

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010819\
 Data File : BF111920.D
 Acq On : 8 Jan 2019 21:12
 Operator : JU/SJ
 Sample : K1044-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-11(20-25)

Manual Integrations
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Sohil
 1/9/2019 10:36:49 AM

Quant Time: Jan 09 01:25:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	121997	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	352501	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	137012	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	281390	20.00	ng	0.00
76) Chrysene-d12	14.05	240	255461	20.00	ng	0.00
87) Perylene-d12	15.54	264	175688	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	570016	79.94	ng	0.00
7) Phenol-d6	6.53	99	741050	80.63	ng	0.00
23) Nitrobenzene-d5	7.44	82	430456	65.26	ng	-0.02
42) 2,4,6-Tribromophenol	10.71	330	158753	89.08	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	644964	68.64	ng	-0.01
79) Terphenyl-d14	13.00	244	760766	56.53	ng	0.00
Target Compounds						
10) Phenol	6.54	94	43083	4.313	ng	Qvalue # 78
50) Dimethylphthalate	9.63	163	92515	8.989	ng	99
52) Acenaphthene	9.96	154	23024	2.686	ng	91
58) Fluorene	10.47	166	29142	3.212	ng	100
71) Phenanthrene	11.43	178	147984	9.836	ng	99
72) Anthracene	11.49	178	48316	3.164	ng	98
75) Fluoranthene	12.63	202	192344	12.454	ng	99
78) Pyrene	12.86	202	188497	10.724	ng	99
81) Benzo(a)anthracene	14.04	228	74614	5.075	ng	96
83) Chrysene	14.08	228	68543m	4.890	ng	
86) Indeno(1,2,3-cd)pyrene	17.03	276	20555	2.011	ng	95
88) Benzo(b)fluoranthene	15.10	252	53145m	5.057	ng	
90) Benzo(a)pyrene	15.47	252	37161	4.021	ng	# 79
92) Benzo(a,h,i)perylene	17.48	276	26251	3.611	ng	# 79

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

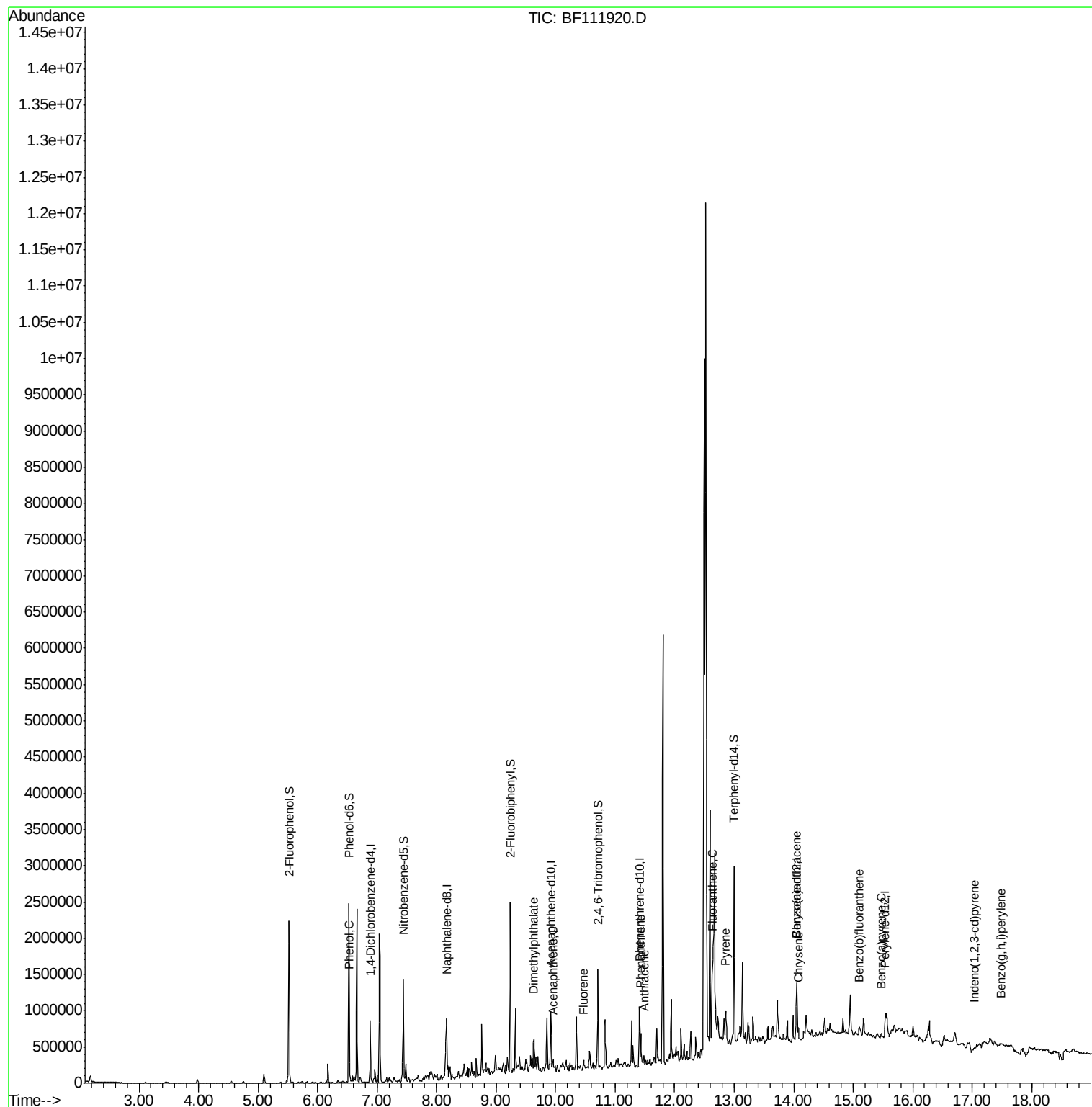
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010819\
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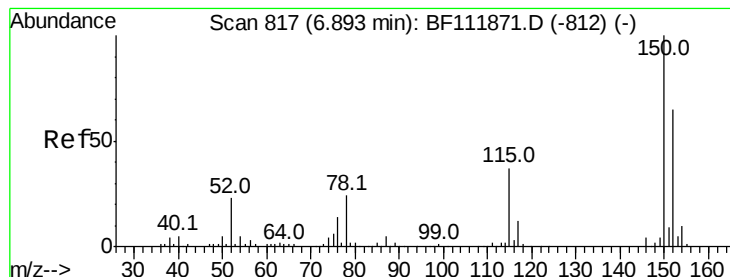
Instrument :
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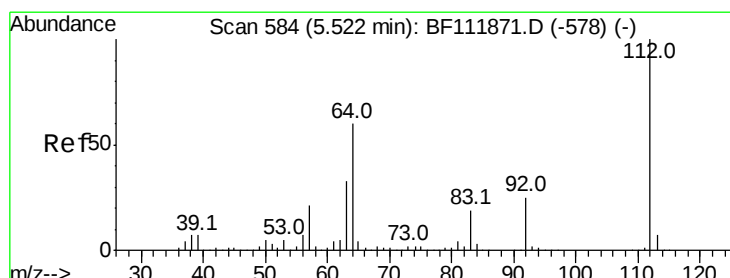
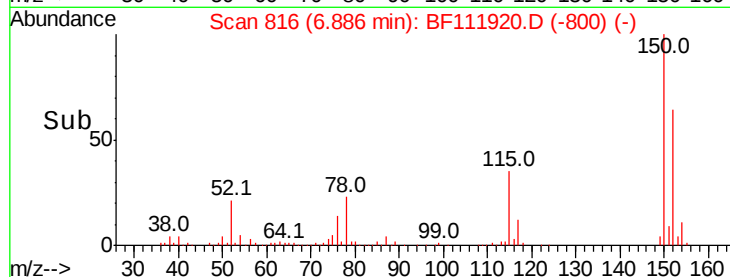
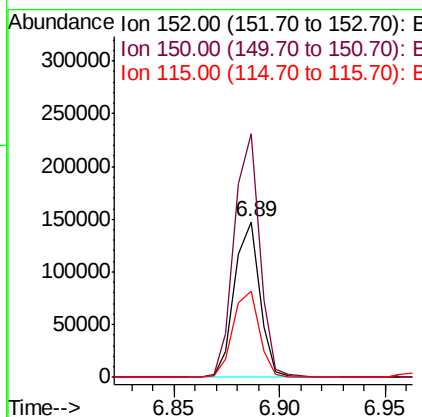
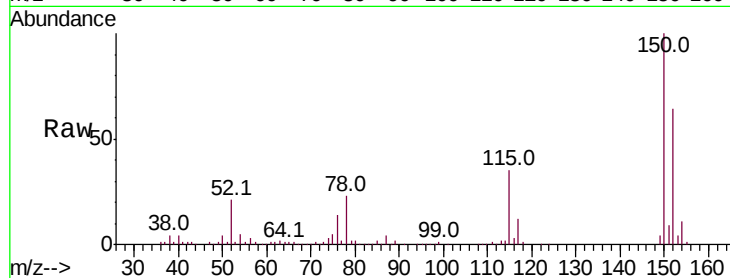
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF111920.D
 Acq: 8 Jan 2019 21:12

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-11(20-25)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	122.7	184.1
115	55.0	45.2	67.8

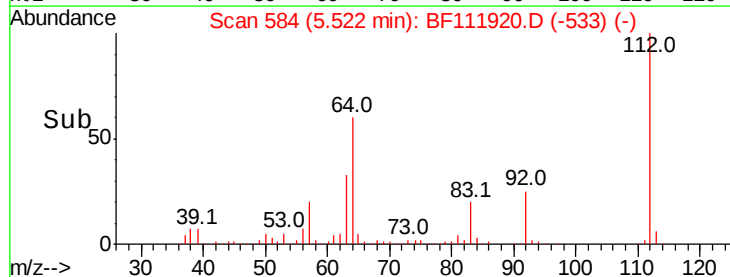
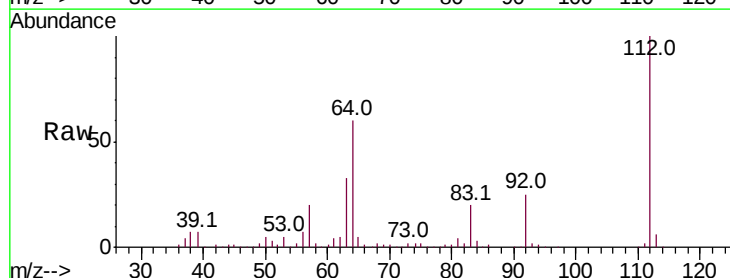
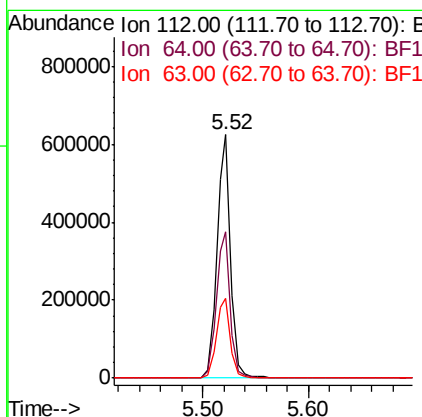
Manual Integrations
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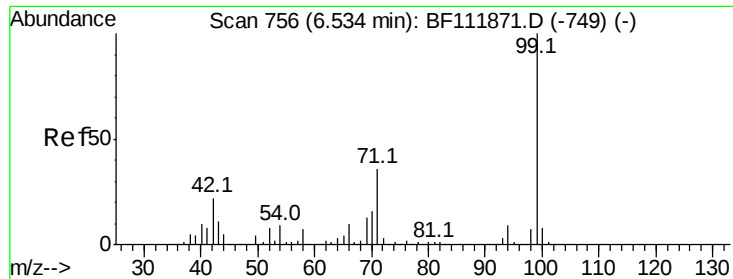
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#5
 2-Fluorophenol
 Concen: 79.936 ng
 RT: 5.52 min Scan# 584
 Delta R.T. -0.00 min
 Lab File: BF111920.D
 Acq: 8 Jan 2019 21:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	48.3	72.5
63	33.0	26.1	39.1





#7

Phenol-d6

Concen: 80.629 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111920.D

Acq: 8 Jan 2019 21:12

Instrument :

BNA_F

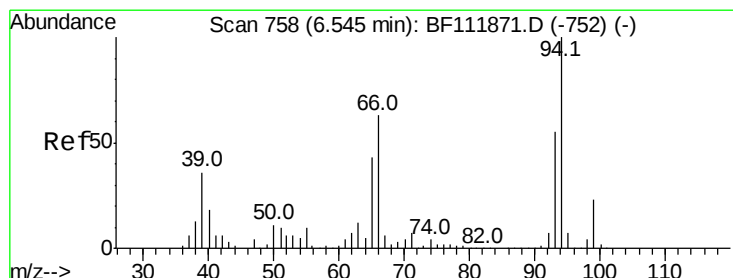
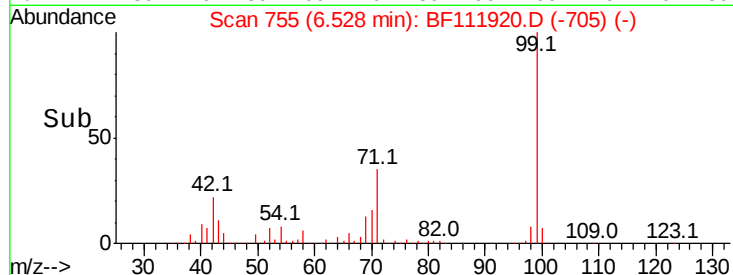
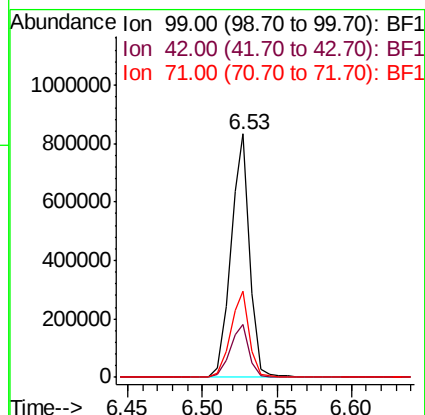
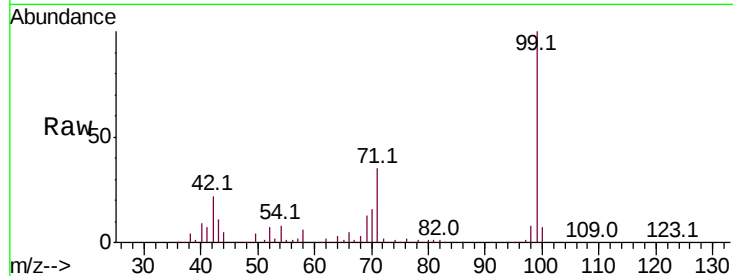
ClientSampleId :

CPSB-11(20-25)

Tot Ion:	99	Resp:	741050
Ion Ratio	Lower	Upper	
99	100		
42	21.6	17.9	26.9
71	35.1	28.7	43.1

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#10

Phenol

Concen: 4.313 ng

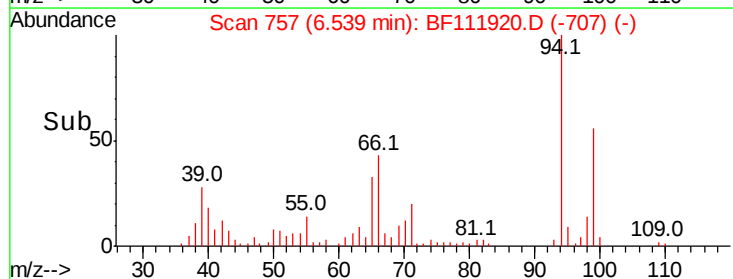
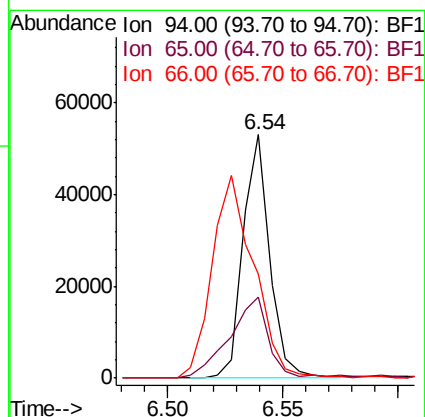
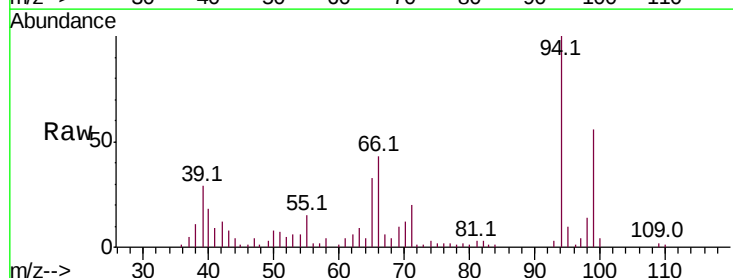
RT: 6.54 min Scan# 757

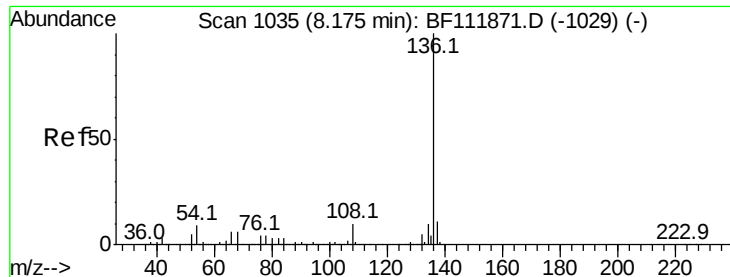
Delta R.T. -0.01 min

Lab File: BF111920.D

Acq: 8 Jan 2019 21:12

Tgt Ion:	94	Resp:	43083
Ion Ratio	Lower	Upper	
94	100		
65	33.3	22.8	62.8
66	43.0	43.3	83.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF111920.D

Acq: 8 Jan 2019 21:12

Instrument :

BNA_F

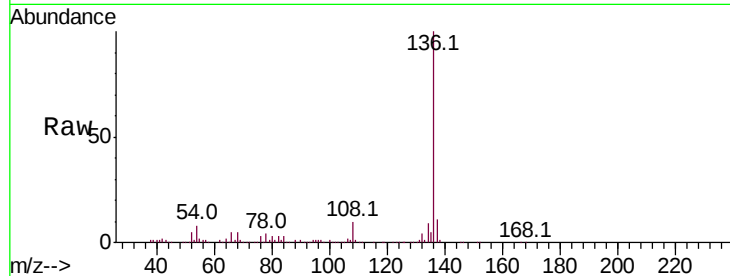
ClientSampleId :

CPSB-11(20-25)

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	9.1	13.7	
54	7.8	7.2	10.8	
68	4.9	4.4	6.6	

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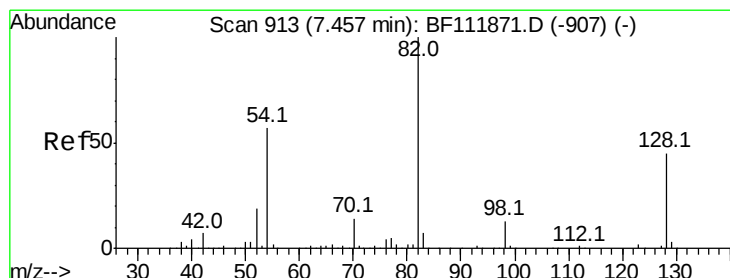
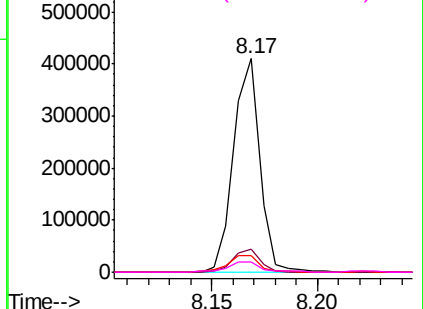
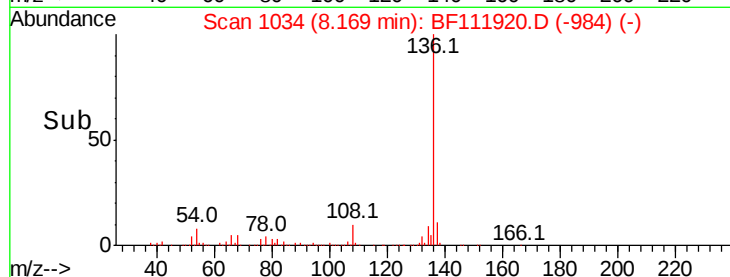
Abundance

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: 65.265 ng

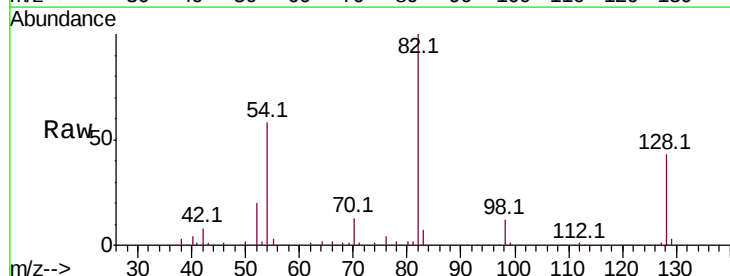
RT: 7.44 min Scan# 910

Delta R.T. -0.02 min

Lab File: BF111920.D

Acq: 8 Jan 2019 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.0	35.7	53.5	
54	58.5	45.8	68.8	

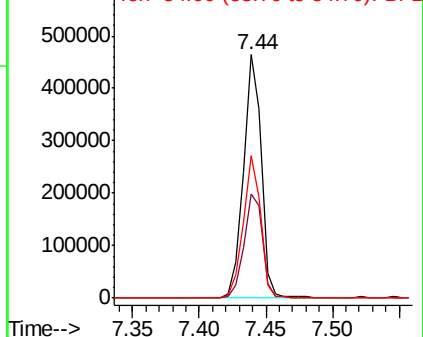
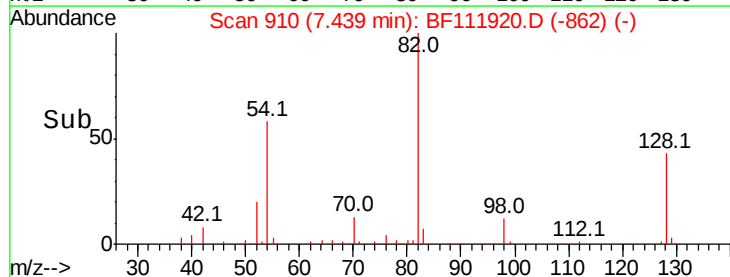


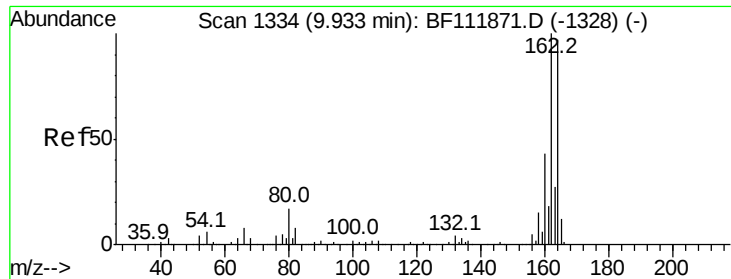
Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





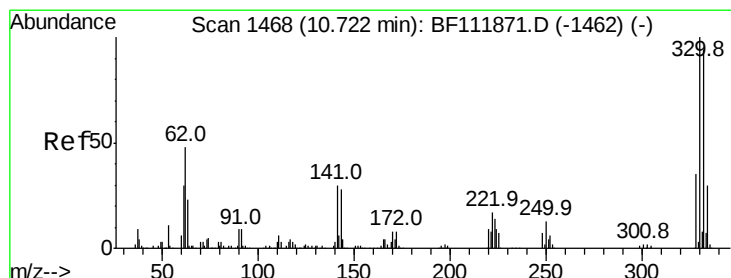
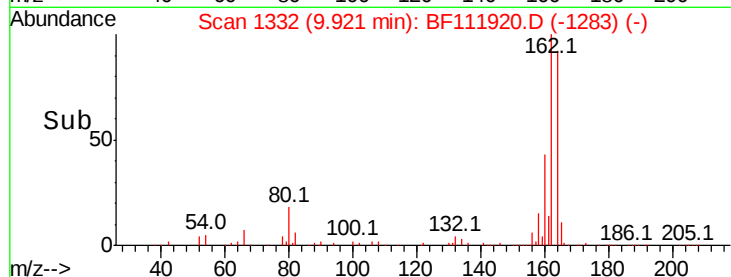
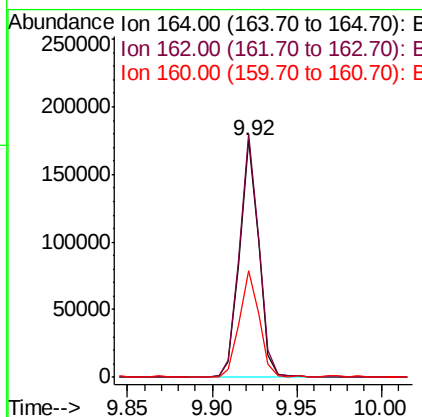
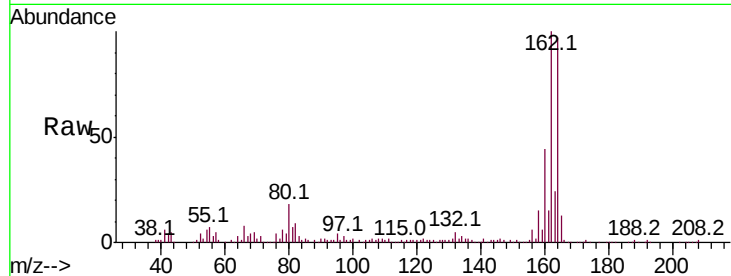
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF111920.D
Acq: 8 Jan 2019 21:12

Instrument :
BNA_F
ClientSampleId :
CPSB-11(20-25)

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.2	123.2
160	45.0	35.5	53.3

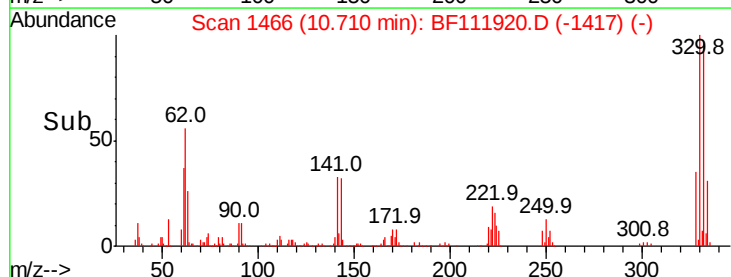
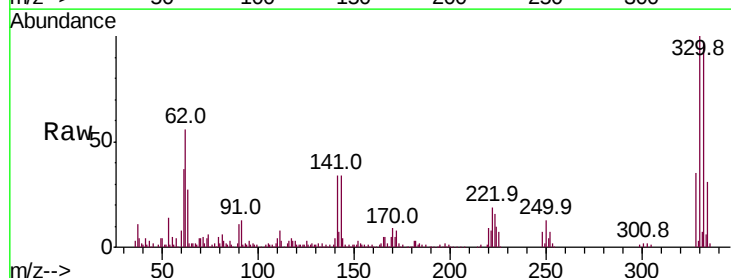
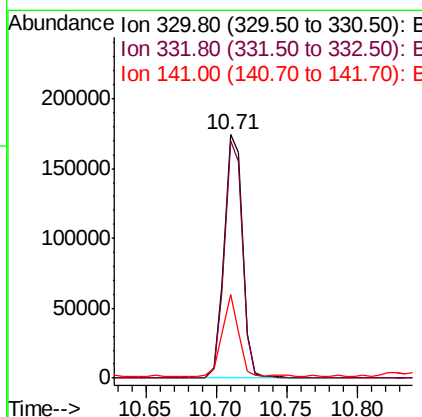
Manual Integrations
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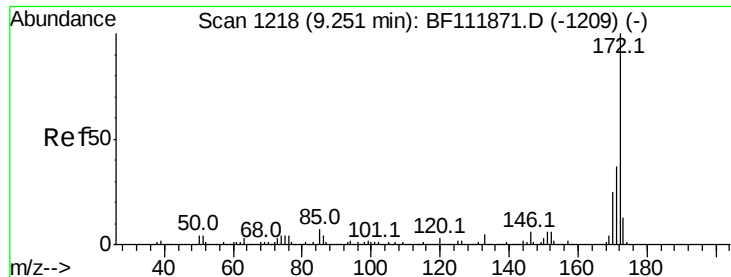
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#42
2,4,6-Tribromophenol
Concen: 89.081 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF111920.D
Acq: 8 Jan 2019 21:12

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.9	115.3
141	29.1	23.7	35.5





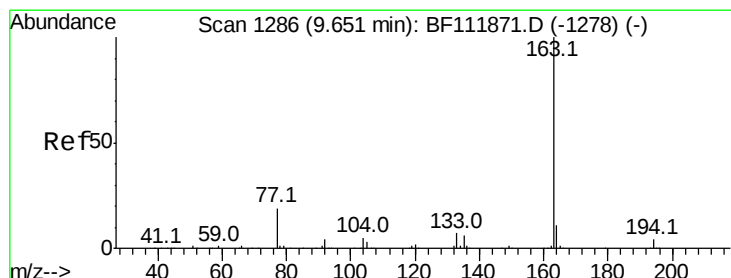
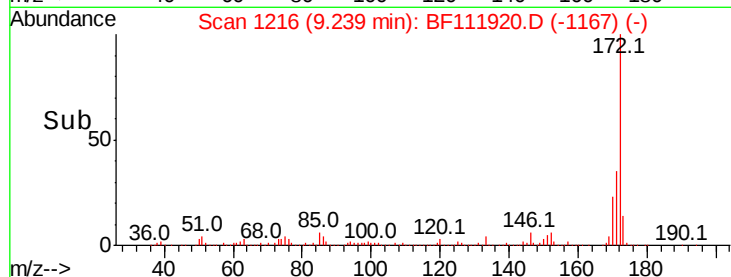
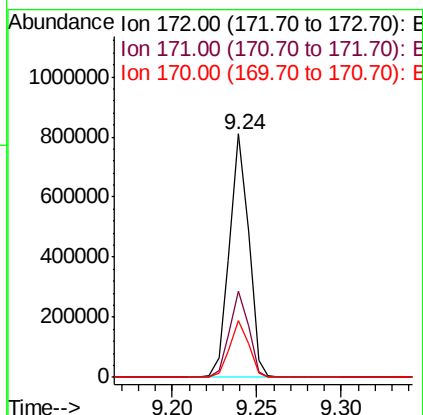
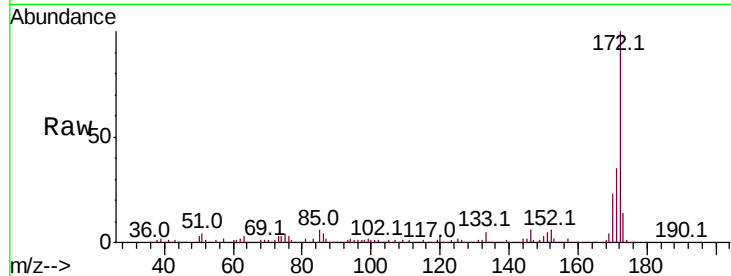
#45
2-Fluorobiphenyl
Concen: 68.643 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF111920.D
Acq: 8 Jan 2019 21:12

Instrument :
BNA_F
ClientSampled :
CPSB-11(20-25)

Tot Ion	Ratio	Resp	Lower	Upper
172	100	644964		
171	35.3		29.6	44.4
170	23.5		19.8	29.8

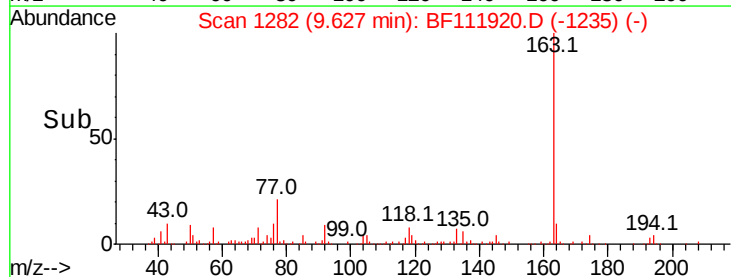
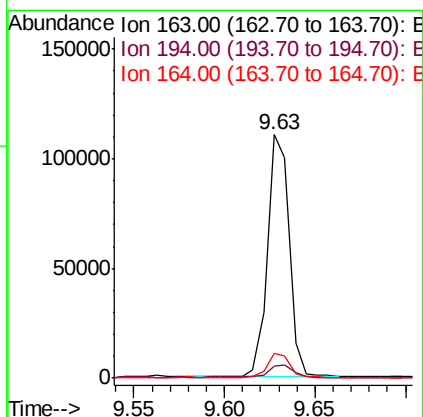
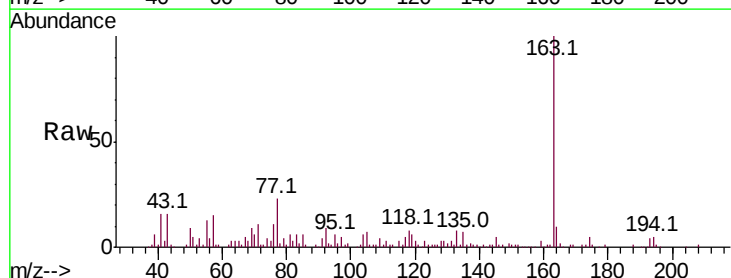
Manual Integrations
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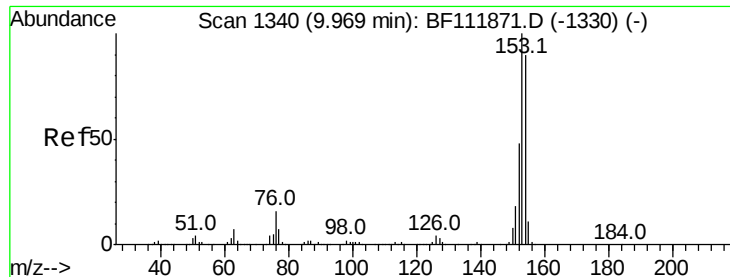
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#50
Dimethylphthalate
Concen: 8.989 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF111920.D
Acq: 8 Jan 2019 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	92515		
194	4.9		3.4	5.2
164	10.3		8.5	12.7





#52

Acenaphthene

Concen: 2.686 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF111920.D

Acq: 8 Jan 2019 21:12

Instrument :

BNA_F

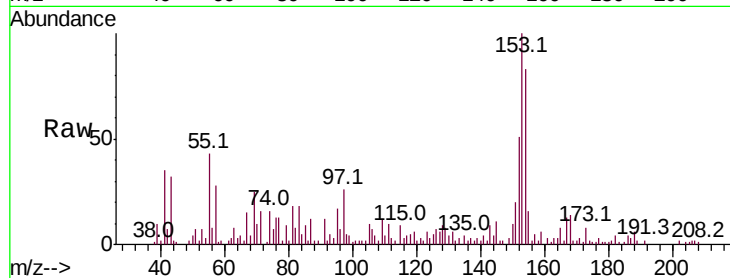
ClientSampleId :

CPSB-11(20-25)

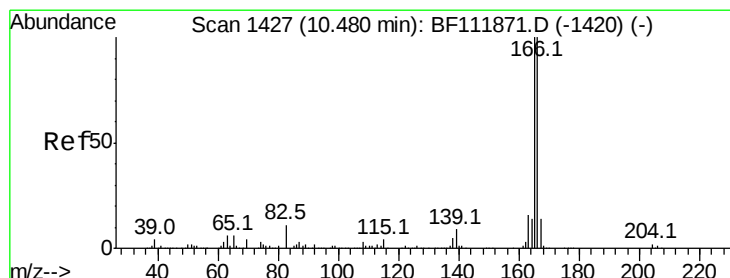
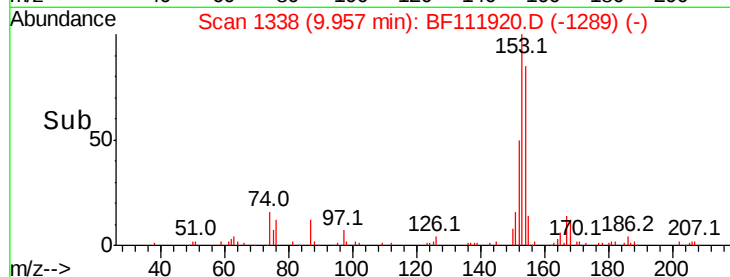
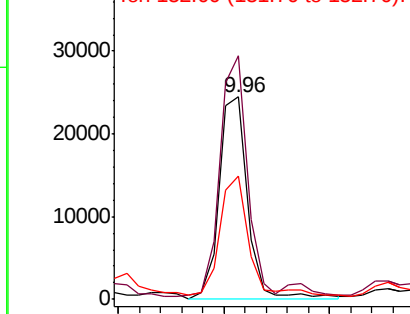
Tot Ion:	154	Resp:	23024
Ion	Ratio	Lower	Upper
154	100		
153	120.3	89.4	134.0
152	61.2	43.1	64.7

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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



#58

Fluorene

Concen: 3.212 ng

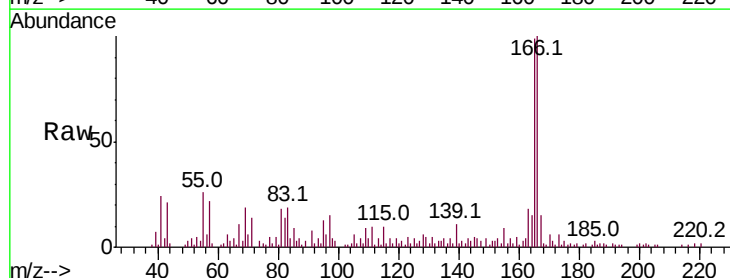
RT: 10.47 min Scan# 1425

Delta R.T. -0.01 min

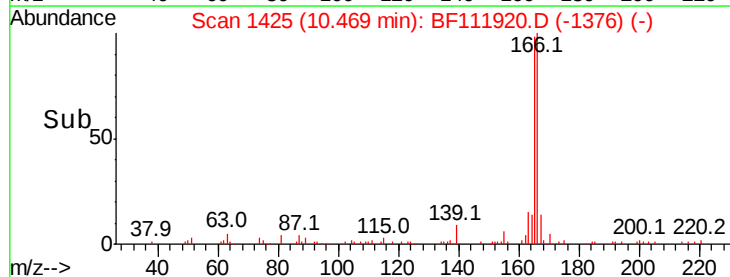
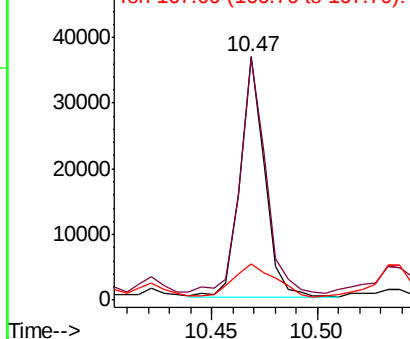
Lab File: BF111920.D

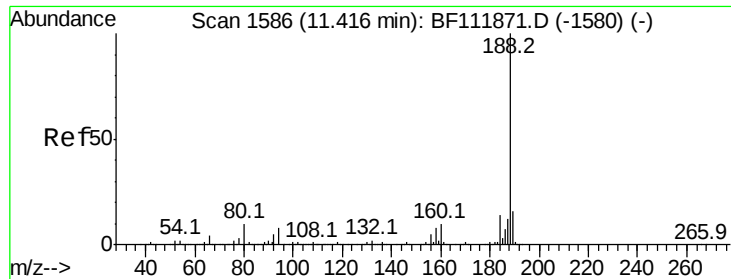
Acq: 8 Jan 2019 21:12

Tgt Ion:	166	Resp:	29142
Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.7	119.5
167	14.8	11.1	16.7



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF111920.D

Acq: 8 Jan 2019 21:12

Instrument :

BNA_F

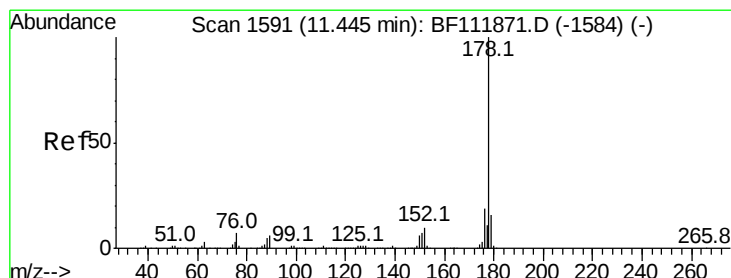
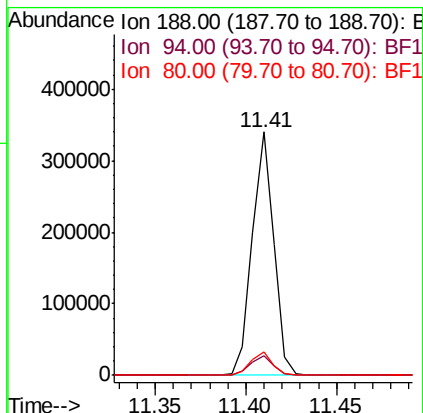
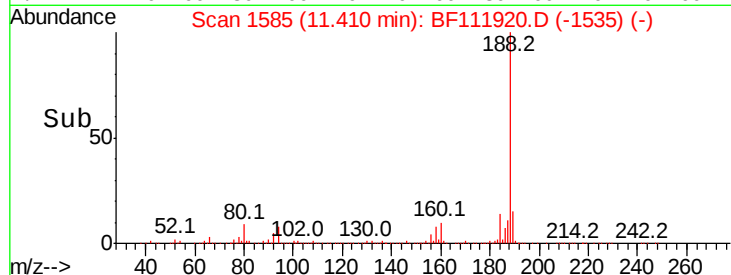
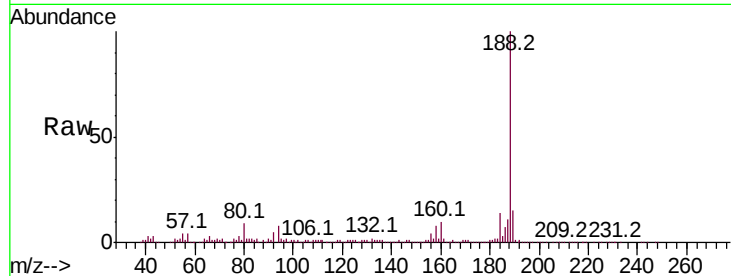
ClientSampleId :

CPSB-11(20-25)

Tot Ion:	188	Resp:	281390
Ion Ratio	Lower	Upper	
188	100		
94	8.1	6.6	10.0
80	9.5	7.7	11.5

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#71

Phenanthrene

Concen: 9.836 ng

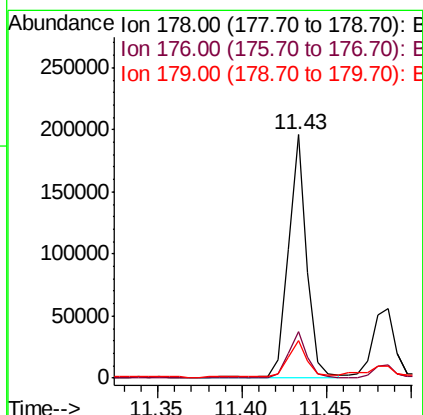
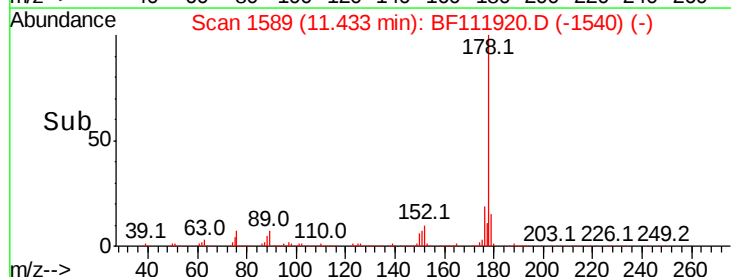
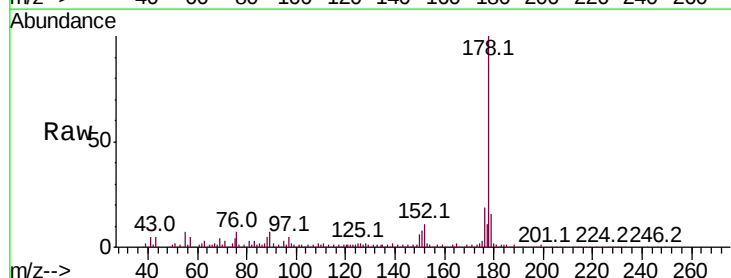
RT: 11.43 min Scan# 1589

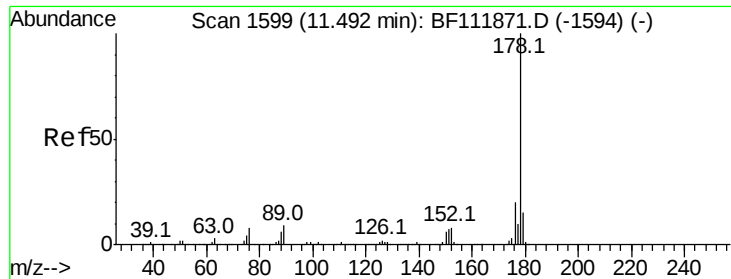
Delta R.T. -0.01 min

Lab File: BF111920.D

Acq: 8 Jan 2019 21:12

Tgt Ion:	178	Resp:	147984
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.6	23.4
179	15.6	12.6	18.8





#72

Anthracene

Concen: 3.164 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF111920.D

Acq: 8 Jan 2019 21:12

Instrument :

BNA_F

ClientSampled :

CPSB-11(20-25)

Tot Ion:178 Resp: 48316

Ion Ratio Lower Upper

178 100

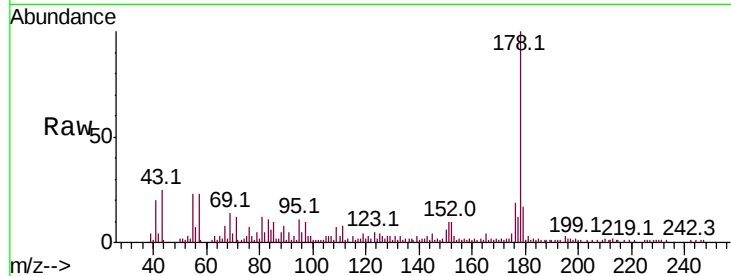
176 19.5 15.7 23.5

179 17.5 12.4 18.6

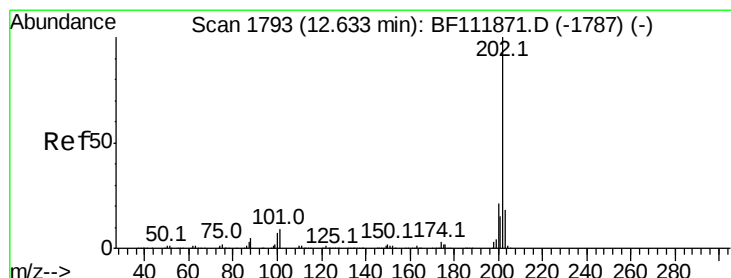
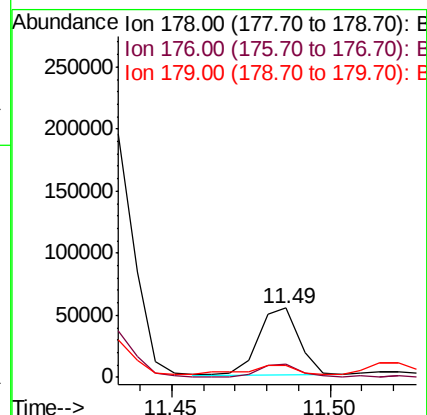
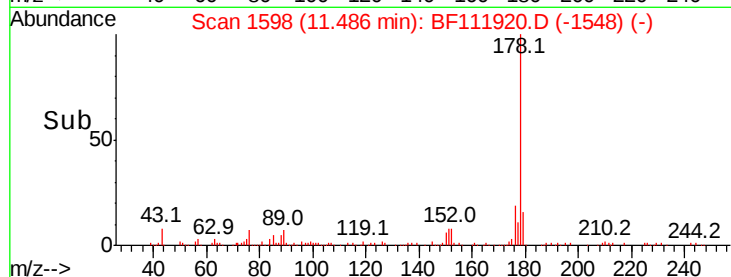
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 12.454 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF111920.D

Acq: 8 Jan 2019 21:12

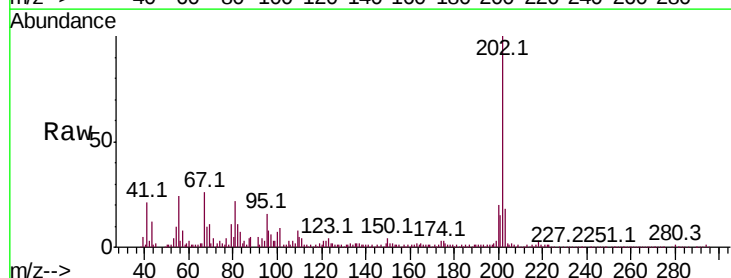
Tgt Ion:202 Resp: 192344

Ion Ratio Lower Upper

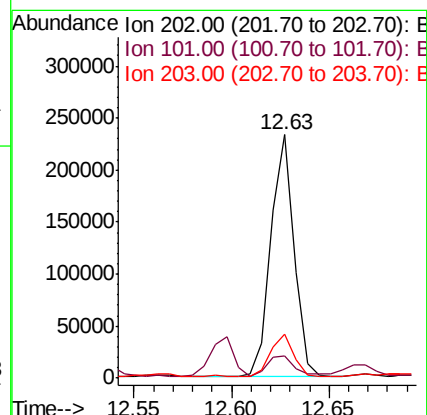
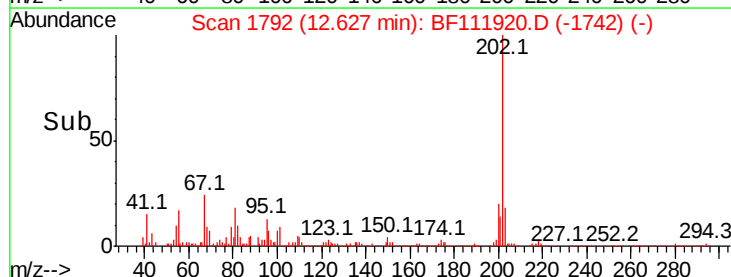
202 100

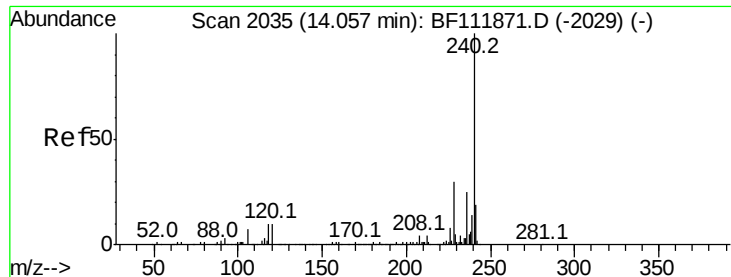
101 9.1 0.0 29.3

203 18.1 0.0 37.6



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





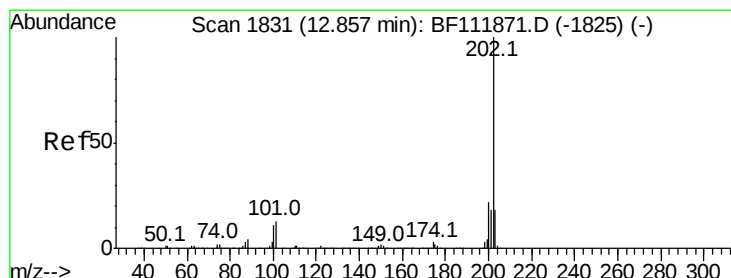
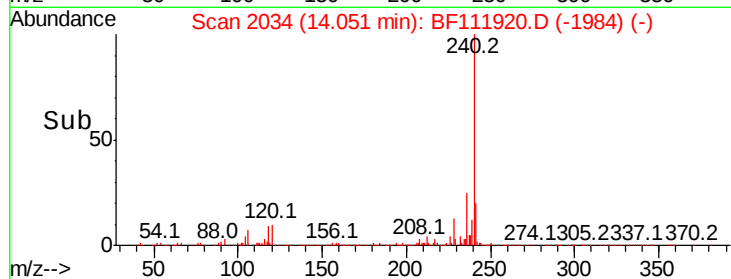
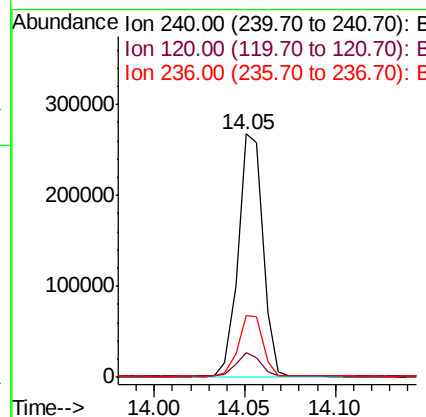
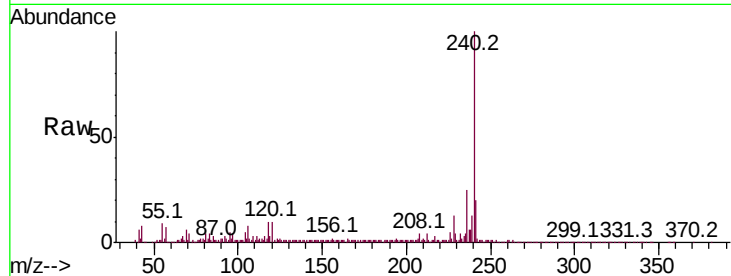
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF111920.D
Acq: 8 Jan 2019 21:12

Instrument :
BNA_F
ClientSampleId :
CPSB-11(20-25)

Tot Ion	Ratio	Resp	Lower	Upper
240	100	255461		
120	10.3		8.2	12.2
236	25.1		20.2	30.4

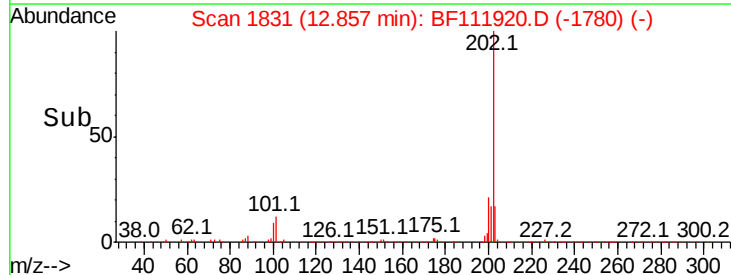
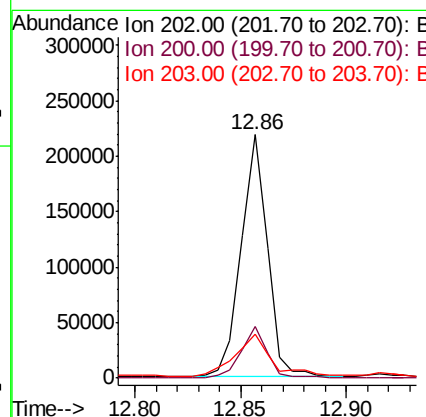
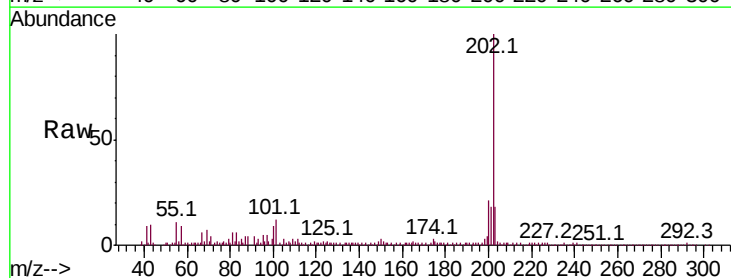
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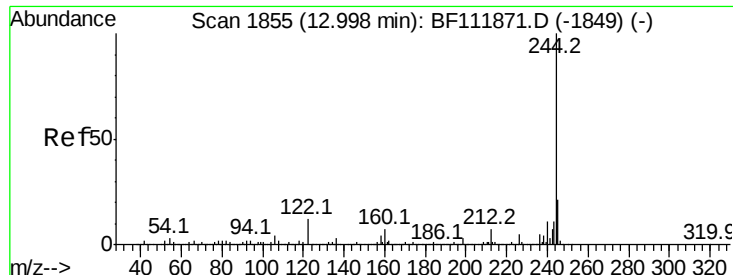
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#78
Pyrene
Concen: 10.724 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF111920.D
Acq: 8 Jan 2019 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	188497		
200	21.2		17.4	26.2
203	17.9		14.6	21.8





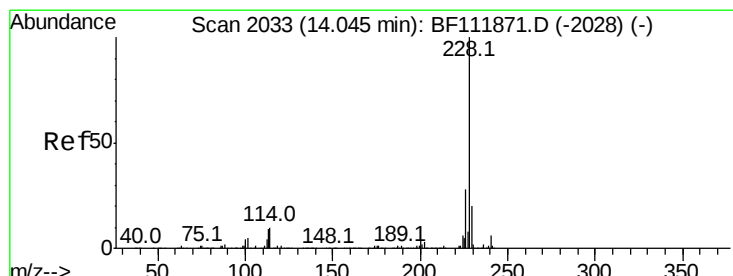
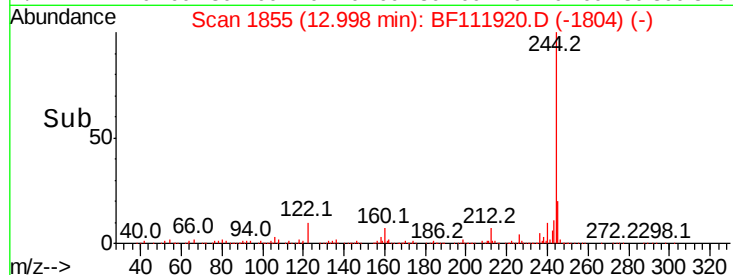
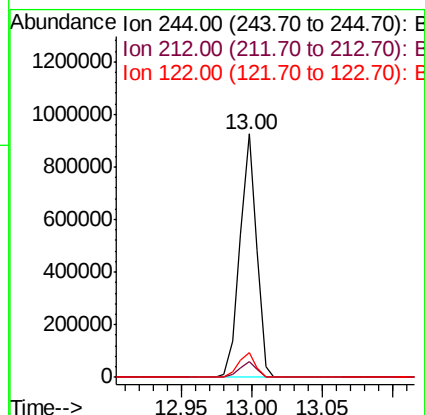
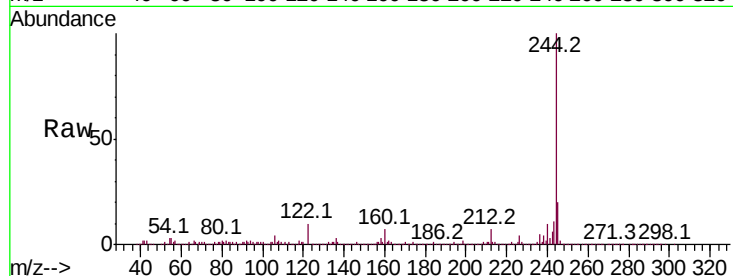
#79
 Terphenyl-d14
 Concen: 56.529 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: BF111920.D
 Acq: 8 Jan 2019 21:12

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-11(20-25)

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	6.7	5.8	8.8
122	10.2	9.5	14.3

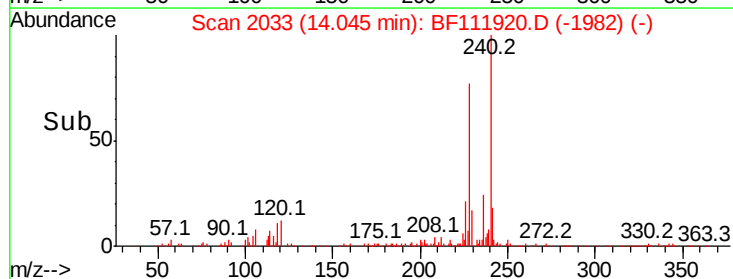
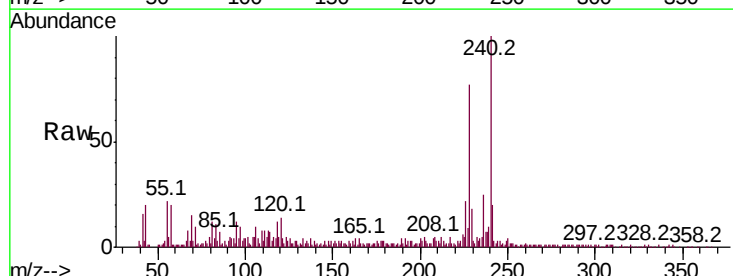
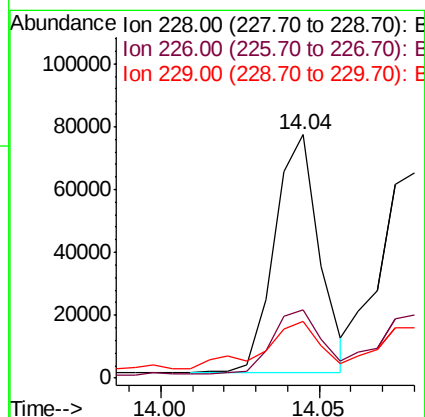
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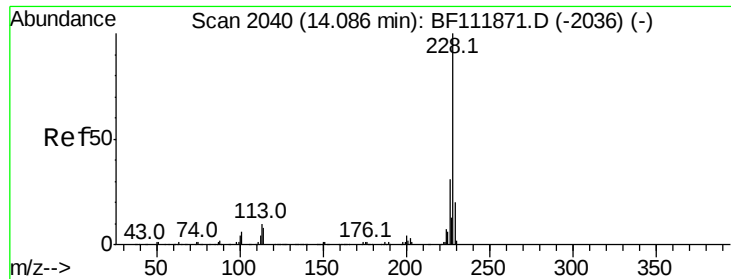
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#81
 Benzo(a)anthracene
 Concen: 5.075 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.00 min
 Lab File: BF111920.D
 Acq: 8 Jan 2019 21:12

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	28.2	22.2	33.2
229	23.5	16.2	24.2





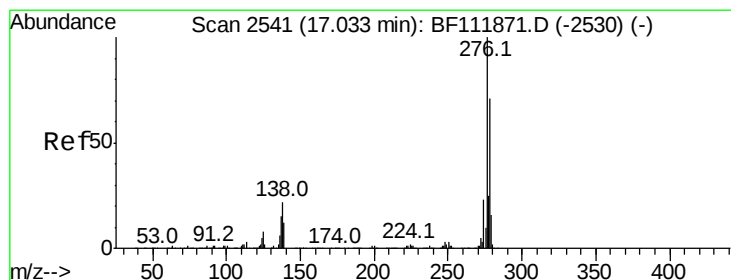
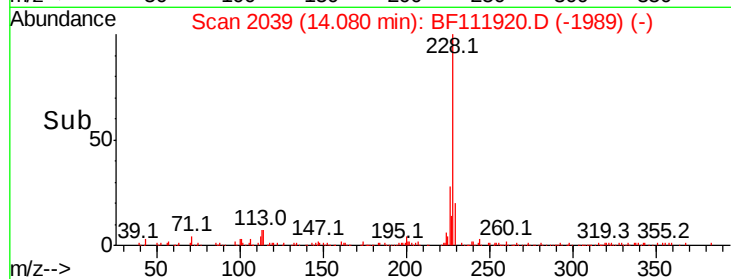
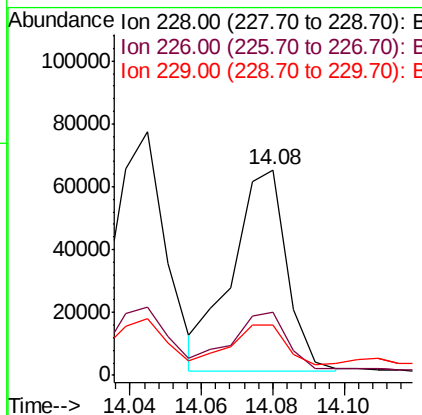
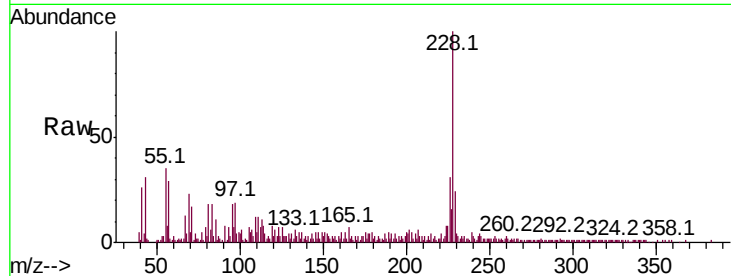
#83
Chrysene
Concen: 4.890 ng/ml
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF111920.D
Acq: 8 Jan 2019 21:12

Instrument :
BNA_F
ClientSampleId :
CPSB-11(20-25)

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.6	37.0
229	24.4	15.7	23.5

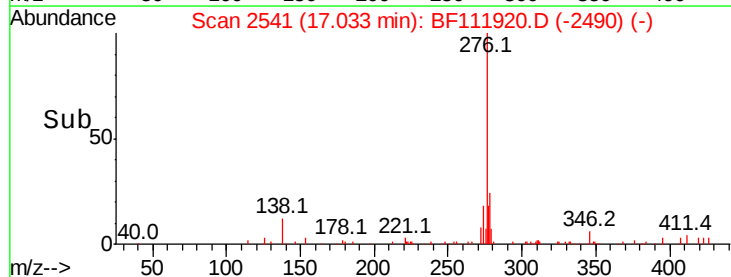
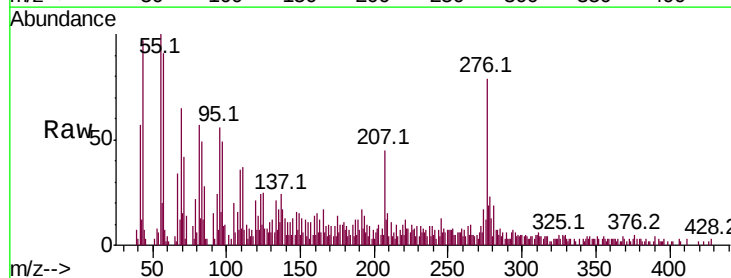
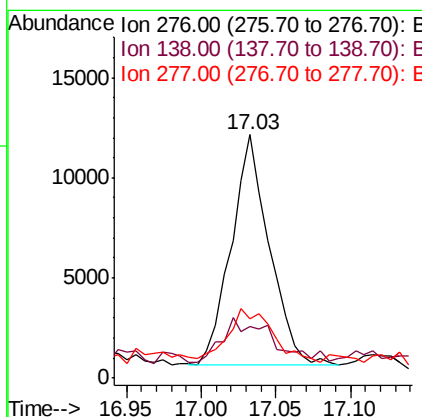
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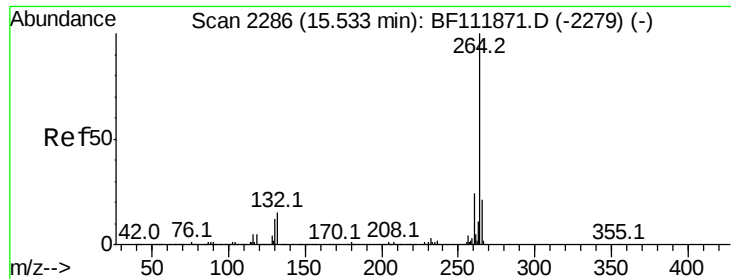
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.011 ng
RT: 17.03 min Scan# 2541
Delta R.T. -0.00 min
Lab File: BF111920.D
Acq: 8 Jan 2019 21:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.3	18.1	27.1
277	26.9	19.9	29.9





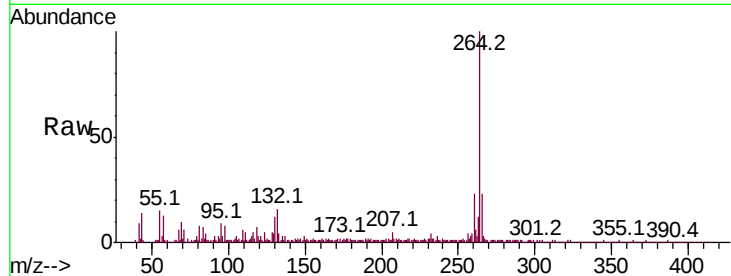
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF111920.D
Acq: 8 Jan 2019 21:12

Instrument :
BNA_F
ClientSampleId :
CPSB-11(20-25)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	23.1	17.1	25.7

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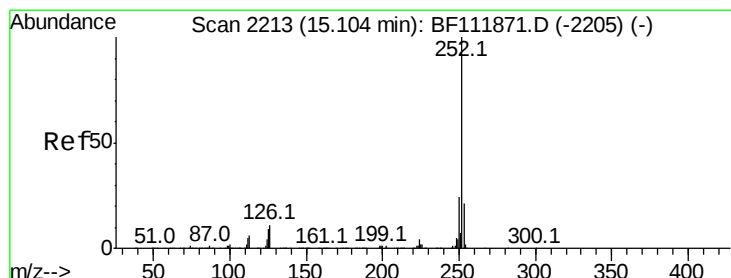
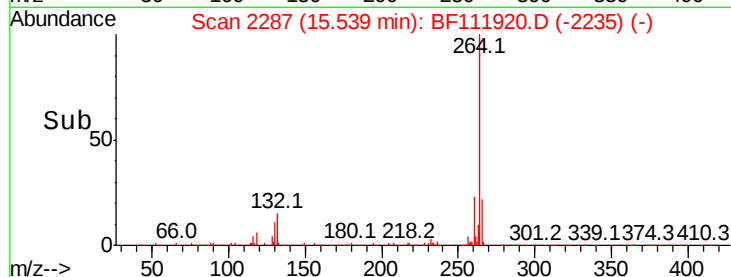
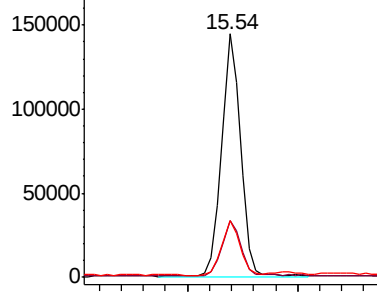


Abundance

Ion 264.00 (263.70 to 264.70): E

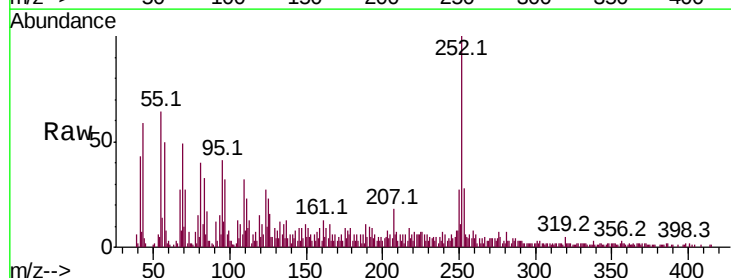
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 5.057 ng m
RT: 15.10 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BF111920.D
Acq: 8 Jan 2019 21:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.8	17.0	25.6#
125	23.0	7.1	10.7#

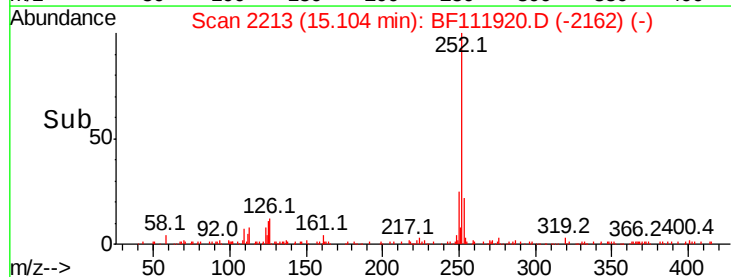
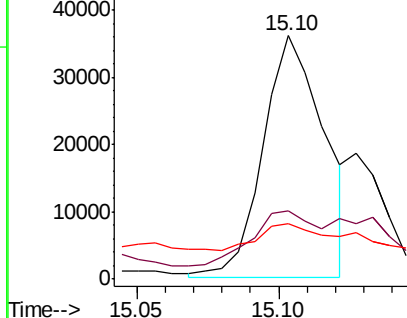


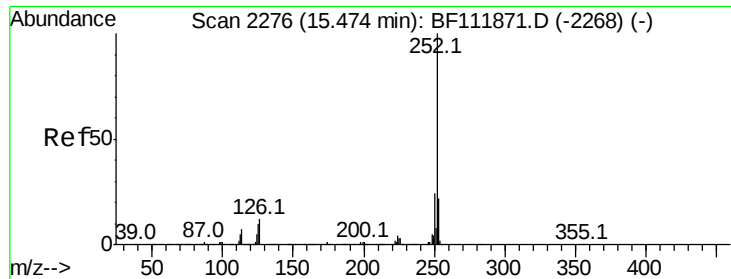
Abundance

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





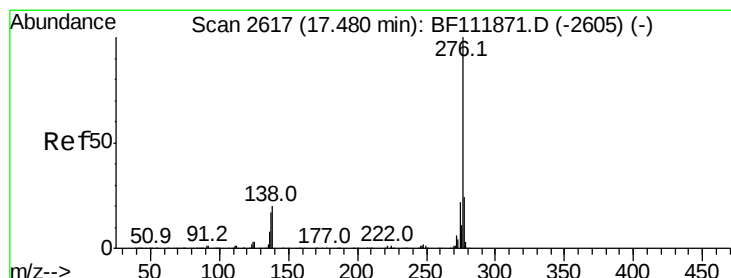
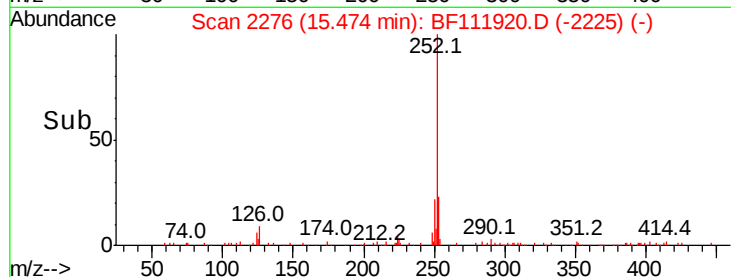
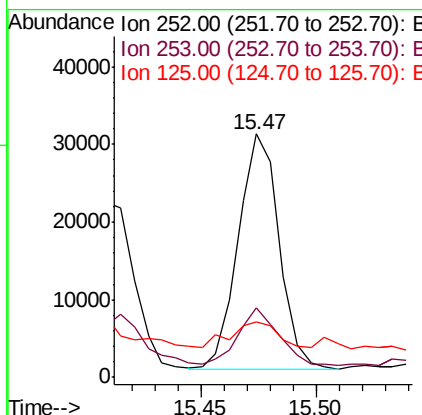
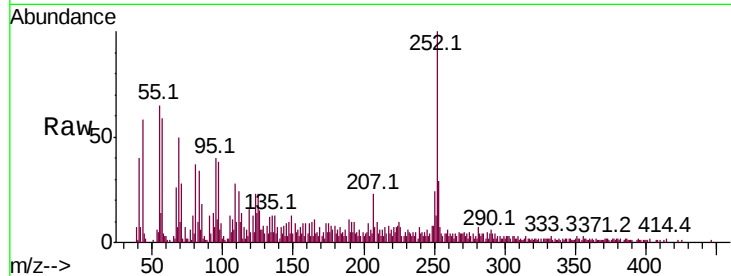
#90
Benzo(a)pyrene
Concen: 4.021 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BF111920.D
Acq: 8 Jan 2019 21:12

Instrument :
BNA_F
ClientSampleId :
CPSB-11(20-25)

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.7	17.4	26.2#
125	22.9	7.9	11.9#

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#92
Benzo(g,h,i)perylene
Concen: 3.611 ng
RT: 17.48 min Scan# 2617
Delta R.T. -0.00 min
Lab File: BF111920.D
Acq: 8 Jan 2019 21:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	34.1	19.0	28.6#
138	29.5	16.2	24.2#

