

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081315\
 Data File : BF080991.D
 Acq On : 13 Aug 2015 20:41
 Operator : UM/IZ
 Sample : G3252-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-017-A

Manual Integrations
 APPROVED

MMDadoda
 8/14/2015 3:09:28 PM

Quant Time: Aug 14 07:39:15 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	39237	20.00	ng	-0.06
21) Naphthalene-d8	8.03	136	110578	20.00	ng	-0.07
38) Acenaphthene-d10	9.78	164	69982	20.00	ng	-0.07
63) Phenanthrene-d10	11.26	188	120399	20.00	ng	-0.06
75) Chrysene-d12	13.88	240	65774	20.00	ng	-0.08
86) Perylene-d12	15.28	264	77877	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	312108	129.96	ng	-0.03
7) Phenol-d6	6.40	99	492151	149.55	ng	-0.05
23) Nitrobenzene-d5	7.32	82	324134	138.65	ng	-0.06
41) 2,4,6-Tribromophenol	10.57	330	72443	94.23	ng	-0.07
44) 2-Fluorobiphenyl	9.12	172	512172	103.03	ng	-0.06
78) Terphenyl-d14	12.85	244	327659	102.90	ng	-0.06
Target Compounds						Qvalue
49) Dimethylphthalate	9.50	163	95305	16.39	ng	99
74) Fluoranthene	12.46	202	30733	4.17	ng	97
77) Pyrene	12.69	202	24565	5.06	ng	99
80) Benzo(a)anthracene	13.87	228	11484	2.76	ng	# 86
82) Chrysene	13.87	228	11484	2.89	ng	# 89
87) Benzo(b)fluoranthene	14.89	252	18125m	3.35	ng	
89) Benzo(a)pyrene	15.21	252	12553	2.70	ng	# 78

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

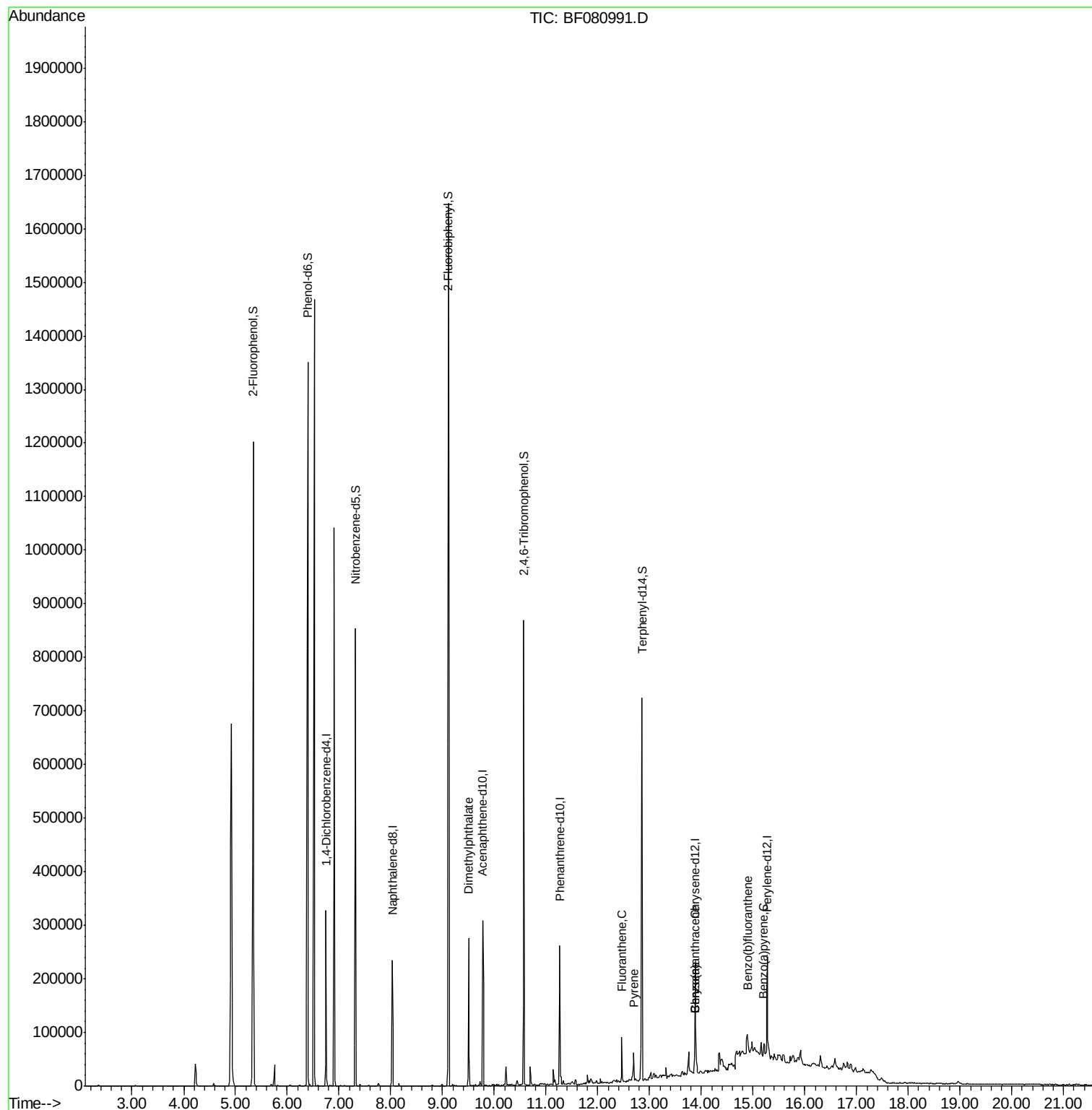
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081315\
Data File : BF080991.D
Acq On : 13 Aug 2015 20:41
Operator : UM/IZ
Sample : G3252-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

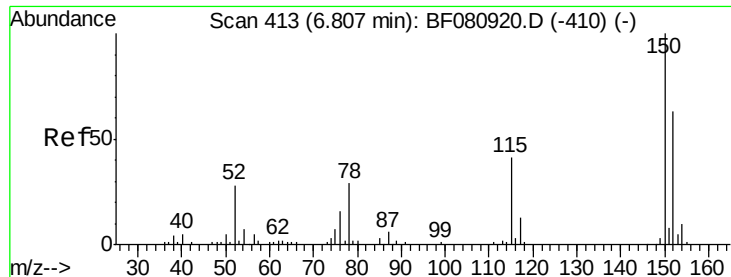
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-017-A

Manual Integrations
APPROVED

MMDadoda
8/14/2015 3:09:28 PM

Quant Time: Aug 14 07:39:15 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 08 01:33:05 2015
Response via : Initial Calibration





#1

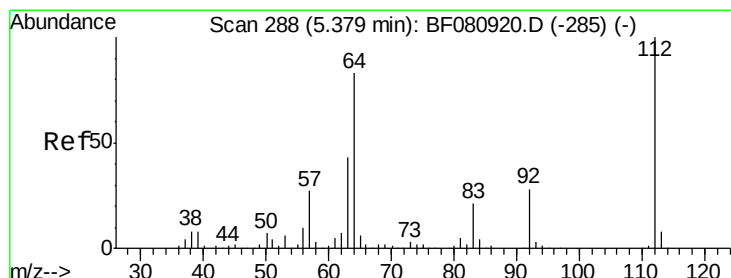
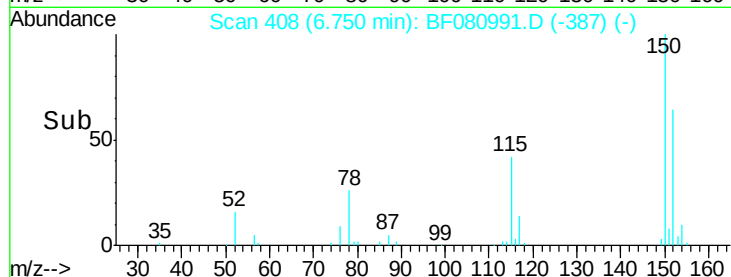
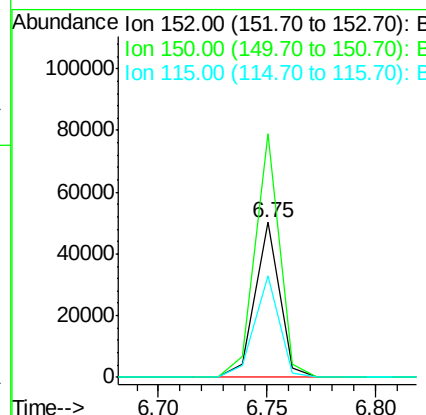
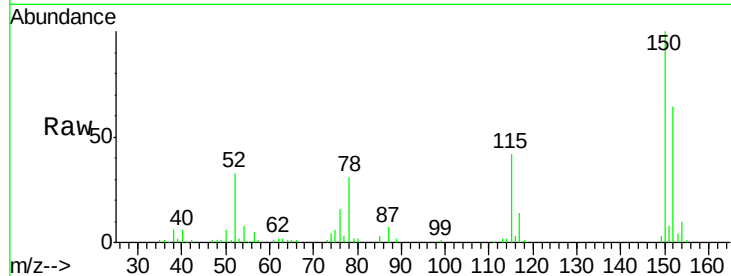
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.06 min
Lab File: BF080991.D
Acq: 13 Aug 2015 20:41

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-017-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	127.4	191.2
115	65.3	52.6	78.8

Manual Integrations
APPROVED

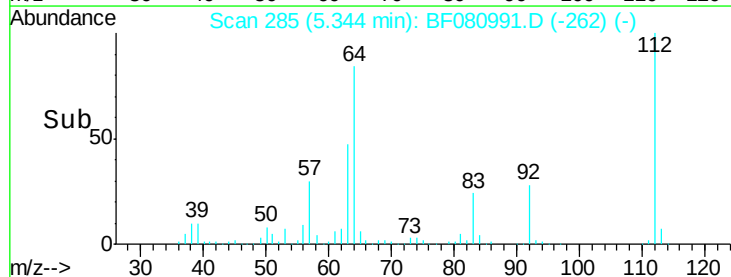
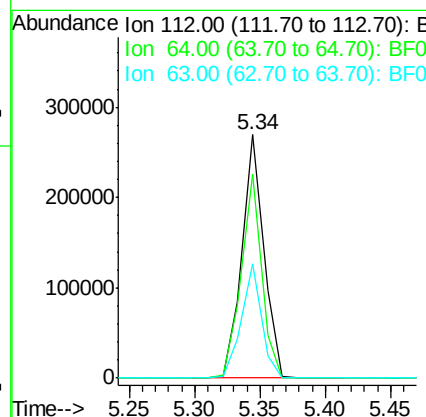
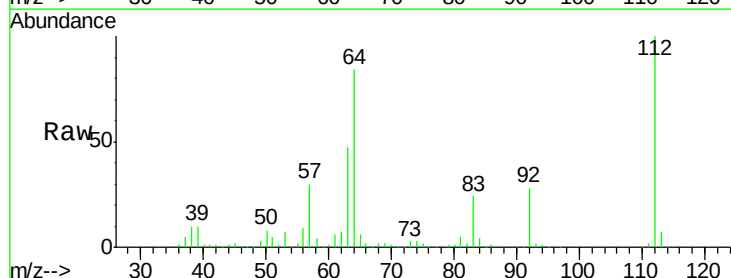
MMDadoda
8/14/2015 3:09:28 PM

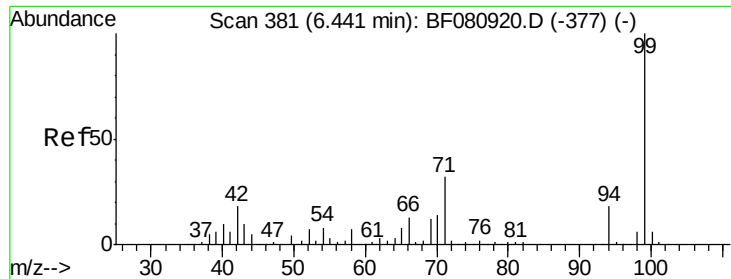


#5

2-Fluorophenol
Concen: 129.96 ng
RT: 5.34 min Scan# 285
Delta R.T. -0.03 min
Lab File: BF080991.D
Acq: 13 Aug 2015 20:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	83.6	66.1	99.1
63	46.9	34.6	52.0





#7

Phenol-d6

Concen: 149.55 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF080991.D

Acq: 13 Aug 2015 20:41

Instrument :

BNA_F

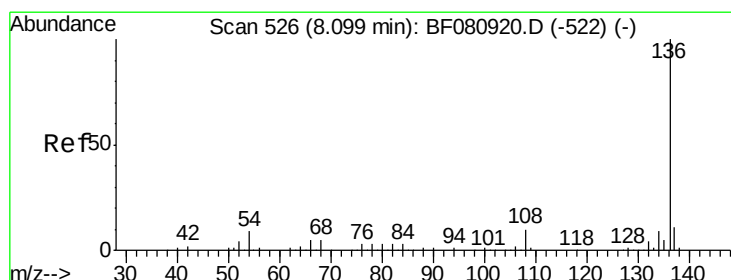
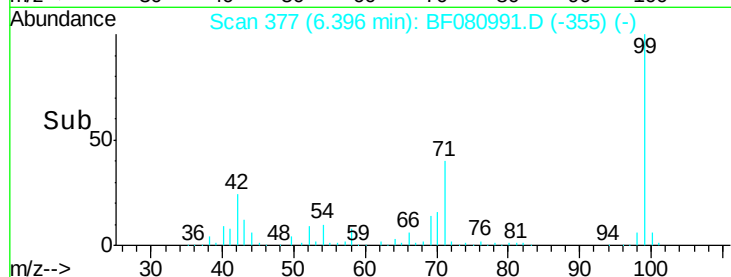
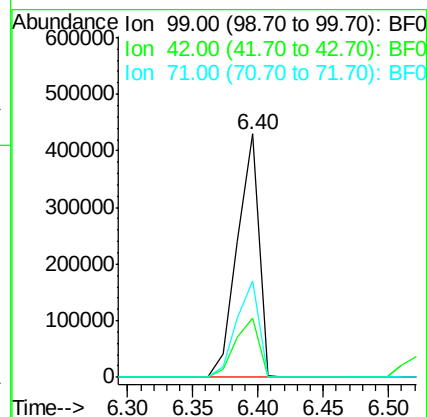
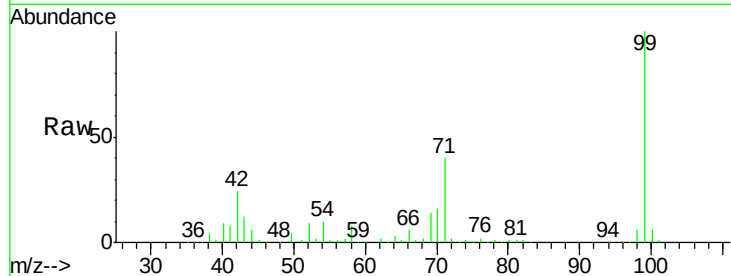
ClientSampleId :

FK-GF-01-017-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		492151		
42	24.2	14.4	21.6#		
71	39.6	25.8	38.8#		

Manual Integrations
APPROVED

MMDadoda
8/14/2015 3:09:28 PM



#21

Naphthalene-d8

Concen: 20.00 ng

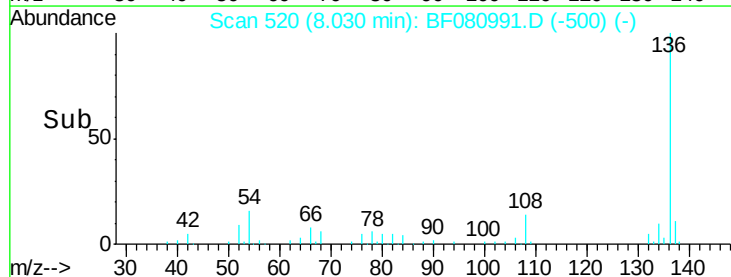
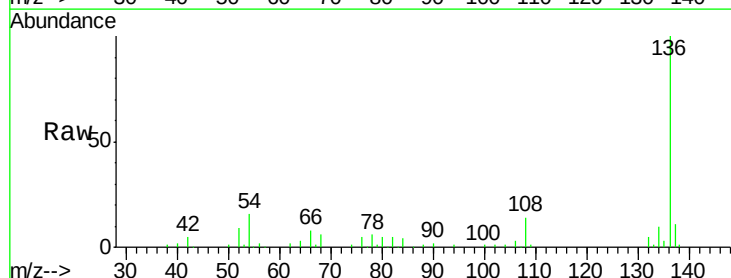
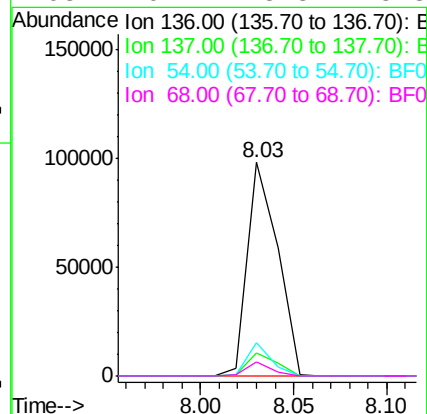
RT: 8.03 min Scan# 520

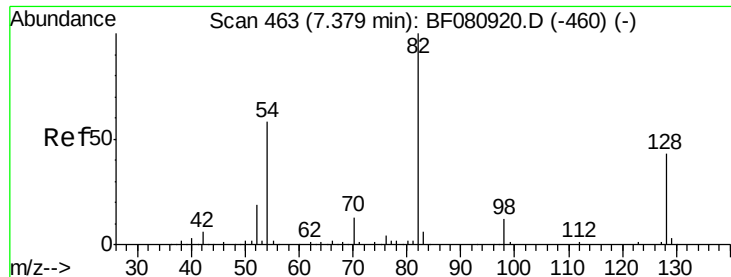
Delta R.T. -0.07 min

Lab File: BF080991.D

Acq: 13 Aug 2015 20:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		110578		
137	11.0	8.5	12.7		
54	15.8	7.1	10.7#		
68	6.4	3.8	5.8#		





#23

Nitrobenzene-d5

Concen: 138.65 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.06 min

Lab File: BF080991.D

Acq: 13 Aug 2015 20:41

Instrument :

BNA_F

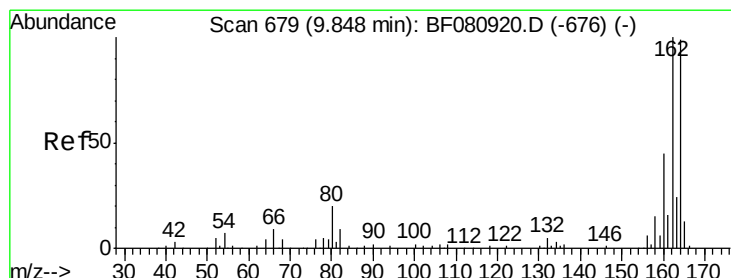
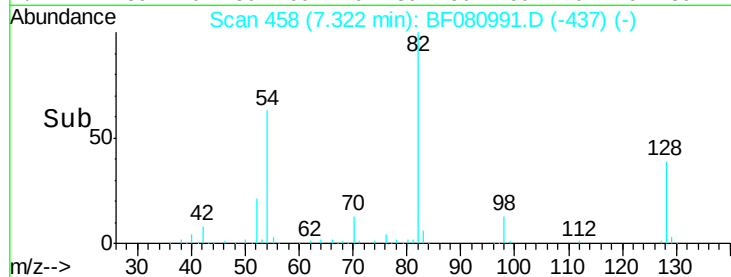
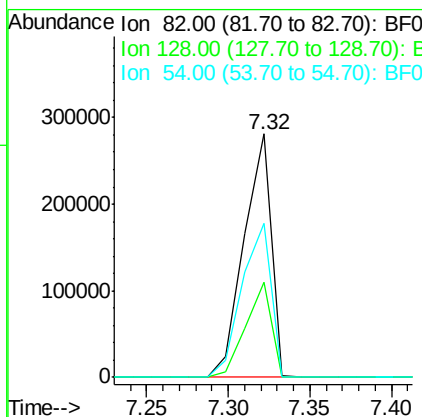
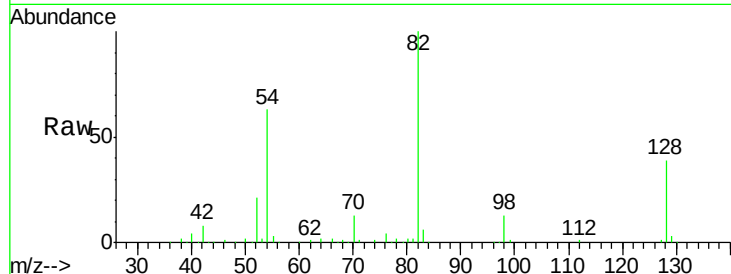
ClientSampleId :

FK-GF-01-017-A

Tot Ion:	82	Resp:	324134
Ion Ratio	Lower	Upper	
82	100		
128	38.9	34.1	51.1
54	63.2	46.5	69.7

Manual Integrations
APPROVED

MMDadoda
8/14/2015 3:09:28 PM



#38

Acenaphthene-d10

Concen: 20.00 ng

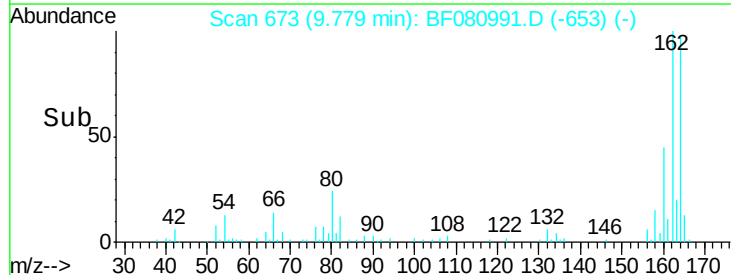
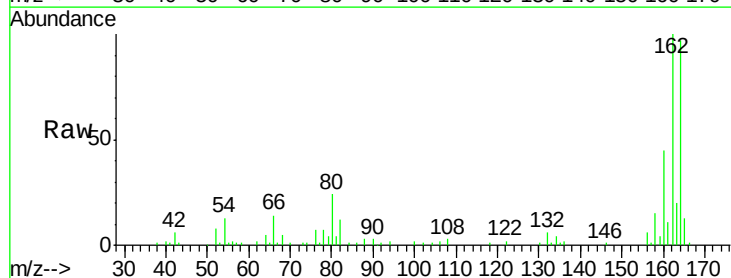
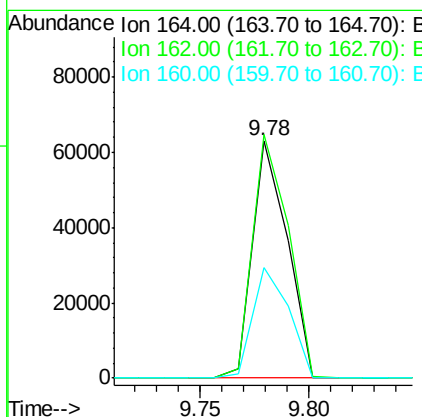
RT: 9.78 min Scan# 673

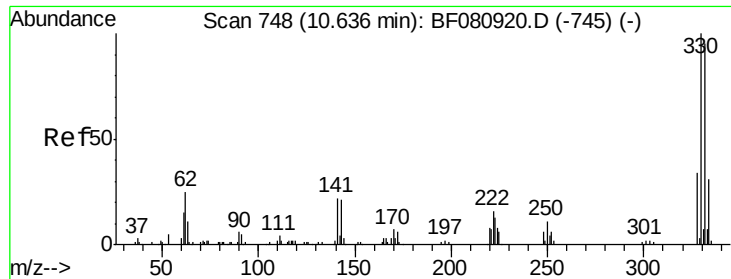
Delta R.T. -0.07 min

Lab File: BF080991.D

Acq: 13 Aug 2015 20:41

Tgt Ion:	164	Resp:	69982
Ion Ratio	Lower	Upper	
164	100		
162	102.6	80.5	120.7
160	46.6	36.6	54.8





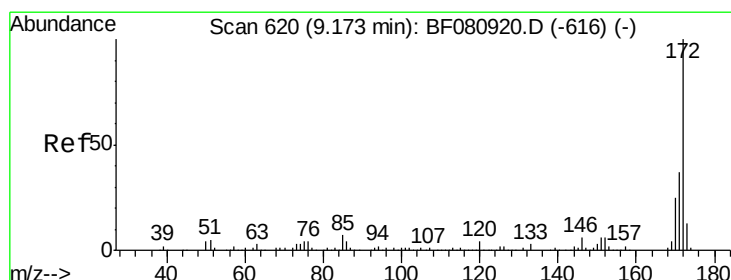
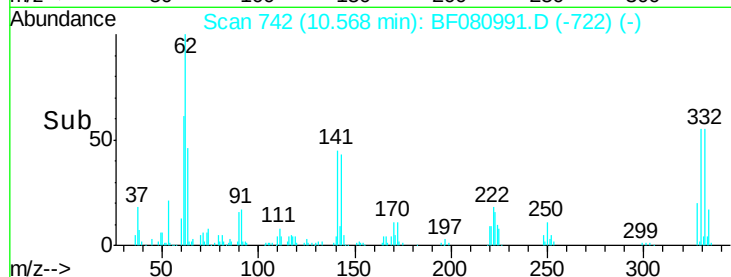
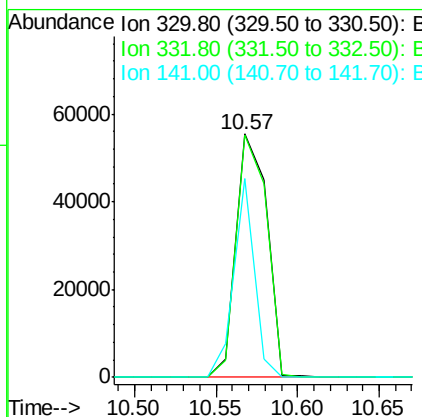
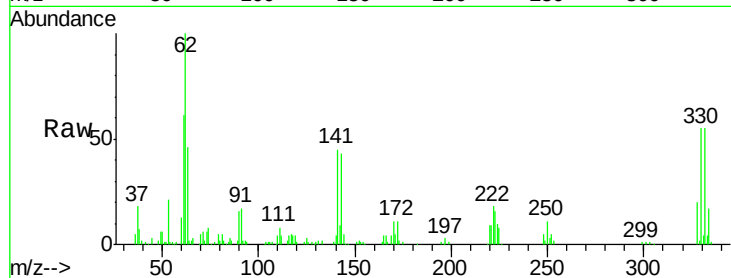
#41
 2,4,6-Tribromophenol
 Concen: 94.23 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.07 min
 Lab File: BF080991.D
 Acq: 13 Aug 2015 20:41

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-017-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.2	114.4
141	54.1	27.8	41.8#

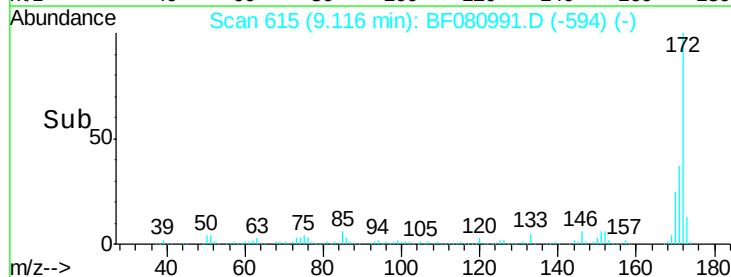
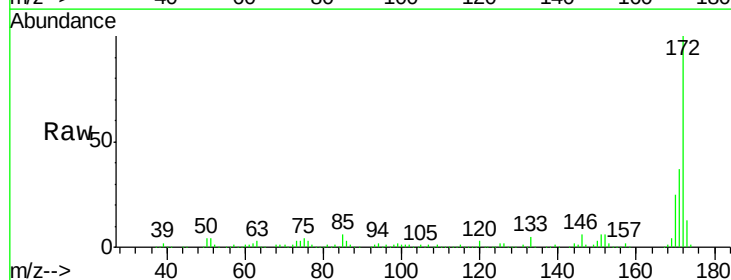
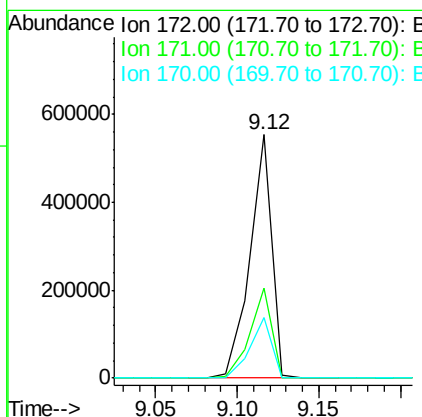
Manual Integrations
 APPROVED

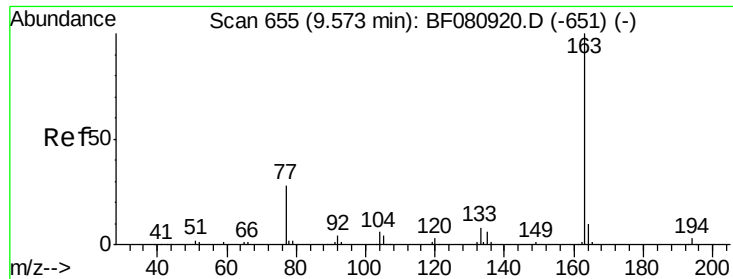
MMDadoda
 8/14/2015 3:09:28 PM



#44
 2-Fluorobiphenyl
 Concen: 103.03 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF080991.D
 Acq: 13 Aug 2015 20:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	25.1	19.7	29.5





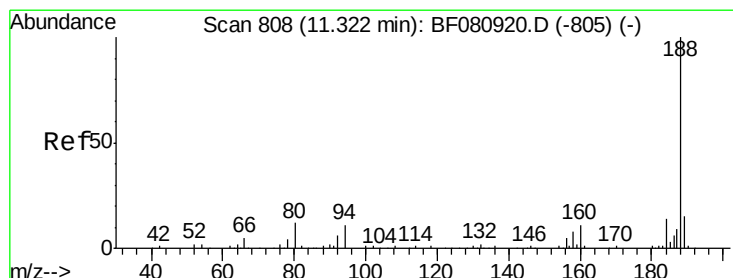
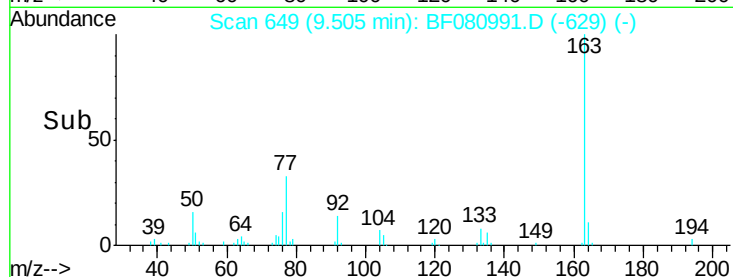
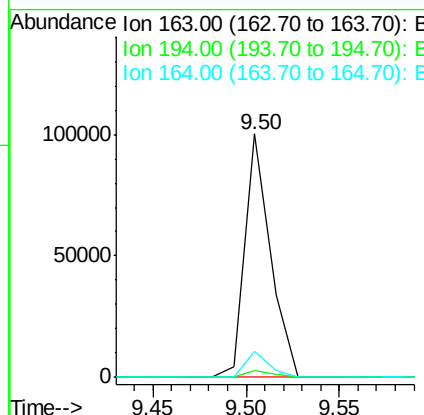
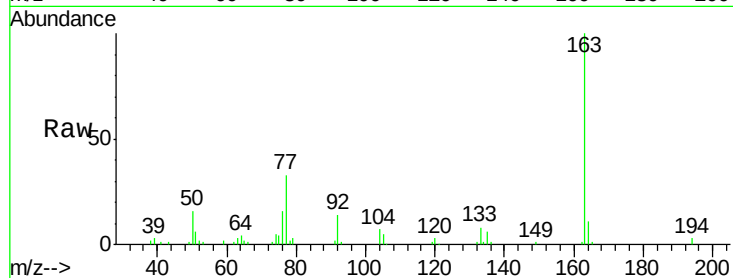
#49
Dimethylphthalate
Concen: 16.39 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.07 min
Lab File: BF080991.D
Acq: 13 Aug 2015 20:41

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-017-A

Tot Ion	Ratio	Resp	Lower	Upper
163	100	95305		
194	3.0		2.4	3.6
164	10.6		8.2	12.4

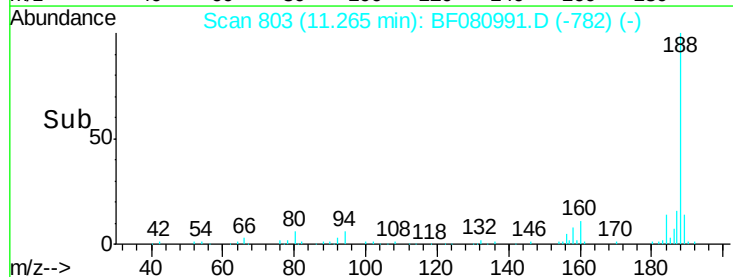
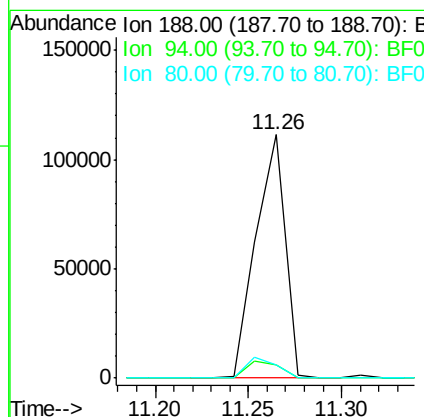
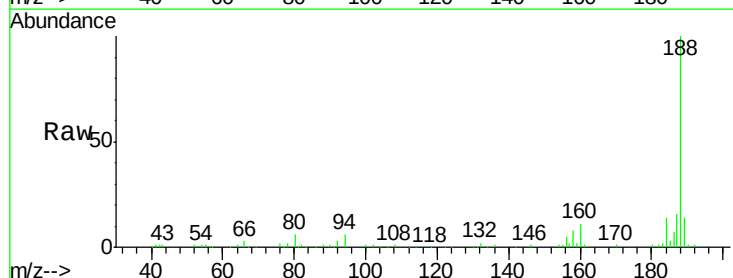
Manual Integrations
APPROVED

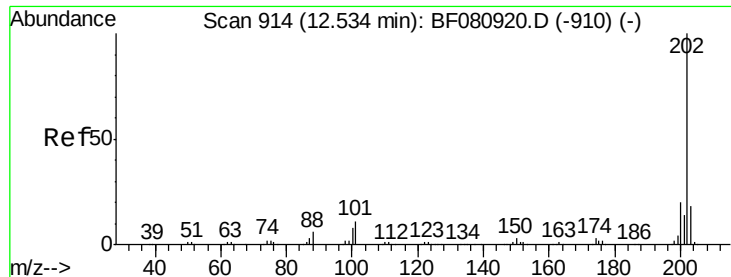
MMDadoda
8/14/2015 3:09:28 PM



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.06 min
Lab File: BF080991.D
Acq: 13 Aug 2015 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	120399		
94	5.5		8.8	13.2#
80	5.6		9.5	14.3#





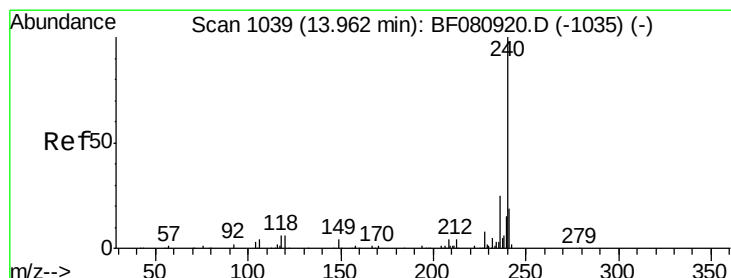
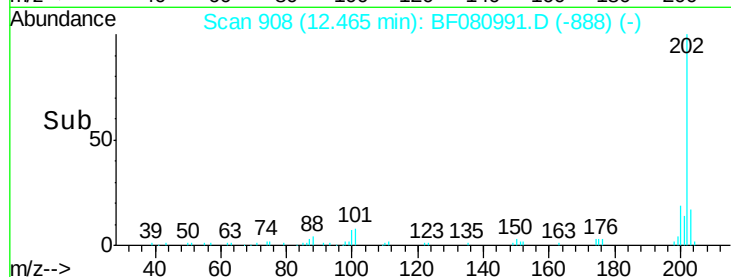
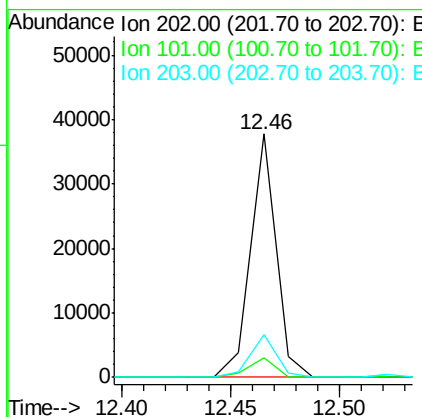
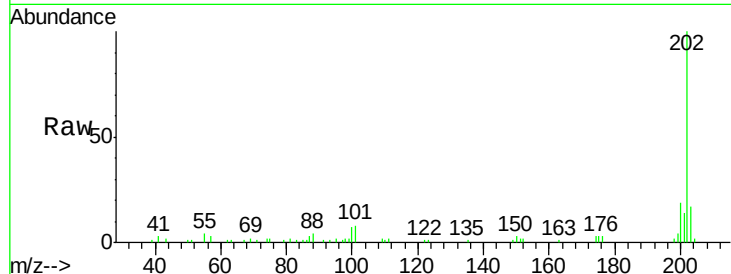
#74
 Fluoranthene
 Concen: 4.17 ng
 RT: 12.46 min Scan# 908
 Delta R.T. -0.07 min
 Lab File: BF080991.D
 Acq: 13 Aug 2015 20:41

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-017-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		30733		
101	8.1	0.0	30.5		
203	17.3	0.0	37.7		

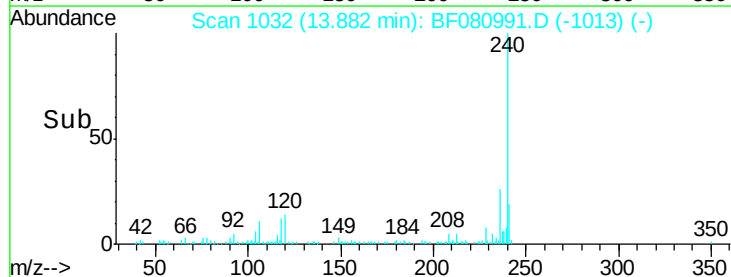
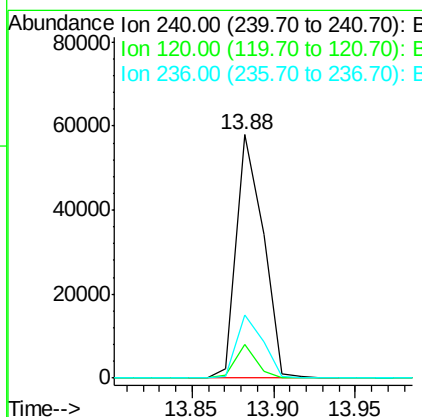
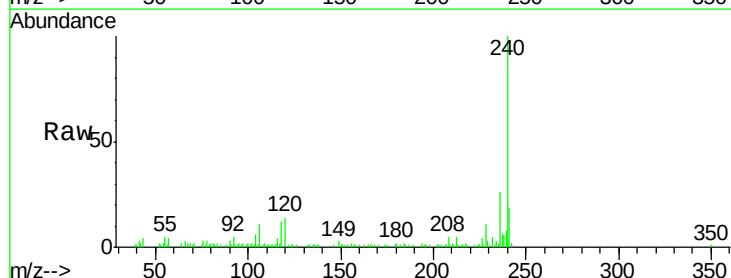
Manual Integrations
 APPROVED

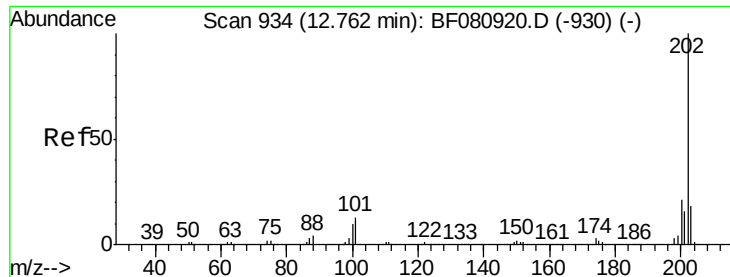
MMDadoda
 8/14/2015 3:09:28 PM



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.08 min
 Lab File: BF080991.D
 Acq: 13 Aug 2015 20:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		65774		
120	13.7	5.2	7.8#		
236	26.0	20.2	30.4		





#77

Pvrene

Concen: 5.06 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.07 min

Lab File: BF080991.D

Acq: 13 Aug 2015 20:41

Instrument :

BNA_F

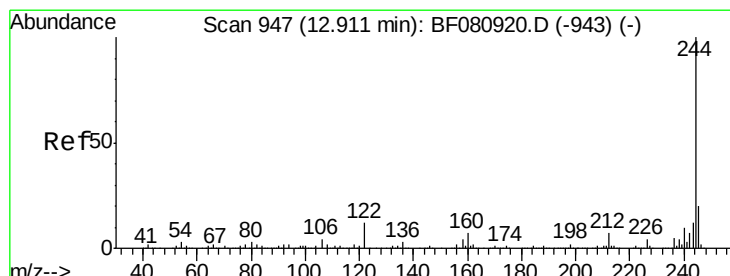
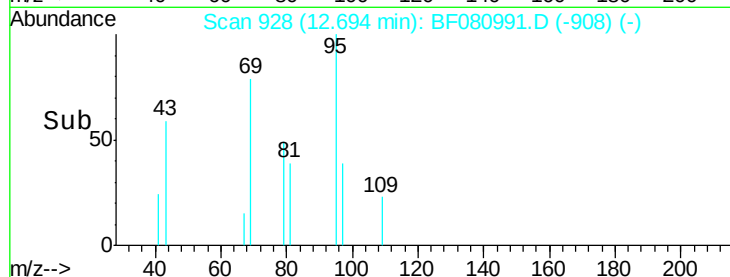
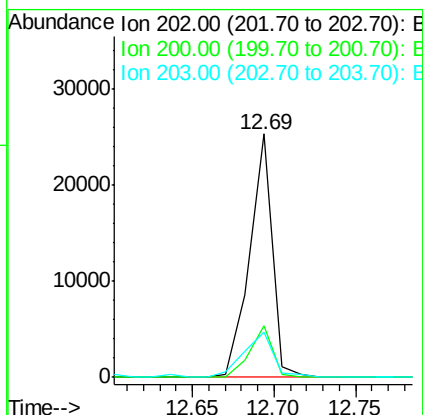
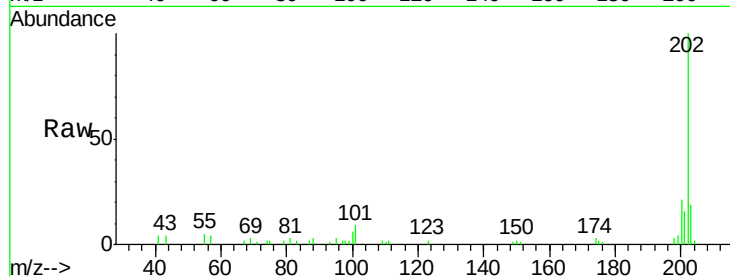
ClientSampleId :

FK-GF-01-017-A

Tot Ion:	202	Resp:	24565
Ion Ratio	Lower	Upper	
202	100		
200	21.1	16.6	24.8
203	18.6	14.2	21.2

Manual Integrations
APPROVED

MMDadoda
8/14/2015 3:09:28 PM



#78

Terphenyl-d14

Concen: 102.90 ng

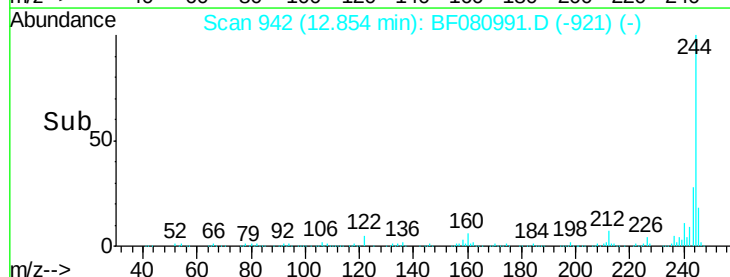
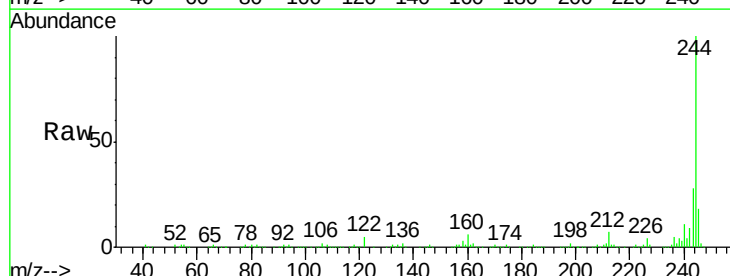
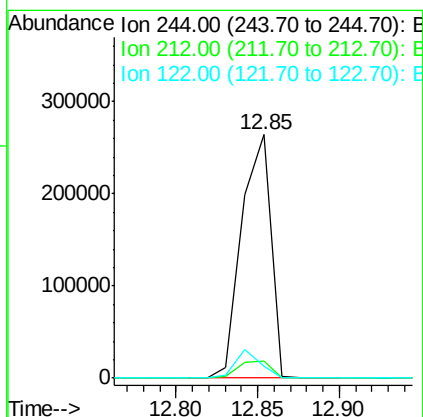
RT: 12.85 min Scan# 942

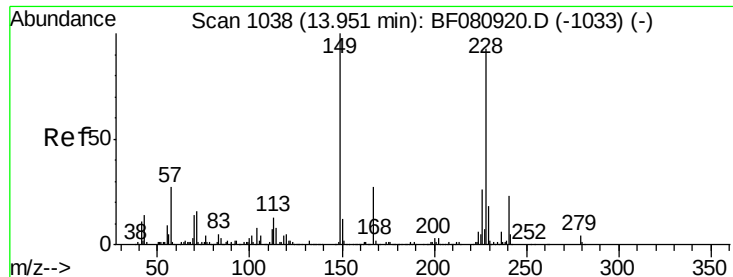
Delta R.T. -0.06 min

Lab File: BF080991.D

Acq: 13 Aug 2015 20:41

Tgt Ion:	244	Resp:	327659
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.8	8.8
122	4.8	9.4	14.2#





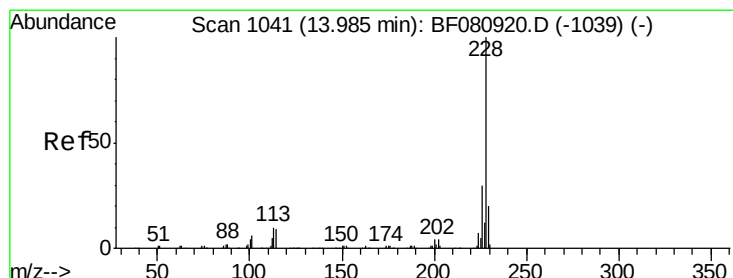
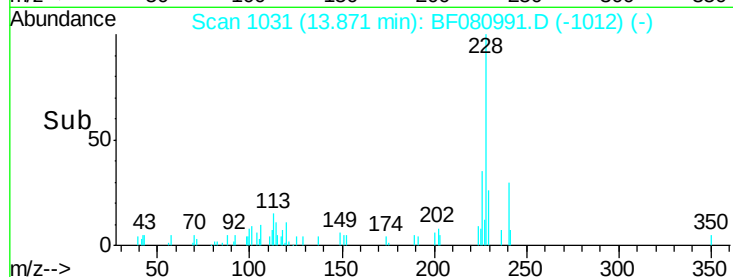
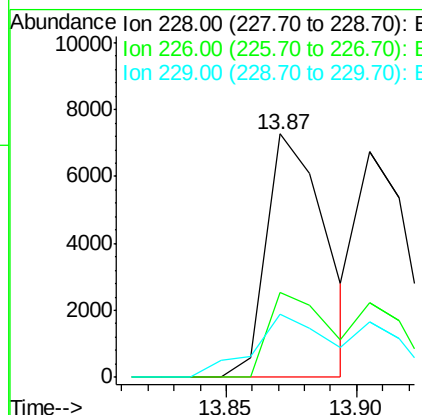
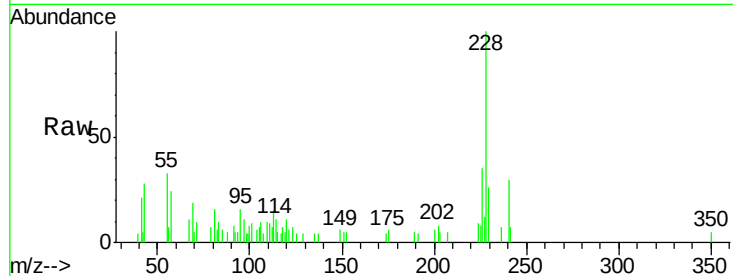
#80
Benzo(a)anthracene
Concen: 2.76 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.08 min
Lab File: BF080991.D
Acq: 13 Aug 2015 20:41

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-017-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.7	22.2	33.2#
229	26.0	15.8	23.6#

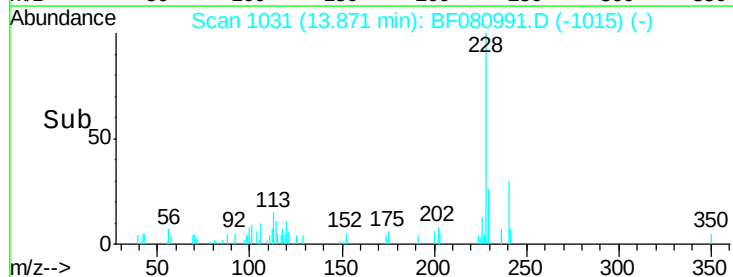
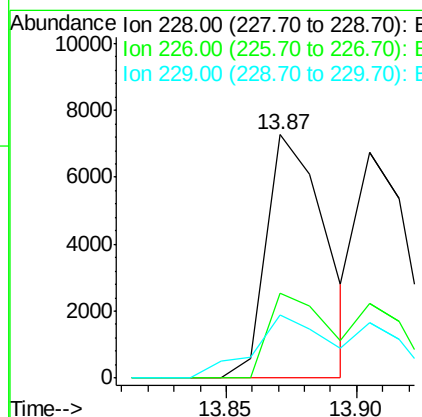
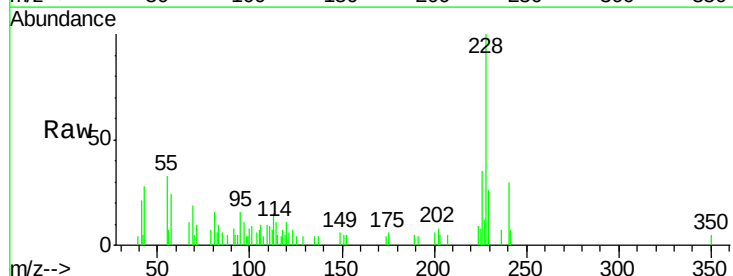
Manual Integrations
APPROVED

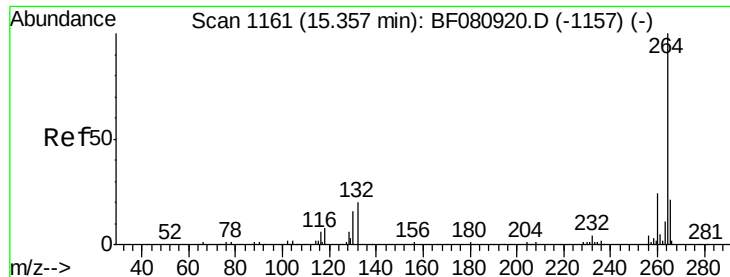
MMDadoda
8/14/2015 3:09:28 PM



#82
Chrysene
Concen: 2.89 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.11 min
Lab File: BF080991.D
Acq: 13 Aug 2015 20:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.7	23.9	35.9
229	26.0	15.8	23.6#





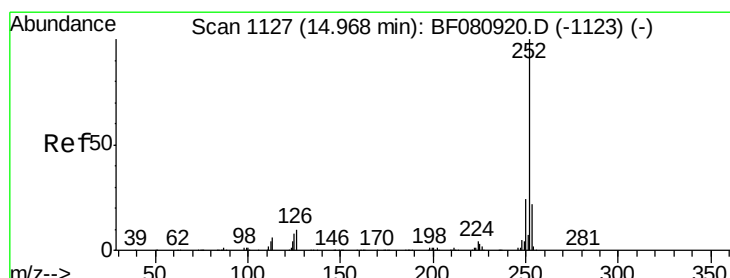
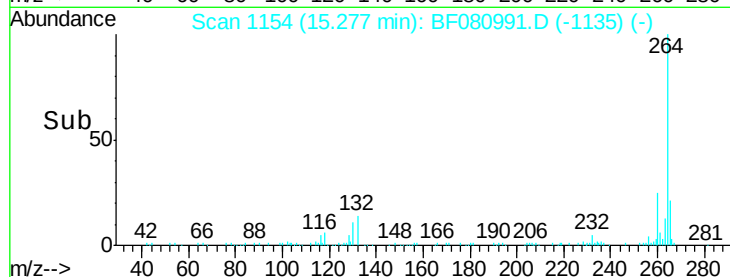
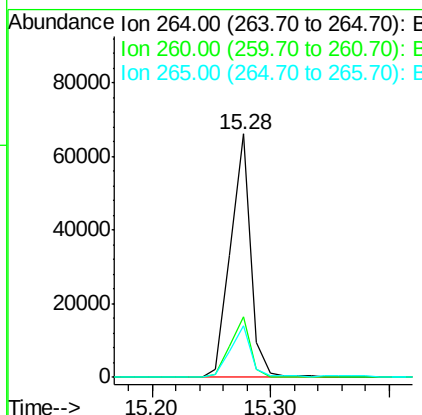
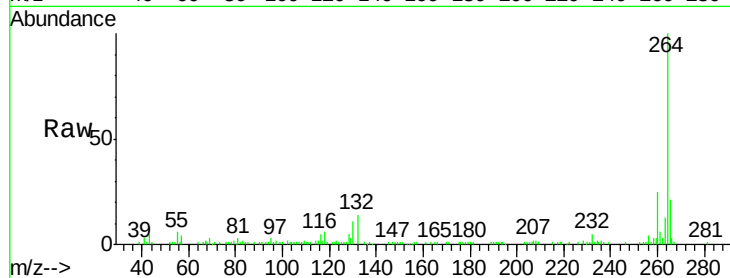
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.08 min
Lab File: BF080991.D
Acq: 13 Aug 2015 20:41

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-017-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.0
265	21.0	17.0	25.4

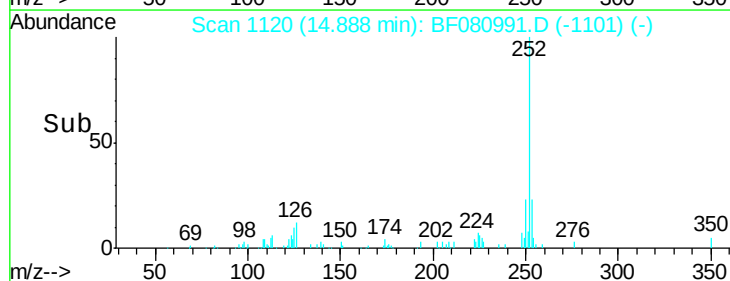
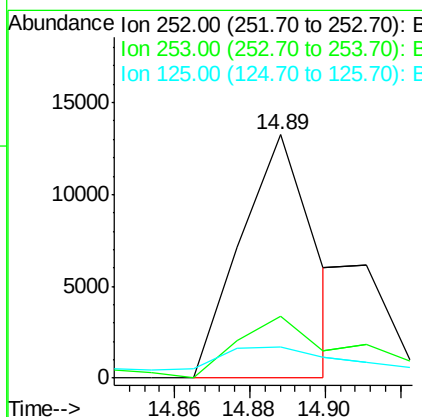
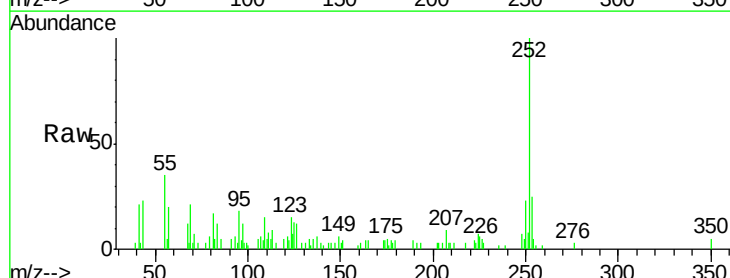
Manual Integrations
APPROVED

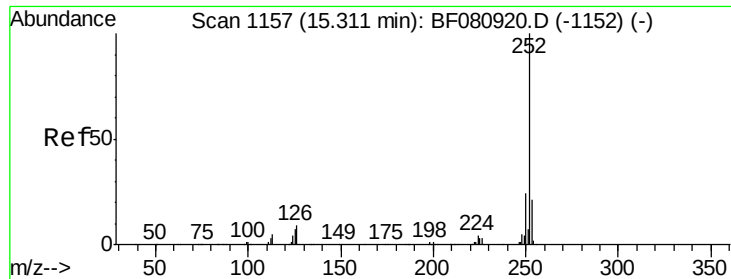
MMDadoda
8/14/2015 3:09:28 PM



#87
Benzo(b)fluoranthene
Concen: 3.35 ng m
RT: 14.89 min Scan# 1120
Delta R.T. -0.08 min
Lab File: BF080991.D
Acq: 13 Aug 2015 20:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.6	26.4
125	12.8	6.1	9.1





#89
 Benzo(a)pyrene
 Concen: 2.70 ng
 RT: 15.21 min Scan# 1148
 Delta R.T. -0.10 min
 Lab File: BF080991.D
 Acq: 13 Aug 2015 20:41

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-017-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.1	16.9	25.3#
125	21.7	5.8	8.8#

Manual Integrations
 APPROVED

MMDadoda
 8/14/2015 3:09:28 PM

