

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100120\
 Data File : BF121767.D
 Acq On : 1 Oct 2020 15:08
 Operator : JU/CG
 Sample : L4179-02RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-9(7-9)RE

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Quant Time: Oct 01 15:57:48 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	134838	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	520466	20.00	ng	0.00
39) Acenaphthene-d10	9.80	164	258510	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	444878	20.00	ng	0.00
76) Chrysene-d12	13.93	240	295259	20.00	ng	0.00
86) Perylene-d12	15.36	264	287670	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	344185	37.93	ng	0.00
7) Phenol-d6	6.40	99	470712	39.54	ng	-0.01
23) Nitrobenzene-d5	7.33	82	317210	32.72	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	103544	32.23	ng	-0.01
45) 2-Fluorobiphenyl	9.13	172	590089	34.57	ng	0.00
79) Terphenyl-d14	12.87	244	521557	35.79	ng	-0.01

Target Compounds				Qvalue		
50) Dimethylphthalate	9.52	163	80441	4.293	ng	100
71) Phenanthrene	11.31	178	230617	9.514	ng	99
72) Anthracene	11.36	178	51845	2.073	ng	98
75) Fluoranthene	12.50	202	320349	12.381	ng	99
78) Pyrene	12.73	202	277701	12.873	ng	99
81) Benzo(a)anthracene	13.92	228	128084	6.857	ng	97
83) Chrysene	13.95	228	116619	6.165	ng	97
87) Indeno(1,2,3-cd)pyrene	16.77	276	79968	4.269	ng	97
88) Benzo(b)fluoranthene	14.95	252	156984m	8.163	ng	
89) Benzo(k)fluoranthene	14.97	252	43632m	2.478	ng	
90) Benzo(a)pyrene	15.30	252	108604	6.644	ng	94
92) Benzo(a,h,i)perylene	17.20	276	81764	5.334	ng	97

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

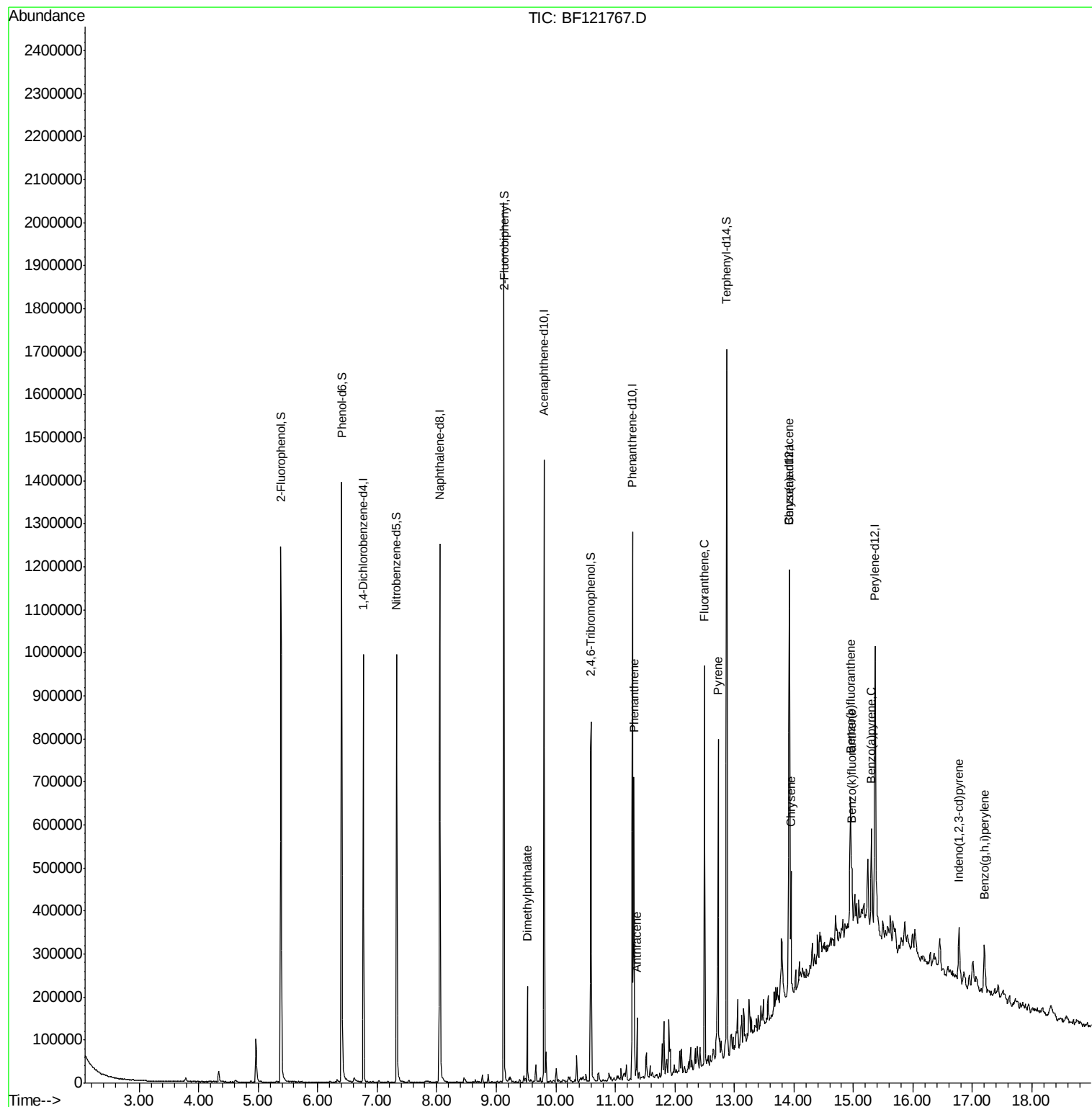
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100120\
Data File : BF121767.D
Acq On : 1 Oct 2020 15:08
Operator : JU/CG
Sample : L4179-02RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

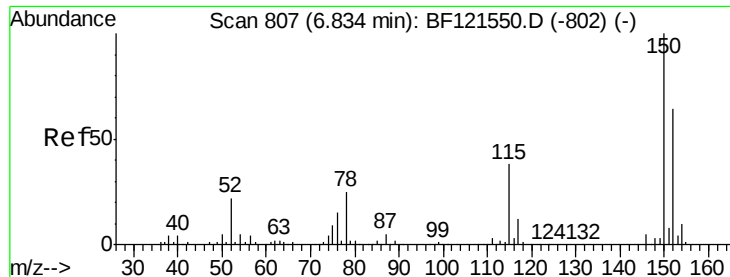
Instrument :
BNA_F
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B-9(7-9)RE

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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

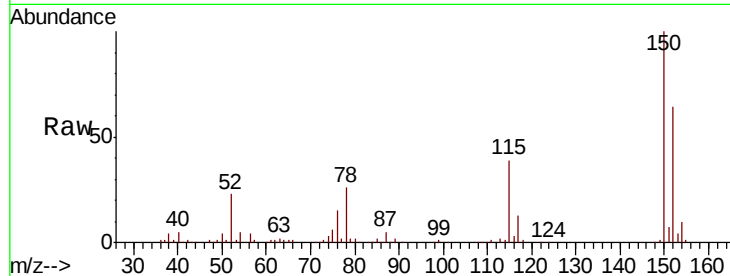
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF121767.D
Acq: 1 Oct 2020 15:08

Instrument :
BNA_F
ClientSampleId :
B-9(7-9)RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.3	187.9
115	61.1	51.9	77.9

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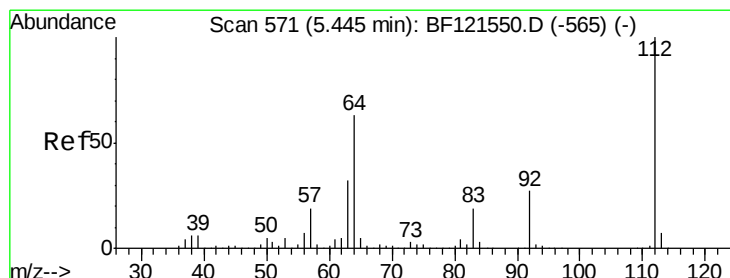
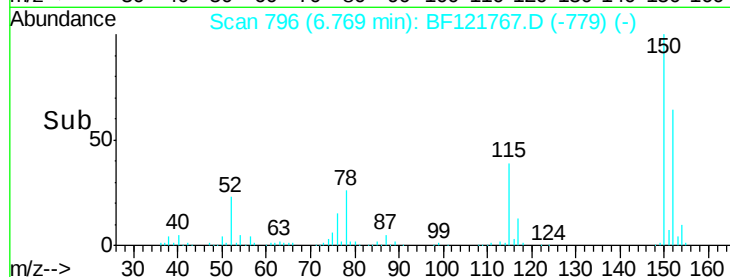
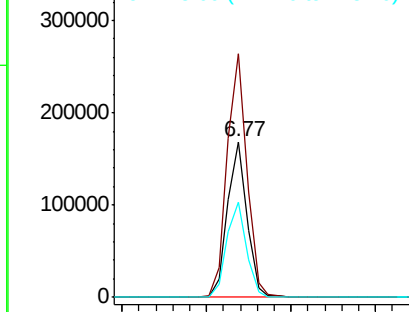


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

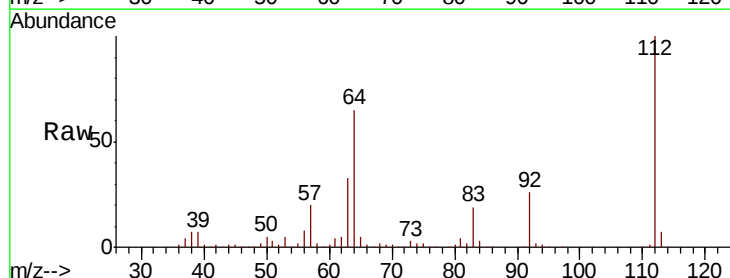
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 37.935 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF121767.D
Acq: 1 Oct 2020 15:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.8	50.4	75.6
63	32.5	25.8	38.6

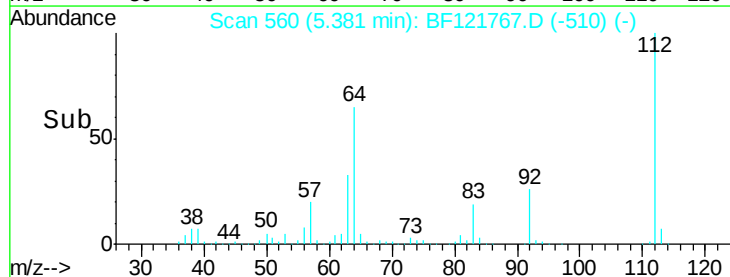
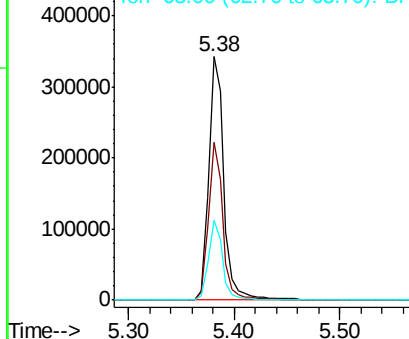


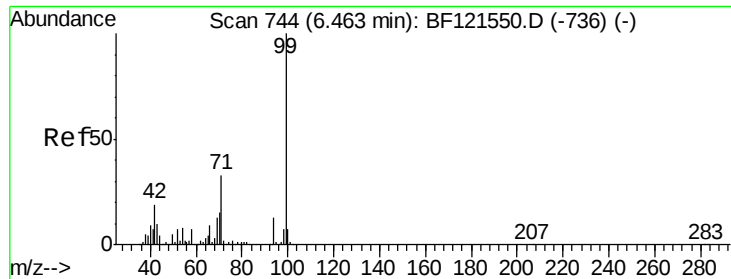
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 39.544 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF121767.D

Acq: 1 Oct 2020 15:08

Instrument :

BNA_F

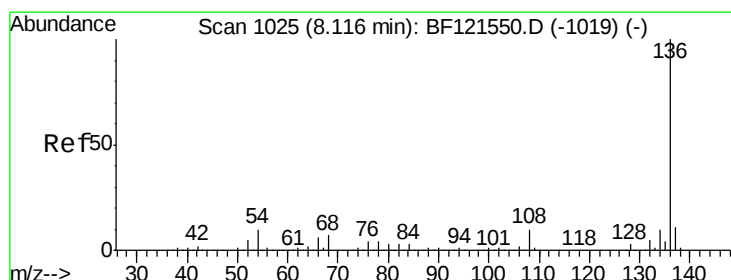
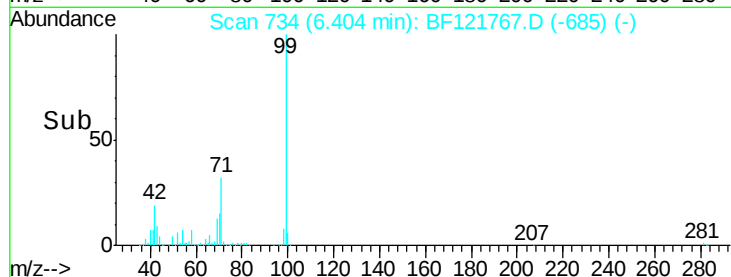
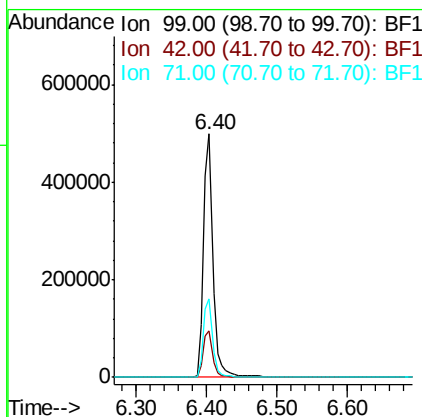
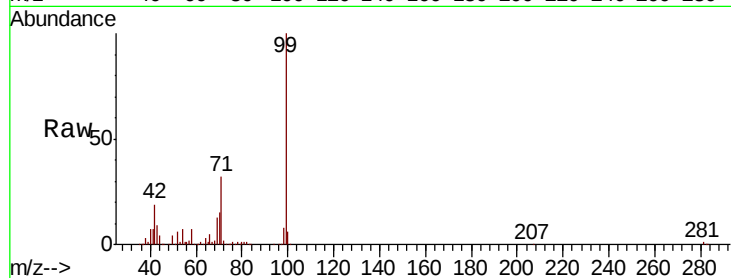
ClientSampleId :

B-9(7-9)RE

Tot Ion:	99	Resp:	470712
Ion Ratio	Lower	Upper	
99	100		
42	19.0	15.9	23.9
71	32.2	27.1	40.7

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#21

Naphthalene-d8

Concen: 20.000 ng

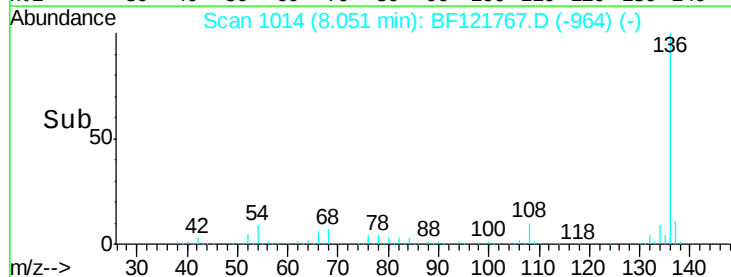
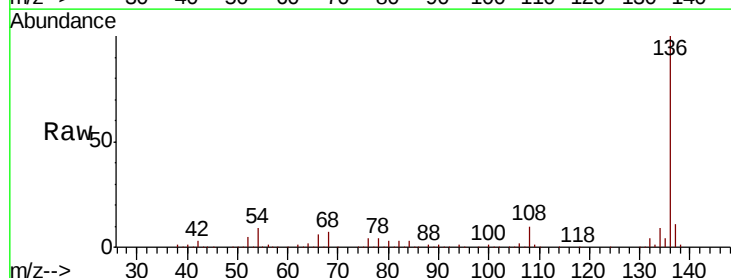
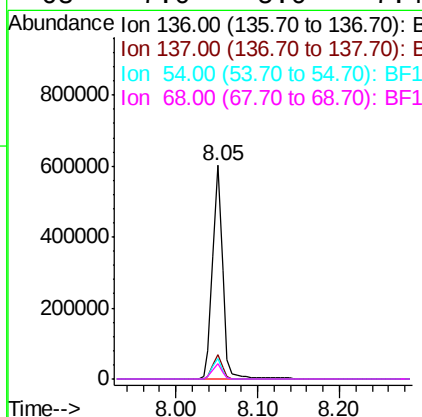
RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF121767.D

Acq: 1 Oct 2020 15:08

Tgt Ion:	136	Resp:	520466
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.6	13.0
54	9.4	7.1	10.7
68	7.0	5.0	7.4





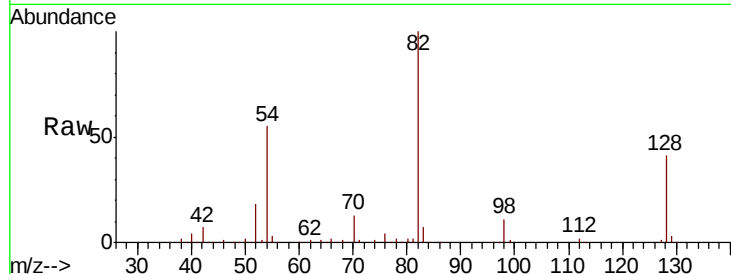
#23
Nitrobenzene-d5
Concen: 32.724 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121767.D
Acq: 1 Oct 2020 15:08

Instrument :
BNA_F
ClientSampled :
B-9(7-9)RE

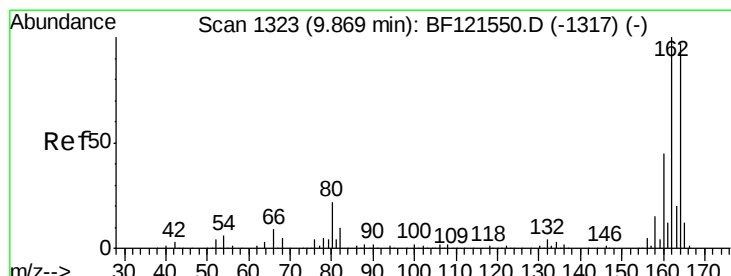
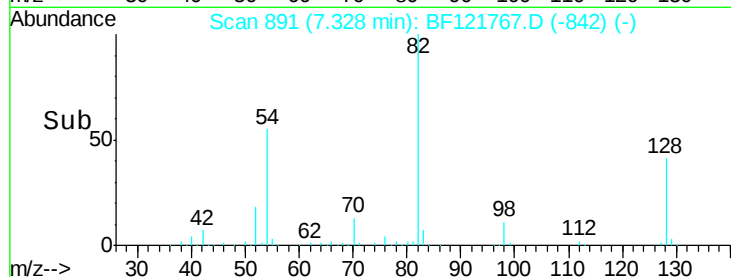
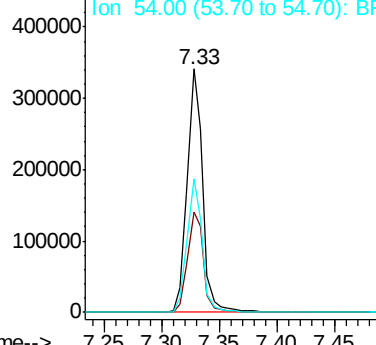
Tot Ion	82	Resp	317210
Ion Ratio	100	Lower	Upper
128	41.1	35.0	52.4
54	54.9	43.9	65.9

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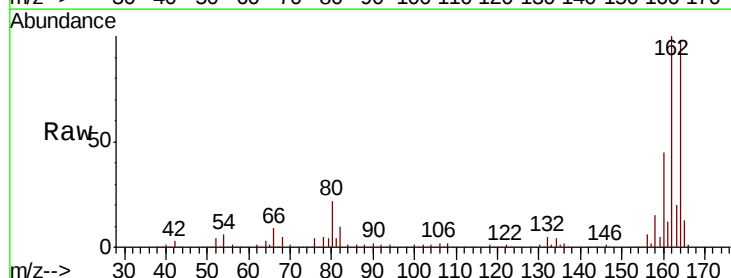


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

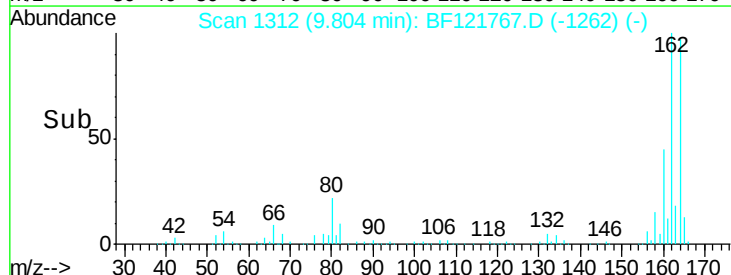
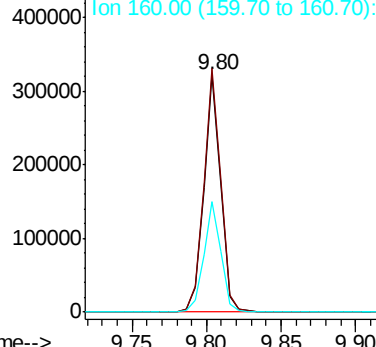


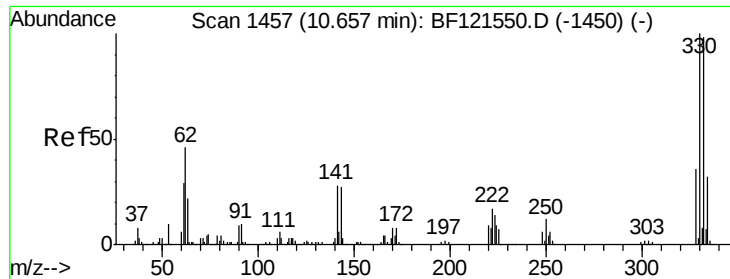
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF121767.D
Acq: 1 Oct 2020 15:08

Tgt Ion	164	Resp	258510
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	102.5	83.2	124.8
160	46.5	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: 32.227 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF121767.D

Acq: 1 Oct 2020 15:08

Instrument :

BNA_F

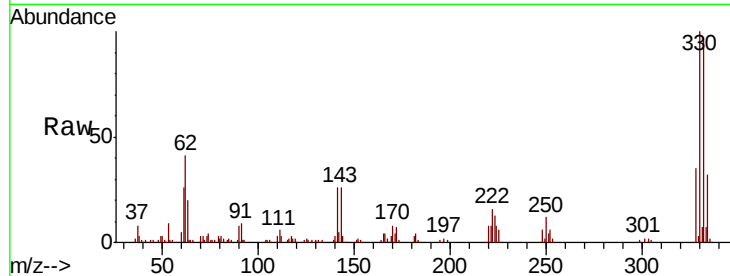
ClientSampleId :

B-9(7-9)RE

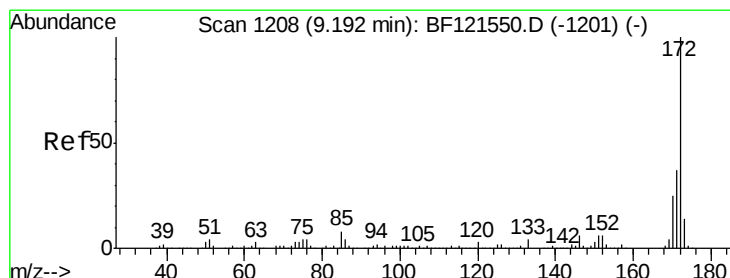
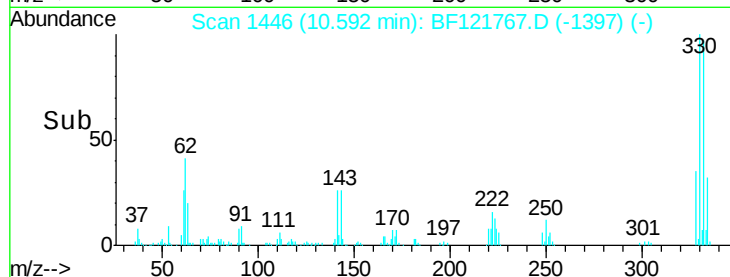
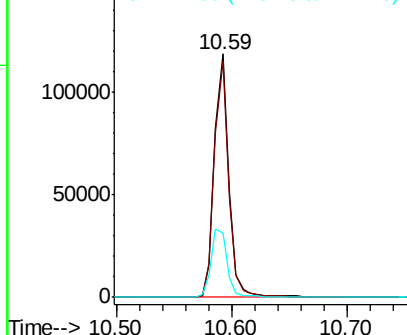
Tot Ion:	330	Resp:	103544
Ion Ratio	Lower	Upper	
330	100		
332	96.8	77.3	115.9
141	31.2	22.3	33.5

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 34.572 ng

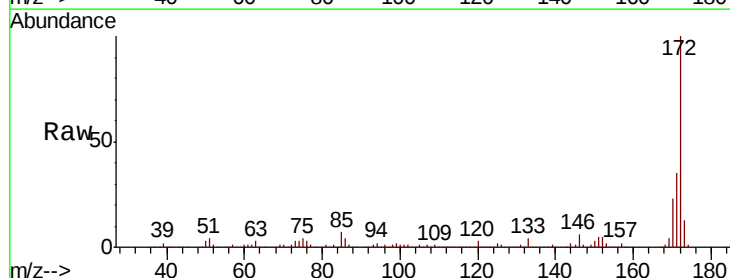
RT: 9.13 min Scan# 1197

Delta R.T. -0.01 min

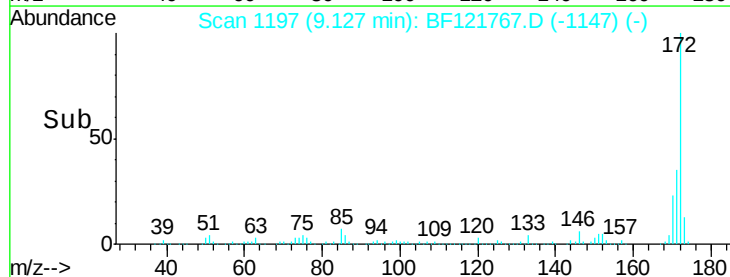
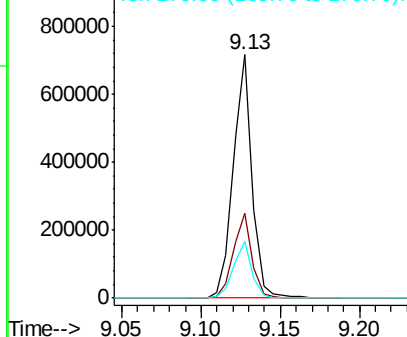
Lab File: BF121767.D

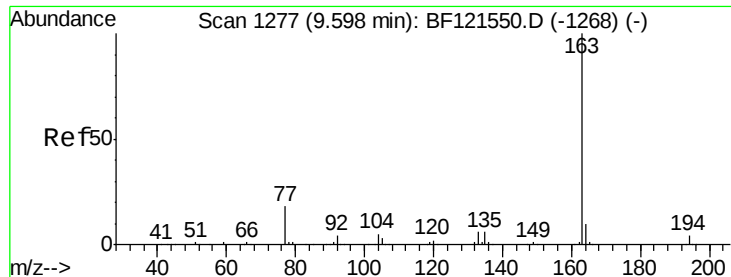
Acq: 1 Oct 2020 15:08

Tgt Ion:	172	Resp:	590089
Ion Ratio	Lower	Upper	
172	100		
171	34.8	29.1	43.7
170	23.4	19.8	29.6



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





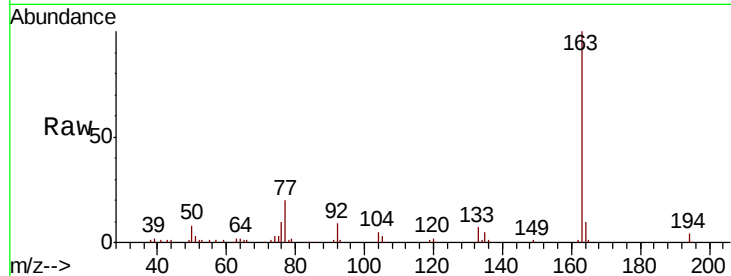
#50
Dimethylphthalate
Concen: 4.293 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF121767.D
Acq: 1 Oct 2020 15:08

Instrument :
BNA_F
ClientSampled :
B-9(7-9)RE

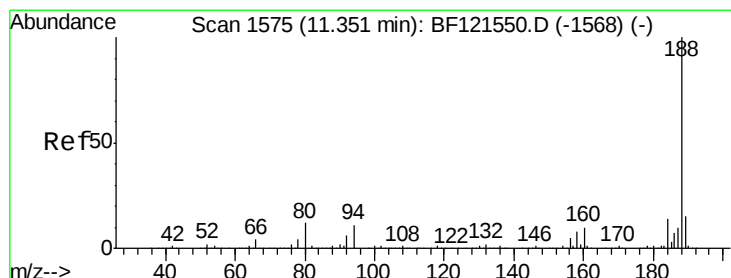
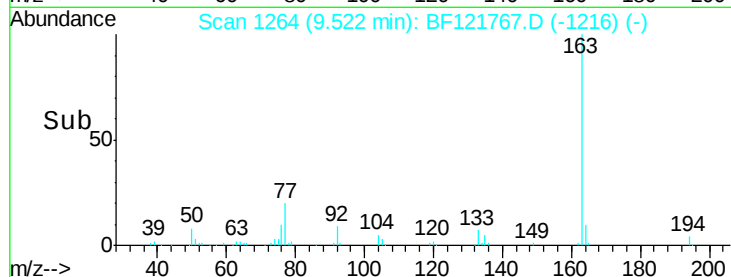
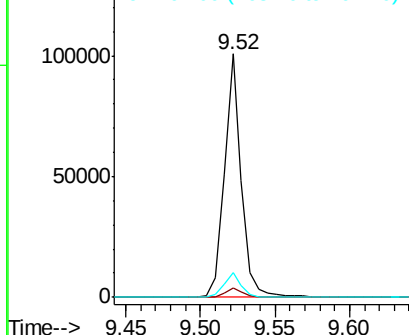
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.2	8.2	12.4

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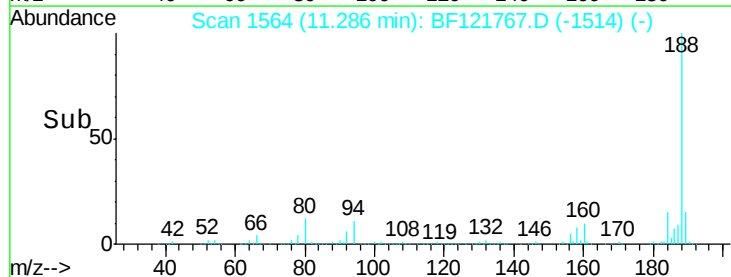
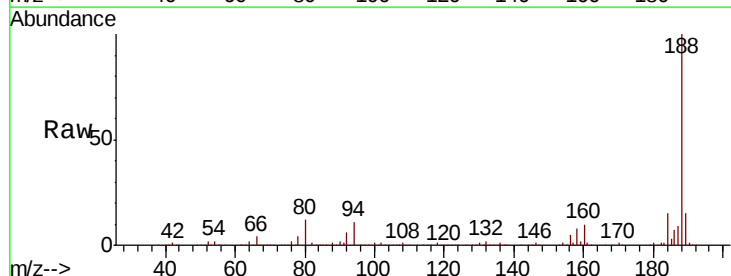
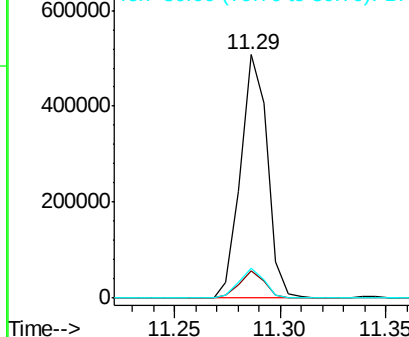
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

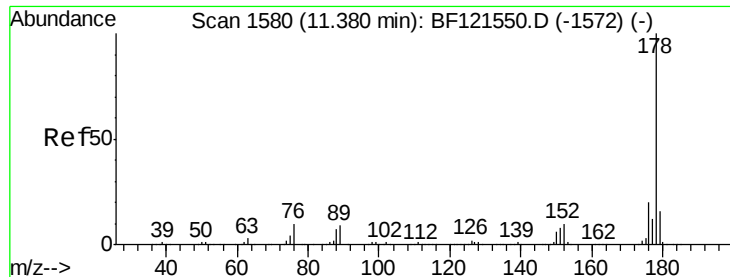


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF121767.D
Acq: 1 Oct 2020 15:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.3	12.5
80	12.3	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





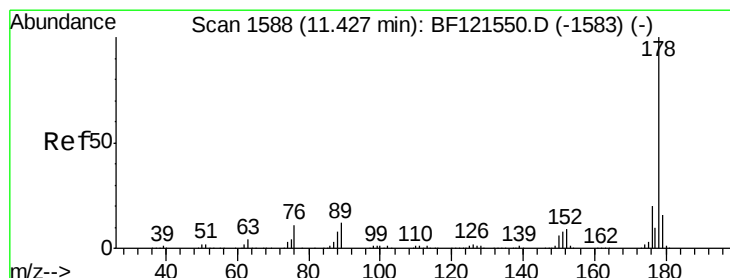
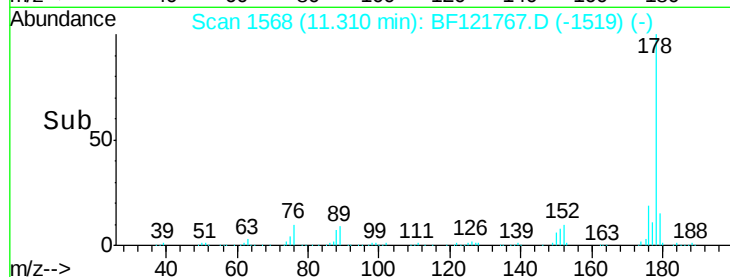
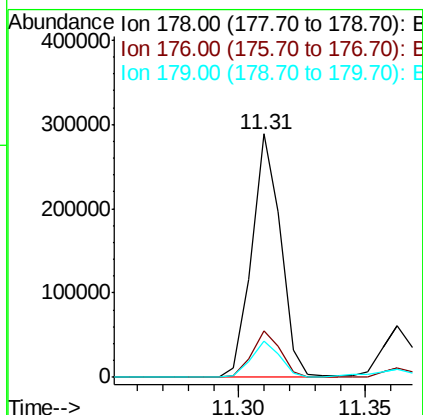
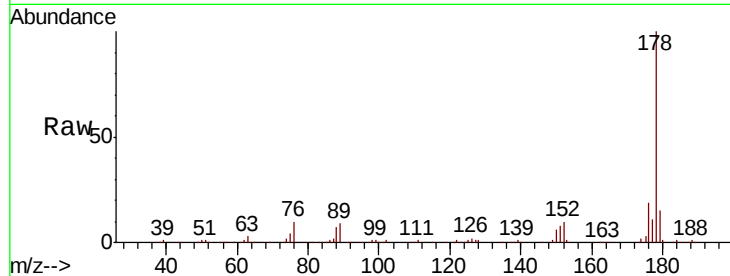
#71
Phenanthrene
Concen: 9.514 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF121767.D
Acq: 1 Oct 2020 15:08

Instrument :
BNA_F
ClientSampleId :
B-9(7-9)RE

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.9	23.9
179	15.1	12.2	18.4

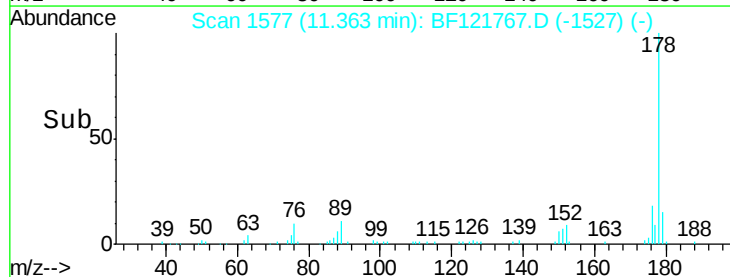
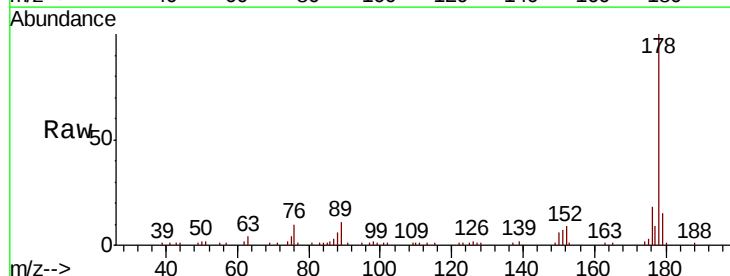
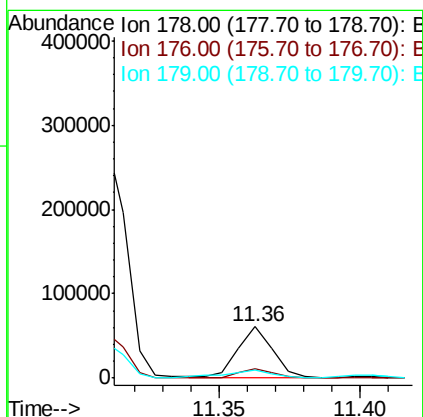
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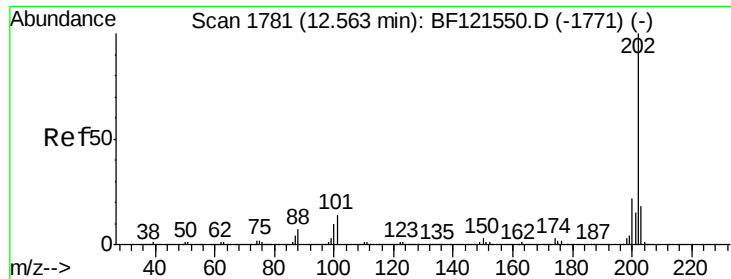
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#72
Anthracene
Concen: 2.073 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF121767.D
Acq: 1 Oct 2020 15:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.7	23.5
179	15.2	12.7	19.1





#75

Fluoranthene

Concen: 12.381 ng

RT: 12.50 min Scan# 1770

Delta R.T. -0.01 min

Lab File: BF121767.D

Acq: 1 Oct 2020 15:08

Instrument :

BNA_F

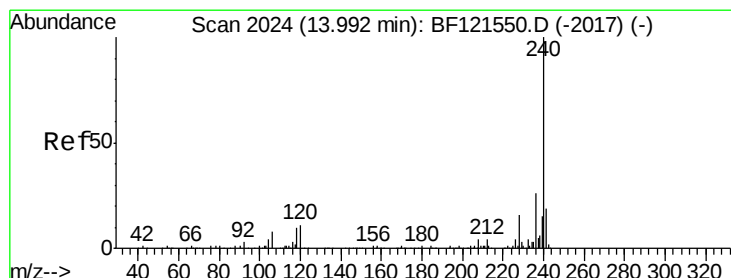
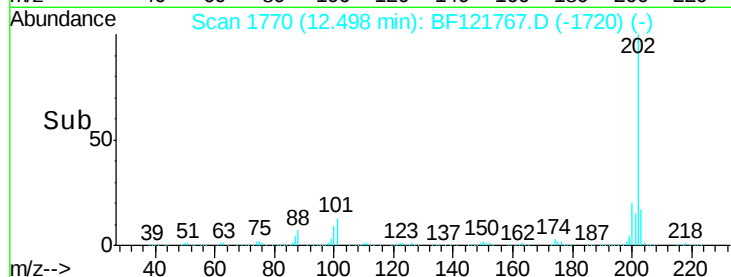
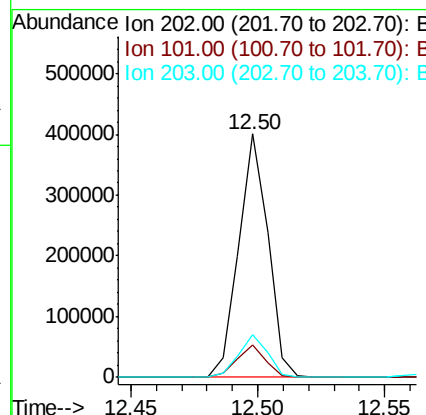
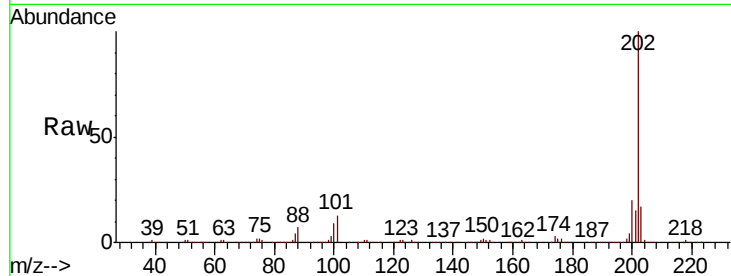
ClientSampleId :

B-9(7-9)RE

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.1	0.0	33.4
203	17.4	0.0	37.9

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#76

Chrysene-d12

Concen: 20.000 ng

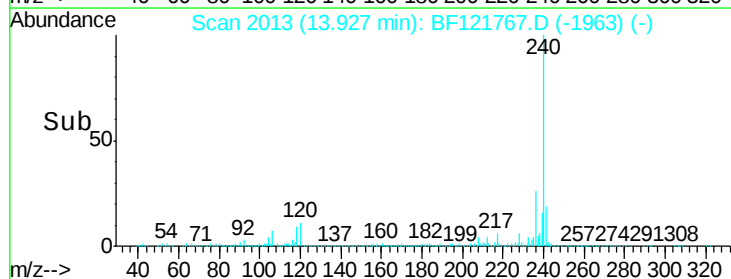
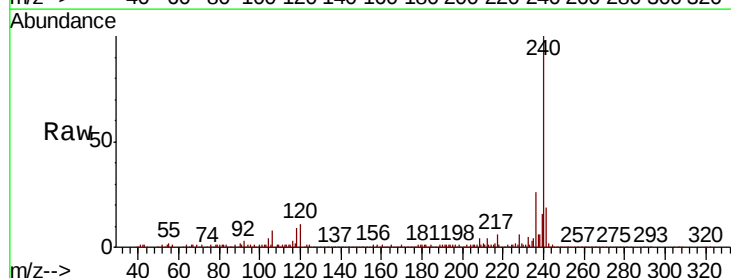
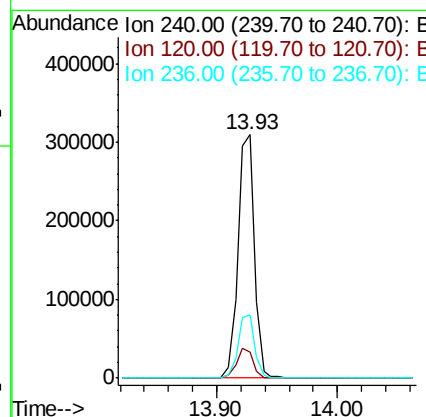
RT: 13.93 min Scan# 2013

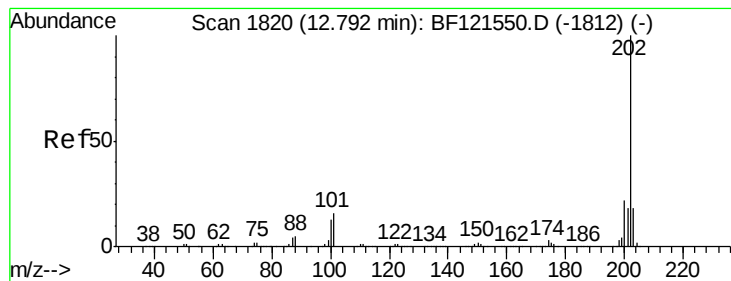
Delta R.T. -0.01 min

Lab File: BF121767.D

Acq: 1 Oct 2020 15:08

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.8	9.2	13.8
236	26.0	20.9	31.3





#78

Pvrene

Concen: 12.873 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF121767.D

Acq: 1 Oct 2020 15:08

Instrument :

BNA_F

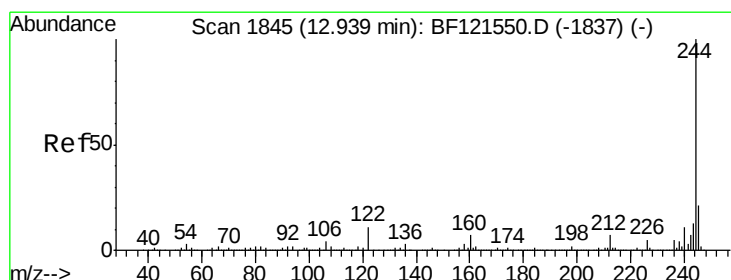
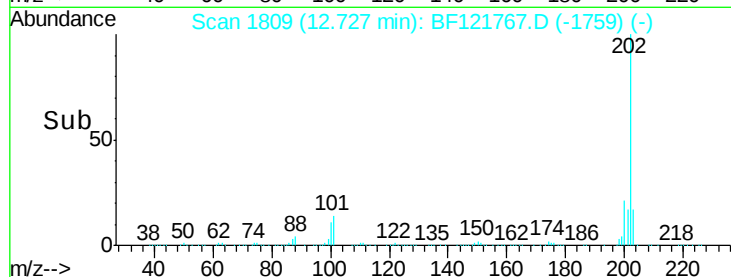
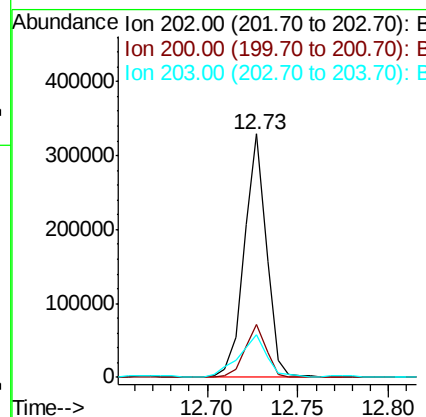
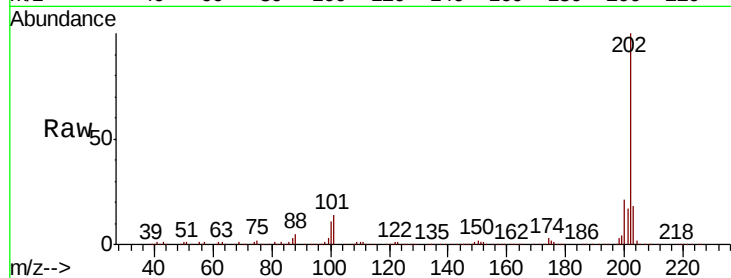
ClientSampleId :

B-9(7-9)RE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		277701		
200	21.5	17.4	26.2		
203	17.5	14.6	21.8		

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#79

Terphenyl-d14

Concen: 35.786 ng

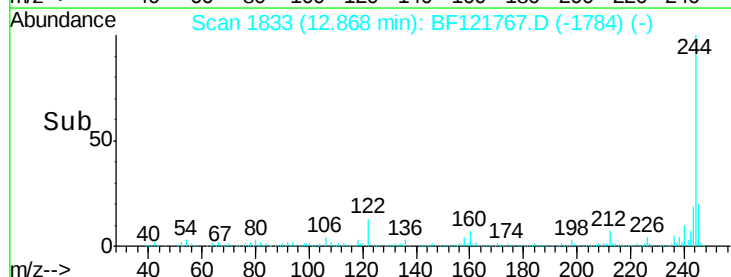
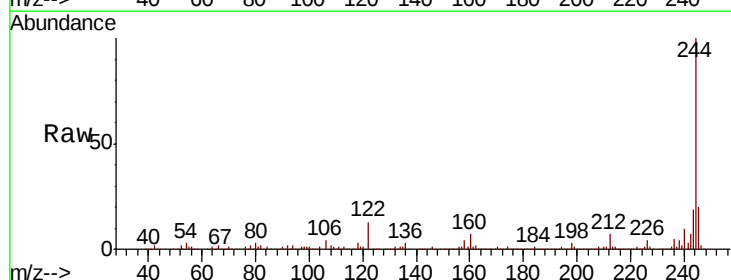
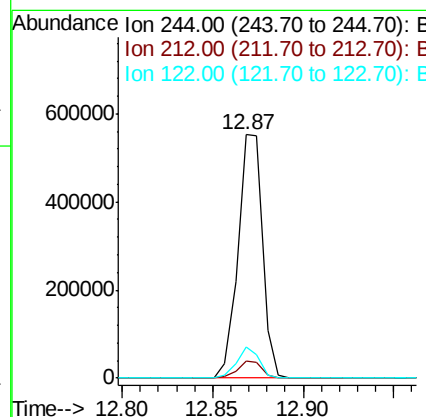
RT: 12.87 min Scan# 1833

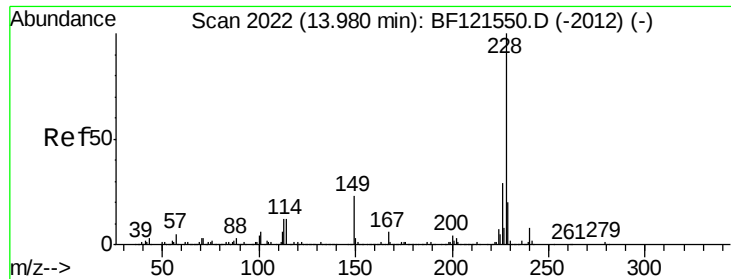
Delta R.T. -0.01 min

Lab File: BF121767.D

Acq: 1 Oct 2020 15:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100		521557		
212	6.9	5.4	8.2		
122	13.0	8.1	12.1#		





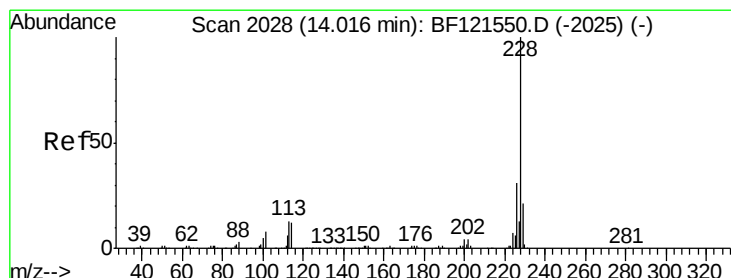
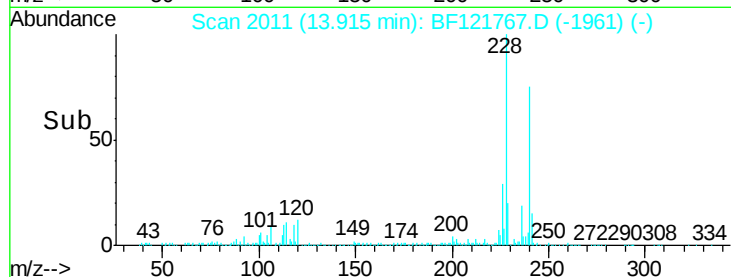
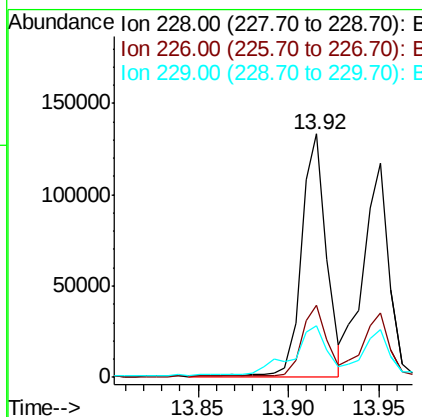
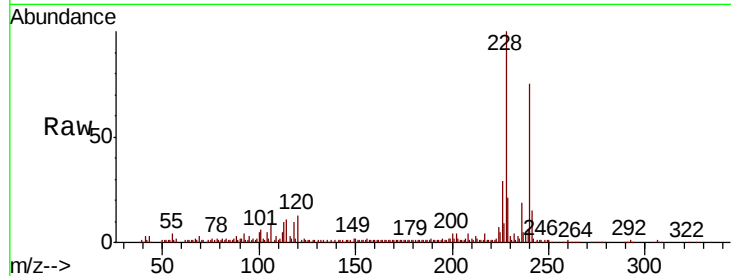
#81
Benzo(a)anthracene
Concen: 6.857 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF121767.D
Acq: 1 Oct 2020 15:08

Instrument :
BNA_F
ClientSampleId :
B-9(7-9)RE

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.3	33.5
229	21.2	16.2	24.4

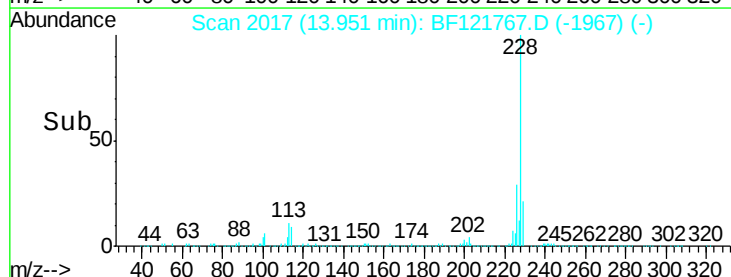
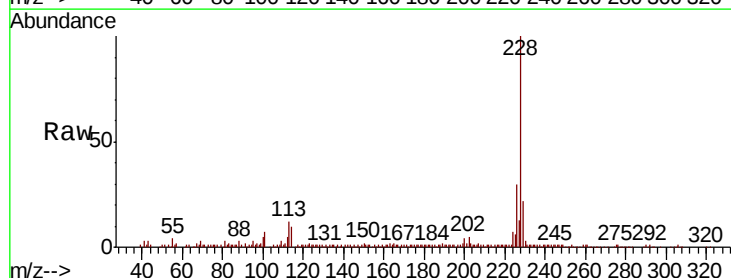
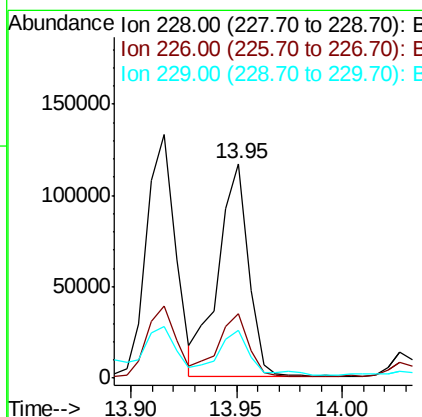
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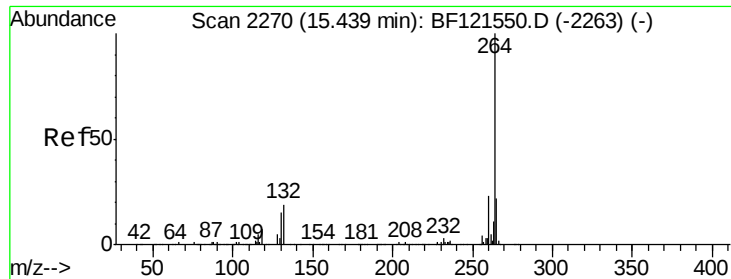
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#83
Chrysene
Concen: 6.165 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF121767.D
Acq: 1 Oct 2020 15:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.6	37.0
229	22.1	15.9	23.9





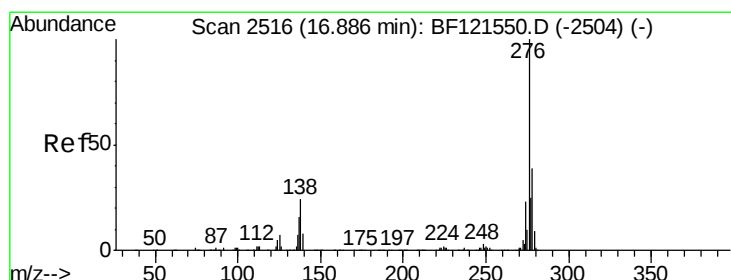
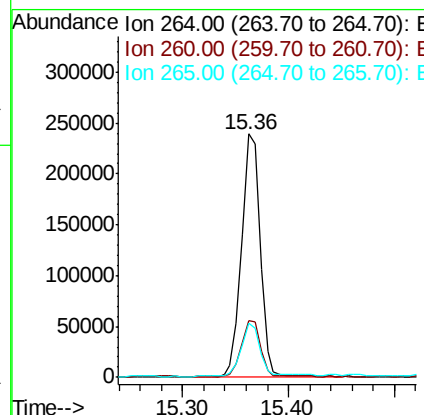
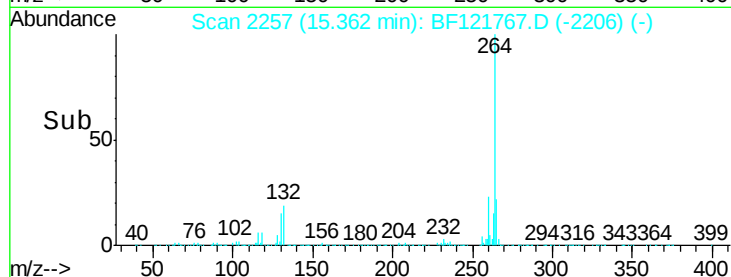
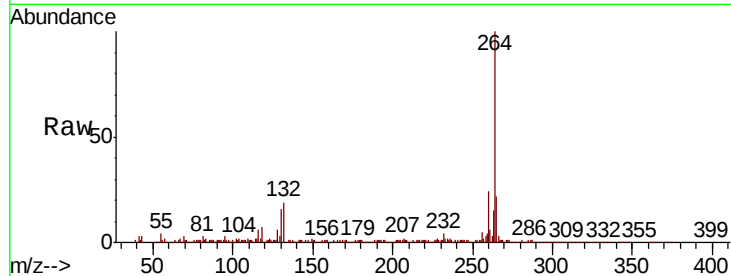
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF121767.D
Acq: 1 Oct 2020 15:08

Instrument :
BNA_F
ClientSampleId :
B-9(7-9)RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	22.0	17.3	25.9

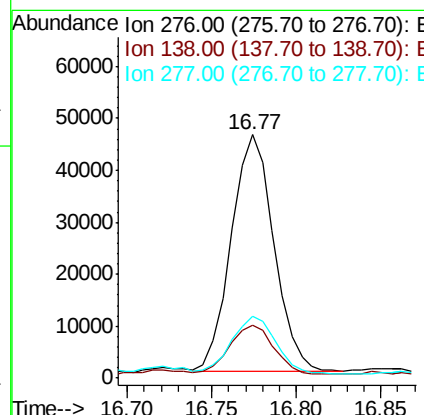
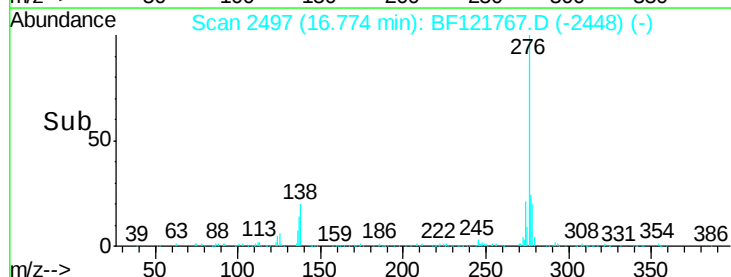
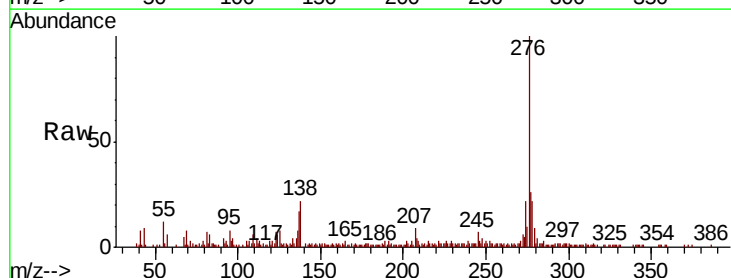
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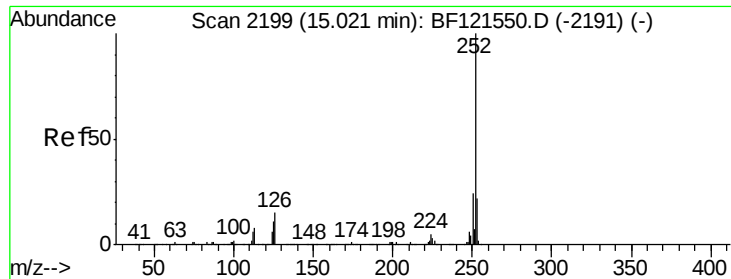
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#87
Indeno(1,2,3-cd)pyrene
Concen: 4.269 ng
RT: 16.77 min Scan# 2497
Delta R.T. -0.01 min
Lab File: BF121767.D
Acq: 1 Oct 2020 15:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.9	19.9	29.9
277	26.0	20.4	30.6





#88

Benzo(b)fluoranthene

Concen: 8.163 ng m

RT: 14.95 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BF121767.D

Acq: 1 Oct 2020 15:08

Instrument :

BNA_F

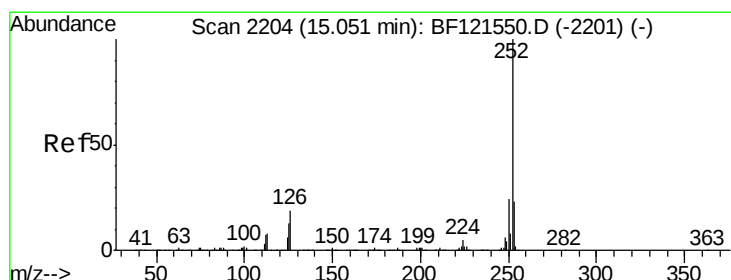
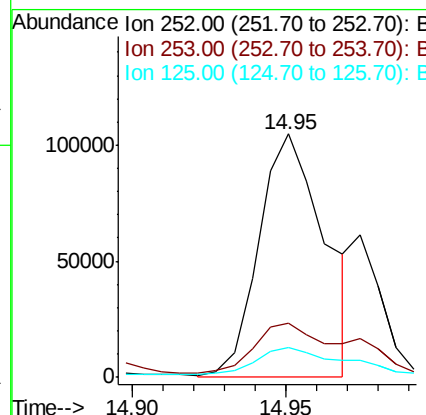
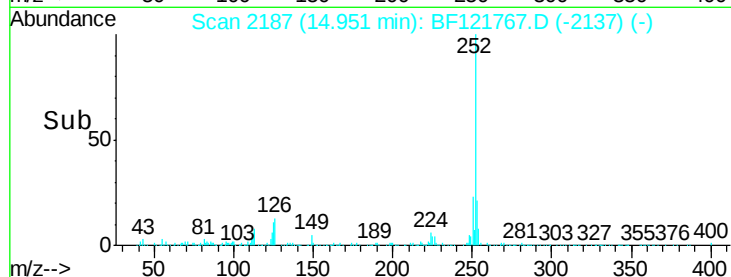
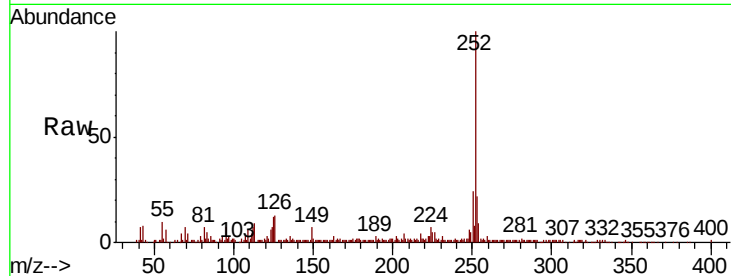
ClientSampleId :

B-9(7-9)RE

Tot Ion:	252	Resp:	156984
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.2	27.2
125	12.5	8.0	12.0#

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#89

Benzo(k)fluoranthene

Concen: 2.478 ng m

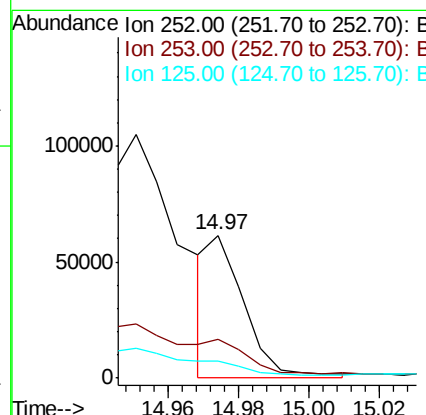
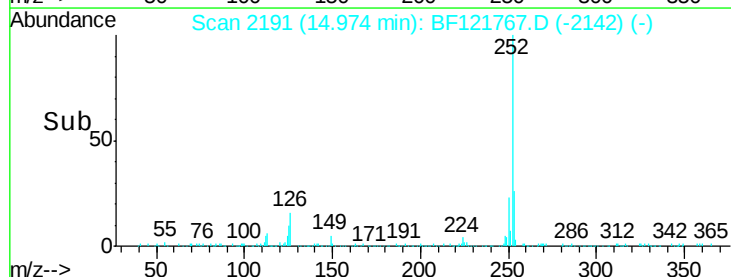
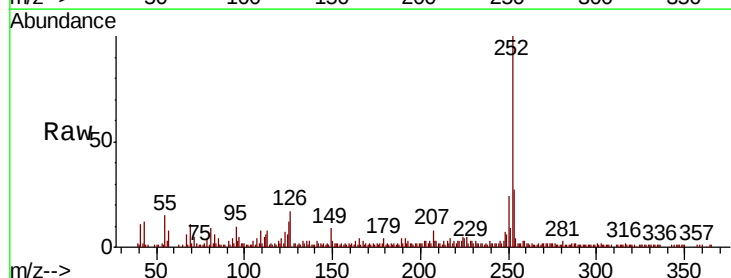
RT: 14.97 min Scan# 2191

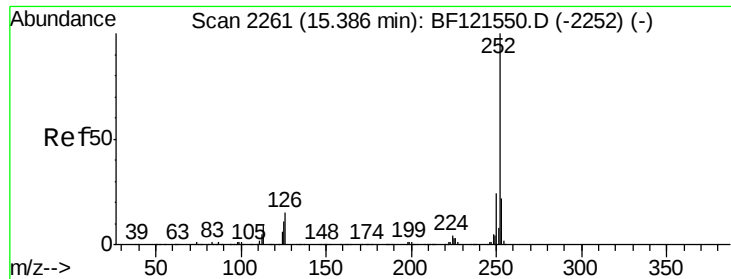
Delta R.T. -0.01 min

Lab File: BF121767.D

Acq: 1 Oct 2020 15:08

Tgt Ion:	252	Resp:	43632
Ion Ratio	Lower	Upper	
252	100		
253	27.1	17.8	26.6#
125	12.2	7.7	11.5#





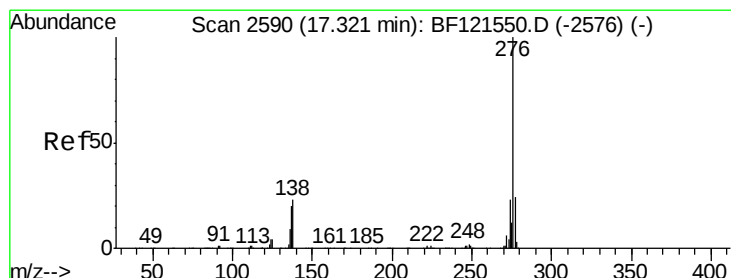
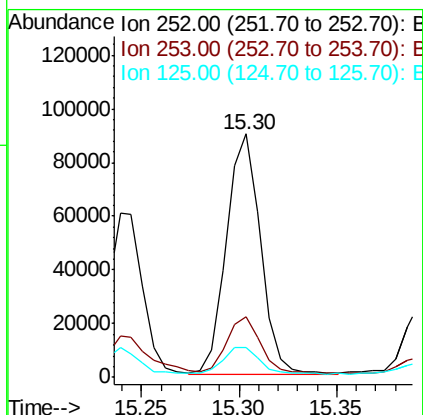
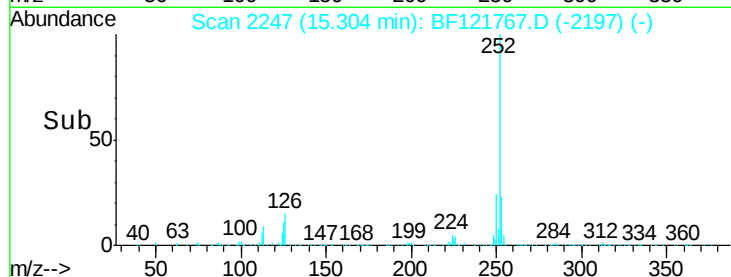
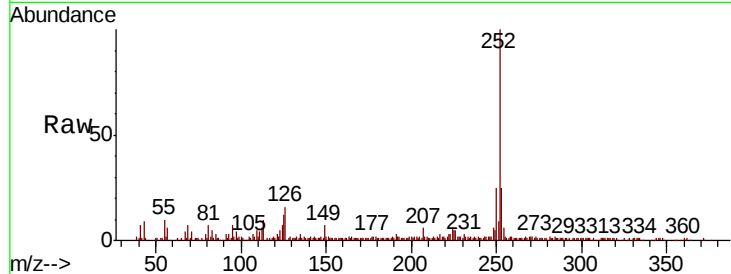
#90
Benzo(a)pyrene
Concen: 6.644 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BF121767.D
Acq: 1 Oct 2020 15:08

Instrument :
BNA_F
ClientSampleId :
B-9(7-9)RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.3	25.9
125	12.4	8.6	13.0

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 5.334 ng
RT: 17.20 min Scan# 2570
Delta R.T. -0.01 min
Lab File: BF121767.D
Acq: 1 Oct 2020 15:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.2	19.4	29.2
138	22.8	17.8	26.6

