

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082015\
 Data File : BF081131.D
 Acq On : 20 Aug 2015 18:37
 Operator : UM/IZ
 Sample : G3350-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-PIPE(4)

Manual Integrations
 APPROVED

MMDadoda
 8/21/2015 2:03:38 PM

Quant Time: Aug 21 10:46:03 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 11:22:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	61468	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	170320	20.00	ng	0.01
38) Acenaphthene-d10	9.67	164	93191	20.00	ng	0.05
63) Phenanthrene-d10	11.13	188	153099	20.00	ng	0.05
75) Chrysene-d12	13.71	240	148255	20.00	ng	0.00
86) Perylene-d12	15.03	264	109963	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	368328	90.13	ng	0.00
7) Phenol-d6	6.23	99	505066	94.72	ng	0.00
23) Nitrobenzene-d5	7.16	82	348773	93.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.45	330	57434	71.10	ng	0.05
44) 2-Fluorobiphenyl	9.00	172	349377	49.12	ng	0.03
78) Terphenyl-d14	12.70	244	335590	48.53	ng	0.02
Target Compounds						
31) Naphthalene	7.92	128	1478326	155.71	ng	# 90
37) 2-Methylnaphthalene	8.64	142	3053734	509.20	ng	99
45) 1,1'-Biphenyl	9.09	154	372047	45.32	ng	93
57) Fluorene	10.22	166	419756	57.66	ng	# 68
70) Phenanthrene	11.17	178	996581m	109.84	ng	
77) Pyrene	12.55	202	219566m	18.22	ng	
83) Bis(2-ethylhexyl)phthalate	13.72	149	23301	3.51	ng	# 92

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

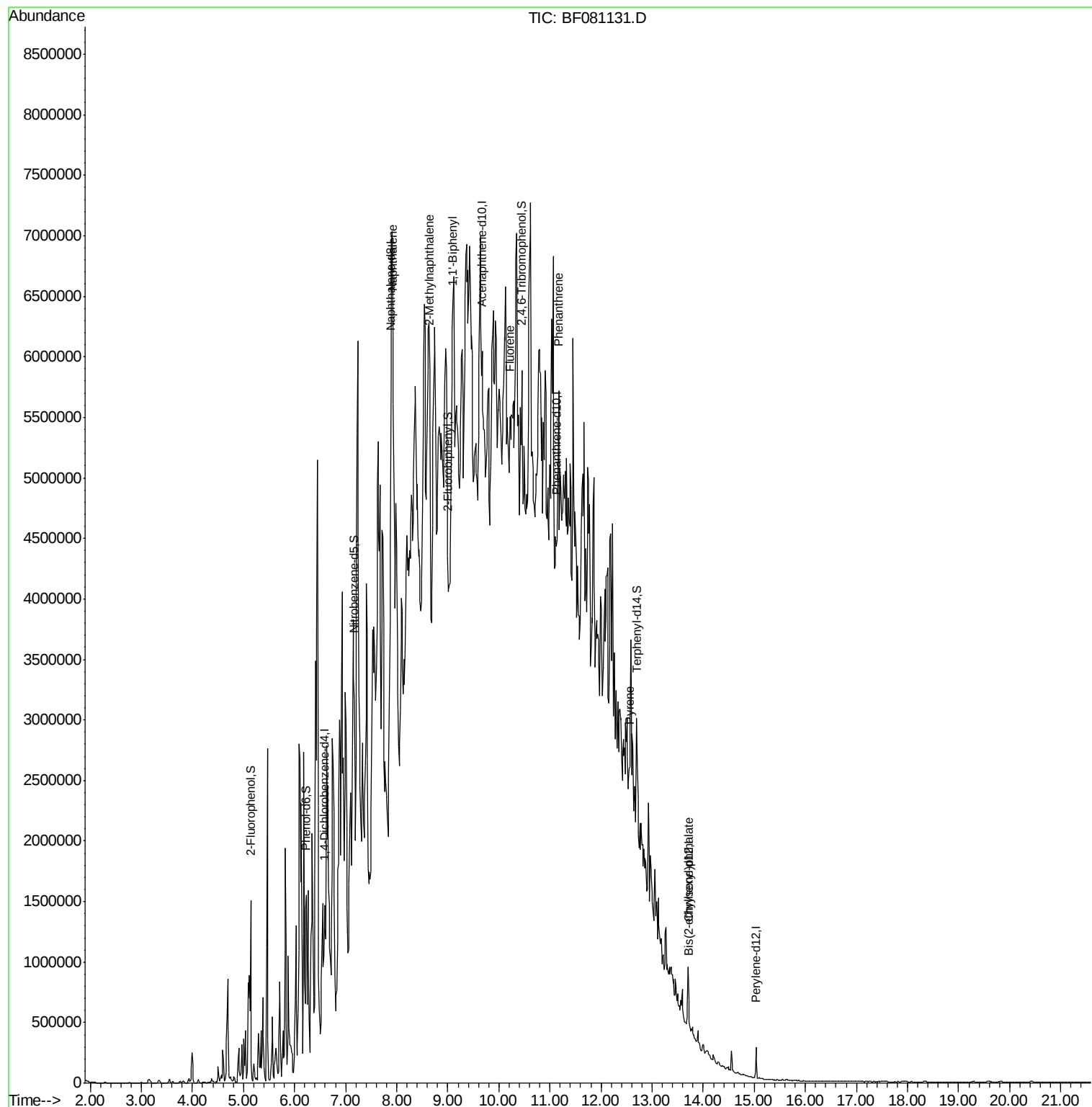
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082015\
Data File : BF081131.D
Acq On : 20 Aug 2015 18:37
Operator : UM/IZ
Sample : G3350-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

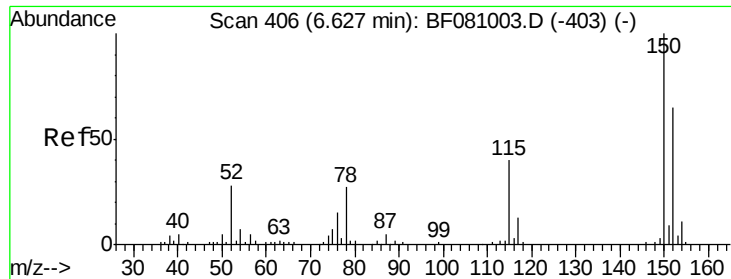
Instrument :
BNA_F
ClientSampleId :
A-PIPE(4)

Manual Integrations
APPROVED

MMDadoda
8/21/2015 2:03:38 PM

Quant Time: Aug 21 10:46:03 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 11:22:13 2015
Response via : Initial Calibration





#1

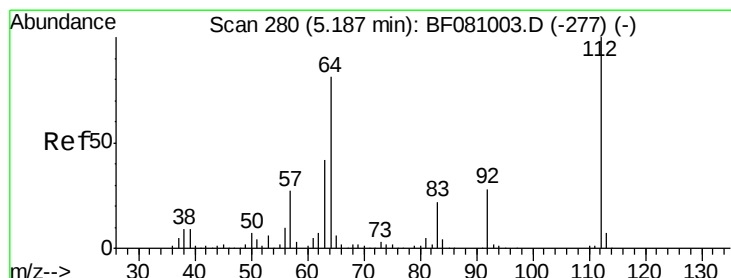
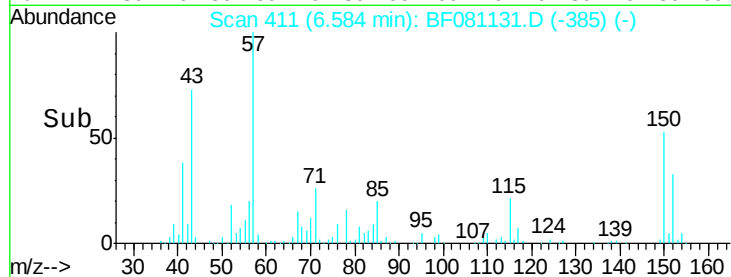
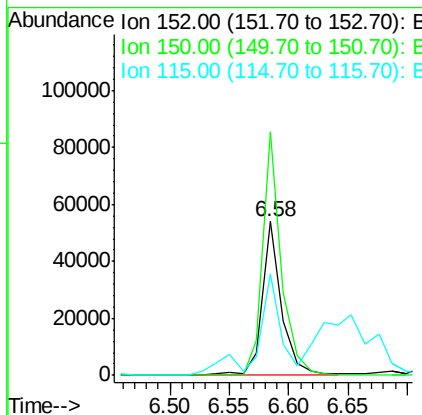
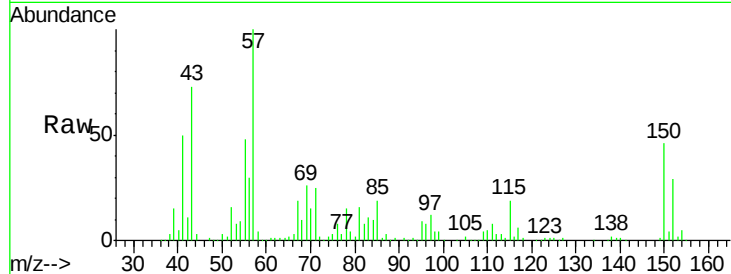
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF081131.D
Acq: 20 Aug 2015 18:37

Instrument :
BNA_F
ClientSampleId :
A-PIPE(4)

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	123.8	185.6
115	66.4	52.1	78.1

Manual Integrations
APPROVED

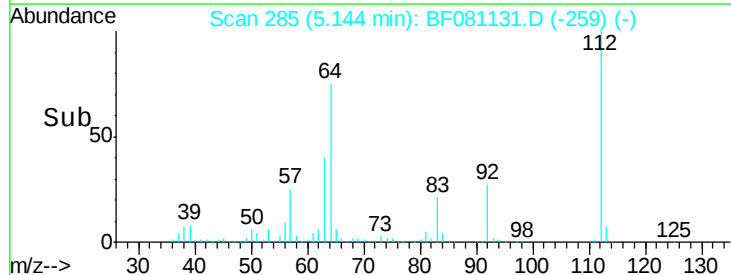
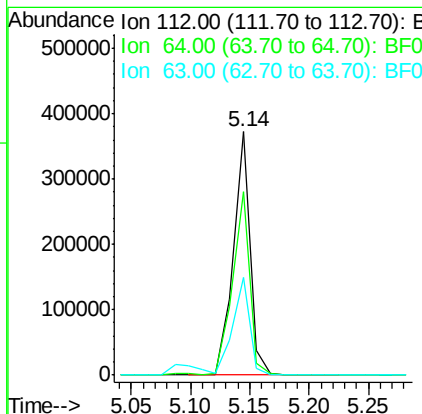
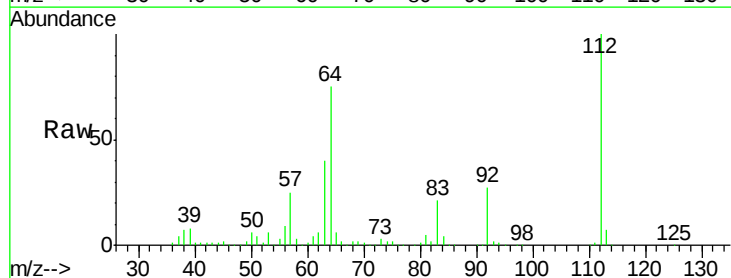
MMDadoda
8/21/2015 2:03:38 PM

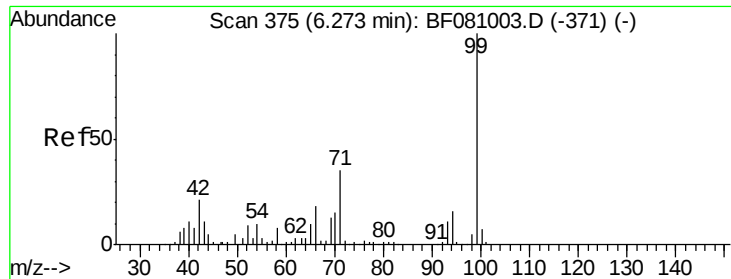


#5

2-Fluorophenol
Concen: 90.13 ng
RT: 5.14 min Scan# 285
Delta R.T. -0.00 min
Lab File: BF081131.D
Acq: 20 Aug 2015 18:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.2	66.9	100.3
63	40.1	38.1	57.1





#7

Phenol-d6

Concen: 94.72 ng

RT: 6.23 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

Instrument :

BNA_F

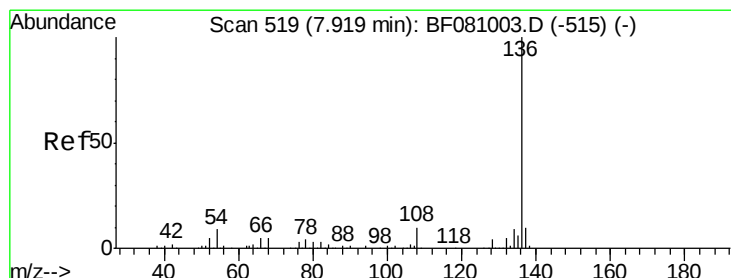
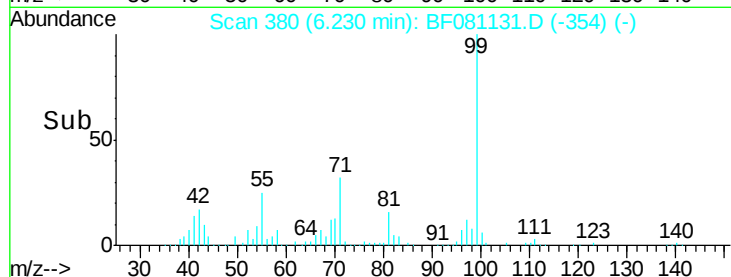
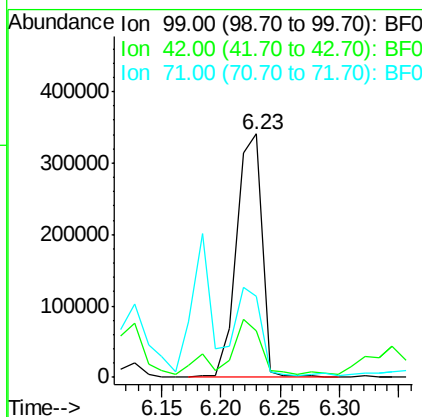
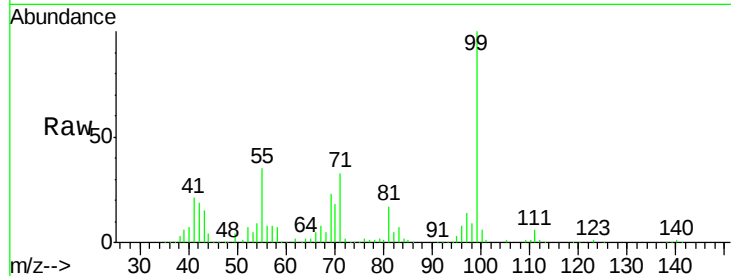
ClientSampleId :

A-PIPE(4)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		505066		
42	18.9	19.6	29.4#		
71	33.1	31.2	46.8		

Manual Integrations
APPROVED

MMDadoda
8/21/2015 2:03:38 PM



#21

Naphthalene-d8

Concen: 20.00 ng

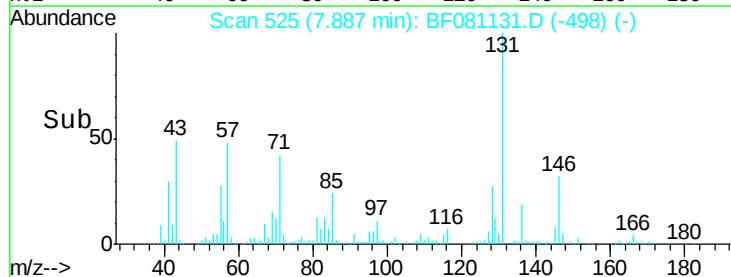
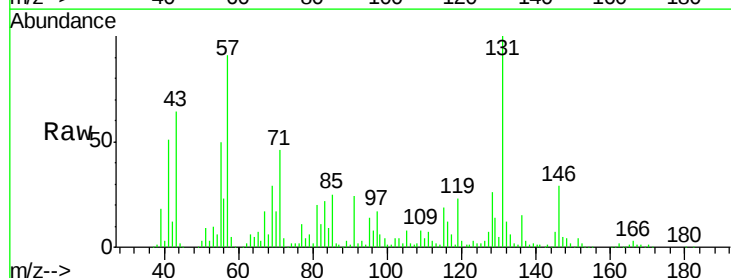
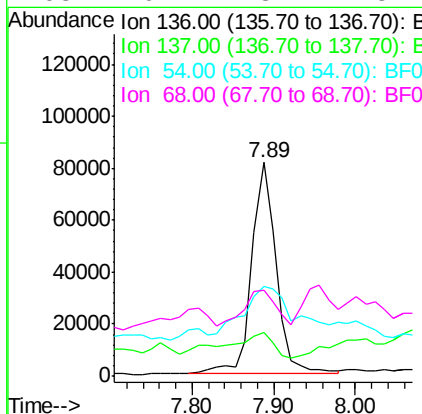
RT: 7.89 min Scan# 525

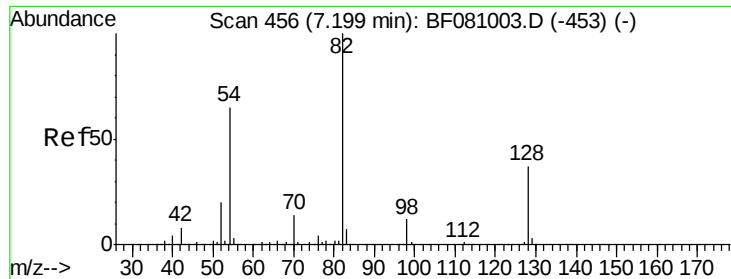
Delta R.T. 0.01 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		170320		
137	20.2	8.2	12.2#		
54	41.8	7.7	11.5#		
68	40.4	3.4	5.2#		





#23

Nitrobenzene-d5

Concen: 93.54 ng

RT: 7.16 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

Instrument :

BNA_F

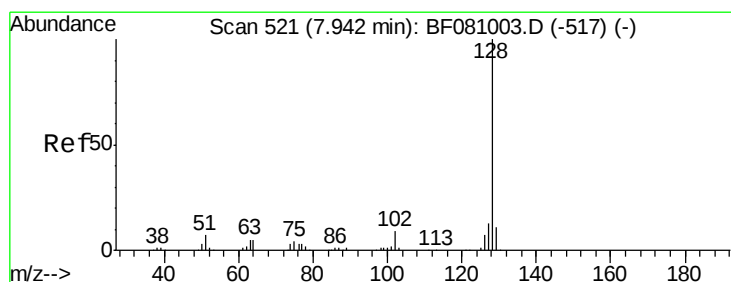
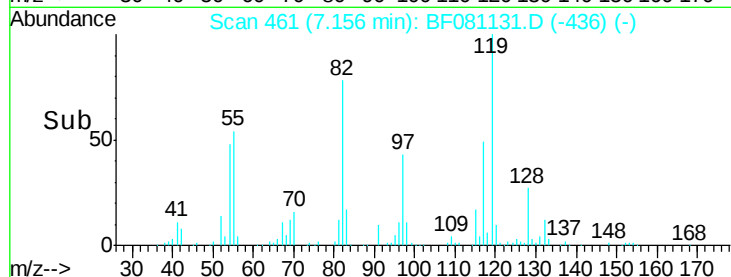
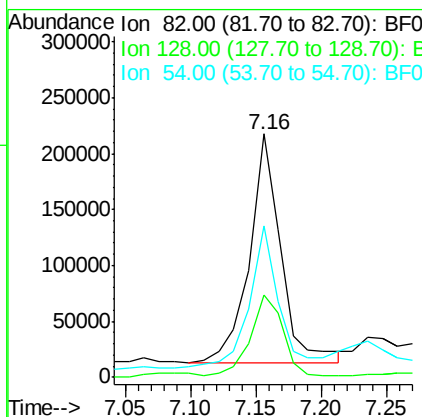
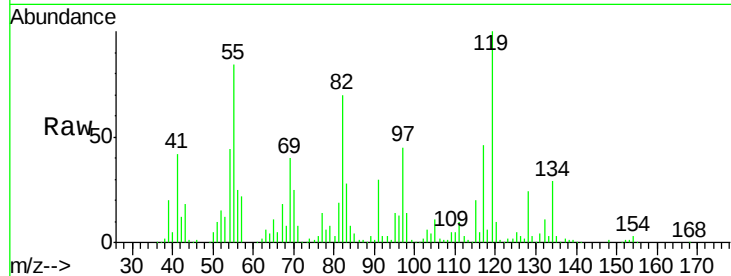
ClientSampleId :

A-PIPE(4)

Tot Ion:	82	Resp:	348773
Ion Ratio	Lower	Upper	
82	100		
128	33.9	28.6	42.8
54	62.0	55.1	82.7

Manual Integrations
APPROVED

MMDadoda
8/21/2015 2:03:38 PM



#31

Naphthalene

Concen: 155.71 ng

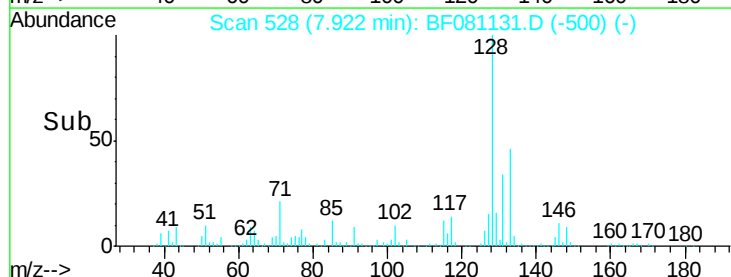
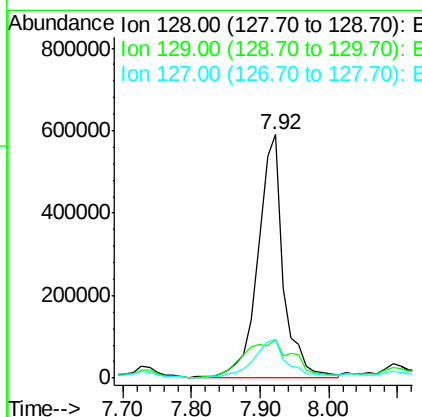
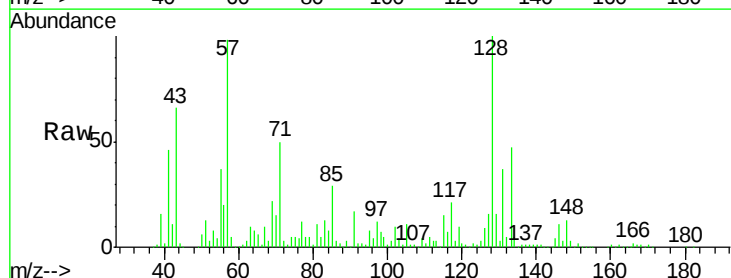
RT: 7.92 min Scan# 528

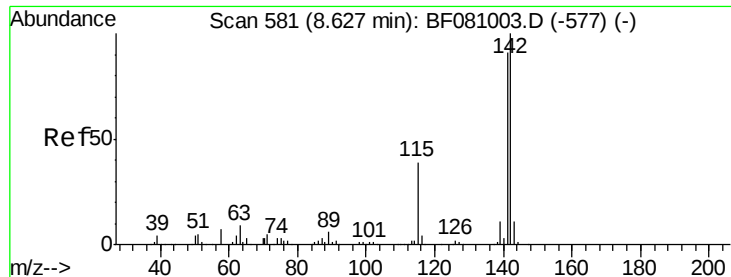
Delta R.T. 0.02 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

Tgt Ion:	128	Resp:	1478326
Ion Ratio	Lower	Upper	
128	100		
129	16.1	8.4	12.6#
127	15.8	10.6	16.0





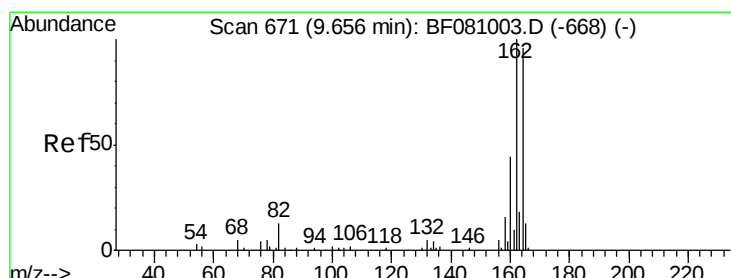
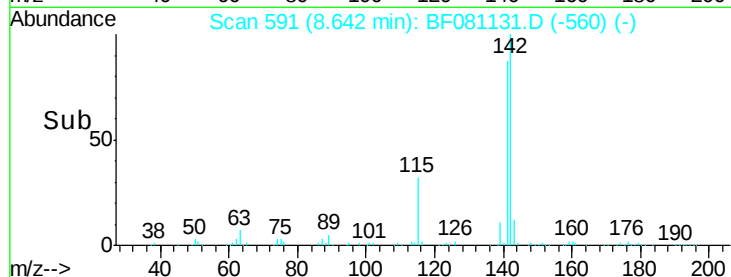
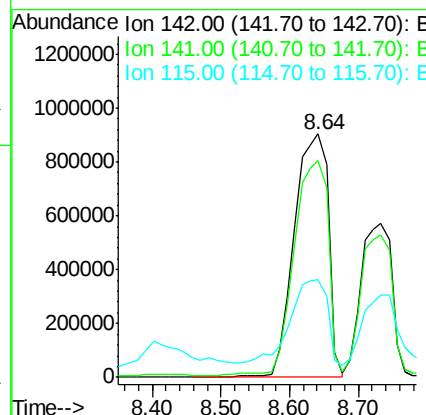
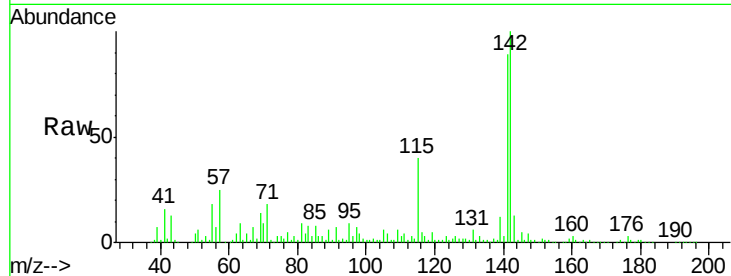
#37
2-Methylnaphthalene
Concen: 509.20 ng
RT: 8.64 min Scan# 591
Delta R.T. 0.06 min
Lab File: BF081131.D
Acq: 20 Aug 2015 18:37

Instrument :
BNA_F
ClientSampleId :
A-PIPE(4)

Tot Ion	Ion	Ratio	Lower	Upper
142	100			
141	88.9	71.4	107.2	
115	40.0	33.4	50.0	

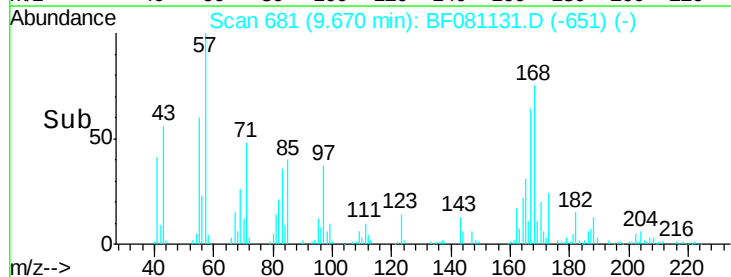
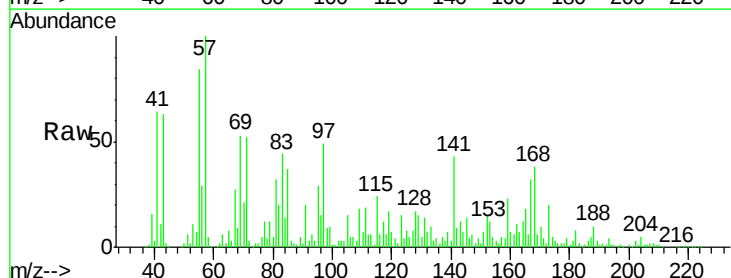
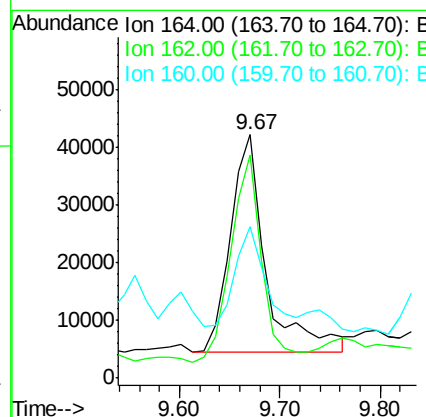
Manual Integrations
APPROVED

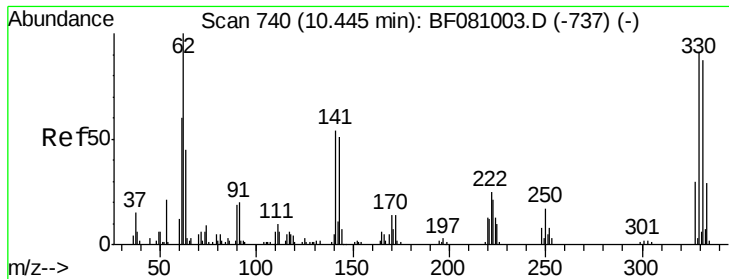
MMDadoda
8/21/2015 2:03:38 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 681
Delta R.T. 0.05 min
Lab File: BF081131.D
Acq: 20 Aug 2015 18:37

Tgt Ion	Ion	Ratio	Lower	Upper
164	100			
162	91.9	83.8	125.8	
160	62.2	39.8	59.8	





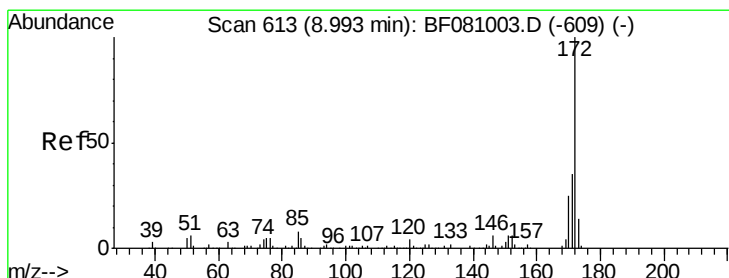
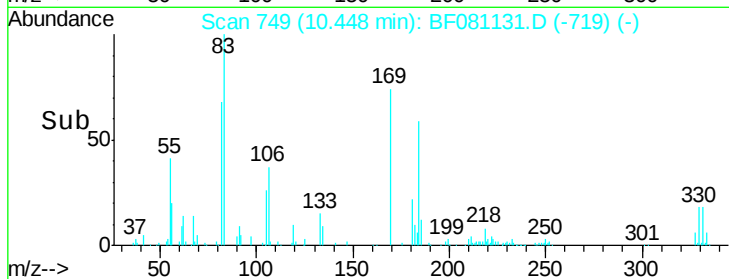
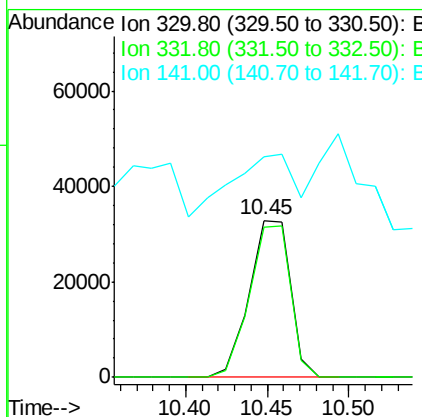
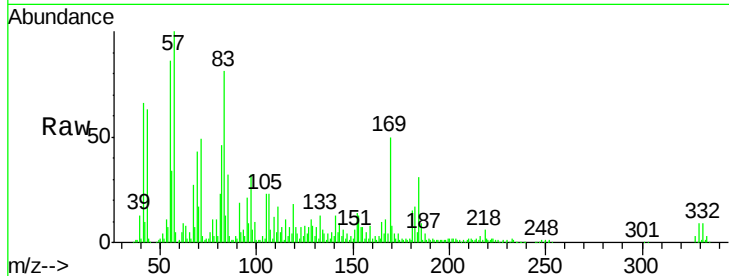
#41
 2,4,6-Tribromophenol
 Concen: 71.10 ng
 RT: 10.45 min Scan# 749
 Delta R.T. 0.05 min
 Lab File: BF081131.D
 Acq: 20 Aug 2015 18:37

Instrument :
 BNA_F
 ClientSampleId :
 A-PIPE(4)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	59.8	44.9	67.3

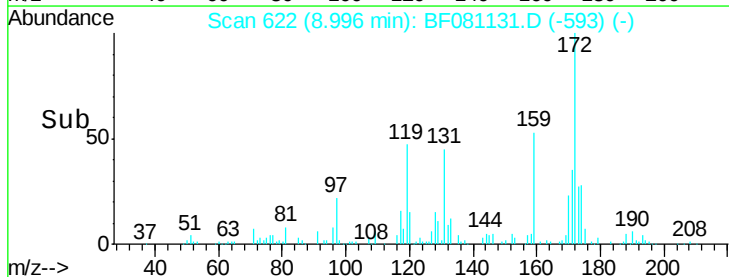
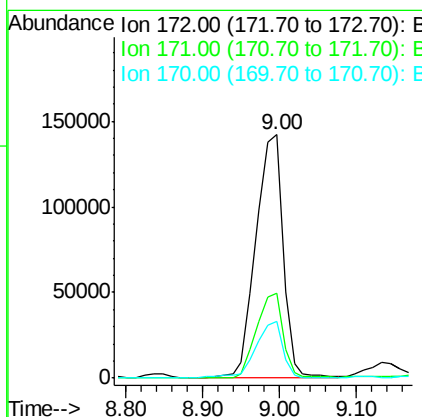
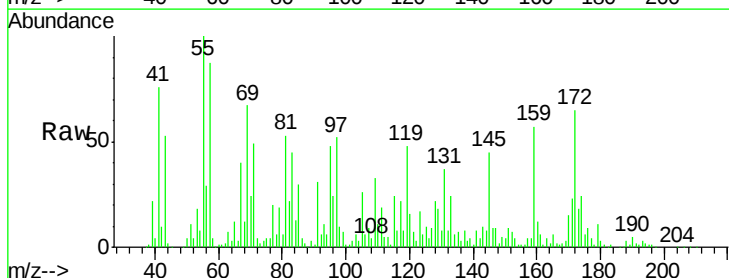
Manual Integrations
 APPROVED

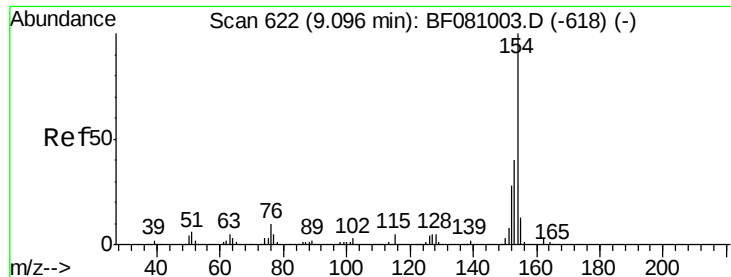
MMDadoda
 8/21/2015 2:03:38 PM



#44
 2-Fluorobiphenyl
 Concen: 49.12 ng
 RT: 9.00 min Scan# 622
 Delta R.T. 0.03 min
 Lab File: BF081131.D
 Acq: 20 Aug 2015 18:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.9	43.3
170	23.1	19.4	29.2





#45

1,1'-Biphenyl

Concen: 45.32 ng

RT: 9.09 min Scan# 630

Delta R.T. 0.03 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

Instrument :

BNA_F

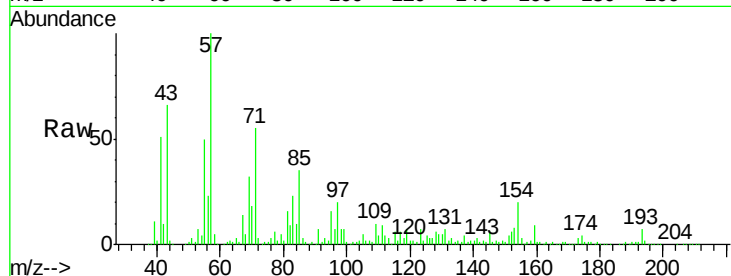
ClientSampleId :

A-PIPE(4)

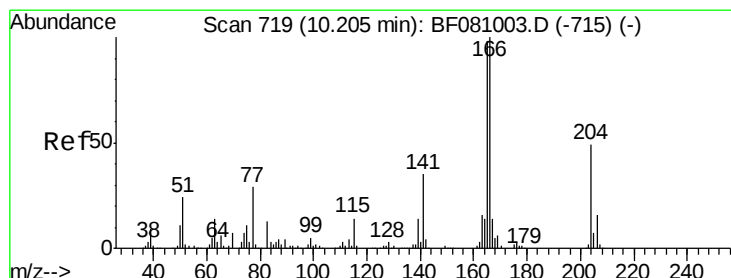
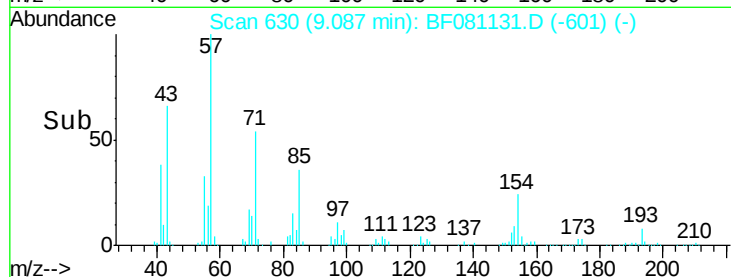
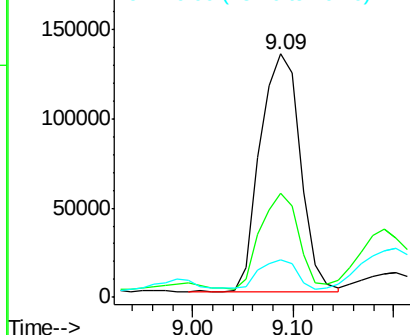
Tot Ion:	154	Resp:	372047
Ion Ratio	Lower	Upper	
154	100		
153	42.7	19.5	59.5
76	15.4	0.0	29.3

Manual Integrations
APPROVED

MMDadoda
8/21/2015 2:03:38 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#57

Fluorene

Concen: 57.66 ng

RT: 10.22 min Scan# 729

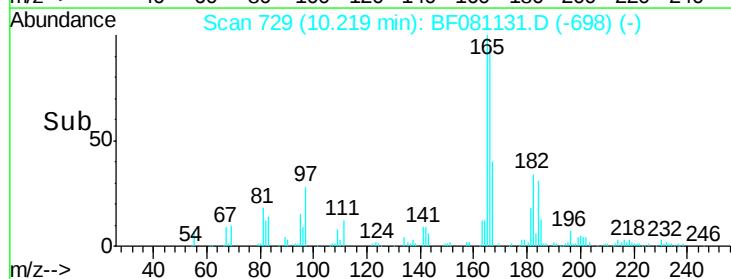
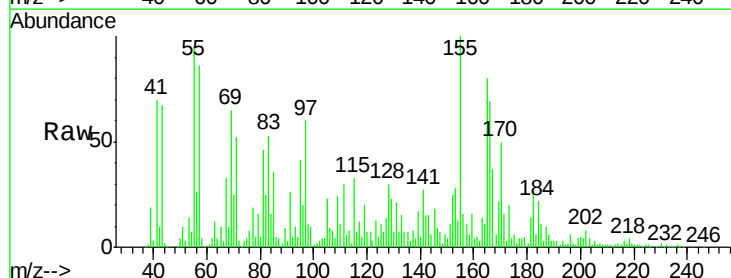
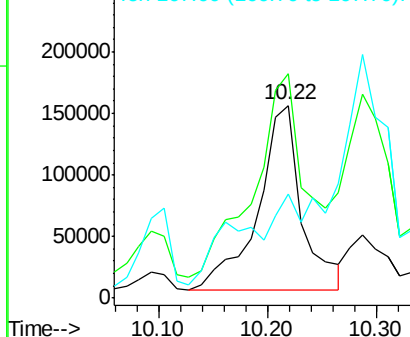
Delta R.T. 0.06 min

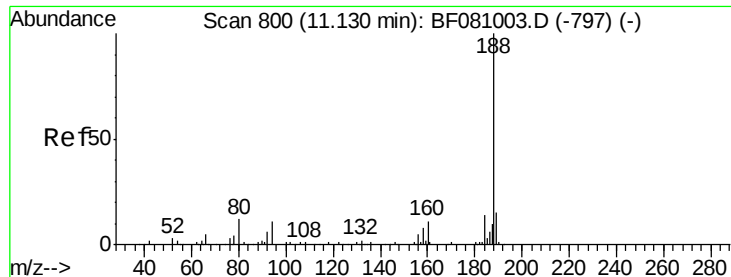
Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

Tgt Ion:	166	Resp:	419756
Ion Ratio	Lower	Upper	
166	100		
165	116.3	75.8	113.8#
167	54.0	11.3	16.9#

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 809

Delta R.T. 0.05 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

Instrument :

BNA_F

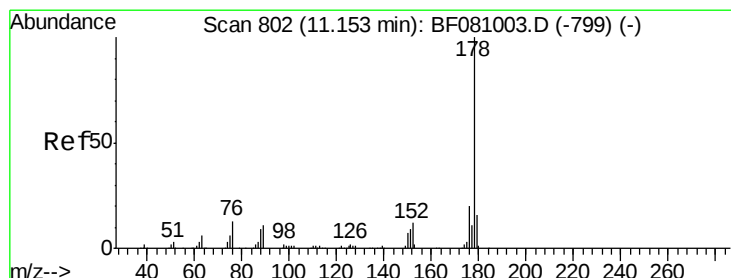
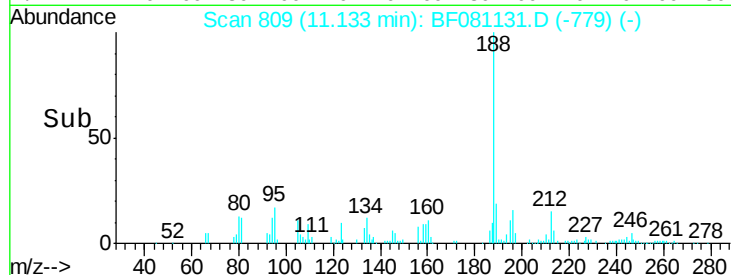
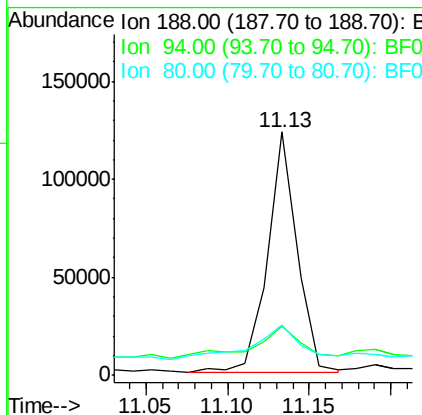
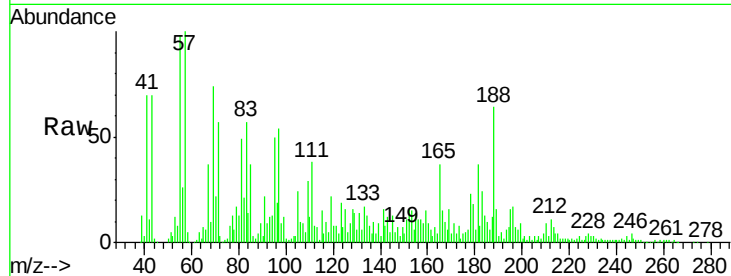
ClientSampleId :

A-PIPE(4)

Tot Ion:	188	Resp:	153099
Ion Ratio	Lower	Upper	
188	100		
94	19.9	8.2	12.2#
80	20.6	9.5	14.3#

Manual Integrations
APPROVED

MMDadoda
8/21/2015 2:03:38 PM



#70

Phenanthrene

Concen: 109.84 ng m

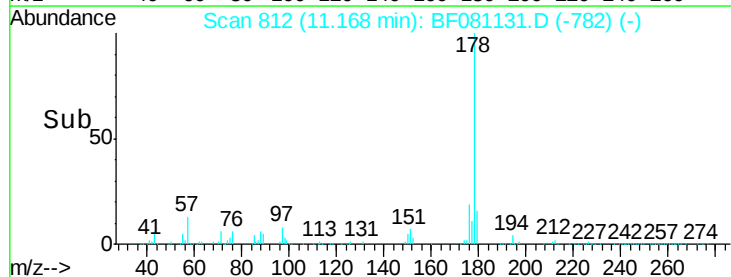
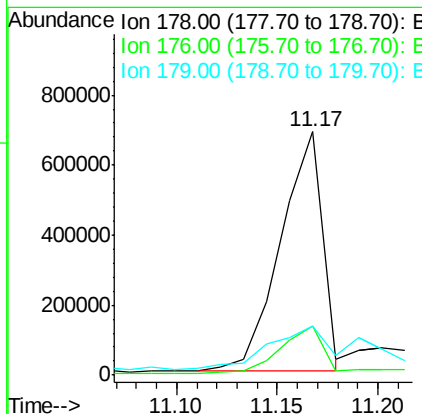
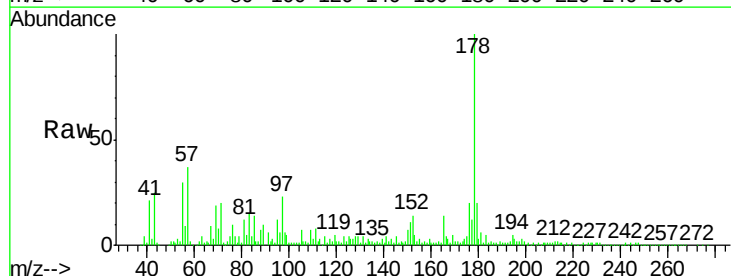
RT: 11.17 min Scan# 812

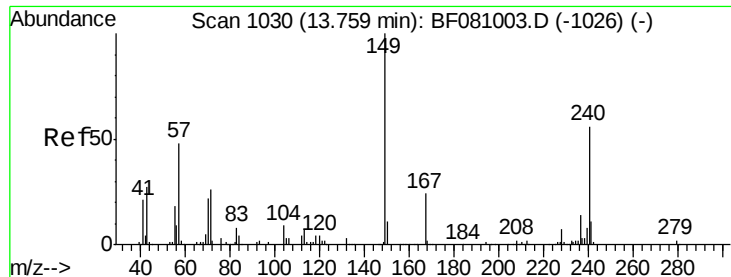
Delta R.T. 0.05 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

Tgt Ion:	178	Resp:	996581
Ion Ratio	Lower	Upper	
178	100		
176	19.9	15.7	23.5
179	20.1	12.2	18.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

Instrument :

BNA_F

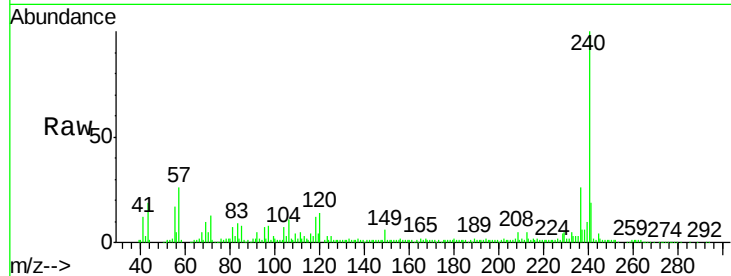
ClientSampleId :

A-PIPE(4)

Tot Ion:	240	Resp:	148255
Ion Ratio	Lower	Upper	
240	100		
120	14.2	5.6	8.4#
236	26.2	20.6	30.8

Manual Integrations
APPROVED

MMDadoda
8/21/2015 2:03:38 PM

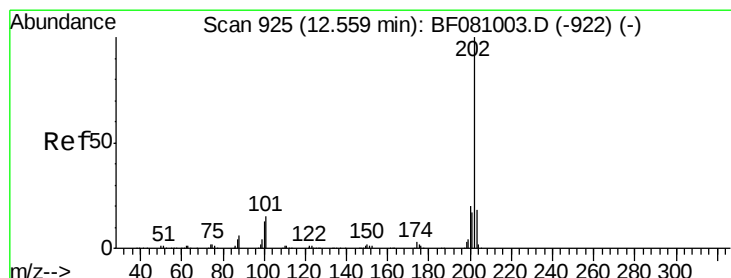
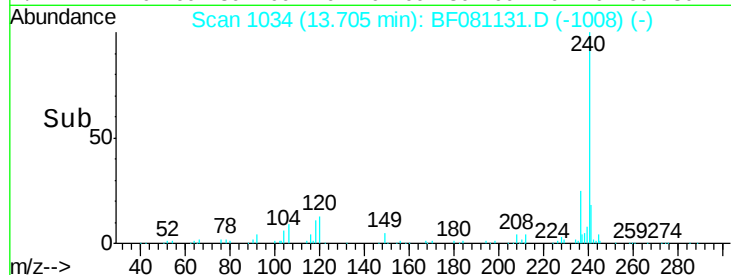
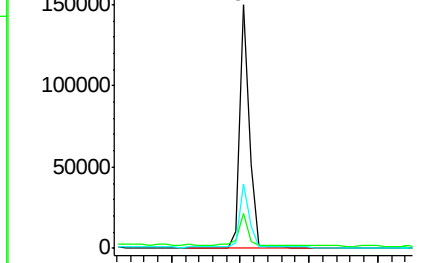


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.71



#77

Pyrene

Concen: 18.22 ng m

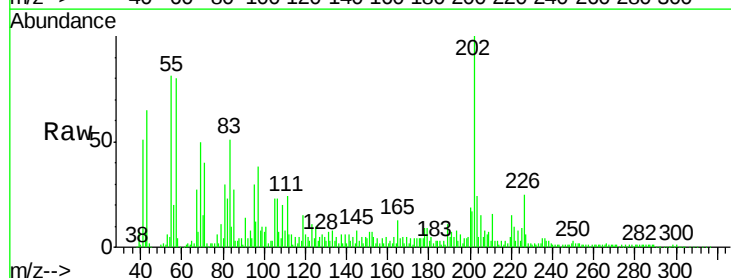
RT: 12.55 min Scan# 933

Delta R.T. 0.03 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

Tgt Ion:	202	Resp:	219566
Ion Ratio	Lower	Upper	
202	100		
200	19.2	16.6	24.8
203	24.2	14.1	21.1#

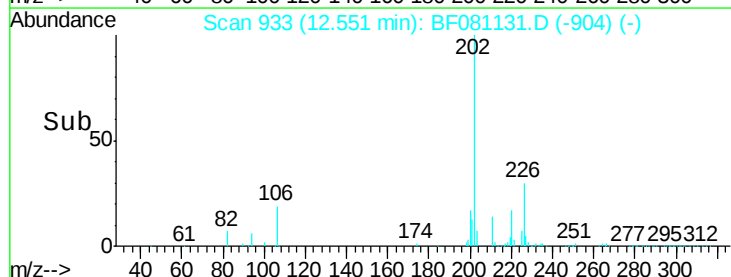
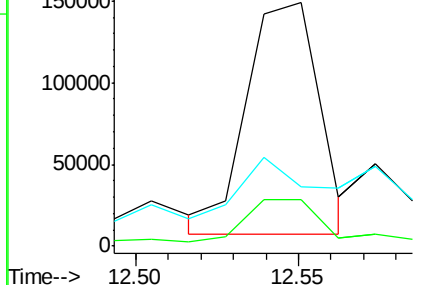


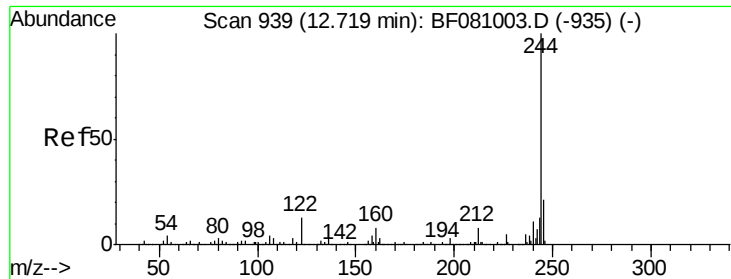
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

12.55





#78

Terphenyl-d14

Concen: 48.53 ng

RT: 12.70 min Scan# 946

Delta R.T. 0.02 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

Instrument :

BNA_F

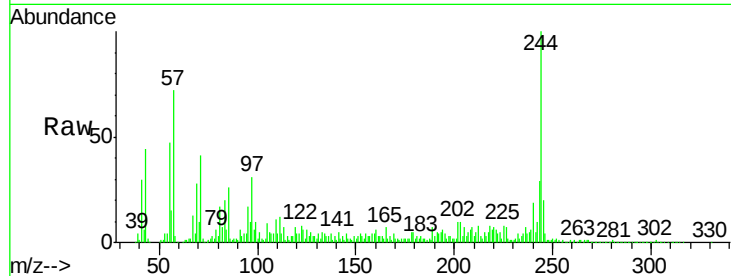
ClientSampleId :

A-PIPE(4)

Tot Ion:	244	Resp:	335590
Ion Ratio		Lower	Upper
244	100		
212	7.7	5.8	8.8
122	7.9	8.2	12.4#

Manual Integrations
APPROVED

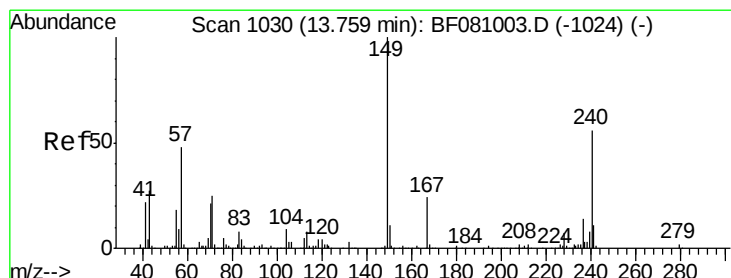
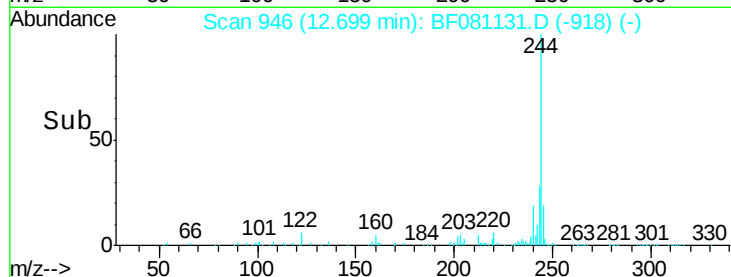
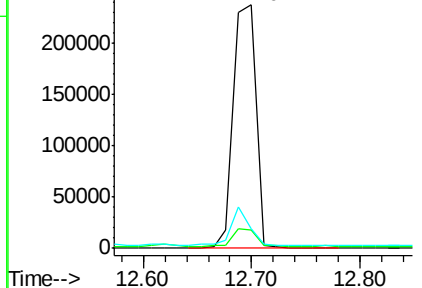
MMDadoda
8/21/2015 2:03:38 PM



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.51 ng

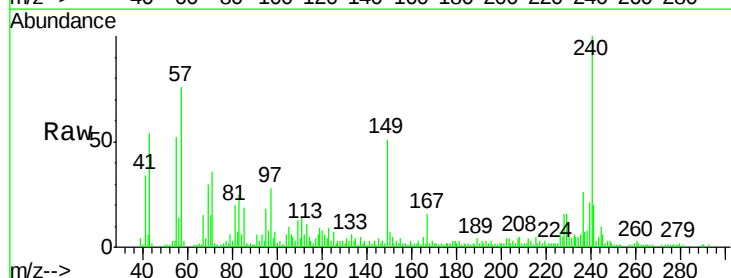
RT: 13.72 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

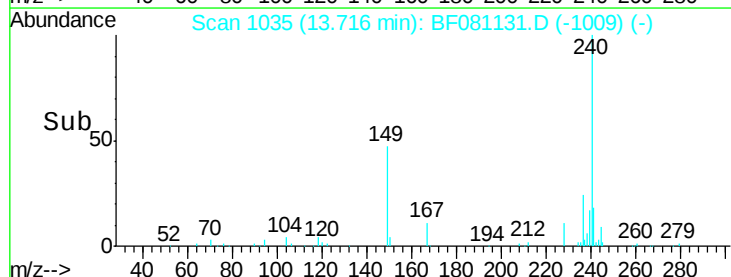
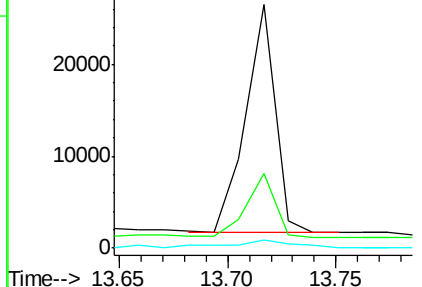
Tgt Ion:	149	Resp:	23301
Ion Ratio		Lower	Upper
149	100		
167	30.4	20.7	31.1
279	3.4	2.2	3.4#

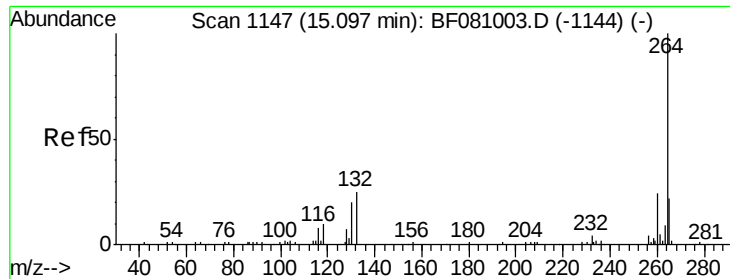


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.03 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF081131.D
Acq: 20 Aug 2015 18:37

Instrument :
BNA_F
ClientSampleId :
A-PIPE(4)

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	24.1	19.6	29.4
265	21.6	17.5	26.3

Manual Integrations
APPROVED

MMDadoda
8/21/2015 2:03:38 PM

