 2016 00:48

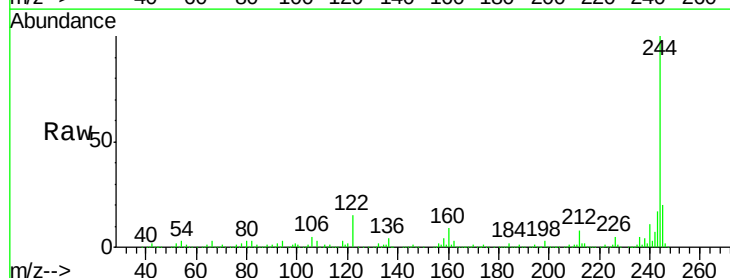
Tgt Ion:244 Resp: 1524302

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

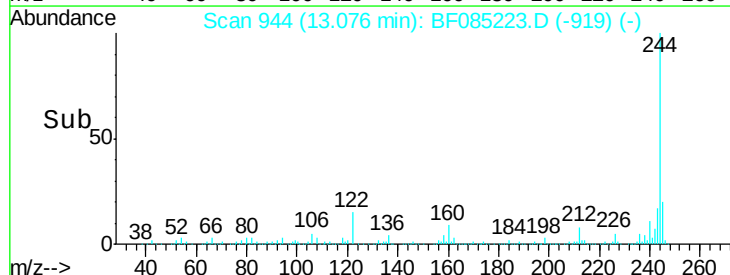
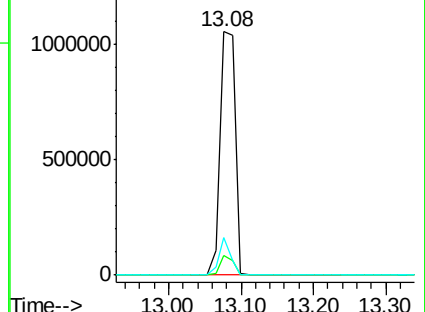
122 15.3 11.4 17.2

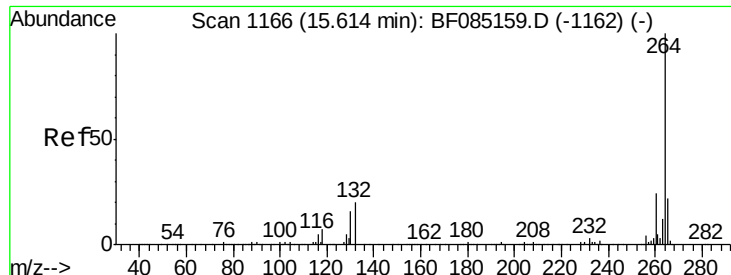


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

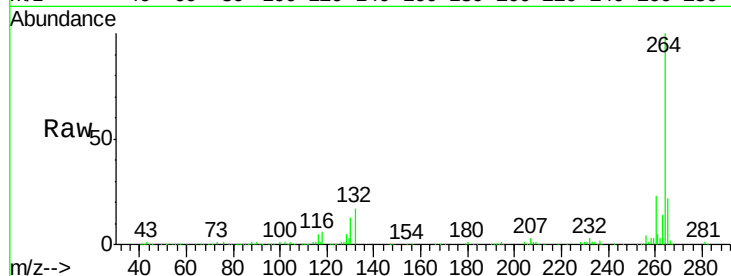




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF085223.D
Acq: 5 Mar 2016 00:48

Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

Tgt Ion: 264 Resp: 248672
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 21.6 17.3 25.9



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

