

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112033.D
 Acq On : 11 Jan 2019 23:22
 Operator : JU/SJ
 Sample : K1102-05 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-13(10-15)

Manual Integrations
 APPROVED

Sohil
 1/14/2019 4:10:44 PM

Quant Time: Jan 12 02:00:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 11 21:37:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	18911	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	67187	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	29627	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	47992	20.00	ng	0.01
76) Chrysene-d12	14.07	240	30667	20.00	ng	0.02
87) Perylene-d12	15.56	264	26940	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	95448	86.35	ng	0.00
7) Phenol-d6	6.52	99	127237	89.31	ng	0.00
23) Nitrobenzene-d5	7.43	82	66015	52.51	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	33779	87.66	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	124767	61.41	ng	0.00
79) Terphenyl-d14	13.00	244	104284	64.55	ng	0.02
Target Compounds						
50) Dimethylphthalate	9.62	163	30987	13.923	ng	Qvalue # 82
52) Acenaphthene	9.95	154	109630	59.138	ng	# 99
55) Dibenzofuran	10.12	168	17153	6.362	ng	# 70
72) Anthracene	11.49	178	85698	32.901	ng	# 79
75) Fluoranthene	12.64	202	227345	86.308	ng	92
78) Pyrene	12.87	202	192367m	91.166	ng	
81) Benzo(a)anthracene	14.06	228	36282	20.557	ng	# 52
83) Chrysene	14.10	228	41257	24.517	ng	# 56
84) Bis(2-ethylhexyl)phthalate	14.04	149	114969	98.134	ng	# 84
86) Indeno(1,2,3-cd)pyrene	17.06	276	8636	7.039	ng	# 82
88) Benzo(b)fluoranthene	15.13	252	18350m	11.387	ng	
89) Benzo(k)fluoranthene	15.14	252	9884m	6.525	ng	
90) Benzo(a)pyrene	15.50	252	17247	12.172	ng	# 1
92) Benzo(a,h,i)perylene	17.52	276	8466	7.595	ng	# 3

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

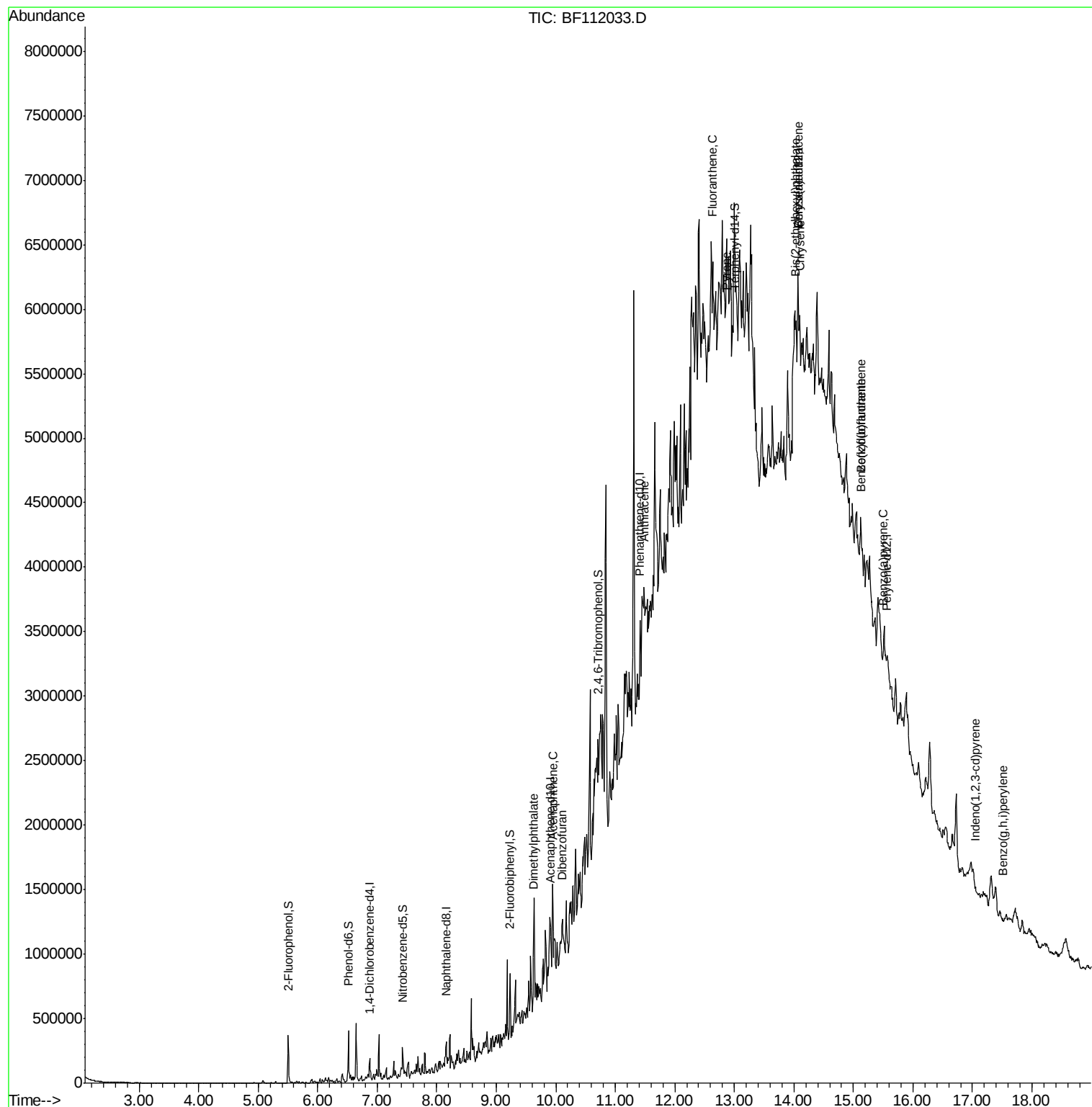
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112033.D
Acq On : 11 Jan 2019 23:22
Operator : JU/SJ
Sample : K1102-05 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

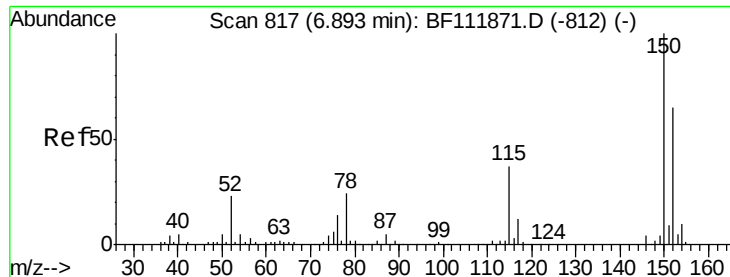
Instrument :
BNA_F
ClientSampleId :
CPSB-13(10-15)

Manual Integrations
APPROVED

Sohil
1/14/2019 4:10:44 PM

Quant Time: Jan 12 02:00:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 11 21:37:26 2019
Response via : Initial Calibration





#1

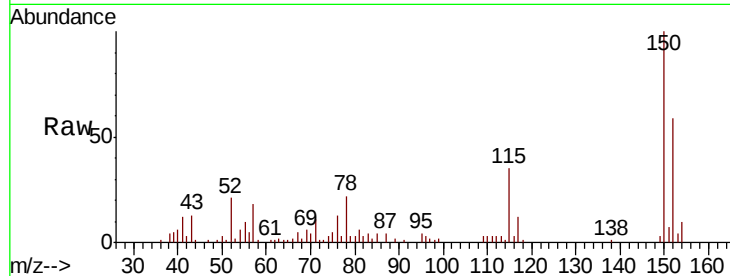
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Instrument :
BNA_F
ClientSampleId :
CPSB-13(10-15)

Tot Ion	Ratio	Lower	Upper
152	100		
150	168.9	122.7	184.1
115	58.4	45.2	67.8

Manual Integrations
APPROVED

Sohil
1/14/2019 4:10:44 PM



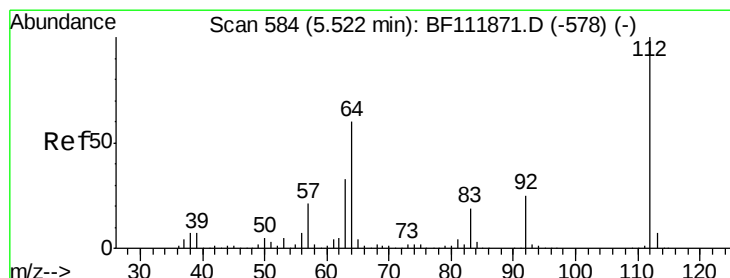
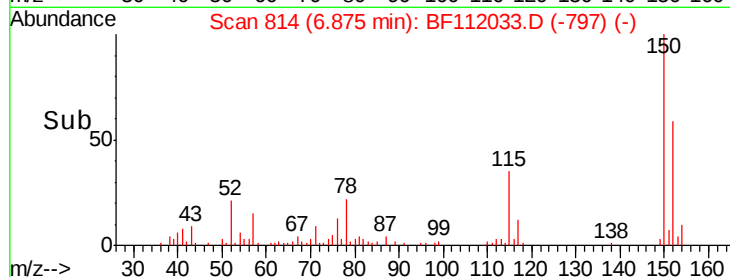
Abundance

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

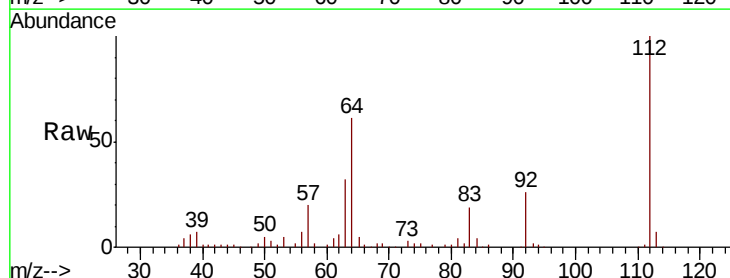
Time-->



#5

2-Fluorophenol
Concen: 86.349 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	48.3	72.5
63	32.2	26.1	39.1



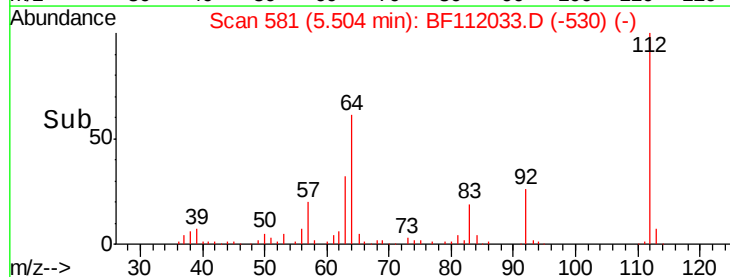
Abundance

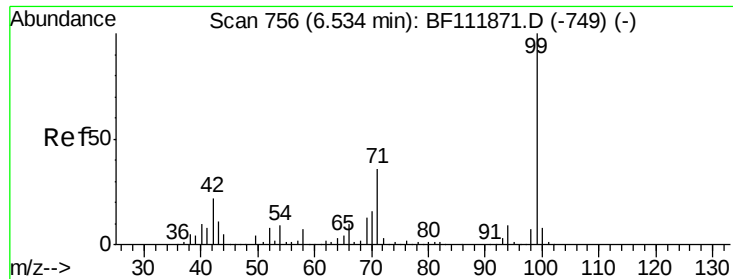
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Time-->





#7

Phenol-d6

Concen: 89.308 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF112033.D

Acq: 11 Jan 2019 23:22

Instrument :

BNA_F

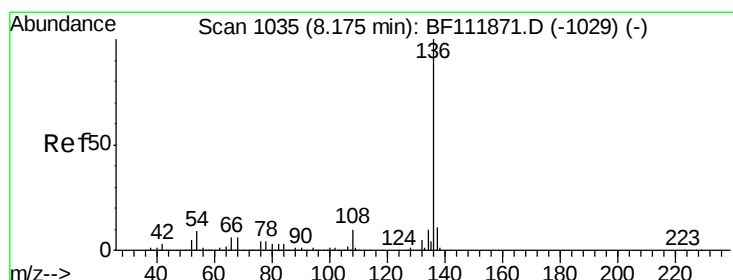
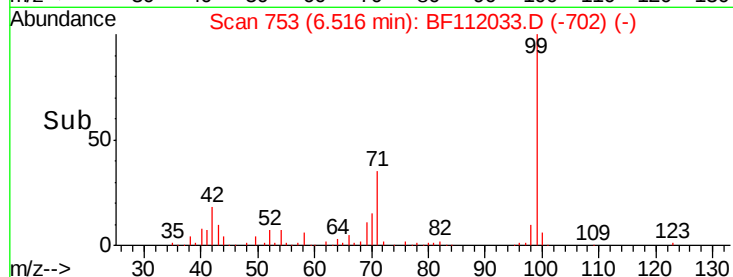
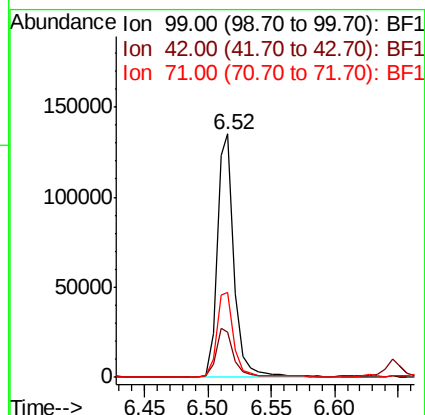
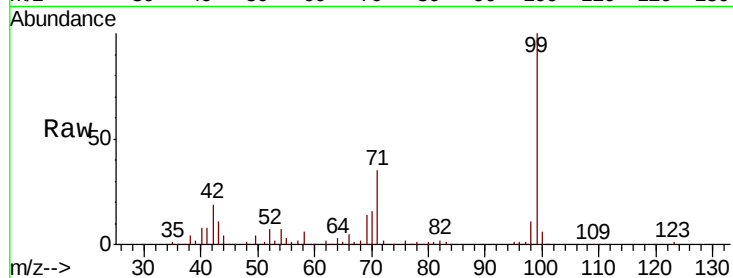
ClientSampleId :

CPSB-13(10-15)

Tot Ion:	99	Resp:	127237
Ion	Ratio	Lower	Upper
99	100		
42	18.7	17.9	26.9
71	34.9	28.7	43.1

Manual Integrations
APPROVED

Sohil
1/14/2019 4:10:44 PM



#21

Naphthalene-d8

Concen: 20.000 ng

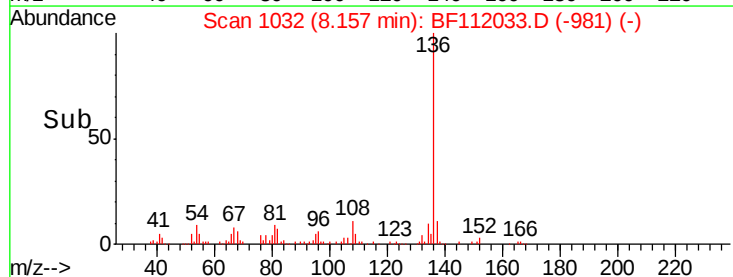
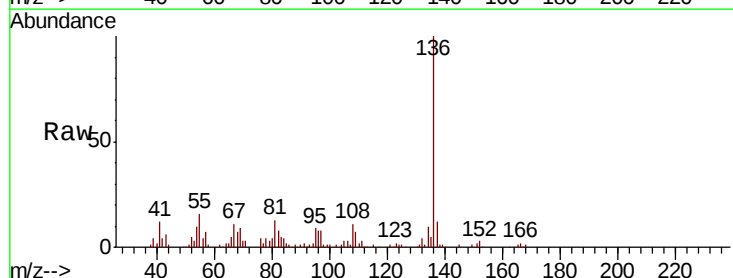
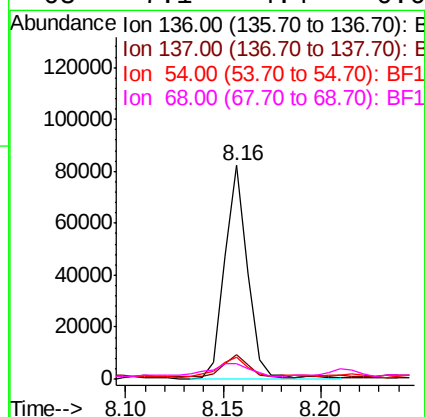
RT: 8.16 min Scan# 1032

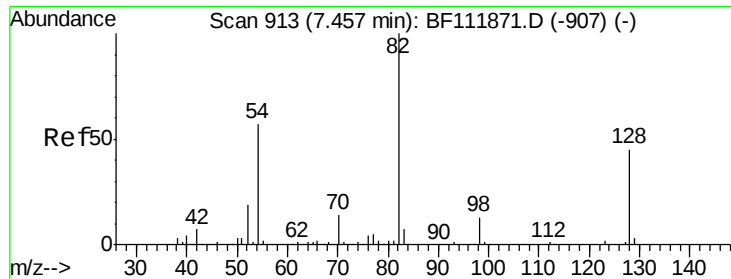
Delta R.T. -0.00 min

Lab File: BF112033.D

Acq: 11 Jan 2019 23:22

Tgt Ion:	136	Resp:	67187
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	10.2	7.2	10.8
68	7.1	4.4	6.6#





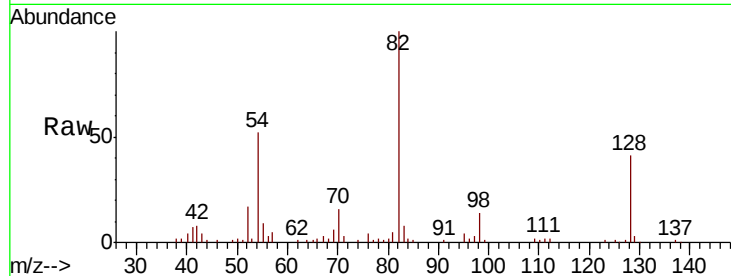
#23
Nitrobenzene-d5
Concen: 52.513 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Instrument :
BNA_F
ClientSampled :
CPSB-13(10-15)

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.1	35.7	53.5
54	52.4	45.8	68.8

Manual Integrations
APPROVED

Sohil
1/14/2019 4:10:44 PM

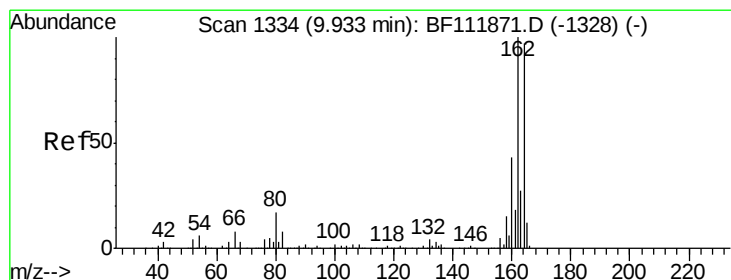
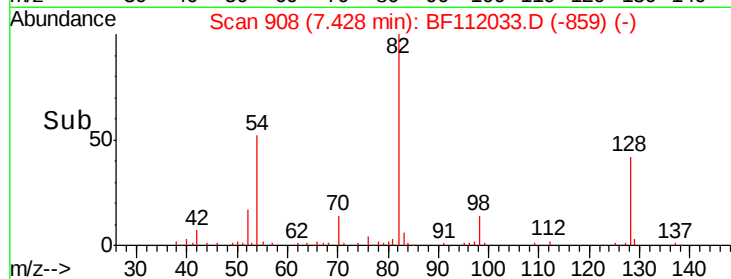
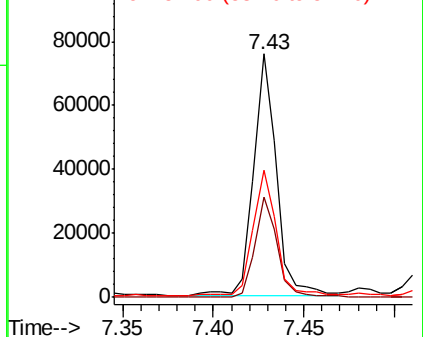


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

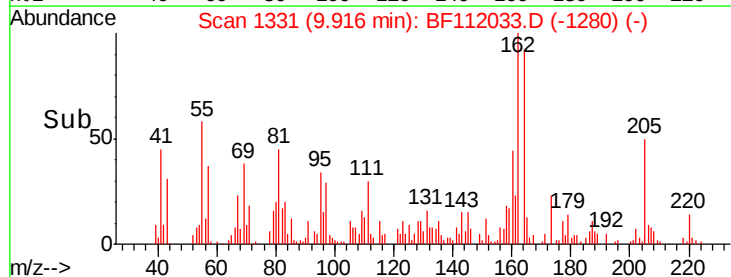
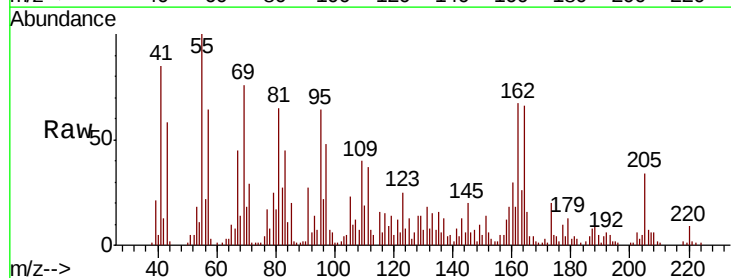
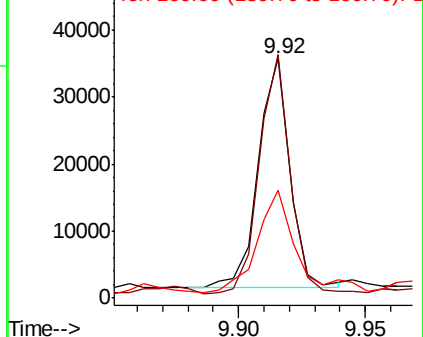
Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.2	123.2
160	45.2	35.5	53.3

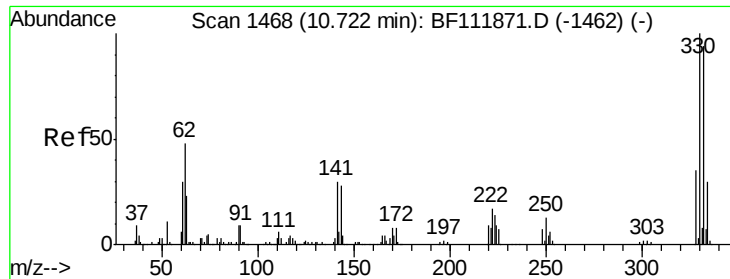
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





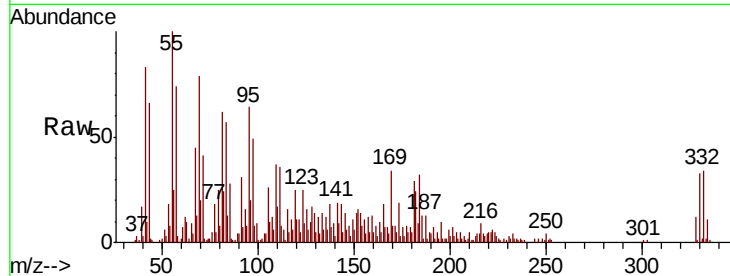
#42
 2,4,6-Tribromophenol
 Concen: 87.656 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.01 min
 Lab File: BF112033.D
 Acq: 11 Jan 2019 23:22

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-13(10-15)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.9	115.3
141	29.3	23.7	35.5

Manual Integrations
 APPROVED

Sohil
 1/14/2019 4:10:44 PM

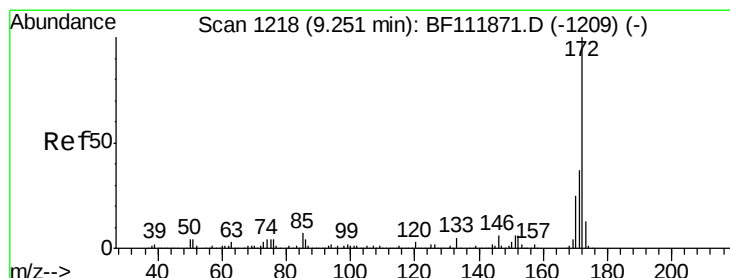
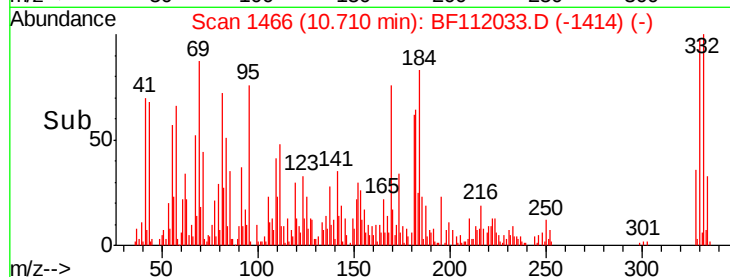
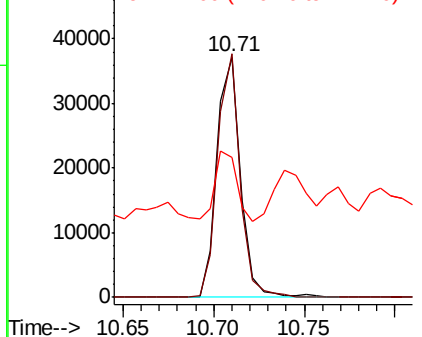


Abundance

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



#45
 2-Fluorobiphenyl
 Concen: 61.409 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF112033.D
 Acq: 11 Jan 2019 23:22

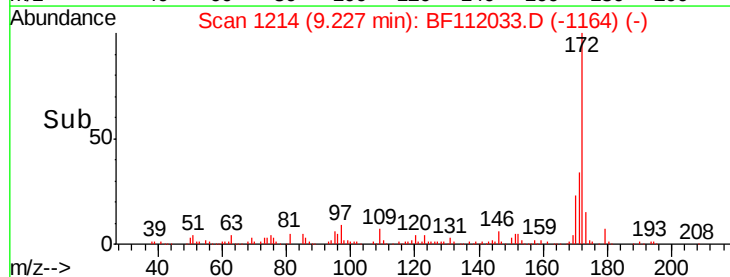
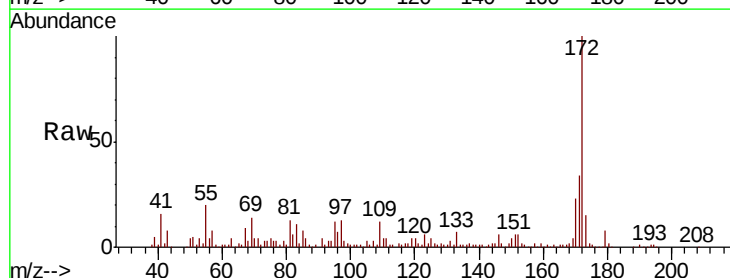
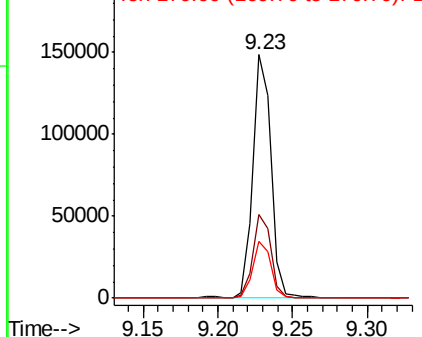
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.6	44.4
170	23.2	19.8	29.8

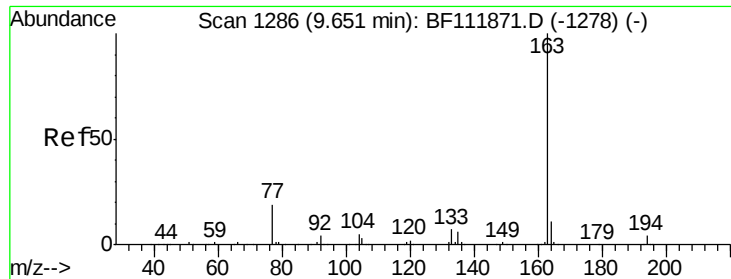
Abundance

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





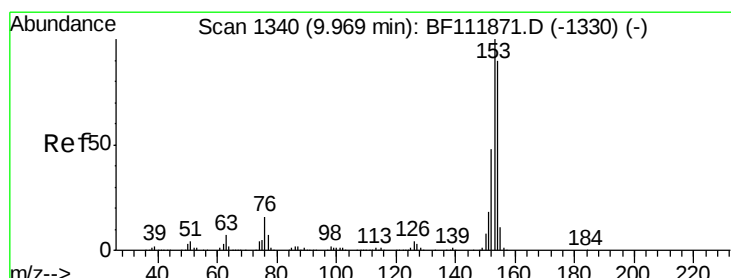
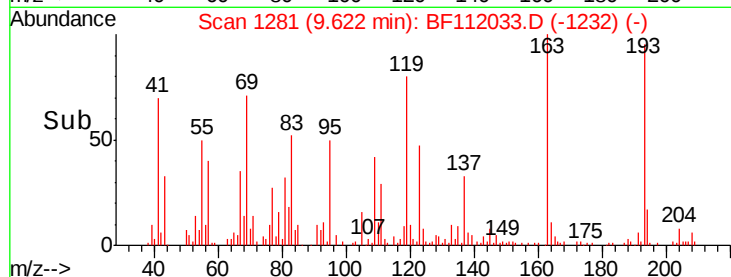
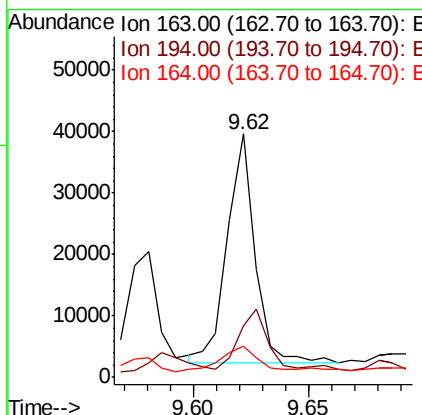
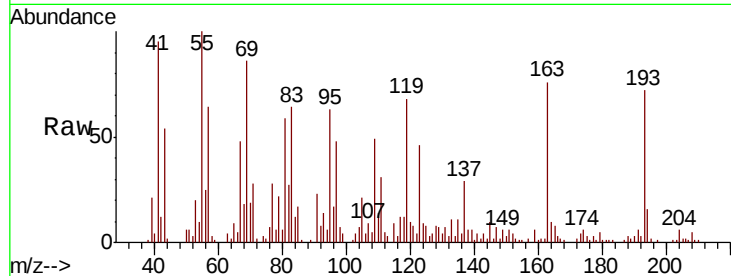
#50
Dimethylphthalate
Concen: 13.923 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Instrument :
BNA_F
ClientSampleId :
CPSB-13(10-15)

Tot Ion	Ratio	Lower	Upper
163	100		
194	21.2	3.4	5.2#
164	12.6	8.5	12.7

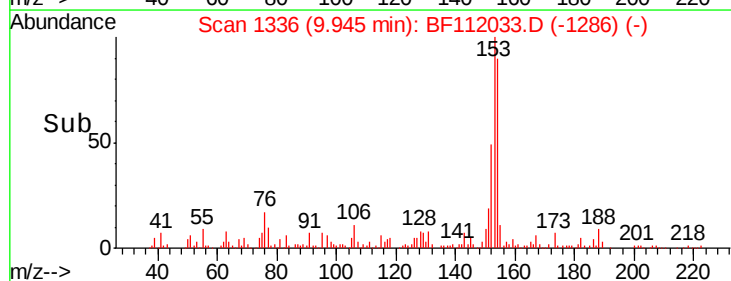
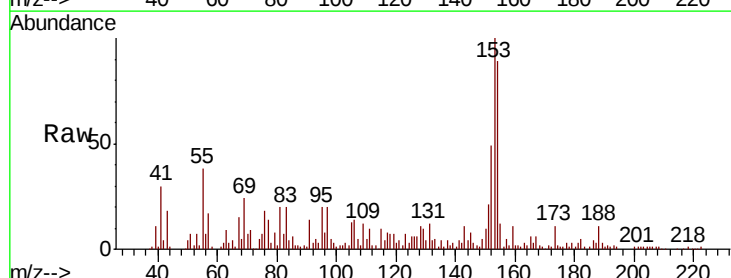
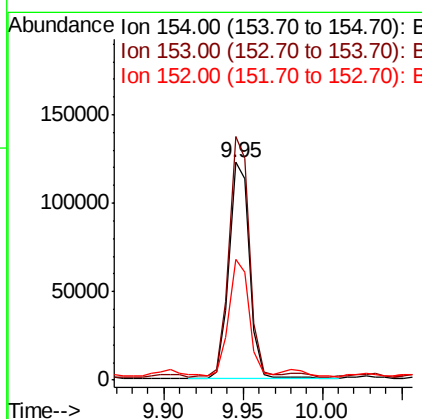
Manual Integrations
APPROVED

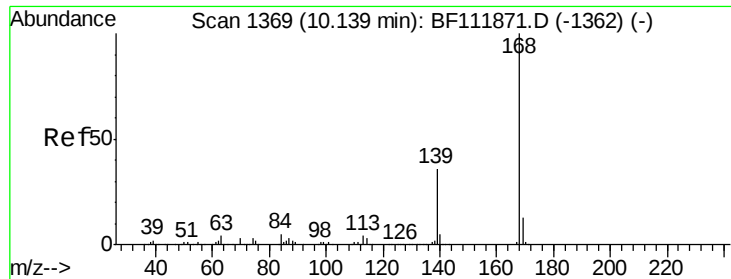
Sohil
1/14/2019 4:10:44 PM



#52
Acenaphthene
Concen: 59.138 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.9	89.4	134.0
152	55.3	43.1	64.7





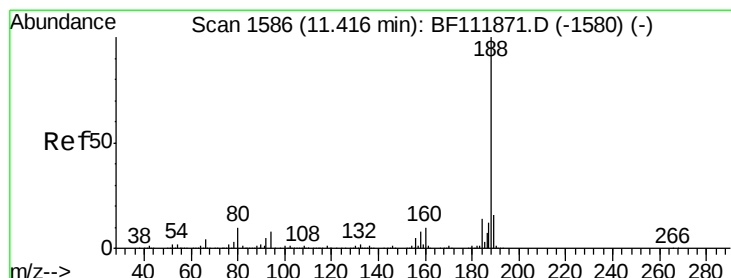
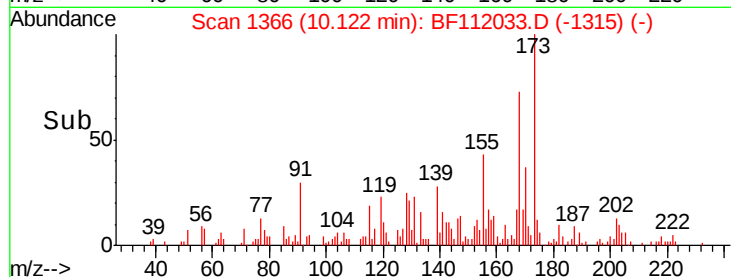
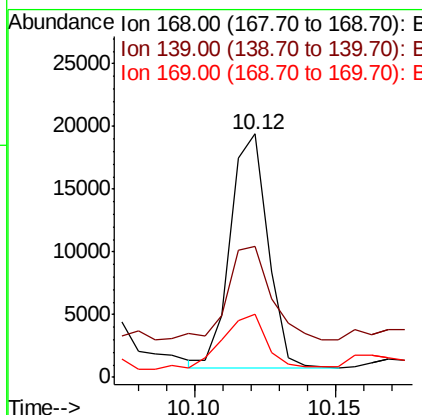
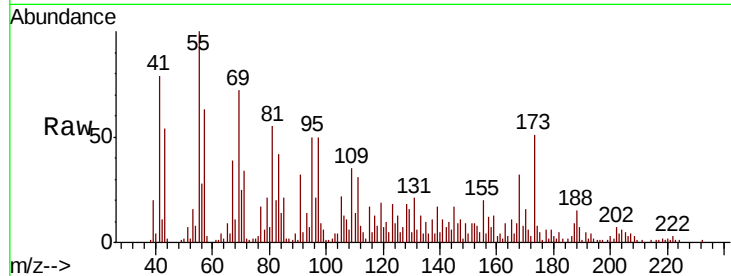
#55
Dibenzofuran
Concen: 6.362 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Instrument :
BNA_F
ClientSampled :
CPSB-13(10-15)

Tot Ion	Ratio	Lower	Upper
168	100		
139	53.8	29.3	43.9#
169	25.7	10.6	16.0#

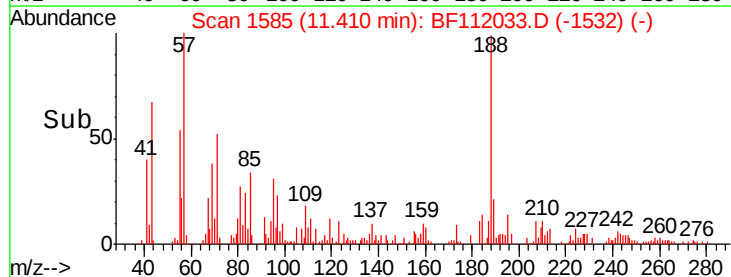
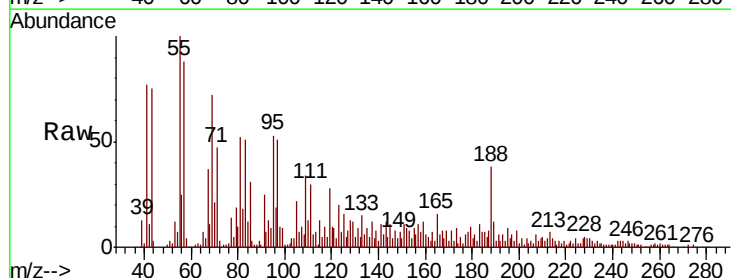
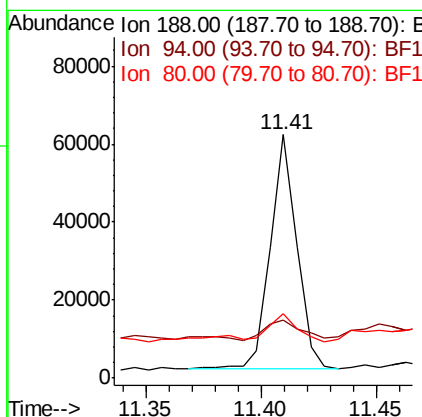
Manual Integrations
APPROVED

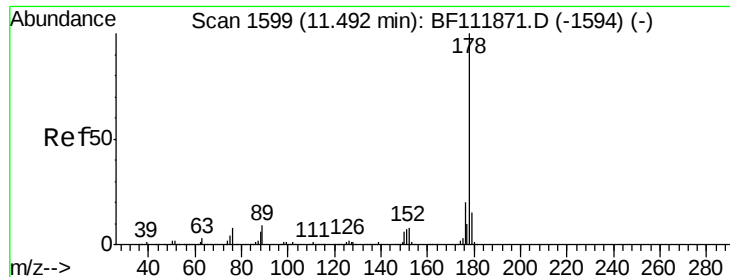
Sohil
1/14/2019 4:10:44 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.01 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	23.8	6.6	10.0#
80	26.4	7.7	11.5#





#72

Anthracene

Concen: 32.901 ng

RT: 11.49 min Scan# 1598

Delta R.T. 0.01 min

Lab File: BF112033.D

Acq: 11 Jan 2019 23:22

Instrument :

BNA_F

ClientSampleId :

CPSB-13(10-15)

Tot Ion:178 Resp: 85698

Ion Ratio Lower Upper

178 100

176 23.0 15.7 23.5

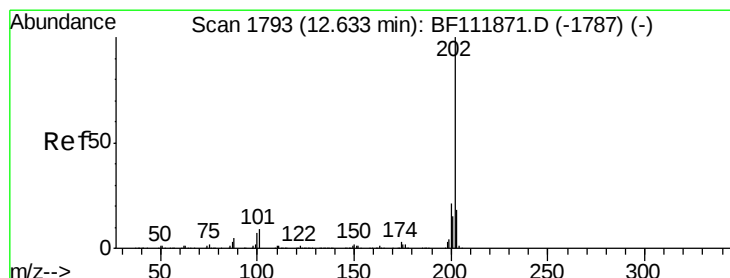
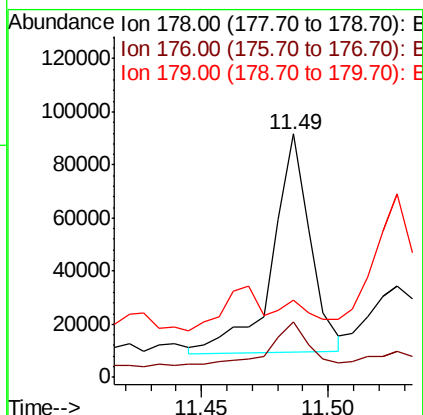
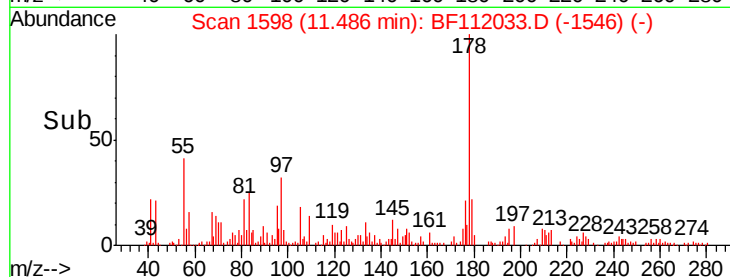
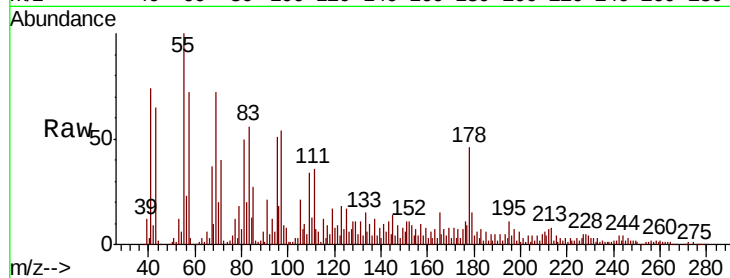
179 31.7 12.4 18.6#

Manual Integrations

APPROVED

Sohil

1/14/2019 4:10:44 PM



#75

Fluoranthene

Concen: 86.308 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.02 min

Lab File: BF112033.D

Acq: 11 Jan 2019 23:22

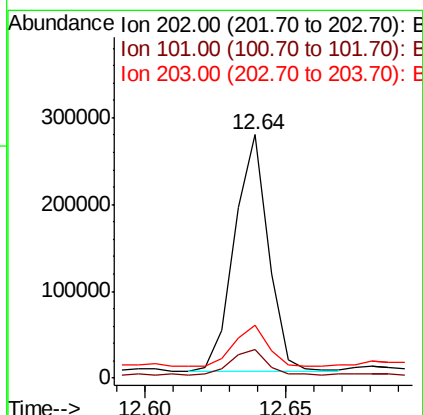
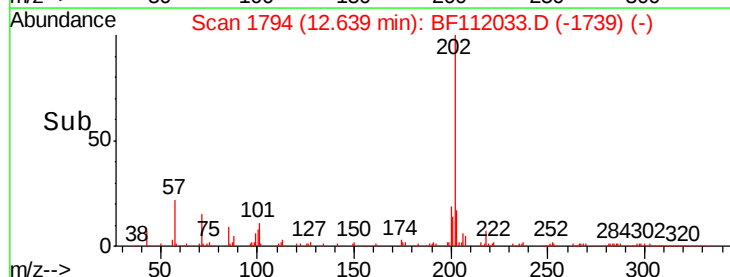
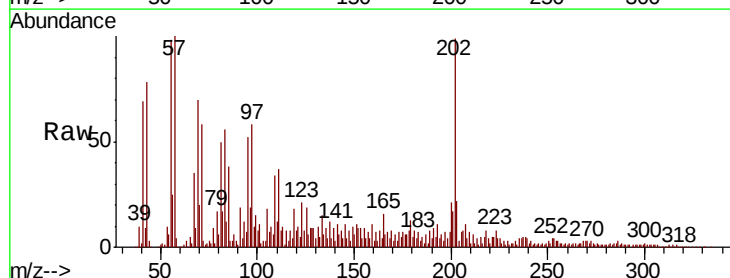
Tgt Ion:202 Resp: 227345

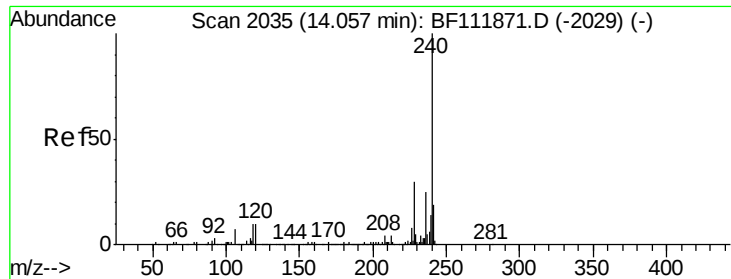
Ion Ratio Lower Upper

202 100

101 11.6 0.0 29.3

203 21.7 0.0 37.6





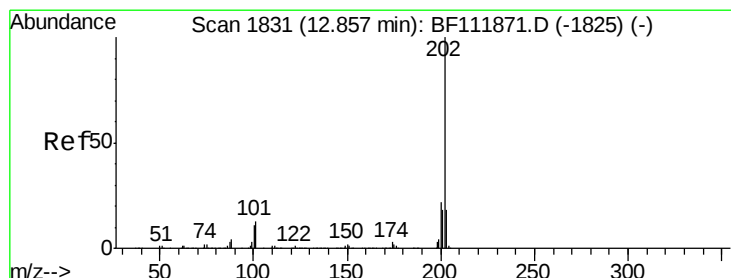
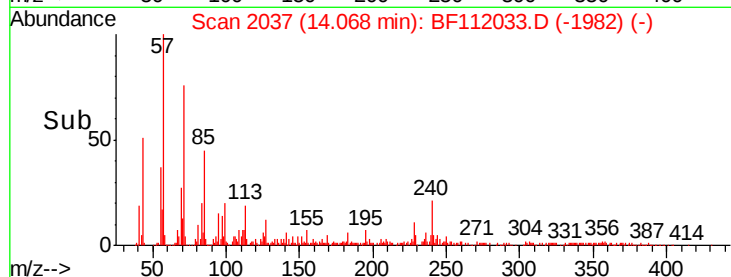
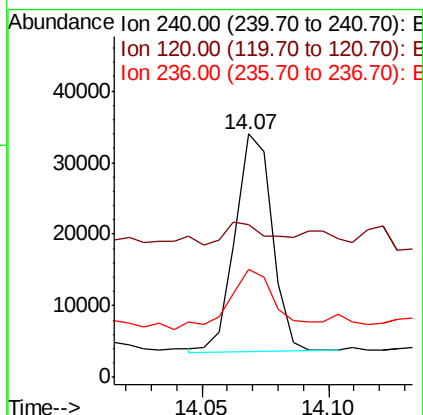
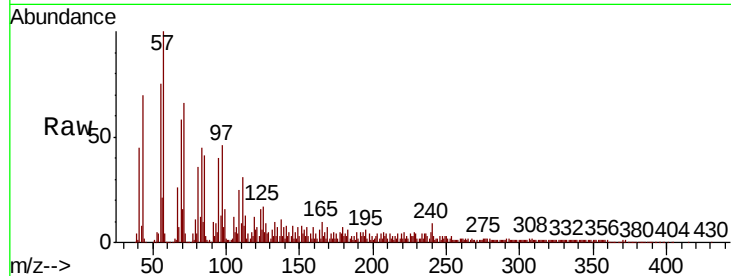
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.02 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Instrument :
BNA_F
ClientSampleId :
CPSB-13(10-15)

Tot Ion	Ratio	Lower	Upper
240	100		
120	62.6	8.2	12.2#
236	44.3	20.2	30.4#

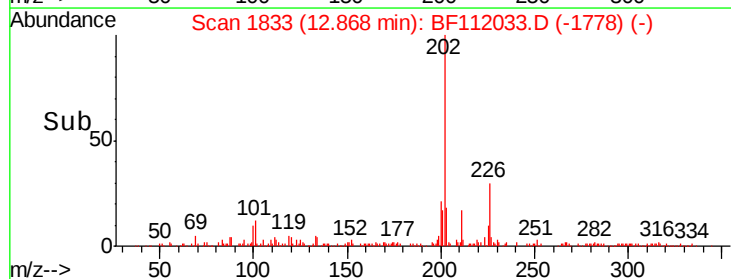
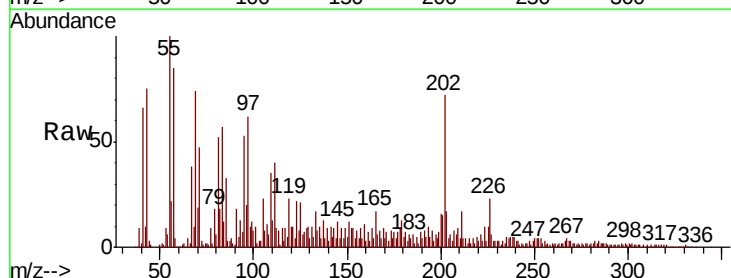
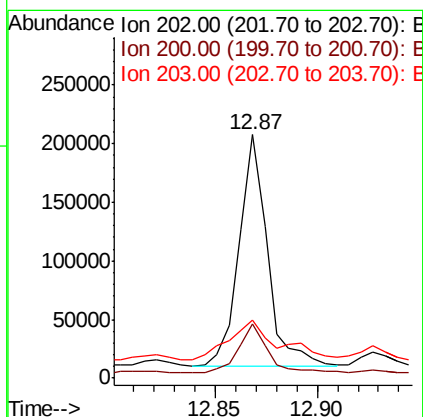
Manual Integrations
APPROVED

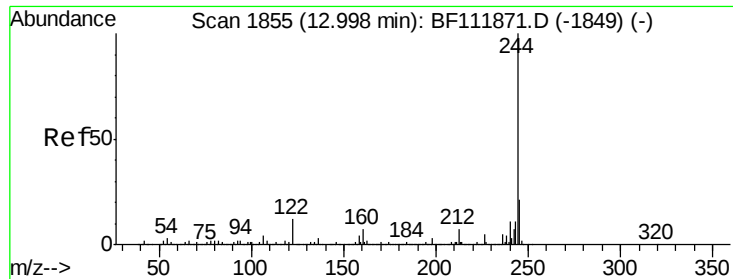
Sohil
1/14/2019 4:10:44 PM



#78
Pyrene
Concen: 91.166 ng m
RT: 12.87 min Scan# 1833
Delta R.T. 0.02 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.4	26.2
203	23.6	14.6	21.8#





#79

Terphenyl-d14

Concen: 64.550 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.02 min

Lab File: BF112033.D

Acq: 11 Jan 2019 23:22

Instrument :

BNA_F

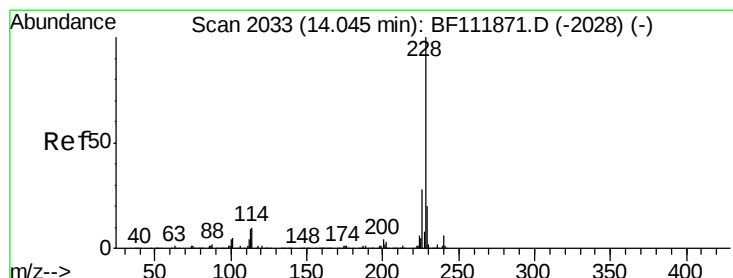
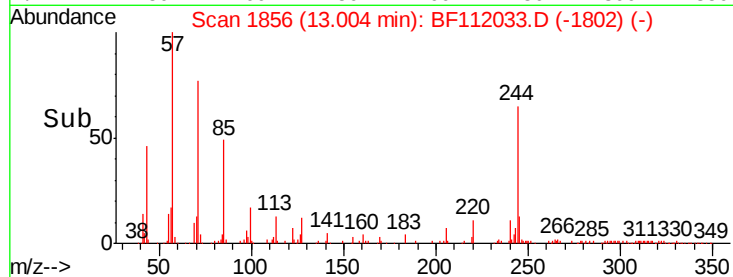
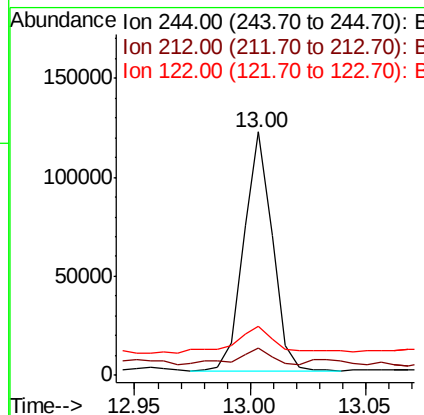
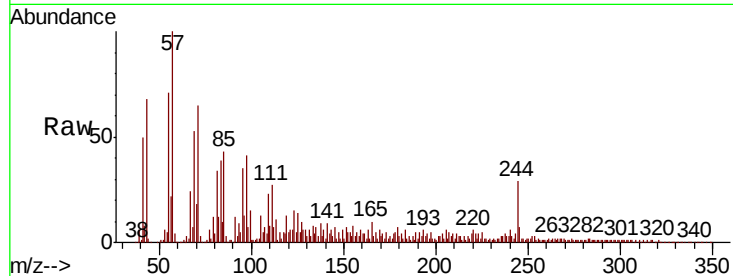
ClientSampleId :

CPSB-13(10-15)

Tot Ion:	244	Resp:	104284
Ion Ratio	Lower	Upper	
244	100		
212	11.2	5.8	8.8#
122	19.9	9.5	14.3#

Manual Integrations
APPROVED

Sohil
1/14/2019 4:10:44 PM



#81

Benzo(a)anthracene

Concen: 20.557 ng

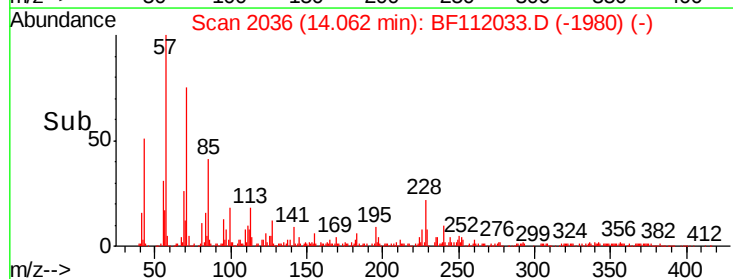
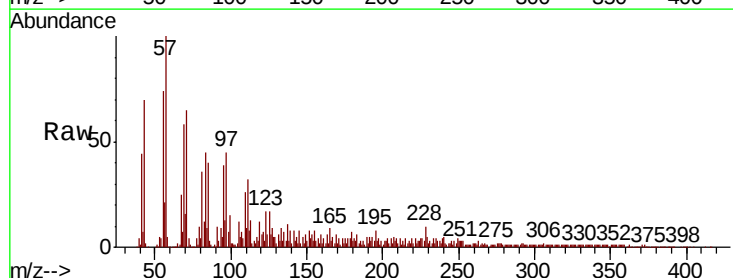
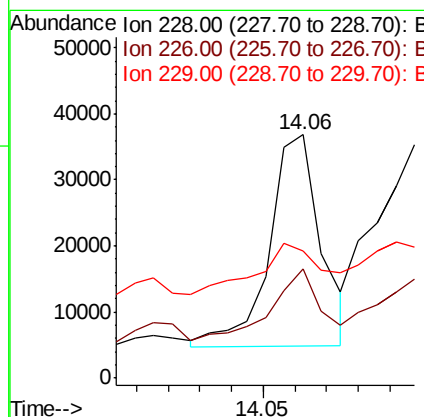
RT: 14.06 min Scan# 2036

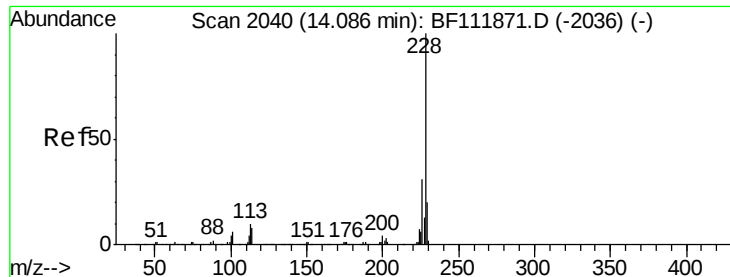
Delta R.T. 0.03 min

Lab File: BF112033.D

Acq: 11 Jan 2019 23:22

Tgt Ion:	228	Resp:	36282
Ion Ratio	Lower	Upper	
228	100		
226	44.8	22.2	33.2#
229	52.0	16.2	24.2#





#83

Chrysene

Concen: 24.517 ng

RT: 14.10 min Scan# 2042

Delta R.T. 0.03 min

Lab File: BF112033.D

Acq: 11 Jan 2019 23:22

Instrument :

BNA_F

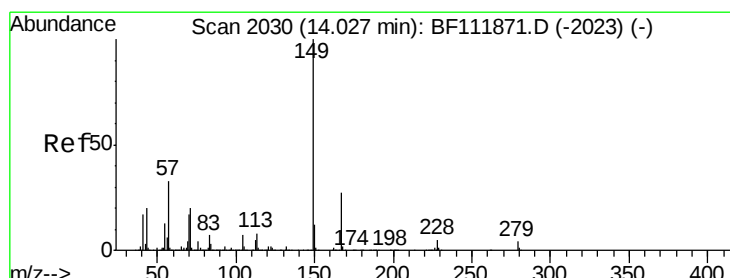
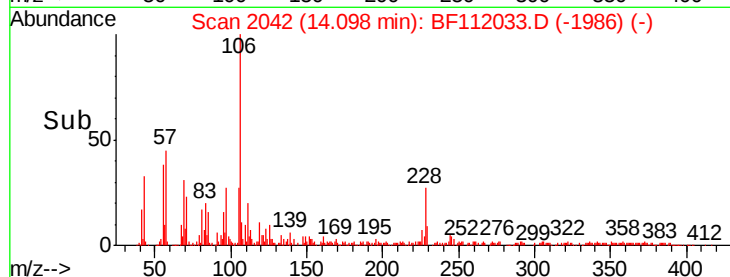
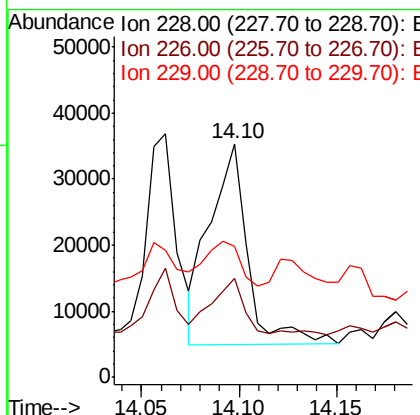
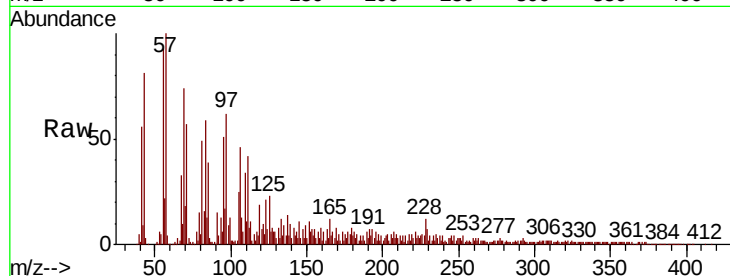
ClientSampleId :

CPSB-13(10-15)

Tot Ion:	228	Resp:	41257
Ion Ratio	Lower	Upper	
228	100		
226	42.1	24.6	37.0#
229	56.0	15.7	23.5#

Manual Integrations
APPROVED

Sohil
1/14/2019 4:10:44 PM



#84

Bis(2-ethylhexyl)phthalate

Concen: 98.134 ng

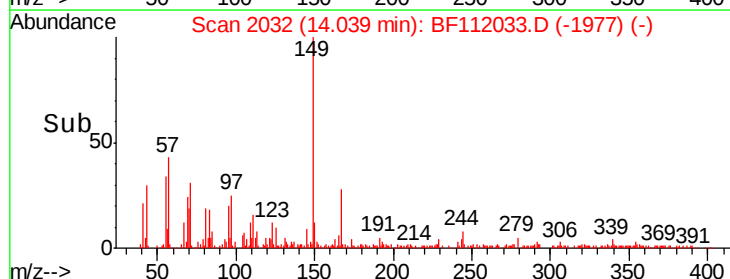
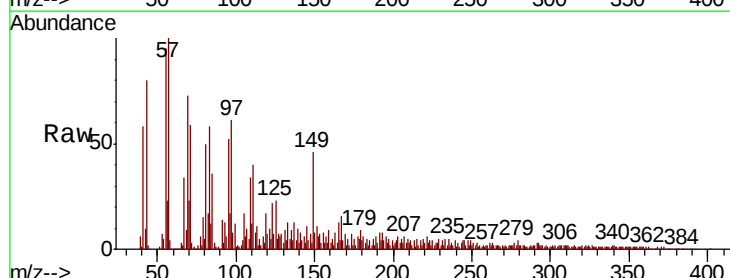
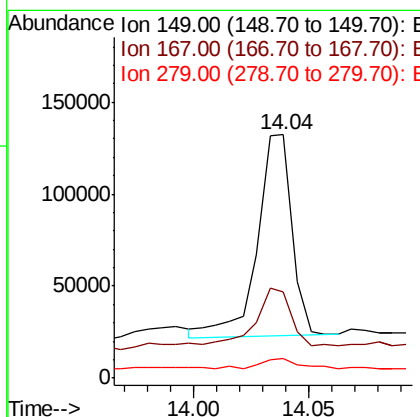
RT: 14.04 min Scan# 2032

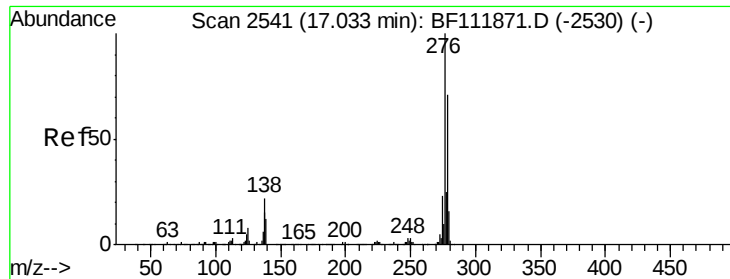
Delta R.T. 0.02 min

Lab File: BF112033.D

Acq: 11 Jan 2019 23:22

Tgt Ion:	149	Resp:	114969
Ion Ratio	Lower	Upper	
149	100		
167	35.4	21.5	32.3#
279	8.3	3.0	4.6#





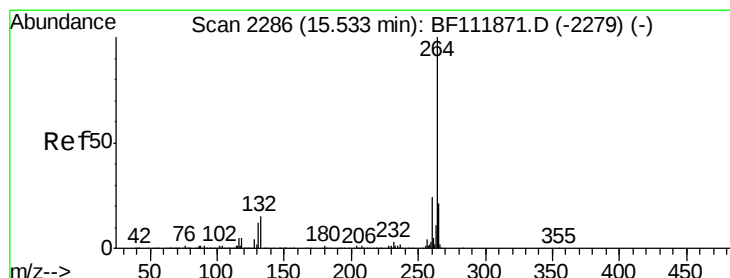
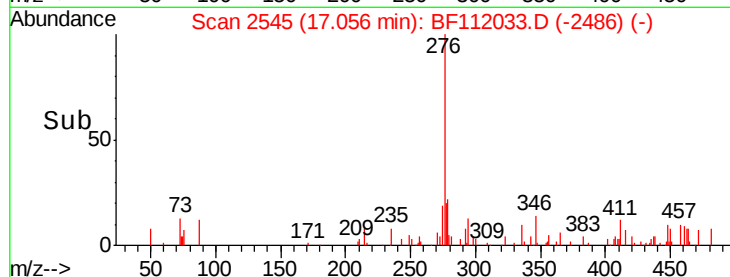
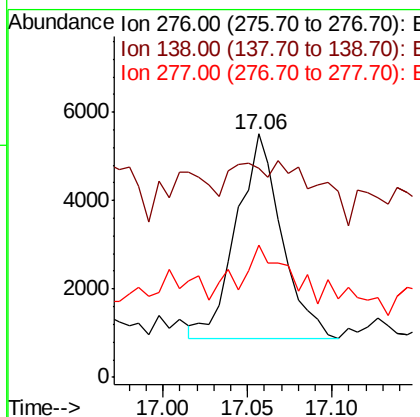
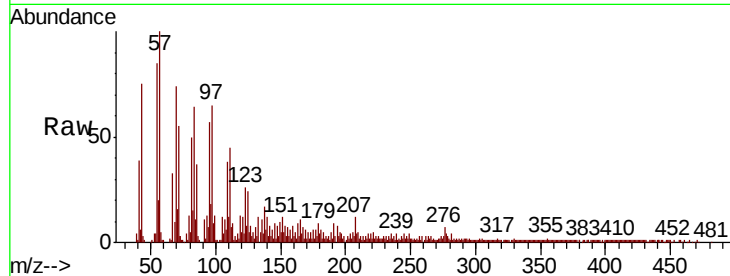
#86
Indeno(1,2,3-cd)pyrene
Concen: 7.039 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.05 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Instrument :
BNA_F
ClientSampleId :
CPSB-13(10-15)

Tot Ion	Ratio	Lower	Upper
276	100		
138	12.4	18.1	27.1#
277	32.3	19.9	29.9#

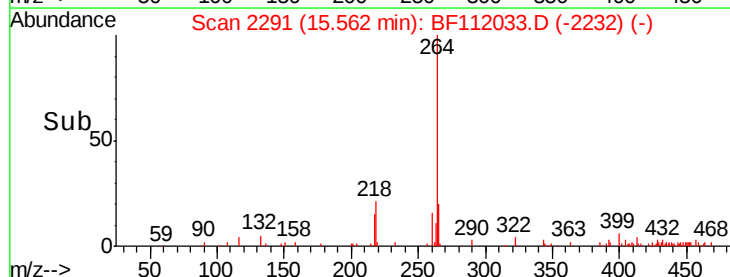
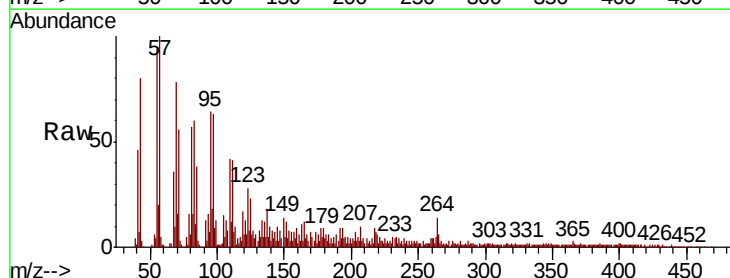
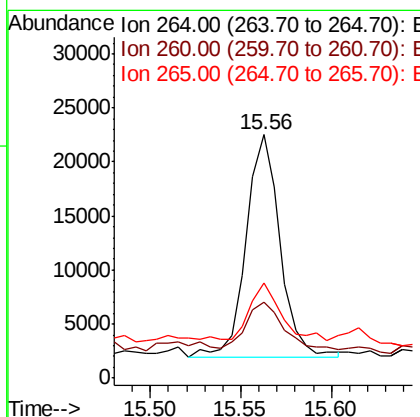
Manual Integrations
APPROVED

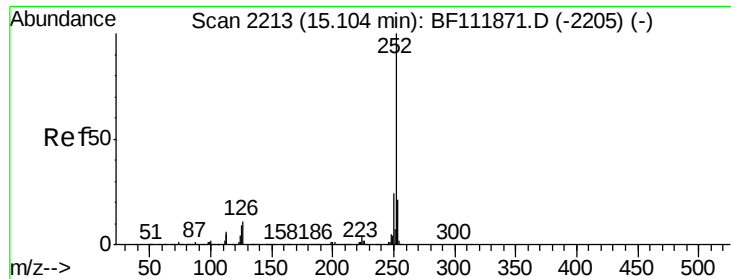
Sohil
1/14/2019 4:10:44 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.05 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	31.0	19.2	28.8#
265	39.0	17.1	25.7#





#88

Benzo(b)fluoranthene

Concen: 11.387 ng m

RT: 15.13 min Scan# 2217

Delta R.T. 0.04 min

Lab File: BF112033.D

Acq: 11 Jan 2019 23:22

Instrument :

BNA_F

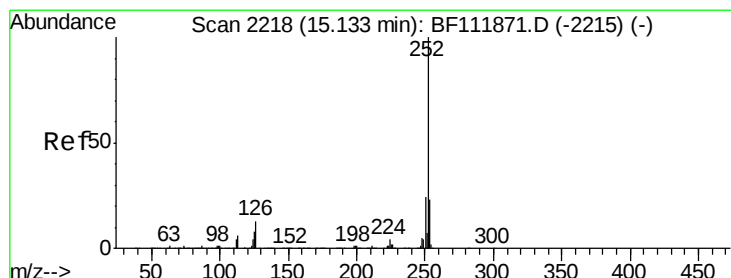
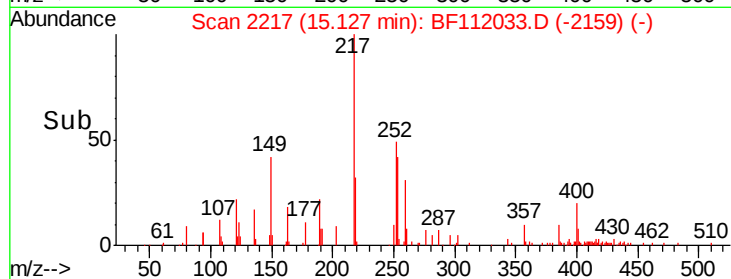
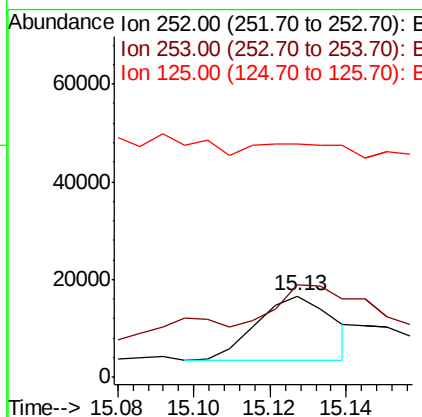
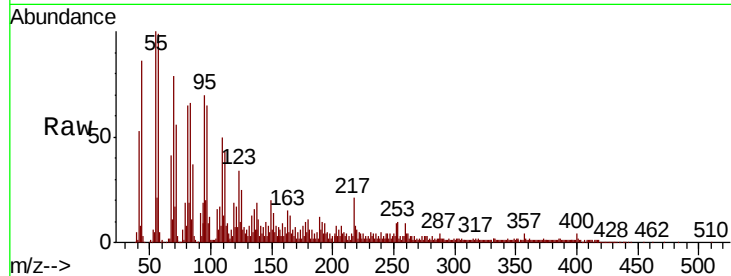
ClientSampleId :

CPSB-13(10-15)

Tot Ion:	252	Resp:	18350
Ion Ratio	Lower	Upper	
252	100		
253	114.4	17.0	25.6#
125	287.3	7.1	10.7#

Manual Integrations
APPROVED

Sohil
1/14/2019 4:10:44 PM



#89

Benzo(k)fluoranthene

Concen: 6.525 ng m

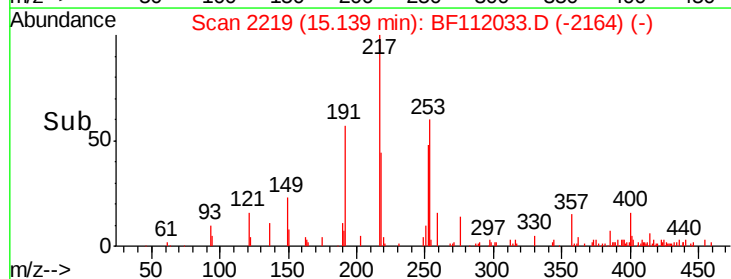
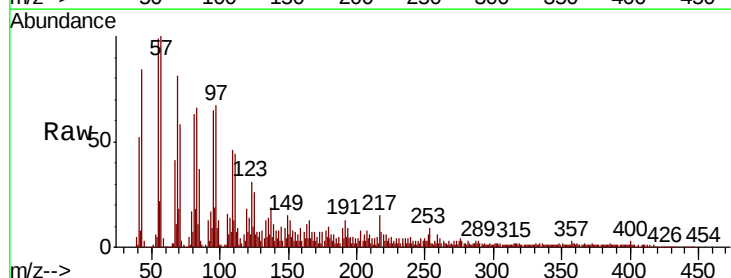
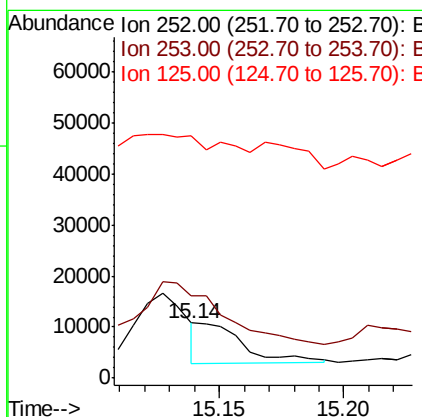
RT: 15.14 min Scan# 2219

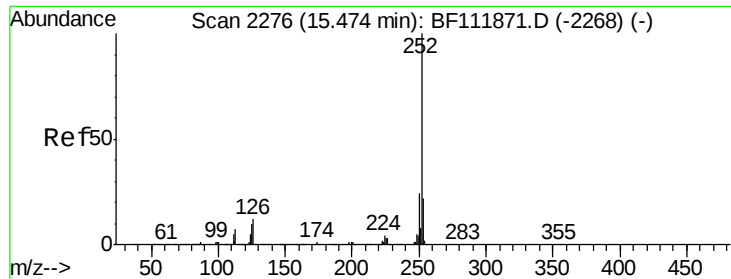
Delta R.T. 0.02 min

Lab File: BF112033.D

Acq: 11 Jan 2019 23:22

Tgt Ion:	252	Resp:	9884
Ion Ratio	Lower	Upper	
252	100		
253	149.3	17.8	26.6#
125	440.2	7.0	10.4#





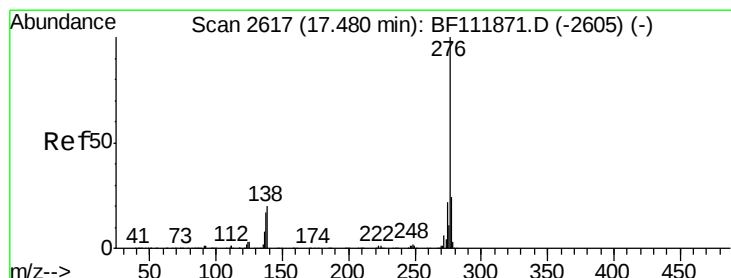
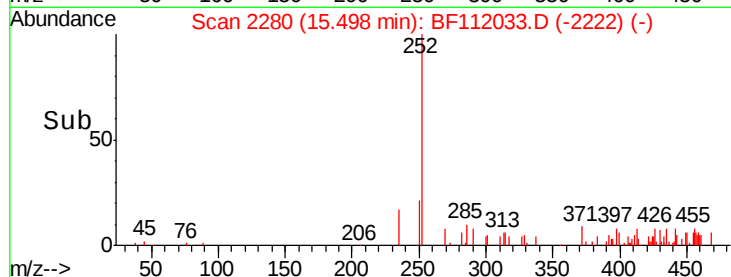
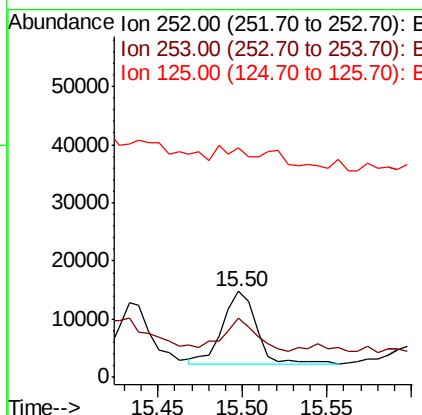
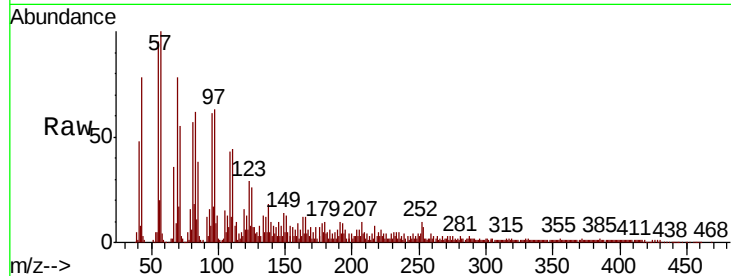
#90
Benzo(a)pyrene
Concen: 12.172 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.04 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Instrument :
BNA_F
ClientSampleId :
CPSB-13(10-15)

Tot Ion	Ratio	Lower	Upper
252	100		
253	68.6	17.4	26.2#
125	267.5	7.9	11.9#

Manual Integrations
APPROVED

Sohil
1/14/2019 4:10:44 PM



#92
Benzo(g,h,i)perylene
Concen: 7.595 ng
RT: 17.52 min Scan# 2623
Delta R.T. 0.05 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	51.5	19.0	28.6#
138	87.4	16.2	24.2#

