

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102516\
 Data File : BF090831.D
 Acq On : 26 Oct 2016 2:05
 Operator : UM/SJ
 Sample : H5396-04 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P2-S3

Manual Integrations
 APPROVED

umangi
 10/26/2016 4:46:14 PM

Quant Time: Oct 26 03:25:37 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 25 18:56:36 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	213388	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	896139	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	396077	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	585855	20.00	ng	0.00
75) Chrysene-d12	13.96	240	401517	20.00	ng	0.00
86) Perylene-d12	15.38	264	370493	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	664938	50.25	ng	0.00
7) Phenol-d6	6.44	99	895386	49.96	ng	0.00
23) Nitrobenzene-d5	7.37	82	528545	32.35	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	153336	48.91	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	855461	33.53	ng	-0.01
78) Terphenyl-d14	12.91	244	602947	34.42	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.56	163	269183	10.82	ng	Qvalue # 97
74) Fluoranthene	12.53	202	97665	3.38	ng	96
77) Pyrene	12.76	202	88270	3.15	ng	96
80) Benzo(a)anthracene	13.95	228	48857m	2.22	ng	
82) Chrysene	13.99	228	64548m	3.01	ng	
87) Benzo(b)fluoranthene	14.98	252	80963m	3.55	ng	

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

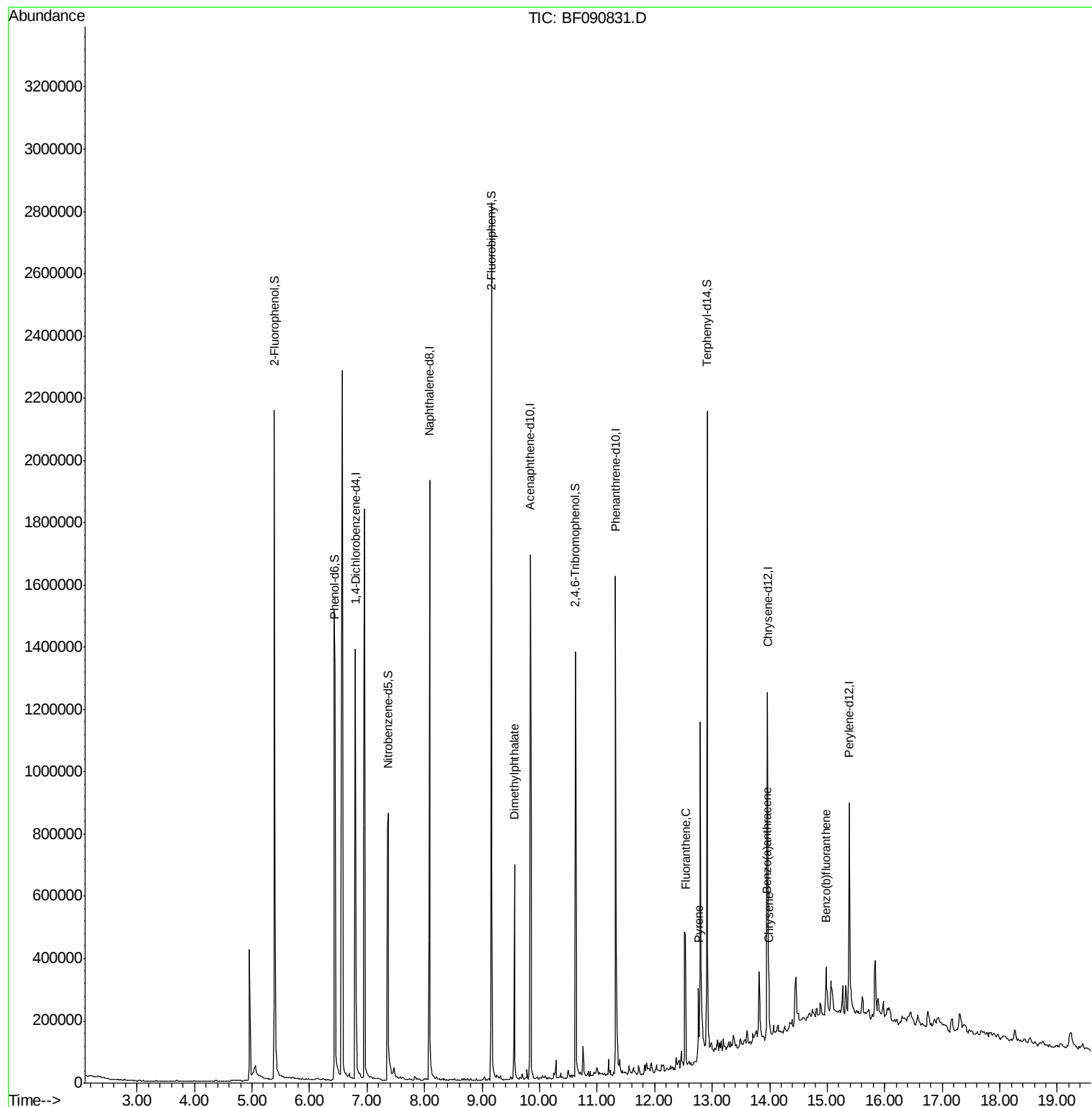
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102516\
Data File : BF090831.D
Acq On : 26 Oct 2016 2:05
Operator : UM/SJ
Sample : H5396-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

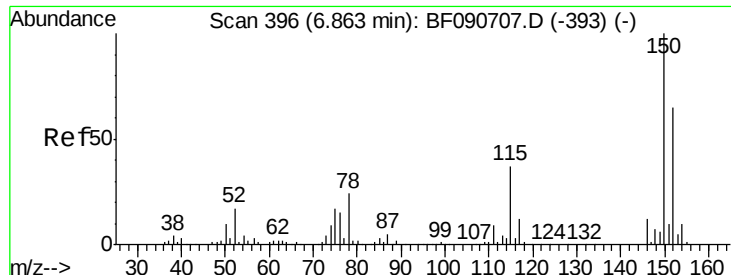
Instrument :
BNA_F
ClientSampleId :
P2-S3

Manual Integrations
APPROVED

umangi
10/26/2016 4:46:14 PM

Quant Time: Oct 26 03:25:37 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 25 18:56:36 2016
Response via : Initial Calibration





#1

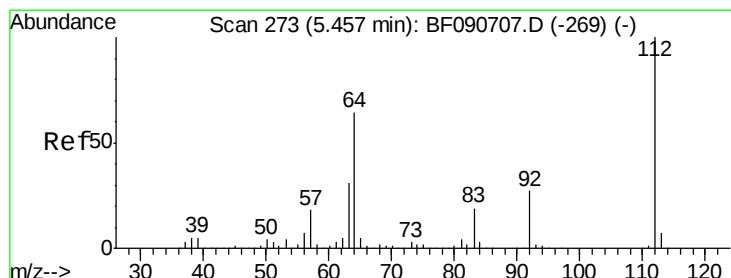
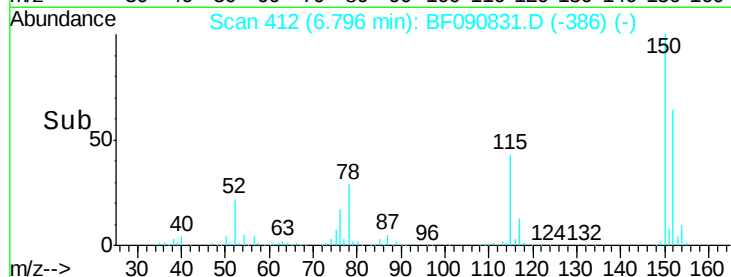
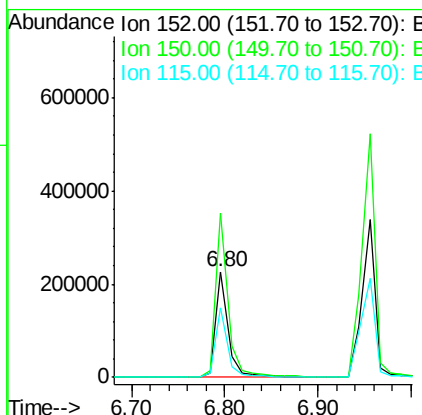
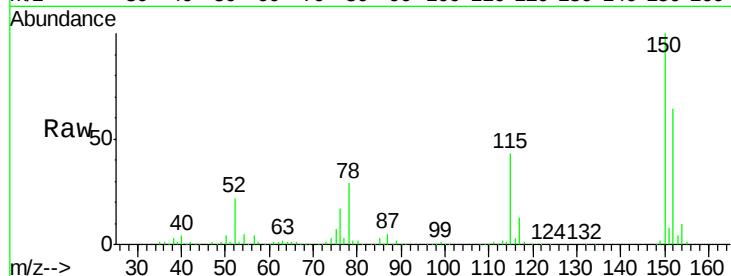
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF090831.D
Acq: 26 Oct 2016 2:05

Instrument :
BNA_F
ClientSampled :
P2-S3

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.7	187.1
115	66.5	39.0	58.4

Manual Integrations
APPROVED

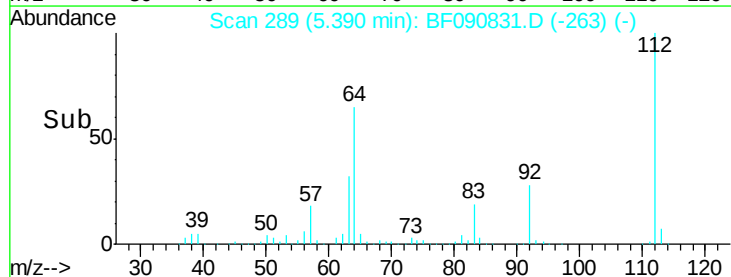
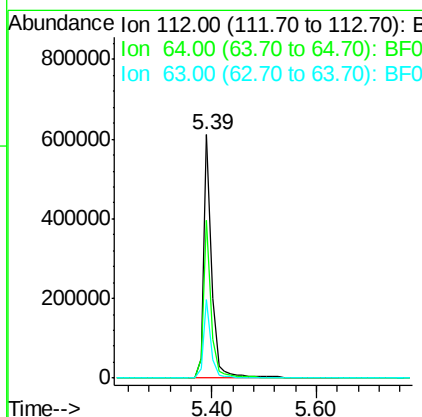
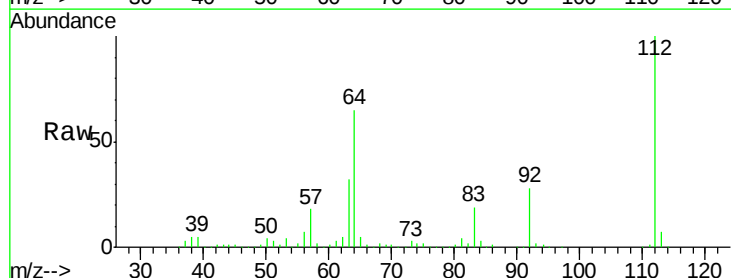
umangi
10/26/2016 4:46:14 PM

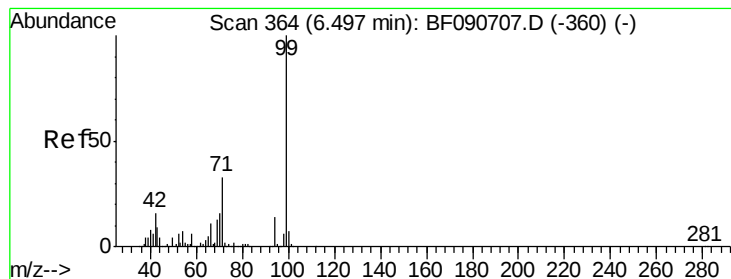


#5

2-Fluorophenol
Concen: 50.25 ng
RT: 5.39 min Scan# 289
Delta R.T. -0.00 min
Lab File: BF090831.D
Acq: 26 Oct 2016 2:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.7	39.7	59.5
63	32.1	17.4	26.0





#7

Phenol-d6

Concen: 49.96 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF090831.D

Acq: 26 Oct 2016 2:05

Instrument :

BNA_F

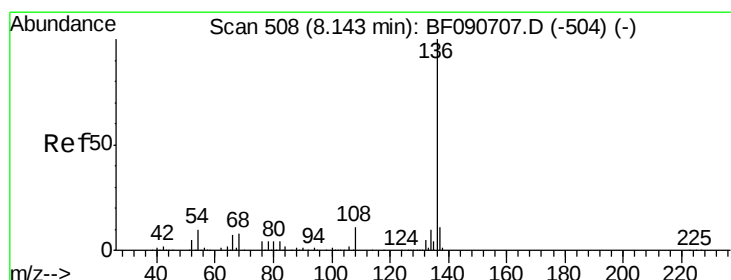
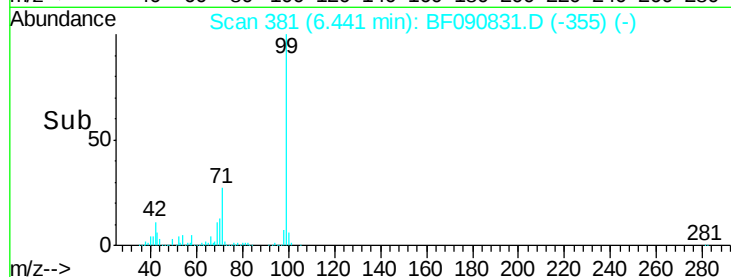
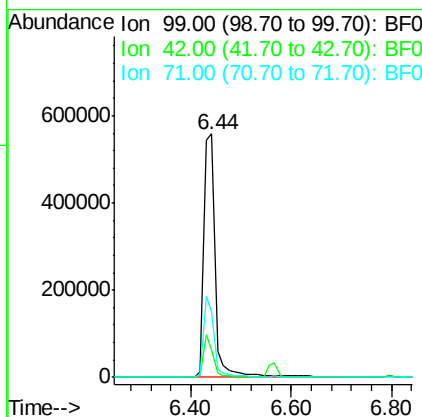
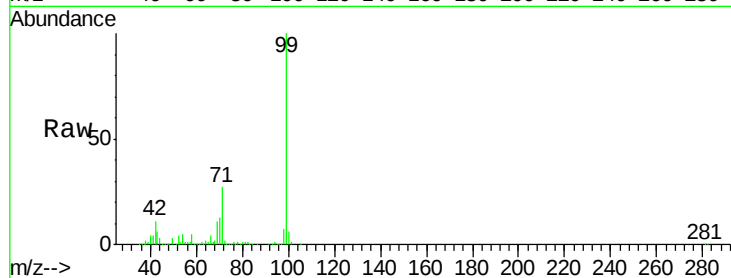
ClientSampleId :

P2-S3

Tot Ion:	99	Resp:	895386
Ion Ratio	Lower	Upper	
99	100		
42	11.4	13.7	20.5#
71	27.2	14.2	21.2#

Manual Integrations
APPROVED

umangi
10/26/2016 4:46:14 PM



#21

Naphthalene-d8

Concen: 20.00 ng

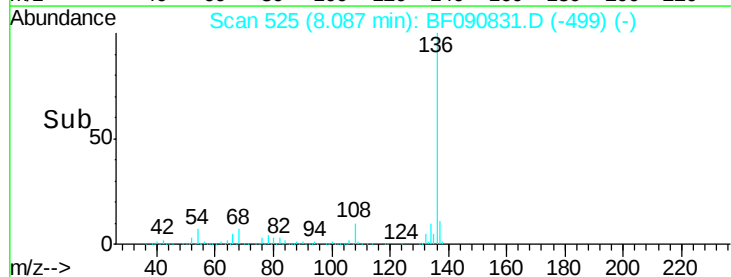
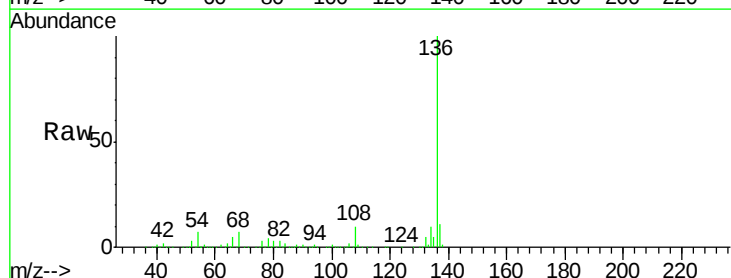
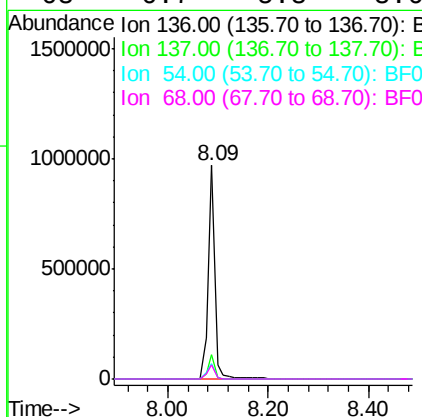
RT: 8.09 min Scan# 525

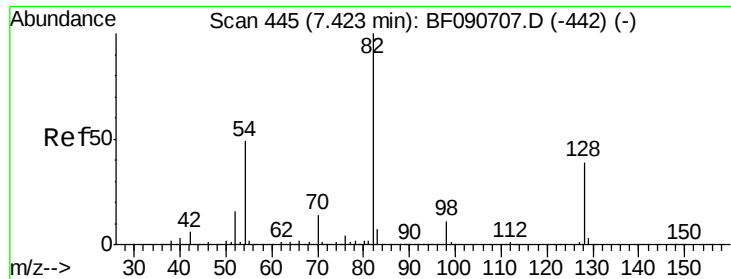
Delta R.T. -0.00 min

Lab File: BF090831.D

Acq: 26 Oct 2016 2:05

Tgt Ion:	136	Resp:	896139
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.6
54	7.3	8.2	12.2#
68	6.7	5.8	8.6





#23

Nitrobenzene-d5

Concen: 32.35 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.00 min

Lab File: BF090831.D

Acq: 26 Oct 2016 2:05

Instrument :

BNA_F

ClientSampled :

P2-S3

Tot Ion: 82 Resp: 528545

Ion Ratio Lower Upper

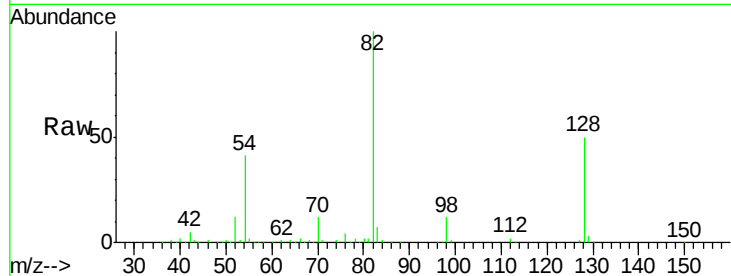
82 100

128 49.7 51.0 76.6#

54 40.5 47.5 71.3#

Manual Integrations
APPROVED

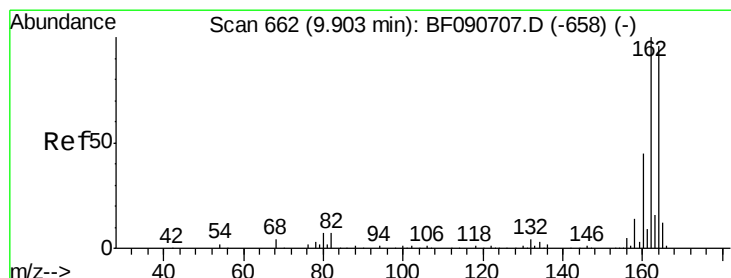
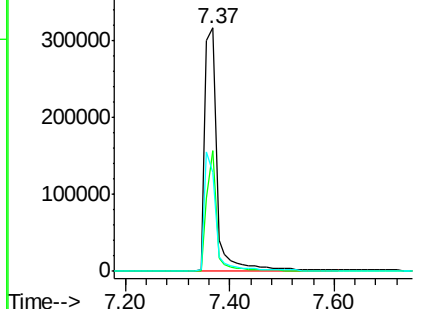
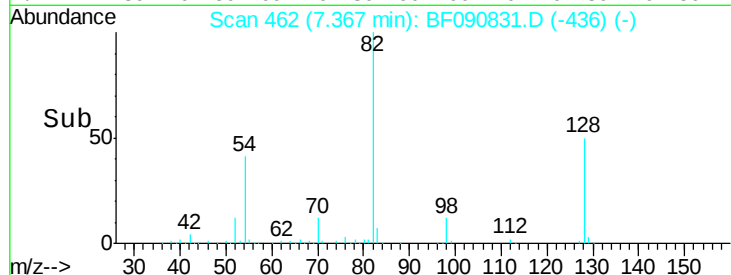
umangi
10/26/2016 4:46:14 PM



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF090831.D

Acq: 26 Oct 2016 2:05

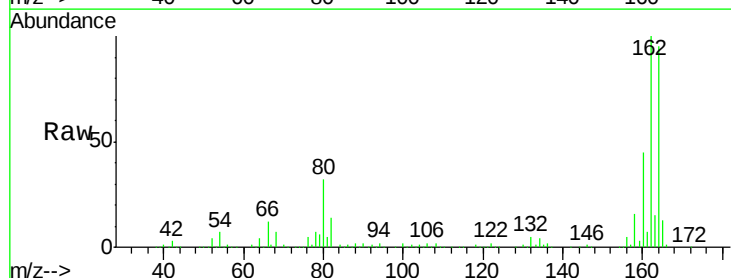
Tgt Ion:164 Resp: 396077

Ion Ratio Lower Upper

164 100

162 105.2 75.2 112.8

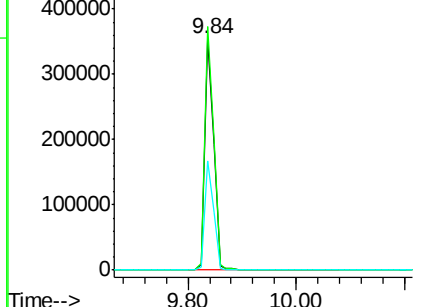
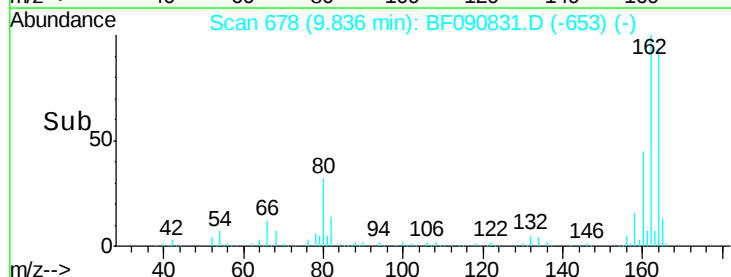
160 47.4 31.5 47.3#

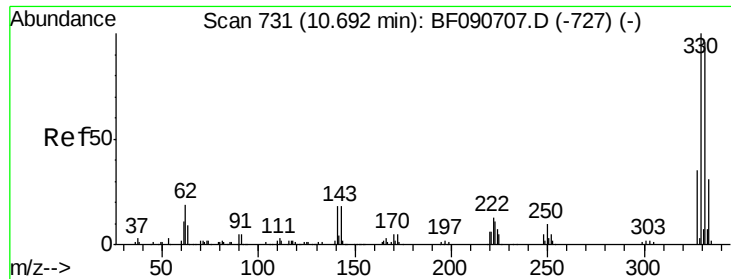


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 48.91 ng

RT: 10.62 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF090831.D

Acq: 26 Oct 2016 2:05

Instrument :

BNA_F

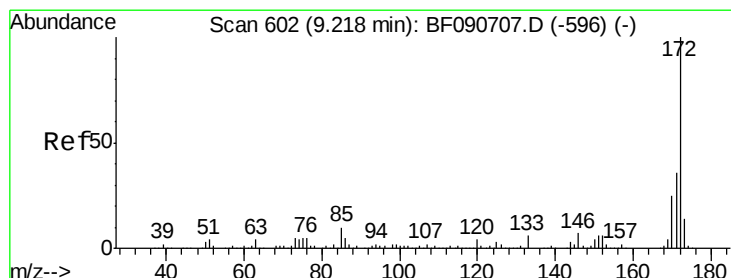
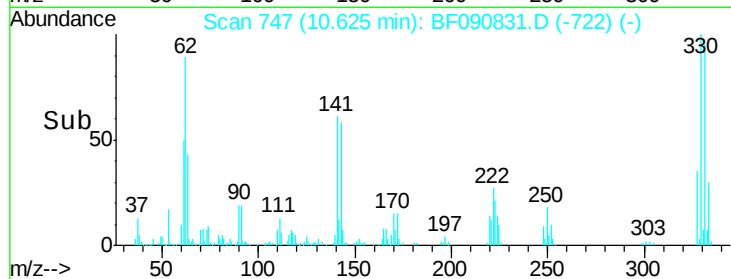
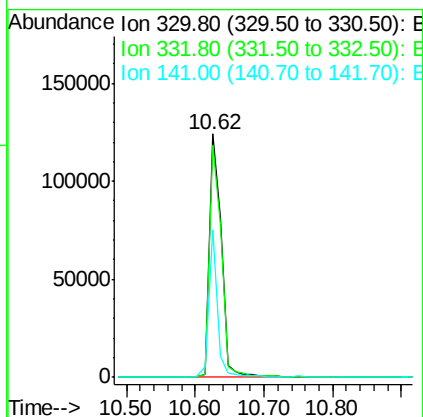
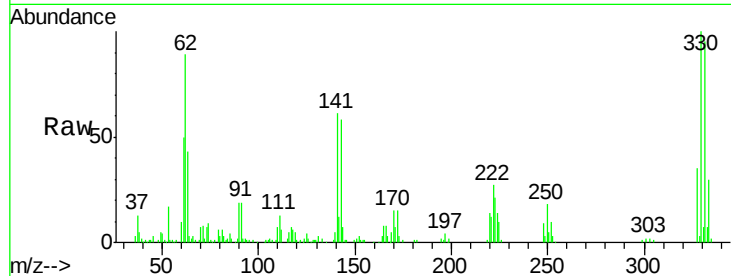
ClientSampled :

P2-S3

Tot Ion:	330	Resp:	153336
Ion Ratio	Lower	Upper	
330	100		
332	95.8	76.6	114.8
141	43.9	29.7	44.5

Manual Integrations
APPROVED

umangi
10/26/2016 4:46:14 PM



#44

2-Fluorobiphenyl

Concen: 33.53 ng

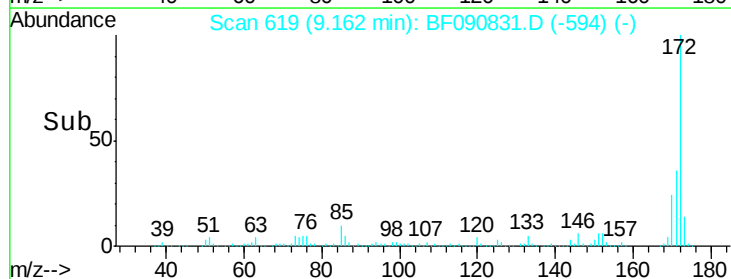
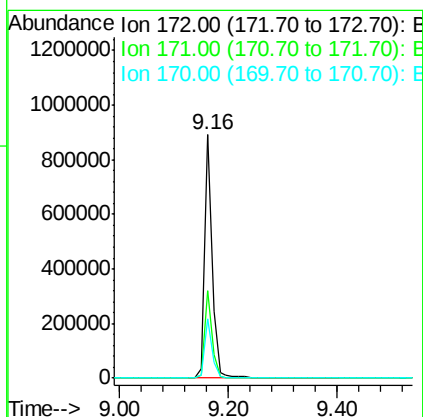
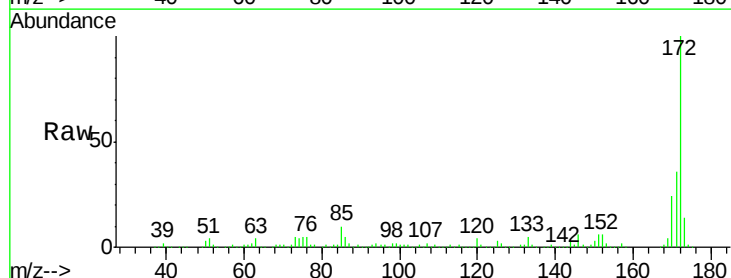
RT: 9.16 min Scan# 619

Delta R.T. -0.01 min

Lab File: BF090831.D

Acq: 26 Oct 2016 2:05

Tgt Ion:	172	Resp:	855461
Ion Ratio	Lower	Upper	
172	100		
171	35.8	26.1	39.1
170	24.5	17.4	26.2





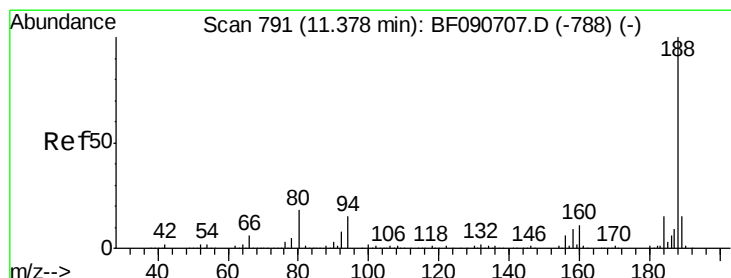
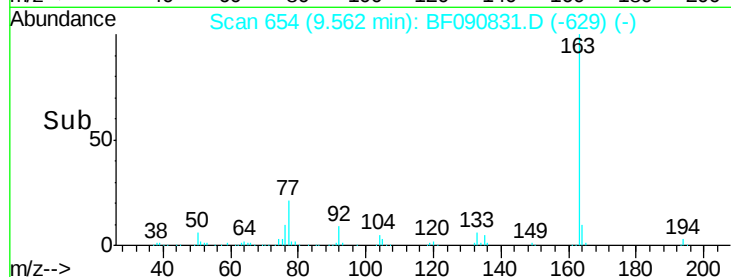
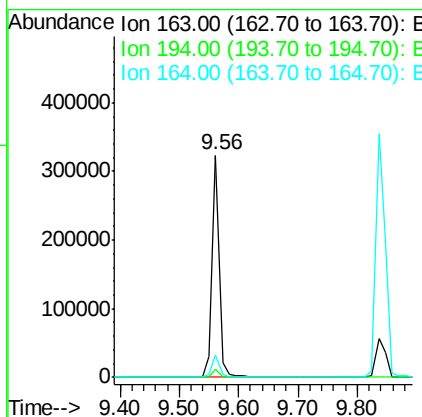
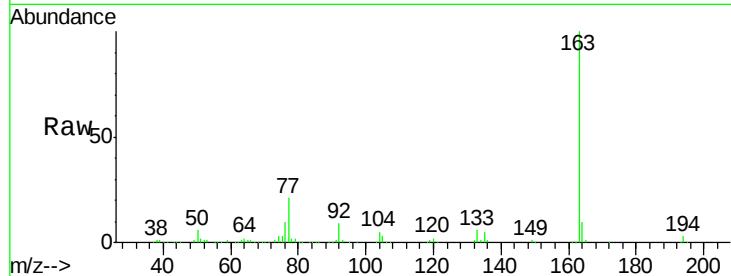
#49
Dimethylphthalate
Concen: 10.82 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF090831.D
Acq: 26 Oct 2016 2:05

Instrument :
BNA_F
ClientSampleId :
P2-S3

Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	4.4	6.6#
164	9.8	8.3	12.5

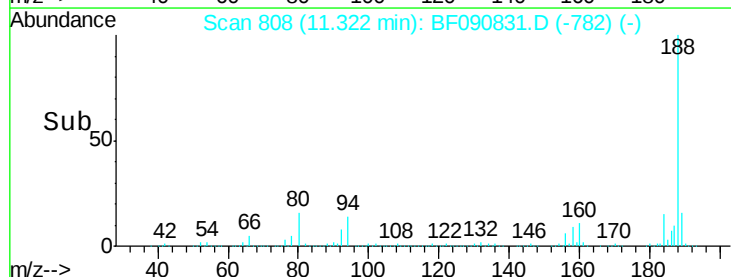
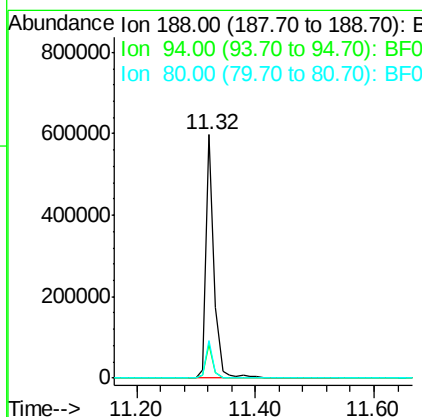
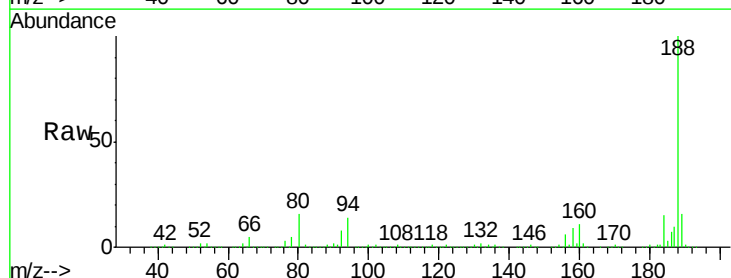
Manual Integrations
APPROVED

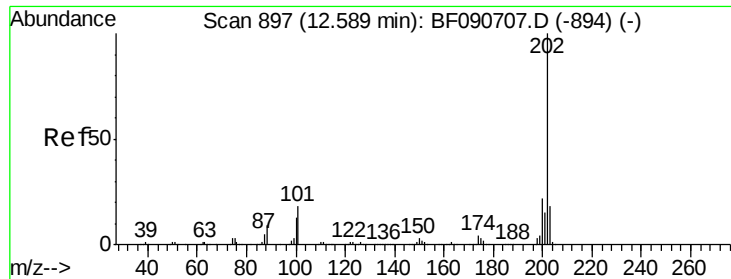
umangi
10/26/2016 4:46:14 PM



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF090831.D
Acq: 26 Oct 2016 2:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	13.9	11.1	16.7
80	15.7	11.0	16.4





#74

Fluoranthene

Concen: 3.38 ng

RT: 12.53 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF090831.D

Acq: 26 Oct 2016 2:05

Instrument :

BNA_F

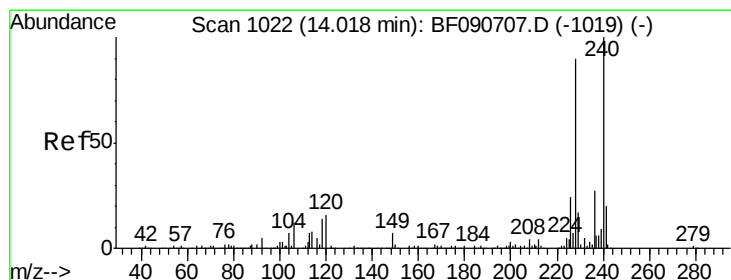
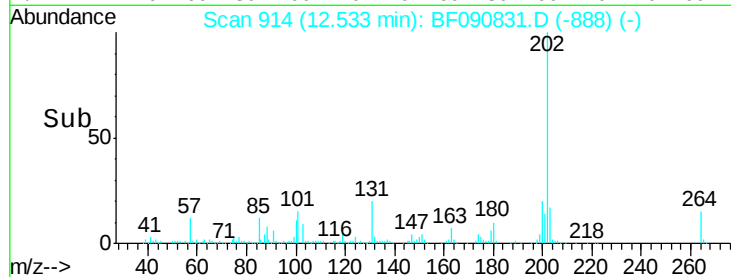
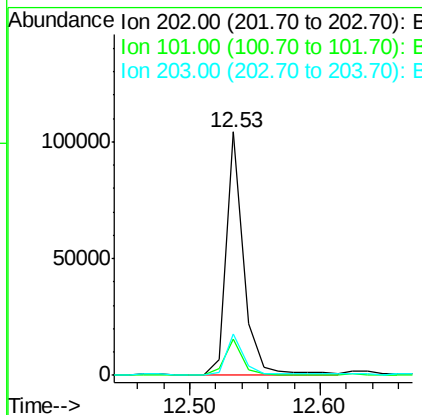
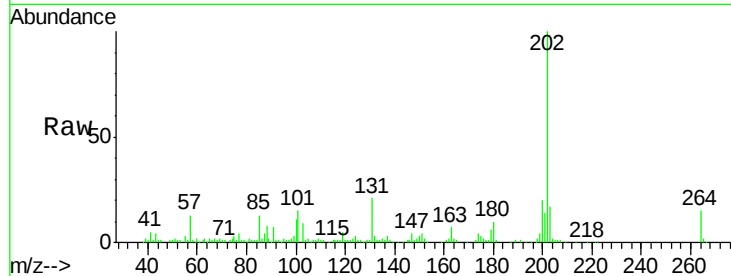
ClientSampled :

P2-S3

Tot Ion:	202	Resp:	97665
Ion Ratio	Lower	Upper	
202	100		
101	14.9	0.0	38.3
203	16.9	0.0	37.3

Manual Integrations
APPROVED

umangi
10/26/2016 4:46:14 PM



#75

Chrysene-d12

Concen: 20.00 ng

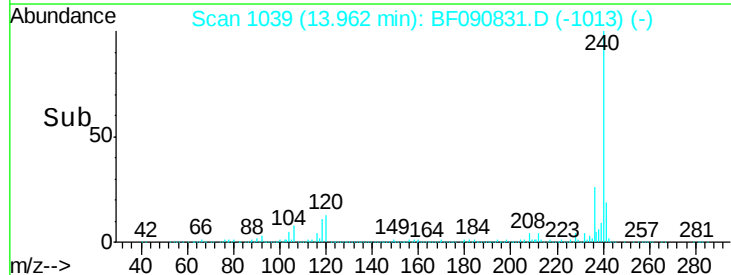
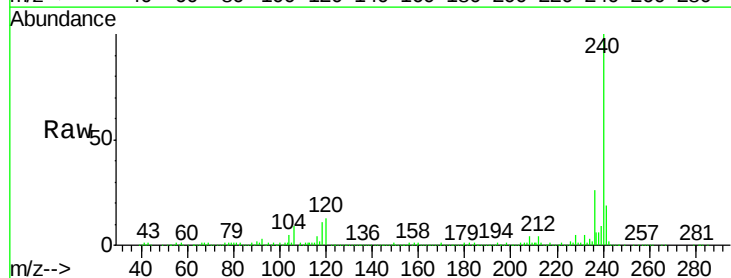
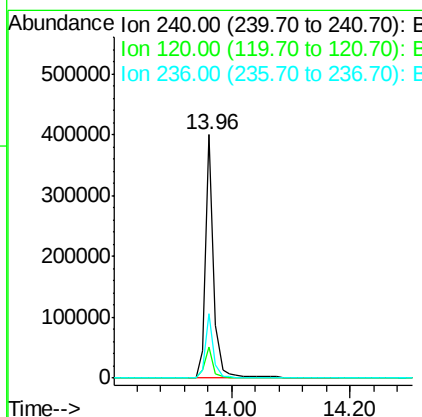
RT: 13.96 min Scan# 1039

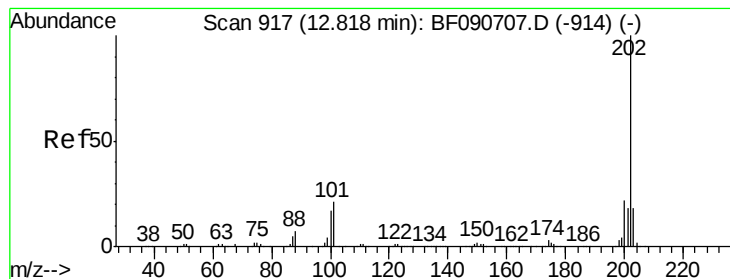
Delta R.T. -0.00 min

Lab File: BF090831.D

Acq: 26 Oct 2016 2:05

Tgt Ion:	240	Resp:	401517
Ion Ratio	Lower	Upper	
240	100		
120	12.7	16.2	24.2#
236	26.5	18.4	27.6





#77

Pvrene

Concen: 3.15 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF090831.D

Acq: 26 Oct 2016 2:05

Instrument :

BNA_F

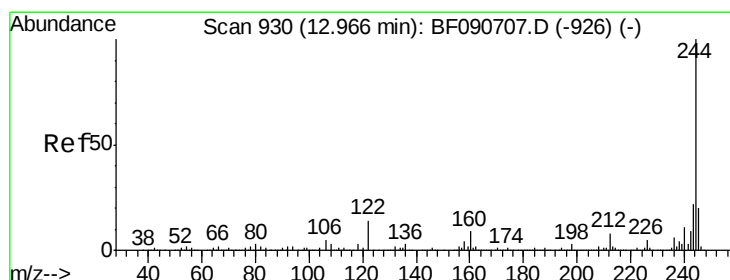
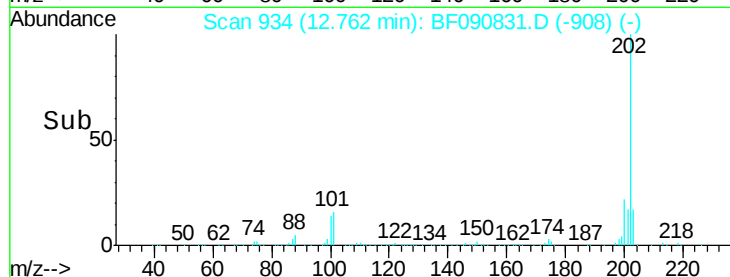
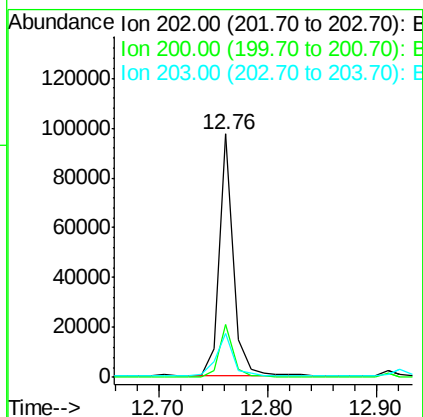
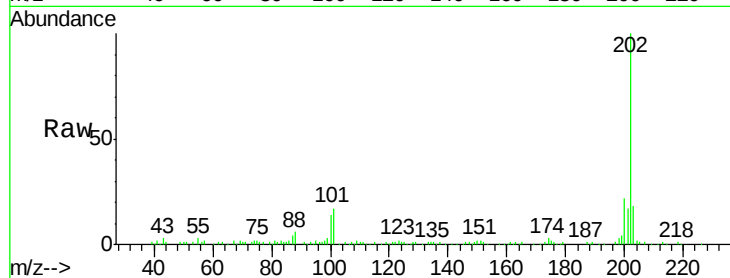
ClientSampleId :

P2-S3

Tot Ion:	202	Resp:	88270
Ion Ratio	Lower	Upper	
202	100		
200	21.7	15.0	22.4
203	17.9	14.1	21.1

Manual Integrations
APPROVED

umangi
10/26/2016 4:46:14 PM



#78

Terphenyl-d14

Concen: 34.42 ng

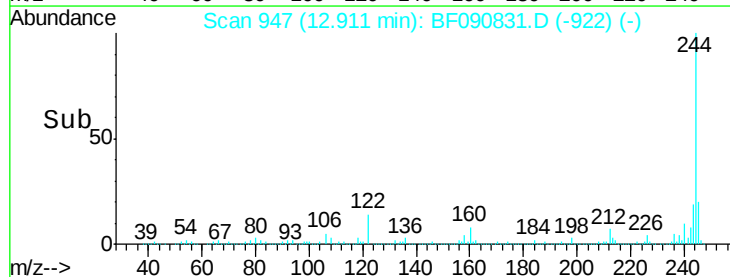
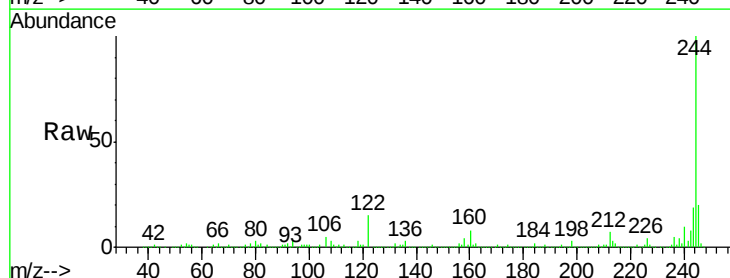
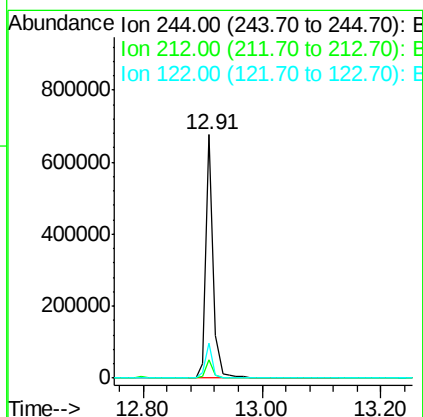
RT: 12.91 min Scan# 947

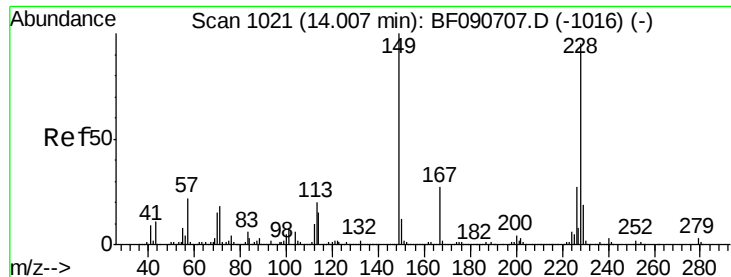
Delta R.T. -0.01 min

Lab File: BF090831.D

Acq: 26 Oct 2016 2:05

Tgt Ion:	244	Resp:	602947
Ion Ratio	Lower	Upper	
244	100		
212	7.5	4.3	6.5#
122	14.5	17.4	26.2#





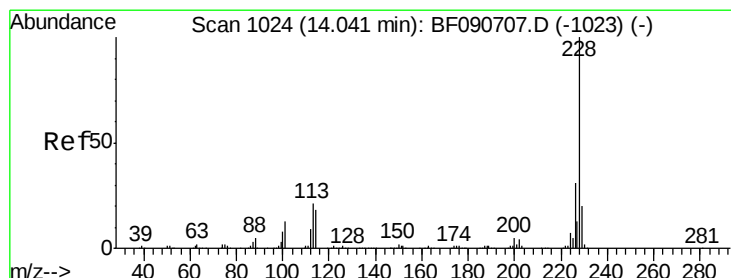
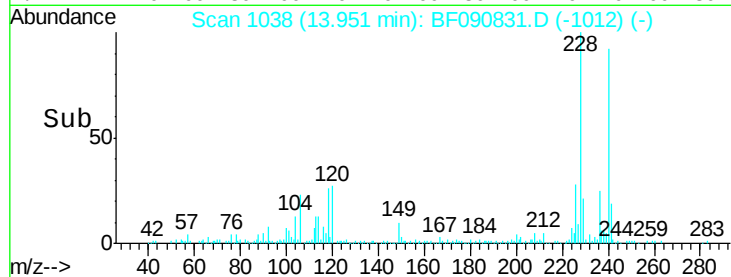
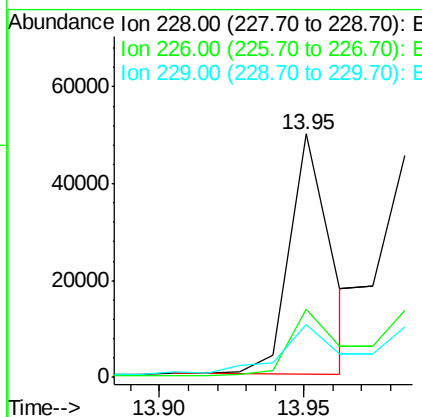
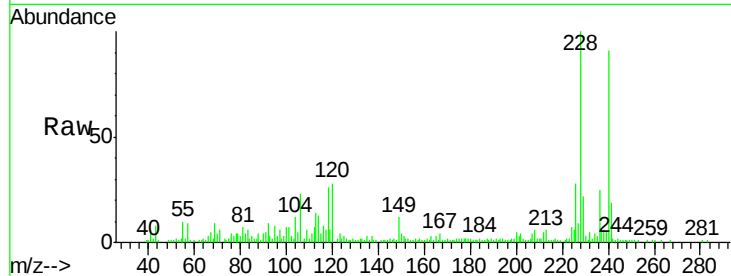
#80
Benzo(a)anthracene
Concen: 2.22 ng m
RT: 13.95 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF090831.D
Acq: 26 Oct 2016 2:05

Instrument :
BNA_F
ClientSampleId :
P2-S3

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	20.0	30.0
229	21.7	15.4	23.2

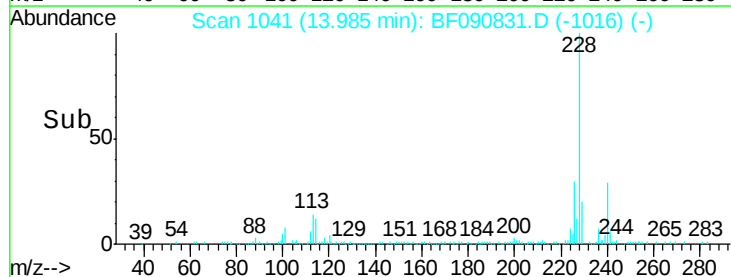
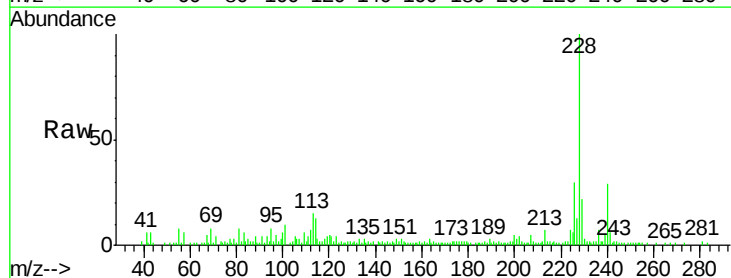
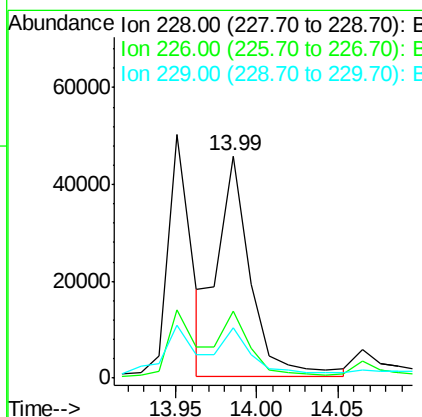
Manual Integrations
APPROVED

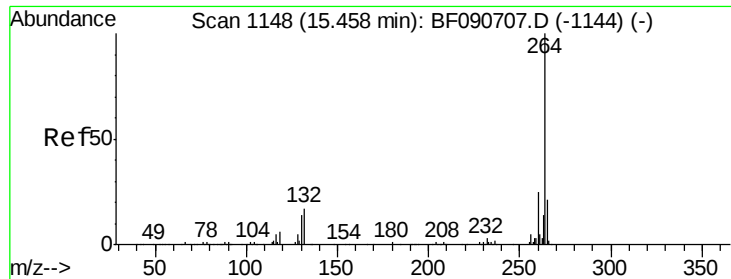
umangi
10/26/2016 4:46:14 PM



#82
Chrysene
Concen: 3.01 ng m
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF090831.D
Acq: 26 Oct 2016 2:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	21.0	31.4
229	22.4	15.6	23.4





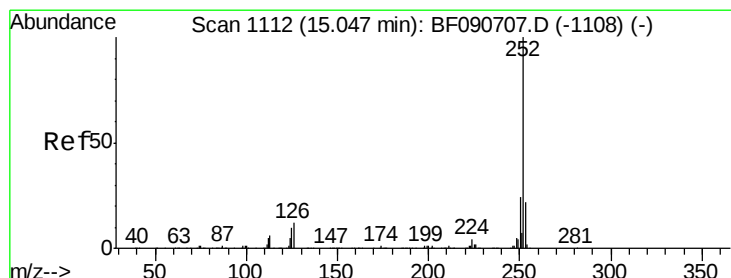
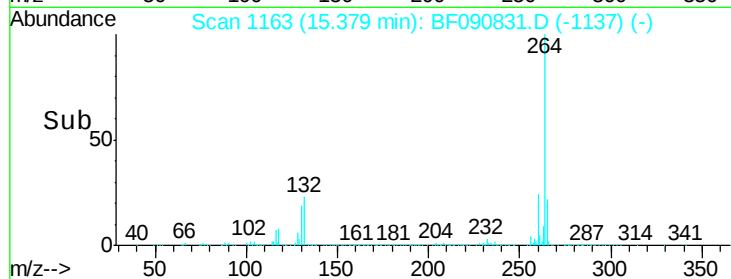
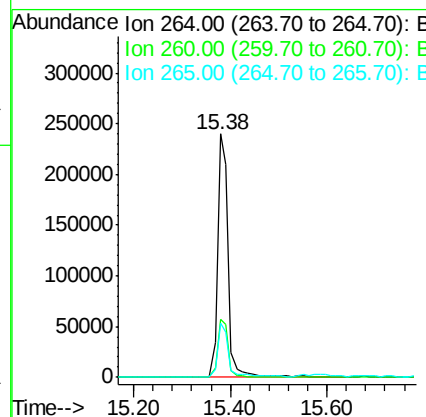
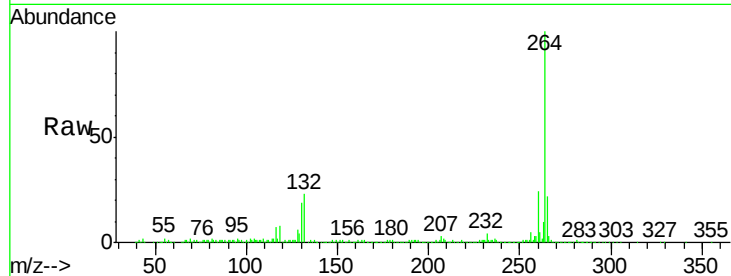
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF090831.D
Acq: 26 Oct 2016 2:05

Instrument :
BNA_F
ClientSampleId :
P2-S3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	16.7	25.1
265	22.3	17.2	25.8

Manual Integrations
APPROVED

umangi
10/26/2016 4:46:14 PM



#87
Benzo(b)fluoranthene
Concen: 3.55 ng m
RT: 14.98 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BF090831.D
Acq: 26 Oct 2016 2:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	13.1	17.1	25.7#

