

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
 Data File : BF112059.D
 Acq On : 14 Jan 2019 19:08
 Operator : JU/SJ
 Sample : K1135-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-19(10-15)

Manual Integrations
 APPROVED

Sohil
 1/15/2019 4:00:46 PM

Quant Time: Jan 15 13:35:09 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	6.88	152	157447	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	388735	20.00	ng	0.05
39) Acenaphthene-d10	9.96	164	131538	20.00	ng	0.05
64) Phenanthrene-d10	11.40	188	288703	20.00	ng	0.00
76) Chrysene-d12	14.04	240	277813	20.00	ng	0.00
87) Perylene-d12	15.53	264	260834	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	873561	94.92	ng	0.00
7) Phenol-d6	6.52	99	1130056	95.27	ng	0.00
23) Nitrobenzene-d5	7.44	82	687367	94.50	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	187993	109.88	ng	0.02
45) 2-Fluorobiphenyl	9.28	172	645538	71.56	ng	0.05
79) Terphenyl-d14	12.98	244	932656	63.73	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.66	163	216098	21.870	ng	# 75
52) Acenaphthene	10.00	154	194427	23.623	ng	# 76
55) Dibenzofuran	10.16	168	238672m	19.939	ng	
58) Fluorene	10.49	166	329802m	37.866	ng	
71) Phenanthrene	11.43	178	649986	42.110	ng	99
72) Anthracene	11.47	178	100750m	6.430	ng	
75) Fluoranthene	12.62	202	425940	26.880	ng	99
78) Pyrene	12.84	202	378018	19.776	ng	99
81) Benzo(a)anthracene	14.03	228	68996	4.315	ng	# 91
83) Chrysene	14.07	228	70348	4.615	ng	# 89
84) Bis(2-ethylhexyl)phthalate	14.02	149	300348	28.300	ng	# 98
88) Benzo(b)fluoranthene	15.10	252	66125m	4.238	ng	

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

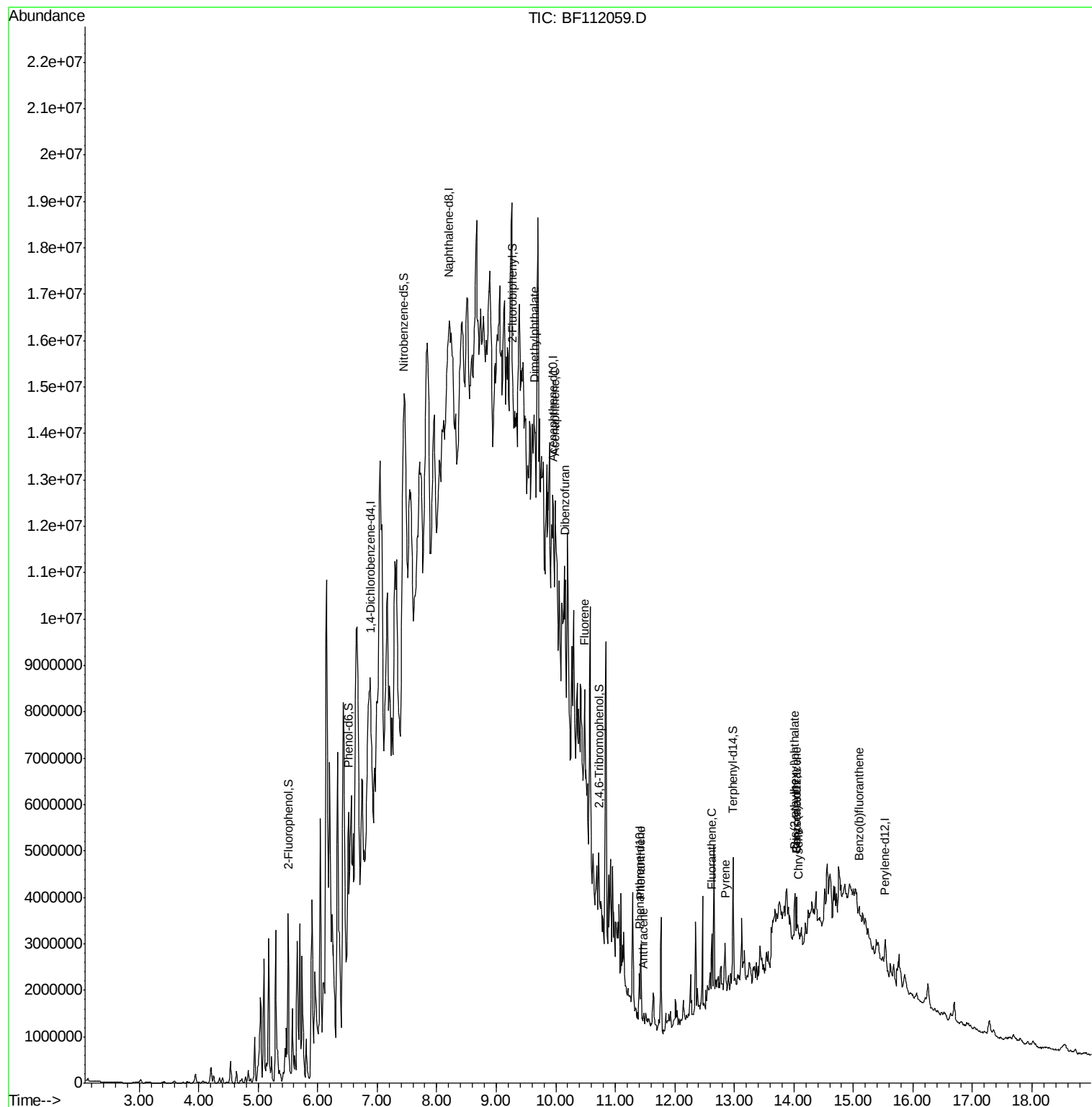
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
Data File : BF112059.D
Acq On : 14 Jan 2019 19:08
Operator : JU/SJ
Sample : K1135-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

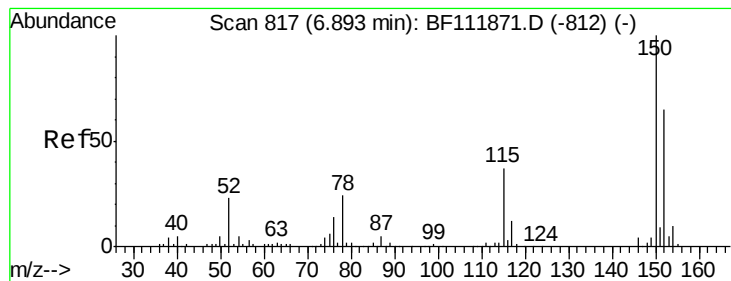
Instrument :
BNA_F
ClientSampleId :
CPSB-19(10-15)

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
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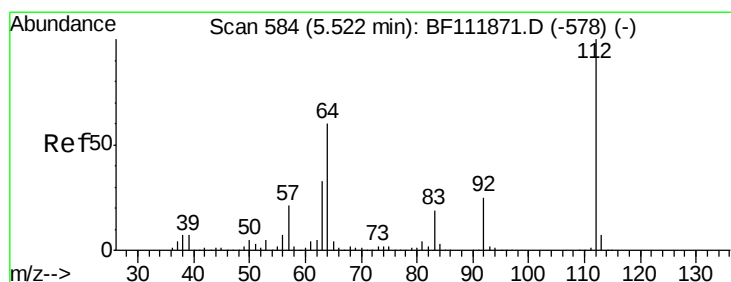
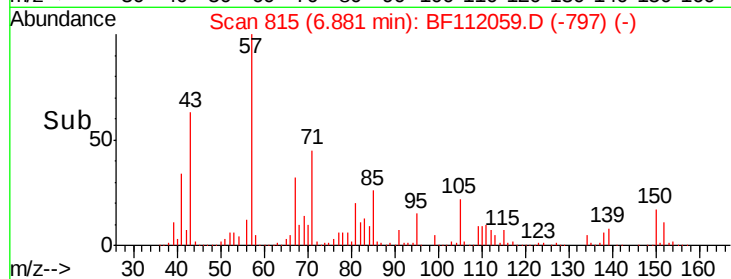
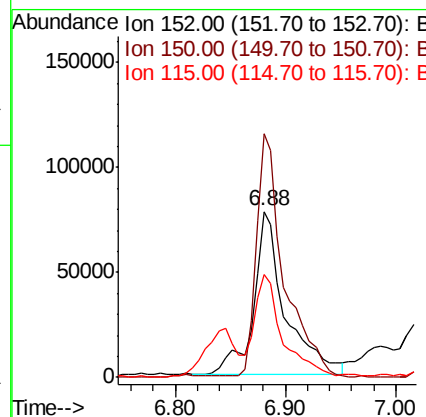
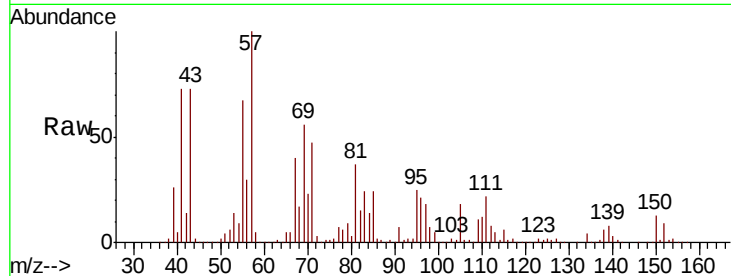
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.01 min
 Lab File: BF112059.D
 Acq: 14 Jan 2019 19:08

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-19(10-15)

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.5	122.7	184.1
115	61.6	45.2	67.8

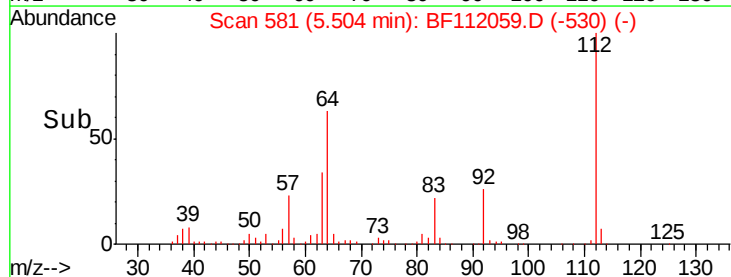
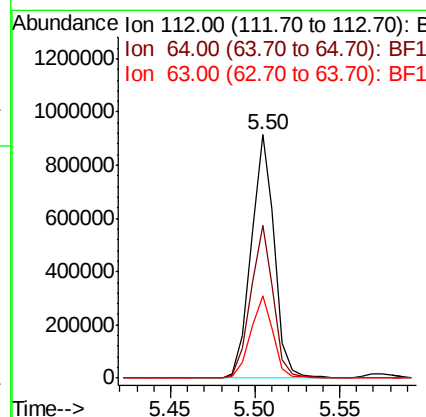
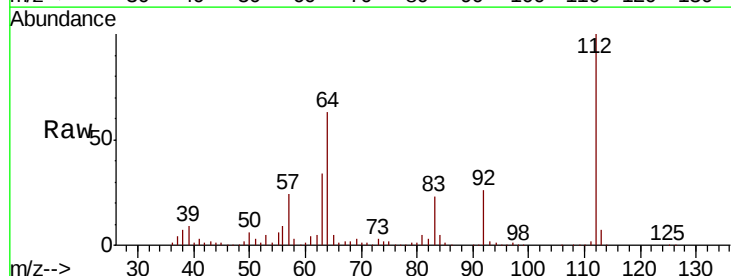
Manual Integrations
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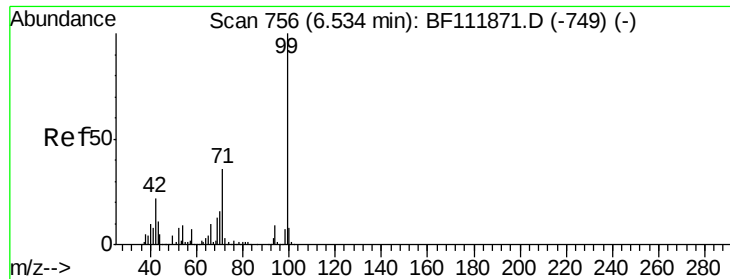
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#5
 2-Fluorophenol
 Concen: 94.921 ng
 RT: 5.50 min Scan# 581
 Delta R.T. -0.00 min
 Lab File: BF112059.D
 Acq: 14 Jan 2019 19:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.5	48.3	72.5
63	33.8	26.1	39.1





#7

Phenol-d6

Concen: 95.270 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF112059.D

Acq: 14 Jan 2019 19:08

Instrument :

BNA_F

ClientSampleId :

CPSB-19(10-15)

Tot Ion: 99 Resp: 1130056

Ion Ratio Lower Upper

99 100

42 24.7 17.9 26.9

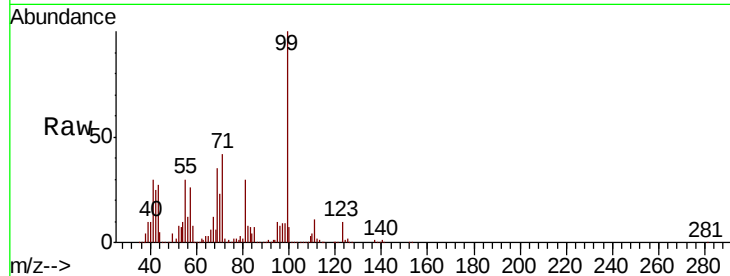
71 42.3 28.7 43.1

Manual Integrations

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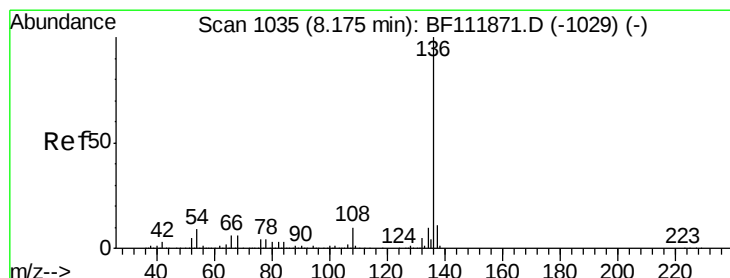
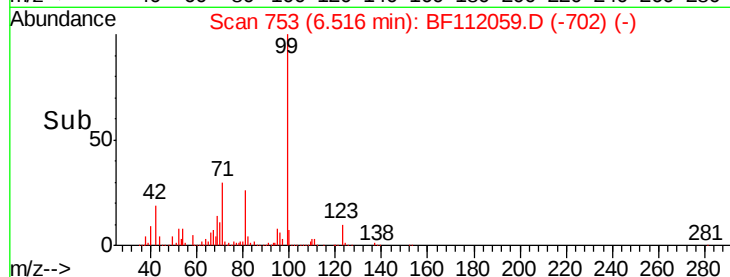
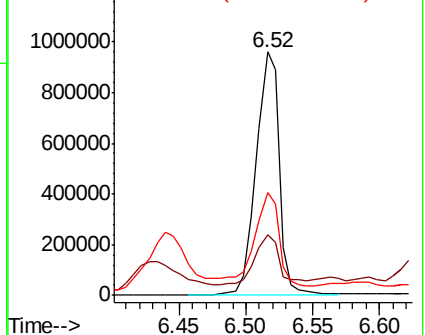
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.05 min

Lab File: BF112059.D

Acq: 14 Jan 2019 19:08

Tgt Ion: 136 Resp: 388735

Ion Ratio Lower Upper

136 100

137 62.6 9.1 13.7#

54 107.5 7.2 10.8#

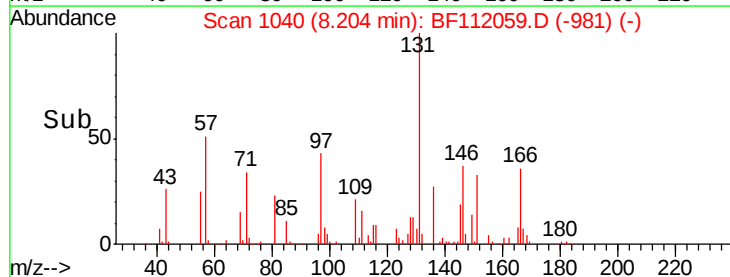
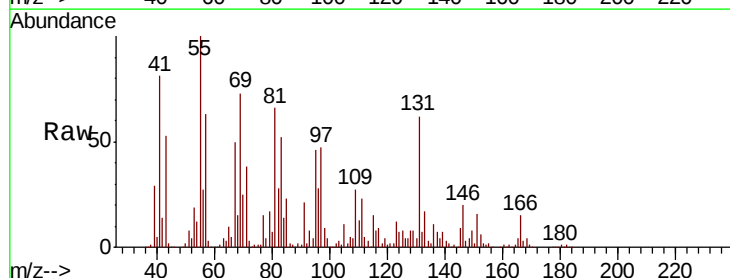
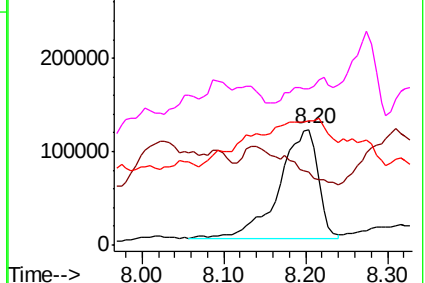
68 135.0 4.4 6.6#

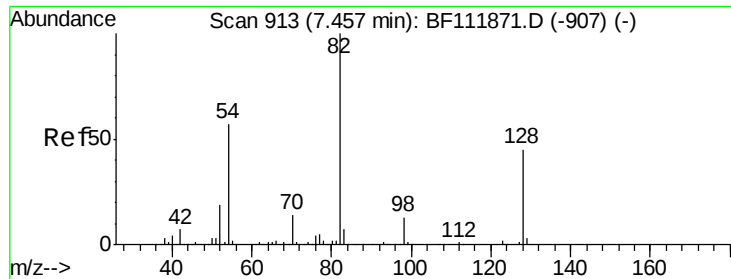
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





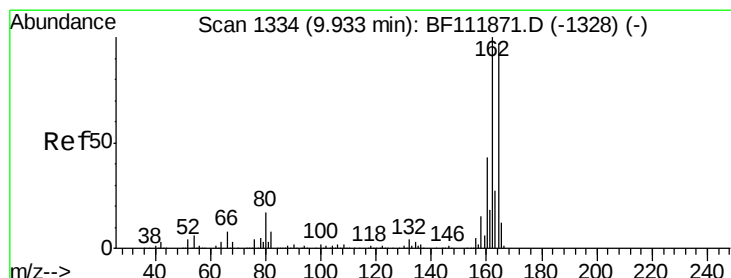
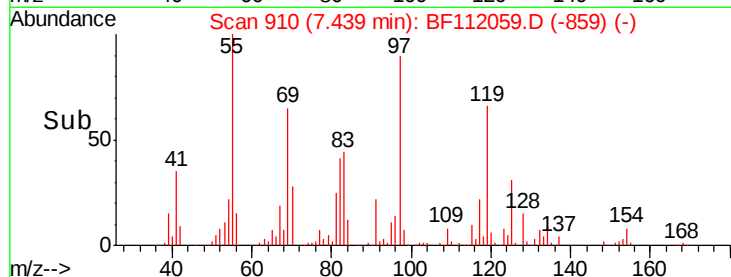
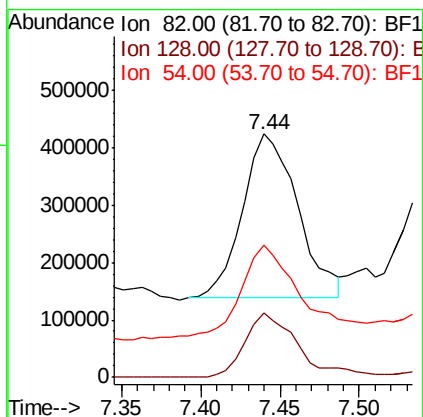
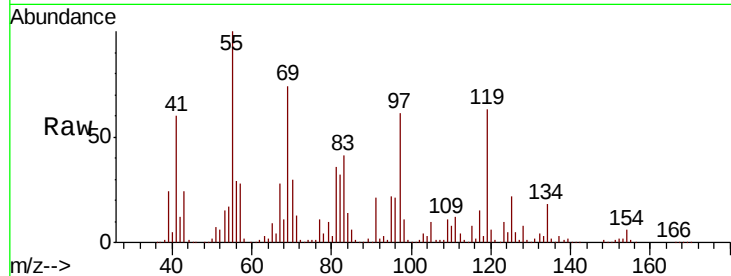
#23
Nitrobenzene-d5
Concen: 94.503 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF112059.D
Acq: 14 Jan 2019 19:08

Instrument :
BNA_F
ClientSampleId :
CPSB-19(10-15)

Tot Ion	Ratio	Lower	Upper
82	100		
128	26.3	35.7	53.5#
54	54.1	45.8	68.8

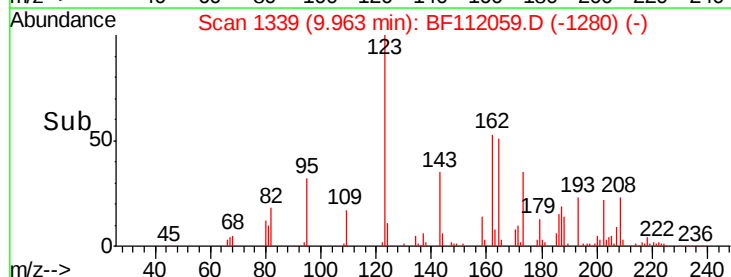
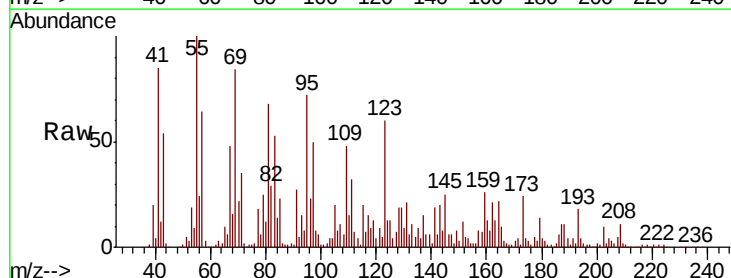
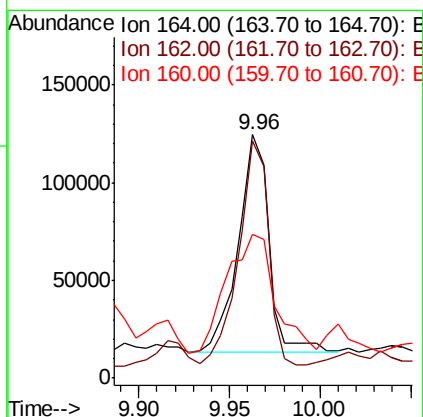
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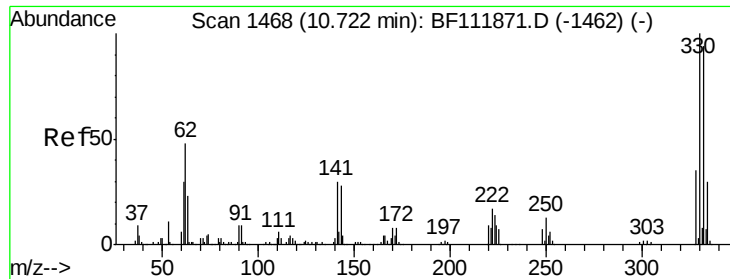
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.05 min
Lab File: BF112059.D
Acq: 14 Jan 2019 19:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.4	82.2	123.2
160	59.2	35.5	53.3#





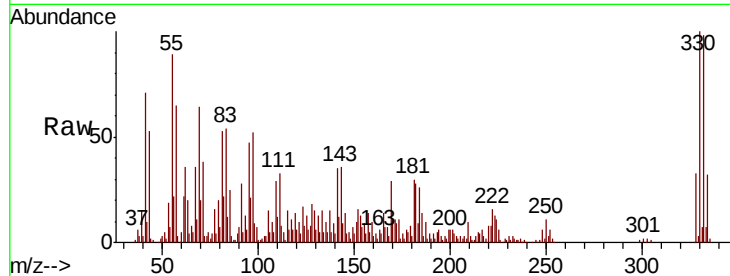
#42
 2,4,6-Tribromophenol
 Concen: 109.879 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.02 min
 Lab File: BF112059.D
 Acq: 14 Jan 2019 19:08

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-19(10-15)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	187993		
332	96.6	76.9	115.3	
141	26.1	23.7	35.5	

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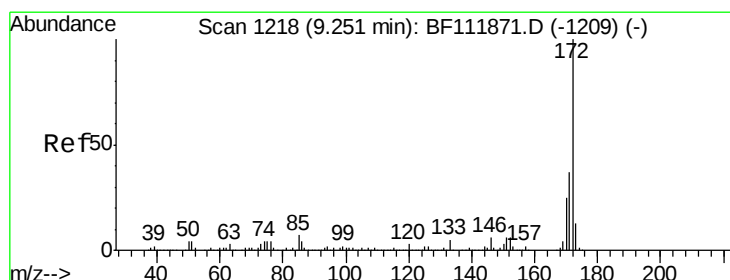
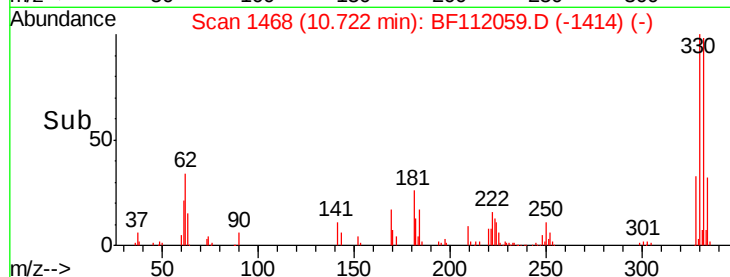
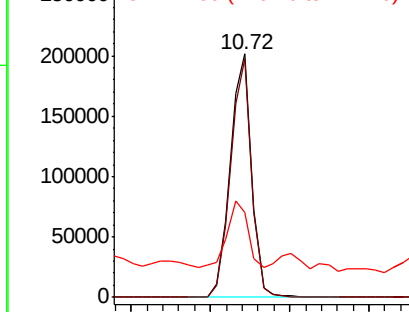


Abundance

Ion 329.80 (329.50 to 330.50): E

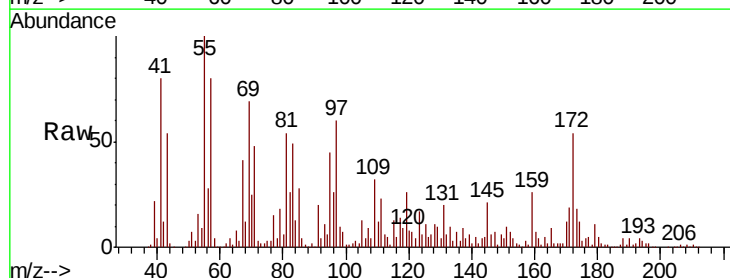
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 71.563 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.05 min
 Lab File: BF112059.D
 Acq: 14 Jan 2019 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	645538		
171	35.2	29.6	44.4	
170	22.4	19.8	29.8	

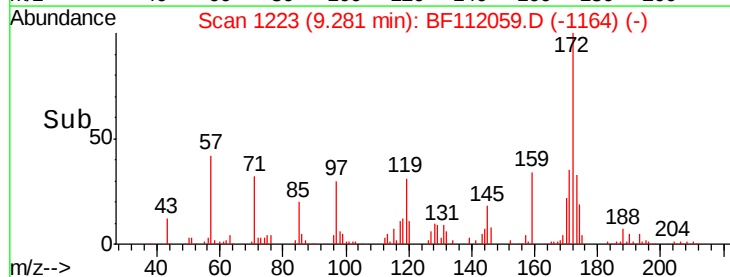
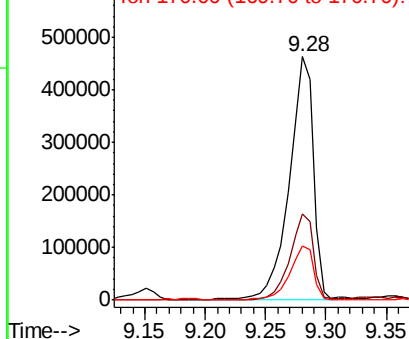


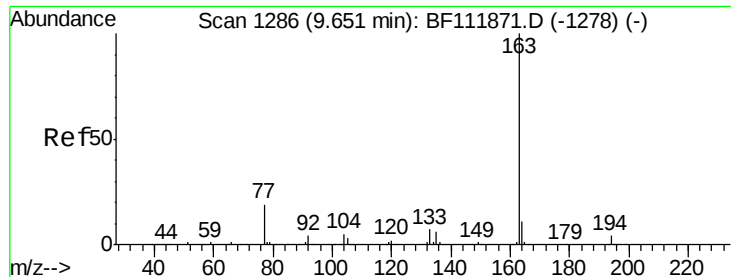
Abundance

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: 21.870 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.02 min

Lab File: BF112059.D

Acq: 14 Jan 2019 19:08

Instrument :

BNA_F

ClientSampled :

CPSB-19(10-15)

Tot Ion:163 Resp: 216098

Ion Ratio Lower Upper

163 100

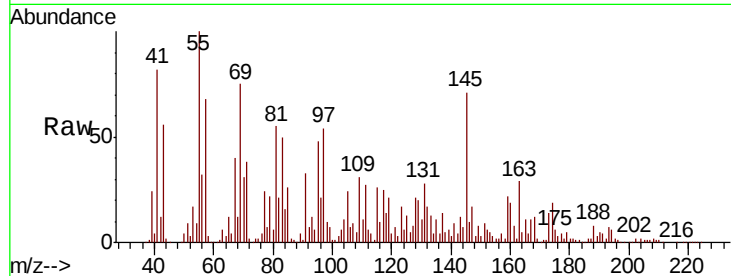
194 20.7 3.4 5.2#

164 16.4 8.5 12.7#

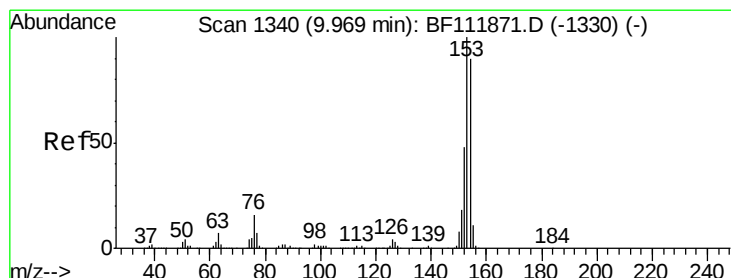
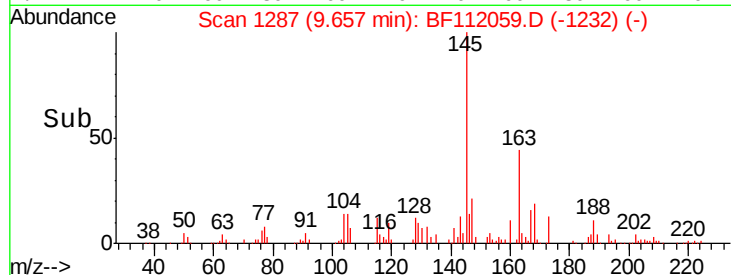
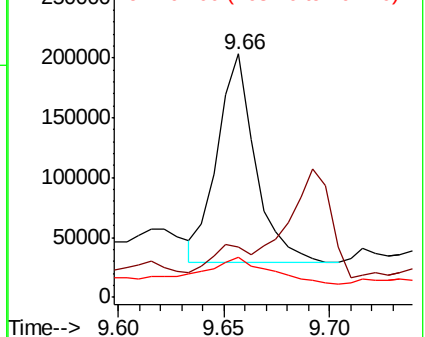
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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#52

Acenaphthene

Concen: 23.623 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.05 min

Lab File: BF112059.D

Acq: 14 Jan 2019 19:08

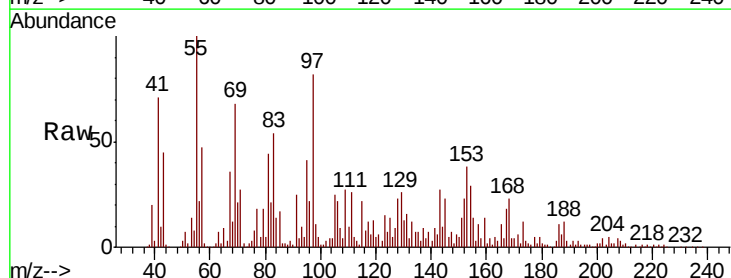
Tgt Ion:154 Resp: 194427

Ion Ratio Lower Upper

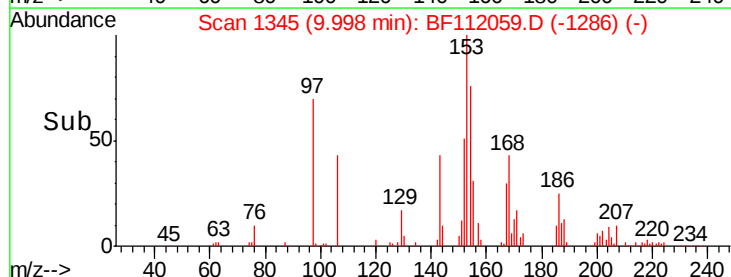
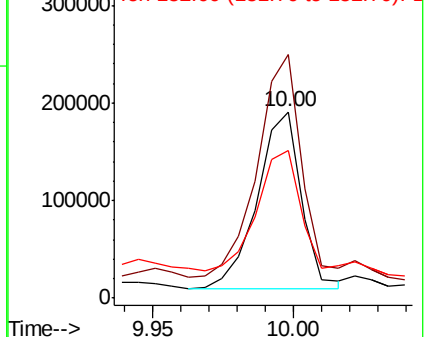
154 100

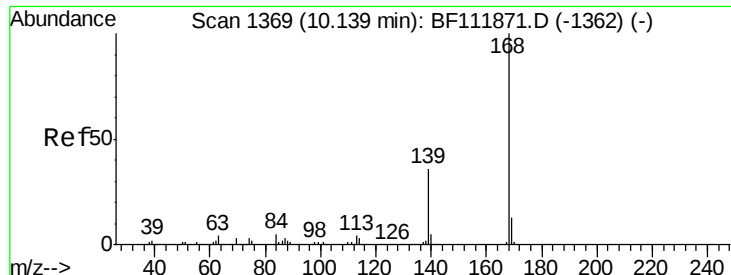
153 130.8 89.4 134.0

152 79.6 43.1 64.7#



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: 19.939 ng m

RT: 10.16 min Scan# 1372

Delta R.T. 0.04 min

Lab File: BF112059.D

Acq: 14 Jan 2019 19:08

Instrument :

BNA_F

ClientSampleId :

CPSB-19(10-15)

Tot Ion:168 Resp: 238672

Ion Ratio Lower Upper

168 100

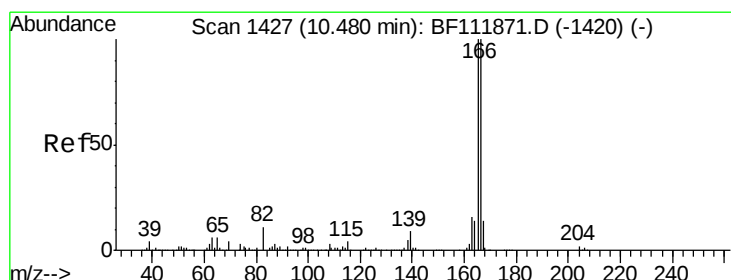
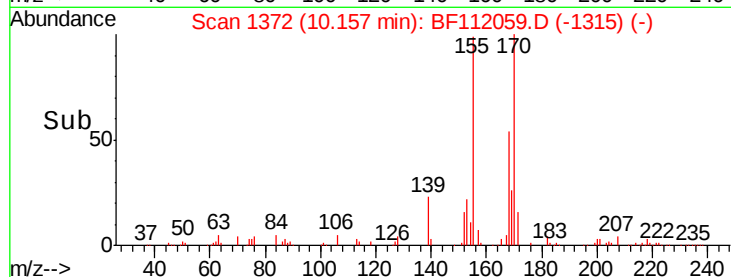
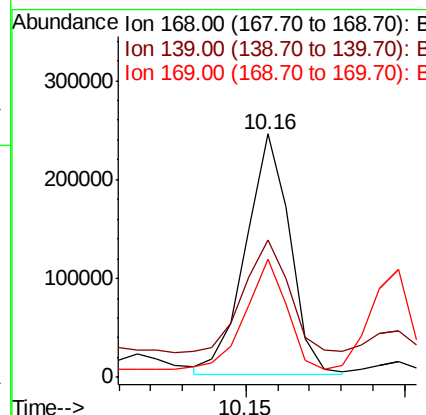
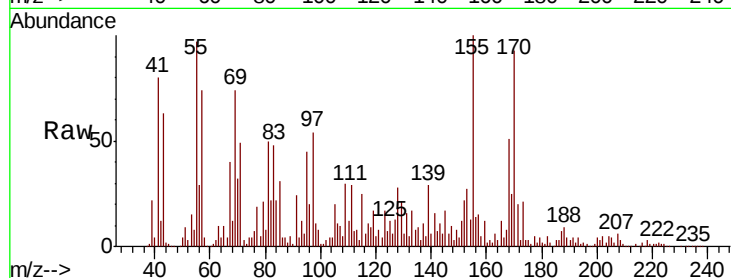
139 56.5 29.3 43.9#

169 48.3 10.6 16.0#

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#58

Fluorene

Concen: 37.866 ng m

RT: 10.49 min Scan# 1428

Delta R.T. 0.02 min

Lab File: BF112059.D

Acq: 14 Jan 2019 19:08

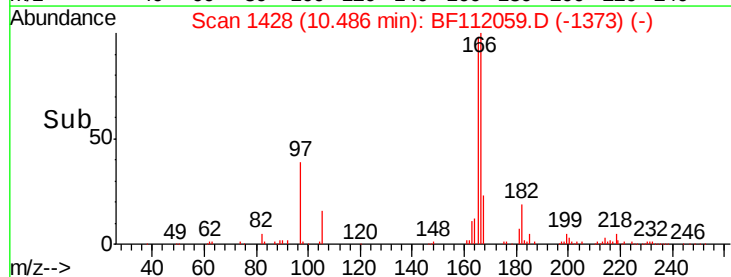
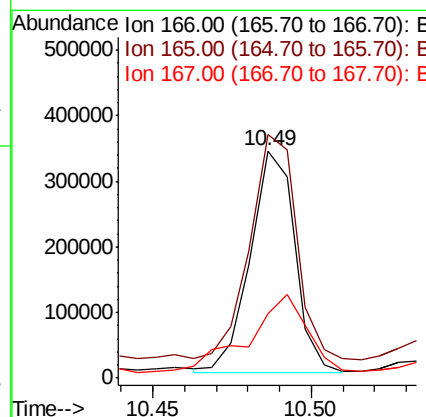
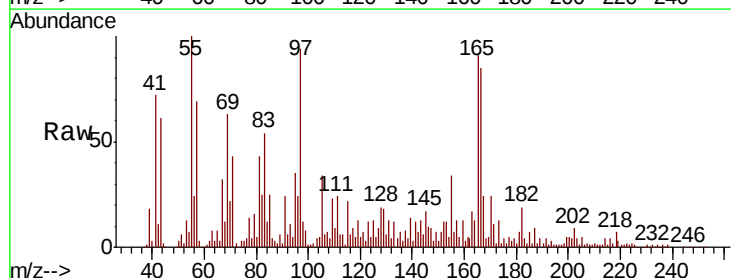
Tgt Ion:166 Resp: 329802

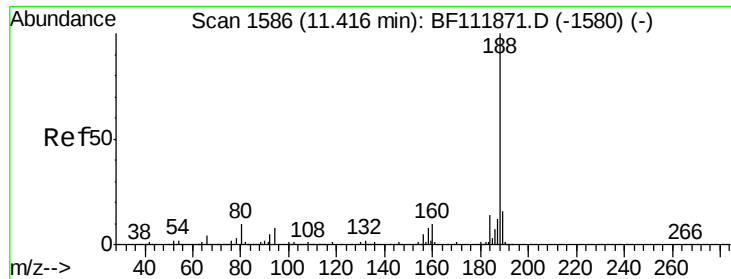
Ion Ratio Lower Upper

166 100

165 107.0 79.7 119.5

167 28.0 11.1 16.7#





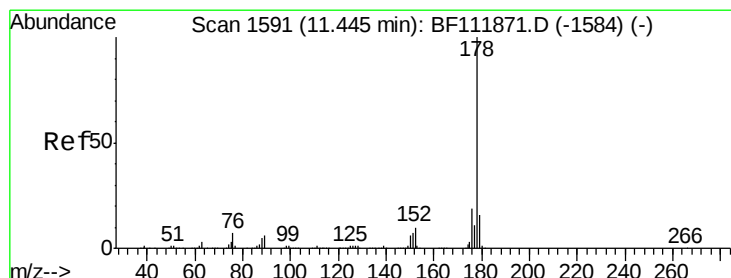
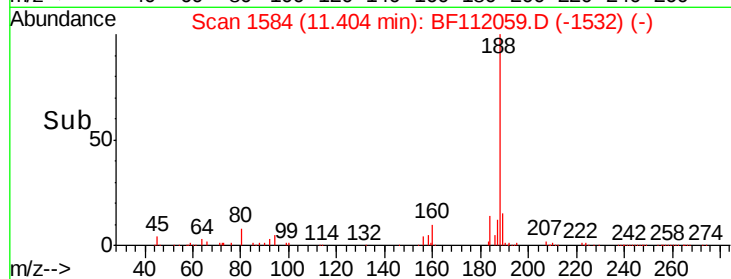
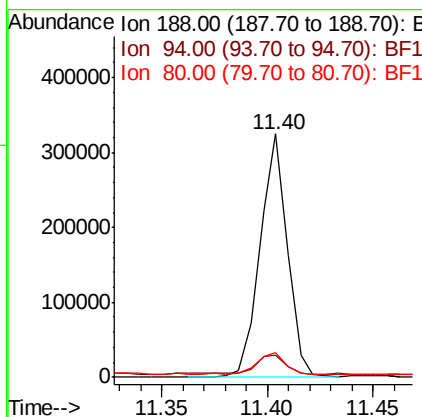
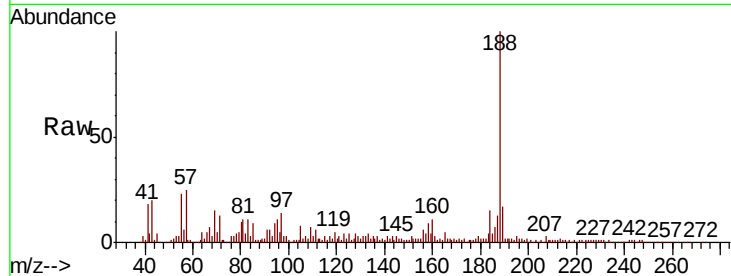
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF112059.D
Acq: 14 Jan 2019 19:08

Instrument :
BNA_F
ClientSampleId :
CPSB-19(10-15)

Tot Ion	Ratio	Resp	Lower	Upper
188	100	288703		
94	8.9	6.6	10.0	
80	10.2	7.7	11.5	

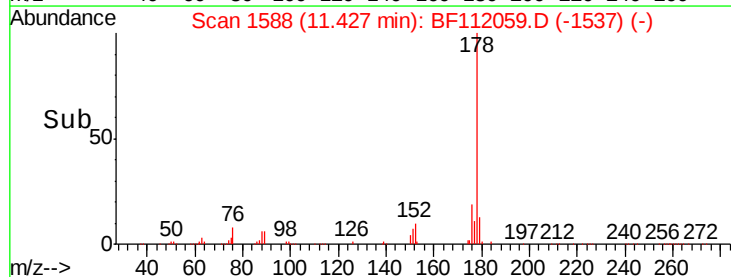
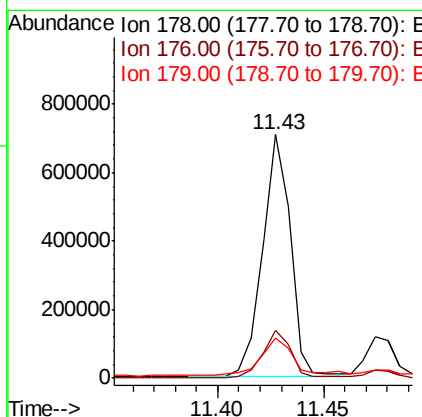
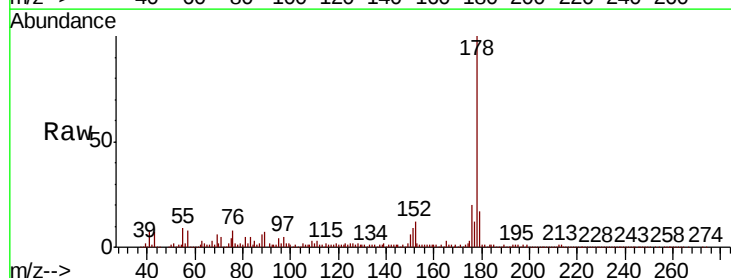
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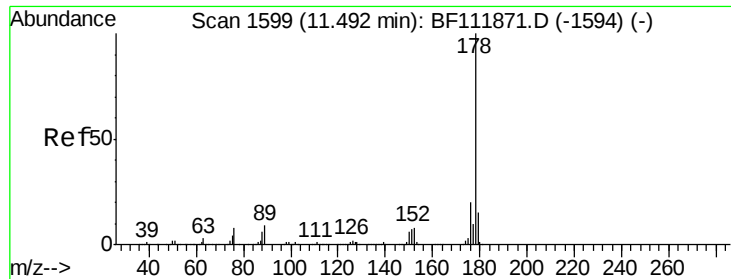
Sohil
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#71
Phenanthrene
Concen: 42.110 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF112059.D
Acq: 14 Jan 2019 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	649986		
176	19.6	15.6	23.4	
179	16.7	12.6	18.8	





#72

Anthracene

Concen: 6.430 ng/mL

RT: 11.47 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BF112059.D

Acq: 14 Jan 2019 19:08

Instrument :

BNA_F

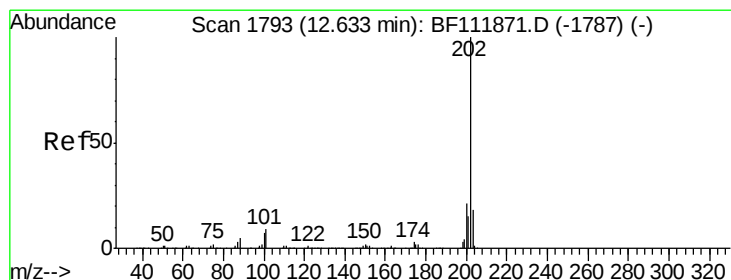
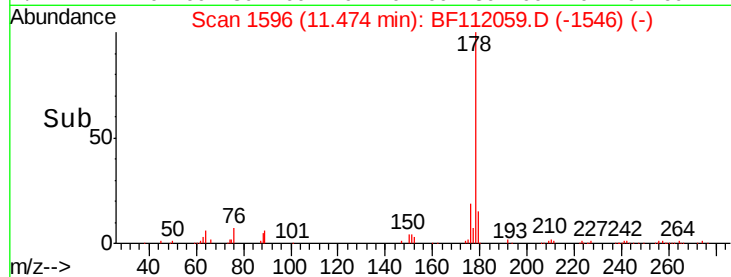
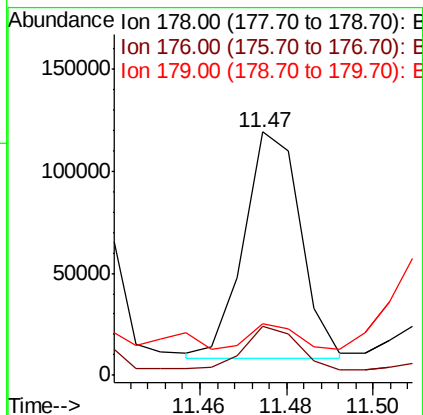
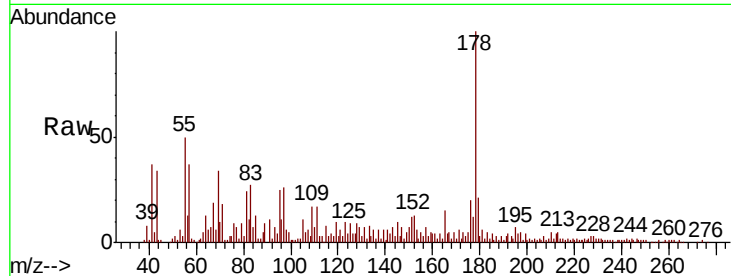
ClientSampled :

CPSB-19(10-15)

Tot Ion:	178	Resp:	100750
Ion Ratio	Lower	Upper	
178	100		
176	20.4	15.7	23.5
179	21.0	12.4	18.6

Manual Integrations
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#75

Fluoranthene

Concen: 26.880 ng/mL

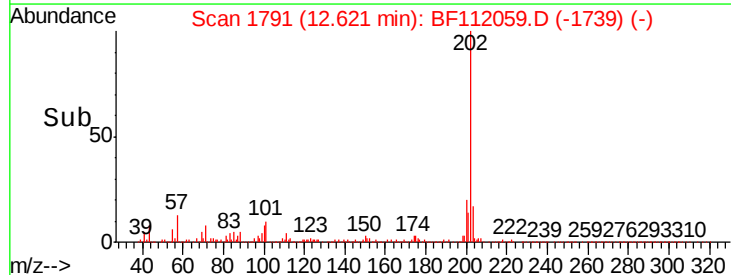
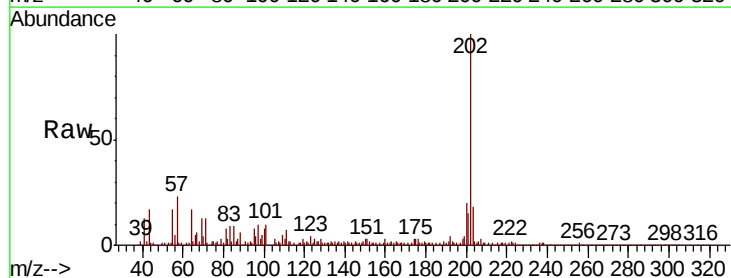
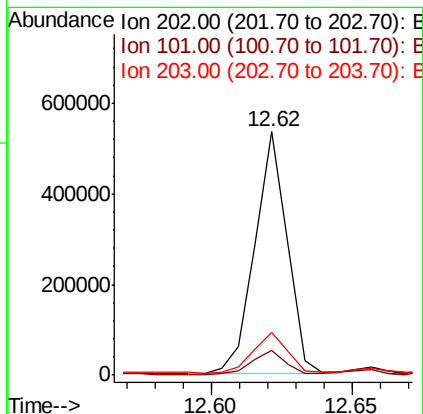
RT: 12.62 min Scan# 1791

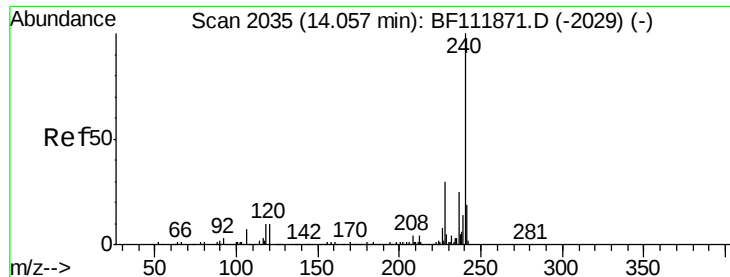
Delta R.T. 0.01 min

Lab File: BF112059.D

Acq: 14 Jan 2019 19:08

Tgt Ion:	202	Resp:	425940
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	29.3
203	17.5	0.0	37.6





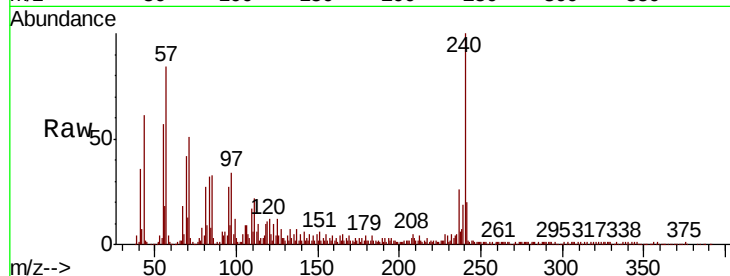
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF112059.D
Acq: 14 Jan 2019 19:08

Instrument :
BNA_F
ClientSampleId :
CPSB-19(10-15)

Tot Ion	Ratio	Resp	Lower	Upper
240	100	277813		
120	11.9	8.2	12.2	
236	26.2	20.2	30.4	

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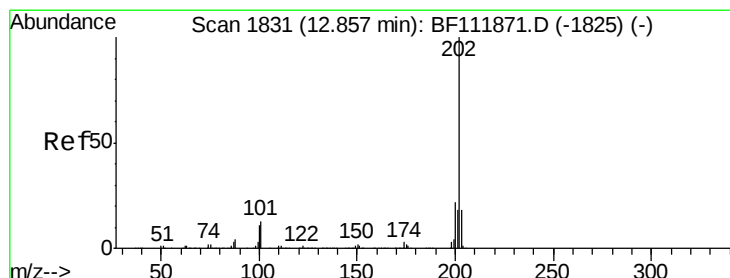
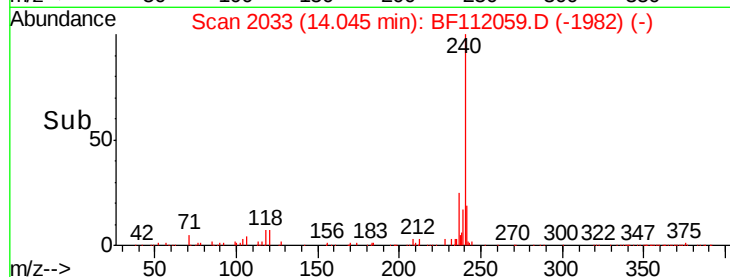
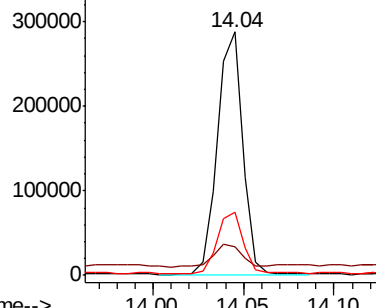


Abundance

Ion 240.00 (239.70 to 240.70): E

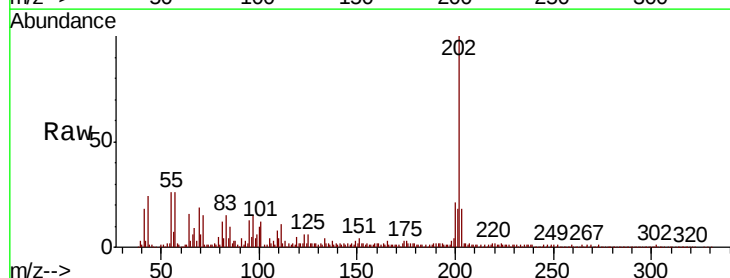
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78
Pyrene
Concen: 19.776 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BF112059.D
Acq: 14 Jan 2019 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	378018		
200	21.4	17.4	26.2	
203	18.0	14.6	21.8	

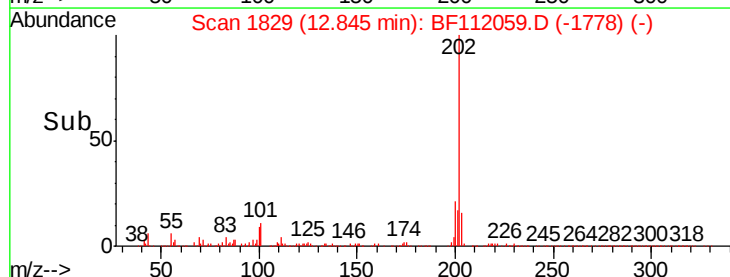
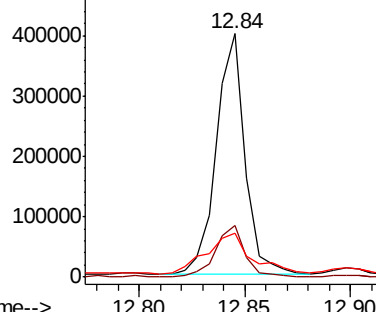


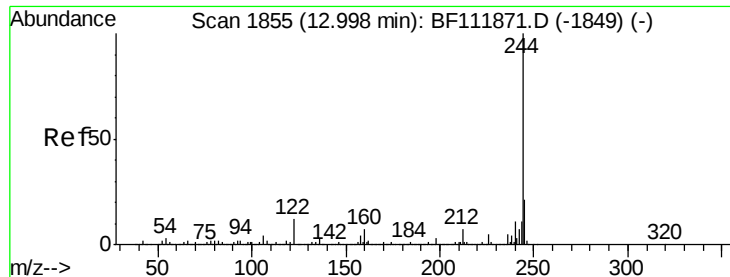
Abundance

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





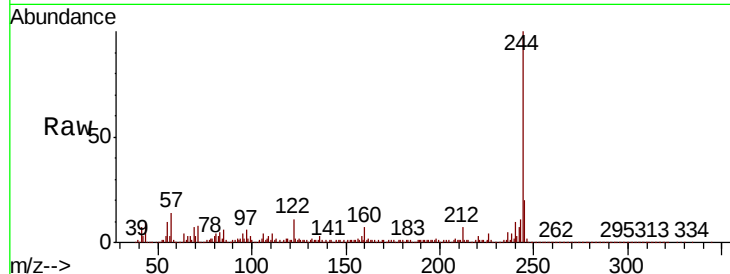
#79
 Terphenyl-d14
 Concen: 63.726 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF112059.D
 Acq: 14 Jan 2019 19:08

Instrument :
 BNA_F
 ClientSampled :
 CPSB-19(10-15)

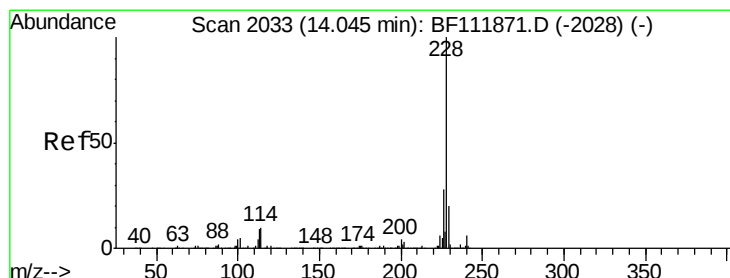
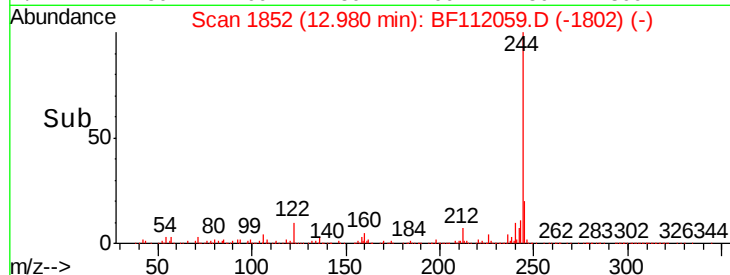
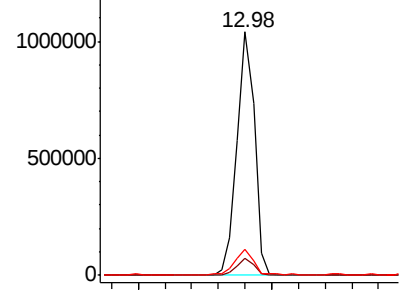
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	10.5	9.5	14.3

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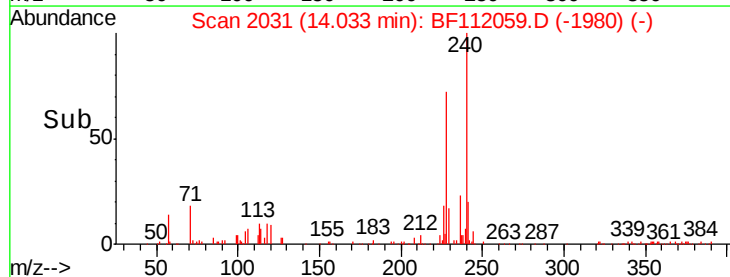
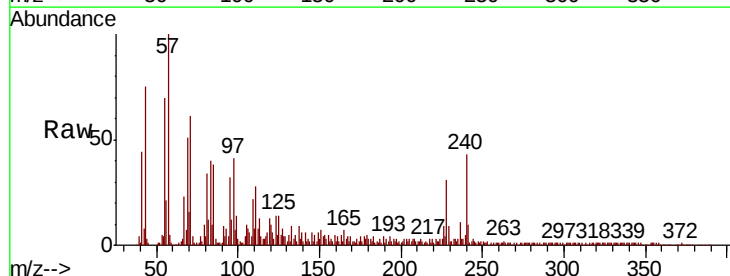
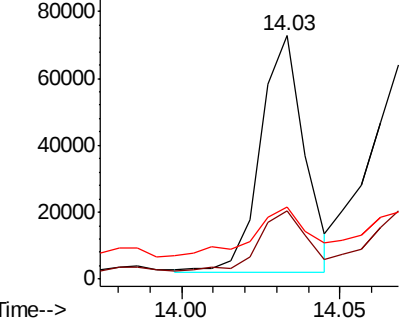
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

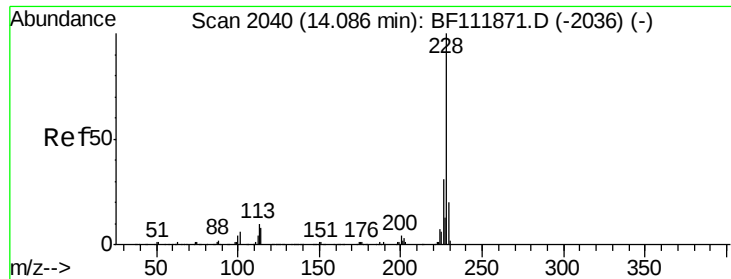


#81
 Benzo(a)anthracene
 Concen: 4.315 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BF112059.D
 Acq: 14 Jan 2019 19:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.2	33.2
229	29.8	16.2	24.2#

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





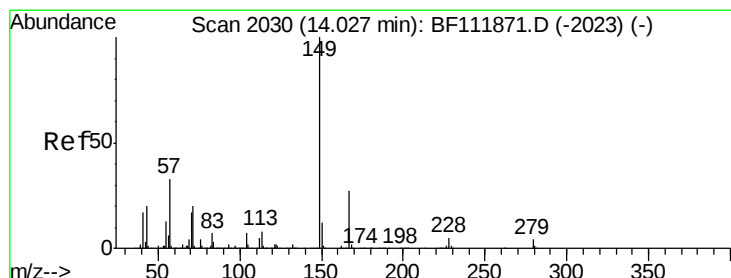
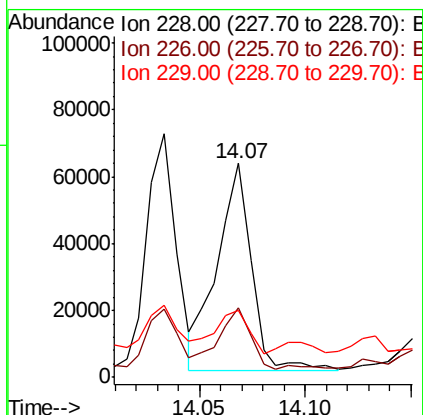
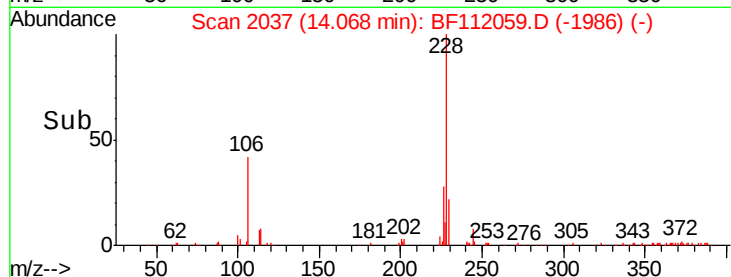
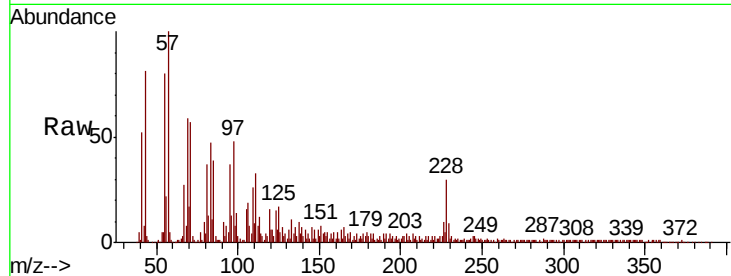
#83
Chrysene
Concen: 4.615 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BF112059.D
Acq: 14 Jan 2019 19:08

Instrument :
BNA_F
ClientSampleId :
CPSB-19(10-15)

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.6	37.0
229	31.2	15.7	23.5

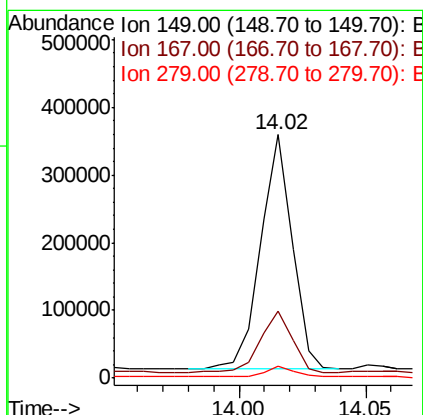
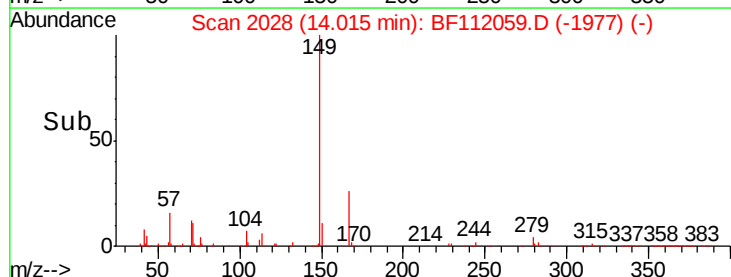
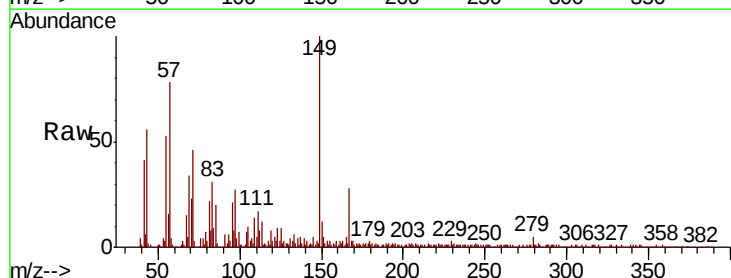
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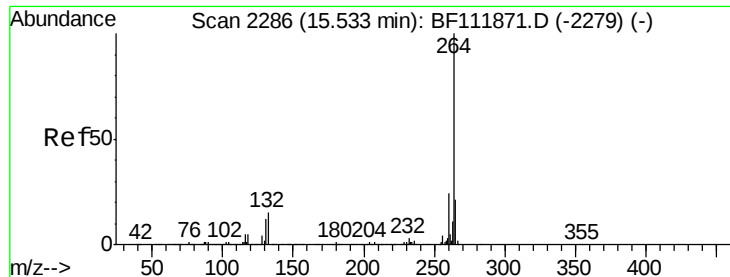
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#84
Bis(2-ethylhexyl)phthalate
Concen: 28.300 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF112059.D
Acq: 14 Jan 2019 19:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.5	32.3
279	4.6	3.0	4.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2286

Delta R.T. 0.02 min

Lab File: BF112059.D

Acq: 14 Jan 2019 19:08

Instrument :

BNA_F

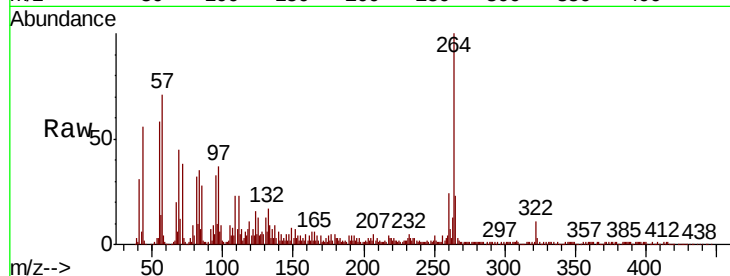
ClientSampleId :

CPSB-19(10-15)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.5	17.1	25.7

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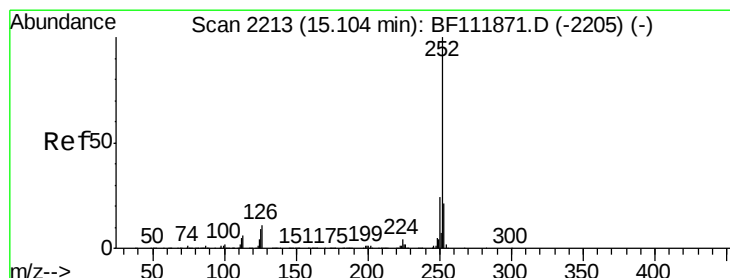
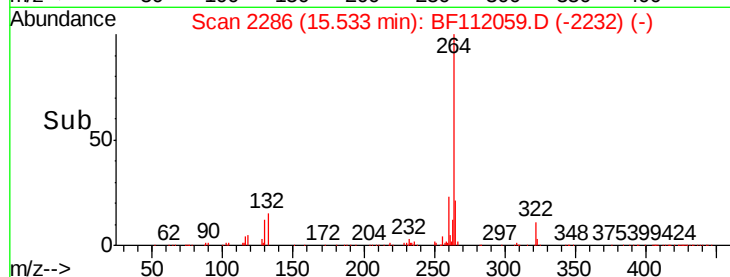
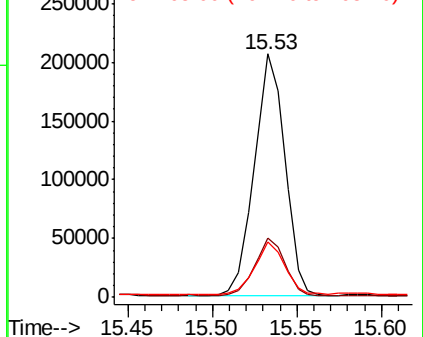


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 4.238 ng m

RT: 15.10 min Scan# 2212

Delta R.T. 0.01 min

Lab File: BF112059.D

Acq: 14 Jan 2019 19:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.5	17.0	25.6#
125	89.3	7.1	10.7#

Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

