

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100120\
 Data File : BF121778.D
 Acq On : 1 Oct 2020 20:49
 Operator : JU/CG
 Sample : L4193-03 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
ClientSampleId :
 B-12(13-14)

Manual Integrations
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Quant Time: Oct 02 00:55:40 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	6.77	152	134042	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	488004	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	219673	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	352140	20.00	ng	0.00
76) Chrysene-d12	13.94	240	319054	20.00	ng	0.00
86) Perylene-d12	15.38	264	283922	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	364209	40.38	ng	0.00
7) Phenol-d6	6.41	99	443889	37.51	ng	0.00
23) Nitrobenzene-d5	7.33	82	279072	30.70	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	91407	33.48	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	498345	34.36	ng	0.00
79) Terphenyl-d14	12.87	244	413729	26.27	ng	0.00

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
50) Dimethylphthalate	9.53	163	42257	2.654	ng	99
71) Phenanthrene	11.32	178	341882	17.819	ng	99
72) Anthracene	11.37	178	104606	5.283	ng	98
75) Fluoranthene	12.51	202	750422	36.640	ng	99
78) Pyrene	12.74	202	752807	32.294	ng	98
81) Benzo(a)anthracene	13.93	228	415849	20.602	ng	100
83) Chrysene	13.96	228	382008	18.689	ng	97
87) Indeno(1,2,3-cd)pyrene	16.79	276	179469	9.706	ng	93
88) Benzo(b)fluoranthene	14.96	252	456040m	24.027	ng	
89) Benzo(k)fluoranthene	14.99	252	133963m	7.707	ng	
90) Benzo(a)pyrene	15.32	252	317436	19.675	ng	97
91) Dibenzo(a,h)anthracene	16.80	278	43362	2.817	ng	# 76
92) Benzo(a,h,i)perylene	17.22	276	159173	10.521	ng	100

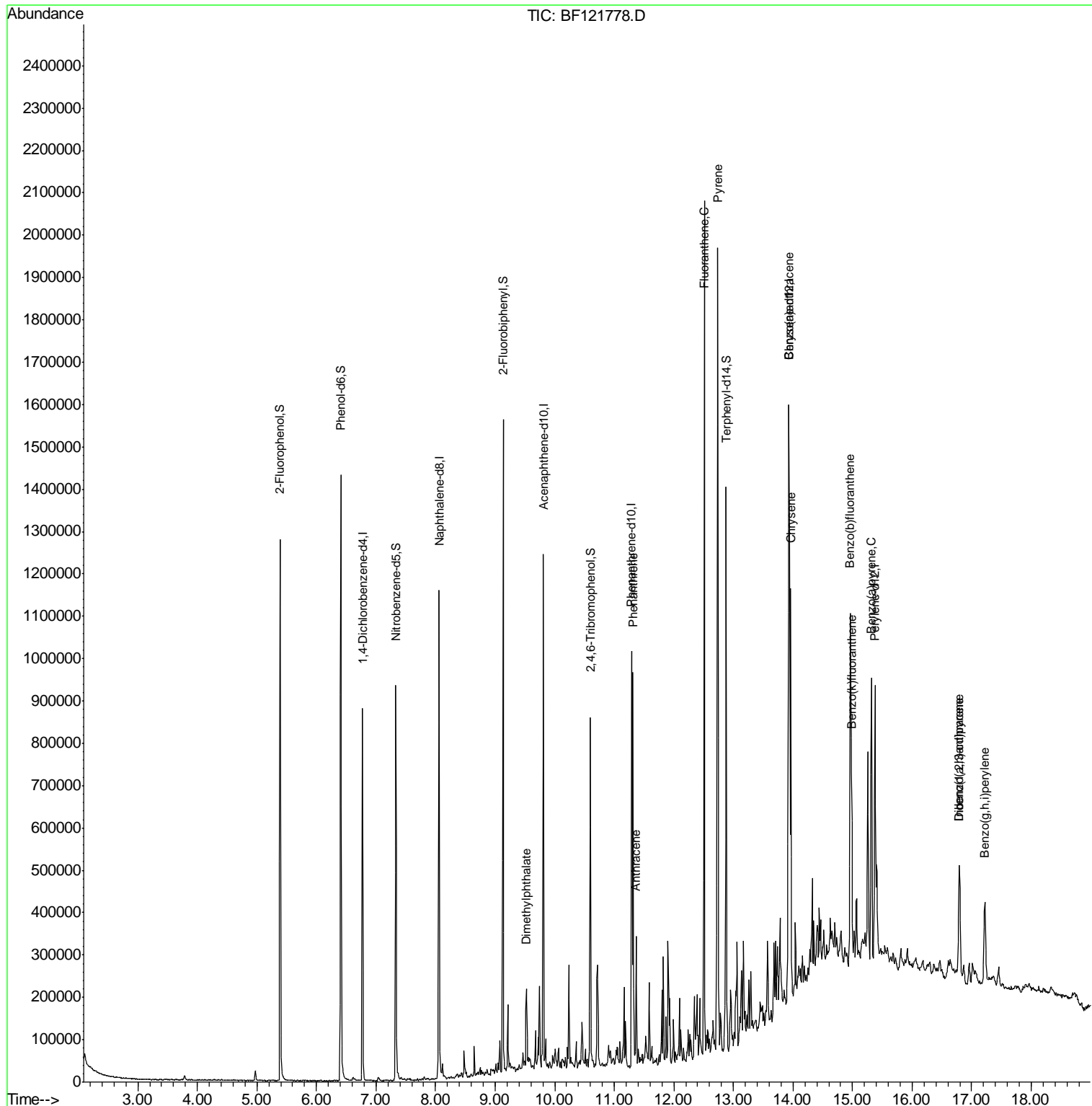
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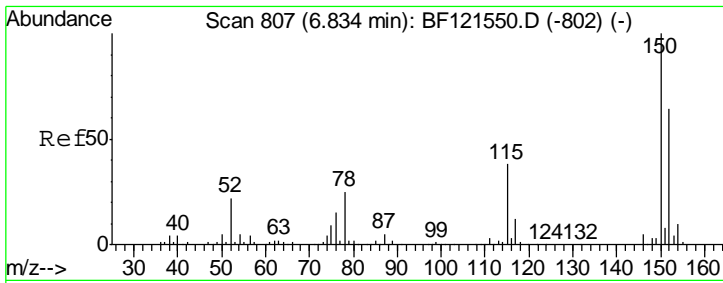
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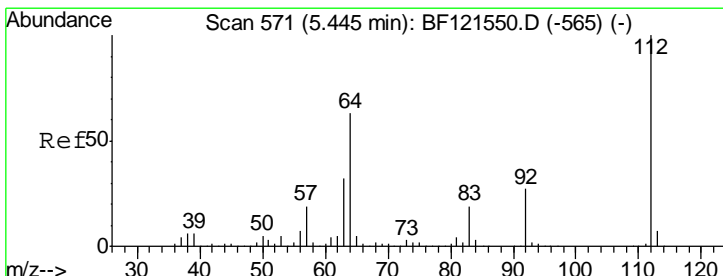
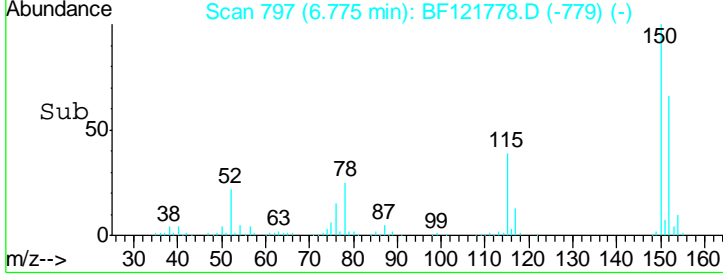
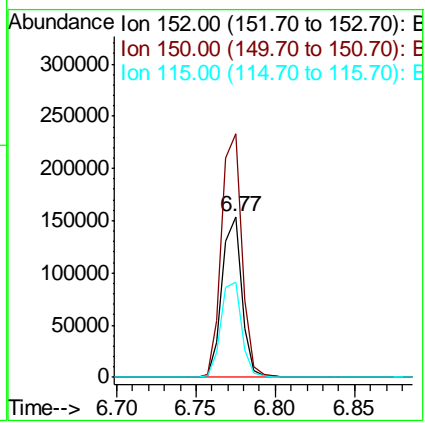
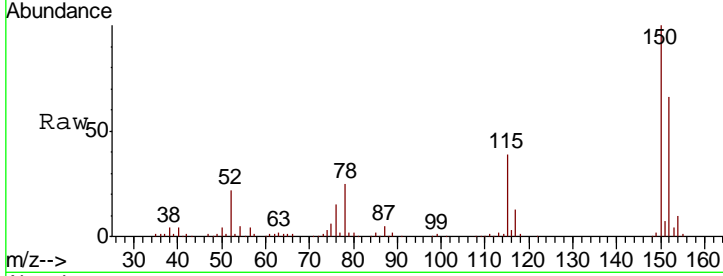


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 797
 Delta R.T. 0.01 min
 Lab File: BF121778.D
 Acq: 1 Oct 2020 20:49

Instrument :
 BNA_F
ClientSampled :
 B-12(13-14)

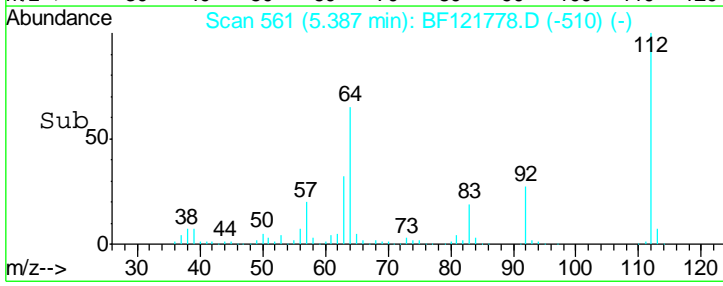
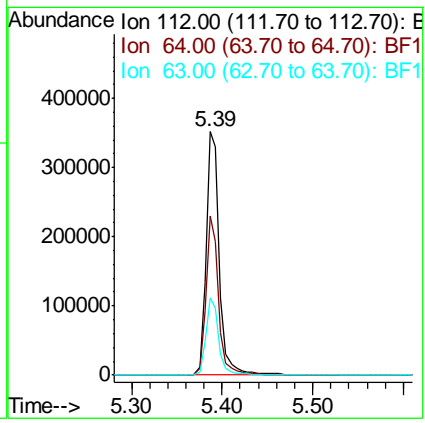
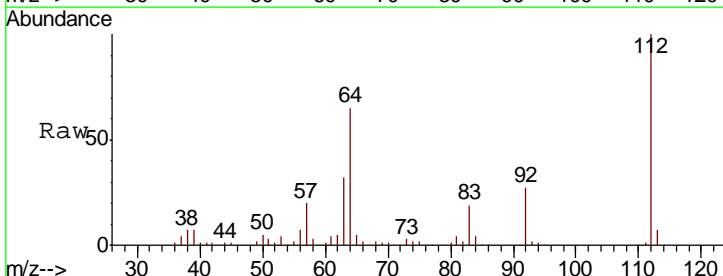
Tgt Ion	Resp	Lower	Upper
152	134042		
150	100	125.3	187.9
115	59.5	51.9	77.9

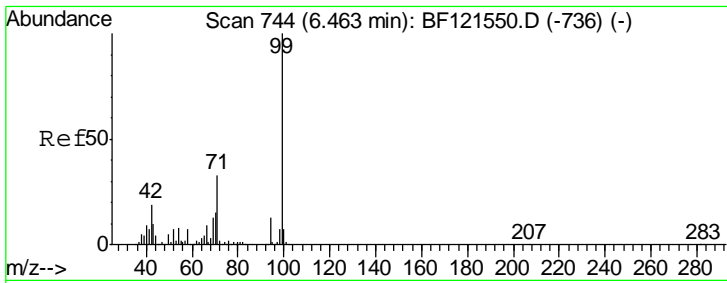
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#5
 2-Fluorophenol
 Concen: 40.380 ng
 RT: 5.39 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: BF121778.D
 Acq: 1 Oct 2020 20:49

Tgt Ion	Resp	Lower	Upper
112	364209		
64	100	50.4	75.6
63	31.7	25.8	38.6





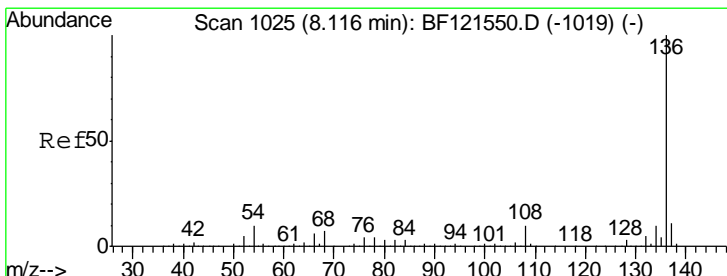
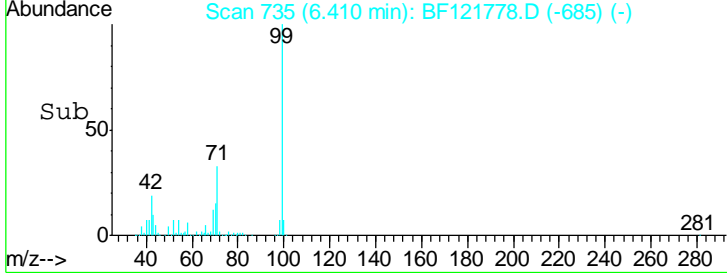
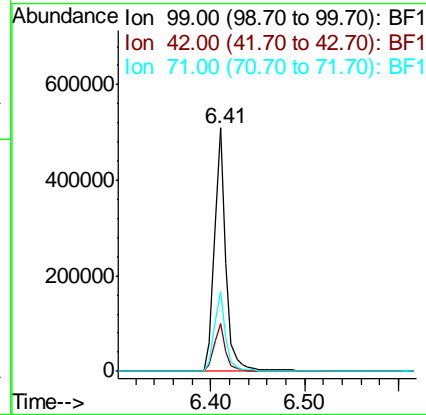
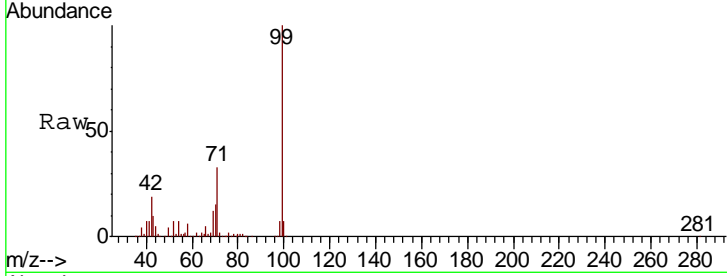
#7
 Phenol-d6
 Concen: 37.512 ng
 RT: 6.41 min Scan# 735
 Delta R.T. -0.01 min
 Lab File: BF121778.D
 Acq: 1 Oct 2020 20:49

Instrument :
 BNA_F
ClientSampled :
 B-12(13-14)

Tgt Ion	Resp	Lower	Upper
99	443889		
99	100		
42	19.5	15.9	23.9
71	32.9	27.1	40.7

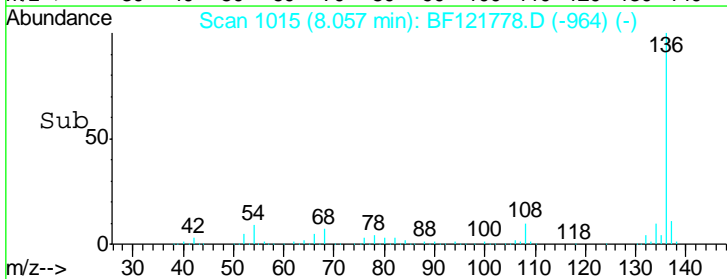
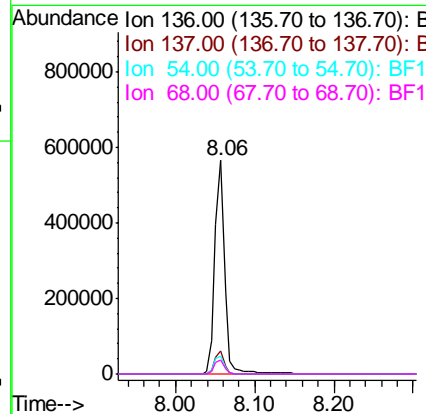
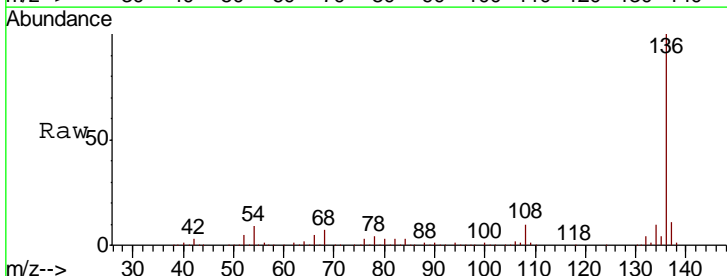
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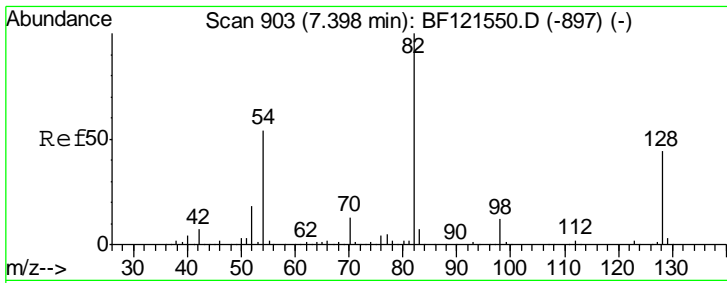
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#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: BF121778.D
 Acq: 1 Oct 2020 20:49

Tgt Ion	Resp	Lower	Upper
136	488004		
136	100		
137	10.7	8.6	13.0
54	8.7	7.1	10.7
68	6.5	5.0	7.4





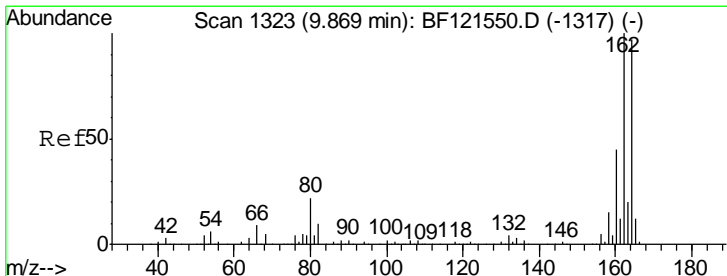
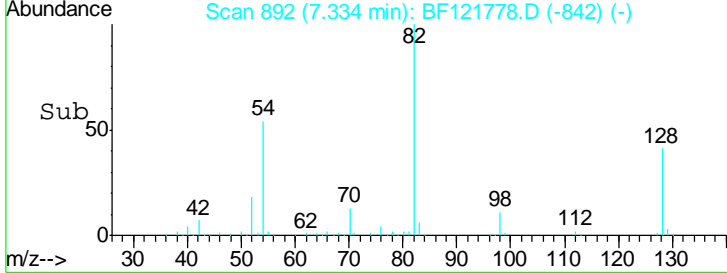
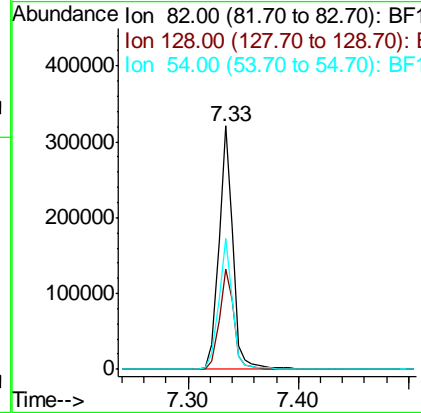
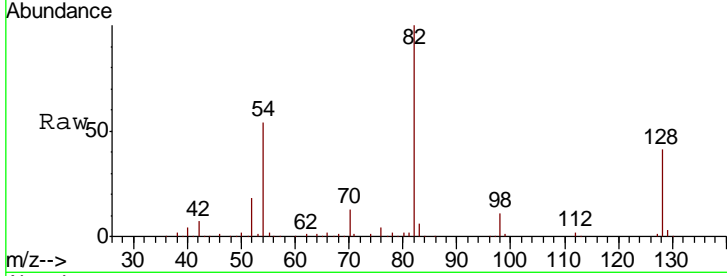
#23
 Nitrobenzene-d5
 Concen: 30.704 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF121778.D
 Acq: 1 Oct 2020 20:49

Instrument :
 BNA_F
ClientSampled :
 B-12(13-14)

Tgt Ion	Resp	Lower	Upper
82	100		
128	41.2	35.0	52.4
54	53.8	43.9	65.9

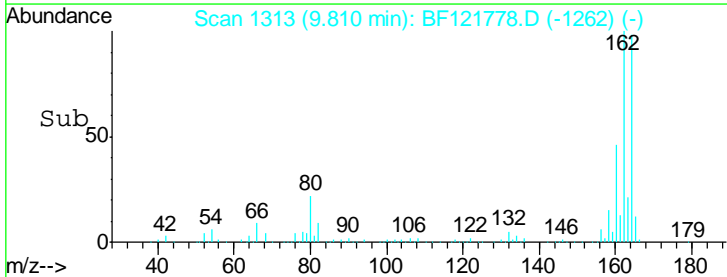
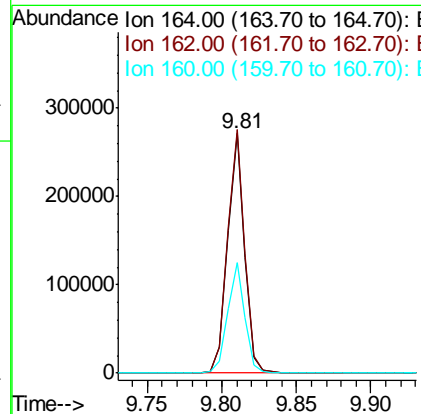
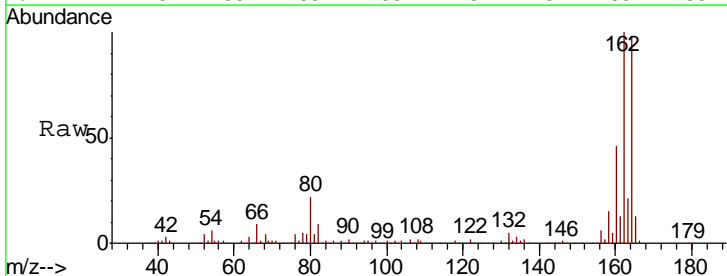
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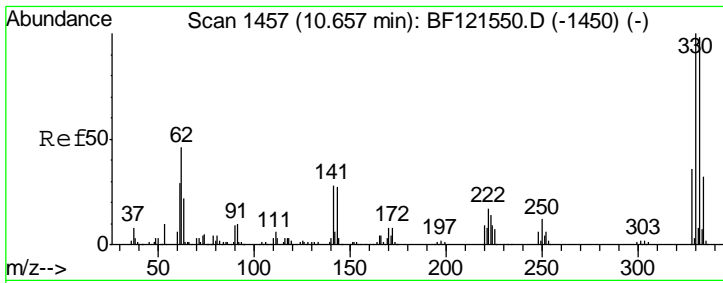
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: BF121778.D
 Acq: 1 Oct 2020 20:49

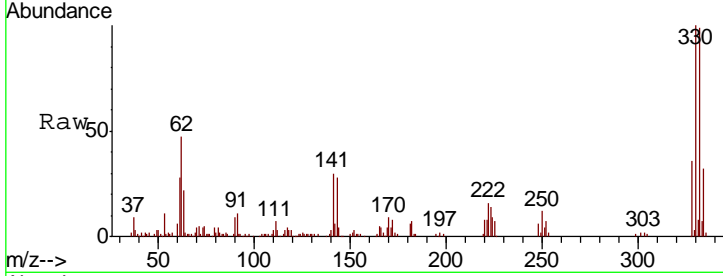
Tgt Ion	Resp	Lower	Upper
164	100		
162	101.6	83.2	124.8
160	46.3	37.5	56.3





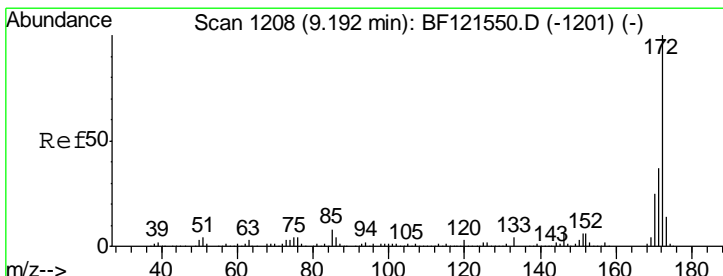
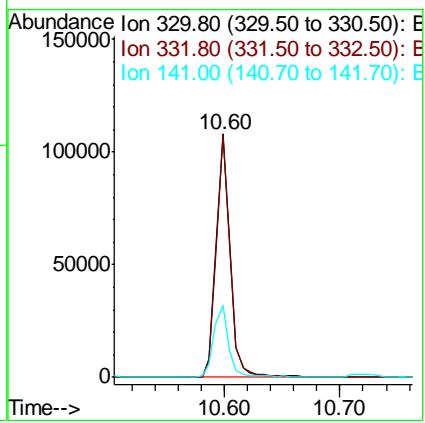
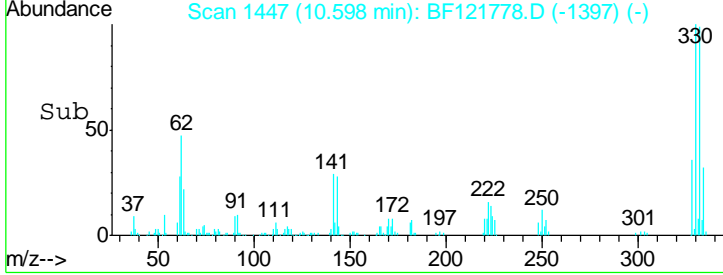
#42
 2,4,6-Tribromophenol
 Concen: 33.479 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF121778.D
 Acq: 1 Oct 2020 20:49

Instrument :
 BNA_F
ClientSampled :
 B-12(13-14)

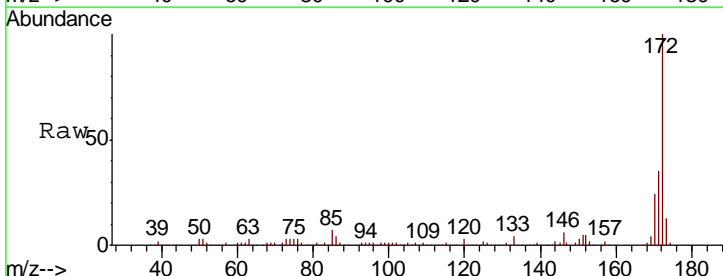


Tgt Ion	Resp	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	32.9	22.3	33.5

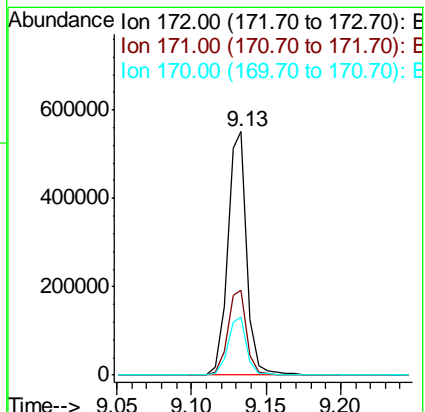
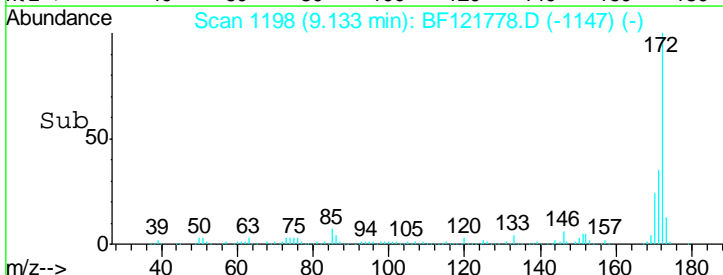
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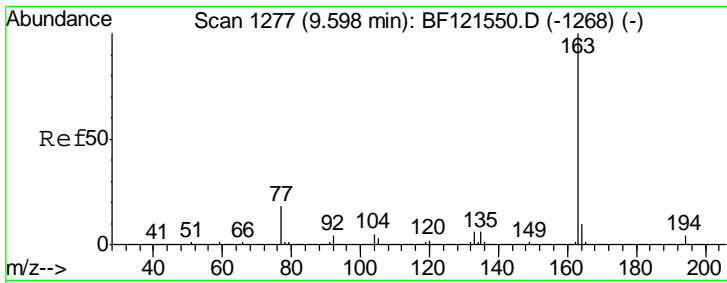


#45
 2-Fluorobiphenyl
 Concen: 34.358 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF121778.D
 Acq: 1 Oct 2020 20:49



Tgt Ion	Resp	Lower	Upper
172	100		
171	35.0	29.1	43.7
170	23.7	19.8	29.6





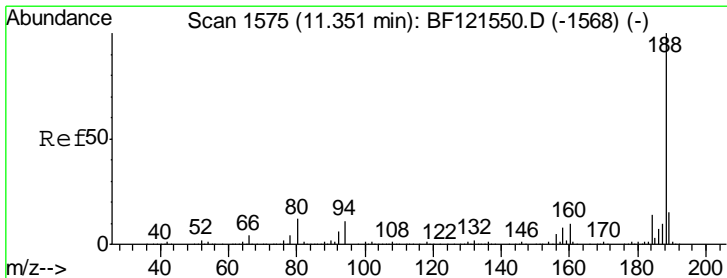
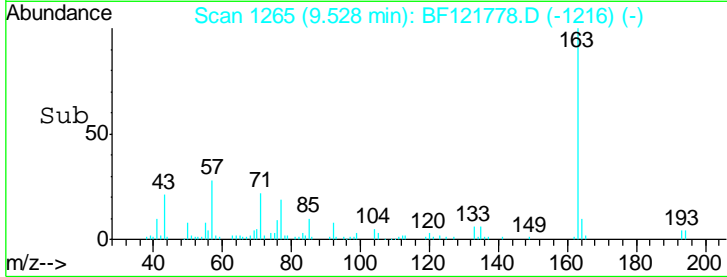
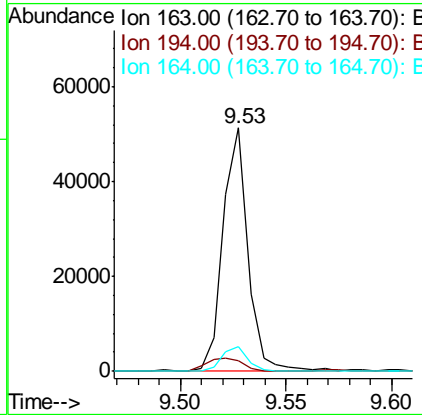
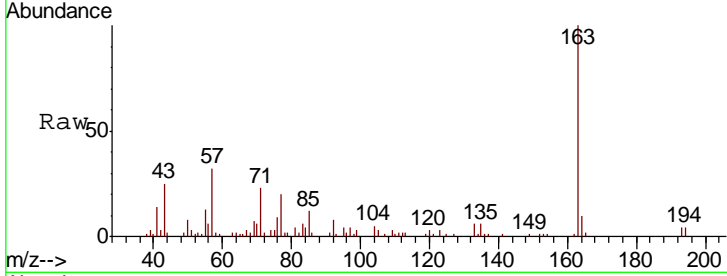
#50
 Dimethylphthalate
 Concen: 2.654 ng
 RT: 9.53 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BF121778.D
 Acq: 1 Oct 2020 20:49

Instrument :
 BNA_F
ClientSampled :
 B-12(13-14)

Tgt Ion	Resp	Lower	Upper
163	42257		
194	4.3	3.3	4.9
164	10.0	8.2	12.4

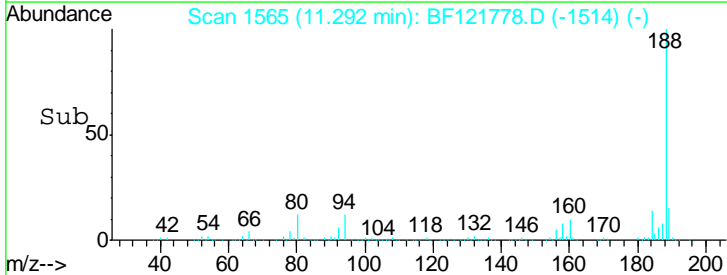
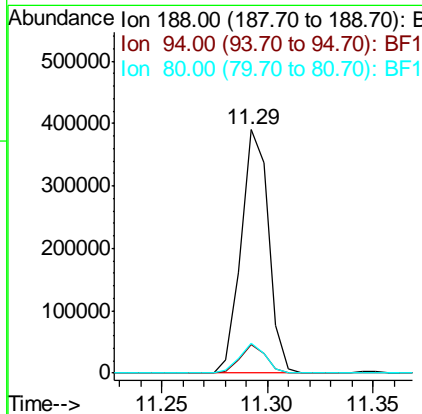
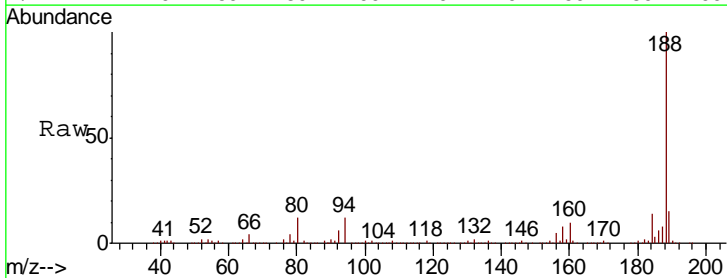
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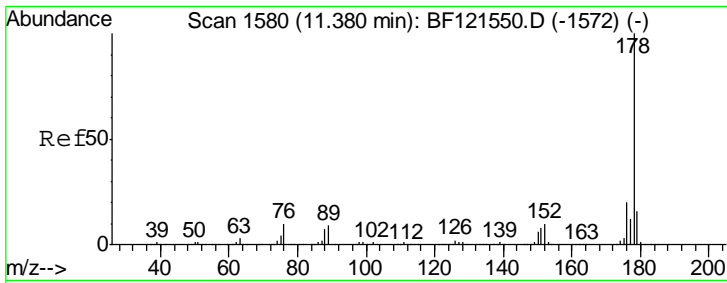
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BF121778.D
 Acq: 1 Oct 2020 20:49

Tgt Ion	Resp	Lower	Upper
188	352140		
94	11.8	8.3	12.5
80	12.2	9.1	13.7





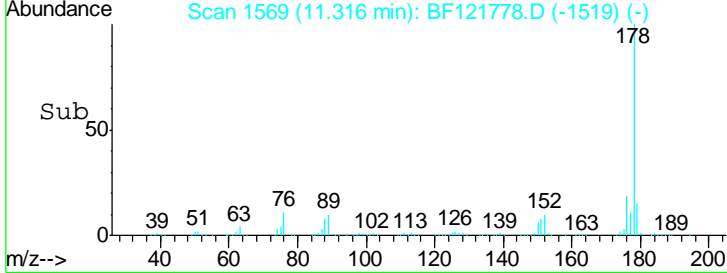
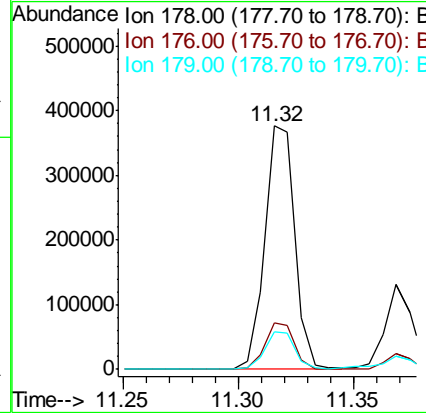
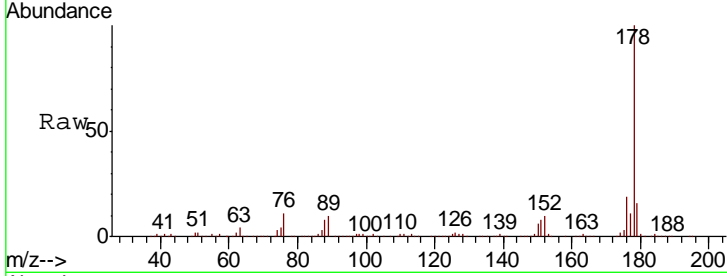
#71
 Phenanthrene
 Concen: 17.819 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF121778.D
 Acq: 1 Oct 2020 20:49

Instrument :
 BNA_F
 ClientSampled :
 B-12(13-14)

Tgt Ion	Resp	Lower	Upper
178	341882		
176	19.0	15.9	23.9
179	15.6	12.2	18.4

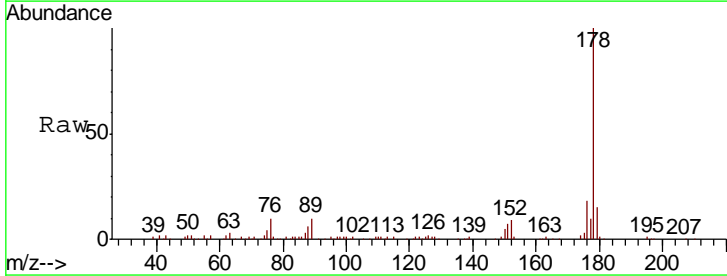
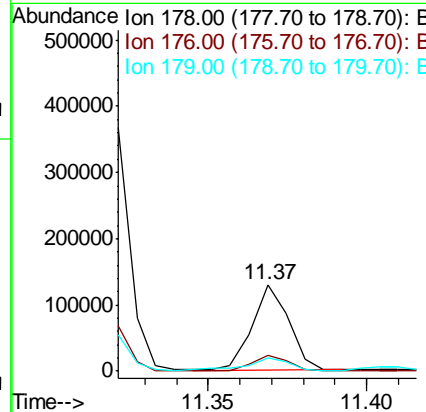
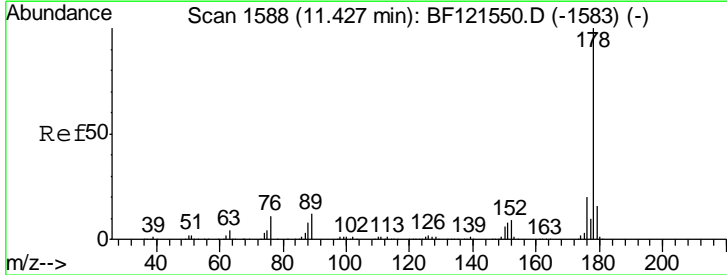
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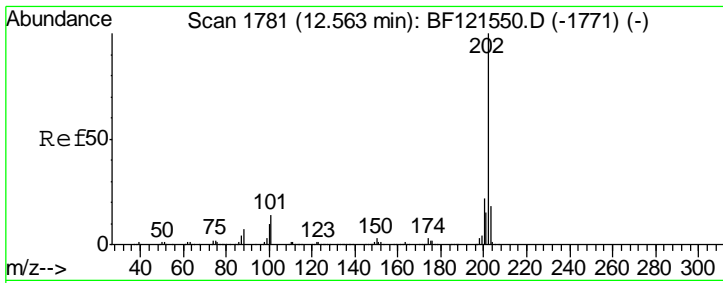
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#72
 Anthracene
 Concen: 5.283 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: BF121778.D
 Acq: 1 Oct 2020 20:49

Tgt Ion	Resp	Lower	Upper
178	104606		
176	18.3	15.7	23.5
179	15.5	12.7	19.1



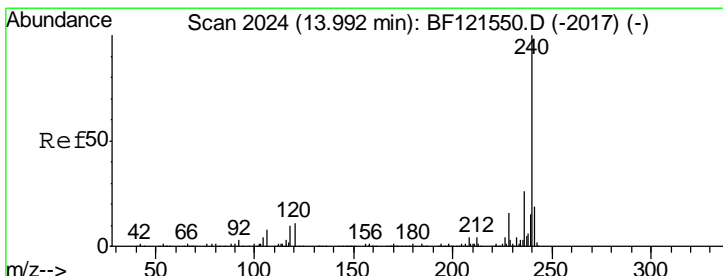
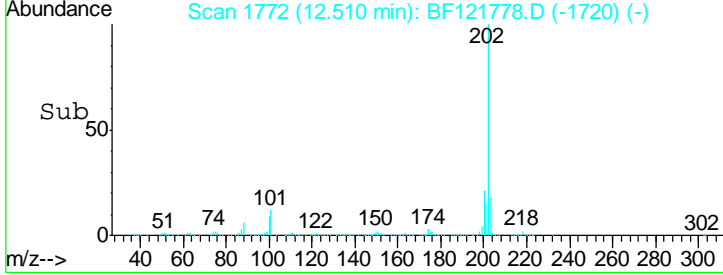
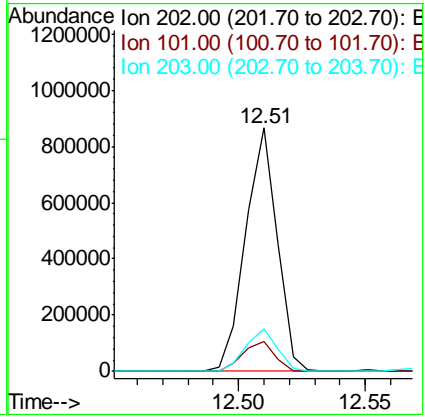
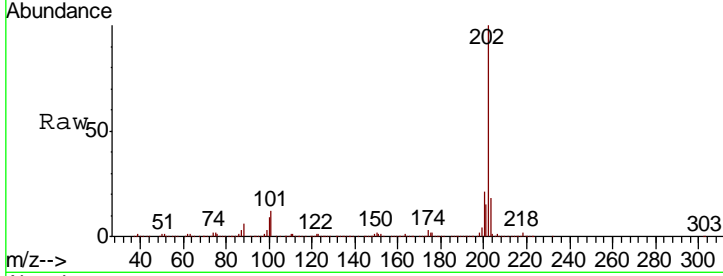


#75
 Fluoranthene
 Concen: 36.640 ng
 RT: 12.51 min Scan# 1772
 Delta R.T. 0.01 min
 Lab File: BF121778.D
 Acq: 1 Oct 2020 20:49

Instrument :
 BNA_F
ClientSampled :
 B-12(13-14)

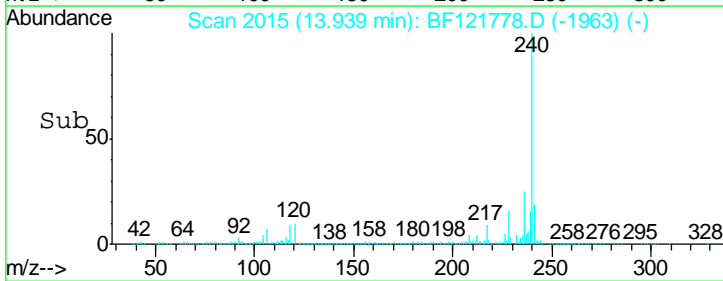
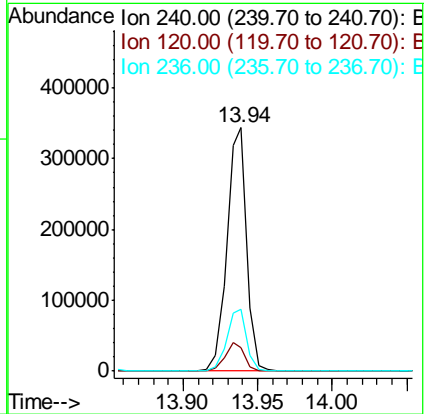
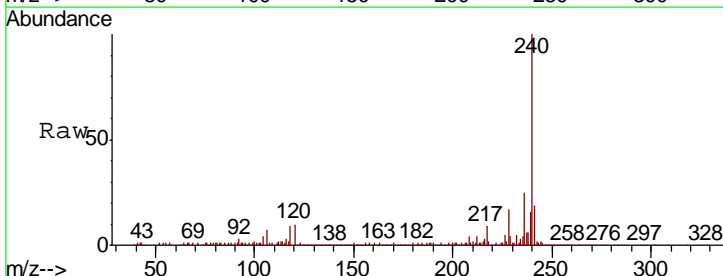
Tgt Ion	Resp	Lower	Upper
202	750422		
101	12.5	0.0	33.4
203	17.7	0.0	37.9

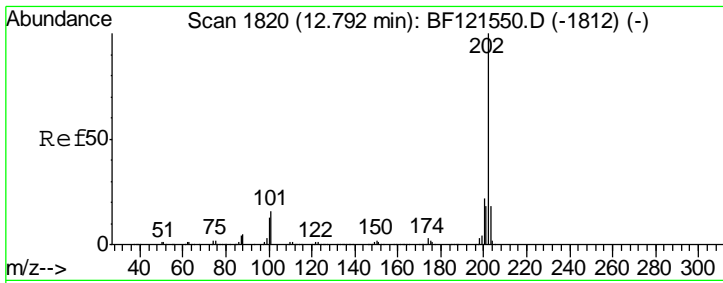
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.01 min
 Lab File: BF121778.D
 Acq: 1 Oct 2020 20:49

Tgt Ion	Resp	Lower	Upper
240	319054		
120	9.8	9.2	13.8
236	25.2	20.9	31.3



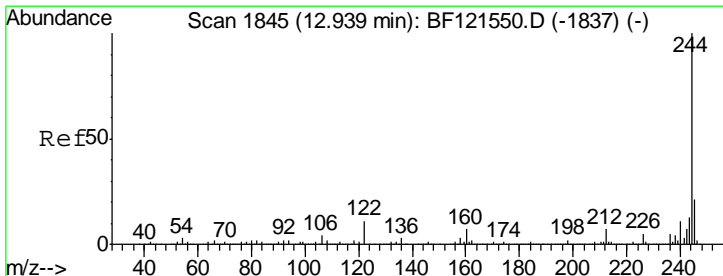
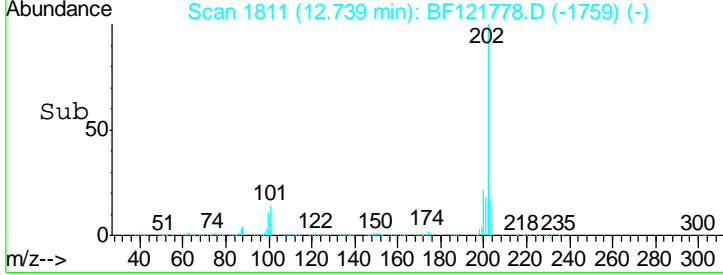
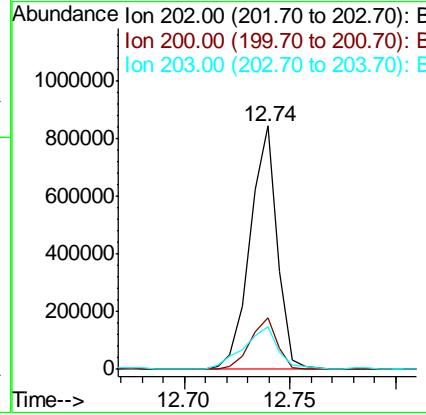
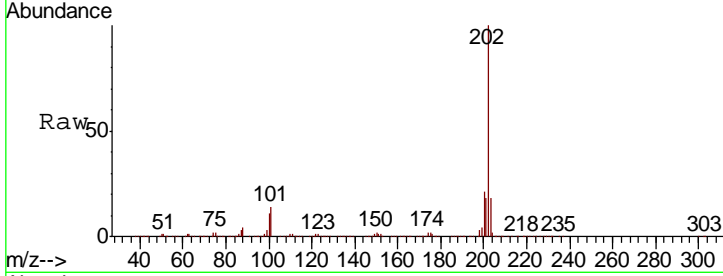


#78
 Pyrene
 Concen: 32.294 ng
 RT: 12.74 min Scan# 1811
 Delta R.T. 0.01 min
 Lab File: BF121778.D
 Acq: 1 Oct 2020 20:49

Instrument :
 BNA_F
ClientSampled :
 B-12(13-14)

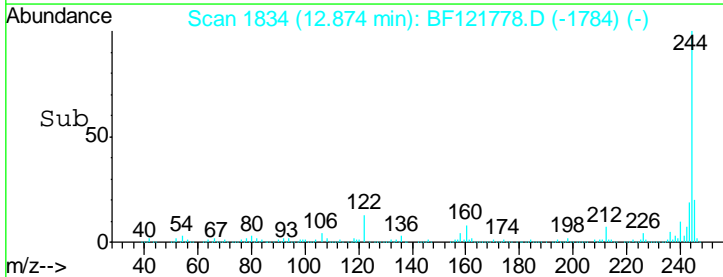
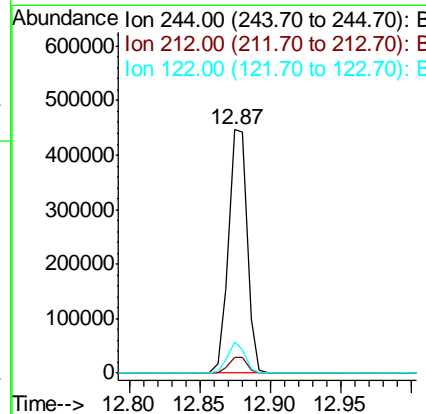
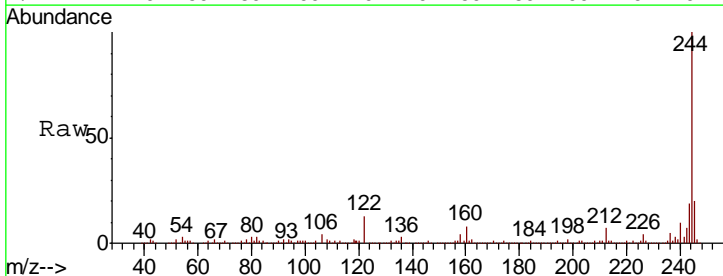
Tgt Ion	Resp	Lower	Upper
202	752807		
202	100		
200	21.0	17.4	26.2
203	17.6	14.6	21.8

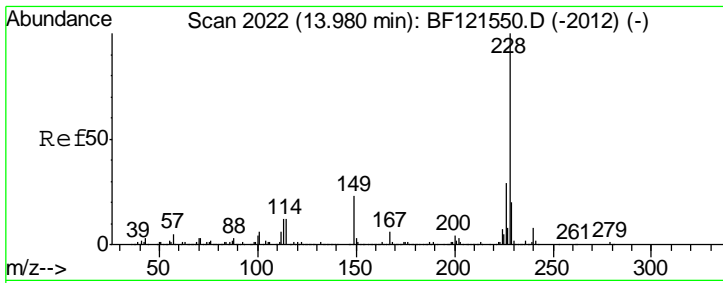
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#79
 Terphenyl-d14
 Concen: 26.271 ng
 RT: 12.87 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF121778.D
 Acq: 1 Oct 2020 20:49

Tgt Ion	Resp	Lower	Upper
244	413729		
244	100		
212	6.7	5.4	8.2
122	12.7	8.1	12.1#





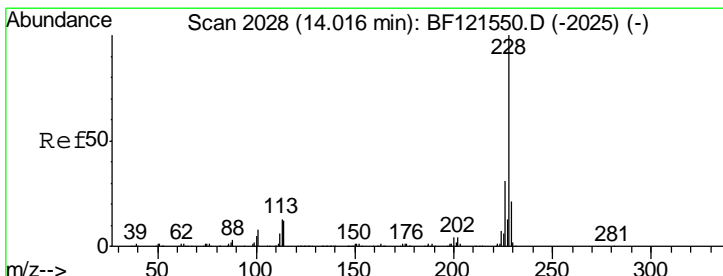
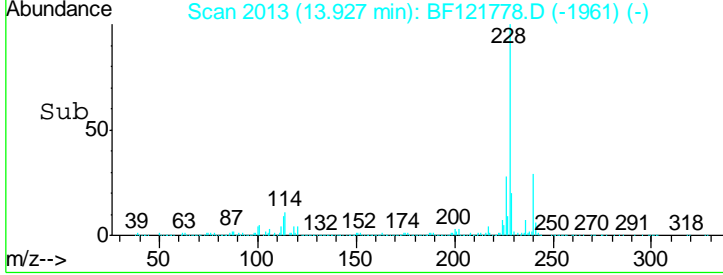
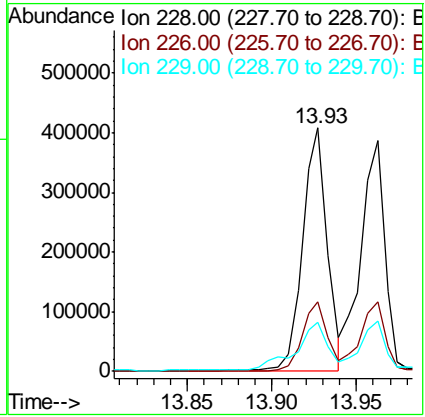
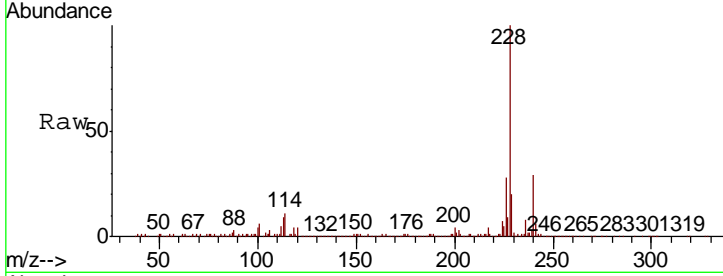
#81
 Benzo(a)anthracene
 Concen: 20.602 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.01 min
 Lab File: BF121778.D
 Acq: 1 Oct 2020 20:49

Instrument :
 BNA_F
 ClientSampled :
 B-12(13-14)

Tgt Ion	Resp	Lower	Upper
228	100		
226	28.3	22.3	33.5
229	20.3	16.2	24.4

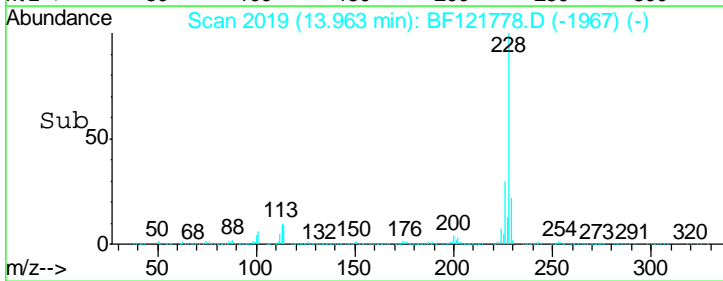
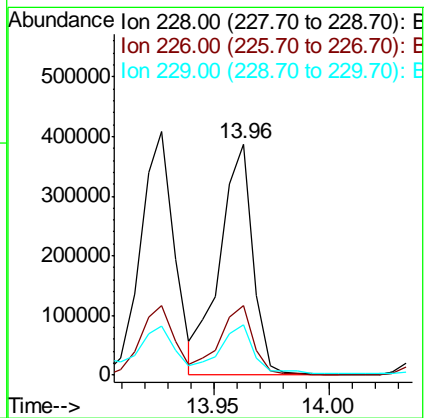
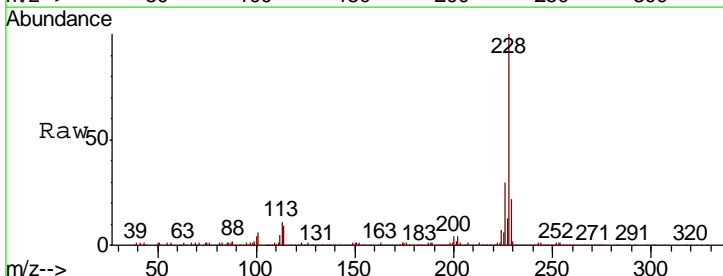
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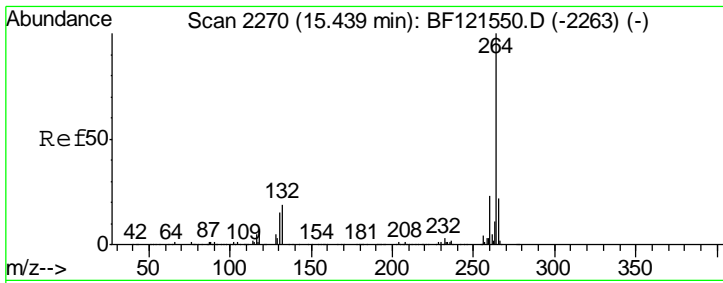
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#83
 Chrysene
 Concen: 18.689 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.01 min
 Lab File: BF121778.D
 Acq: 1 Oct 2020 20:49

Tgt Ion	Resp	Lower	Upper
228	100		
226	29.9	24.6	37.0
229	21.9	15.9	23.9



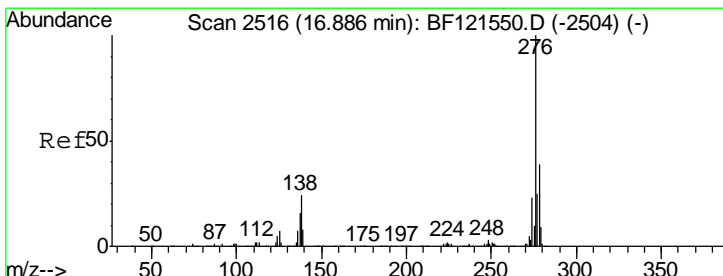
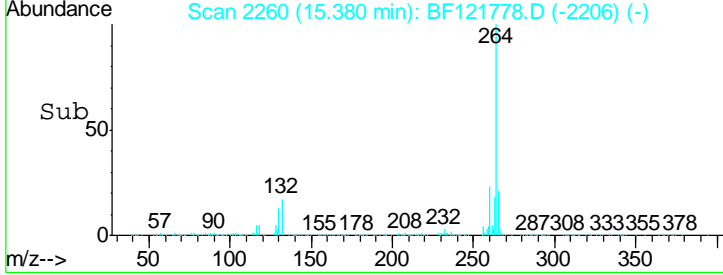
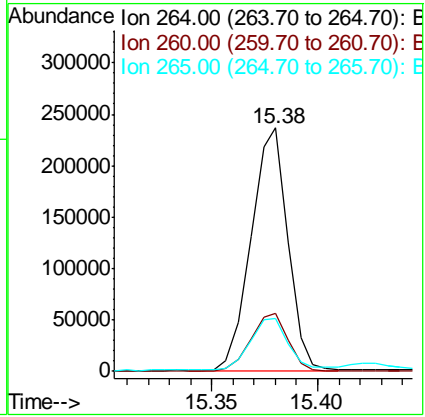
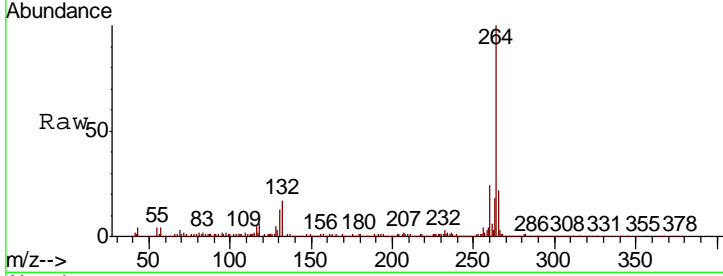


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.38 min Scan# 2260
 Delta R.T. 0.02 min
 Lab File: BF121778.D
 Acq: 1 Oct 2020 20:49

Instrument :
 BNA_F
ClientSampled :
 B-12(13-14)

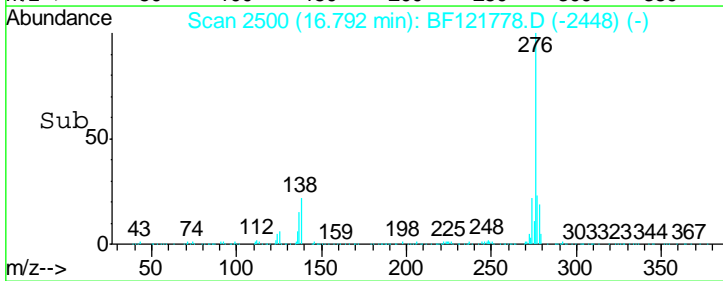
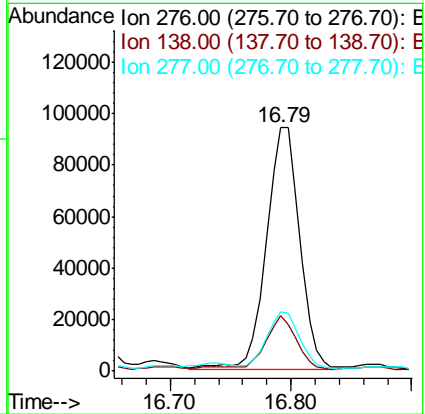
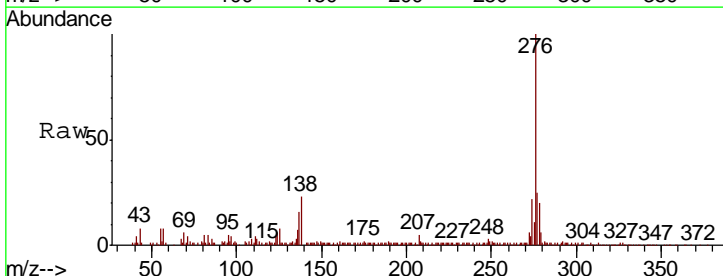
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.9	17.3	25.9

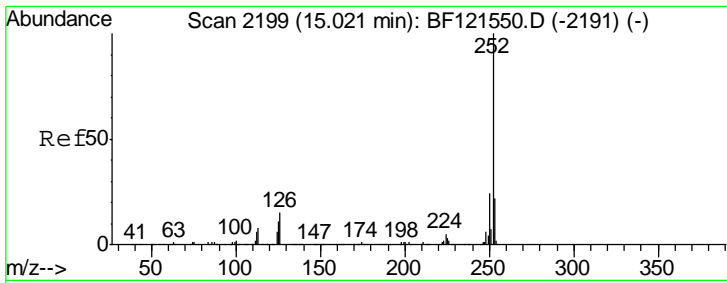
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#87
 Indeno(1,2,3-cd)pyrene
 Concen: 9.706 ng
 RT: 16.79 min Scan# 2500
 Delta R.T. 0.01 min
 Lab File: BF121778.D
 Acq: 1 Oct 2020 20:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.3	19.9	29.9
277	23.4	20.4	30.6





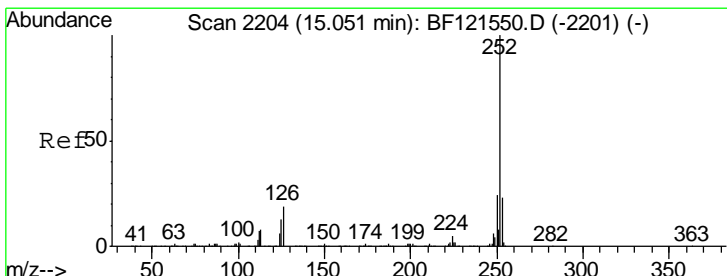
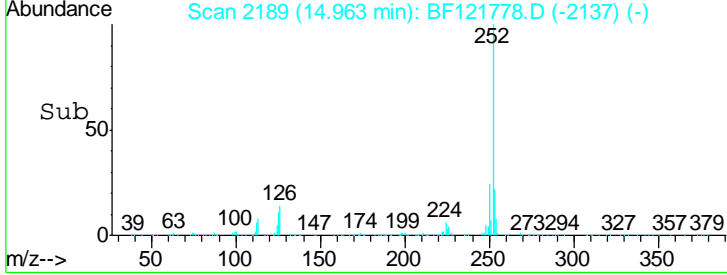
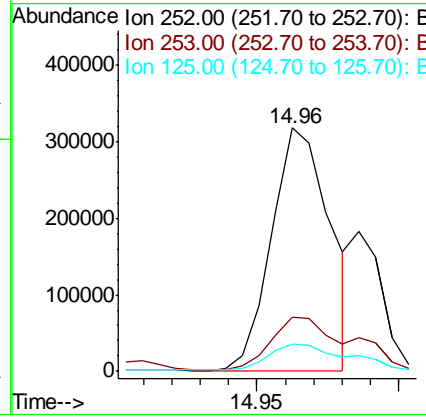
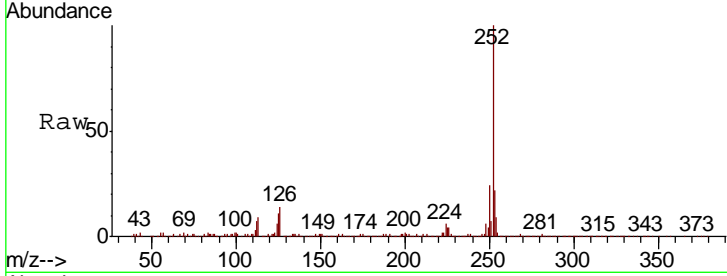
#88
 Benzo(b)fluoranthene
 Concen: 24.027 ng m
 RT: 14.96 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: BF121778.D
 Acq: 1 Oct 2020 20:49

Instrument :
 BNA_F
 ClientSampled :
 B-12(13-14)

Tgt Ion	Resp	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	11.3	8.0	12.0

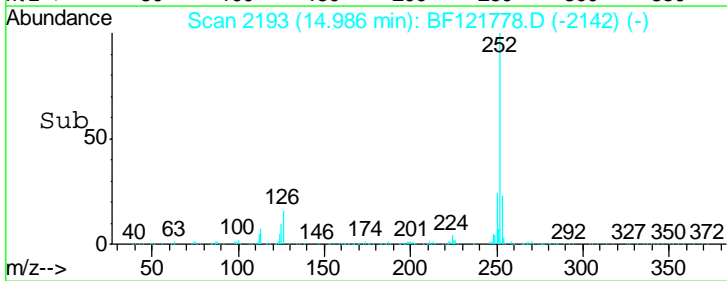
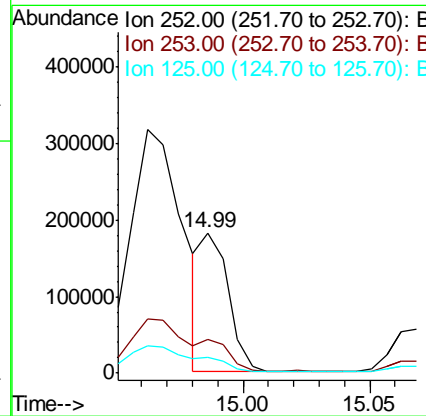
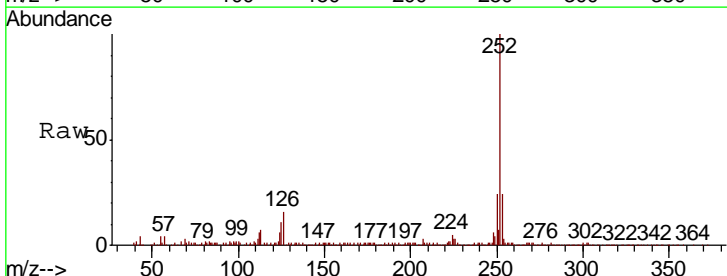
Manual Integrations
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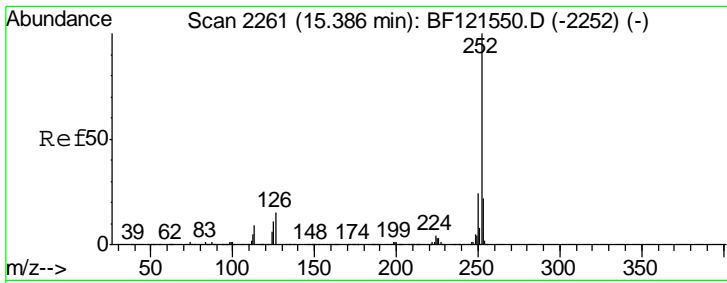
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#89
 Benzo(k)fluoranthene
 Concen: 7.707 ng m
 RT: 14.99 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: BF121778.D
 Acq: 1 Oct 2020 20:49

Tgt Ion	Resp	Lower	Upper
252	100		
253	23.6	17.8	26.6
125	11.2	7.7	11.5





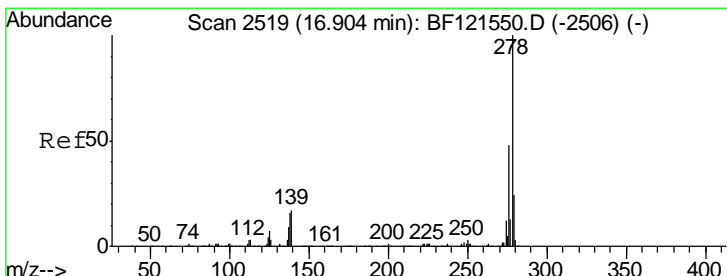
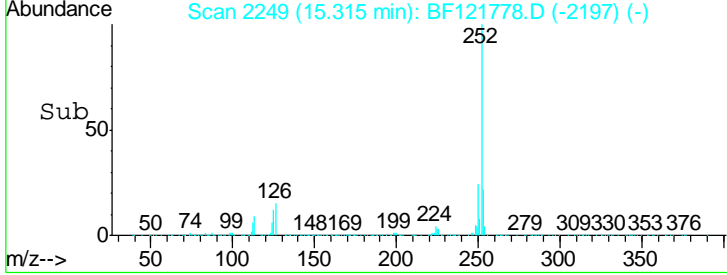
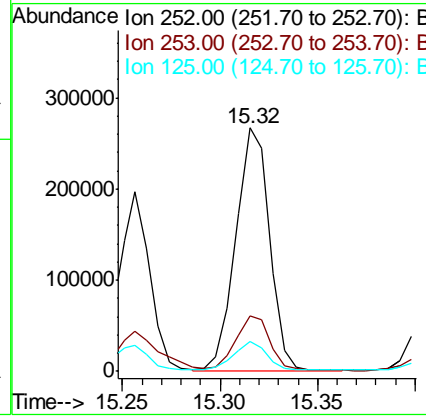
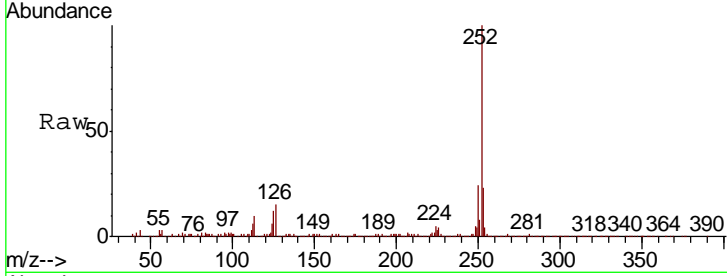
#90
 Benzo(a)pyrene
 Concen: 19.675 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. 0.01 min
 Lab File: BF121778.D
 Acq: 1 Oct 2020 20:49

Instrument :
 BNA_F
 ClientSampled :
 B-12(13-14)

Tgt Ion	Resp	Lower	Upper
252	317436		
253	23.0	17.3	25.9
125	12.5	8.6	13.0

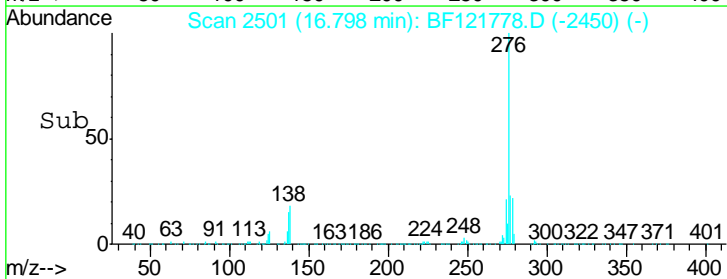
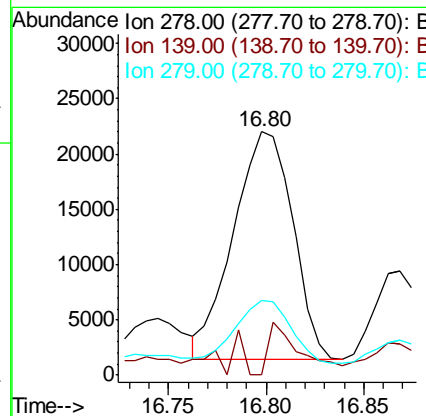
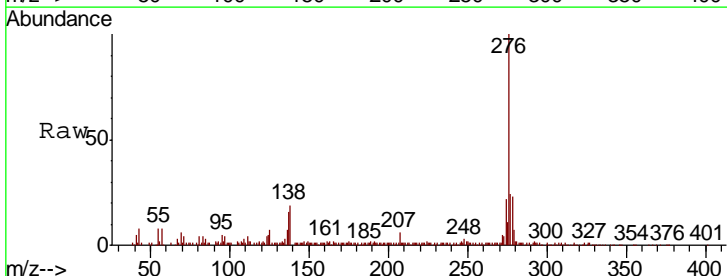
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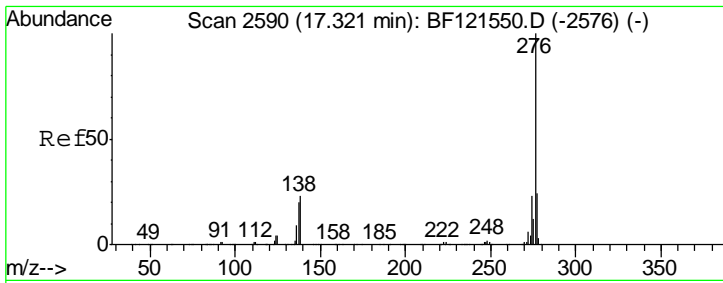
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#91
 Dibenzo(a,h)anthracene
 Concen: 2.817 ng
 RT: 16.80 min Scan# 2501
 Delta R.T. 0.00 min
 Lab File: BF121778.D
 Acq: 1 Oct 2020 20:49

Tgt Ion	Resp	Lower	Upper
278	43362		
139	0.0	13.0	19.4#
279	30.6	19.0	28.4#





#92
 Benzo(a,h,i)perylene
 Concen: 10.521 ng
 RT: 17.22 min Scan# 2573
 Delta R.T. 0.01 min
 Lab File: BF121778.D
 Acq: 1 Oct 2020 20:49

Instrument :
 BNA_F
ClientSampled :
 B-12(13-14)

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.4	29.2
138	22.2	17.8	26.6

Manual Integrations
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