

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
 Data File : BF121831.D
 Acq On : 5 Oct 2020 22:25
 Operator : JU/CG
 Sample : L3872-13 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-093020

Manual Integrations
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mohammad
 10/7/2020 10:36:28 AM

Quant Time: Oct 06 01:34:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	106564	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	393240	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	179335	20.00	ng	-0.01
64) Phenanthrene-d10	11.28	188	292357	20.00	ng	-0.01
76) Chrysene-d12	13.92	240	270578	20.00	ng	-0.01
86) Perylene-d12	15.36	264	267394	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	352067	49.10	ng	0.00
7) Phenol-d6	6.40	99	442178	47.00	ng	-0.01
23) Nitrobenzene-d5	7.33	82	286898	39.17	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	95451	42.82	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	487211	41.15	ng	-0.01
79) Terphenyl-d14	12.86	244	380969	28.52	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.52	163	50168	3.860	ng	Qvalue 100
71) Phenanthrene	11.30	178	36252	2.276	ng	97
75) Fluoranthene	12.49	202	107860	6.343	ng	100
78) Pyrene	12.72	202	195555	9.892	ng	99
81) Benzo(a)anthracene	13.91	228	119311	6.970	ng	98
83) Chrysene	13.94	228	131406	7.581	ng	97
87) Indeno(1,2,3-cd)pyrene	16.77	276	61861	3.552	ng	97
88) Benzo(b)fluoranthene	14.95	252	137333m	7.683	ng	
89) Benzo(k)fluoranthene	14.97	252	45607m	2.786	ng	
90) Benzo(a)pyrene	15.30	252	129826	8.544	ng	# 96
92) Benzo(g,h,i)perylene	17.20	276	63010	4.422	ng	98

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

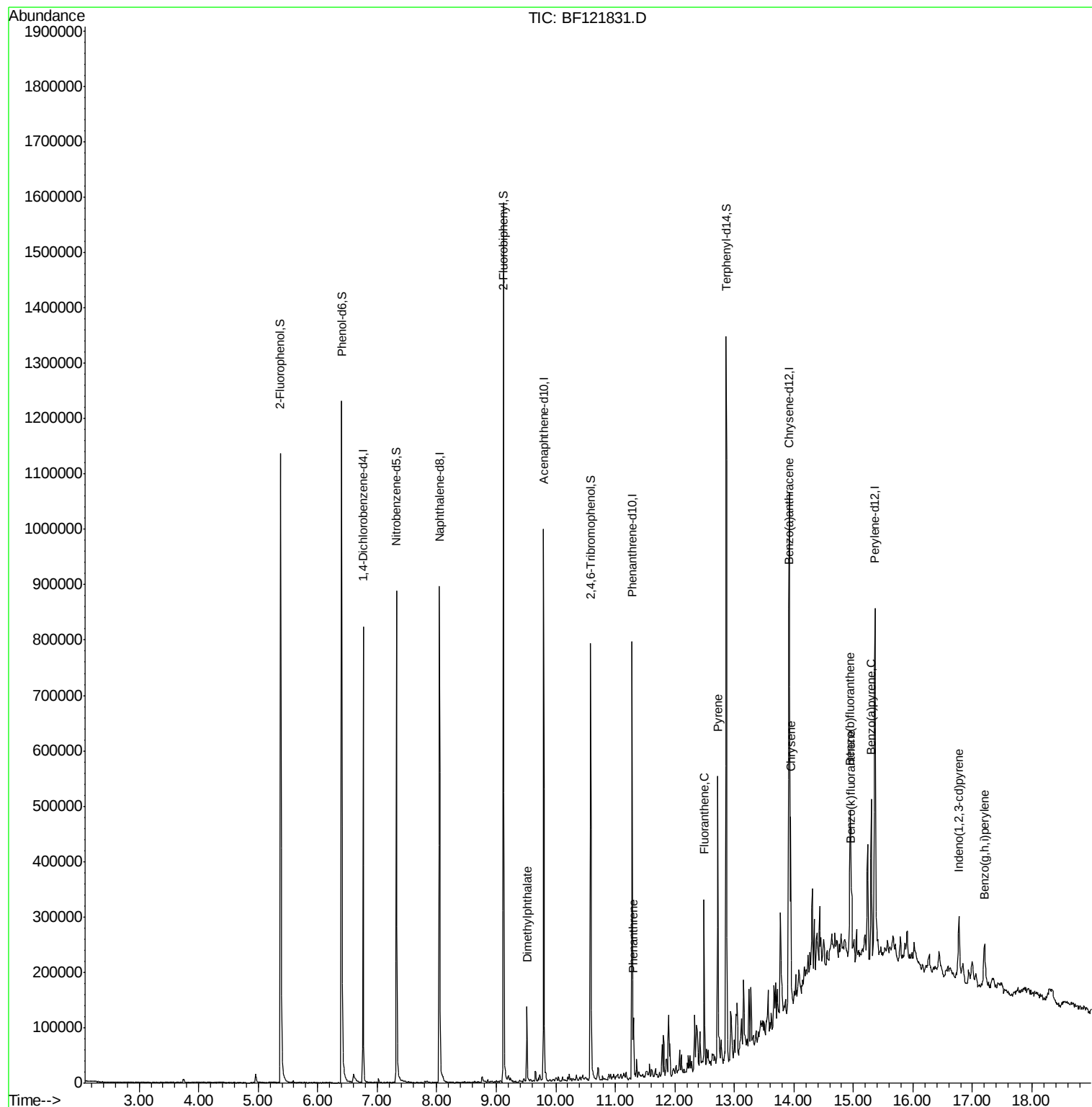
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Data File : BF121831.D
Acq On : 5 Oct 2020 22:25
Operator : JU/CG
Sample : L3872-13 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

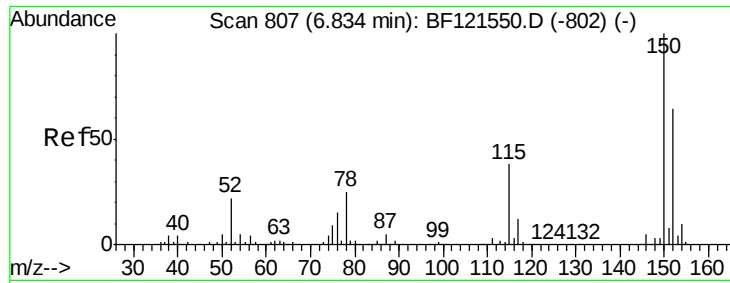
Instrument :
BNA_F
ClientSampleId :
BU-03-093020

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Quant Time: Oct 06 01:34:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
Response via : Initial Calibration





#1

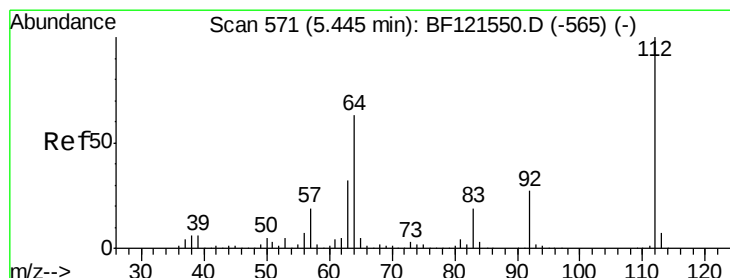
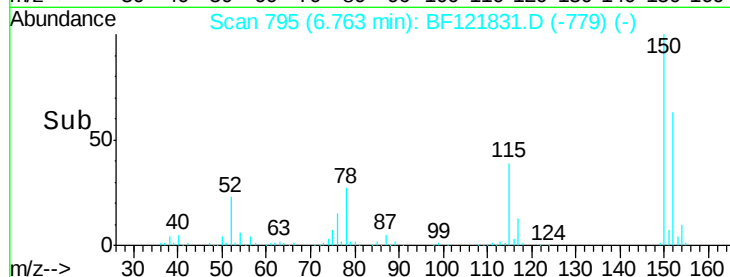
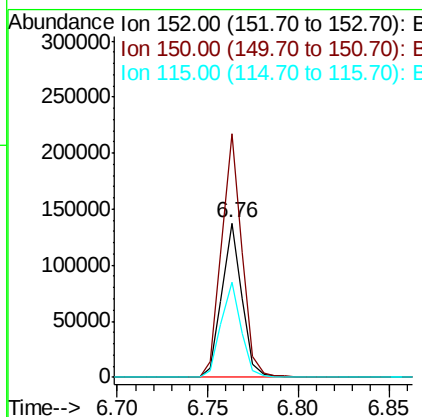
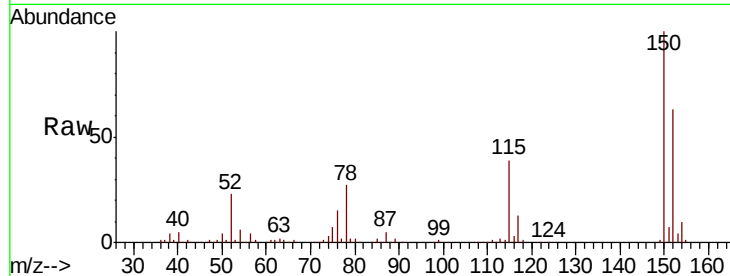
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121831.D
Acq: 5 Oct 2020 22:25

Instrument :
BNA_F
ClientSampleId :
BU-03-093020

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	125.3	187.9
115	61.9	51.9	77.9

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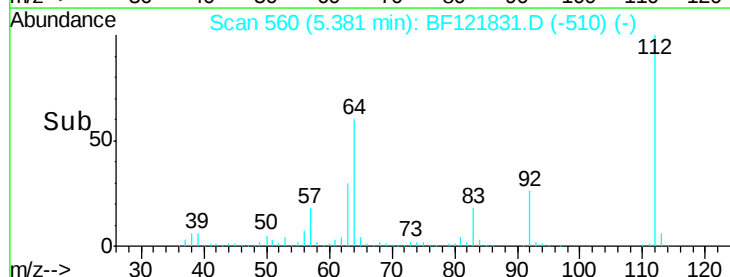
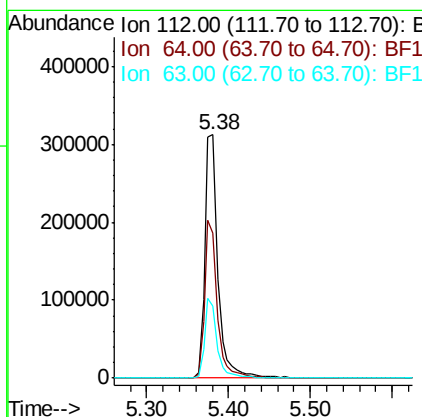
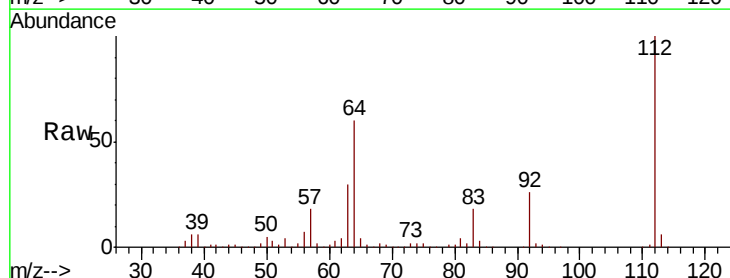
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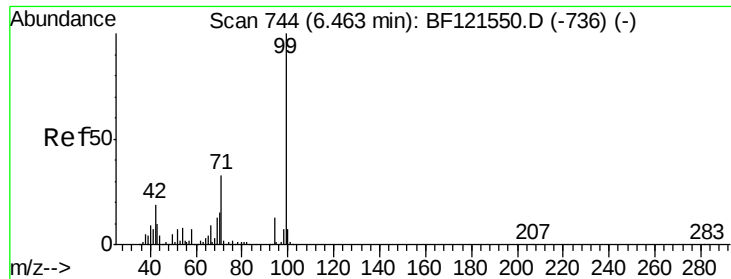


#5

2-Fluorophenol
Concen: 49.099 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF121831.D
Acq: 5 Oct 2020 22:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	50.4	75.6
63	29.8	25.8	38.6





#7

Phenol-d6

Concen: 47.003 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF121831.D

Acq: 5 Oct 2020 22:25

Instrument :

BNA_F

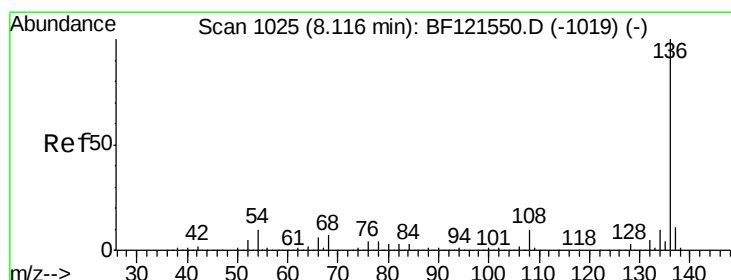
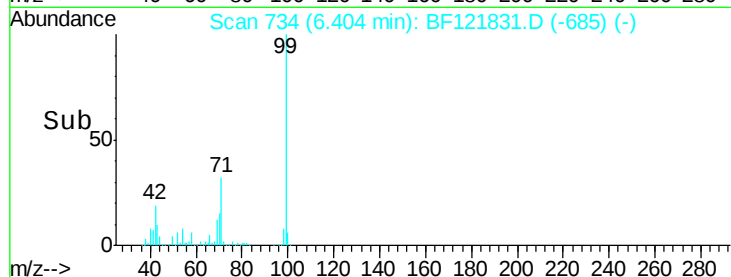
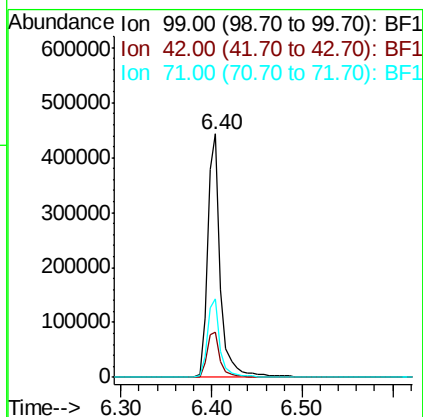
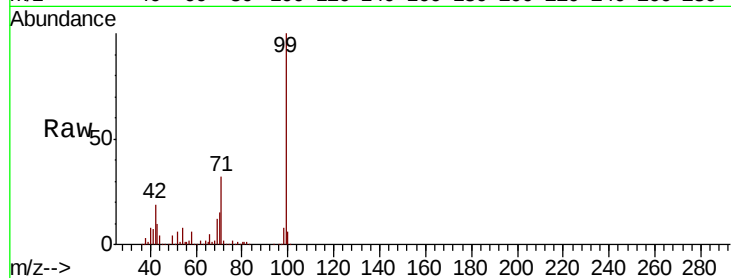
ClientSampleId :

BU-03-093020

Tot Ion:	99	Resp:	442178
Ion Ratio	Lower	Upper	
99	100		
42	18.7	15.9	23.9
71	32.0	27.1	40.7

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#21

Naphthalene-d8

Concen: 20.000 ng

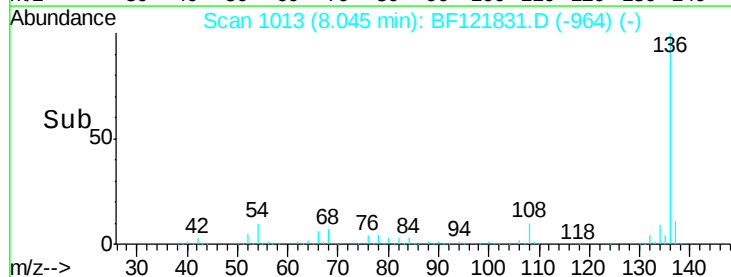
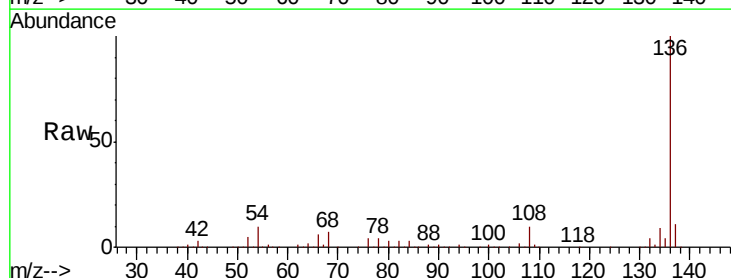
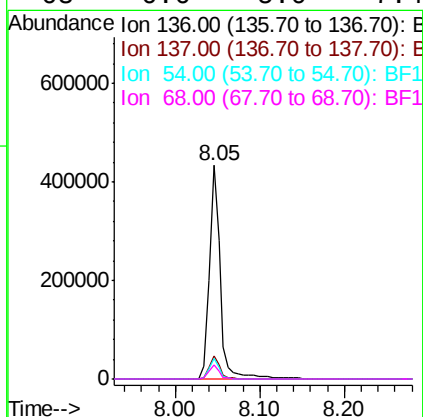
RT: 8.05 min Scan# 1013

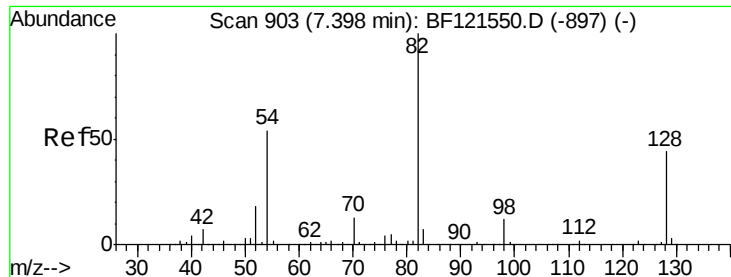
Delta R.T. -0.01 min

Lab File: BF121831.D

Acq: 5 Oct 2020 22:25

Tgt Ion:	136	Resp:	393240
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	13.0
54	9.8	7.1	10.7
68	6.6	5.0	7.4





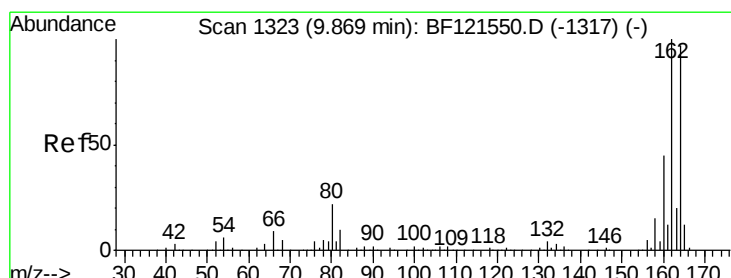
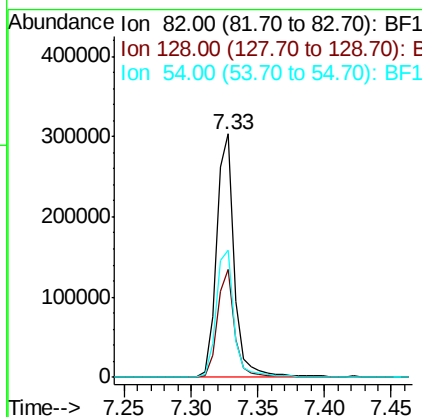
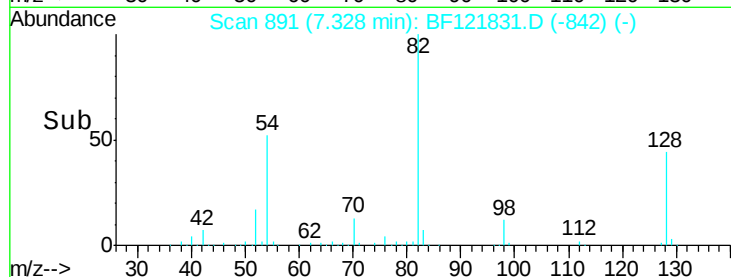
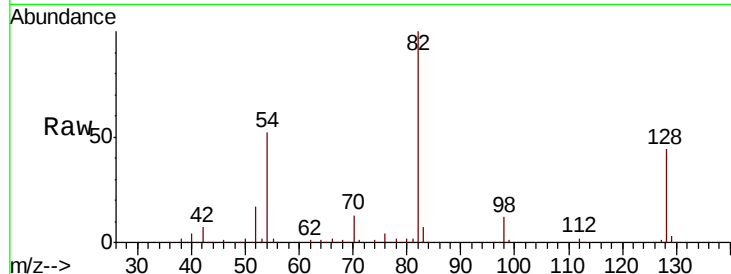
#23
Nitrobenzene-d5
Concen: 39.172 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121831.D
Acq: 5 Oct 2020 22:25

Instrument :
BNA_F
ClientSampleId :
BU-03-093020

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.4	35.0	52.4	
54	52.3	43.9	65.9	

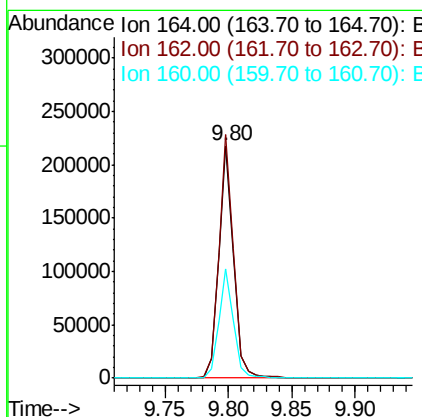
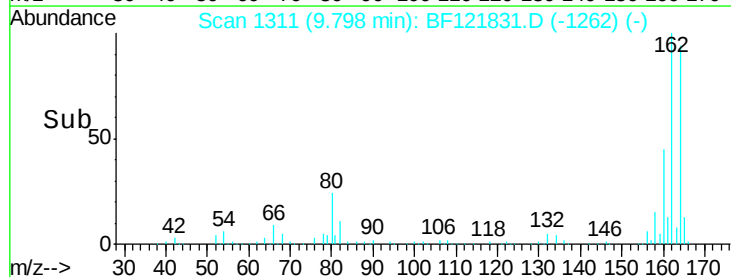
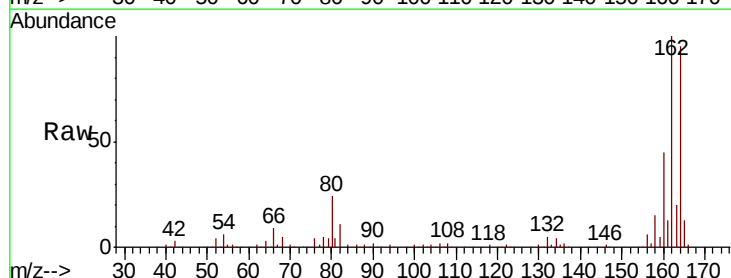
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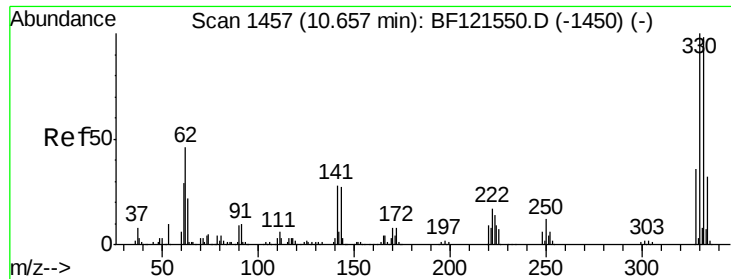
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF121831.D
Acq: 5 Oct 2020 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.8	83.2	124.8	
160	47.1	37.5	56.3	





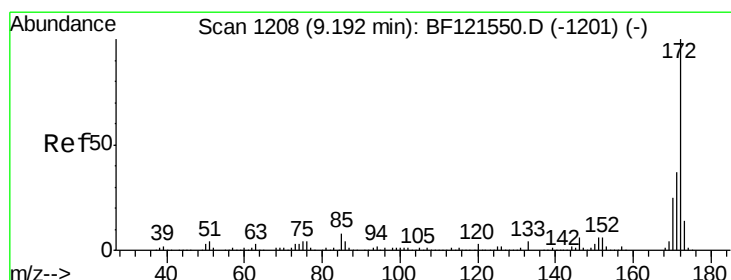
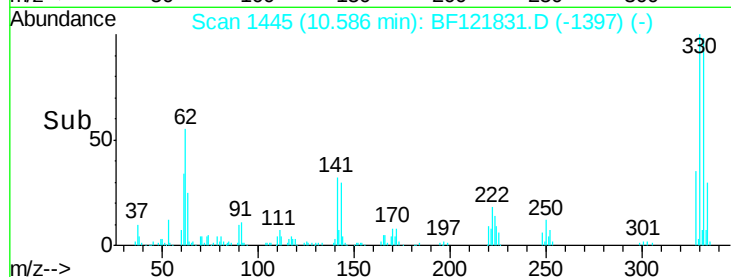
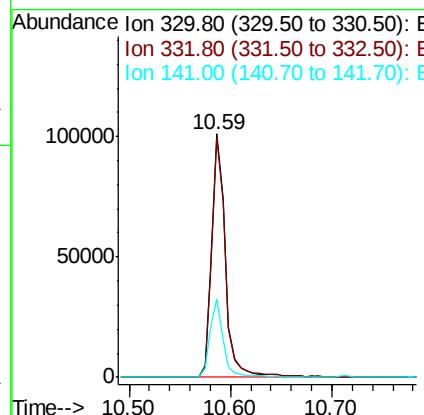
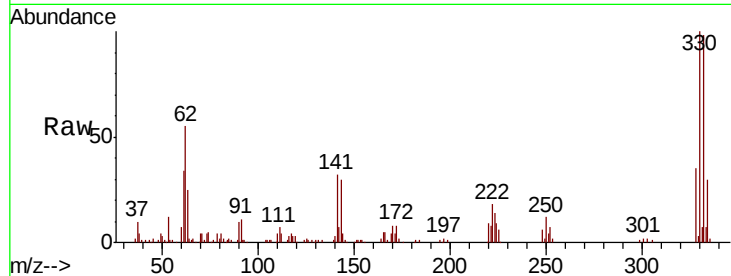
#42
 2,4,6-Tribromophenol
 Concen: 42.824 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.02 min
 Lab File: BF121831.D
 Acq: 5 Oct 2020 22:25

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-093020

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.3	115.9
141	31.4	22.3	33.5

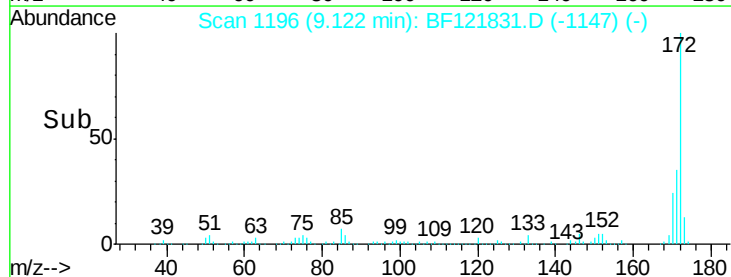
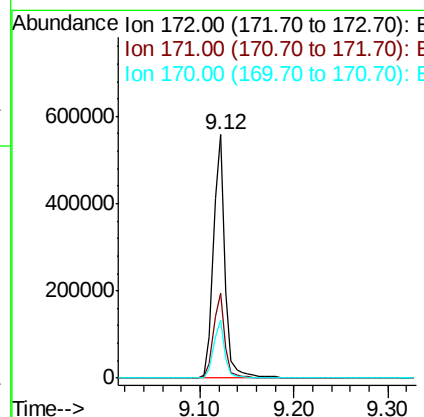
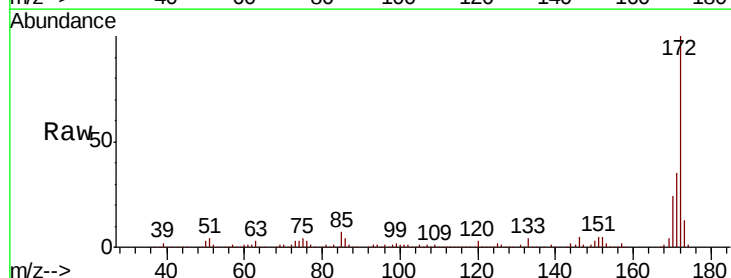
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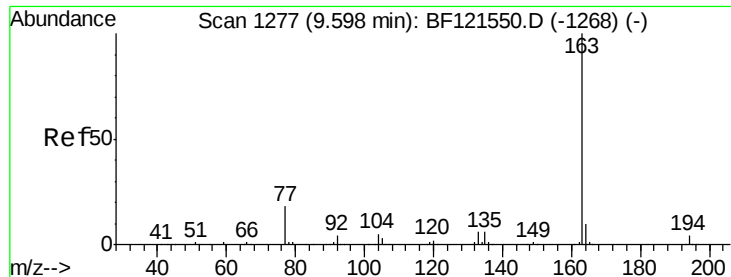
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#45
 2-Fluorobiphenyl
 Concen: 41.146 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF121831.D
 Acq: 5 Oct 2020 22:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.1	43.7
170	23.9	19.8	29.6





#50

Dimethylphthalate

Concen: 3.860 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BF121831.D

Acq: 5 Oct 2020 22:25

Instrument :

BNA_F

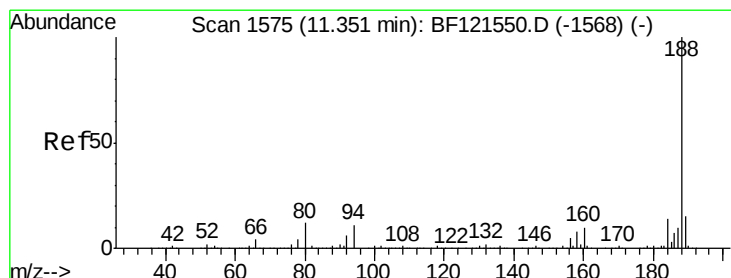
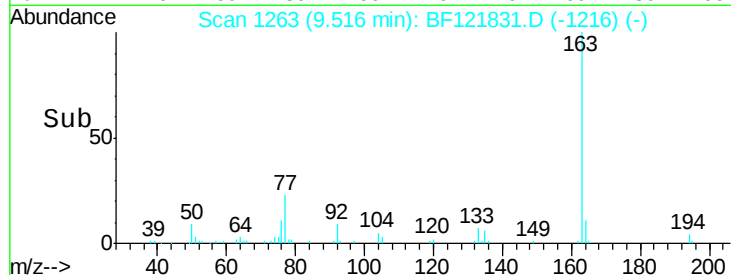
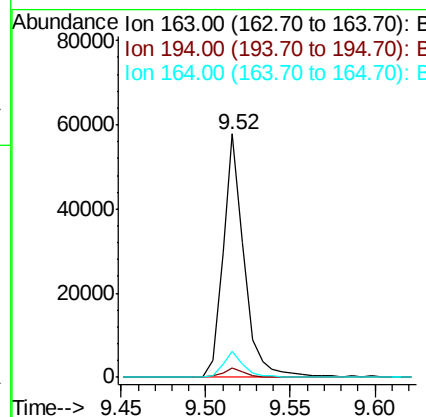
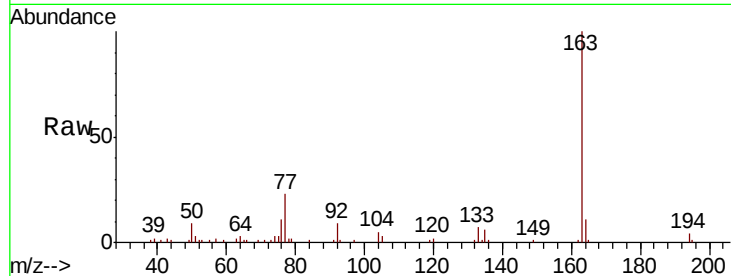
ClientSampleId :

BU-03-093020

Tot Ion:	163	Resp:	50168
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.3	4.9
164	10.5	8.2	12.4

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#64

Phenanthrene-d10

Concen: 20.000 ng

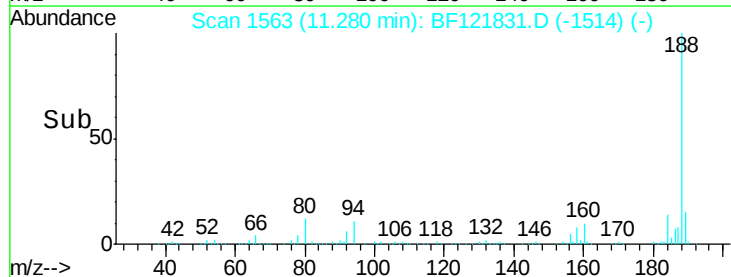
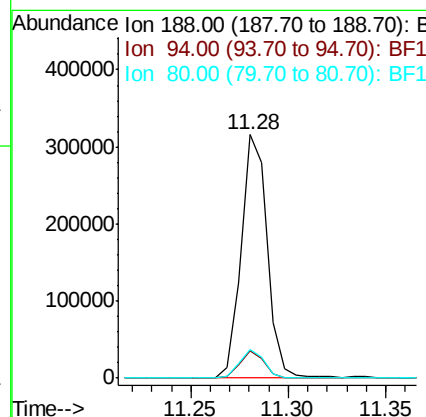
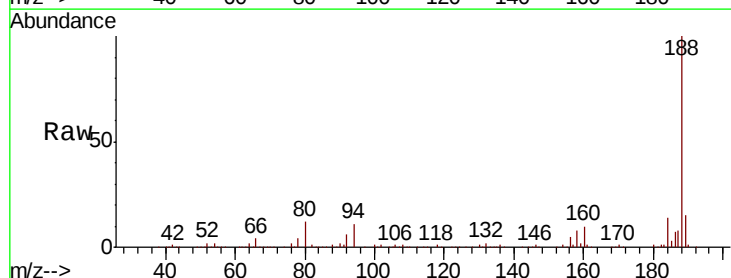
RT: 11.28 min Scan# 1563

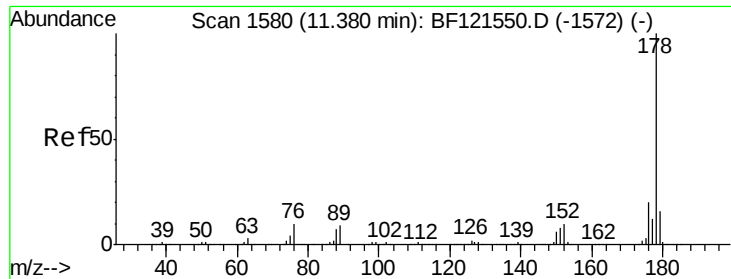
Delta R.T. -0.01 min

Lab File: BF121831.D

Acq: 5 Oct 2020 22:25

Tgt Ion:	188	Resp:	292357
Ion Ratio	Lower	Upper	
188	100		
94	11.3	8.3	12.5
80	12.0	9.1	13.7





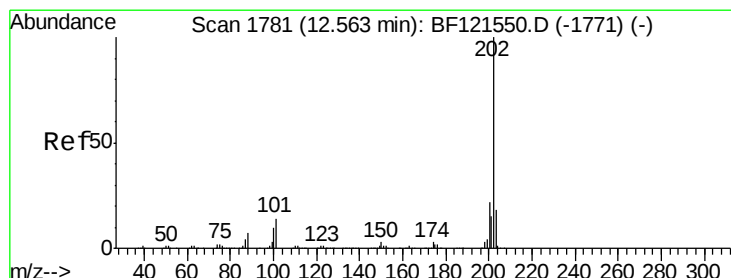
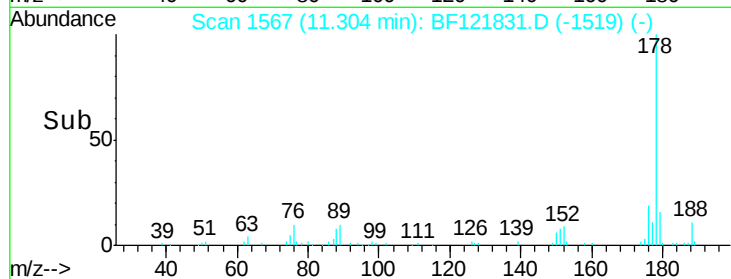
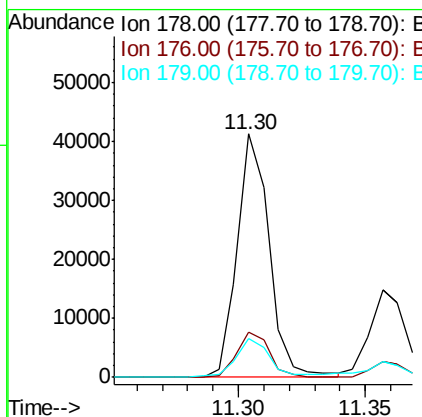
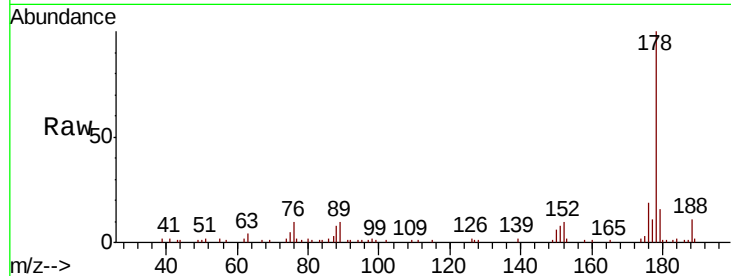
#71
Phenanthrene
Concen: 2.276 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.02 min
Lab File: BF121831.D
Acq: 5 Oct 2020 22:25

Instrument :
BNA_F
ClientSampleId :
BU-03-093020

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.9	23.9
179	16.1	12.2	18.4

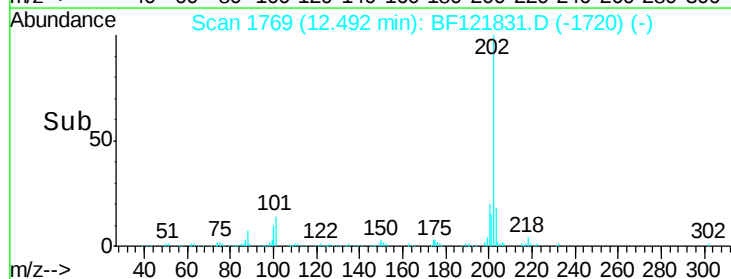
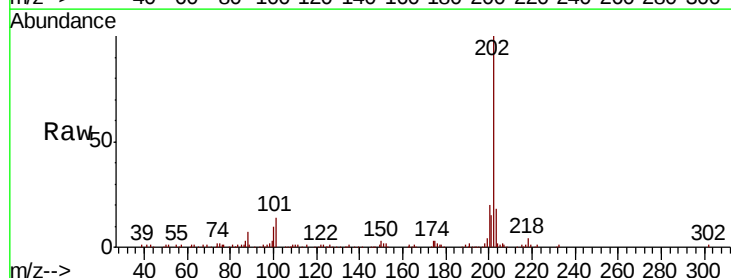
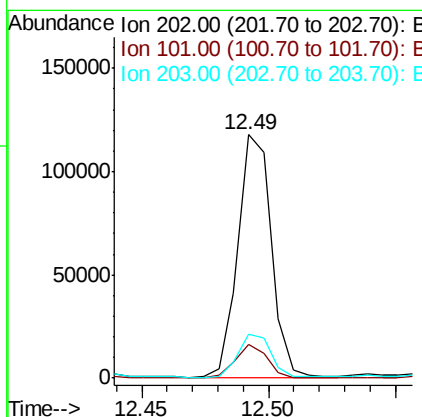
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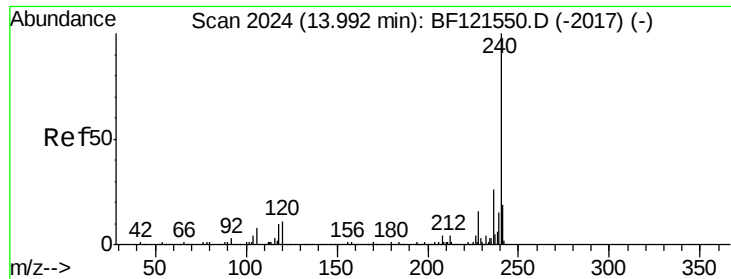
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#75
Fluoranthene
Concen: 6.343 ng
RT: 12.49 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BF121831.D
Acq: 5 Oct 2020 22:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	33.4
203	17.9	0.0	37.9





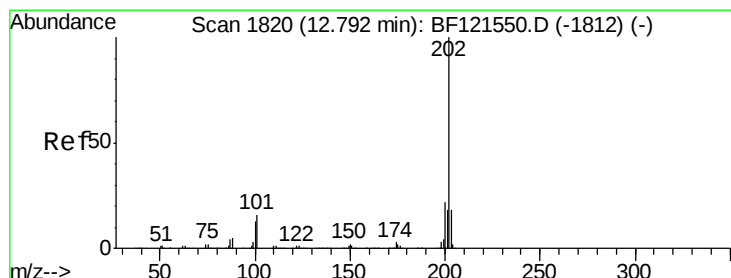
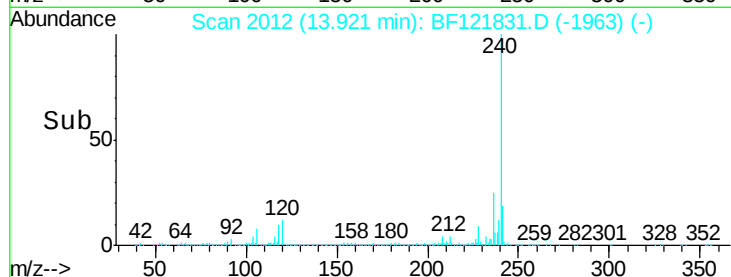
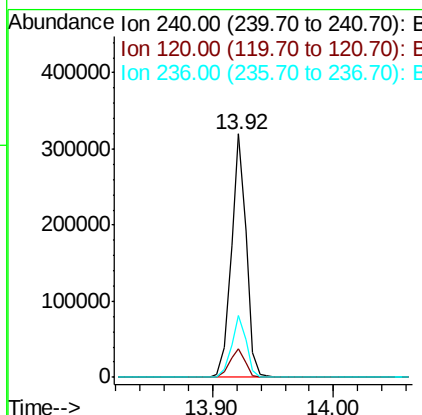
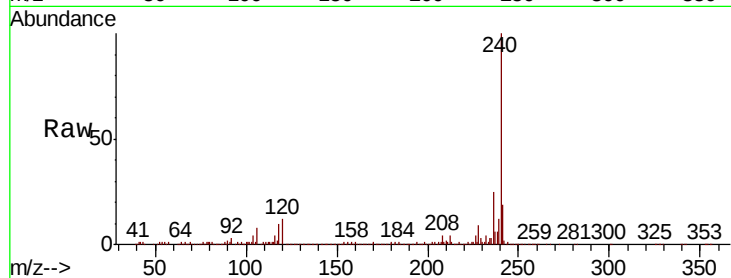
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF121831.D
Acq: 5 Oct 2020 22:25

Instrument :
BNA_F
ClientSampleId :
BU-03-093020

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.2	13.8
236	25.4	20.9	31.3

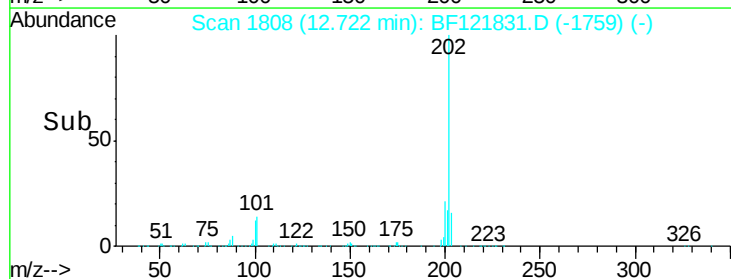
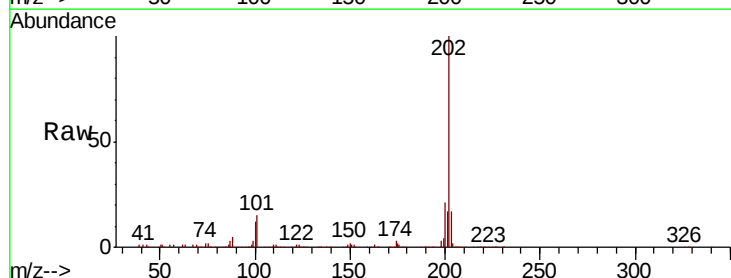
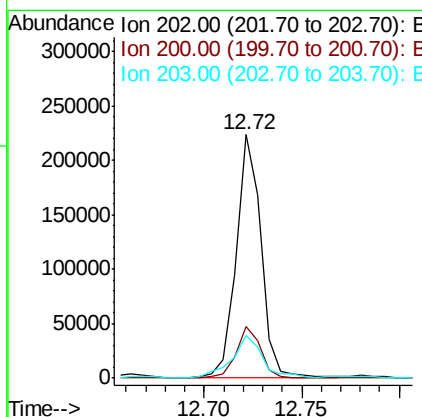
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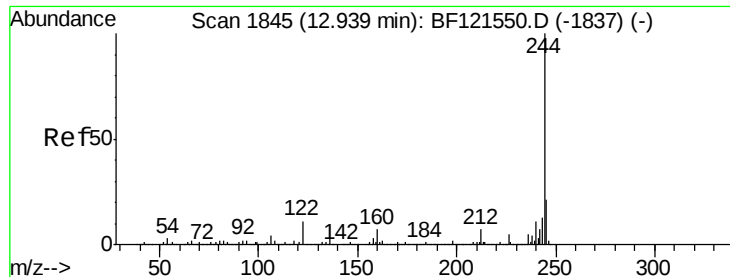
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#78
Pyrene
Concen: 9.892 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF121831.D
Acq: 5 Oct 2020 22:25

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.5	14.6	21.8





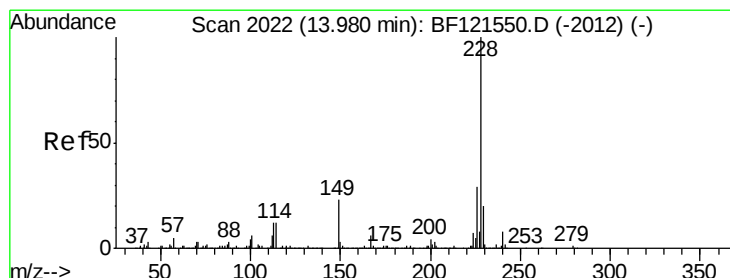
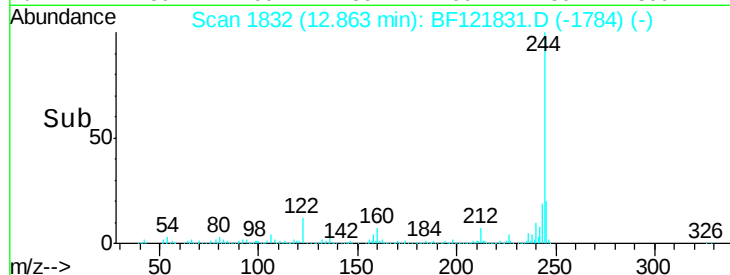
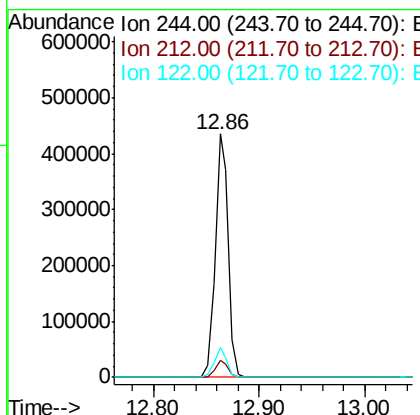
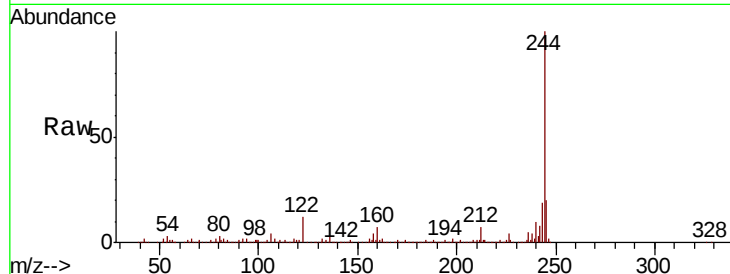
#79
 Terphenyl-d14
 Concen: 28.524 ng
 RT: 12.86 min Scan# 1832
 Delta R.T. -0.02 min
 Lab File: BF121831.D
 Acq: 5 Oct 2020 22:25

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-093020

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.2
122	12.5	8.1	12.1

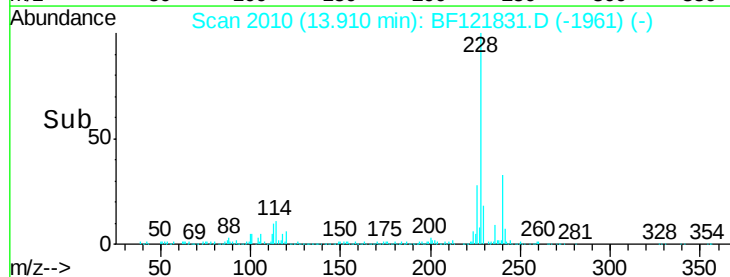
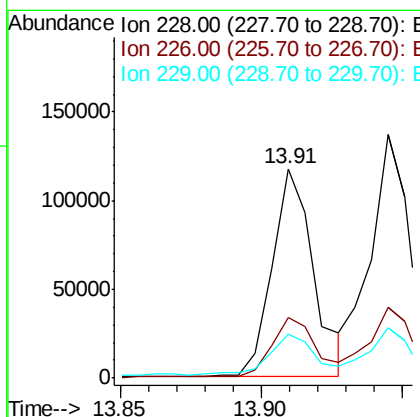
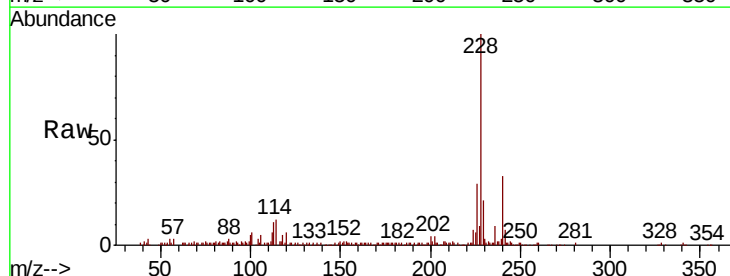
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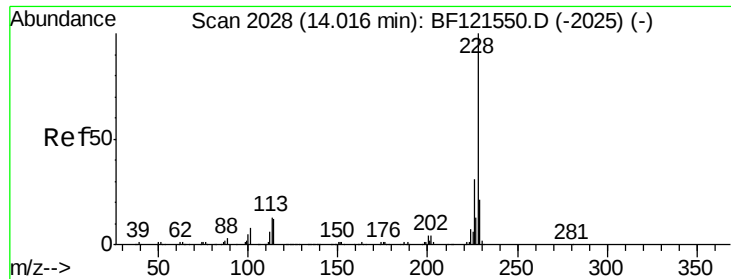
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#81
 Benzo(a)anthracene
 Concen: 6.970 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF121831.D
 Acq: 5 Oct 2020 22:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.3	33.5
229	20.8	16.2	24.4





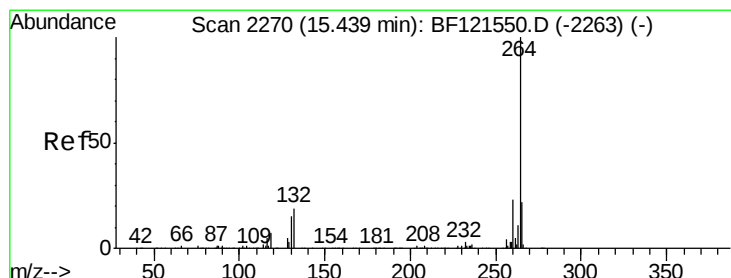
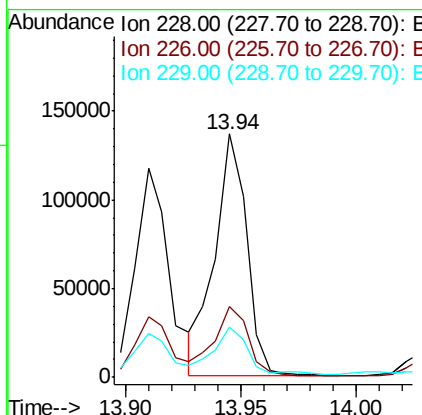
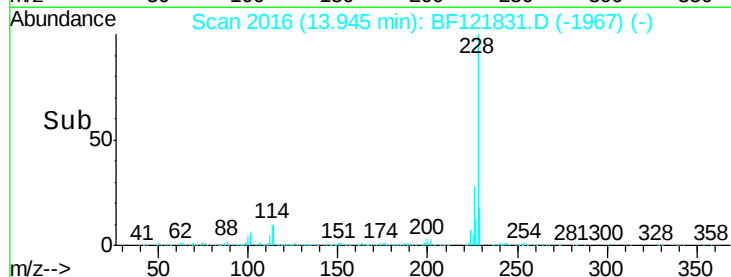
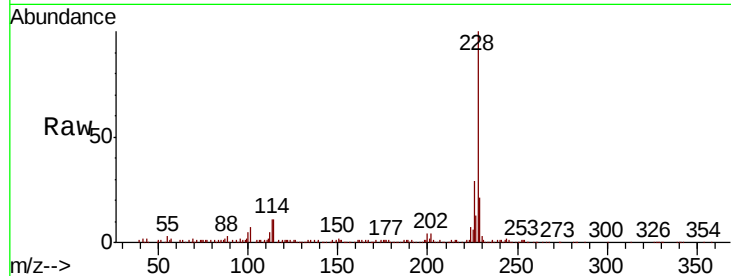
#83
Chrysene
Concen: 7.581 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF121831.D
Acq: 5 Oct 2020 22:25

Instrument :
BNA_F
ClientSampleId :
BU-03-093020

Tot Ion:	228	Resp:	131406
Ion Ratio	Lower	Upper	
228	100		
226	29.0	24.6	37.0
229	20.9	15.9	23.9

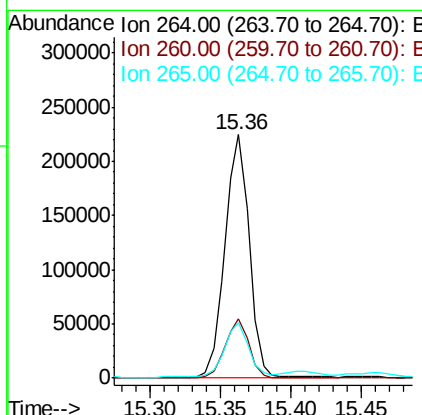
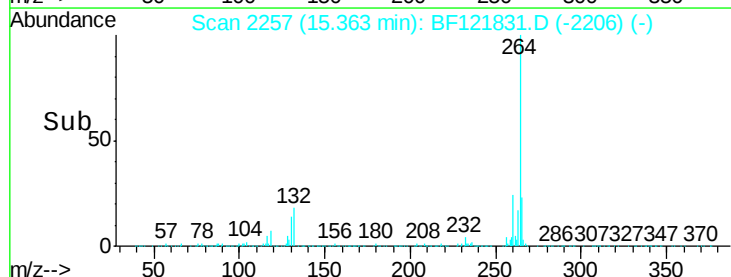
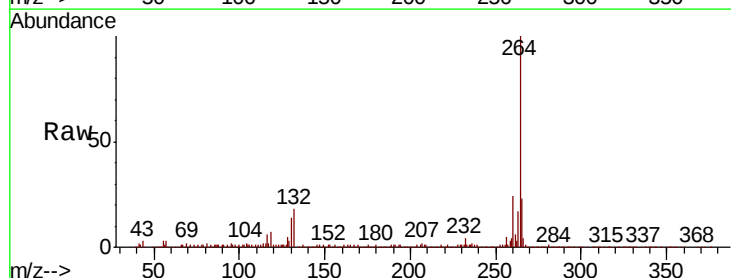
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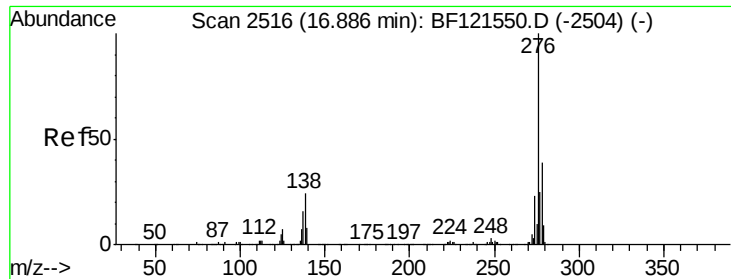
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF121831.D
Acq: 5 Oct 2020 22:25

Tgt Ion:	264	Resp:	267394
Ion Ratio	Lower	Upper	
264	100		
260	24.4	18.7	28.1
265	23.0	17.3	25.9





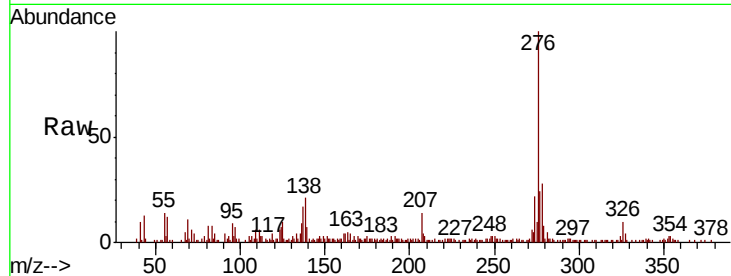
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.552 ng
 RT: 16.77 min Scan# 2497
 Delta R.T. -0.01 min
 Lab File: BF121831.D
 Acq: 5 Oct 2020 22:25

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-093020

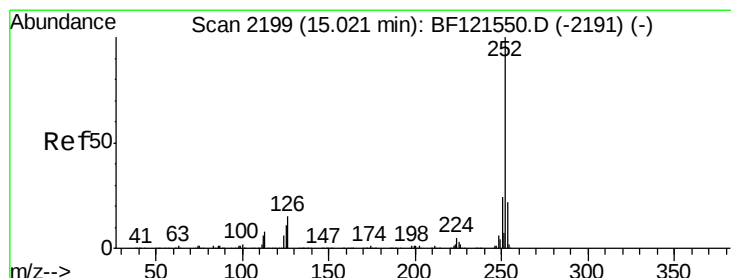
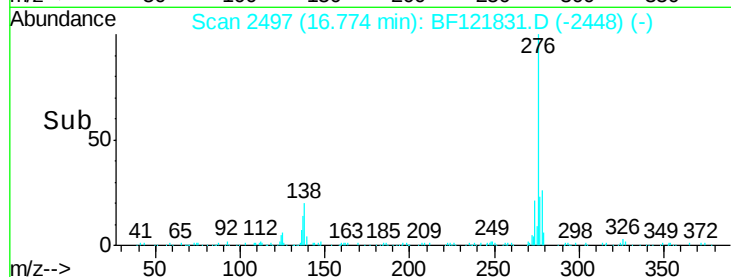
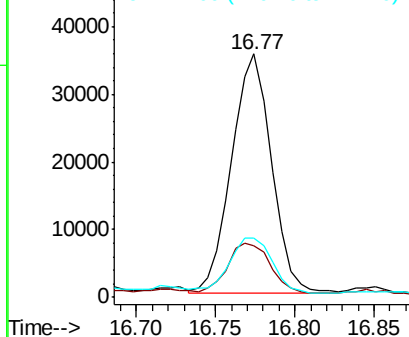
Tot Ion	Ratio	Lower	Upper
276	100		
138	22.6	19.9	29.9
277	25.2	20.4	30.6

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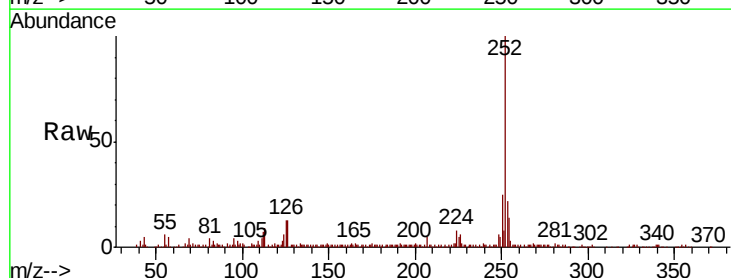


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

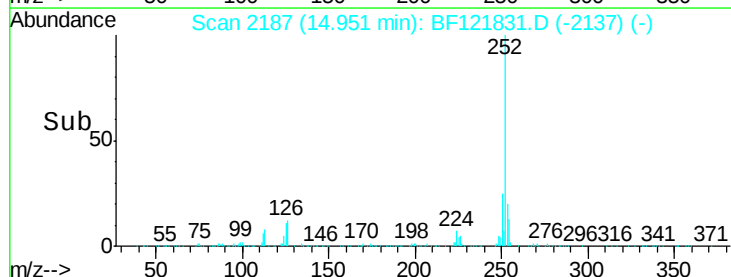
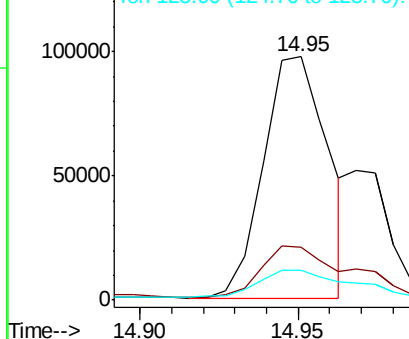


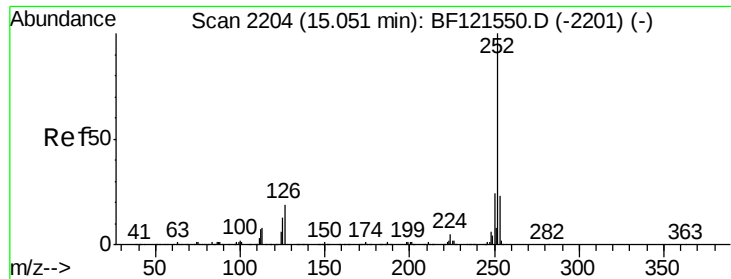
#88
 Benzo(b)fluoranthene
 Concen: 7.683 ng m
 RT: 14.95 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BF121831.D
 Acq: 5 Oct 2020 22:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.2
125	12.5	8.0	12.0#



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





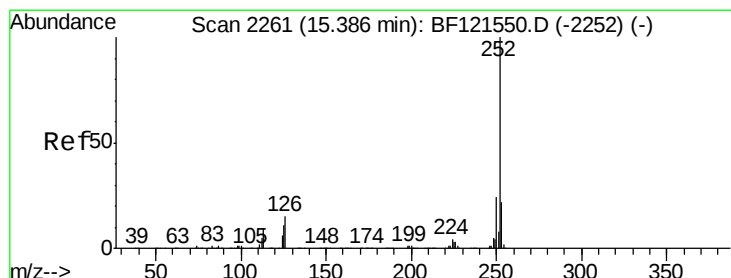
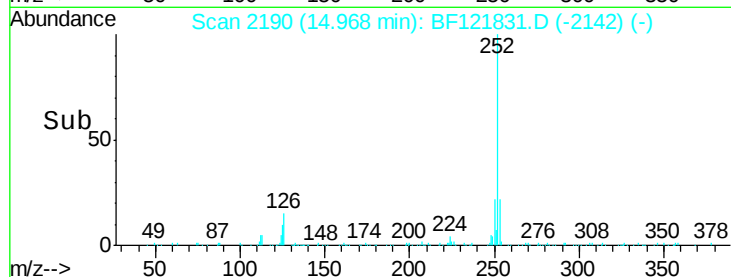
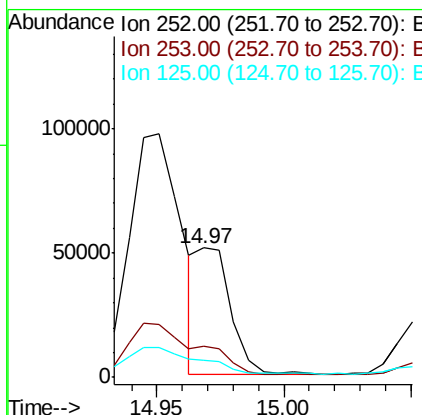
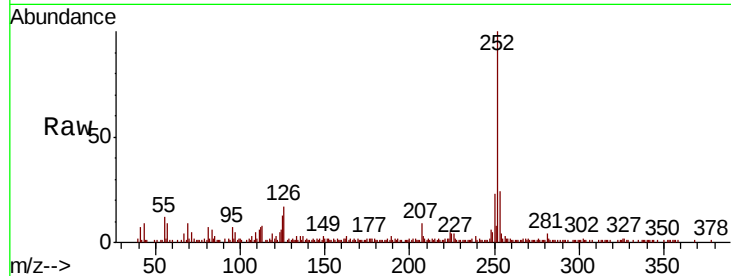
#89
Benzo(k)fluoranthene
Concen: 2.786 ng m
RT: 14.97 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BF121831.D
Acq: 5 Oct 2020 22:25

Instrument :
BNA_F
ClientSampleId :
BU-03-093020

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.8	26.6
125	13.4	7.7	11.5

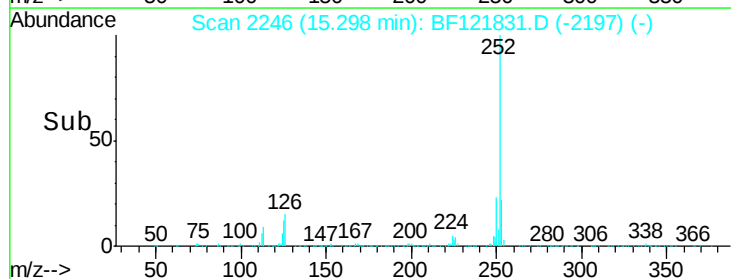
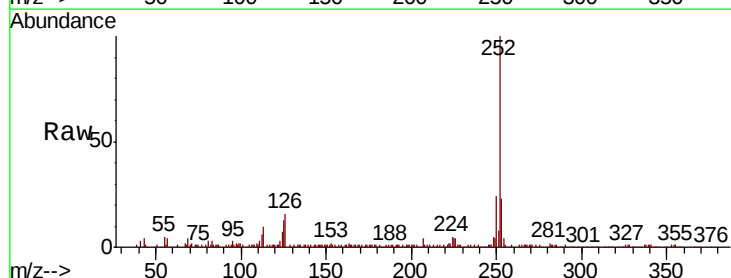
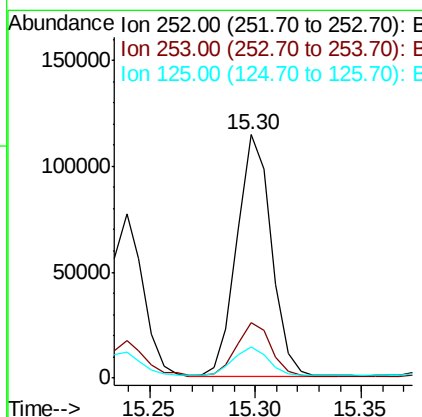
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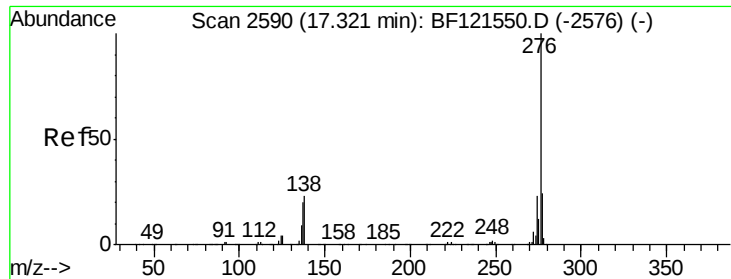
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#90
Benzo(a)pyrene
Concen: 8.544 ng
RT: 15.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BF121831.D
Acq: 5 Oct 2020 22:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.3	25.9
125	13.0	8.6	13.0





#92
 Benzo(a,h,i)perylene
 Concen: 4.422 ng
 RT: 17.20 min Scan# 2570
 Delta R.T. -0.01 min
 Lab File: BF121831.D
 Acq: 5 Oct 2020 22:25

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-093020

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.4	29.2
138	22.8	17.8	26.6

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