

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
 Data File : BF108649.D
 Acq On : 30 Aug 2018 19:23
 Operator : JU/SJ
 Sample : J4275-19 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-082918-A

Manual Integrations
 APPROVED

Sohil
 8/31/2018 12:18:17 PM

Quant Time: Aug 31 02:15:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	84300	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	388152	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	179883	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	305920	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	260908	20.00	ng	0.00
86) Perylene-d12	15.75	264	275659	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	16585	3.42	ng	0.07
7) Phenol-d6	6.67	99	128668	18.51	ng	0.02
23) Nitrobenzene-d5	7.58	82	91710	11.99	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	34427	14.50	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	194744	14.56	ng	0.00
78) Terphenyl-d14	13.12	244	148148	11.03	ng	-0.01
Target Compounds						
85) Indeno(1,2,3-cd)pyrene	17.37	276	27436	2.580	ng	Qvalue # 90
87) Benzo(b)fluoranthene	15.28	252	64575m	3.813	ng	
89) Benzo(a)pyrene	15.68	252	40433	2.642	ng	# 89

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

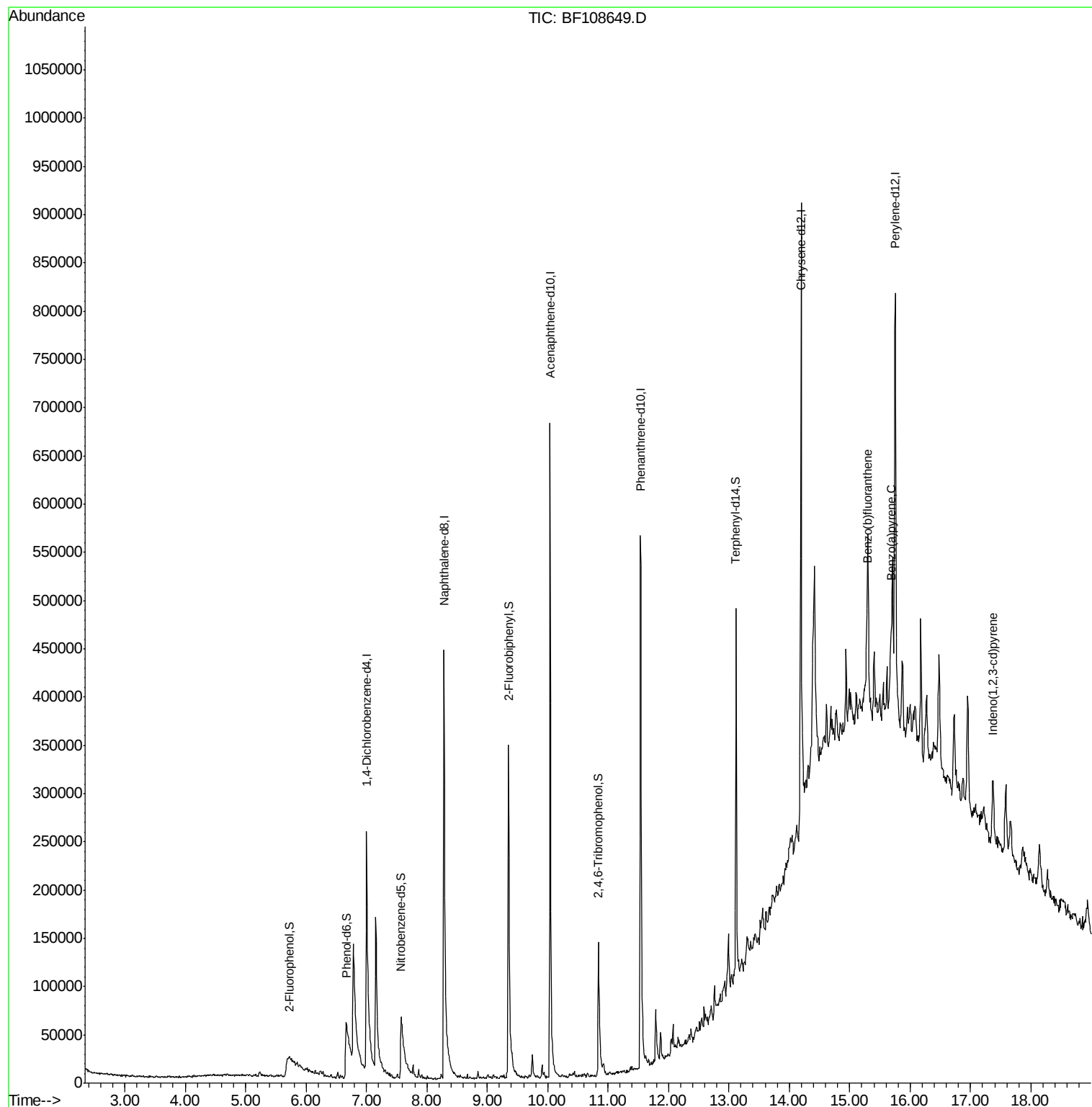
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
Data File : BF108649.D
Acq On : 30 Aug 2018 19:23
Operator : JU/SJ
Sample : J4275-19 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-082918-A

Manual Integrations
APPROVED

Sohil
8/31/2018 12:18:17 PM

Quant Time: Aug 31 02:15:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 15:06:55 2018
Response via : Initial Calibration





#1

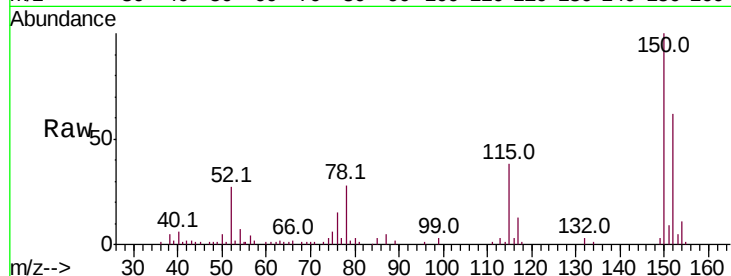
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108649.D
Acq: 30 Aug 2018 19:23

Instrument :
BNA_F
ClientSampleId :
CL-02-082918-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.6	186.8
115	60.8	50.1	75.1

Manual Integrations
APPROVED

Sohil
8/31/2018 12:18:17 PM

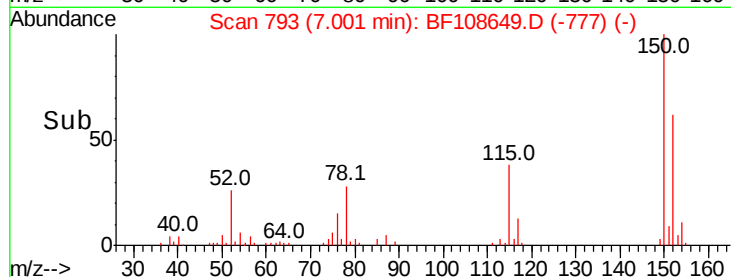
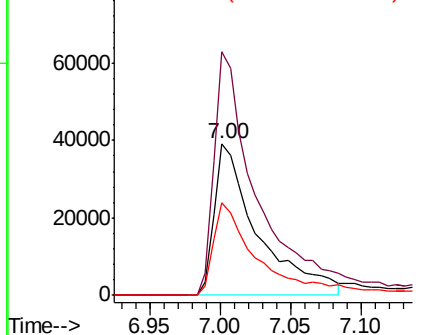


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

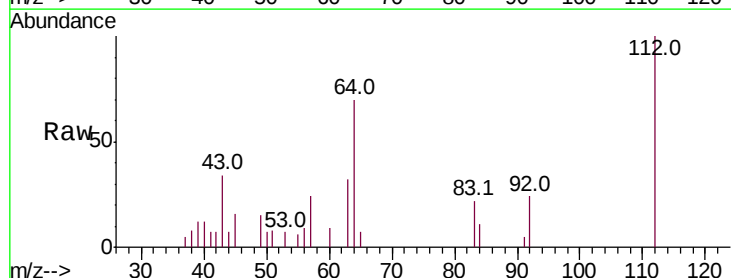
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 3.418 ng
RT: 5.71 min Scan# 574
Delta R.T. 0.07 min
Lab File: BF108649.D
Acq: 30 Aug 2018 19:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.9	47.9	71.9
63	32.5	23.7	35.5

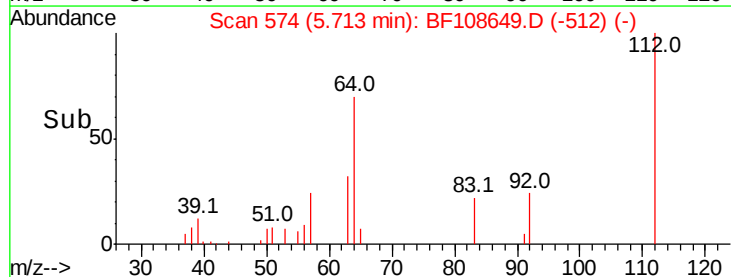
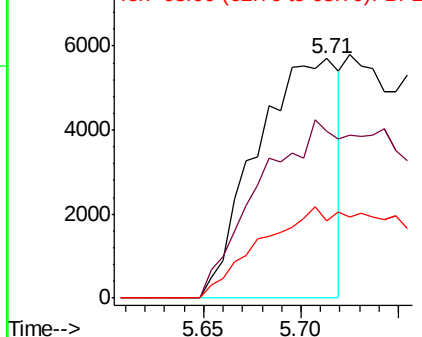


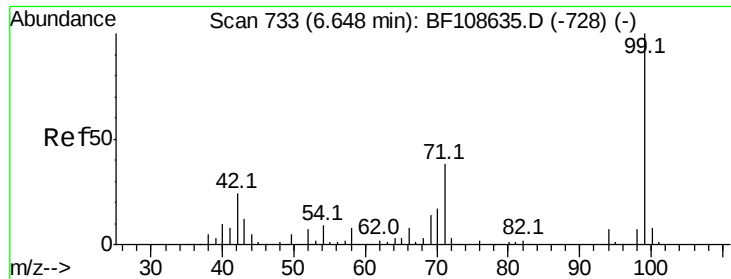
Abundance

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: 18.513 ng

RT: 6.67 min Scan# 736

Delta R.T. 0.02 min

Lab File: BF108649.D

Acq: 30 Aug 2018 19:23

Instrument :

BNA_F

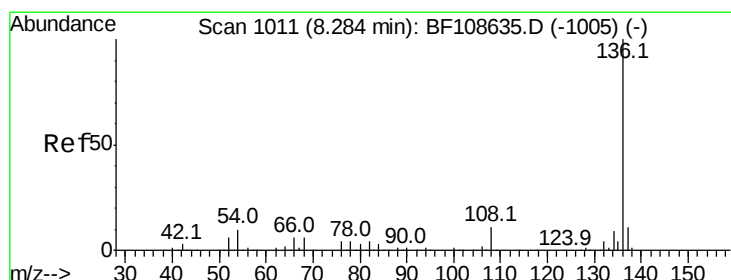
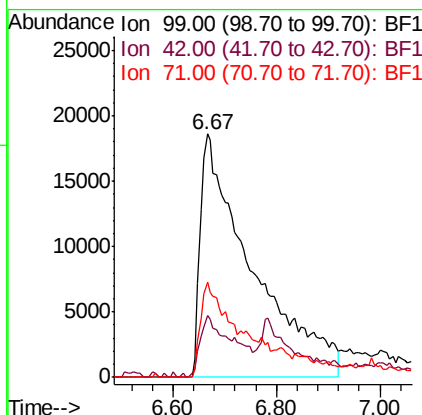
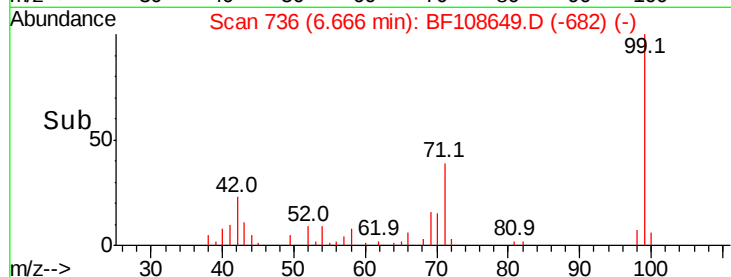
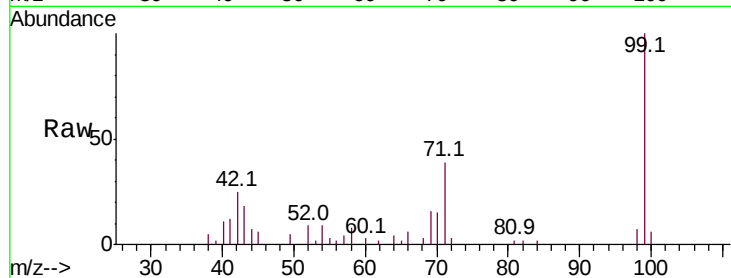
ClientSampleId :

CL-02-082918-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		128668		
42	25.2	14.5	21.7#		
71	39.3	25.4	38.0#		

Manual Integrations
APPROVED

Sohil
8/31/2018 12:18:17 PM



#21

Naphthalene-d8

Concen: 20.000 ng

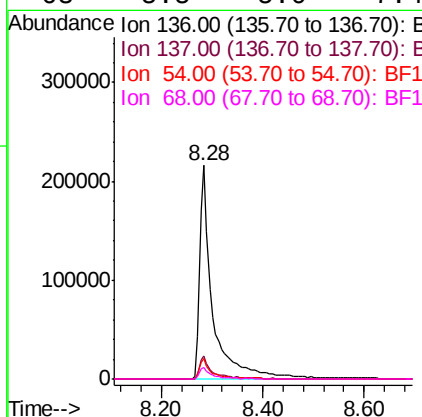
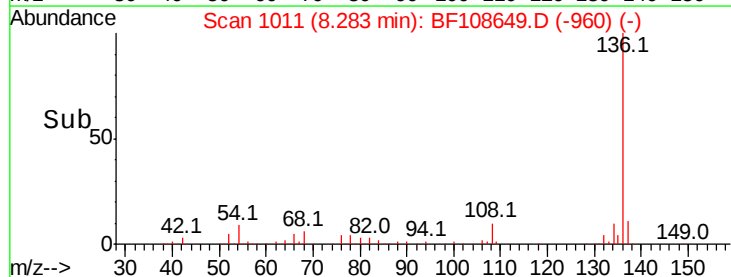
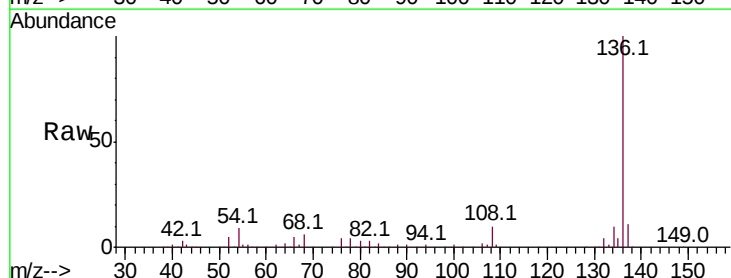
RT: 8.28 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF108649.D

Acq: 30 Aug 2018 19:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		388152		
137	10.6	8.9	13.3		
54	9.3	6.6	9.8		
68	5.5	5.0	7.4		





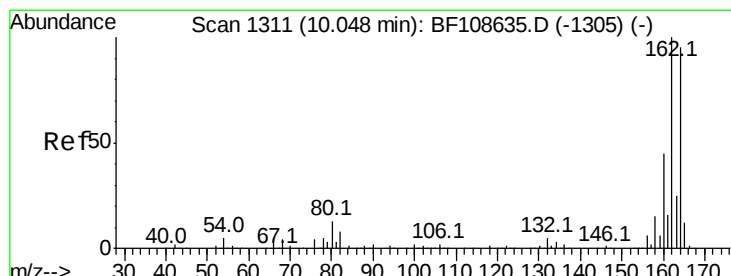
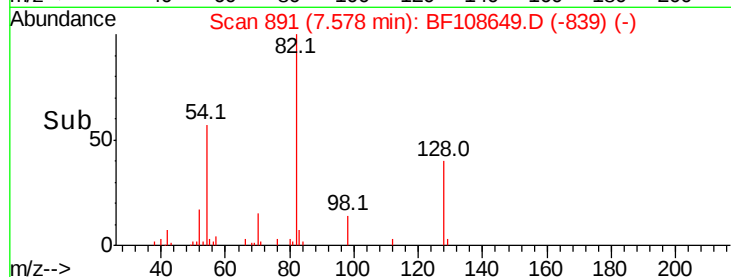
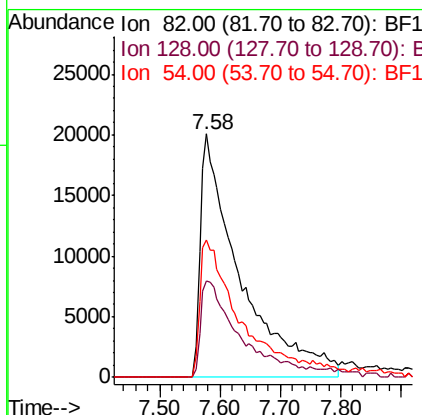
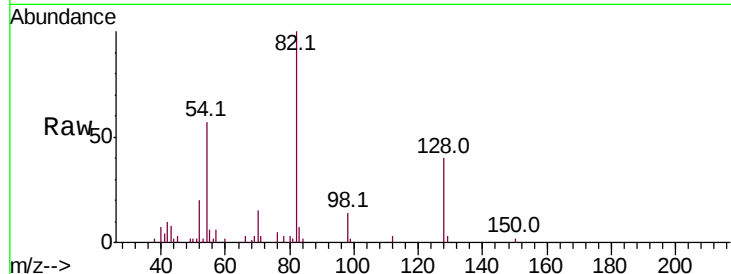
#23
Nitrobenzene-d5
Concen: 11.993 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.01 min
Lab File: BF108649.D
Acq: 30 Aug 2018 19:23

Instrument :
BNA_F
ClientSampleId :
CL-02-082918-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.8	36.1	54.1
54	56.6	41.4	62.2

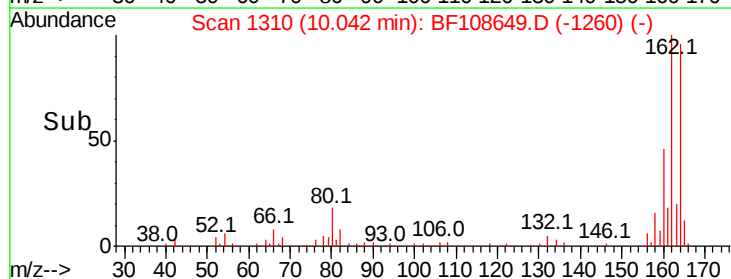
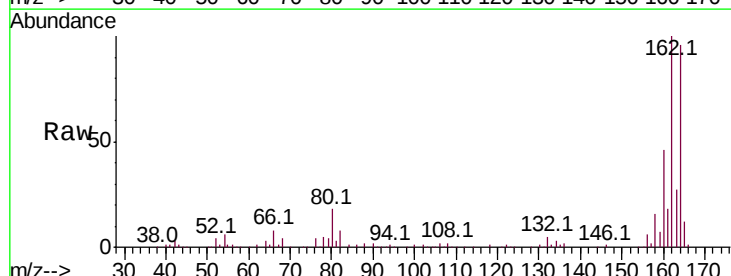
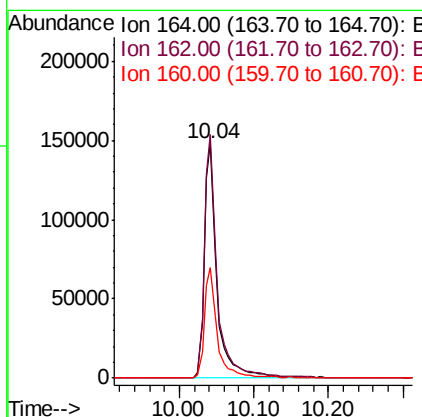
Manual Integrations
APPROVED

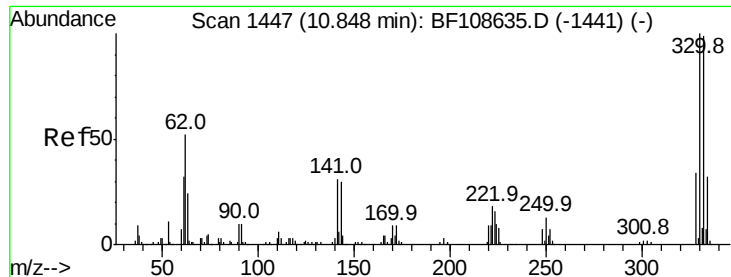
Sohil
8/31/2018 12:18:17 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108649.D
Acq: 30 Aug 2018 19:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	47.3	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 14.498 ng

RT: 10.84 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF108649.D

Acq: 30 Aug 2018 19:23

Instrument :

BNA_F

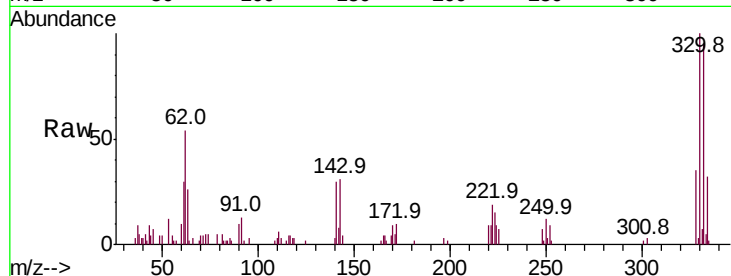
ClientSampleId :

CL-02-082918-A

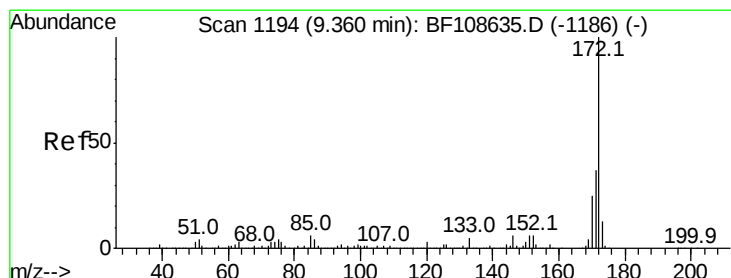
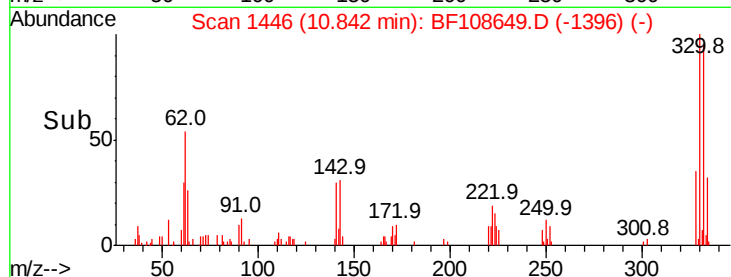
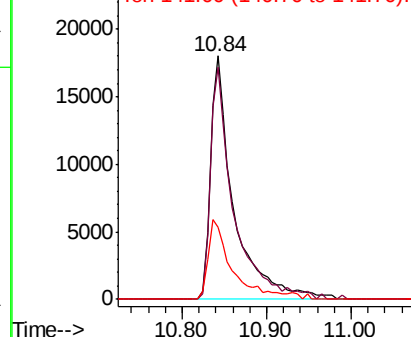
Tot Ion:	330	Resp:	34427
Ion Ratio	Lower	Upper	
330	100		
332	95.3	77.0	115.6
141	34.7	29.9	44.9

Manual Integrations
APPROVED

Sohil
8/31/2018 12:18:17 PM



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 14.557 ng

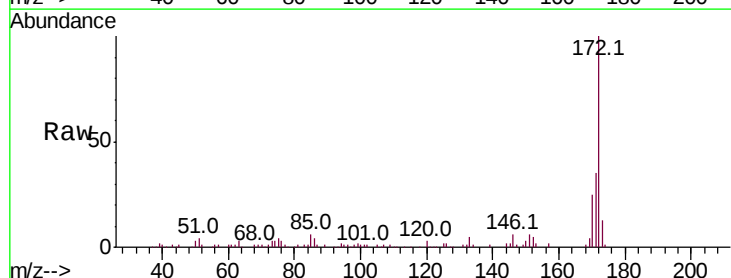
RT: 9.35 min Scan# 1193

Delta R.T. -0.01 min

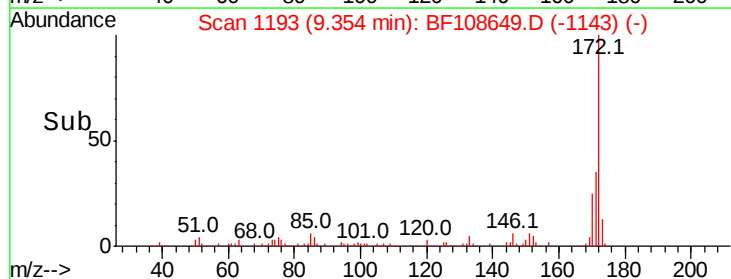
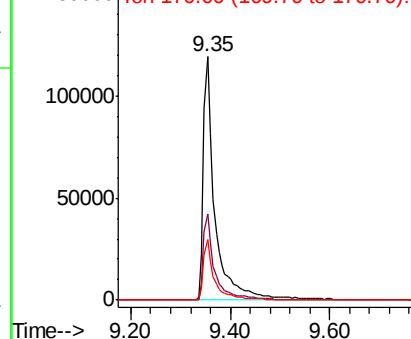
Lab File: BF108649.D

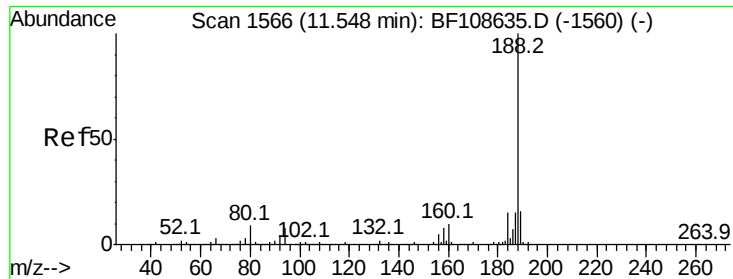
Acq: 30 Aug 2018 19:23

Tgt Ion:	172	Resp:	194744
Ion Ratio	Lower	Upper	
172	100		
171	35.4	29.7	44.5
170	24.8	19.6	29.4



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





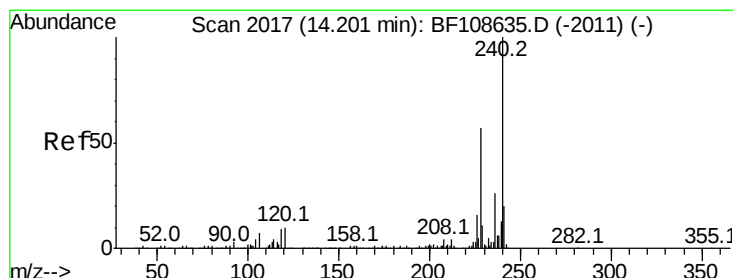
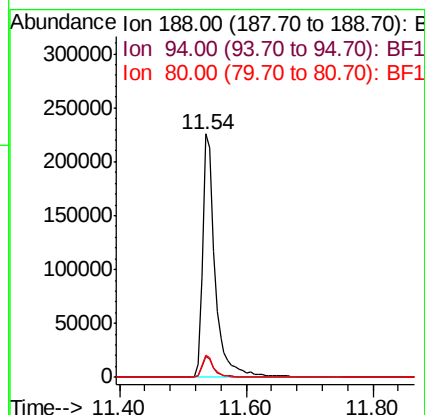
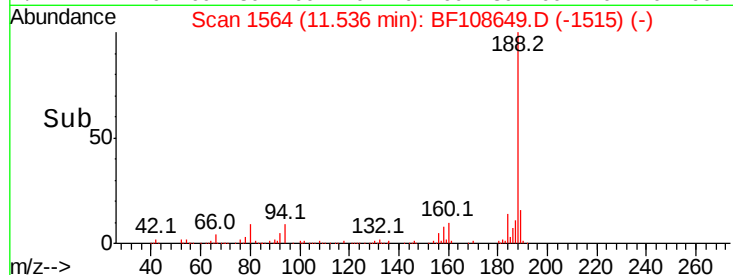
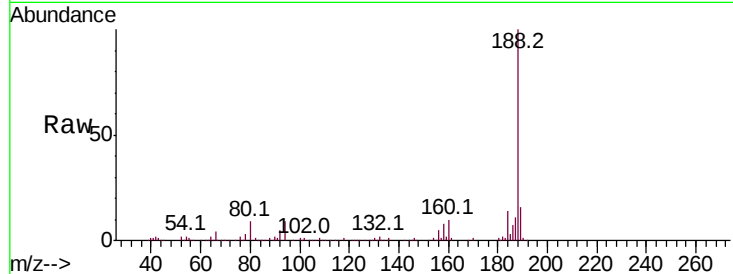
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108649.D
Acq: 30 Aug 2018 19:23

Instrument :
BNA_F
ClientSampleId :
CL-02-082918-A

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.7	8.5	12.7
80	9.1	9.2	13.8#

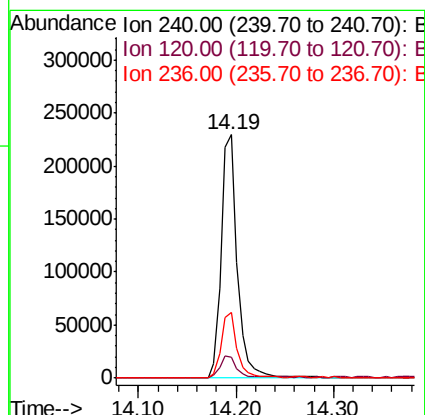
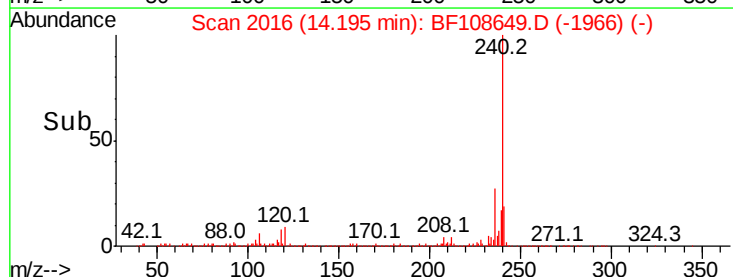
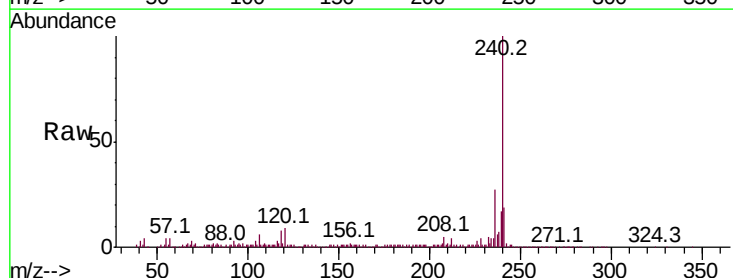
Manual Integrations
APPROVED

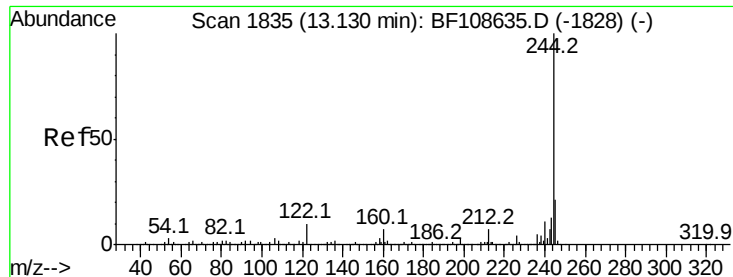
Sohil
8/31/2018 12:18:17 PM



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108649.D
Acq: 30 Aug 2018 19:23

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.8	9.5	14.3#
236	26.9	20.7	31.1





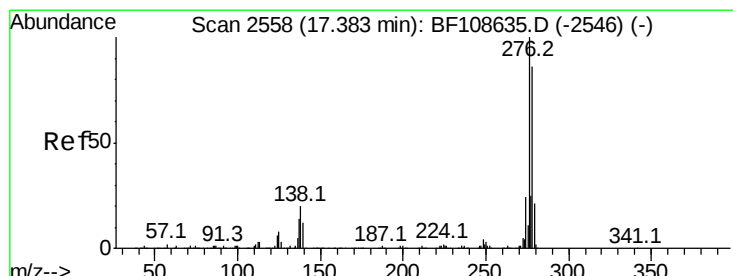
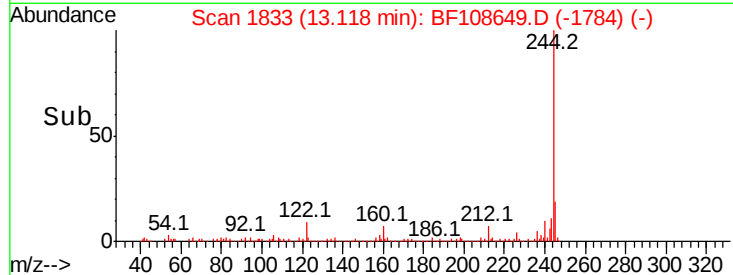
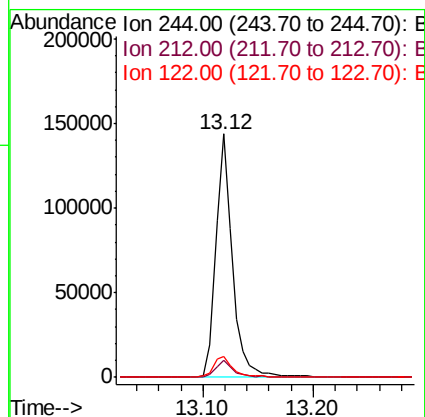
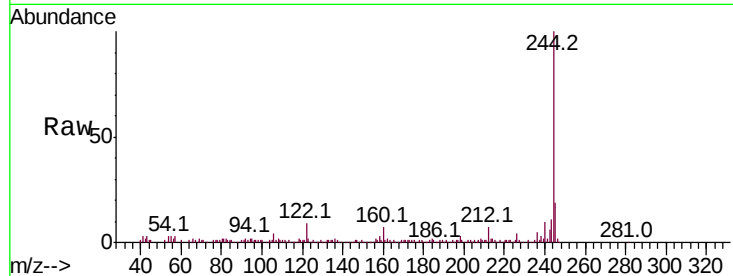
#78
 Terphenyl-d14
 Concen: 11.032 ng
 RT: 13.12 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BF108649.D
 Acq: 30 Aug 2018 19:23

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-082918-A

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.8	5.4	8.0	
122	8.7	11.0	16.4	

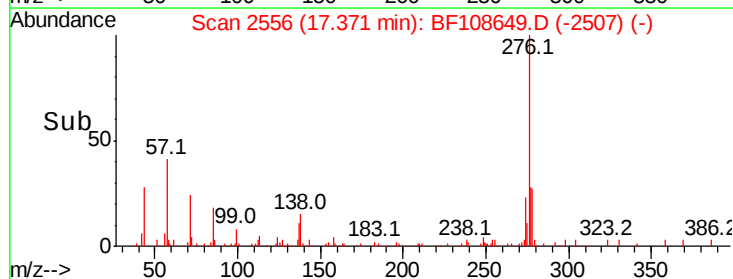
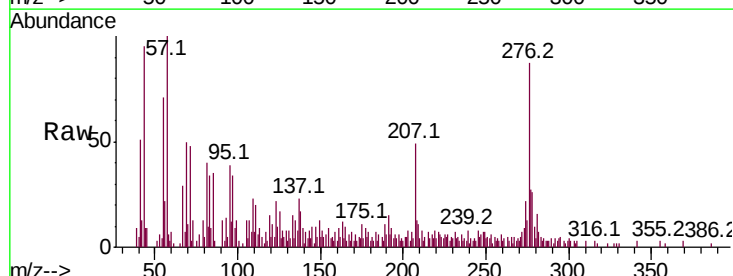
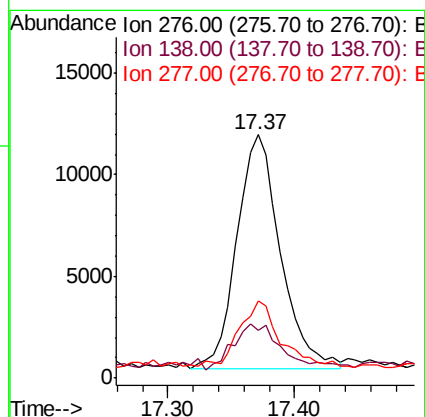
Manual Integrations
 APPROVED

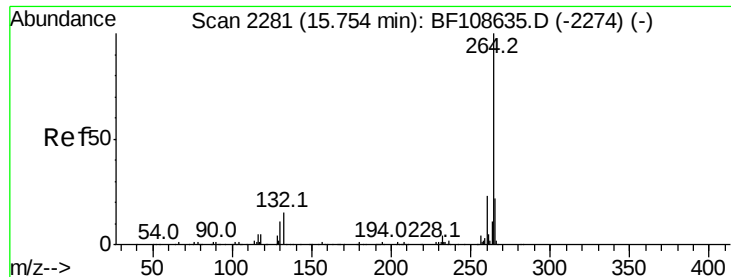
Sohil
 8/31/2018 12:18:17 PM



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.580 ng
 RT: 17.37 min Scan# 2556
 Delta R.T. -0.01 min
 Lab File: BF108649.D
 Acq: 30 Aug 2018 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	23.3	25.0	37.6	
277	27.6	20.1	30.1	





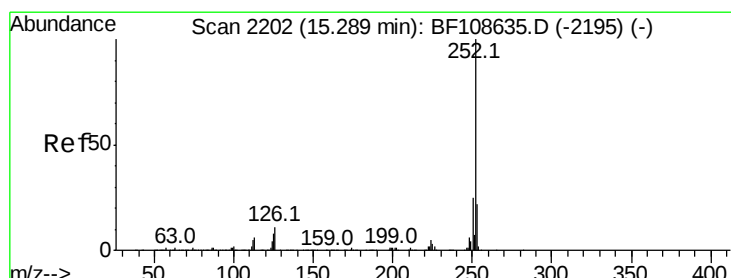
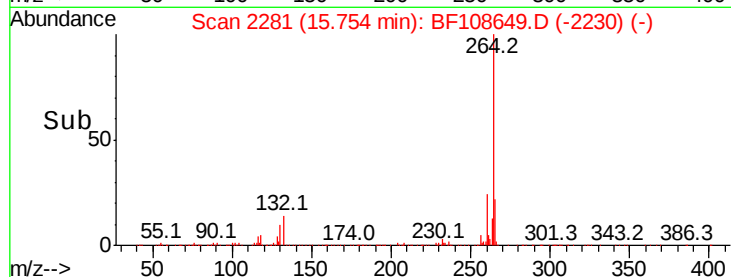
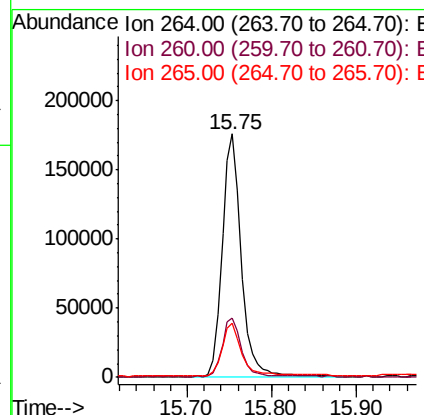
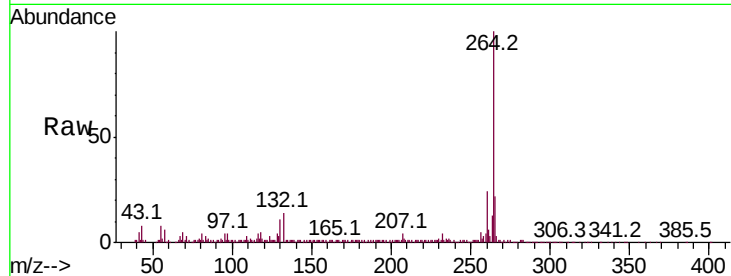
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF108649.D
Acq: 30 Aug 2018 19:23

Instrument :
BNA_F
ClientSampleId :
CL-02-082918-A

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.3	19.2	28.8	
265	22.1	17.5	26.3	

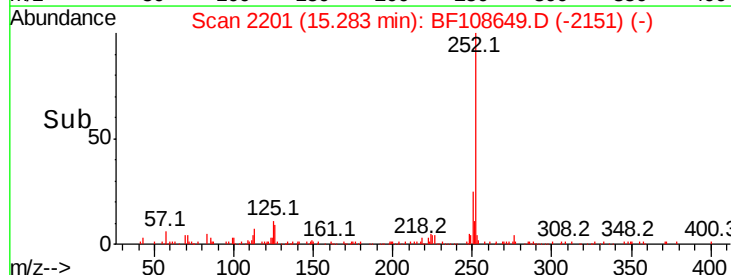
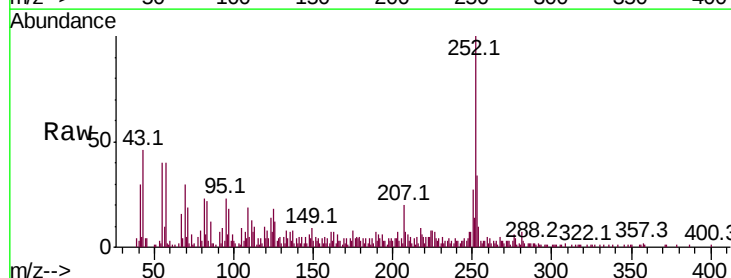
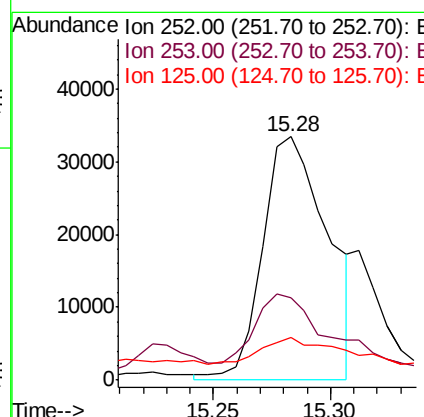
Manual Integrations
APPROVED

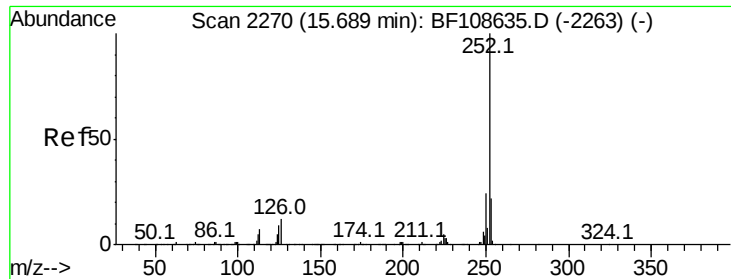
Sohil
8/31/2018 12:18:17 PM



#87
Benzo(b)fluoranthene
Concen: 3.813 ng m
RT: 15.28 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF108649.D
Acq: 30 Aug 2018 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	33.7	17.0	25.6#	
125	17.8	9.0	13.6#	





#89
 Benzo(a)pyrene
 Concen: 2.642 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF108649.D
 Acq: 30 Aug 2018 19:23

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-082918-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.1	25.7#
125	16.5	9.8	14.6#

Manual Integrations
 APPROVED

Sohil
 8/31/2018 12:18:17 PM

