

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112045.D
 Acq On : 12 Jan 2019 5:20
 Operator : JU/SJ
 Sample : K1071-05DL 20X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 1/14/2019 4:10:48 PM

Quant Time: Jan 14 11:24:32 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	9227	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	32229	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	16097	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	30211	20.00	ng	0.00
76) Chrysene-d12	14.04	240	23356	20.00	ng	0.00
87) Perylene-d12	15.52	264	18686	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	19166	35.54	ng	0.00
7) Phenol-d6	6.52	99	25968	37.36	ng	0.00
23) Nitrobenzene-d5	7.43	82	35926	59.58	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	5083	24.28	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	23302	21.11	ng	0.00
79) Terphenyl-d14	12.98	244	31761	25.81	ng	0.00
Target Compounds						
52) Acenaphthene	9.95	154	85876	85.261	ng	Qvalue 93
55) Dibenzofuran	10.12	168	95561	65.238	ng	# 83
58) Fluorene	10.46	166	103196	96.820	ng	96
71) Phenanthrene	11.42	178	323085	200.024	ng	99
72) Anthracene	11.47	178	47331	28.866	ng	98
75) Fluoranthene	12.62	202	176963	106.721	ng	99
78) Pyrene	12.84	202	128944	80.237	ng	98
81) Benzo(a)anthracene	14.03	228	30160	22.438	ng	# 86
83) Chrysene	14.07	228	27388	21.370	ng	# 87
84) Bis(2-ethylhexyl)phthalate	14.02	149	115322	129.248	ng	# 99
86) Indeno(1,2,3-cd)pyrene	17.02	276	7359	7.876	ng	# 94
88) Benzo(b)fluoranthene	15.09	252	17755m	15.884	ng	
89) Benzo(k)fluoranthene	15.12	252	5259m	5.005	ng	
90) Benzo(a)pyrene	15.46	252	12998	13.225	ng	# 16

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

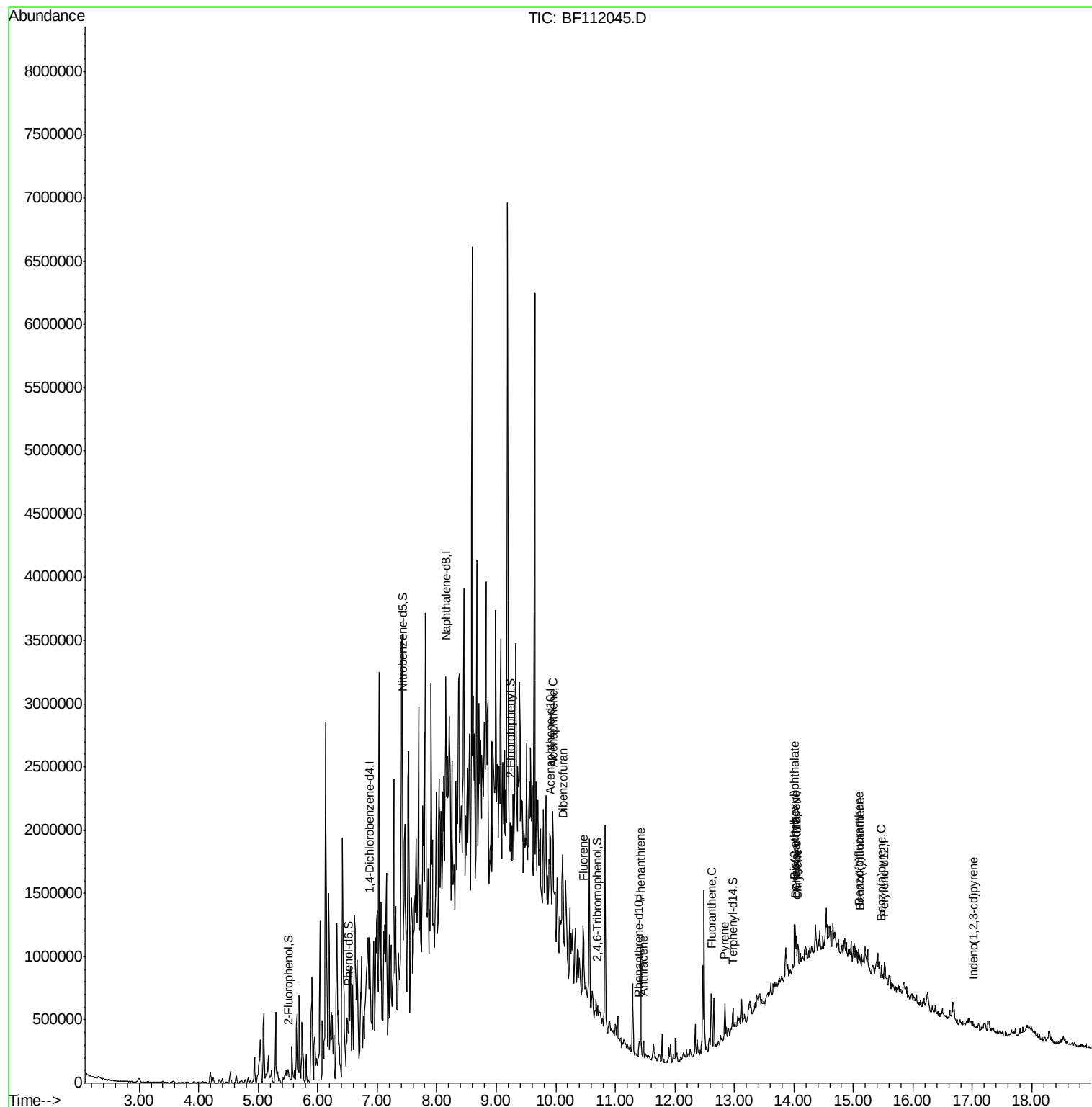
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112045.D
Acq On : 12 Jan 2019 5:20
Operator : JU/SJ
Sample : K1071-05DL 20X
Misc :
ALS Vial : 36 Sample Multiplier: 1

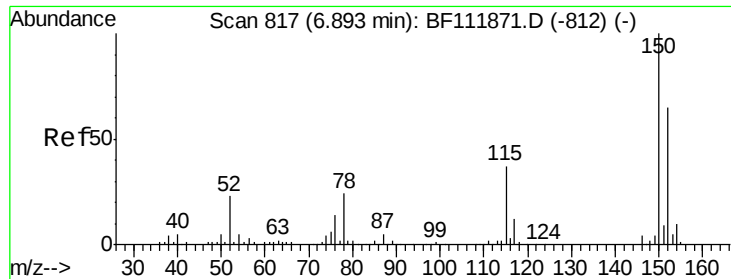
Instrument :
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ClientSampleId :
CPSB-15(15-20)DL

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
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#1

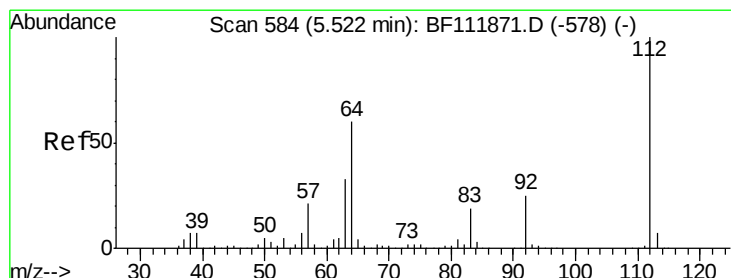
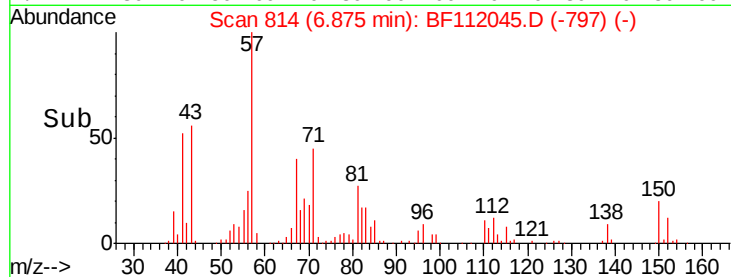
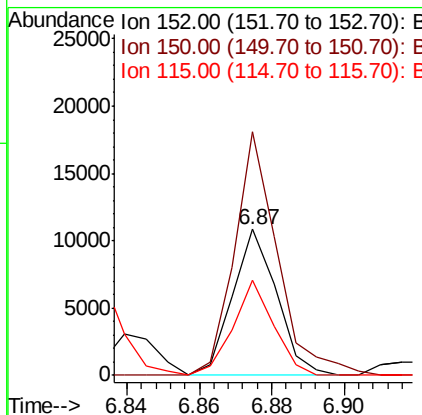
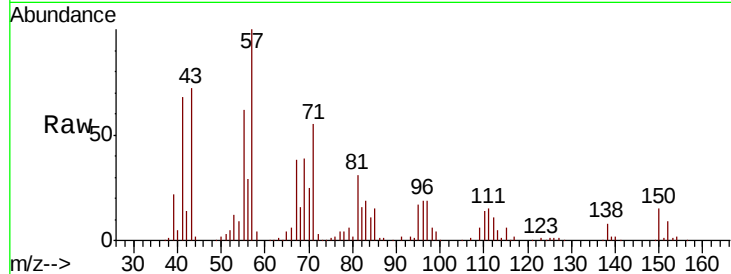
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF112045.D
Acq: 12 Jan 2019 5:20

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	167.0	122.7	184.1
115	65.0	45.2	67.8

Manual Integrations
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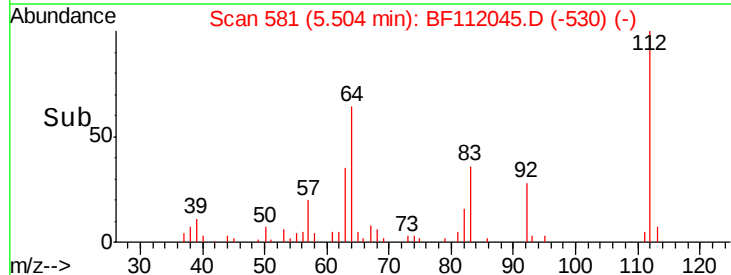
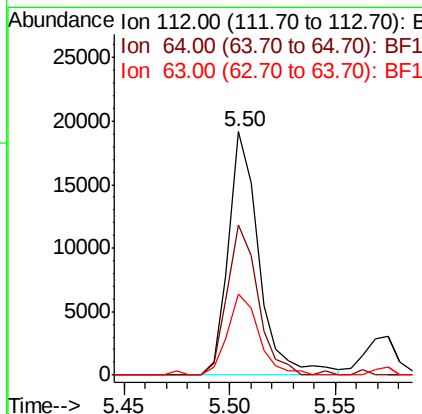
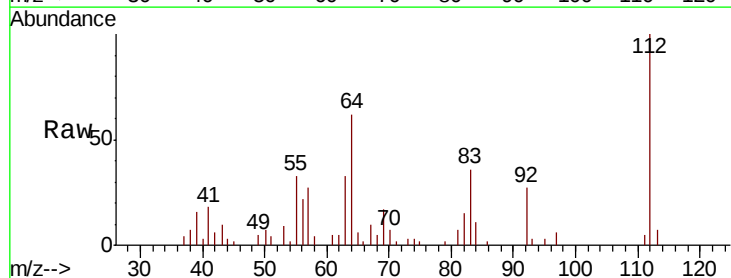
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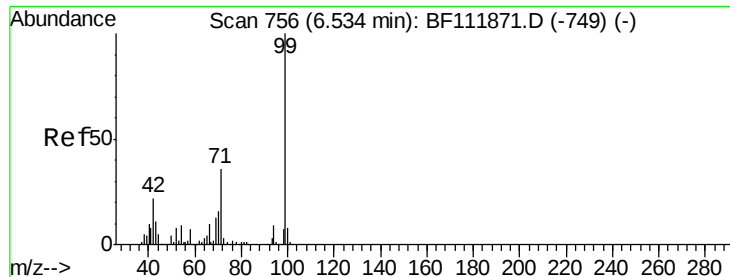


#5

2-Fluorophenol
Concen: 35.536 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF112045.D
Acq: 12 Jan 2019 5:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.8	48.3	72.5
63	33.2	26.1	39.1





#7

Phenol-d6

Concen: 37.357 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF112045.D

Acq: 12 Jan 2019 5:20

Instrument :

BNA_F

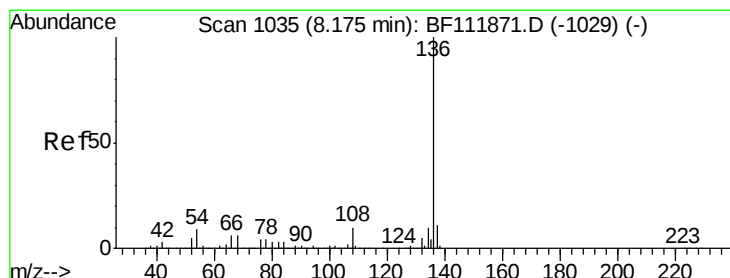
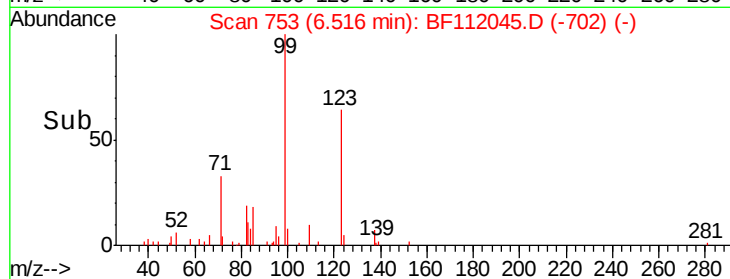
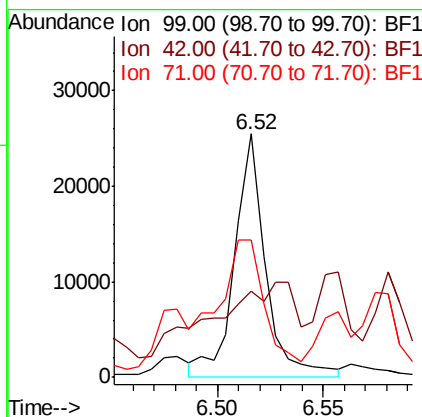
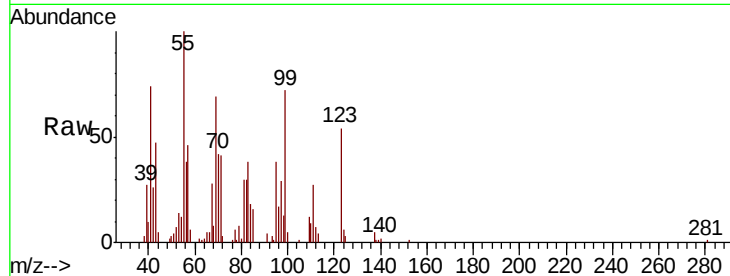
ClientSampleId :

CPSB-15(15-20)DL

Tot Ion:	99	Resp:	25968
Ion Ratio	Lower	Upper	
99	100		
42	35.7	17.9	26.9#
71	56.6	28.7	43.1#

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#21

Naphthalene-d8

Concen: 20.000 ng

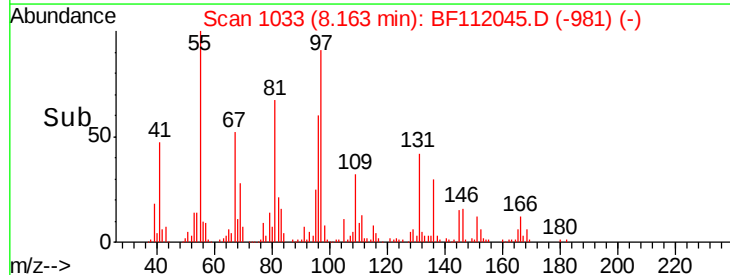
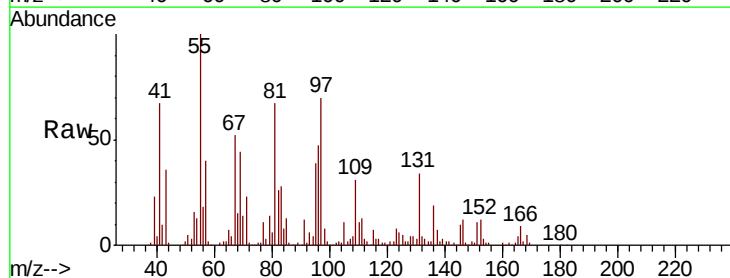
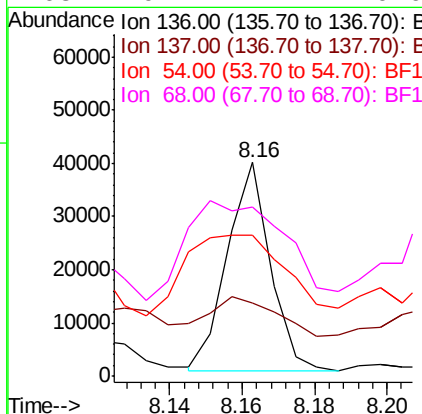
RT: 8.16 min Scan# 1033

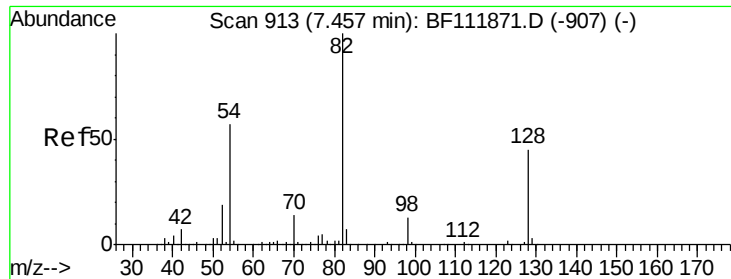
Delta R.T. 0.01 min

Lab File: BF112045.D

Acq: 12 Jan 2019 5:20

Tgt Ion:	136	Resp:	32229
Ion Ratio	Lower	Upper	
136	100		
137	34.4	9.1	13.7#
54	65.8	7.2	10.8#
68	79.1	4.4	6.6#





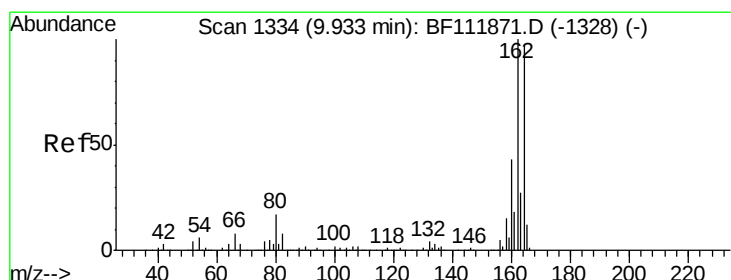
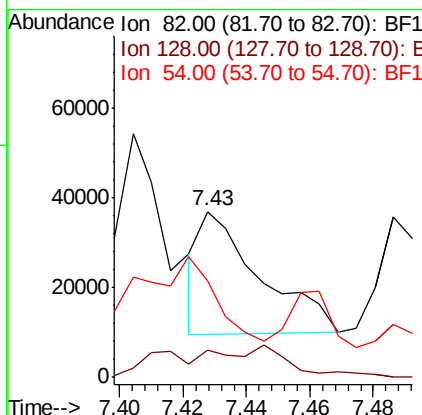
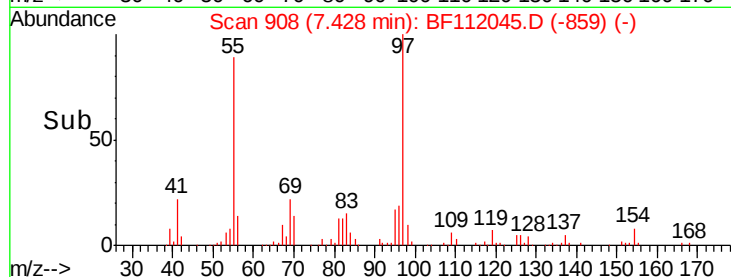
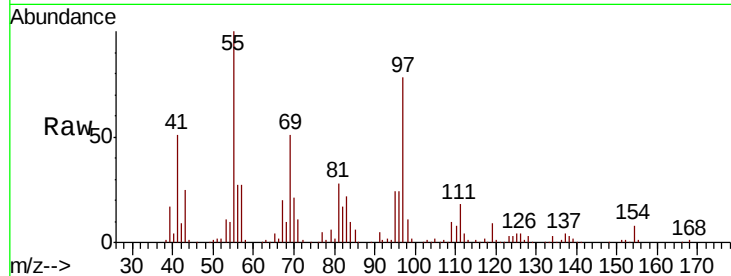
#23
Nitrobenzene-d5
Concen: 59.576 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF112045.D
Acq: 12 Jan 2019 5:20

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	16.2	35.7	53.5#
54	58.0	45.8	68.8

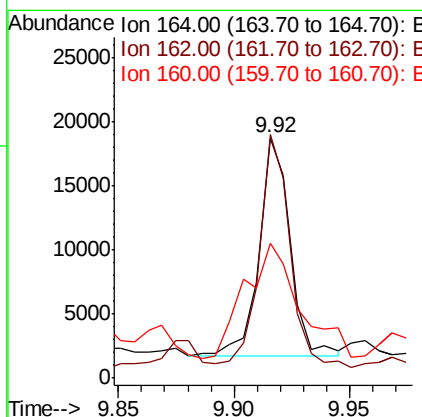
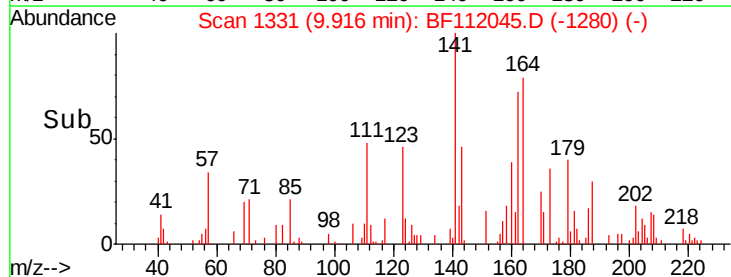
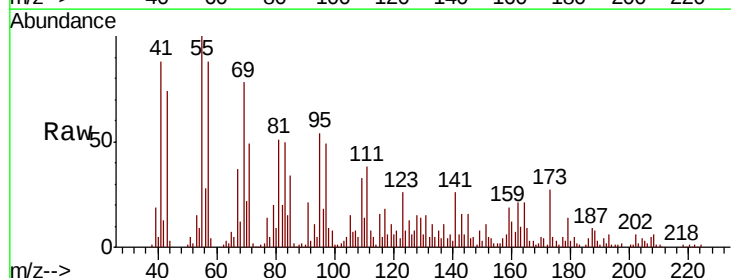
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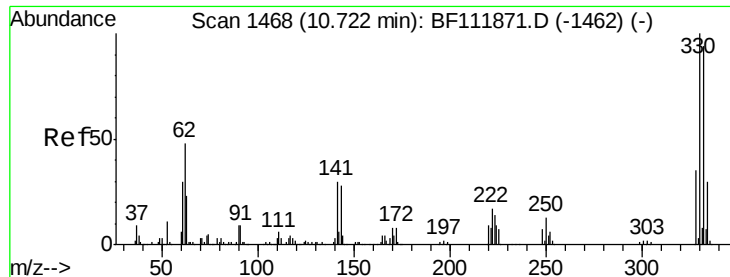
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF112045.D
Acq: 12 Jan 2019 5:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.2	123.2
160	56.3	35.5	53.3#





#42

2,4,6-Tribromophenol

Concen: 24.277 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.00 min

Lab File: BF112045.D

Acq: 12 Jan 2019 5:20

Instrument :

BNA_F

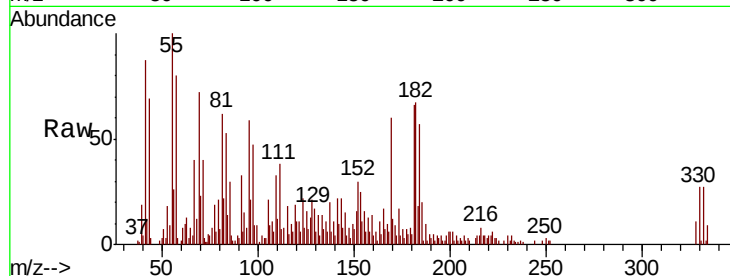
ClientSampleId :

CPSB-15(15-20)DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	105.8	76.9	115.3
141	45.2	23.7	35.5

Manual Integrations
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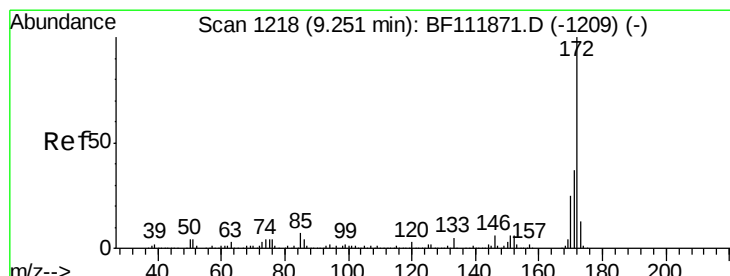
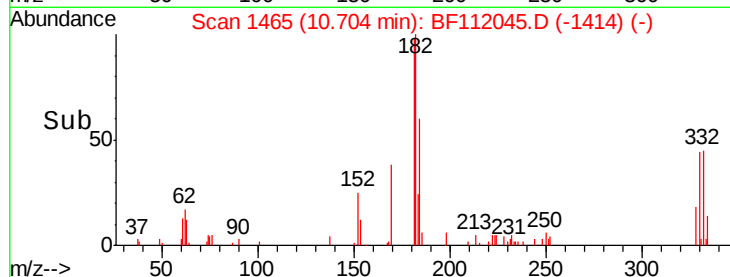
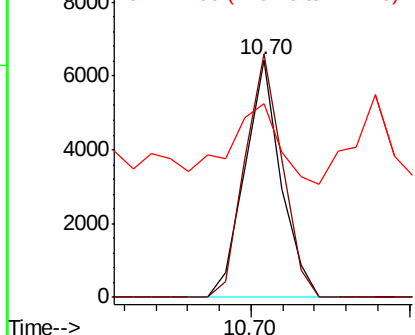


Abundance

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: 21.109 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.00 min

Lab File: BF112045.D

Acq: 12 Jan 2019 5:20

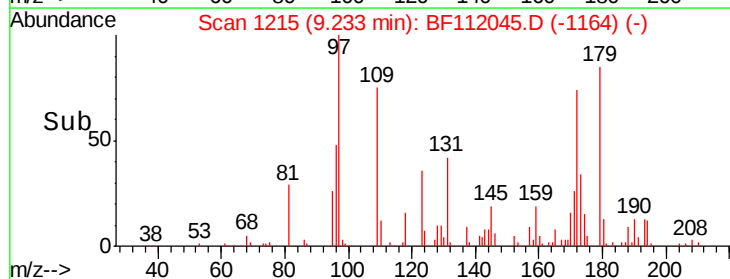
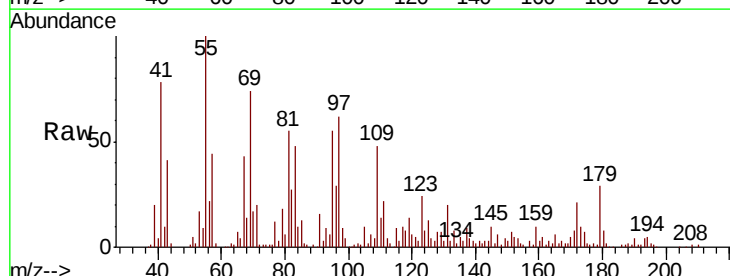
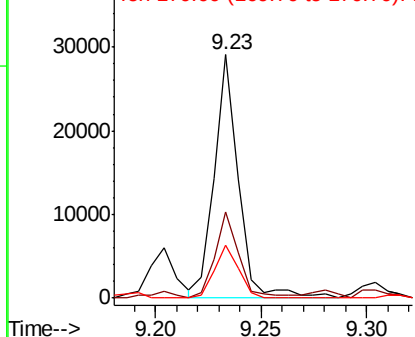
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	21.5	19.8	29.8

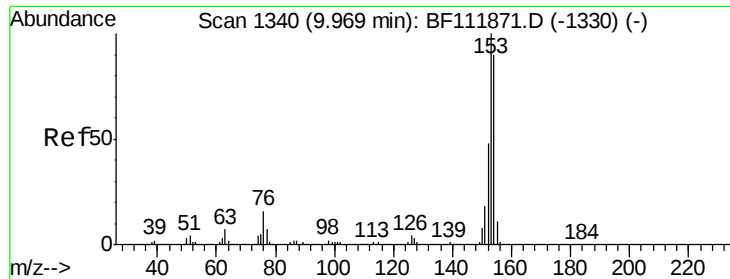
Abundance

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





#52

Acenaphthene

Concen: 85.261 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BF112045.D

Acq: 12 Jan 2019 5:20

Instrument :

BNA_F

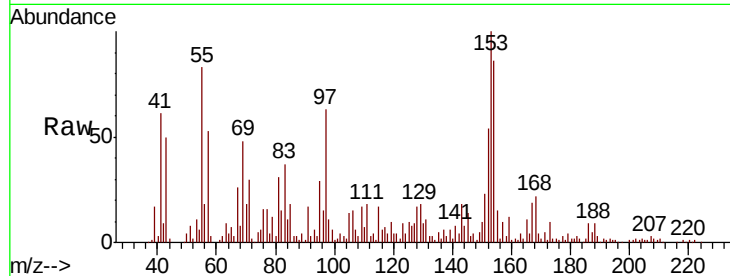
ClientSampleId :

CPSB-15(15-20)DL

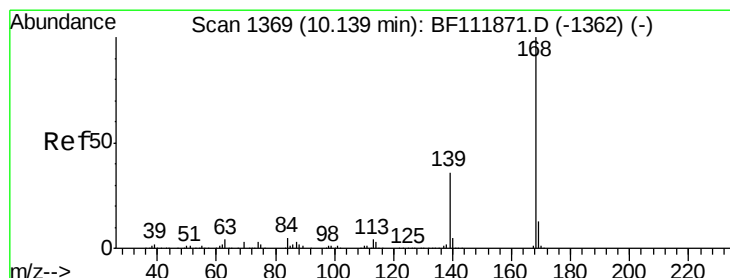
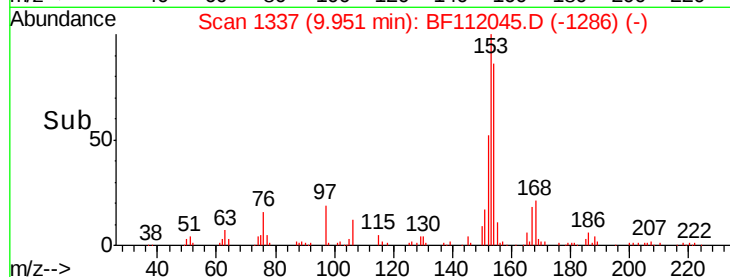
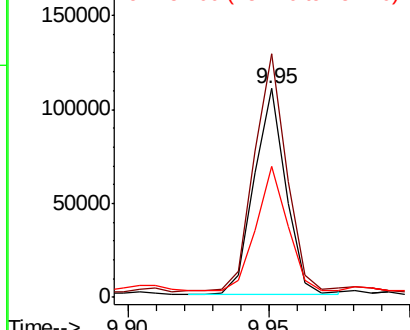
Tot Ion:	154	Resp:	85876
Ion Ratio	Lower	Upper	
154	100		
153	116.5	89.4	134.0
152	62.7	43.1	64.7

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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: 65.238 ng

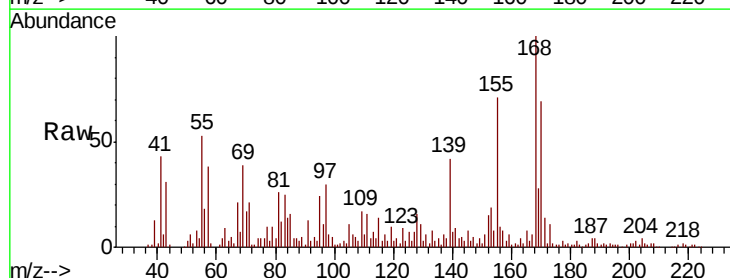
RT: 10.12 min Scan# 1366

Delta R.T. -0.00 min

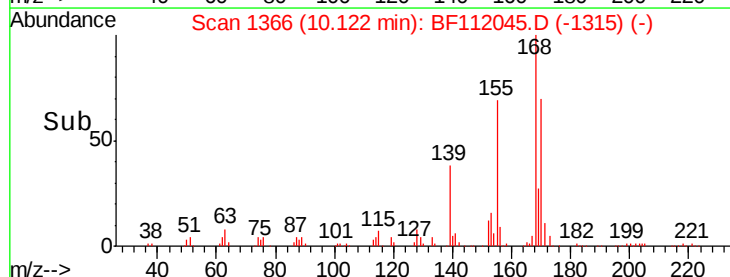
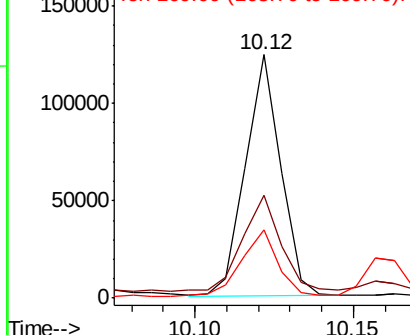
Lab File: BF112045.D

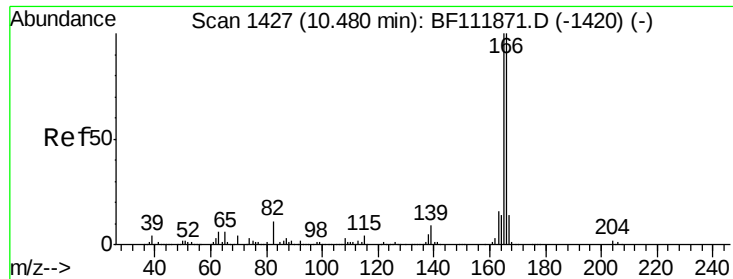
Acq: 12 Jan 2019 5:20

Tgt Ion:	168	Resp:	95561
Ion Ratio	Lower	Upper	
168	100		
139	42.0	29.3	43.9
169	28.2	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





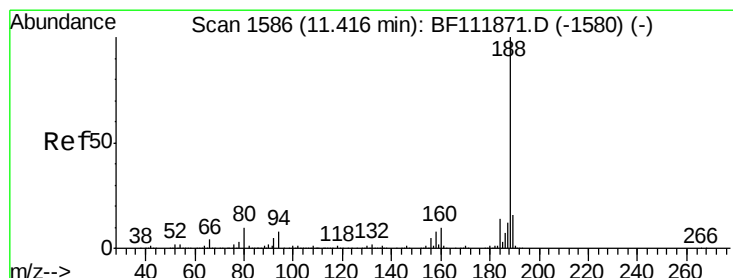
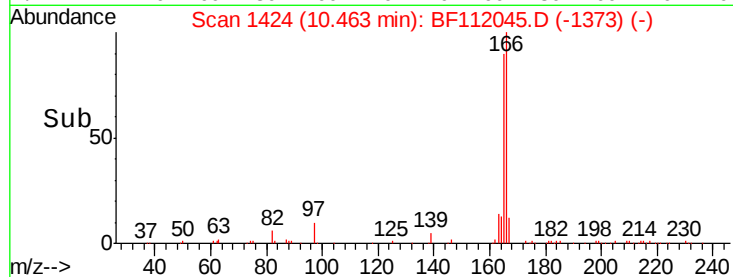
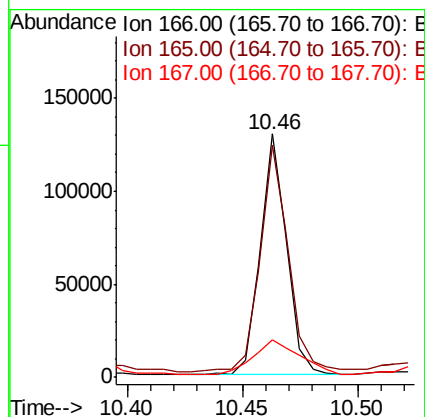
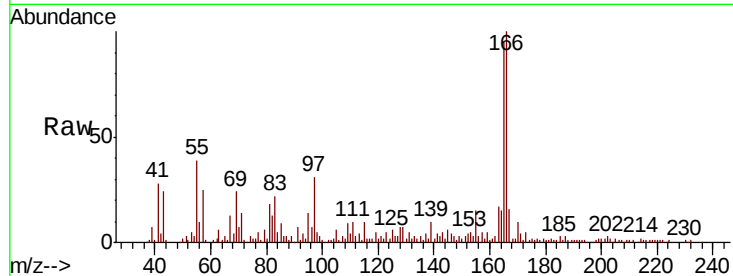
#58
 Fluorene
 Concen: 96.820 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.00 min
 Lab File: BF112045.D
 Acq: 12 Jan 2019 5:20

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

Tot Ion:	166	Resp:	103196
Ion Ratio	Lower	Upper	
166	100		
165	95.2	79.7	119.5
167	15.6	11.1	16.7

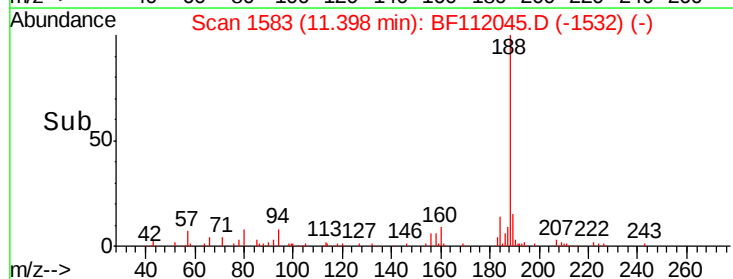
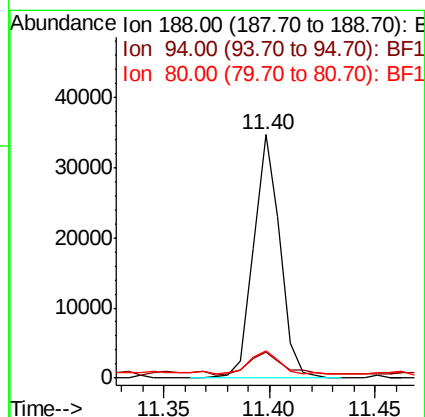
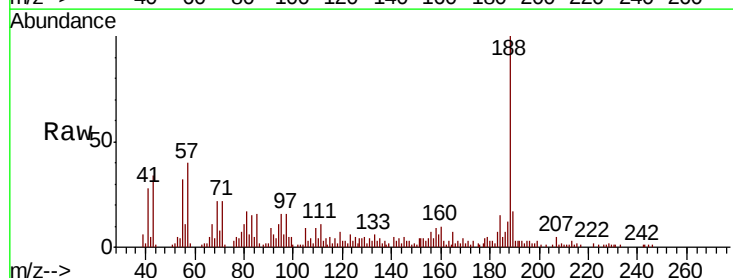
Manual Integrations
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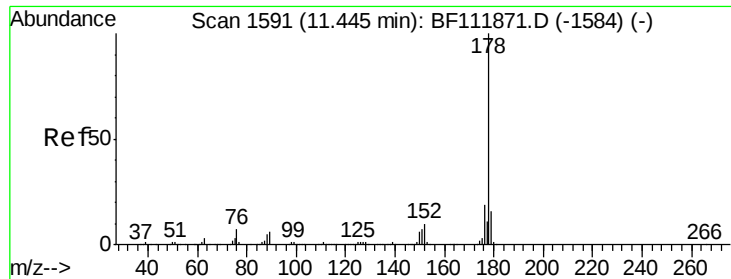
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BF112045.D
 Acq: 12 Jan 2019 5:20

Tgt Ion:	188	Resp:	30211
Ion Ratio	Lower	Upper	
188	100		
94	10.8	6.6	10.0#
80	11.1	7.7	11.5





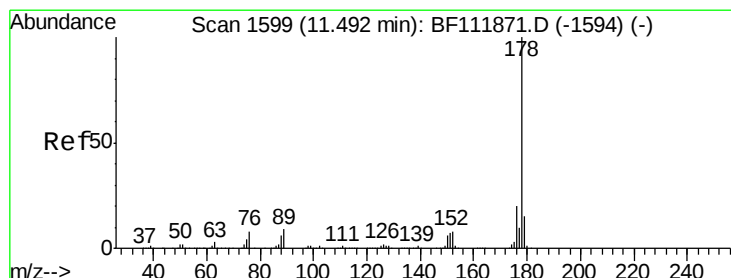
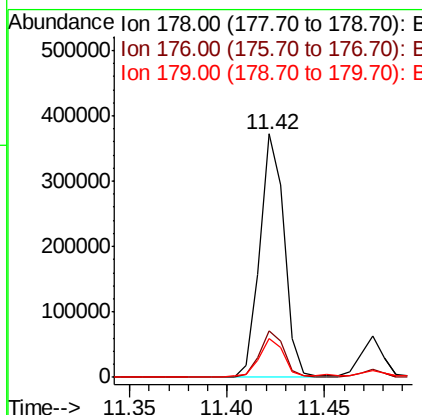
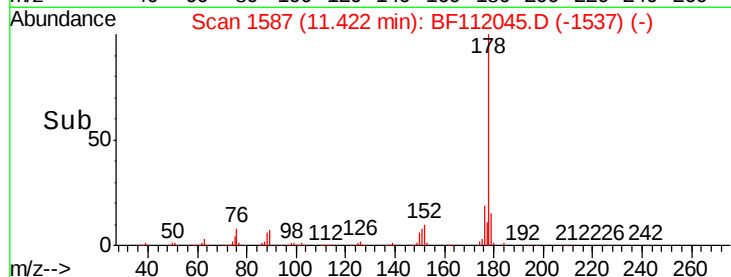
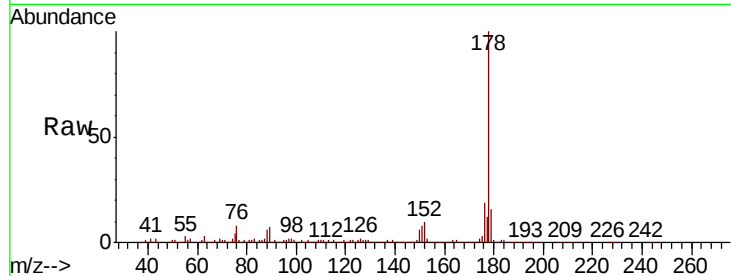
#71
Phenanthrene
Concen: 200.024 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF112045.D
Acq: 12 Jan 2019 5:20

Instrument :
BNA_F
ClientSampleID :
CPSB-15(15-20)DL

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.6	23.4
179	16.0	12.6	18.8

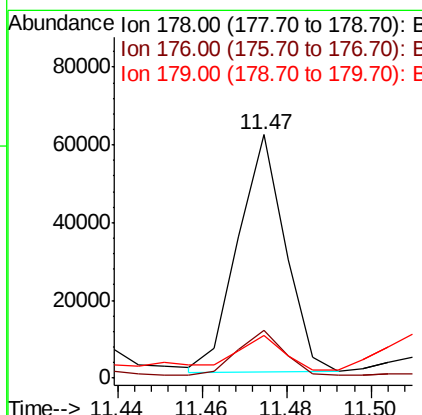
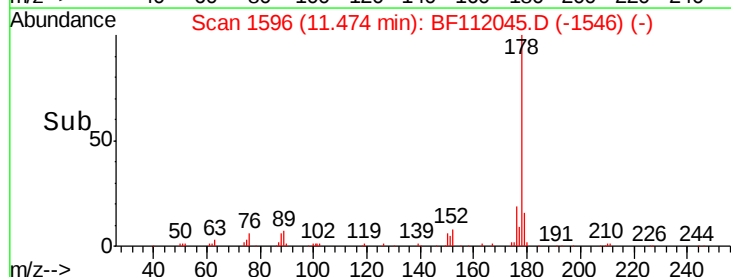
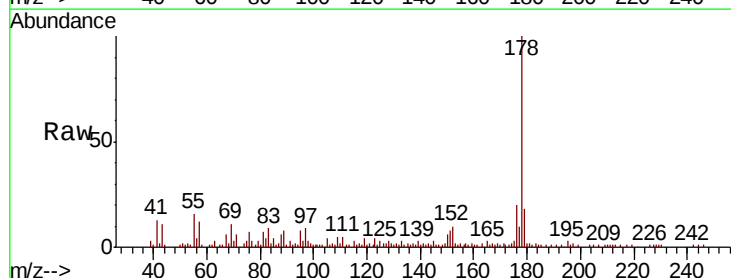
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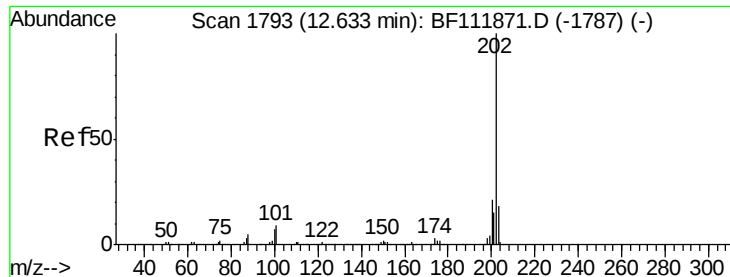
Sohil
1/14/2019 4:10:48 PM



#72
Anthracene
Concen: 28.866 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF112045.D
Acq: 12 Jan 2019 5:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.7	23.5
179	17.6	12.4	18.6





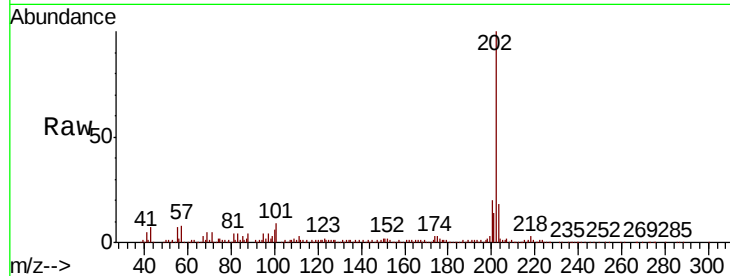
#75
 Fluoranthene
 Concen: 106.721 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: BF112045.D
 Acq: 12 Jan 2019 5:20

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

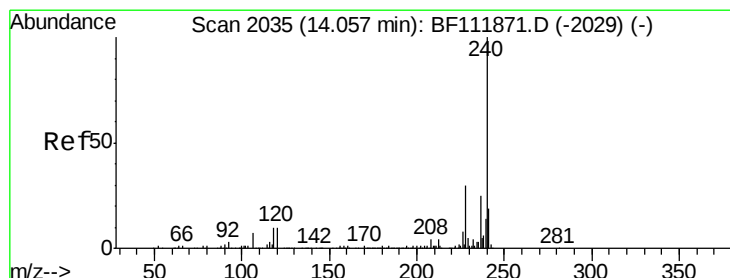
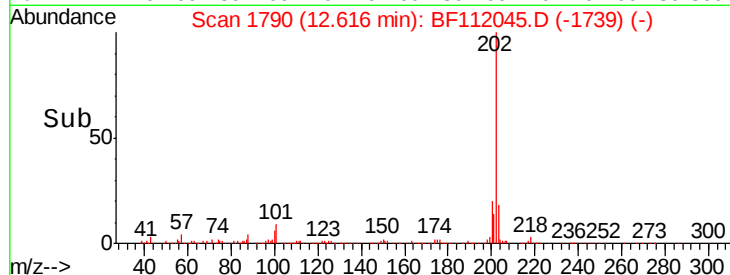
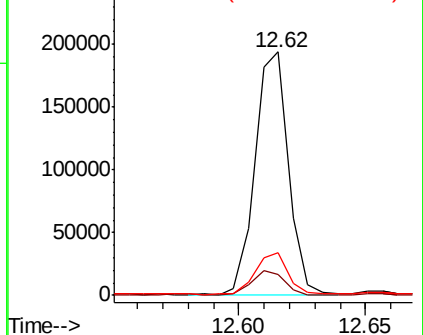
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.5	0.0	29.3
203	17.7	0.0	37.6

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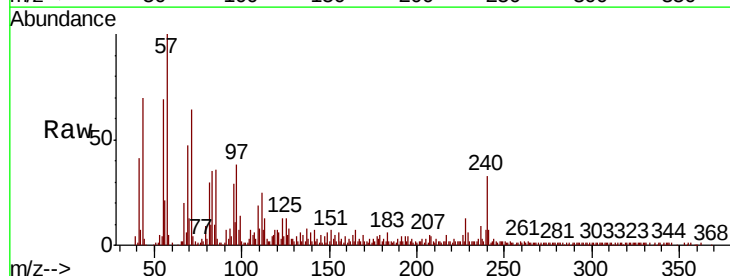


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

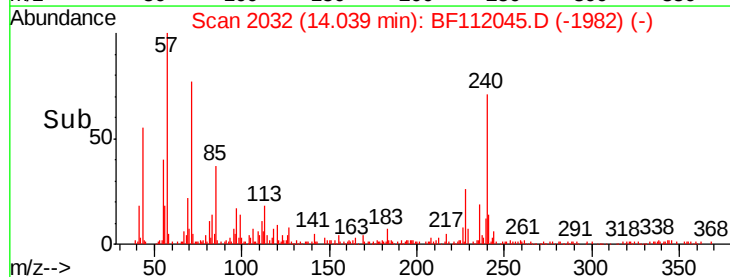
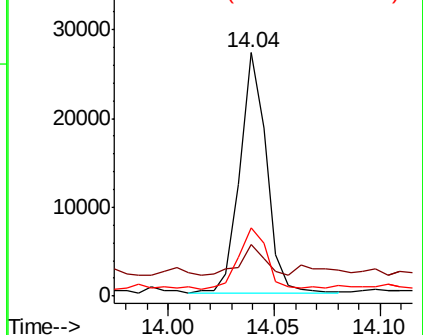


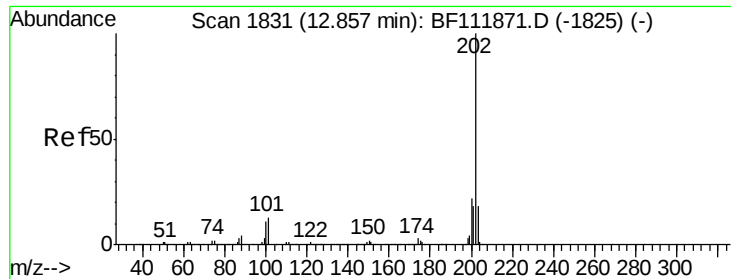
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF112045.D
 Acq: 12 Jan 2019 5:20

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	21.4	8.2	12.2#
236	28.0	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: 80.237 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF112045.D

Acq: 12 Jan 2019 5:20

Instrument :

BNA_F

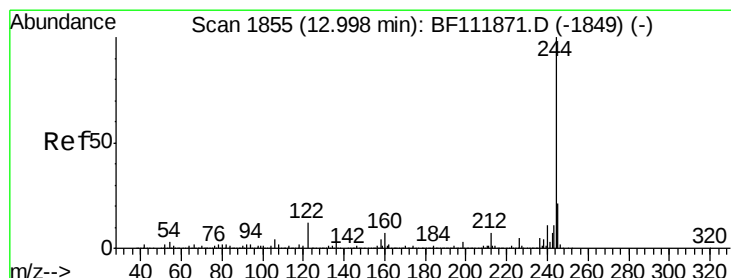
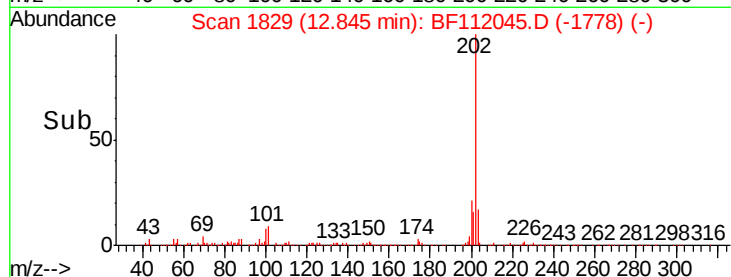
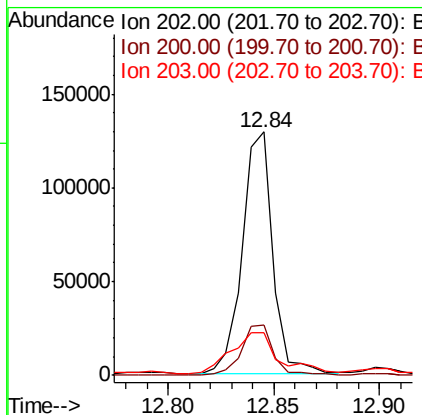
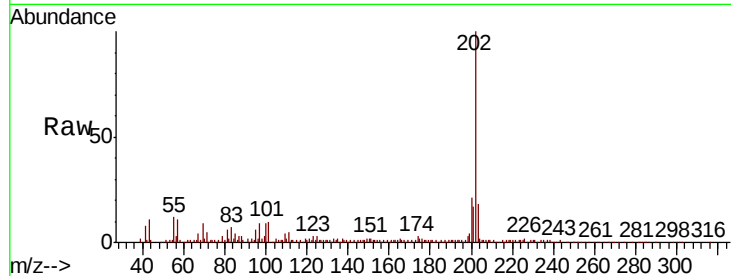
ClientSampleId :

CPSB-15(15-20)DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		128944		
200	20.9	17.4	26.2		
203	17.6	14.6	21.8		

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#79

Terphenyl-d14

Concen: 25.813 ng

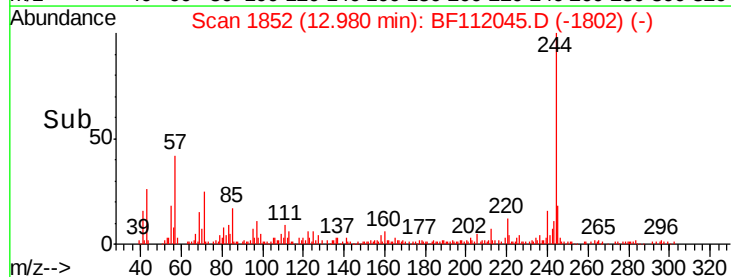
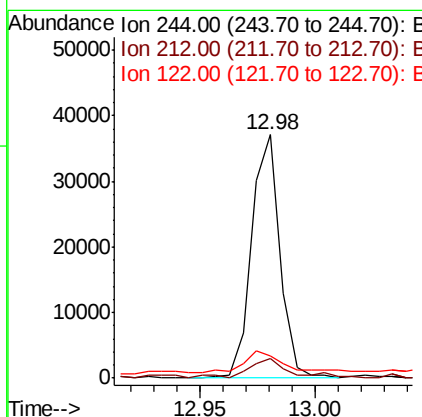
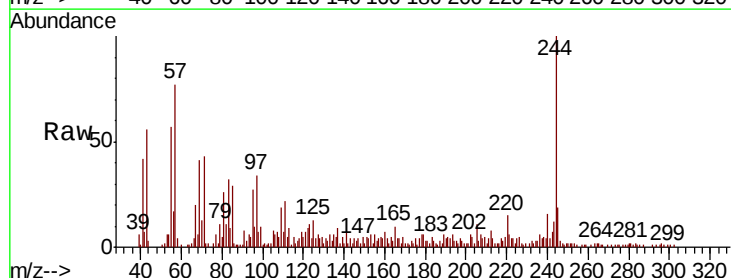
RT: 12.98 min Scan# 1852

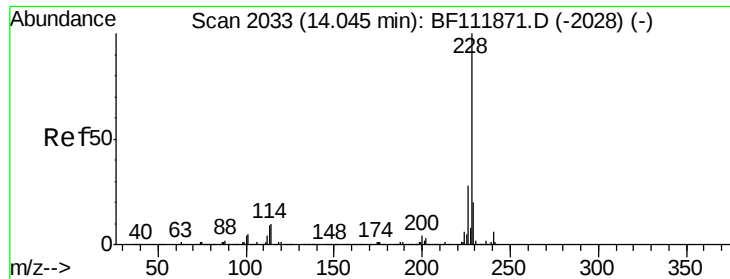
Delta R.T. -0.01 min

Lab File: BF112045.D

Acq: 12 Jan 2019 5:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100		31761		
212	7.8	5.8	8.8		
122	9.0	9.5	14.3#		





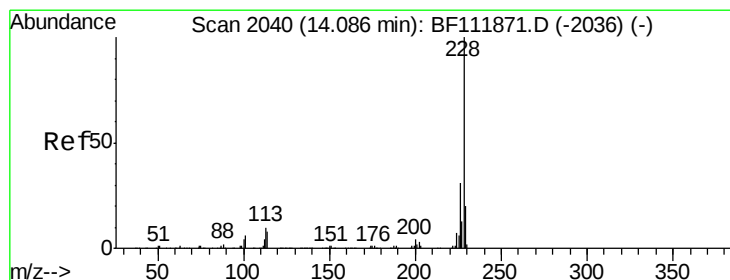
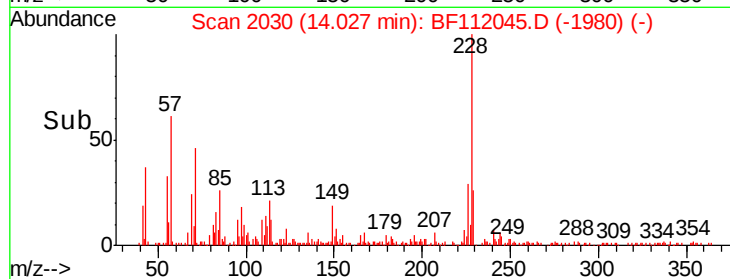
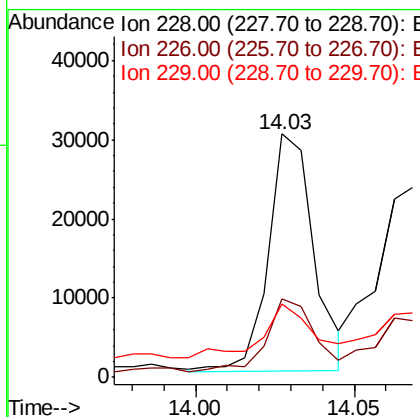
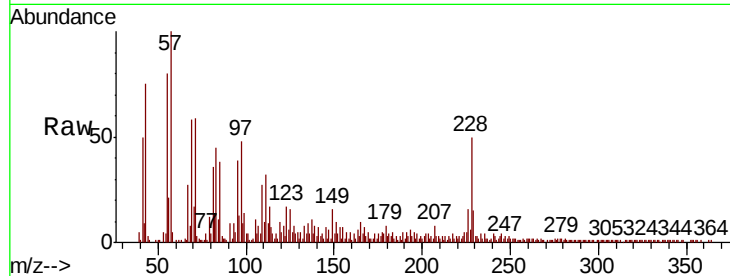
#81
Benzo(a)anthracene
Concen: 22.438 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF112045.D
Acq: 12 Jan 2019 5:20

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.0	22.2	33.2
229	30.2	16.2	24.2

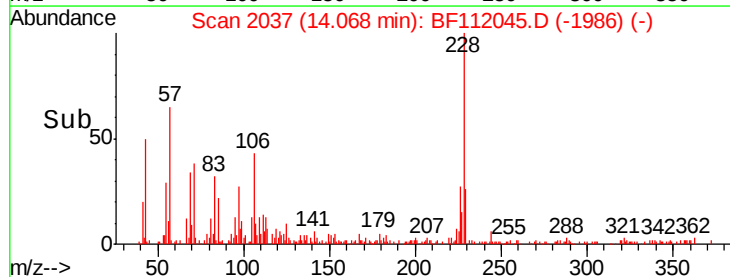
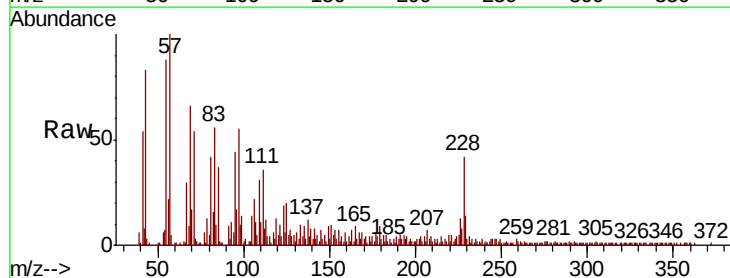
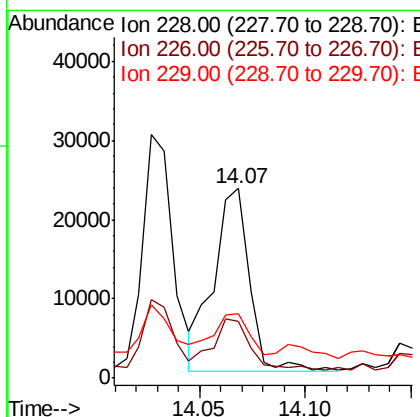
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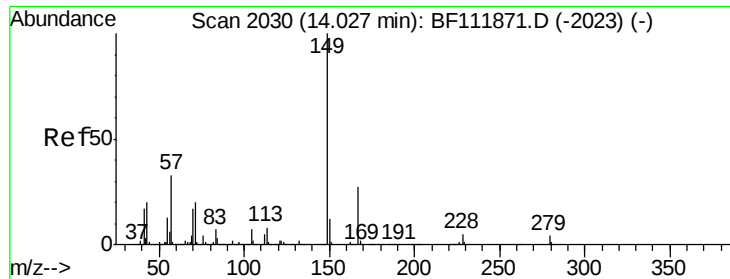
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#83
Chrysene
Concen: 21.370 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BF112045.D
Acq: 12 Jan 2019 5:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.6	37.0
229	33.7	15.7	23.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 129.248 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF112045.D

Acq: 12 Jan 2019 5:20

Instrument :

BNA_F

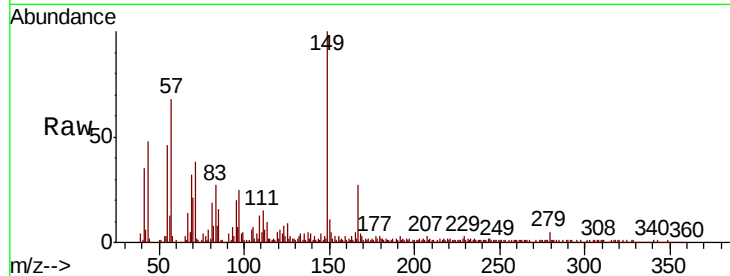
ClientSampleId :

CPSB-15(15-20)DL

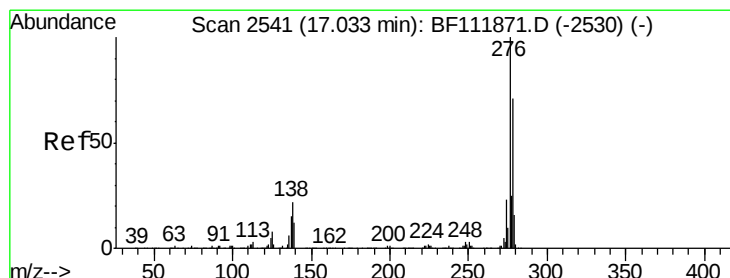
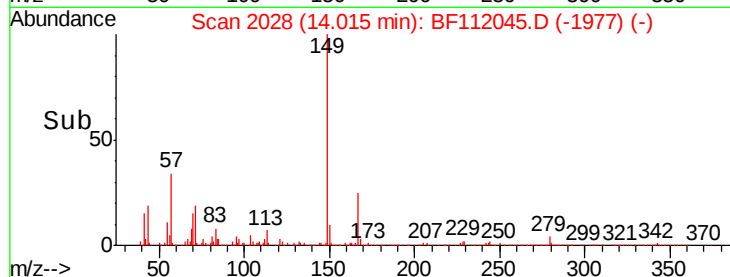
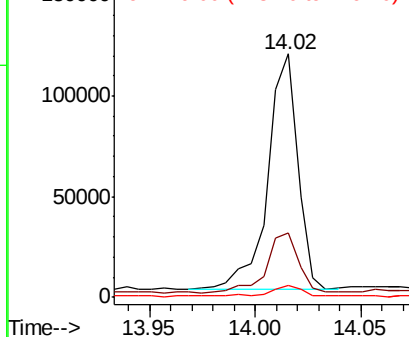
Tot Ion:	149	Resp:	115322
Ion Ratio	Lower	Upper	
149	100		
167	26.6	21.5	32.3
279	5.0	3.0	4.6#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86

Indeno(1,2,3-cd)pyrene

Concen: 7.876 ng

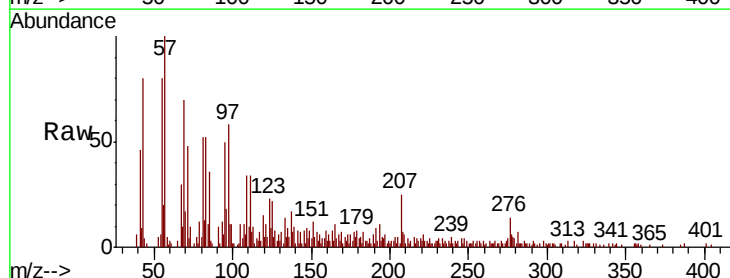
RT: 17.02 min Scan# 2538

Delta R.T. 0.01 min

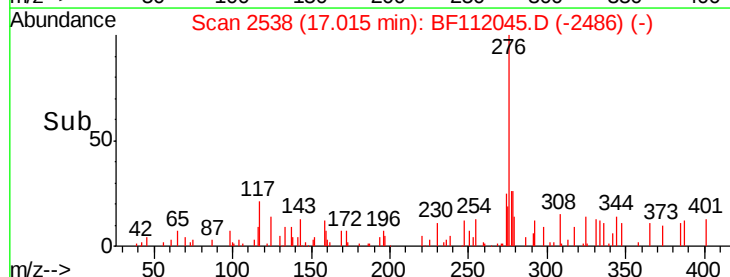
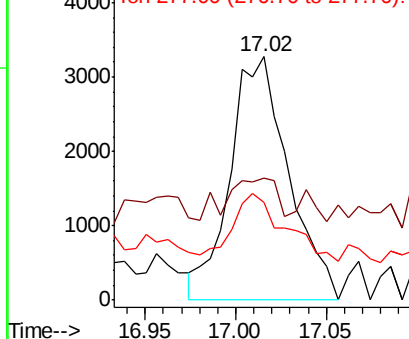
Lab File: BF112045.D

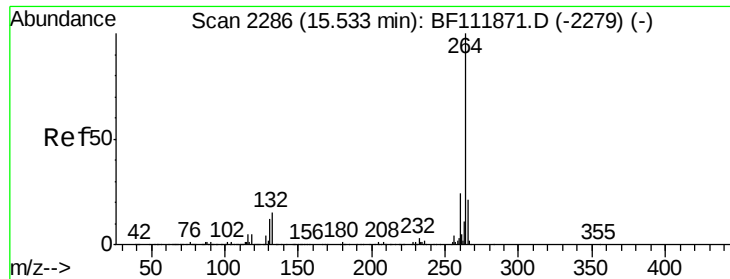
Acq: 12 Jan 2019 5:20

Tgt Ion:	276	Resp:	7359
Ion Ratio	Lower	Upper	
276	100		
138	16.3	18.1	27.1#
277	24.9	19.9	29.9



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





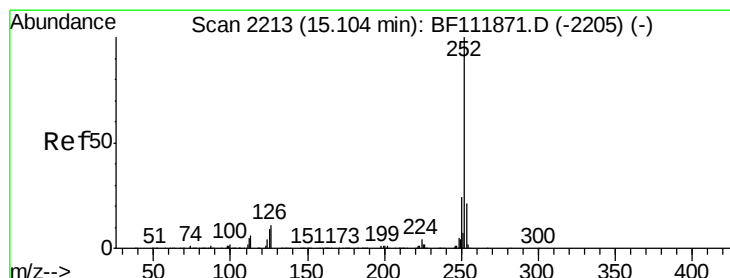
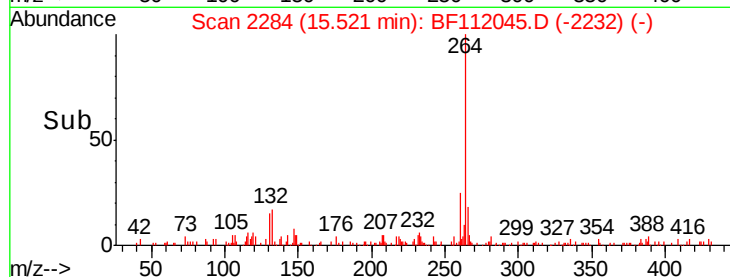
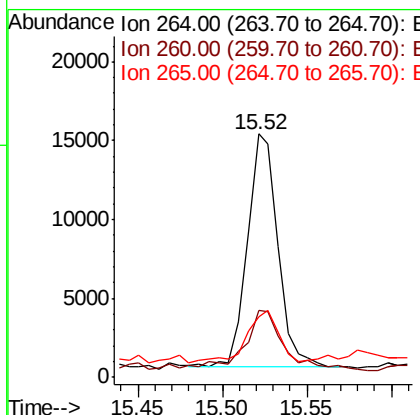
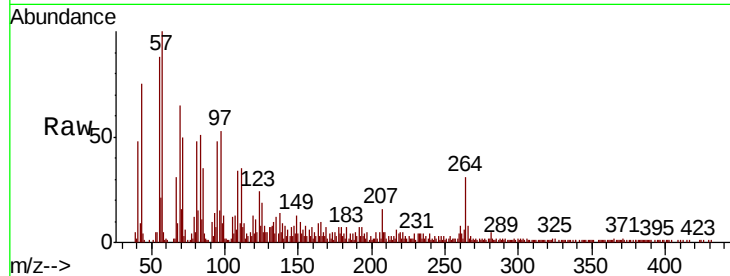
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF112045.D
Acq: 12 Jan 2019 5:20

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	27.3	19.2	28.8
265	24.7	17.1	25.7

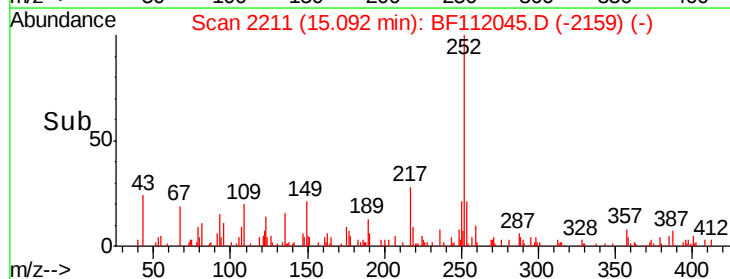
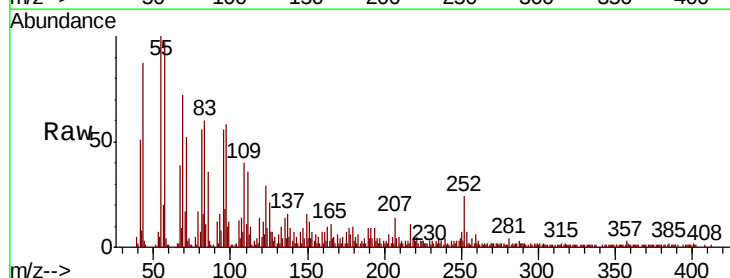
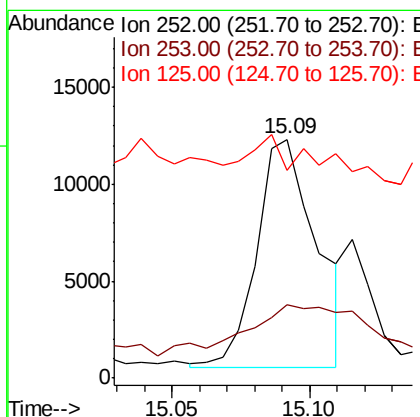
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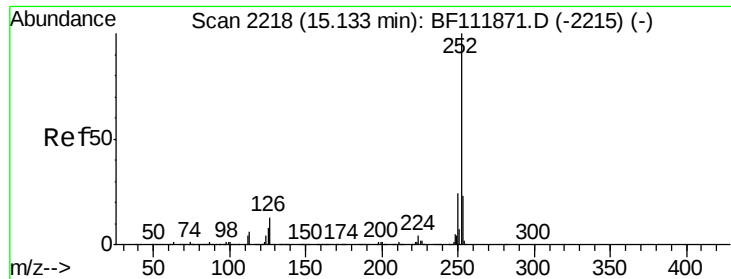
Sohil
1/14/2019 4:10:48 PM



#88
Benzo(b)fluoranthene
Concen: 15.884 ng m
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF112045.D
Acq: 12 Jan 2019 5:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.8	17.0	25.6#
125	87.3	7.1	10.7#





#89

Benzo(k)fluoranthene

Concen: 5.005 ng/mL

RT: 15.12 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BF112045.D

Acq: 12 Jan 2019 5:20

Instrument :

BNA_F

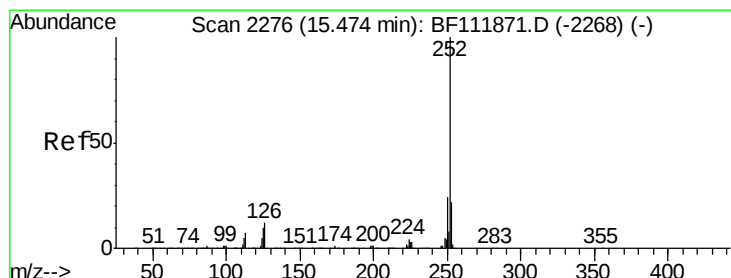
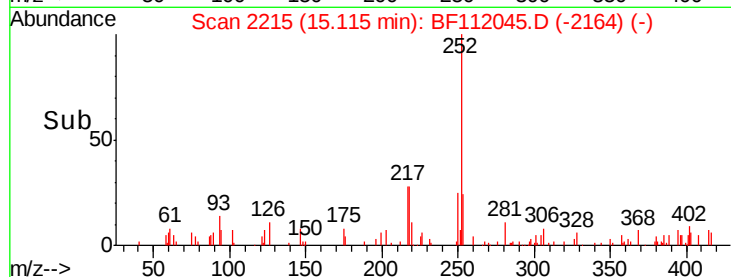
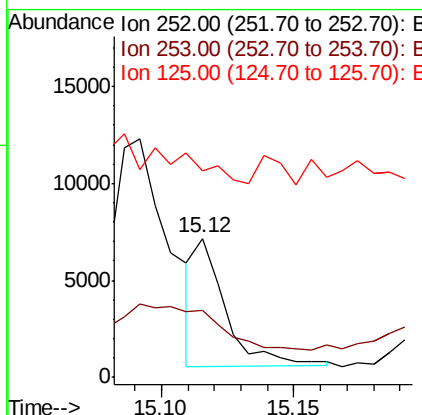
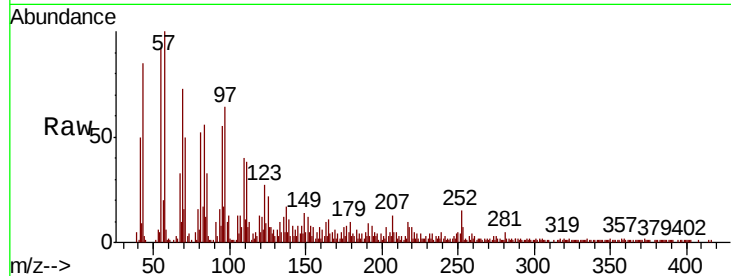
ClientSampleId :

CPSB-15(15-20)DL

Tot Ion:	252	Resp:	5259
Ion Ratio	Lower	Upper	
252	100		
253	48.0	17.8	26.6#
125	148.4	7.0	10.4#

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 13.225 ng/mL

RT: 15.46 min Scan# 2274

Delta R.T. 0.01 min

Lab File: BF112045.D

Acq: 12 Jan 2019 5:20

Tgt Ion:	252	Resp:	12998
Ion Ratio	Lower	Upper	
252	100		
253	32.8	17.4	26.2#
125	91.0	7.9	11.9#

