

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
 Data File : BF086994.D
 Acq On : 14 May 2016 2:42
 Operator : UM/SJ
 Sample : H2895-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP14-2FT

Quant Time: May 14 03:34:07 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 23:02:21 2016
 Response via : Initial Calibration

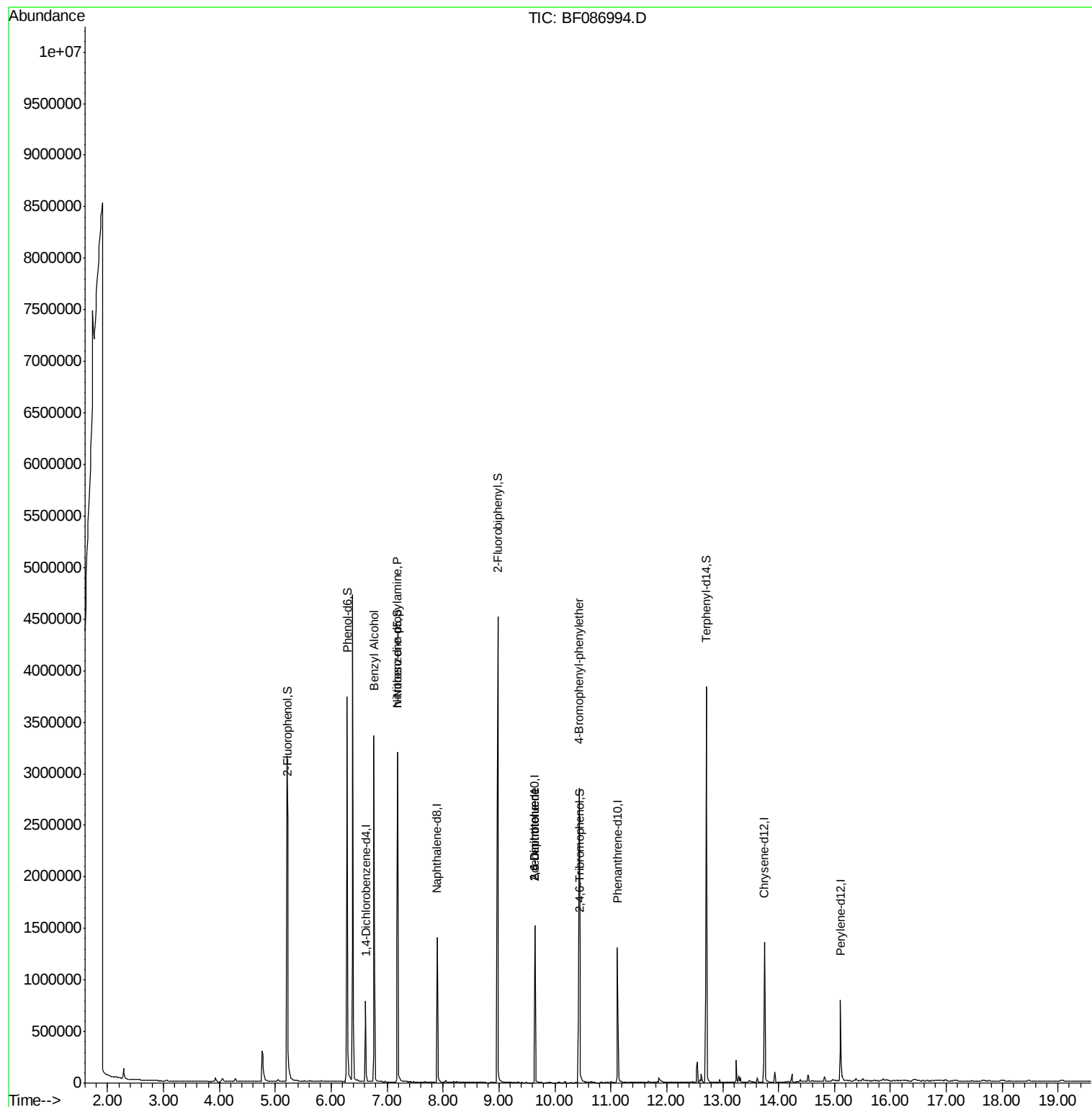
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	144758	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	594365	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	289330	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	542622	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	455572	20.00	ng	-0.01
86) Perylene-d12	15.11	264	332379	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1106094	129.40	ng	0.02
7) Phenol-d6	6.28	99	1468197	128.52	ng	0.00
23) Nitrobenzene-d5	7.19	82	1059441	89.50	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	416171	135.87	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1669512	96.98	ng	0.00
78) Terphenyl-d14	12.71	244	1652285	76.95	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.76	79	16003	2.03	ng	# 42
19) n-Nitroso-di-n-propylamine	7.19	70	151653	19.00	ng	# 75
50) 2,6-Dinitrotoluene	9.64	165	35616	7.67	ng	# 21
56) 2,4-Dinitrotoluene	9.64	165	35616	6.20	ng	# 16
66) 4-Bromophenyl-phenylether	10.43	248	23023	4.18	ng	# 1

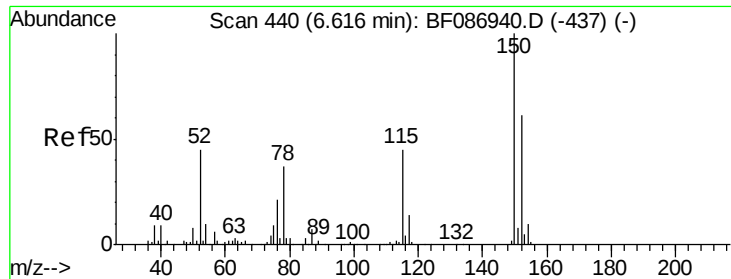
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
Data File : BF086994.D
Acq On : 14 May 2016 2:42
Operator : UM/SJ
Sample : H2895-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP14-2FT

Quant Time: May 14 03:34:07 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 23:02:21 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF086994.D

Acq: 14 May 2016 2:42

Instrument :

BNA_F

ClientSampleId :

TP14-2FT

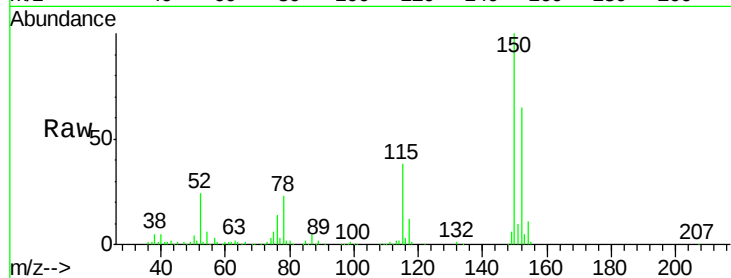
Tgt Ion:152 Resp: 144758

Ion Ratio Lower Upper

152 100

150 152.9 125.8 188.6

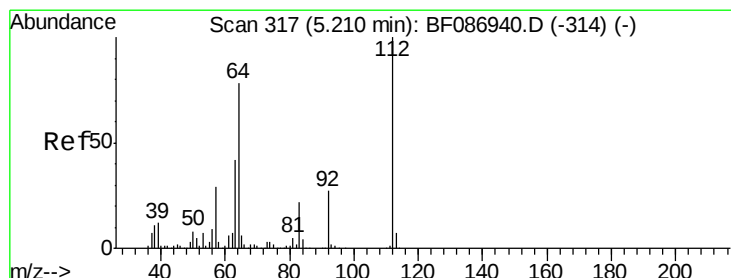
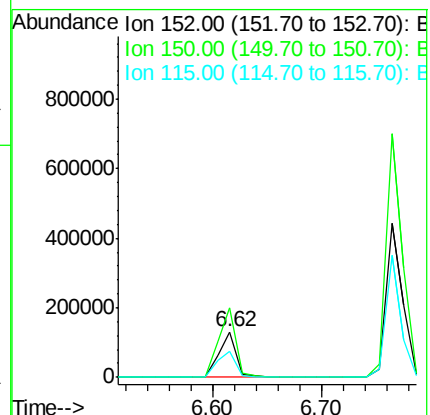
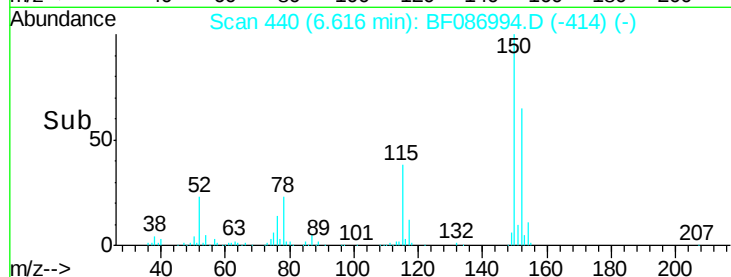
115 57.6 51.5 77.3



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: 129.40 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.02 min

Lab File: BF086994.D

Acq: 14 May 2016 2:42

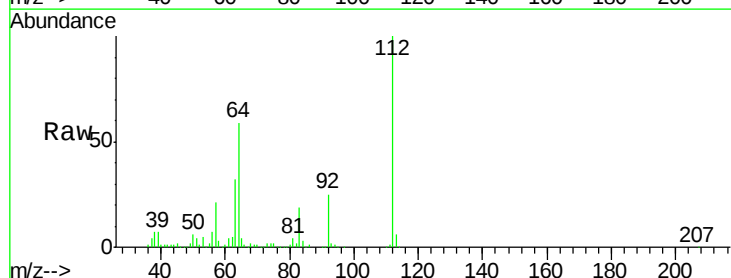
Tgt Ion:112 Resp: 1106094

Ion Ratio Lower Upper

112 100

64 58.9 52.1 78.1

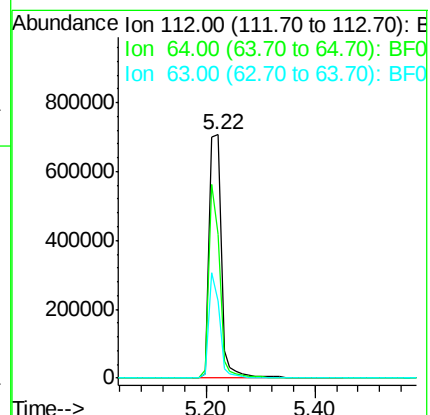
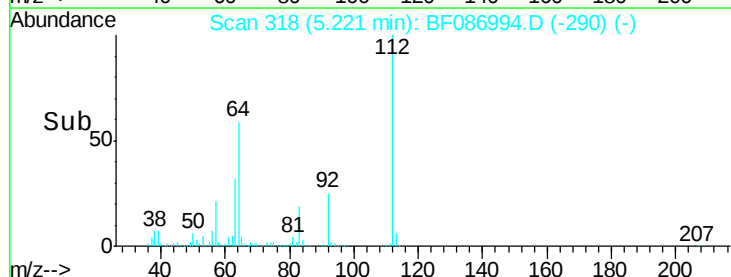
63 31.7 25.7 38.5



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: 128.52 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF086994.D

Acq: 14 May 2016 2:42

Instrument :

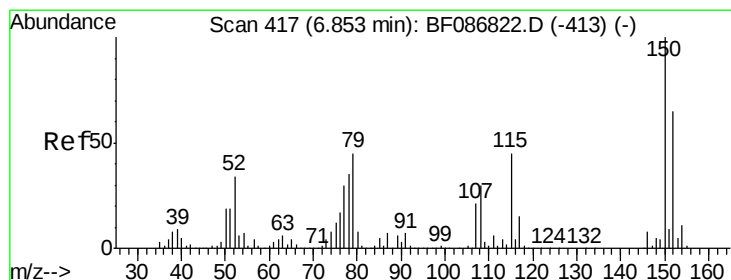
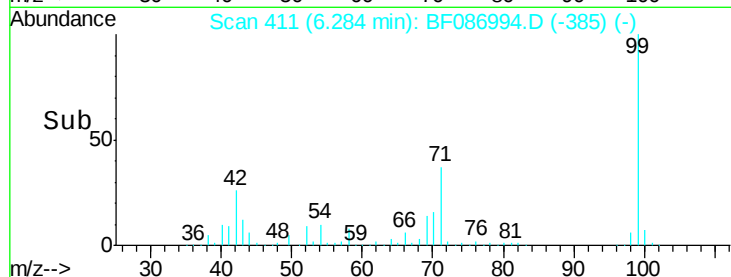
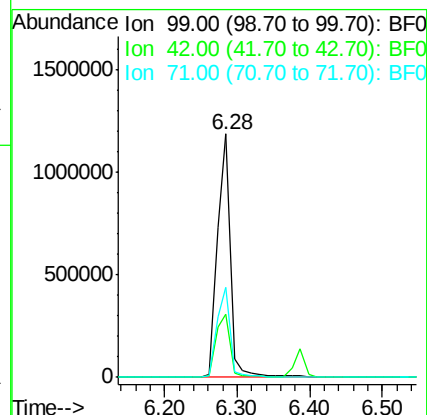
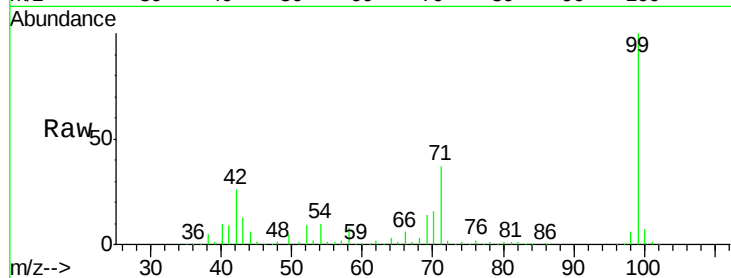
BNA_F

ClientSampleId :

TP14-2FT

Tgt Ion: 99 Resp: 1468197

Ion	Ratio	Lower	Upper
99	100		
42	25.9	13.6	20.4#
71	36.7	24.6	36.8



#15

Benzyl Alcohol

Concen: 2.03 ng

RT: 6.76 min Scan# 453

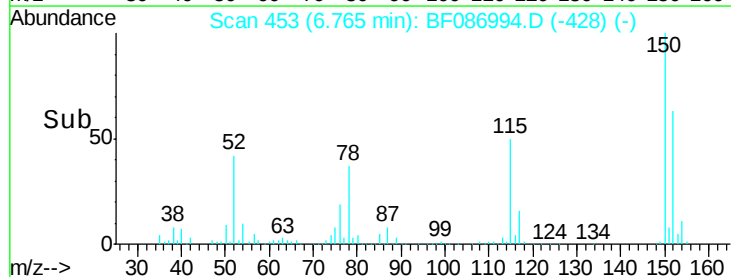
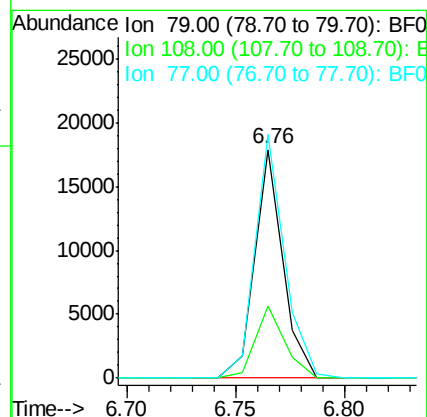
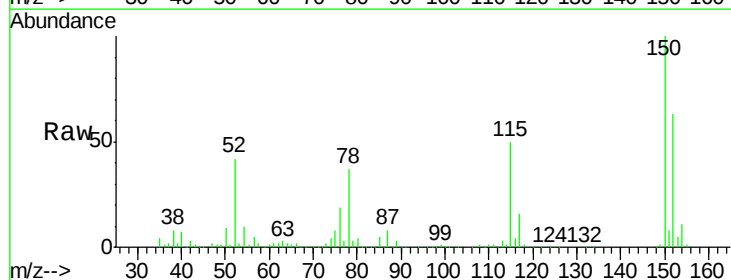
Delta R.T. -0.01 min

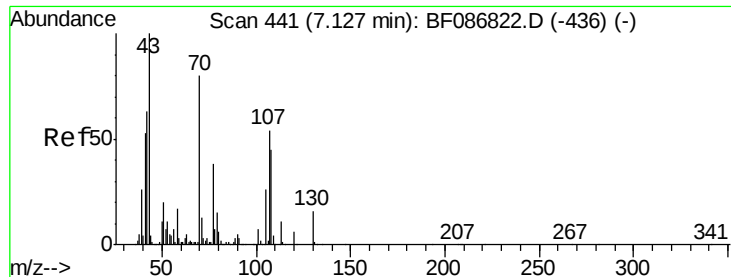
Lab File: BF086994.D

Acq: 14 May 2016 2:42

Tgt Ion: 79 Resp: 16003

Ion	Ratio	Lower	Upper
79	100		
108	31.4	68.4	102.6#
77	106.5	50.6	76.0#

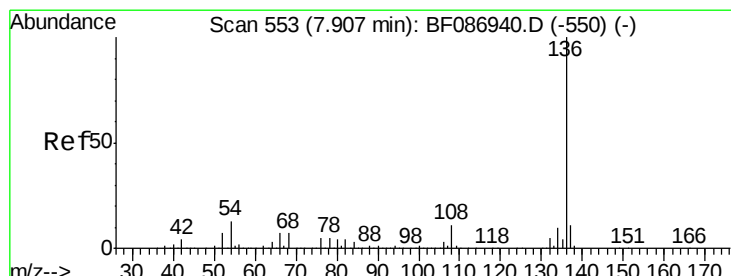
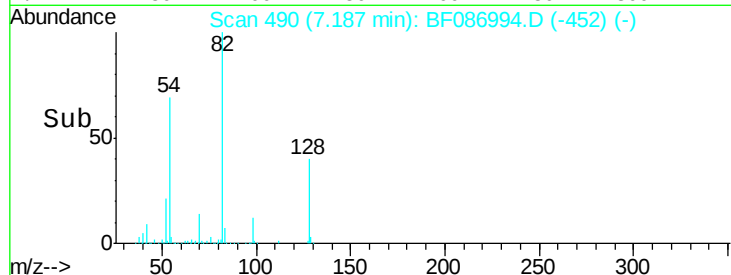
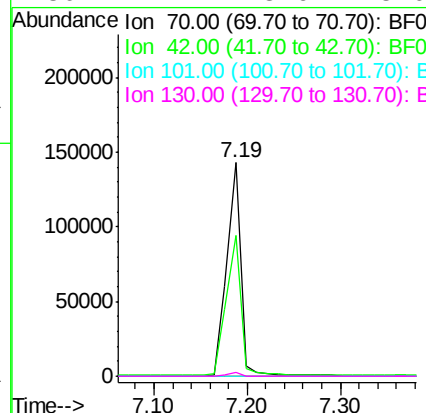
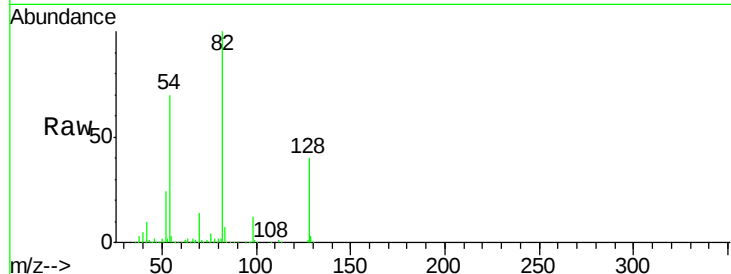




#19
n-Nitroso-di-n-propylamine
Concen: 19.00 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.14 min
Lab File: BF086994.D
Acq: 14 May 2016 2:42

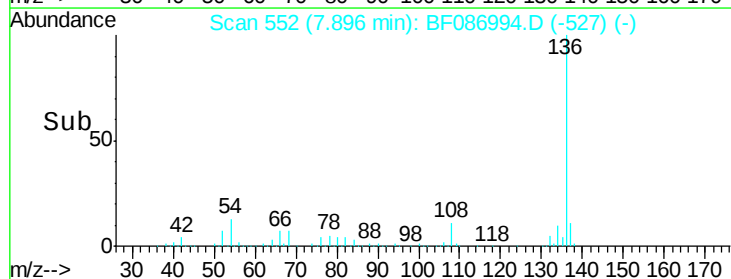
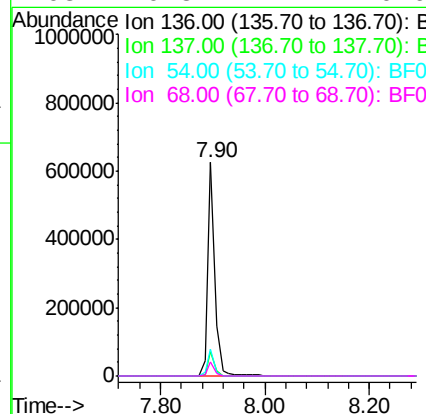
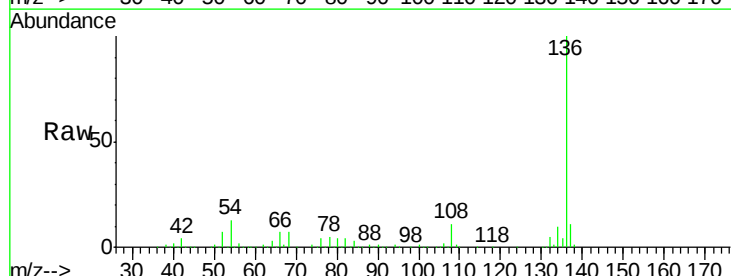
Instrument :
BNA_F
ClientSampleId :
TP14-2FT

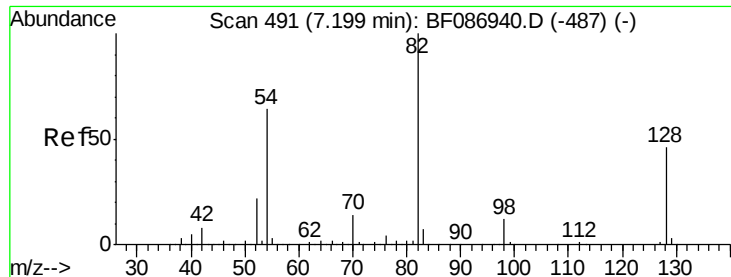
Tgt Ion: 70 Resp: 151653
Ion Ratio Lower Upper
70 100
42 66.0 43.1 64.7#
101 0.0 8.1 12.1#
130 1.7 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF086994.D
Acq: 14 May 2016 2:42

Tgt Ion: 136 Resp: 594365
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 12.9 5.0 7.4#
68 6.8 4.4 6.6#

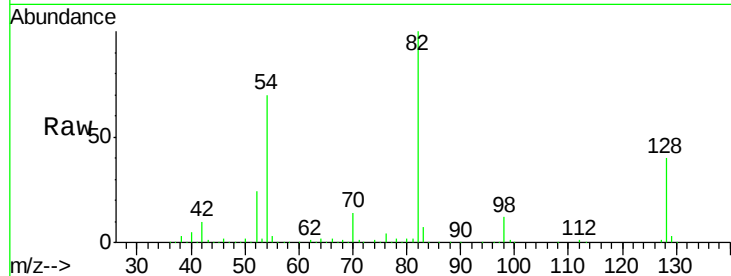




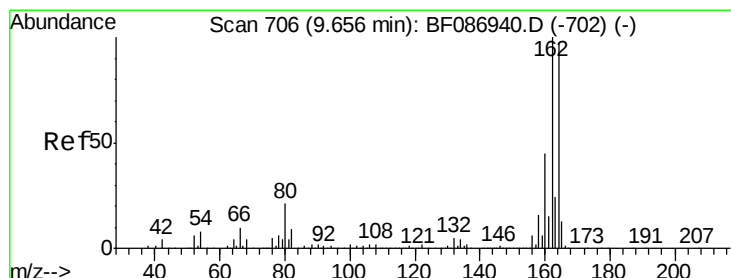
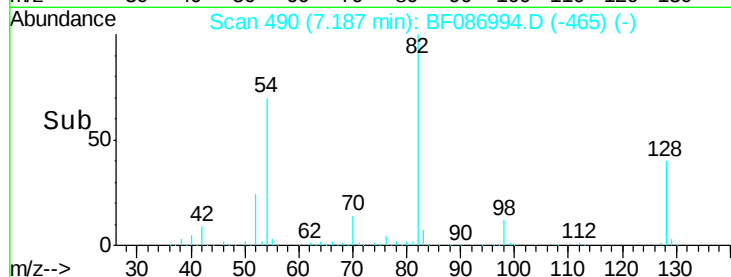
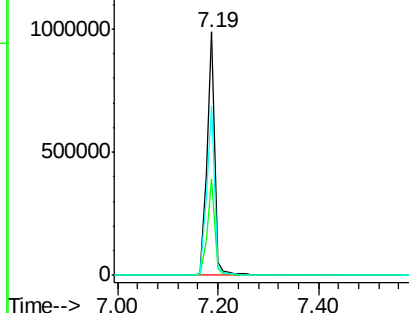
#23
 Nitrobenzene-d5
 Concen: 89.50 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF086994.D
 Acq: 14 May 2016 2:42

Instrument :
 BNA_F
 ClientSampleId :
 TP14-2FT

Tgt Ion: 82 Resp: 1059441
 Ion Ratio Lower Upper
 82 100
 128 39.7 40.6 61.0#
 54 69.7 38.1 57.1#

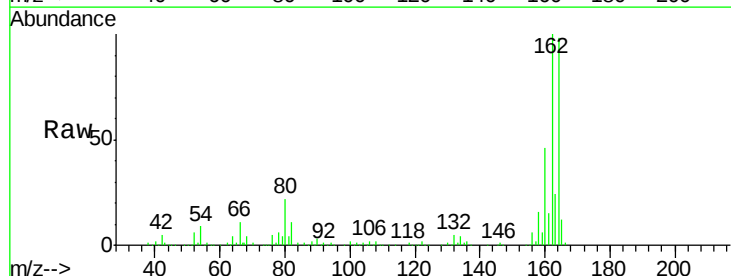


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

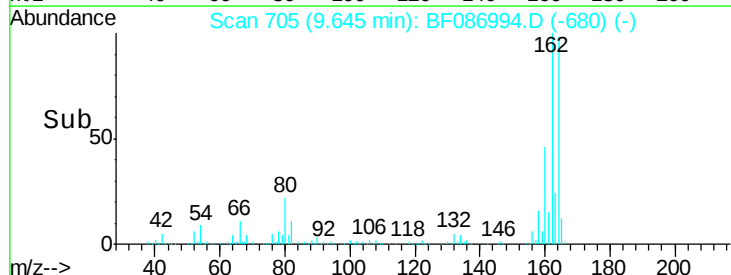
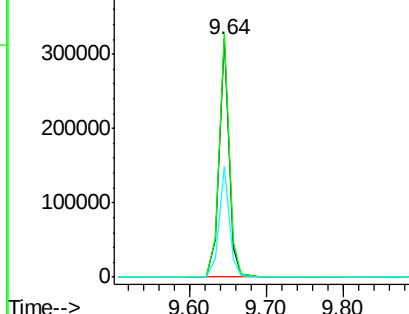


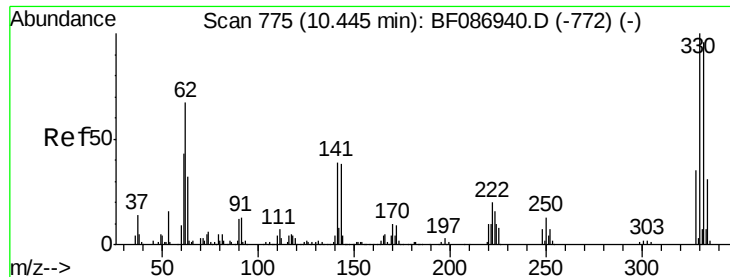
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF086994.D
 Acq: 14 May 2016 2:42

Tgt Ion: 164 Resp: 289330
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.8 124.2
 160 46.6 36.9 55.3



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

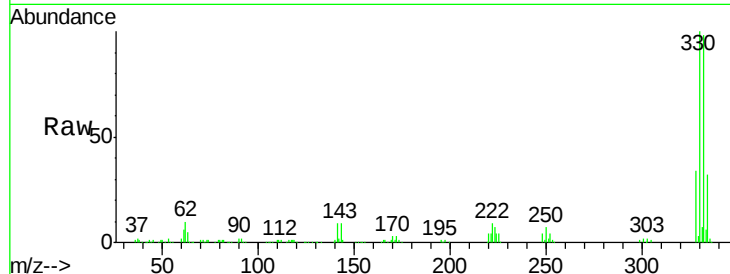




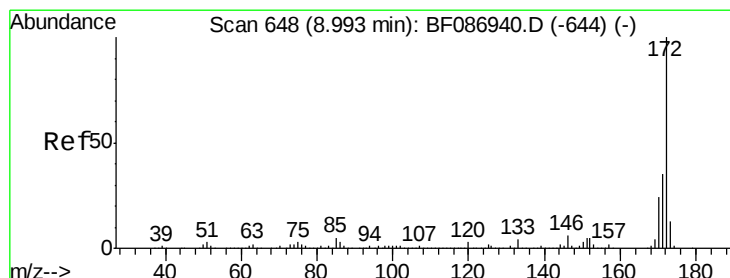
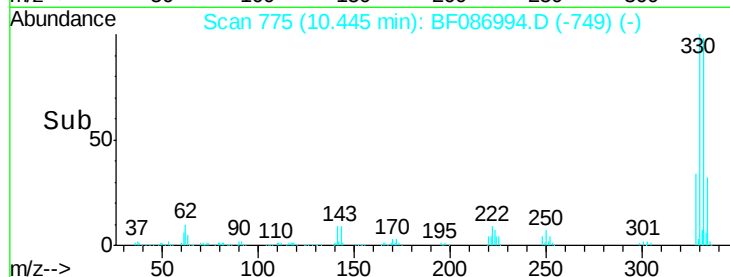
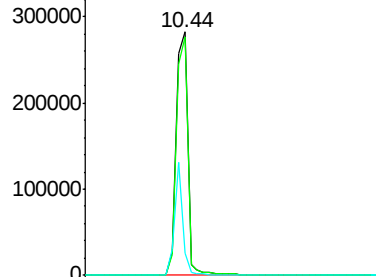
#41
 2,4,6-Tribromophenol
 Concen: 135.87 ng
 RT: 10.44 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF086994.D
 Acq: 14 May 2016 2:42

Instrument :
 BNA_F
 ClientSampleId :
 TP14-2FT

Tgt Ion:330 Resp: 416171
 Ion Ratio Lower Upper
 330 100
 332 96.8 79.0 118.4
 141 33.1 31.2 46.8

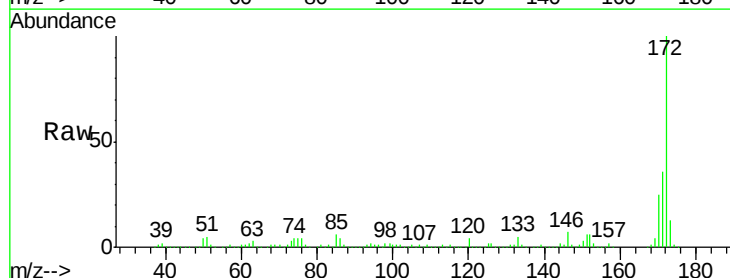


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

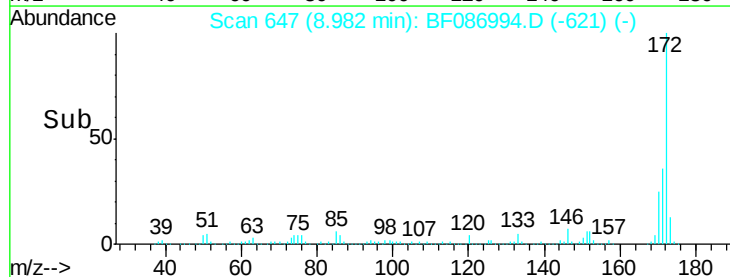
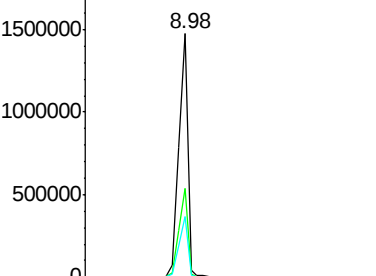


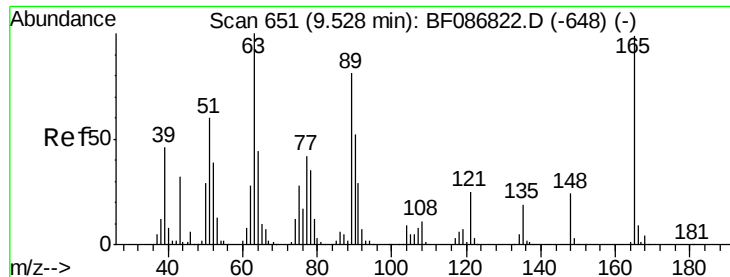
#44
 2-Fluorobiphenyl
 Concen: 96.98 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF086994.D
 Acq: 14 May 2016 2:42

Tgt Ion:172 Resp: 1669512
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.6
 170 24.8 19.8 29.8



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

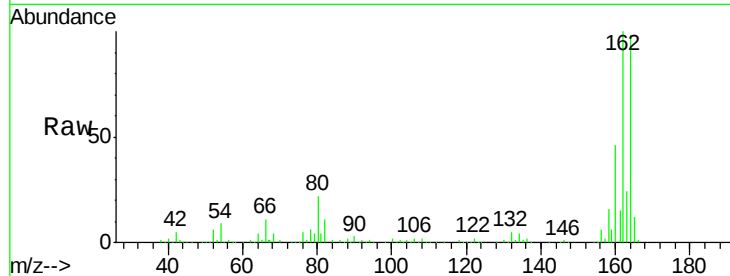




#50
 2,6-Dinitrotoluene
 Concen: 7.67 ng
 RT: 9.64 min Scan# 705
 Delta R.T. 0.18 min
 Lab File: BF086994.D
 Acq: 14 May 2016 2:42

Instrument :
 BNA_F
 ClientSampleId :
 TP14-2FT

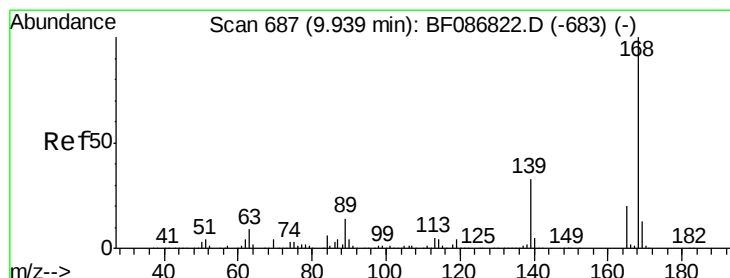
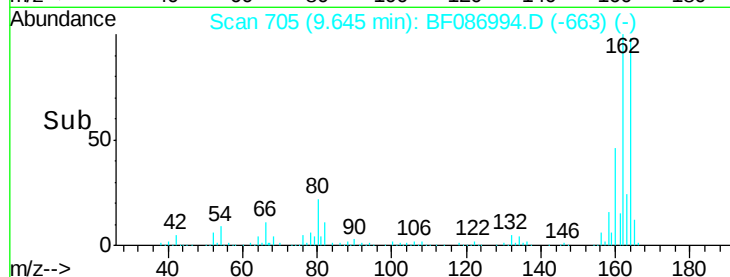
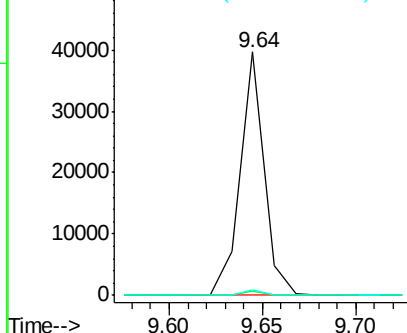
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	51.8	77.8#
89	2.1	50.7	76.1#



Abundance Ion 165.00 (164.70 to 165.70): E

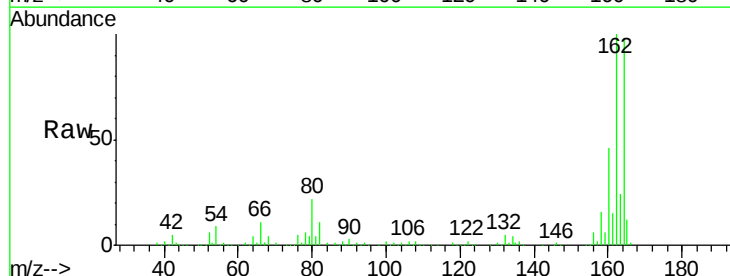
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.20 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.22 min
 Lab File: BF086994.D
 Acq: 14 May 2016 2:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.3	66.5#
89	2.1	70.0	105.0#
182	0.0	1.8	2.6#

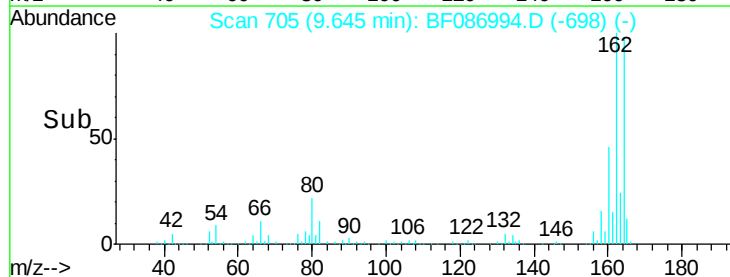
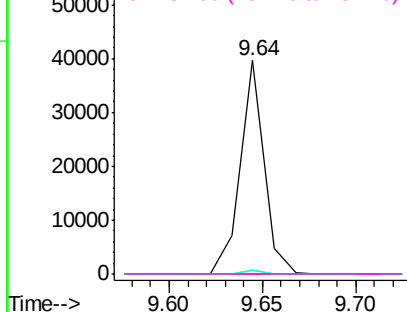


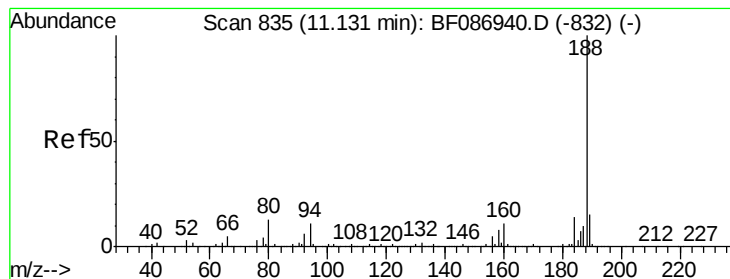
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.12 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF086994.D

Acq: 14 May 2016 2:42

Instrument :

BNA_F

ClientSampleId :

TP14-2FT

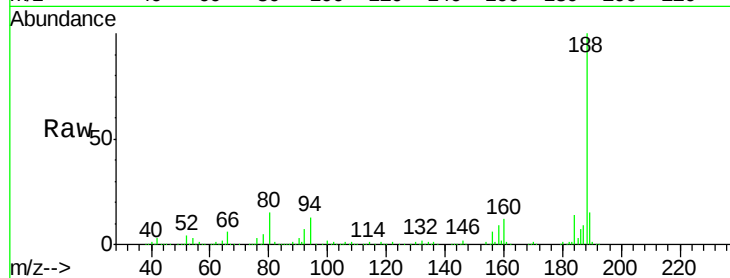
Tgt Ion:188 Resp: 542622

Ion Ratio Lower Upper

188 100

94 13.0 6.8 10.2#

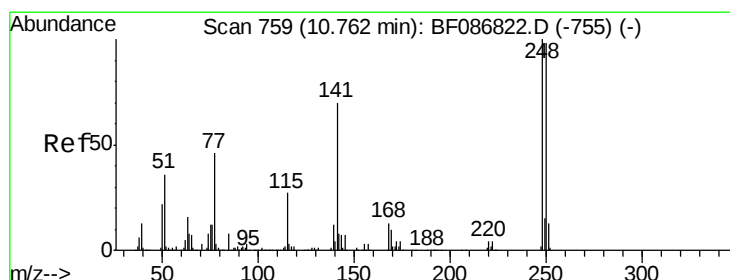
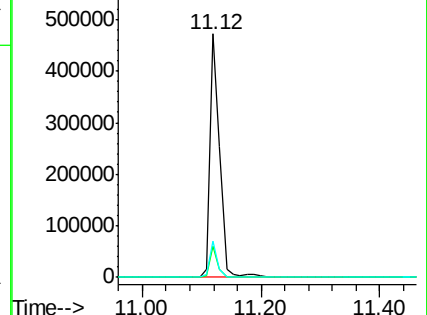
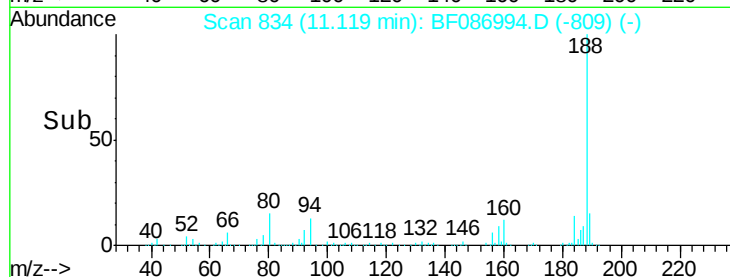
80 14.9 7.1 10.7#



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: 4.18 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.25 min

Lab File: BF086994.D

Acq: 14 May 2016 2:42

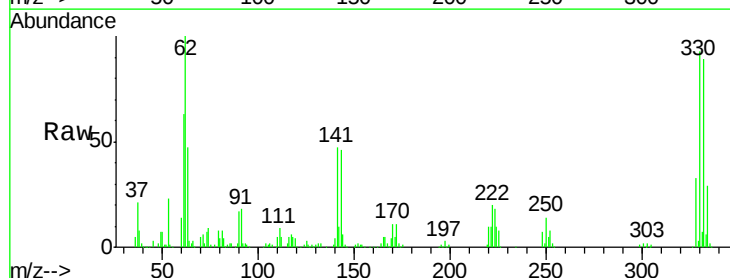
Tgt Ion:248 Resp: 23023

Ion Ratio Lower Upper

248 100

250 200.2 78.6 117.8#

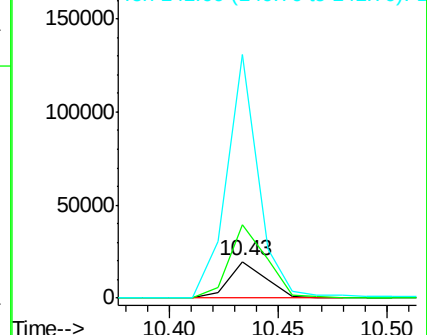
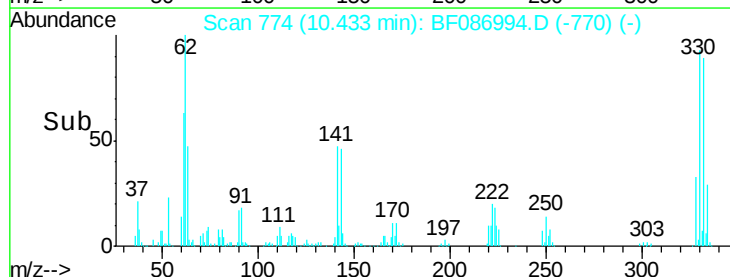
141 669.9 76.0 114.0#

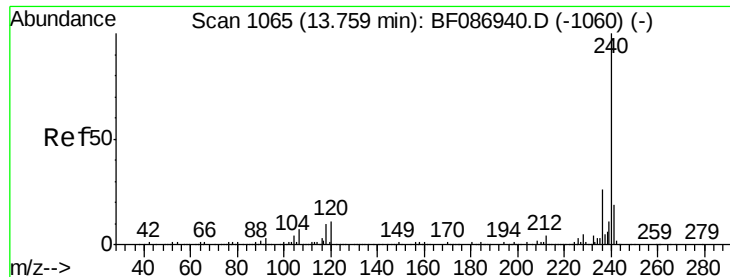


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF086994.D

Acq: 14 May 2016 2:42

Instrument :

BNA_F

ClientSampleId :

TP14-2FT

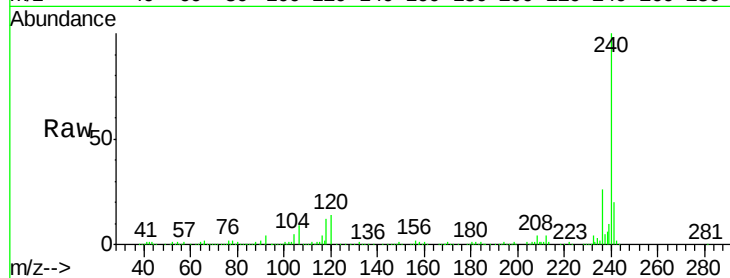
Tgt Ion:240 Resp: 455572

Ion Ratio Lower Upper

240 100

120 13.7 11.2 16.8

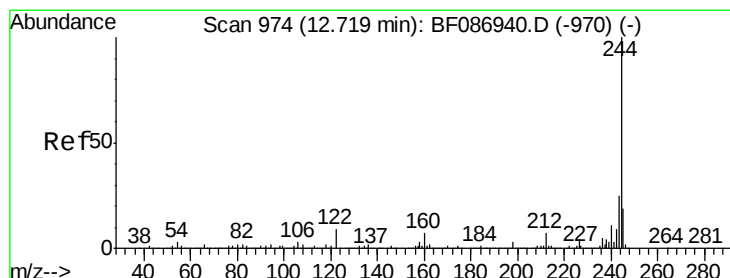
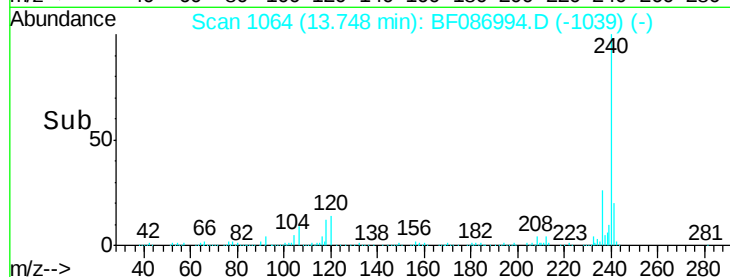
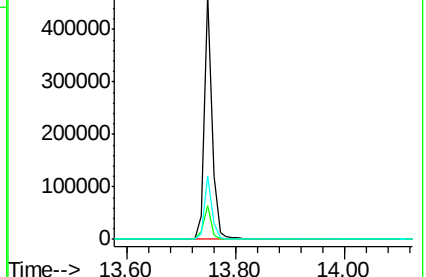
236 26.1 21.2 31.8



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: 76.95 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF086994.D

Acq: 14 May 2016 2:42

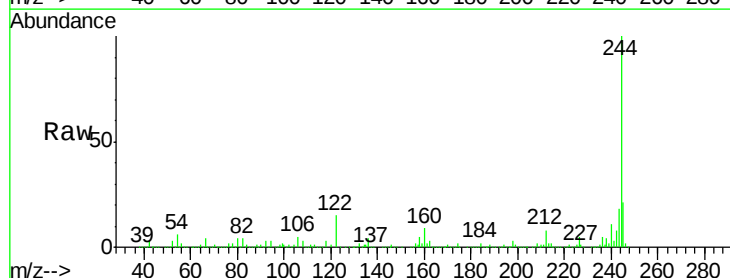
Tgt Ion:244 Resp: 1652285

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

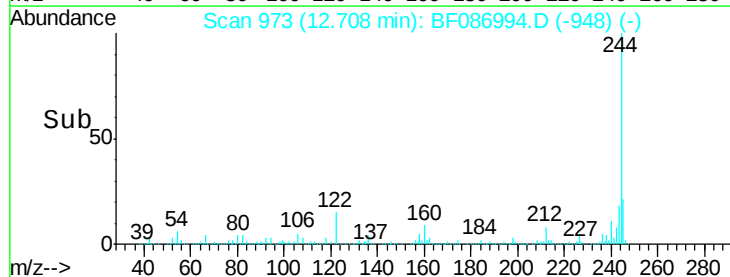
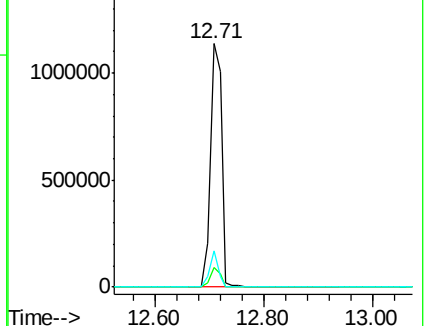
122 14.8 12.0 18.0

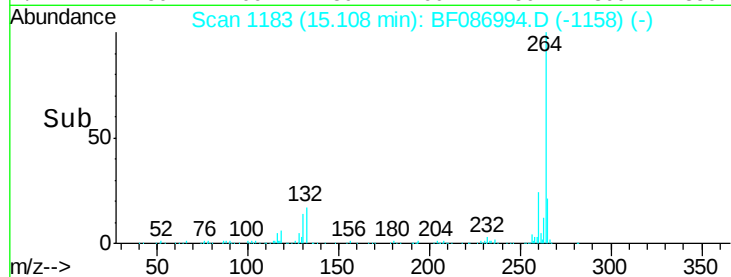
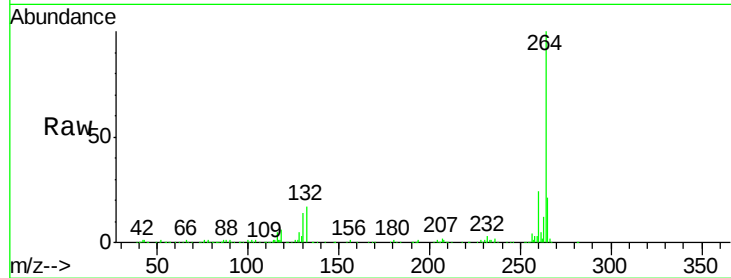
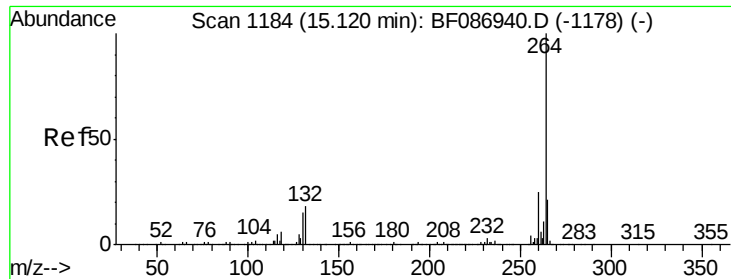


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.11 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF086994.D

Acq: 14 May 2016 2:42

Instrument :

BNA_F

ClientSampleId :

TP14-2FT

Tgt Ion: 264 Resp: 332379

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 21.2 17.3 25.9

