

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
 Data File : BF098547.D
 Acq On : 15 Sep 2017 00:14
 Operator : SJ/JU
 Sample : I5161-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RL-7-0-11

Manual Integrations
 APPROVED

Sohil
 9/15/2017 5:44:26 PM

Quant Time: Sep 15 07:00:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	149185	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	605943	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	259860	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	396605	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	295854	20.00	ng	-0.02
86) Perylene-d12	15.19	264	309136	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1189671	117.90	ng	-0.01
7) Phenol-d6	6.30	99	1520557	118.69	ng	-0.02
23) Nitrobenzene-d5	7.22	82	926152	85.21	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	220900	127.37	ng	-0.02
44) 2-Fluorobiphenyl	9.01	172	1489607	97.16	ng	-0.02
78) Terphenyl-d14	12.75	244	953654	69.58	ng	-0.02
Target Compounds						
10) Phenol	6.32	94	38898	2.614	ng	86
49) Dimethylphthalate	9.40	163	213156	10.597	ng	100
70) Phenanthrene	11.19	178	49577	2.358	ng	97
74) Fluoranthene	12.37	202	83347	3.960	ng	99
77) Pyrene	12.60	202	75114	3.218	ng	98
80) Benzo(a)anthracene	13.79	228	35165	2.027	ng	# 89
82) Chrysene	13.82	228	41263	2.353	ng	95
87) Benzo(b)fluoranthene	14.80	252	56326m	2.898	ng	
89) Benzo(a)pyrene	15.14	252	40256	2.325	ng	# 89

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

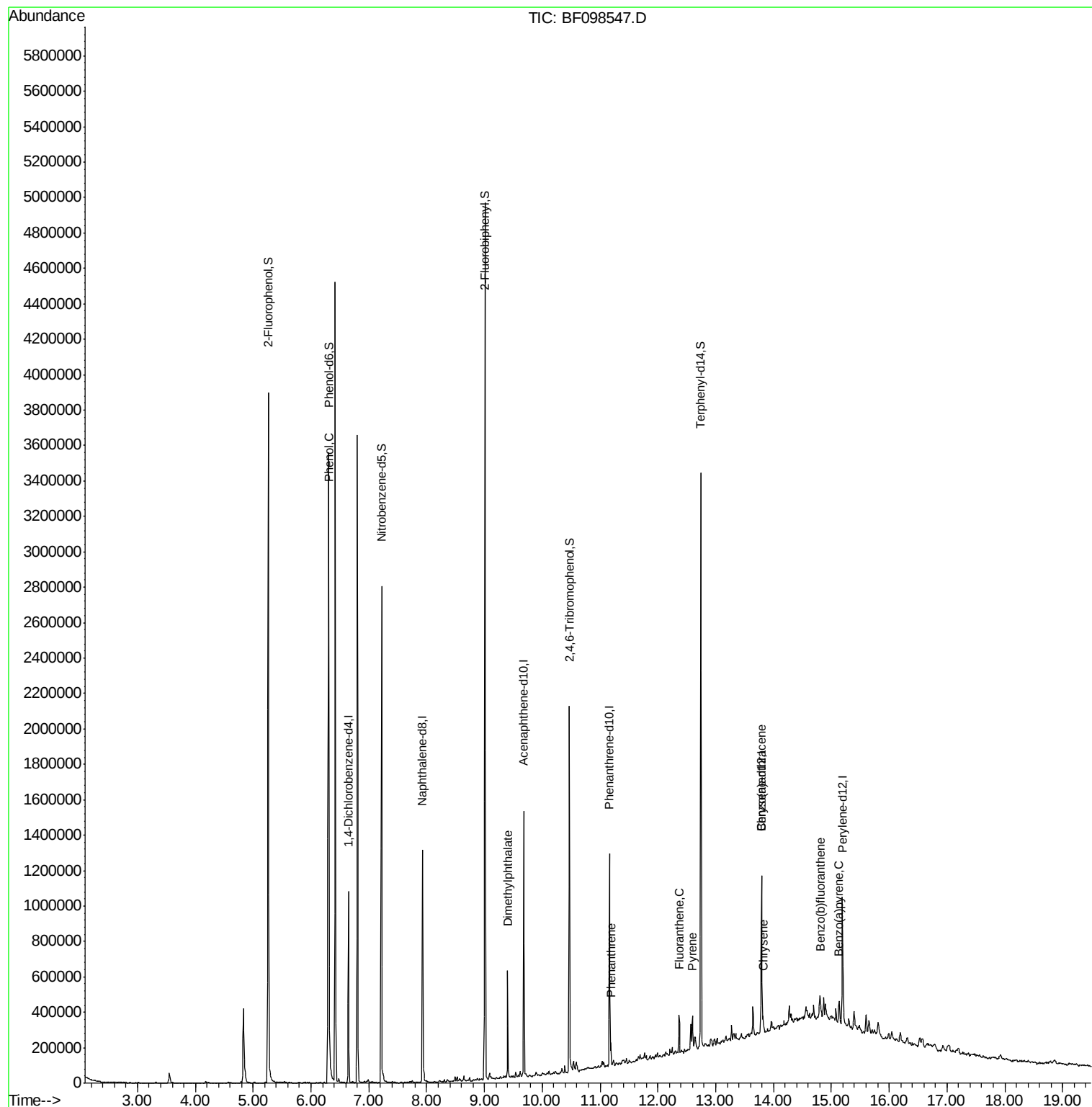
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098547.D
Acq On : 15 Sep 2017 00:14
Operator : SJ/JU
Sample : I5161-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

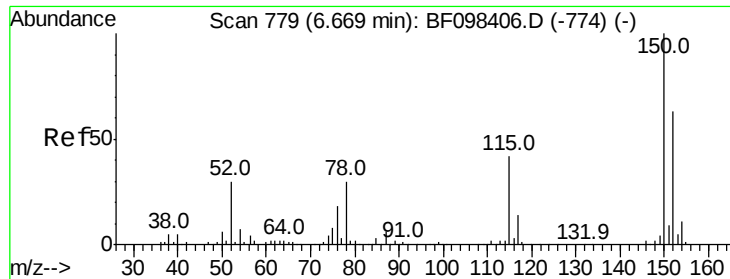
Instrument :
BNA_F
ClientSampleId :
RL-7-0-11

Manual Integrations
APPROVED

Sohil
9/15/2017 5:44:26 PM

Quant Time: Sep 15 07:00:29 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration





#1

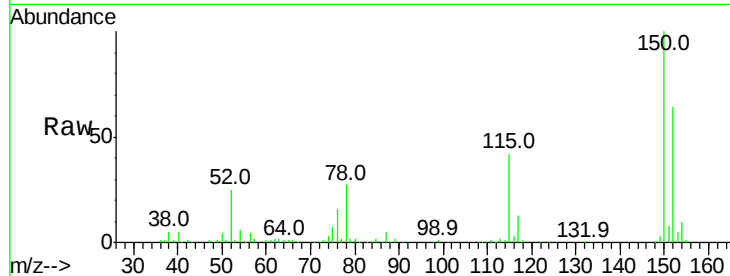
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.65 min Scan# 775
 Delta R.T. -0.02 min
 Lab File: BF098547.D
 Acq: 15 Sep 2017 00:14

Instrument :
 BNA_F
 ClientSampleId :
 RL-7-0-11

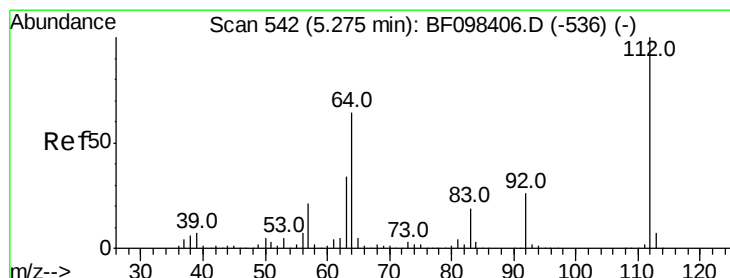
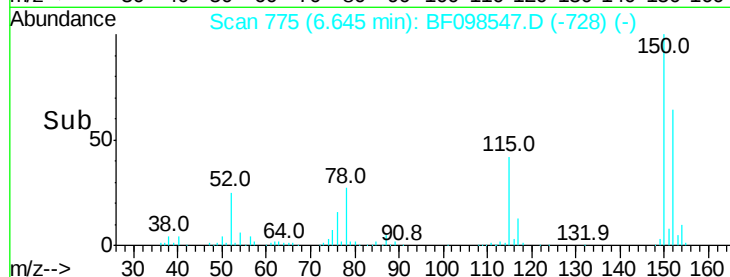
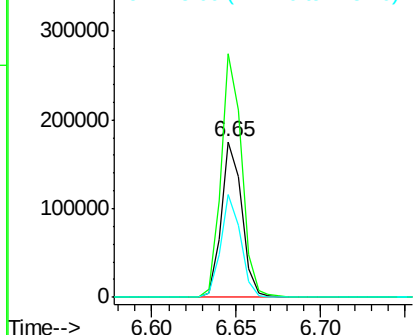
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.2	189.2
115	65.8	52.2	78.2

Manual Integrations
 APPROVED

Sohil
 9/15/2017 5:44:26 PM



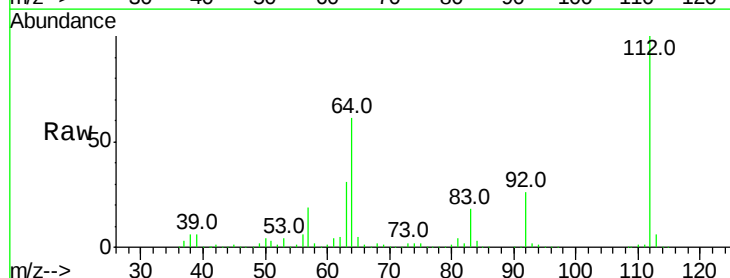
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



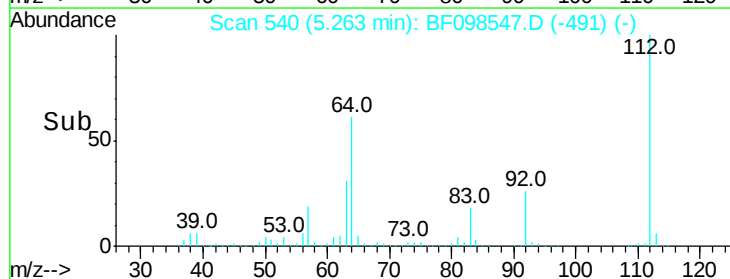
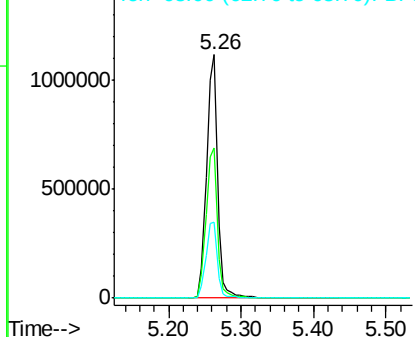
#5

2-Fluorophenol
 Concen: 117.904 ng
 RT: 5.26 min Scan# 540
 Delta R.T. -0.01 min
 Lab File: BF098547.D
 Acq: 15 Sep 2017 00:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.5	46.0	69.0
63	31.4	23.4	35.0



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





#7

Phenol-d6

Concen: 118.691 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF098547.D

Acq: 15 Sep 2017 00:14

Instrument :

BNA_F

ClientSampled :

RL-7-0-11

Tot Ion: 99 Resp: 1520557

Ion Ratio Lower Upper

99 100

42 18.8 13.5 20.3

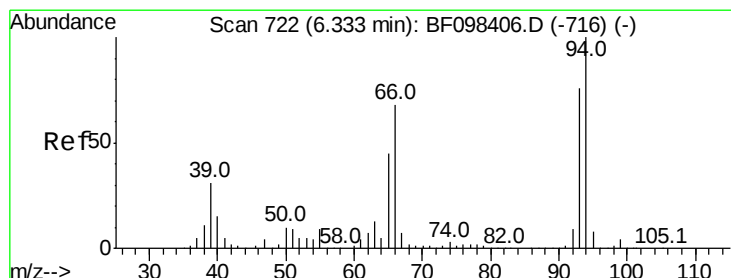
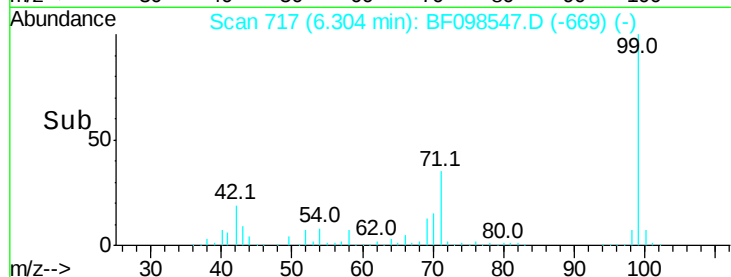
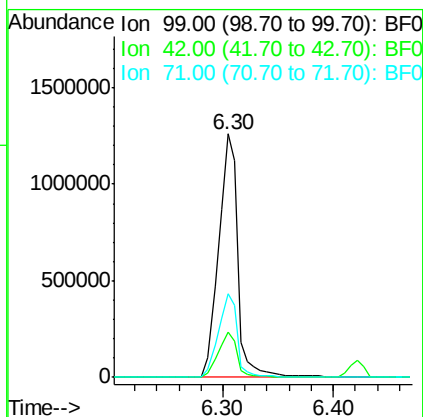
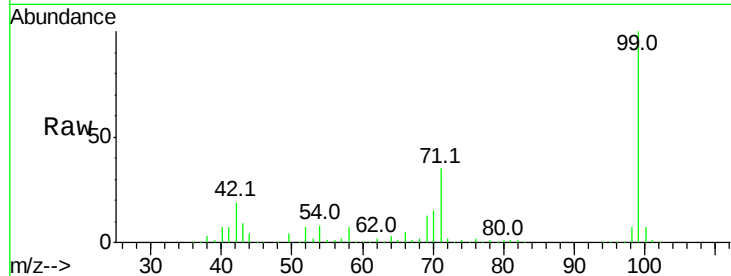
71 34.5 24.5 36.7

Manual Integrations

APPROVED

Sohil

9/15/2017 5:44:26 PM



#10

Phenol

Concen: 2.614 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.02 min

Lab File: BF098547.D

Acq: 15 Sep 2017 00:14

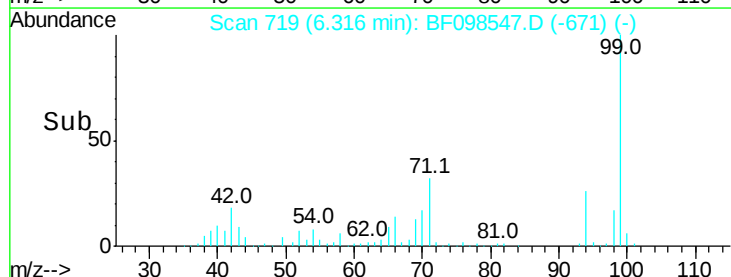
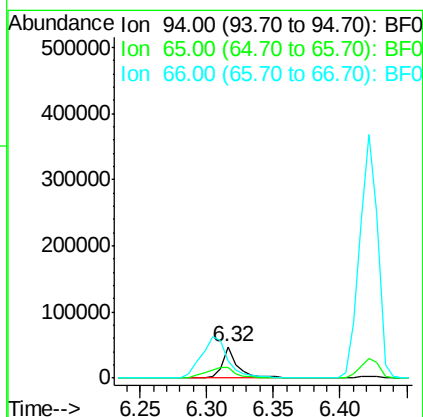
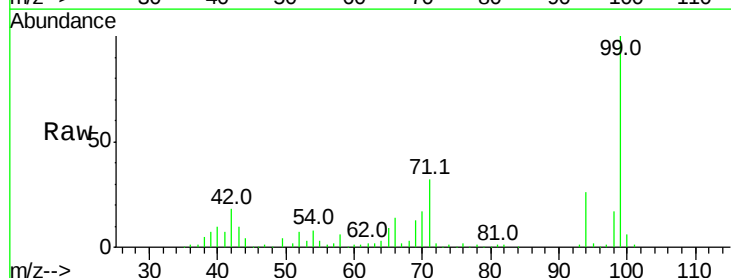
Tgt Ion: 94 Resp: 38898

Ion Ratio Lower Upper

94 100

65 33.5 9.9 49.9

66 55.8 23.1 63.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.02 min

Lab File: BF098547.D

Acq: 15 Sep 2017 00:14

Instrument :

BNA_F

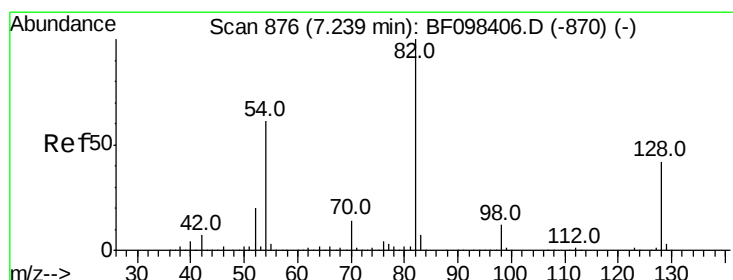
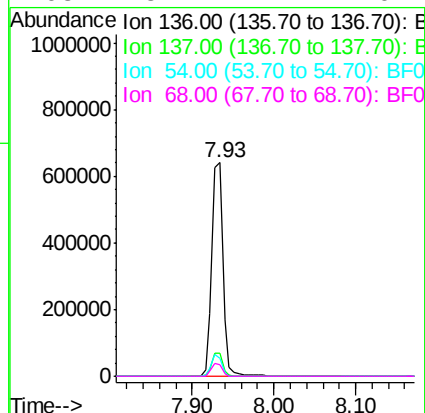
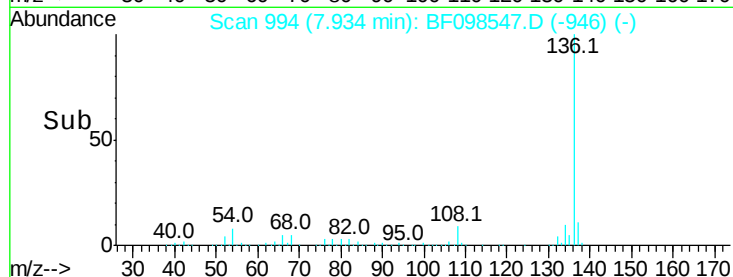
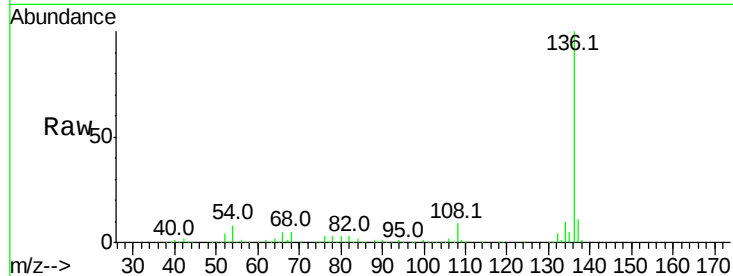
ClientSampleId :

RL-7-0-11

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.7	8.5	12.7
54	8.3	4.9	7.3
68	5.2	4.1	6.1

Manual Integrations
APPROVED

Sohil
9/15/2017 5:44:26 PM



#23

Nitrobenzene-d5

Concen: 85.210 ng

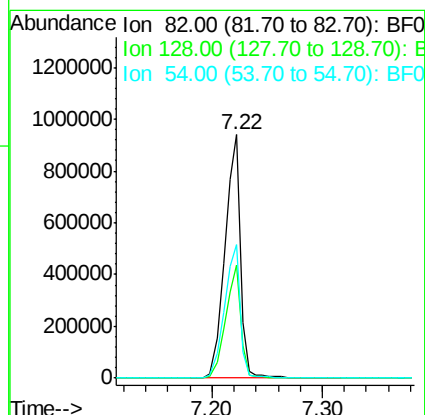
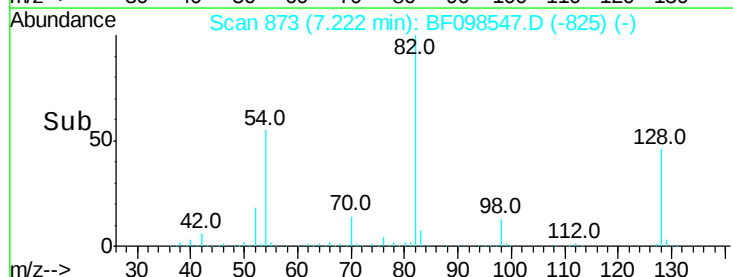
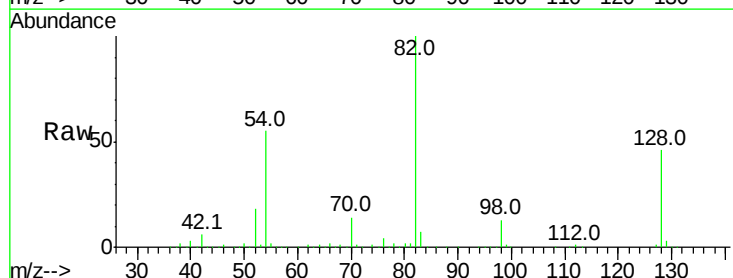
RT: 7.22 min Scan# 873

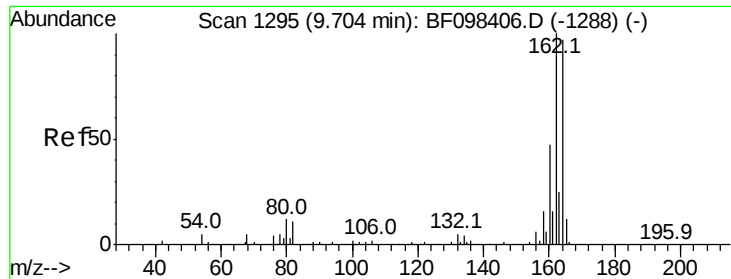
Delta R.T. -0.02 min

Lab File: BF098547.D

Acq: 15 Sep 2017 00:14

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	46.4	34.0	51.0
54	54.9	42.2	63.2





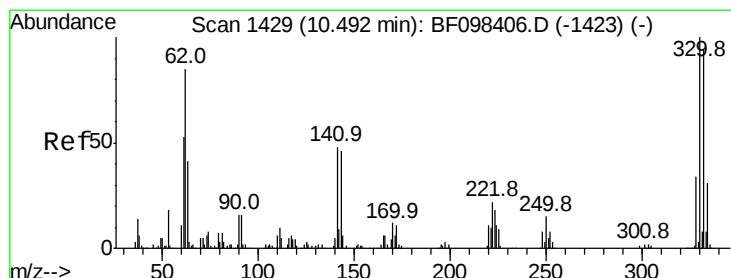
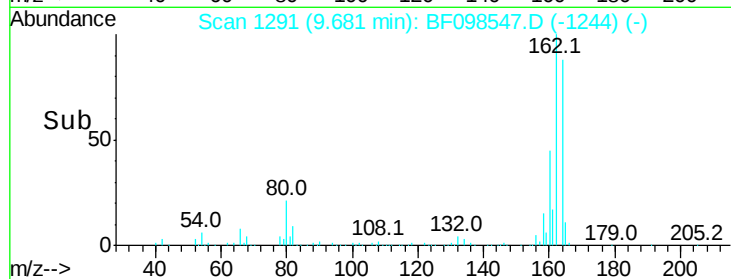
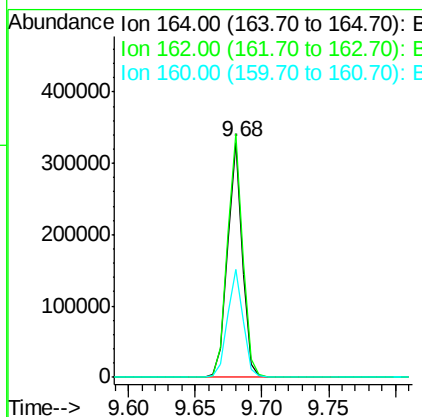
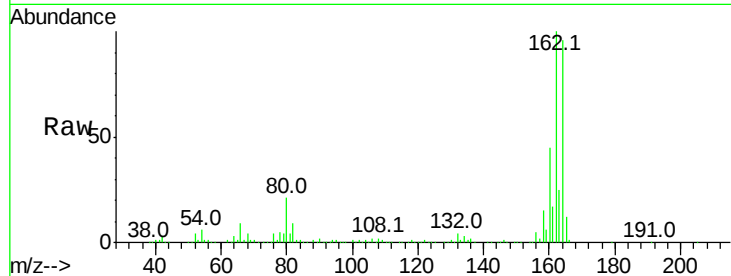
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF098547.D
Acq: 15 Sep 2017 00:14

Instrument :
BNA_F
ClientSampleId :
RL-7-0-11

Tot Ion	Ratio	Resp	Lower	Upper
164	100	259860		
162	103.8	82.6	123.8	
160	46.2	36.2	54.2	

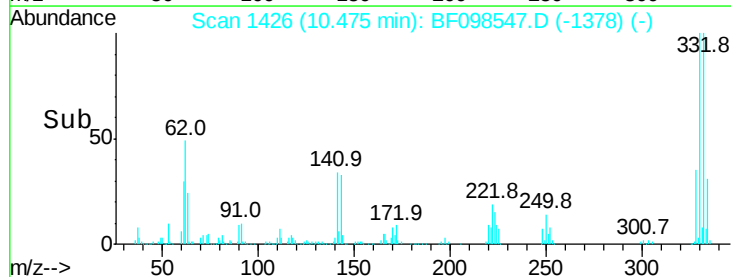
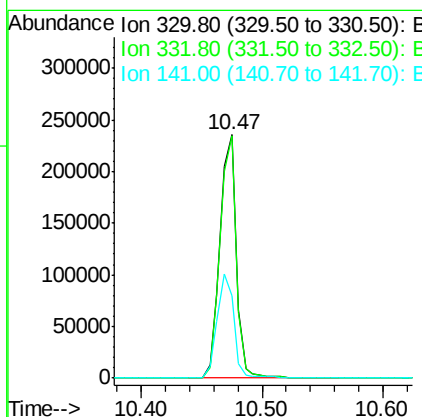
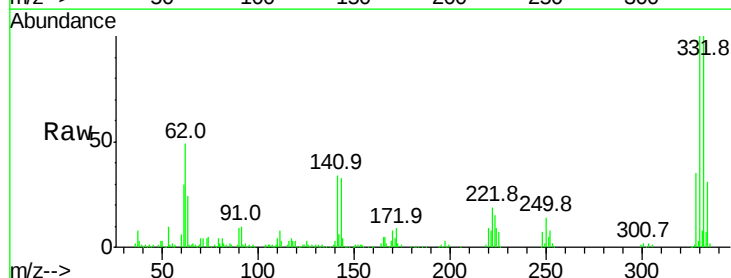
Manual Integrations
APPROVED

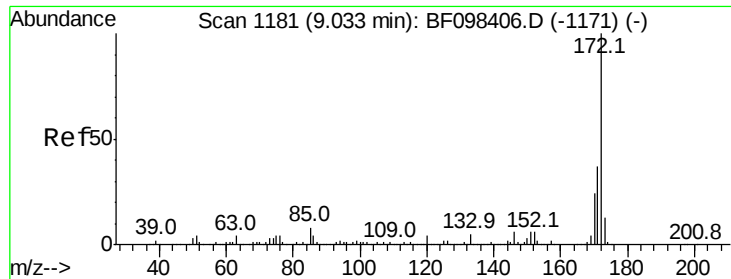
Sohil
9/15/2017 5:44:26 PM



#41
2,4,6-Tribromophenol
Concen: 127.367 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.02 min
Lab File: BF098547.D
Acq: 15 Sep 2017 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	220900		
332	97.6	76.6	115.0	
141	44.2	31.4	47.2	





#44

2-Fluorobiphenyl

Concen: 97.159 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.02 min

Lab File: BF098547.D

Acq: 15 Sep 2017 00:14

Instrument :

BNA_F

ClientSampleId :

RL-7-0-11

Tot Ion:172 Resp: 1489607

Ion Ratio Lower Upper

172 100

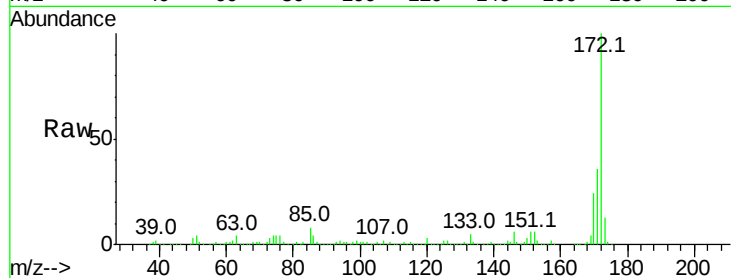
171 36.3 29.6 44.4

170 24.4 19.8 29.8

Manual Integrations
APPROVED

Sohil

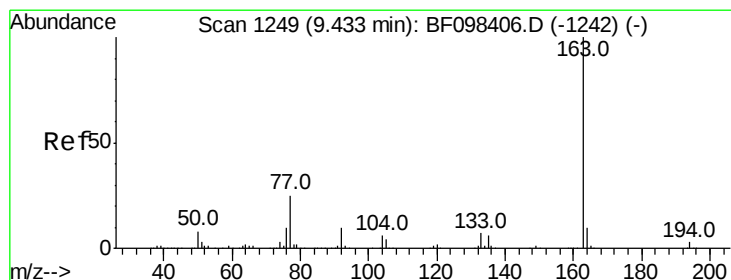
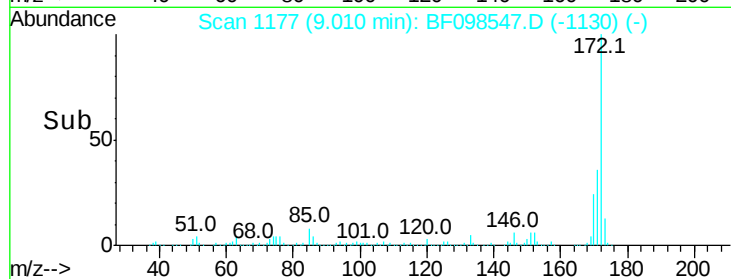
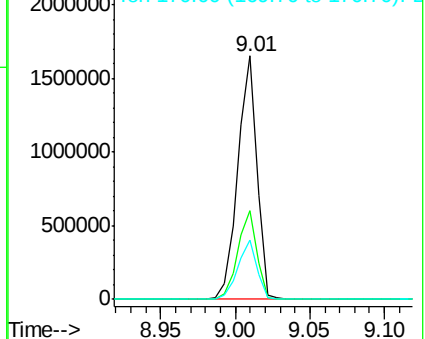
9/15/2017 5:44:26 PM



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49

Dimethylphthalate

Concen: 10.597 ng

RT: 9.40 min Scan# 1244

Delta R.T. -0.03 min

Lab File: BF098547.D

Acq: 15 Sep 2017 00:14

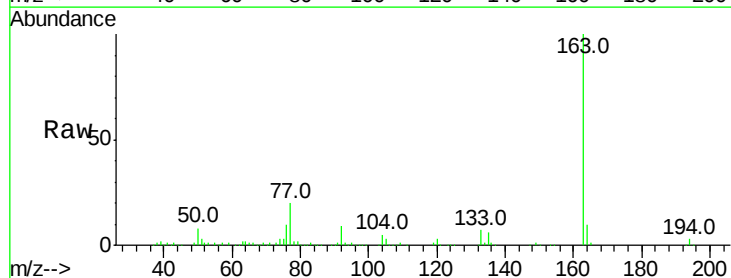
Tgt Ion:163 Resp: 213156

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

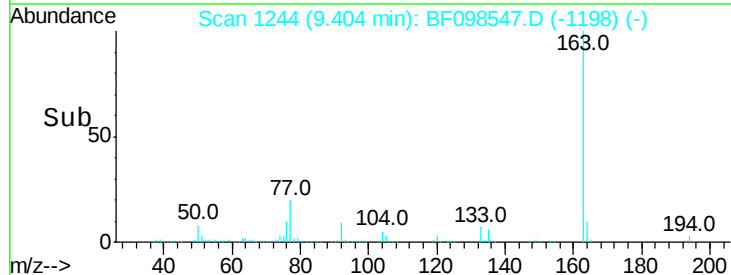
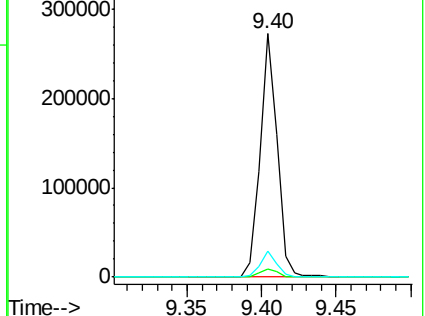
164 10.4 8.4 12.6

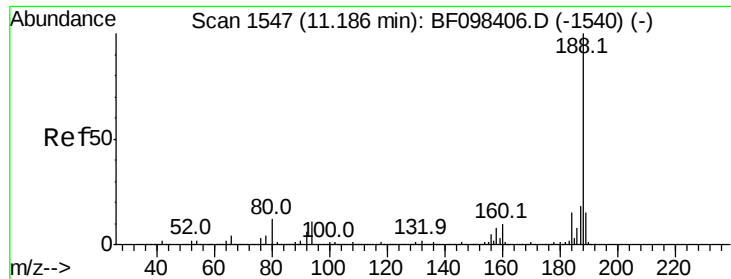


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





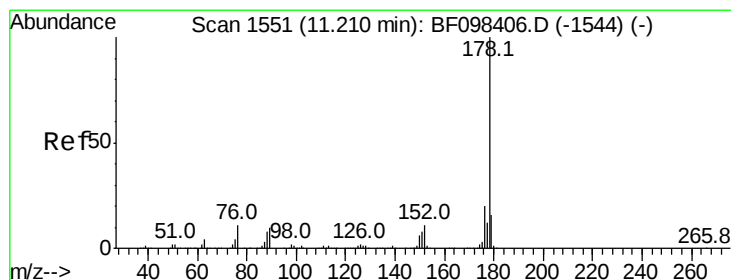
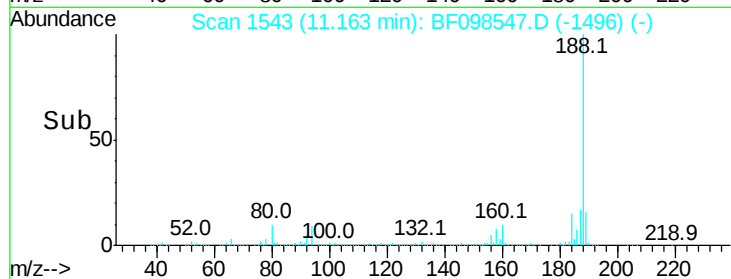
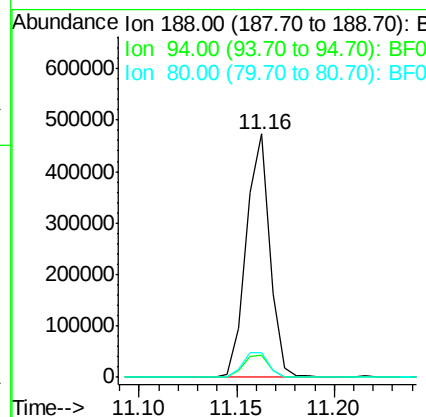
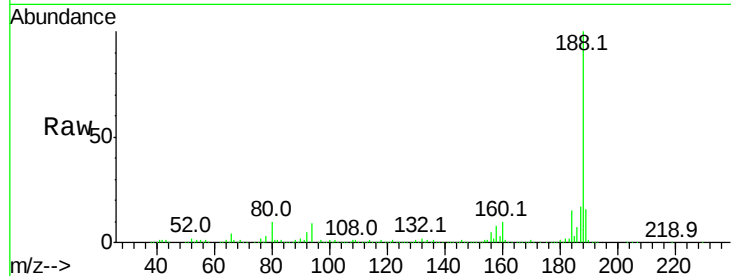
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.02 min
Lab File: BF098547.D
Acq: 15 Sep 2017 00:14

Instrument :
BNA_F
ClientSampleId :
RL-7-0-11

Tot Ion	Ratio	Resp	Lower	Upper
188	100	396605		
94	9.2		9.4	14.2#
80	10.2		10.2	15.2

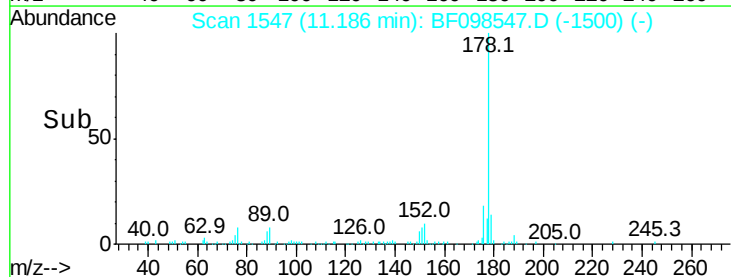
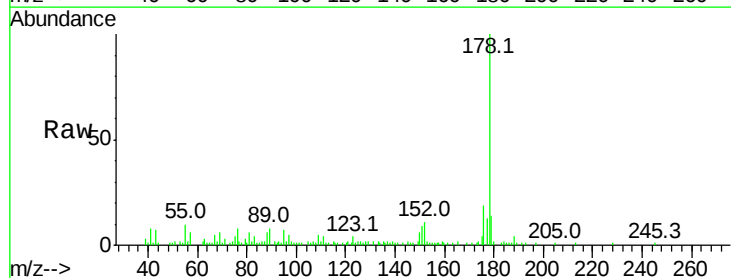
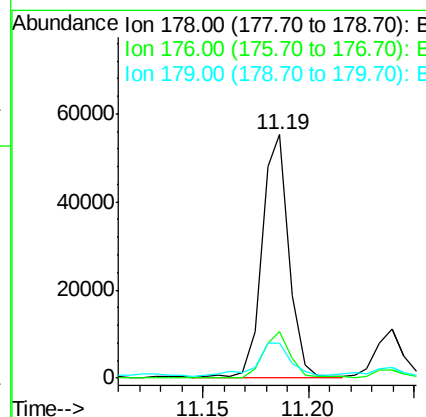
Manual Integrations
APPROVED

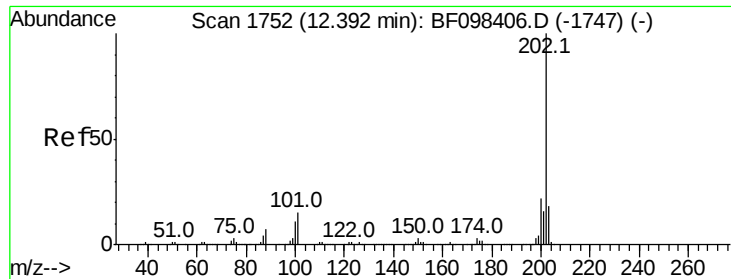
Sohil
9/15/2017 5:44:26 PM



#70
Phenanthrene
Concen: 2.358 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF098547.D
Acq: 15 Sep 2017 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	49577		
176	18.9		16.2	24.4
179	14.5		12.6	19.0





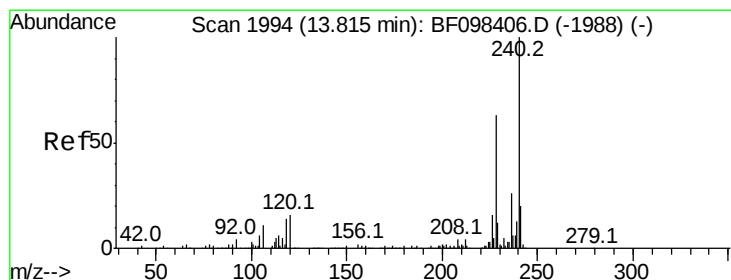
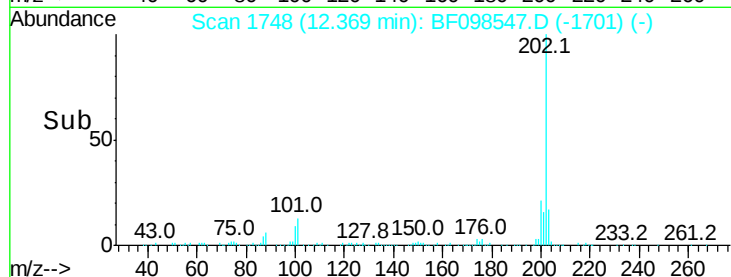
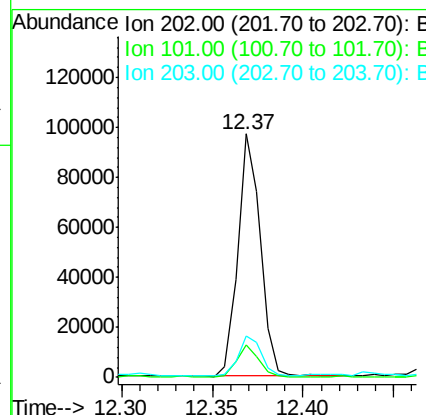
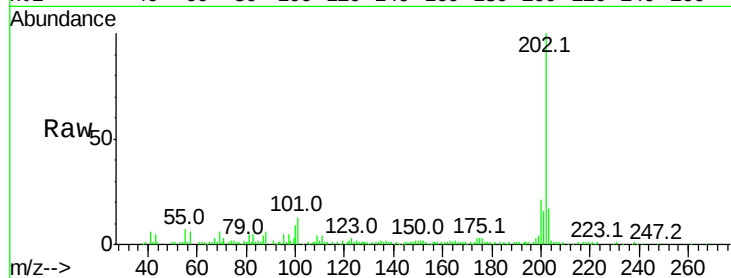
#74
Fluoranthene
Concen: 3.960 ng
RT: 12.37 min Scan# 1748
Delta R.T. -0.02 min
Lab File: BF098547.D
Acq: 15 Sep 2017 00:14

Instrument :
BNA_F
ClientSampleId :
RL-7-0-11

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.1	0.0	33.2
203	17.2	0.0	38.1

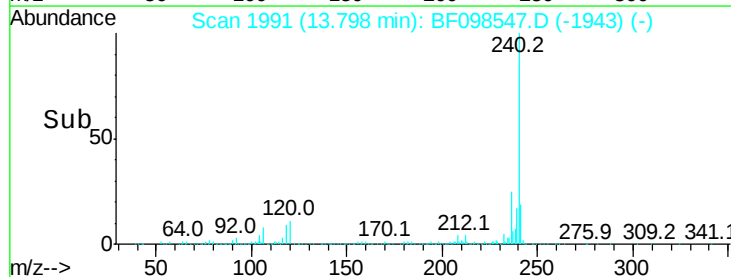
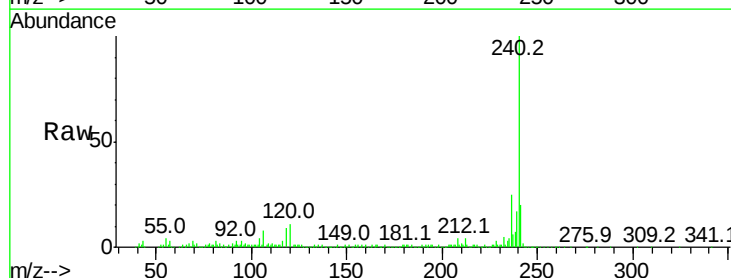
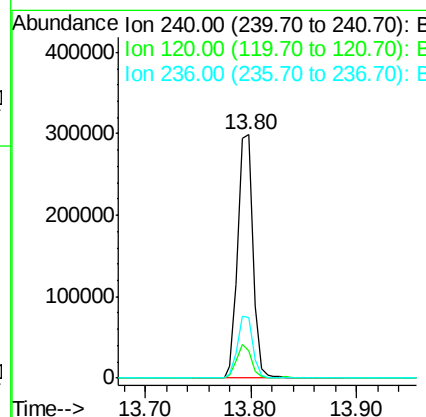
Manual Integrations
APPROVED

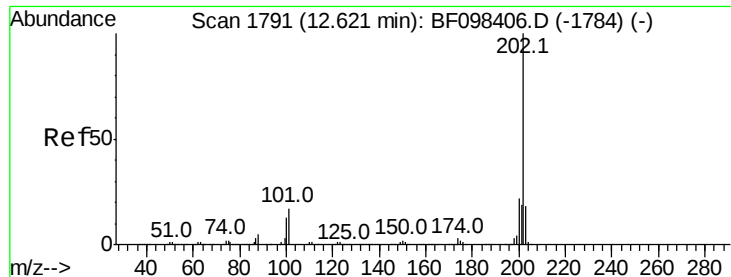
Sohil
9/15/2017 5:44:26 PM



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.02 min
Lab File: BF098547.D
Acq: 15 Sep 2017 00:14

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.2	5.8	8.8#
236	24.7	20.5	30.7





#77

Pvrene

Concen: 3.218 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.02 min

Lab File: BF098547.D

Acq: 15 Sep 2017 00:14

Instrument :

BNA_F

ClientSampleId :

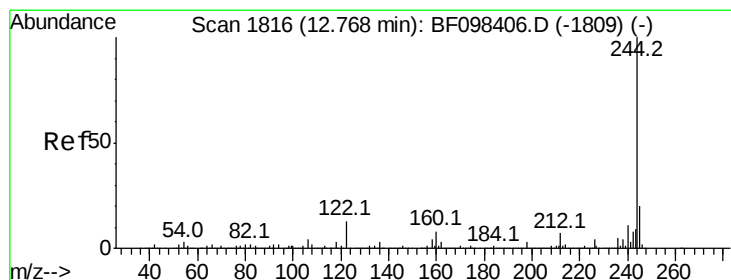
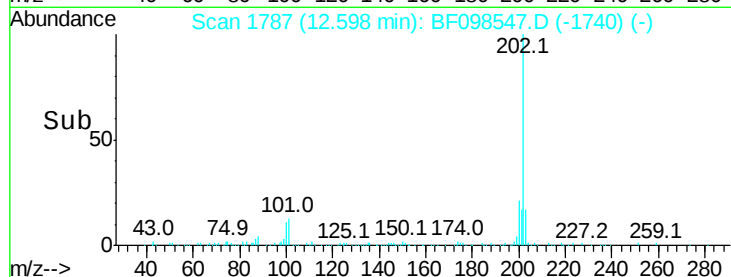
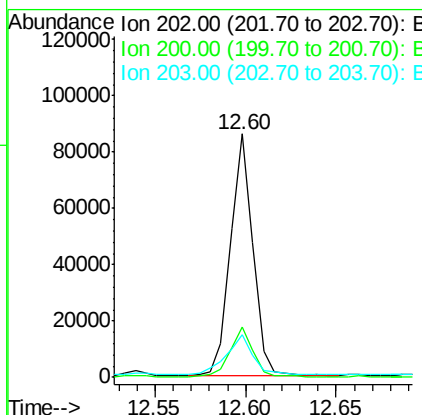
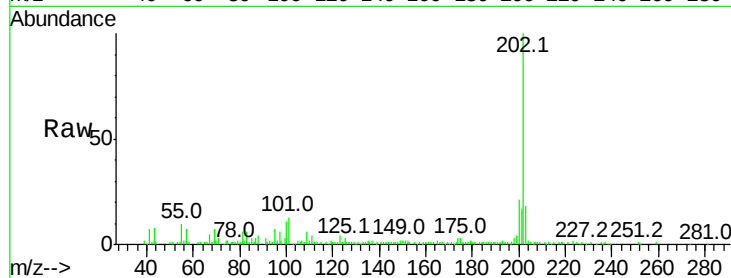
RL-7-0-11

Tot Ion:	202	Resp:	75114
Ion Ratio	Lower	Upper	
202	100		
200	20.5	17.6	26.4
203	17.7	14.4	21.6

Manual Integrations
APPROVED

Sohil

9/15/2017 5:44:26 PM



#78

Terphenyl-d14

Concen: 69.576 ng

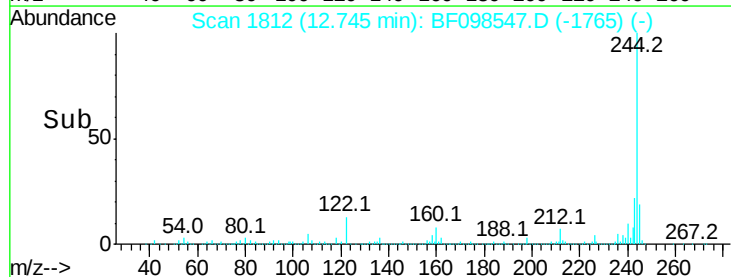
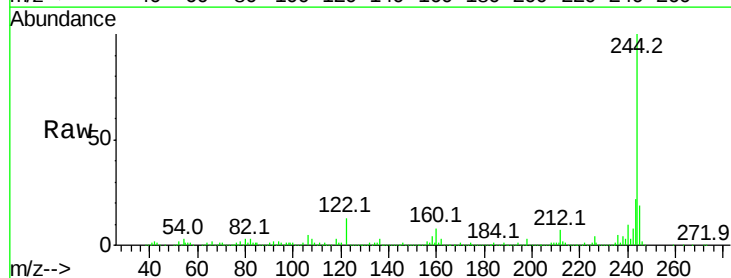
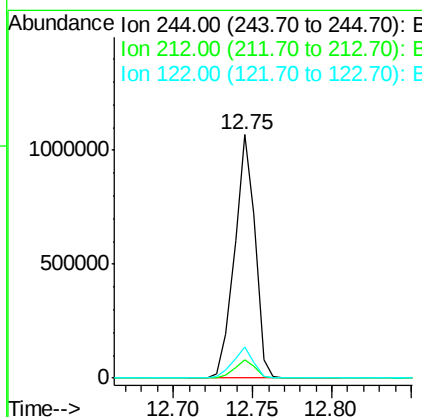
RT: 12.75 min Scan# 1812

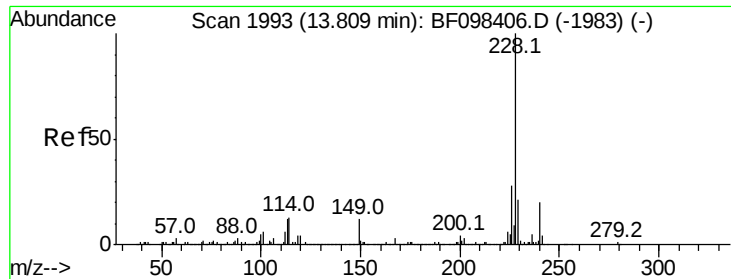
Delta R.T. -0.02 min

Lab File: BF098547.D

Acq: 15 Sep 2017 00:14

Tgt Ion:	244	Resp:	953654
Ion Ratio	Lower	Upper	
244	100		
212	7.4	6.0	9.0
122	12.9	10.3	15.5





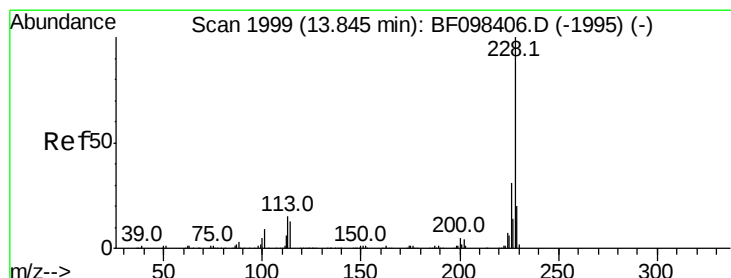
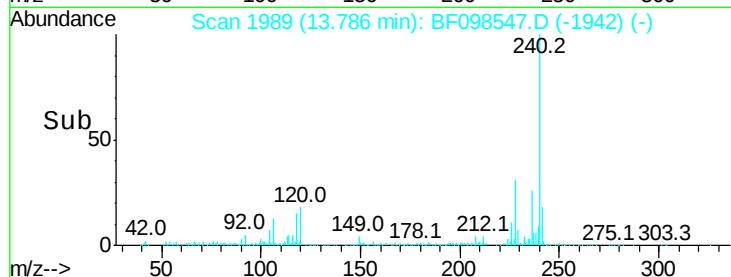
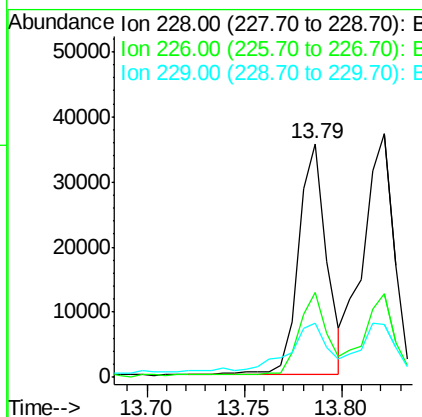
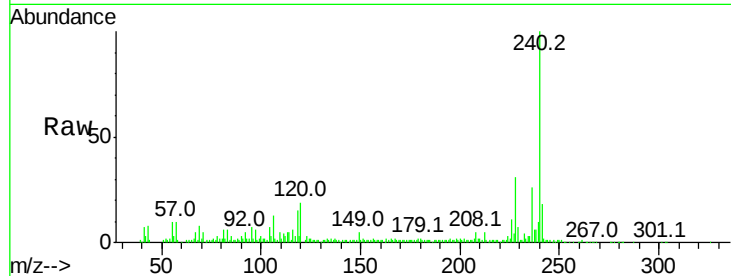
#80
Benzo(a)anthracene
Concen: 2.027 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BF098547.D
Acq: 15 Sep 2017 00:14

Instrument :
BNA_F
ClientSampled :
RL-7-0-11

Tot Ion	Ratio	Lower	Upper
228	100		
226	36.1	22.6	33.8#
229	22.9	16.3	24.5

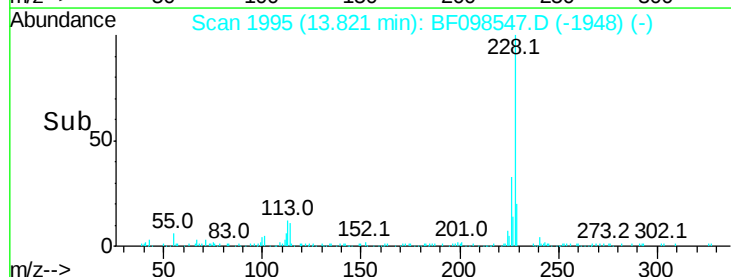
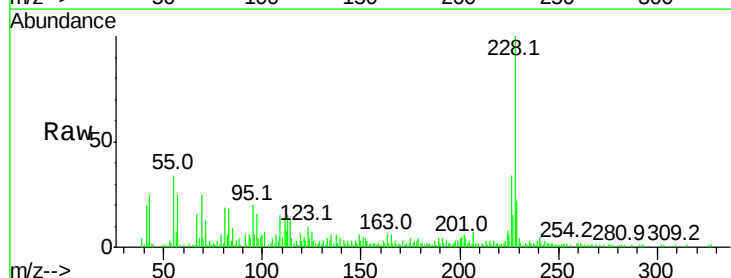
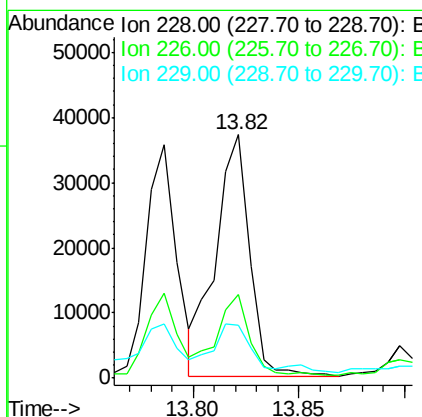
Manual Integrations
APPROVED

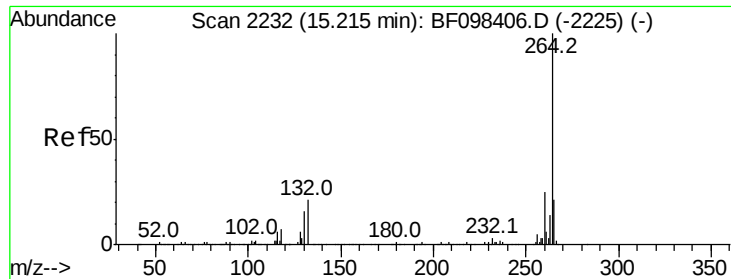
Sohil
9/15/2017 5:44:26 PM



#82
Chrysene
Concen: 2.353 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF098547.D
Acq: 15 Sep 2017 00:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.2	24.9	37.3
229	21.9	15.8	23.6





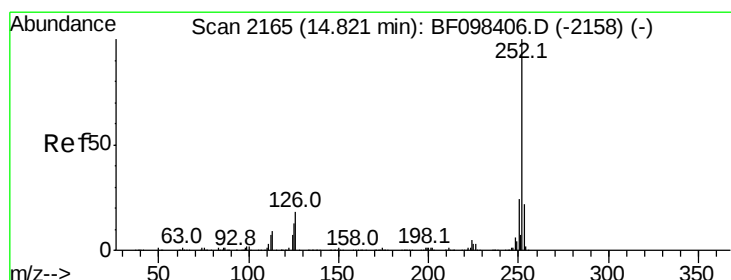
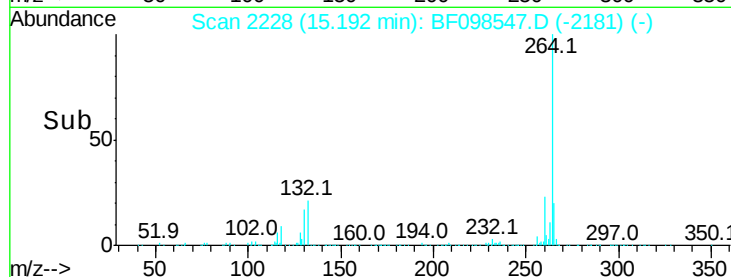
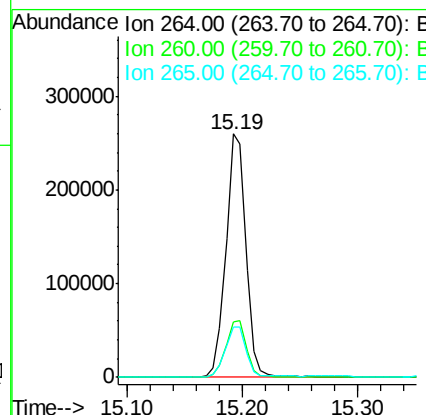
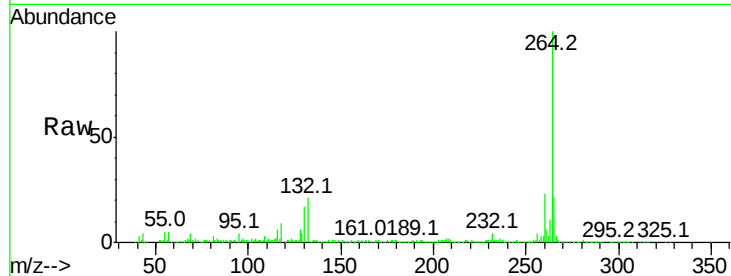
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.19 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF098547.D
Acq: 15 Sep 2017 00:14

Instrument :
BNA_F
ClientSampleId :
RL-7-0-11

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	20.6	17.2	25.8

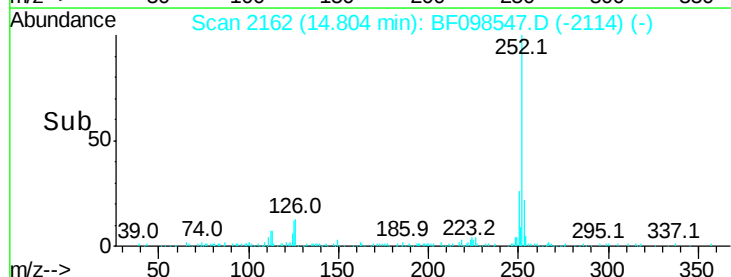
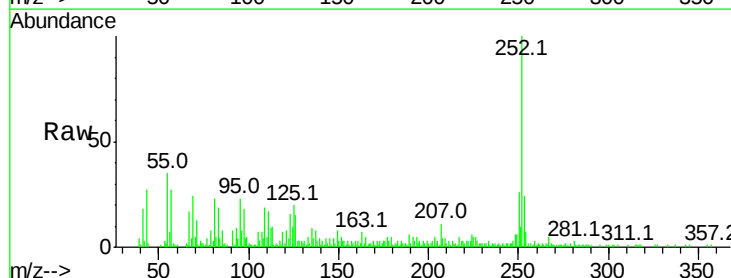
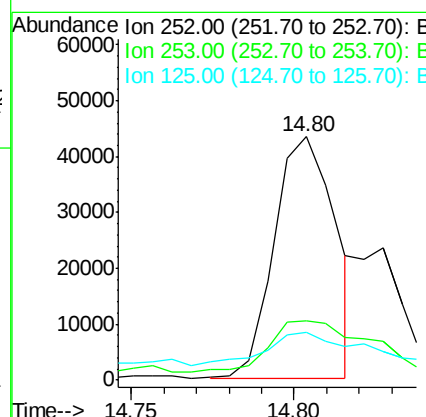
Manual Integrations
APPROVED

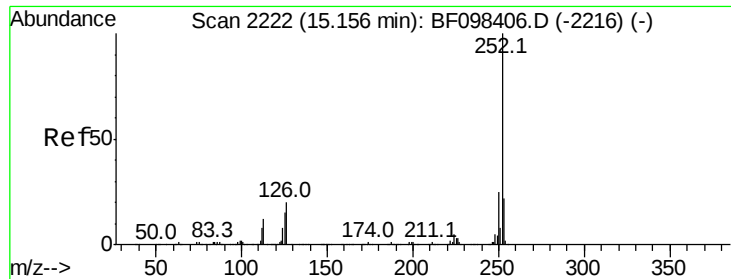
Sohil
9/15/2017 5:44:26 PM



#87
Benzo(b)fluoranthene
Concen: 2.898 ng m
RT: 14.80 min Scan# 2162
Delta R.T. -0.02 min
Lab File: BF098547.D
Acq: 15 Sep 2017 00:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.1	27.1
125	19.6	9.8	14.8#





#89

Benzo(a)pyrene

Concen: 2.325 ng

RT: 15.14 min Scan# 2219

Delta R.T. -0.02 min

Lab File: BF098547.D

Acq: 15 Sep 2017 00:14

Instrument :

BNA_F

ClientSampleId :

RL-7-0-11

Tot Ion:	252	Resp:	40256
Ion Ratio	Lower	Upper	
252	100		
253	24.9	17.5	26.3
125	21.1	11.0	16.4

Manual Integrations
APPROVED

Sohil

9/15/2017 5:44:26 PM

