

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112032.D
 Acq On : 11 Jan 2019 22:55
 Operator : JU/SJ
 Sample : K1102-03 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-02(15-20)

Manual Integrations
 APPROVED

Sohil
 1/14/2019 4:10:42 PM

Quant Time: Jan 12 01:55:35 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	17771	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	59672	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	27863	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	45008	20.00	ng	0.01
76) Chrysene-d12	14.07	240	30280	20.00	ng	0.02
87) Perylene-d12	15.56	264	30458	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	107234	103.23	ng	0.00
7) Phenol-d6	6.52	99	136337	101.83	ng	0.00
23) Nitrobenzene-d5	7.43	82	77824	69.70	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	30968	85.45	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	144863	75.81	ng	0.00
79) Terphenyl-d14	13.00	244	130064	81.54	ng	0.02
Target Compounds						
38) 1-Methylnaphthalene	8.97	142	9935	5.901	ng	Qvalue # 91
50) Dimethylphthalate	9.62	163	37935	18.124	ng	# 87
52) Acenaphthene	9.95	154	129685	74.385	ng	98
55) Dibenzofuran	10.12	168	79868	31.500	ng	# 94
58) Fluorene	10.46	166	116446	63.116	ng	# 94
71) Phenanthrene	11.43	178	111597	46.376	ng	# 89
72) Anthracene	11.49	178	58613	23.994	ng	# 82
75) Fluoranthene	12.63	202	158894	64.321	ng	91
78) Pyrene	12.87	202	132597m	63.643	ng	
81) Benzo(a)anthracene	14.06	228	32463	18.628	ng	# 64
83) Chrysene	14.09	228	32324	19.454	ng	# 66
84) Bis(2-ethylhexyl)phthalate	14.03	149	71942	62.192	ng	# 78
86) Indeno(1,2,3-cd)pyrene	17.06	276	10398	8.584	ng	# 85
88) Benzo(b)fluoranthene	15.12	252	23090m	12.673	ng	
89) Benzo(k)fluoranthene	15.14	252	9385m	5.480	ng	
90) Benzo(a)pyrene	15.49	252	14855	9.273	ng	# 1
92) Benzo(a,h,i)perylene	17.51	276	10115	8.026	ng	# 4

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

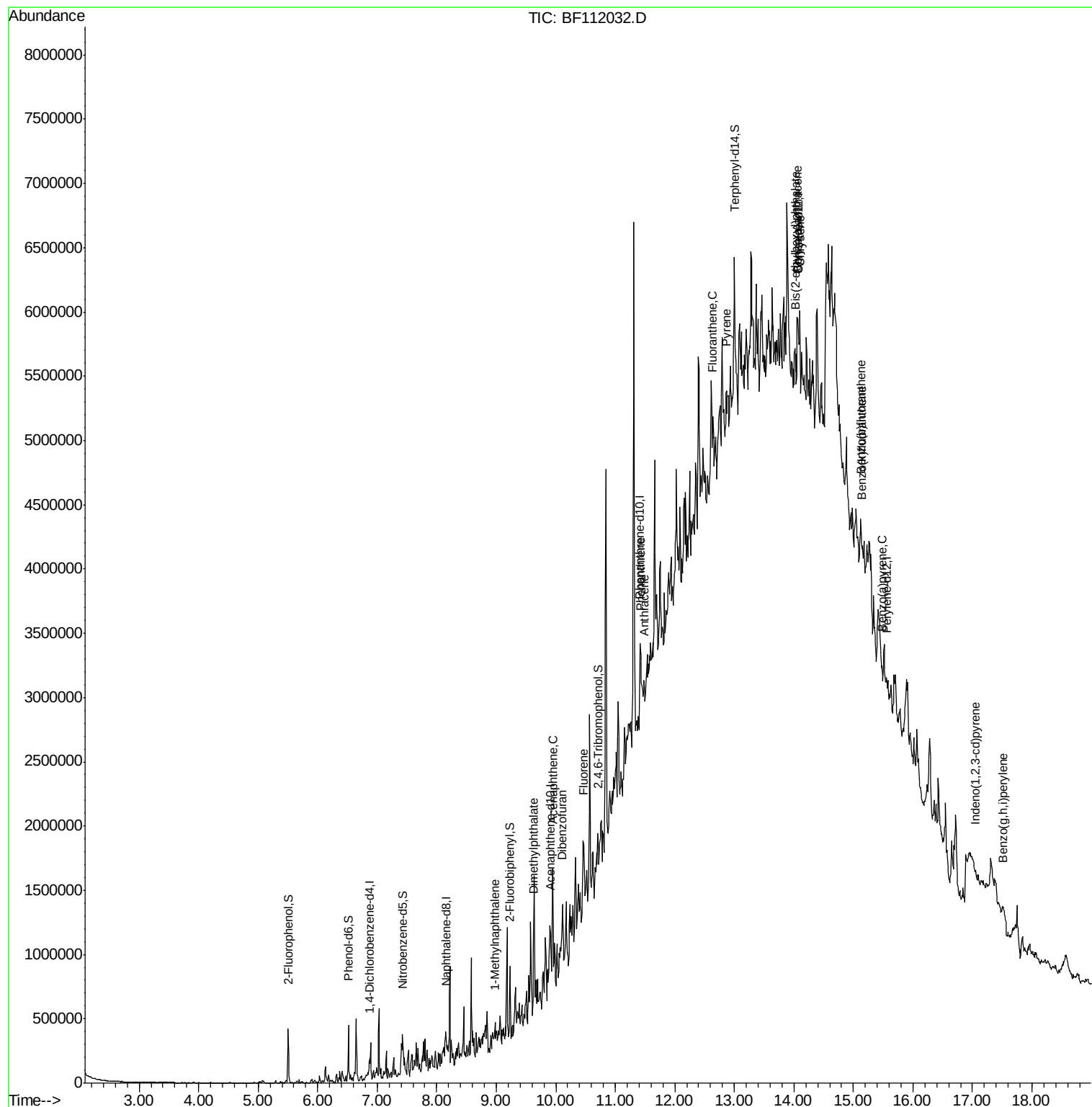
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112032.D
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ALS Vial : 25 Sample Multiplier: 1

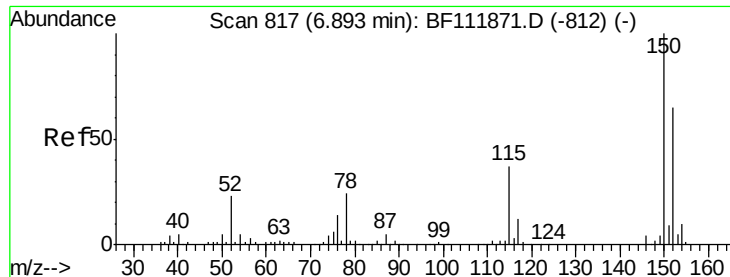
Instrument :
BNA_F
ClientSampled :
CPSB-02(15-20)

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Quant Time: Jan 12 01:55:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

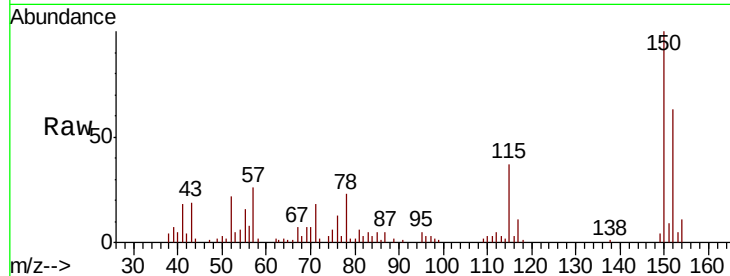
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF112032.D
Acq: 11 Jan 2019 22:55

Instrument :
BNA_F
ClientSampleId :
CPSB-02(15-20)

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	122.7	184.1
115	58.3	45.2	67.8

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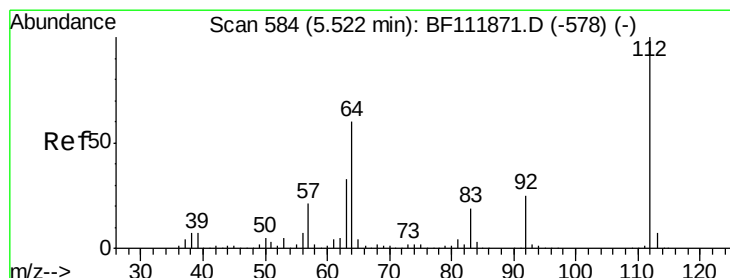
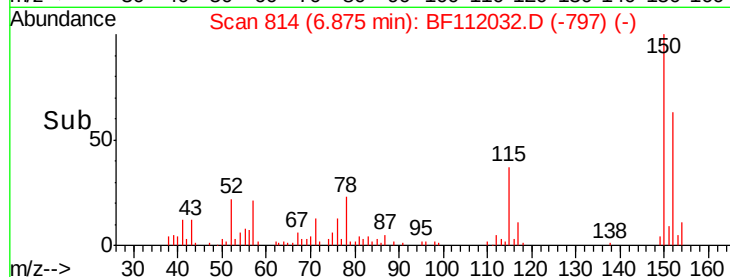
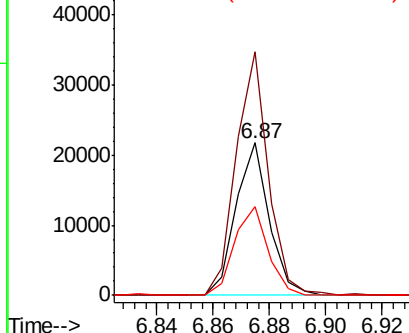


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

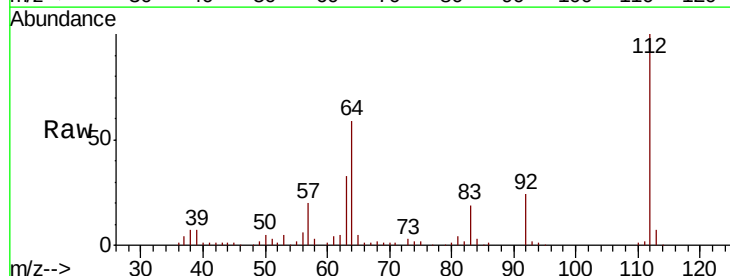
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 103.234 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF112032.D
Acq: 11 Jan 2019 22:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	48.3	72.5
63	33.2	26.1	39.1

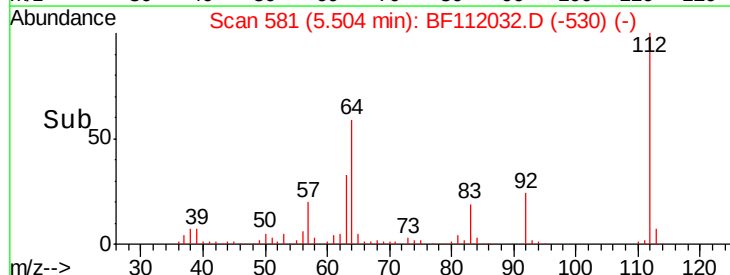
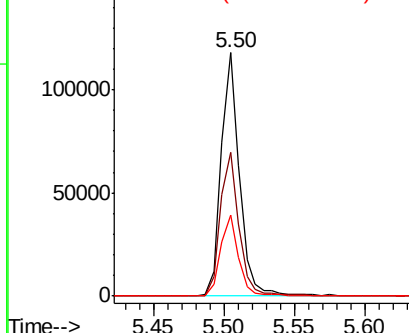


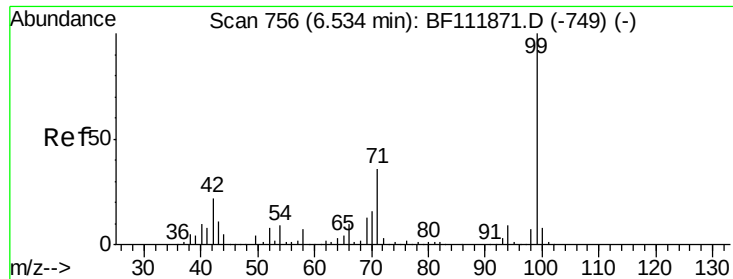
Abundance

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





#7

Phenol-d6

Concen: 101.834 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF112032.D

Acq: 11 Jan 2019 22:55

Instrument :

BNA_F

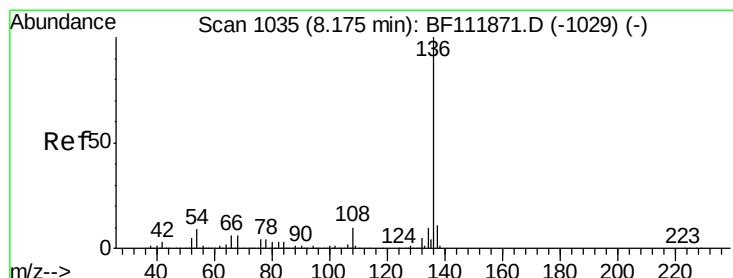
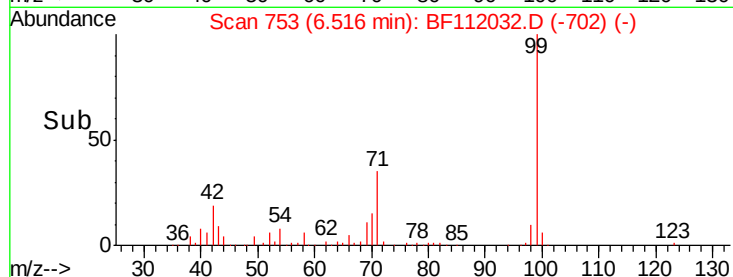
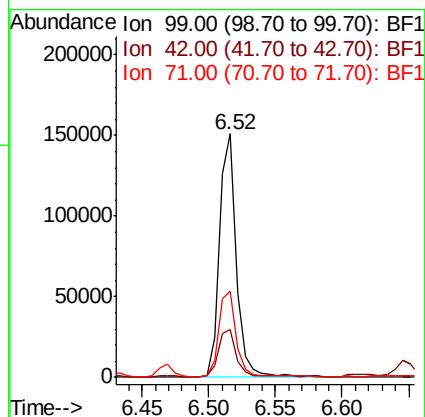
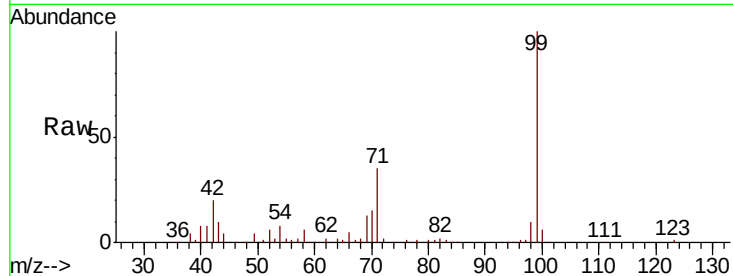
ClientSampleId :

CPSB-02(15-20)

Tot Ion:	99	Resp:	136337
Ion Ratio	Lower	Upper	
99	100		
42	19.7	17.9	26.9
71	35.5	28.7	43.1

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#21

Naphthalene-d8

Concen: 20.000 ng

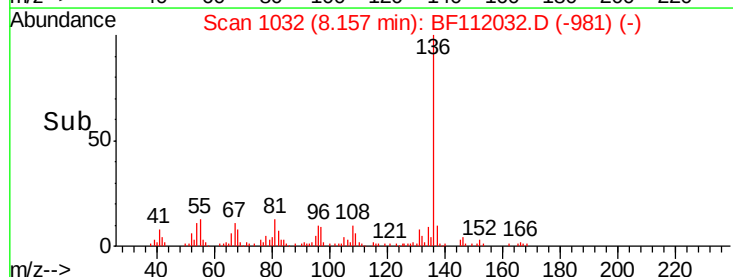
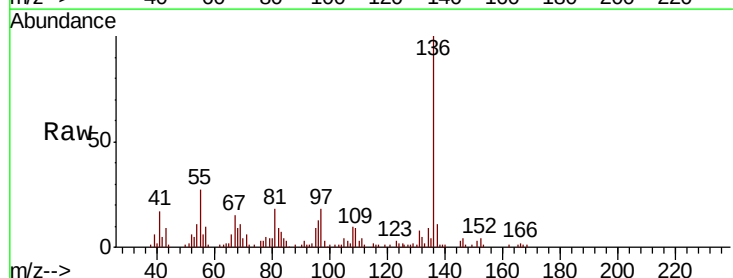
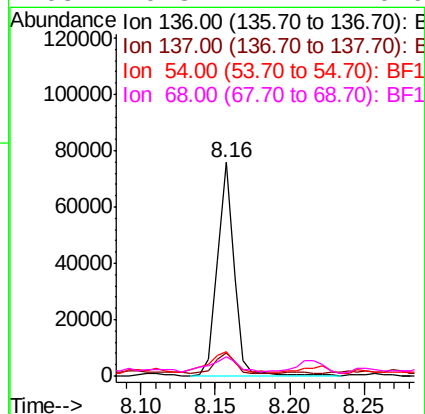
RT: 8.16 min Scan# 1032

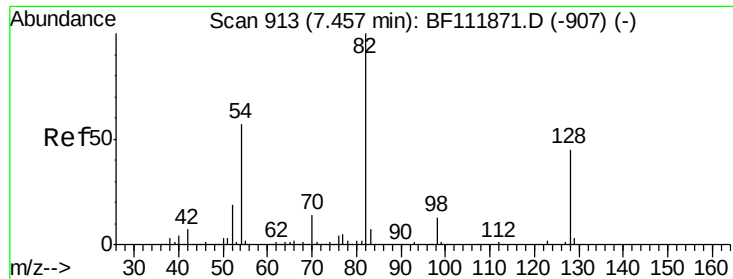
Delta R.T. -0.00 min

Lab File: BF112032.D

Acq: 11 Jan 2019 22:55

Tgt Ion:	136	Resp:	59672
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.1	13.7
54	11.4	7.2	10.8#
68	9.3	4.4	6.6#





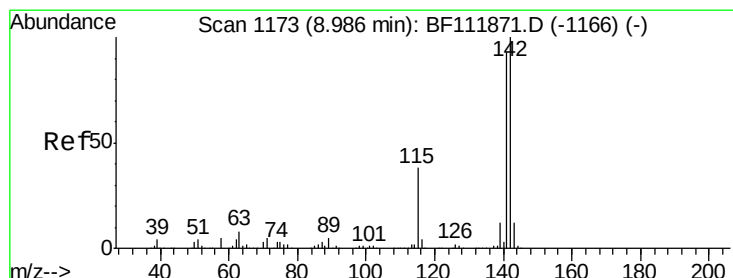
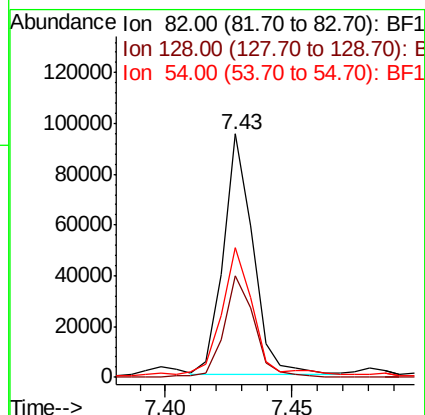
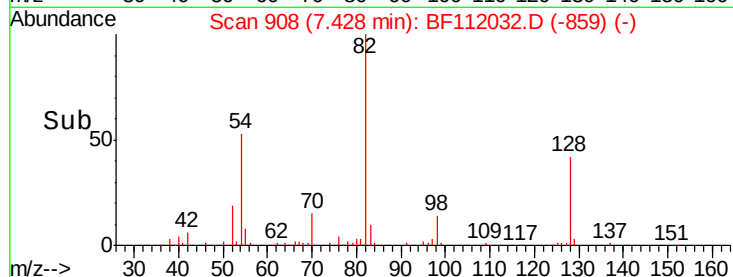
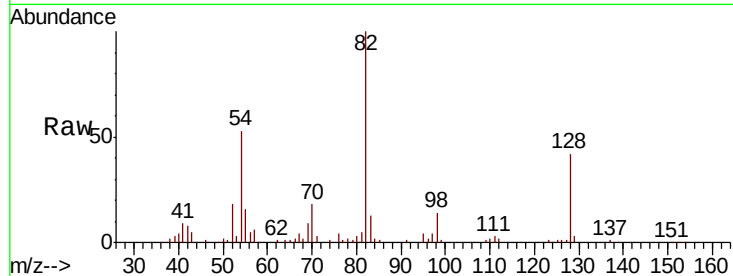
#23
 Nitrobenzene-d5
 Concen: 69.703 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF112032.D
 Acq: 11 Jan 2019 22:55

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-02(15-20)

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.9	35.7	53.5
54	53.1	45.8	68.8

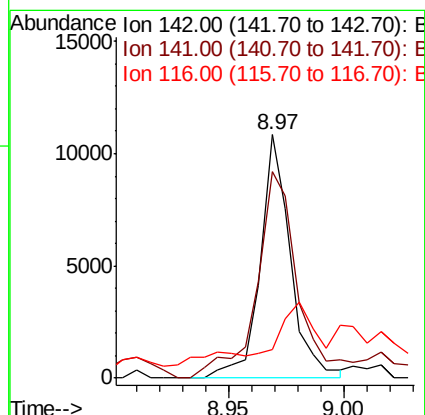
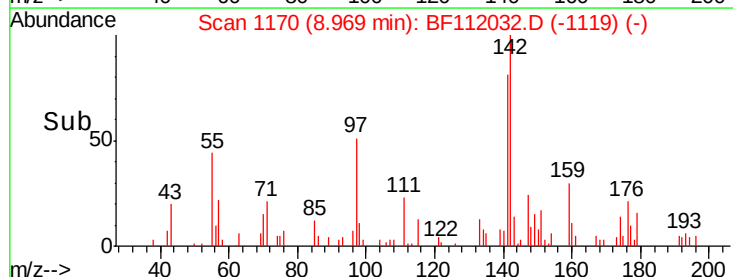
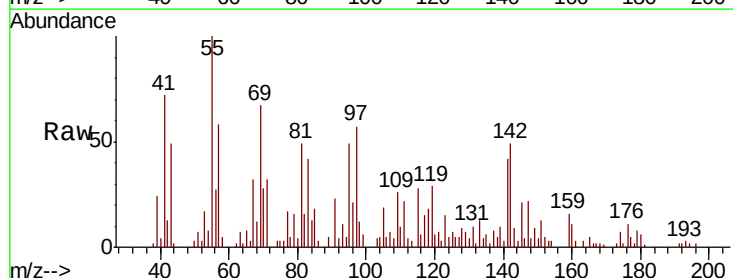
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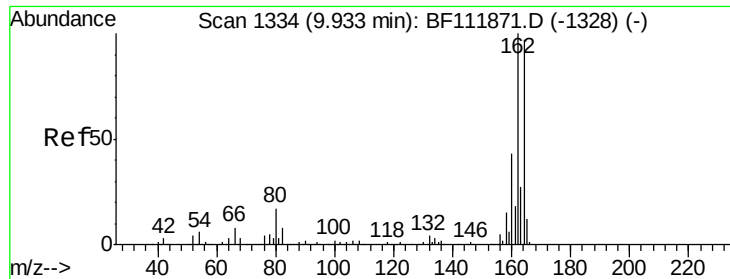
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#38
 1-Methylnaphthalene
 Concen: 5.901 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF112032.D
 Acq: 11 Jan 2019 22:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.0	74.8	112.2
116	12.0	3.1	4.7#





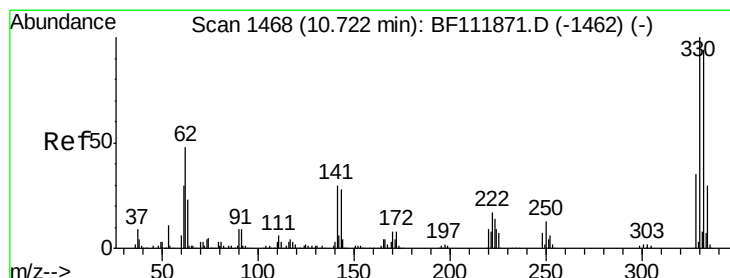
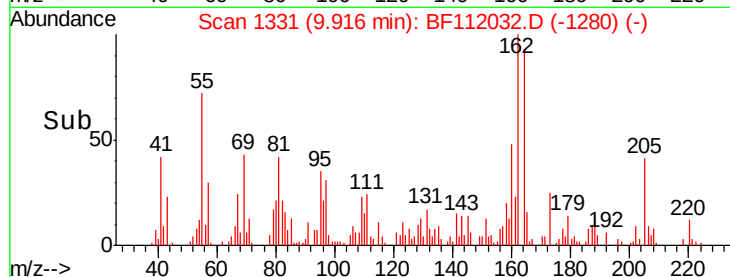
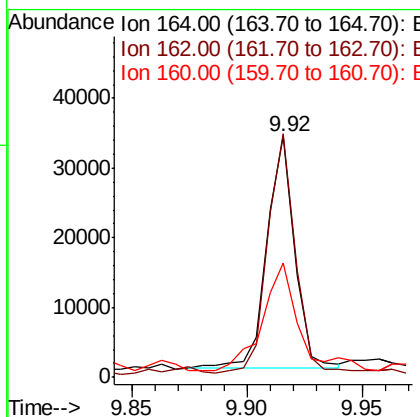
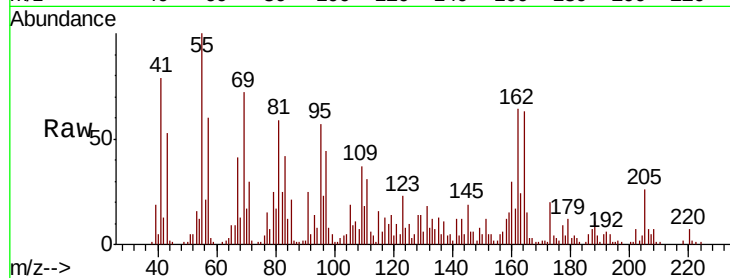
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF112032.D
Acq: 11 Jan 2019 22:55

Instrument :
BNA_F
ClientSampleId :
CPSB-02(15-20)

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.2	123.2
160	47.5	35.5	53.3

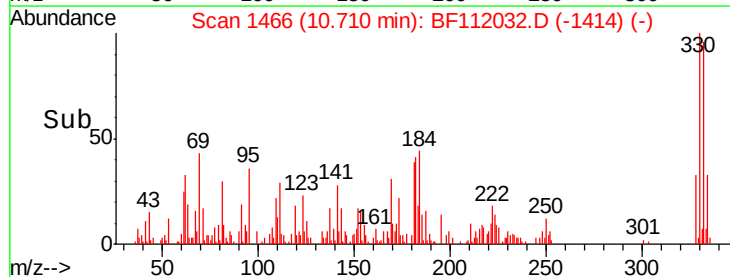
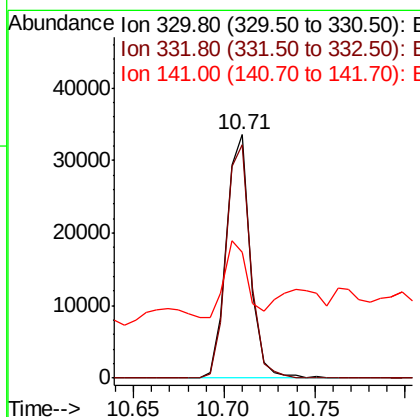
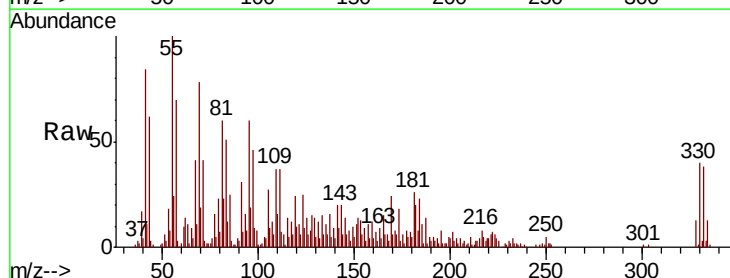
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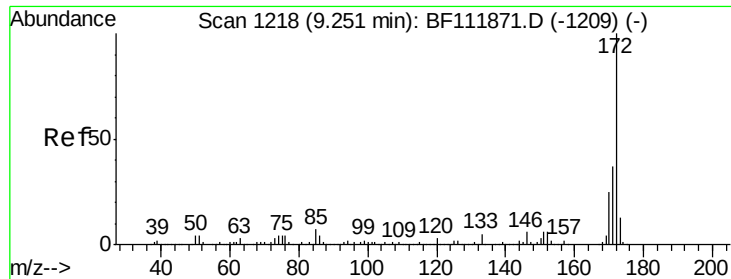
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#42
2,4,6-Tribromophenol
Concen: 85.449 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.01 min
Lab File: BF112032.D
Acq: 11 Jan 2019 22:55

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.9	115.3
141	29.4	23.7	35.5





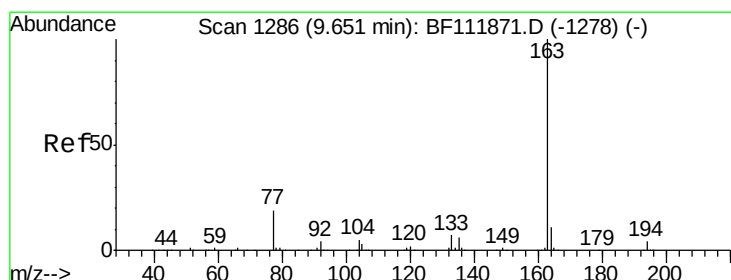
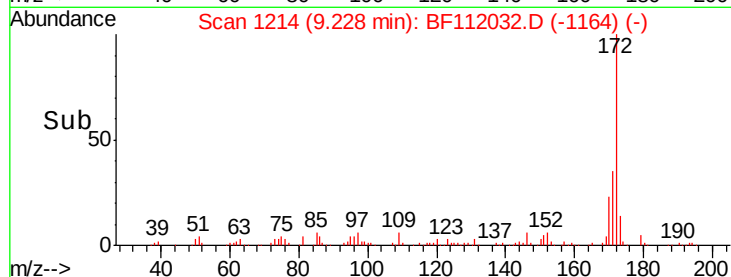
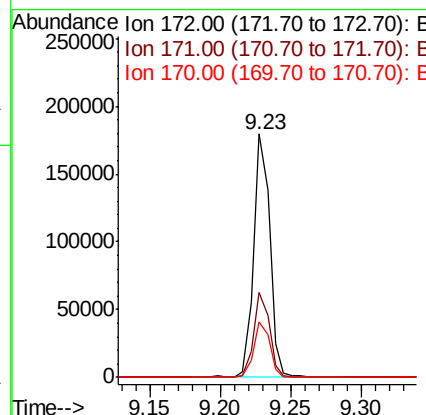
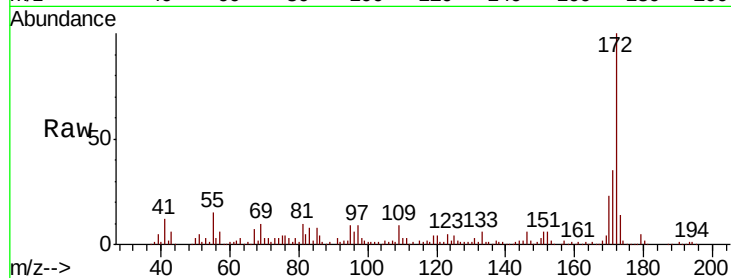
#45
2-Fluorobiphenyl
Concen: 75.814 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF112032.D
Acq: 11 Jan 2019 22:55

Instrument :
BNA_F
ClientSampleId :
CPSB-02(15-20)

Tot Ion:	172	Resp:	144863
Ion Ratio	Lower	Upper	
172	100		
171	34.7	29.6	44.4
170	22.7	19.8	29.8

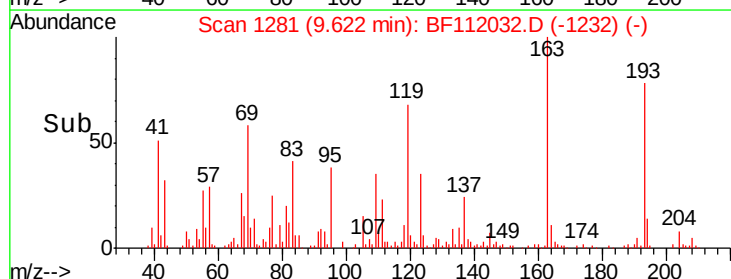
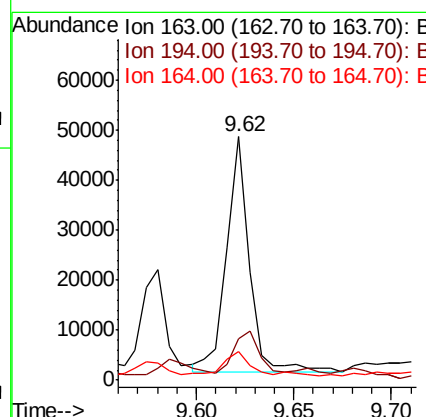
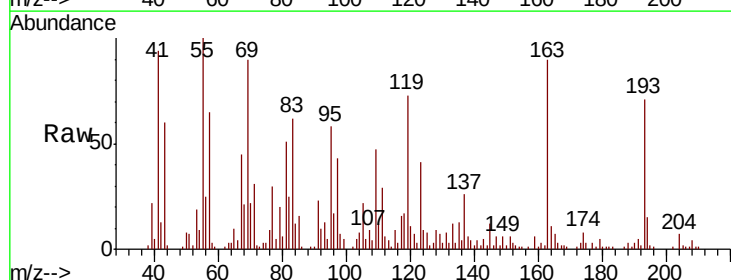
Manual Integrations
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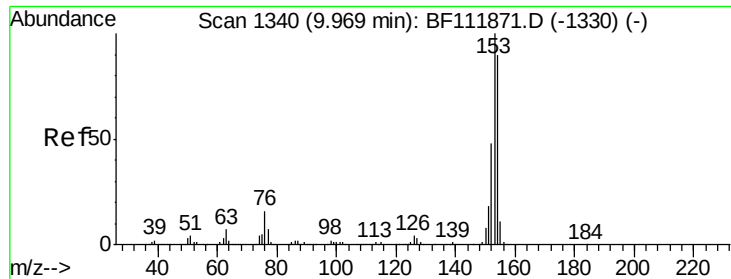
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#50
Dimethylphthalate
Concen: 18.124 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF112032.D
Acq: 11 Jan 2019 22:55

Tgt Ion:	163	Resp:	37935
Ion Ratio	Lower	Upper	
163	100		
194	17.1	3.4	5.2#
164	11.7	8.5	12.7





#52

Acenaphthene

Concen: 74.385 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF112032.D

Acq: 11 Jan 2019 22:55

Instrument :

BNA_F

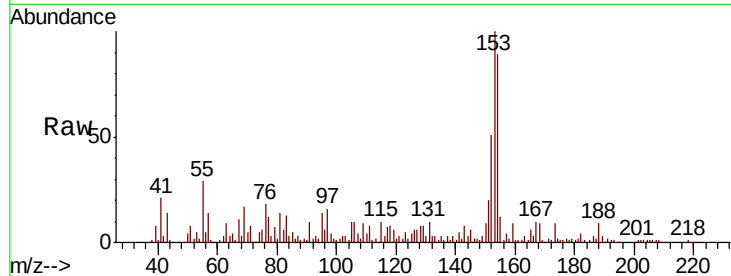
ClientSampleId :

CPSB-02(15-20)

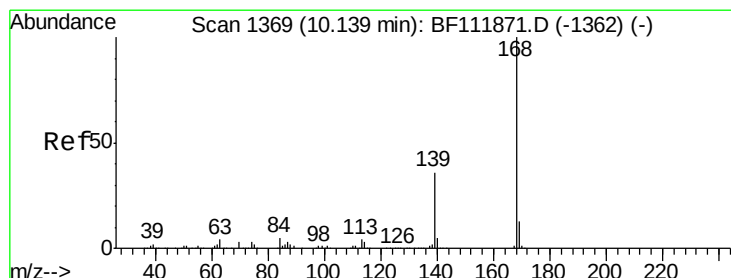
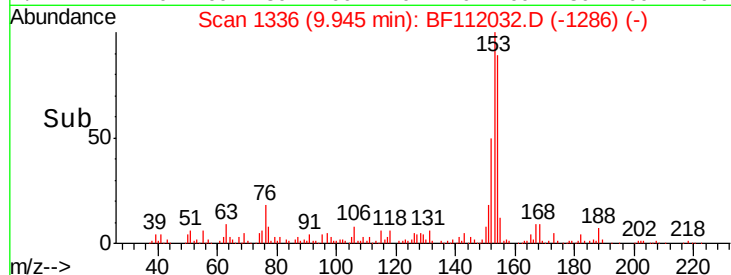
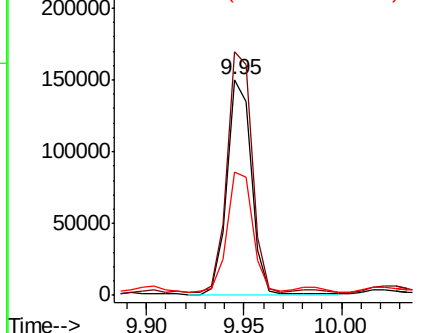
Tot Ion:	154	Resp:	129685
Ion Ratio	Lower	Upper	
154	100		
153	112.9	89.4	134.0
152	57.5	43.1	64.7

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#55

Dibenzofuran

Concen: 31.500 ng

RT: 10.12 min Scan# 1366

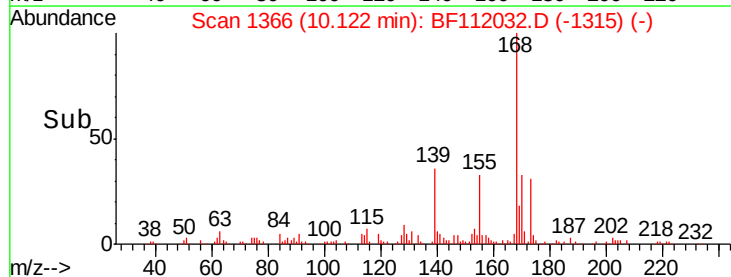
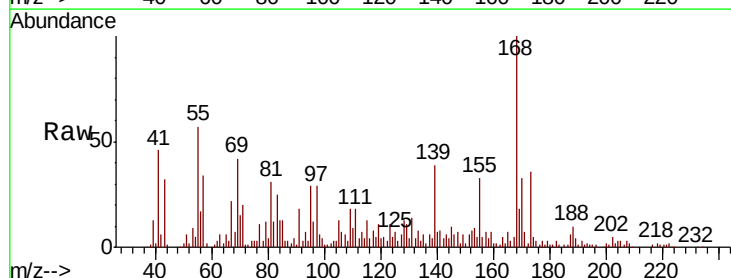
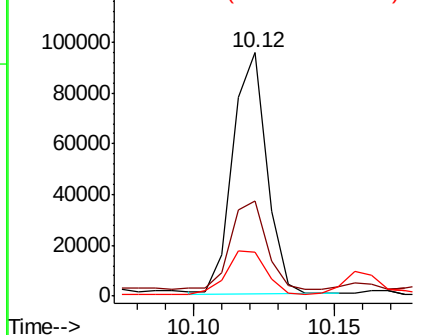
Delta R.T. -0.00 min

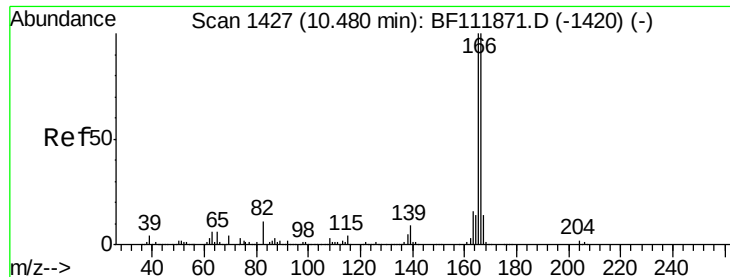
Lab File: BF112032.D

Acq: 11 Jan 2019 22:55

Tgt Ion:	168	Resp:	79868
Ion Ratio	Lower	Upper	
168	100		
139	38.8	29.3	43.9
169	18.2	10.6	16.0#

Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





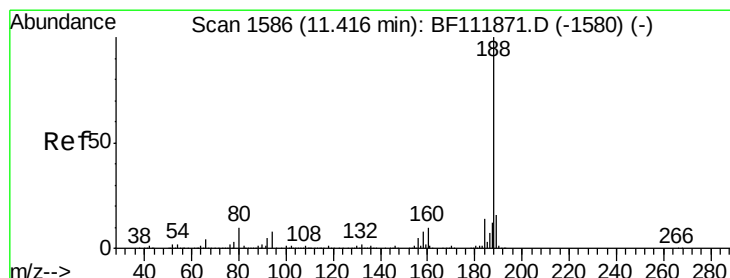
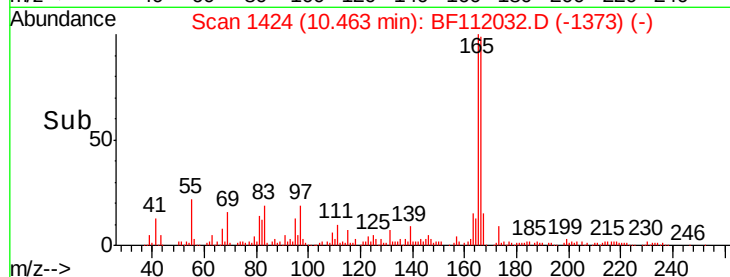
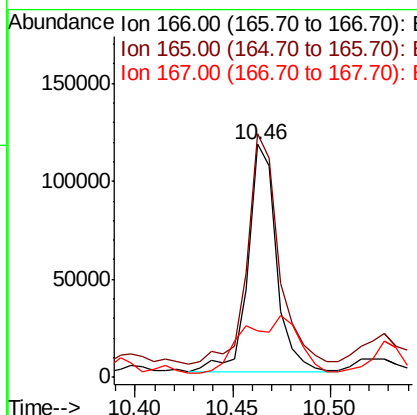
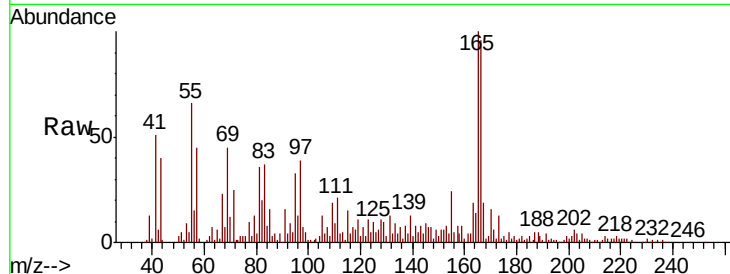
#58
 Fluorene
 Concen: 63.116 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.00 min
 Lab File: BF112032.D
 Acq: 11 Jan 2019 22:55

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-02(15-20)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	104.4	79.7	116446	119.5	
167	19.9	11.1	16.7#		

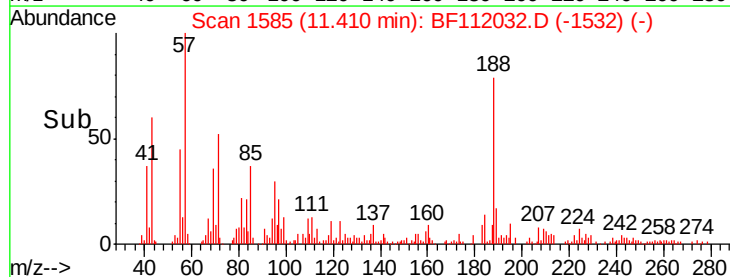
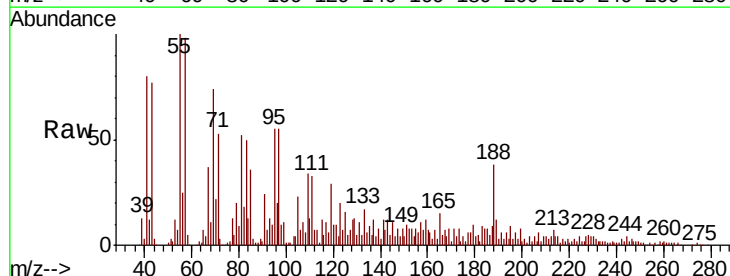
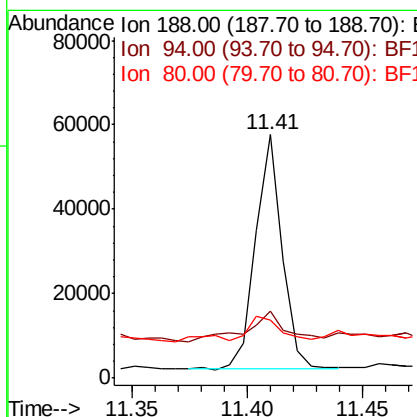
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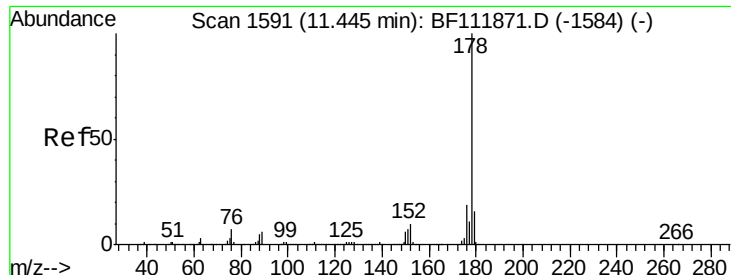
Sohil
 1/14/2019 4:10:42 PM



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: BF112032.D
 Acq: 11 Jan 2019 22:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	27.5	6.6	45008	10.0#	
80	23.6	7.7	11.5#		





#71

Phenanthrene

Concen: 46.376 ng

RT: 11.43 min Scan# 1589

Delta R.T. 0.01 min

Lab File: BF112032.D

Acq: 11 Jan 2019 22:55

Instrument :

BNA_F

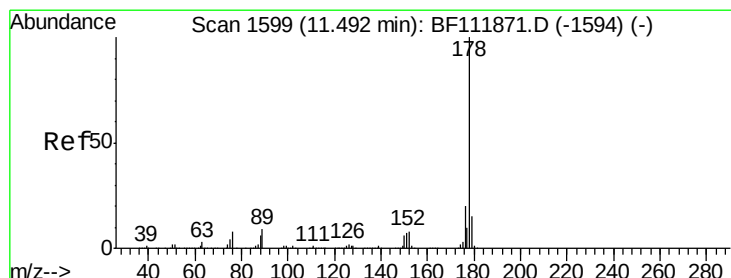
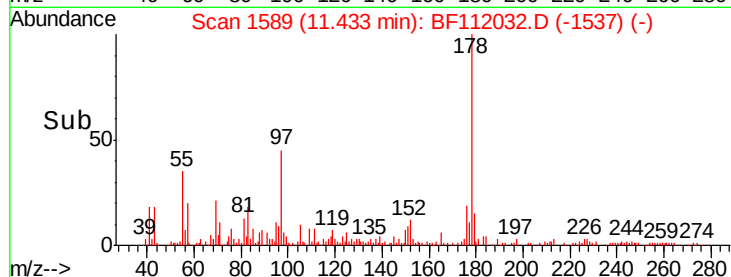
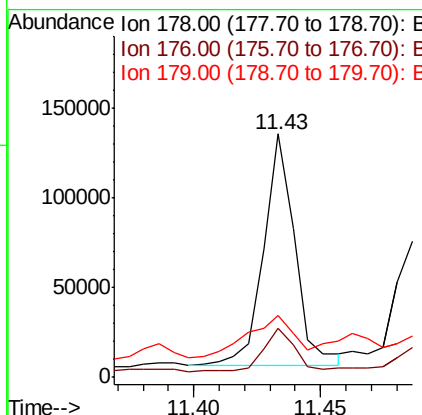
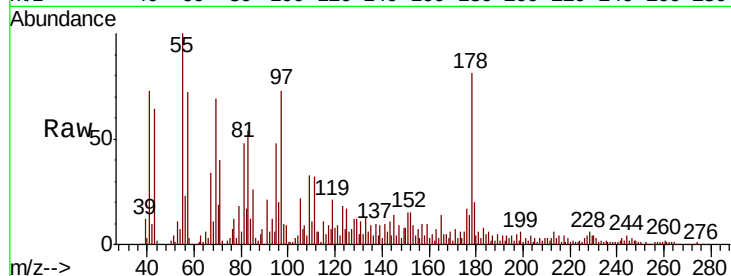
ClientSampleId :

CPSB-02(15-20)

Tot Ion:	178	Resp:	111597
Ion Ratio	Lower	Upper	
178	100		
176	20.4	15.6	23.4
179	25.2	12.6	18.8#

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#72

Anthracene

Concen: 23.994 ng

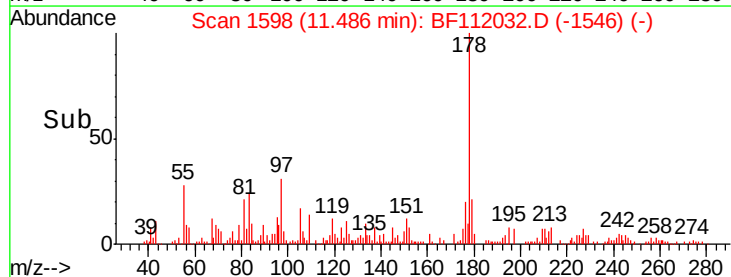
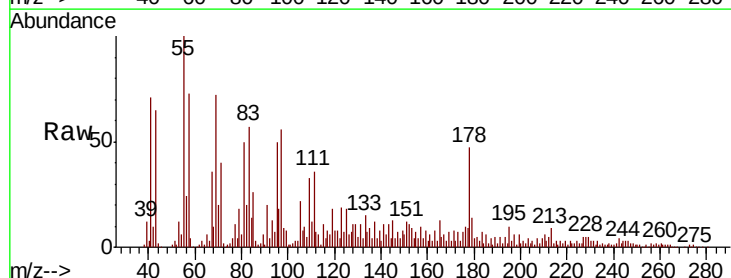
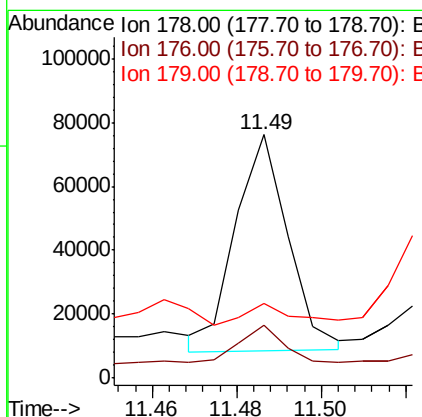
RT: 11.49 min Scan# 1598

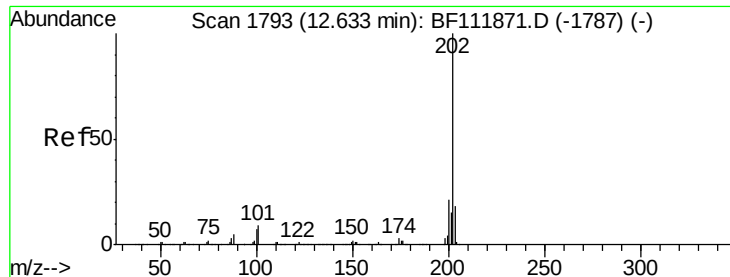
Delta R.T. 0.01 min

Lab File: BF112032.D

Acq: 11 Jan 2019 22:55

Tgt Ion:	178	Resp:	58613
Ion Ratio	Lower	Upper	
178	100		
176	21.5	15.7	23.5
179	30.5	12.4	18.6#





#75

Fluoranthene

Concen: 64.321 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.02 min

Lab File: BF112032.D

Acq: 11 Jan 2019 22:55

Instrument :

BNA_F

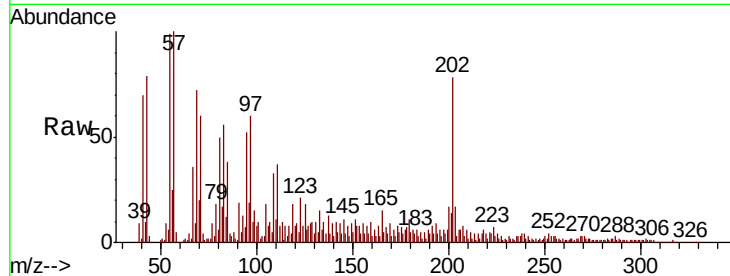
ClientSampled :

CPSB-02(15-20)

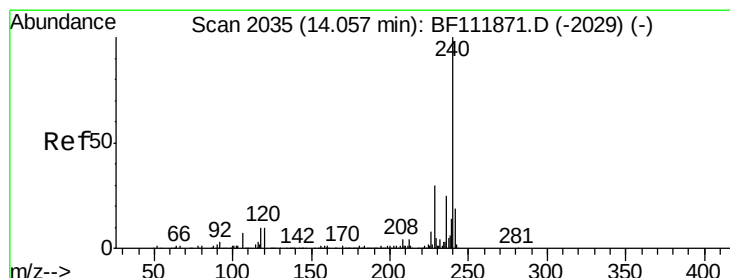
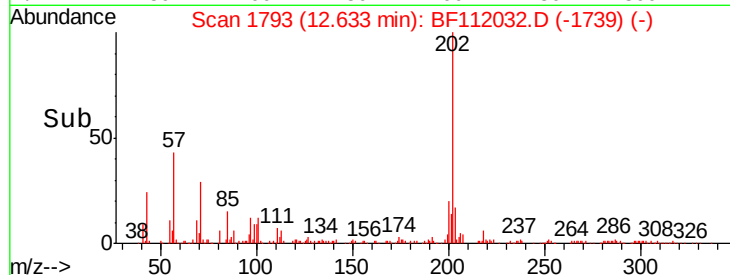
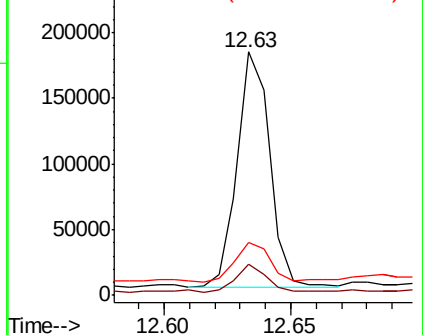
Tot Ion	Ratio	Resp	Lower	Upper
202	100			
101	12.7	0.0	29.3	
203	21.5	0.0	37.6	

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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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

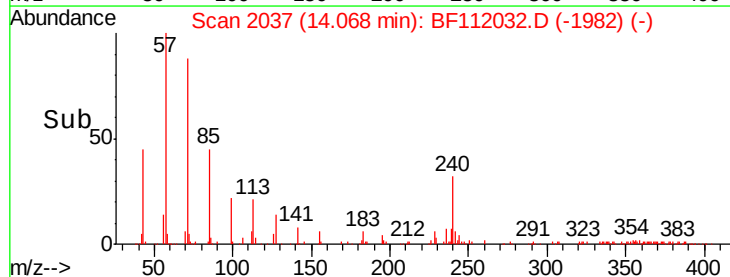
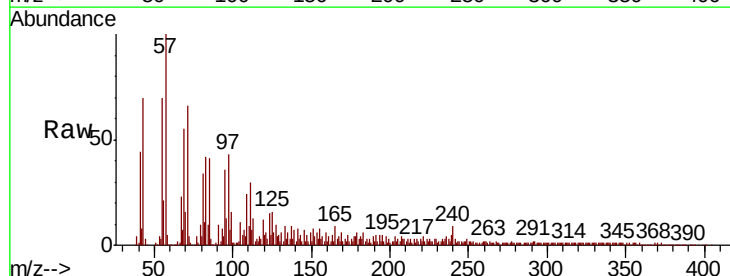
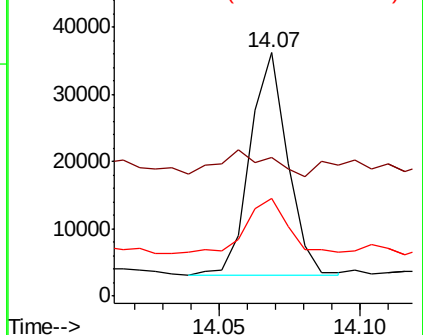
Delta R.T. 0.02 min

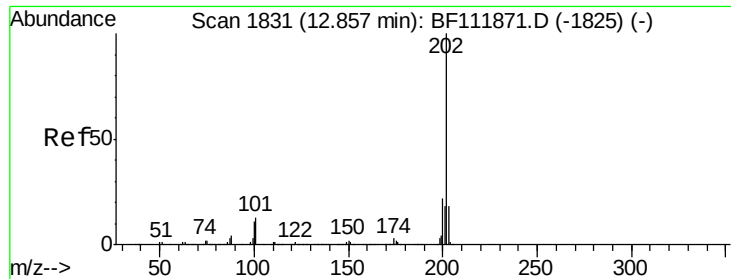
Lab File: BF112032.D

Acq: 11 Jan 2019 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
240	100			
120	57.1	8.2	12.2#	
236	40.3	20.2	30.4#	

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





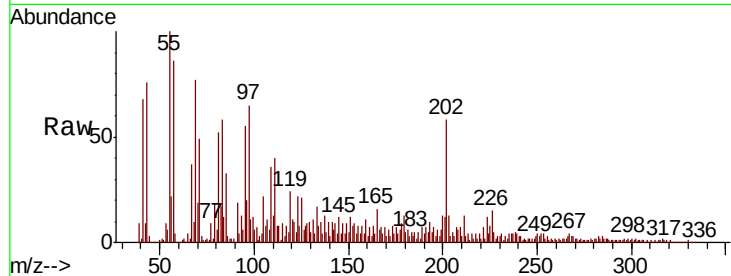
#78
Pvrene
Concen: 63.643 ng/mL
RT: 12.87 min Scan# 1831
Delta R.T. 0.02 min
Lab File: BF112032.D
Acq: 11 Jan 2019 22:55

Instrument :
BNA_F
ClientSampleId :
CPSB-02(15-20)

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.4	26.2
203	23.0	14.6	21.8

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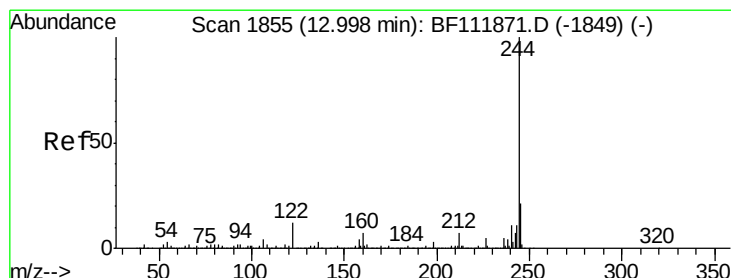
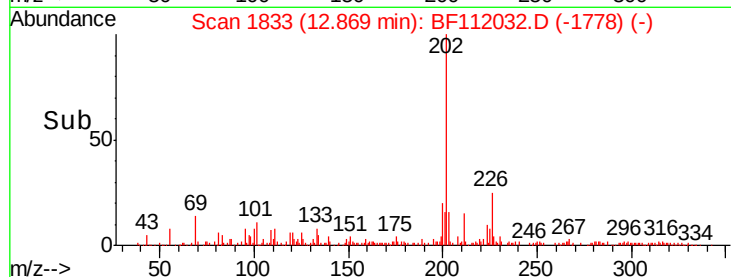
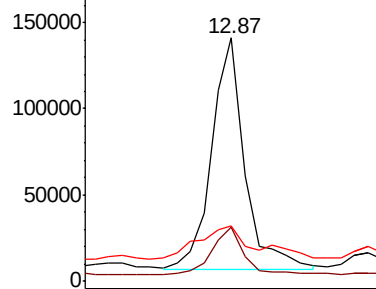


Abundance

Ion 202.00 (201.70 to 202.70): E

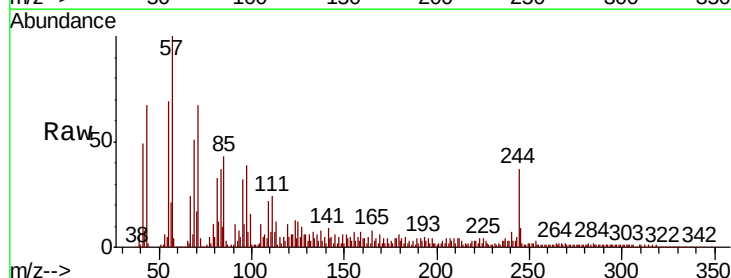
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 81.536 ng/mL
RT: 13.00 min Scan# 1856
Delta R.T. 0.02 min
Lab File: BF112032.D
Acq: 11 Jan 2019 22:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.7	5.8	8.8
122	16.2	9.5	14.3

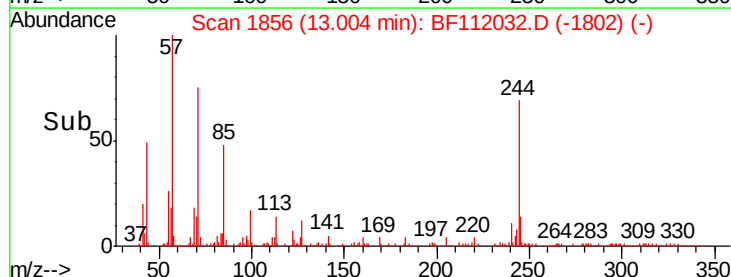
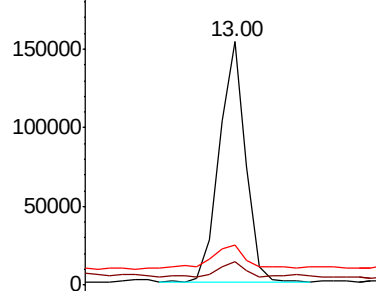


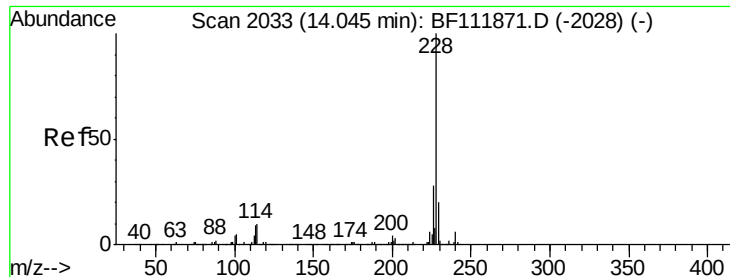
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





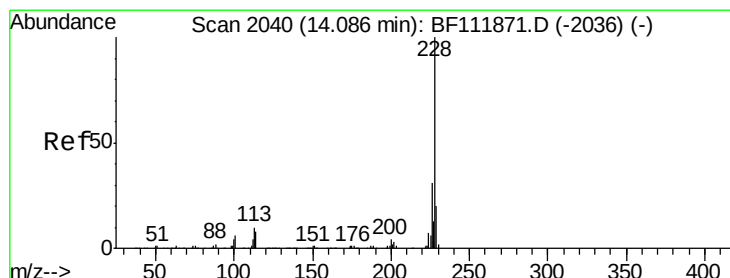
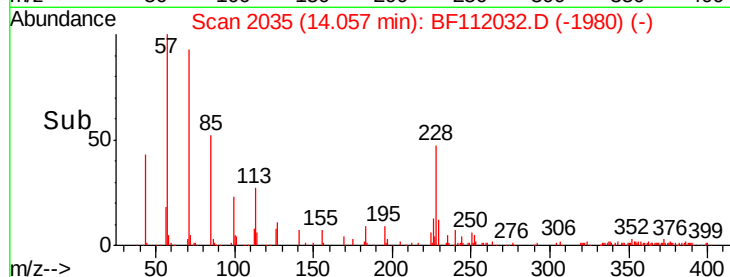
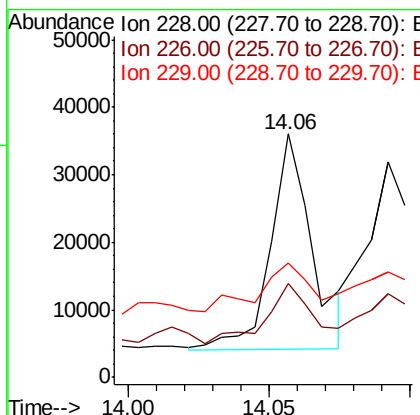
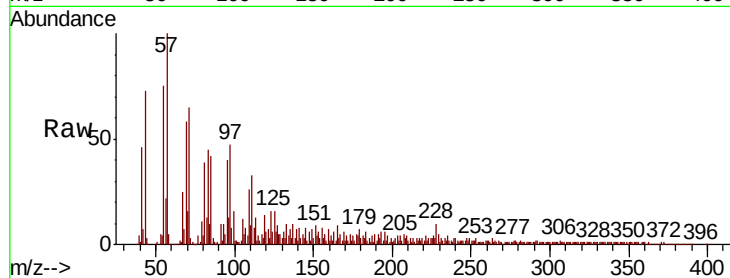
#81
Benzo(a)anthracene
Concen: 18.628 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.02 min
Lab File: BF112032.D
Acq: 11 Jan 2019 22:55

Instrument :
BNA_F
ClientSampleId :
CPSB-02(15-20)

Tot Ion	Ratio	Lower	Upper
228	100		
226	38.7	22.2	33.2#
229	46.7	16.2	24.2#

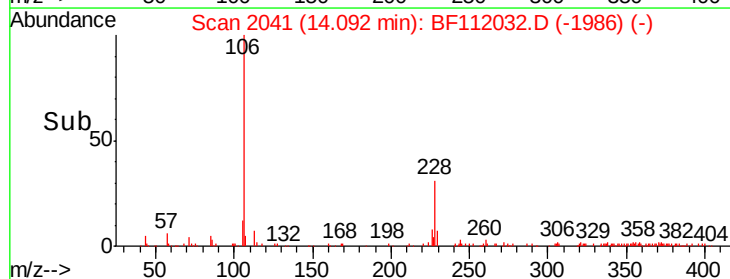
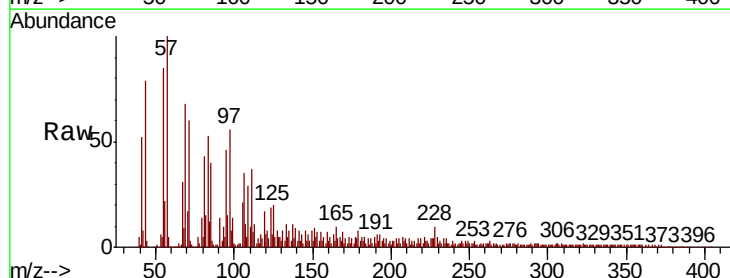
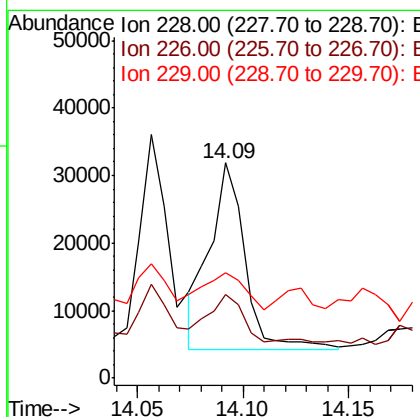
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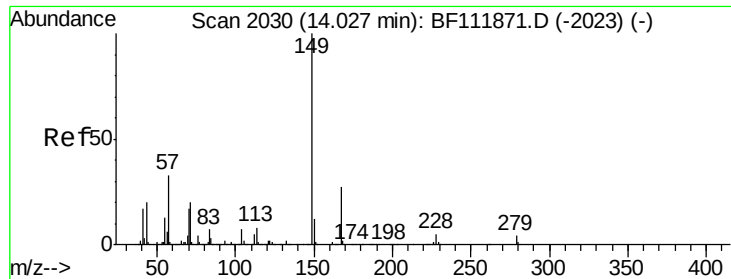
Sohil
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#83
Chrysene
Concen: 19.454 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.02 min
Lab File: BF112032.D
Acq: 11 Jan 2019 22:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	38.9	24.6	37.0#
229	48.8	15.7	23.5#





#84

Bis(2-ethylhexyl)phthalate

Concen: 62.192 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.02 min

Lab File: BF112032.D

Acq: 11 Jan 2019 22:55

Instrument :

BNA_F

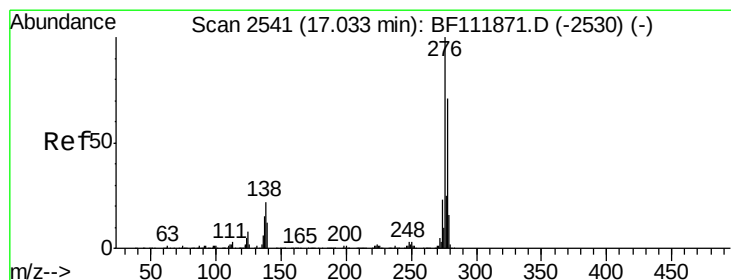
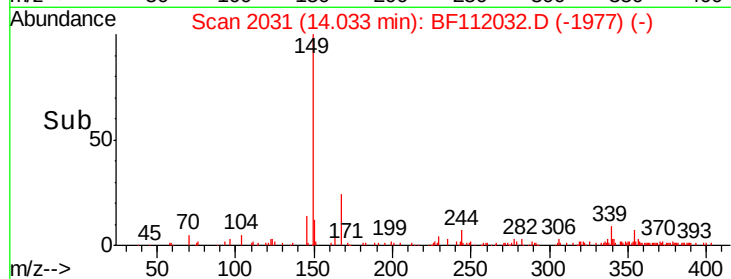
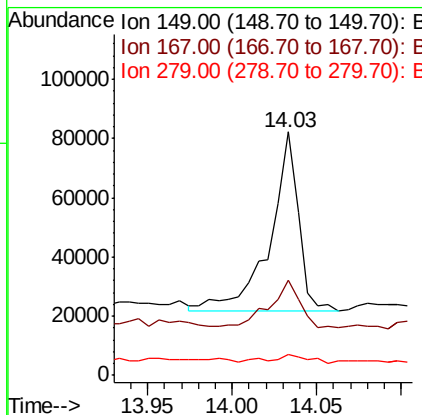
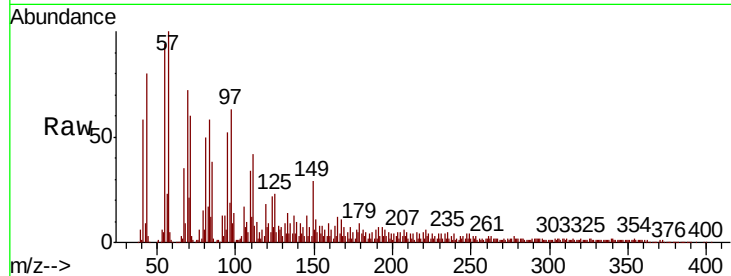
ClientSampleId :

CPSB-02(15-20)

Tot Ion:	149	Resp:	71942
Ion Ratio	Lower	Upper	
149	100		
167	39.0	21.5	32.3#
279	8.4	3.0	4.6#

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#86

Indeno(1,2,3-cd)pyrene

Concen: 8.584 ng

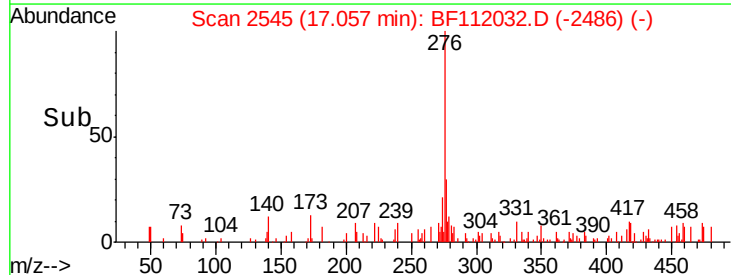
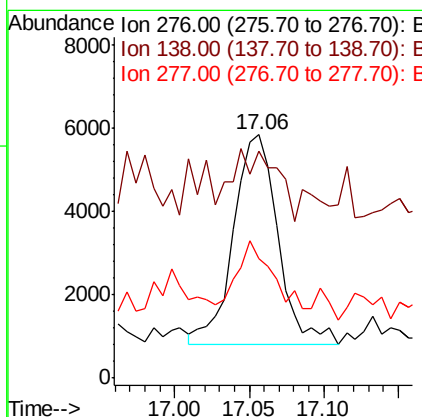
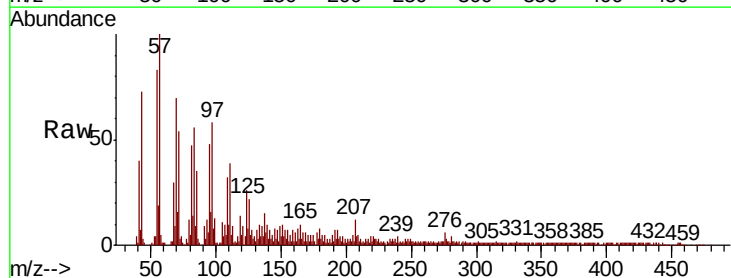
RT: 17.06 min Scan# 2545

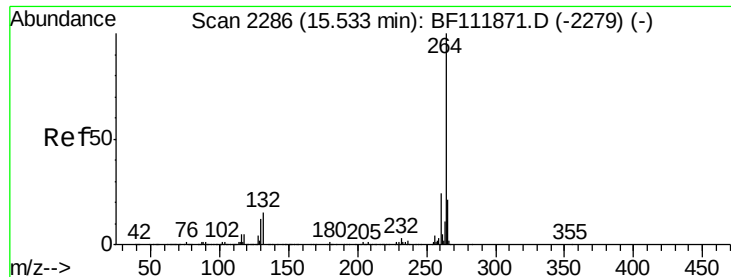
Delta R.T. 0.05 min

Lab File: BF112032.D

Acq: 11 Jan 2019 22:55

Tgt Ion:	276	Resp:	10398
Ion Ratio	Lower	Upper	
276	100		
138	10.7	18.1	27.1#
277	27.6	19.9	29.9





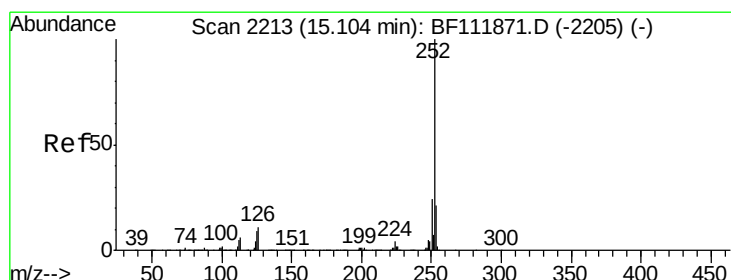
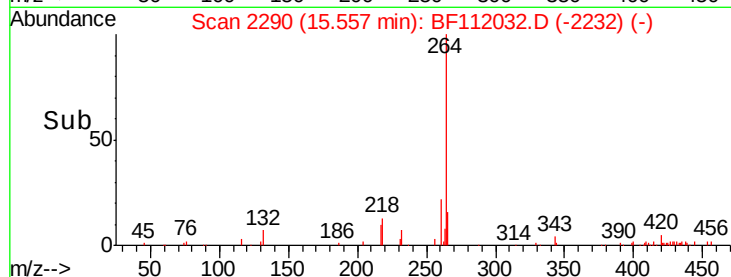
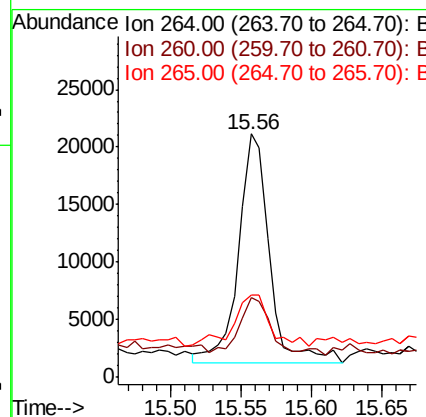
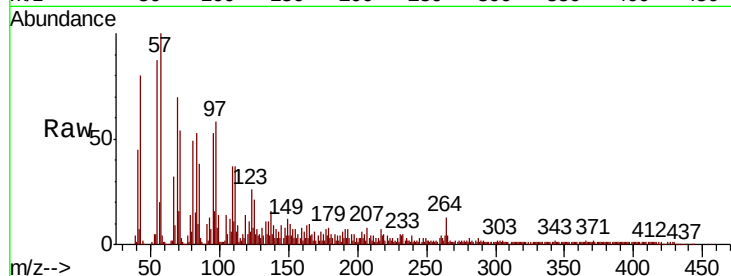
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.04 min
Lab File: BF112032.D
Acq: 11 Jan 2019 22:55

Instrument :
BNA_F
ClientSampleId :
CPSB-02(15-20)

Tot Ion	Ratio	Lower	Upper
264	100		
260	33.0	19.2	28.8#
265	34.1	17.1	25.7#

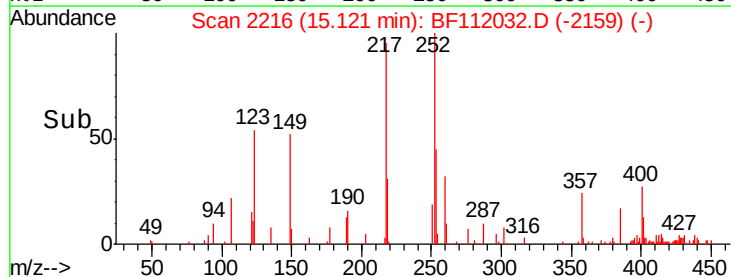
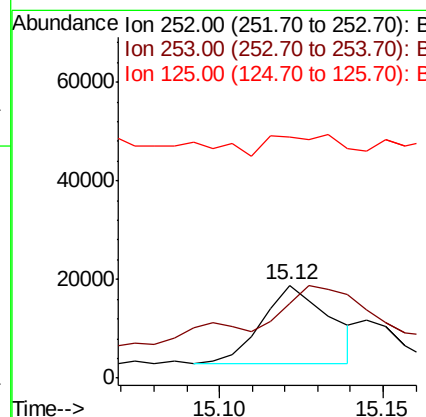
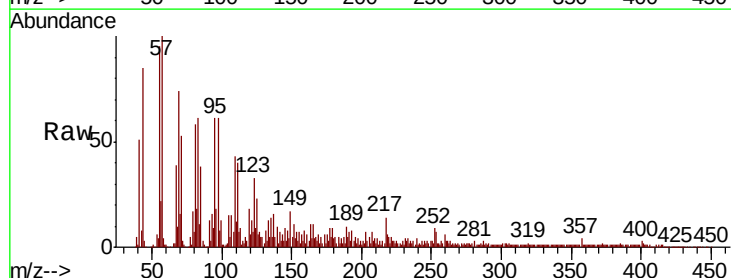
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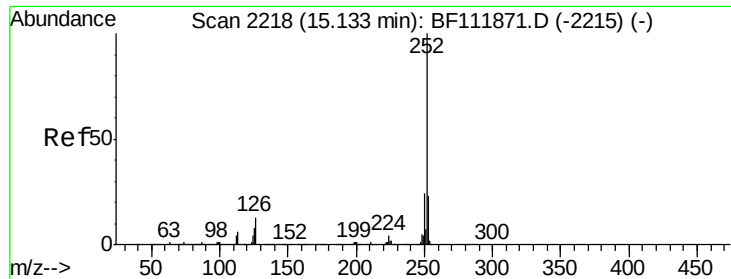
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#88
Benzo(b)fluoranthene
Concen: 12.673 ng m
RT: 15.12 min Scan# 2216
Delta R.T. 0.04 min
Lab File: BF112032.D
Acq: 11 Jan 2019 22:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	80.6	17.0	25.6#
125	260.1	7.1	10.7#





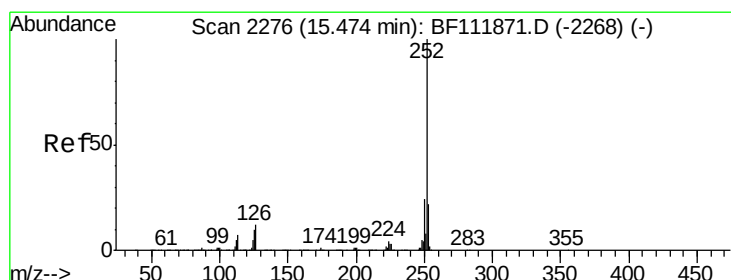
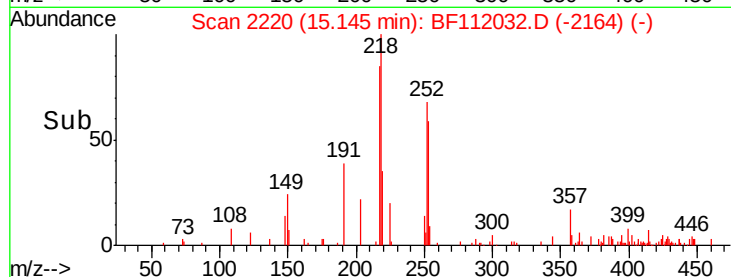
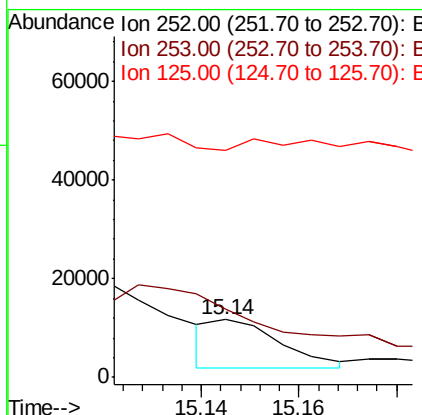
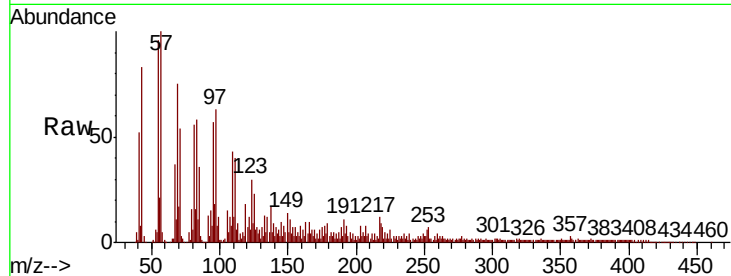
#89
Benzo(k)fluoranthene
Concen: 5.480 ng/mL
RT: 15.14 min Scan# 2220
Delta R.T. 0.03 min
Lab File: BF112032.D
Acq: 11 Jan 2019 22:55

Instrument :
BNA_F
ClientSampleId :
CPSB-02(15-20)

Tot Ion	Ratio	Lower	Upper
252	100		
253	119.0	17.8	26.6#
125	392.7	7.0	10.4#

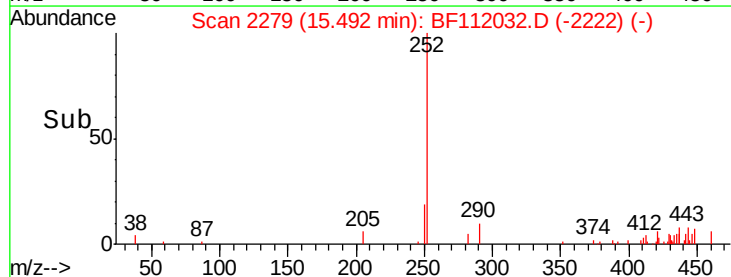
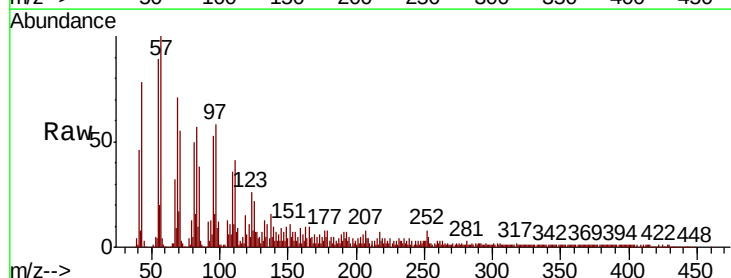
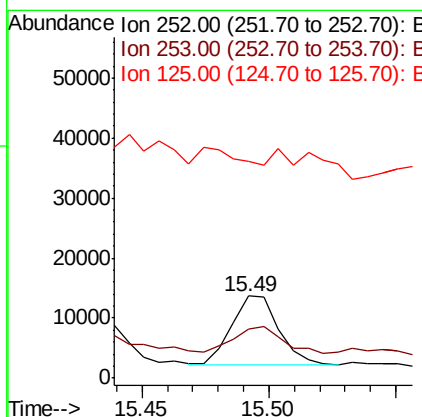
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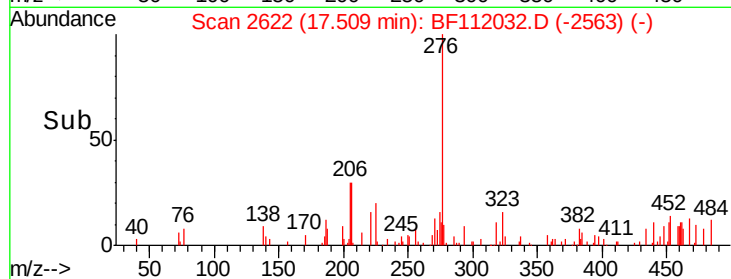
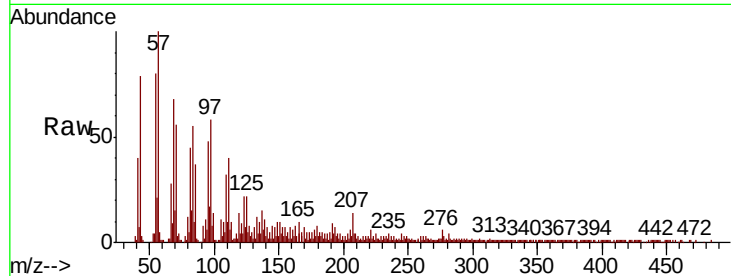
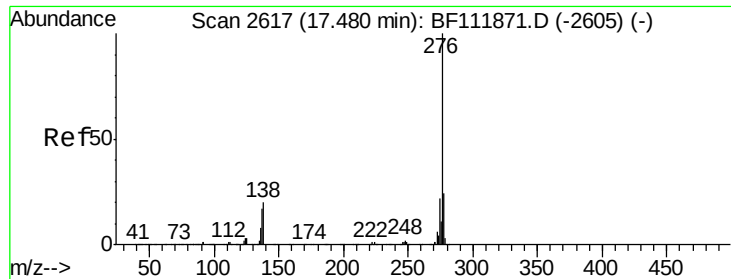
Sohil
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#90
Benzo(a)pyrene
Concen: 9.273 ng/mL
RT: 15.49 min Scan# 2279
Delta R.T. 0.04 min
Lab File: BF112032.D
Acq: 11 Jan 2019 22:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	60.6	17.4	26.2#
125	264.2	7.9	11.9#





#92

Benzo(a,h,i)perylene

Concen: 8.026 ng

RT: 17.51 min Scan# 2622

Delta R.T. 0.05 min

Lab File: BF112032.D

Acq: 11 Jan 2019 22:55

Instrument :
BNA_F

ClientSampleId :
CPSB-02(15-20)

Tot Ion	Ratio	Lower	Upper
276	100		
277	45.9	19.0	28.6#
138	92.7	16.2	24.2#

Manual Integrations
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Sohil
1/14/2019 4:10:42 PM

