

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101015\
 Data File : BF082187.D
 Acq On : 10 Oct 2015 20:40
 Operator : UM/IZ
 Sample : G3979-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 02:10:07 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 01:46:21 2015
 Response via : Initial Calibration

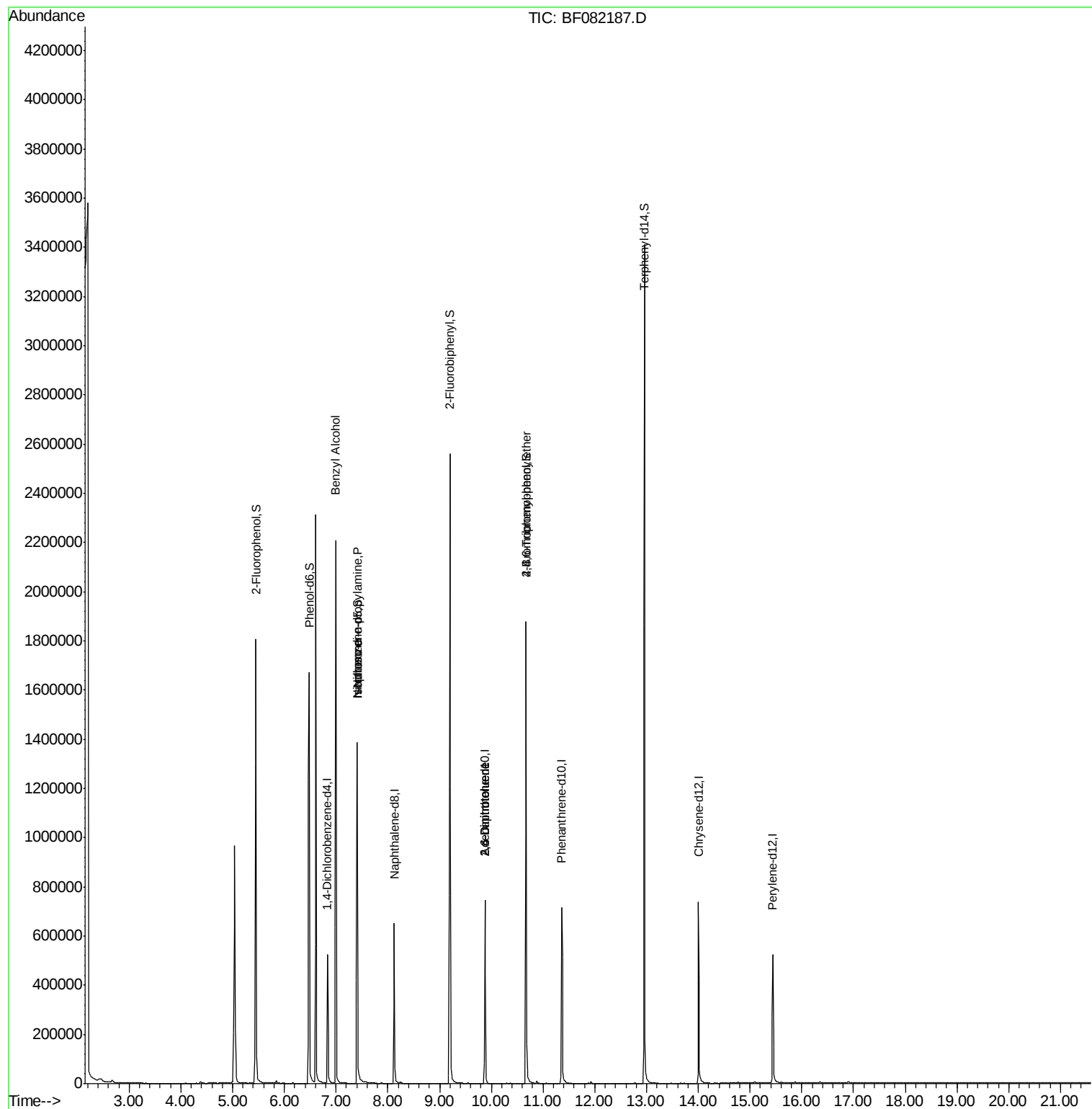
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	96911	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	392525	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	202689	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	411937	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	370677	20.00	ng	-0.01
86) Perylene-d12	15.44	264	283318	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	682404	142.11	ng	0.02
7) Phenol-d6	6.48	99	849019	135.87	ng	0.00
23) Nitrobenzene-d5	7.41	82	566013	96.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	296231	155.84	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1161203	95.01	ng	-0.01
78) Terphenyl-d14	12.96	244	1366424	97.68	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.99	79	9271	2.15	ng	# 48
19) n-Nitroso-di-n-propylamine	7.41	70	72717	16.57	ng	# 80
25) Isophorone	7.41	82	443329	37.58	ng	# 66
50) 2,6-Dinitrotoluene	9.87	165	25415	8.44	ng	# 30
56) 2,4-Dinitrotoluene	9.87	165	25417	6.75	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	20800	5.05	ng	# 1

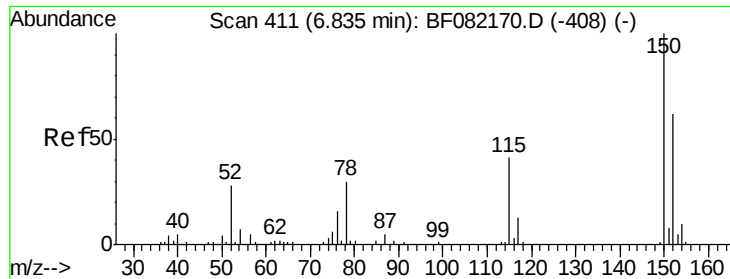
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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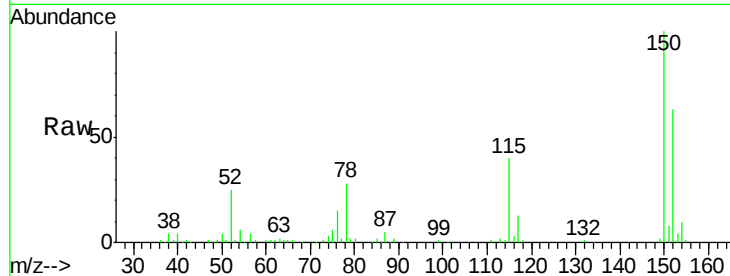




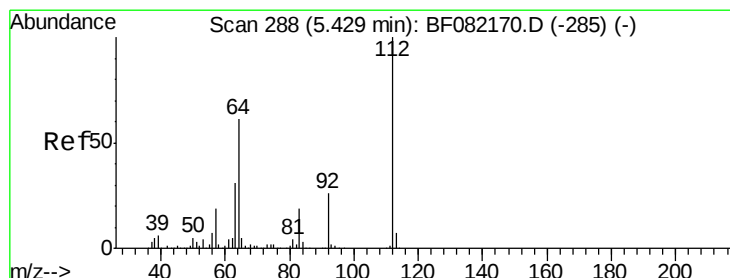
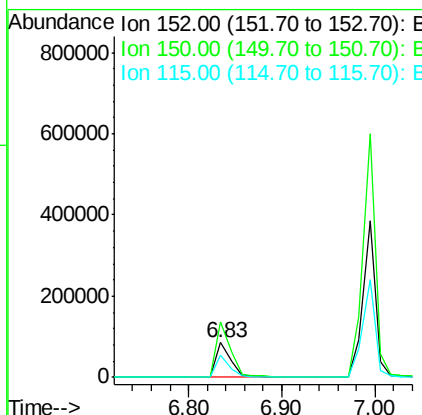
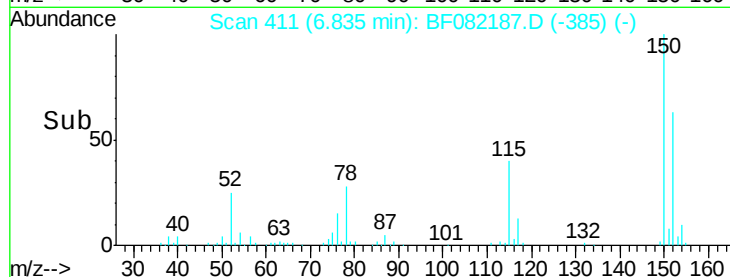
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF082187.D
 Acq: 10 Oct 2015 20:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 96911
 Ion Ratio Lower Upper
 152 100
 150 159.5 129.0 193.4
 115 63.1 52.1 78.1

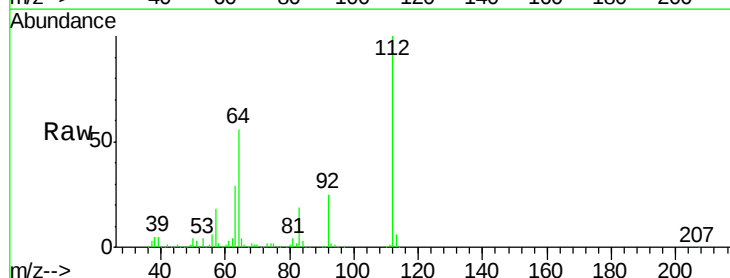


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

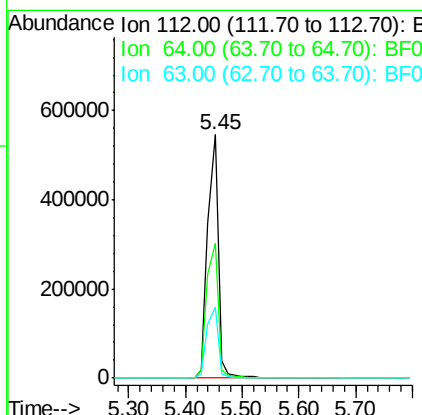
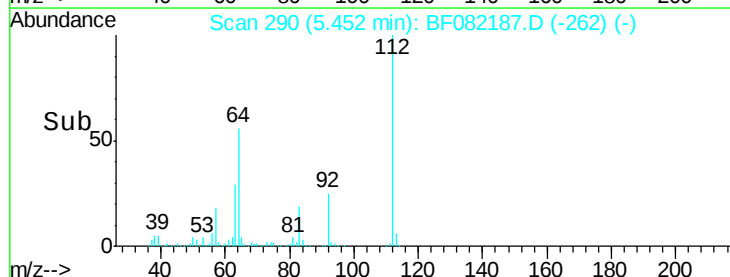


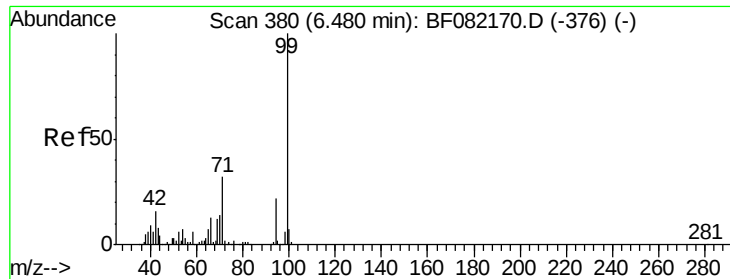
#5
 2-Fluorophenol
 Concen: 142.11 ng
 RT: 5.45 min Scan# 290
 Delta R.T. 0.02 min
 Lab File: BF082187.D
 Acq: 10 Oct 2015 20:40

Tgt Ion:112 Resp: 682404
 Ion Ratio Lower Upper
 112 100
 64 55.6 48.6 73.0
 63 29.3 25.1 37.7



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: 135.87 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF082187.D

Acq: 10 Oct 2015 20:40

Instrument :

BNA_F

ClientSampleId :

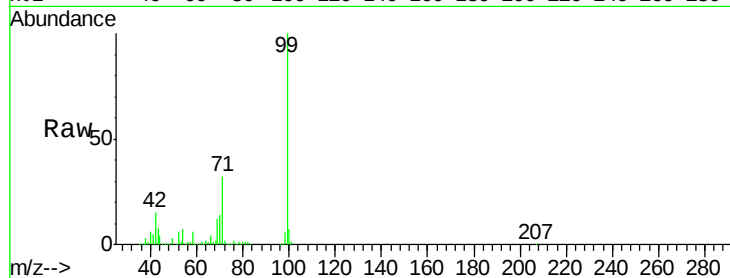
Tot Ion: 99 Resp: 849019

Ion Ratio Lower Upper

99 100

42 15.2 13.2 19.8

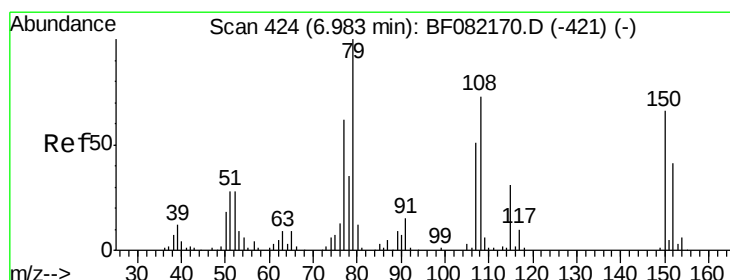
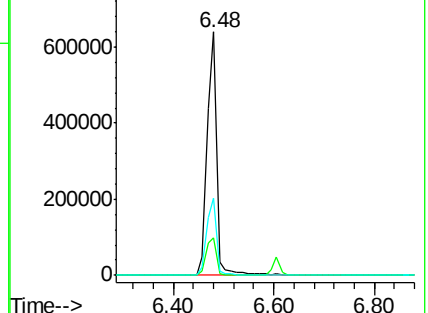
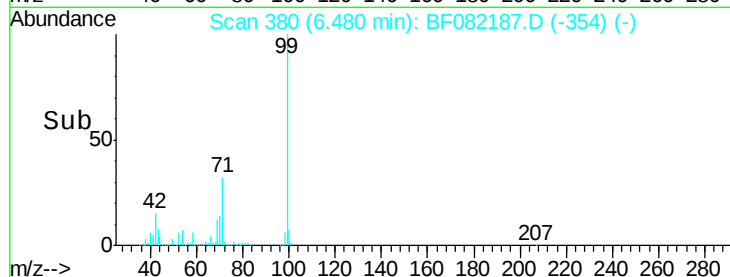
71 31.8 25.6 38.4



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



#15

Benzyl Alcohol

Concen: 2.15 ng

RT: 6.99 min Scan# 425

Delta R.T. 0.01 min

Lab File: BF082187.D

Acq: 10 Oct 2015 20:40

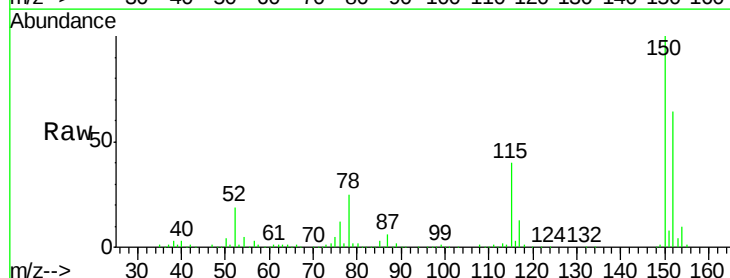
Tgt Ion: 79 Resp: 9271

Ion Ratio Lower Upper

79 100

108 33.4 58.4 87.6#

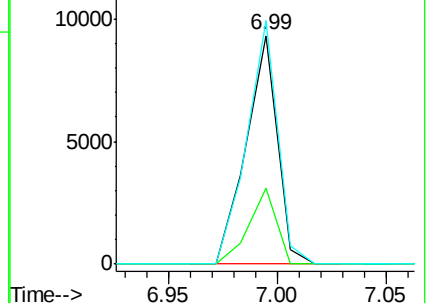
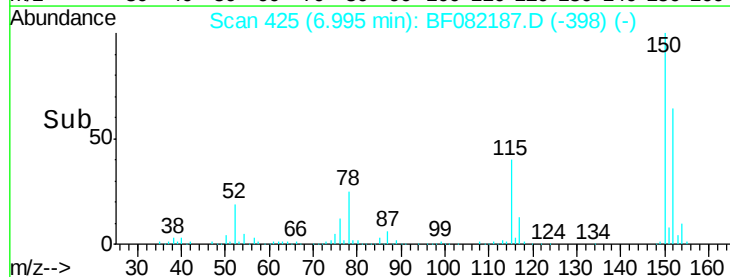
77 106.5 49.8 74.6#

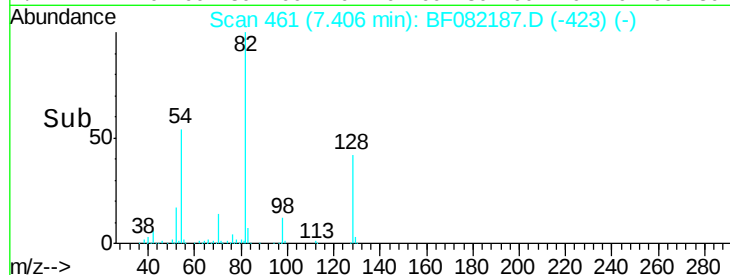
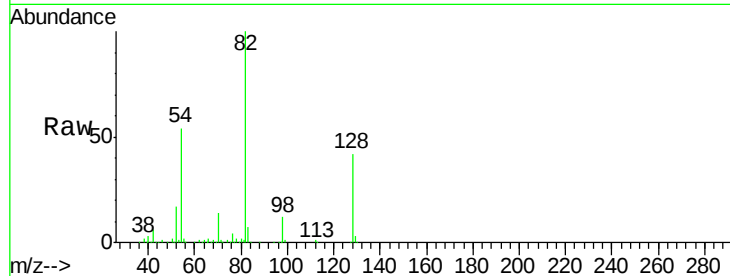


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

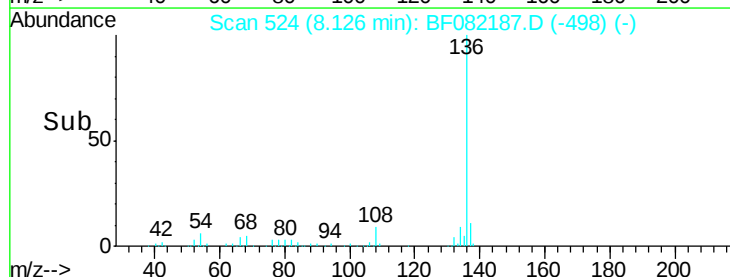
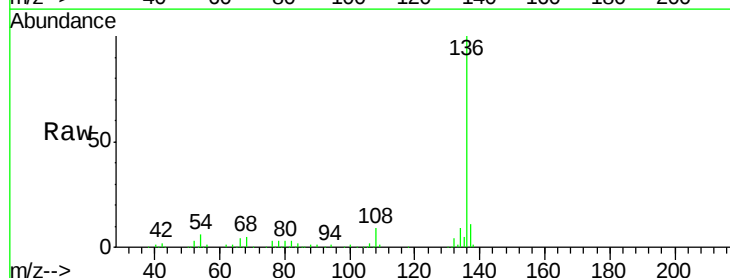
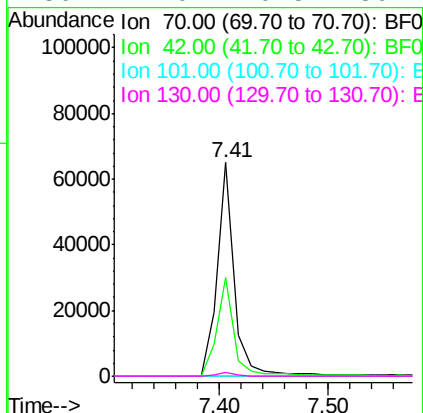




#19
n-Nitroso-di-n-propylamine
Concen: 16.57 ng
RT: 7.41 min Scan# 461
Delta R.T. 0.14 min
Lab File: BF082187.D
Acq: 10 Oct 2015 20:40

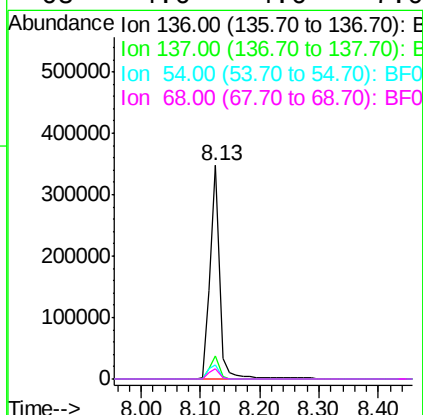
Instrument :
BNA_F
ClientSampleId :

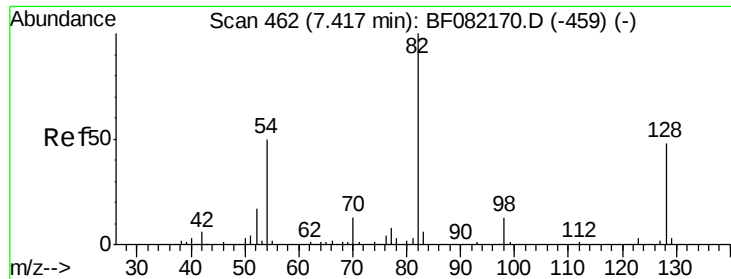
Tot Ion	Ratio	Lower	Upper
70	100		
42	46.4	39.8	59.8
101	0.0	8.6	13.0#
130	2.0	20.5	30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF082187.D
Acq: 10 Oct 2015 20:40

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	6.4	7.5	11.3#
68	4.6	4.6	7.0#

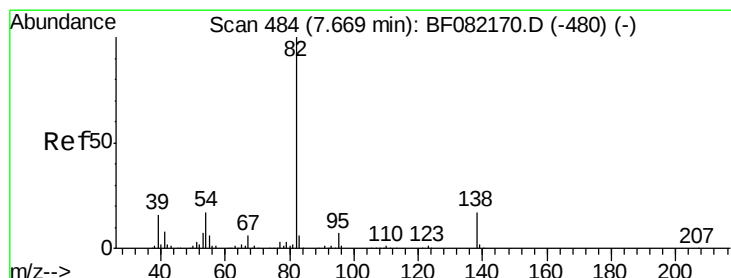
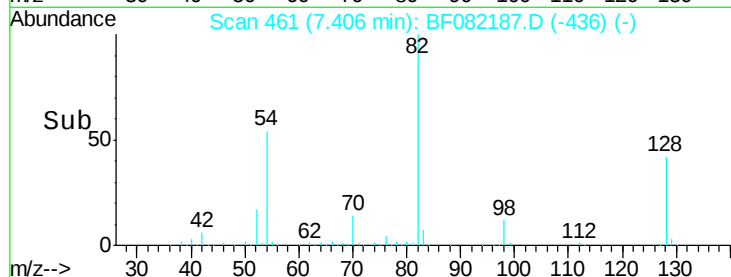
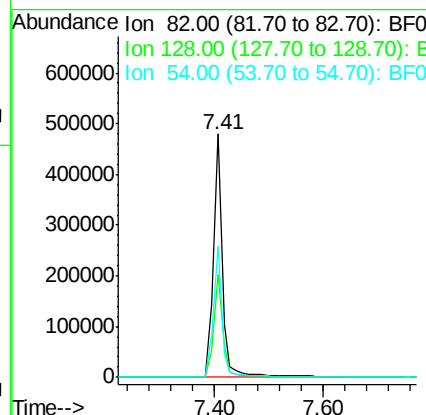
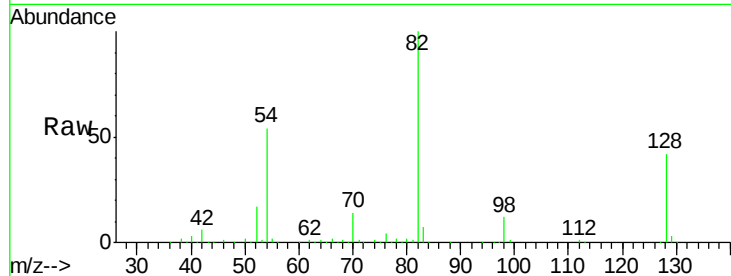




#23
Nitrobenzene-d5
Concen: 96.84 ng
RT: 7.41 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF082187.D
Acq: 10 Oct 2015 20:40

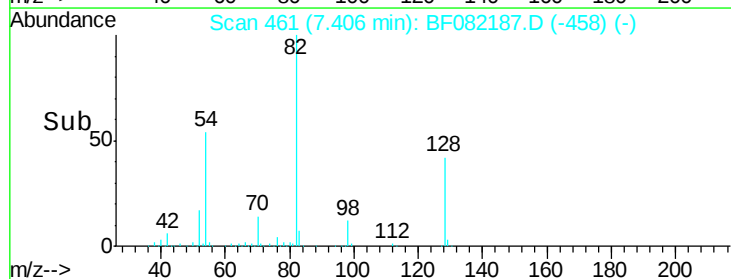
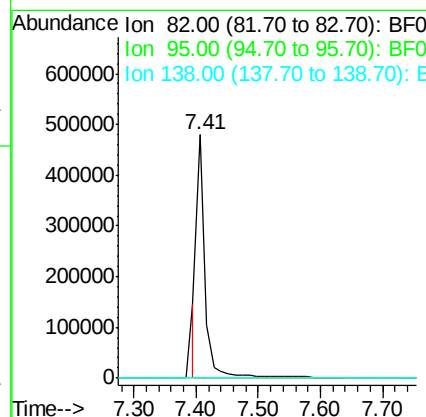
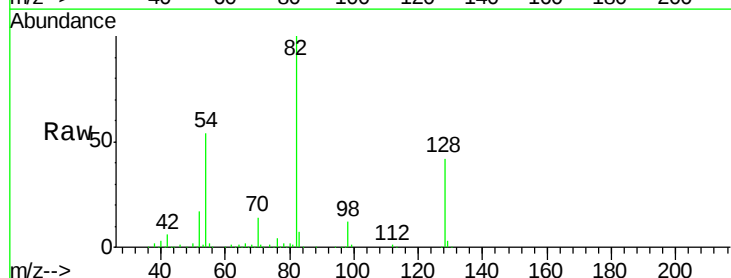
Instrument :
BNA_F
ClientSampleId :

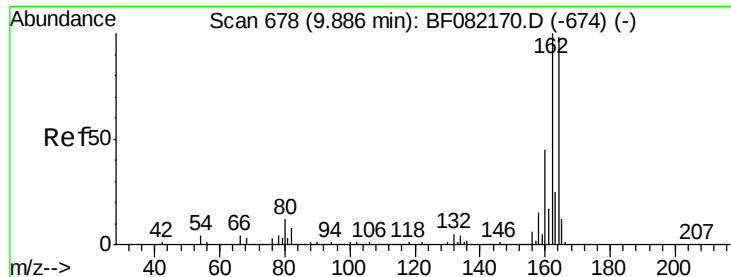
Tot Ion: 82 Resp: 566013
Ion Ratio Lower Upper
82 100
128 42.2 38.7 58.1
54 53.8 40.1 60.1



#25
Isophorone
Concen: 37.58 ng
RT: 7.41 min Scan# 461
Delta R.T. -0.26 min
Lab File: BF082187.D
Acq: 10 Oct 2015 20:40

Tgt Ion: 82 Resp: 443329
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 13.6 20.4#

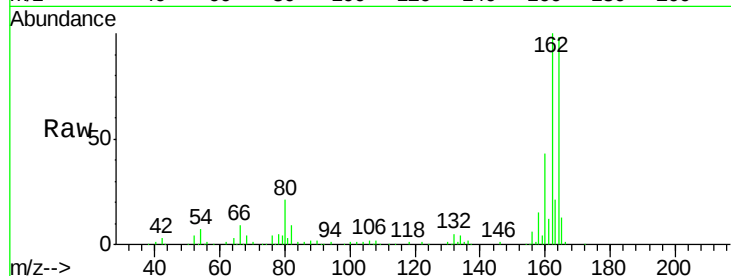




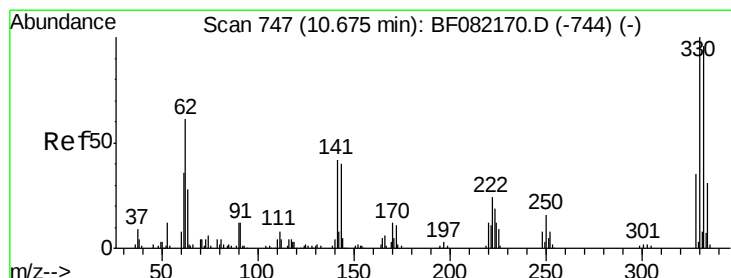
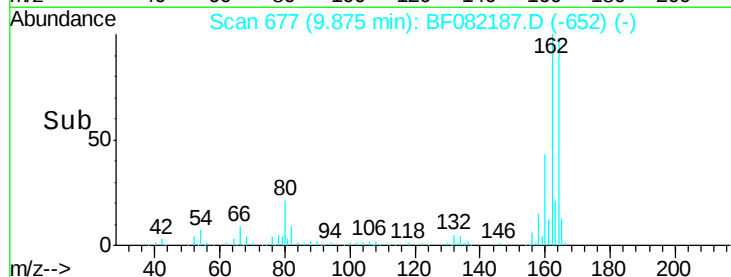
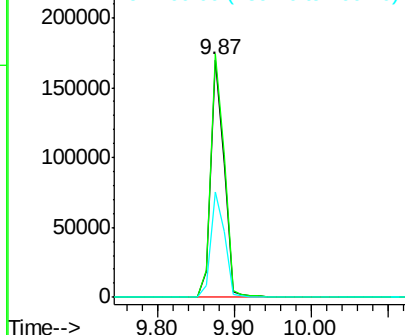
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF082187.D
Acq: 10 Oct 2015 20:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 202689
Ion Ratio Lower Upper
164 100
162 102.4 81.6 122.4
160 44.6 36.4 54.6

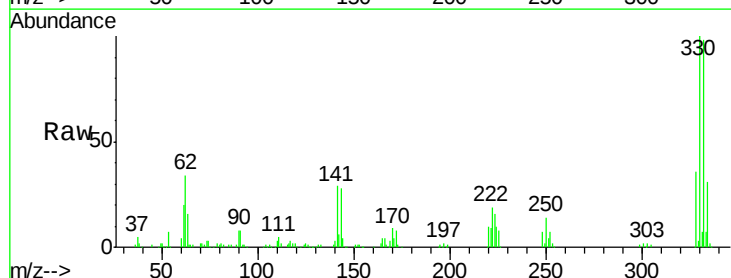


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

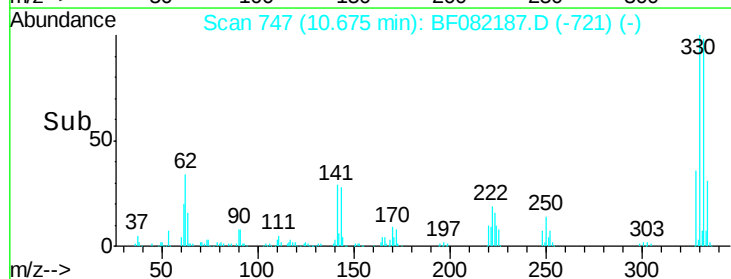
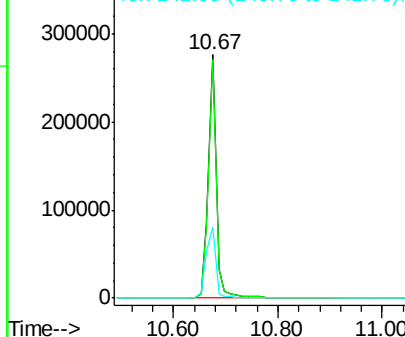


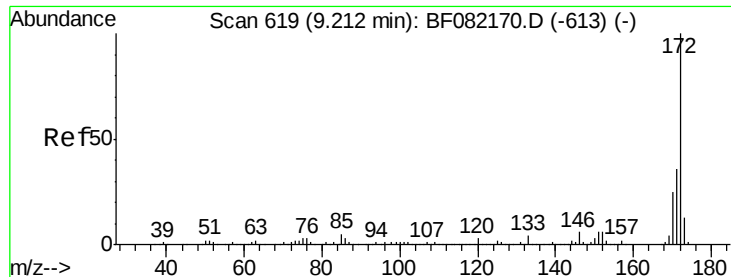
#41
2,4,6-Tribromophenol
Concen: 155.84 ng
RT: 10.67 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF082187.D
Acq: 10 Oct 2015 20:40

Tgt Ion:330 Resp: 296231
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 35.5 29.8 44.8



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

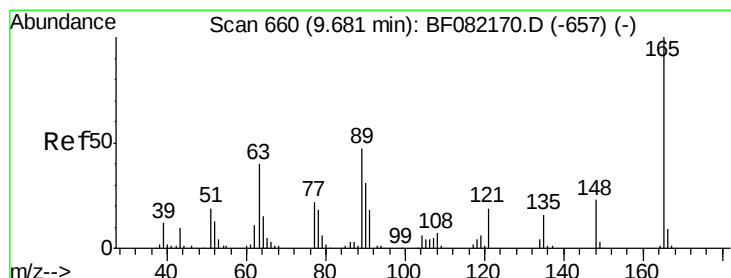
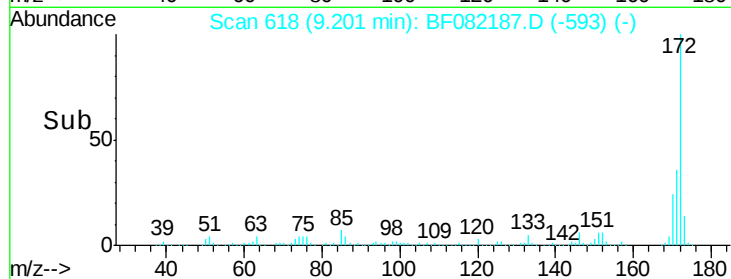
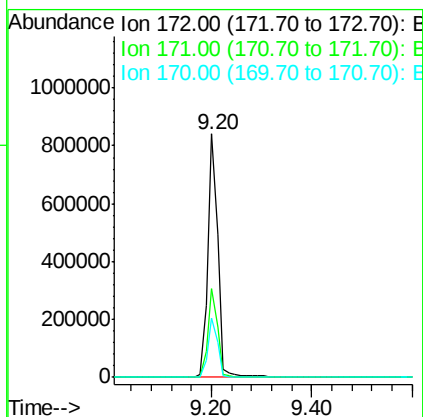
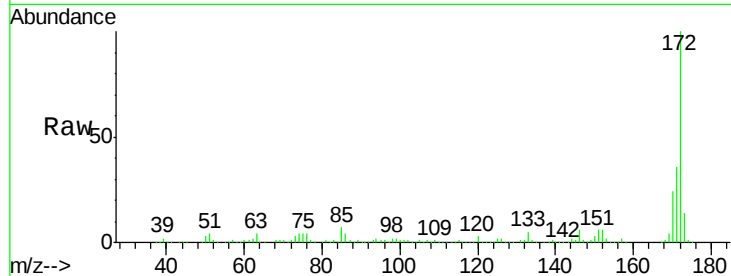




#44
 2-Fluorobiphenyl
 Concen: 95.01 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF082187.D
 Acq: 10 Oct 2015 20:40

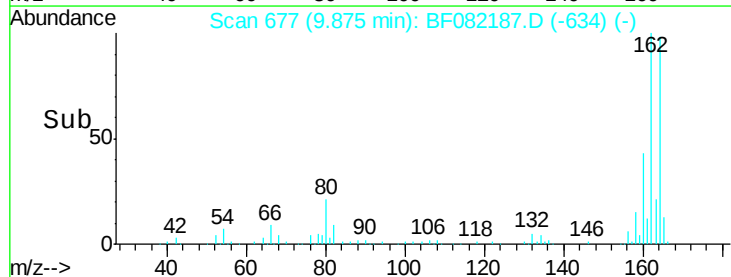
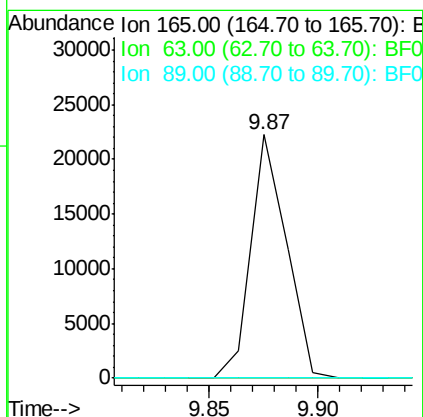
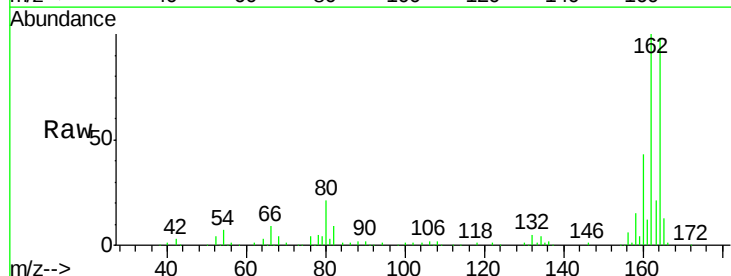
Instrument :
 BNA_F
 ClientSampled :

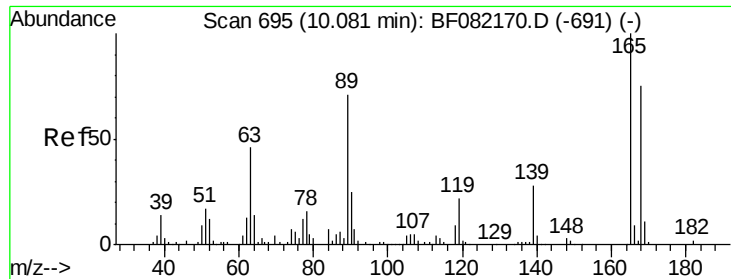
Tot Ion:172 Resp: 1161203
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.6 42.8
 170 24.4 19.7 29.5



#50
 2,6-Dinitrotoluene
 Concen: 8.44 ng
 RT: 9.87 min Scan# 677
 Delta R.T. 0.19 min
 Lab File: BF082187.D
 Acq: 10 Oct 2015 20:40

Tgt Ion:165 Resp: 25415
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.7 55.1#
 89 0.0 37.8 56.6#

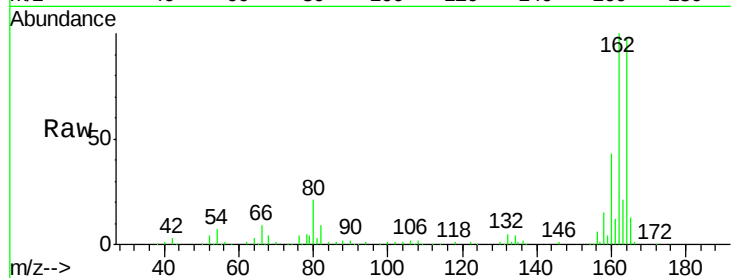




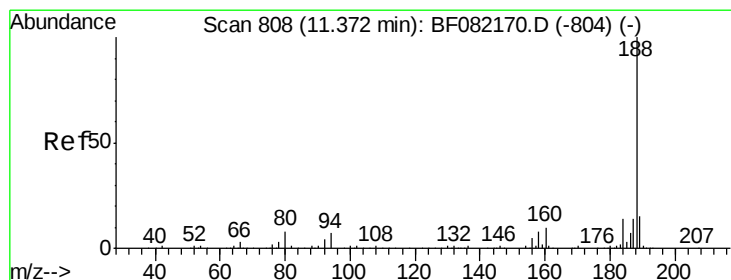
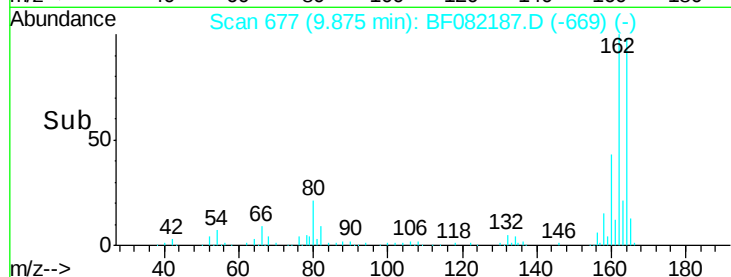
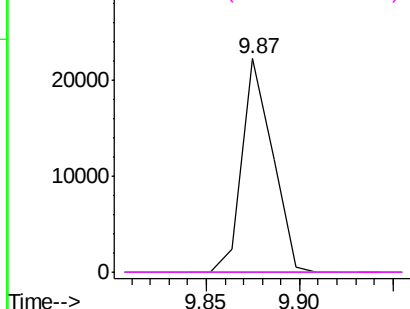
#56
 2,4-Dinitrotoluene
 Concen: 6.75 ng
 RT: 9.87 min Scan# 677
 Delta R.T. -0.21 min
 Lab File: BF082187.D
 Acq: 10 Oct 2015 20:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 25417
 Ion Ratio Lower Upper
 165 100
 63 0.0 38.6 58.0#
 89 0.0 57.0 85.6#
 182 0.0 1.8 2.6#

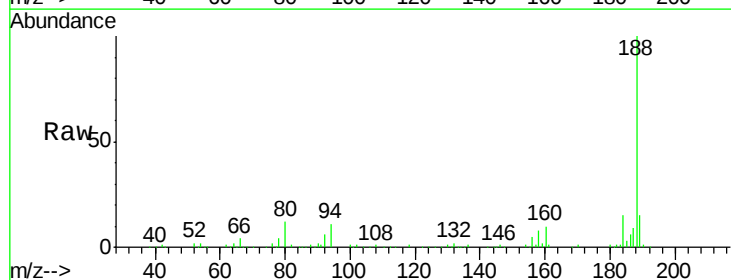


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

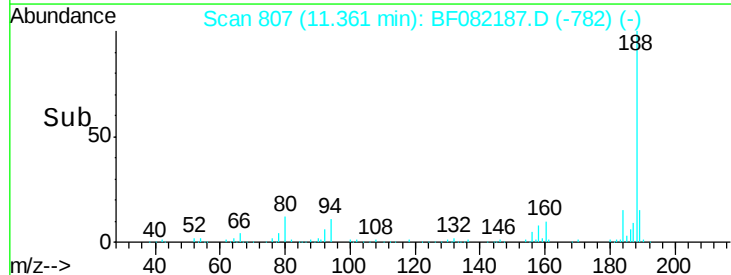
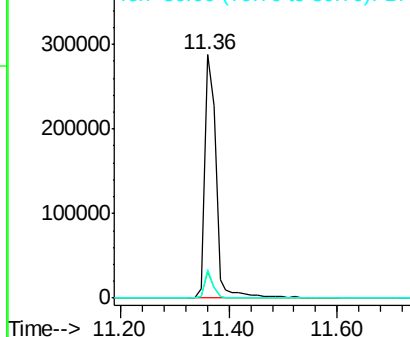


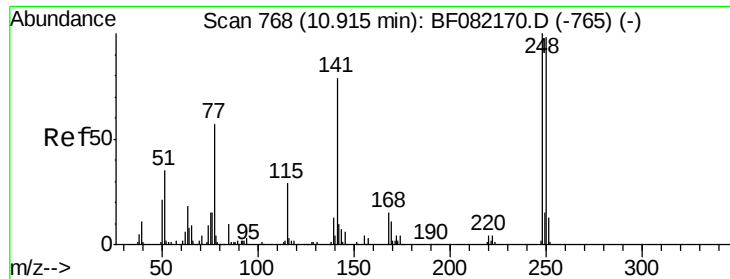
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF082187.D
 Acq: 10 Oct 2015 20:40

Tgt Ion:188 Resp: 411937
 Ion Ratio Lower Upper
 188 100
 94 10.7 5.8 8.6#
 80 11.7 6.4 9.6#



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

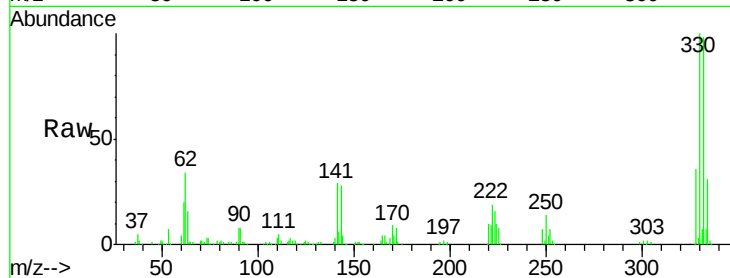




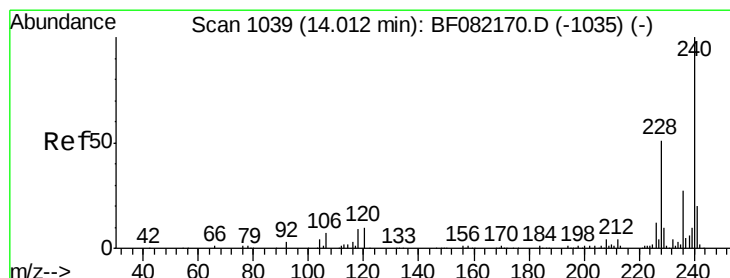
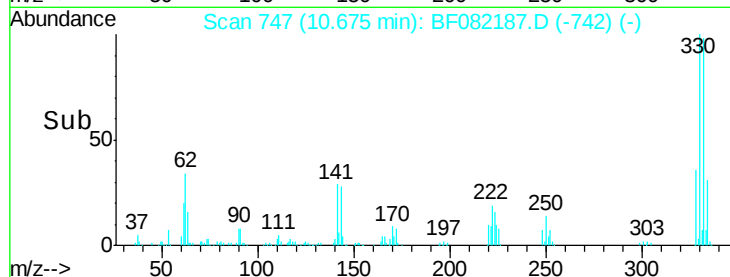
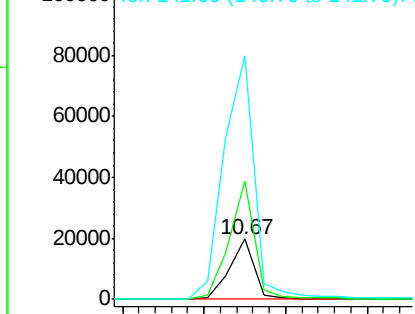
#66
4-Bromophenyl-phenylether
Concen: 5.05 ng
RT: 10.67 min Scan# 747
Delta R.T. -0.24 min
Lab File: BF082187.D
Acq: 10 Oct 2015 20:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 20800
Ion Ratio Lower Upper
248 100
250 197.7 78.6 117.8#
141 405.1 63.3 94.9#

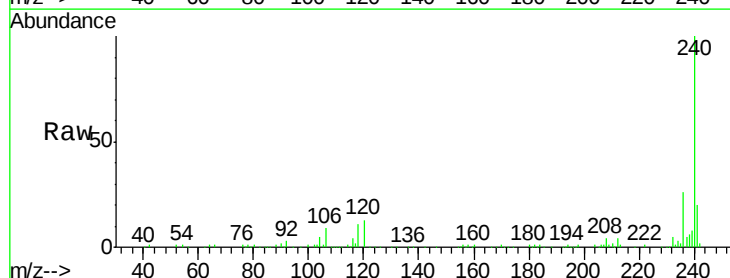


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

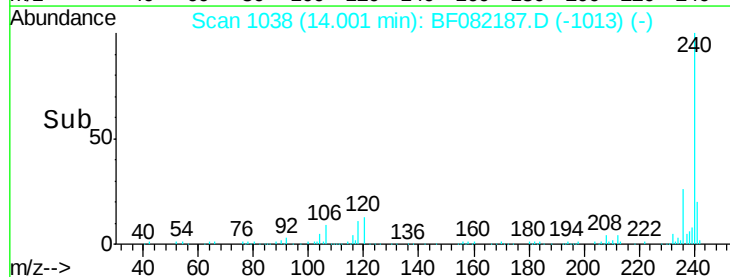
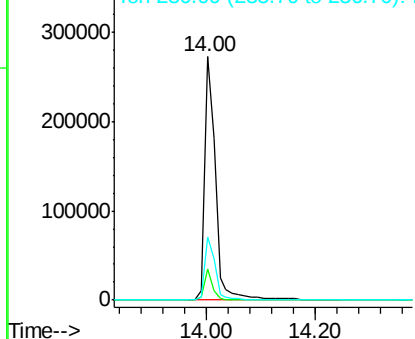


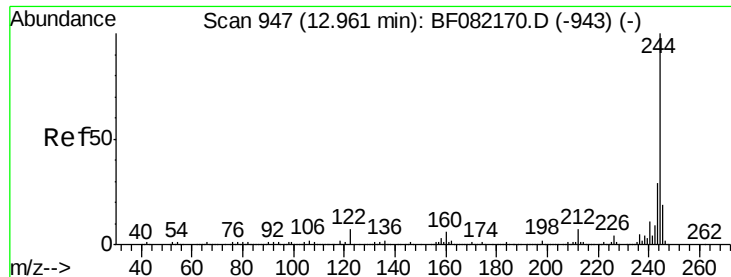
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF082187.D
Acq: 10 Oct 2015 20:40

Tgt Ion:240 Resp: 370677
Ion Ratio Lower Upper
240 100
120 12.6 8.1 12.1#
236 25.9 21.3 31.9



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: 97.68 ng

RT: 12.96 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF082187.D

Acq: 10 Oct 2015 20:40

Instrument :

BNA_F

ClientSampleId :

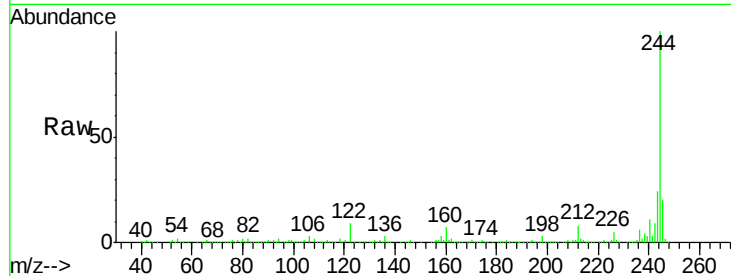
Tot Ion:244 Resp: 1366424

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.6

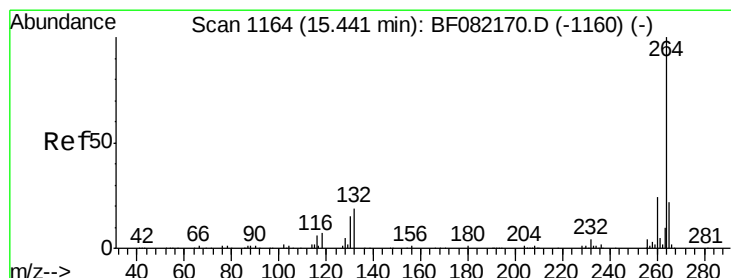
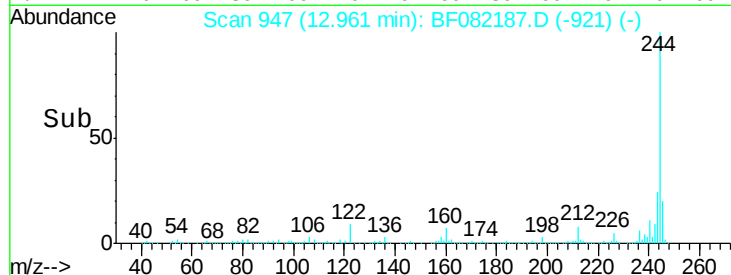
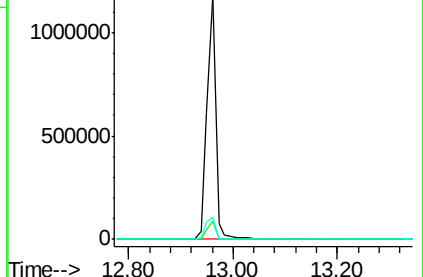
122 9.3 5.9 8.9#



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: 15.44 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BF082187.D

Acq: 10 Oct 2015 20:40

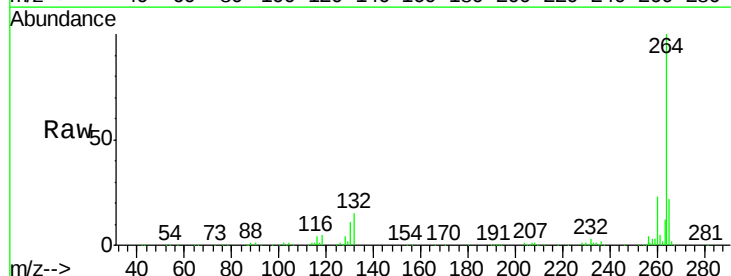
Tgt Ion:264 Resp: 283318

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 21.7 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

