

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081315\
 Data File : BF080992.D
 Acq On : 13 Aug 2015 21:12
 Operator : UM/IZ
 Sample : G3252-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 8/14/2015 3:09:33 PM

Quant Time: Aug 14 07:45:06 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	46378	20.00	ng	-0.06
21) Naphthalene-d8	8.03	136	163775	20.00	ng	-0.07
38) Acenaphthene-d10	9.78	164	73681	20.00	ng	-0.07
63) Phenanthrene-d10	11.26	188	138217	20.00	ng	-0.06
75) Chrysene-d12	13.88	240	37501	20.00	ng	-0.08
86) Perylene-d12	15.28	264	35738	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	331337	116.73	ng	-0.03
7) Phenol-d6	6.40	99	577940	148.58	ng	-0.05
23) Nitrobenzene-d5	7.32	82	385581	111.36	ng	-0.06
41) 2,4,6-Tribromophenol	10.57	330	79597	98.33	ng	-0.07
44) 2-Fluorobiphenyl	9.12	172	525684	100.44	ng	-0.06
78) Terphenyl-d14	12.84	244	154563	85.13	ng	-0.07
Target Compounds						Qvalue
49) Dimethylphthalate	9.50	163	82051	13.41	ng	100
74) Fluoranthene	12.47	202	17153	2.03	ng	97
77) Pyrene	12.69	202	10474	3.78	ng	97
79) Butylbenzylphthalate	13.32	149	8037	6.02	ng	# 77
80) Benzo(a)anthracene	13.87	228	5284	2.23	ng	# 92
87) Benzo(b)fluoranthene	14.89	252	6233m	2.51	ng	

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

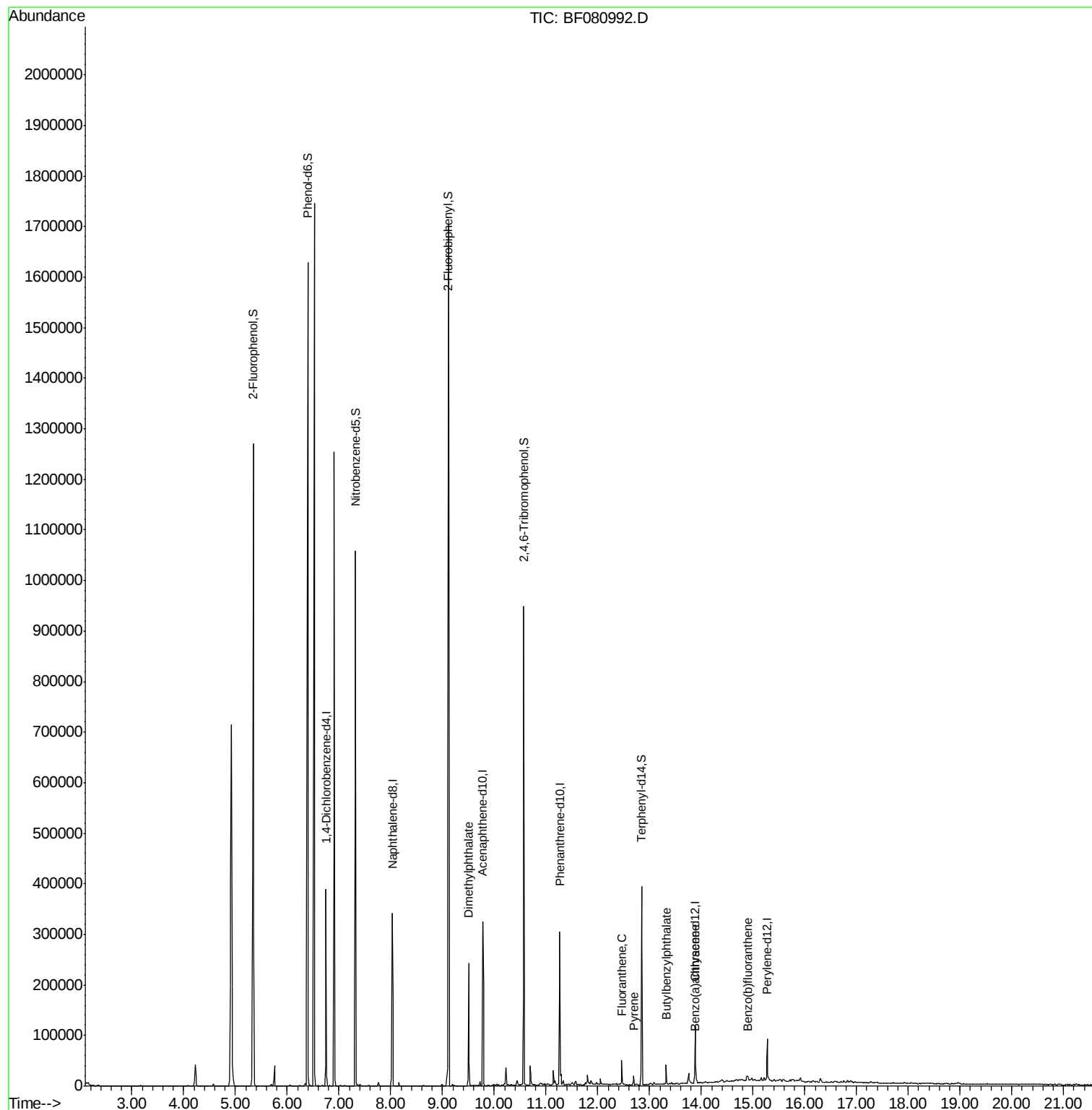
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081315\
Data File : BF080992.D
Acq On : 13 Aug 2015 21:12
Operator : UM/IZ
Sample : G3252-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

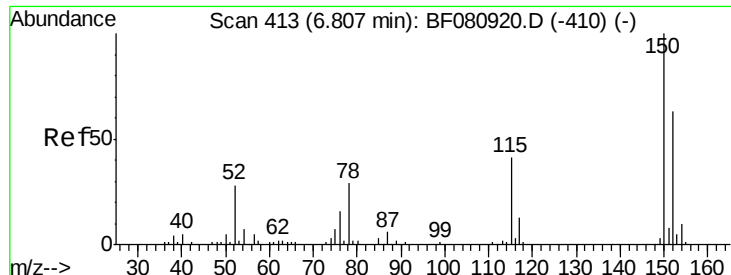
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-017-B

Manual Integrations
APPROVED

MMDadoda
8/14/2015 3:09:33 PM

Quant Time: Aug 14 07:45:06 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

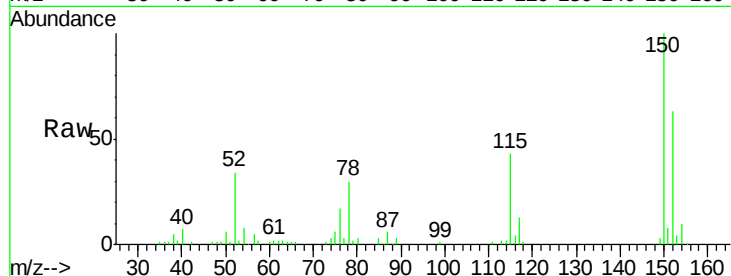
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.06 min
Lab File: BF080992.D
Acq: 13 Aug 2015 21:12

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	127.4	191.2
115	67.6	52.6	78.8

Manual Integrations
APPROVED

MMDadoda
8/14/2015 3:09:33 PM



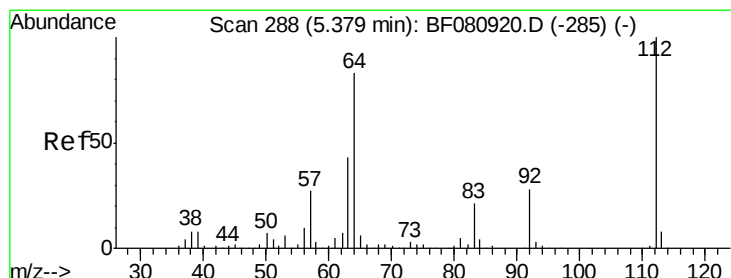
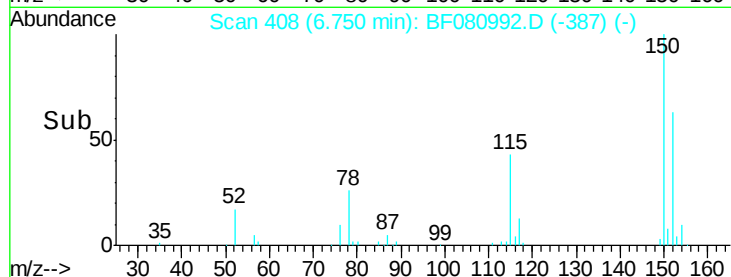
Abundance

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

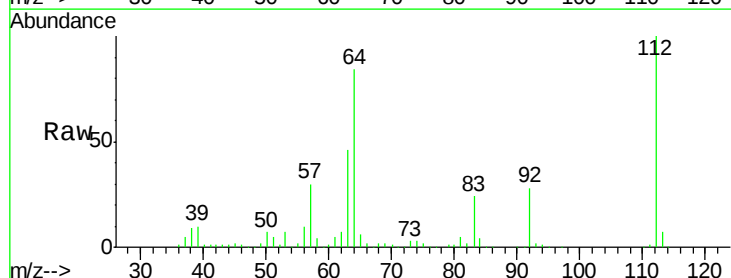
Time-->



#5

2-Fluorophenol
Concen: 116.73 ng
RT: 5.34 min Scan# 285
Delta R.T. -0.03 min
Lab File: BF080992.D
Acq: 13 Aug 2015 21:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	84.0	66.1	99.1
63	46.1	34.6	52.0



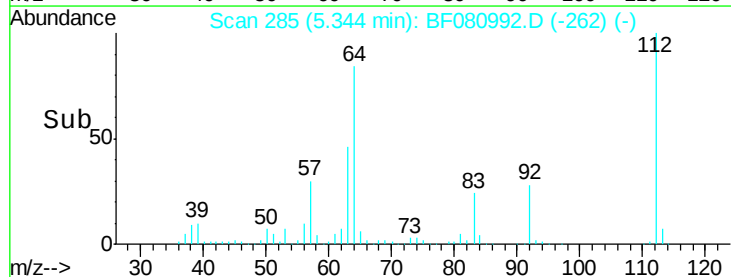
Abundance

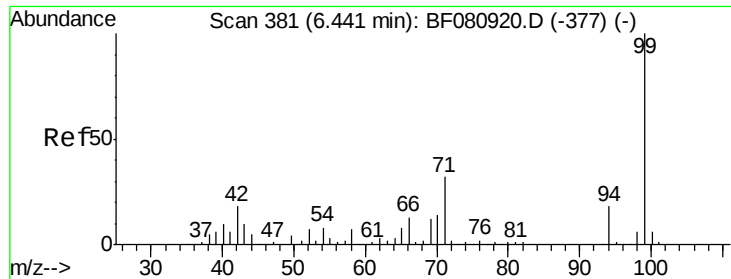
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->





#7

Phenol-d6

Concen: 148.58 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF080992.D

Acq: 13 Aug 2015 21:12

Instrument :

BNA_F

ClientSampleId :

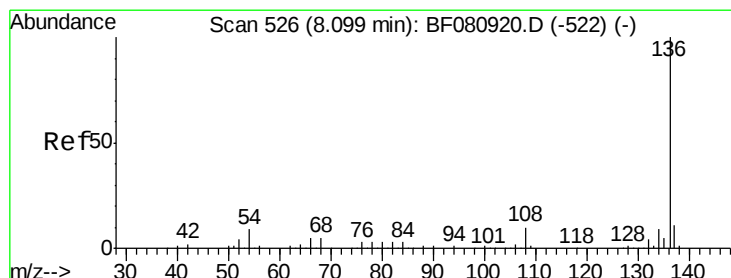
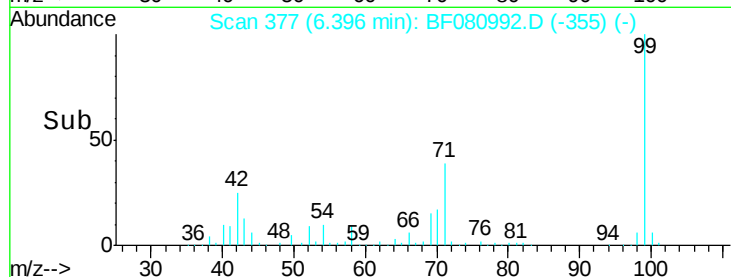
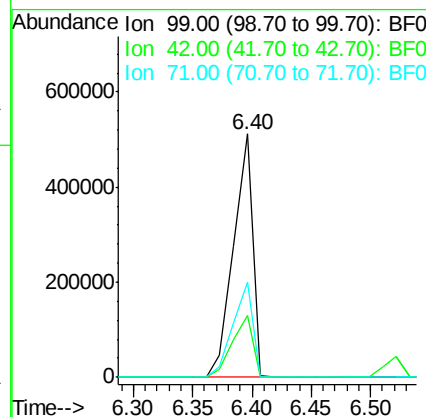
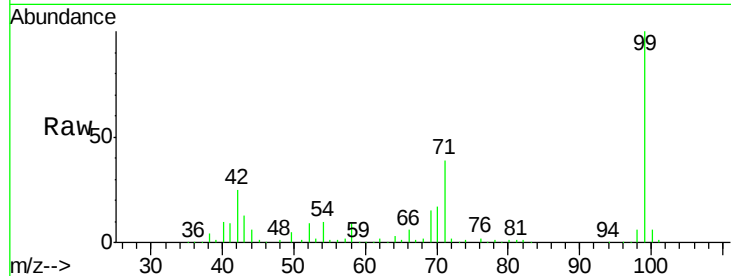
FK-GF-01-017-B

Tot Ion: 99 Resp: 577940

Ion	Ratio	Lower	Upper
99	100		
42	25.4	14.4	21.6#
71	39.3	25.8	38.8#

Manual Integrations
APPROVED

MMDadoda
8/14/2015 3:09:33 PM



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

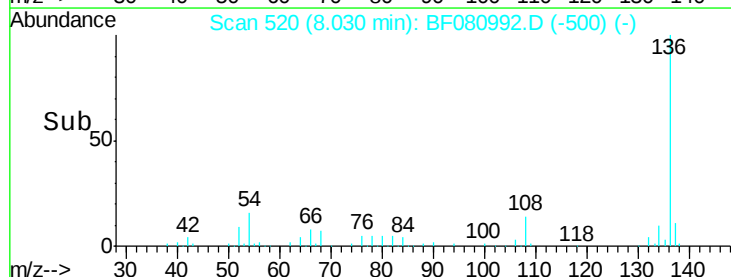
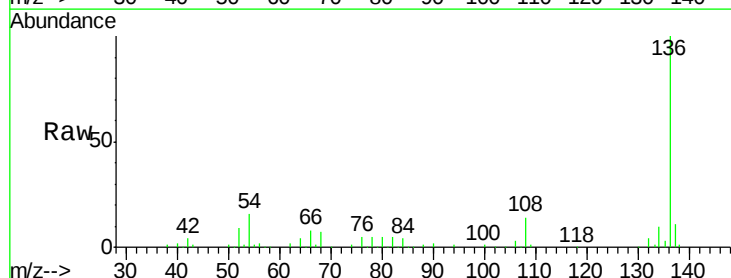
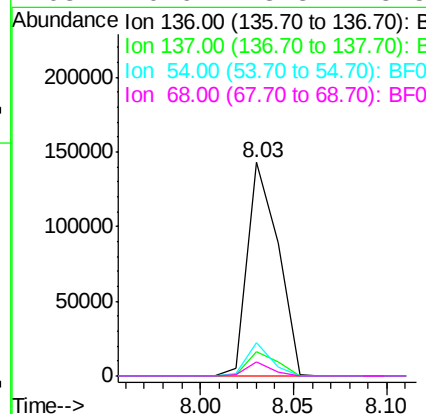
Delta R.T. -0.07 min

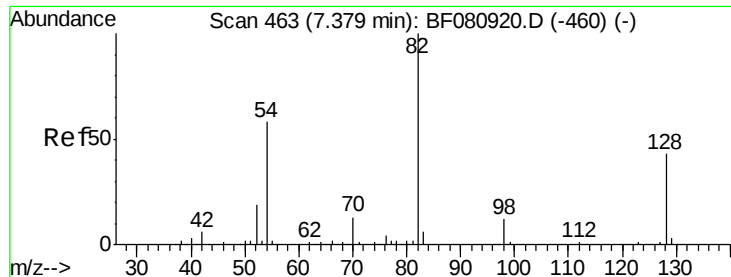
Lab File: BF080992.D

Acq: 13 Aug 2015 21:12

Tgt Ion: 136 Resp: 163775

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	15.7	7.1	10.7#
68	6.6	3.8	5.8#





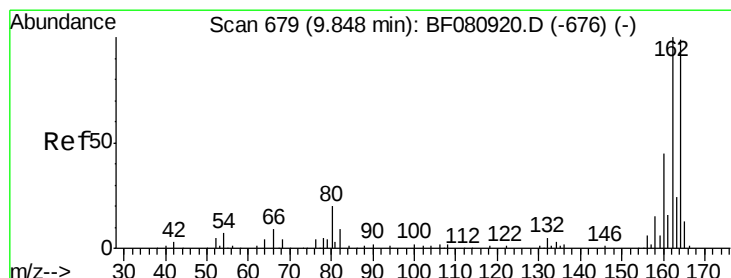
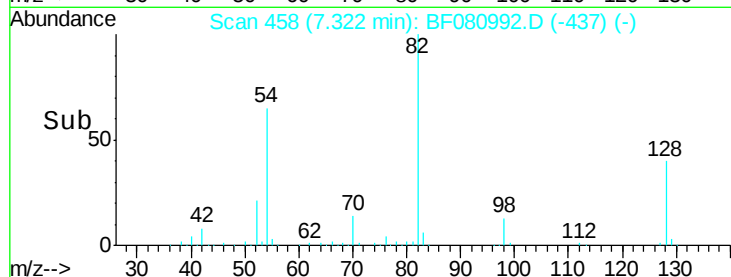
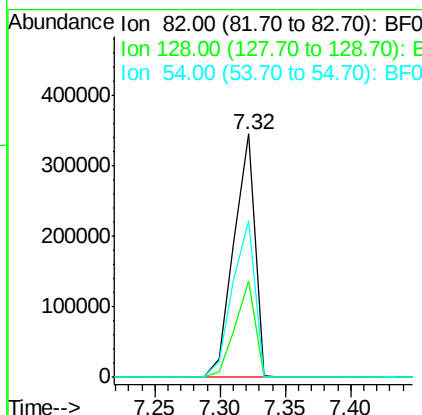
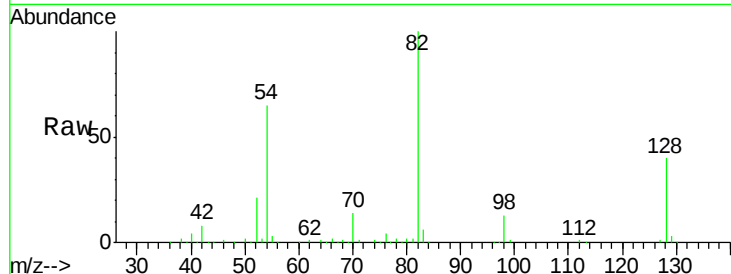
#23
 Nitrobenzene-d5
 Concen: 111.36 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.06 min
 Lab File: BF080992.D
 Acq: 13 Aug 2015 21:12

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

Tot Ion:	82	Resp:	385581
Ion Ratio	Lower	Upper	
82	100		
128	39.6	34.1	51.1
54	64.6	46.5	69.7

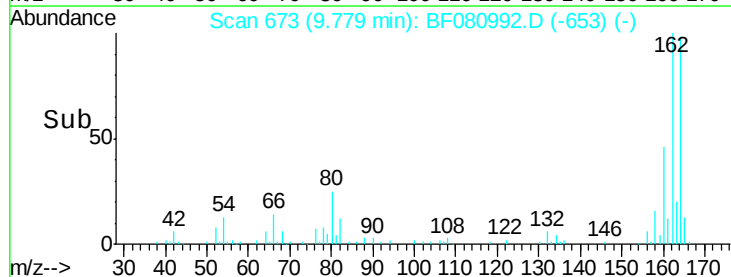
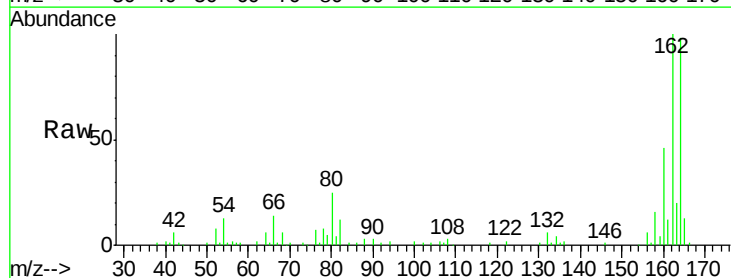
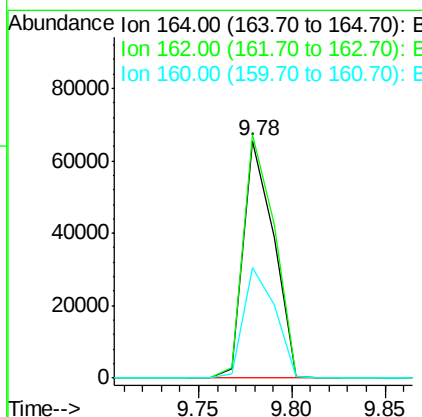
Manual Integrations
 APPROVED

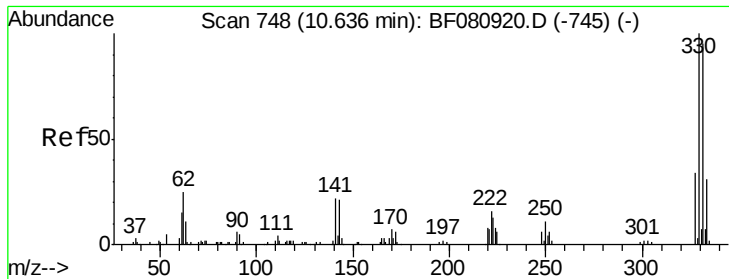
MMDadoda
 8/14/2015 3:09:33 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.07 min
 Lab File: BF080992.D
 Acq: 13 Aug 2015 21:12

Tgt Ion:	164	Resp:	73681
Ion Ratio	Lower	Upper	
164	100		
162	102.6	80.5	120.7
160	46.8	36.6	54.8





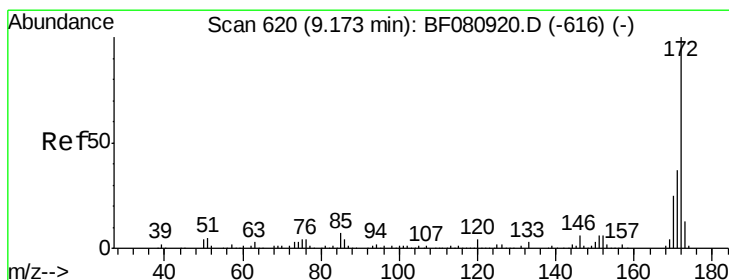
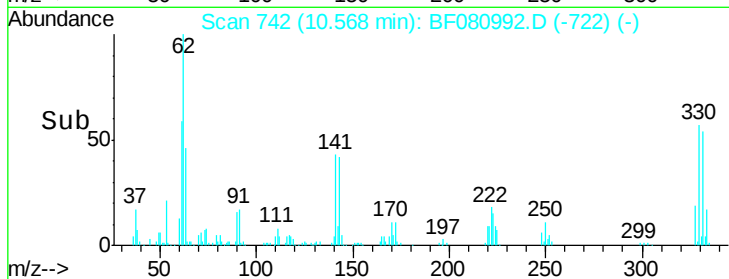
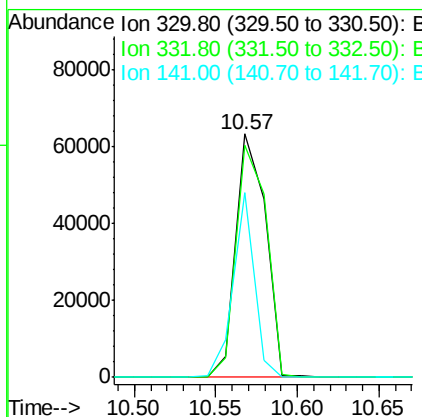
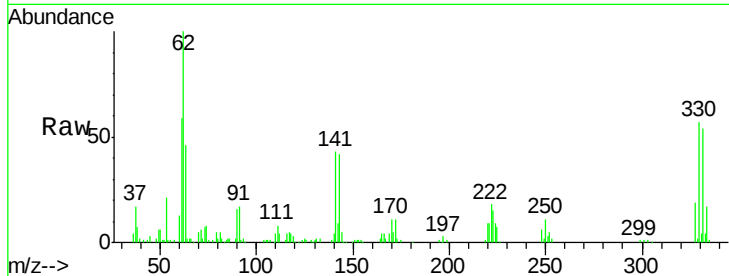
#41
 2,4,6-Tribromophenol
 Concen: 98.33 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.07 min
 Lab File: BF080992.D
 Acq: 13 Aug 2015 21:12

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100	79597		
332	97.9		76.2	114.4
141	53.6		27.8	41.8#

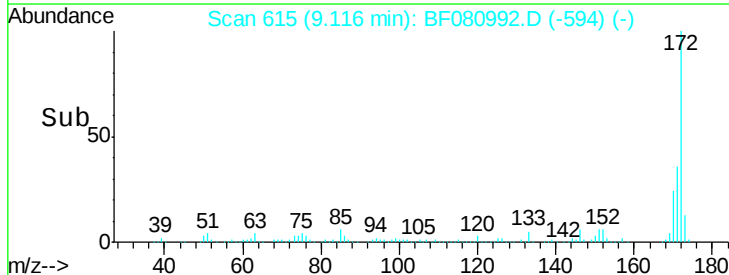
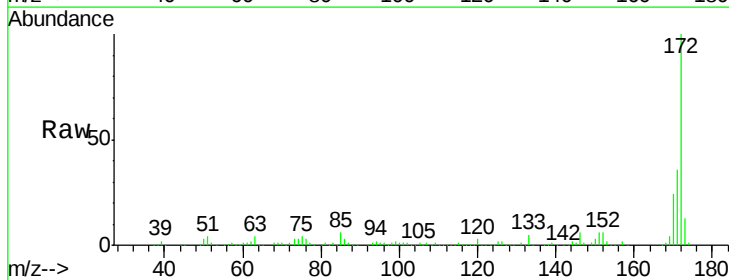
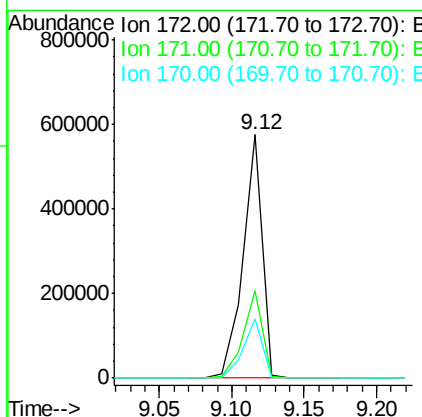
Manual Integrations
 APPROVED

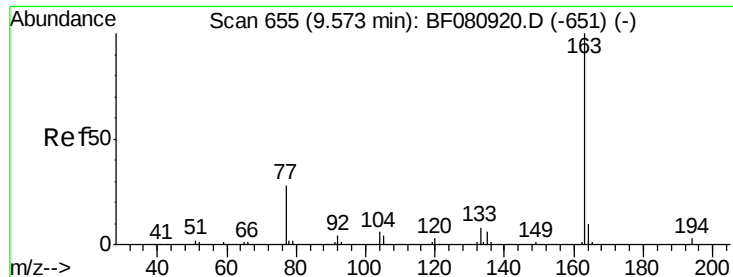
MMDadoda
 8/14/2015 3:09:33 PM



#44
 2-Fluorobiphenyl
 Concen: 100.44 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF080992.D
 Acq: 13 Aug 2015 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	525684		
171	35.7		29.4	44.0
170	24.4		19.7	29.5





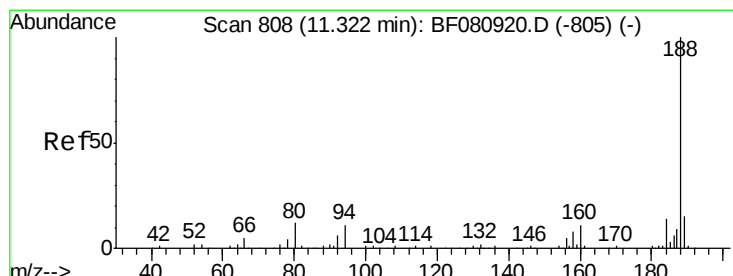
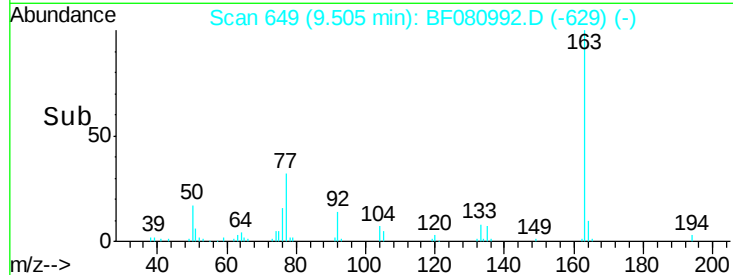
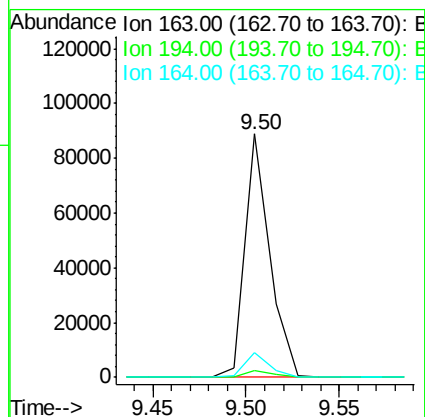
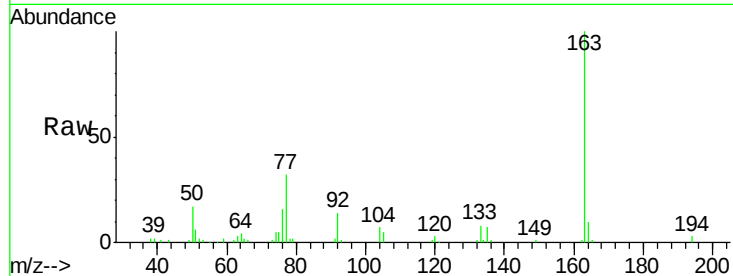
#49
Dimethylphthalate
Concen: 13.41 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.07 min
Lab File: BF080992.D
Acq: 13 Aug 2015 21:12

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

Tot Ion	Ratio	Resp	Lower	Upper
163	100	82051		
194	2.8		2.4	3.6
164	10.3		8.2	12.4

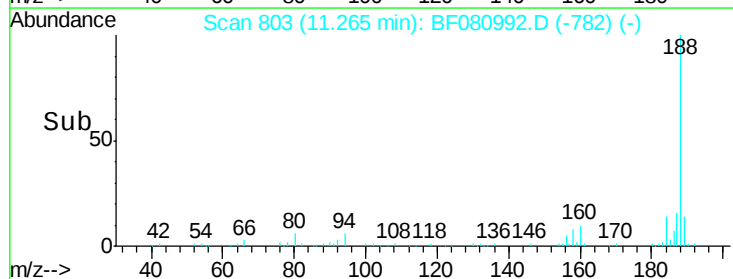
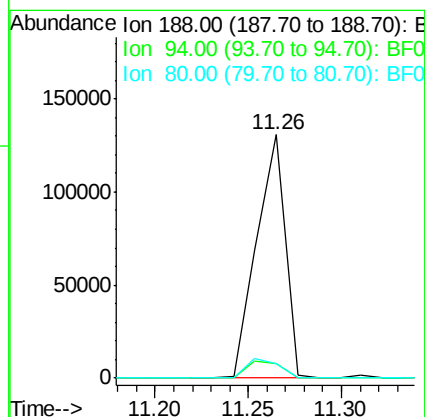
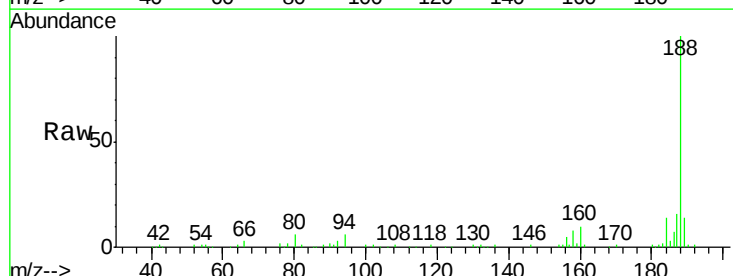
Manual Integrations
APPROVED

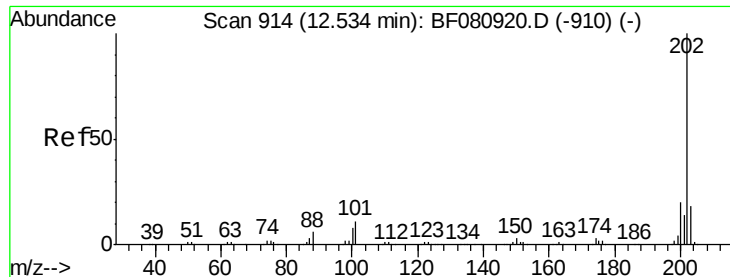
MMDadoda
8/14/2015 3:09:33 PM



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.06 min
Lab File: BF080992.D
Acq: 13 Aug 2015 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	138217		
94	5.9		8.8	13.2#
80	5.9		9.5	14.3#





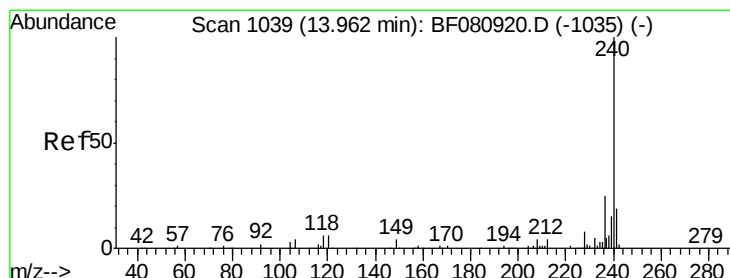
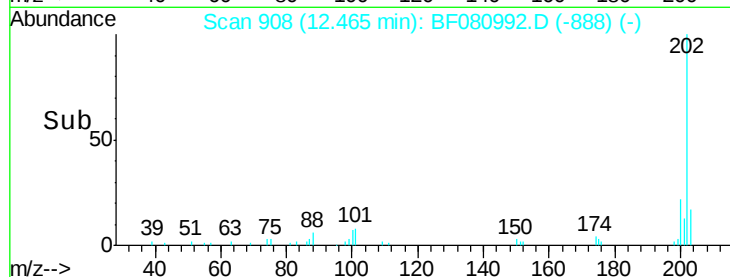
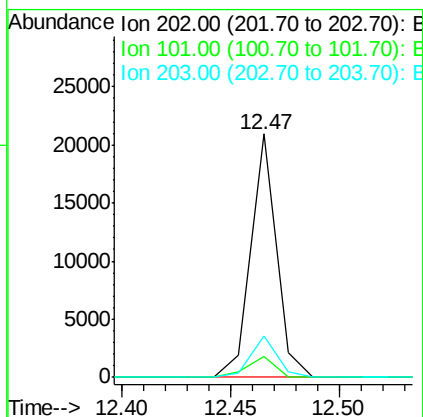
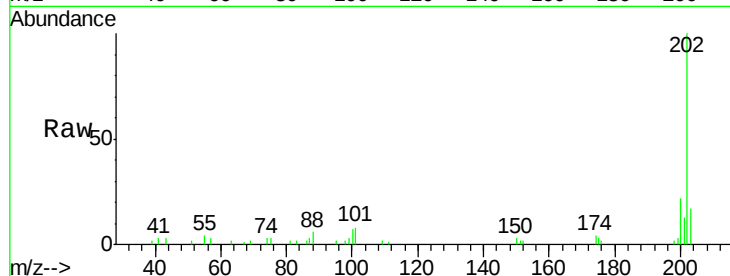
#74
Fluoranthene
Concen: 2.03 ng
RT: 12.47 min Scan# 908
Delta R.T. -0.07 min
Lab File: BF080992.D
Acq: 13 Aug 2015 21:12

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

Tot Ion	Ratio	Resp	Lower	Upper
202	100	17153		
101	8.3	0.0	30.5	
203	17.2	0.0	37.7	

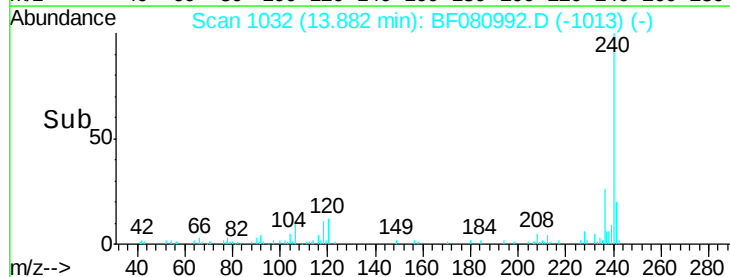
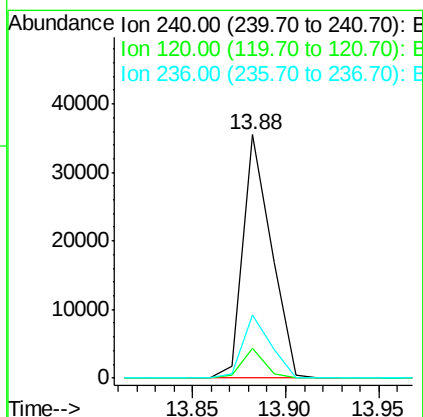
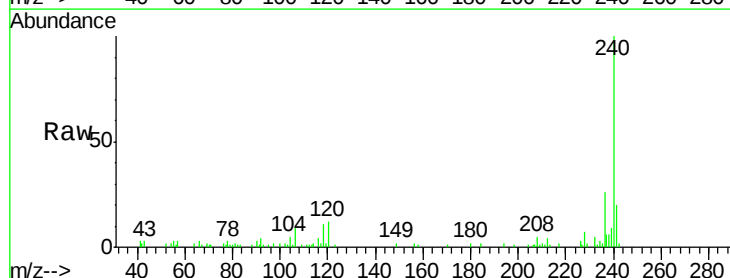
Manual Integrations
APPROVED

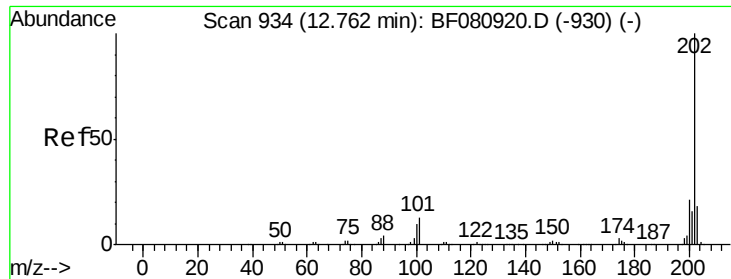
MMDadoda
8/14/2015 3:09:33 PM



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.08 min
Lab File: BF080992.D
Acq: 13 Aug 2015 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	37501		
120	12.2	5.2	7.8#	
236	26.1	20.2	30.4	





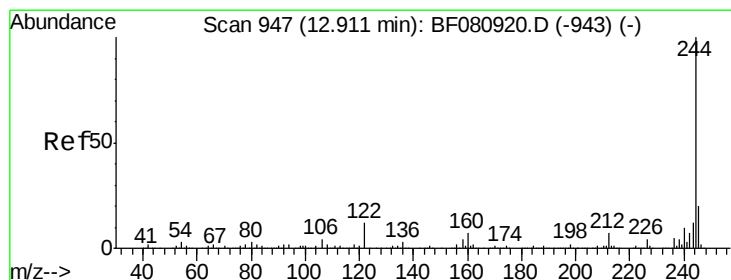
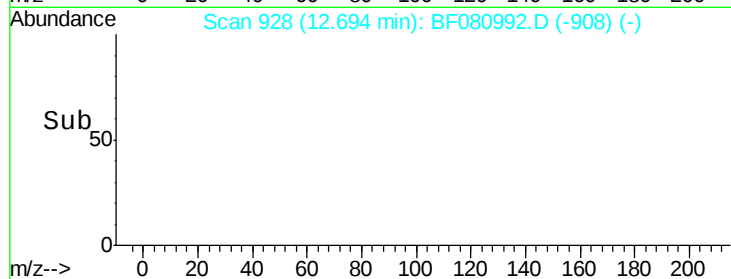
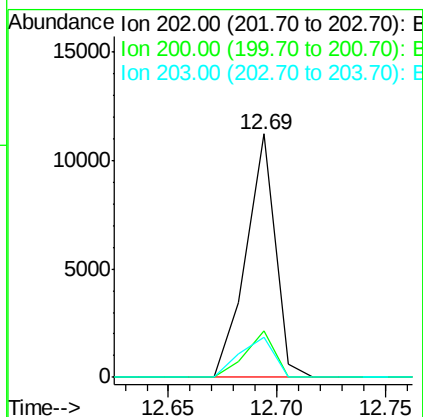
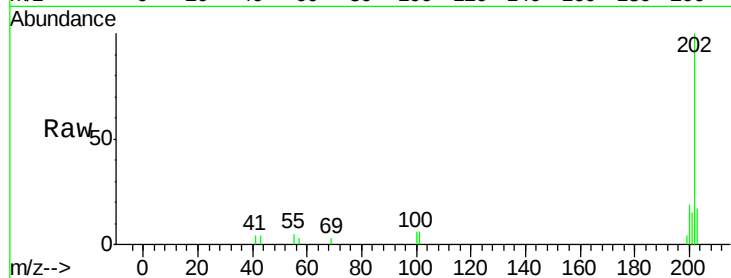
#77
Pvrene
Concen: 3.78 ng
RT: 12.69 min Scan# 928
Delta R.T. -0.07 min
Lab File: BF080992.D
Acq: 13 Aug 2015 21:12

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

Tot Ion:	202	Resp:	10474
Ion Ratio	Lower	Upper	
202	100		
200	19.2	16.6	24.8
203	16.6	14.2	21.2

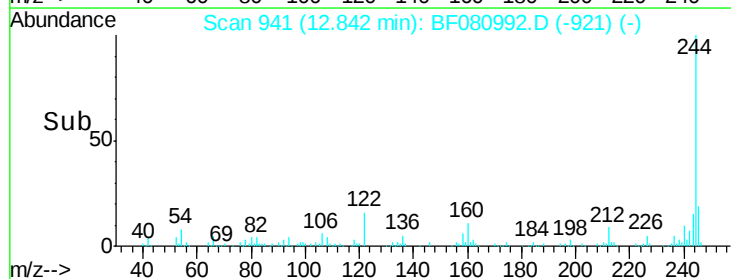
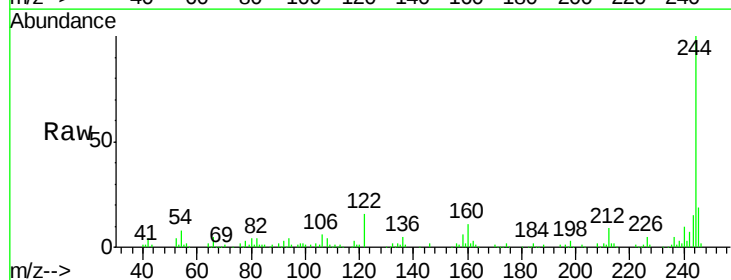
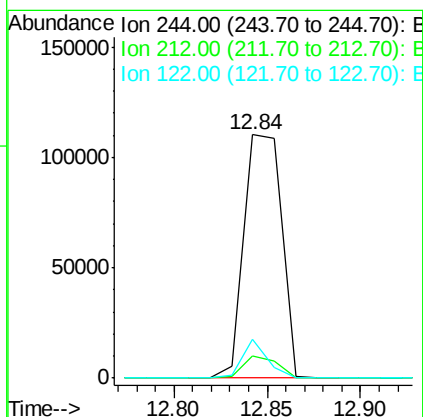
Manual Integrations
APPROVED

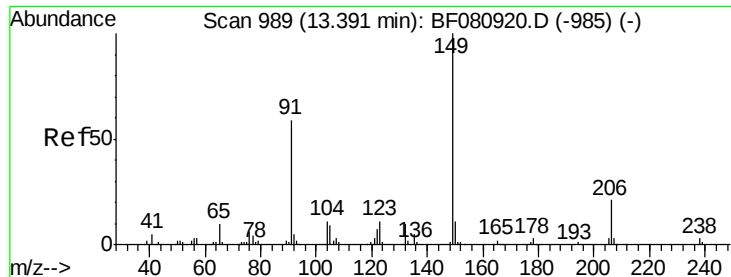
MMDadoda
8/14/2015 3:09:33 PM



#78
Terphenyl-d14
Concen: 85.13 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.07 min
Lab File: BF080992.D
Acq: 13 Aug 2015 21:12

Tgt Ion:	244	Resp:	154563
Ion Ratio	Lower	Upper	
244	100		
212	9.0	5.8	8.8#
122	16.1	9.4	14.2#





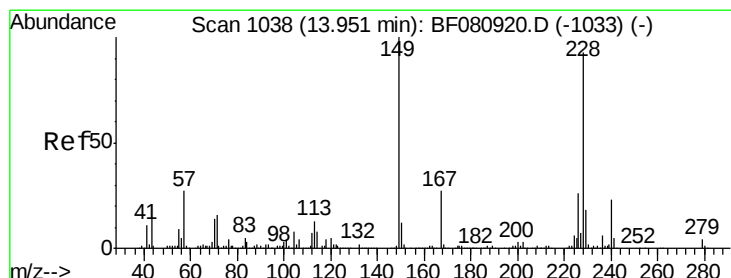
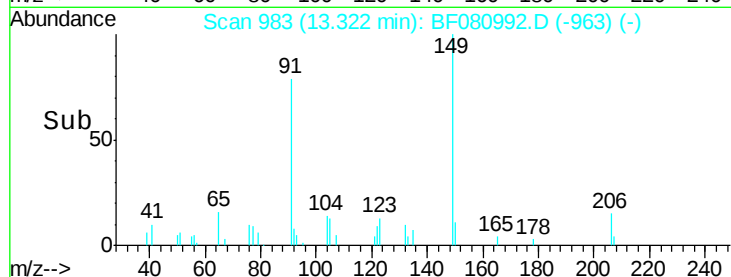
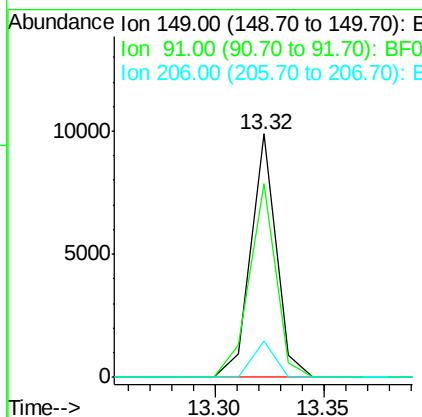
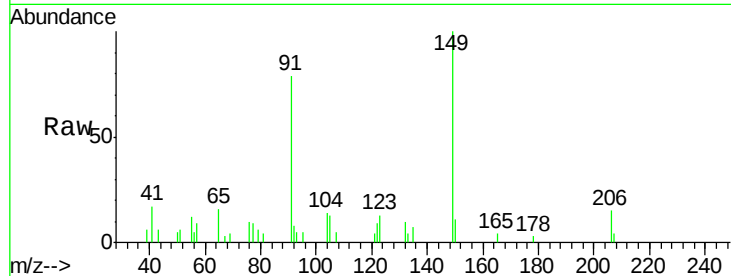
#79
Butylbenzylphthalate
Concen: 6.02 ng
RT: 13.32 min Scan# 983
Delta R.T. -0.07 min
Lab File: BF080992.D
Acq: 13 Aug 2015 21:12

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	8037		
91	79.4	47.2	70.8#	
206	15.0	16.5	24.7#	

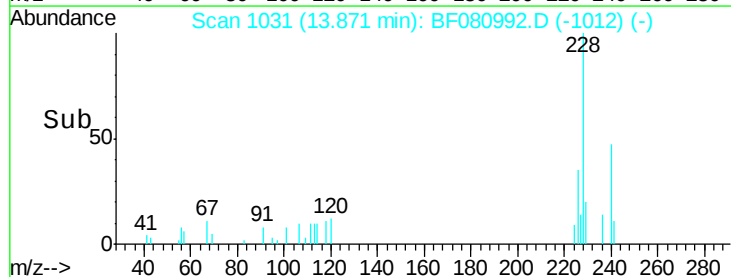
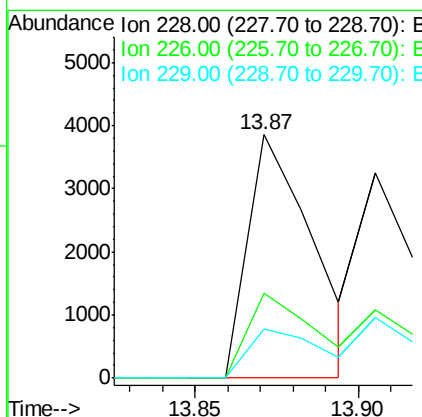
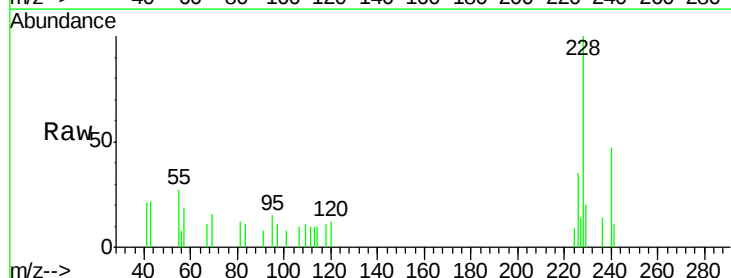
Manual Integrations
APPROVED

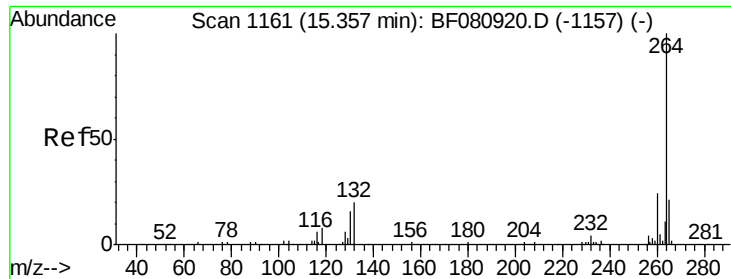
MMDadoda
8/14/2015 3:09:33 PM



#80
Benzo(a)anthracene
Concen: 2.23 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.08 min
Lab File: BF080992.D
Acq: 13 Aug 2015 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	5284		
226	34.8	22.2	33.2#	
229	20.1	15.8	23.6	





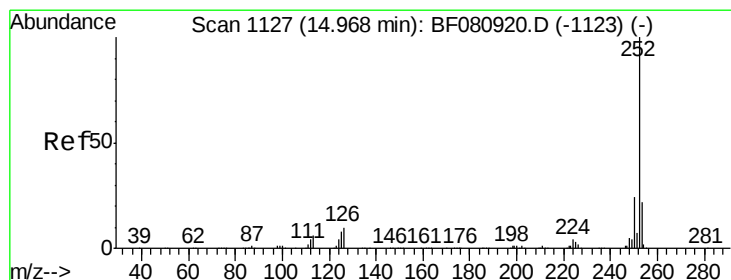
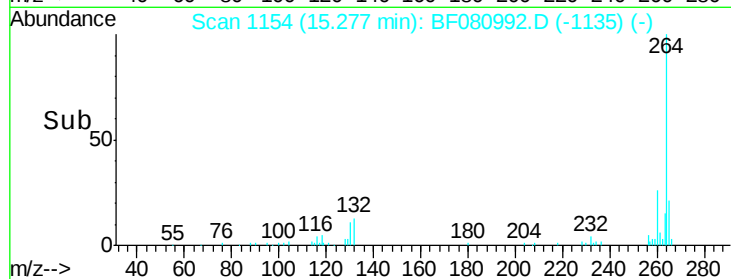
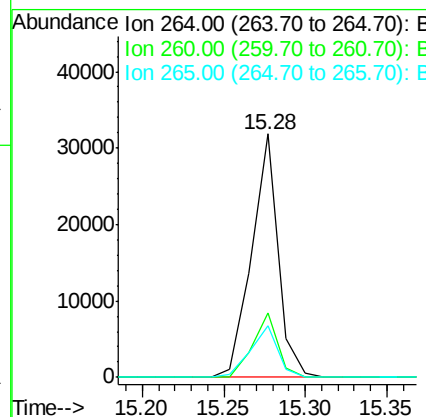
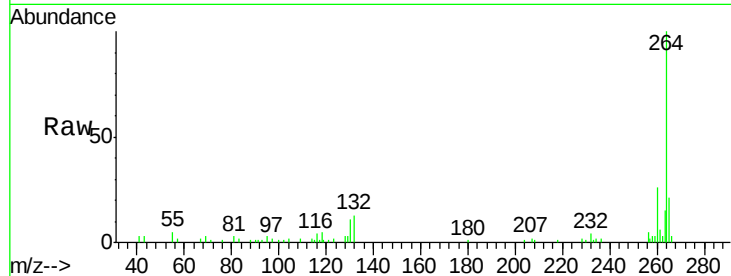
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.08 min
Lab File: BF080992.D
Acq: 13 Aug 2015 21:12

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.4	19.4	29.0
265	21.5	17.0	25.4

Manual Integrations
APPROVED

MMDadoda
8/14/2015 3:09:33 PM



#87
Benzo(b)fluoranthene
Concen: 2.51 ng m
RT: 14.89 min Scan# 1120
Delta R.T. -0.08 min
Lab File: BF080992.D
Acq: 13 Aug 2015 21:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.6	17.6	26.4#
125	14.6	6.1	9.1#

