

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100620\
 Data File : BF121860.D
 Acq On : 6 Oct 2020 19:03
 Operator : JU/CG
 Sample : L4228-02 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PY-BIN-4

Manual Integrations
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Quant Time: Oct 07 00:48:37 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	121005	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	443073	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	192592	20.00	ng	-0.01
64) Phenanthrene-d10	11.28	188	296699	20.00	ng	-0.01
76) Chrysene-d12	13.92	240	284395	20.00	ng	-0.01
86) Perylene-d12	15.36	264	244251	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	126957	15.59	ng	0.00
7) Phenol-d6	6.40	99	168505	15.77	ng	-0.01
23) Nitrobenzene-d5	7.32	82	107511	13.03	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	27651	11.55	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	193020	15.18	ng	-0.01
79) Terphenyl-d14	12.86	244	144501	10.29	ng	-0.02
Target Compounds						Qvalue
50) Dimethylphthalate	9.52	163	28343	2.030	ng	99
71) Phenanthrene	11.30	178	169219	10.468	ng	98
72) Anthracene	11.36	178	64116	3.843	ng	97
75) Fluoranthene	12.49	202	295066	17.099	ng	99
78) Pyrene	12.72	202	306924	14.771	ng	100
81) Benzo(a)anthracene	13.91	228	160324	8.911	ng	99
83) Chrysene	13.94	228	145341	7.977	ng	98
87) Indeno(1,2,3-cd)pyrene	16.78	276	65880	4.142	ng	97
88) Benzo(b)fluoranthene	14.95	252	179953m	11.021	ng	
89) Benzo(k)fluoranthene	14.97	252	41765m	2.793	ng	
90) Benzo(a)pyrene	15.30	252	128105	9.230	ng	# 94
92) Benzo(a,h,i)perylene	17.21	276	69104	5.309	ng	99

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

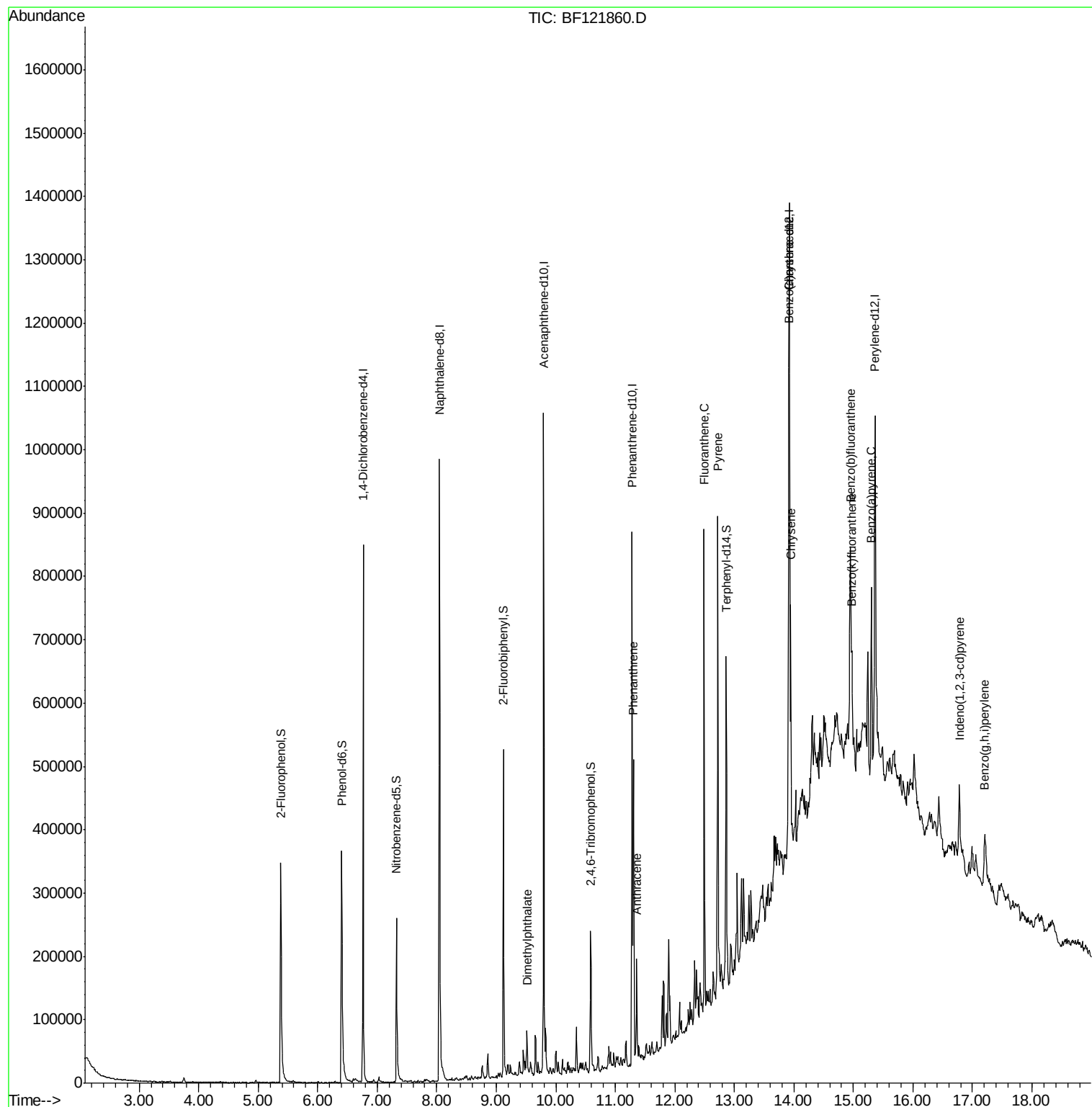
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100620\
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ALS Vial : 21 Sample Multiplier: 1

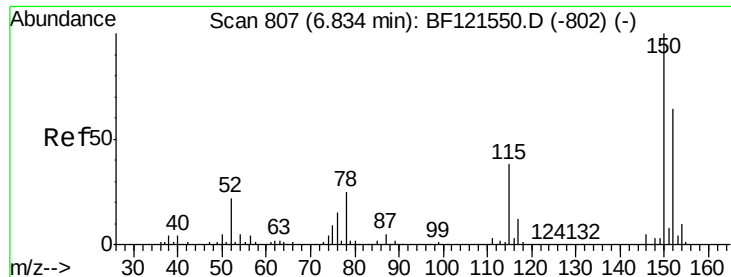
Instrument :
BNA_F
ClientSampled :
PY-BIN-4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

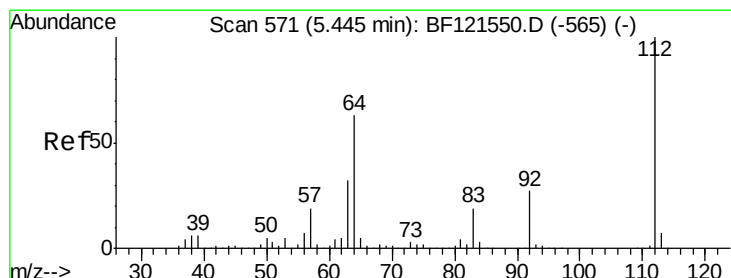
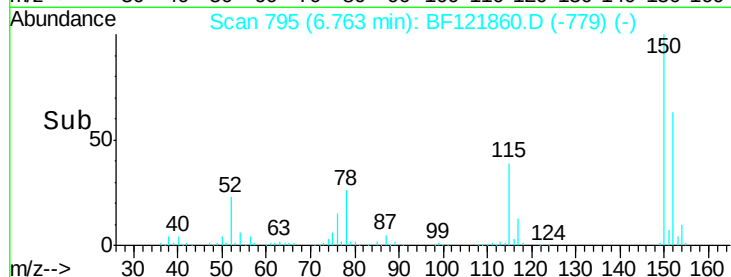
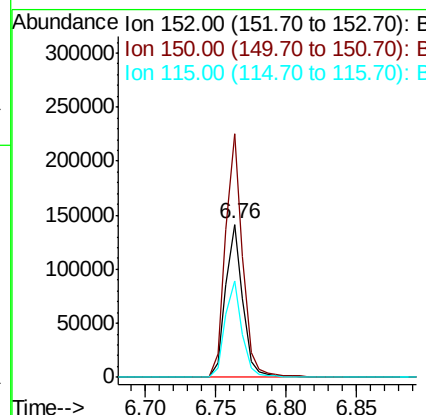
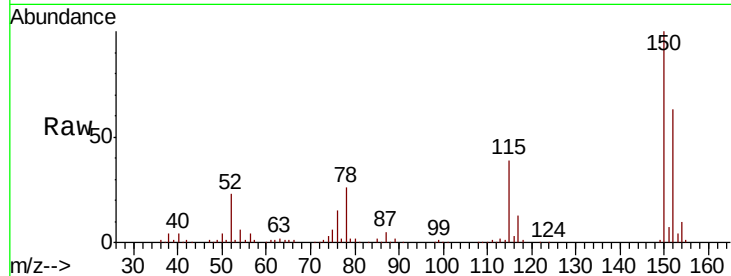
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121860.D
Acq: 6 Oct 2020 19:03

Instrument :
BNA_F
ClientSampleId :
PY-BIN-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	125.3	187.9
115	62.8	51.9	77.9

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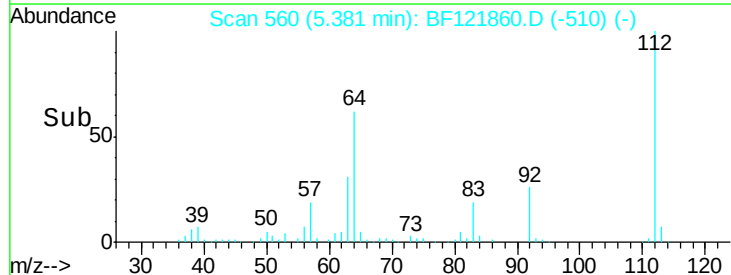
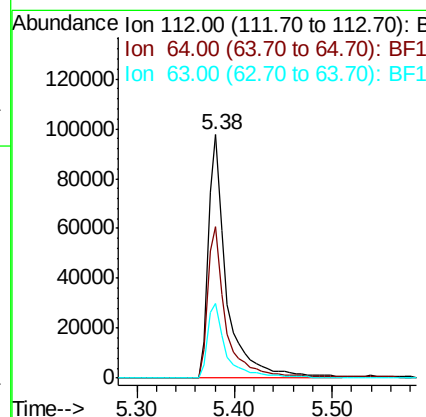
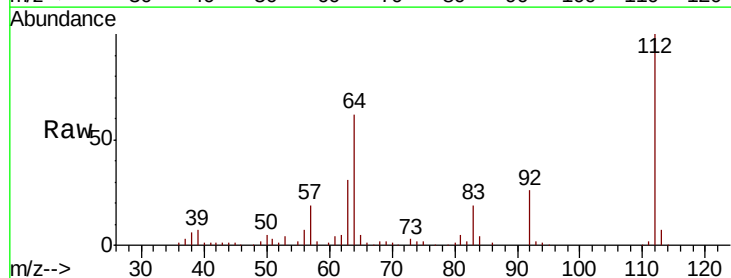
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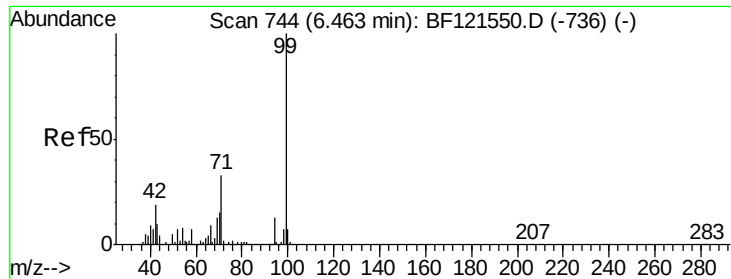


#5

2-Fluorophenol
Concen: 15.592 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF121860.D
Acq: 6 Oct 2020 19:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.3	50.4	75.6
63	30.7	25.8	38.6





#7

Phenol-d6

Concen: 15.774 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF121860.D

Acq: 6 Oct 2020 19:03

Instrument :

BNA_F

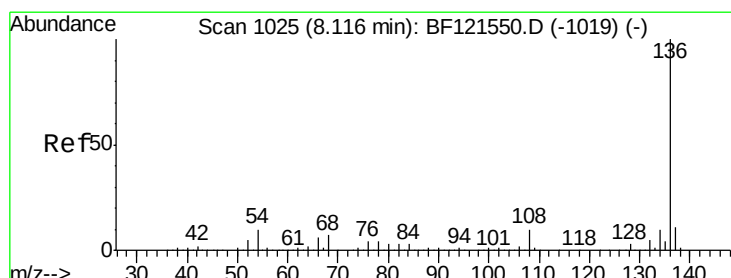
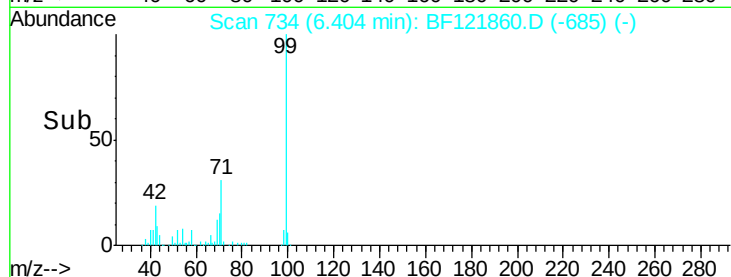
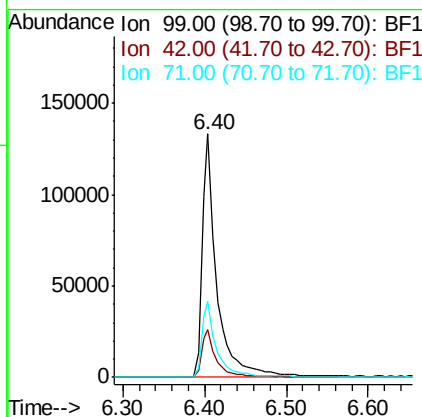
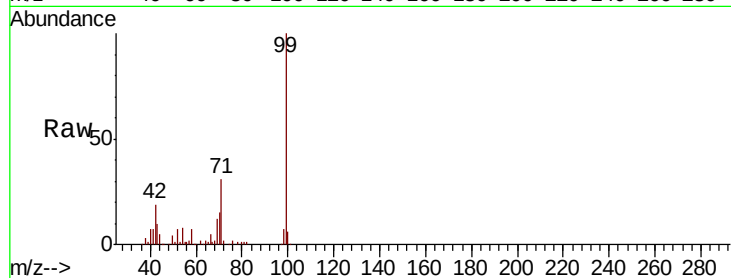
ClientSampleId :

PY-BIN-4

Tot Ion:	99	Resp:	168505
Ion Ratio	Lower	Upper	
99	100		
42	19.4	15.9	23.9
71	31.0	27.1	40.7

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#21

Naphthalene-d8

Concen: 20.000 ng

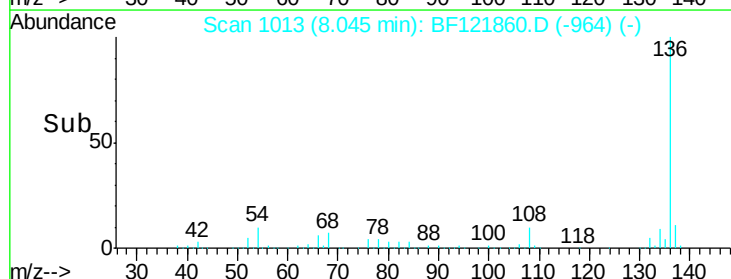
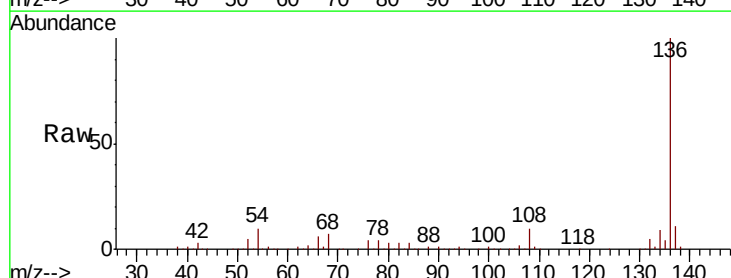
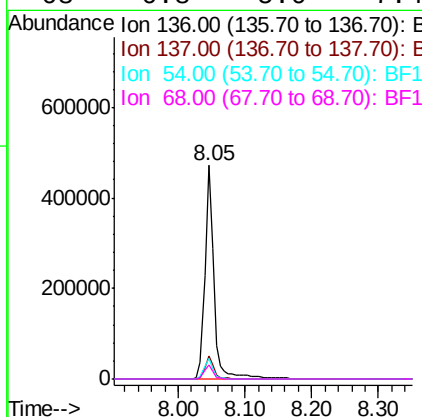
RT: 8.05 min Scan# 1013

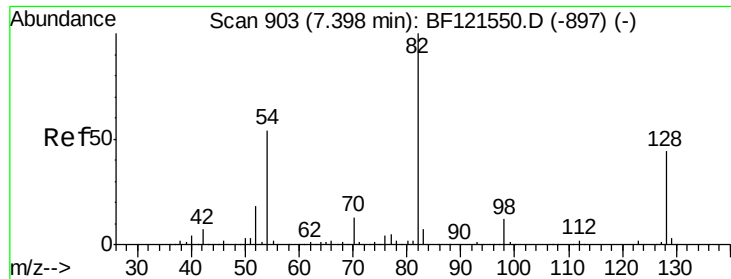
Delta R.T. -0.01 min

Lab File: BF121860.D

Acq: 6 Oct 2020 19:03

Tgt Ion:	136	Resp:	443073
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	13.0
54	9.7	7.1	10.7
68	6.8	5.0	7.4





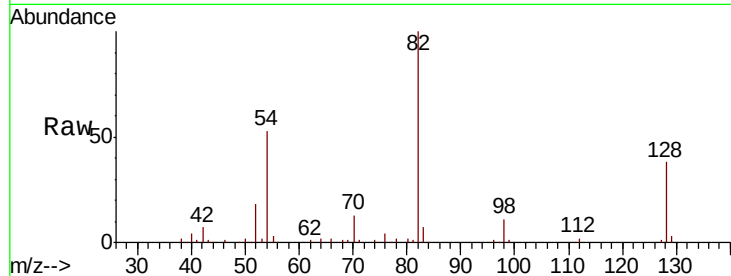
#23
Nitrobenzene-d5
Concen: 13.028 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.02 min
Lab File: BF121860.D
Acq: 6 Oct 2020 19:03

Instrument :
BNA_F
ClientSampled :
PY-BIN-4

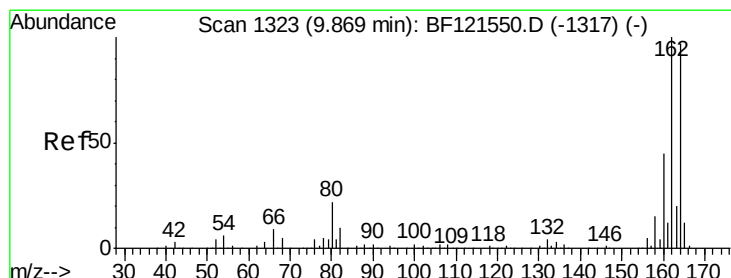
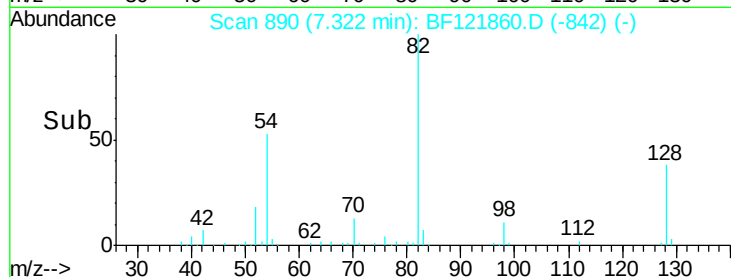
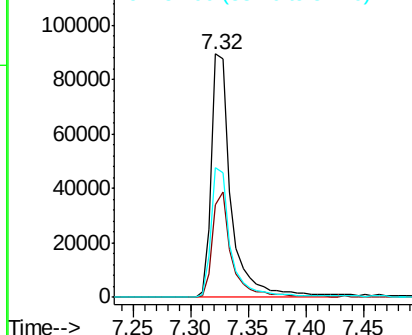
Tot Ion	82	Resp	107511
Ion Ratio	100	Lower	Upper
82	100		
128	38.0	35.0	52.4
54	53.4	43.9	65.9

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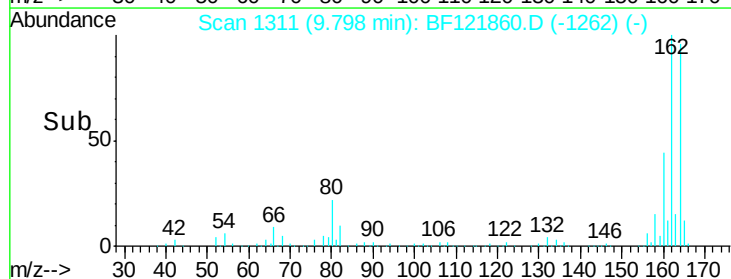
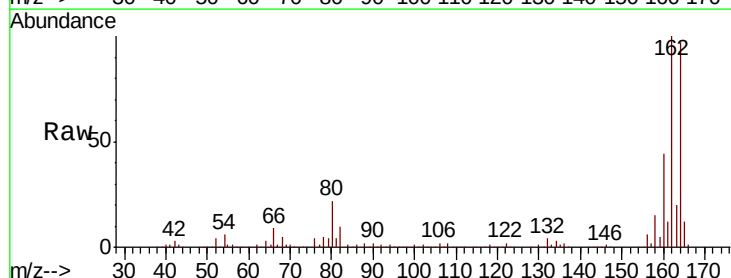
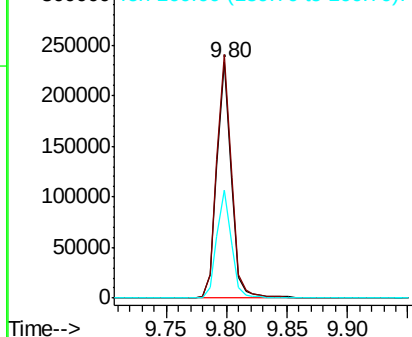
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

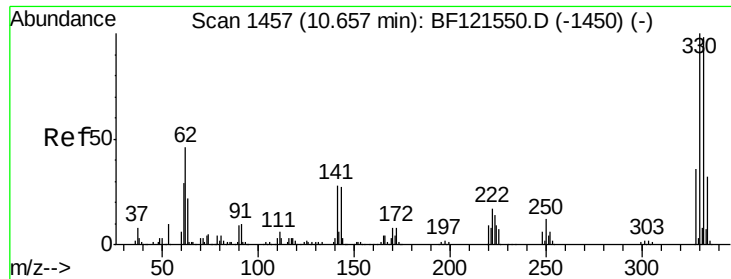


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF121860.D
Acq: 6 Oct 2020 19:03

Tgt Ion	164	Resp	192592
Ion Ratio	100	Lower	Upper
164	100		
162	103.2	83.2	124.8
160	45.6	37.5	56.3

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





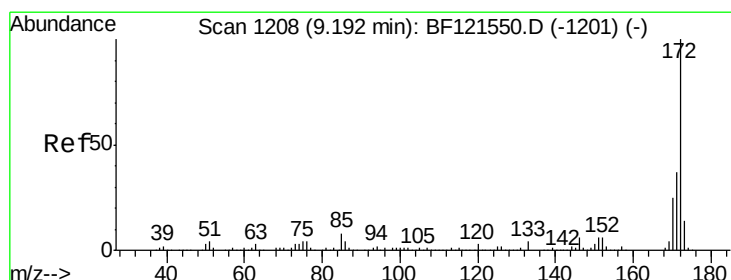
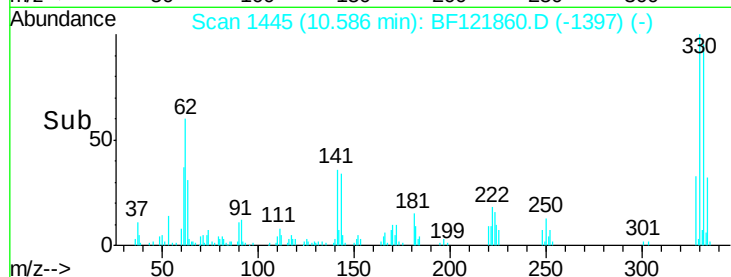
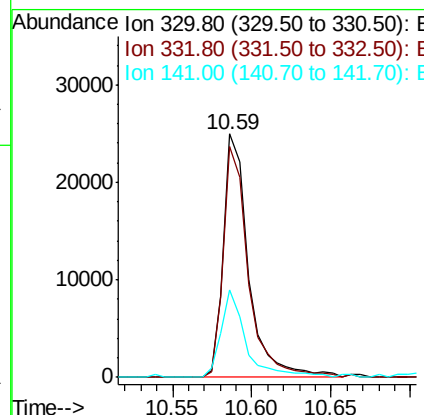
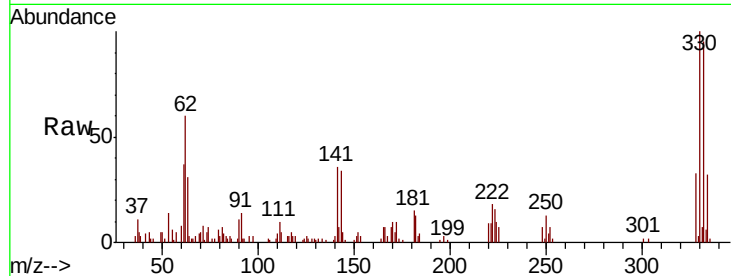
#42
 2,4,6-Tribromophenol
 Concen: 11.552 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.02 min
 Lab File: BF121860.D
 Acq: 6 Oct 2020 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PY-BIN-4

Tot Ion	Ratio	Resp	Lower	Upper
330	100	27651		
332	95.1		77.3	115.9
141	35.6		22.3	33.5#

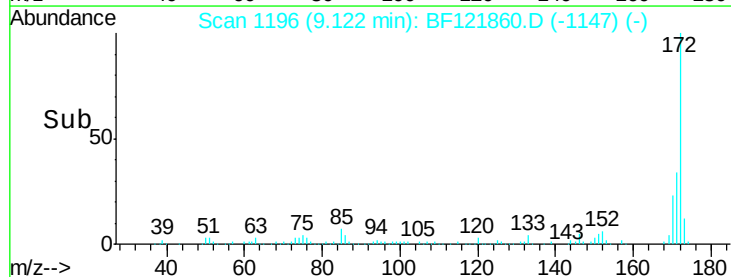
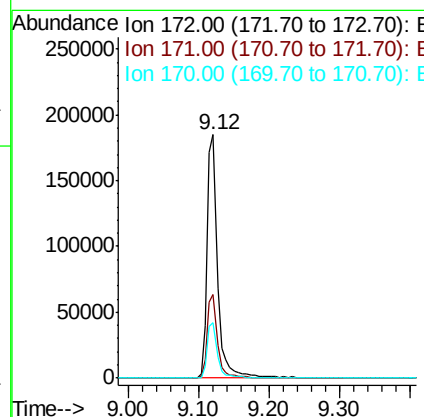
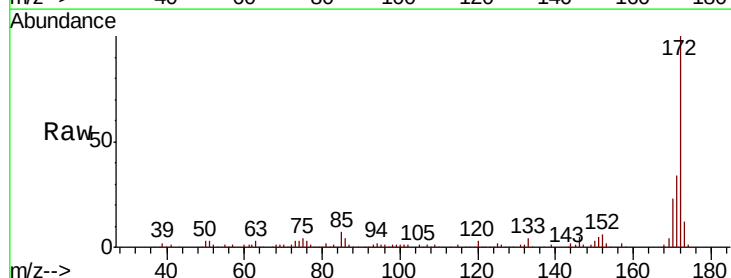
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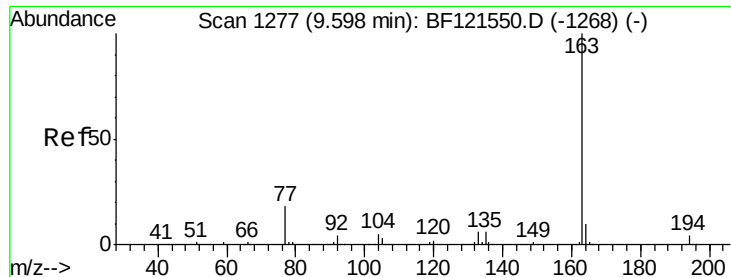
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#45
 2-Fluorobiphenyl
 Concen: 15.179 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF121860.D
 Acq: 6 Oct 2020 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	193020		
171	34.3		29.1	43.7
170	22.6		19.8	29.6





#50

Dimethylphthalate

Concen: 2.030 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BF121860.D

Acq: 6 Oct 2020 19:03

Instrument :

BNA_F

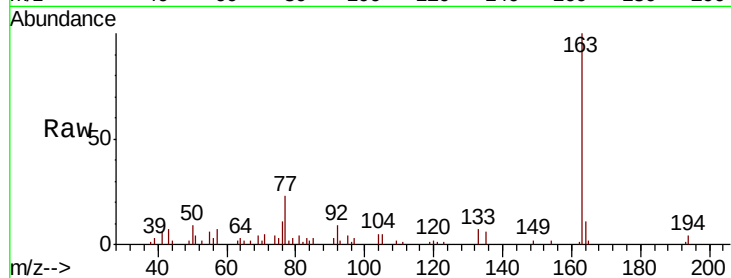
ClientSampleId :

PY-BIN-4

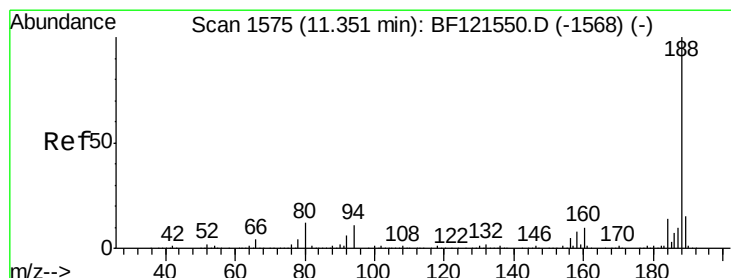
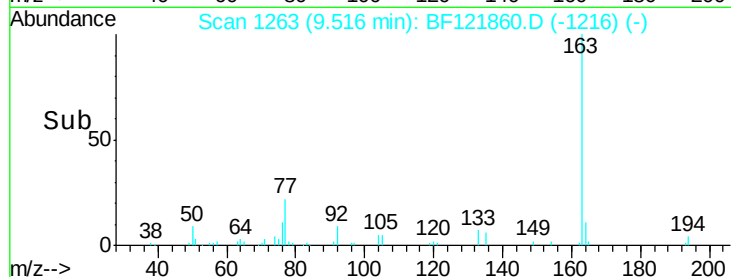
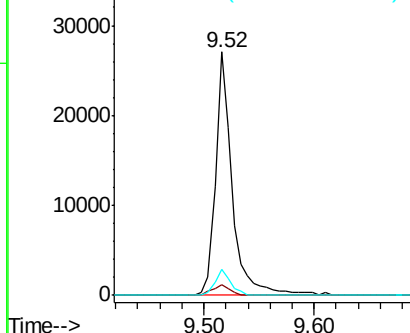
Tot Ion:	163	Resp:	28343
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.3	4.9
164	10.9	8.2	12.4

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



#64

Phenanthrene-d10

Concen: 20.000 ng

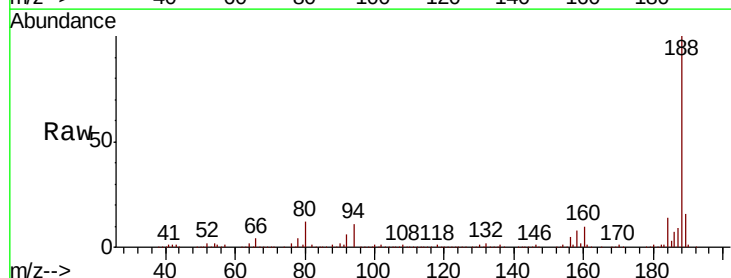
RT: 11.28 min Scan# 1563

Delta R.T. -0.01 min

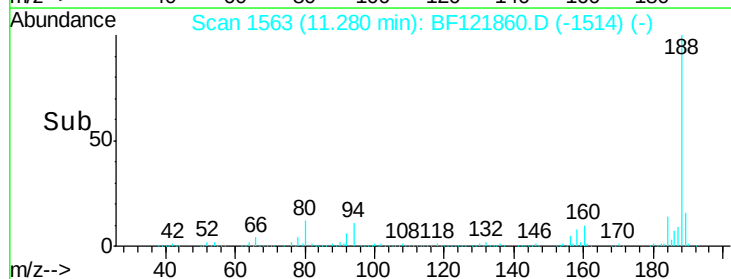
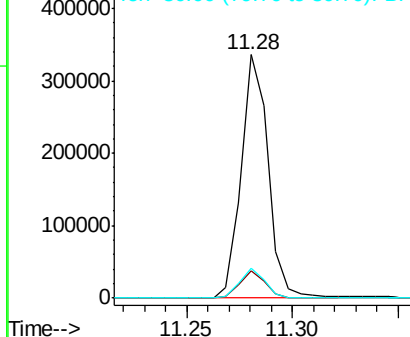
Lab File: BF121860.D

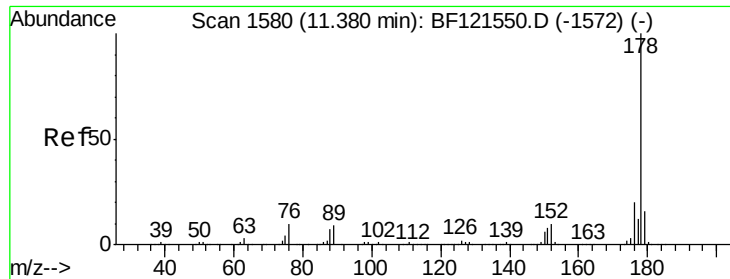
Acq: 6 Oct 2020 19:03

Tgt Ion:	188	Resp:	296699
Ion Ratio	Lower	Upper	
188	100		
94	11.2	8.3	12.5
80	12.2	9.1	13.7



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





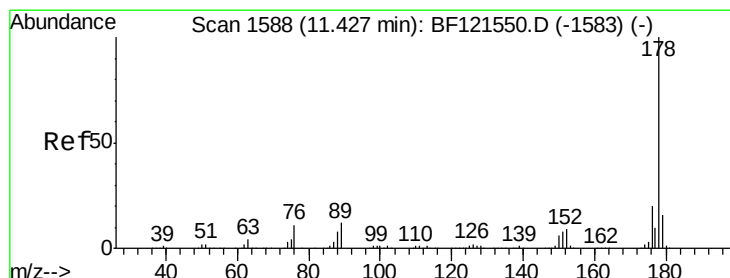
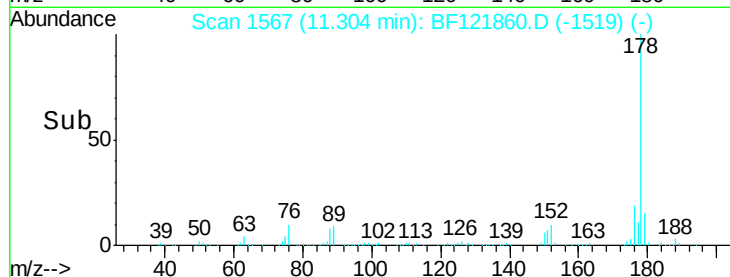
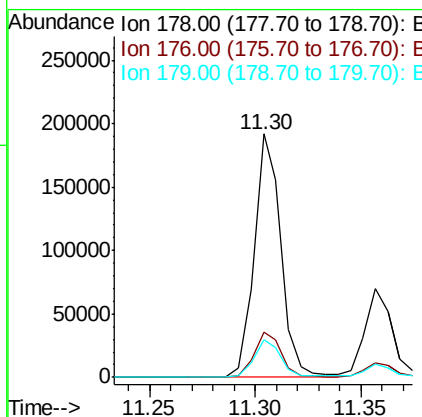
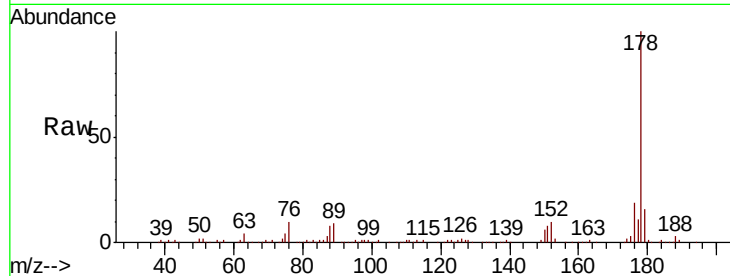
#71
Phenanthrene
Concen: 10.468 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.02 min
Lab File: BF121860.D
Acq: 6 Oct 2020 19:03

Instrument :
BNA_F
ClientSampleId :
PY-BIN-4

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.9	23.9
179	15.6	12.2	18.4

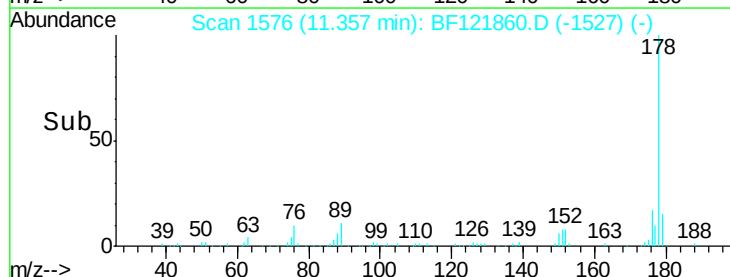
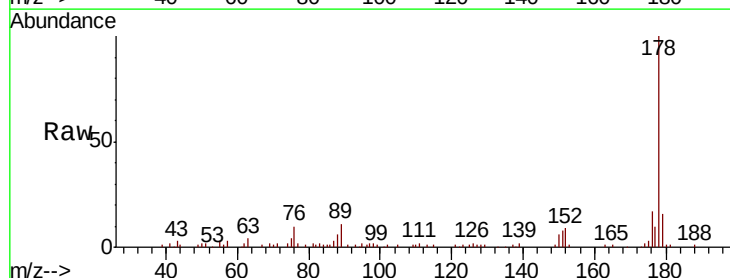
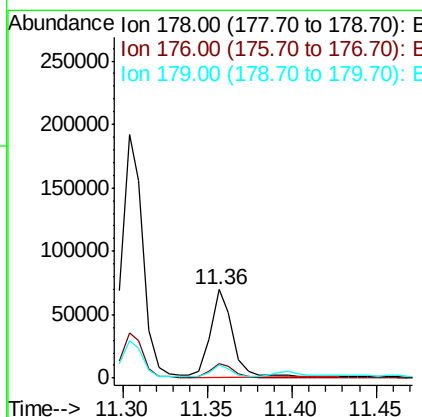
Manual Integrations
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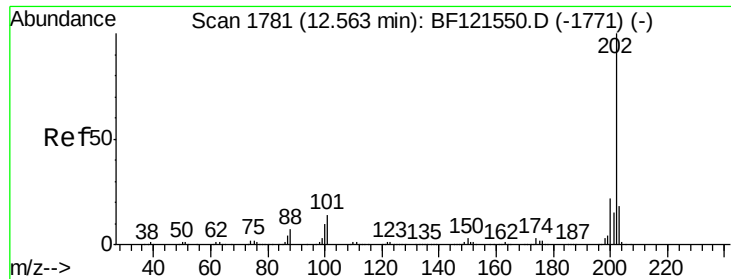
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#72
Anthracene
Concen: 3.843 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF121860.D
Acq: 6 Oct 2020 19:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.2	15.7	23.5
179	15.5	12.7	19.1





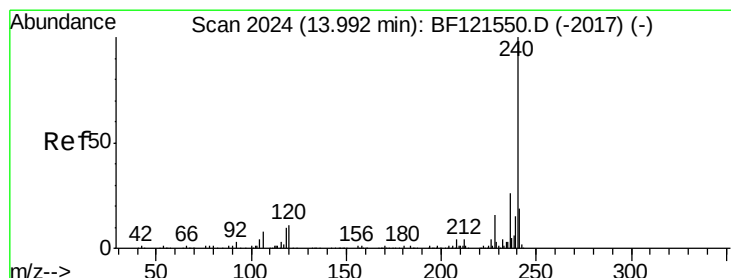
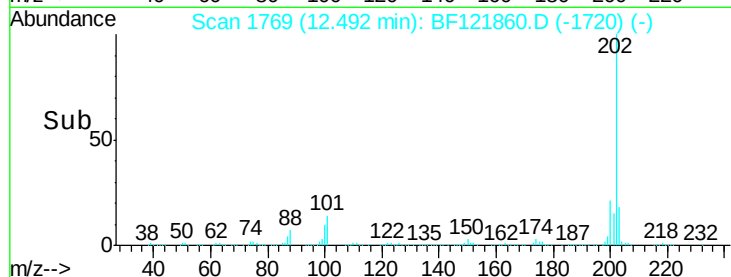
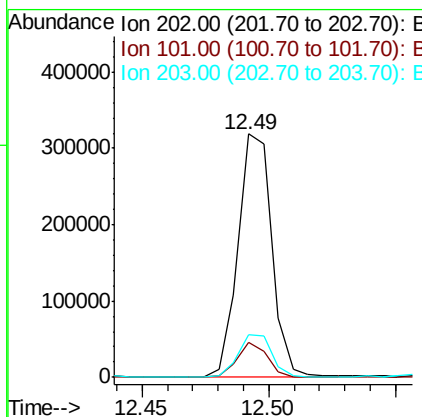
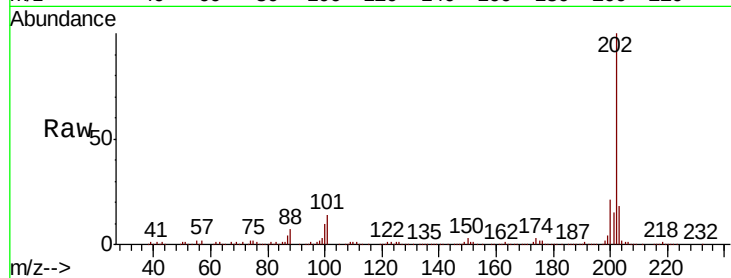
#75
Fluoranthene
Concen: 17.099 ng
RT: 12.49 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BF121860.D
Acq: 6 Oct 2020 19:03

Instrument :
BNA_F
ClientSampleId :
PY-BIN-4

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.3	0.0	33.4
203	17.8	0.0	37.9

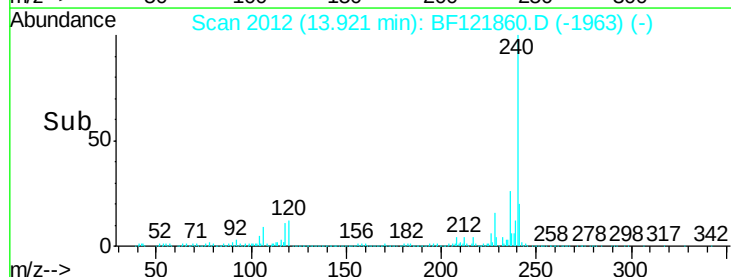
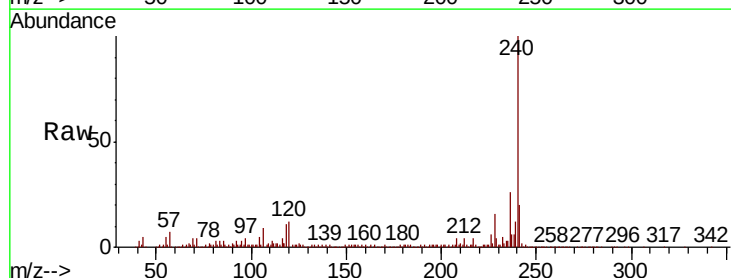
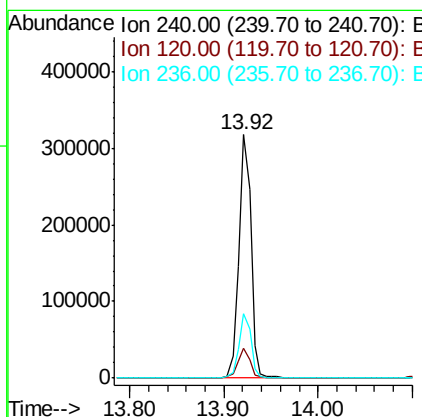
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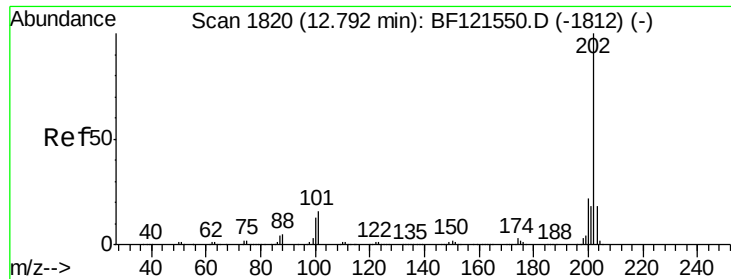
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF121860.D
Acq: 6 Oct 2020 19:03

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.1	9.2	13.8
236	26.2	20.9	31.3





#78

Pvrene

Concen: 14.771 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF121860.D

Acq: 6 Oct 2020 19:03

Instrument :

BNA_F

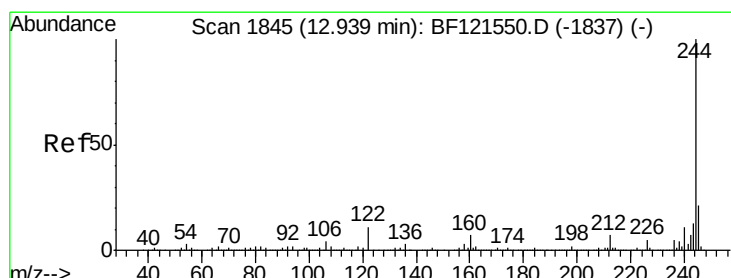
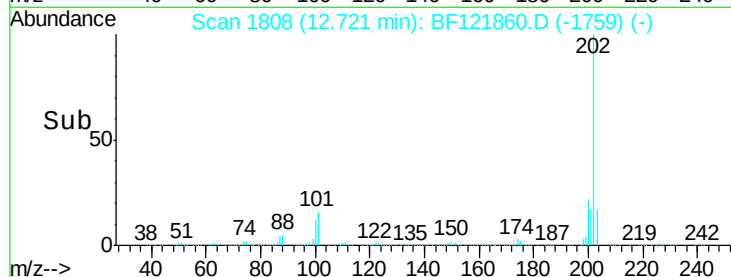
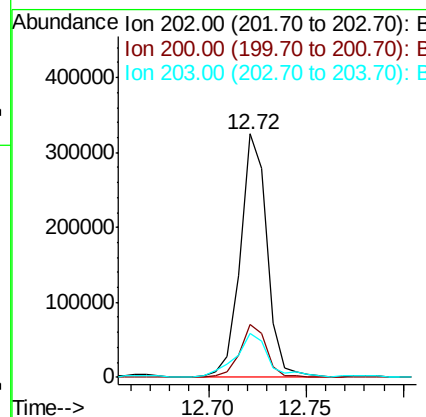
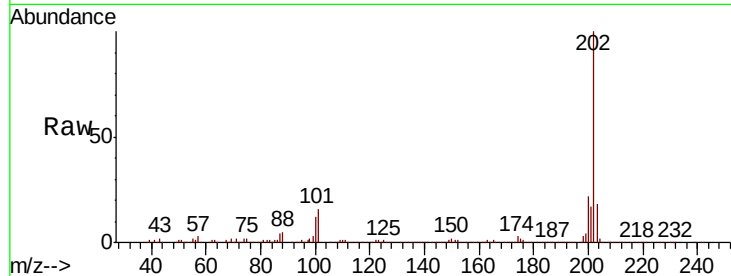
ClientSampleId :

PY-BIN-4

Tot Ion:	202	Resp:	306924
Ion Ratio		Lower	Upper
202	100		
200	21.5	17.4	26.2
203	18.1	14.6	21.8

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#79

Terphenyl-d14

Concen: 10.294 ng

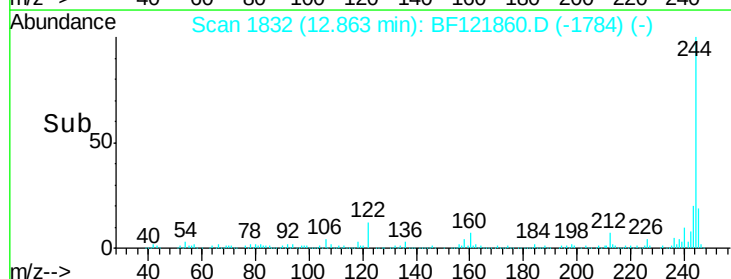
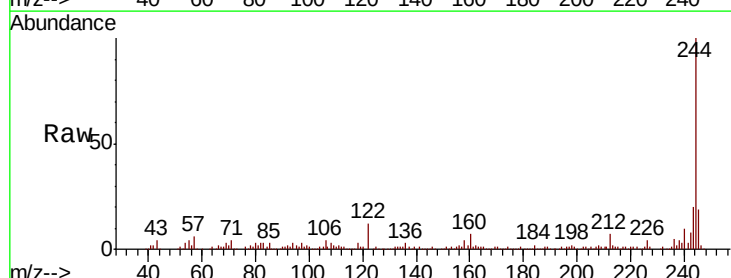
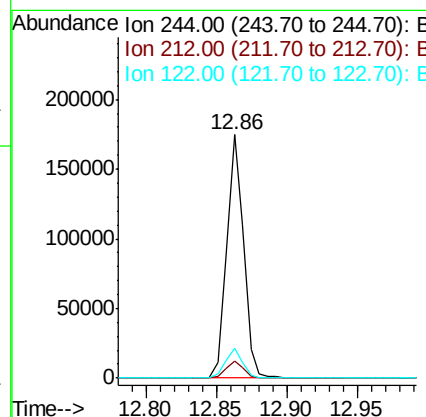
RT: 12.86 min Scan# 1832

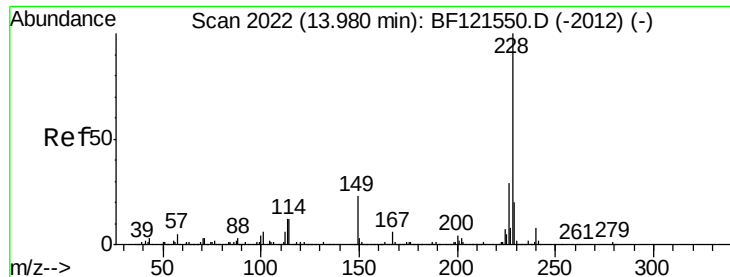
Delta R.T. -0.02 min

Lab File: BF121860.D

Acq: 6 Oct 2020 19:03

Tgt Ion:	244	Resp:	144501
Ion Ratio		Lower	Upper
244	100		
212	6.9	5.4	8.2
122	12.3	8.1	12.1#





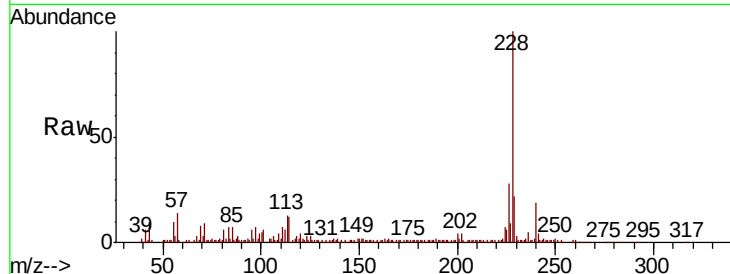
#81
Benzo(a)anthracene
Concen: 8.911 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF121860.D
Acq: 6 Oct 2020 19:03

Instrument :
BNA_F
ClientSampled :
PY-BIN-4

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.3	33.5
229	21.6	16.2	24.4

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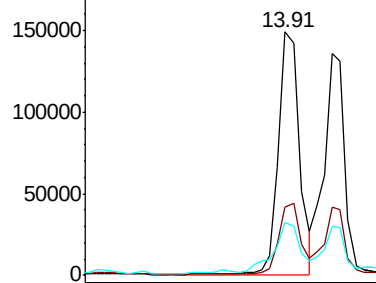


Abundance

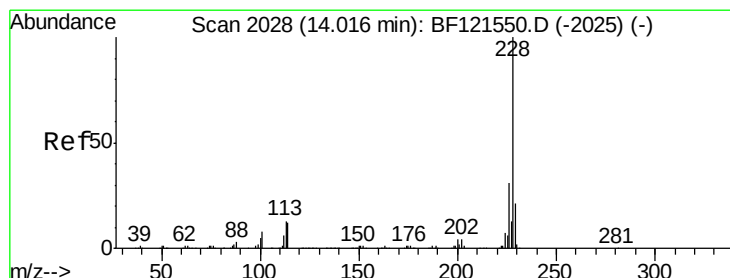
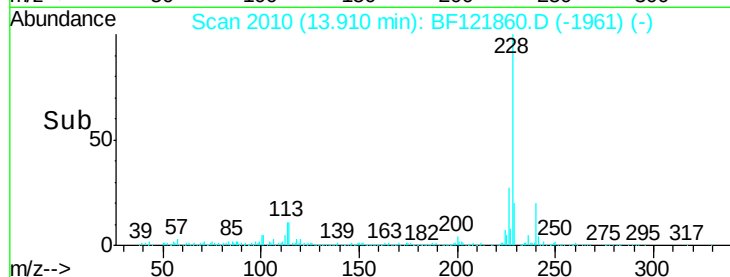
Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#83
Chrysene
Concen: 7.977 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF121860.D
Acq: 6 Oct 2020 19:03

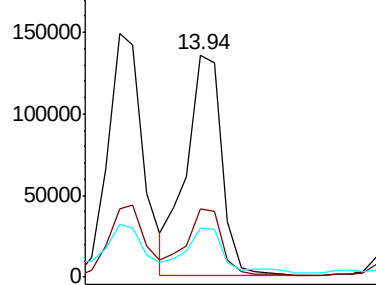
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.6	37.0
229	22.2	15.9	23.9

Abundance

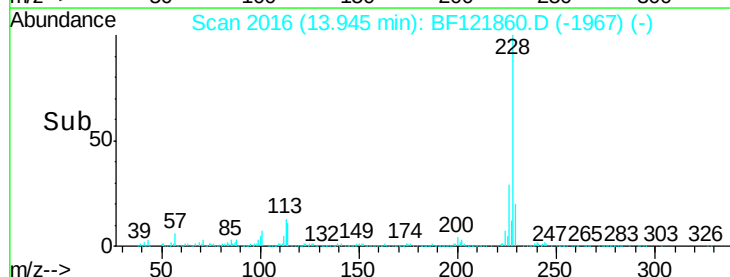
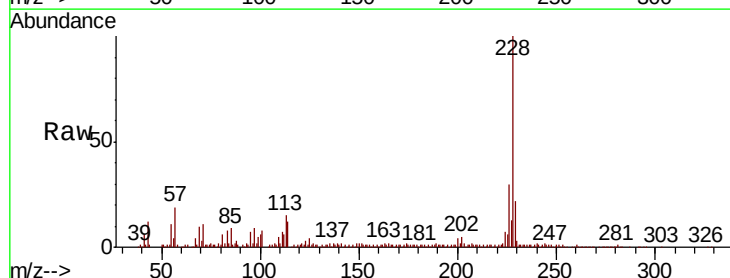
Ion 228.00 (227.70 to 228.70): E

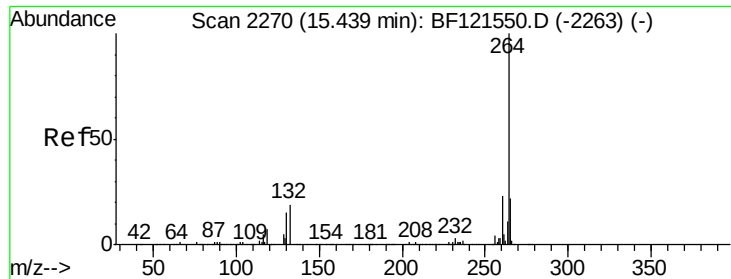
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->





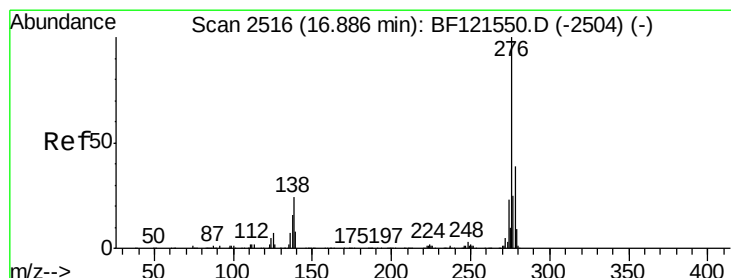
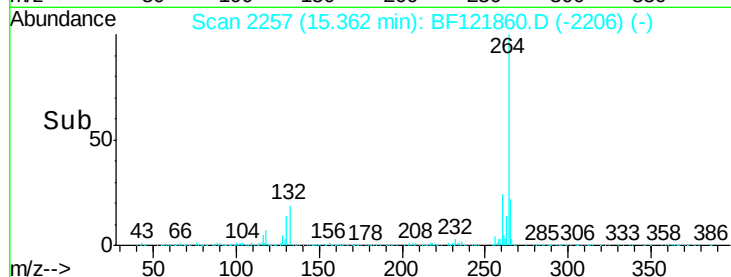
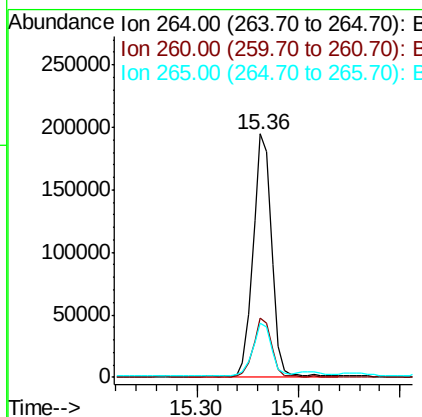
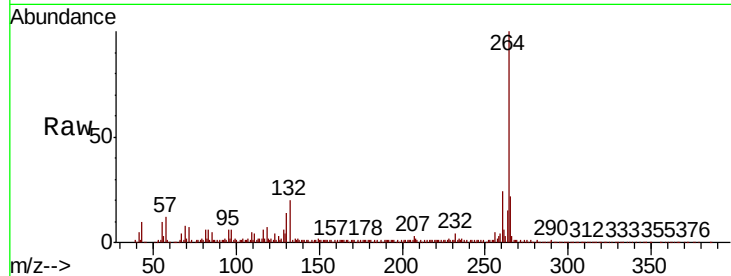
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF121860.D
Acq: 6 Oct 2020 19:03

Instrument :
BNA_F
ClientSampleId :
PY-BIN-4

Tot Ion:	264	Resp:	244251
Ion Ratio	Lower	Upper	
264	100		
260	24.2	18.7	28.1
265	22.4	17.3	25.9

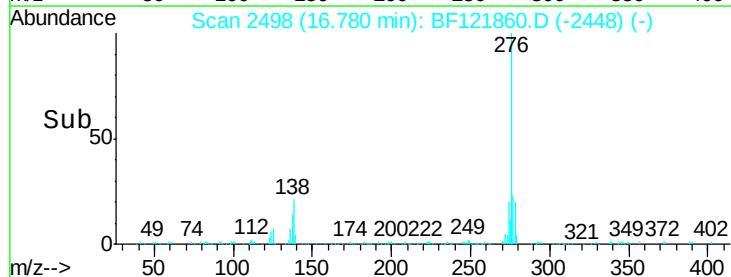
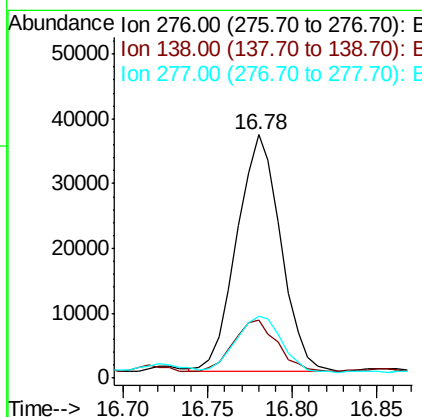
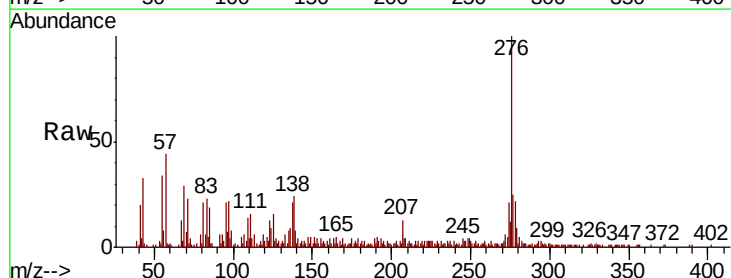
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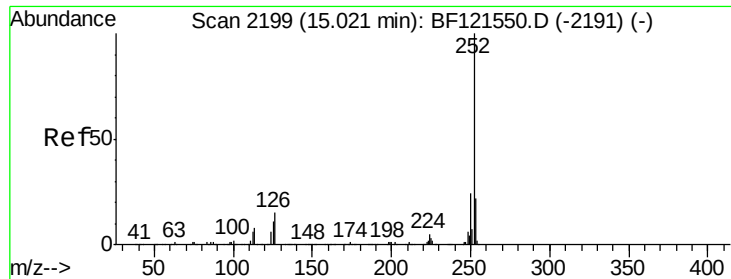
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#87
Indeno(1,2,3-cd)pyrene
Concen: 4.142 ng
RT: 16.78 min Scan# 2498
Delta R.T. -0.01 min
Lab File: BF121860.D
Acq: 6 Oct 2020 19:03

Tgt Ion:	276	Resp:	65880
Ion Ratio	Lower	Upper	
276	100		
138	22.3	19.9	29.9
277	24.9	20.4	30.6





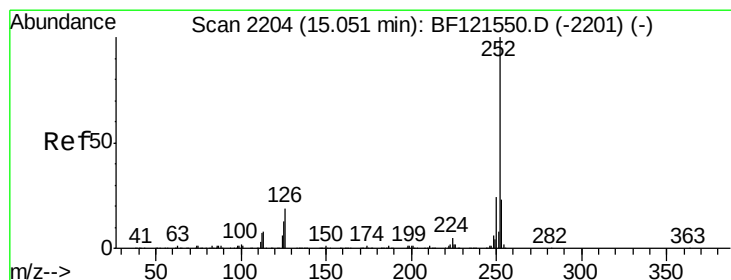
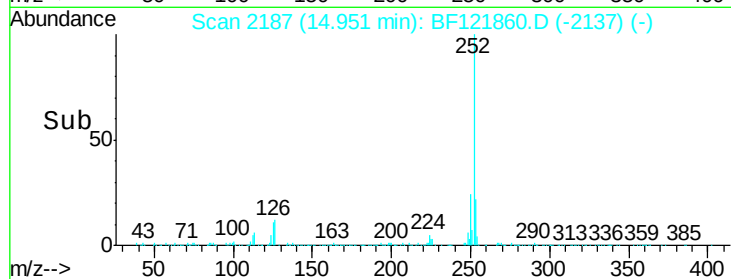
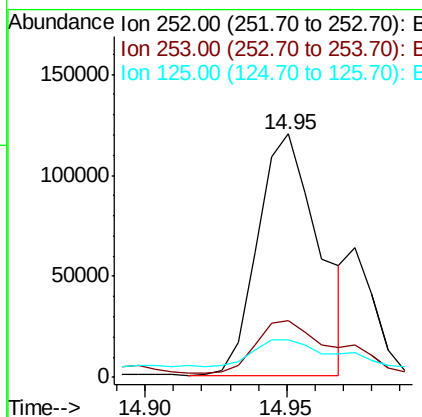
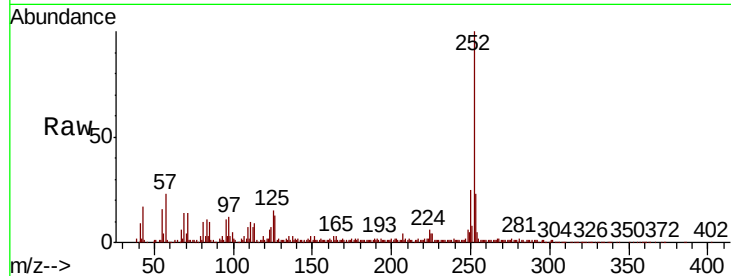
#88
Benzo(b)fluoranthene
Concen: 11.021 ng m
RT: 14.95 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BF121860.D
Acq: 6 Oct 2020 19:03

Instrument :
BNA_F
ClientSampleId :
PY-BIN-4

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.2
125	15.3	8.0	12.0

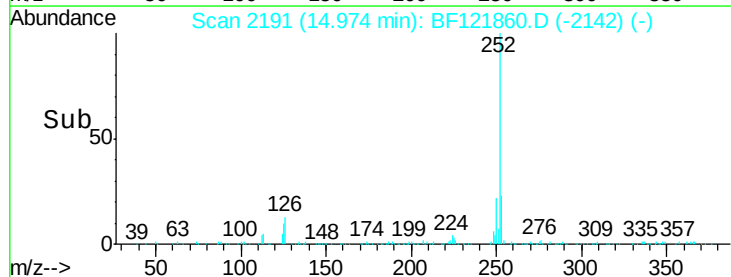
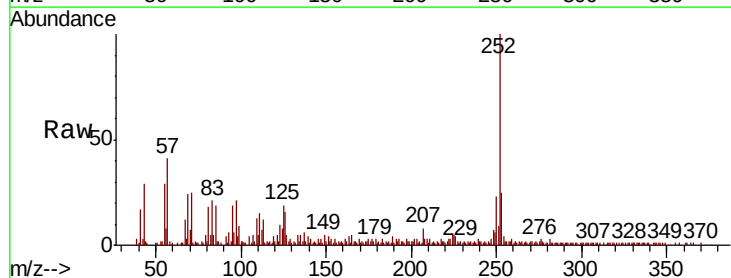
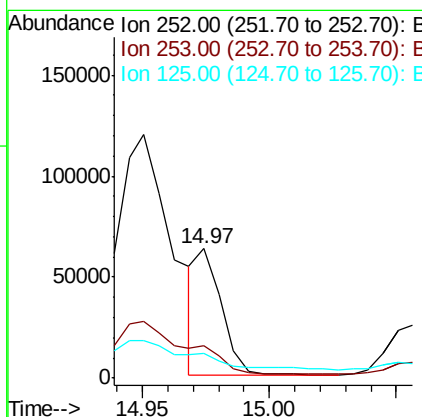
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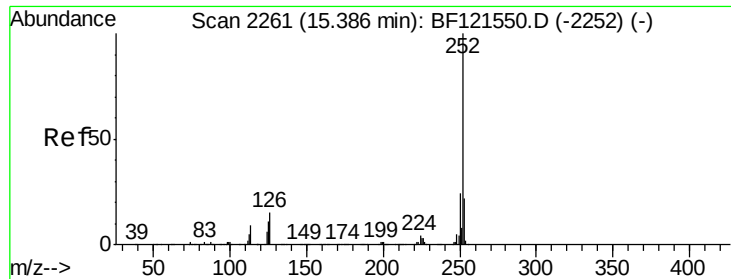
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#89
Benzo(k)fluoranthene
Concen: 2.793 ng m
RT: 14.97 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF121860.D
Acq: 6 Oct 2020 19:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.8	26.6
125	19.1	7.7	11.5





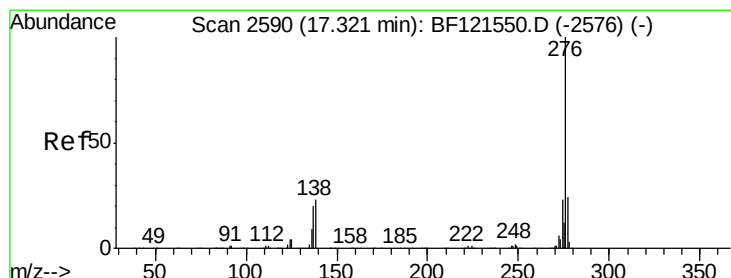
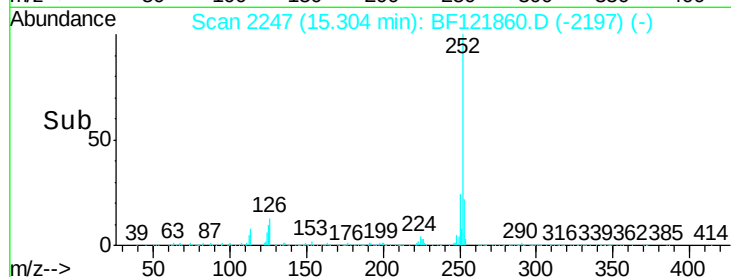
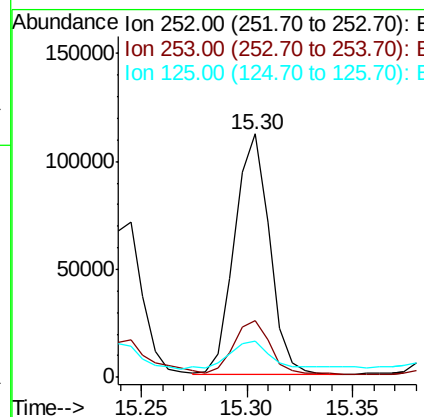
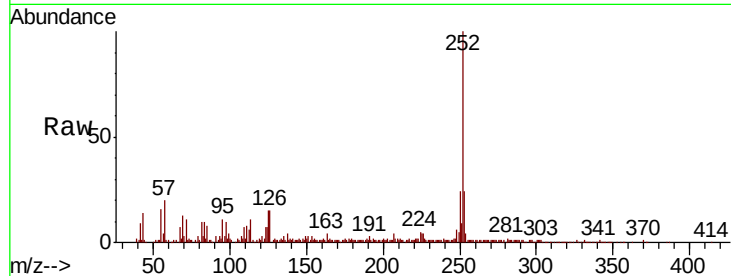
#90
Benzo(a)pyrene
Concen: 9.230 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BF121860.D
Acq: 6 Oct 2020 19:03

Instrument :
BNA_F
ClientSampleId :
PY-BIN-4

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.5	17.3	25.9
125	14.7	8.6	13.0

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#92
Benzo(g,h,i)perylene
Concen: 5.309 ng
RT: 17.21 min Scan# 2571
Delta R.T. 0.00 min
Lab File: BF121860.D
Acq: 6 Oct 2020 19:03

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	24.5	19.4	29.2
138	22.5	17.8	26.6

