

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
 Data File : BF081412.D
 Acq On : 4 Sep 2015 9:57
 Operator : UM/IZ
 Sample : G3505-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P005-BF001-02

Manual Integrations
 APPROVED

MMDadoda
 9/4/2015 2:52:00 PM

Quant Time: Sep 04 13:26:54 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	62602	20.00	ng	-0.02
21) Naphthalene-d8	7.66	136	239267	20.00	ng	-0.02
38) Acenaphthene-d10	9.39	164	100885	20.00	ng	-0.02
63) Phenanthrene-d10	10.86	188	198032	20.00	ng	-0.02
75) Chrysene-d12	13.46	240	122674	20.00	ng	-0.03
86) Perylene-d12	14.78	264	103492	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.92	112	475703	117.90	ng	0.00
7) Phenol-d6	6.04	99	706769	132.33	ng	-0.01
23) Nitrobenzene-d5	6.95	82	447594	90.25	ng	-0.02
41) 2,4,6-Tribromophenol	10.18	330	105568	117.52	ng	-0.02
44) 2-Fluorobiphenyl	8.74	172	654152	83.09	ng	-0.02
78) Terphenyl-d14	12.44	244	488580	92.71	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.14	163	128075	16.34	ng	# 97
74) Fluoranthene	12.06	202	49243	4.13	ng	89
77) Pyrene	12.27	202	43423m	4.78	ng	
80) Benzo(a)anthracene	13.46	228	18414	2.36	ng	94
82) Chrysene	13.50	228	18780m	2.68	ng	
85) Indeno(1,2,3-cd)pyrene	15.85	276	10515	2.05	ng	# 89
87) Benzo(b)fluoranthene	14.45	252	27263m	3.69	ng	
89) Benzo(a)pyrene	14.73	252	16277m	2.60	ng	
91) Benzo(g,h,i)perylene	16.17	276	10214	2.21	ng	# 78

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

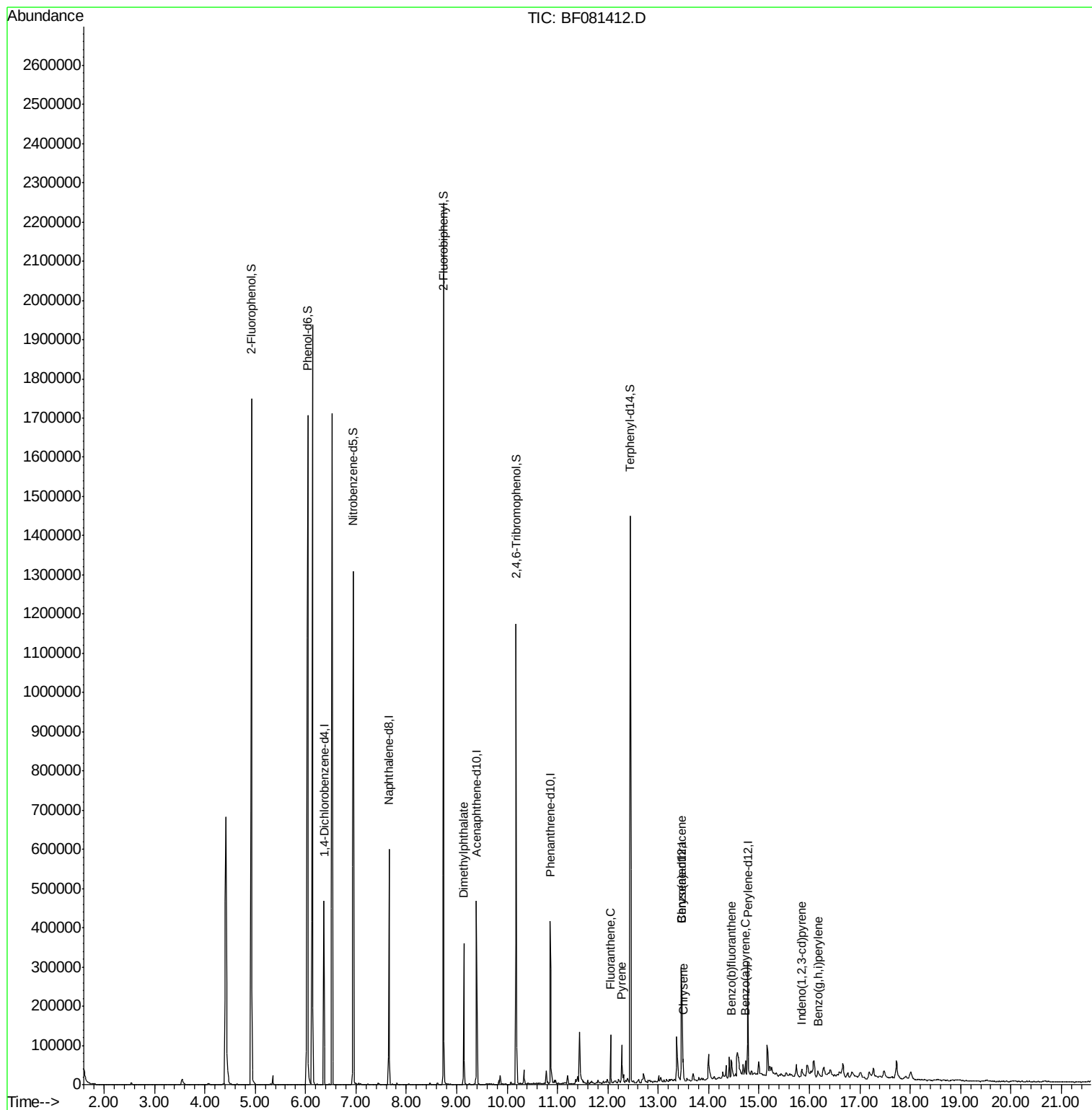
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081412.D
Acq On : 4 Sep 2015 9:57
Operator : UM/IZ
Sample : G3505-04
Misc :
ALS Vial : 34 Sample Multiplier: 1

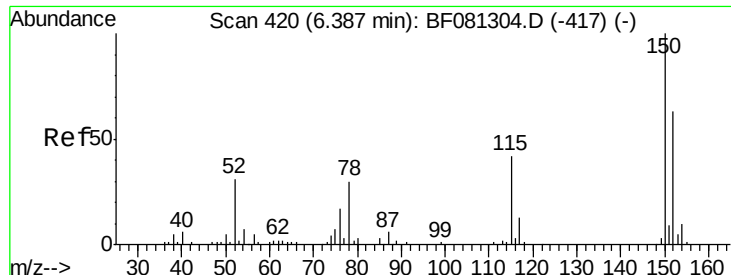
Instrument :
BNA_F
ClientSampleId :
P005-BF001-02

Manual Integrations
APPROVED

MMDadoda
9/4/2015 2:52:00 PM

Quant Time: Sep 04 13:26:54 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 17:35:35 2015
Response via : Initial Calibration





#1

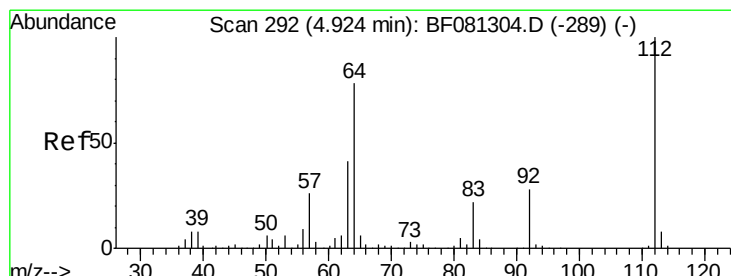
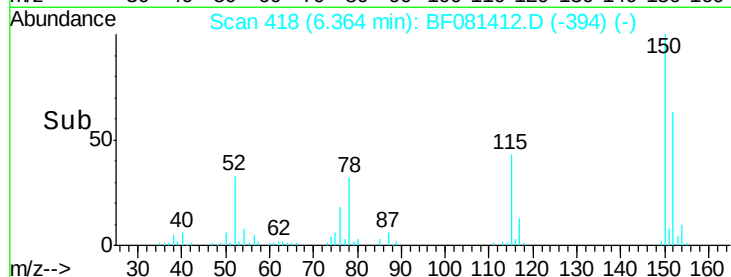
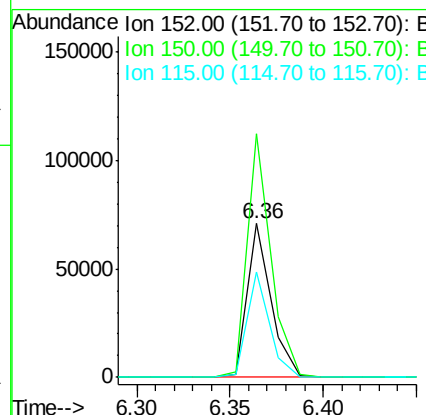
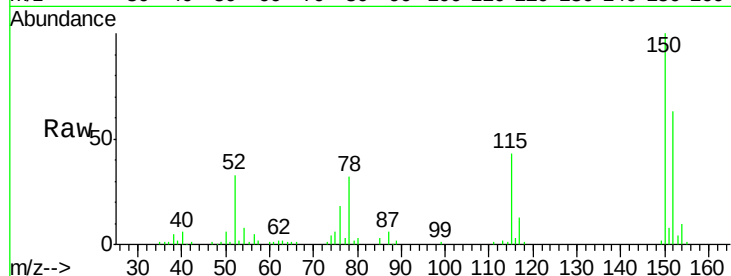
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.36 min Scan# 418
Delta R.T. -0.02 min
Lab File: BF081412.D
Acq: 4 Sep 2015 9:57

Instrument :
BNA_F
ClientSampleId :
P005-BF001-02

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.7	187.1
115	68.5	39.0	58.4#

Manual Integrations
APPROVED

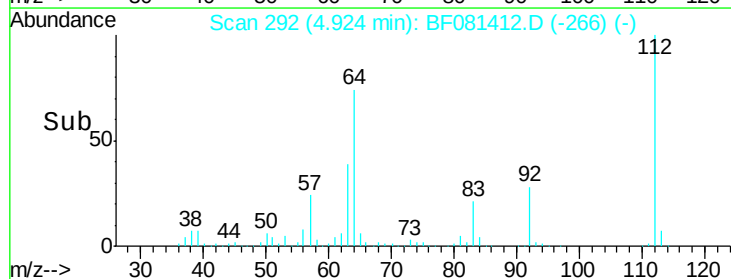
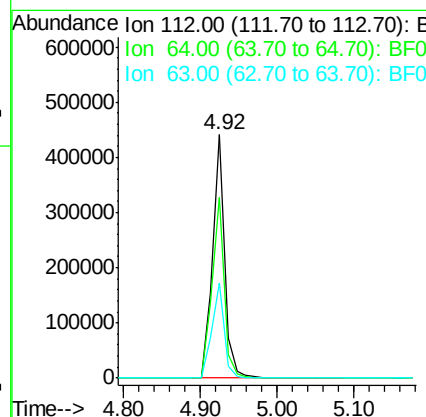
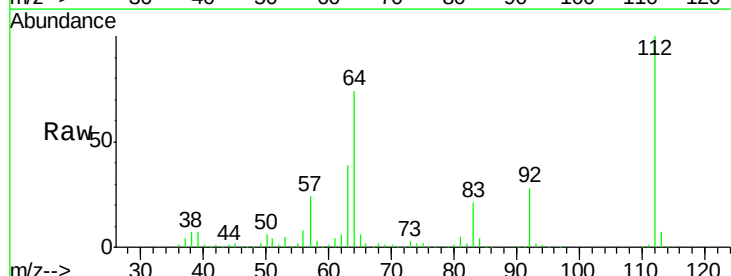
MMDadoda
9/4/2015 2:52:00 PM

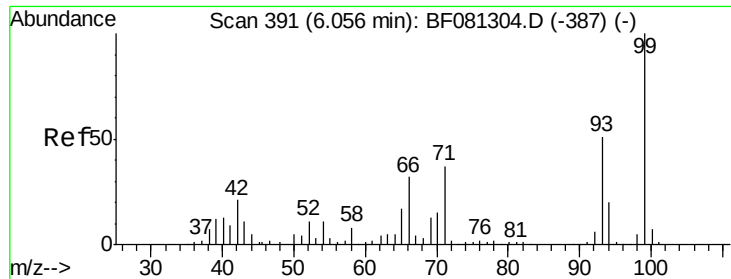


#5

2-Fluorophenol
Concen: 117.90 ng
RT: 4.92 min Scan# 292
Delta R.T. 0.00 min
Lab File: BF081412.D
Acq: 4 Sep 2015 9:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.1	39.7	59.5#
63	39.1	17.4	26.0#





#7

Phenol-d6

Concen: 132.33 ng

RT: 6.04 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF081412.D

Acq: 4 Sep 2015 9:57

Instrument :

BNA_F

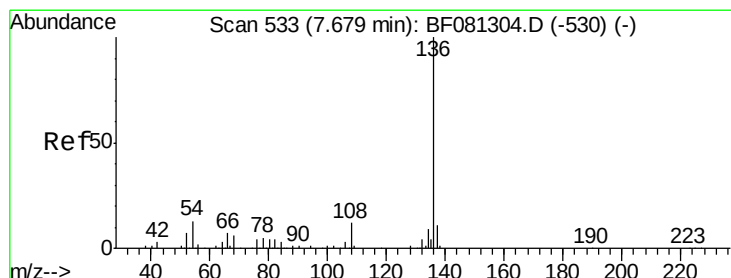
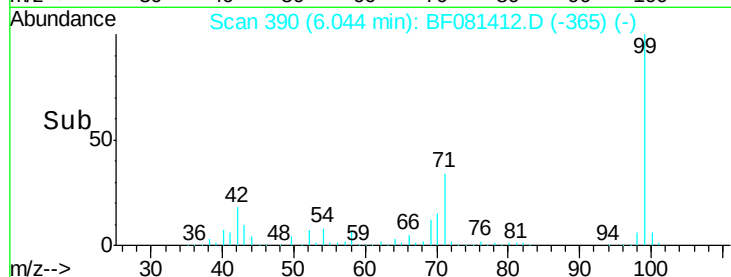
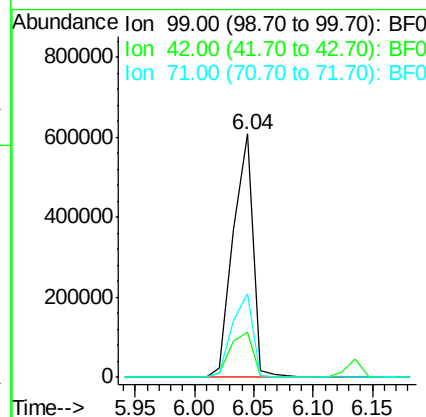
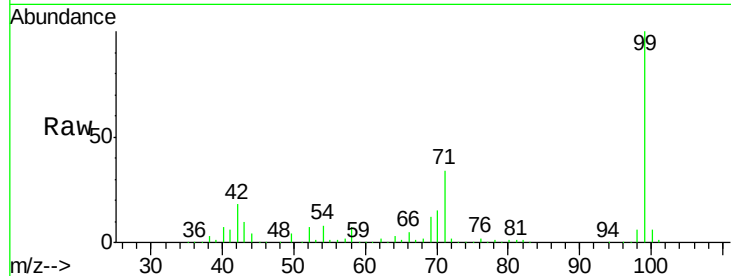
ClientSampleId :

P005-BF001-02

Tot Ion:	99	Resp:	706769
Ion Ratio	Lower	Upper	
99	100		
42	18.4	13.7	20.5
71	34.3	14.2	21.2#

Manual Integrations
APPROVED

MMDadoda
9/4/2015 2:52:00 PM



#21

Naphthalene-d8

Concen: 20.00 ng

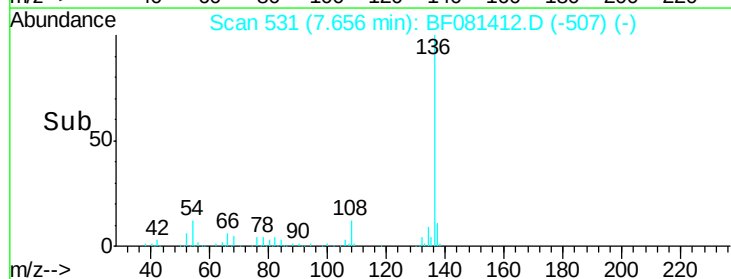
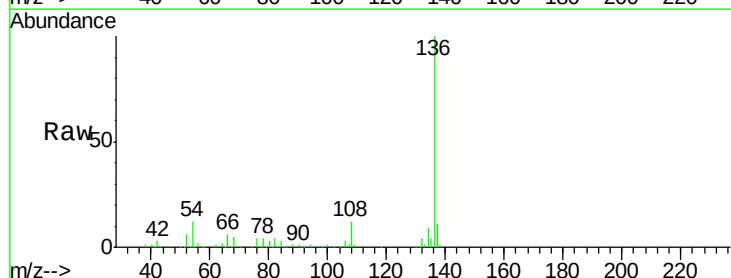
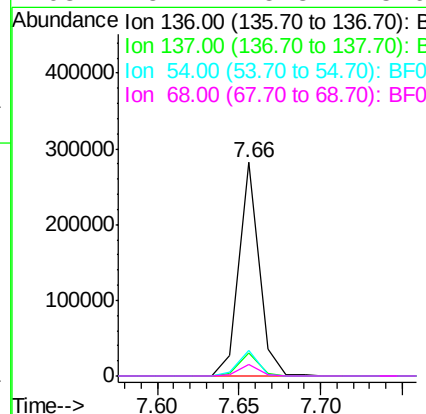
RT: 7.66 min Scan# 531

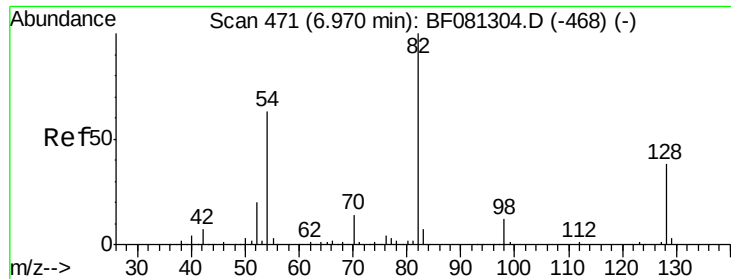
Delta R.T. -0.02 min

Lab File: BF081412.D

Acq: 4 Sep 2015 9:57

Tgt Ion:	136	Resp:	239267
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.0	13.6
54	11.9	8.2	12.2
68	5.4	5.8	8.6#





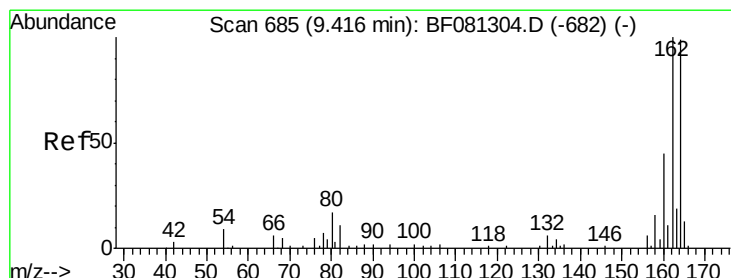
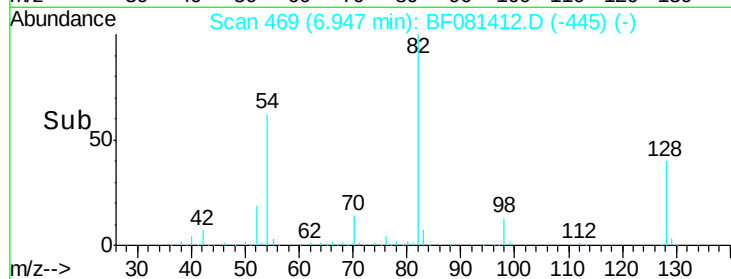
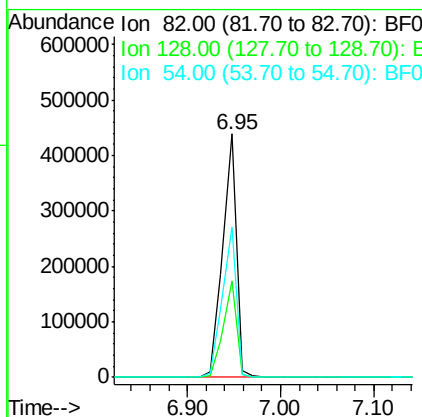
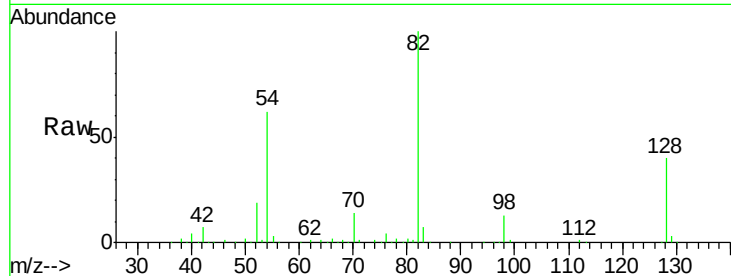
#23
 Nitrobenzene-d5
 Concen: 90.25 ng
 RT: 6.95 min Scan# 469
 Delta R.T. -0.02 min
 Lab File: BF081412.D
 Acq: 4 Sep 2015 9:57

Instrument :
 BNA_F
 ClientSampleId :
 P005-BF001-02

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.6	51.0	76.6#
54	61.6	47.5	71.3

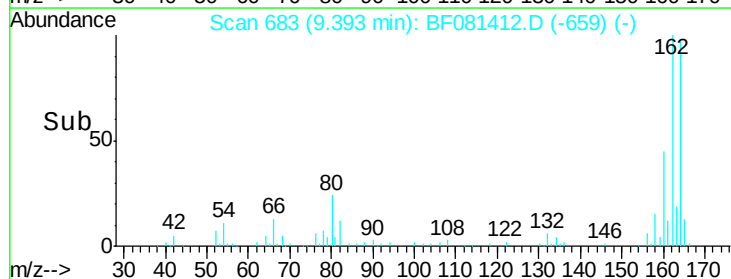
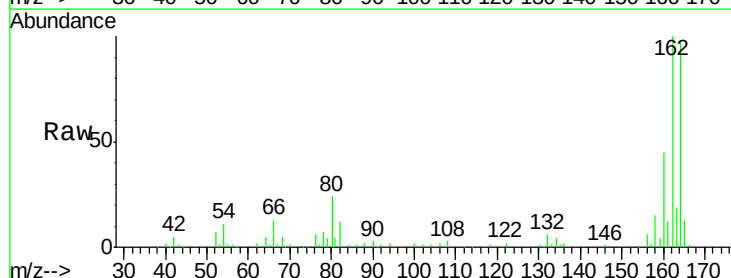
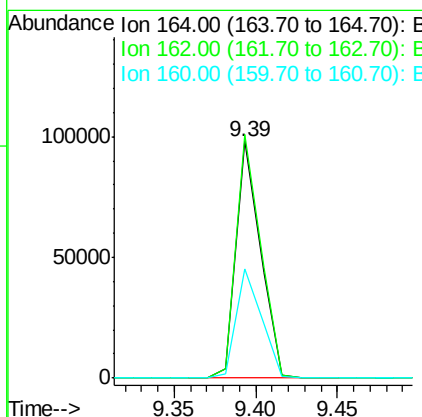
Manual Integrations
 APPROVED

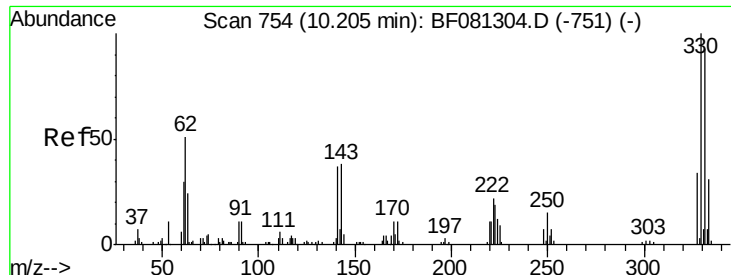
MMDadoda
 9/4/2015 2:52:00 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.02 min
 Lab File: BF081412.D
 Acq: 4 Sep 2015 9:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	75.2	112.8
160	46.1	31.5	47.3





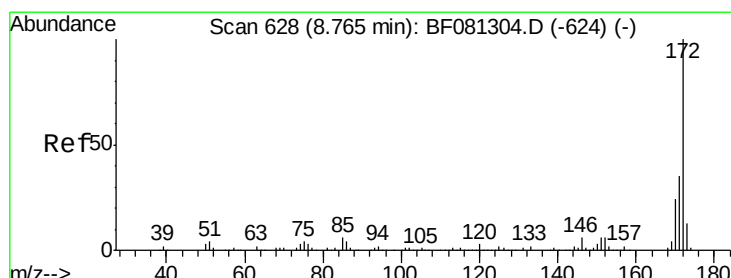
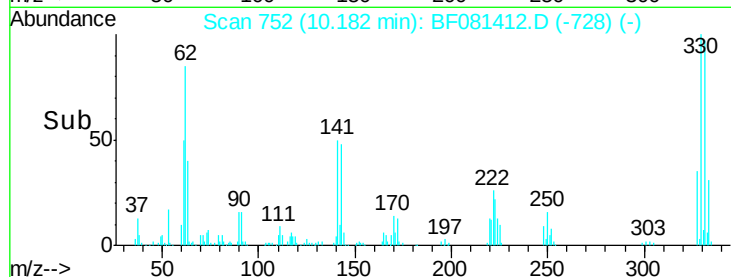
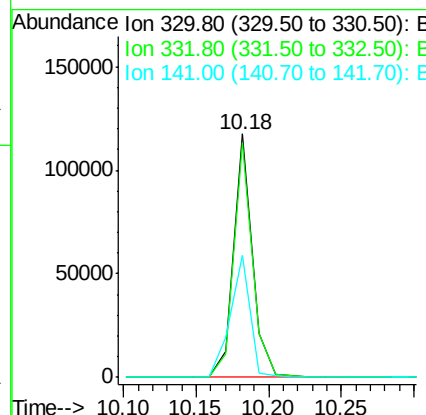
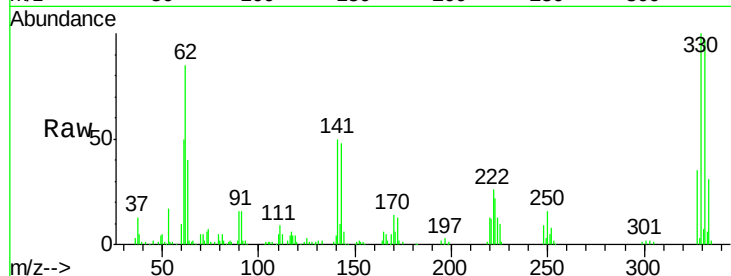
#41
 2,4,6-Tribromophenol
 Concen: 117.52 ng
 RT: 10.18 min Scan# 752
 Delta R.T. -0.02 min
 Lab File: BF081412.D
 Acq: 4 Sep 2015 9:57

Instrument :
 BNA_F
 ClientSampleId :
 P005-BF001-02

Tot Ion	Ratio	Resp	Lower	Upper
330	100	105568		
332	96.5	76.6	114.8	
141	52.7	29.7	44.5#	

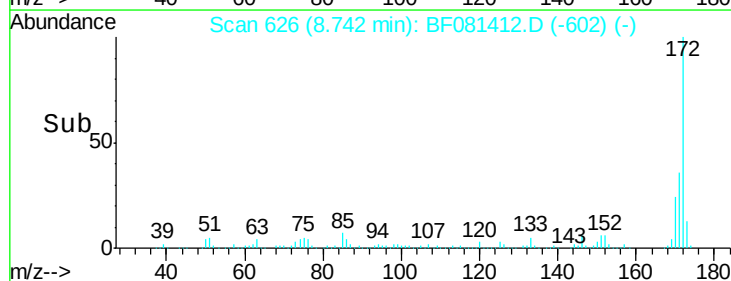
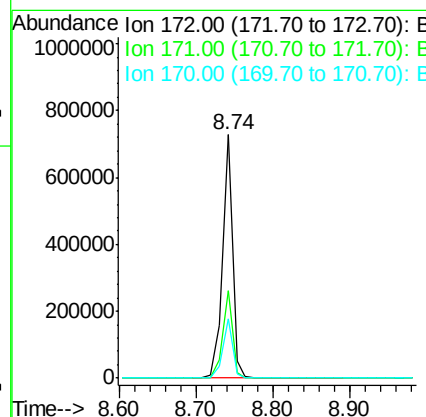
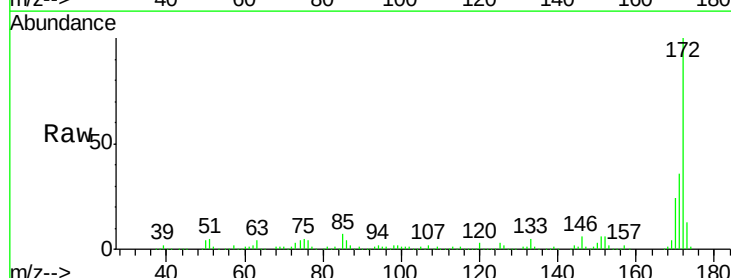
Manual Integrations
 APPROVED

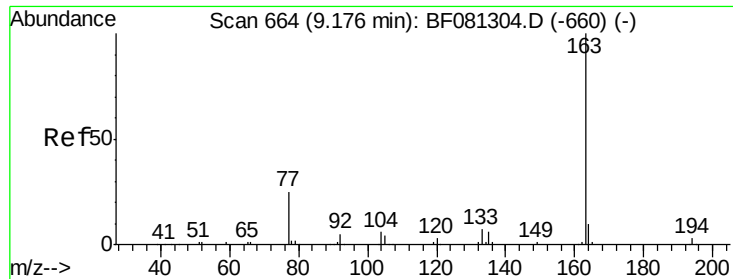
MMDadoda
 9/4/2015 2:52:00 PM



#44
 2-Fluorobiphenyl
 Concen: 83.09 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BF081412.D
 Acq: 4 Sep 2015 9:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	654152		
171	35.9	26.1	39.1	
170	24.5	17.4	26.2	





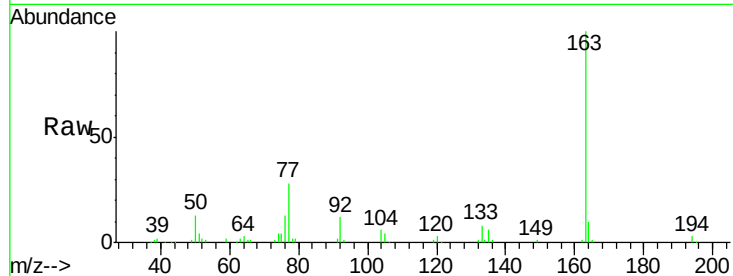
#49
Dimethylphthalate
Concen: 16.34 ng
RT: 9.14 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF081412.D
Acq: 4 Sep 2015 9:57

Instrument :
BNA_F
ClientSampleId :
P005-BF001-02

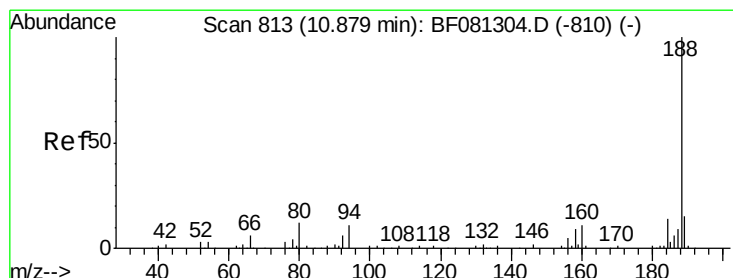
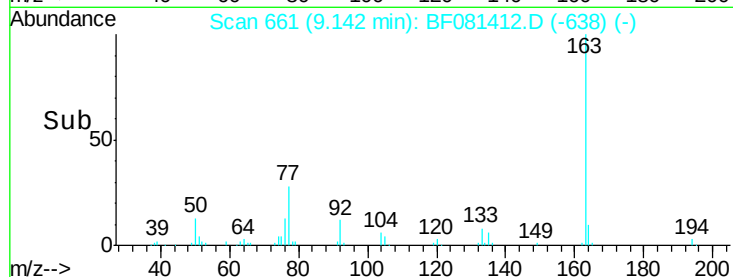
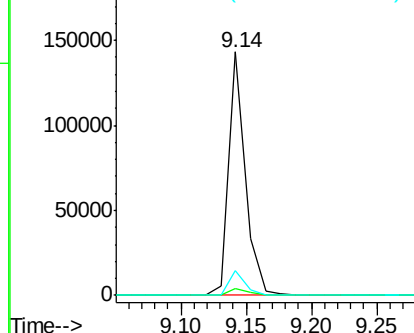
Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.0	4.4	6.6#
164	10.0	8.3	12.5

Manual Integrations
APPROVED

MMDadoda
9/4/2015 2:52:00 PM

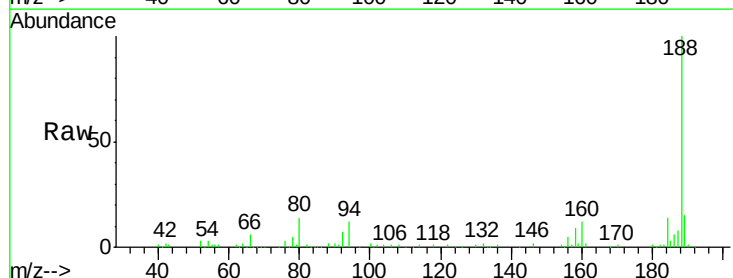


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

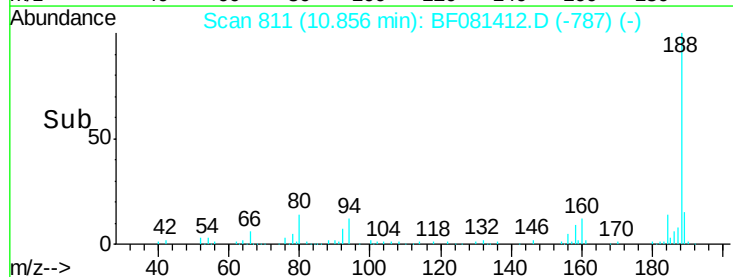
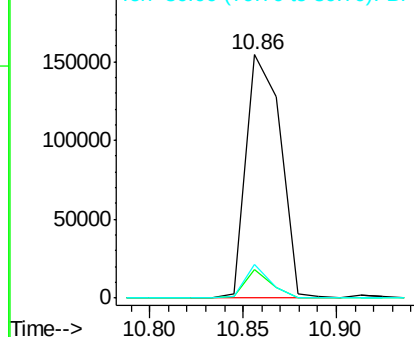


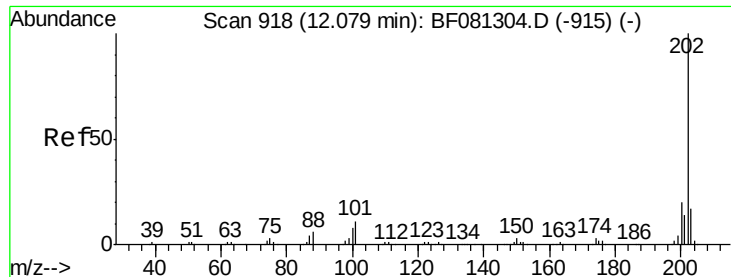
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF081412.D
Acq: 4 Sep 2015 9:57

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	12.0	11.1	16.7
80	13.8	11.0	16.4



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





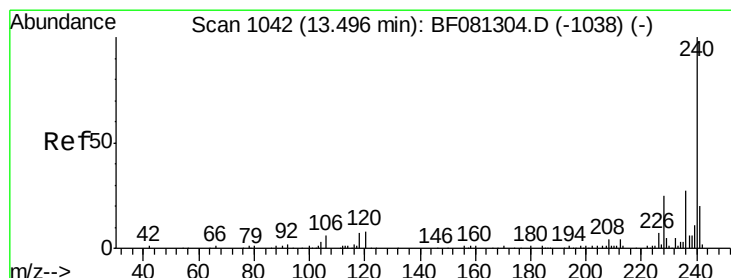
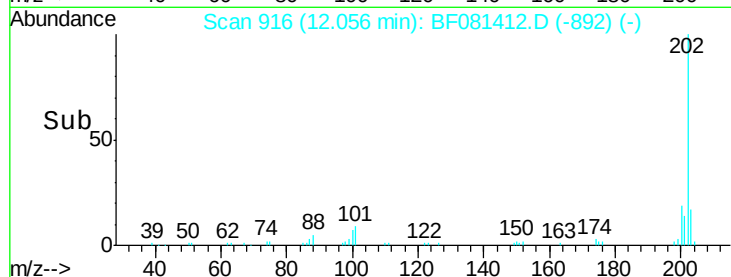
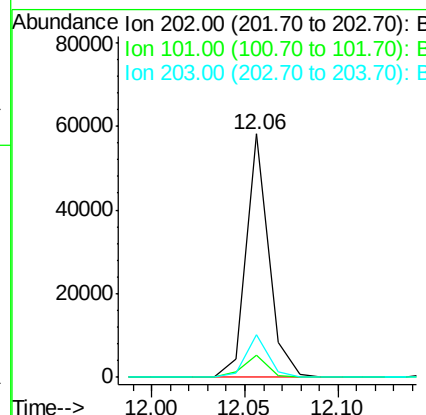
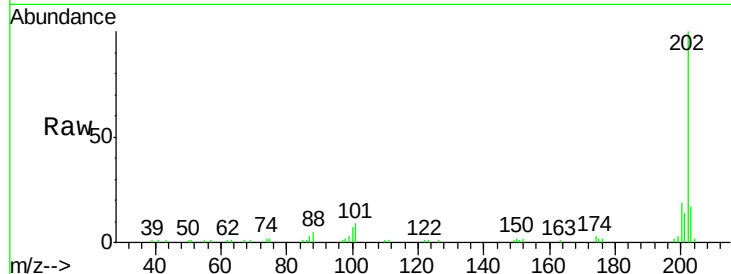
#74
 Fluoranthene
 Concen: 4.13 ng
 RT: 12.06 min Scan# 916
 Delta R.T. -0.02 min
 Lab File: BF081412.D
 Acq: 4 Sep 2015 9:57

Instrument :
 BNA_F
 ClientSampleId :
 P005-BF001-02

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.3	0.0	38.3
203	17.4	0.0	37.3

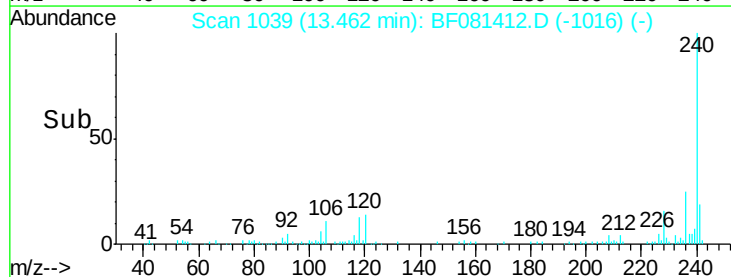
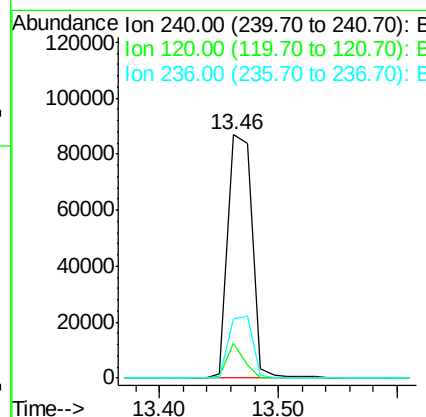
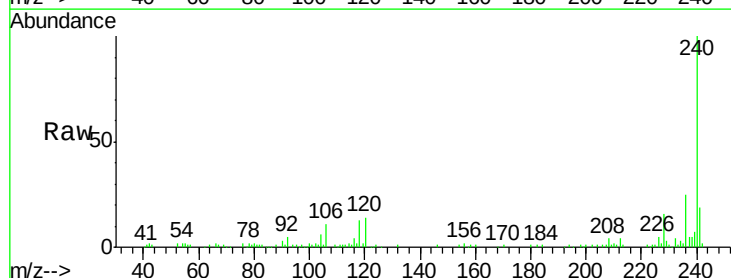
Manual Integrations
 APPROVED

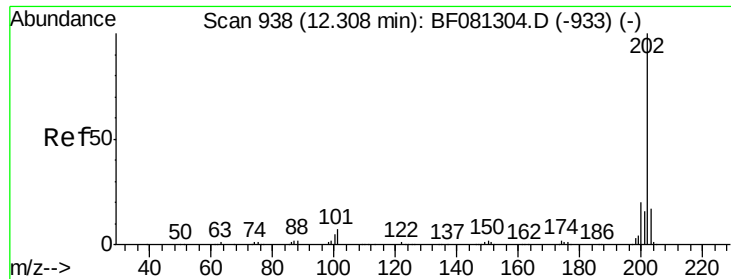
MMDadoda
 9/4/2015 2:52:00 PM



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.46 min Scan# 1039
 Delta R.T. -0.03 min
 Lab File: BF081412.D
 Acq: 4 Sep 2015 9:57

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.2	16.2	24.2#
236	24.6	18.4	27.6





#77

Pvrene

Concen: 4.78 ng/mL

RT: 12.27 min Scan# 935

Delta R.T. -0.03 min

Lab File: BF081412.D

Acq: 4 Sep 2015 9:57

Instrument :

BNA_F

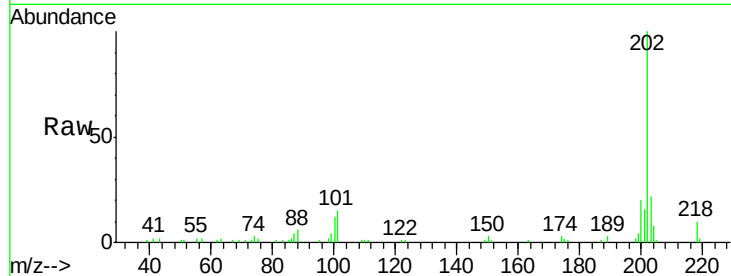
ClientSampleId :

P005-BF001-02

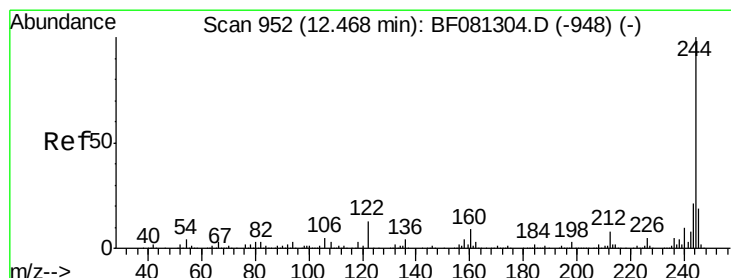
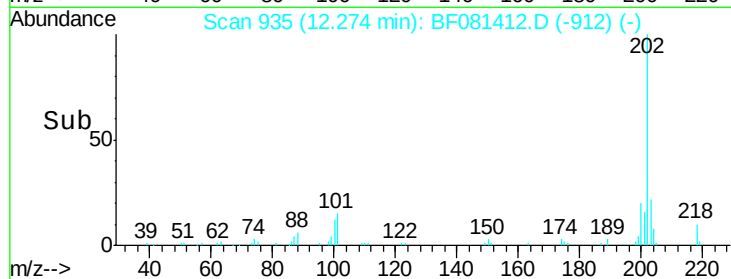
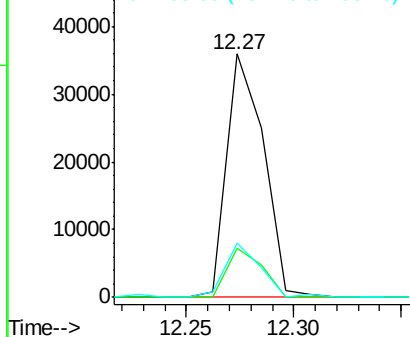
Tot Ion:	202	Resp:	43423
Ion Ratio	Lower	Upper	
202	100		
200	20.4	15.0	22.4
203	22.3	14.1	21.1

Manual Integrations
APPROVED

MMDadoda
9/4/2015 2:52:00 PM



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



#78

Terphenyl-d14

Concen: 92.71 ng/mL

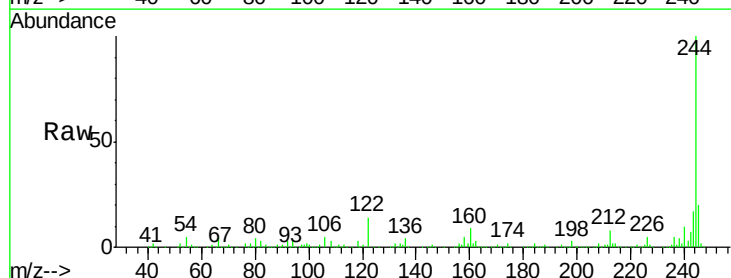
RT: 12.44 min Scan# 950

Delta R.T. -0.02 min

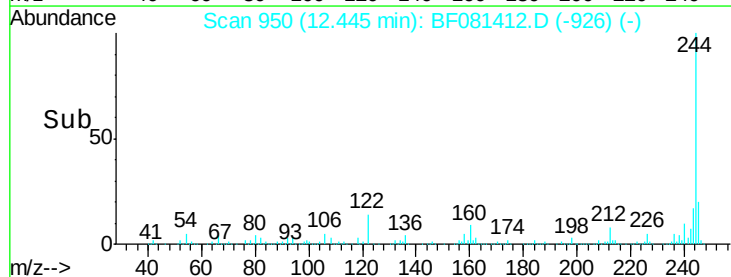
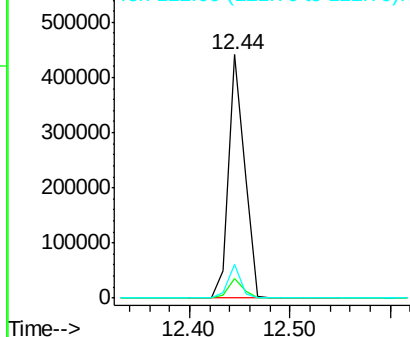
Lab File: BF081412.D

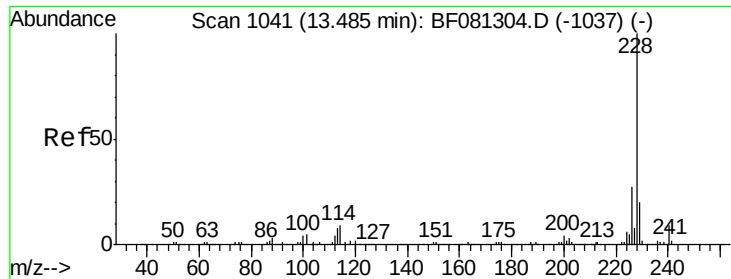
Acq: 4 Sep 2015 9:57

Tgt Ion:	244	Resp:	488580
Ion Ratio	Lower	Upper	
244	100		
212	8.0	4.3	6.5
122	14.1	17.4	26.2



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





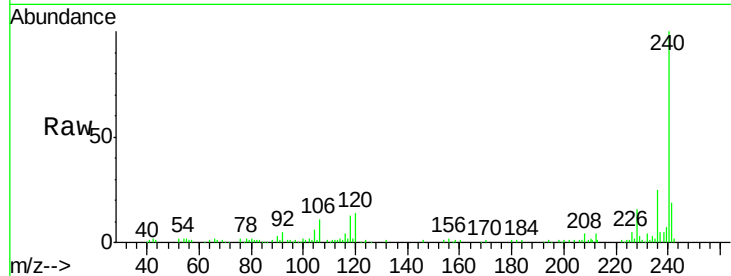
#80
Benzo(a)anthracene
Concen: 2.36 ng
RT: 13.46 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BF081412.D
Acq: 4 Sep 2015 9:57

Instrument :
BNA_F
ClientSampleId :
P005-BF001-02

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	20.0	30.0
229	21.1	15.4	23.2

Manual Integrations
APPROVED

MMDadoda
9/4/2015 2:52:00 PM

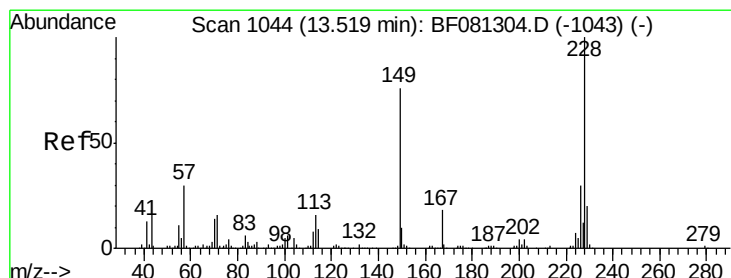
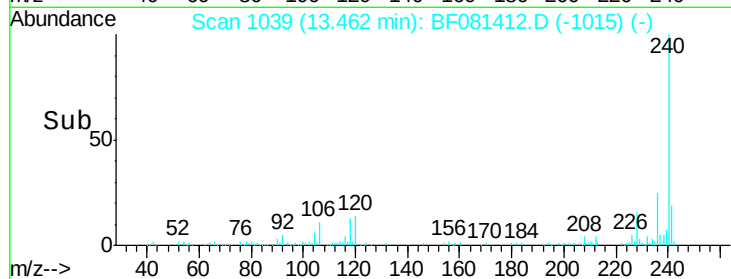
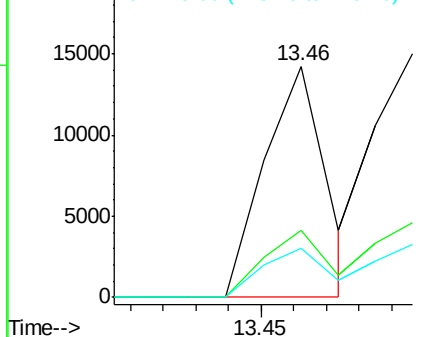


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
Chrysene
Concen: 2.68 ng m
RT: 13.50 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF081412.D
Acq: 4 Sep 2015 9:57

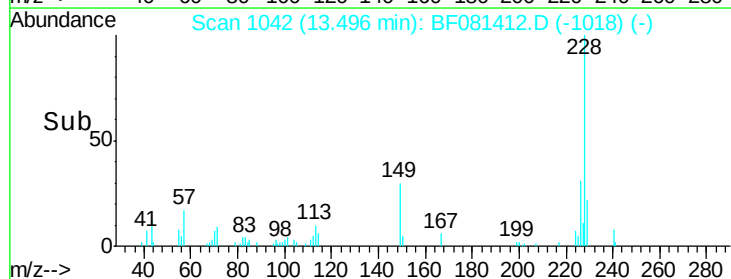
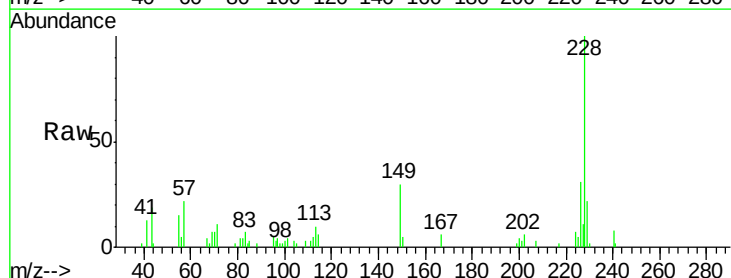
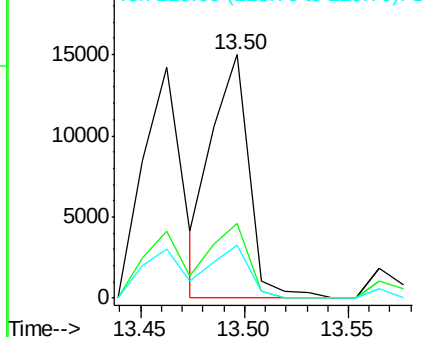
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	21.0	31.4
229	21.7	15.6	23.4

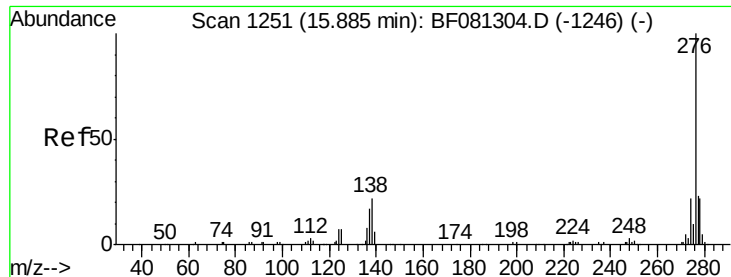
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





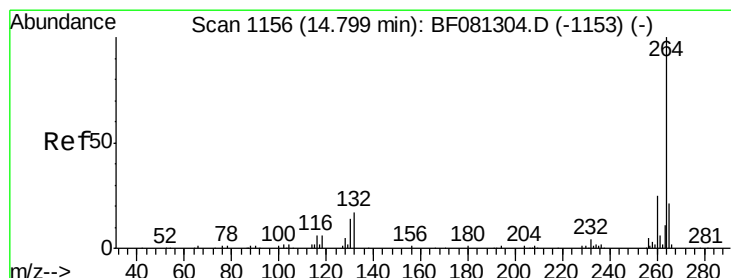
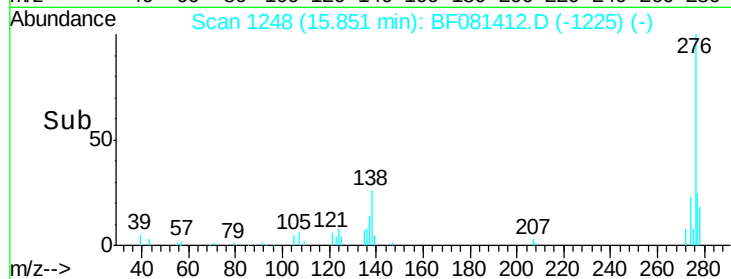
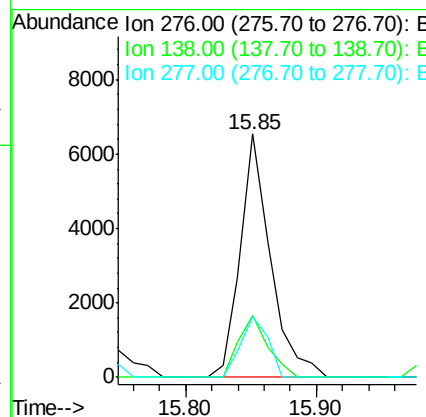
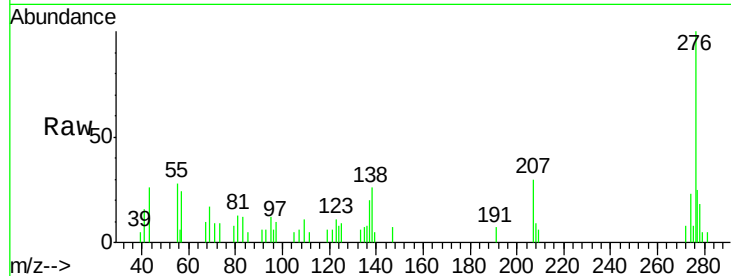
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.05 ng
RT: 15.85 min Scan# 1248
Delta R.T. -0.03 min
Lab File: BF081412.D
Acq: 4 Sep 2015 9:57

Instrument :
BNA_F
ClientSampleId :
P005-BF001-02

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	25.7	38.5#
277	22.2	15.6	23.4

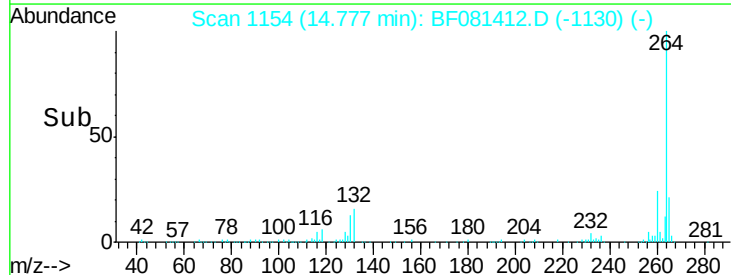
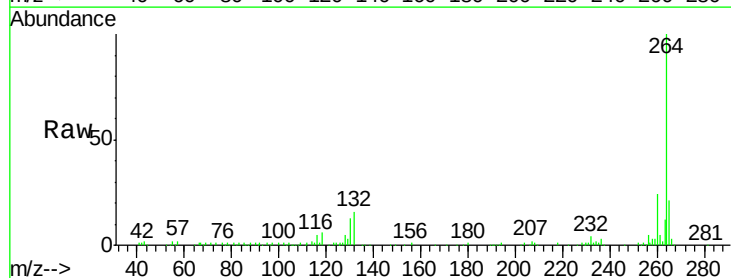
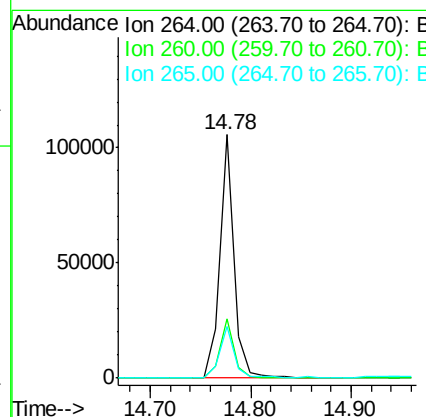
Manual Integrations
APPROVED

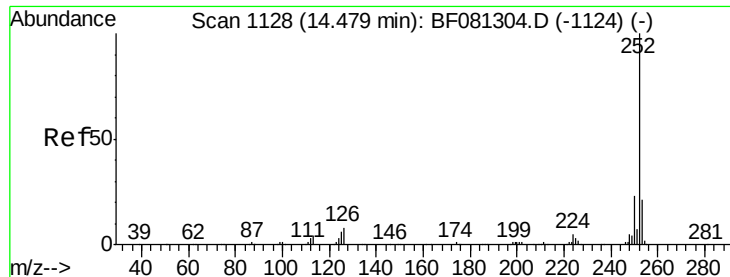
MMDadoda
9/4/2015 2:52:00 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 14.78 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BF081412.D
Acq: 4 Sep 2015 9:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	16.7	25.1
265	21.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 3.69 ng m

RT: 14.45 min Scan# 1125

Delta R.T. -0.03 min

Lab File: BF081412.D

Acq: 4 Sep 2015 9:57

Instrument :

BNA_F

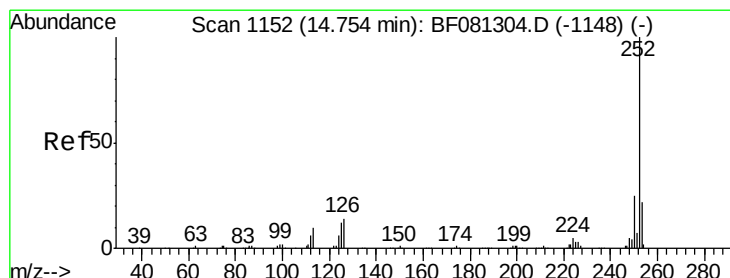
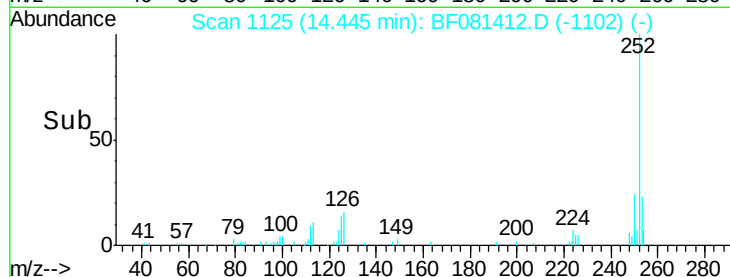
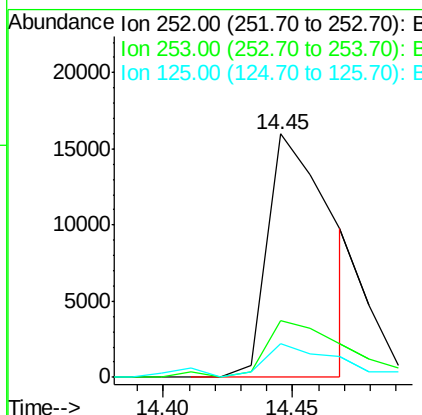
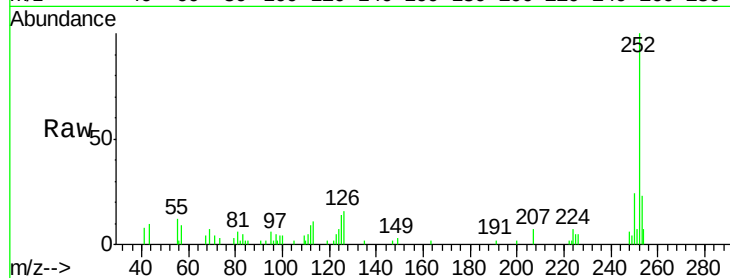
ClientSampleId :

P005-BF001-02

Tot Ion	Ratio	Resp	Lower	Upper
252	100	27263		
253	23.1		17.5	26.3
125	14.0		17.1	25.7#

Manual Integrations
APPROVED

MMDadoda
9/4/2015 2:52:00 PM



#89

Benzo(a)pyrene

Concen: 2.60 ng m

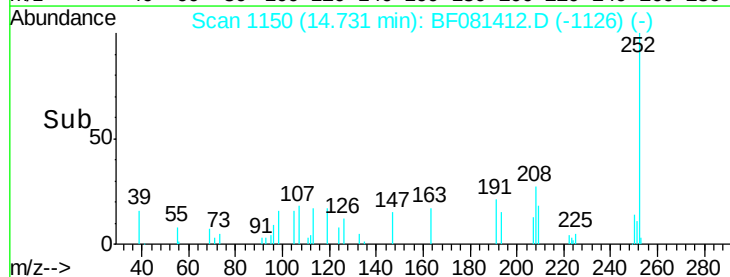
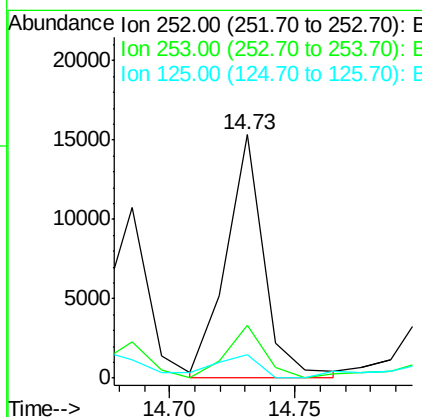
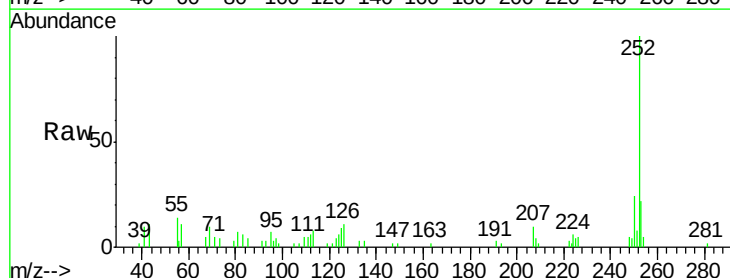
RT: 14.73 min Scan# 1150

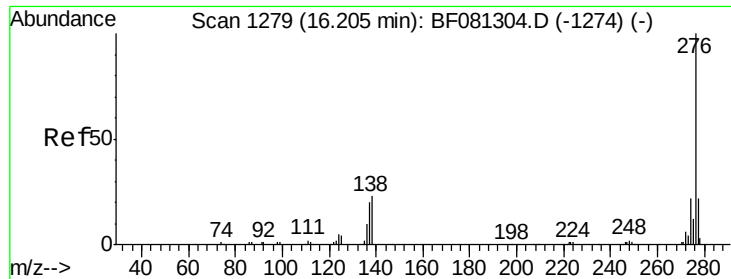
Delta R.T. -0.02 min

Lab File: BF081412.D

Acq: 4 Sep 2015 9:57

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	16277		
253	21.7		17.2	25.8
125	9.4		18.0	27.0#





#91
 Benzo(a,h,i)perylene
 Concen: 2.21 ng
 RT: 16.17 min Scan# 1276
 Delta R.T. -0.03 min
 Lab File: BF081412.D
 Acq: 4 Sep 2015 9:57

Instrument :
 BNA_F
 ClientSampleId :
 P005-BF001-02

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.8	26.6
138	23.6	34.6	51.8#

Manual Integrations
 APPROVED

MMDadoda
 9/4/2015 2:52:00 PM

