

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
 Data File : BF121826.D
 Acq On : 5 Oct 2020 19:49
 Operator : JU/CG
 Sample : L4247-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-18(11-13)

Manual Integrations
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mohammad
 10/7/2020 10:36:13 AM

Quant Time: Oct 06 00:51:05 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	100812	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	385525	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	187170	20.00	ng	-0.01
64) Phenanthrene-d10	11.28	188	311344	20.00	ng	-0.01
76) Chrysene-d12	13.92	240	255222	20.00	ng	-0.01
86) Perylene-d12	15.36	264	268683	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	522436	77.02	ng	0.00
7) Phenol-d6	6.40	99	654444	73.54	ng	-0.01
23) Nitrobenzene-d5	7.33	82	437390	60.92	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	158749	68.24	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	666576	53.94	ng	-0.01
79) Terphenyl-d14	12.86	244	543551	43.15	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.52	163	78360	5.776	ng	99
71) Phenanthrene	11.30	178	120571	7.108	ng	97
75) Fluoranthene	12.49	202	177999	9.830	ng	99
78) Pyrene	12.72	202	155765	8.353	ng	98
81) Benzo(a)anthracene	13.91	228	87617	5.426	ng	99
83) Chrysene	13.94	228	76411	4.673	ng	97
87) Indeno(1,2,3-cd)pyrene	16.76	276	44953	2.569	ng	98
88) Benzo(b)fluoranthene	14.94	252	106227m	5.914	ng	
90) Benzo(a)pyrene	15.29	252	74534	4.882	ng	# 94
92) Benzo(g,h,i)perylene	17.19	276	43451	3.035	ng	97

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

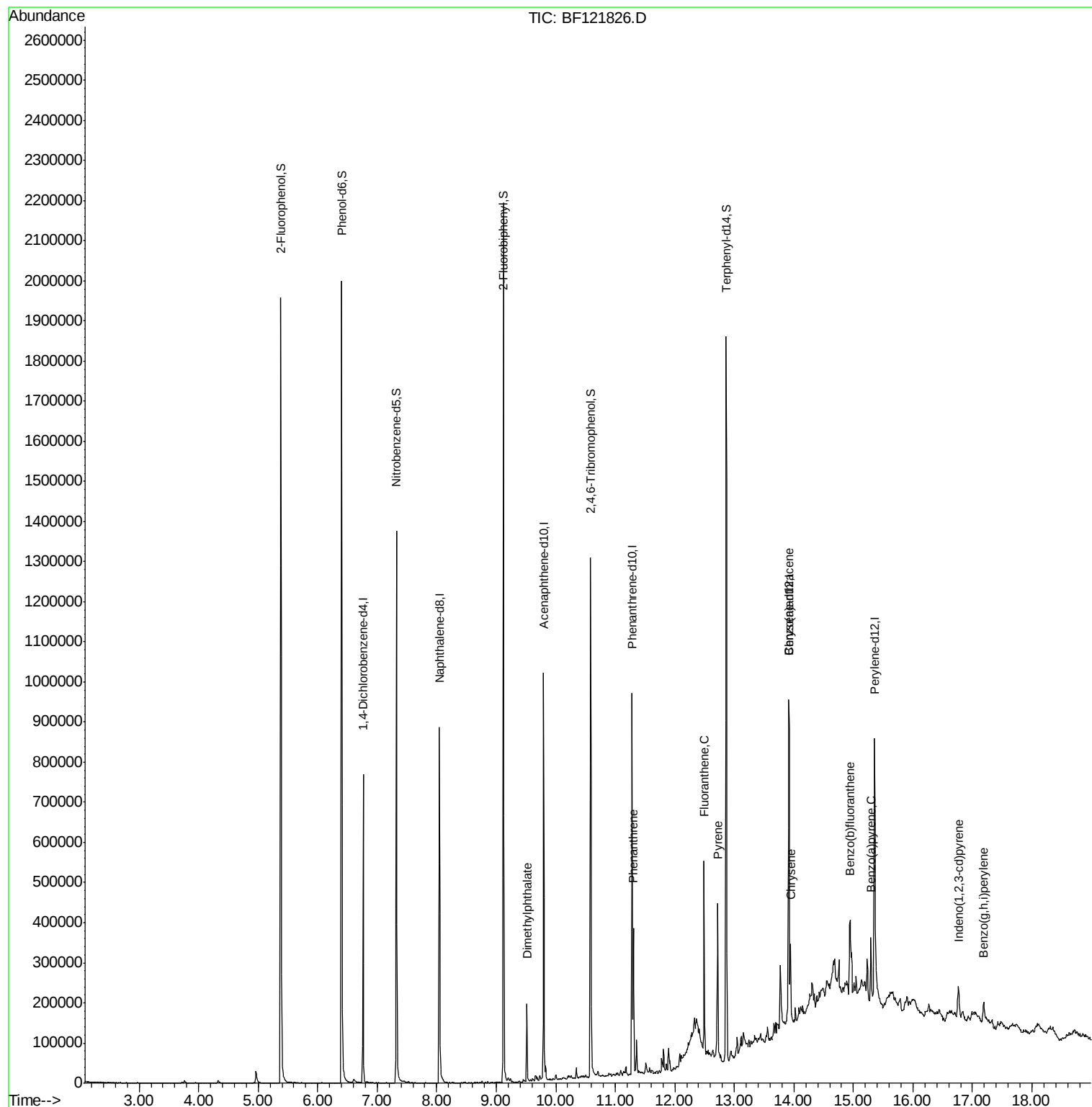
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121826.D
Acq On : 5 Oct 2020 19:49
Operator : JU/CG
Sample : L4247-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

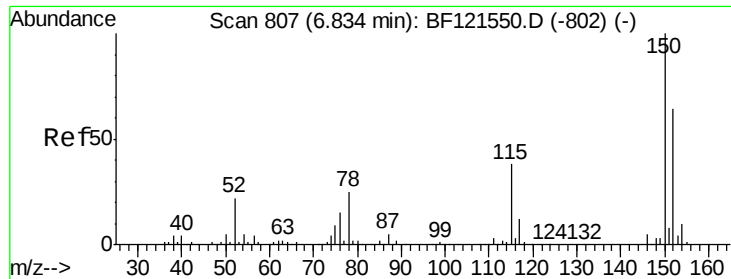
Instrument :
BNA_F
ClientSampleId :
B-18(11-13)

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

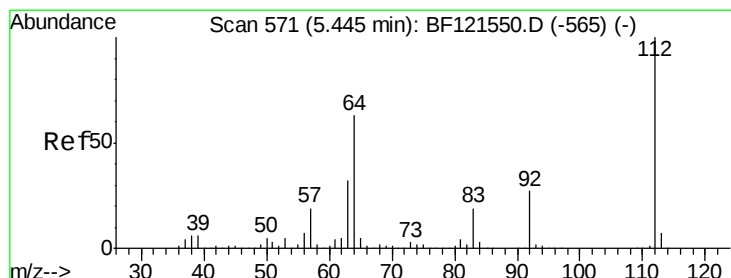
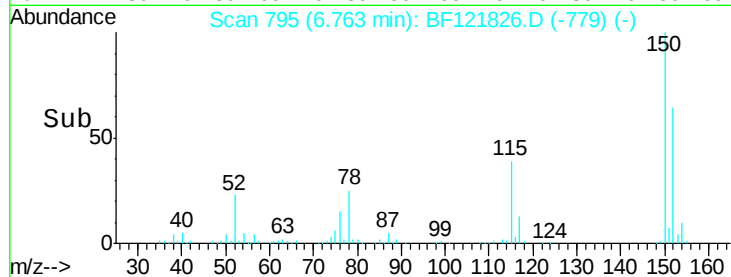
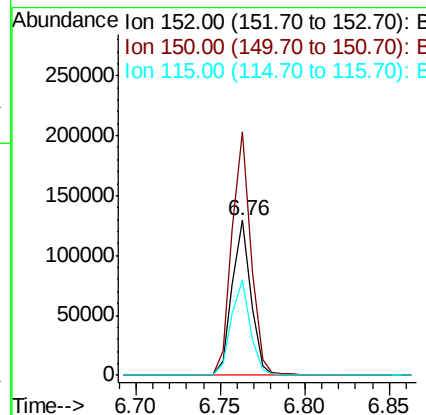
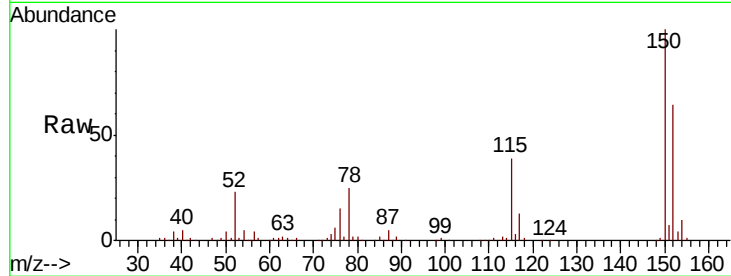
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121826.D
Acq: 5 Oct 2020 19:49

Instrument :
BNA_F
ClientSampled :
B-18(11-13)

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	125.3	187.9
115	61.2	51.9	77.9

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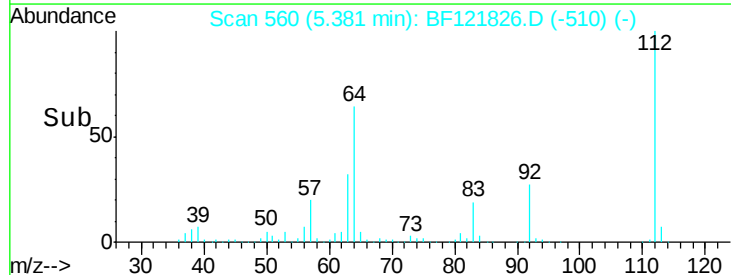
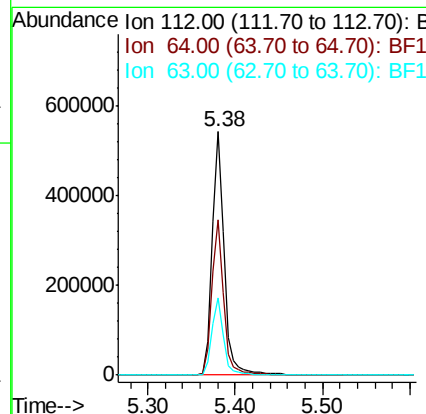
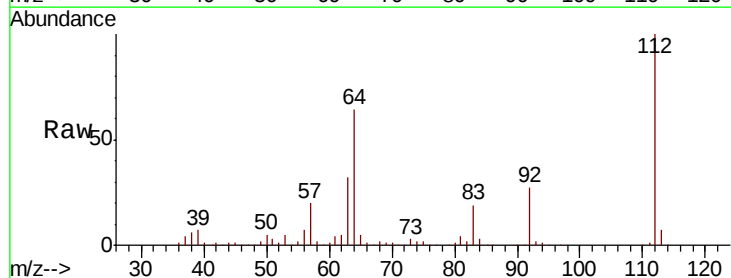
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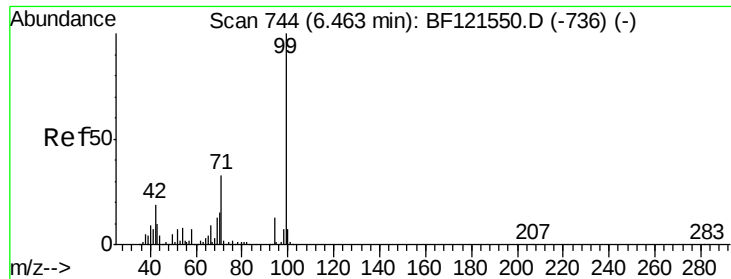


#5

2-Fluorophenol
Concen: 77.015 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF121826.D
Acq: 5 Oct 2020 19:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.7	50.4	75.6
63	31.8	25.8	38.6





#7

Phenol-d6

Concen: 73.536 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF121826.D

Acq: 5 Oct 2020 19:49

Instrument :

BNA_F

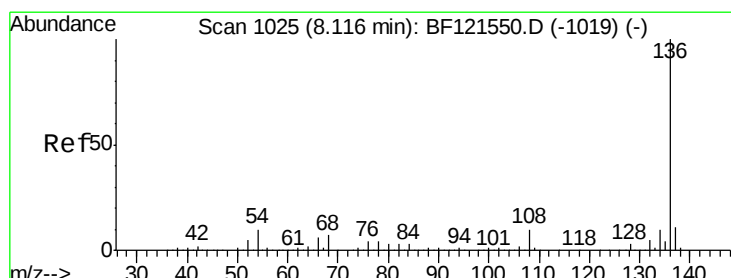
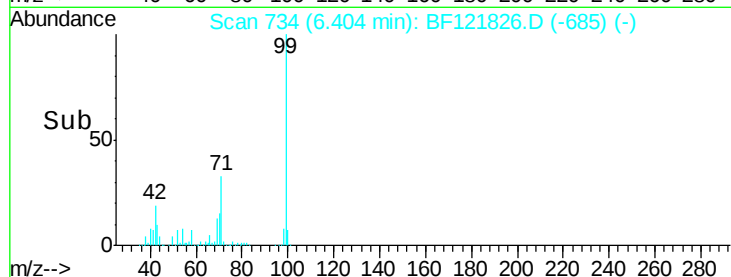
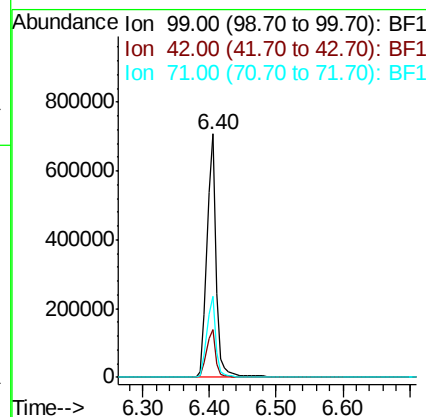
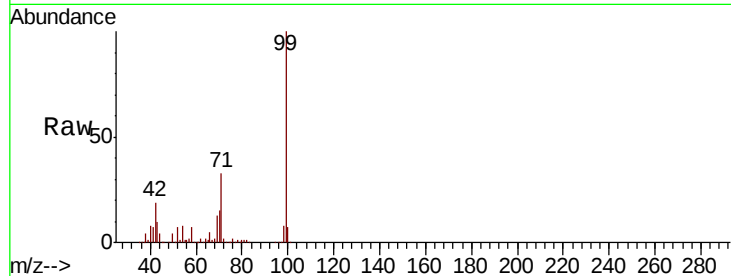
ClientSampleId :

B-18(11-13)

Tot Ion:	99	Resp:	654444
Ion Ratio	Lower	Upper	
99	100		
42	19.4	15.9	23.9
71	33.2	27.1	40.7

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#21

Naphthalene-d8

Concen: 20.000 ng

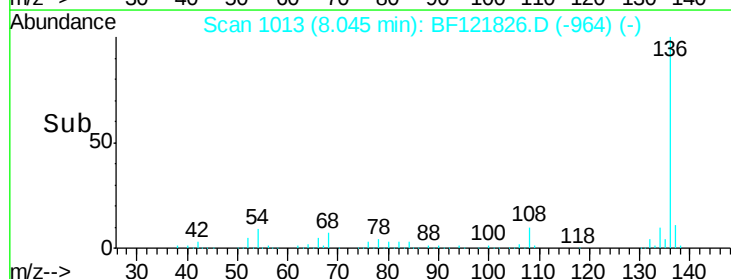
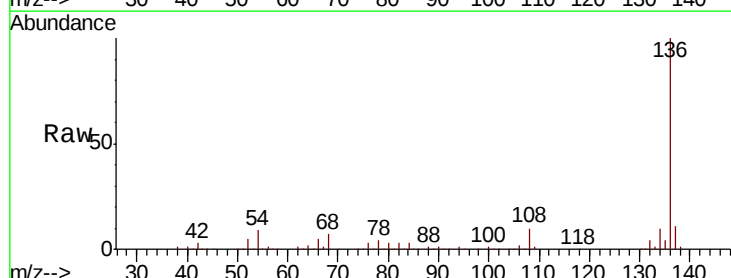
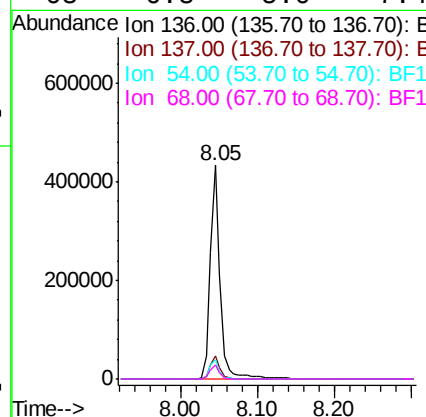
RT: 8.05 min Scan# 1013

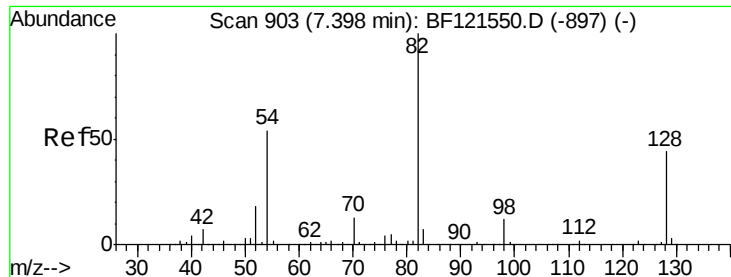
Delta R.T. -0.01 min

Lab File: BF121826.D

Acq: 5 Oct 2020 19:49

Tgt Ion:	136	Resp:	385525
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	9.2	7.1	10.7
68	6.8	5.0	7.4





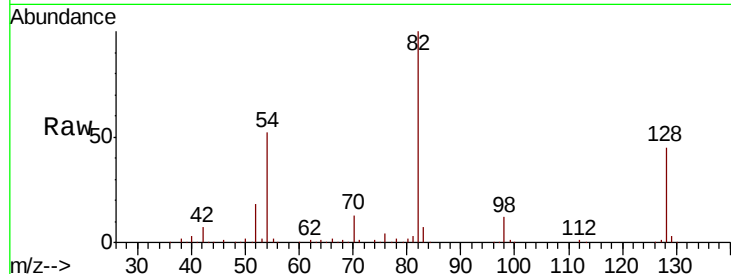
#23
Nitrobenzene-d5
Concen: 60.915 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121826.D
Acq: 5 Oct 2020 19:49

Instrument :
BNA_F
ClientSampleId :
B-18(11-13)

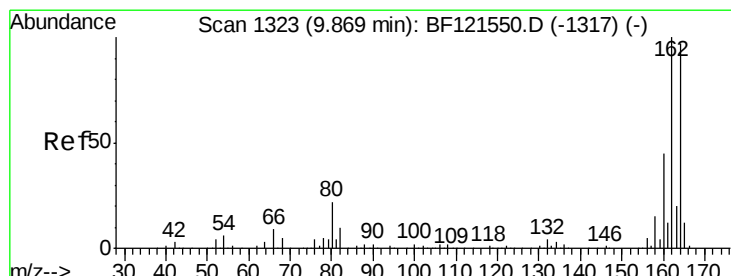
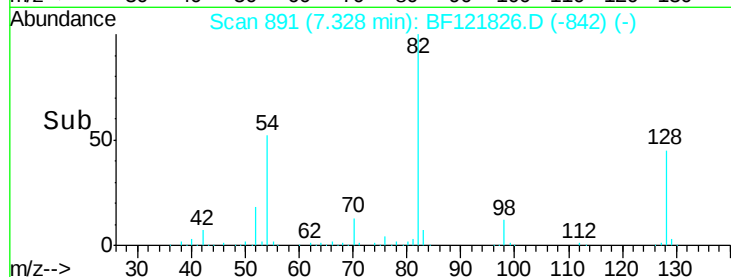
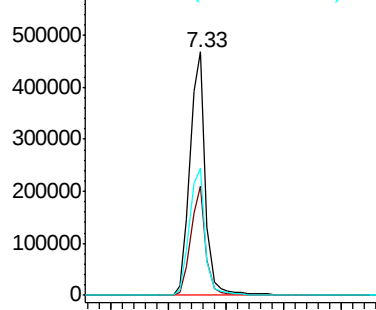
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.0	52.4
54	52.4	43.9	65.9

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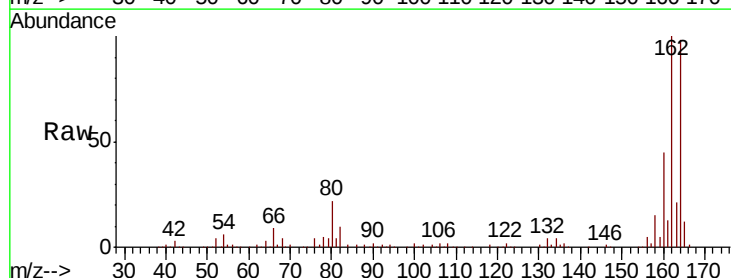


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

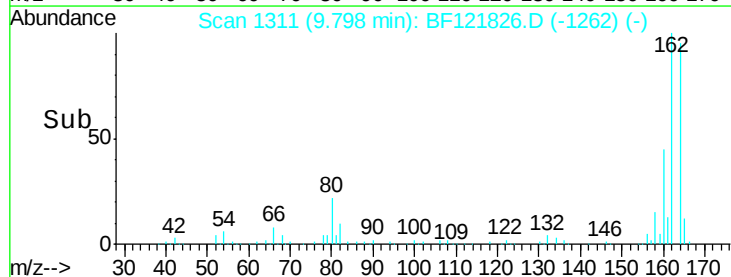
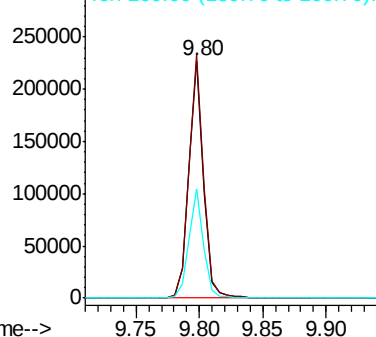


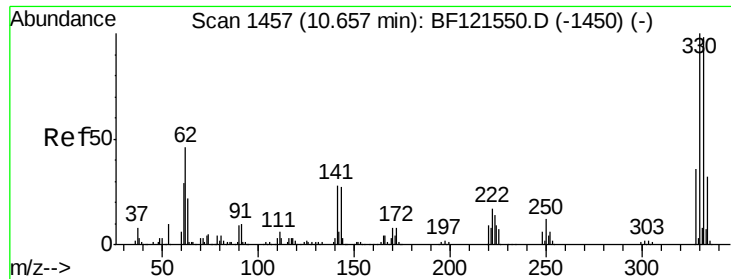
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF121826.D
Acq: 5 Oct 2020 19:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	83.2	124.8
160	45.7	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





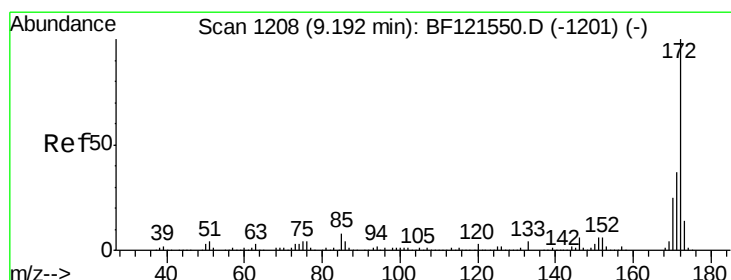
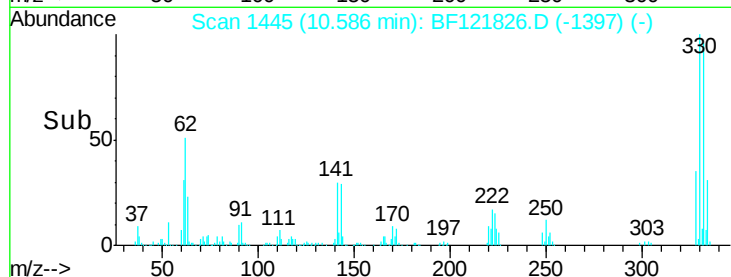
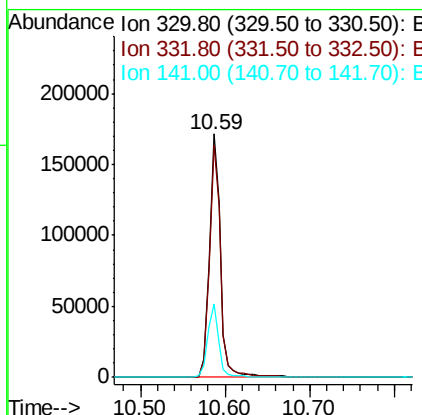
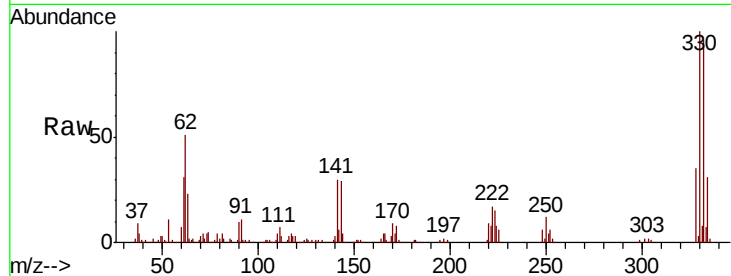
#42
 2,4,6-Tribromophenol
 Concen: 68.242 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.02 min
 Lab File: BF121826.D
 Acq: 5 Oct 2020 19:49

Instrument :
 BNA_F
 ClientSampleId :
 B-18(11-13)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.3	115.9
141	29.8	22.3	33.5

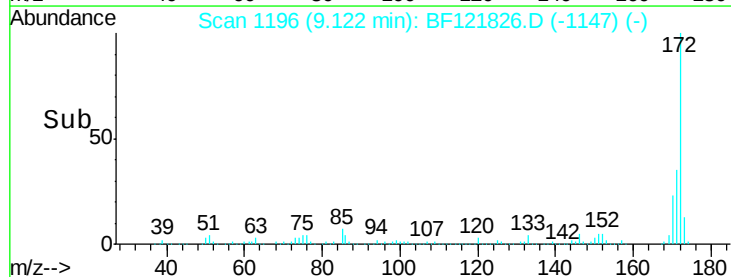
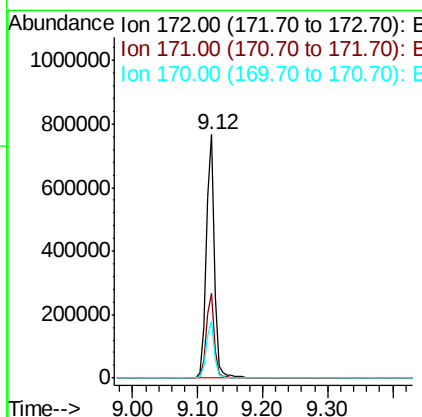
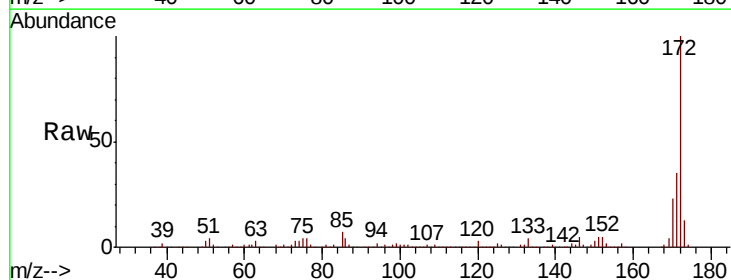
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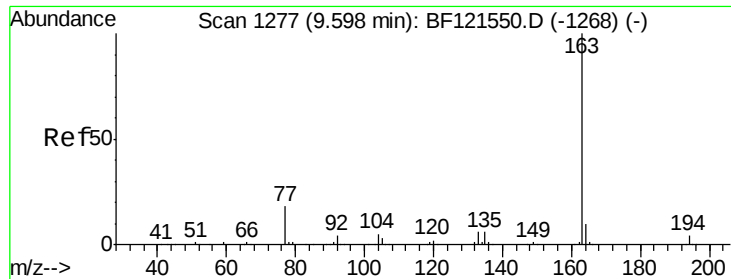
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#45
 2-Fluorobiphenyl
 Concen: 53.938 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF121826.D
 Acq: 5 Oct 2020 19:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.1	43.7
170	23.3	19.8	29.6





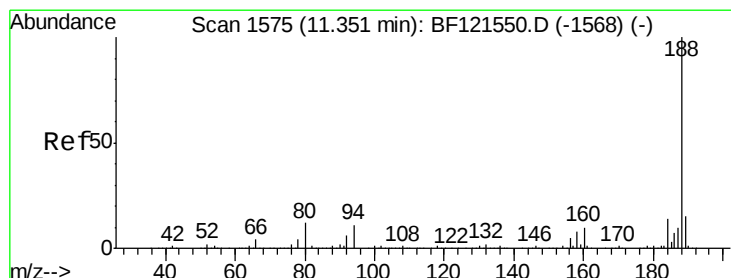
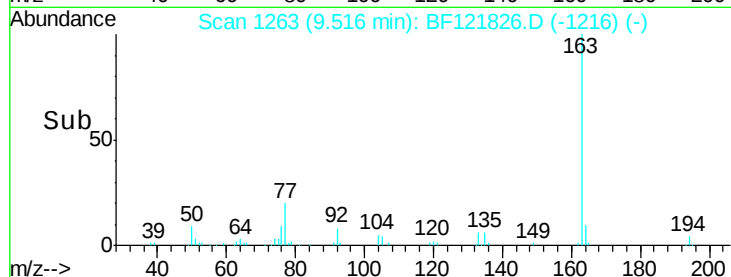
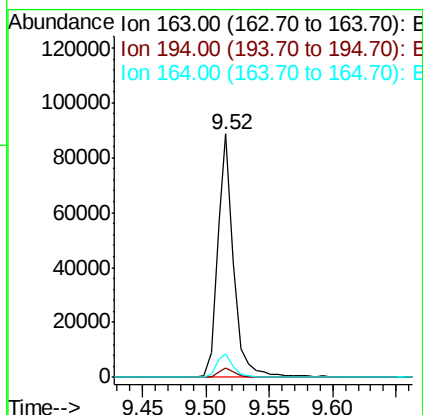
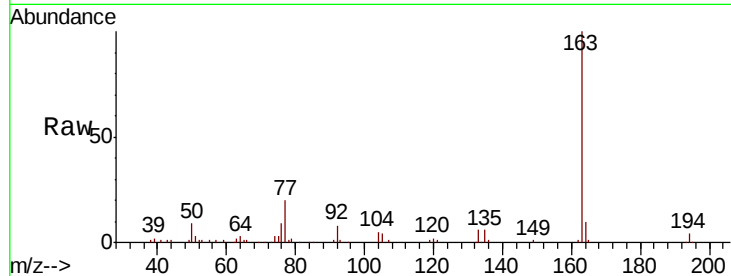
#50
Dimethylphthalate
Concen: 5.776 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF121826.D
Acq: 5 Oct 2020 19:49

Instrument :
BNA_F
ClientSampleId :
B-18(11-13)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		78360		
194	3.7		3.3	4.9	
164	9.9		8.2	12.4	

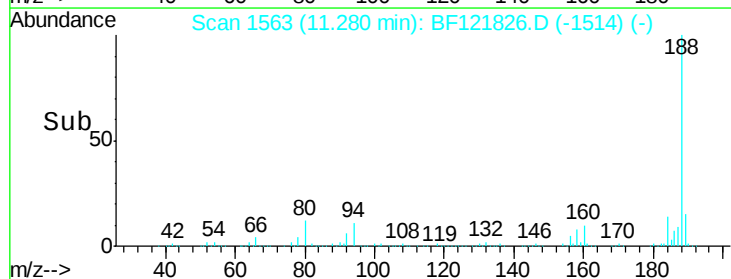
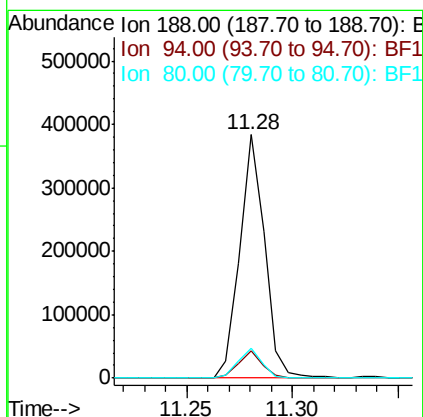
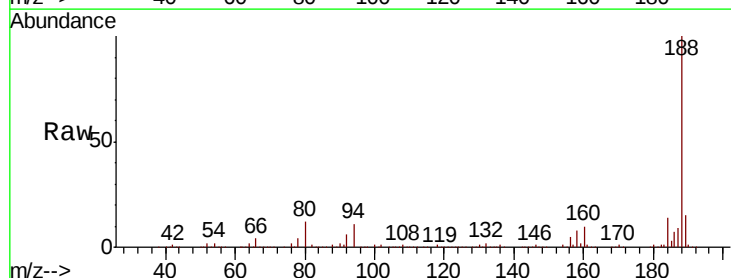
Manual Integrations
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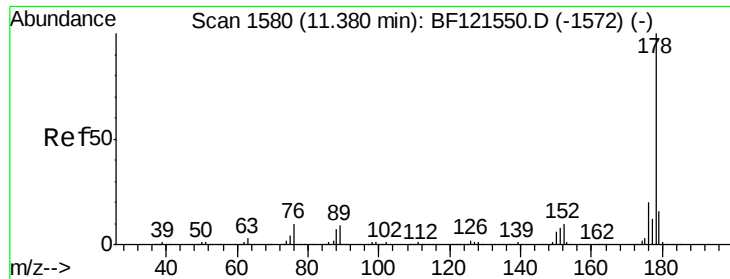
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF121826.D
Acq: 5 Oct 2020 19:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		311344		
94	11.3		8.3	12.5	
80	12.0		9.1	13.7	





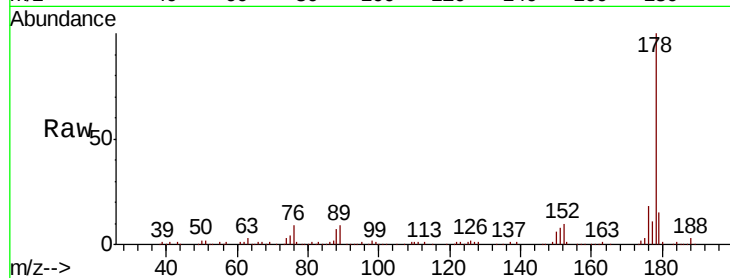
#71
Phenanthrene
Concen: 7.108 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.02 min
Lab File: BF121826.D
Acq: 5 Oct 2020 19:49

Instrument :
BNA_F
ClientSampleId :
B-18(11-13)

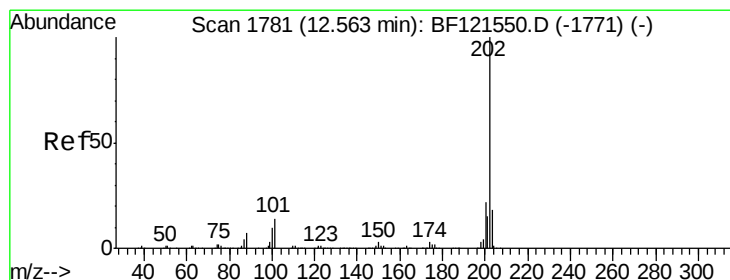
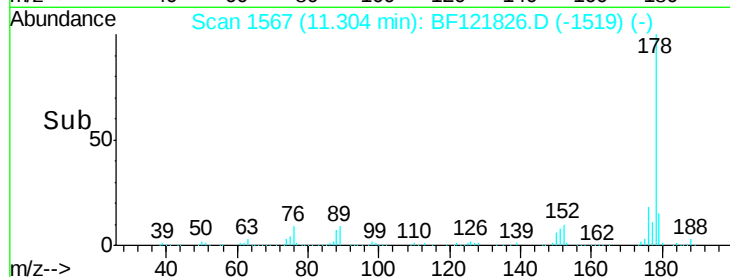
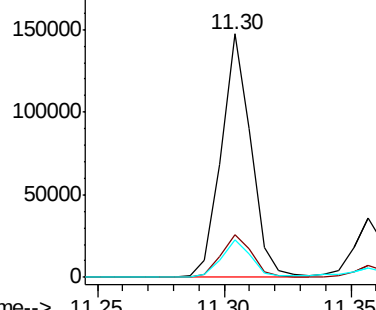
Tot Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.9	23.9
179	15.3	12.2	18.4

Manual Integrations
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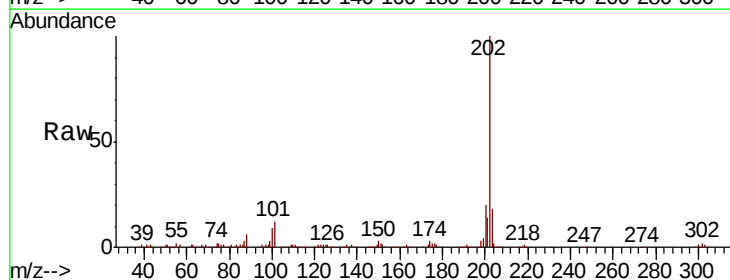


Abundance Ion 178.00 (177.70 to 178.70): E
200000
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

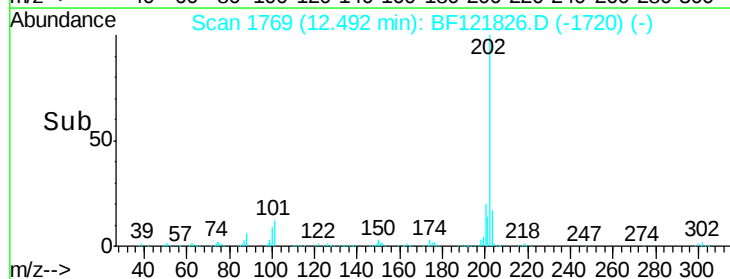
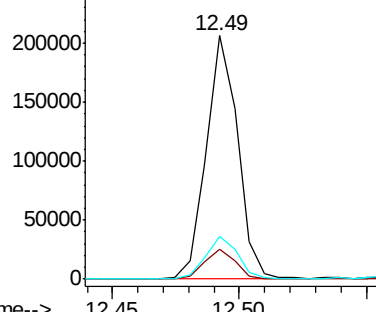


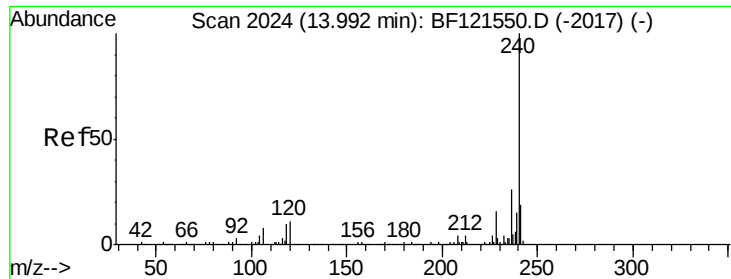
#75
Fluoranthene
Concen: 9.830 ng
RT: 12.49 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BF121826.D
Acq: 5 Oct 2020 19:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	33.4
203	17.7	0.0	37.9



Abundance Ion 202.00 (201.70 to 202.70): E
250000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





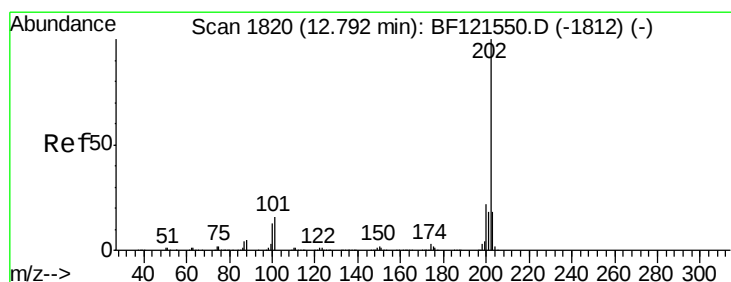
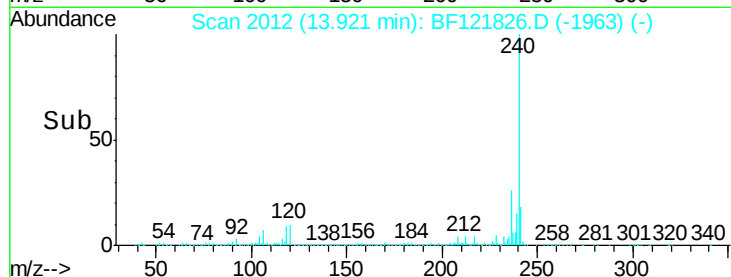
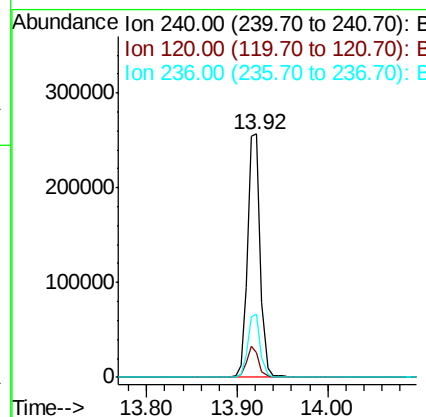
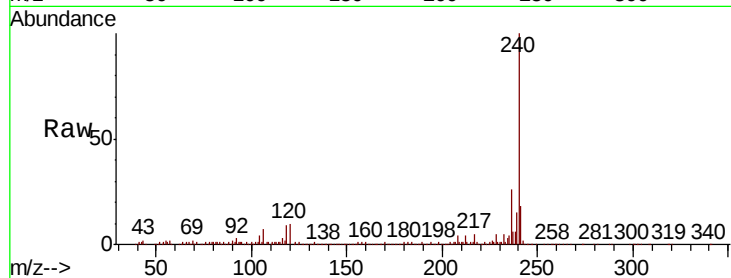
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF121826.D
Acq: 5 Oct 2020 19:49

Instrument :
BNA_F
ClientSampleId :
B-18(11-13)

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.2	13.8
236	26.0	20.9	31.3

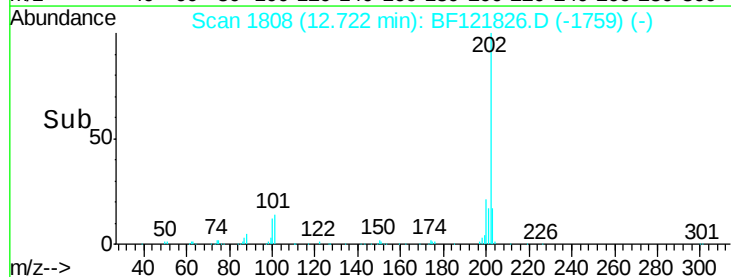
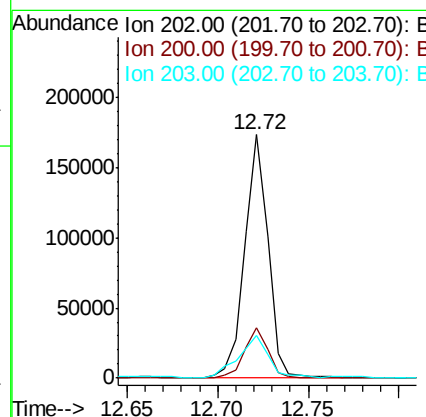
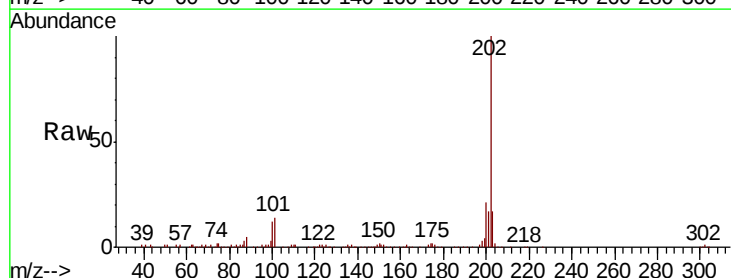
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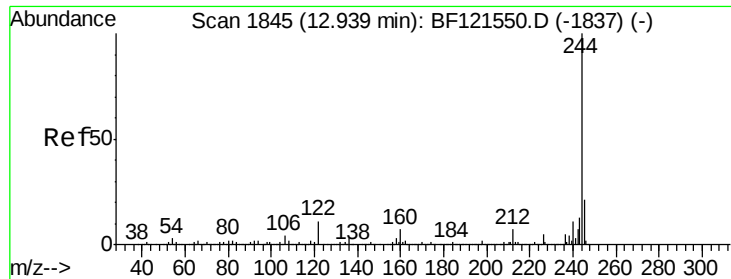
mohammad
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#78
Pyrene
Concen: 8.353 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF121826.D
Acq: 5 Oct 2020 19:49

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.5	14.6	21.8





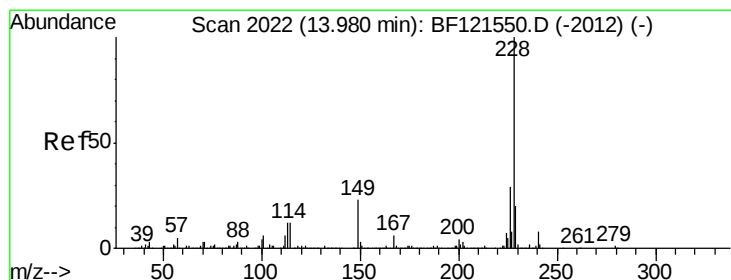
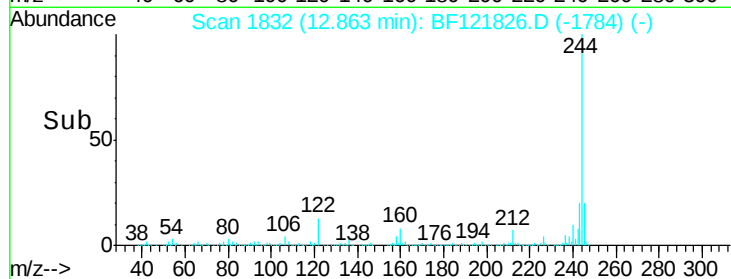
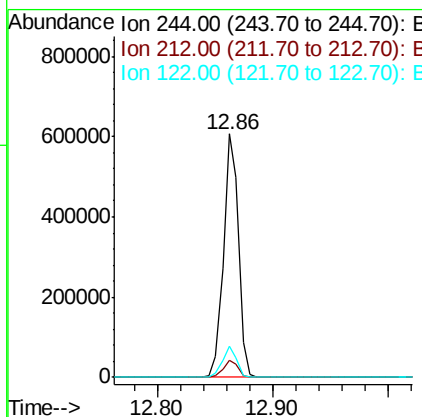
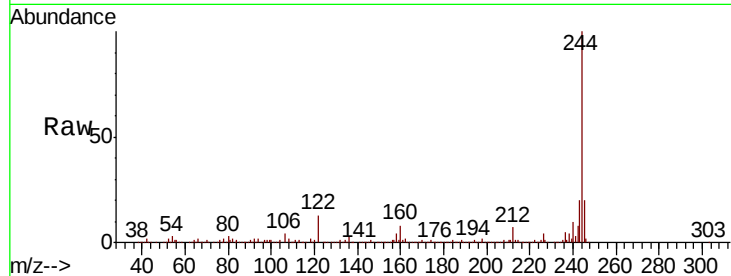
#79
 Terphenyl-d14
 Concen: 43.146 ng
 RT: 12.86 min Scan# 1832
 Delta R.T. -0.02 min
 Lab File: BF121826.D
 Acq: 5 Oct 2020 19:49

Instrument :
 BNA_F
 ClientSampleId :
 B-18(11-13)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	12.6	8.1	12.1

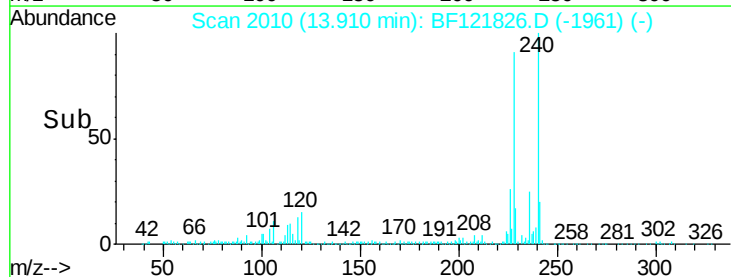
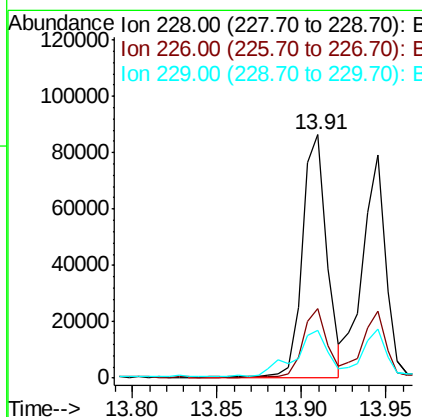
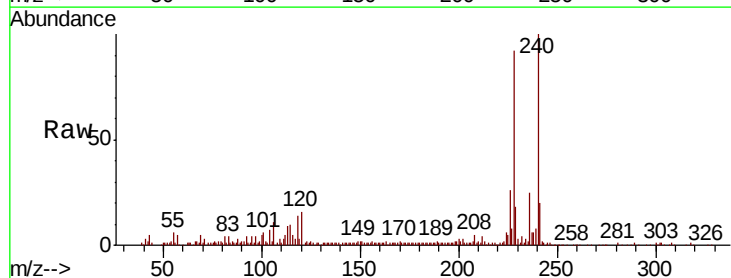
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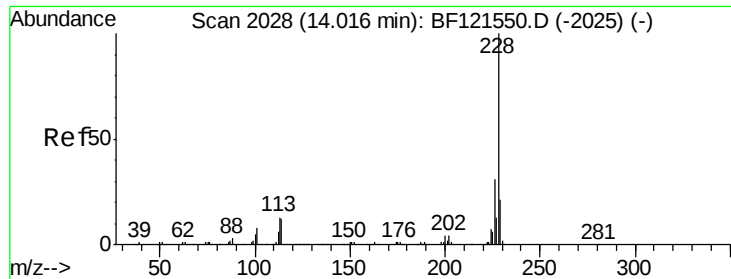
mohammad
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#81
 Benzo(a)anthracene
 Concen: 5.426 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF121826.D
 Acq: 5 Oct 2020 19:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.3	33.5
229	19.6	16.2	24.4





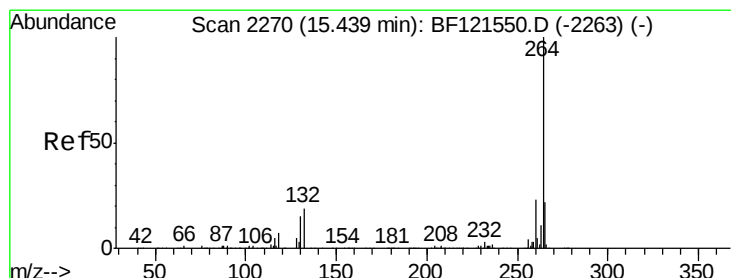
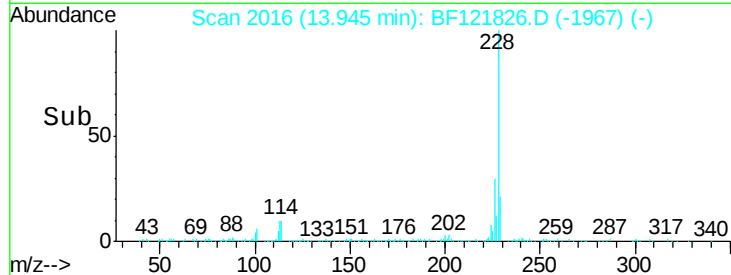
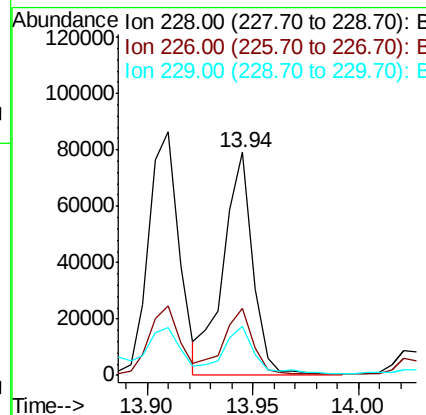
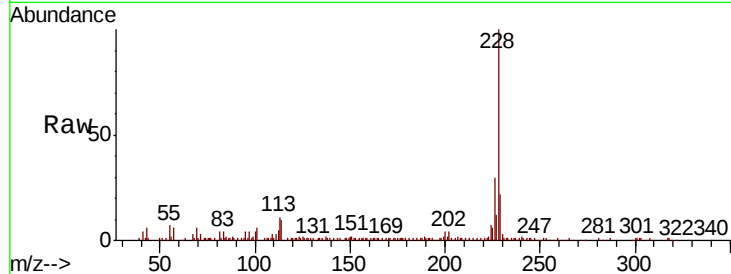
#83
Chrysene
Concen: 4.673 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF121826.D
Acq: 5 Oct 2020 19:49

Instrument :
BNA_F
ClientSampleId :
B-18(11-13)

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.6	37.0
229	22.2	15.9	23.9

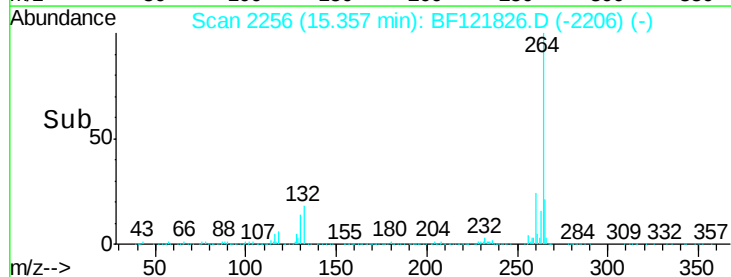
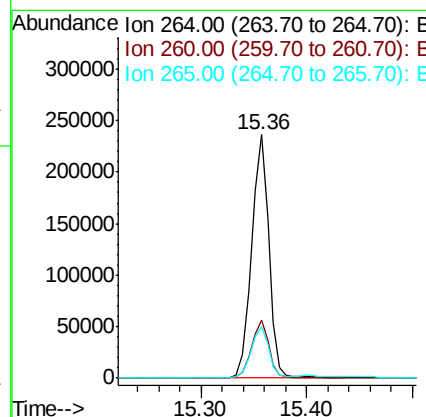
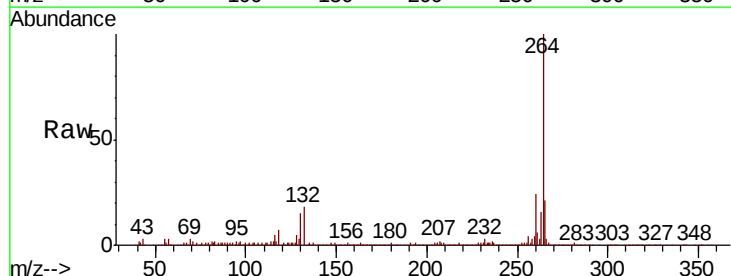
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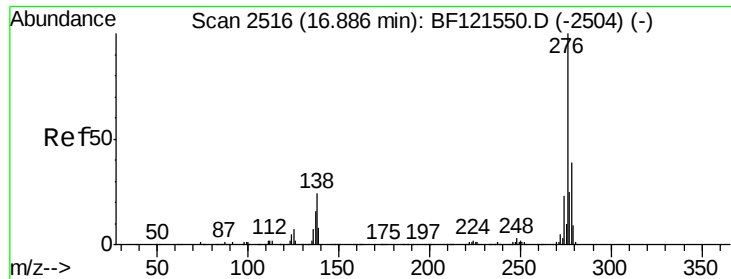
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF121826.D
Acq: 5 Oct 2020 19:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.3	17.3	25.9





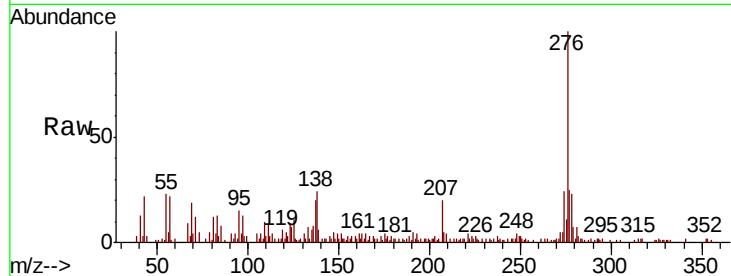
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.569 ng
 RT: 16.76 min Scan# 2495
 Delta R.T. -0.02 min
 Lab File: BF121826.D
 Acq: 5 Oct 2020 19:49

Instrument :
 BNA_F
 ClientSampleId :
 B-18(11-13)

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.1	19.9	29.9
277	24.0	20.4	30.6

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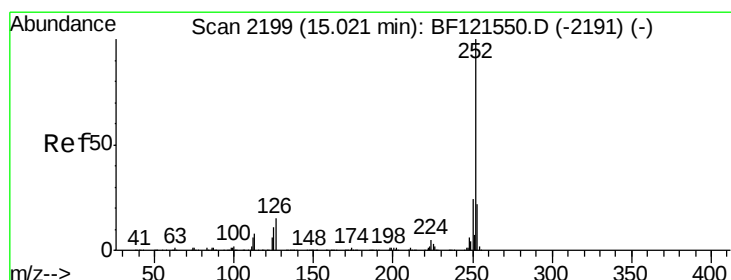
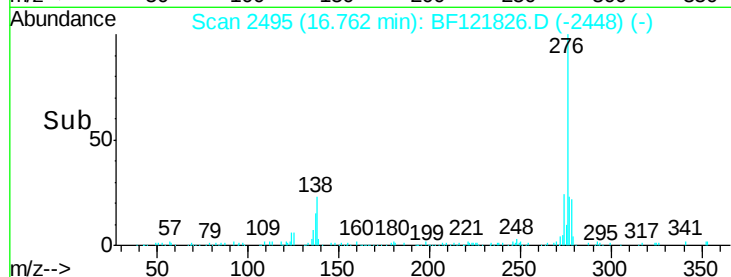
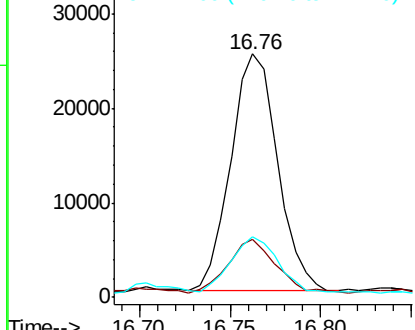


Abundance

Ion 276.00 (275.70 to 276.70): E

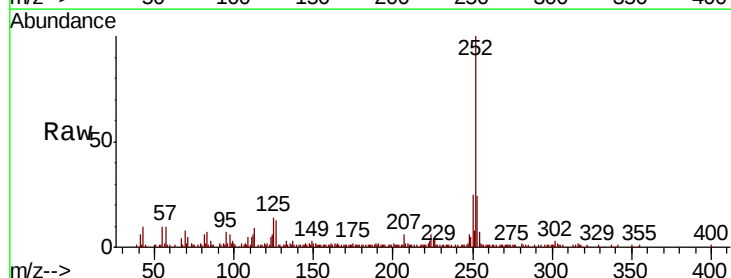
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88
 Benzo(b)fluoranthene
 Concen: 5.914 ng m
 RT: 14.94 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BF121826.D
 Acq: 5 Oct 2020 19:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.2
125	13.5	8.0	12.0

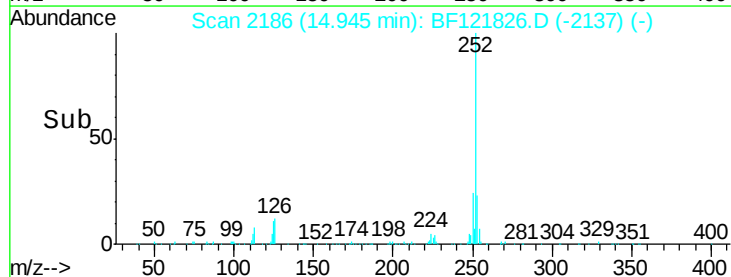
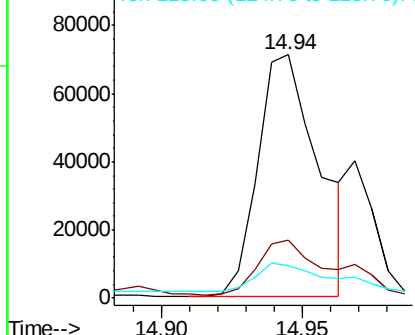


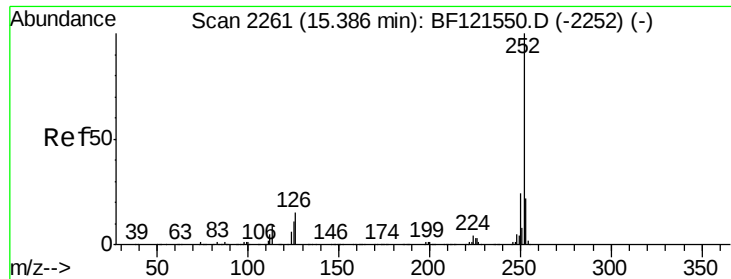
Abundance

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





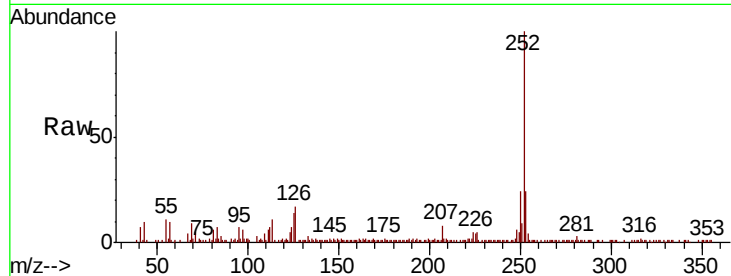
#90
Benzo(a)pyrene
Concen: 4.882 ng
RT: 15.29 min Scan# 2245
Delta R.T. -0.02 min
Lab File: BF121826.D
Acq: 5 Oct 2020 19:49

Instrument :
BNA_F
ClientSampleId :
B-18(11-13)

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.3	25.9
125	14.0	8.6	13.0

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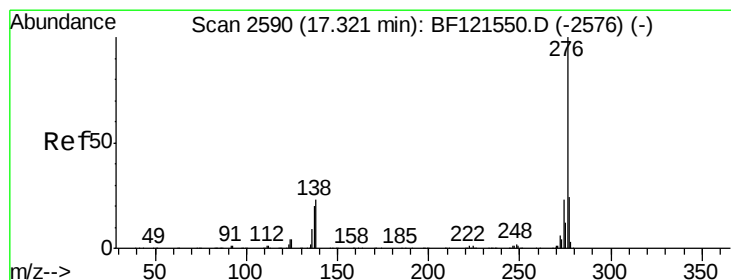
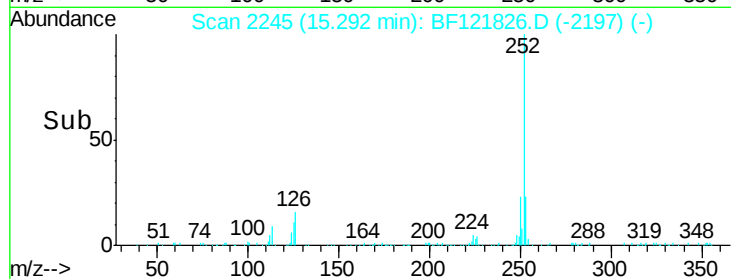
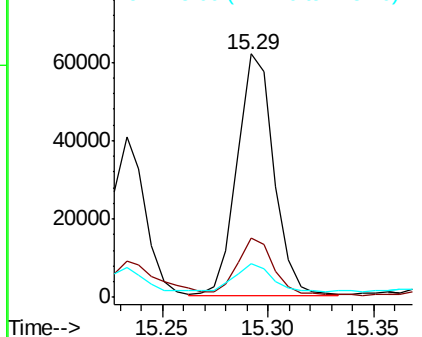


Abundance

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



#92
Benzo(g,h,i)perylene
Concen: 3.035 ng
RT: 17.19 min Scan# 2568
Delta R.T. -0.02 min
Lab File: BF121826.D
Acq: 5 Oct 2020 19:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.0	19.4	29.2
138	23.7	17.8	26.6

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

