

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082515\
 Data File : BF081208.D
 Acq On : 25 Aug 2015 20:06
 Operator : UM/IZ
 Sample : G3407-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 26 00:09:09 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

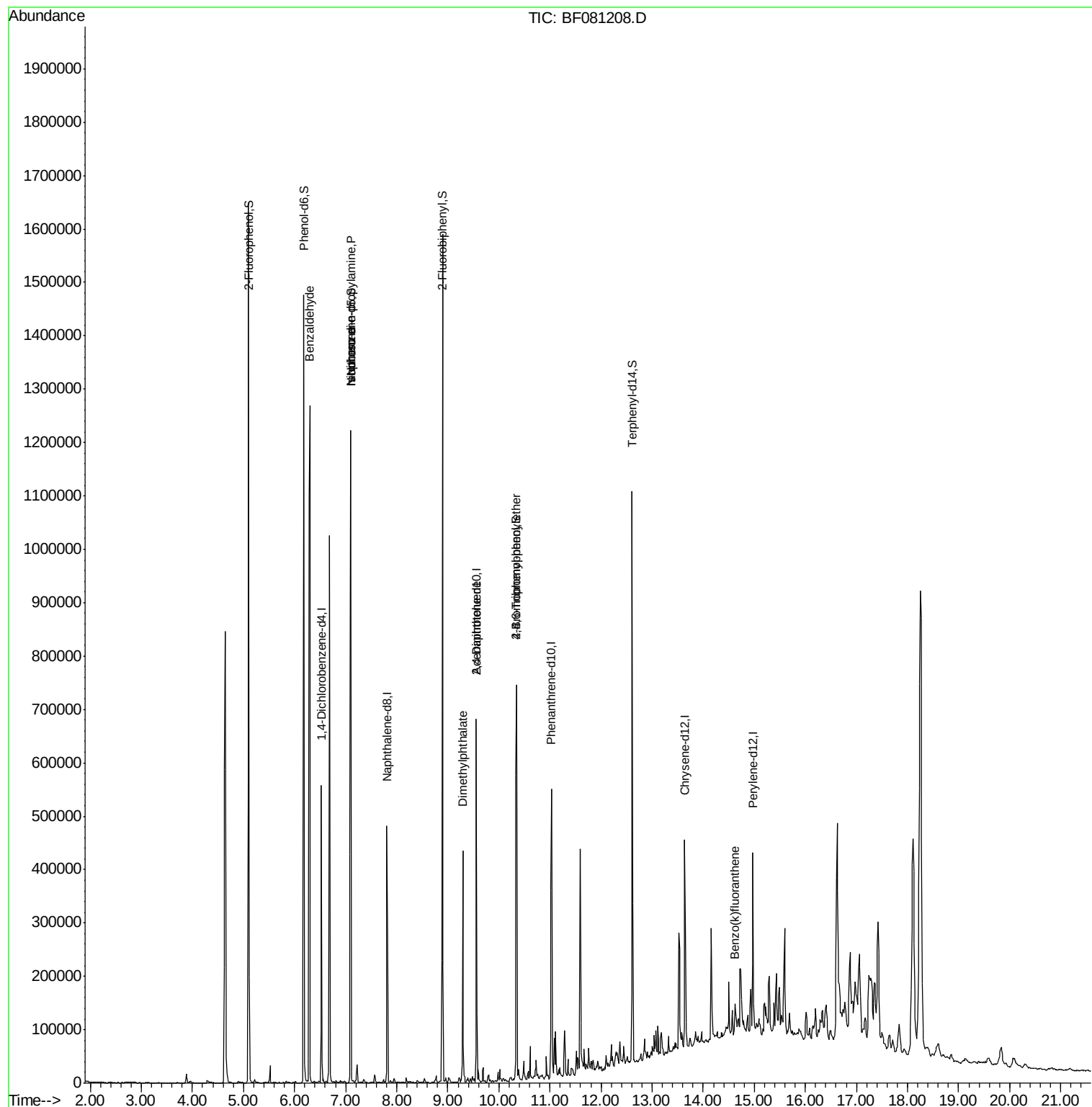
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.53	152	74307	20.00	ng	-0.01
21) Naphthalene-d8	7.81	136	258336	20.00	ng	-0.02
38) Acenaphthene-d10	9.56	164	120628	20.00	ng	-0.02
63) Phenanthrene-d10	11.03	188	231041	20.00	ng	-0.01
75) Chrysene-d12	13.64	240	145887	20.00	ng	-0.02
86) Perylene-d12	14.97	264	123306	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	417297	84.47	ng	0.00
7) Phenol-d6	6.18	99	633103	98.22	ng	-0.01
23) Nitrobenzene-d5	7.10	82	387662	68.55	ng	-0.02
41) 2,4,6-Tribromophenol	10.34	330	91606	87.61	ng	-0.01
44) 2-Fluorobiphenyl	8.89	172	450325	48.91	ng	-0.01
78) Terphenyl-d14	12.61	244	315242	46.33	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.30	77	11379	2.74	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.10	70	52517	11.76	ng	# 68
25) Isophorone	7.10	82	289518	27.45	ng	# 71
49) Dimethylphthalate	9.29	163	147102	14.81	ng	100
56) 2,4-Dinitrotoluene	9.56	165	15429	5.46	ng	# 17
66) 4-Bromophenyl-phenylether	10.34	248	7424	3.27	ng	# 1
88) Benzo(k)fluoranthene	14.62	252	16424	2.02	ng	# 86

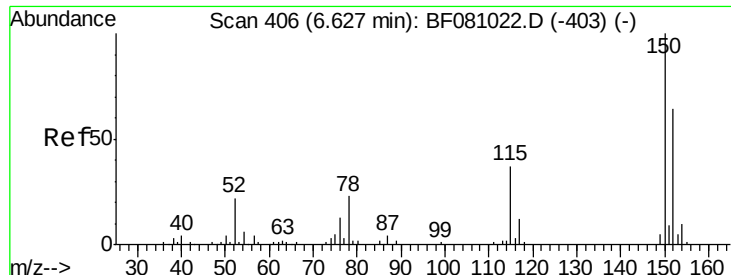
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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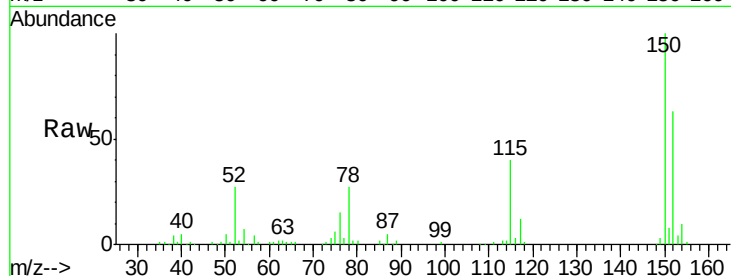


#1

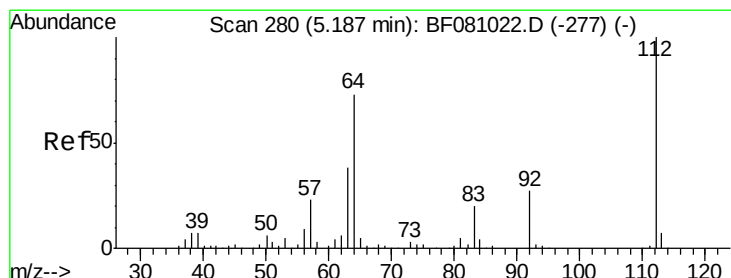
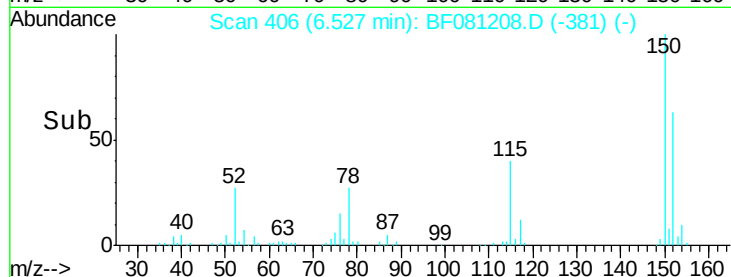
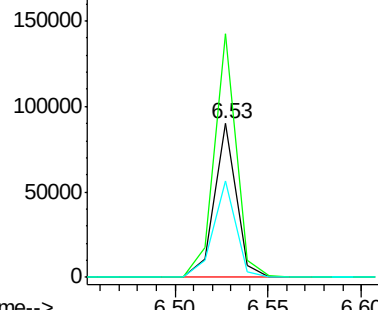
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.53 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF081208.D
Acq: 25 Aug 2015 20:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	123.8	185.6
115	62.7	52.1	78.1



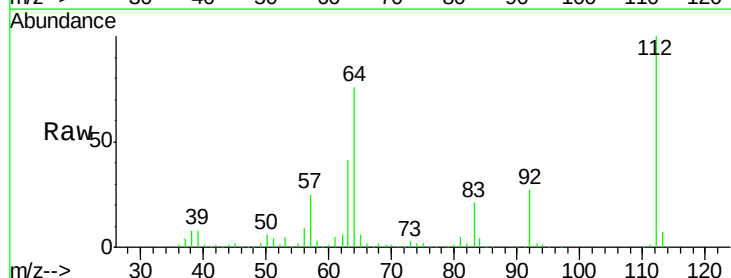
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



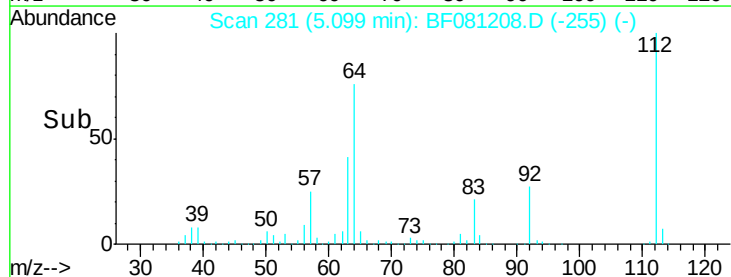
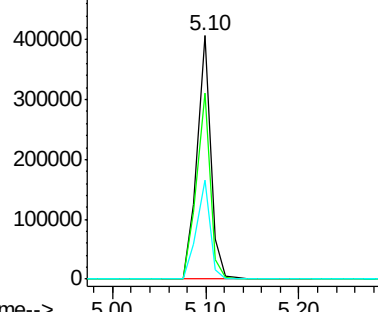
#5

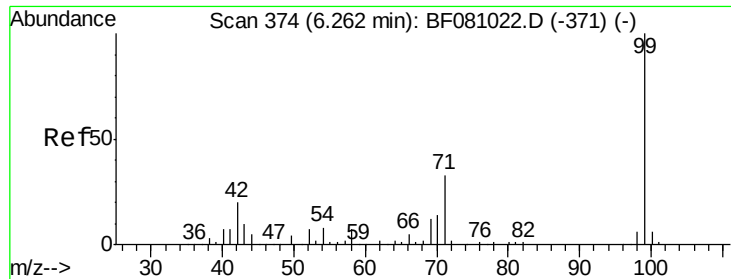
2-Fluorophenol
Concen: 84.47 ng
RT: 5.10 min Scan# 281
Delta R.T. -0.00 min
Lab File: BF081208.D
Acq: 25 Aug 2015 20:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.4	66.9	100.3
63	40.8	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: 98.22 ng

RT: 6.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF081208.D

Acq: 25 Aug 2015 20:06

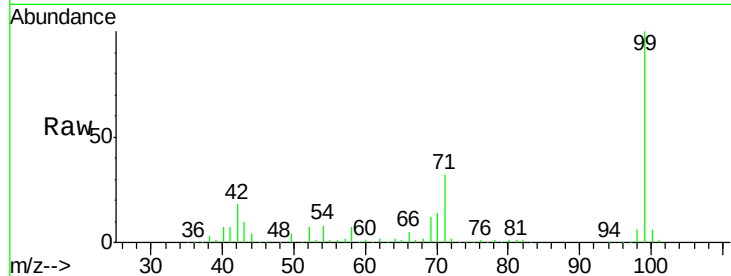
Instrument :

BNA_F

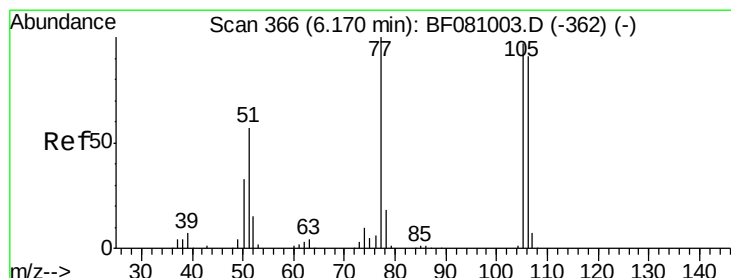
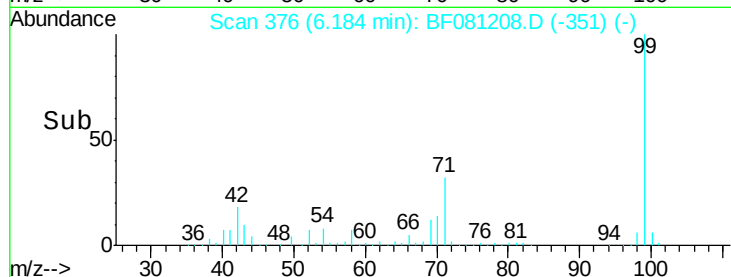
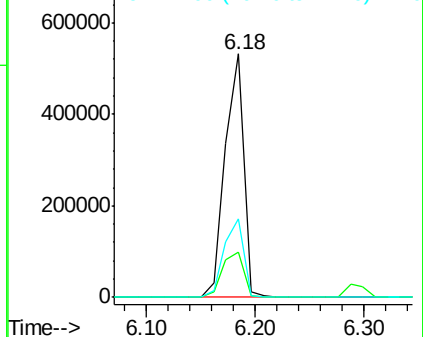
ClientSampleId :

Tot Ion: 99 Resp: 633103

Ion	Ratio	Lower	Upper
99	100		
42	18.5	19.6	29.4#
71	32.3	31.2	46.8



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



#9

Benzaldehyde

Concen: 2.74 ng

RT: 6.30 min Scan# 386

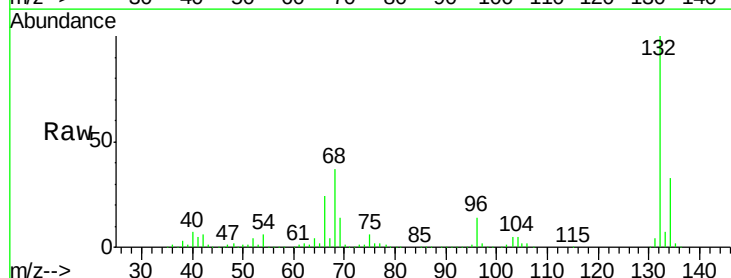
Delta R.T. 0.22 min

Lab File: BF081208.D

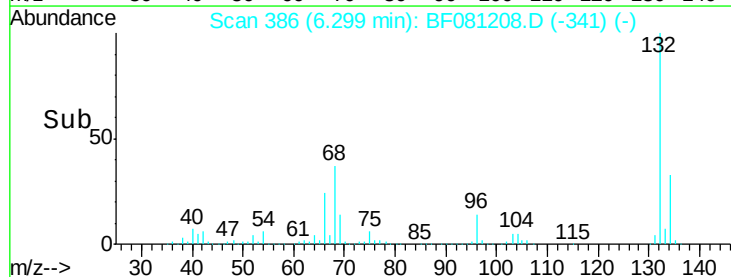
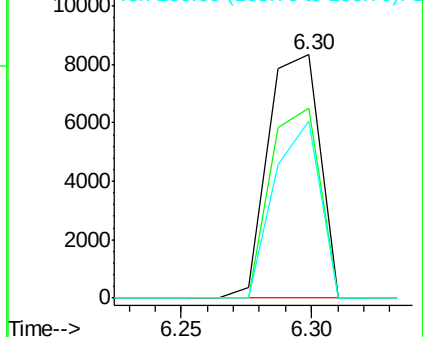
Acq: 25 Aug 2015 20:06

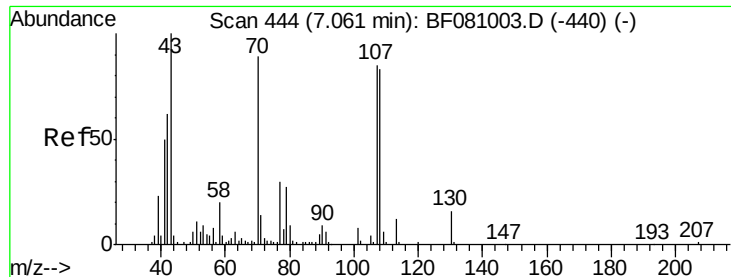
Tgt Ion: 77 Resp: 11379

Ion	Ratio	Lower	Upper
77	100		
105	78.1	69.6	109.6
106	72.7	64.0	104.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

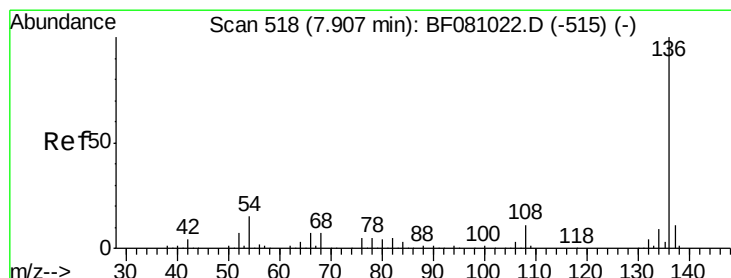
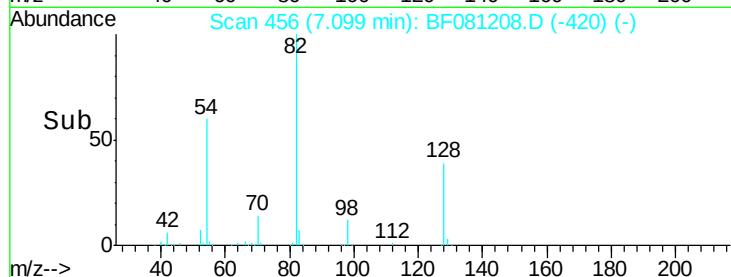
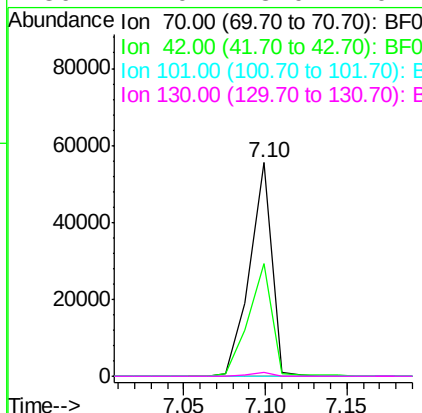
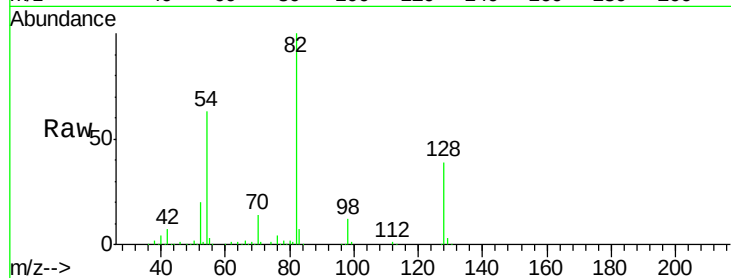




#19
n-Nitroso-di-n-propylamine
Concen: 11.76 ng
RT: 7.10 min Scan# 456
Delta R.T. 0.11 min
Lab File: BF081208.D
Acq: 25 Aug 2015 20:06

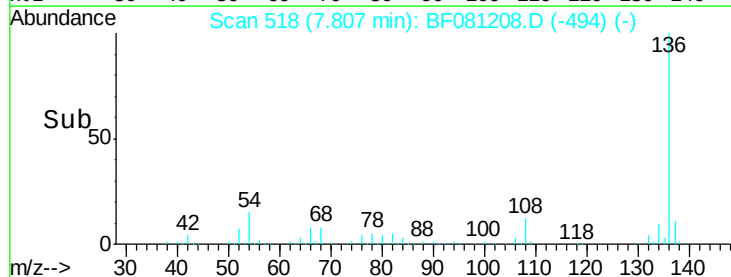
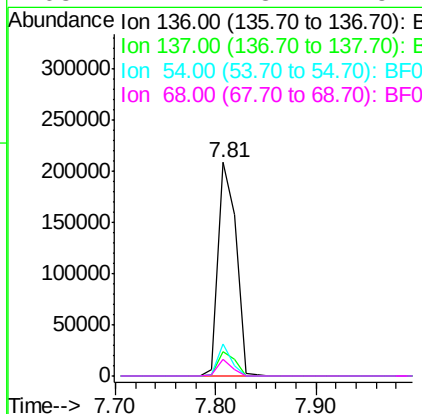
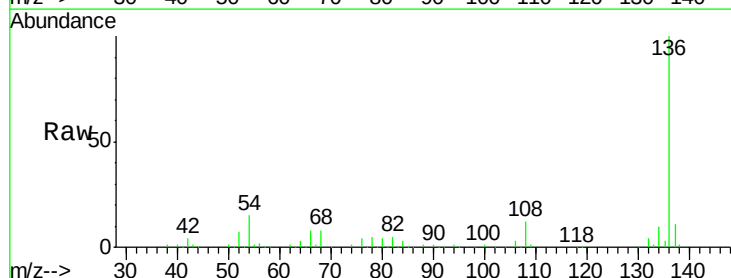
Instrument :
BNA_F
ClientSampleId :

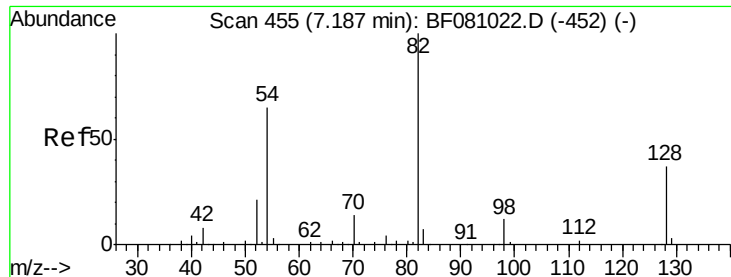
Tot Ion: 70 Resp: 52517
Ion Ratio Lower Upper
70 100
42 52.8 65.0 97.4#
101 0.0 7.4 11.2#
130 2.0 13.0 19.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 518
Delta R.T. -0.02 min
Lab File: BF081208.D
Acq: 25 Aug 2015 20:06

Tgt Ion: 136 Resp: 258336
Ion Ratio Lower Upper
136 100
137 11.3 8.2 12.2
54 14.9 7.7 11.5#
68 7.7 3.4 5.2#

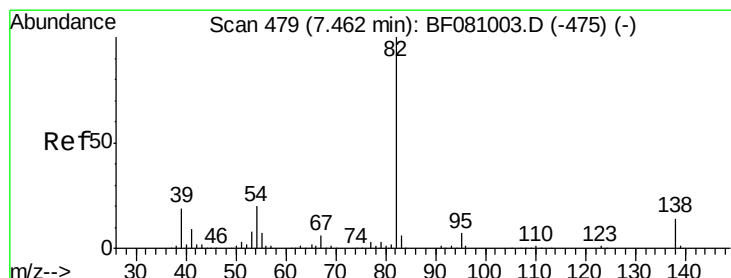
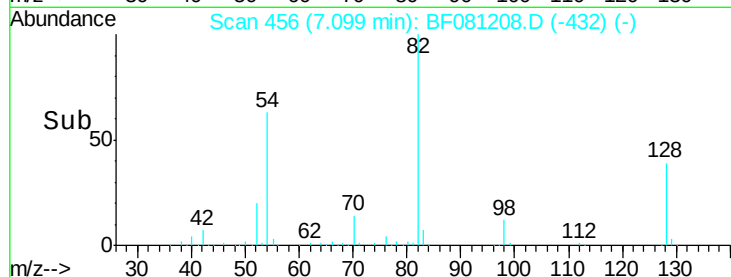
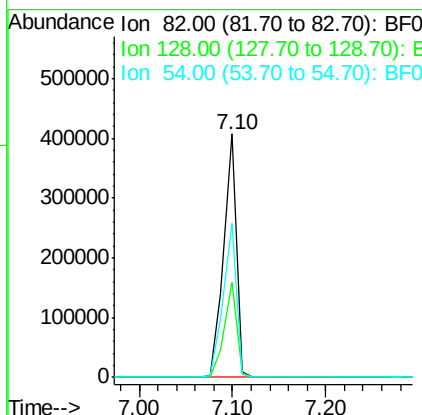
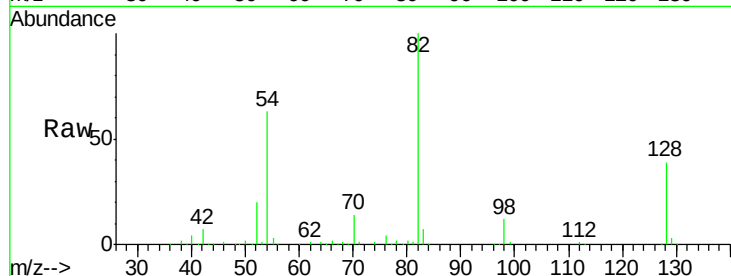




#23
 Nitrobenzene-d5
 Concen: 68.55 ng
 RT: 7.10 min Scan# 456
 Delta R.T. -0.02 min
 Lab File: BF081208.D
 Acq: 25 Aug 2015 20:06

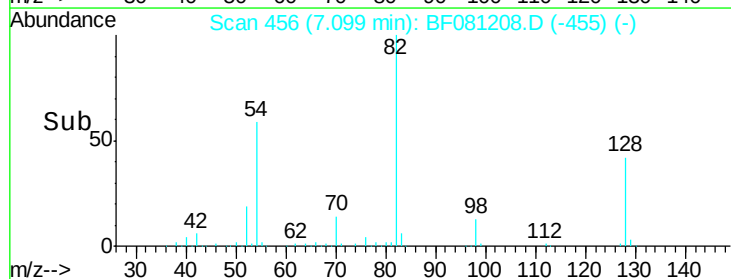
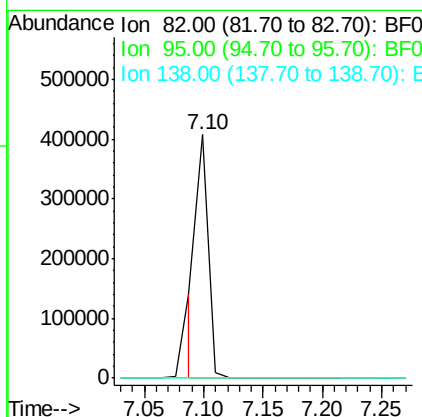
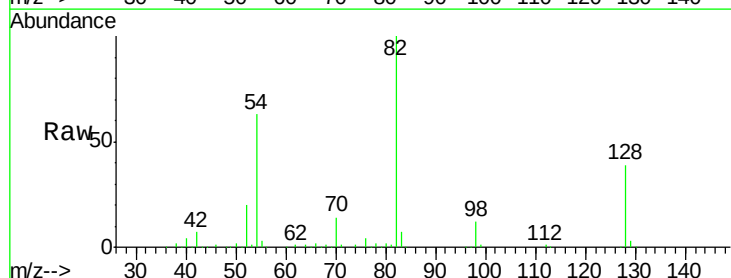
Instrument :
 BNA_F
 ClientSampleId :

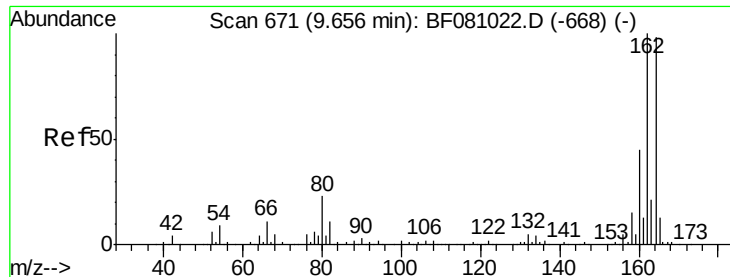
Tot Ion	82	Resp	387662
Ion Ratio	Lower	Upper	
82	100		
128	38.9	28.6	42.8
54	63.0	55.1	82.7



#25
 Isophorone
 Concen: 27.45 ng
 RT: 7.10 min Scan# 456
 Delta R.T. -0.29 min
 Lab File: BF081208.D
 Acq: 25 Aug 2015 20:06

Tgt Ion	82	Resp	289518
Ion Ratio	Lower	Upper	
82	100		
95	0.0	6.2	9.2#
138	0.0	10.5	15.7#

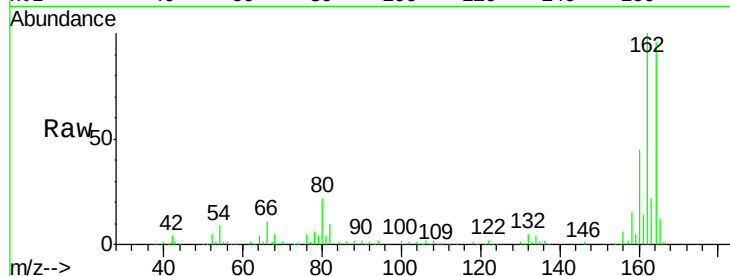




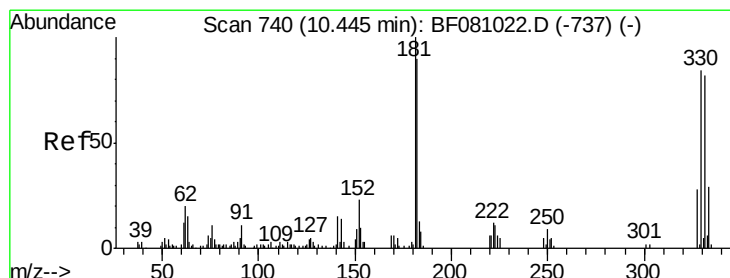
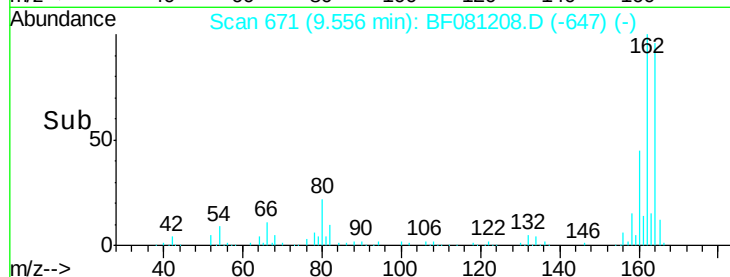
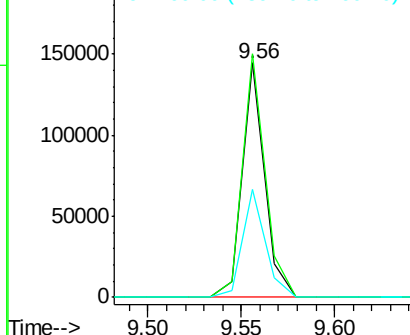
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 671
 Delta R.T. -0.02 min
 Lab File: BF081208.D
 Acq: 25 Aug 2015 20:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	83.8	125.8
160	46.2	39.8	59.8

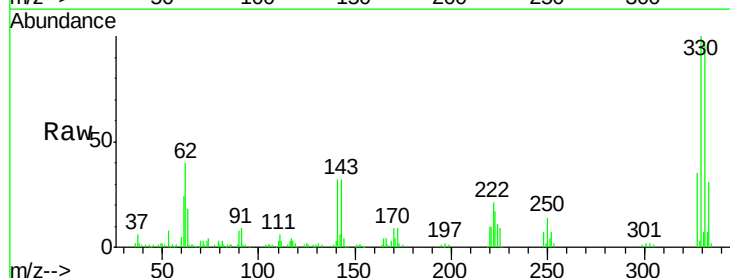


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

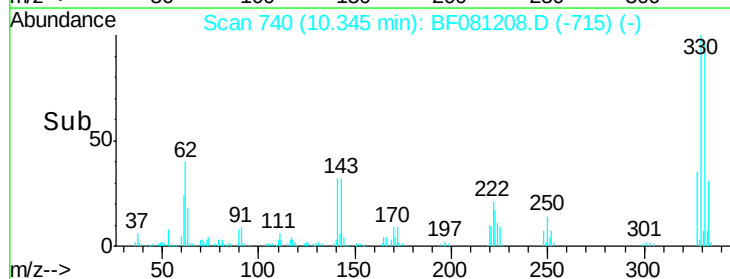
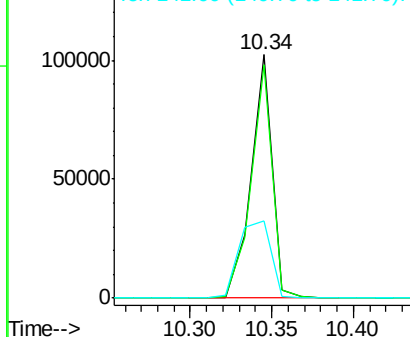


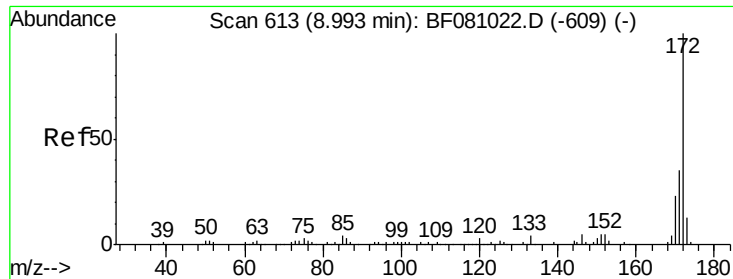
#41
 2,4,6-Tribromophenol
 Concen: 87.61 ng
 RT: 10.34 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF081208.D
 Acq: 25 Aug 2015 20:06

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.3	115.9
141	48.3	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

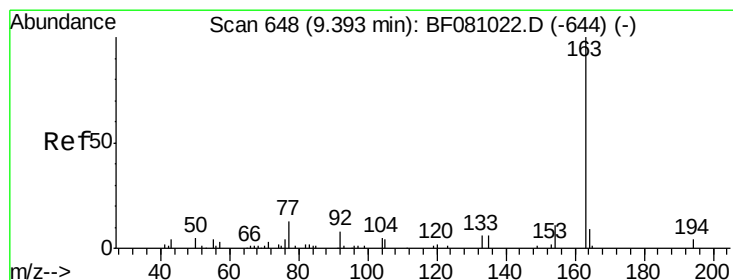
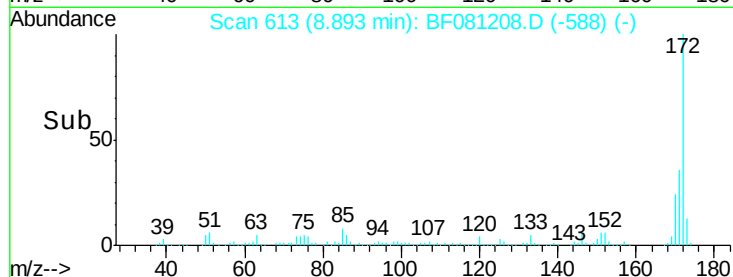
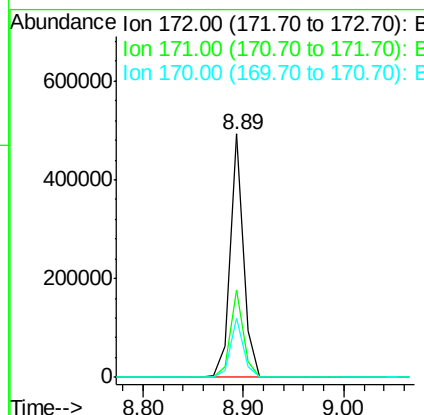
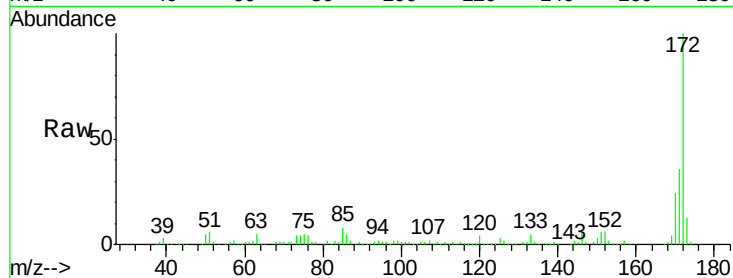




#44
2-Fluorobiphenyl
Concen: 48.91 ng
RT: 8.89 min Scan# 613
Delta R.T. -0.01 min
Lab File: BF081208.D
Acq: 25 Aug 2015 20:06

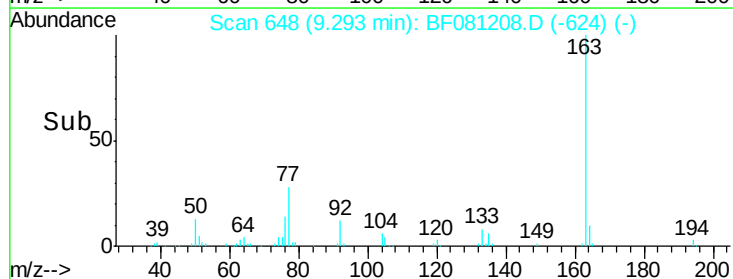
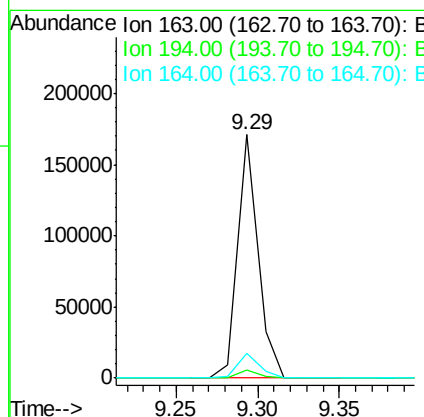
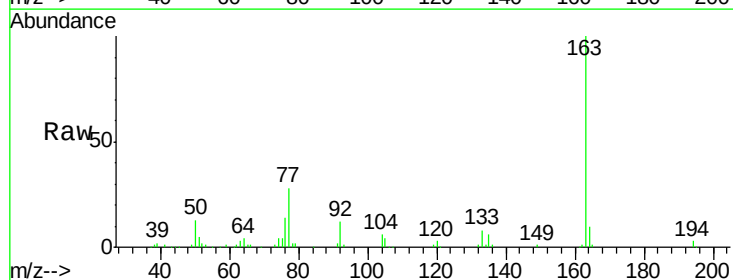
Instrument :
BNA_F
ClientSampleId :

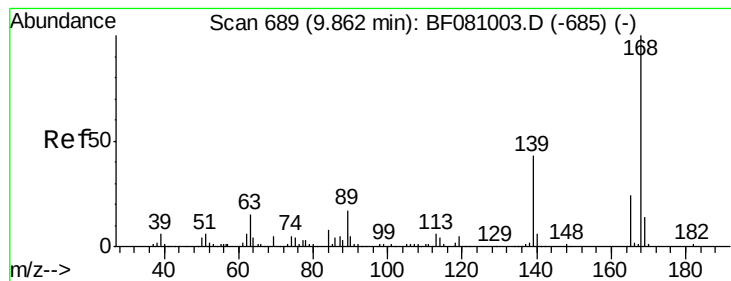
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.9	43.3
170	24.2	19.4	29.2



#49
Dimethylphthalate
Concen: 14.81 ng
RT: 9.29 min Scan# 648
Delta R.T. -0.02 min
Lab File: BF081208.D
Acq: 25 Aug 2015 20:06

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.5	3.7
164	10.0	8.1	12.1





#56

2,4-Dinitrotoluene

Concen: 5.46 ng

RT: 9.56 min Scan# 671

Delta R.T. -0.22 min

Lab File: BF081208.D

Acq: 25 Aug 2015 20:06

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 15429

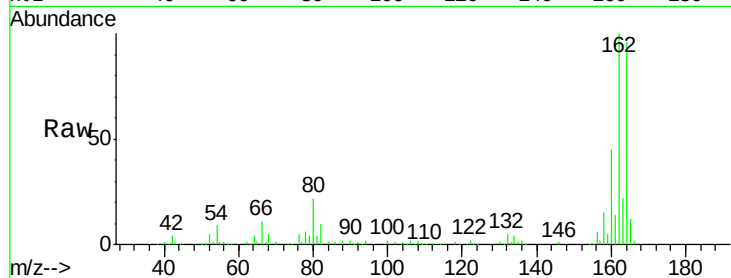
Ion Ratio Lower Upper

165 100

63 2.1 52.2 78.4#

89 0.0 60.1 90.1#

182 0.0 1.8 2.6#

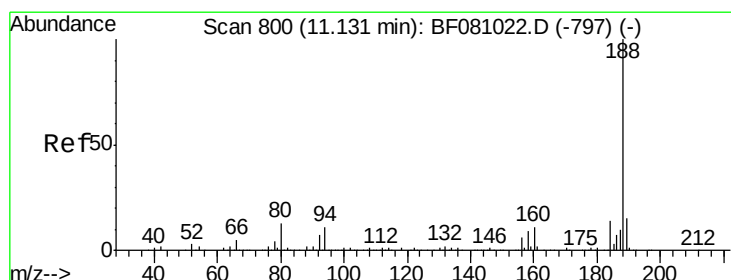
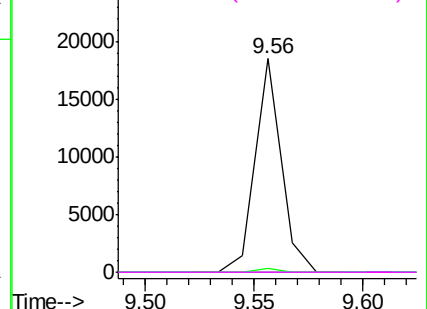
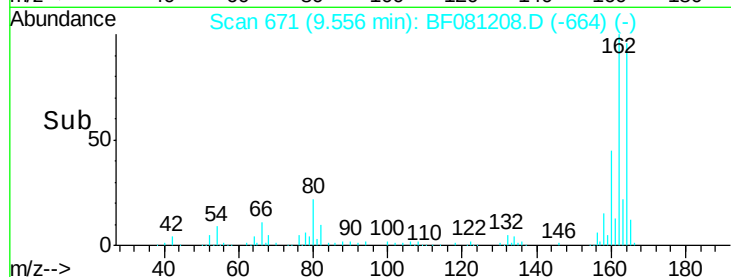


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.03 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF081208.D

Acq: 25 Aug 2015 20:06

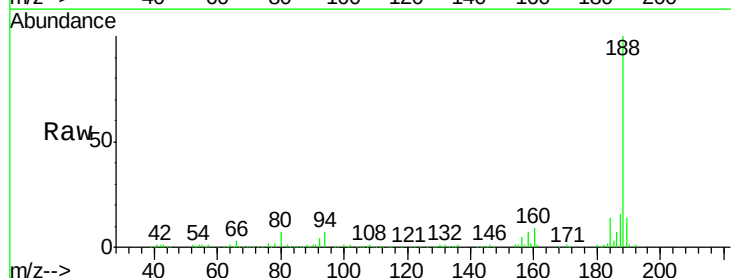
Tgt Ion:188 Resp: 231041

Ion Ratio Lower Upper

188 100

94 6.7 8.2 12.2#

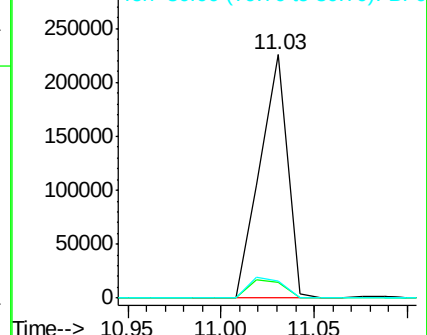
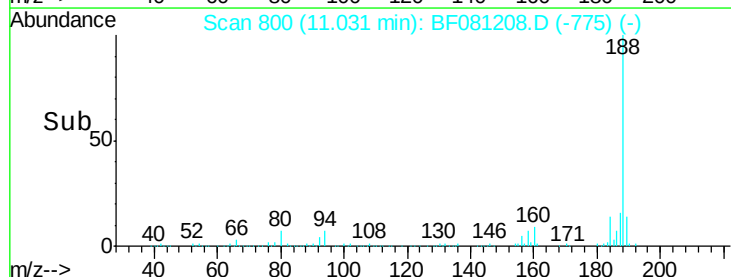
80 7.1 9.5 14.3#

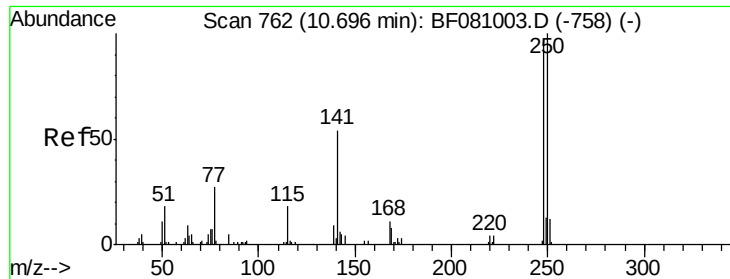


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.27 ng

RT: 10.34 min Scan# 740

Delta R.T. -0.25 min

Lab File: BF081208.D

Acq: 25 Aug 2015 20:06

Instrument :

BNA_F

ClientSampled :

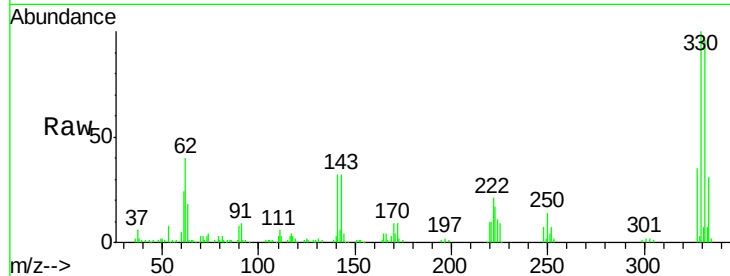
Tot Ion:248 Resp: 7424

Ion Ratio Lower Upper

248 100

250 189.2 77.8 116.6#

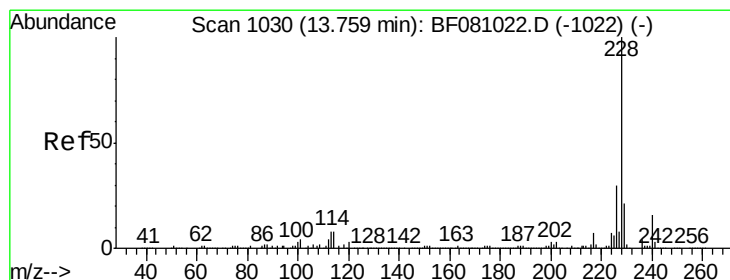
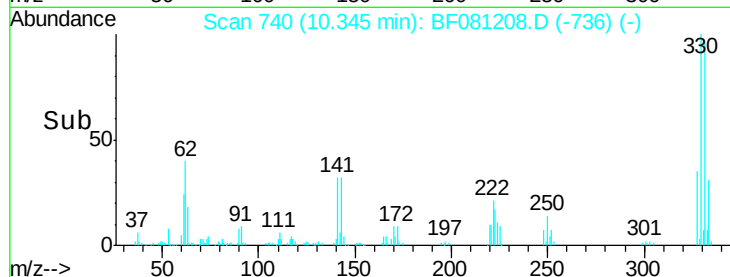
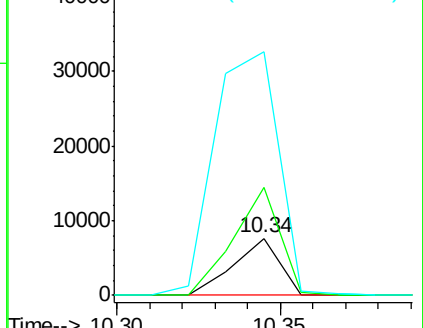
141 428.4 39.8 59.6#



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

Chrysene-d12

Concen: 20.00 ng

RT: 13.64 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BF081208.D

Acq: 25 Aug 2015 20:06

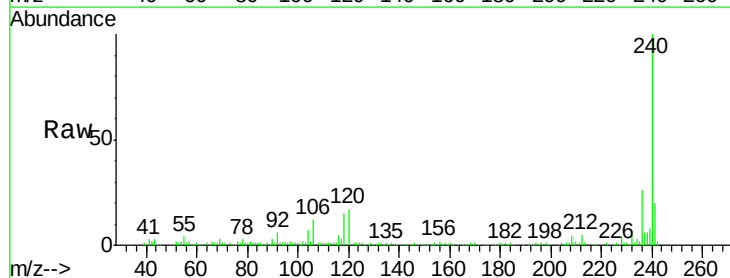
Tgt Ion:240 Resp: 145887

Ion Ratio Lower Upper

240 100

120 16.8 5.6 8.4#

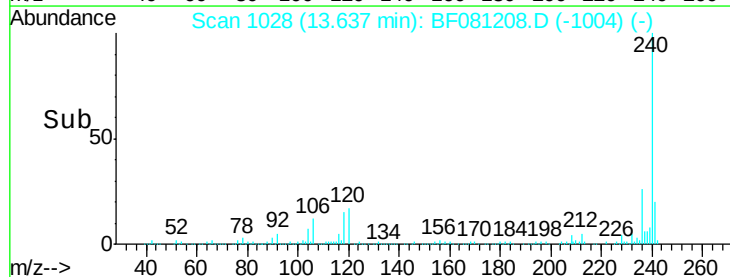
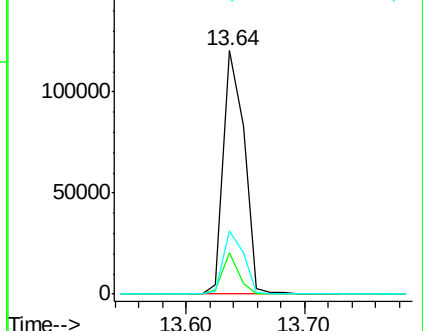
236 26.1 20.6 30.8

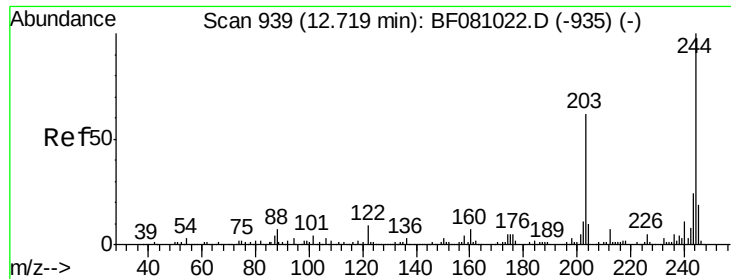


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

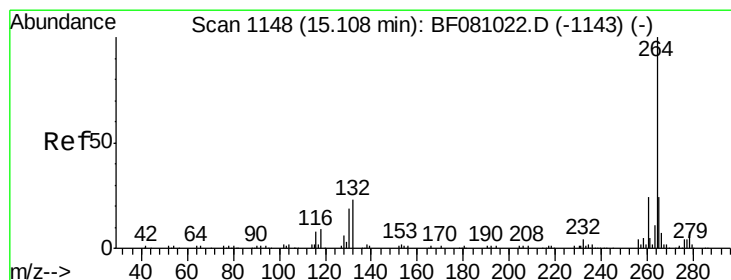
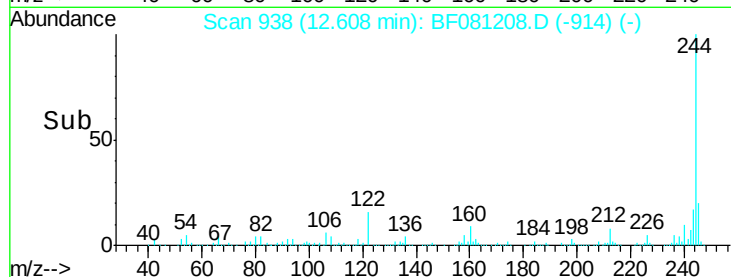
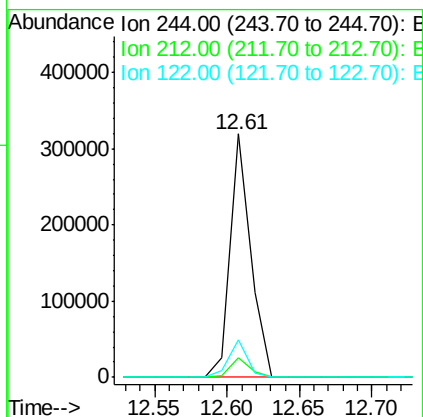
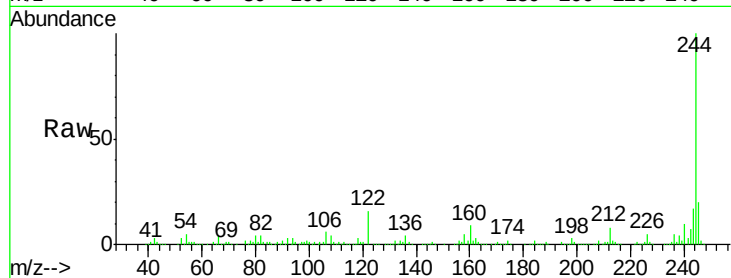




#78
 Terphenyl-d14
 Concen: 46.33 ng
 RT: 12.61 min Scan# 938
 Delta R.T. -0.02 min
 Lab File: BF081208.D
 Acq: 25 Aug 2015 20:06

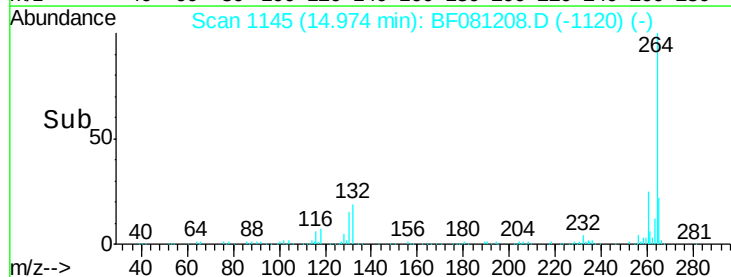
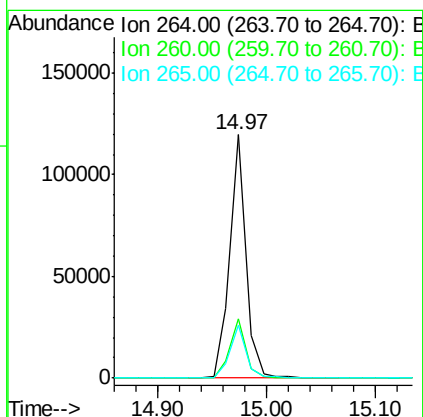
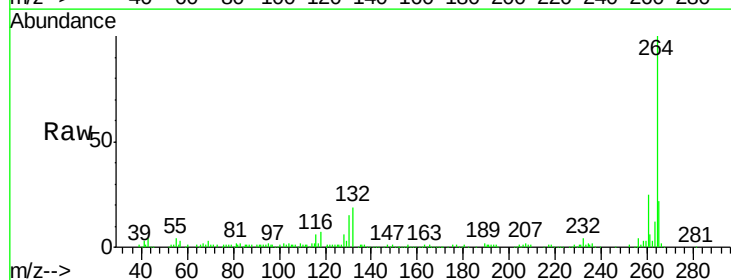
Instrument :
 BNA_F
 ClientSampleId :

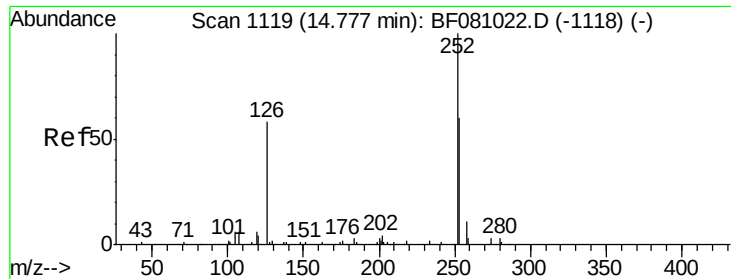
Tot Ion:244 Resp: 315242
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.8 8.8
 122 15.6 8.2 12.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.97 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BF081208.D
 Acq: 25 Aug 2015 20:06

Tgt Ion:264 Resp: 123306
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.6 29.4
 265 21.6 17.5 26.3





#88

Benzo(k)fluoranthene

Concen: 2.02 ng

RT: 14.62 min Scan# 1114

Delta R.T. -0.05 min

Lab File: BF081208.D

Acq: 25 Aug 2015 20:06

Instrument :

BNA_F

ClientSampleId :

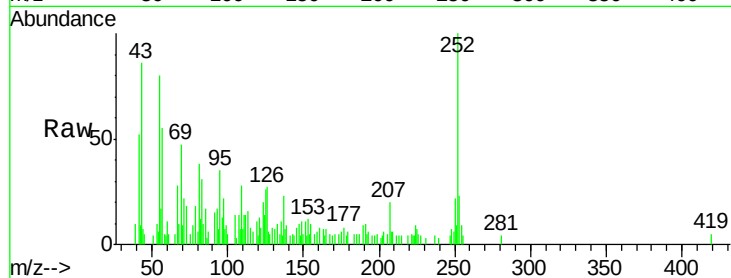
Tot Ion:252 Resp: 16424

Ion Ratio Lower Upper

252 100

253 23.5 17.6 26.4

125 26.2 10.3 15.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

