

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082915\
 Data File : BF081288.D
 Acq On : 30 Aug 2015 00:00
 Operator : UM/IZ
 Sample : G3474-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 01:10:19 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	63803	20.00	ng	-0.06
21) Naphthalene-d8	7.77	136	248994	20.00	ng	-0.06
38) Acenaphthene-d10	9.51	164	110694	20.00	ng	-0.07
63) Phenanthrene-d10	10.98	188	236785	20.00	ng	-0.06
75) Chrysene-d12	13.59	240	169048	20.00	ng	-0.07
86) Perylene-d12	14.92	264	126093	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.04	112	240940	56.80	ng	-0.06
7) Phenol-d6	6.14	99	218223	39.43	ng	-0.06
23) Nitrobenzene-d5	7.05	82	422258	77.47	ng	-0.07
41) 2,4,6-Tribromophenol	10.30	330	106598	111.09	ng	-0.06
44) 2-Fluorobiphenyl	8.86	172	734428	86.93	ng	-0.05
78) Terphenyl-d14	12.57	244	625713	79.35	ng	-0.06

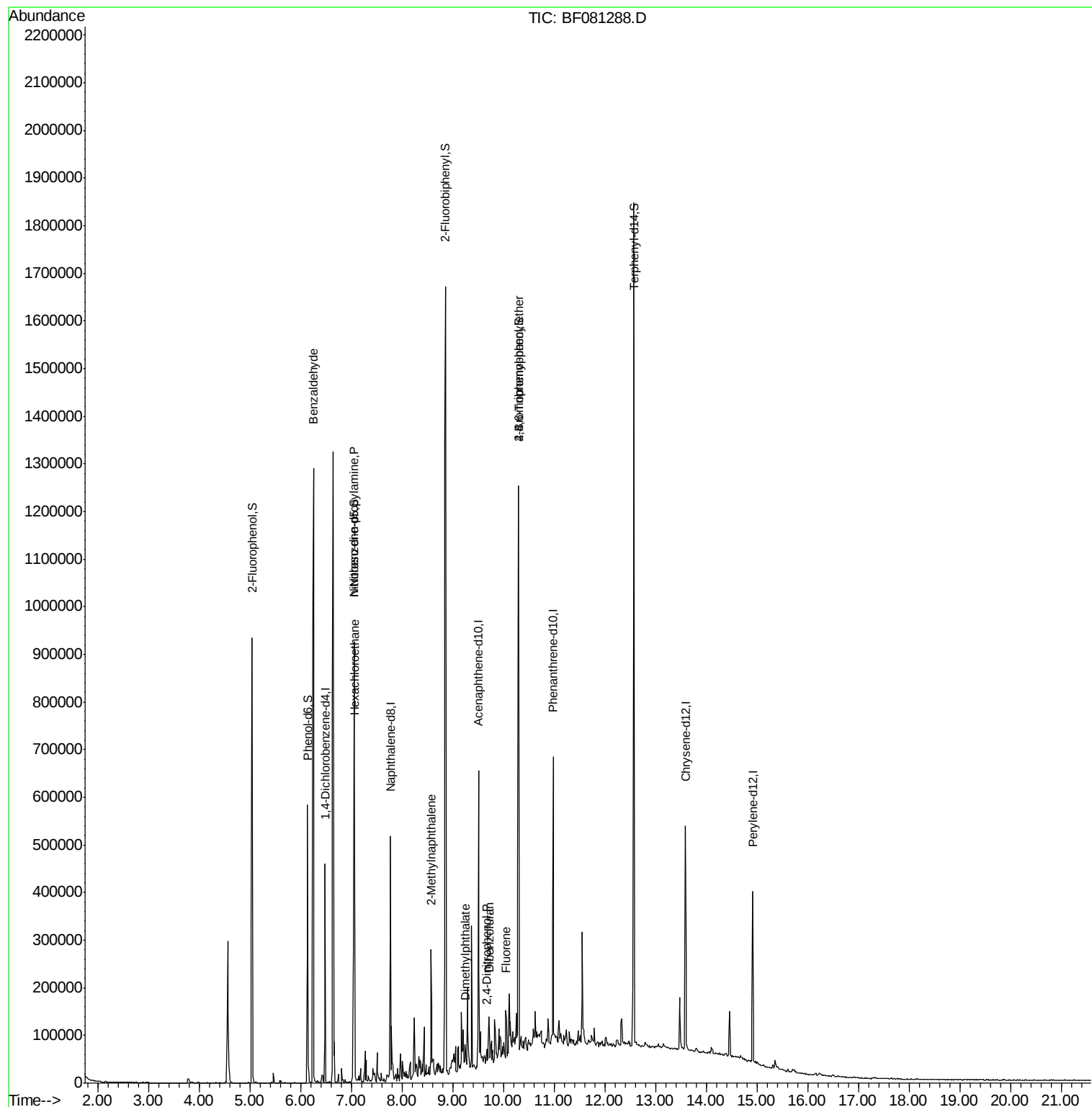
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.25	77	11224	3.15	ng	85
18) Hexachloroethane	7.06	117	19743	9.89	ng	# 8
19) n-Nitroso-di-n-propylamine	7.05	70	55218	14.40	ng	# 71
37) 2-Methylnaphthalene	8.57	142	72446	8.26	ng	96
49) Dimethylphthalate	9.25	163	20289	2.23	ng	# 93
53) 2,4-Dinitrophenol	9.67	184	318	3.00	ng	# 1
54) Dibenzofuran	9.71	168	23598	2.10	ng	# 92
57) Fluorene	10.06	166	28529	3.30	ng	# 96
66) 4-Bromophenyl-phenylether	10.30	248	7855	3.38	ng	# 1

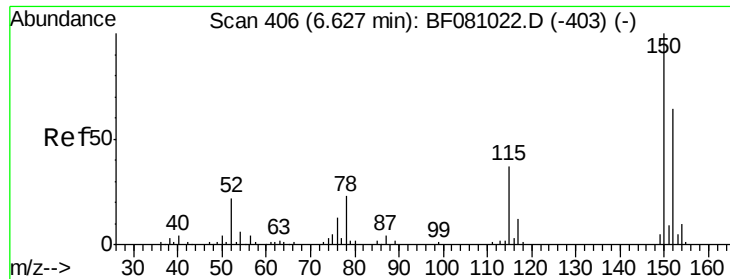
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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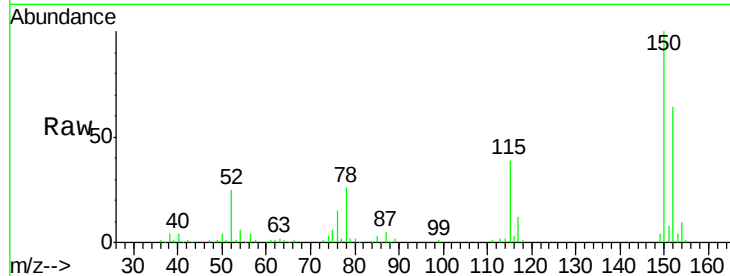


#1

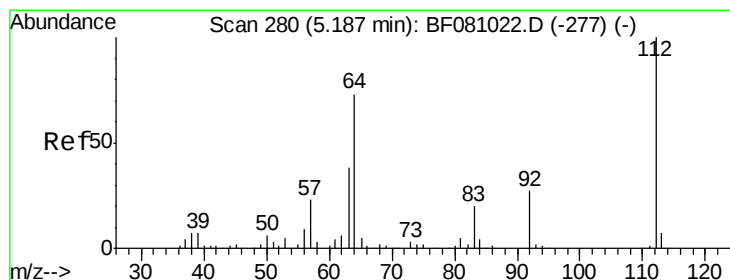
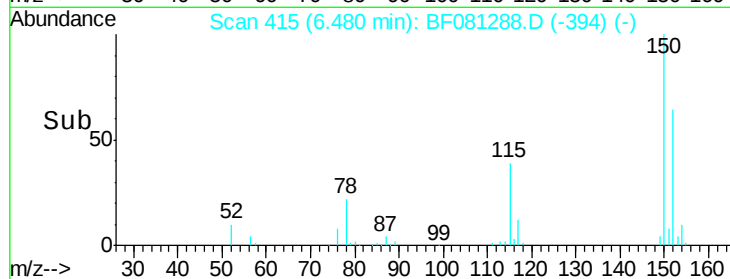
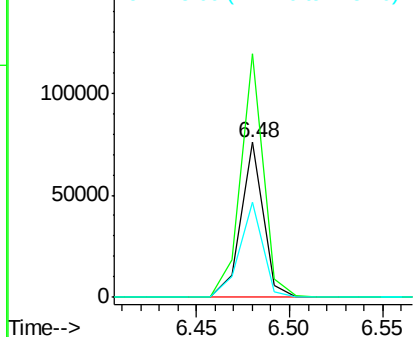
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 415
Delta R.T. -0.06 min
Lab File: BF081288.D
Acq: 30 Aug 2015 00:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 63803
Ion Ratio Lower Upper
152 100
150 157.2 123.8 185.6
115 61.3 52.1 78.1



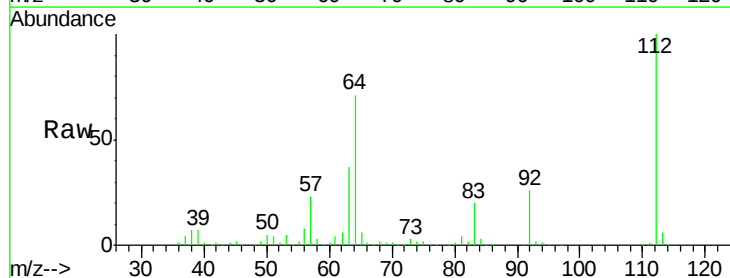
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



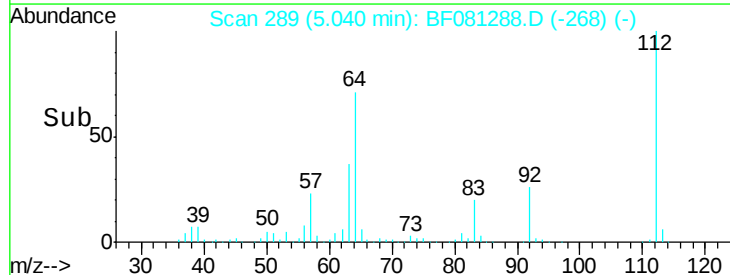
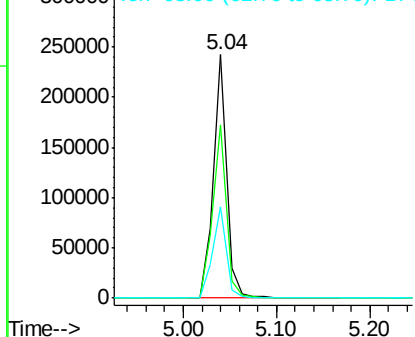
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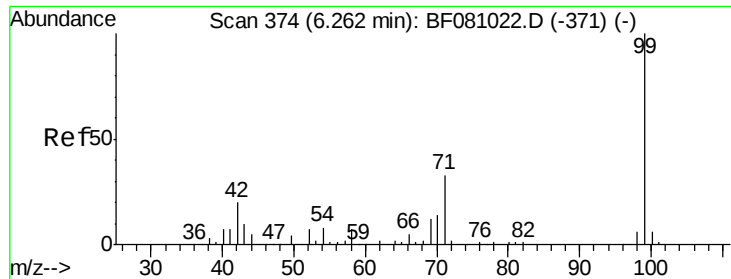
2-Fluorophenol
Concen: 56.80 ng
RT: 5.04 min Scan# 289
Delta R.T. -0.06 min
Lab File: BF081288.D
Acq: 30 Aug 2015 00:00

Tgt Ion:112 Resp: 240940
Ion Ratio Lower Upper
112 100
64 71.4 66.9 100.3
63 37.5 38.1 57.1#



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: 39.43 ng

RT: 6.14 min Scan# 385

Delta R.T. -0.06 min

Lab File: BF081288.D

Acq: 30 Aug 2015 00:00

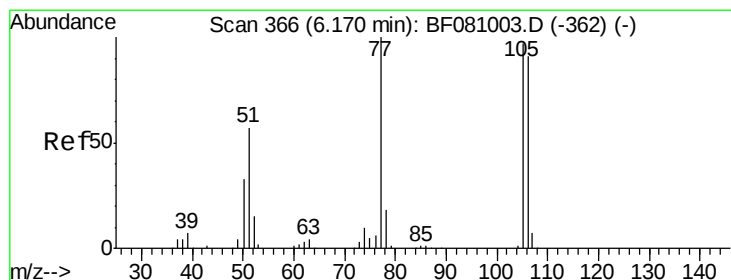
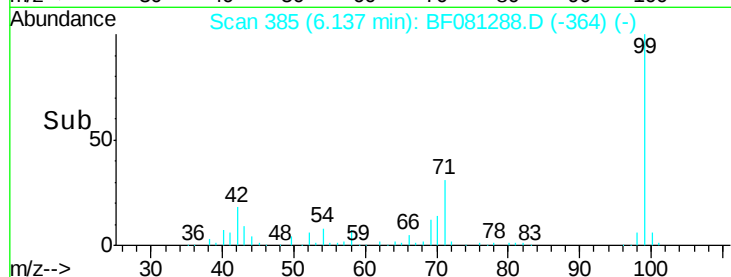
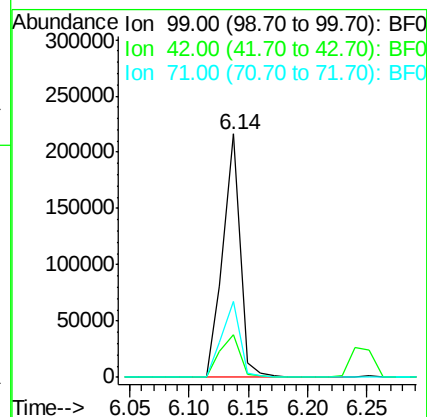
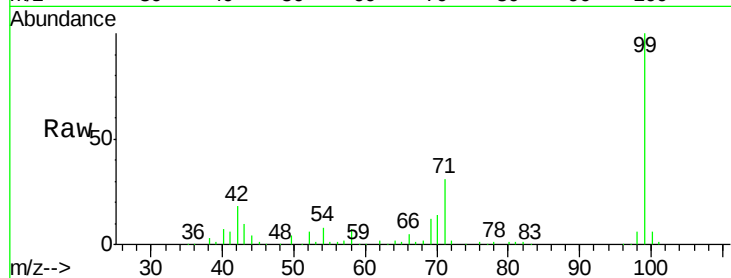
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 218223

Ion	Ratio	Lower	Upper
99	100		
42	17.7	19.6	29.4#
71	31.3	31.2	46.8



#9

Benzaldehyde

Concen: 3.15 ng

RT: 6.25 min Scan# 395

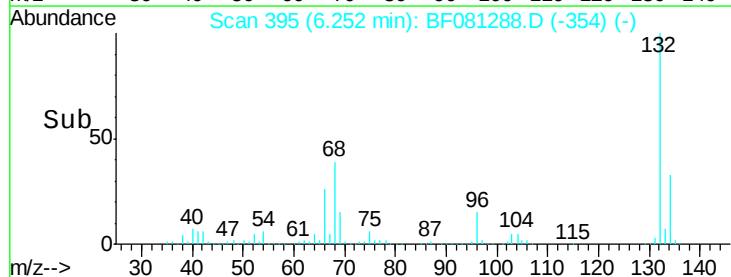
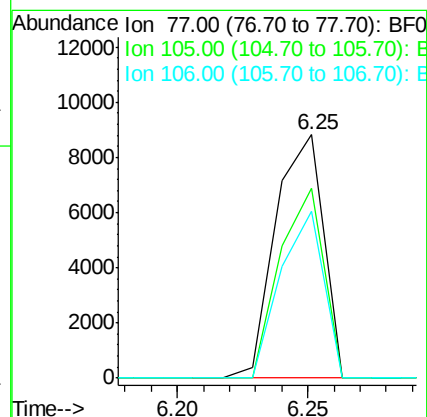
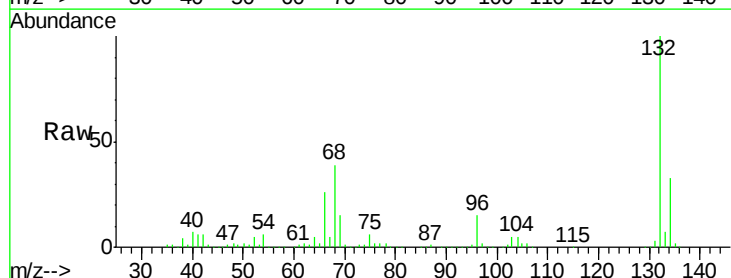
Delta R.T. 0.17 min

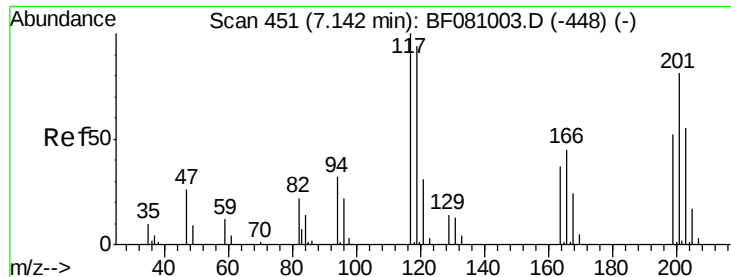
Lab File: BF081288.D

Acq: 30 Aug 2015 00:00

Tgt Ion: 77 Resp: 11224

Ion	Ratio	Lower	Upper
77	100		
105	77.9	69.6	109.6
106	68.5	64.0	104.0

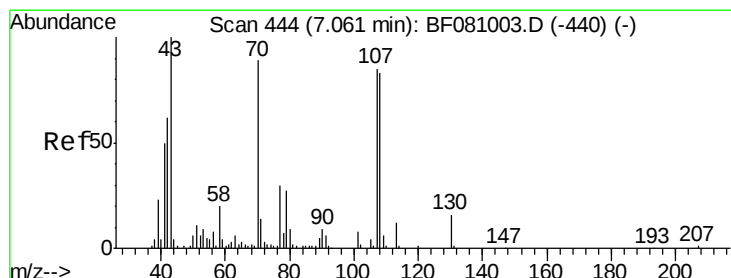
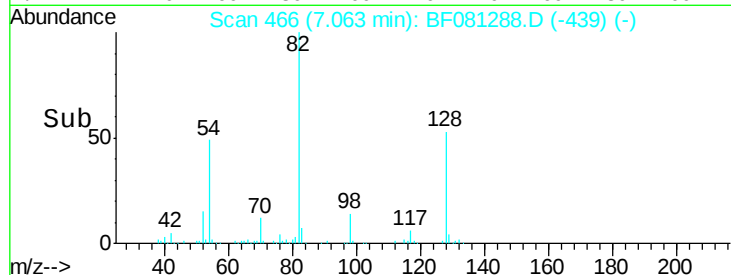
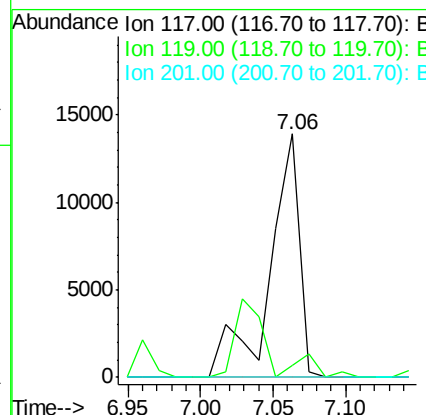
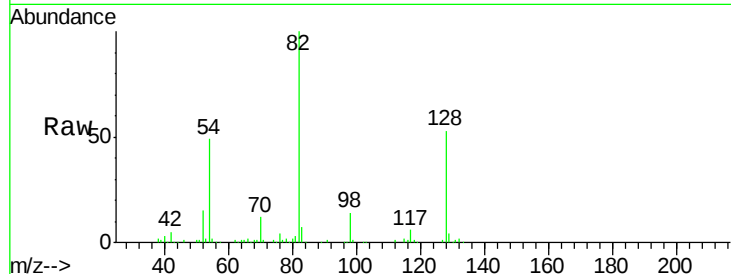




#18
Hexachloroethane
Concen: 9.89 ng
RT: 7.06 min Scan# 466
Delta R.T. 0.01 min
Lab File: BF081288.D
Acq: 30 Aug 2015 00:00

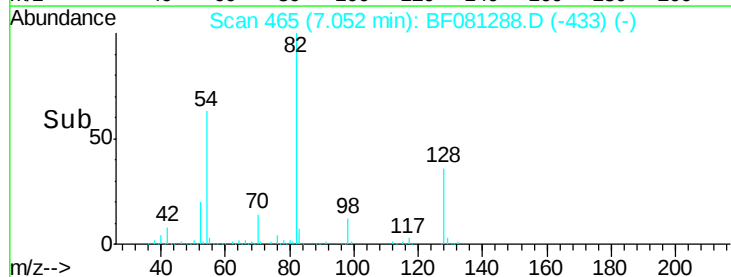
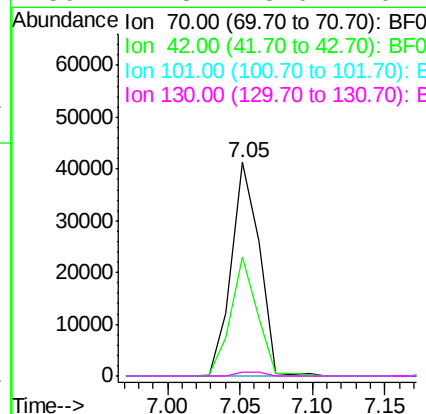
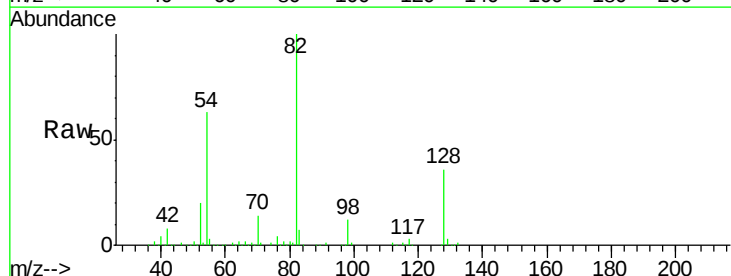
Instrument :
BNA_F
ClientSampleId :

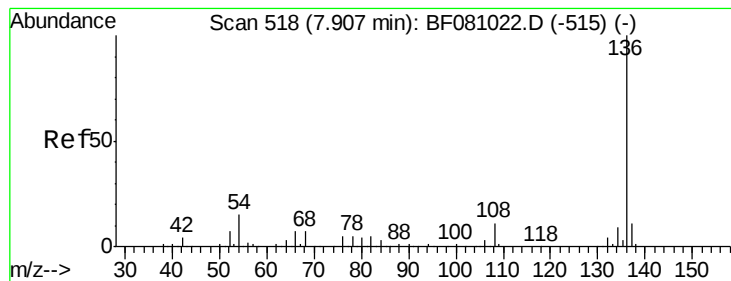
Tot Ion:117 Resp: 19743
Ion Ratio Lower Upper
117 100
119 4.7 77.9 116.9#
201 0.0 61.3 91.9#



#19
n-Nitroso-di-n-propylamine
Concen: 14.40 ng
RT: 7.05 min Scan# 465
Delta R.T. 0.07 min
Lab File: BF081288.D
Acq: 30 Aug 2015 00:00

Tgt Ion: 70 Resp: 55218
Ion Ratio Lower Upper
70 100
42 55.5 65.0 97.4#
101 0.0 7.4 11.2#
130 1.8 13.0 19.4#

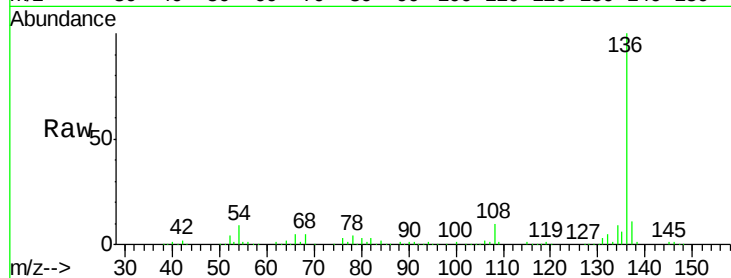




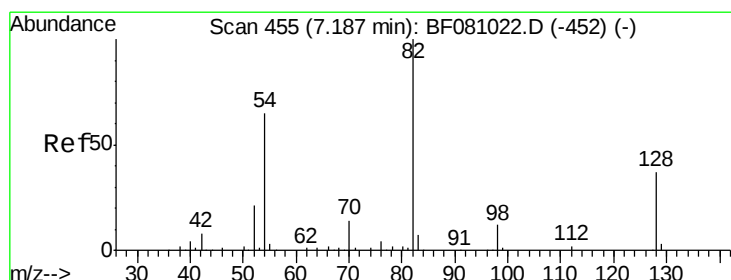
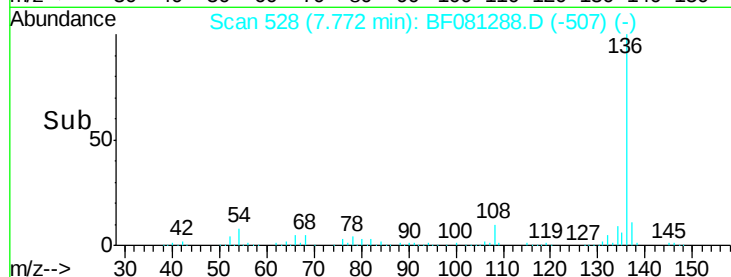
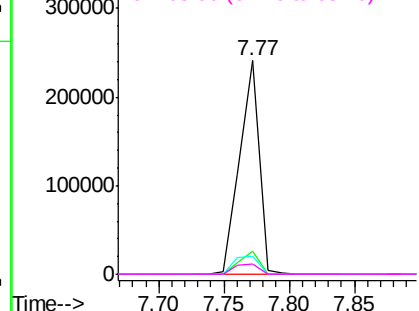
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 528
Delta R.T. -0.06 min
Lab File: BF081288.D
Acq: 30 Aug 2015 00:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	248994
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.2 12.2
54	8.6	7.7 11.5
68	5.0	3.4 5.2

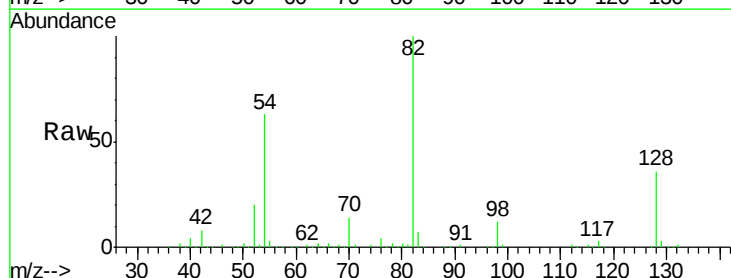


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

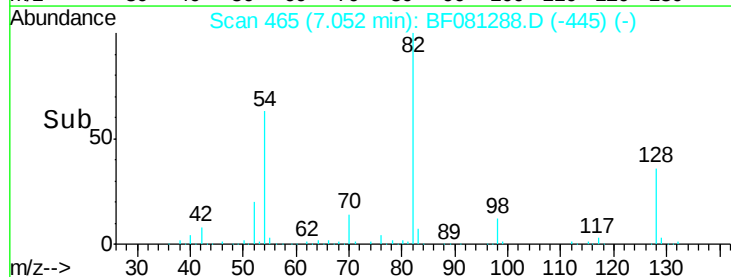
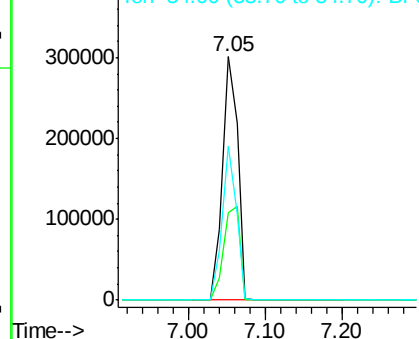


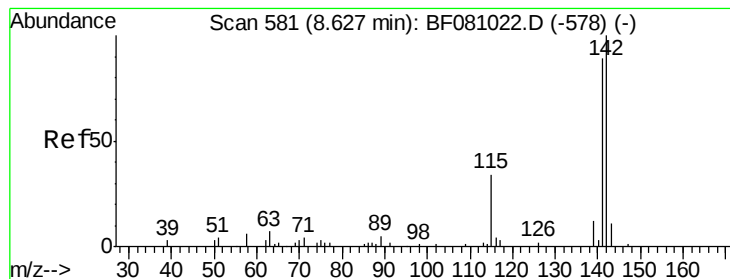
#23
Nitrobenzene-d5
Concen: 77.47 ng
RT: 7.05 min Scan# 465
Delta R.T. -0.07 min
Lab File: BF081288.D
Acq: 30 Aug 2015 00:00

Tgt Ion: 82	Resp:	422258
Ion	Ratio	Lower Upper
82	100	
128	36.1	28.6 42.8
54	63.5	55.1 82.7



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

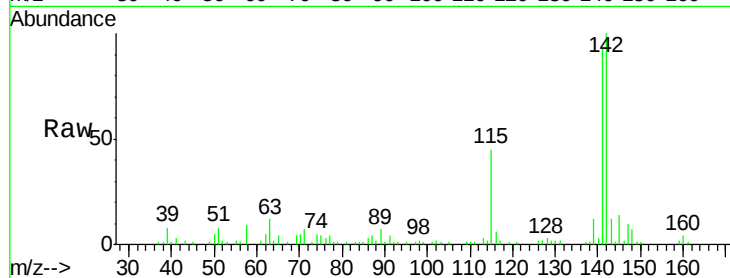




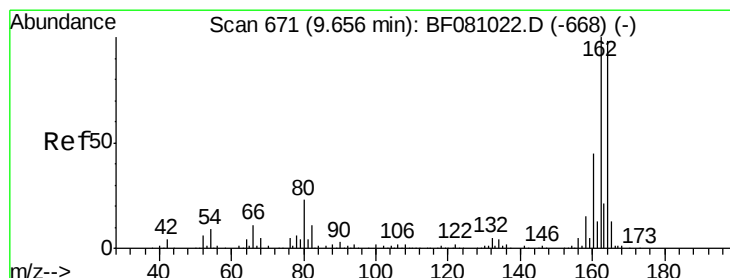
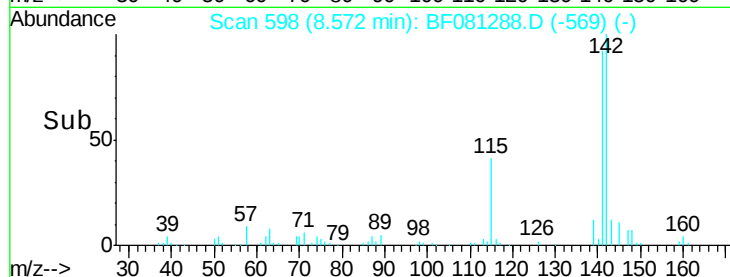
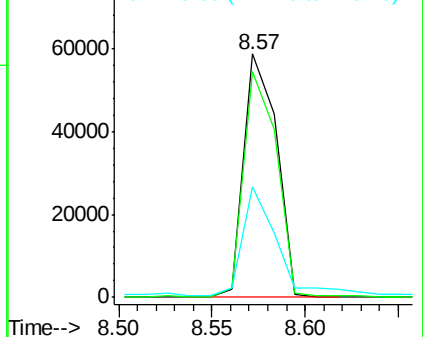
#37
2-Methylnaphthalene
Concen: 8.26 ng
RT: 8.57 min Scan# 598
Delta R.T. 0.03 min
Lab File: BF081288.D
Acq: 30 Aug 2015 00:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 72446
Ion Ratio Lower Upper
142 100
141 92.9 71.4 107.2
115 45.3 33.4 50.0

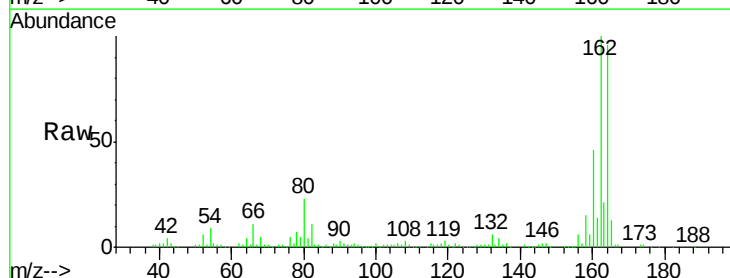


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

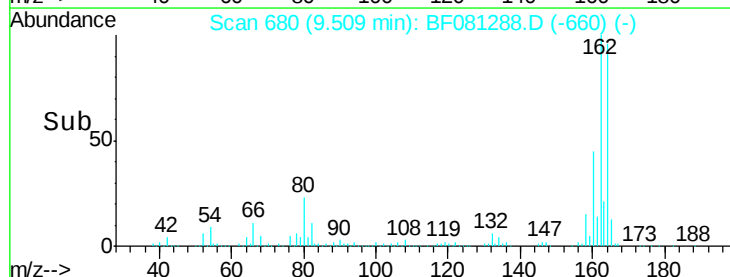
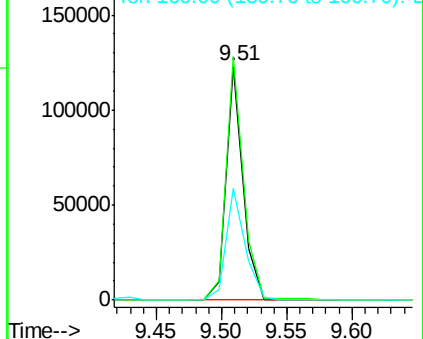


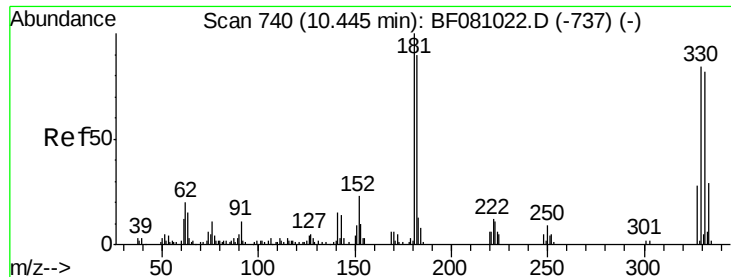
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.51 min Scan# 680
Delta R.T. -0.07 min
Lab File: BF081288.D
Acq: 30 Aug 2015 00:00

Tgt Ion:164 Resp: 110694
Ion Ratio Lower Upper
164 100
162 104.1 83.8 125.8
160 47.9 39.8 59.8



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: 111.09 ng

RT: 10.30 min Scan# 749

Delta R.T. -0.06 min

Lab File: BF081288.D

Acq: 30 Aug 2015 00:00

Instrument :

BNA_F

ClientSampleId :

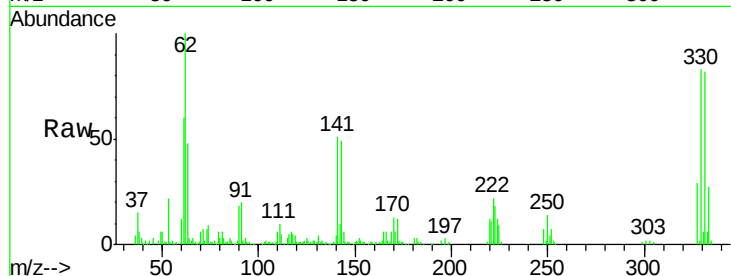
Tot Ion:330 Resp: 106598

Ion Ratio Lower Upper

330 100

332 99.5 77.3 115.9

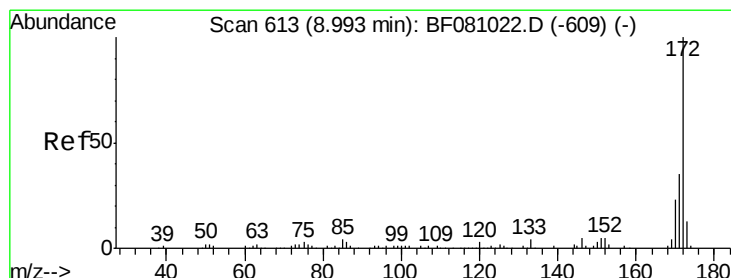
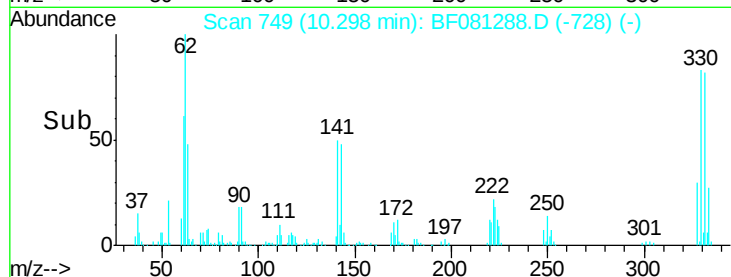
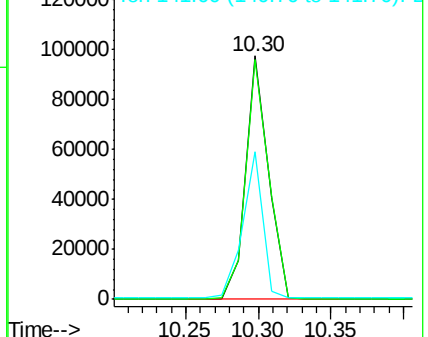
141 53.6 44.9 67.3



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: 86.93 ng

RT: 8.86 min Scan# 623

Delta R.T. -0.05 min

Lab File: BF081288.D

Acq: 30 Aug 2015 00:00

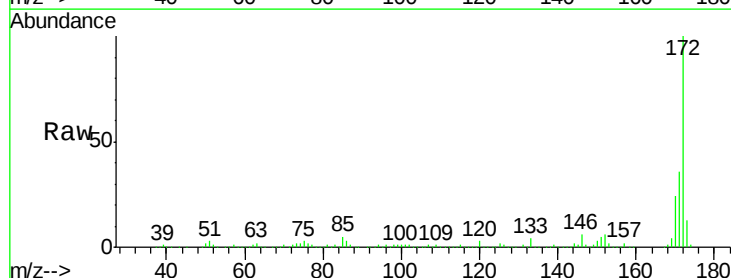
Tgt Ion:172 Resp: 734428

Ion Ratio Lower Upper

172 100

171 36.1 28.9 43.3

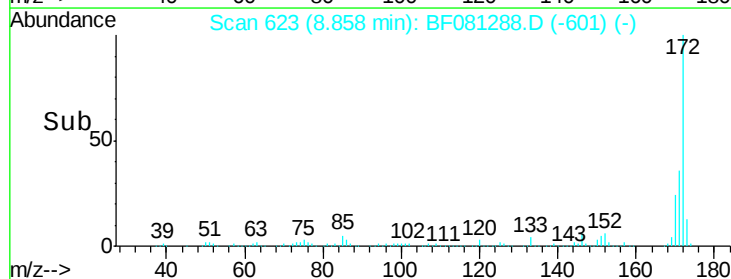
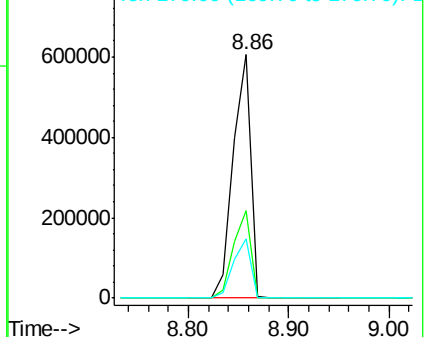
170 24.3 19.4 29.2

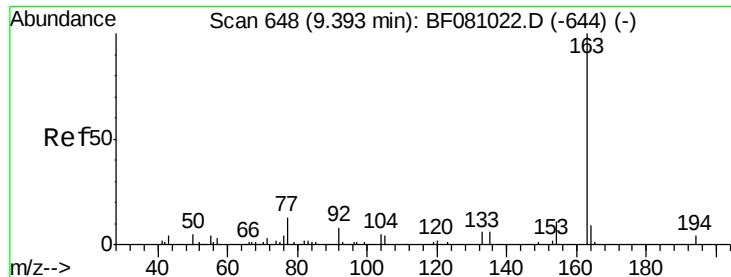


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

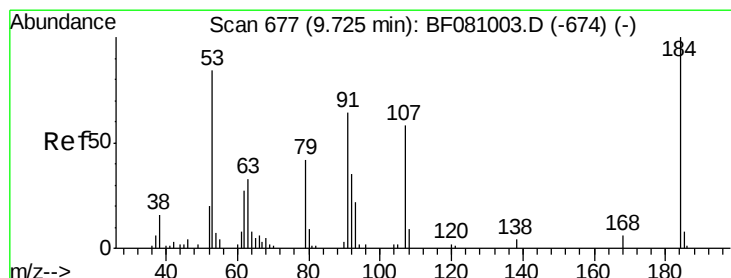
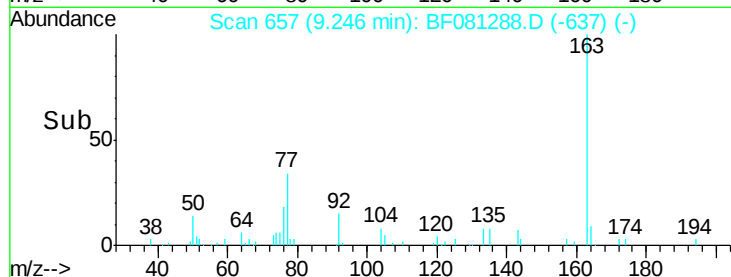
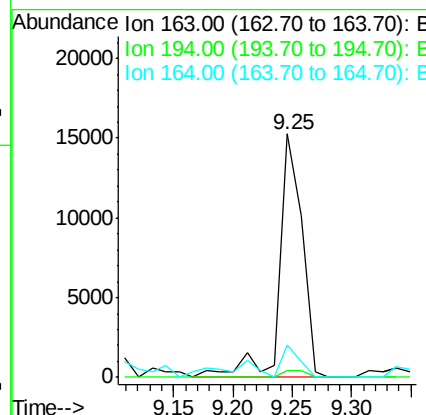
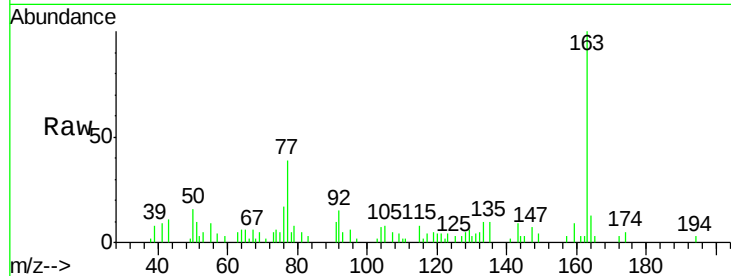




#49
Dimethylphthalate
Concen: 2.23 ng
RT: 9.25 min Scan# 657
Delta R.T. -0.07 min
Lab File: BF081288.D
Acq: 30 Aug 2015 00:00

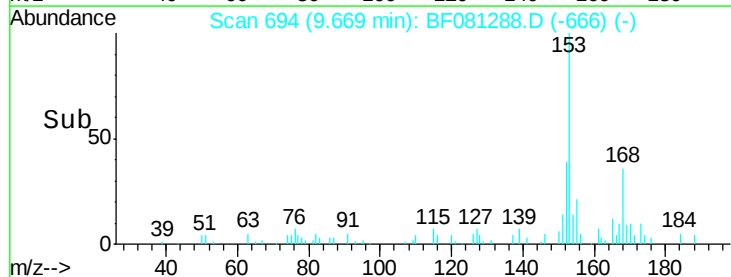
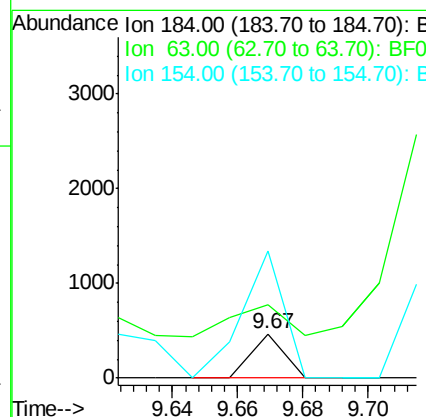
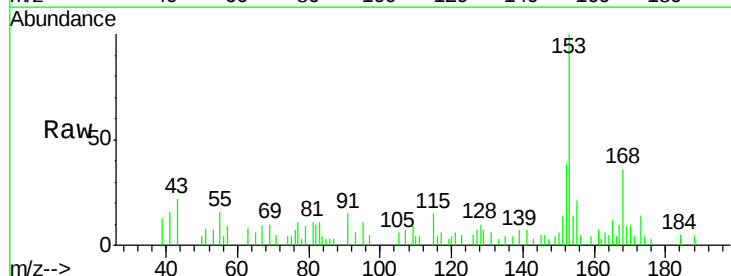
Instrument :
BNA_F
ClientSampleId :

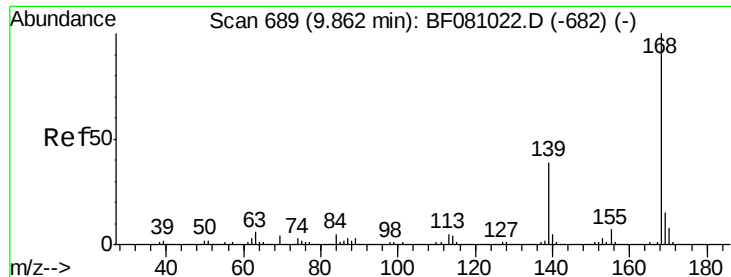
Tot Ion:163 Resp: 20289
Ion Ratio Lower Upper
163 100
194 2.9 2.5 3.7
164 13.2 8.1 12.1#



#53
2,4-Dinitrophenol
Concen: 3.00 ng
RT: 9.67 min Scan# 694
Delta R.T. 0.02 min
Lab File: BF081288.D
Acq: 30 Aug 2015 00:00

Tgt Ion:184 Resp: 318
Ion Ratio Lower Upper
184 100
63 165.9 101.7 152.5#
154 290.1 67.4 101.0#

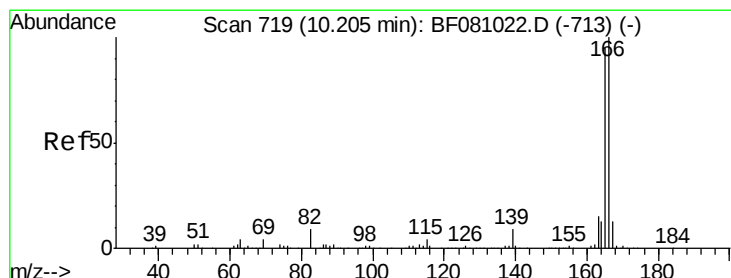
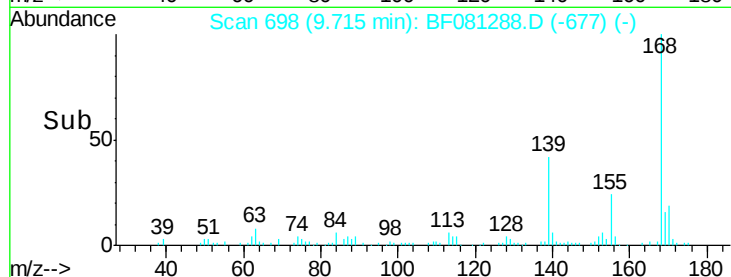
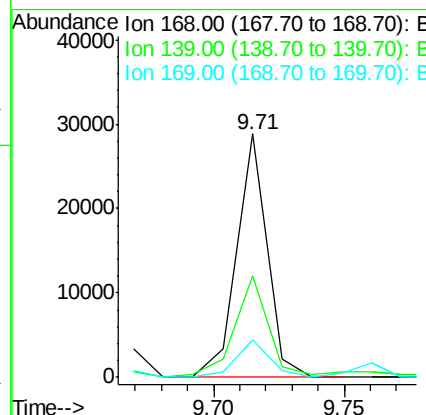
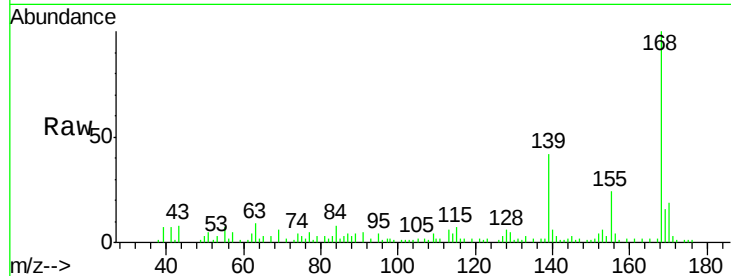




#54
Dibenzenofuran
Concen: 2.10 ng
RT: 9.71 min Scan# 698
Delta R.T. -0.06 min
Lab File: BF081288.D
Acq: 30 Aug 2015 00:00

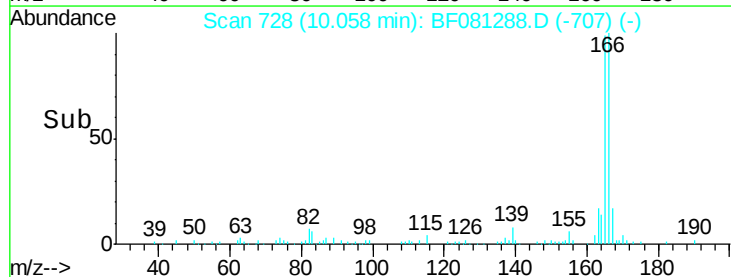
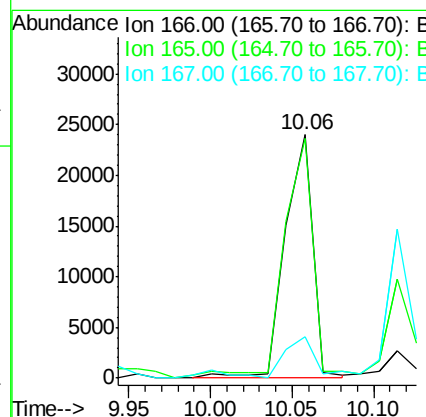
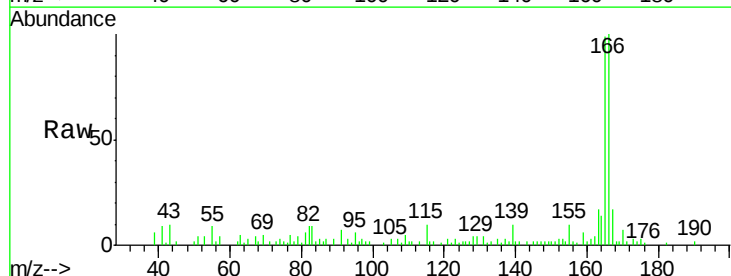
Instrument :
BNA_F
ClientSampleId :

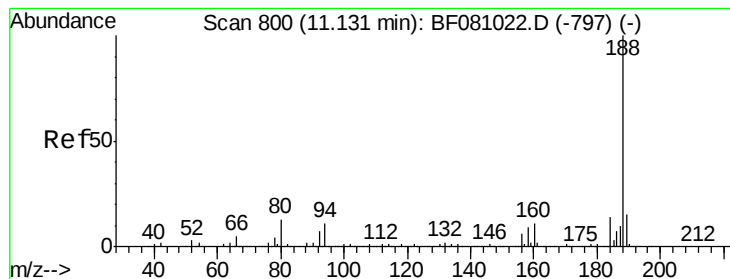
Tot Ion	Ratio	Lower	Upper
168	100		
139	41.7	29.3	43.9
169	15.6	10.3	15.5#



#57
Fluorene
Concen: 3.30 ng
RT: 10.06 min Scan# 728
Delta R.T. -0.06 min
Lab File: BF081288.D
Acq: 30 Aug 2015 00:00

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	75.8	113.8
167	17.2	11.3	16.9#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.98 min Scan# 809

Delta R.T. -0.06 min

Lab File: BF081288.D

Acq: 30 Aug 2015 00:00

Instrument :

BNA_F

ClientSampleId :

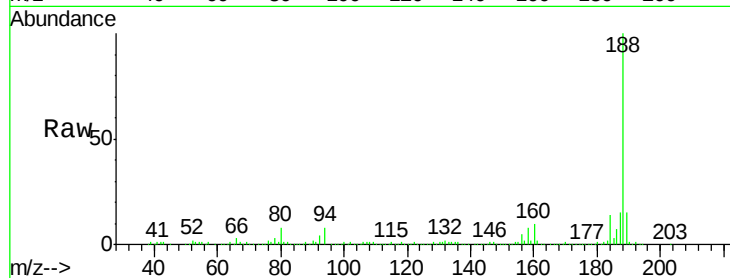
Tot Ion:188 Resp: 236785

Ion Ratio Lower Upper

188 100

94 8.2 8.2 12.2

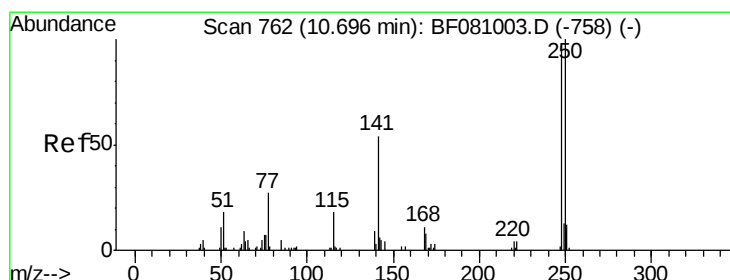
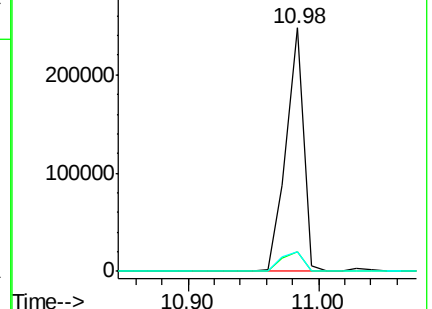
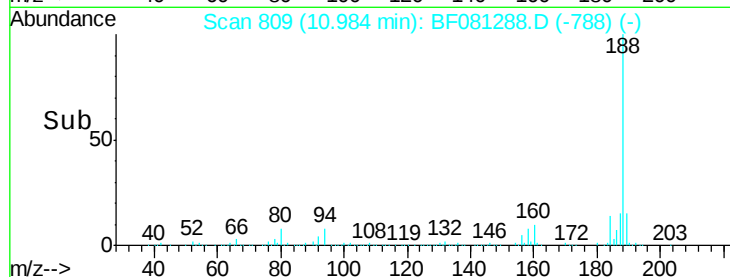
80 8.3 9.5 14.3#



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: 3.38 ng

RT: 10.30 min Scan# 749

Delta R.T. -0.30 min

Lab File: BF081288.D

Acq: 30 Aug 2015 00:00

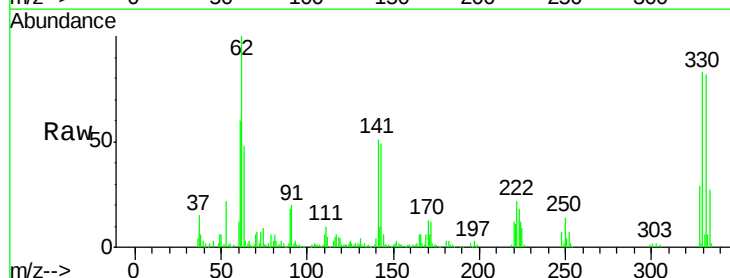
Tgt Ion:248 Resp: 7855

Ion Ratio Lower Upper

248 100

250 204.5 77.8 116.6#

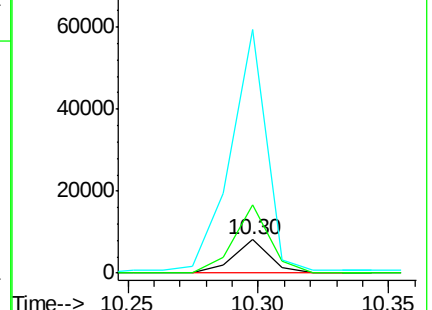
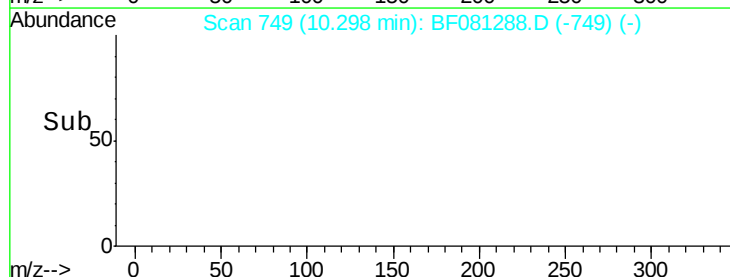
141 728.0 39.8 59.6#

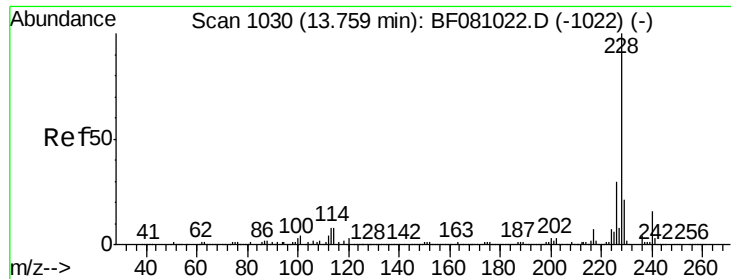


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.59 min Scan# 1037

Delta R.T. -0.07 min

Lab File: BF081288.D

Acq: 30 Aug 2015 00:00

Instrument :

BNA_F

ClientSampleId :

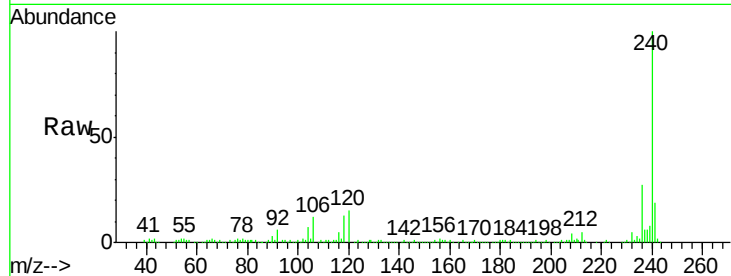
Tot Ion:240 Resp: 169048

Ion Ratio Lower Upper

240 100

120 15.2 5.6 8.4#

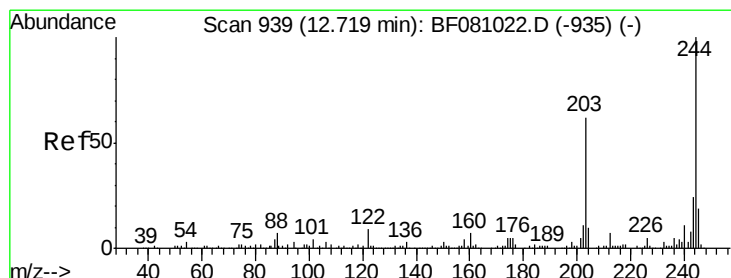
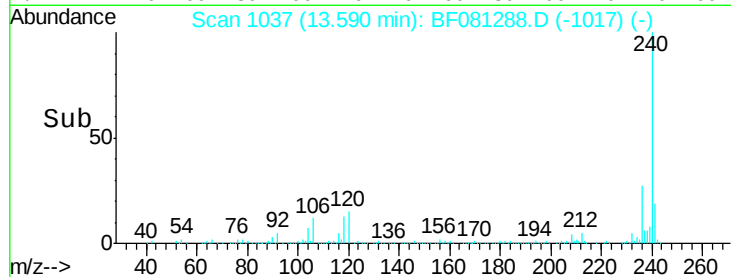
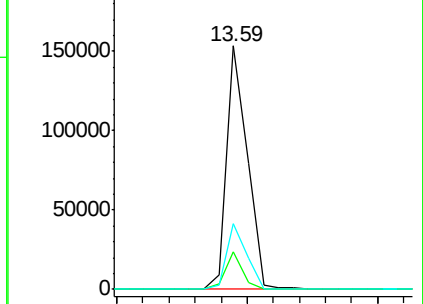
236 26.9 20.6 30.8



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: 79.35 ng

RT: 12.57 min Scan# 948

Delta R.T. -0.06 min

Lab File: BF081288.D

Acq: 30 Aug 2015 00:00

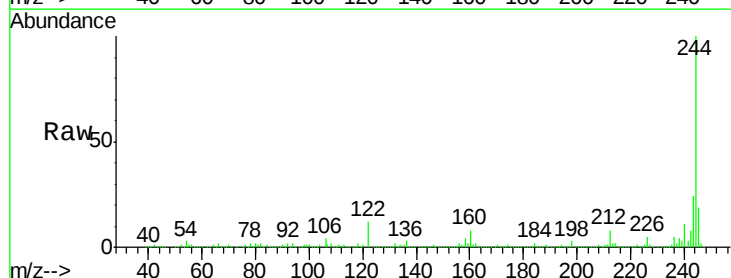
Tgt Ion:244 Resp: 625713

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

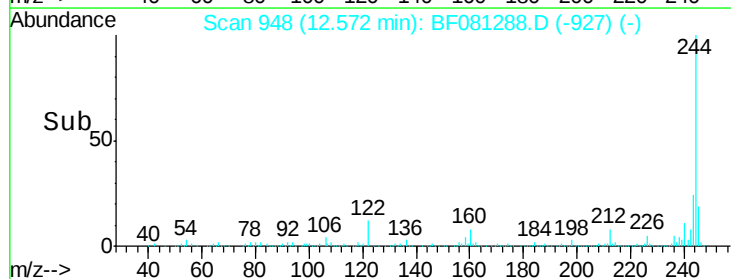
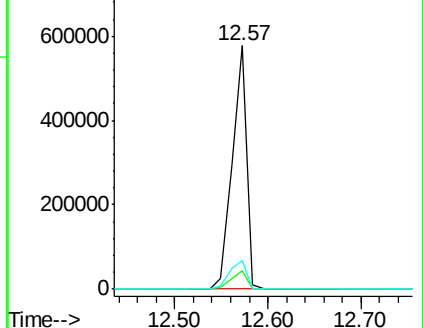
122 11.9 8.2 12.4

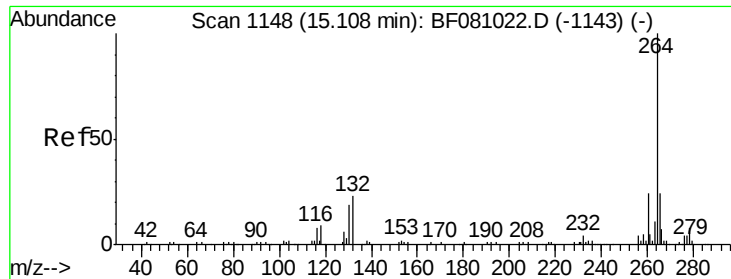


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

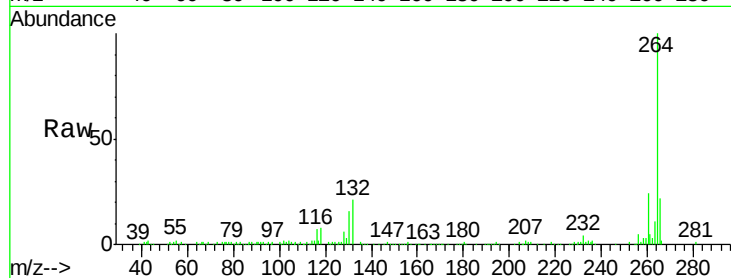




#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.92 min Scan# 1153
Delta R.T. -0.07 min
Lab File: BF081288.D
Acq: 30 Aug 2015 00:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.6	29.4
265	22.1	17.5	26.3



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

