

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF012318\
 Data File : BF102352.D
 Acq On : 23 Jan 2018 19:57
 Operator : SJ/JU
 Sample : J1015-14
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-012218-B

Manual Integrations
 APPROVED

Sohil
 1/24/2018 2:46:58 PM

Quant Time: Jan 24 02:26:49 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	151440	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	642320	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	287995	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	499742	20.00	ng	0.00
75) Chrysene-d12	13.87	240	331041	20.00	ng	0.00
86) Perylene-d12	15.30	264	299455	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	958780	96.00	ng	0.00
7) Phenol-d6	6.36	99	1165189	96.77	ng	0.00
23) Nitrobenzene-d5	7.28	82	716969	64.15	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	242225	84.88	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1175495	60.01	ng	0.00
78) Terphenyl-d14	12.82	244	1018209	69.34	ng	0.00
Target Compounds						
10) Phenol	6.37	94	52209	3.972	ng	97
49) Dimethylphthalate	9.47	163	120640	5.068	ng	99
70) Phenanthrene	11.26	178	216217	7.425	ng	97
74) Fluoranthene	12.44	202	228144	7.683	ng	98
77) Pyrene	12.67	202	311815	12.183	ng	99
80) Benzo(a)anthracene	13.86	228	90680	4.449	ng	93
82) Chrysene	13.90	228	112892	5.455	ng	96
85) Indeno(1,2,3-cd)pyrene	16.67	276	41691	2.439	ng	98
87) Benzo(b)fluoranthene	14.89	252	83885m	4.322	ng	
89) Benzo(a)pyrene	15.23	252	67886	3.878	ng	# 92
91) Benzo(g,h,i)perylene	17.09	276	49200	3.514	ng	# 90

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

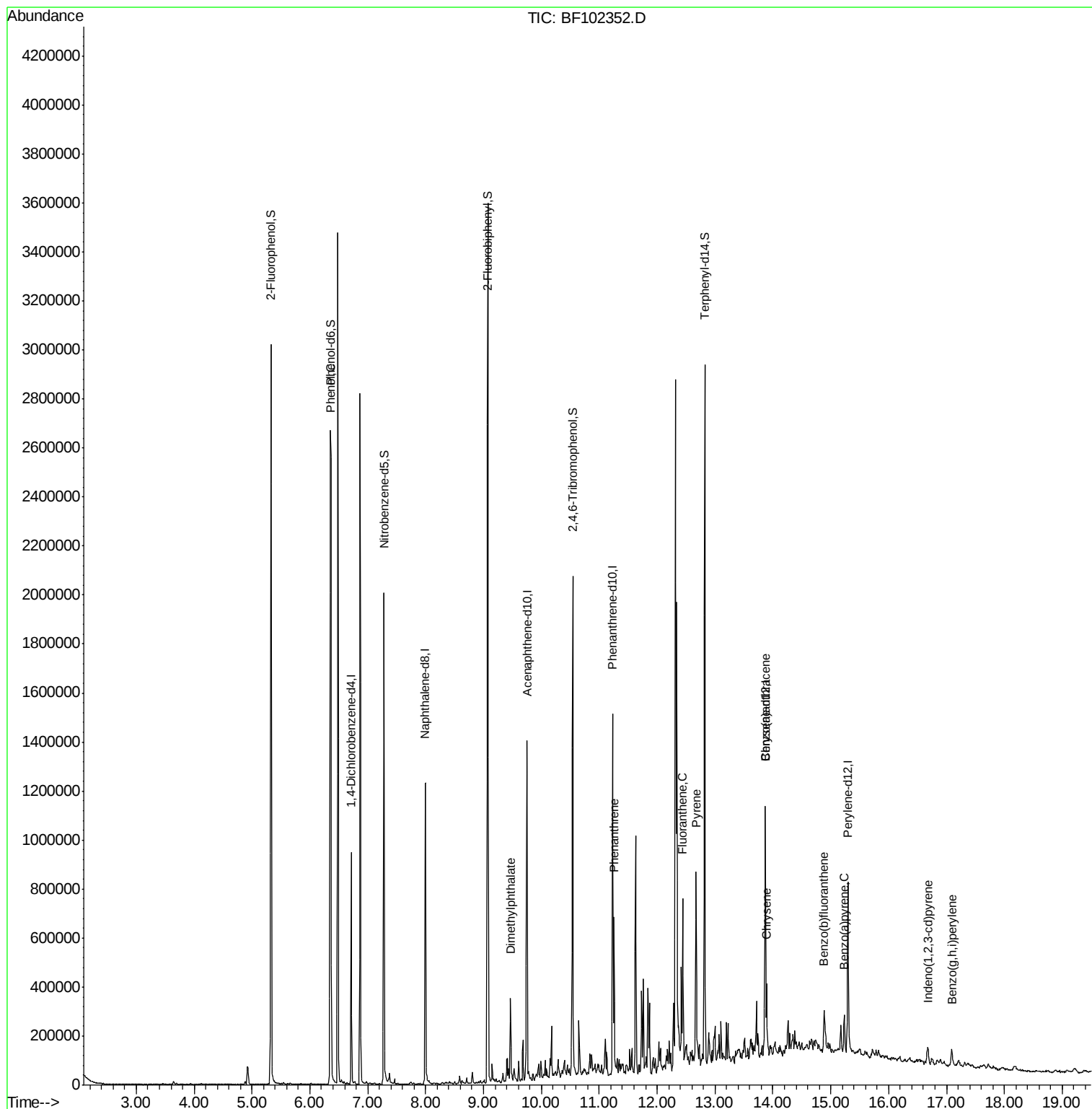
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102352.D
Acq On : 23 Jan 2018 19:57
Operator : SJ/JU
Sample : J1015-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

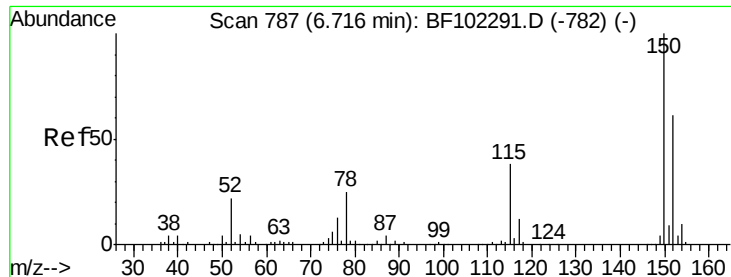
Instrument :
BNA_F
ClientSampleId :
CL-01-012218-B

Manual Integrations
APPROVED

Sohil
1/24/2018 2:46:58 PM

Quant Time: Jan 24 02:26:49 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 23 00:43:41 2018
Response via : Initial Calibration





#1

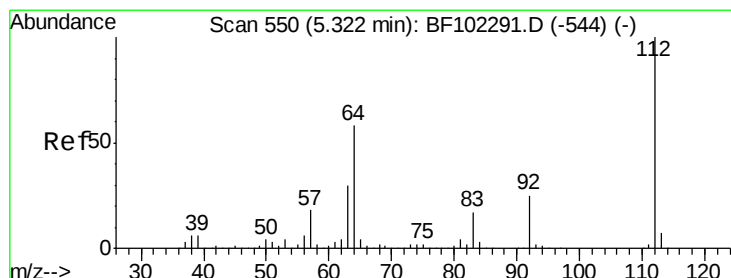
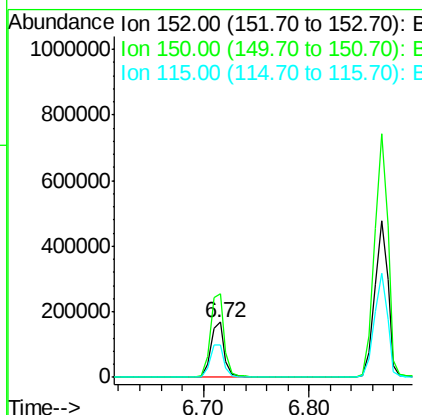
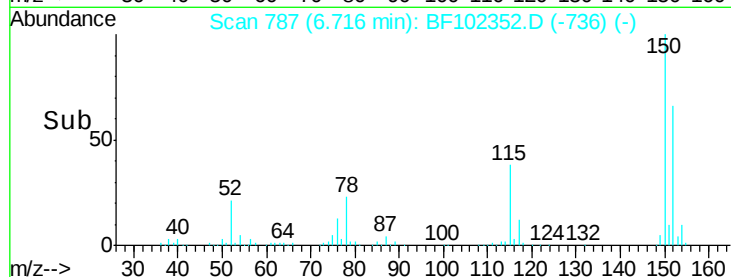
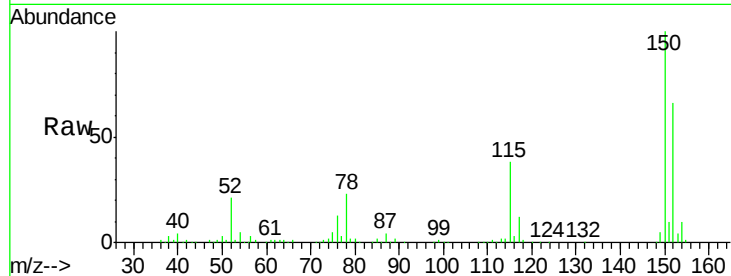
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102352.D
Acq: 23 Jan 2018 19:57

Instrument :
BNA_F
ClientSampleId :
CL-01-012218-B

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.5	124.6	186.8
115	58.4	50.1	75.1

Manual Integrations
APPROVED

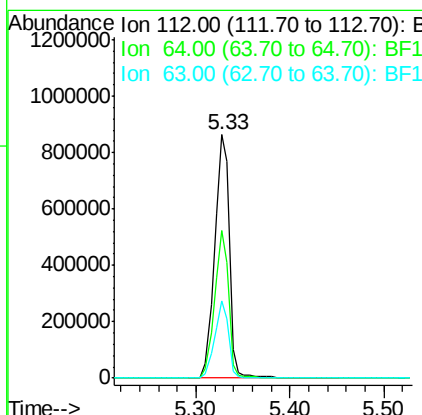
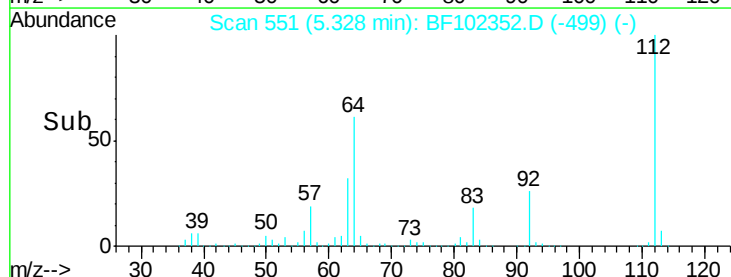
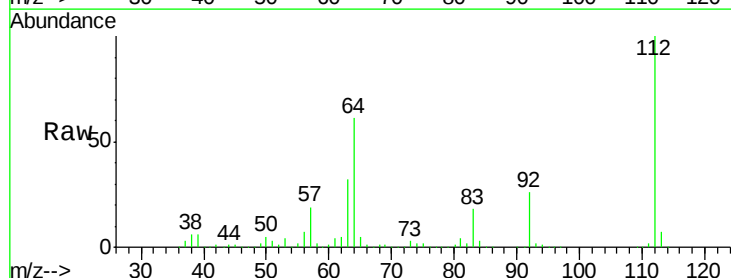
Sohil
1/24/2018 2:46:58 PM

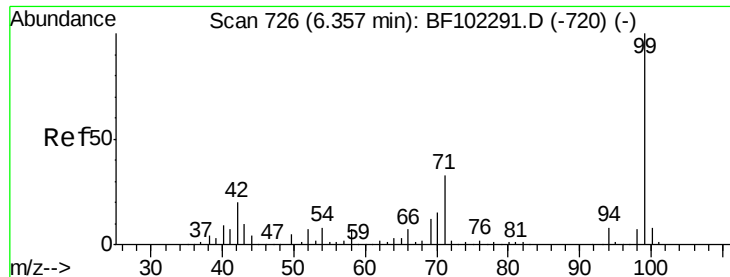


#5

2-Fluorophenol
Concen: 95.996 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102352.D
Acq: 23 Jan 2018 19:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	47.9	71.9
63	31.6	23.7	35.5





#7

Phenol-d6

Concen: 96.768 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF102352.D

Acq: 23 Jan 2018 19:57

Instrument :

BNA_F

ClientSampleId :

CL-01-012218-B

Tgt Ion: 99 Resp: 1165189

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

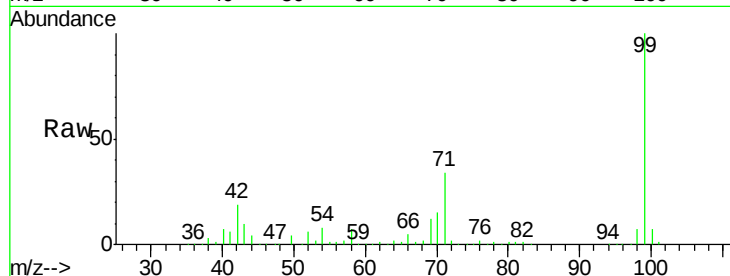
71 34.2 25.4 38.0

Manual Integrations

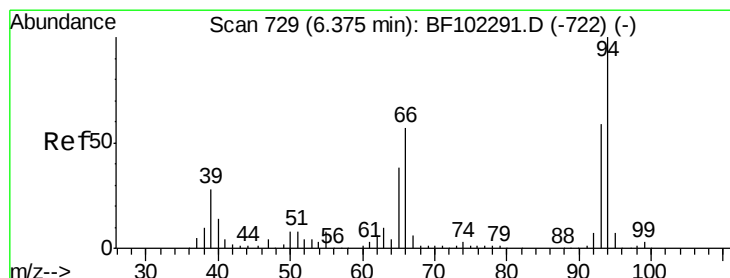
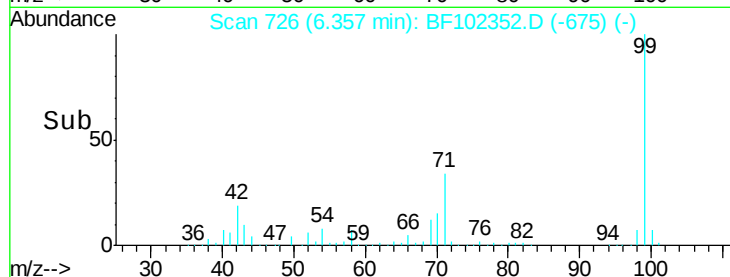
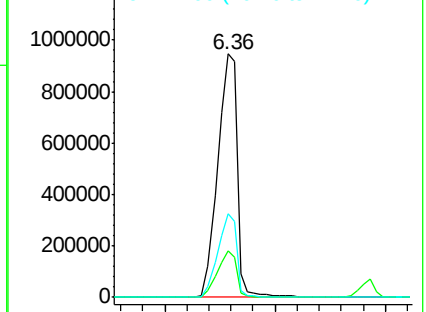
APPROVED

Sohil

1/24/2018 2:46:58 PM



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.972 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102352.D

Acq: 23 Jan 2018 19:57

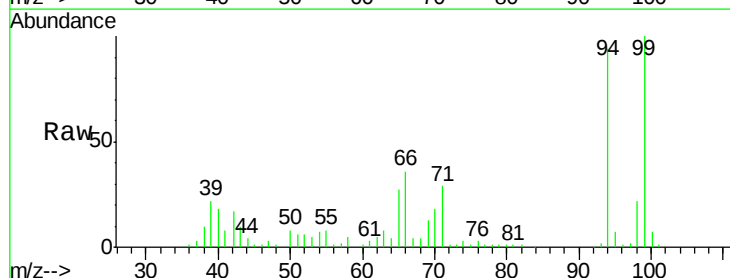
Tgt Ion: 94 Resp: 52209

Ion Ratio Lower Upper

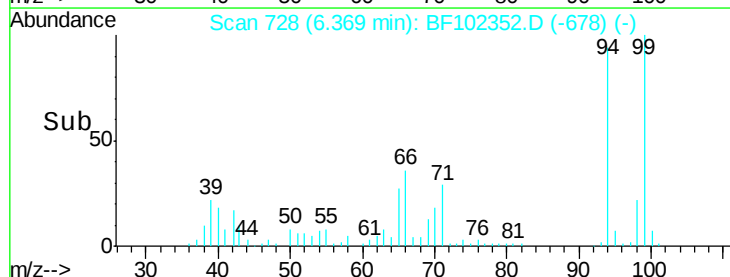
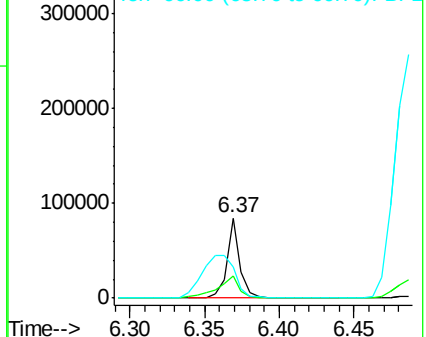
94 100

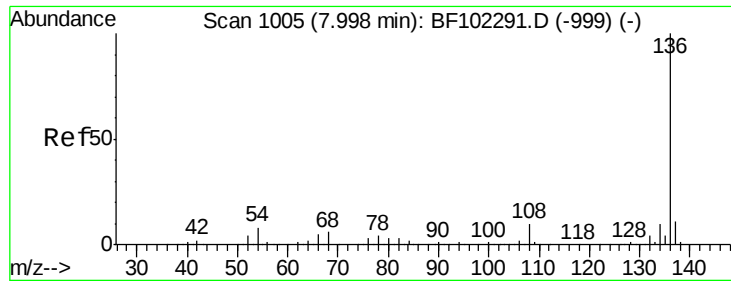
65 28.5 7.9 47.9

66 38.3 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





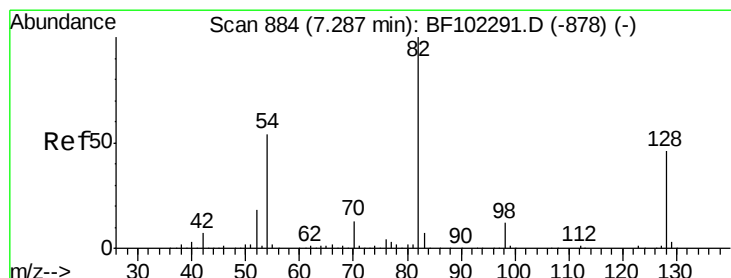
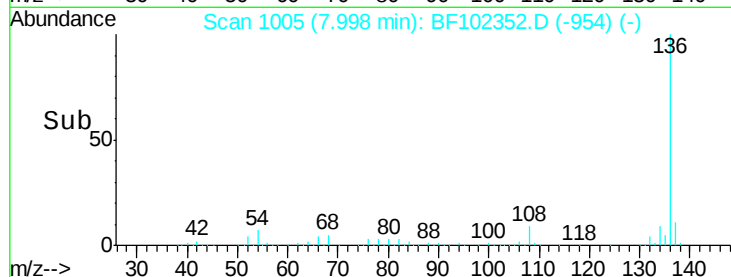
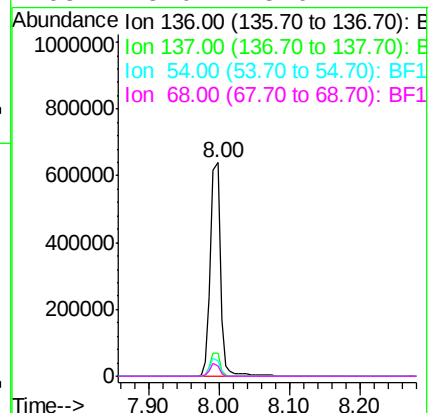
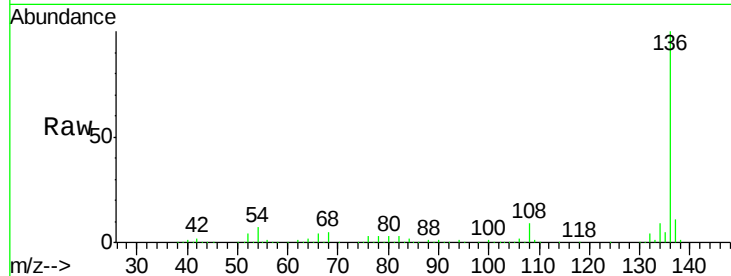
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102352.D
Acq: 23 Jan 2018 19:57

Instrument :
BNA_F
ClientSampleId :
CL-01-012218-B

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	642320		
137	10.9	8.9	13.3	
54	7.1	6.6	9.8	
68	5.0	5.0	7.4	

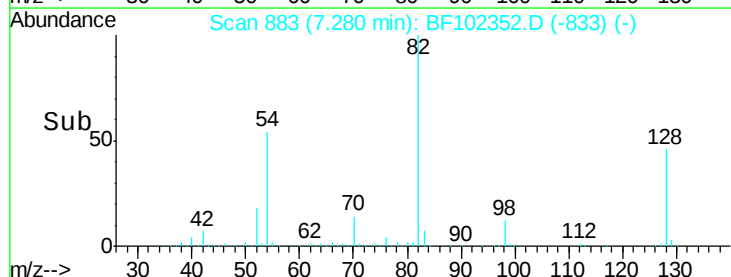
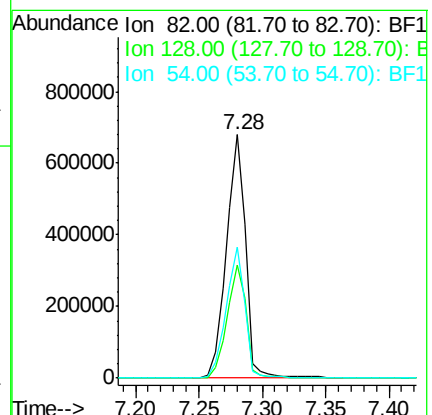
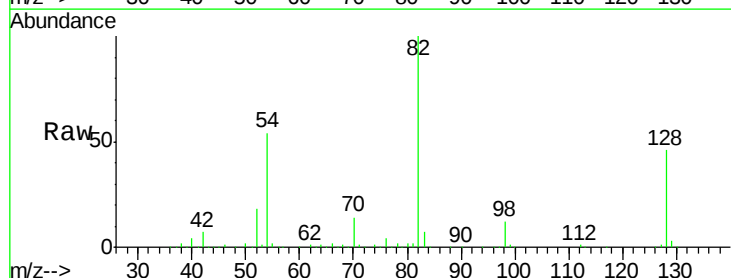
Manual Integrations
APPROVED

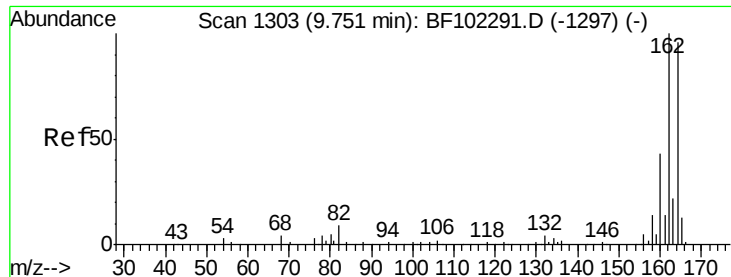
Sohil
1/24/2018 2:46:58 PM



#23
Nitrobenzene-d5
Concen: 64.146 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102352.D
Acq: 23 Jan 2018 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	716969		
128	46.4	36.1	54.1	
54	53.6	41.4	62.2	





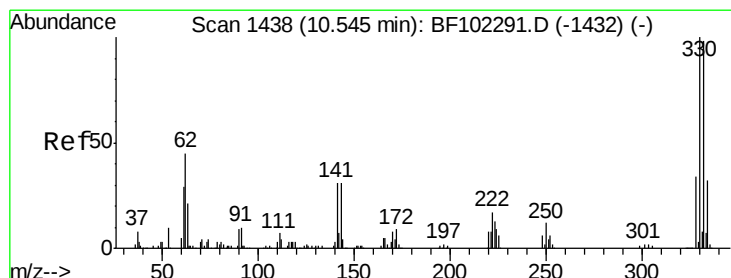
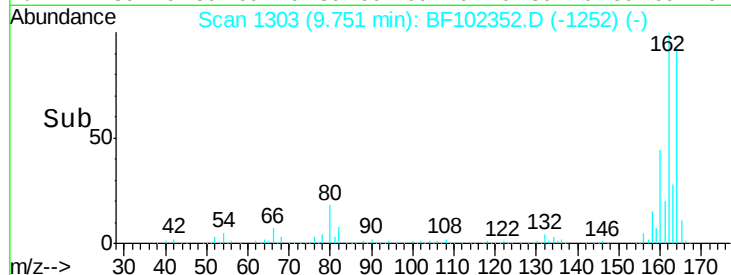
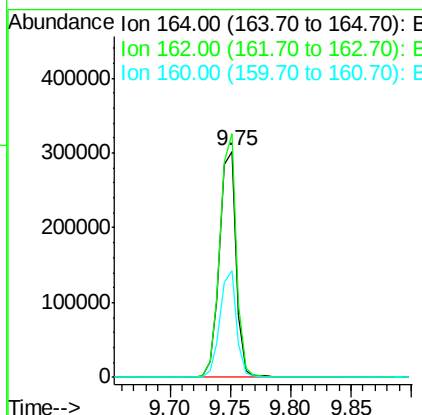
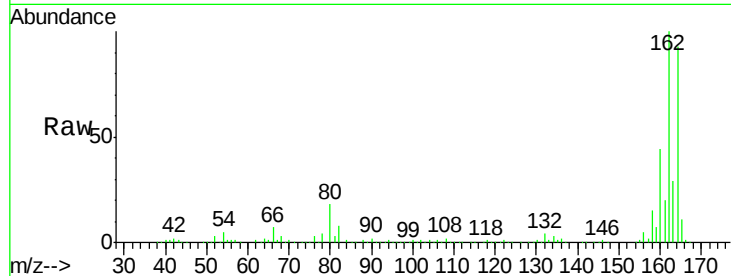
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF102352.D
 Acq: 23 Jan 2018 19:57

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-012218-B

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	287995		
162	107.6	86.1	129.1	
160	46.9	38.3	57.5	

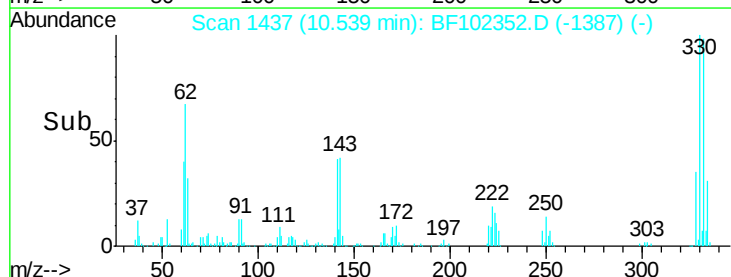
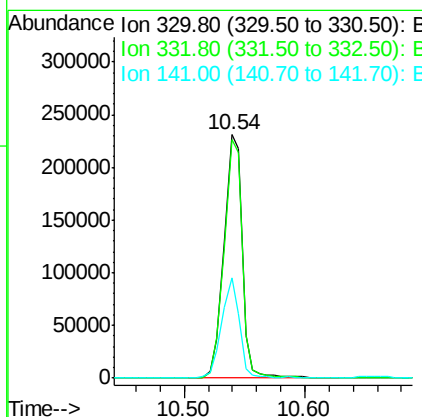
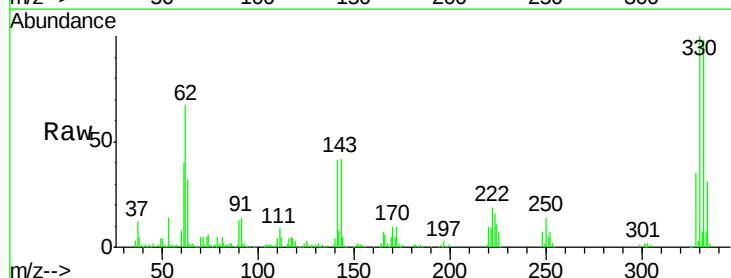
Manual Integrations
 APPROVED

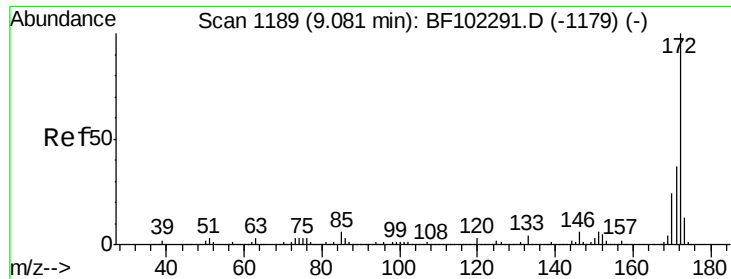
Sohil
 1/24/2018 2:46:58 PM



#41
 2,4,6-Tribromophenol
 Concen: 84.884 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102352.D
 Acq: 23 Jan 2018 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	242225		
332	98.2	77.0	115.6	
141	39.5	29.9	44.9	





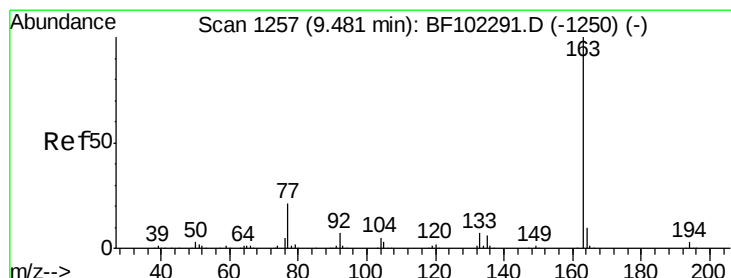
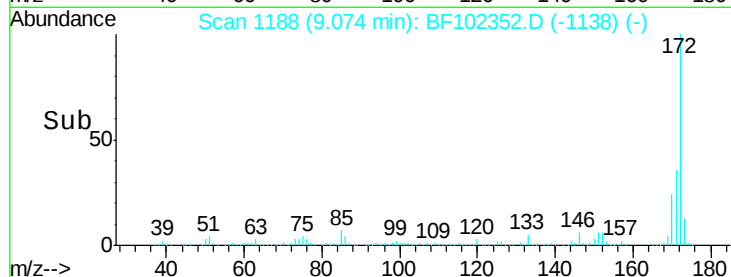
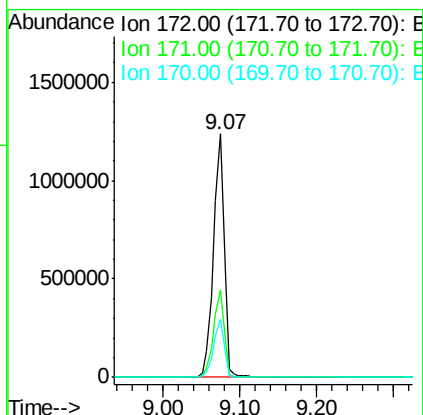
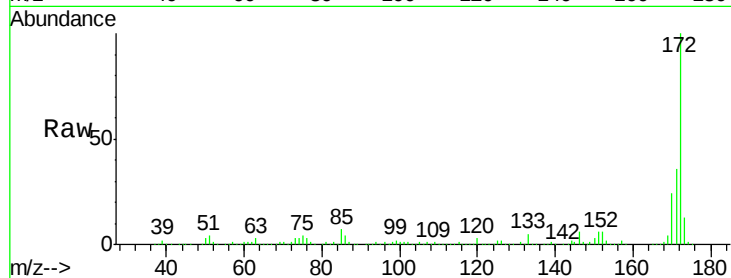
#44
2-Fluorobiphenyl
Concen: 60.015 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102352.D
Acq: 23 Jan 2018 19:57

Instrument :
BNA_F
ClientSampleId :
CL-01-012218-B

Tgt Ion:172 Resp: 1175495
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 24.0 19.6 29.4

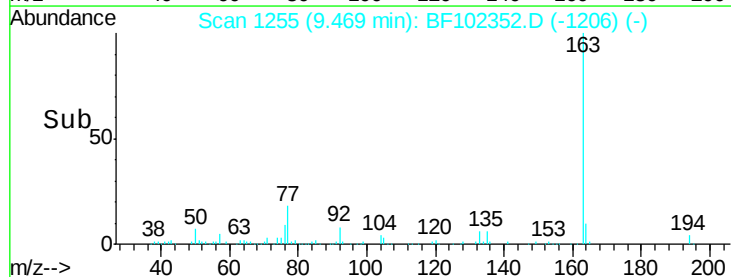
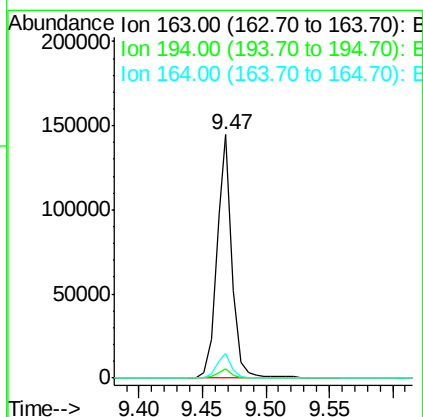
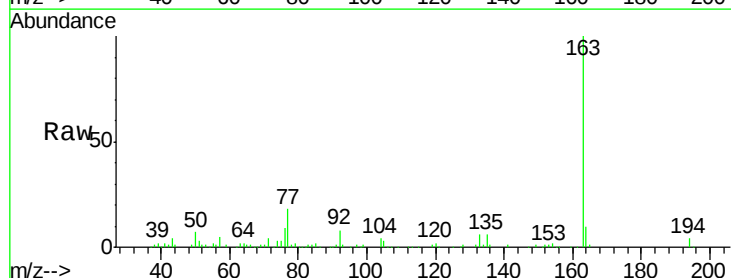
Manual Integrations
APPROVED

Sohil
1/24/2018 2:46:58 PM



#49
Dimethylphthalate
Concen: 5.068 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102352.D
Acq: 23 Jan 2018 19:57

Tgt Ion:163 Resp: 120640
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.0 8.2 12.2





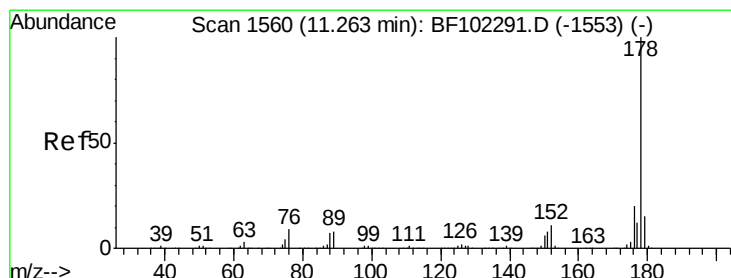
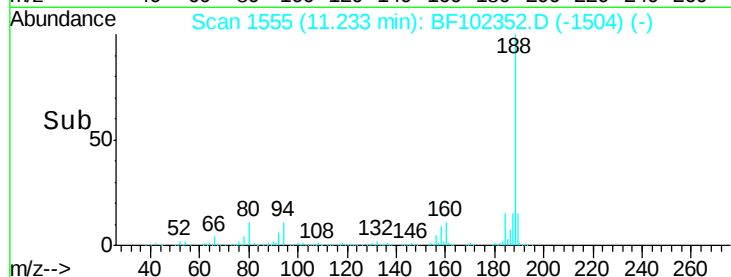
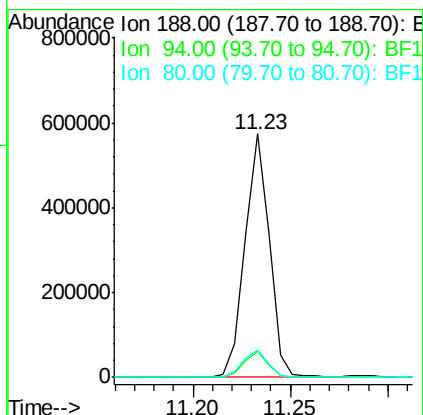
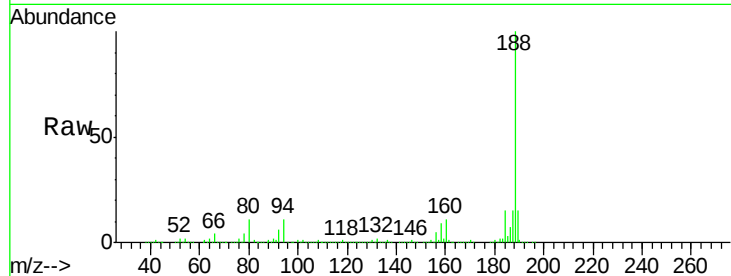
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102352.D
Acq: 23 Jan 2018 19:57

Instrument :
BNA_F
ClientSampleId :
CL-01-012218-B

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.0	9.2	13.8

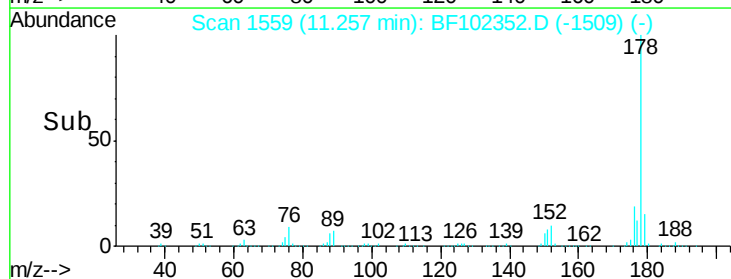
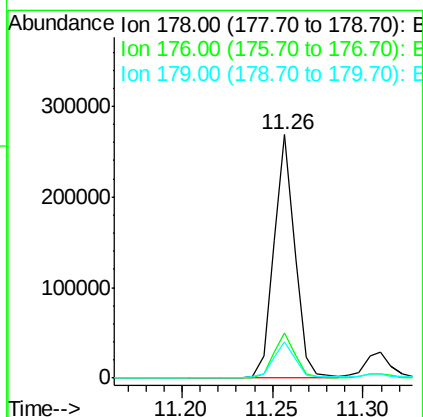
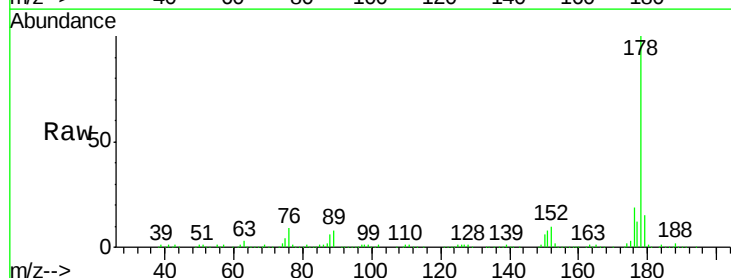
Manual Integrations
APPROVED

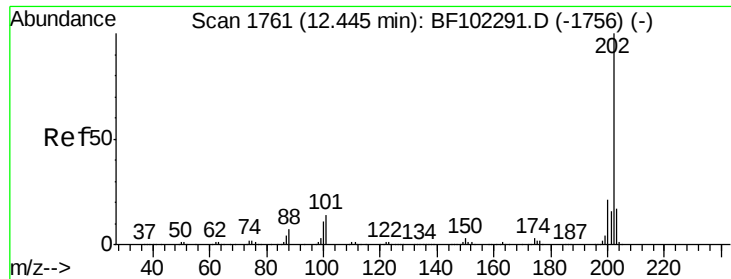
Sohil
1/24/2018 2:46:58 PM



#70
Phenanthrene
Concen: 7.425 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF102352.D
Acq: 23 Jan 2018 19:57

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.0	13.0	19.6





#74

Fluoranthene

Concen: 7.683 ng

RT: 12.44 min Scan# 1761

Delta R.T. -0.00 min

Lab File: BF102352.D

Acq: 23 Jan 2018 19:57

Instrument :

BNA_F

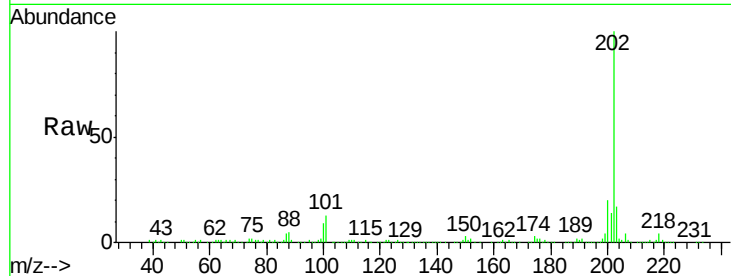
ClientSampleId :

CL-01-012218-B

Tgt	Ion	202	Resp:	228144
Ion	Ratio	Lower	Upper	
202	100			
101	13.4	0.0	34.1	
203	17.2	0.0	38.1	

Manual Integrations
APPROVED

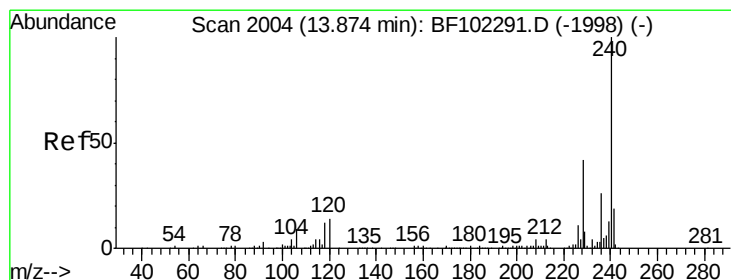
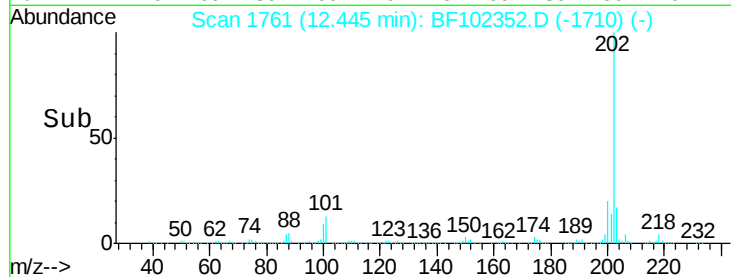
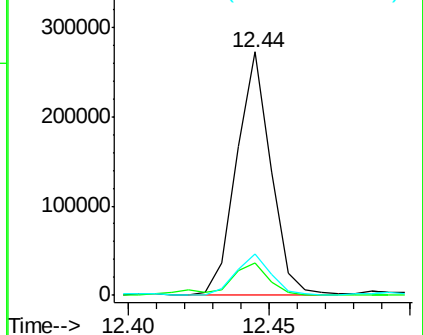
Sohil
1/24/2018 2:46:58 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

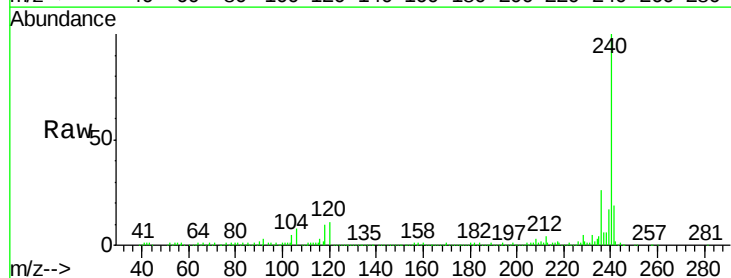
RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF102352.D

Acq: 23 Jan 2018 19:57

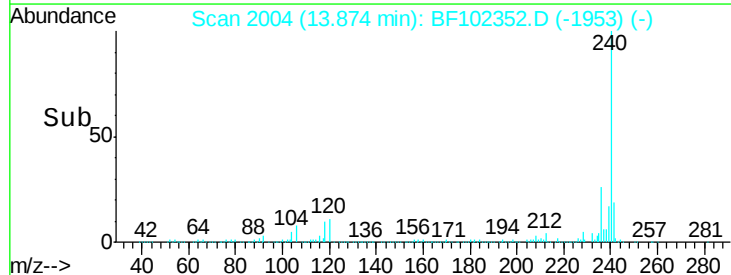
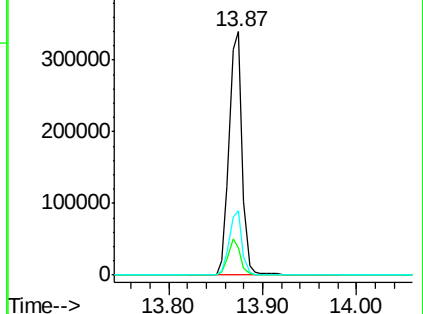
Tgt	Ion	240	Resp:	331041
Ion	Ratio	Lower	Upper	
240	100			
120	11.2	9.5	14.3	
236	26.4	20.7	31.1	

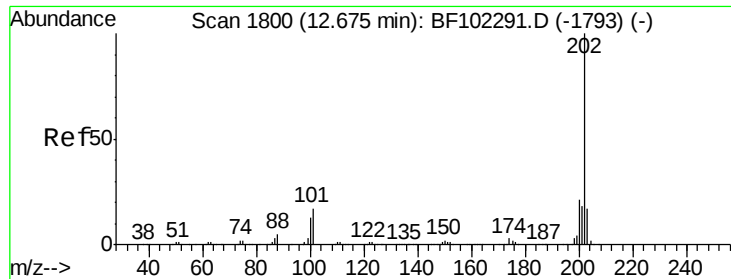


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 12.183 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BF102352.D

Acq: 23 Jan 2018 19:57

Instrument :

BNA_F

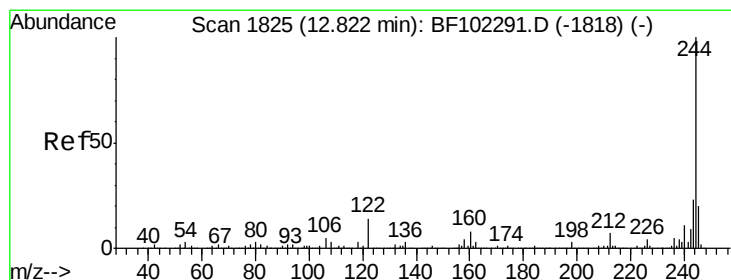
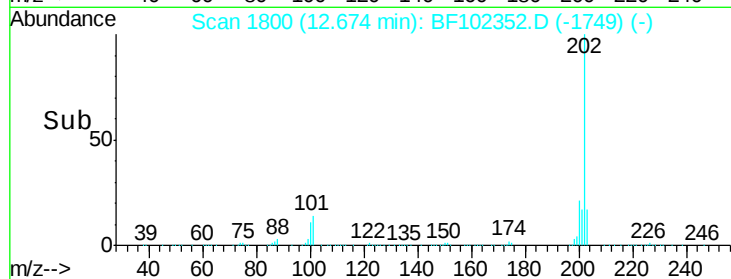
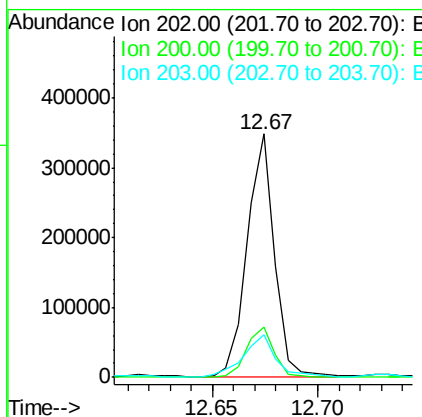
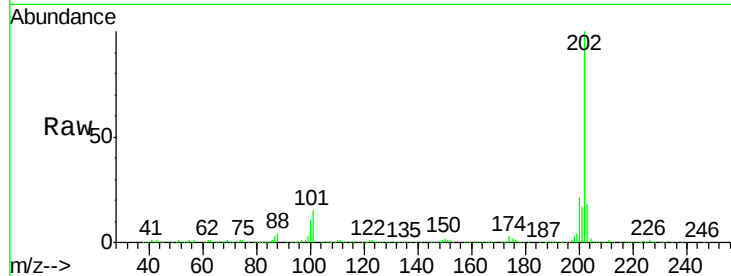
ClientSampleId :

CL-01-012218-B

Tgt Ion:	202	Resp:	311815
Ion Ratio		Lower	Upper
202	100		
200	20.7	17.4	26.2
203	17.8	14.3	21.5

Manual Integrations
APPROVED

Sohil
1/24/2018 2:46:58 PM



#78

Terphenyl-d14

Concen: 69.339 ng

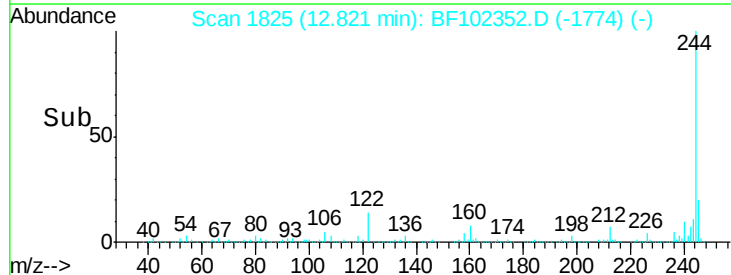
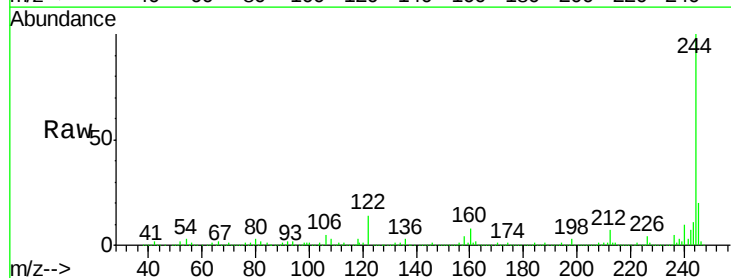
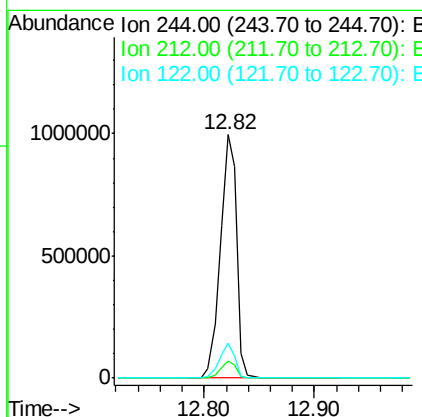
RT: 12.82 min Scan# 1825

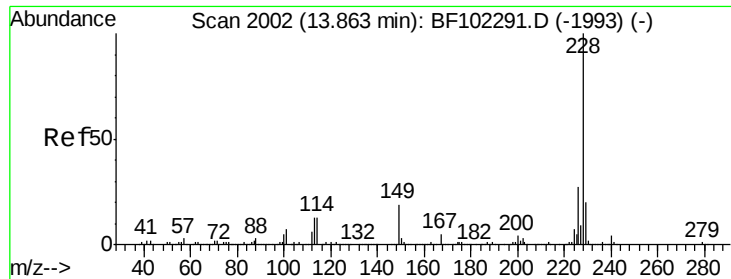
Delta R.T. -0.00 min

Lab File: BF102352.D

Acq: 23 Jan 2018 19:57

Tgt Ion:	244	Resp:	1018209
Ion Ratio		Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.4	11.0	16.4





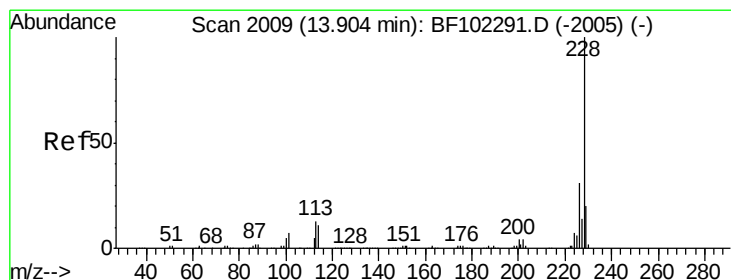
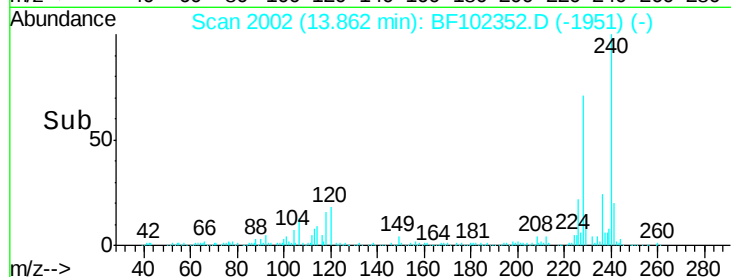
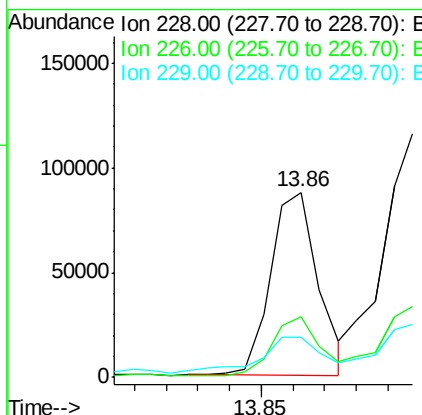
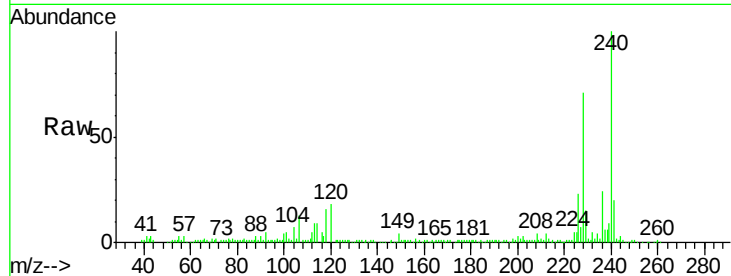
#80
Benzo(a)anthracene
Concen: 4.449 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BF102352.D
Acq: 23 Jan 2018 19:57

Instrument :
BNA_F
ClientSampleId :
CL-01-012218-B

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.8	22.6	33.8
229	21.5	15.8	23.6

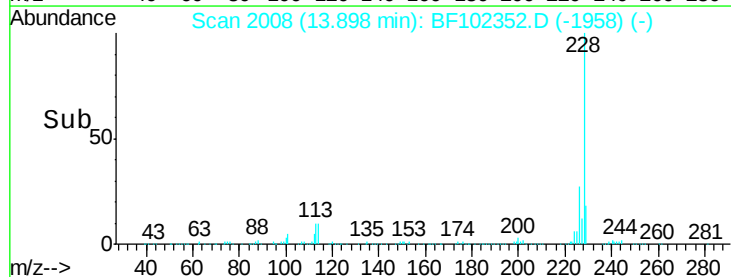
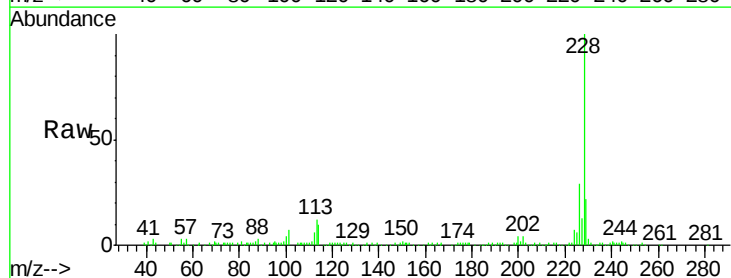
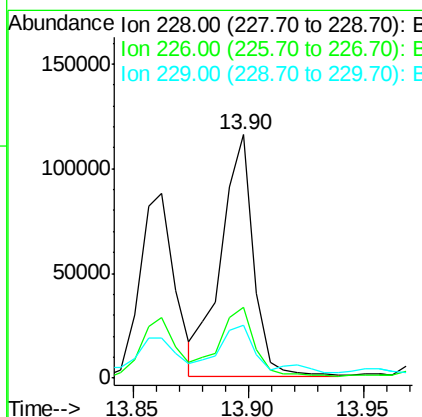
Manual Integrations
APPROVED

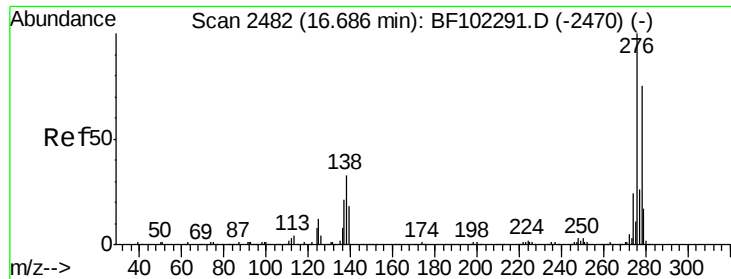
Sohil
1/24/2018 2:46:58 PM



#82
Chrysene
Concen: 5.455 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF102352.D
Acq: 23 Jan 2018 19:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	25.0	37.6
229	21.6	16.2	24.4





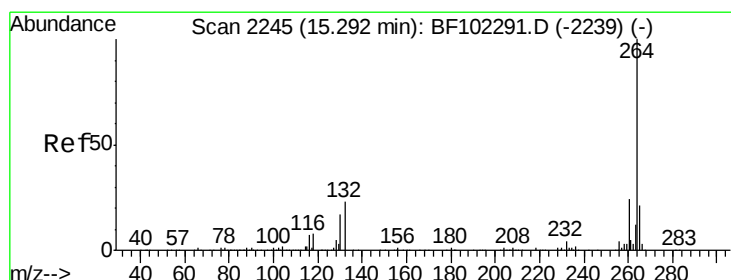
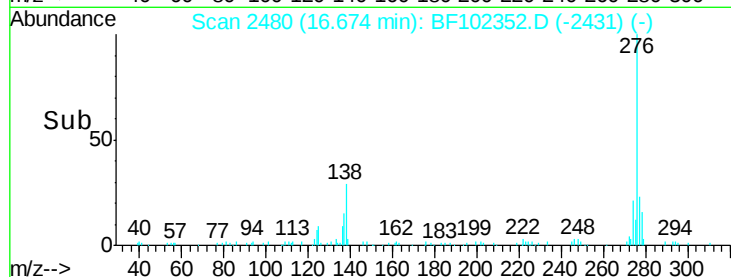
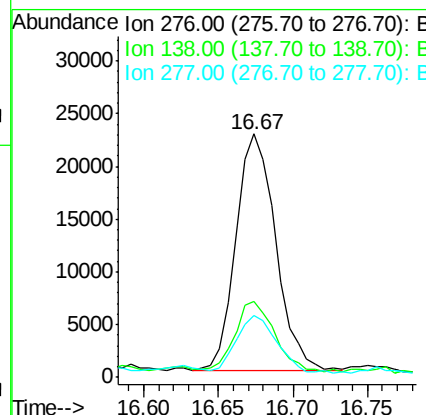
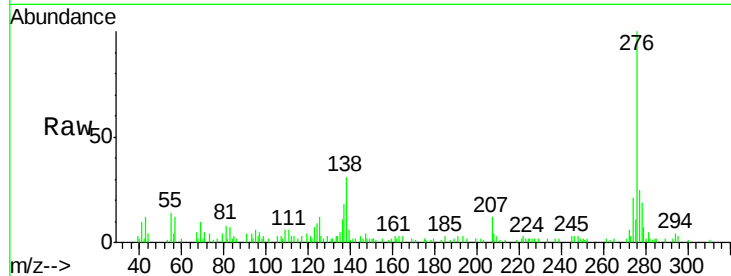
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.439 ng
 RT: 16.67 min Scan# 2480
 Delta R.T. -0.01 min
 Lab File: BF102352.D
 Acq: 23 Jan 2018 19:57

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-012218-B

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.6	25.0	37.6
277	24.6	20.1	30.1

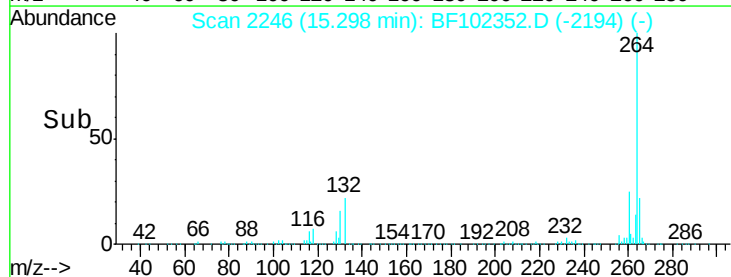
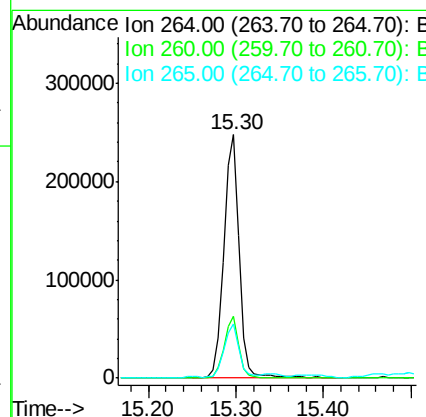
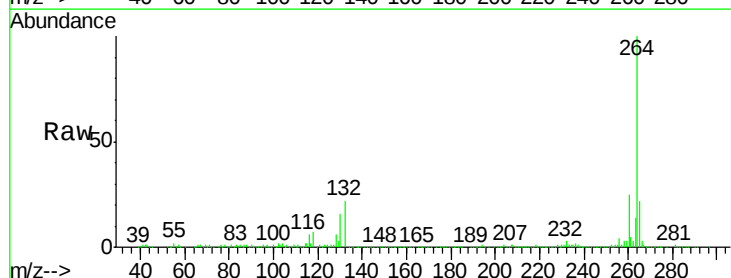
Manual Integrations
 APPROVED

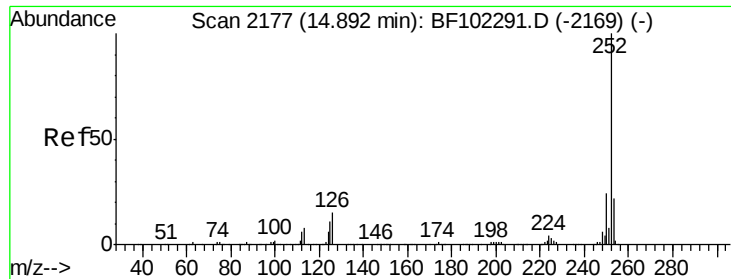
Sohil
 1/24/2018 2:46:58 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. 0.01 min
 Lab File: BF102352.D
 Acq: 23 Jan 2018 19:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.2	28.8
265	22.0	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 4.322 ng m

RT: 14.89 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BF102352.D

Acq: 23 Jan 2018 19:57

Instrument :

BNA_F

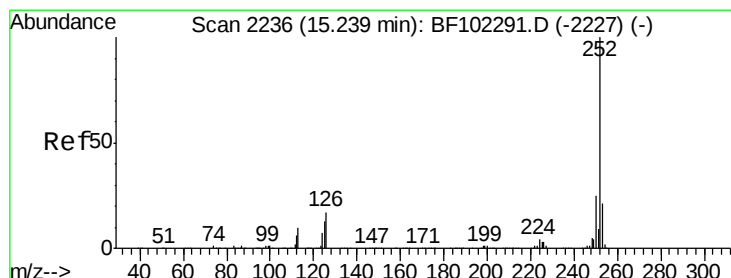
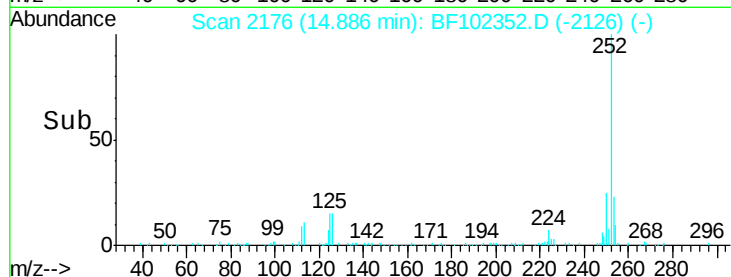
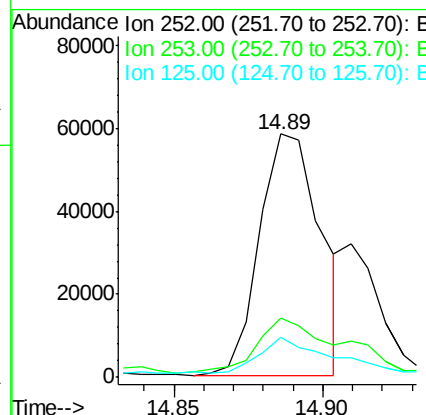
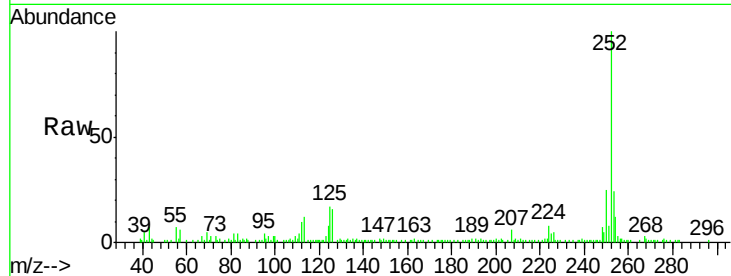
ClientSampleId :

CL-01-012218-B

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.0	25.6
125	16.5	9.0	13.6#

Manual Integrations
APPROVED

Sohil
1/24/2018 2:46:58 PM



#89

Benzo(a)pyrene

Concen: 3.878 ng

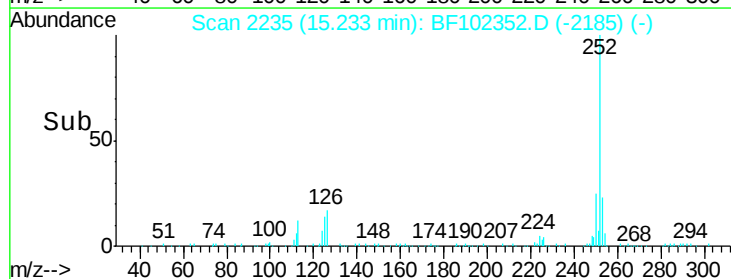
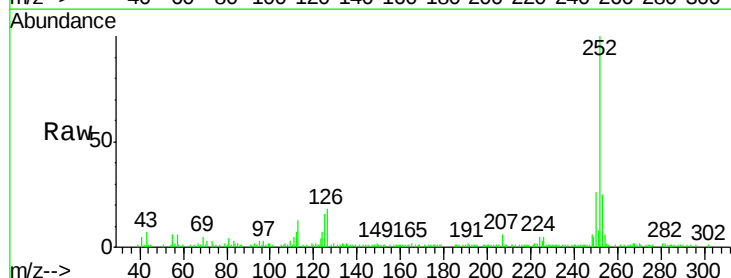
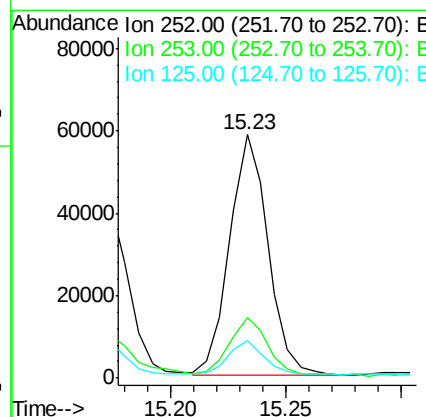
RT: 15.23 min Scan# 2235

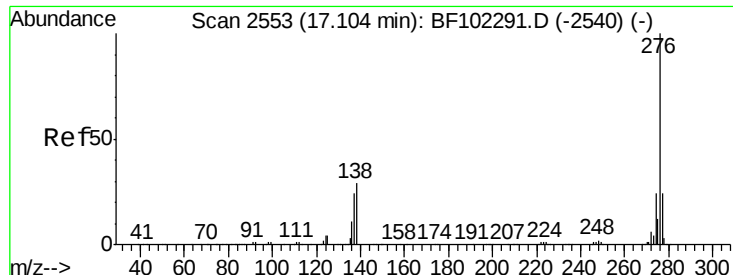
Delta R.T. -0.01 min

Lab File: BF102352.D

Acq: 23 Jan 2018 19:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.1	25.7
125	15.6	9.8	14.6#





#91
 Benzo(g,h,i)perylene
 Concen: 3.514 ng
 RT: 17.09 min Scan# 2551
 Delta R.T. -0.01 min
 Lab File: BF102352.D
 Acq: 23 Jan 2018 19:57

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-012218-B

Tgt Ion:	276	Resp:	49200
Ion Ratio		Lower	Upper
276	100		
277	27.1	17.9	26.9#
138	32.1	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 1/24/2018 2:46:58 PM

