

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020720\
 Data File : BF118853.D
 Acq On : 7 Feb 2020 16:27
 Operator : CG/JU
 Sample : L1439-04 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HAM-SB-0203-0-5

Manual Integrations
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mohammad
 2/11/2020 8:26:41 AM

Quant Time: Feb 08 04:51:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	236607	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	873661	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	474805	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	770782	20.00	ng	0.00
76) Chrysene-d12	13.97	240	597197	20.00	ng	0.00
87) Perylene-d12	15.43	264	620411	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	627381	50.19	ng	0.00
7) Phenol-d6	6.44	99	760045	48.98	ng	-0.01
23) Nitrobenzene-d5	7.37	82	472434	32.23	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	232670	40.95	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	877760	33.05	ng	-0.01
79) Terphenyl-d14	12.92	244	764809	26.31	ng	-0.01
Target Compounds						
20) 3+4-Methylphenols	7.22	107	68565	4.726	ng	Qvalue # 69
71) Phenanthrene	11.36	178	315607	8.322	ng	98
75) Fluoranthene	12.55	202	452105	10.919	ng	99
78) Pyrene	12.77	202	418385	10.212	ng	98
81) Benzo(a)anthracene	13.96	228	245585	6.911	ng	97
83) Chrysene	14.00	228	241751	6.778	ng	97
86) Indeno(1,2,3-cd)pyrene	16.86	276	153169	4.274	ng	96
88) Benzo(b)fluoranthene	15.01	252	368300m	9.567	ng	
89) Benzo(k)fluoranthene	15.03	252	85020m	2.536	ng	
90) Benzo(a)pyrene	15.36	252	236080	7.166	ng	# 94
92) Benzo(a,h,i)perylene	17.30	276	150951	5.367	ng	97

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

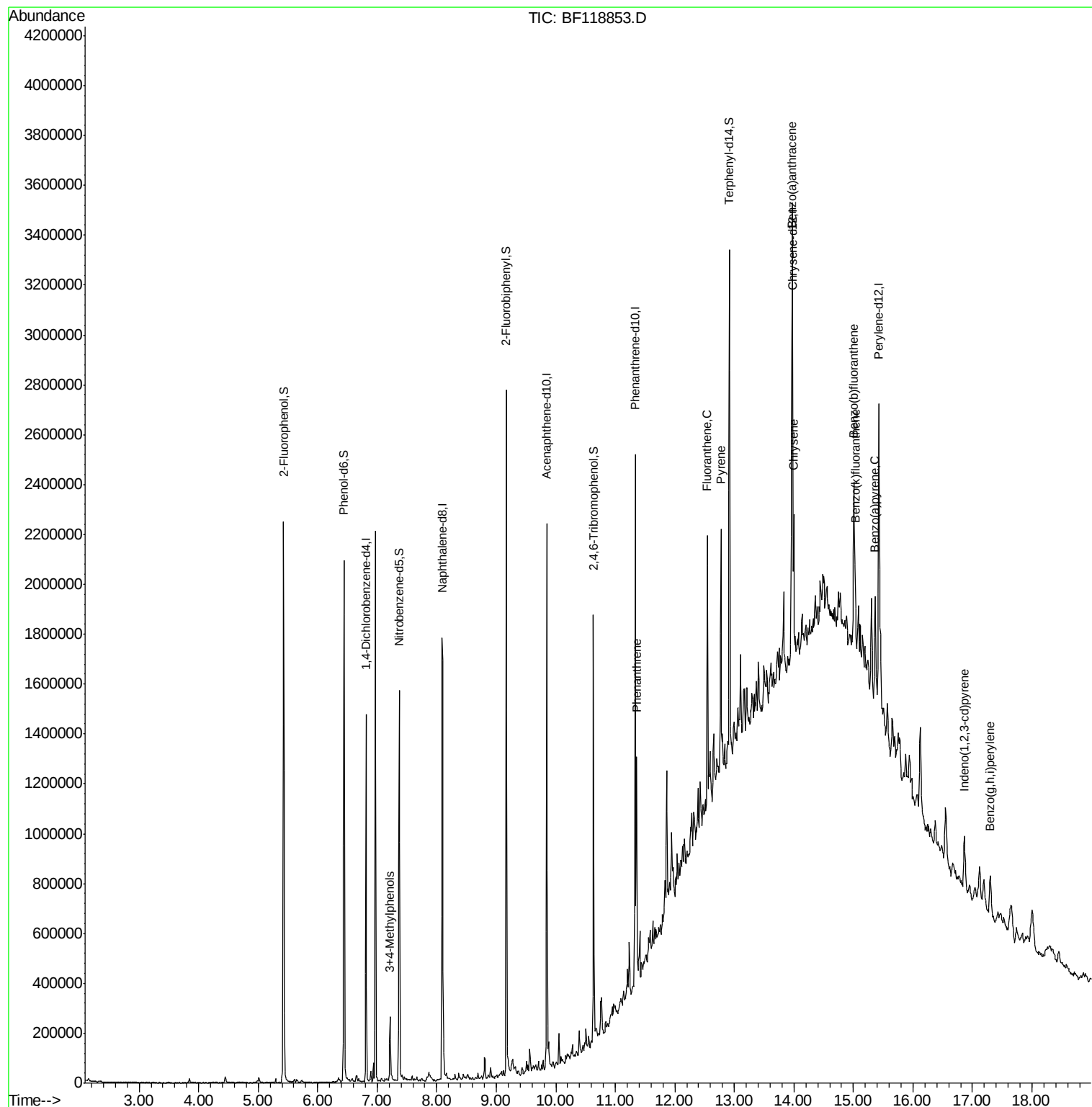
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020720\
Data File : BF118853.D
Acq On : 7 Feb 2020 16:27
Operator : CG/JU
Sample : L1439-04 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

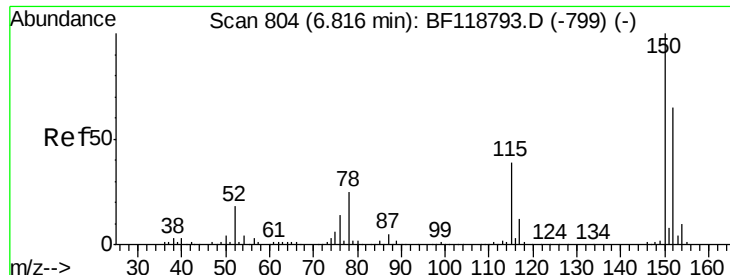
Instrument :
BNA_F
ClientSampleId :
HAM-SB-0203-0-5

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Quant Time: Feb 08 04:51:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration





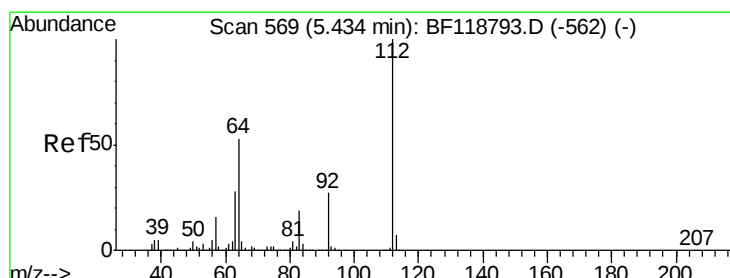
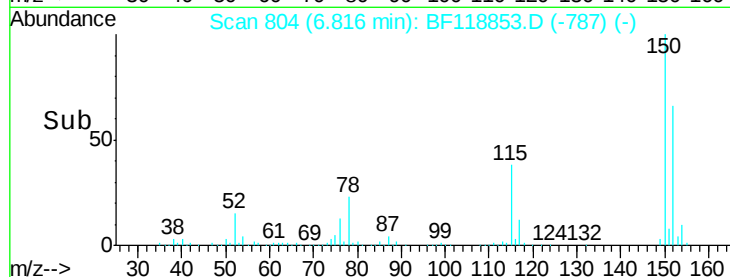
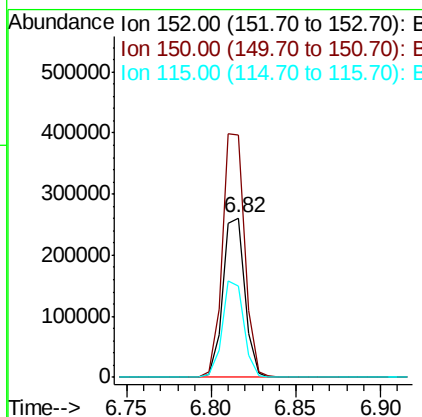
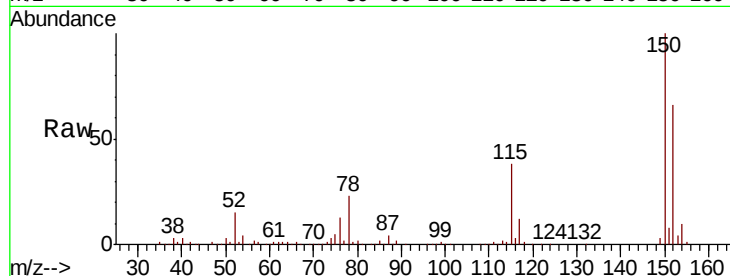
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF118853.D
 Acq: 7 Feb 2020 16:27

Instrument :
 BNA_F
 ClientSampleId :
 HAM-SB-0203-0-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.7	123.6	185.4
115	57.0	48.2	72.2

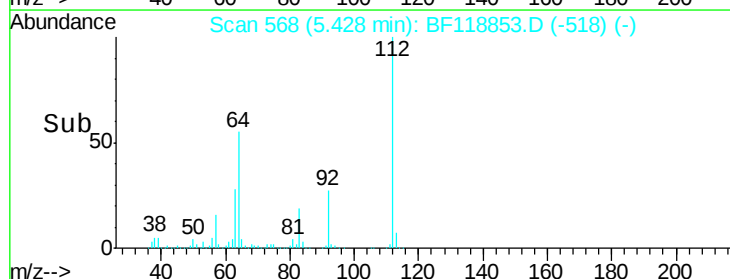
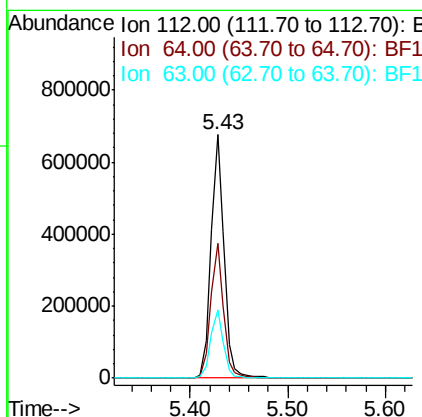
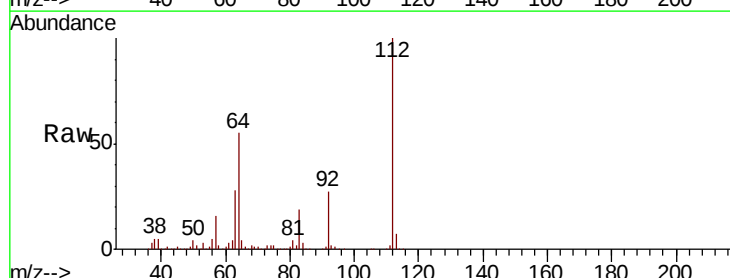
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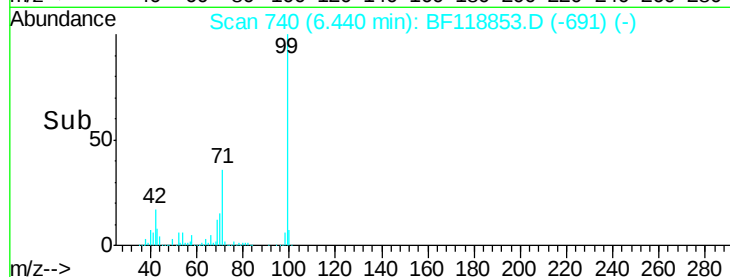
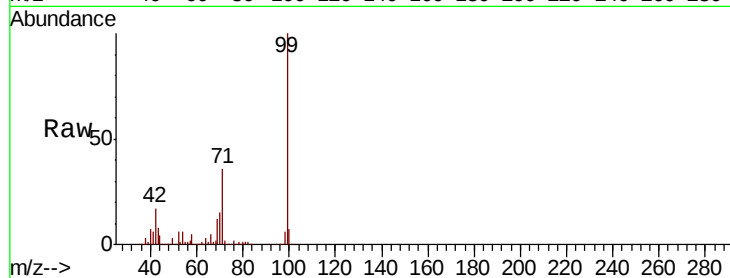
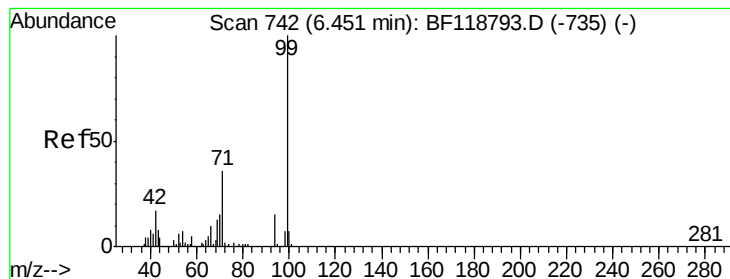
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#5
 2-Fluorophenol
 Concen: 50.192 ng
 RT: 5.43 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF118853.D
 Acq: 7 Feb 2020 16:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.2	42.6	63.8
63	28.3	22.2	33.4





#7

Phenol-d6

Concen: 48.984 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF118853.D

Acq: 7 Feb 2020 16:27

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		760045		
42	16.6	13.4	20.0		
71	36.1	29.0	43.6		

Instrument :

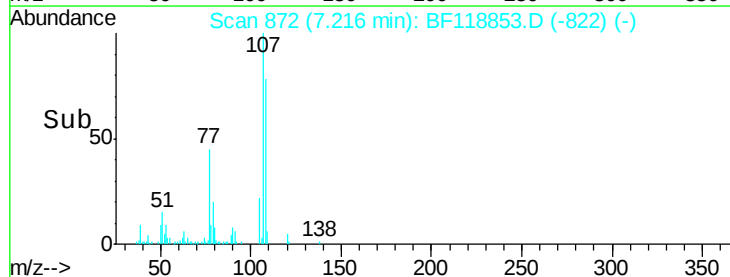
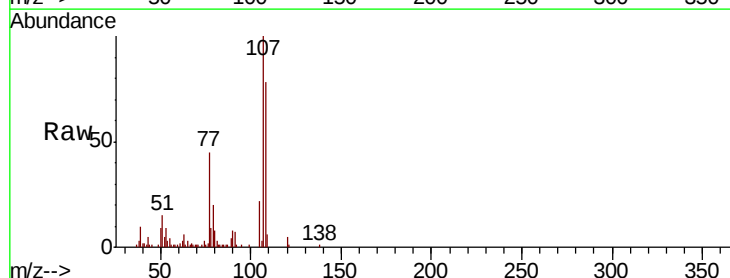
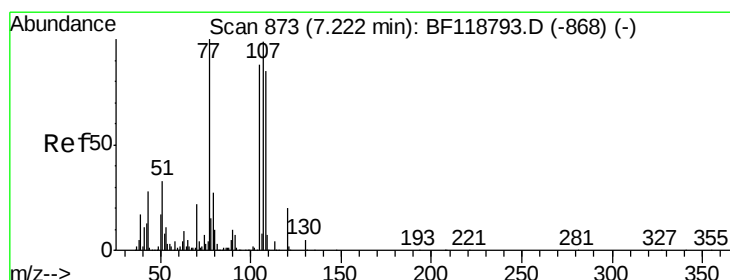
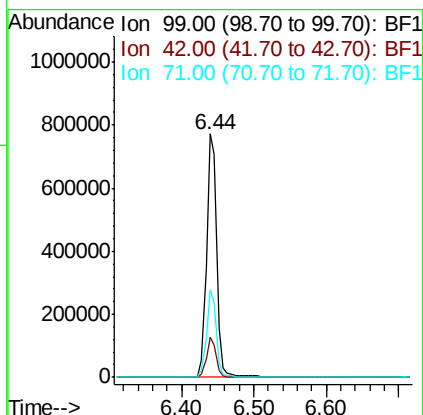
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ClientSampleId :

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#20

3+4-Methylphenols

Concen: 4.726 ng

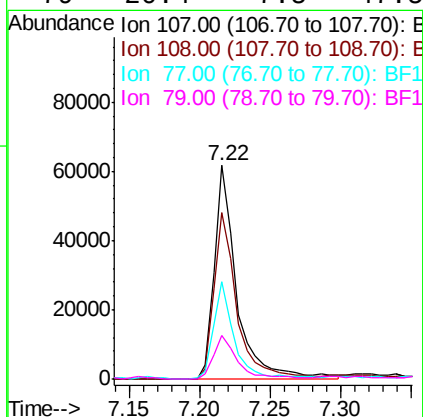
RT: 7.22 min Scan# 872

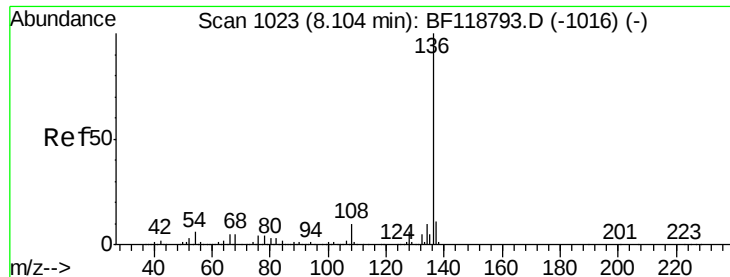
Delta R.T. -0.01 min

Lab File: BF118853.D

Acq: 7 Feb 2020 16:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		68565		
108	77.9	65.9	105.9		
77	45.3	80.9	120.9		
79	20.4	7.5	47.5		





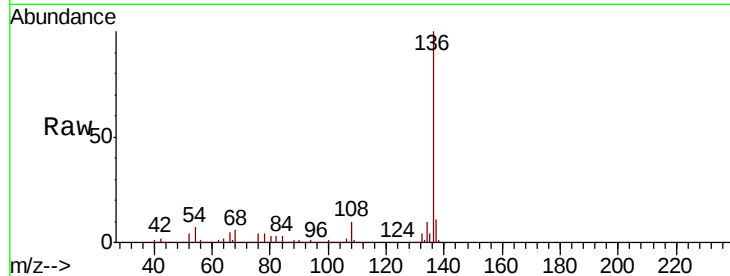
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF118853.D
Acq: 7 Feb 2020 16:27

Instrument :
BNA_F
ClientSampleId :
HAM-SB-0203-0-5

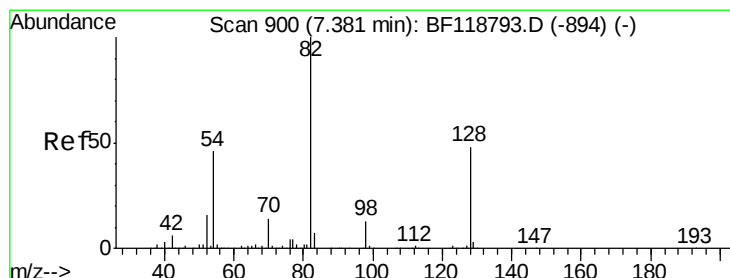
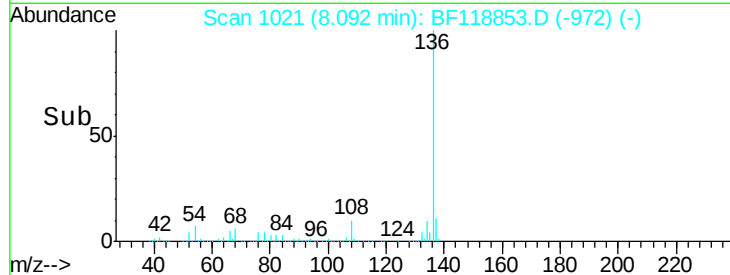
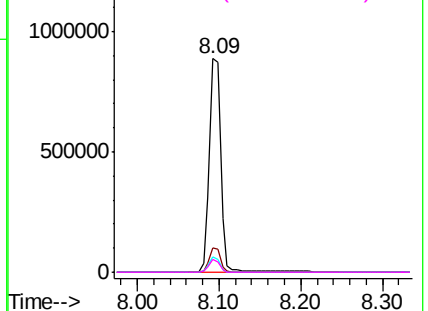
Tot Ion	Ratio	Resp	Lower	Upper
136	100	873661		
137	11.4	8.7	13.1	
54	7.1	5.0	7.6	
68	6.0	4.2	6.4	

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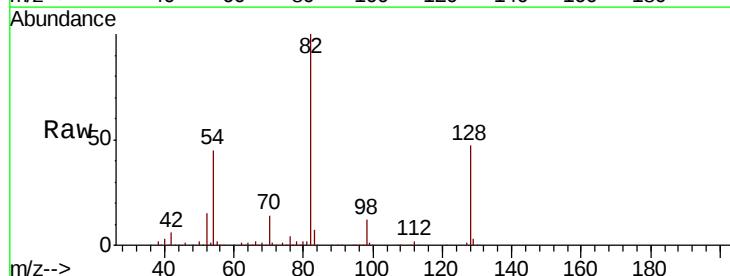


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

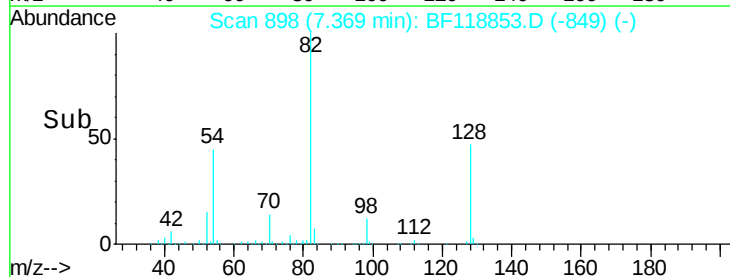
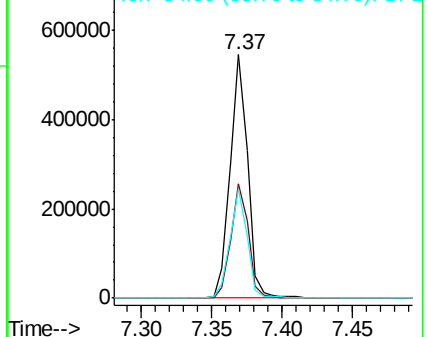


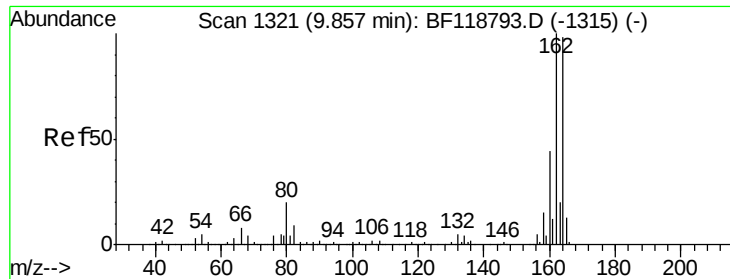
#23
Nitrobenzene-d5
Concen: 32.231 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF118853.D
Acq: 7 Feb 2020 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	472434		
128	46.9	38.5	57.7	
54	44.7	36.7	55.1	



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





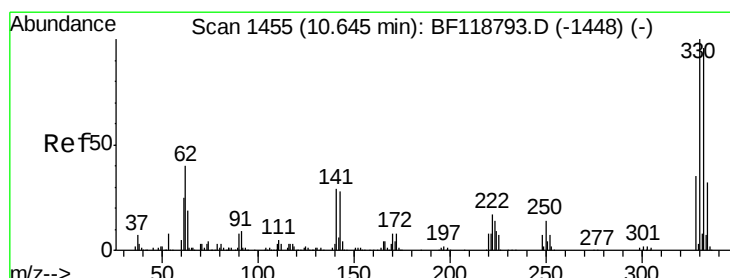
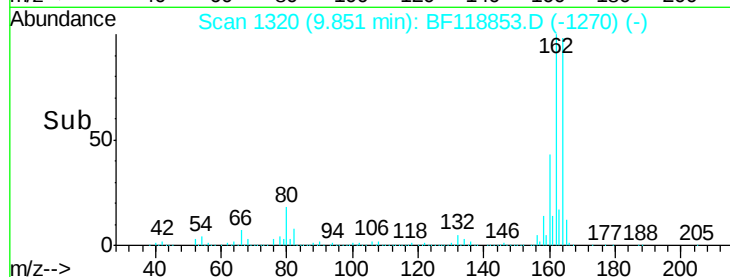
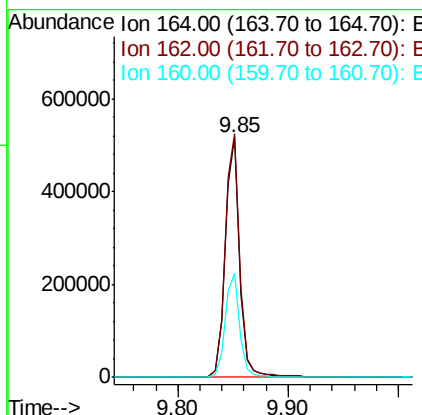
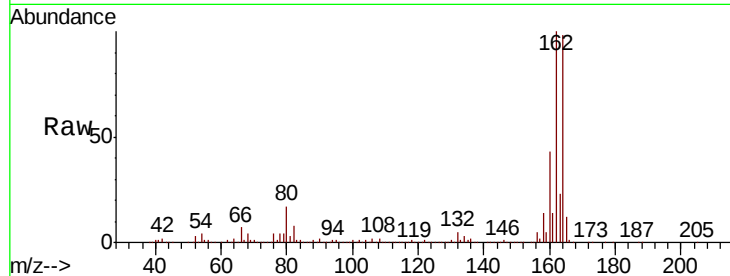
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF118853.D
Acq: 7 Feb 2020 16:27

Instrument :
BNA_F
ClientSampleId :
HAM-SB-0203-0-5

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.8	81.4	122.2	
160	43.6	35.6	53.4	

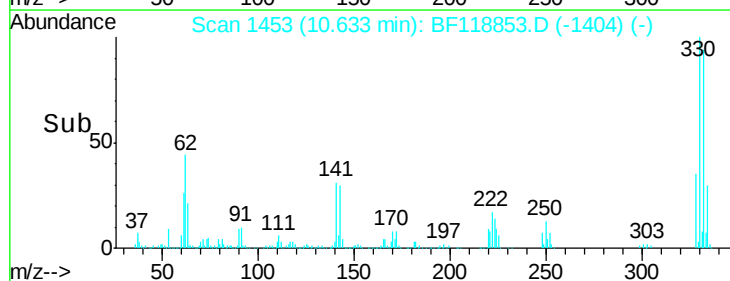
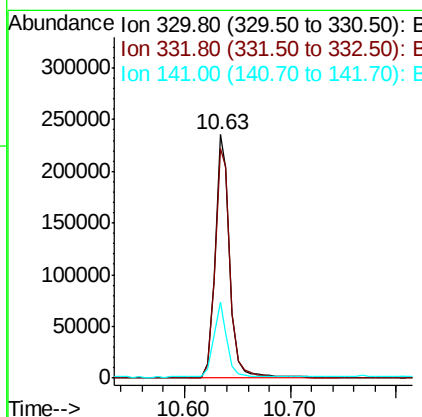
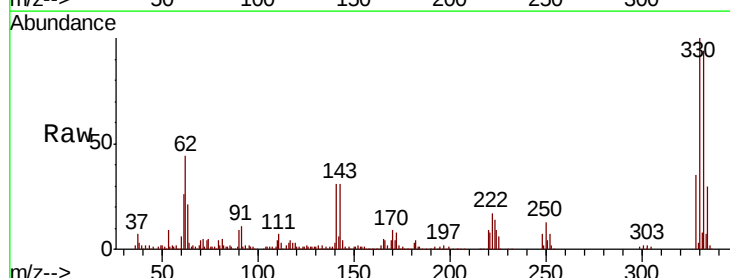
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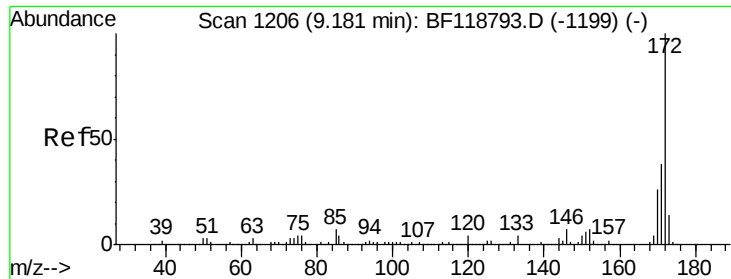
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#42
2,4,6-Tribromophenol
Concen: 40.955 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF118853.D
Acq: 7 Feb 2020 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.7	77.3	115.9	
141	27.8	22.4	33.6	





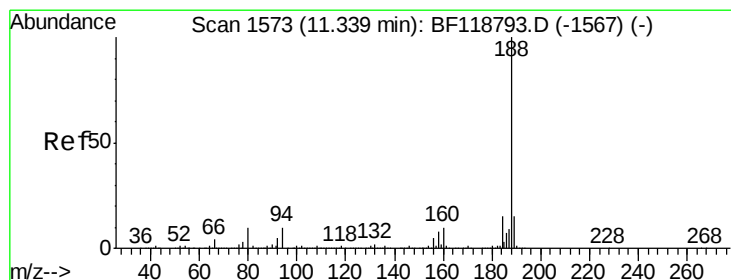
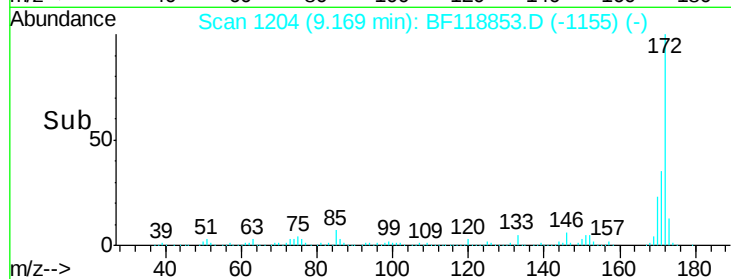
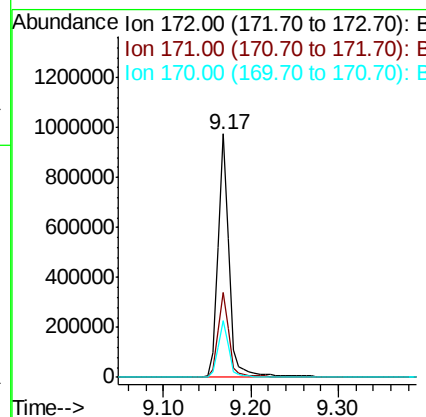
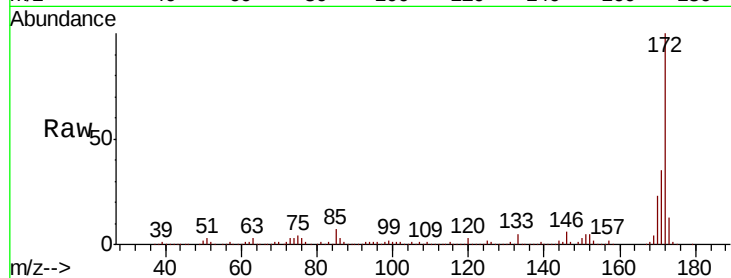
#45
2-Fluorobiphenyl
Concen: 33.049 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF118853.D
Acq: 7 Feb 2020 16:27

Instrument :
BNA_F
ClientSampleId :
HAM-SB-0203-0-5

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	30.8	46.2
170	23.5	20.5	30.7

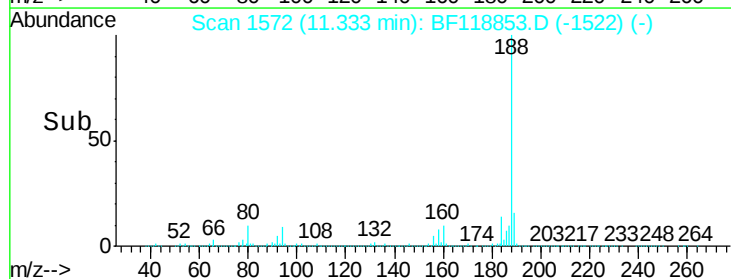
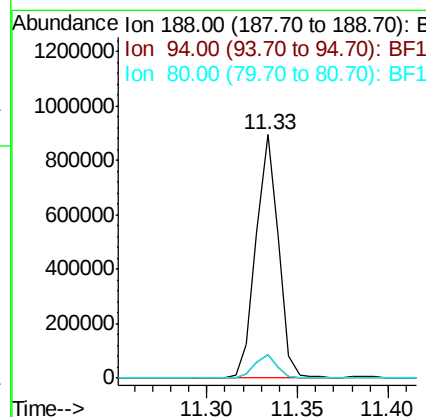
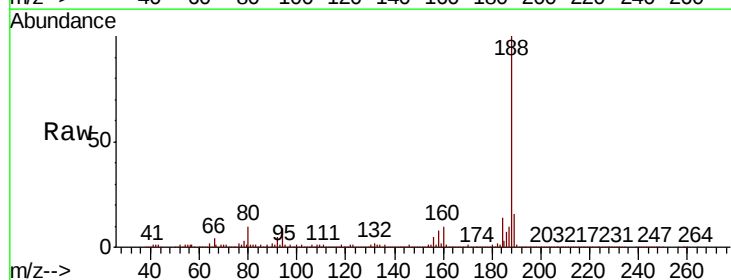
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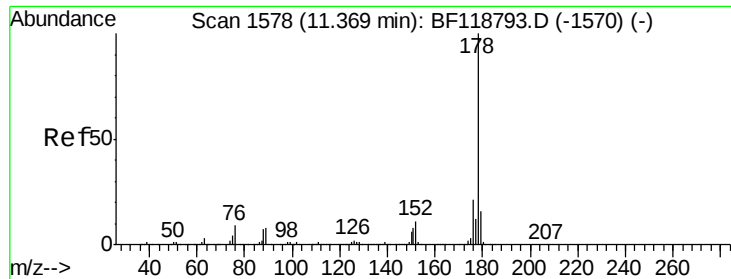
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF118853.D
Acq: 7 Feb 2020 16:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.9	11.9
80	9.8	8.4	12.6





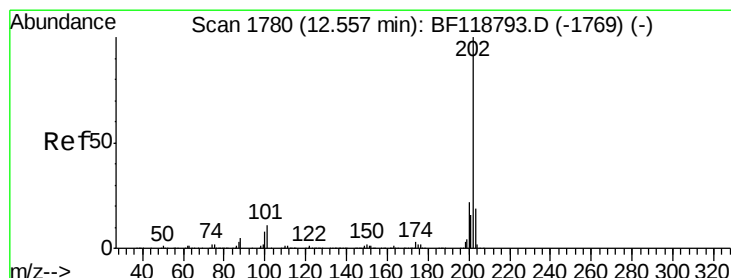
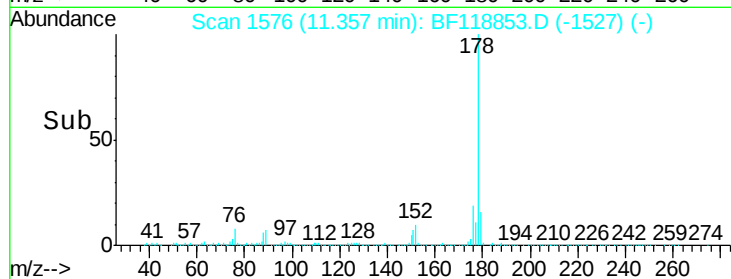
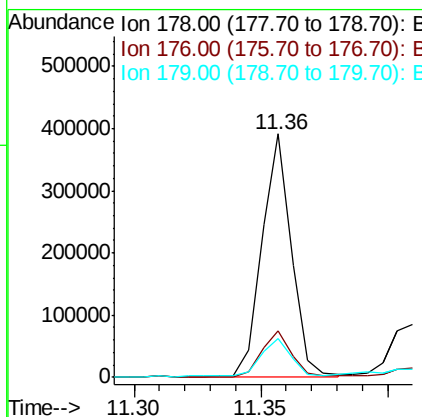
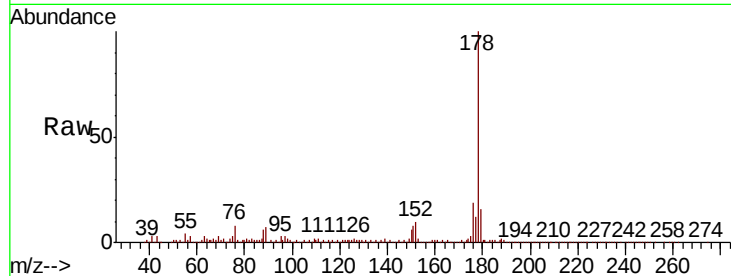
#71
Phenanthrene
Concen: 8.322 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF118853.D
Acq: 7 Feb 2020 16:27

Instrument :
BNA_F
ClientSampleId :
HAM-SB-0203-0-5

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.6	24.8
179	16.2	13.2	19.8

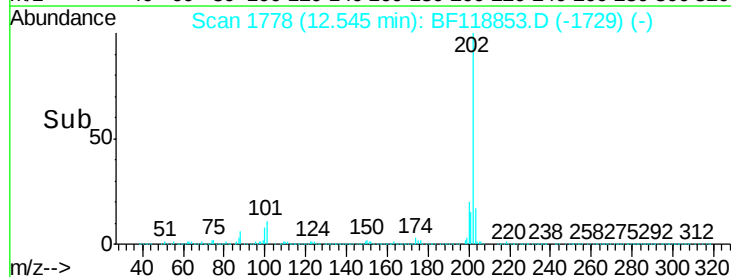
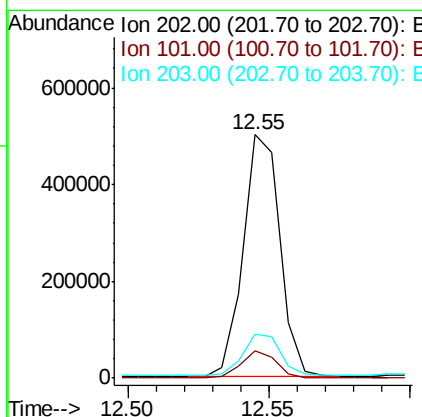
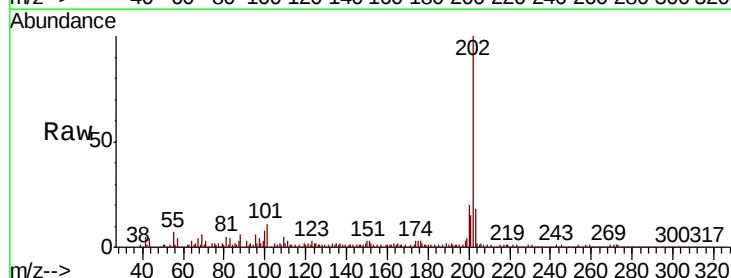
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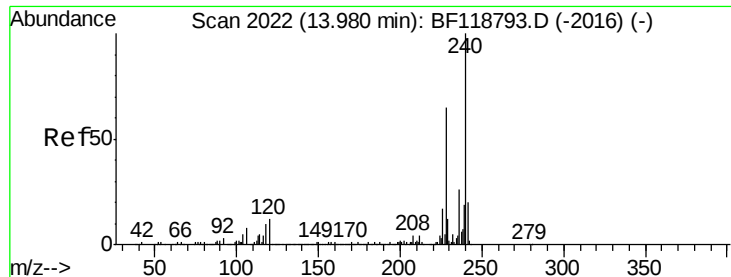
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#75
Fluoranthene
Concen: 10.919 ng
RT: 12.55 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BF118853.D
Acq: 7 Feb 2020 16:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.0
203	17.9	0.0	38.7





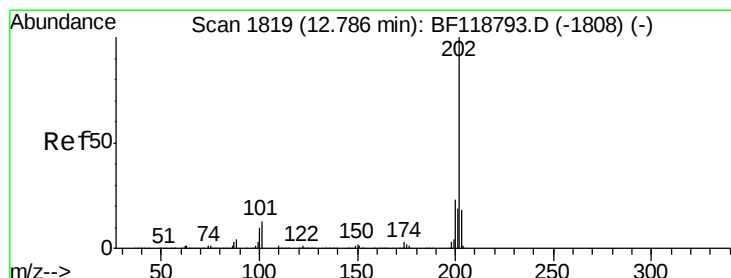
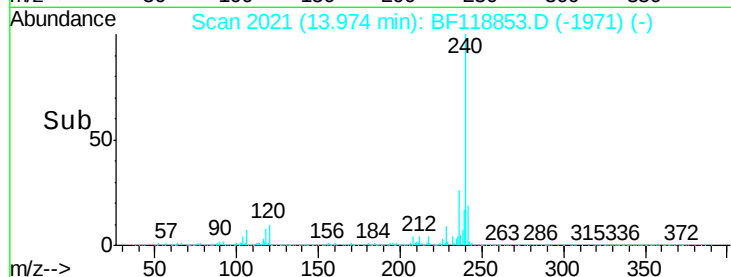
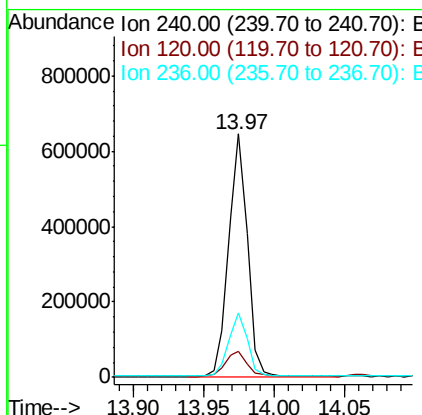
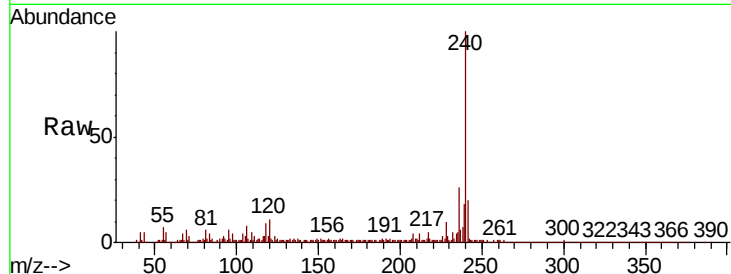
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF118853.D
Acq: 7 Feb 2020 16:27

Instrument :
BNA_F
ClientSampleId :
HAM-SB-0203-0-5

Tot Ion	Ratio	Resp	Lower	Upper
240	100	597197		
120	10.9		9.4	14.0
236	26.3		21.0	31.6

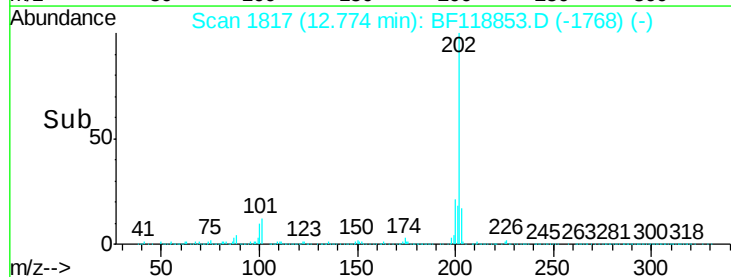
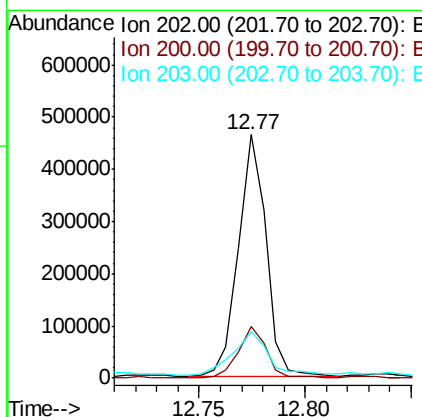
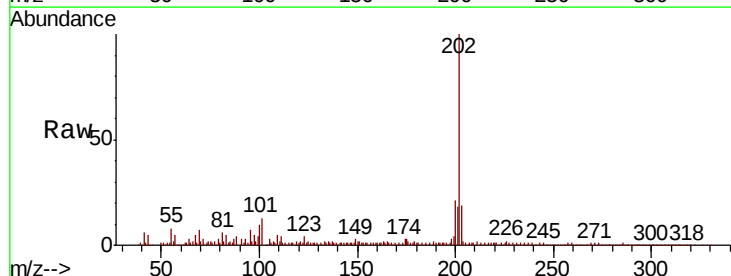
Manual Integrations
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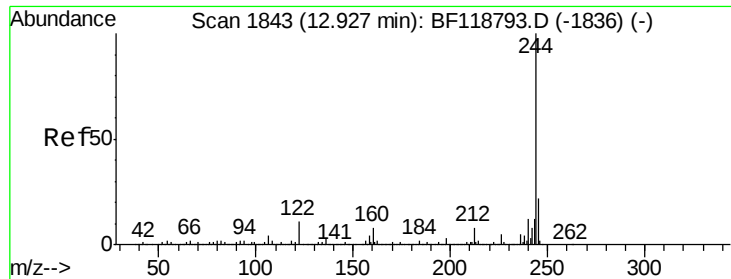
mohammad
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#78
Pyrene
Concen: 10.212 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF118853.D
Acq: 7 Feb 2020 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	418385		
200	21.4		18.2	27.2
203	19.1		14.8	22.2





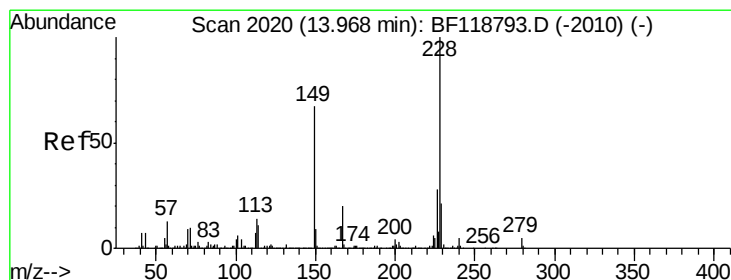
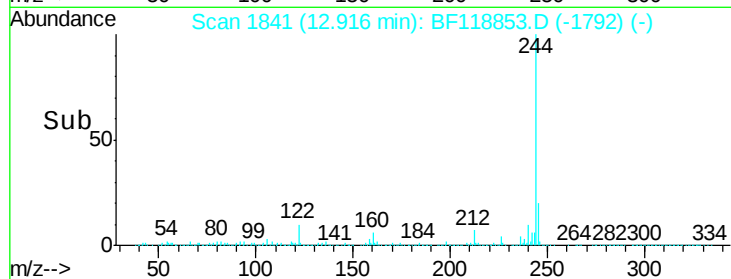
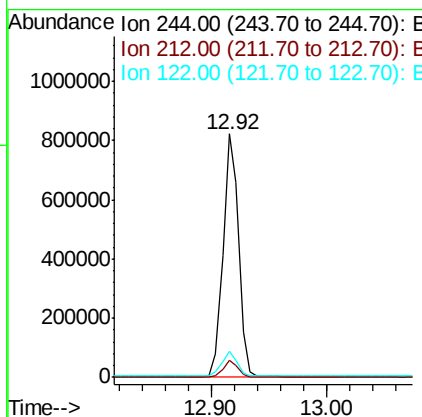
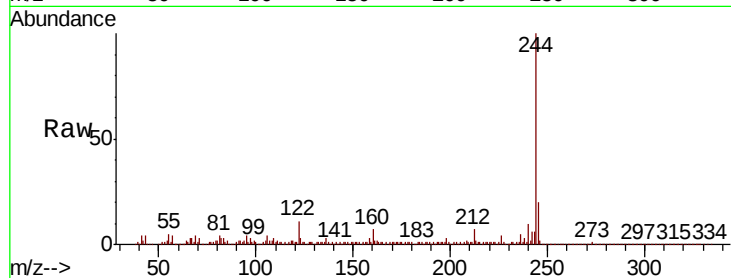
#79
 Terphenyl-d14
 Concen: 26.305 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF118853.D
 Acq: 7 Feb 2020 16:27

Instrument :
 BNA_F
 ClientSampleId :
 HAM-SB-0203-0-5

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.5	9.7
122	10.9	8.9	13.3

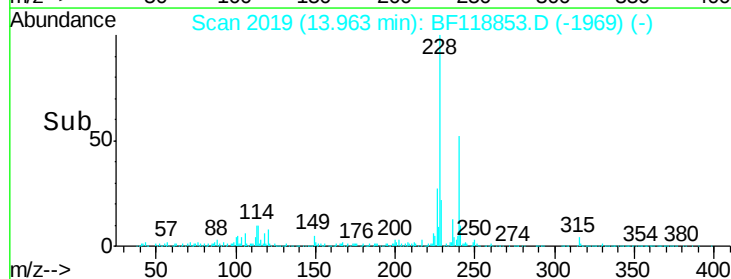
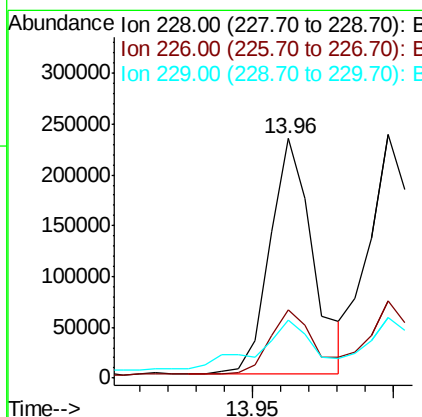
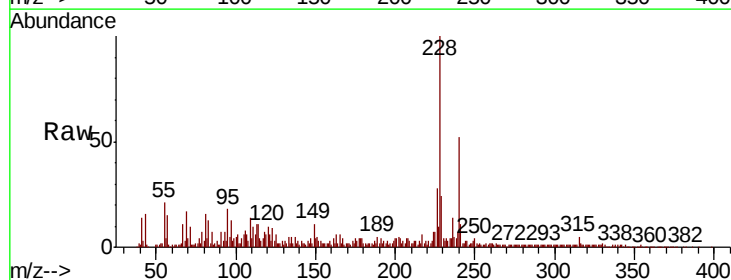
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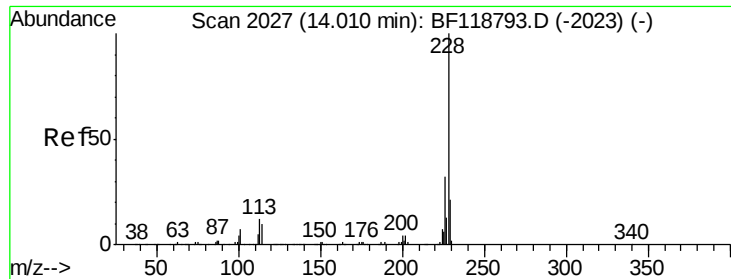
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#81
 Benzo(a)anthracene
 Concen: 6.911 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF118853.D
 Acq: 7 Feb 2020 16:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.7	34.1
229	24.0	16.6	25.0





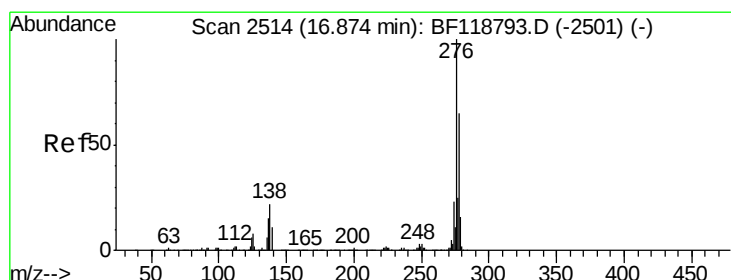
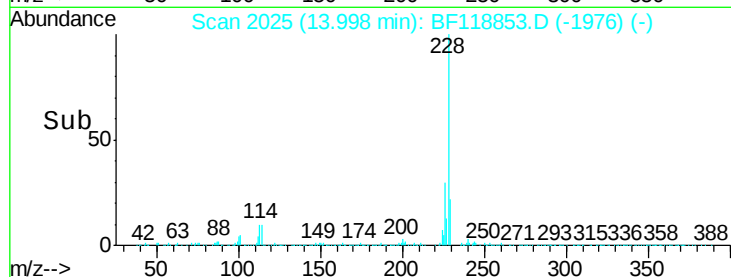
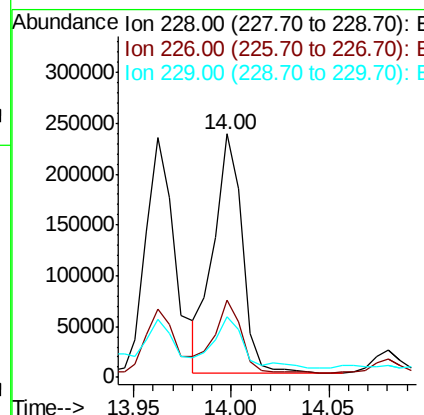
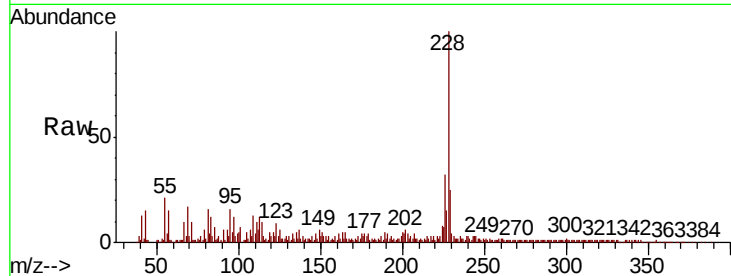
#83
Chrysene
Concen: 6.778 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF118853.D
Acq: 7 Feb 2020 16:27

Instrument :
BNA_F
ClientSampleId :
HAM-SB-0203-0-5

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.4	38.0
229	25.0	16.9	25.3

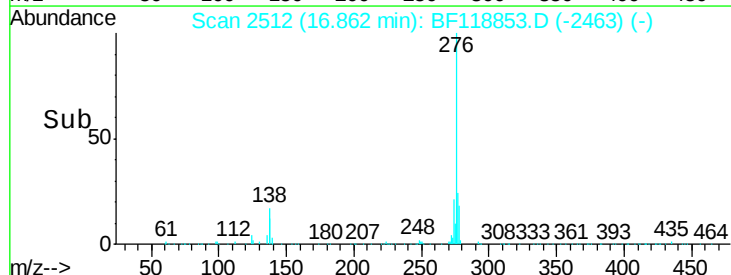
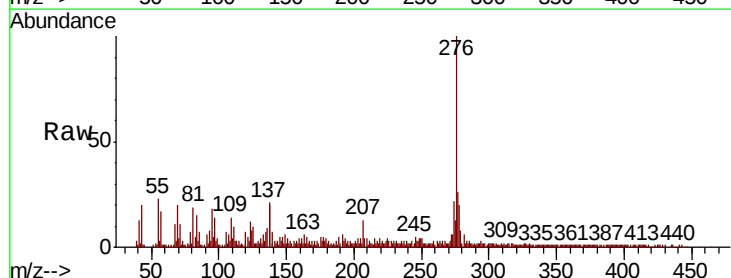
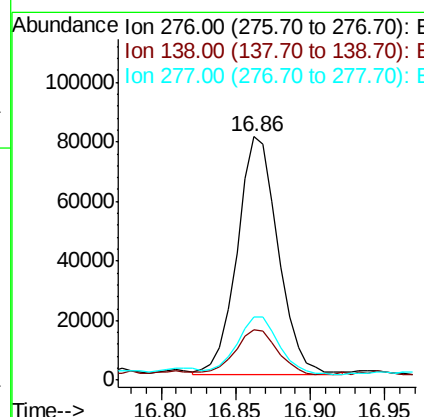
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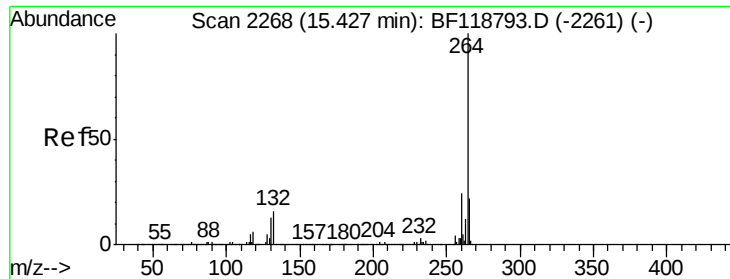
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#86
Indeno(1,2,3-cd)pyrene
Concen: 4.274 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BF118853.D
Acq: 7 Feb 2020 16:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.8	18.3	27.5
277	25.0	20.2	30.4





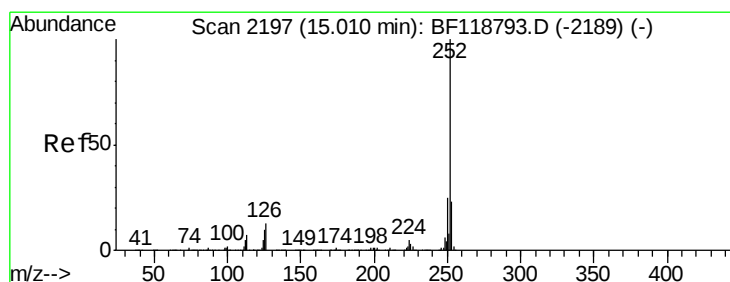
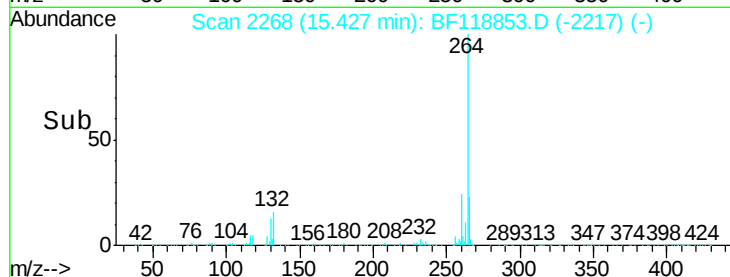
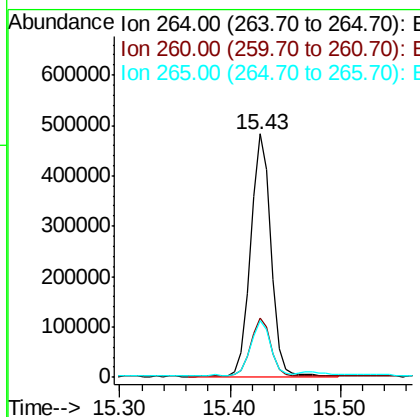
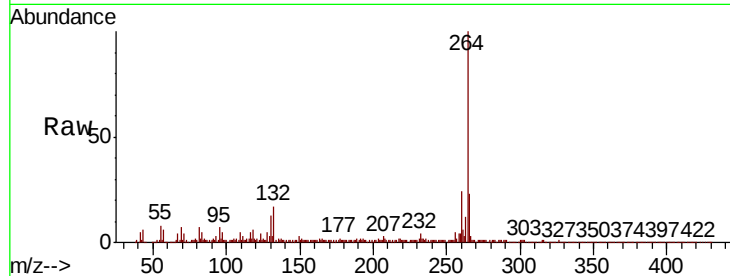
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF118853.D
Acq: 7 Feb 2020 16:27

Instrument :
BNA_F
ClientSampleId :
HAM-SB-0203-0-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.1	28.7
265	23.2	17.2	25.8

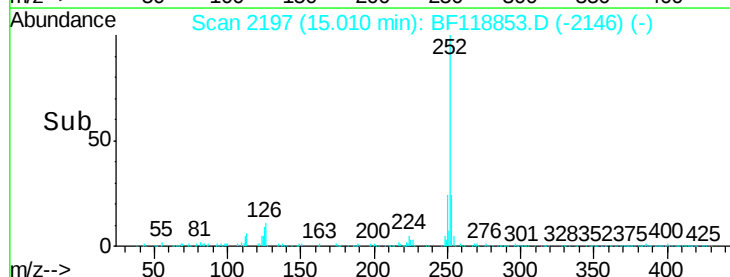
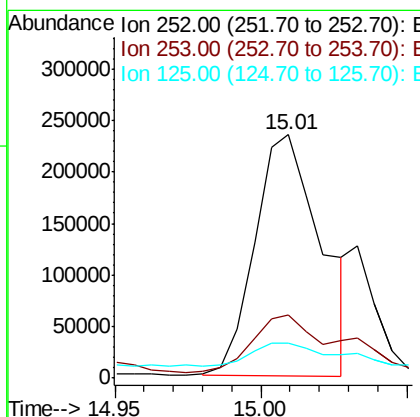
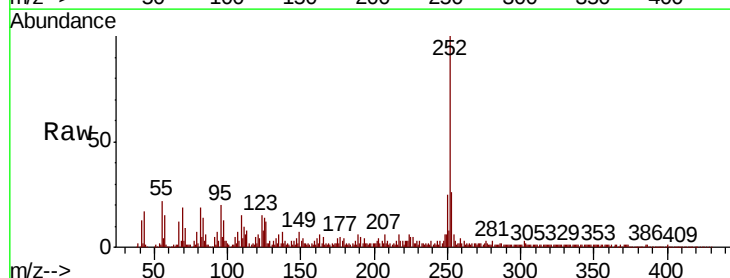
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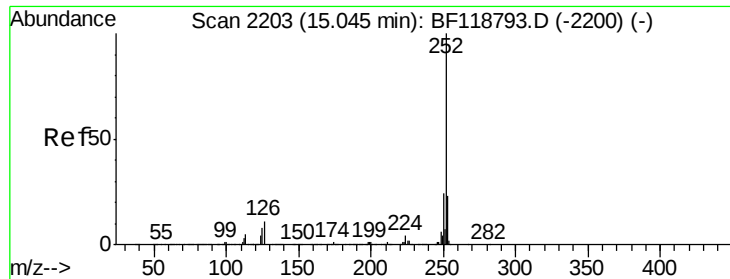
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#88
Benzo(b)fluoranthene
Concen: 9.567 ng m
RT: 15.01 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BF118853.D
Acq: 7 Feb 2020 16:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.4	27.6
125	14.2	8.1	12.1





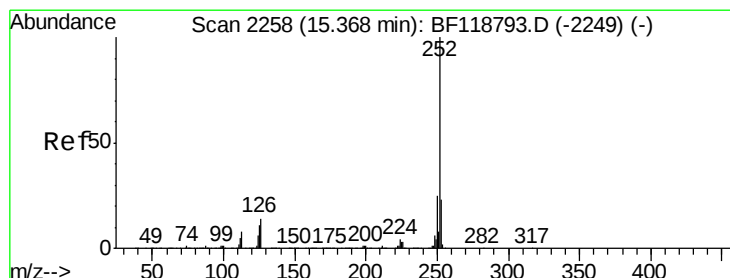
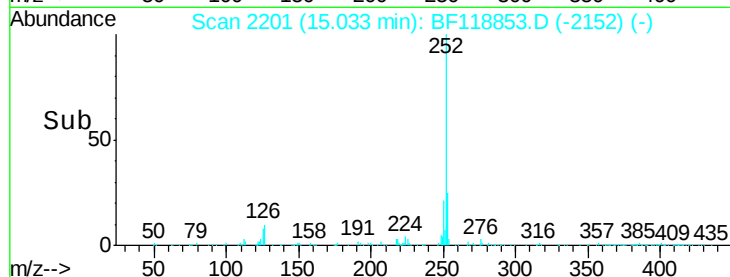
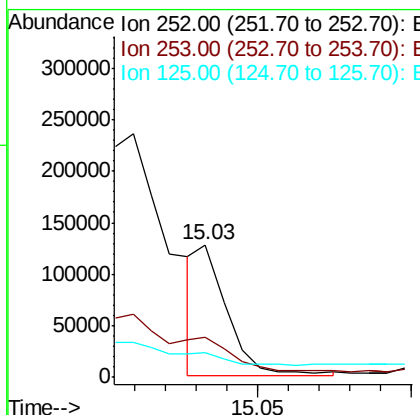
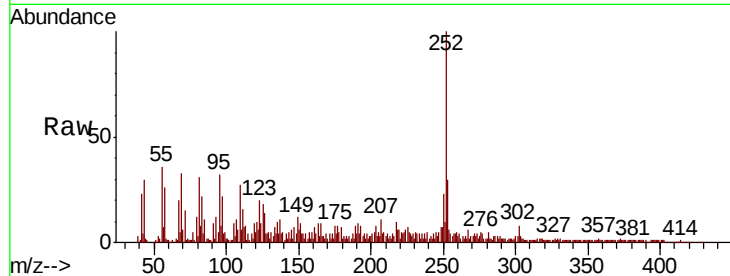
#89
Benzo(k)fluoranthene
Concen: 2.536 ng m
RT: 15.03 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF118853.D
Acq: 7 Feb 2020 16:27

Instrument :
BNA_F
ClientSampleId :
HAM-SB-0203-0-5

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.4	18.2	27.4#
125	18.3	7.0	10.6#

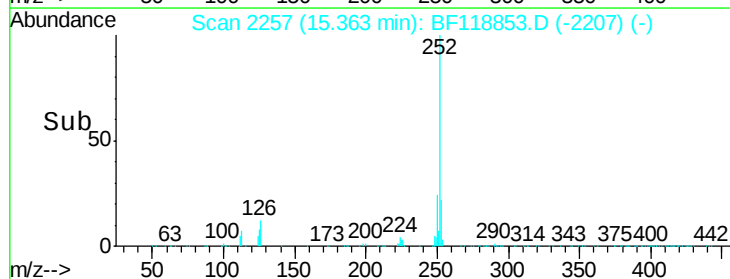
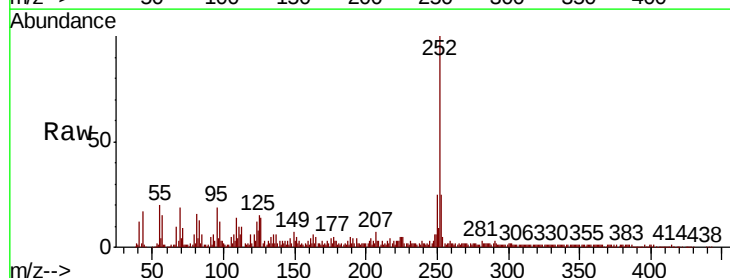
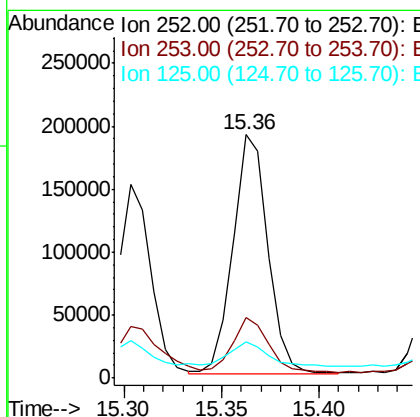
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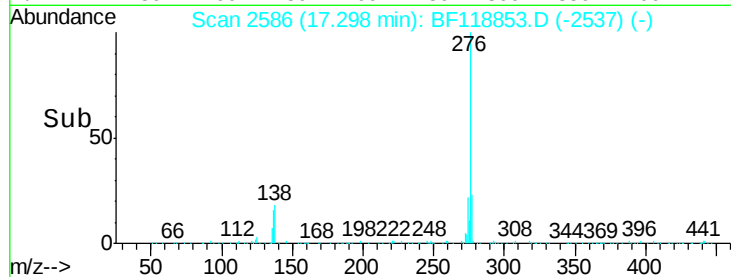
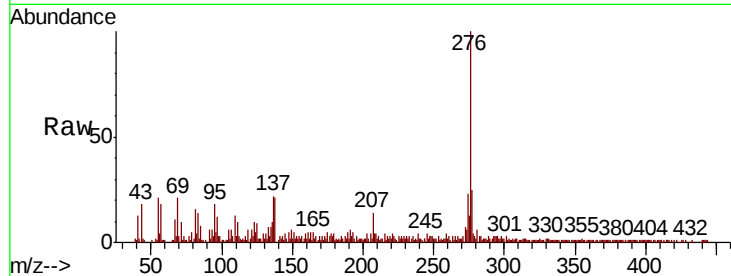
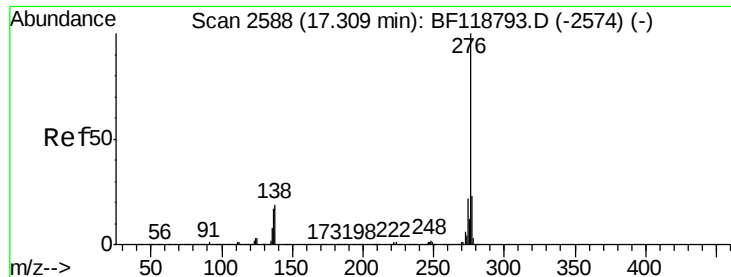
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#90
Benzo(a)pyrene
Concen: 7.166 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BF118853.D
Acq: 7 Feb 2020 16:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.1	27.1
125	14.6	8.7	13.1#





#92
Benzo(a,h,i)perylene
Concen: 5.367 ng
RT: 17.30 min Scan# 2586
Delta R.T. -0.01 min
Lab File: BF118853.D
Acq: 7 Feb 2020 16:27

Instrument :
BNA_F
ClientSampleId :
HAM-SB-0203-0-5

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.7	28.1
138	20.5	15.4	23.2

Manual Integrations
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