

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
 Data File : BF120838.D
 Acq On : 10 Jul 2020 18:36
 Operator : JU/CG
 Sample : L3257-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH1

Manual Integrations
 APPROVED

mohammad
 7/13/2020 1:04:47 PM

Quant Time: Jul 11 06:36:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 18:51:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	199998	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	734811	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	369985	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	683222	20.00	ng	0.00
76) Chrysene-d12	14.00	240	485782	20.00	ng	0.00
86) Perylene-d12	15.46	264	377961	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1718459	132.64	ng	0.00
7) Phenol-d6	6.47	99	2218700	134.10	ng	0.00
23) Nitrobenzene-d5	7.41	82	1413952	111.49	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	516645	138.99	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2085016	85.26	ng	0.00
79) Terphenyl-d14	12.96	244	2421997	97.62	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	130653	4.841	ng	98
71) Phenanthrene	11.39	178	238251	6.427	ng	98
75) Fluoranthene	12.58	202	508609	12.879	ng	98
78) Pyrene	12.81	202	458201	11.810	ng	98
81) Benzo(a)anthracene	13.99	228	208788	6.705	ng	94
83) Chrysene	14.03	228	196667	6.192	ng	97
87) Indeno(1,2,3-cd)pyrene	16.90	276	96864	3.996	ng	98
88) Benzo(b)fluoranthene	15.04	252	207631m	8.356	ng	
89) Benzo(k)fluoranthene	15.06	252	65863m	2.724	ng	
90) Benzo(a)pyrene	15.40	252	138201	6.235	ng	98
92) Benzo(g,h,i)perylene	17.34	276	97252	5.266	ng	97

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

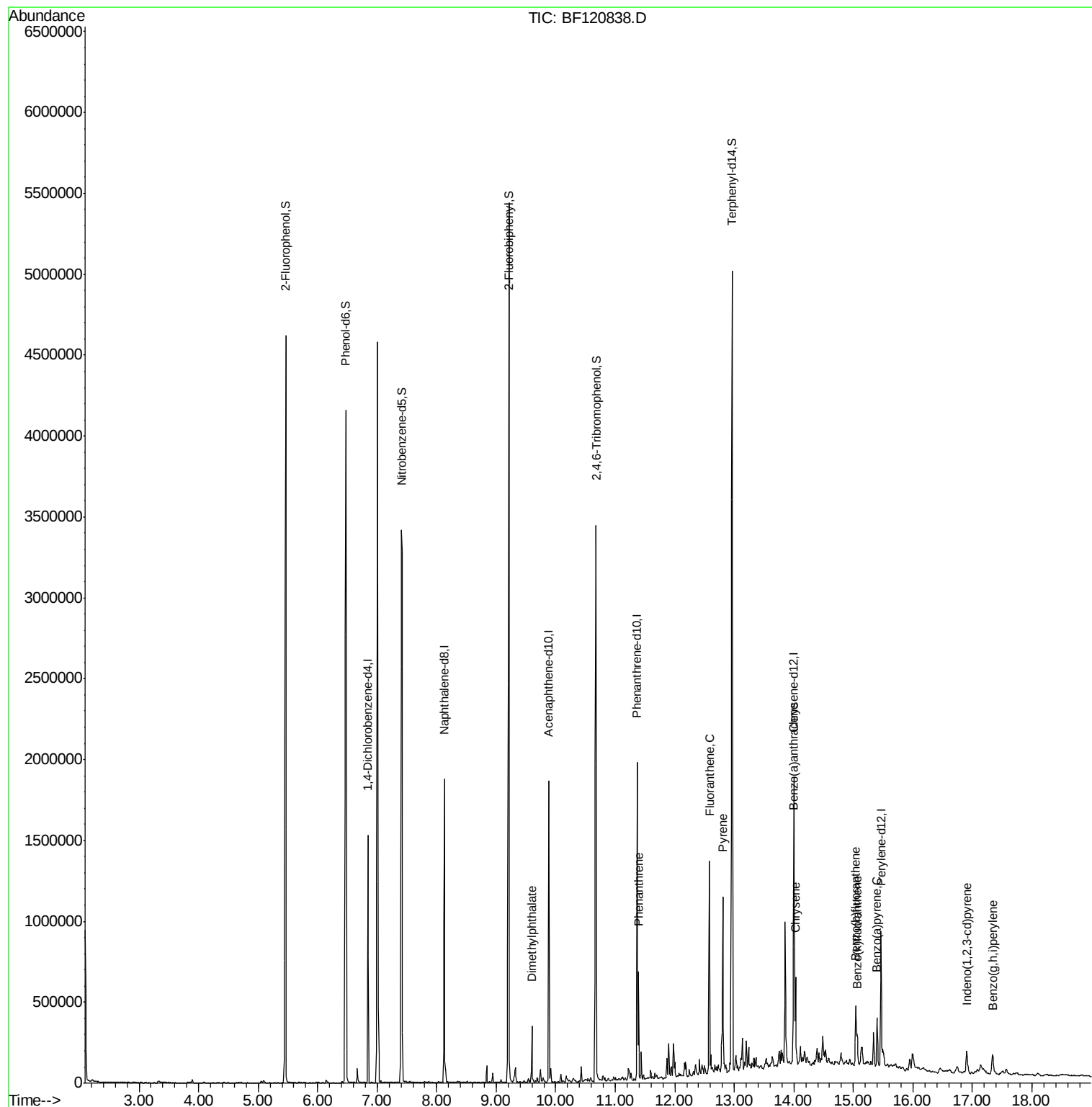
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
Data File : BF120838.D
Acq On : 10 Jul 2020 18:36
Operator : JU/CG
Sample : L3257-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

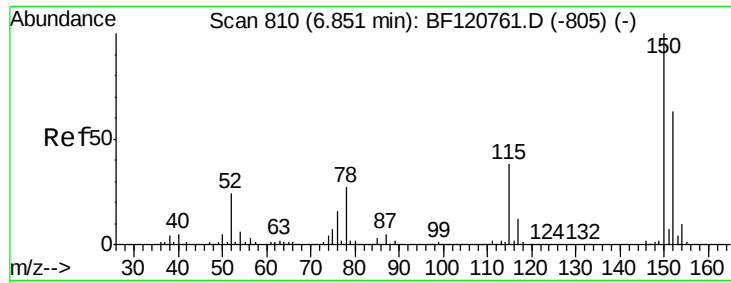
Instrument :
BNA_F
ClientSampleId :
MH1

Manual Integrations
APPROVED

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Quant Time: Jul 11 06:36:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

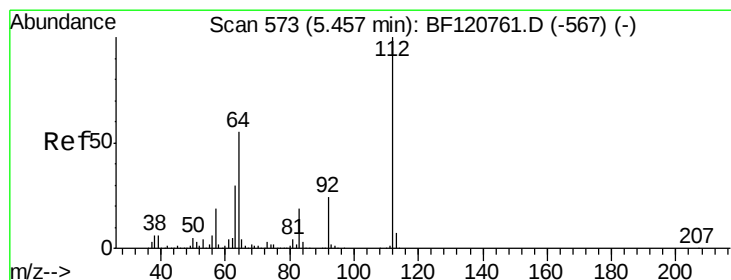
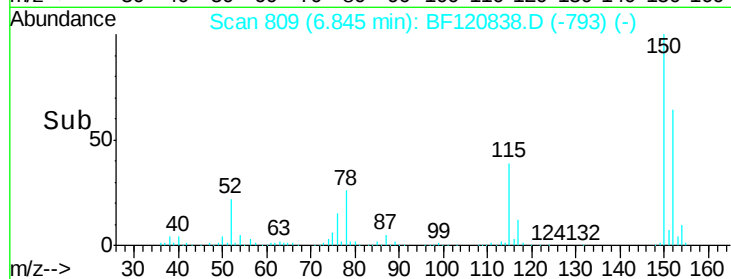
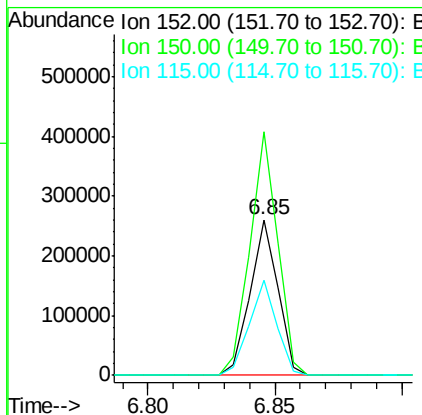
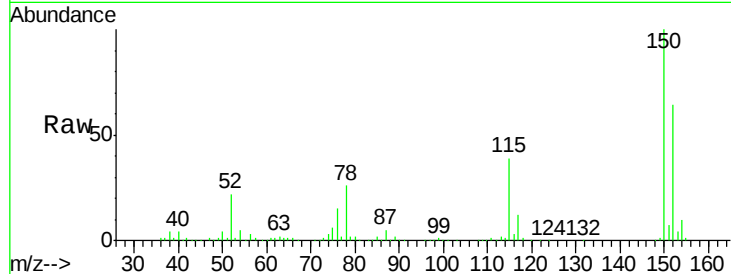
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF120838.D
Acq: 10 Jul 2020 18:36

Instrument :
BNA_F
ClientSampleId :
MH1

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.1	189.1
115	60.8	48.5	72.7

Manual Integrations
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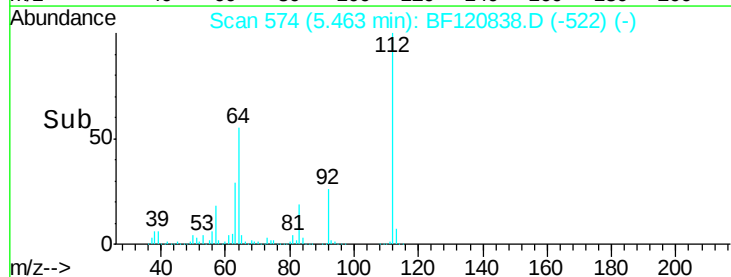
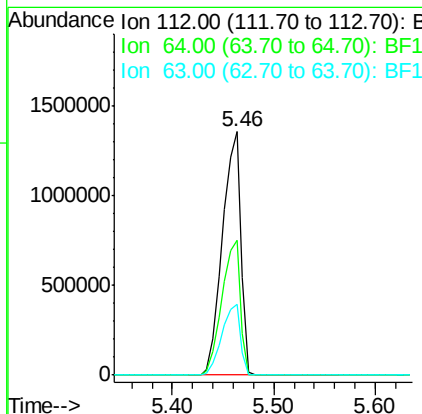
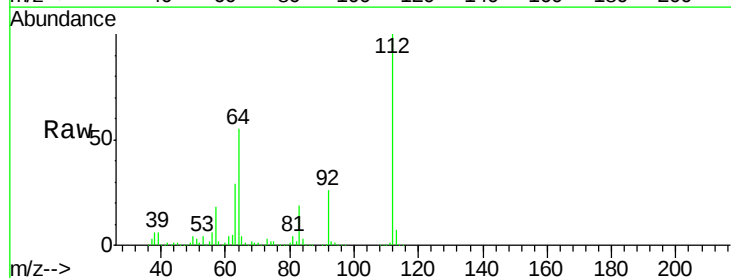
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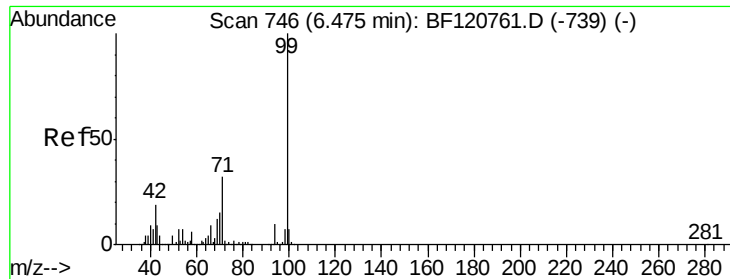


#5

2-Fluorophenol
Concen: 132.636 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.01 min
Lab File: BF120838.D
Acq: 10 Jul 2020 18:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.5	43.8	65.6
63	29.2	23.6	35.4





#7

Phenol-d6

Concen: 134.096 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF120838.D

Acq: 10 Jul 2020 18:36

Instrument :

BNA_F

ClientSampleId :

MH1

Tot Ion: 99 Resp: 2218700

Ion Ratio Lower Upper

99 100

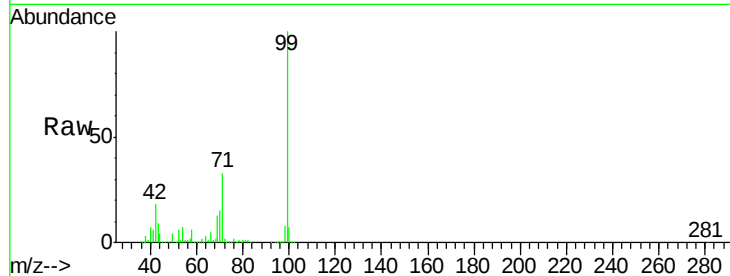
42 18.4 15.4 23.0

71 33.4 25.9 38.9

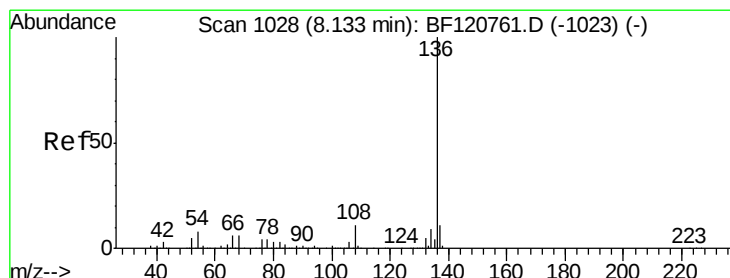
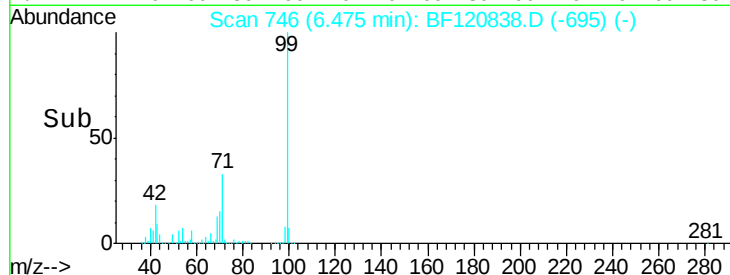
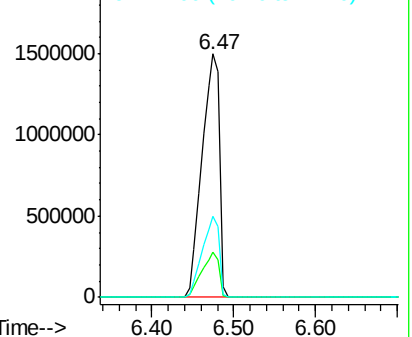
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF120838.D

Acq: 10 Jul 2020 18:36

Tgt Ion: 136 Resp: 734811

Ion Ratio Lower Upper

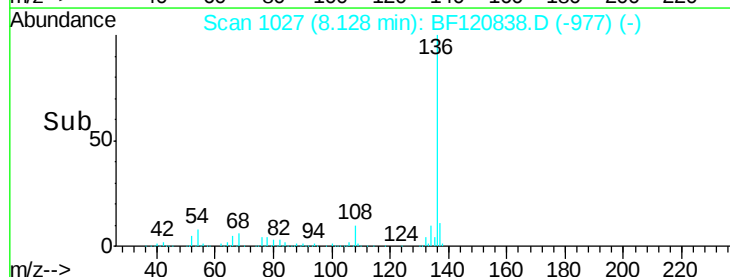
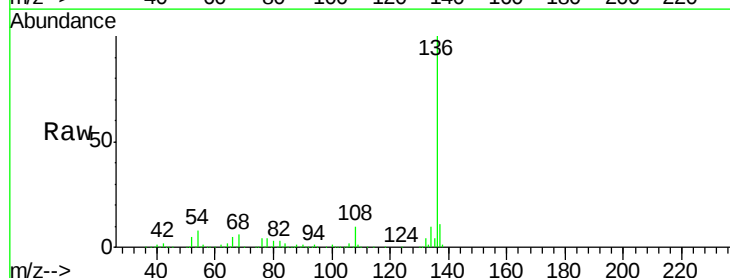
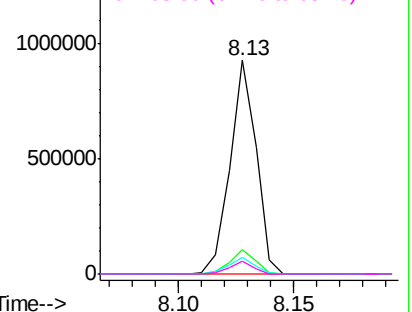
136 100

137 11.5 9.0 13.6

54 7.7 6.2 9.4

68 5.9 4.7 7.1

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: 111.486 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF120838.D

Acq: 10 Jul 2020 18:36

Instrument :

BNA_F

ClientSampleId :

MH1

Tot Ion: 82 Resp: 1413952

Ion Ratio Lower Upper

82 100

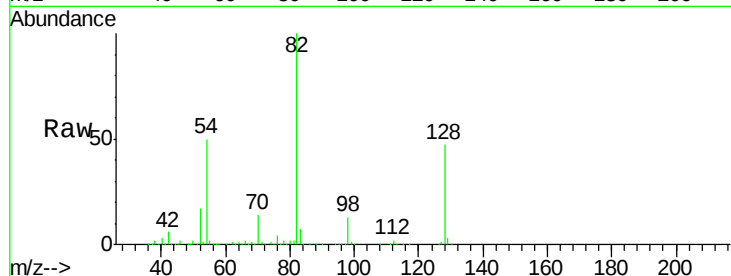
128 47.0 35.7 53.5

54 50.4 40.9 61.3

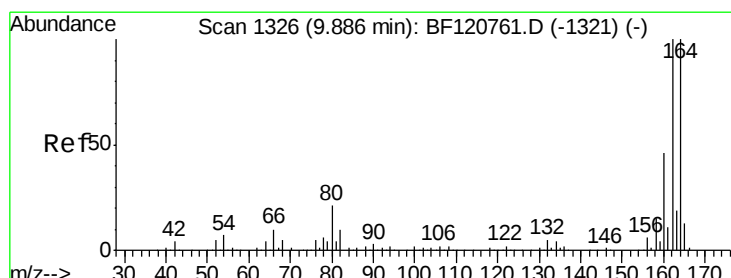
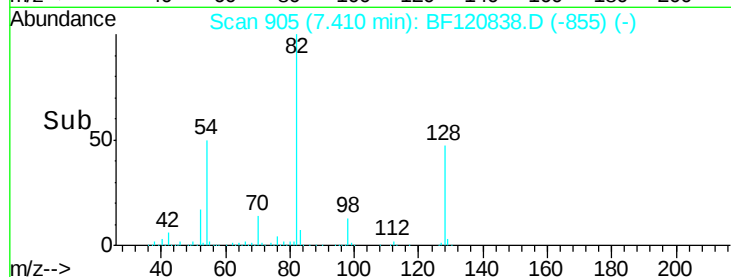
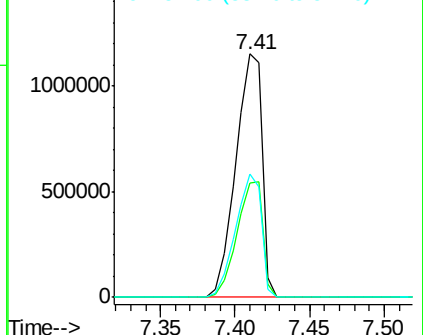
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF120838.D

Acq: 10 Jul 2020 18:36

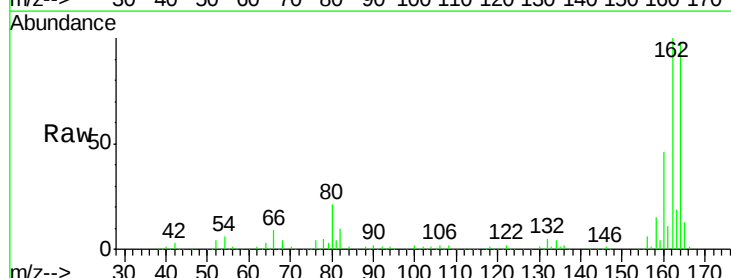
Tgt Ion: 164 Resp: 369985

Ion Ratio Lower Upper

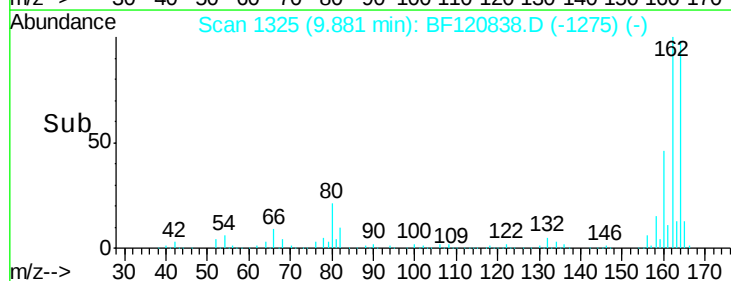
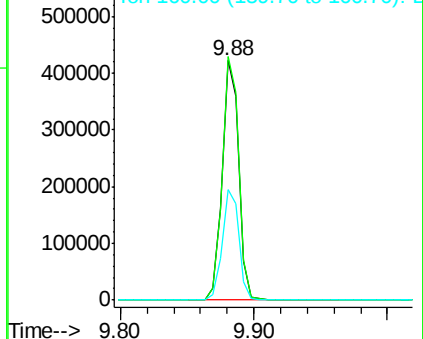
164 100

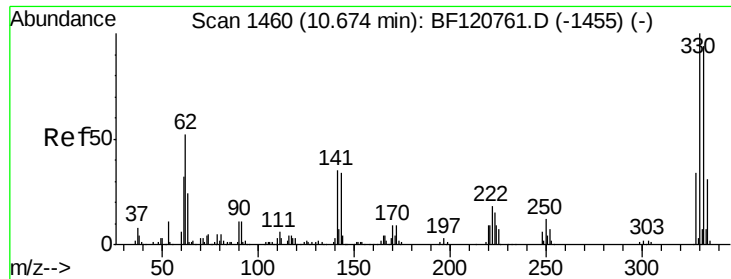
162 101.6 80.2 120.2

160 46.2 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





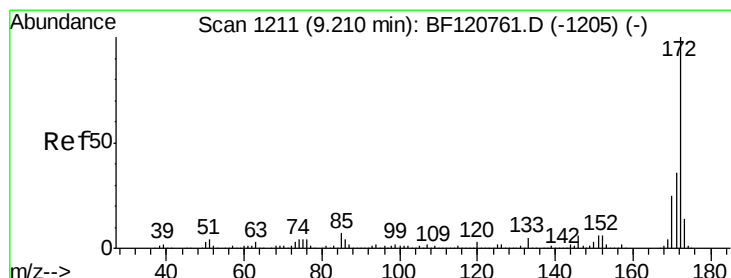
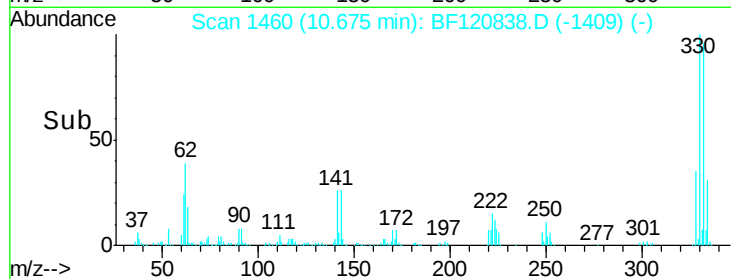
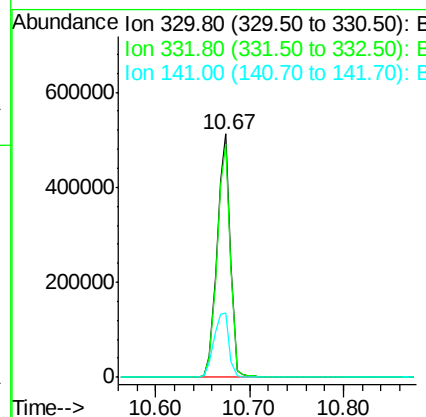
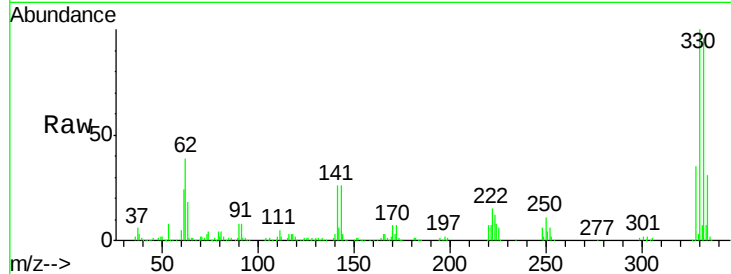
#42
 2,4,6-Tribromophenol
 Concen: 138.994 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. 0.00 min
 Lab File: BF120838.D
 Acq: 10 Jul 2020 18:36

Instrument :
 BNA_F
 ClientSampleId :
 MH1

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.8	113.6
141	30.5	29.7	44.5

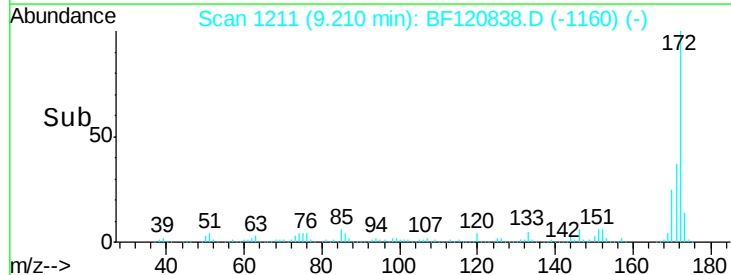
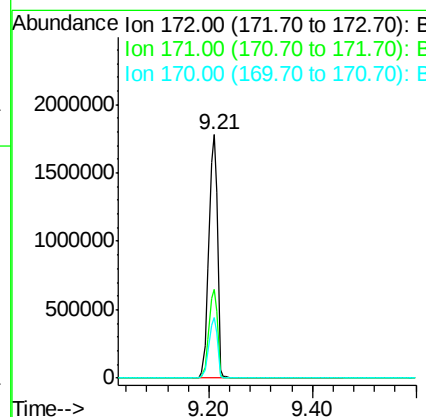
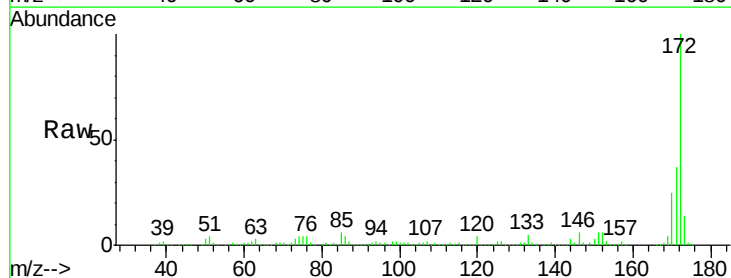
Manual Integrations
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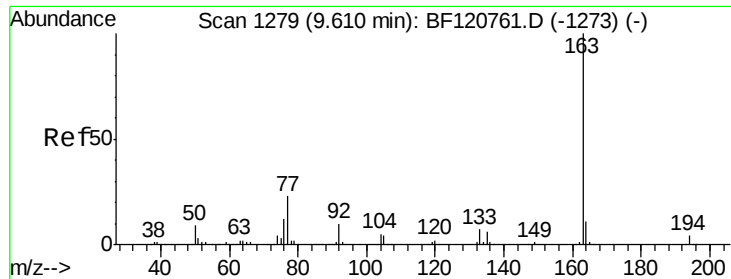
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#45
 2-Fluorobiphenyl
 Concen: 85.261 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF120838.D
 Acq: 10 Jul 2020 18:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.1	43.7
170	24.7	19.8	29.6





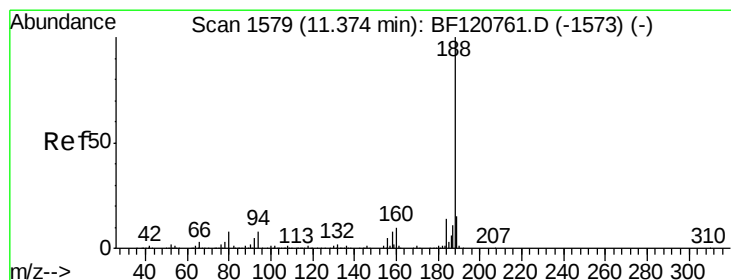
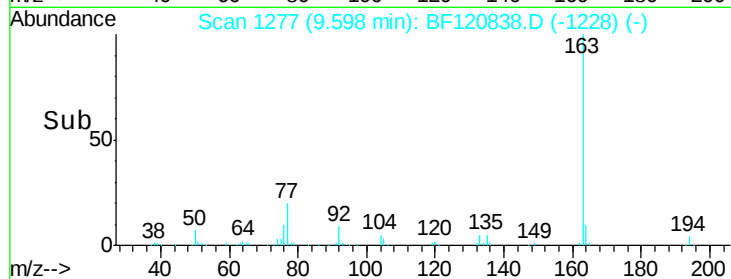
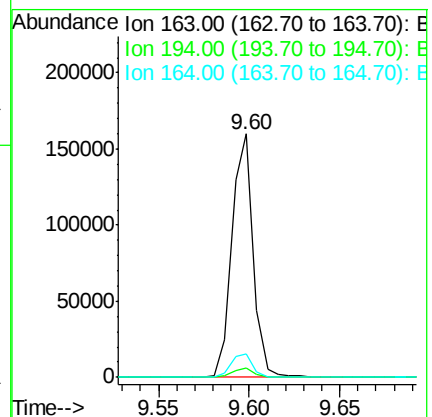
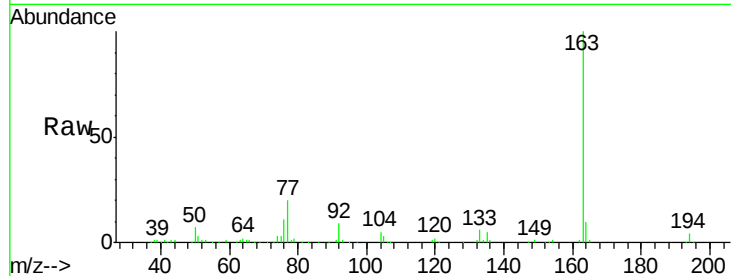
#50
Dimethylphthalate
Concen: 4.841 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF120838.D
Acq: 10 Jul 2020 18:36

Instrument :
BNA_F
ClientSampleId :
MH1

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100				
194	4.0		2.9	4.3	
164	9.8		8.5	12.7	

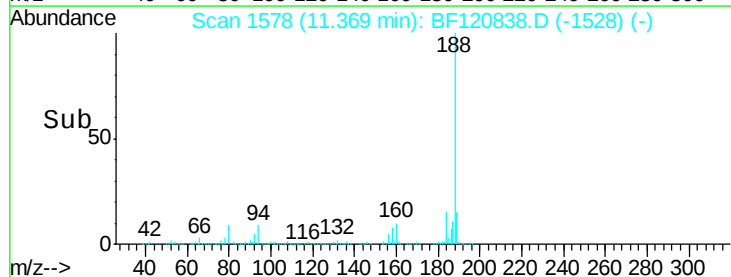
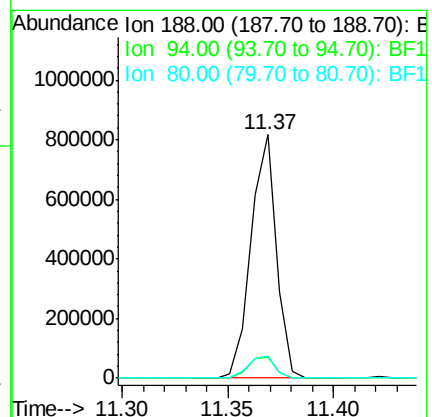
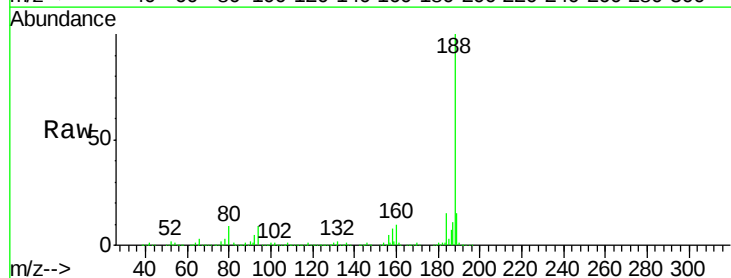
Manual Integrations
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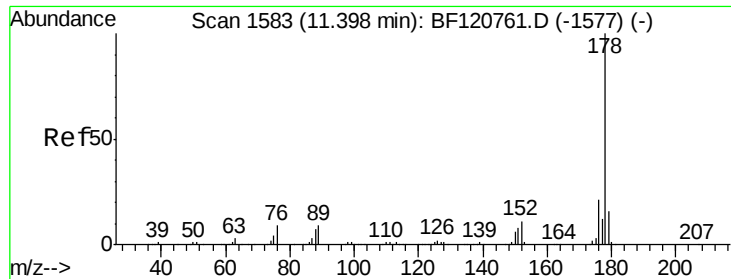
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF120838.D
Acq: 10 Jul 2020 18:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.9		6.6	9.8	
80	9.0		6.6	10.0	





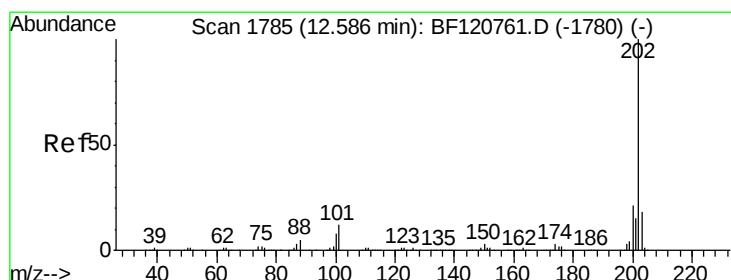
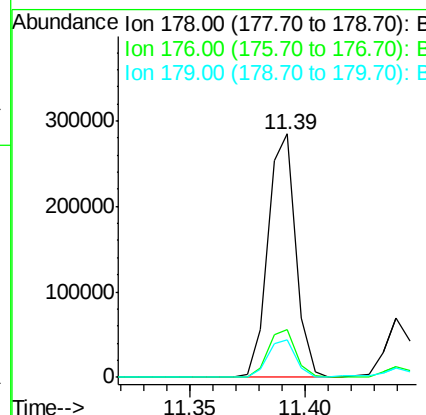
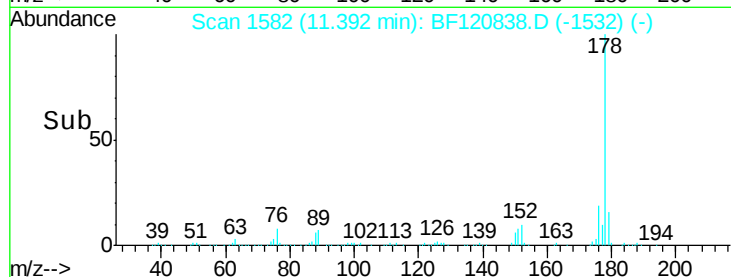
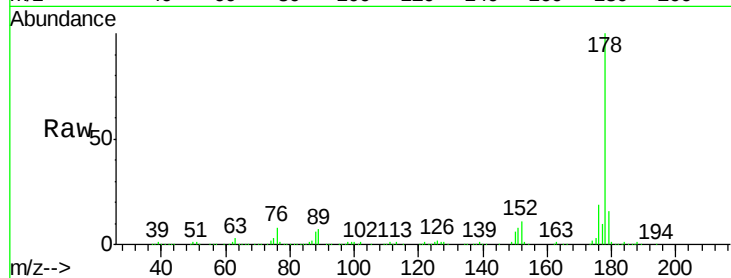
#71
Phenanthrene
Concen: 6.427 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF120838.D
Acq: 10 Jul 2020 18:36

Instrument :
BNA_F
ClientSampleId :
MH1

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.4	24.6
179	15.5	12.9	19.3

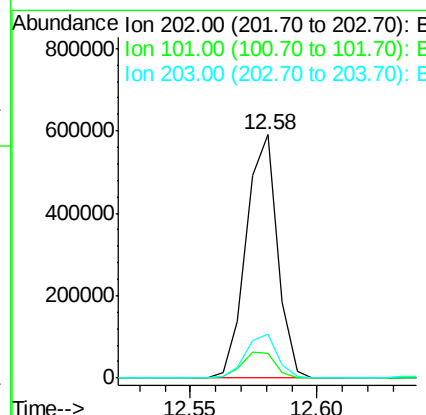
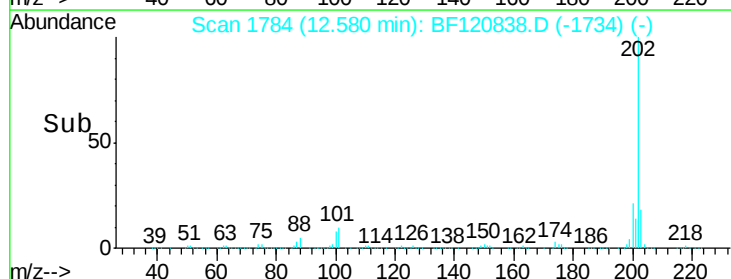
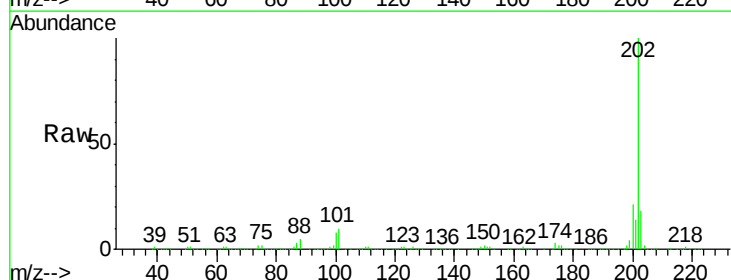
Manual Integrations
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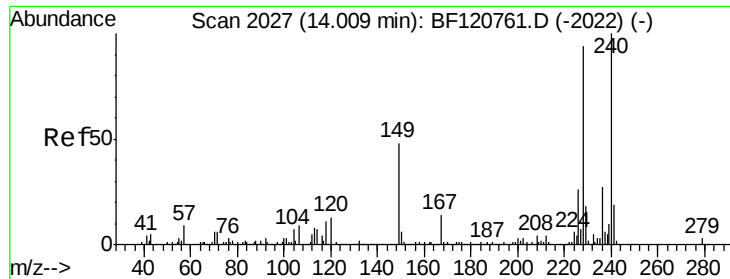
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#75
Fluoranthene
Concen: 12.879 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF120838.D
Acq: 10 Jul 2020 18:36

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	31.6
203	17.9	0.0	38.2





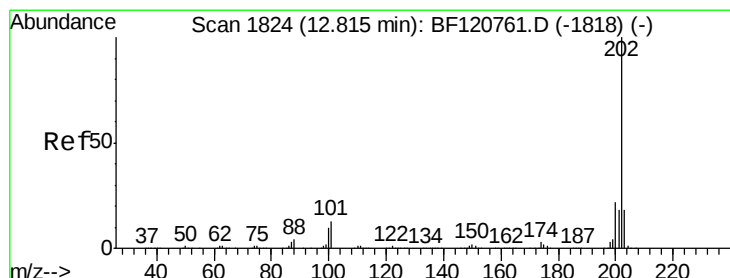
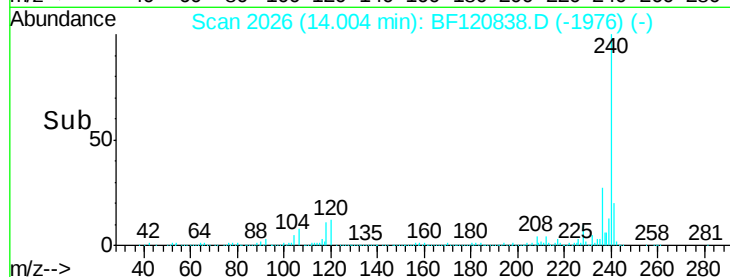
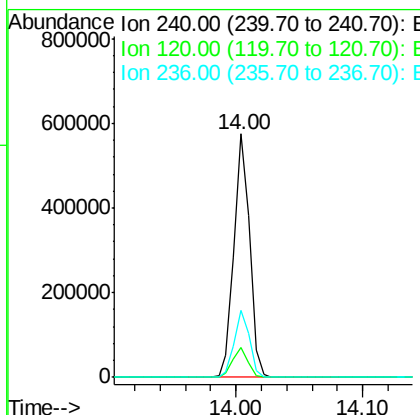
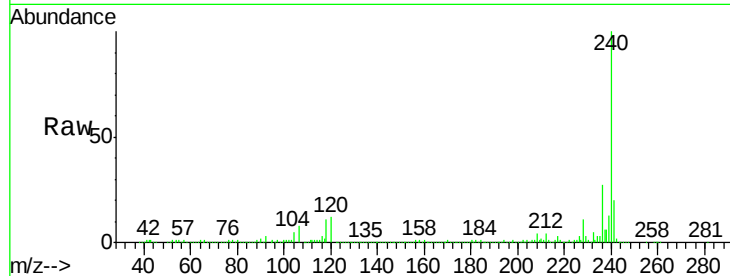
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF120838.D
Acq: 10 Jul 2020 18:36

Instrument :
BNA_F
ClientSampled :
MH1

Tot Ion	Ratio	Resp	Lower	Upper
240	100	485782		
120	12.3	10.3	15.5	
236	27.5	21.4	32.2	

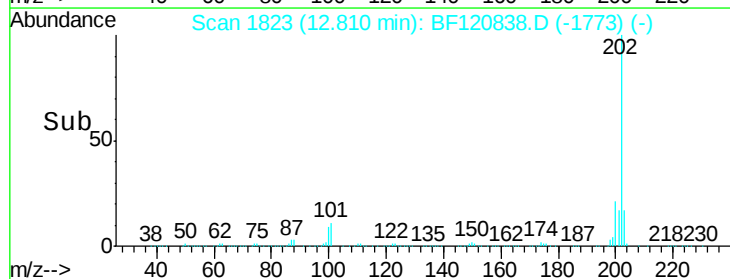
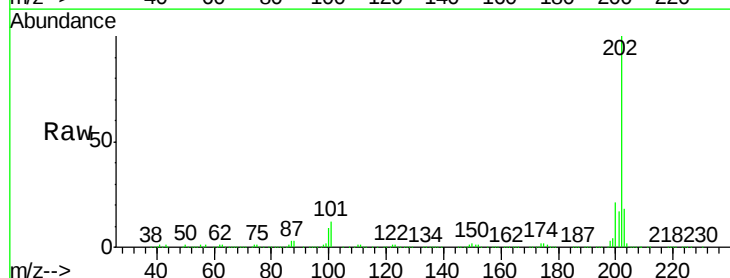
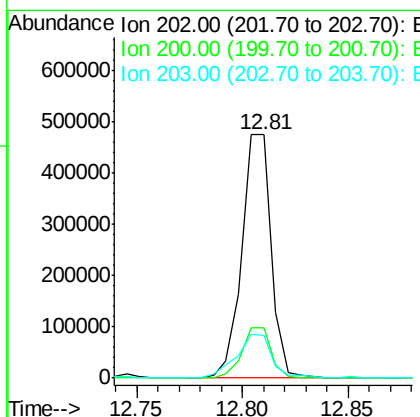
Manual Integrations
APPROVED

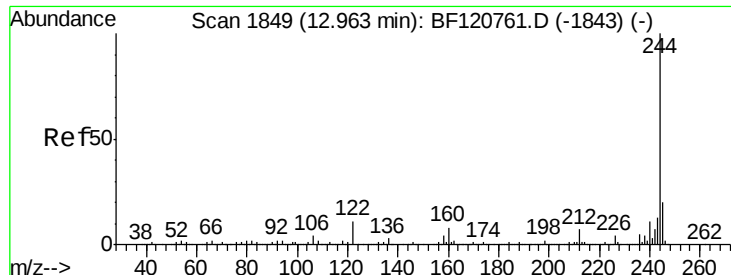
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#78
Pyrene
Concen: 11.810 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF120838.D
Acq: 10 Jul 2020 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	458201		
200	20.8	17.3	25.9	
203	17.6	14.6	22.0	





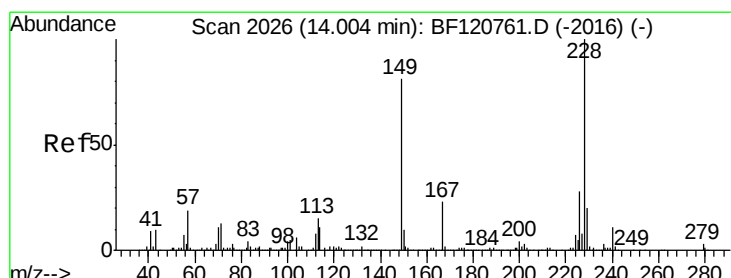
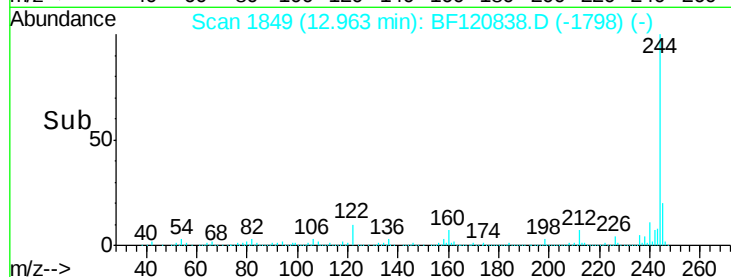
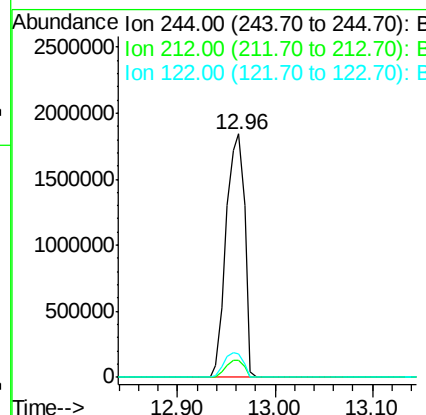
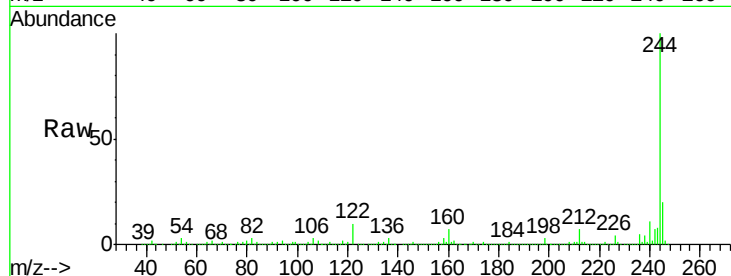
#79
 Terphenyl-d14
 Concen: 97.616 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BF120838.D
 Acq: 10 Jul 2020 18:36

Instrument :
 BNA_F
 ClientSampleId :
 MH1

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	9.8	9.0	13.4

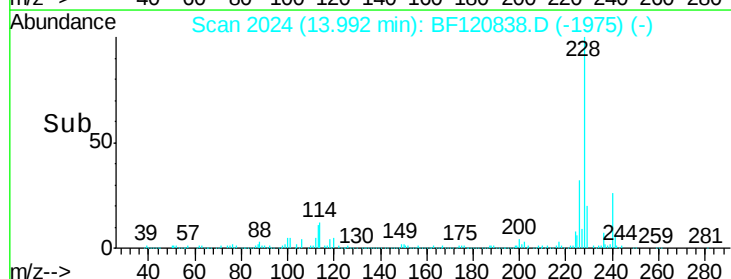
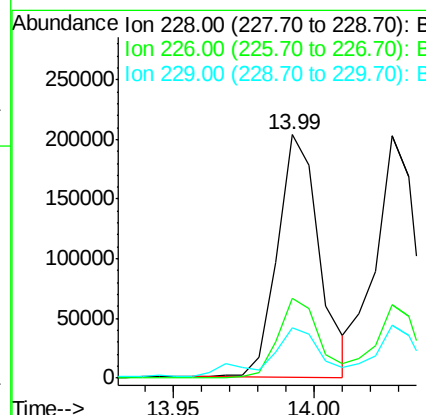
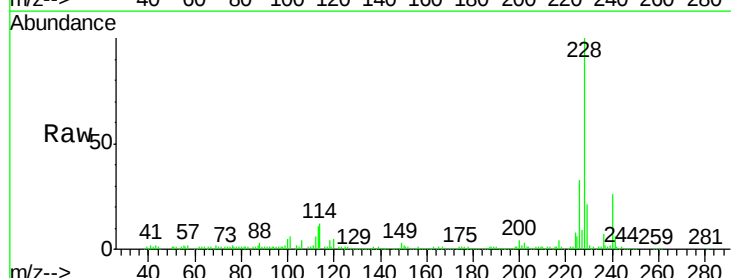
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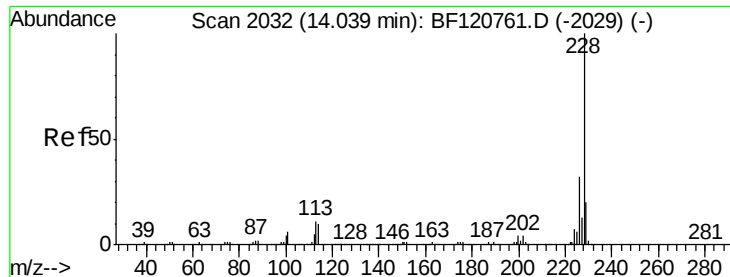
mohammad
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#81
 Benzo(a)anthracene
 Concen: 6.705 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF120838.D
 Acq: 10 Jul 2020 18:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	22.6	33.8
229	20.9	15.8	23.6





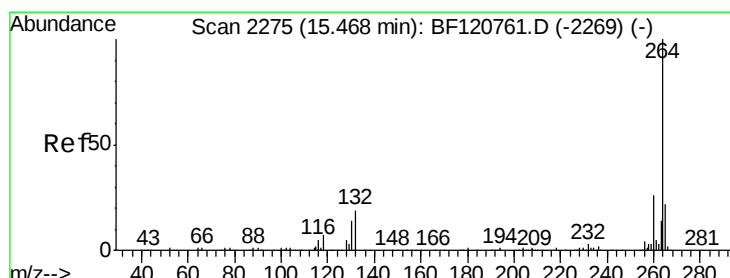
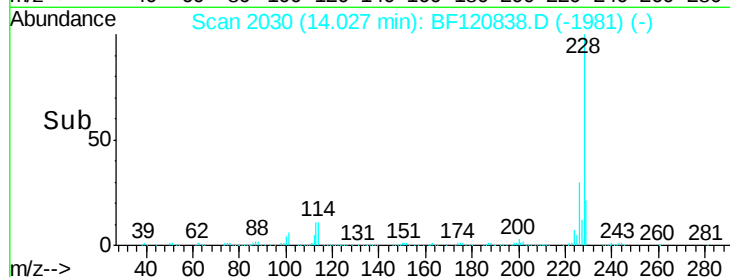
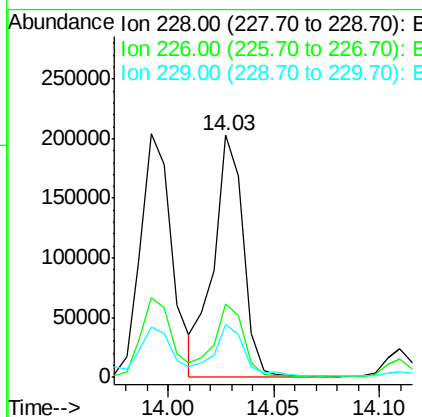
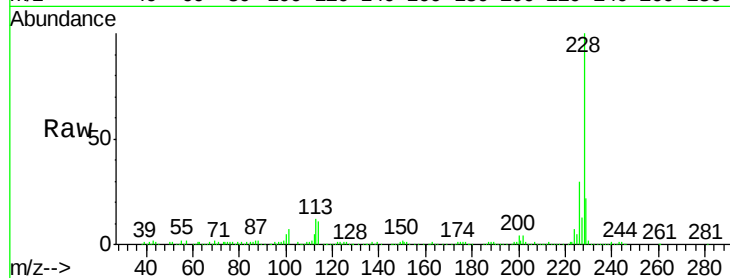
#83
Chrysene
Concen: 6.192 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF120838.D
Acq: 10 Jul 2020 18:36

Instrument :
BNA_F
ClientSampled :
MH1

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.7	38.5
229	21.8	16.3	24.5

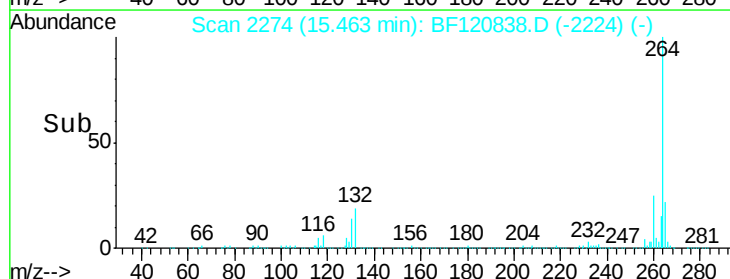
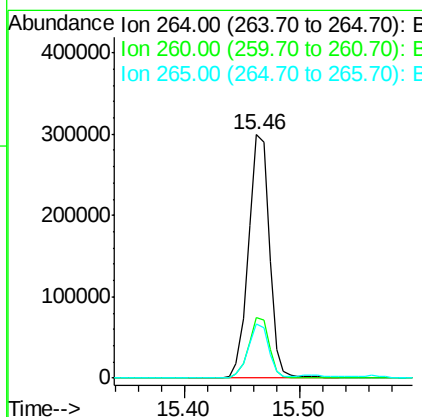
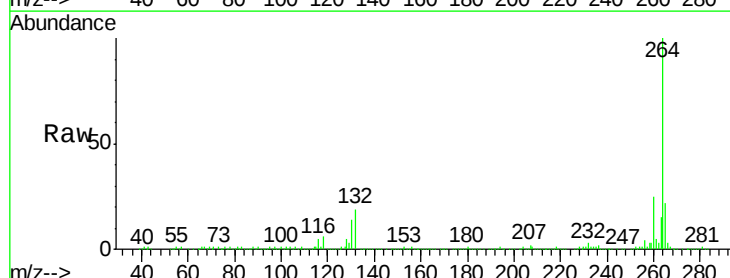
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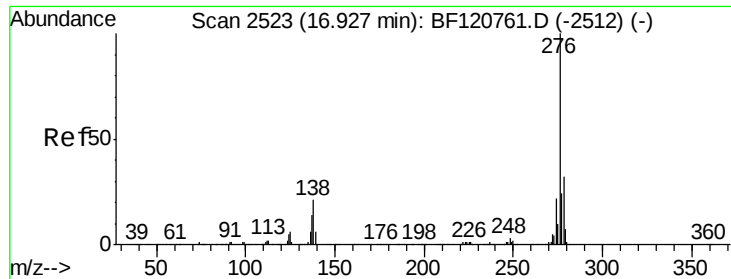
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF120838.D
Acq: 10 Jul 2020 18:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.6	30.8
265	22.5	17.6	26.4





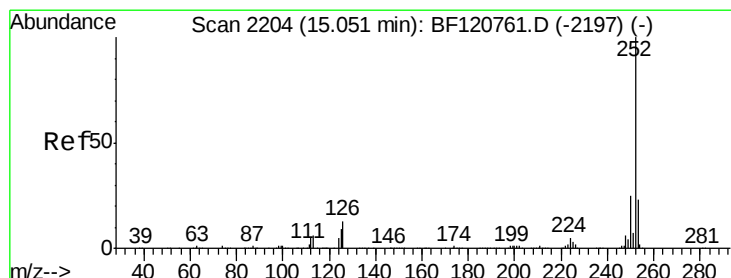
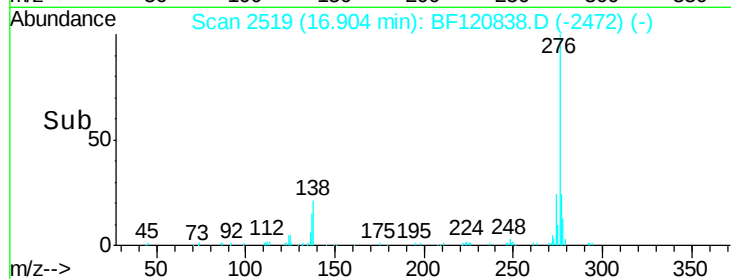
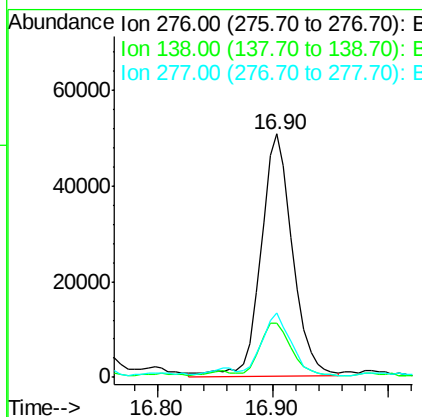
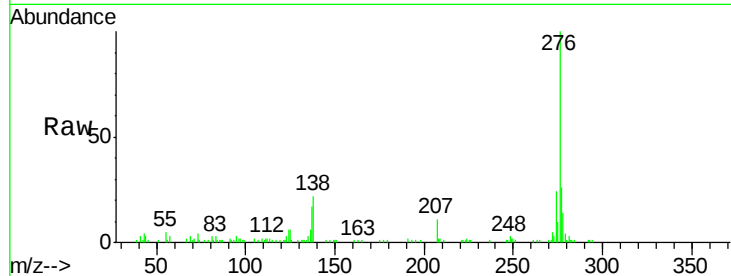
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.996 ng
 RT: 16.90 min Scan# 2519
 Delta R.T. -0.02 min
 Lab File: BF120838.D
 Acq: 10 Jul 2020 18:36

Instrument :
 BNA_F
 ClientSampleId :
 MH1

Tot Ion:	276	Resp:	96864
Ion Ratio	Lower	Upper	
276	100		
138	22.5	19.8	29.8
277	24.8	19.9	29.9

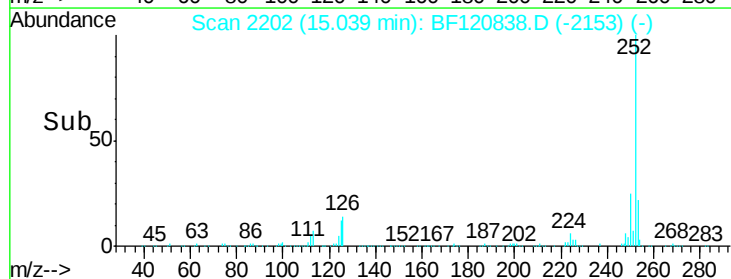
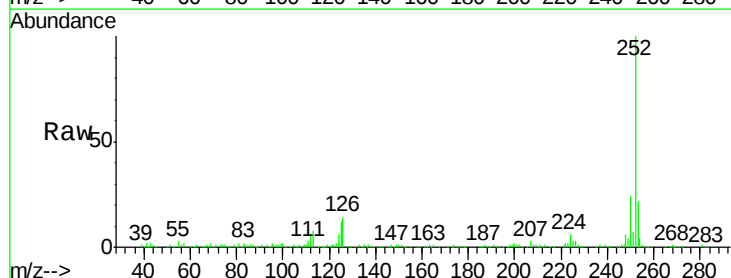
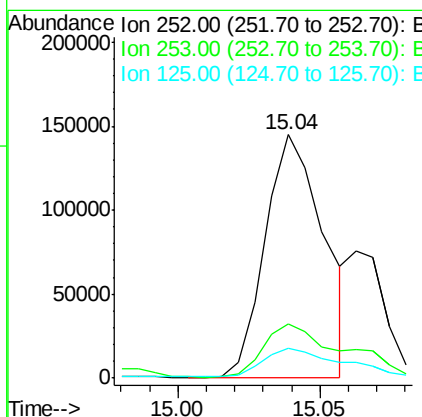
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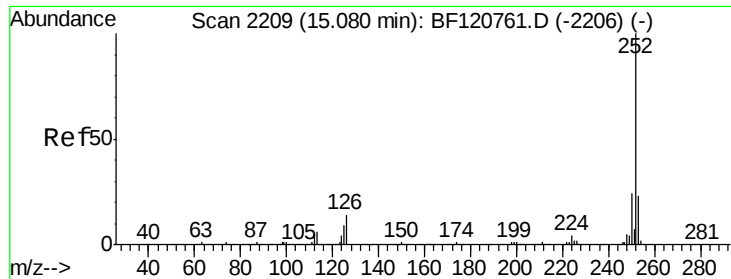
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 8.356 ng m
 RT: 15.04 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BF120838.D
 Acq: 10 Jul 2020 18:36

Tgt Ion:	252	Resp:	207631
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.0	27.0
125	12.2	7.5	11.3#





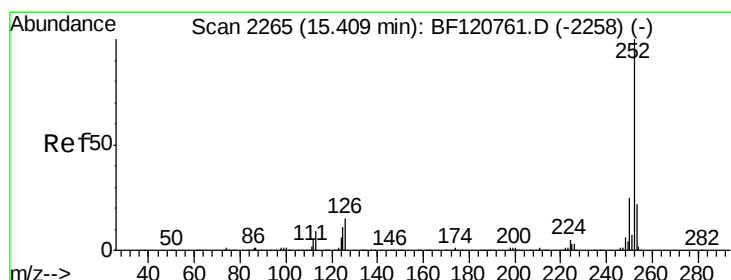
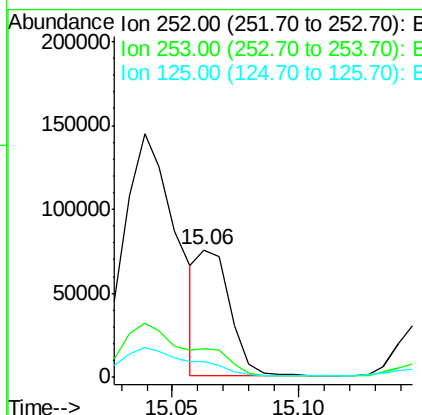
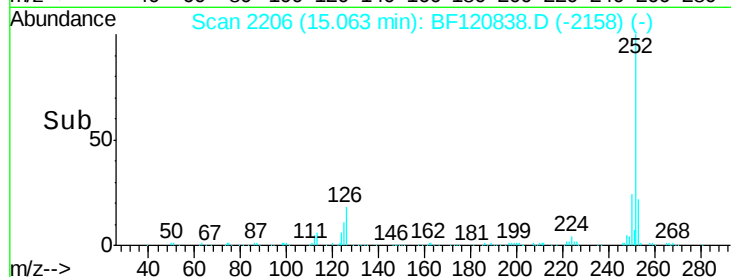
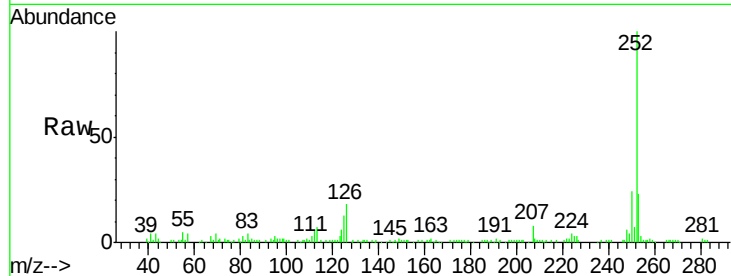
#89
Benzo(k)fluoranthene
Concen: 2.724 ng m
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF120838.D
Acq: 10 Jul 2020 18:36

Instrument :
BNA_F
ClientSampled :
MH1

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	12.5	7.6	11.4

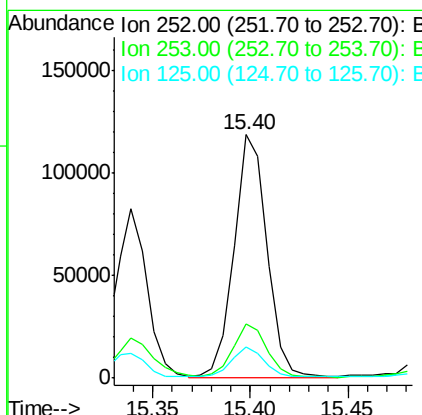
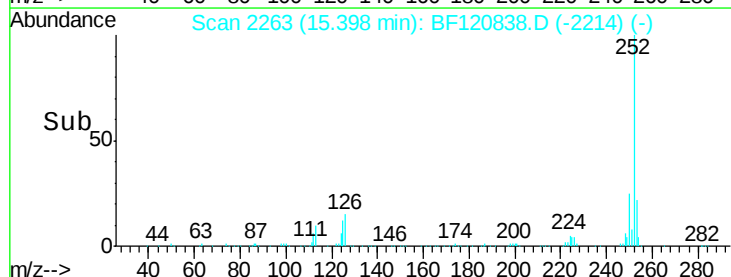
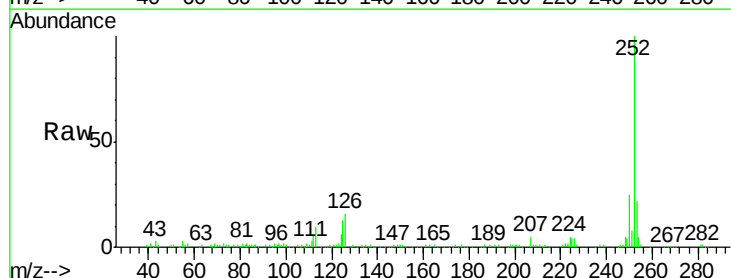
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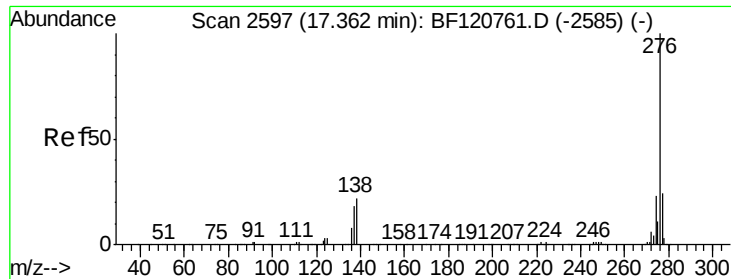
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#90
Benzo(a)pyrene
Concen: 6.235 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BF120838.D
Acq: 10 Jul 2020 18:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	12.8	9.2	13.8





#92
 Benzo(a,h,i)perylene
 Concen: 5.266 ng
 RT: 17.34 min Scan# 2593
 Delta R.T. -0.02 min
 Lab File: BF120838.D
 Acq: 10 Jul 2020 18:36

Instrument :
 BNA_F
 ClientSampleId :
 MH1

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	24.6	17.4	26.2

Manual Integrations
 APPROVED

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