

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111518\
 Data File : BF110799.D
 Acq On : 15 Nov 2018 20:13
 Operator : JU/SJ
 Sample : J5767-15 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-111418-D

Manual Integrations
 APPROVED

Sohil
 11/16/2018 10:07:27 AM

Quant Time: Nov 16 07:30:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	60468	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	241737	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	105635	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	174246	20.00	ng	0.00
76) Chrysene-d12	14.13	240	157672	20.00	ng	0.00
87) Perylene-d12	15.66	264	112824	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	193253	51.91	ng	-0.01
7) Phenol-d6	6.56	99	244770	51.42	ng	-0.01
23) Nitrobenzene-d5	7.50	82	150704	35.90	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	49187	46.21	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	278306	37.63	ng	-0.01
79) Terphenyl-d14	13.06	244	236707	28.12	ng	-0.01
Target Compounds						
10) Phenol	6.57	94	12300	2.228	ng	Qvalue 86
50) Dimethylphthalate	9.69	163	27671	3.511	ng	100
71) Phenanthrene	11.50	178	44457	4.762	ng	97
75) Fluoranthene	12.70	202	50025	5.345	ng	98
78) Pyrene	12.93	202	70621	5.817	ng	97
81) Benzo(a)anthracene	14.12	228	28509m	3.025	ng	
83) Chrysene	14.16	228	32270	3.594	ng	96
88) Benzo(b)fluoranthene	15.20	252	21804m	3.230	ng	
90) Benzo(a)pyrene	15.60	252	15563	2.538	ng	# 82

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

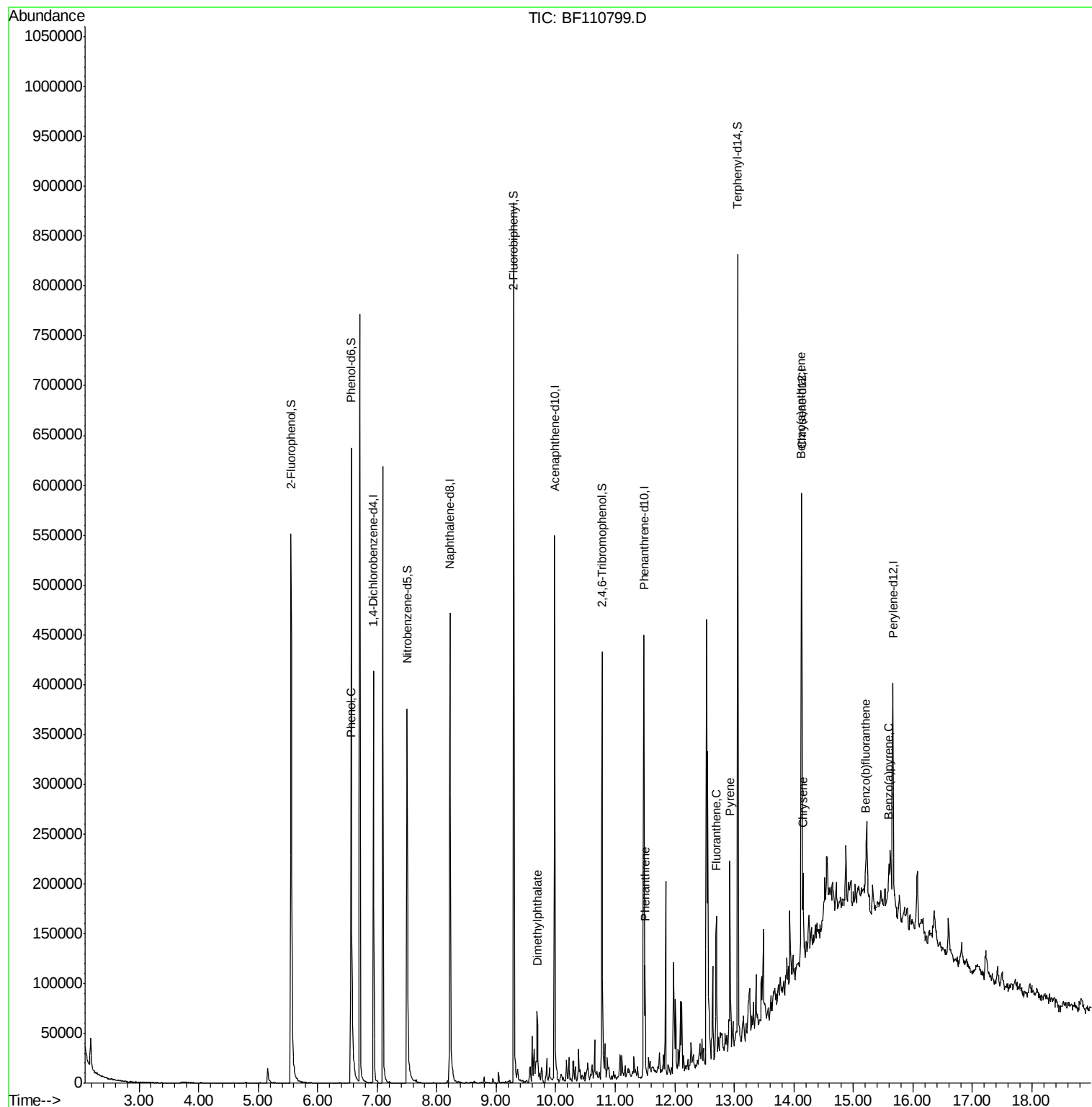
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111518\
Data File : BF110799.D
Acq On : 15 Nov 2018 20:13
Operator : JU/SJ
Sample : J5767-15 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

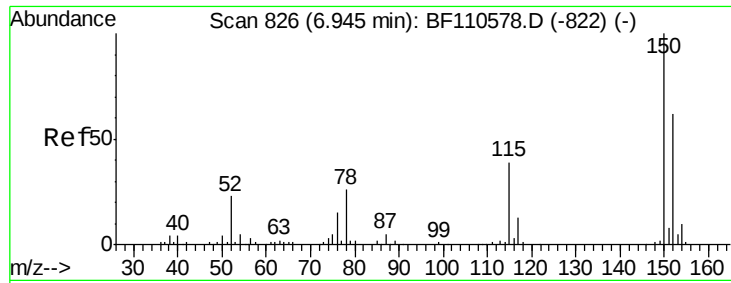
Instrument :
BNA_F
ClientSampleId :
CL-01-111418-D

Manual Integrations
APPROVED

Sohil
11/16/2018 10:07:27 AM

Quant Time: Nov 16 07:30:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration





#1

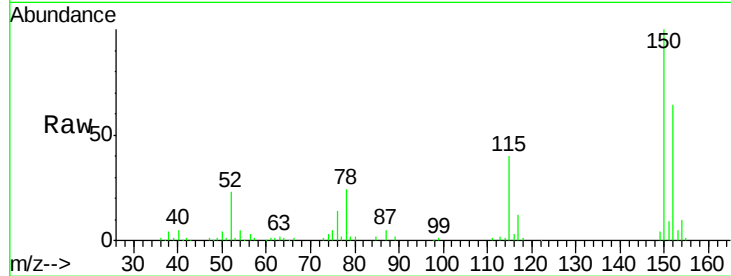
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110799.D
Acq: 15 Nov 2018 20:13

Instrument :
BNA_F
ClientSampleId :
CL-01-111418-D

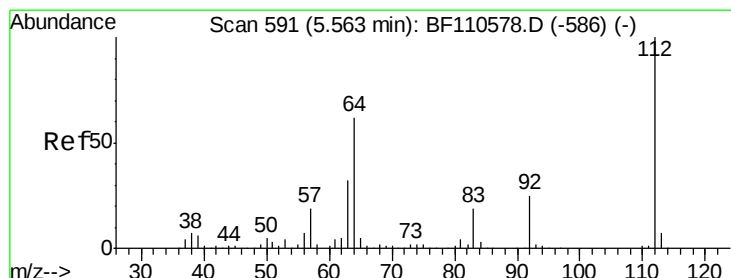
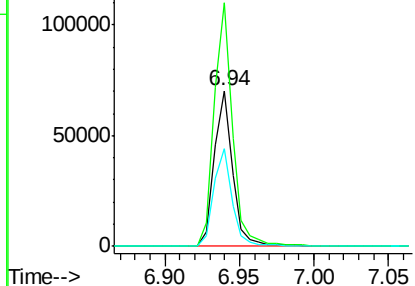
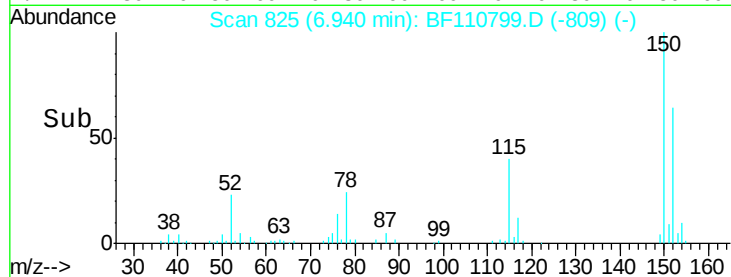
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.6	122.7	184.1
115	62.6	49.1	73.7

Manual Integrations
APPROVED

Sohil
11/16/2018 10:07:27 AM



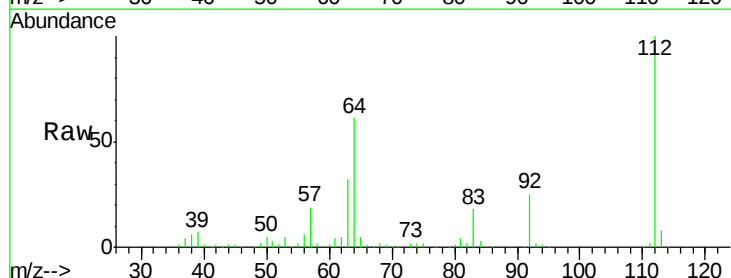
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



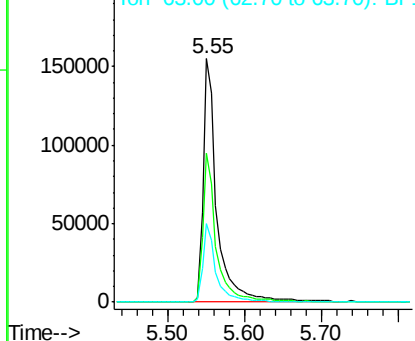
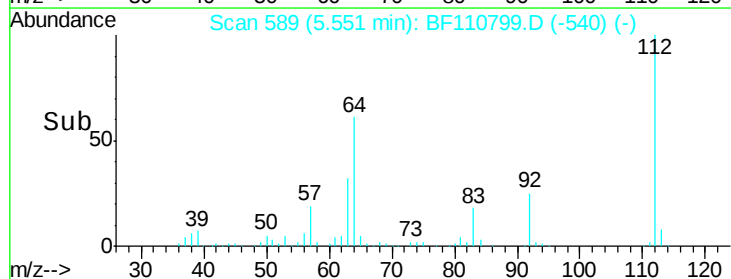
#5

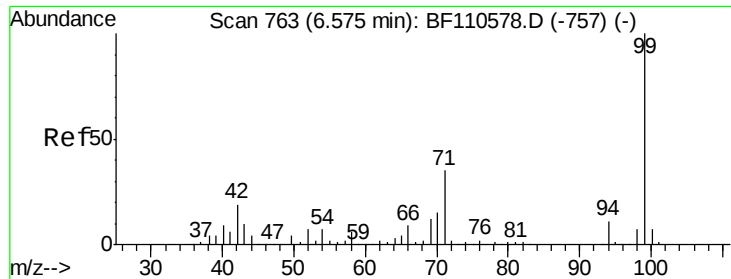
2-Fluorophenol
Concen: 51.912 ng
RT: 5.55 min Scan# 589
Delta R.T. -0.01 min
Lab File: BF110799.D
Acq: 15 Nov 2018 20:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	44.1	66.1
63	32.2	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 51.418 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110799.D

Acq: 15 Nov 2018 20:13

Instrument :

BNA_F

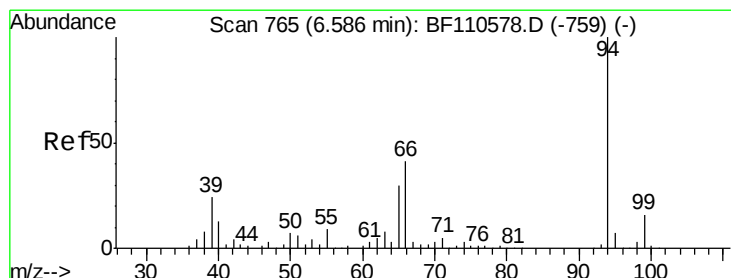
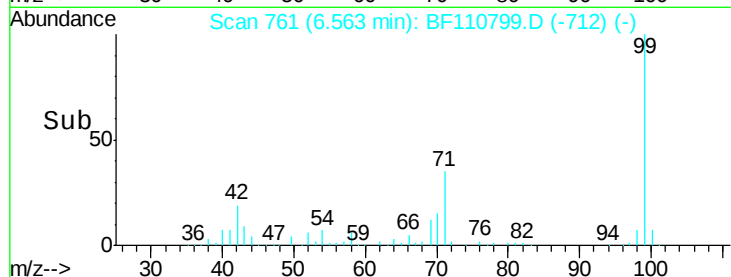
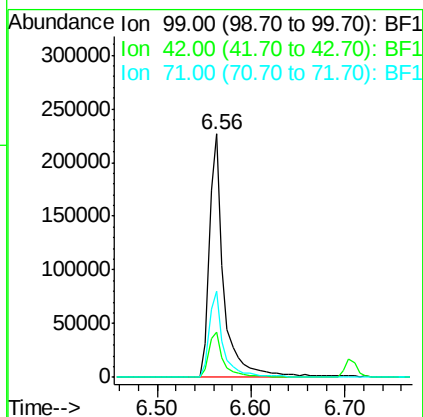
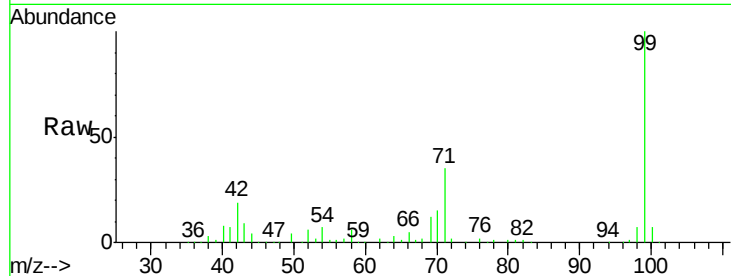
ClientSampleId :

CL-01-111418-D

Tgt Ion:	99	Resp:	244770
Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.8	23.6
71	35.2	28.0	42.0

Manual Integrations
APPROVED

Sohil
11/16/2018 10:07:27 AM



#10

Phenol

Concen: 2.228 ng

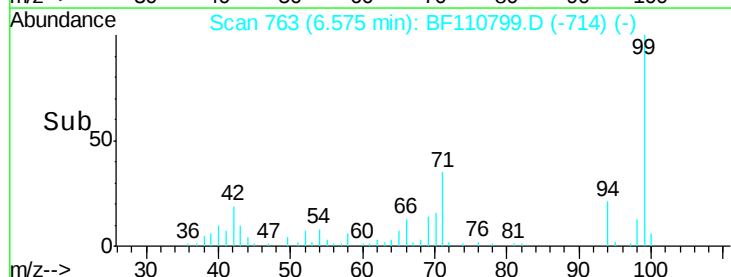
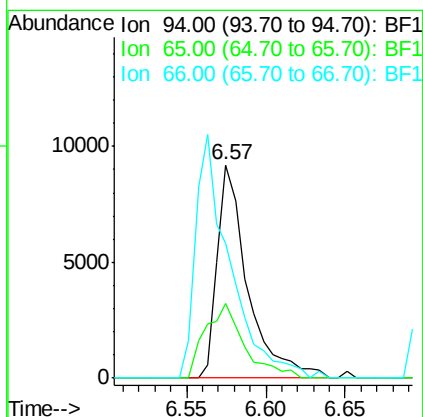
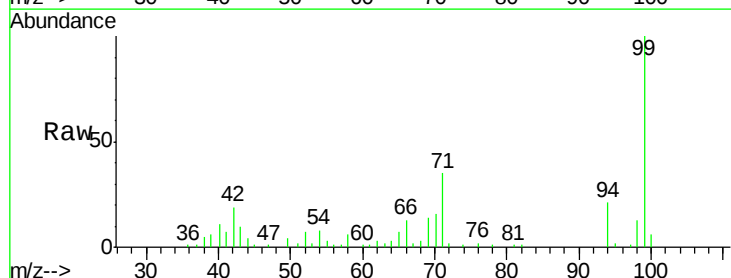
RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110799.D

Acq: 15 Nov 2018 20:13

Tgt Ion:	94	Resp:	12300
Ion	Ratio	Lower	Upper
94	100		
65	35.2	25.3	65.3
66	63.6	54.5	94.5





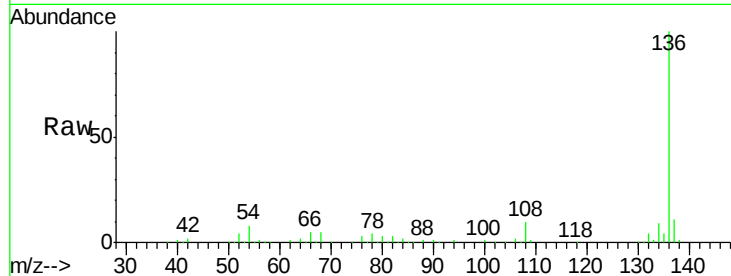
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110799.D
Acq: 15 Nov 2018 20:13

Instrument :
BNA_F
ClientSampleID :
CL-01-111418-D

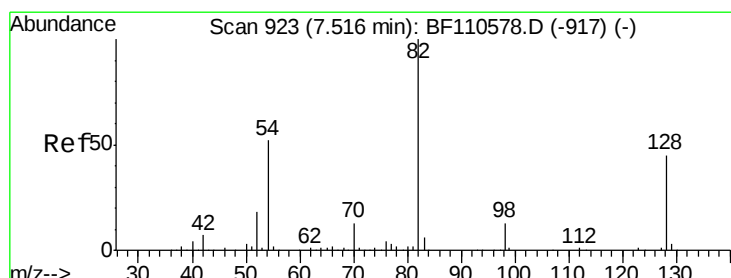
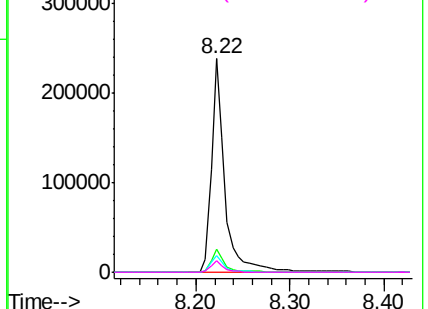
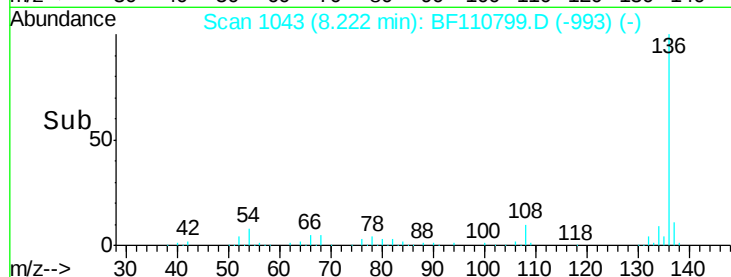
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	241737		
137	10.9	8.8	13.2	
54	7.7	5.4	8.2	
68	5.2	4.2	6.2	

Manual Integrations
APPROVED

Sohil
11/16/2018 10:07:27 AM

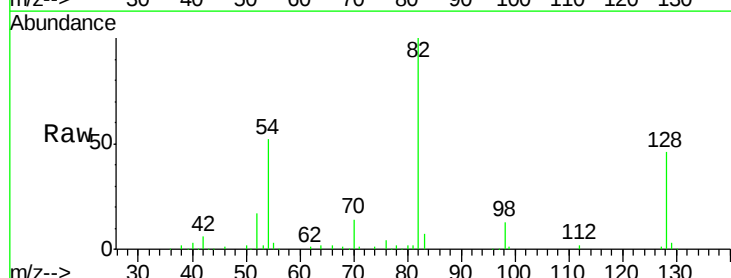


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

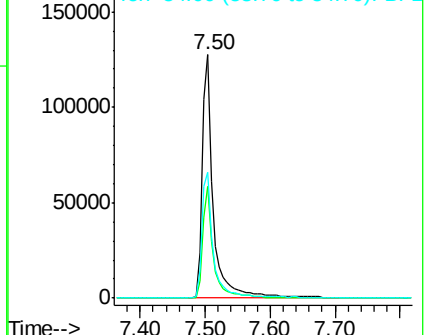
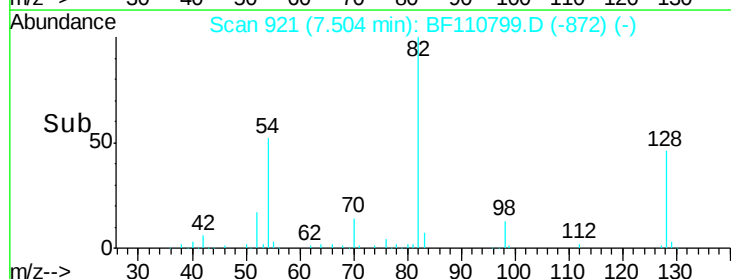


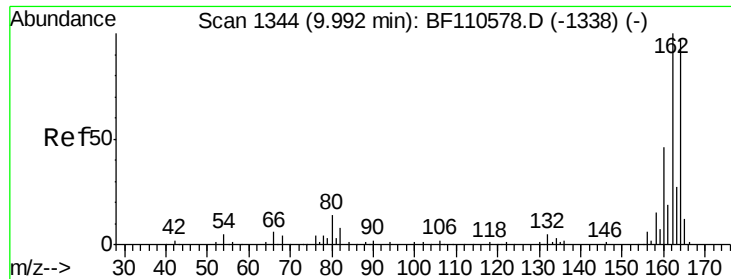
#23
Nitrobenzene-d5
Concen: 35.903 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110799.D
Acq: 15 Nov 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	150704		
128	46.2	34.2	51.2	
54	51.9	38.6	58.0	



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





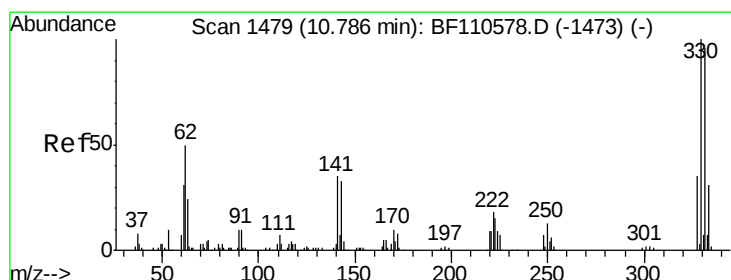
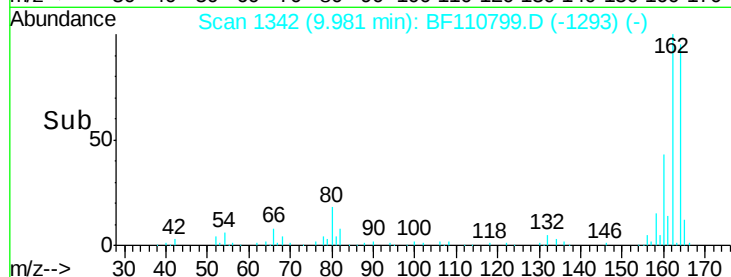
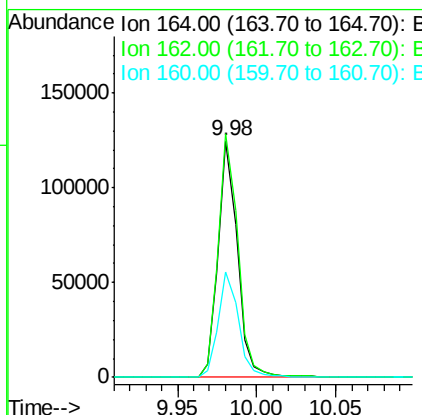
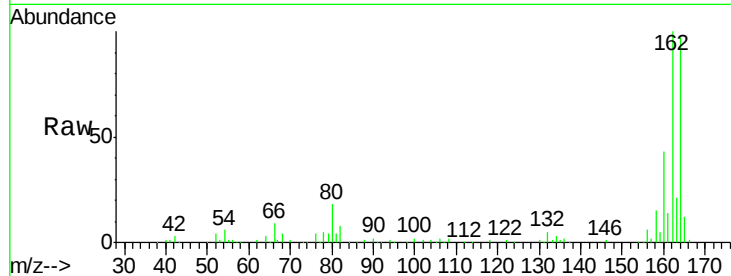
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110799.D
Acq: 15 Nov 2018 20:13

Instrument :
BNA_F
ClientSampleId :
CL-01-111418-D

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.2	83.0	124.6	
160	44.8	37.0	55.6	

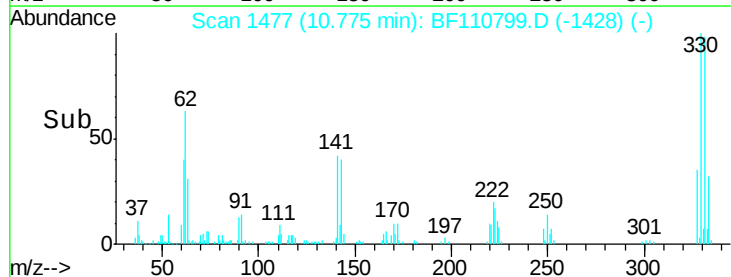
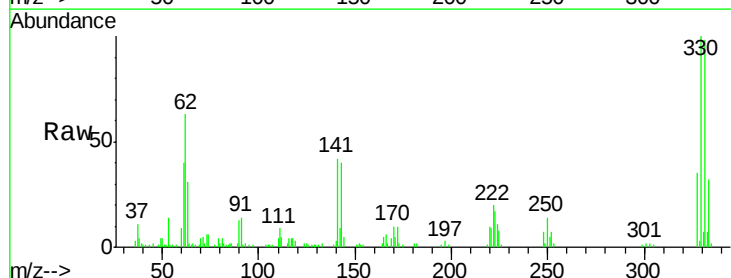
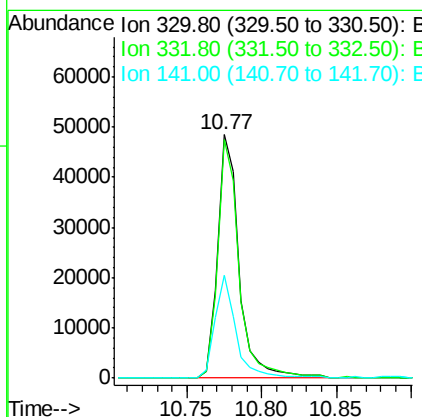
Manual Integrations
APPROVED

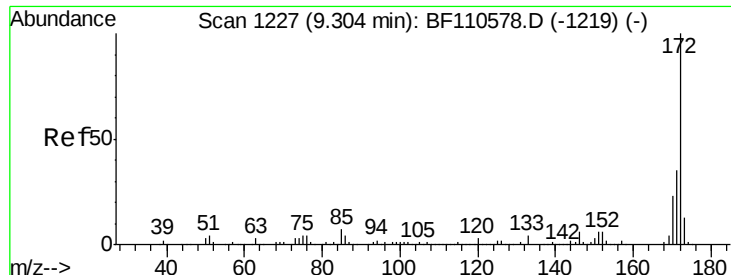
Sohil
11/16/2018 10:07:27 AM



#42
2,4,6-Tribromophenol
Concen: 46.211 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF110799.D
Acq: 15 Nov 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.9	77.1	115.7	
141	41.0	27.0	40.4#	





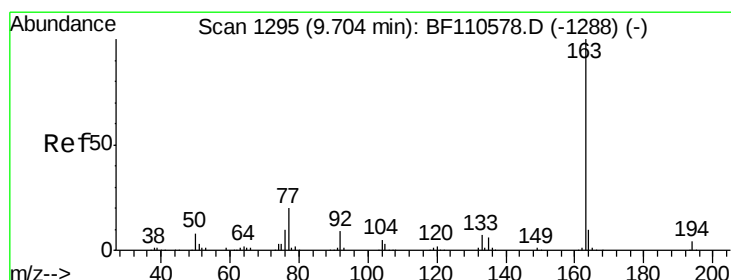
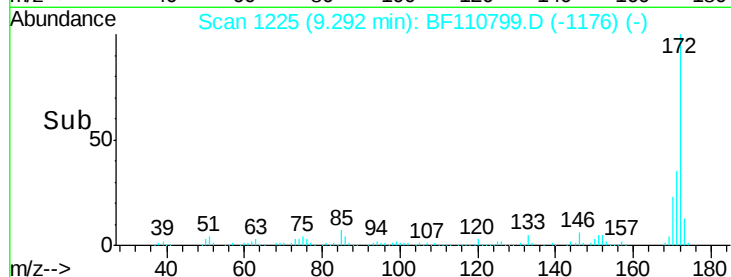
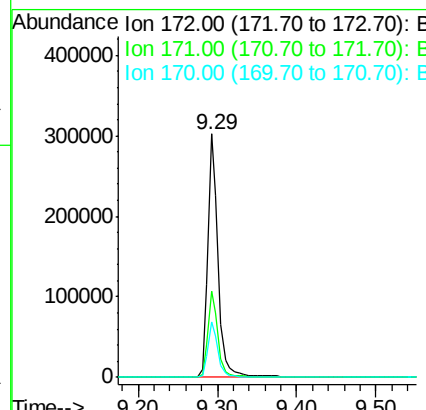
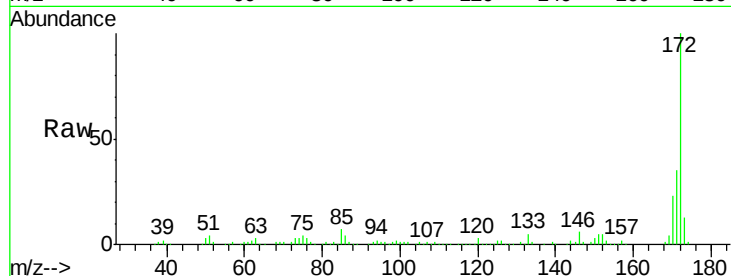
#45
2-Fluorobiphenyl
Concen: 37.627 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF110799.D
Acq: 15 Nov 2018 20:13

Instrument :
BNA_F
ClientSampleId :
CL-01-111418-D

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	278306		
171	35.1		28.6	43.0
170	23.0		19.7	29.5

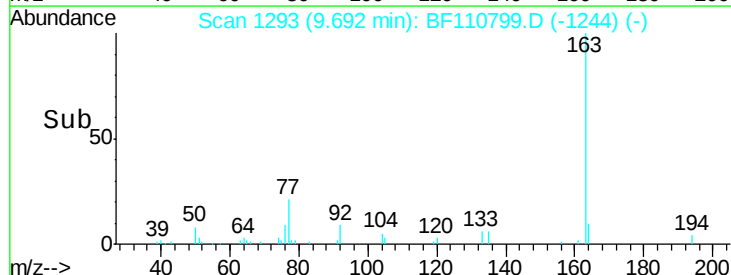
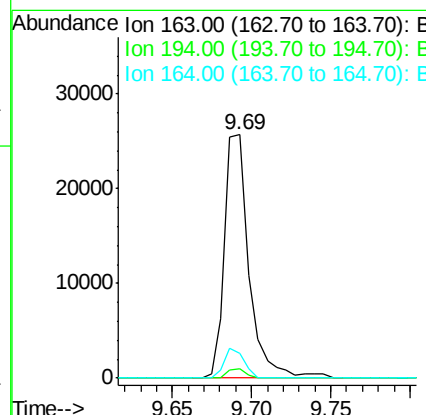
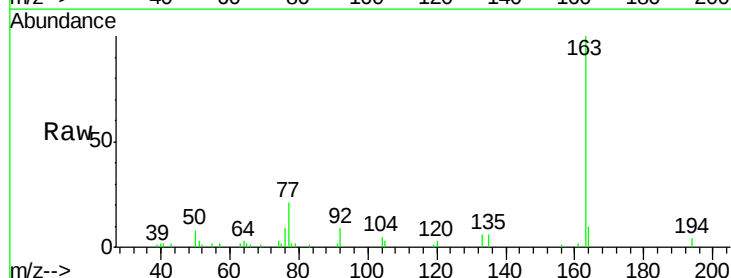
Manual Integrations
APPROVED

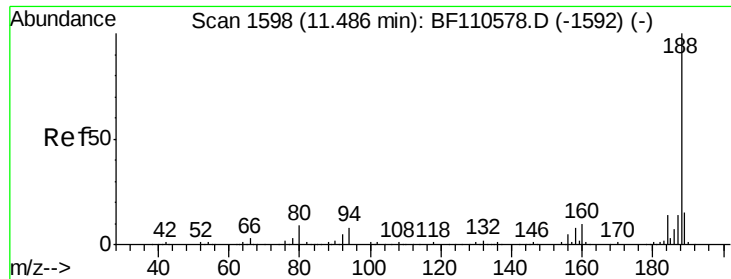
Sohil
11/16/2018 10:07:27 AM



#50
Dimethylphthalate
Concen: 3.511 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110799.D
Acq: 15 Nov 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	27671		
194	4.1		3.2	4.8
164	10.0		8.1	12.1





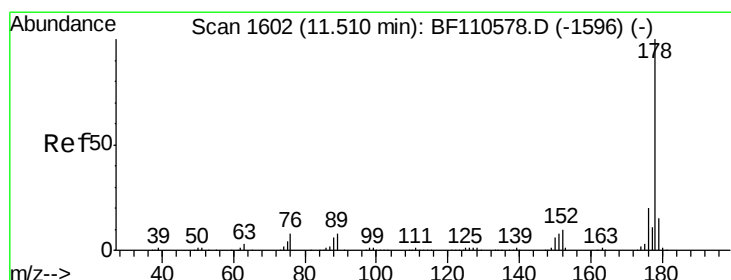
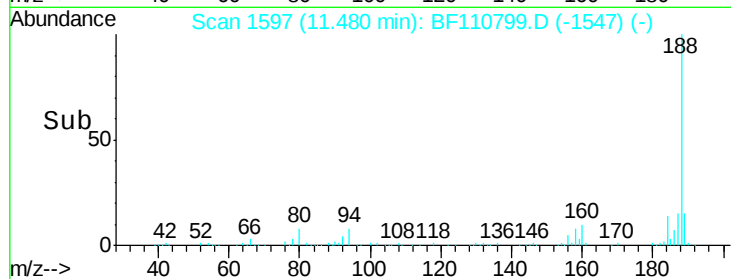
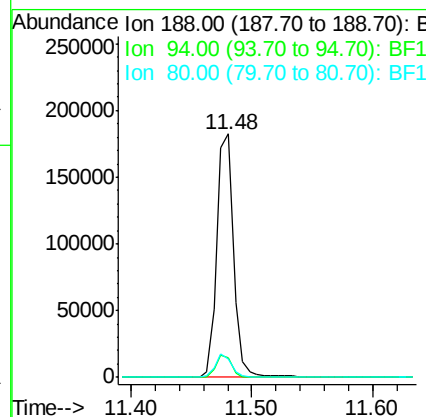
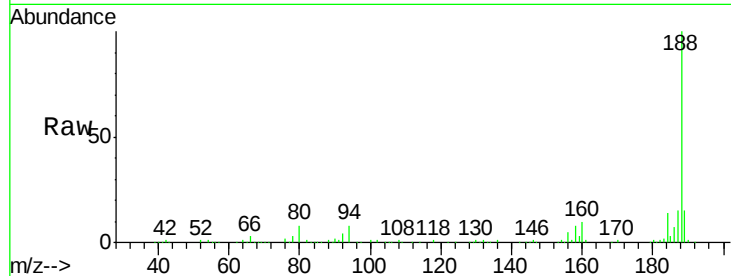
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110799.D
Acq: 15 Nov 2018 20:13

Instrument :
BNA_F
ClientSampleId :
CL-01-111418-D

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.0	7.2	10.8
80	7.8	7.9	11.9

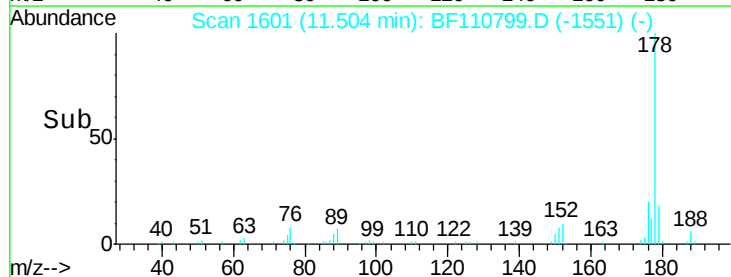
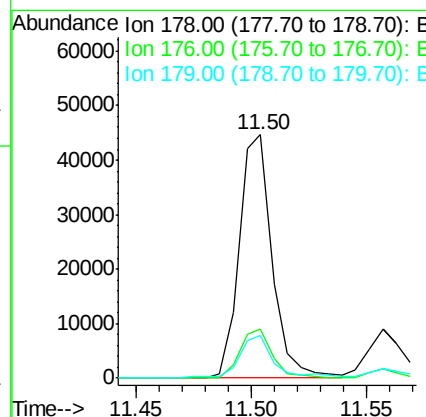
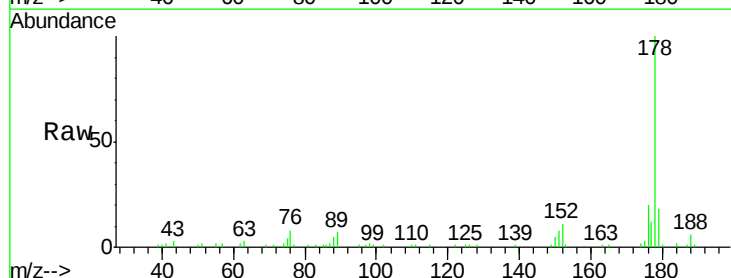
Manual Integrations
APPROVED

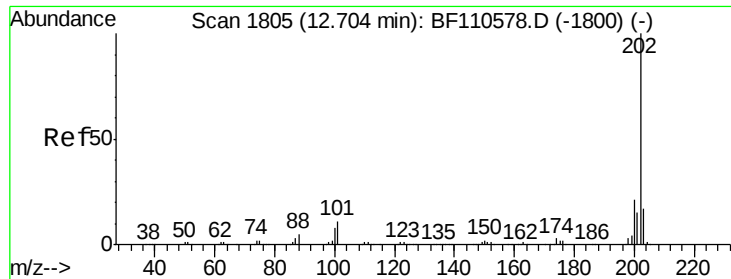
Sohil
11/16/2018 10:07:27 AM



#71
Phenanthrene
Concen: 4.762 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110799.D
Acq: 15 Nov 2018 20:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	20.0	15.5	23.3
179	17.6	12.5	18.7





#75

Fluoranthene

Concen: 5.345 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF110799.D

Acq: 15 Nov 2018 20:13

Instrument :

BNA_F

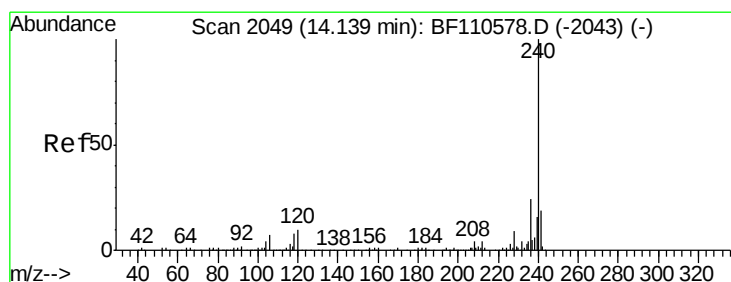
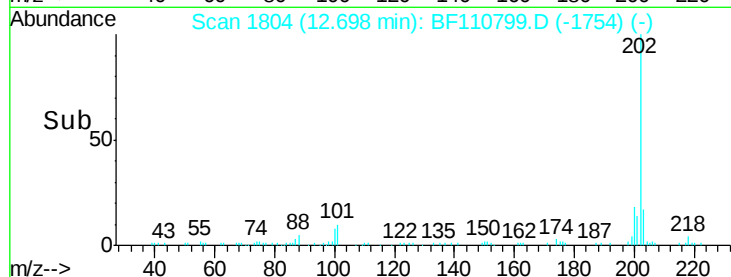
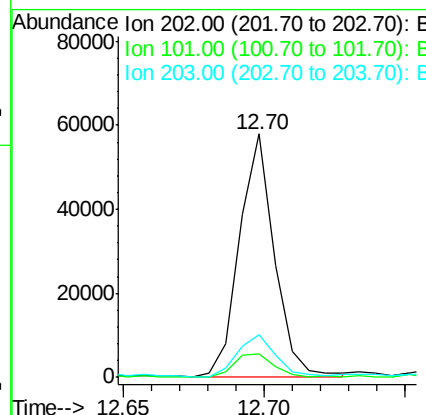
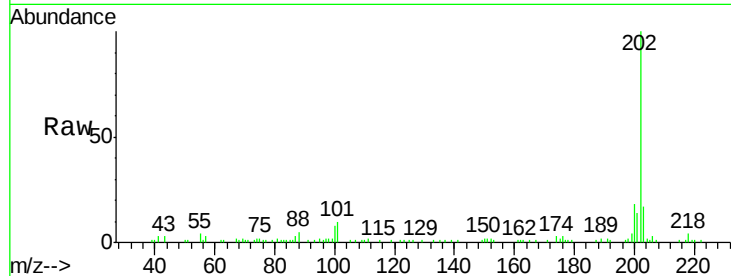
ClientSampleId :

CL-01-111418-D

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.7	0.0	31.4
203	17.4	0.0	37.7

Manual Integrations
APPROVED

Sohil
11/16/2018 10:07:27 AM



#76

Chrysene-d12

Concen: 20.000 ng

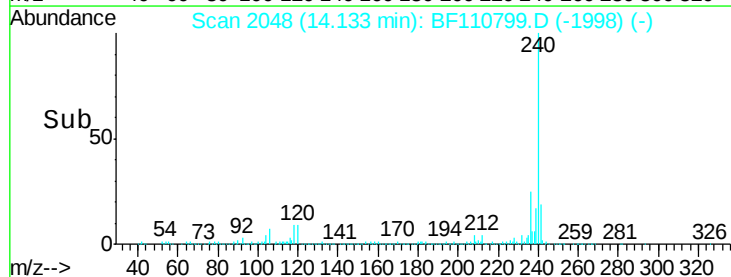
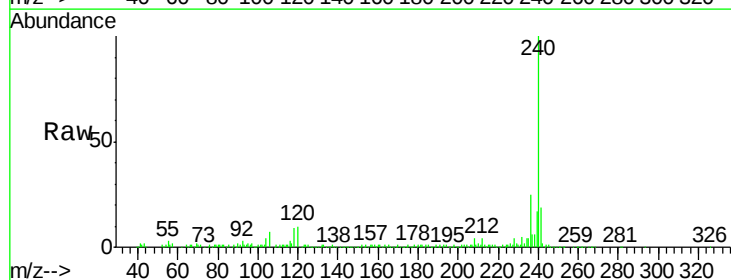
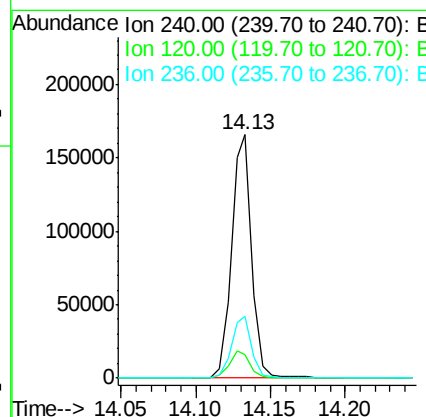
RT: 14.13 min Scan# 2048

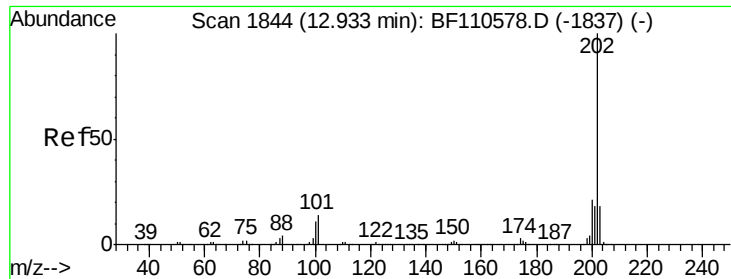
Delta R.T. -0.01 min

Lab File: BF110799.D

Acq: 15 Nov 2018 20:13

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.6	8.3	12.5
236	25.3	21.2	31.8





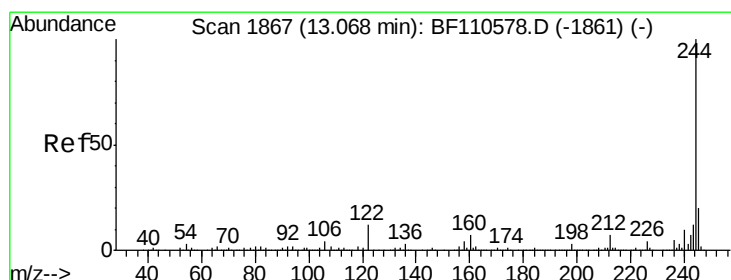
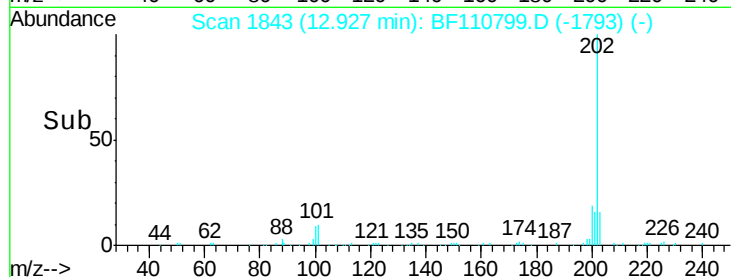
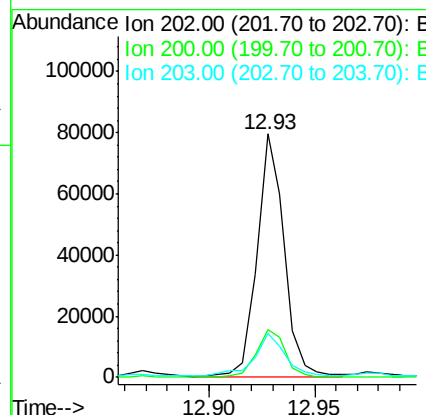
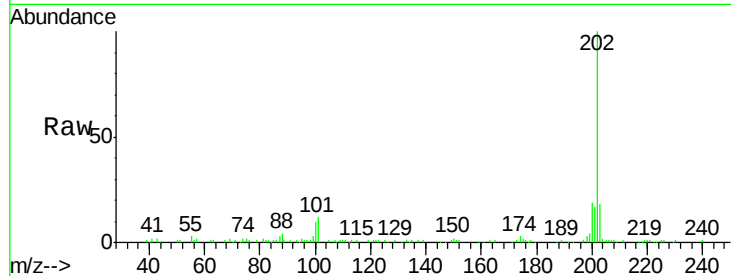
#78
 Pyrene
 Concen: 5.817 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF110799.D
 Acq: 15 Nov 2018 20:13

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-111418-D

Tgt Ion:	202	Resp:	70621
Ion Ratio	Lower	Upper	
202	100		
200	19.5	17.8	26.6
203	18.0	14.2	21.4

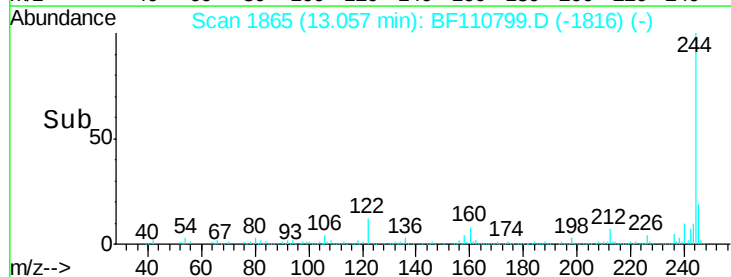
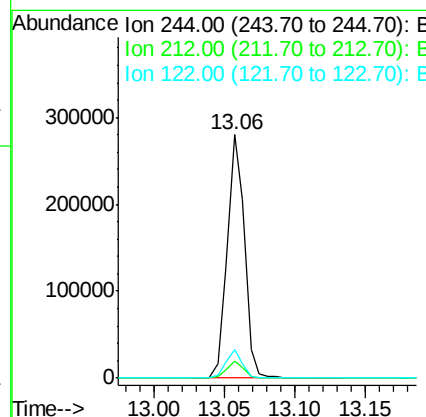
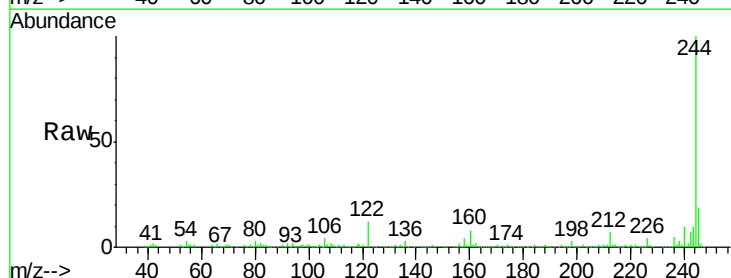
Manual Integrations
 APPROVED

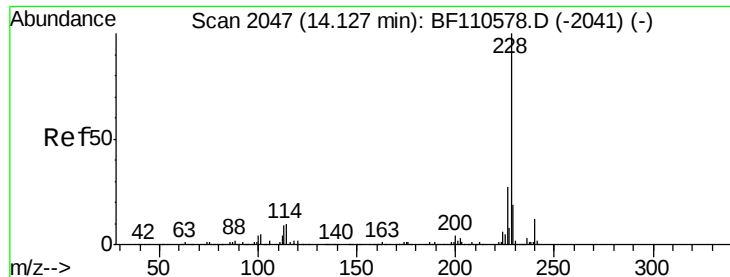
Sohil
 11/16/2018 10:07:27 AM



#79
 Terphenyl-d14
 Concen: 28.115 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. -0.01 min
 Lab File: BF110799.D
 Acq: 15 Nov 2018 20:13

Tgt Ion:	244	Resp:	236707
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.8	8.8
122	11.9	8.7	13.1





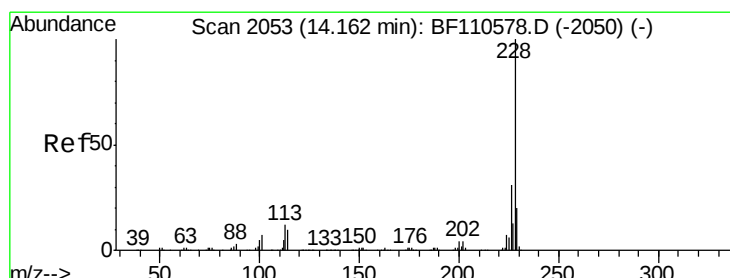
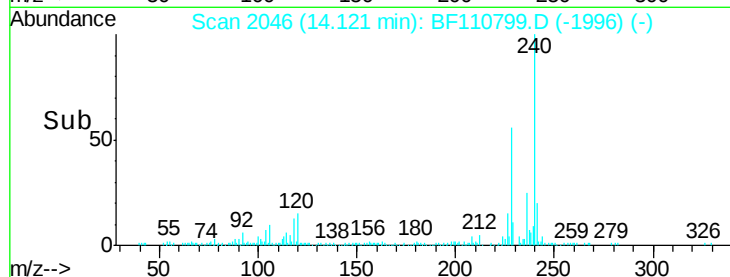
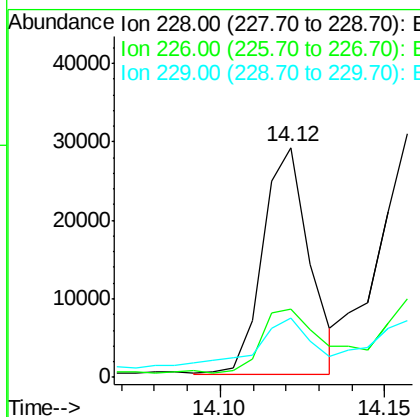
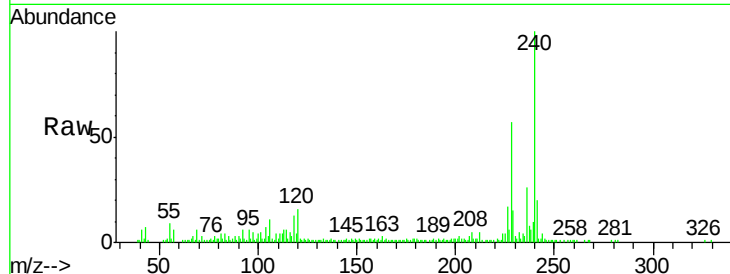
#81
Benzo(a)anthracene
Concen: 3.025 ng m
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110799.D
Acq: 15 Nov 2018 20:13

Instrument :
BNA_F
ClientSampleId :
CL-01-111418-D

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.1	33.1
229	25.8	15.6	23.4

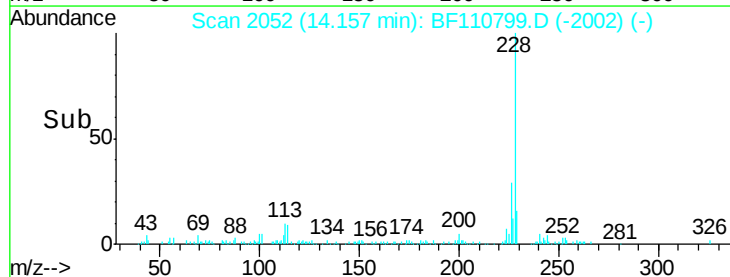
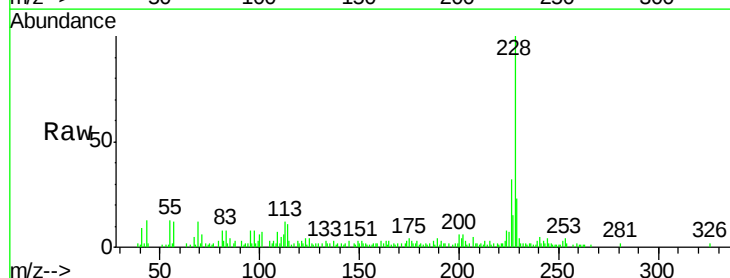
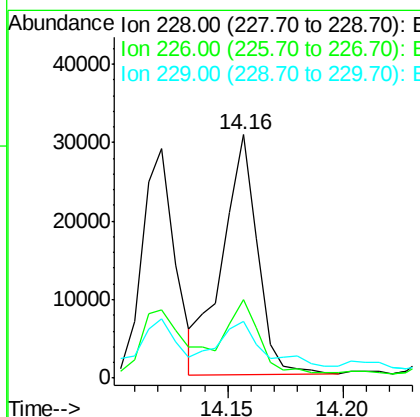
Manual Integrations
APPROVED

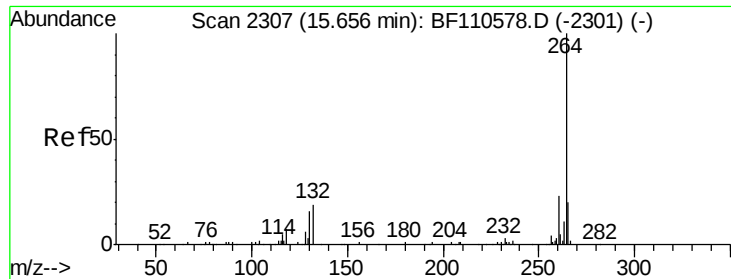
Sohil
11/16/2018 10:07:27 AM



#83
Chrysene
Concen: 3.594 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110799.D
Acq: 15 Nov 2018 20:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.7	37.1
229	23.2	15.9	23.9





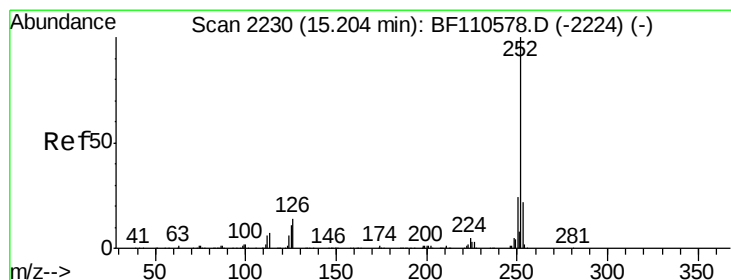
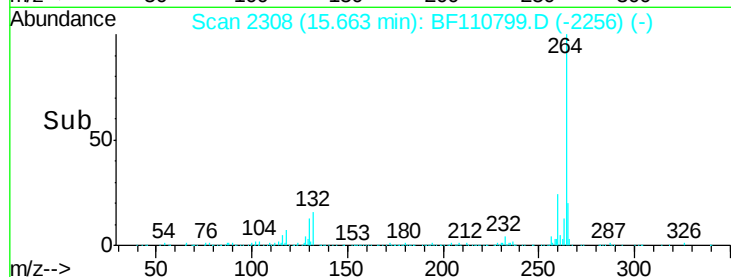
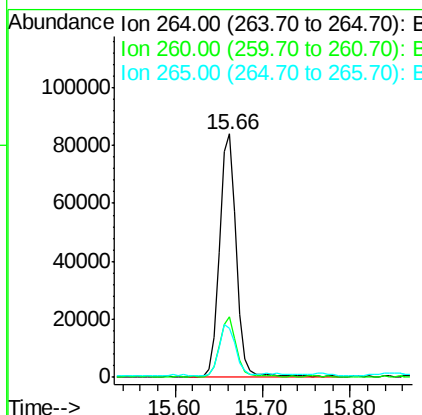
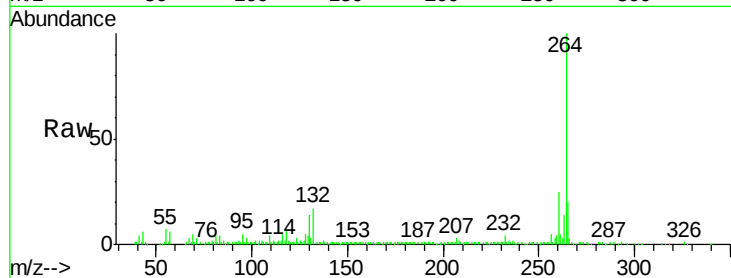
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110799.D
Acq: 15 Nov 2018 20:13

Instrument :
BNA_F
ClientSampleId :
CL-01-111418-D

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.7	28.1
265	20.4	16.7	25.1

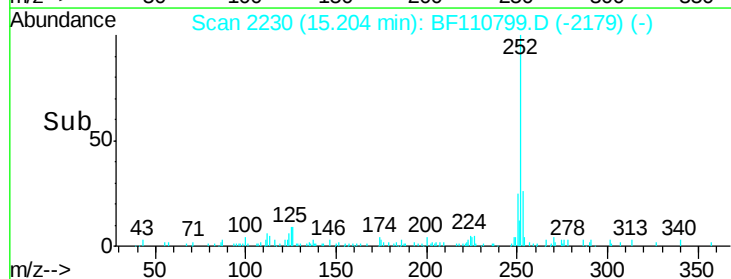
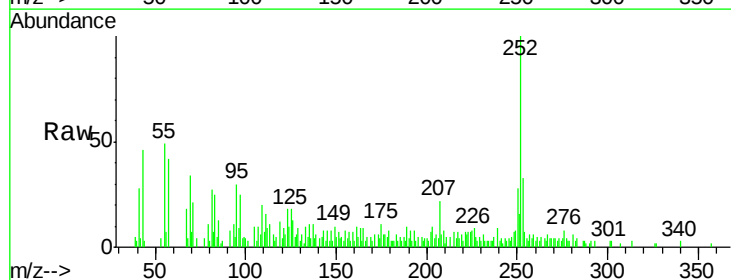
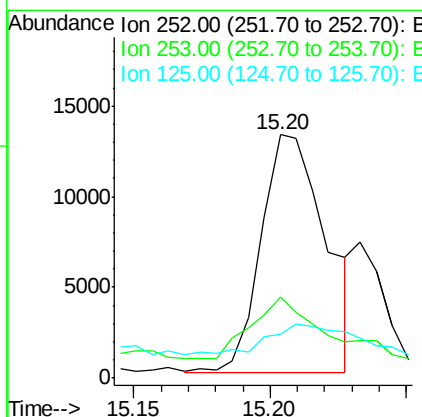
Manual Integrations
APPROVED

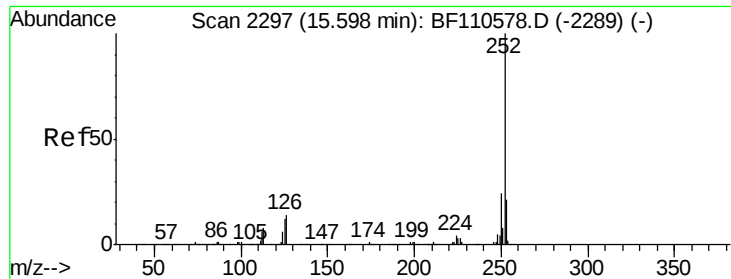
Sohil
11/16/2018 10:07:27 AM



#88
Benzo(b)fluoranthene
Concen: 3.230 ng m
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110799.D
Acq: 15 Nov 2018 20:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.1	17.2	25.8#
125	18.2	8.2	12.4#





#90
 Benzo(a)pyrene
 Concen: 2.538 ng
 RT: 15.60 min Scan# 2297
 Delta R.T. 0.00 min
 Lab File: BF110799.D
 Acq: 15 Nov 2018 20:13

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-111418-D

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.2	18.2	27.4#
125	22.1	9.0	13.6#

Manual Integrations
 APPROVED

Sohil
 11/16/2018 10:07:27 AM

