

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
 Data File : BF121732.D
 Acq On : 29 Sep 2020 15:46
 Operator : JU/CG
 Sample : L4172-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-8(9-11)

Manual Integrations
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Quant Time: Sep 29 17:38:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 29 11:12:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	140129	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	521484	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	252201	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	447263	20.00	ng	0.00
76) Chrysene-d12	13.94	240	328635	20.00	ng	0.00
86) Perylene-d12	15.39	264	250058	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	755998	80.18	ng	0.00
7) Phenol-d6	6.42	99	974458	78.77	ng	0.00
23) Nitrobenzene-d5	7.35	82	625425	64.39	ng	0.00
42) 2,4,6-Tribromophenol	10.61	330	233832	74.60	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1082764	65.02	ng	0.00
79) Terphenyl-d14	12.89	244	961312	59.26	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.54	163	173941	9.516	ng	98
71) Phenanthrene	11.33	178	356070	14.612	ng	99
72) Anthracene	11.38	178	95694	3.805	ng	99
75) Fluoranthene	12.52	202	457803	17.599	ng	99
78) Pyrene	12.74	202	384890	16.030	ng	99
81) Benzo(a)anthracene	13.93	228	183676	8.834	ng	98
83) Chrysene	13.97	228	151781	7.209	ng	96
87) Indeno(1,2,3-cd)pyrene	16.80	276	68100	4.182	ng	95
88) Benzo(b)fluoranthene	14.97	252	171348m	10.250	ng	
89) Benzo(k)fluoranthene	15.00	252	42230m	2.759	ng	
90) Benzo(a)pyrene	15.33	252	108222	7.616	ng	95
92) Benzo(a,h,i)perylene	17.23	276	61256	4.597	ng	98

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

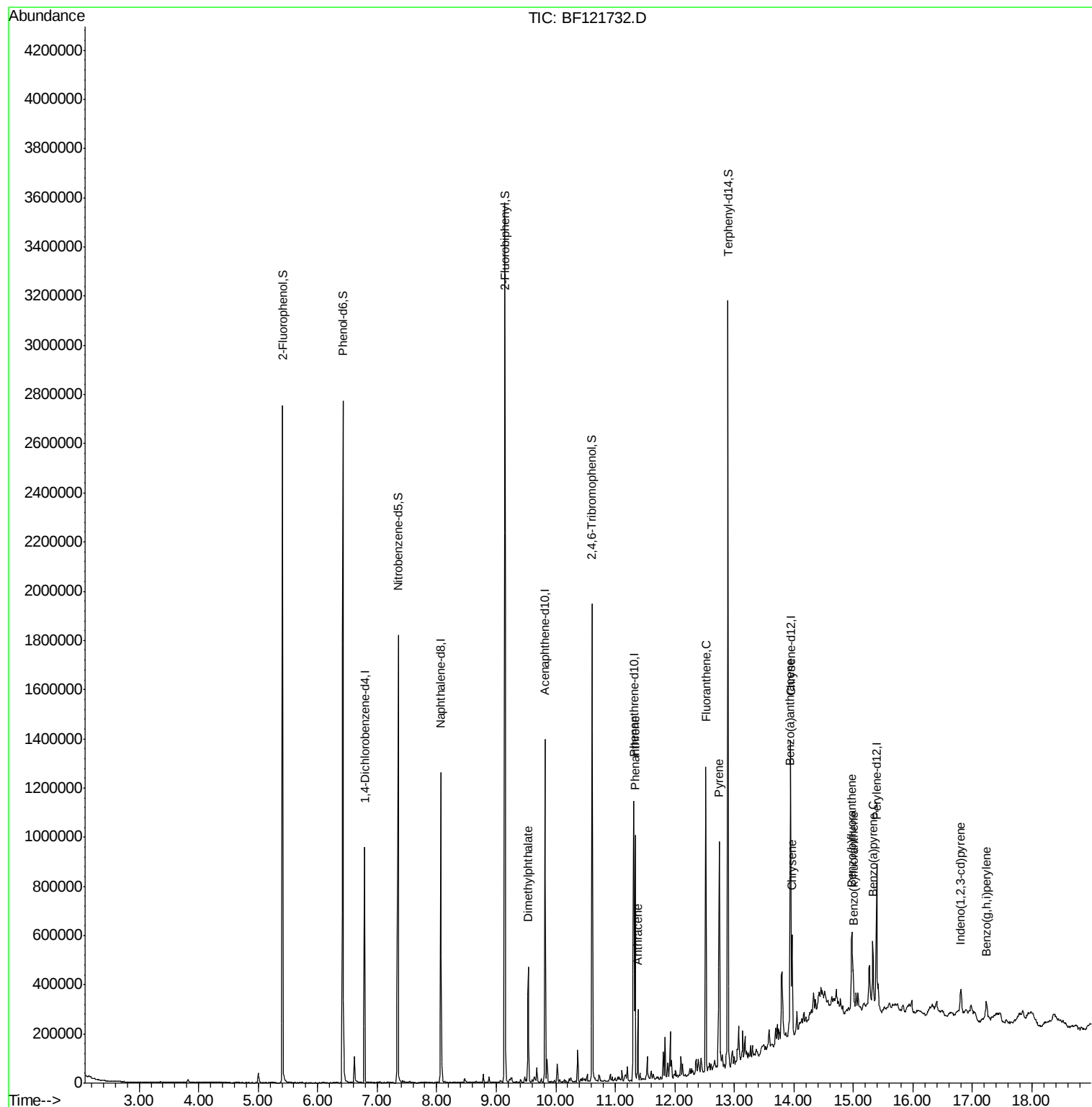
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
Data File : BF121732.D
Acq On : 29 Sep 2020 15:46
Operator : JU/CG
Sample : L4172-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

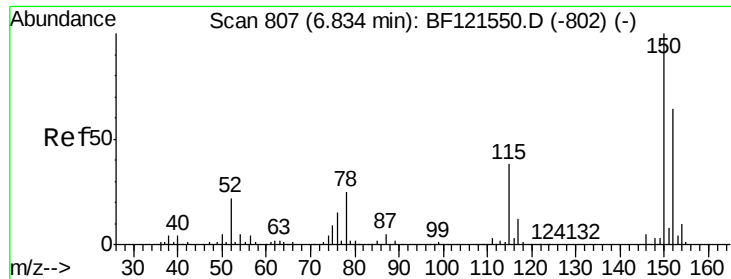
Instrument :
BNA_F
ClientSampleId :
B-8(9-11)

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Quant Time: Sep 29 17:38:00 2020
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

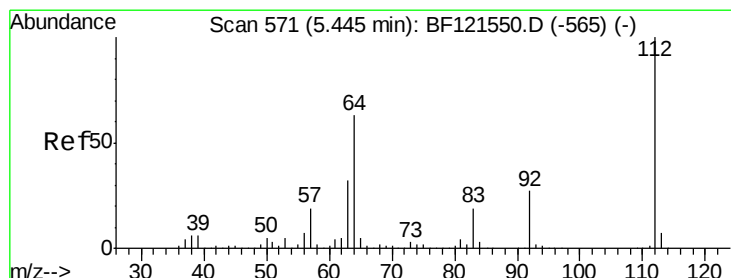
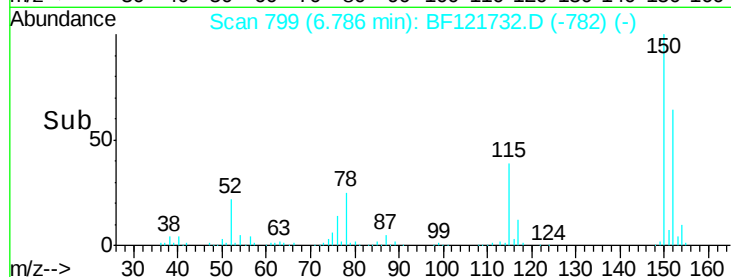
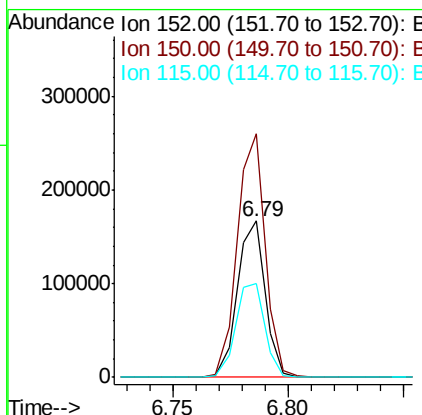
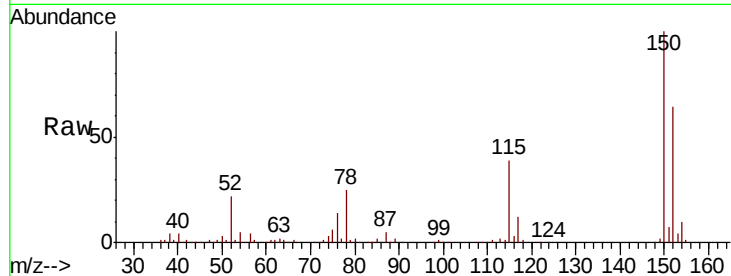
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF121732.D
Acq: 29 Sep 2020 15:46

Instrument :
BNA_F
ClientSampleId :
B-8(9-11)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	125.8	188.8
115	60.2	49.6	74.4

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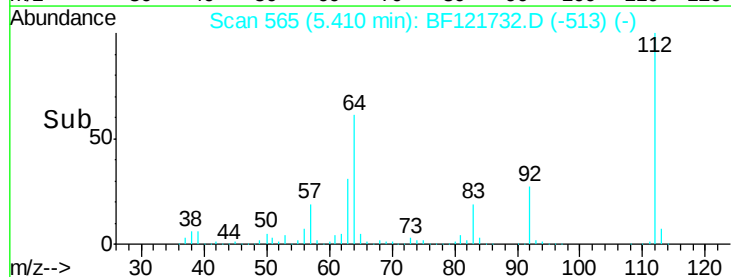
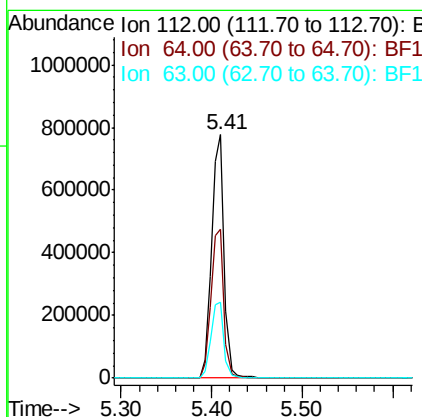
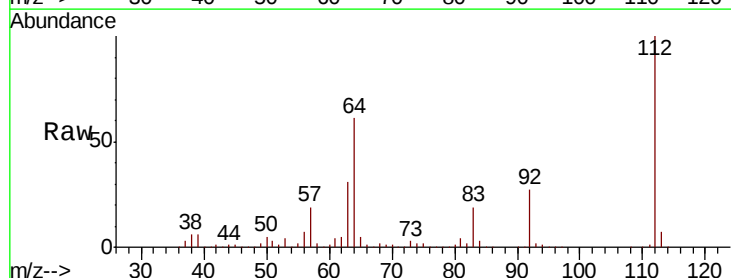
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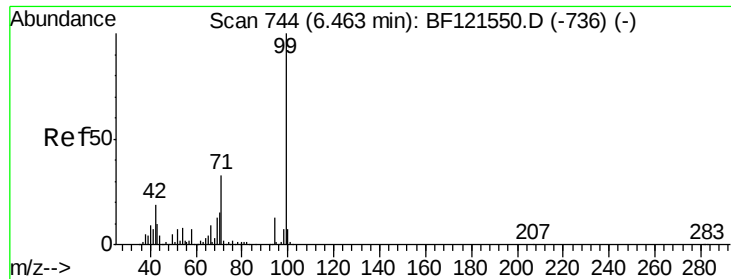


#5

2-Fluorophenol
Concen: 80.177 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF121732.D
Acq: 29 Sep 2020 15:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.3	51.2	76.8
63	31.2	25.9	38.9





#7

Phenol-d6

Concen: 78.773 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF121732.D

Acq: 29 Sep 2020 15:46

Instrument :

BNA_F

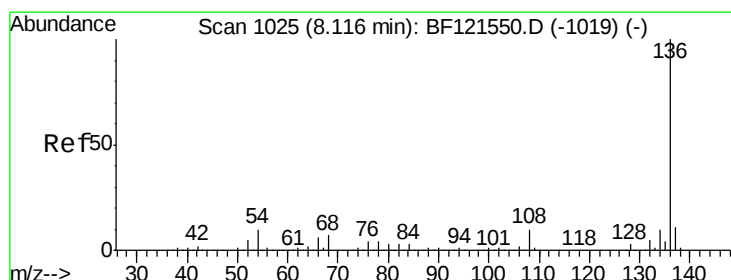
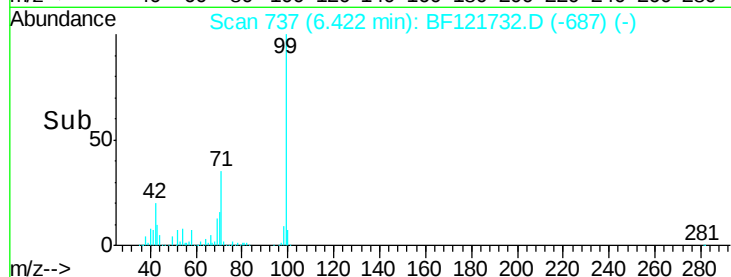
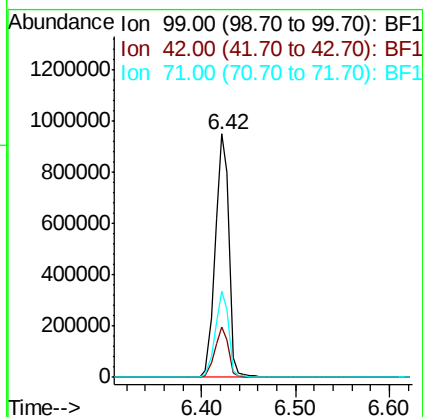
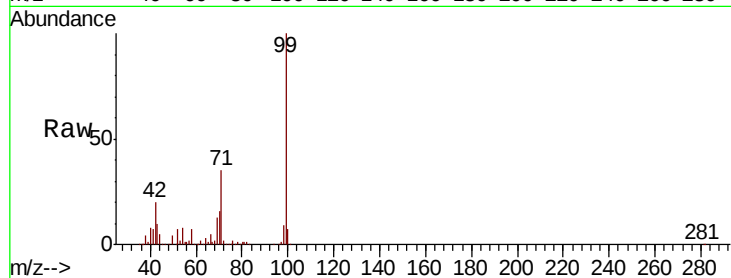
ClientSampleId :

B-8(9-11)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		974458		
42	20.5	16.5	24.7		
71	35.3	27.8	41.6		

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#21

Naphthalene-d8

Concen: 20.000 ng

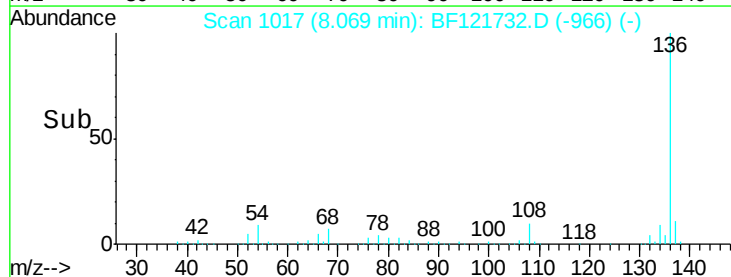
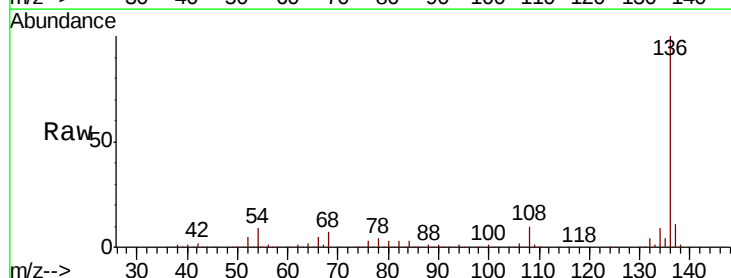
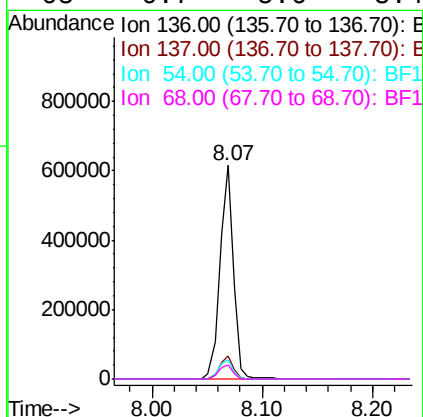
RT: 8.07 min Scan# 1017

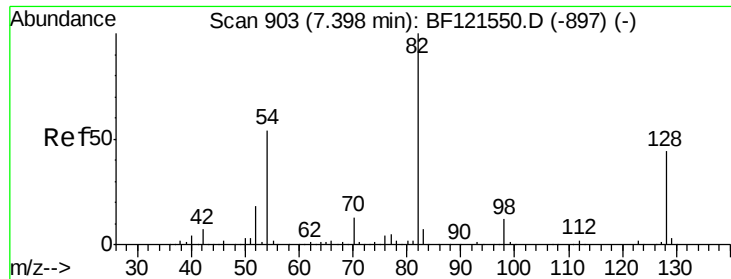
Delta R.T. 0.00 min

Lab File: BF121732.D

Acq: 29 Sep 2020 15:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		521484		
137	10.9	9.1	13.7		
54	8.9	7.8	11.8		
68	6.7	5.6	8.4		





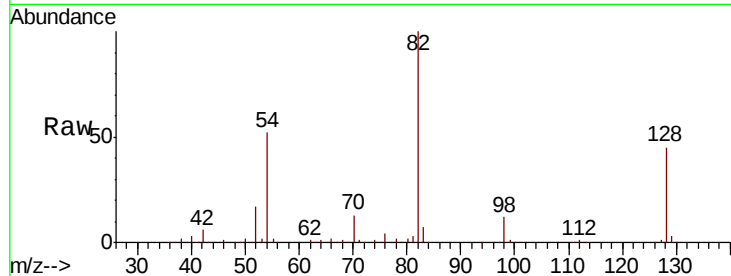
#23
Nitrobenzene-d5
Concen: 64.394 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF121732.D
Acq: 29 Sep 2020 15:46

Instrument :
BNA_F
ClientSampleId :
B-8(9-11)

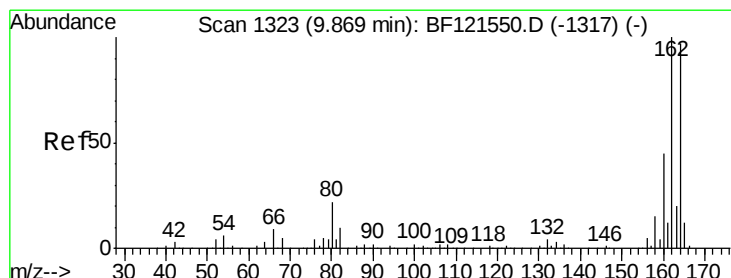
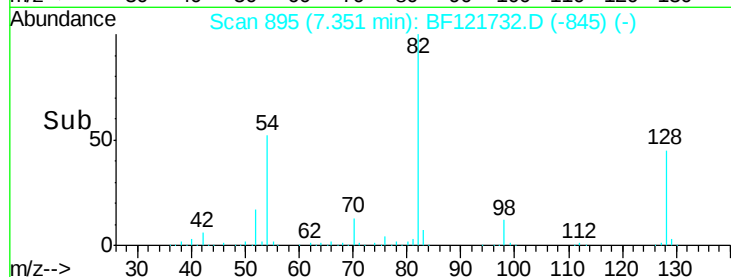
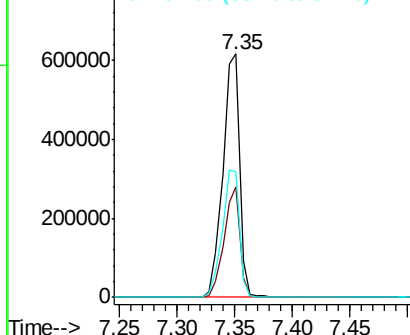
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.0	52.4
54	51.8	42.5	63.7

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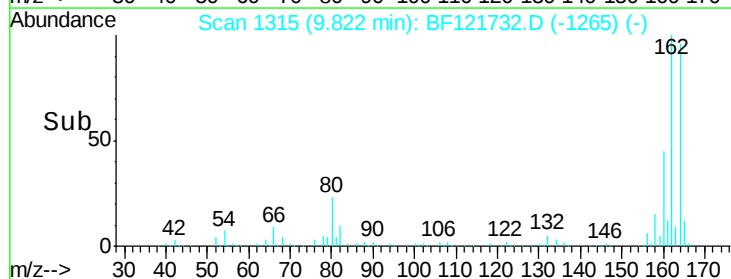
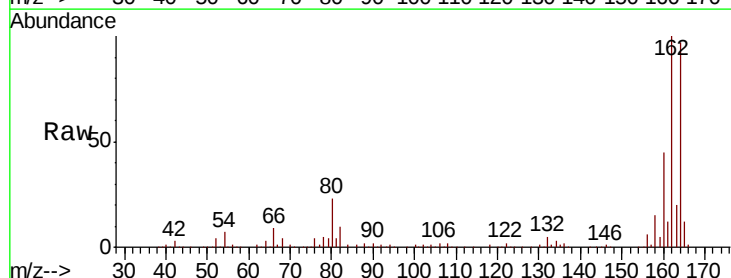
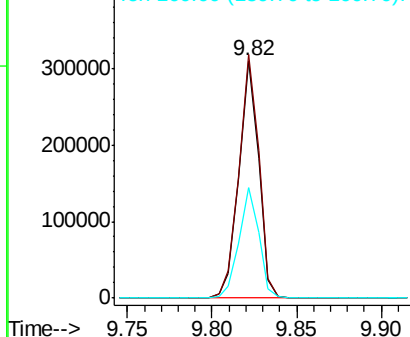
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

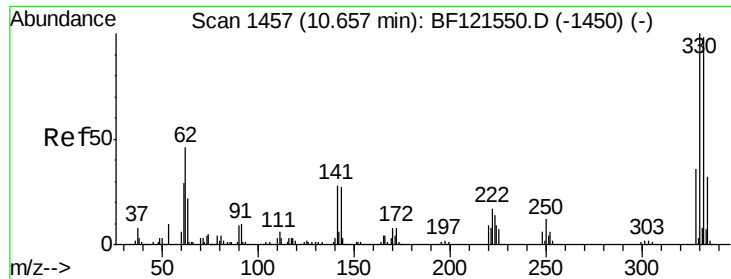


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF121732.D
Acq: 29 Sep 2020 15:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.6	121.0
160	46.4	36.9	55.3

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





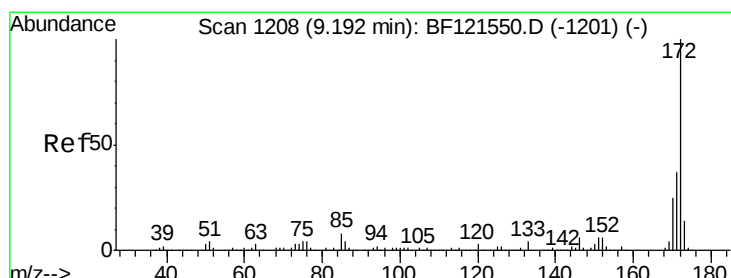
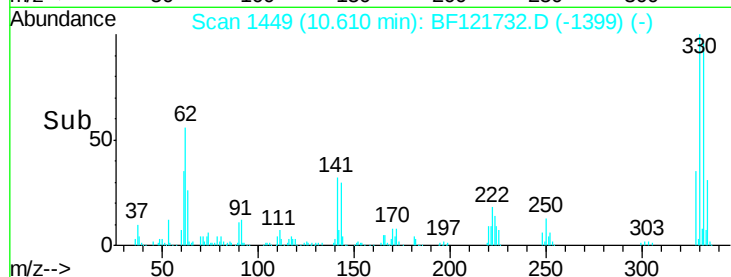
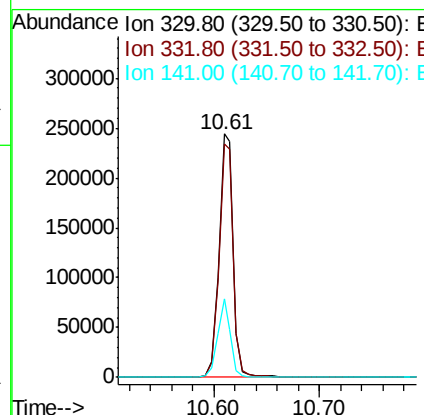
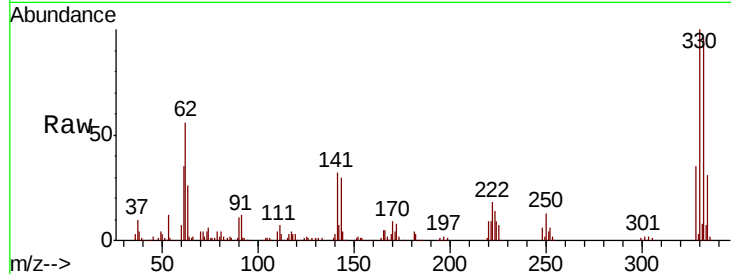
#42
 2,4,6-Tribromophenol
 Concen: 74.599 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF121732.D
 Acq: 29 Sep 2020 15:46

Instrument :
 BNA_F
 ClientSampleId :
 B-8(9-11)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	233832		
332	96.7	77.6	116.4	
141	29.0	22.9	34.3	

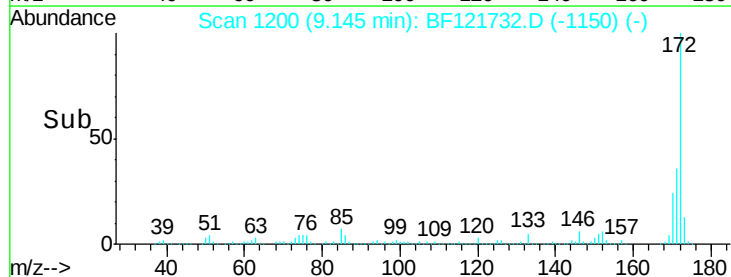
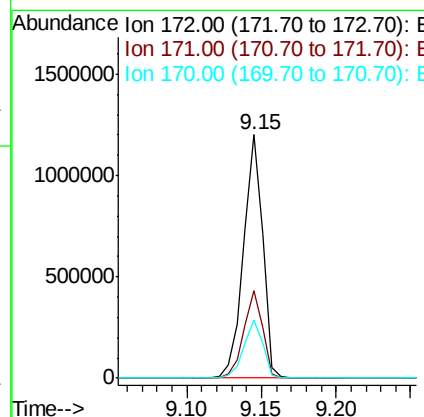
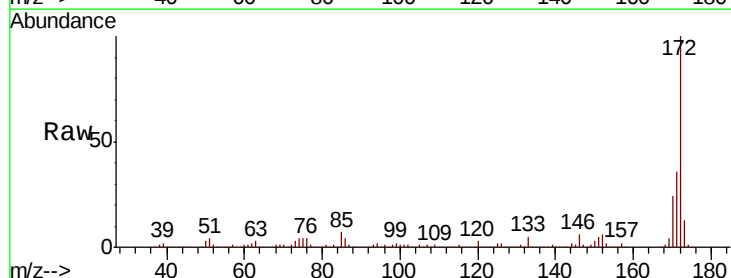
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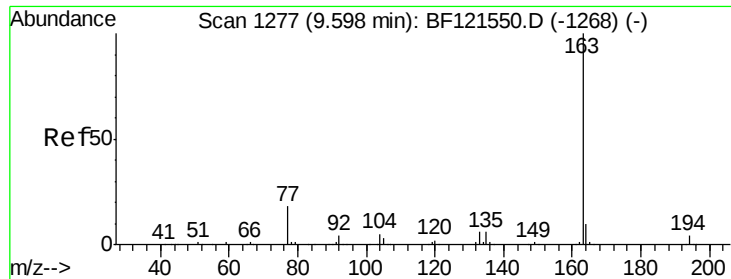
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#45
 2-Fluorobiphenyl
 Concen: 65.023 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF121732.D
 Acq: 29 Sep 2020 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1082764		
171	35.9	29.2	43.8	
170	23.8	19.7	29.5	





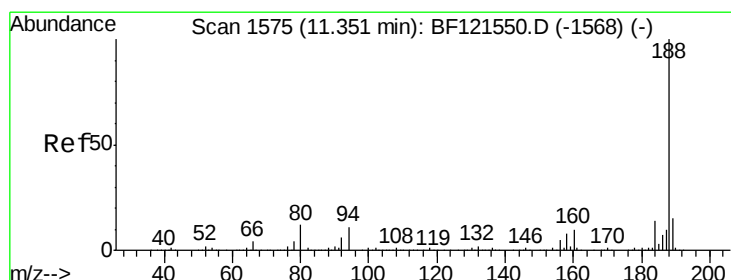
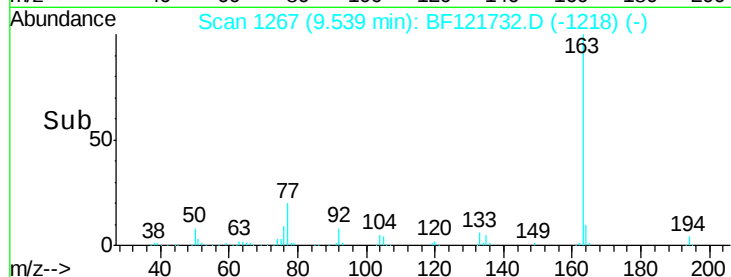
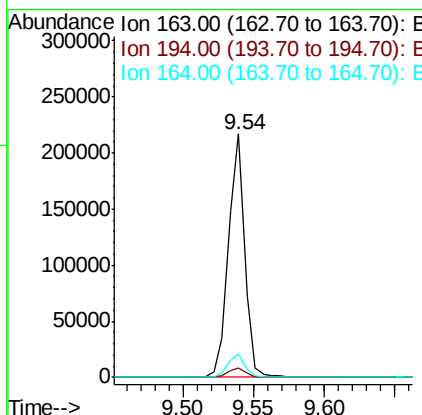
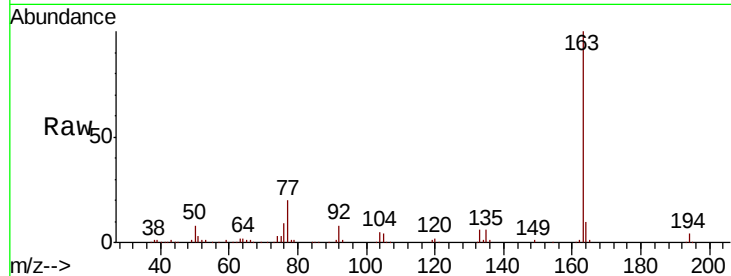
#50
Dimethylphthalate
Concen: 9.516 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF121732.D
Acq: 29 Sep 2020 15:46

Instrument :
BNA_F
ClientSampled :
B-8(9-11)

Tot Ion:	163	Resp:	173941
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.1	4.7
164	9.6	8.5	12.7

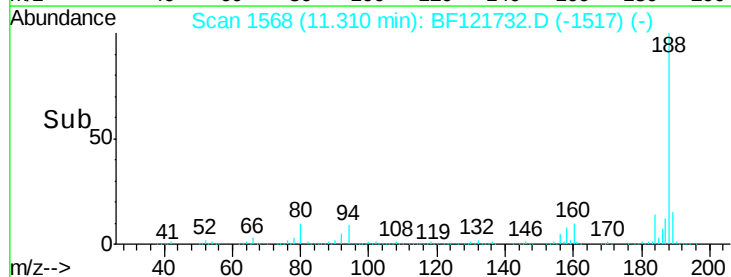
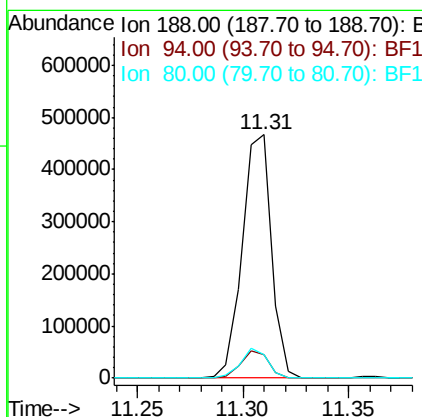
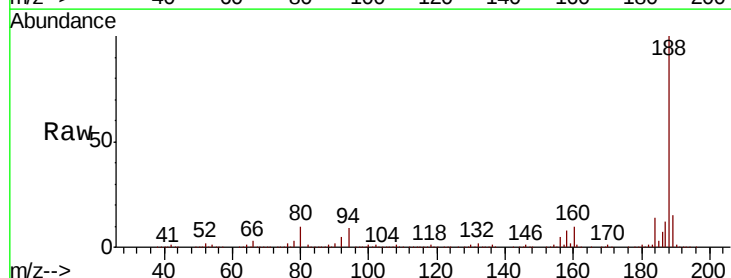
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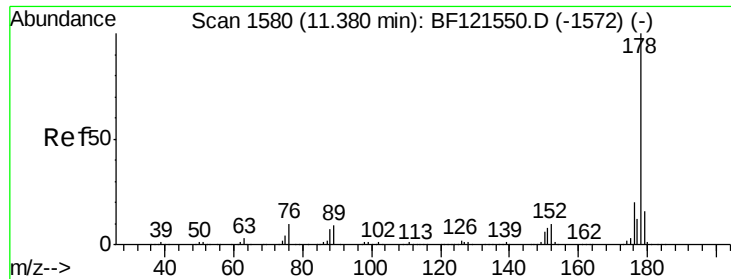
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF121732.D
Acq: 29 Sep 2020 15:46

Tgt Ion:	188	Resp:	447263
Ion Ratio	Lower	Upper	
188	100		
94	9.5	8.2	12.2
80	9.7	8.9	13.3





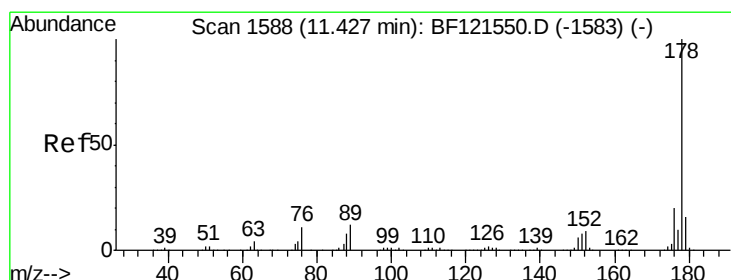
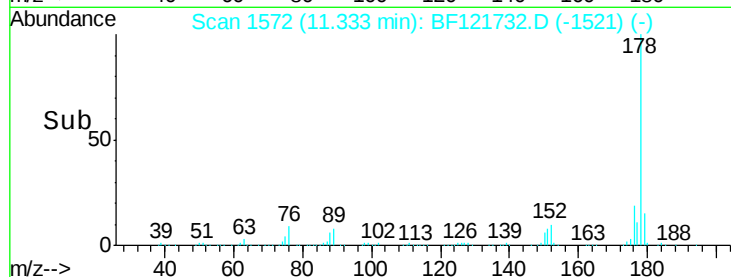
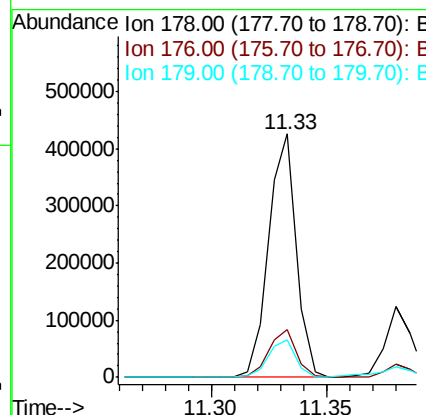
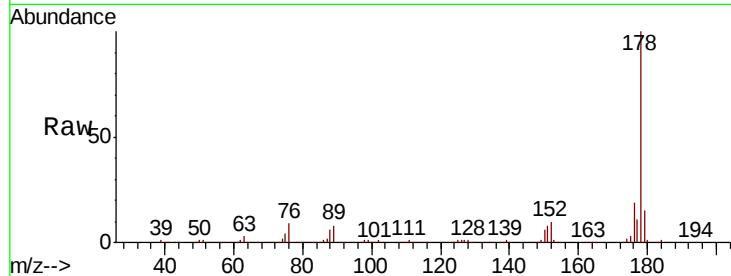
#71
Phenanthrene
Concen: 14.612 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF121732.D
Acq: 29 Sep 2020 15:46

Instrument :
BNA_F
ClientSampleId :
B-8(9-11)

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	15.4	12.6	19.0

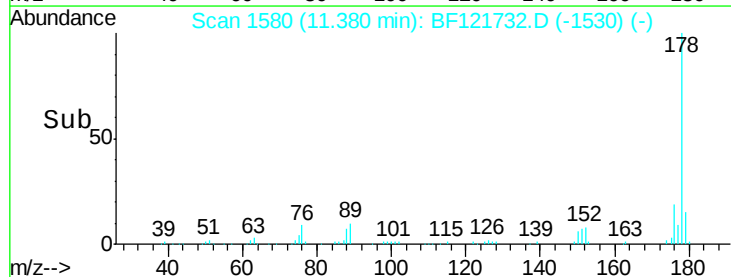
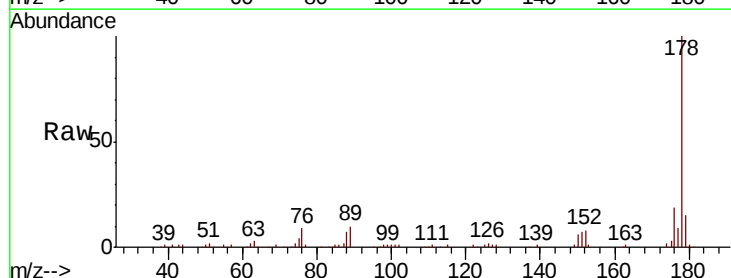
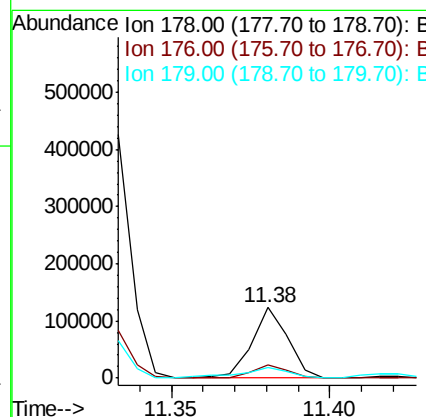
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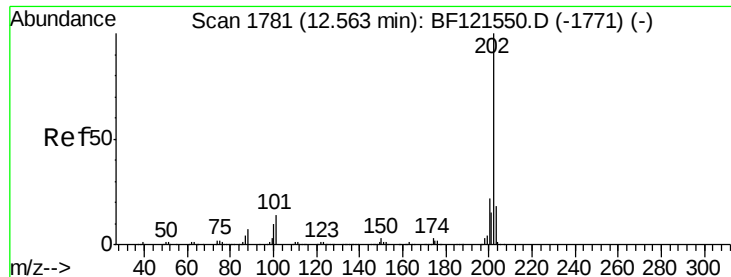
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#72
Anthracene
Concen: 3.805 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF121732.D
Acq: 29 Sep 2020 15:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.6
179	15.1	12.6	19.0





#75

Fluoranthene

Concen: 17.599 ng

RT: 12.52 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BF121732.D

Acq: 29 Sep 2020 15:46

Instrument :

BNA_F

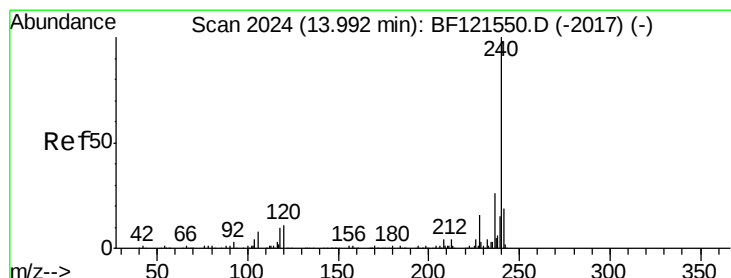
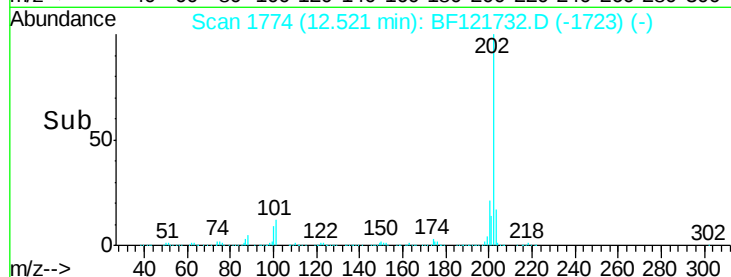
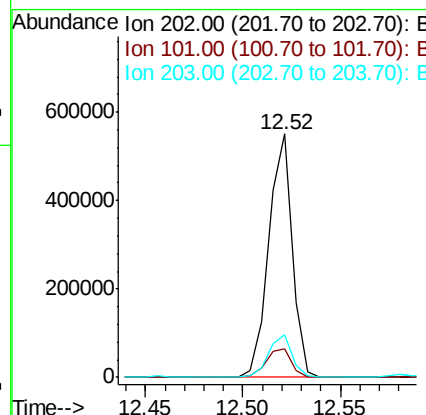
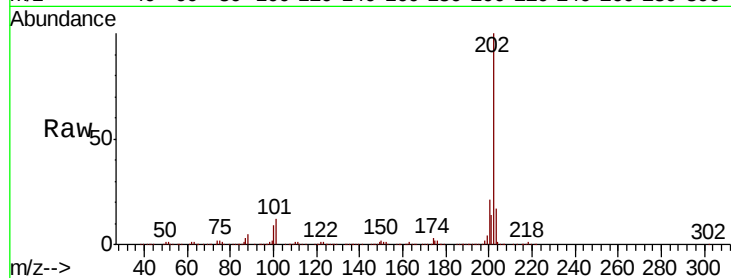
ClientSampleId :

B-8(9-11)

Tot Ion:	202	Resp:	457803
Ion Ratio		Lower	Upper
202	100		
101	11.6	0.0	32.0
203	17.3	0.0	38.0

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#76

Chrysene-d12

Concen: 20.000 ng

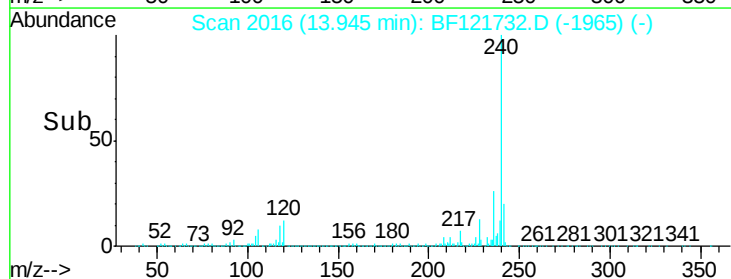
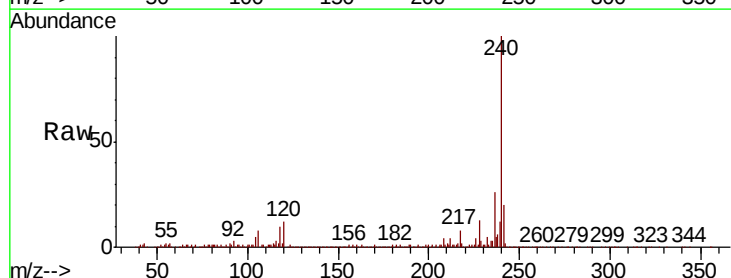
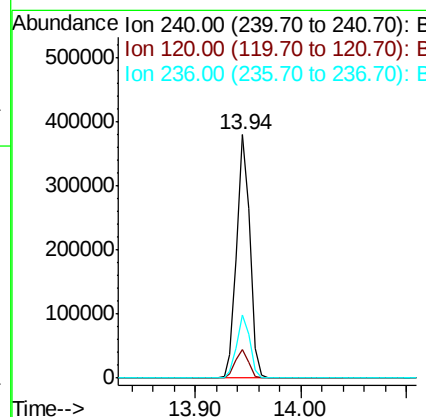
RT: 13.94 min Scan# 2016

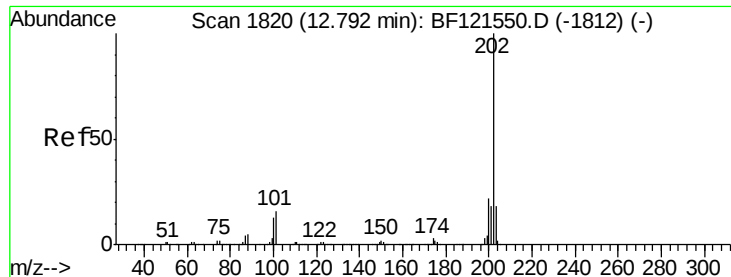
Delta R.T. 0.00 min

Lab File: BF121732.D

Acq: 29 Sep 2020 15:46

Tgt Ion:	240	Resp:	328635
Ion Ratio		Lower	Upper
240	100		
120	12.0	10.2	15.4
236	25.8	20.4	30.6





#78

Pvrene

Concen: 16.030 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF121732.D

Acq: 29 Sep 2020 15:46

Instrument :

BNA_F

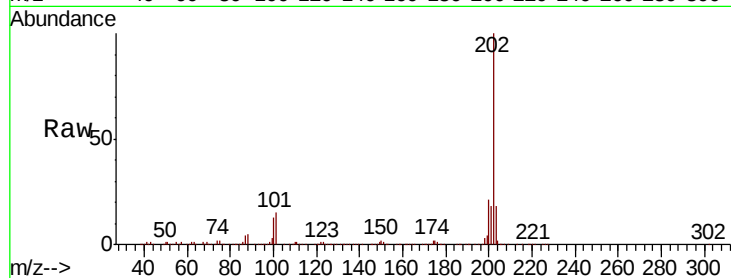
ClientSampleId :

B-8(9-11)

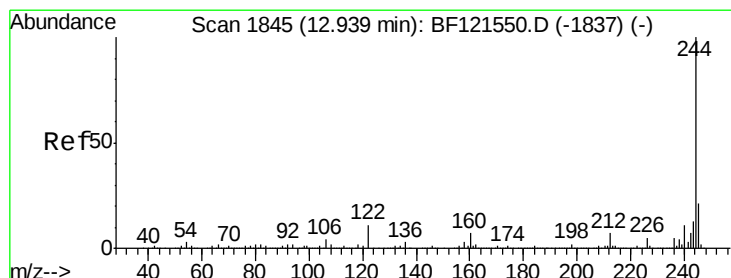
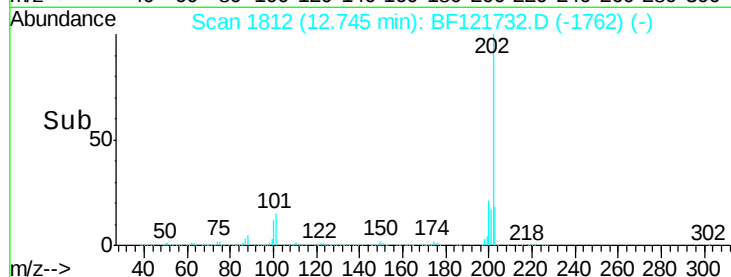
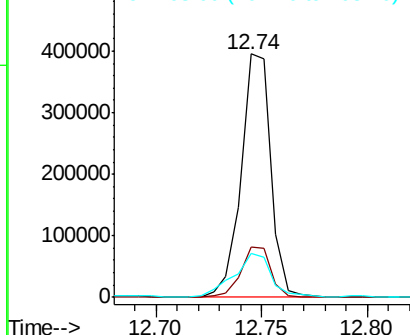
Tot Ion:	202	Resp:	384890
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.4	26.2
203	18.2	14.5	21.7

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 59.261 ng

RT: 12.89 min Scan# 1837

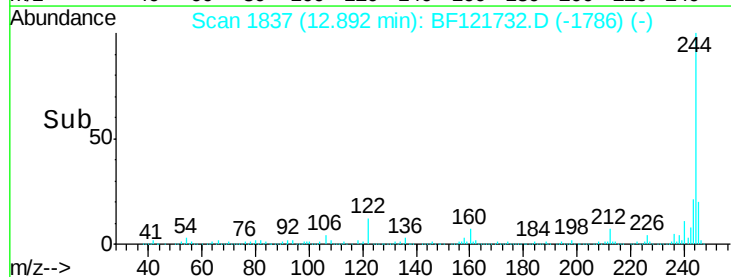
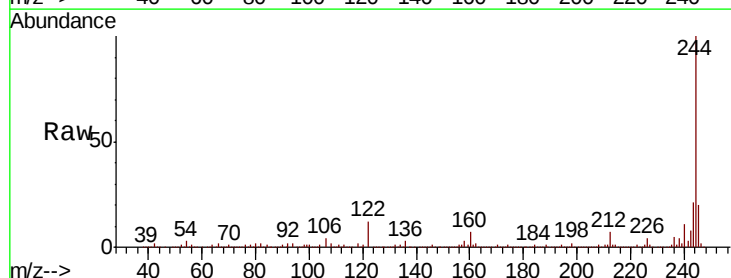
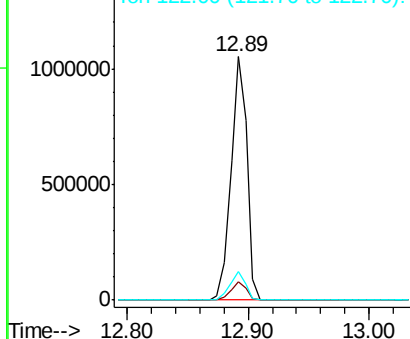
Delta R.T. 0.00 min

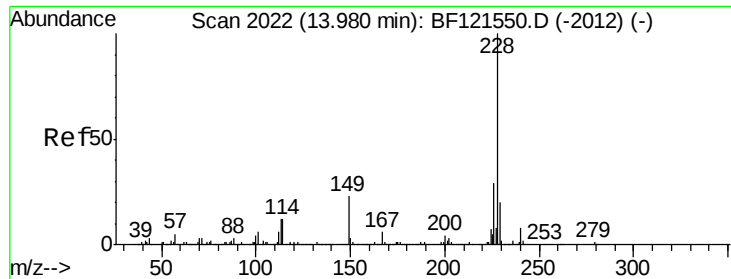
Lab File: BF121732.D

Acq: 29 Sep 2020 15:46

Tgt Ion:	244	Resp:	961312
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.7	8.5
122	11.6	9.0	13.4

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





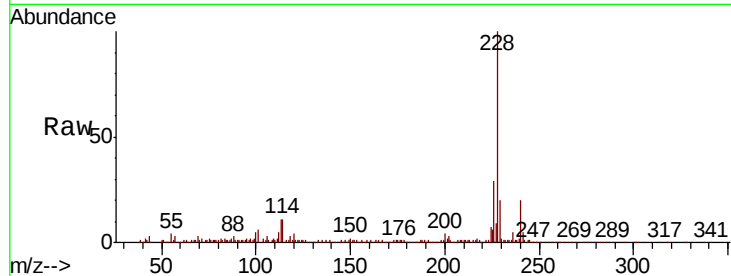
#81
Benzo(a)anthracene
Concen: 8.834 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BF121732.D
Acq: 29 Sep 2020 15:46

Instrument :
BNA_F
ClientSampled :
B-8(9-11)

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.2	33.2
229	20.5	16.2	24.4

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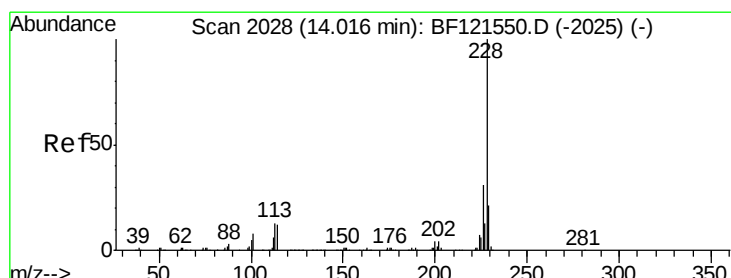
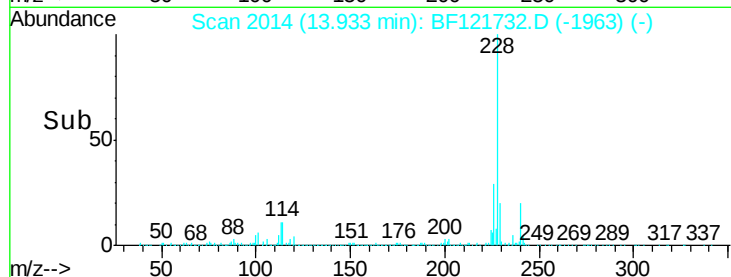
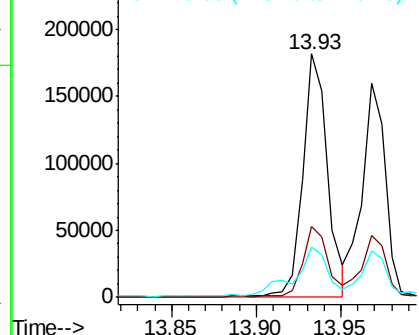


Abundance

Ion 228.00 (227.70 to 228.70): E

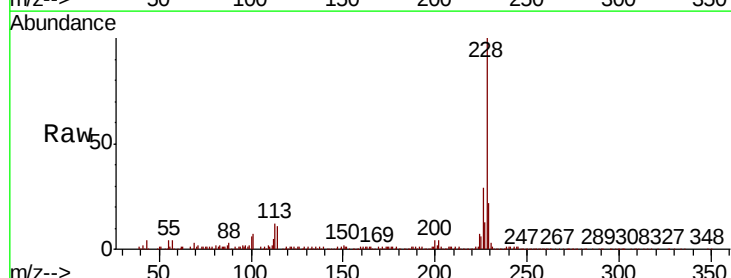
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83
Chrysene
Concen: 7.209 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121732.D
Acq: 29 Sep 2020 15:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	25.4	38.0
229	21.8	16.4	24.6

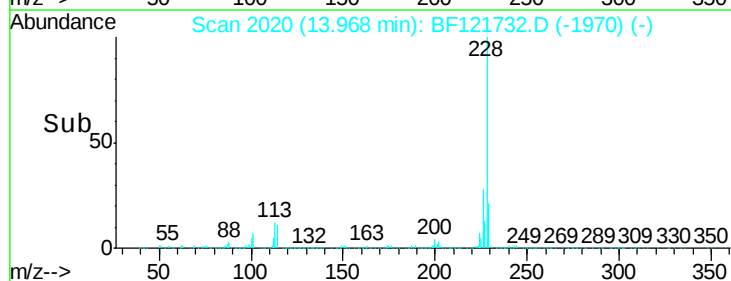
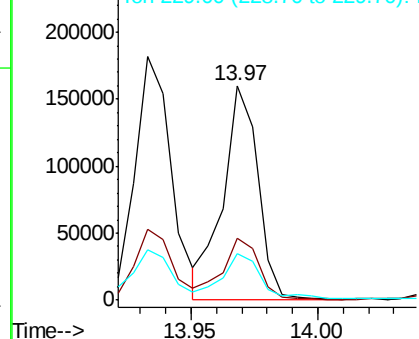


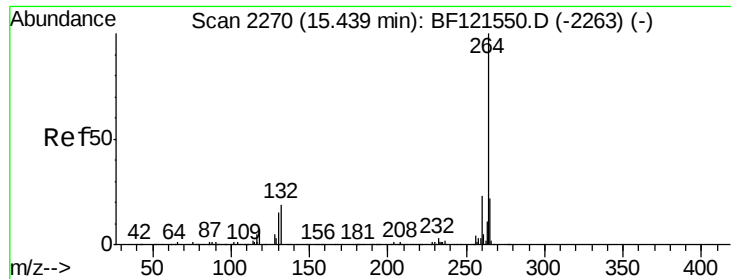
Abundance

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





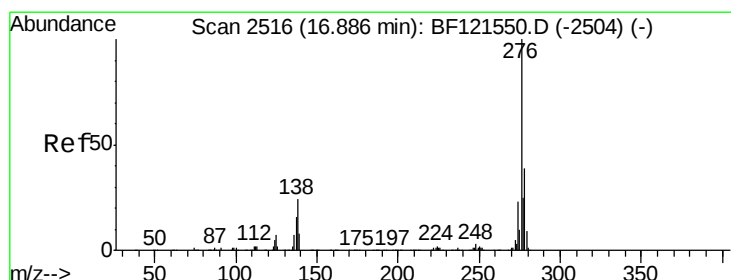
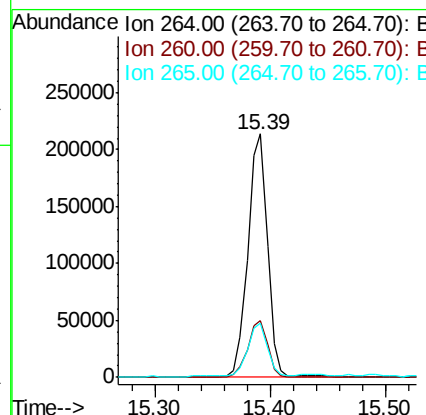
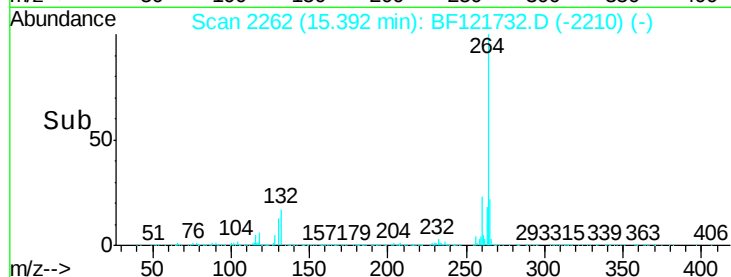
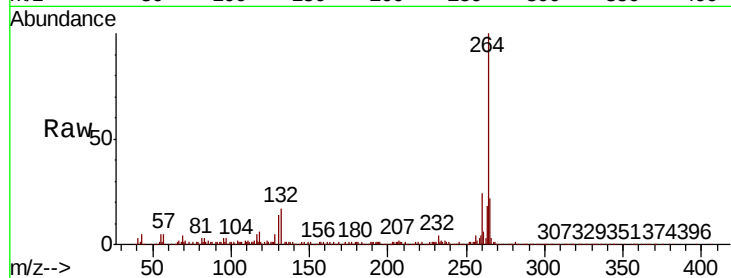
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF121732.D
Acq: 29 Sep 2020 15:46

Instrument :
BNA_F
ClientSampled :
B-8(9-11)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	22.0	17.3	25.9

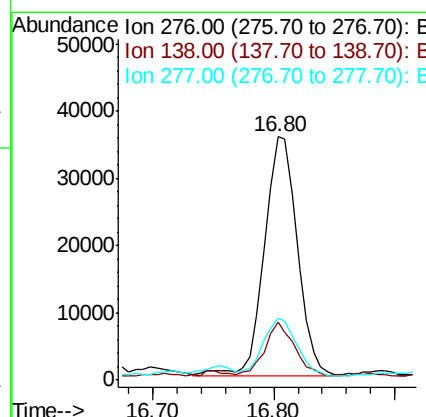
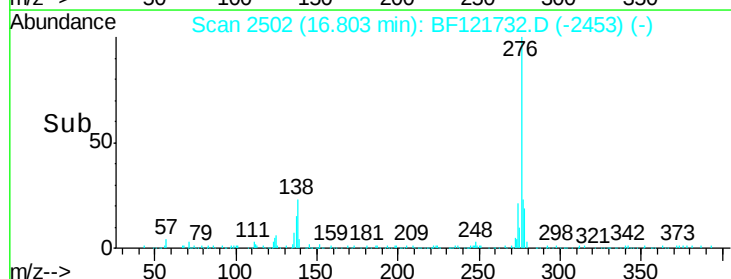
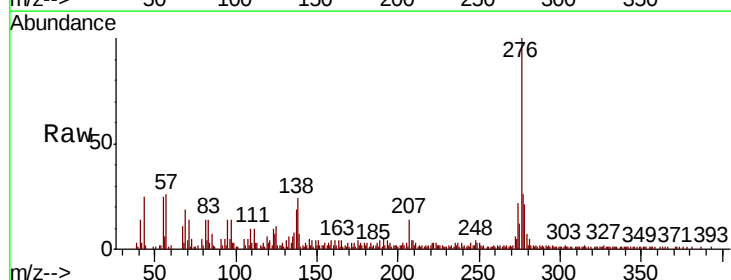
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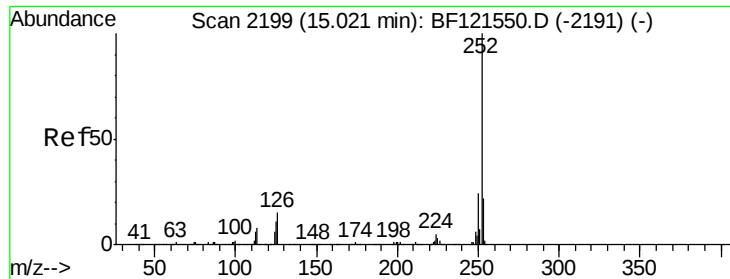
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#87
Indeno(1,2,3-cd)pyrene
Concen: 4.182 ng
RT: 16.80 min Scan# 2502
Delta R.T. -0.01 min
Lab File: BF121732.D
Acq: 29 Sep 2020 15:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.0	19.4	29.0
277	24.3	20.4	30.6





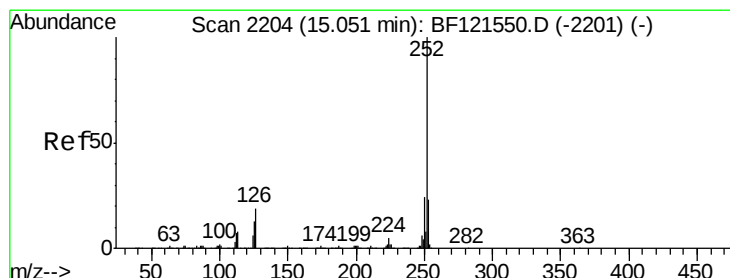
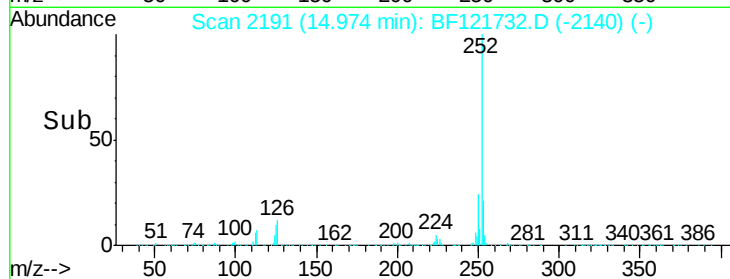
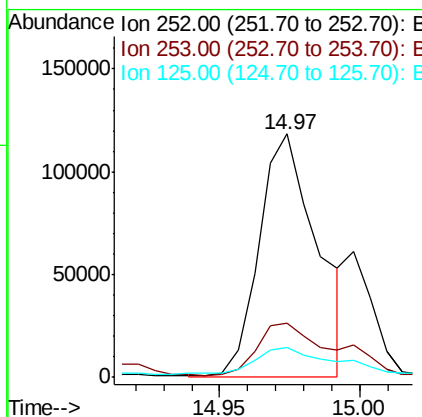
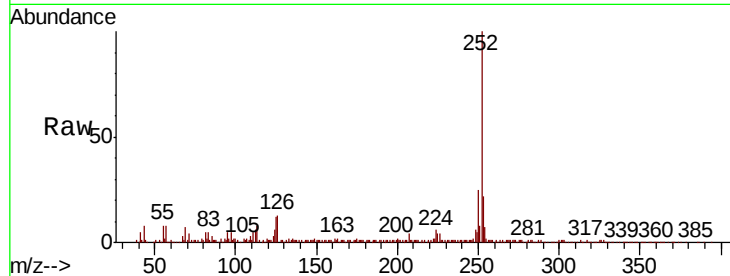
#88
Benzo(b)fluoranthene
Concen: 10.250 ng m
RT: 14.97 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BF121732.D
Acq: 29 Sep 2020 15:46

Instrument :
BNA_F
ClientSampleId :
B-8(9-11)

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	12.0	8.0	12.0

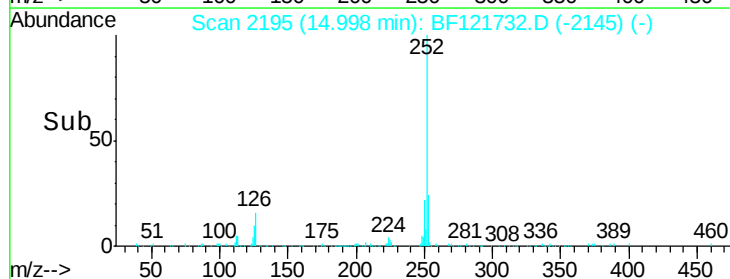
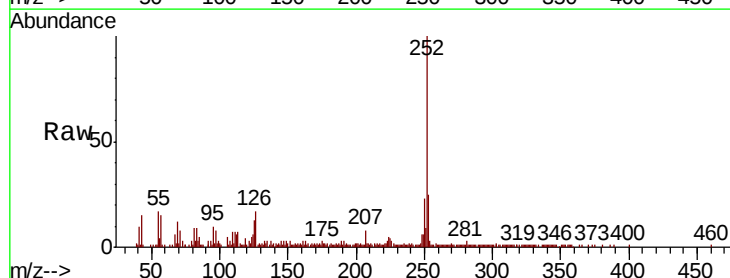
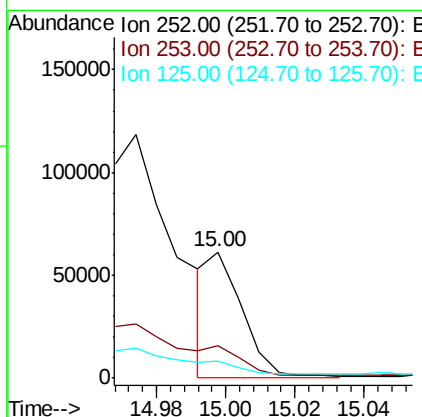
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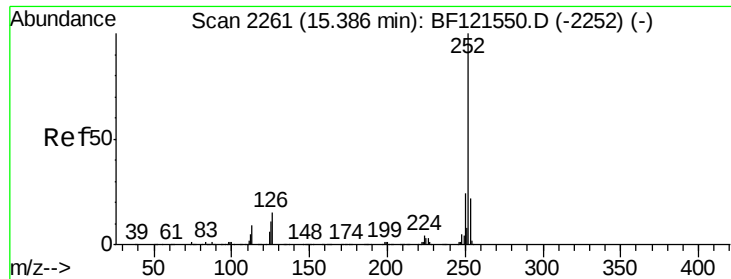
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#89
Benzo(k)fluoranthene
Concen: 2.759 ng m
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF121732.D
Acq: 29 Sep 2020 15:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.1	27.1
125	13.3	7.8	11.6





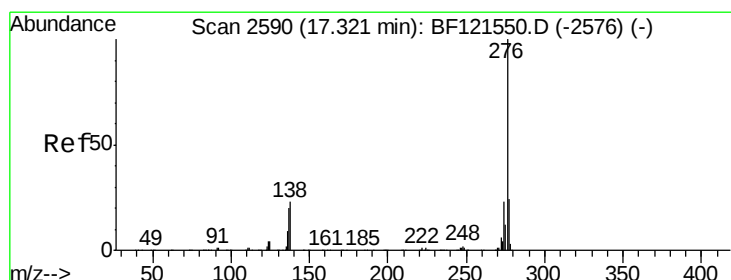
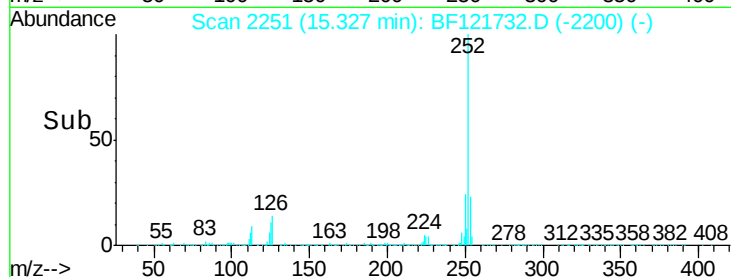
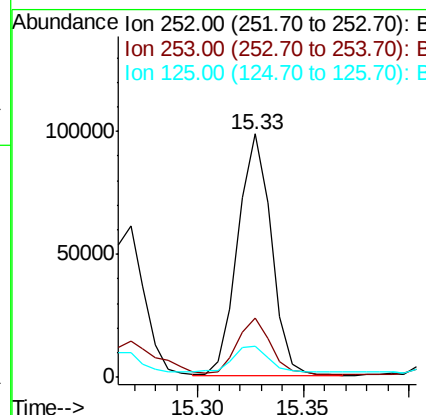
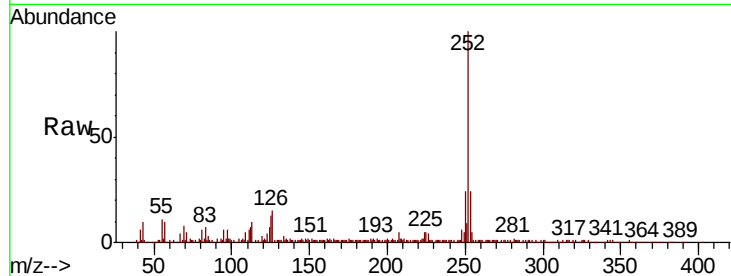
#90
Benzo(a)pyrene
Concen: 7.616 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.00 min
Lab File: BF121732.D
Acq: 29 Sep 2020 15:46

Instrument :
BNA_F
ClientSampled :
B-8(9-11)

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.1	17.3	25.9
125	12.7	9.2	13.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 4.597 ng
RT: 17.23 min Scan# 2575
Delta R.T. -0.01 min
Lab File: BF121732.D
Acq: 29 Sep 2020 15:46

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	24.5	19.2	28.8
138	22.0	16.7	25.1

