

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
 Data File : BF121794.D
 Acq On : 2 Oct 2020 15:09
 Operator : JU/CG
 Sample : L4198-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-20

Manual Integrations
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Quant Time: Oct 02 16:11:13 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	137129	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	533531	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	266590	20.00	ng	-0.01
64) Phenanthrene-d10	11.28	188	462455	20.00	ng	-0.01
76) Chrysene-d12	13.92	240	289701	20.00	ng	-0.02
86) Perylene-d12	15.35	264	271708	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	764804	82.89	ng	0.00
7) Phenol-d6	6.40	99	972992	80.38	ng	-0.01
23) Nitrobenzene-d5	7.33	82	678220	68.25	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	279805	84.45	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	1164161	66.14	ng	-0.01
79) Terphenyl-d14	12.87	244	988253	69.11	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.52	163	127650	6.606	ng	100
71) Phenanthrene	11.30	178	70443	2.796	ng	98
75) Fluoranthene	12.49	202	155081	5.766	ng	99
78) Pyrene	12.72	202	136187	6.434	ng	96
81) Benzo(a)anthracene	13.91	228	73311m	4.000	ng	
83) Chrysene	13.95	228	94103	5.070	ng	97
87) Indeno(1,2,3-cd)pyrene	16.76	276	87591	4.950	ng	95
88) Benzo(b)fluoranthene	14.94	252	184512m	10.158	ng	
89) Benzo(k)fluoranthene	14.96	252	56145m	3.375	ng	
90) Benzo(a)pyrene	15.29	252	81829	5.300	ng	97
92) Benzo(g,h,i)perylene	17.19	276	92122	6.363	ng	100

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

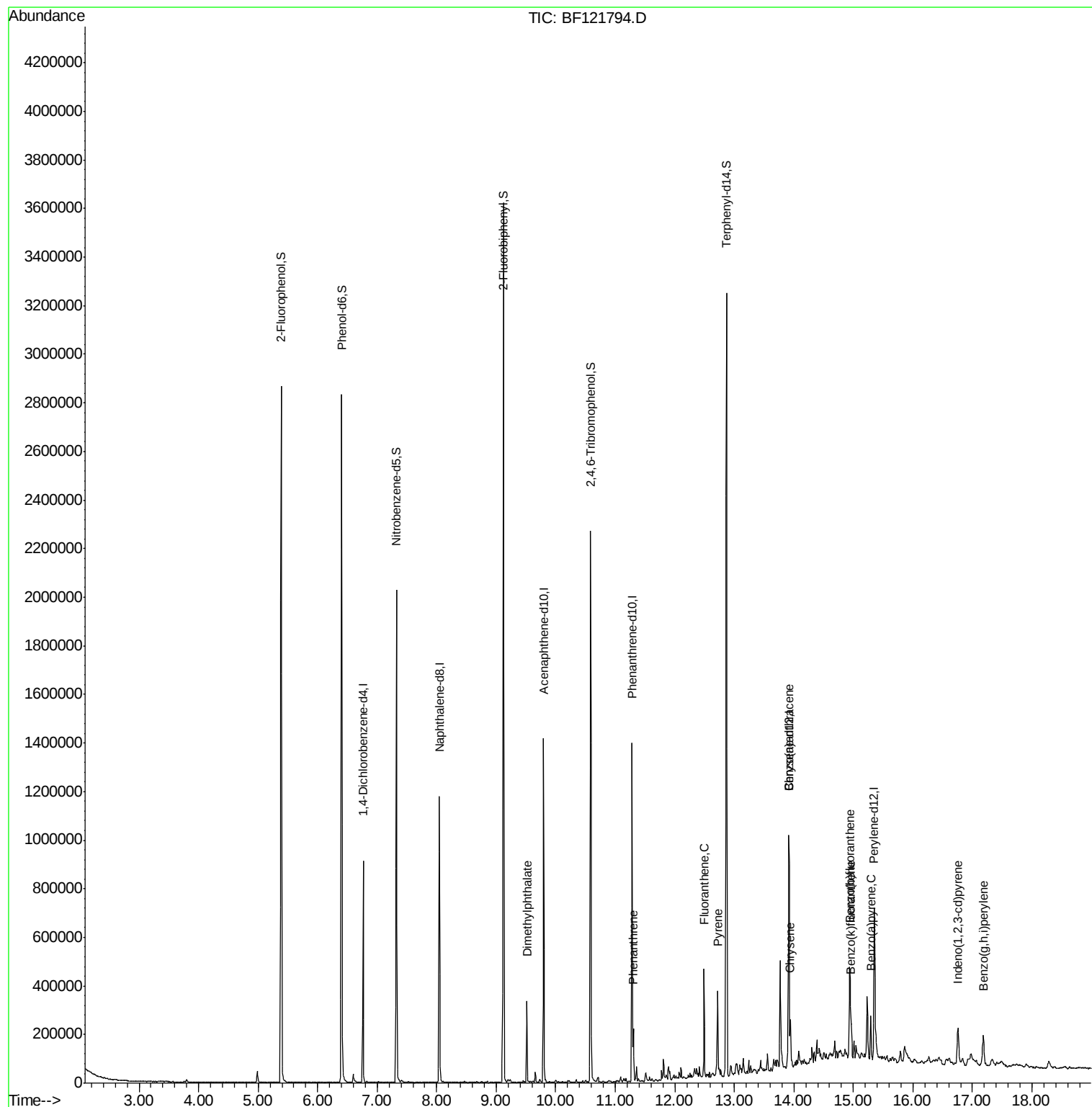
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
Data File : BF121794.D
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Operator : JU/CG
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Misc :
ALS Vial : 9 Sample Multiplier: 1

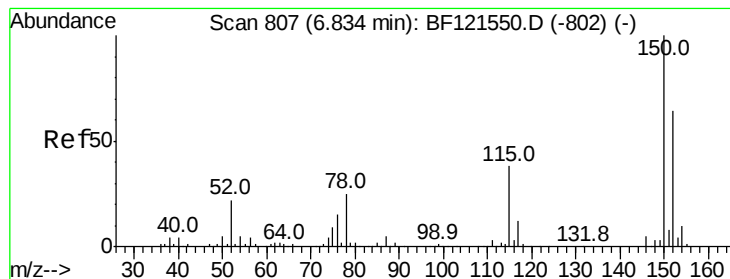
Instrument :
BNA_F
ClientSampleId :
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Quant Time: Oct 02 16:11:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
Response via : Initial Calibration





#1

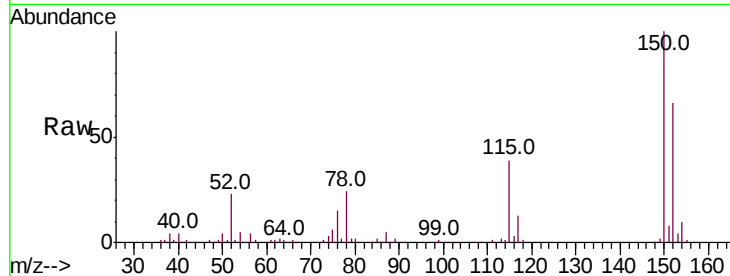
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121794.D
Acq: 2 Oct 2020 15:09

Instrument :
BNA_F
ClientSampled :
RO-20

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	125.3	187.9
115	58.7	51.9	77.9

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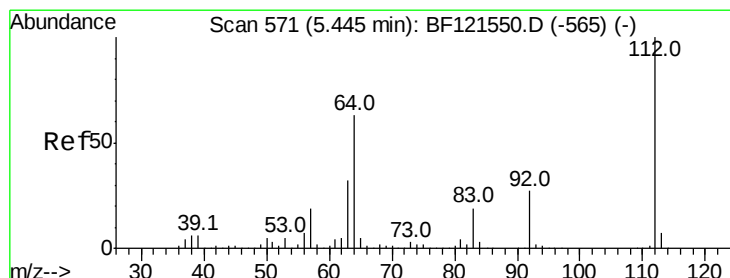
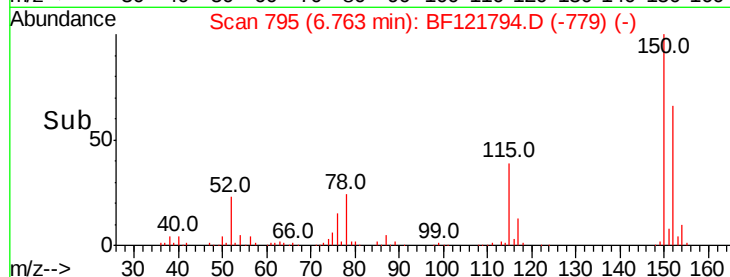
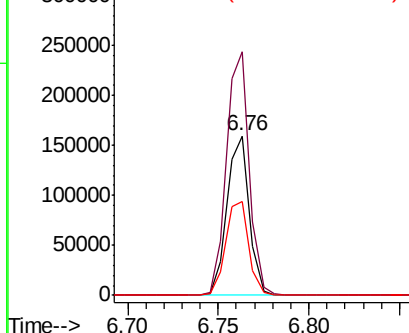


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

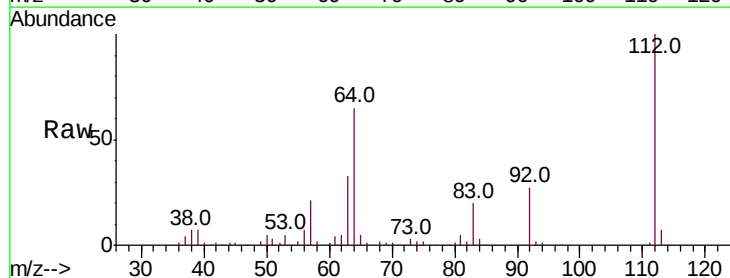
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 82.885 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF121794.D
Acq: 2 Oct 2020 15:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.5	50.4	75.6
63	32.9	25.8	38.6

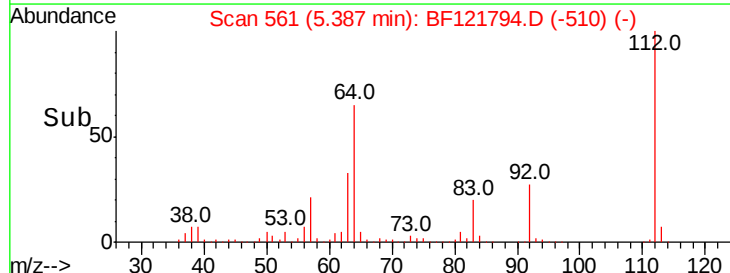
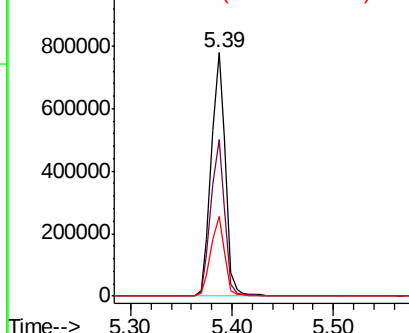


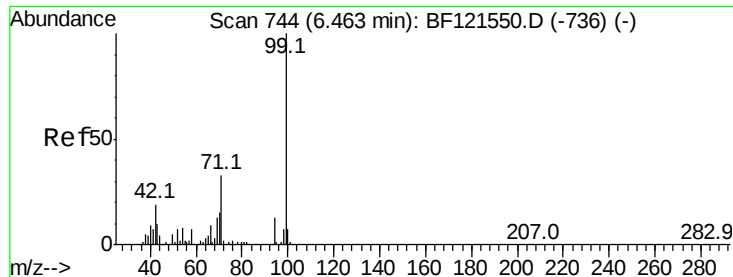
Abundance

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: 80.375 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF121794.D

Acq: 2 Oct 2020 15:09

Instrument :

BNA_F

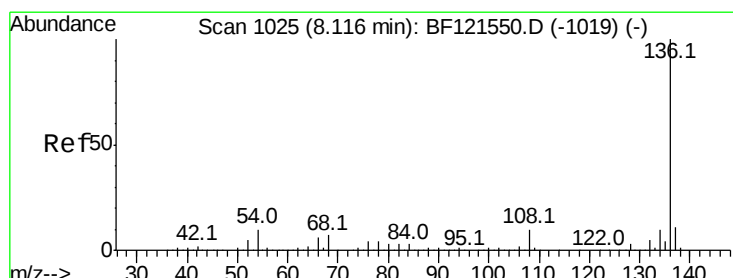
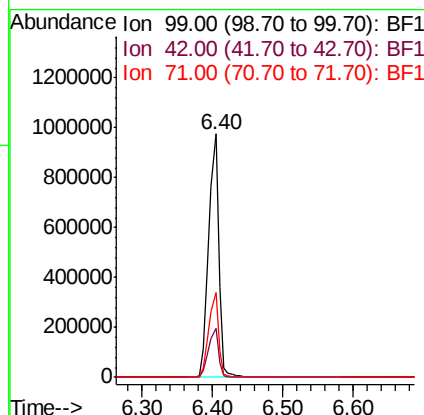
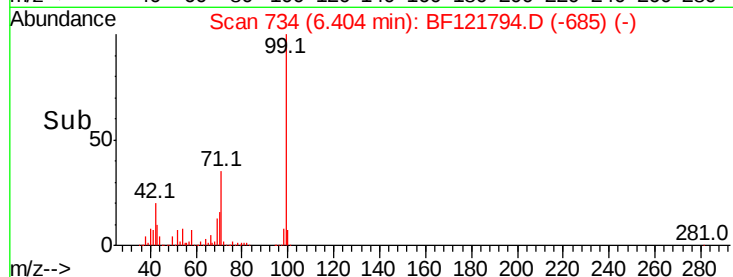
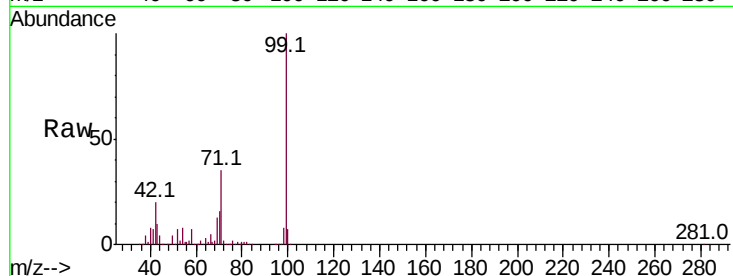
ClientSampleId :

RO-20

Tot Ion:	99	Resp:	972992
Ion Ratio	Lower	Upper	
99	100		
42	20.1	15.9	23.9
71	34.8	27.1	40.7

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#21

Naphthalene-d8

Concen: 20.000 ng

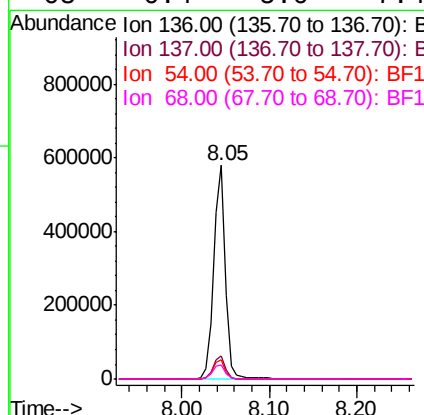
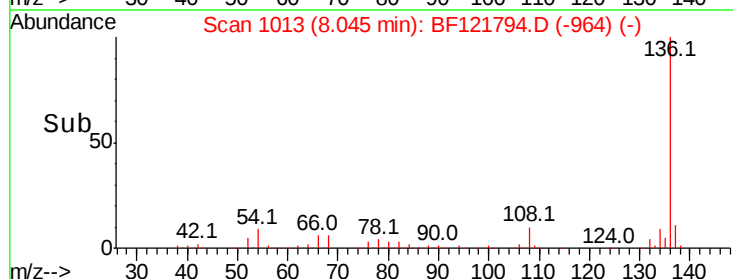
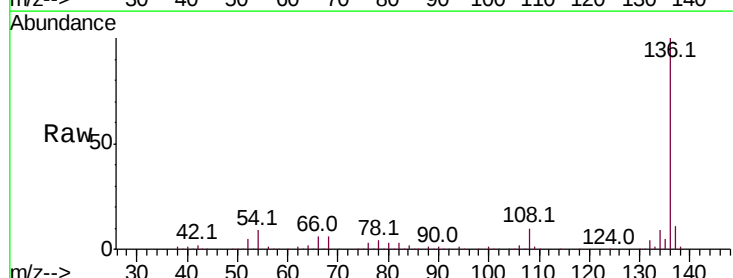
RT: 8.05 min Scan# 1013

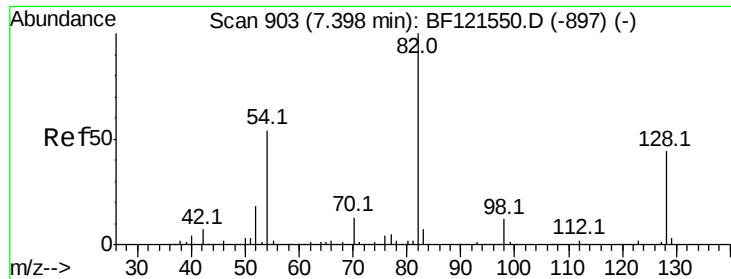
Delta R.T. -0.01 min

Lab File: BF121794.D

Acq: 2 Oct 2020 15:09

Tgt Ion:	136	Resp:	533531
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	13.0
54	8.8	7.1	10.7
68	6.4	5.0	7.4





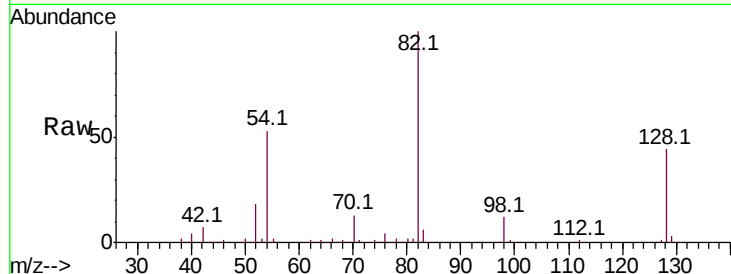
#23
Nitrobenzene-d5
Concen: 68.253 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121794.D
Acq: 2 Oct 2020 15:09

Instrument :
BNA_F
ClientSampled :
RO-20

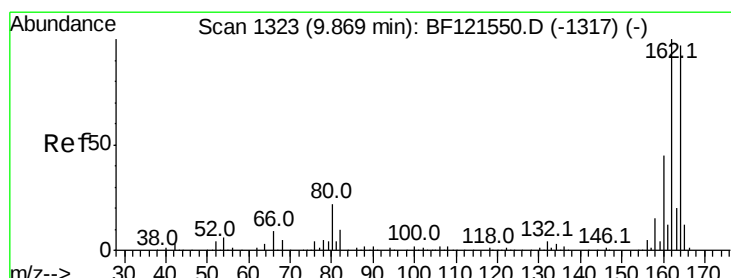
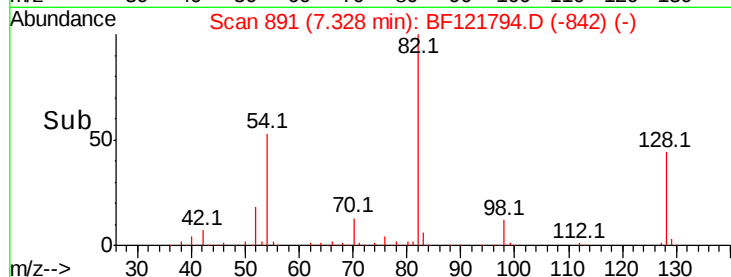
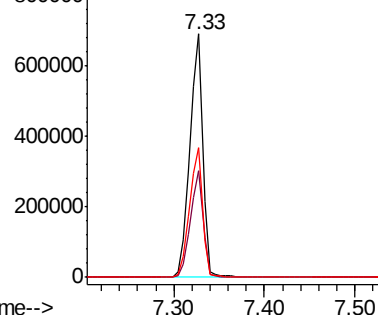
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.6	35.0	52.4
54	53.1	43.9	65.9

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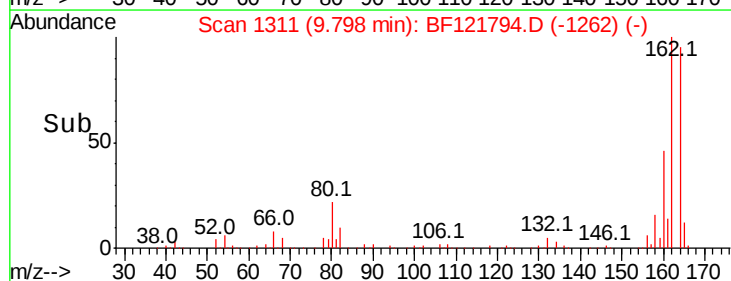
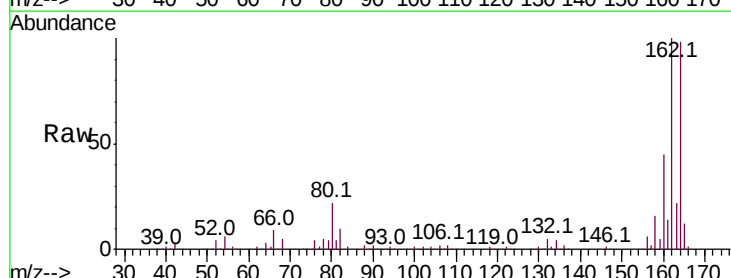
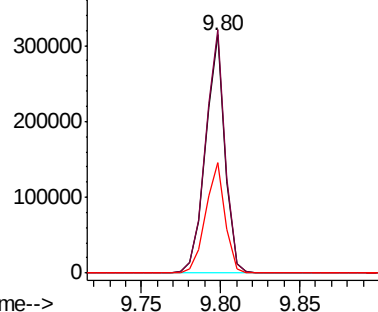
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

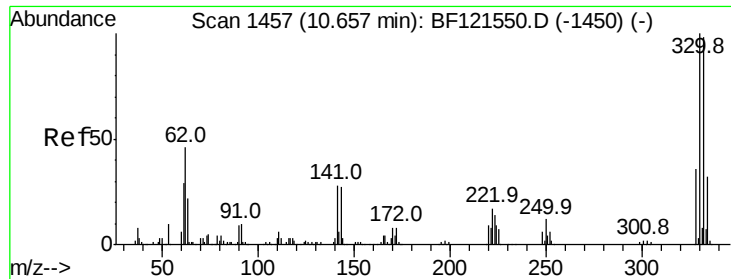


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF121794.D
Acq: 2 Oct 2020 15:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	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





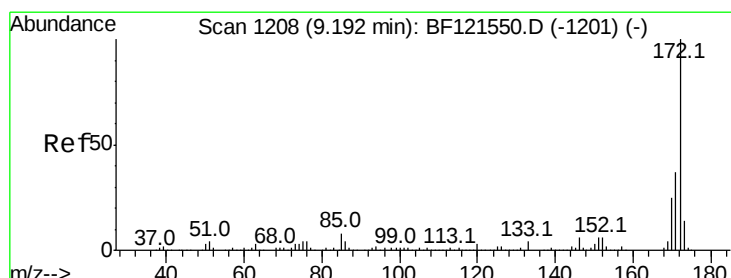
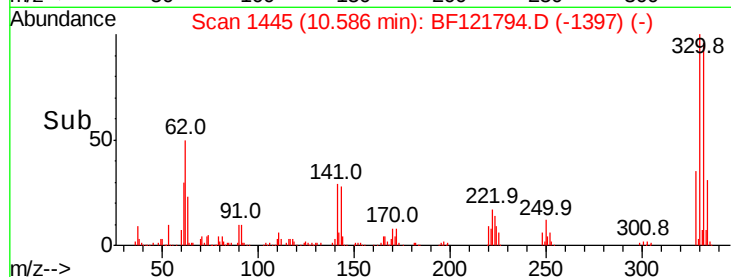
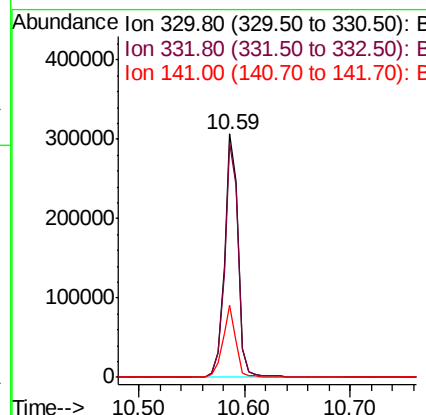
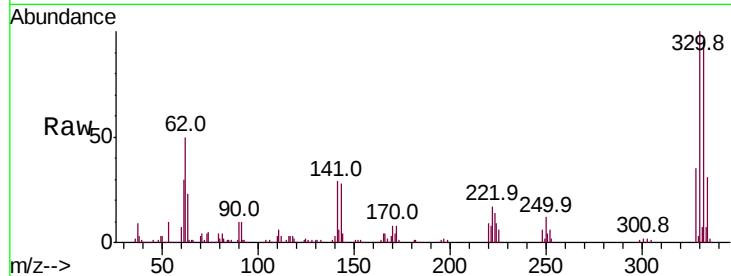
#42
 2,4,6-Tribromophenol
 Concen: 84.448 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.02 min
 Lab File: BF121794.D
 Acq: 2 Oct 2020 15:09

Instrument :
 BNA_F
 ClientSampleId :
 RO-20

Tot Ion	Ratio	Resp	Lower	Upper
330	100	279805		
332	96.7	77.3	115.9	
141	28.5	22.3	33.5	

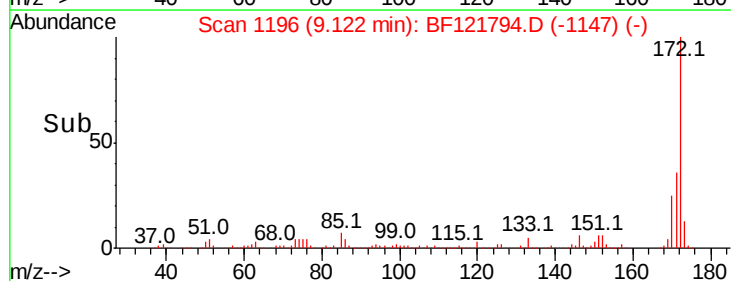
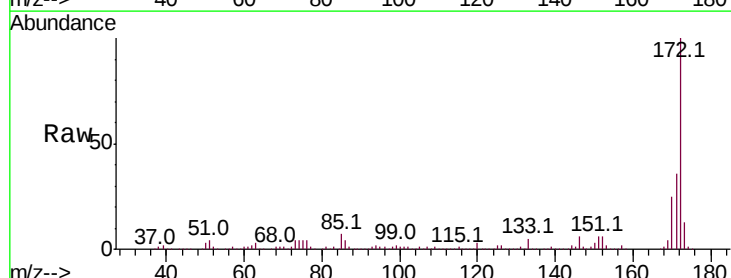
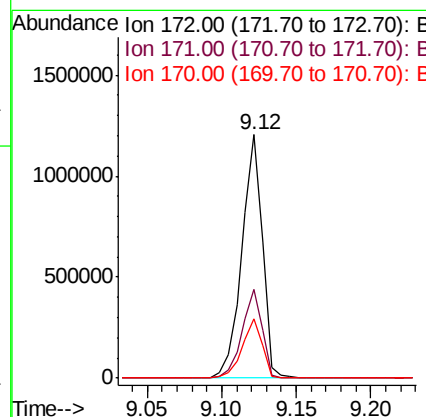
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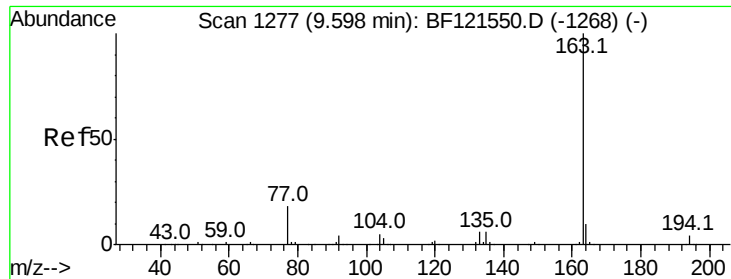
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#45
 2-Fluorobiphenyl
 Concen: 66.137 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF121794.D
 Acq: 2 Oct 2020 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1164161		
171	36.5	29.1	43.7	
170	24.6	19.8	29.6	





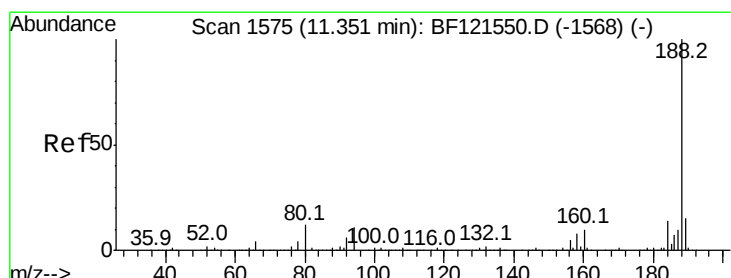
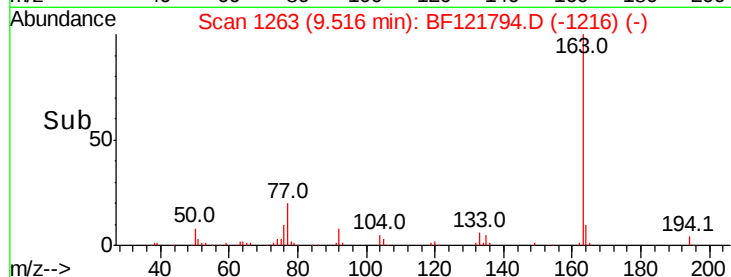
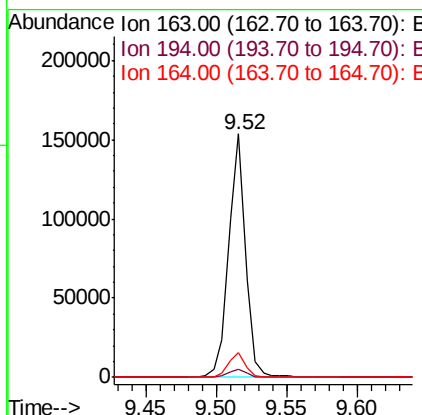
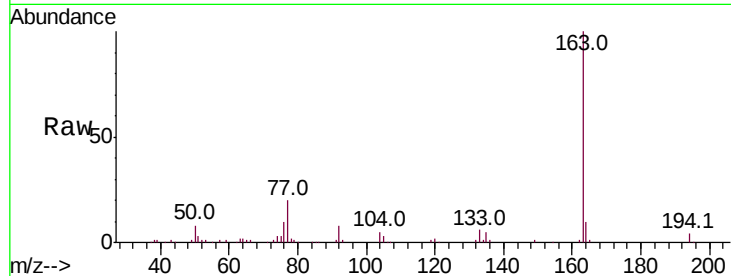
#50
Dimethylphthalate
Concen: 6.606 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF121794.D
Acq: 2 Oct 2020 15:09

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
163	100	127650		
194	3.6		3.3	4.9
164	10.3		8.2	12.4

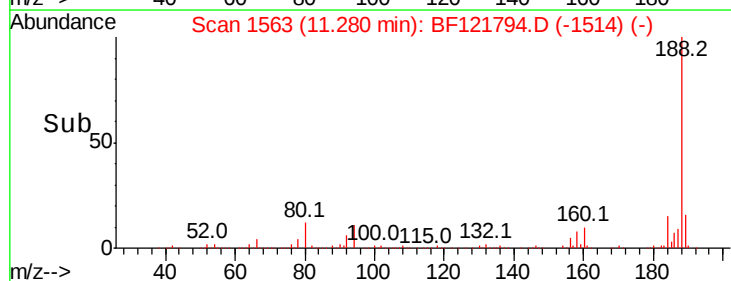
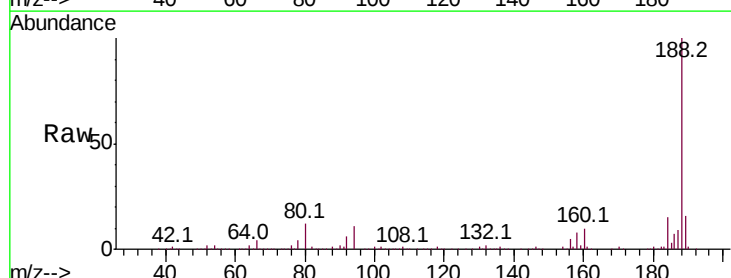
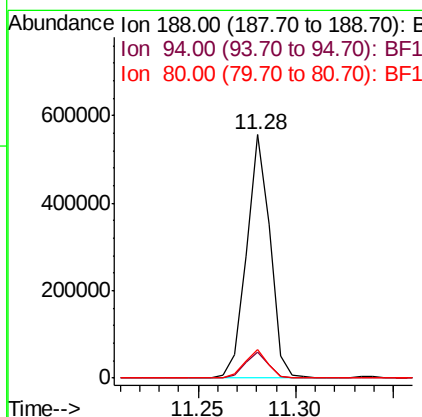
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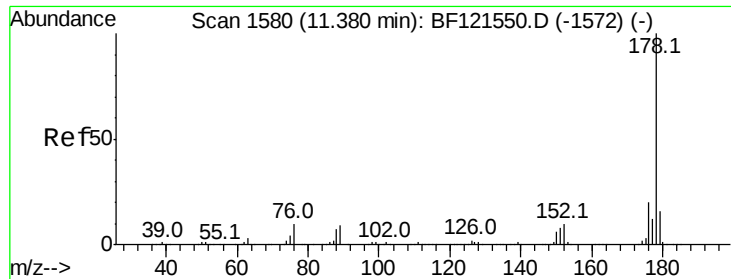
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF121794.D
Acq: 2 Oct 2020 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	462455		
94	10.9		8.3	12.5
80	11.7		9.1	13.7





#71

Phenanthrene

Concen: 2.796 ng

RT: 11.30 min Scan# 1567

Delta R.T. -0.02 min

Lab File: BF121794.D

Acq: 2 Oct 2020 15:09

Instrument :

BNA_F

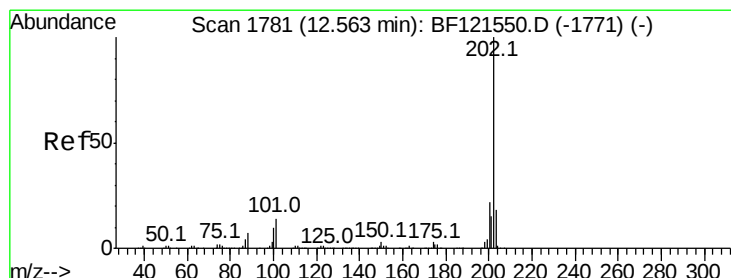
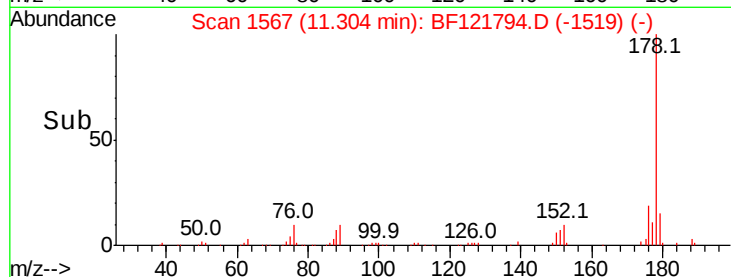
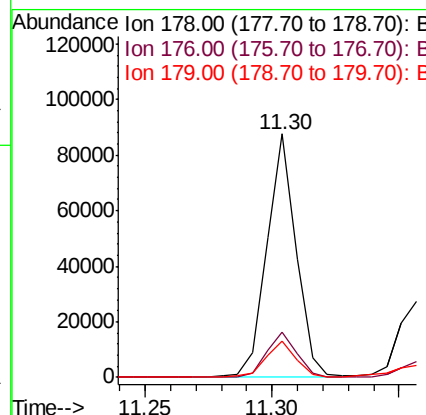
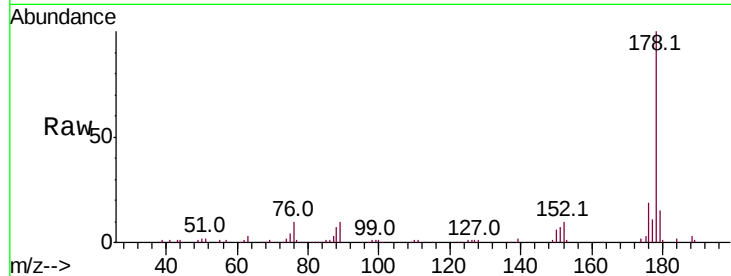
ClientSampleId :

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Tot Ion:	178	Resp:	70443
Ion Ratio	Lower	Upper	
178	100		
176	18.6	15.9	23.9
179	14.9	12.2	18.4

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#75

Fluoranthene

Concen: 5.766 ng

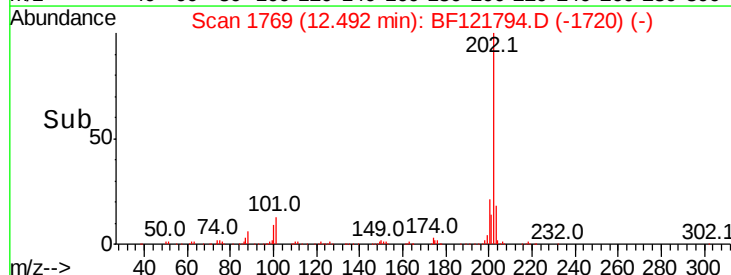
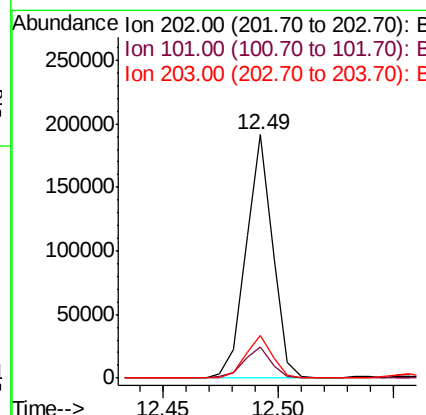
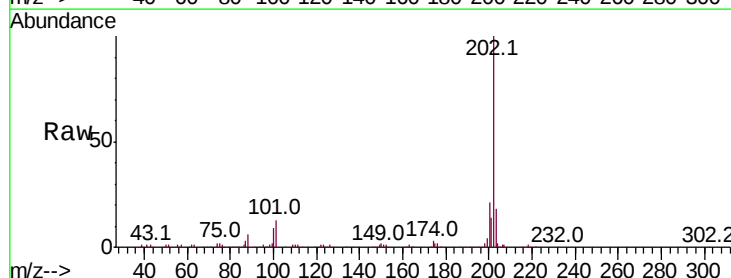
RT: 12.49 min Scan# 1769

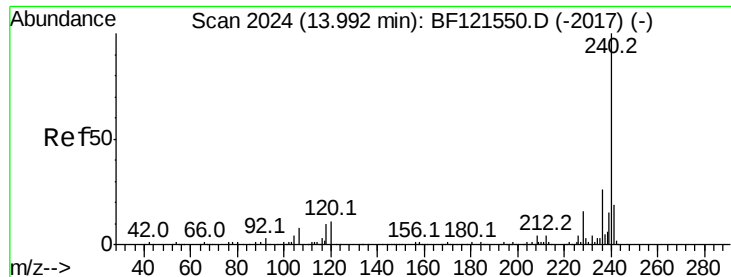
Delta R.T. -0.01 min

Lab File: BF121794.D

Acq: 2 Oct 2020 15:09

Tgt Ion:	202	Resp:	155081
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	33.4
203	17.7	0.0	37.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.02 min

Lab File: BF121794.D

Acq: 2 Oct 2020 15:09

Instrument :

BNA_F

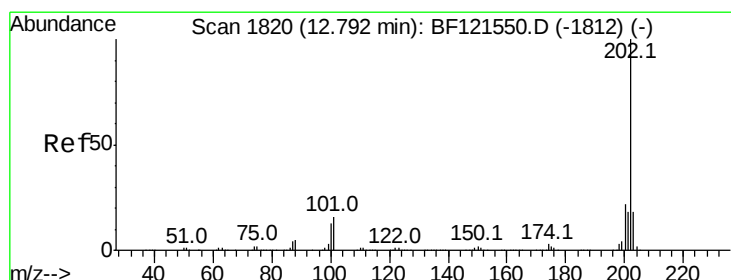
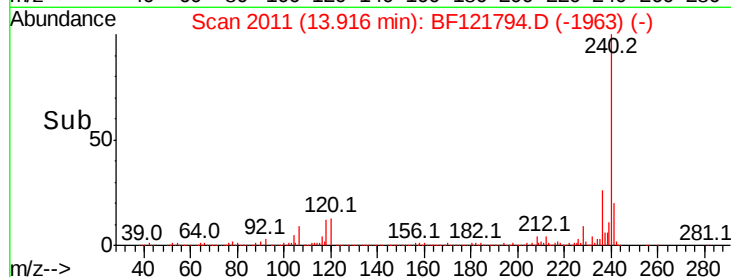
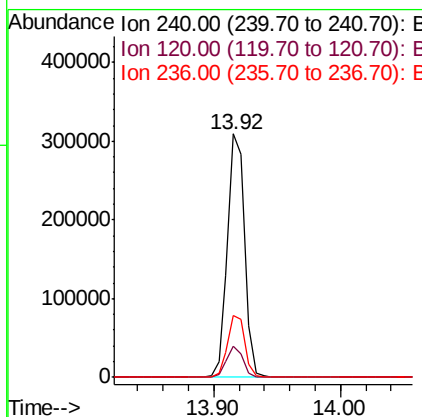
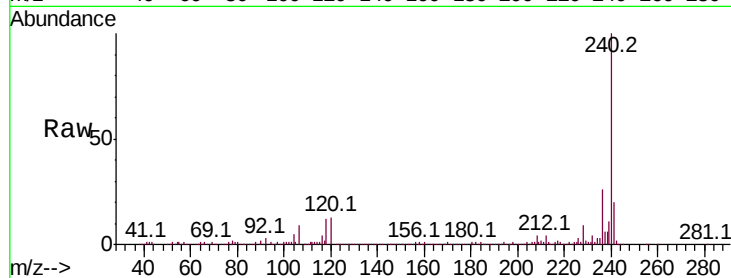
ClientSampleId :

RO-20

Tot Ion:	240	Resp:	289701
Ion Ratio	Lower	Upper	
240	100		
120	13.0	9.2	13.8
236	25.6	20.9	31.3

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#78

Pyrene

Concen: 6.434 ng

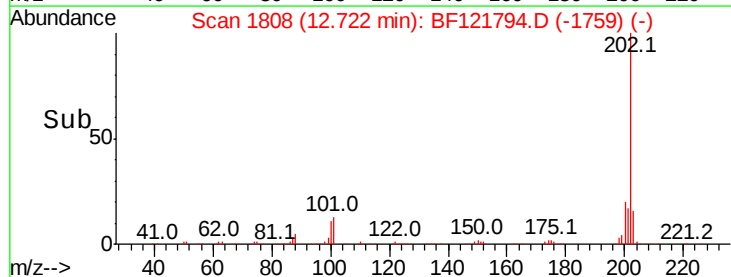
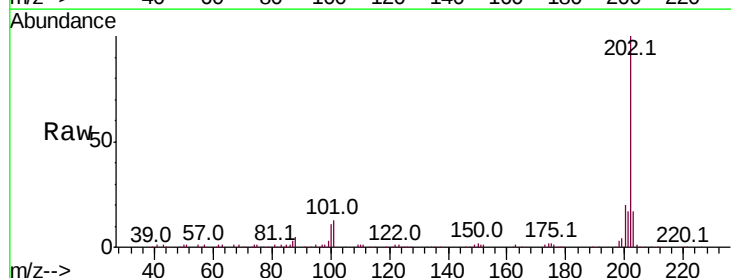
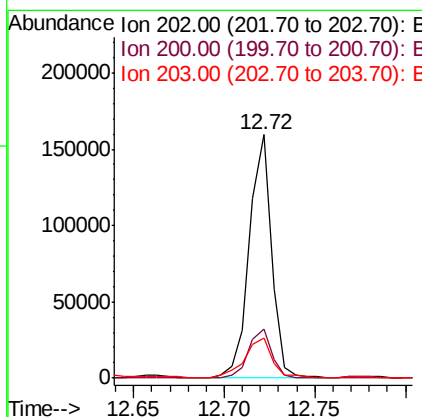
RT: 12.72 min Scan# 1808

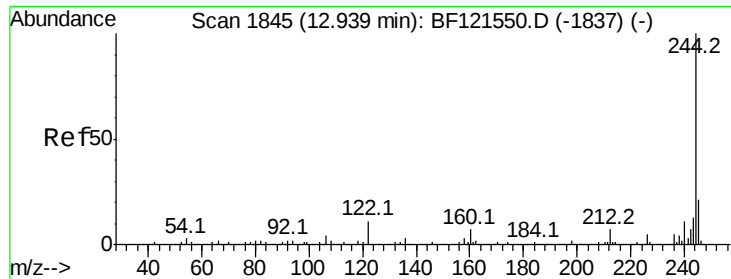
Delta R.T. -0.01 min

Lab File: BF121794.D

Acq: 2 Oct 2020 15:09

Tgt Ion:	202	Resp:	136187
Ion Ratio	Lower	Upper	
202	100		
200	20.1	17.4	26.2
203	16.6	14.6	21.8





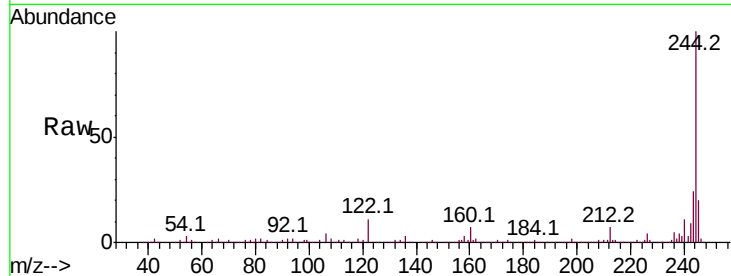
#79
 Terphenyl-d14
 Concen: 69.109 ng
 RT: 12.87 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BF121794.D
 Acq: 2 Oct 2020 15:09

Instrument :
 BNA_F
 ClientSampled :
 RO-20

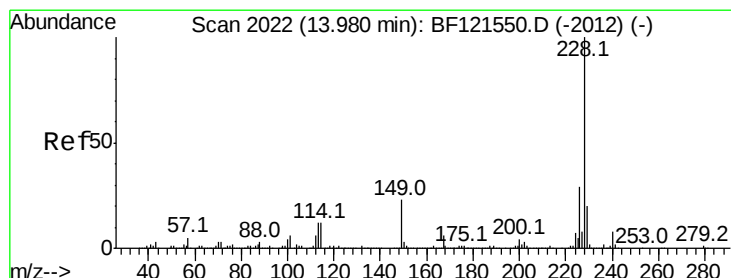
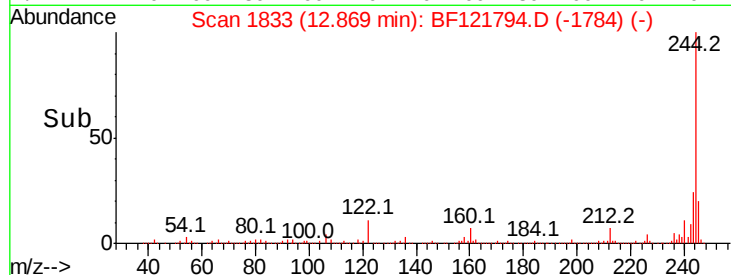
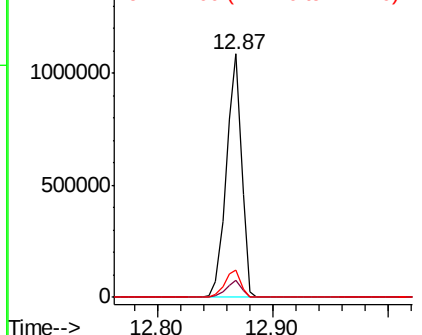
Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	7.1	5.4	8.2
122	11.0	8.1	12.1

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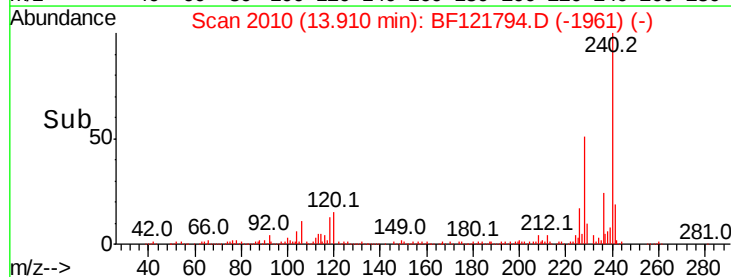
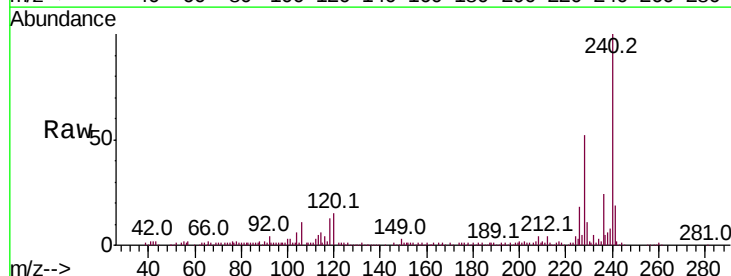
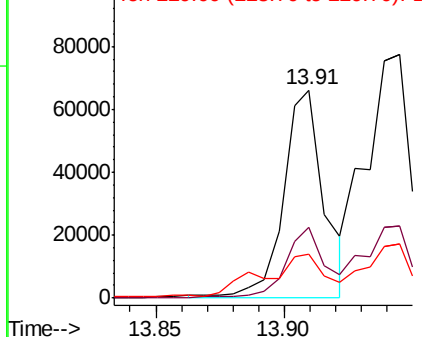
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

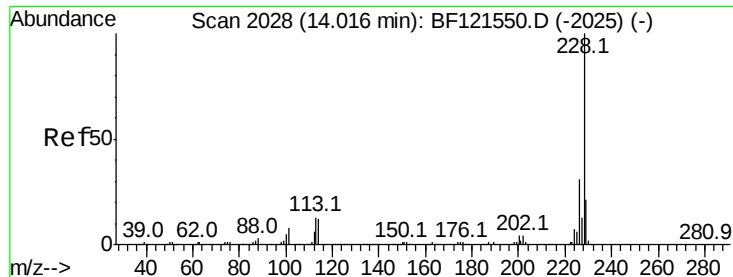


#81
 Benzo(a)anthracene
 Concen: 4.000 ng m
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF121794.D
 Acq: 2 Oct 2020 15:09

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	34.0	22.3	33.5#
229	20.9	16.2	24.4

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





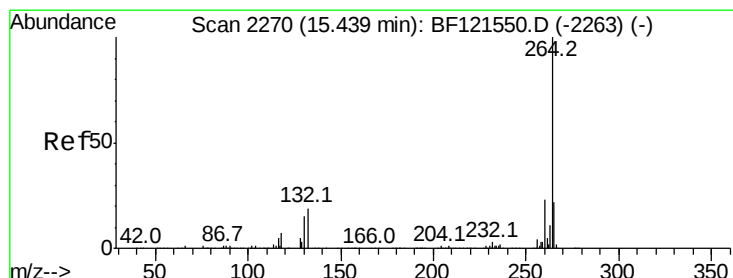
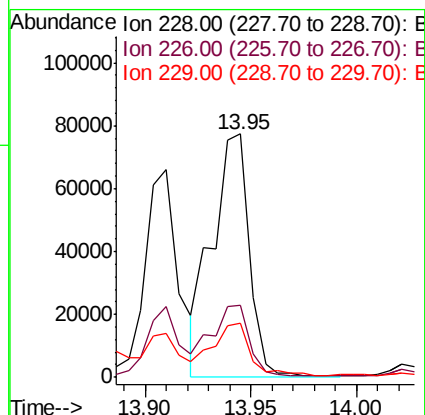
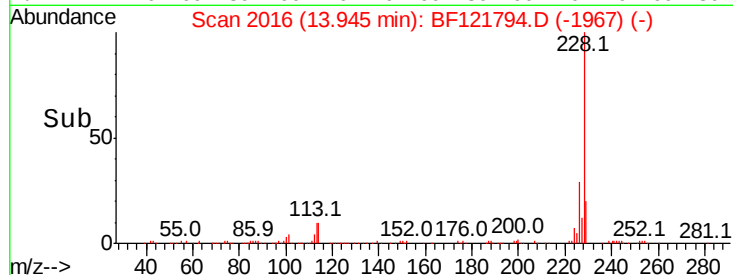
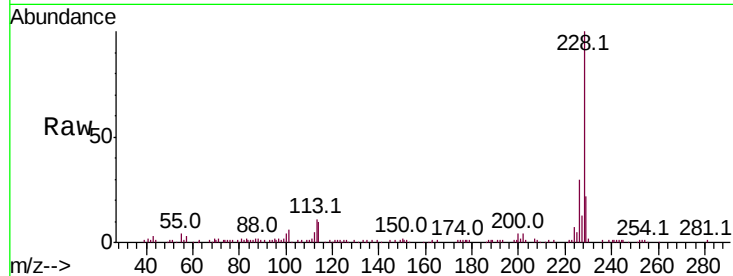
#83
Chrysene
Concen: 5.070 ng
RT: 13.95 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF121794.D
Acq: 2 Oct 2020 15:09

Instrument :
BNA_F
ClientSampled :
RO-20

Tot Ion:	228	Resp:	94103
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.6	37.0
229	22.0	15.9	23.9

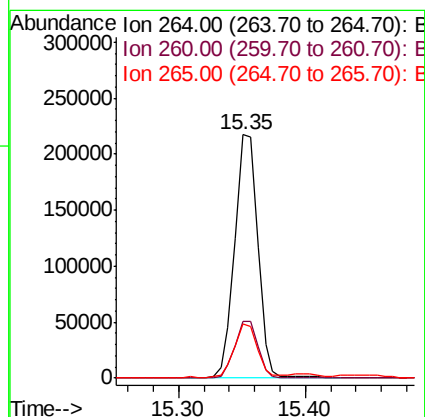
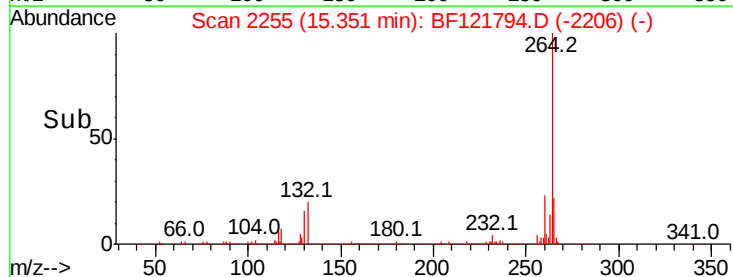
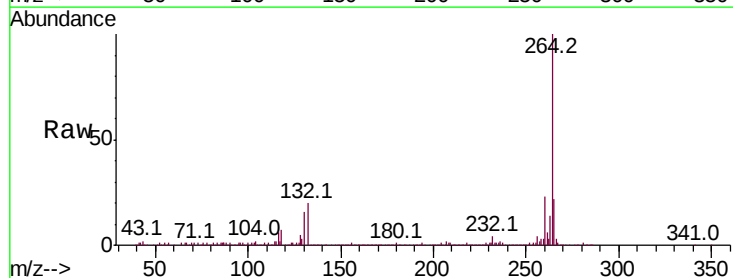
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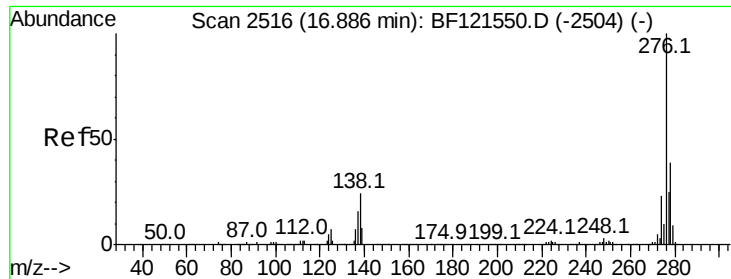
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.35 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BF121794.D
Acq: 2 Oct 2020 15:09

Tgt Ion:	264	Resp:	271708
Ion Ratio	Lower	Upper	
264	100		
260	23.3	18.7	28.1
265	22.2	17.3	25.9





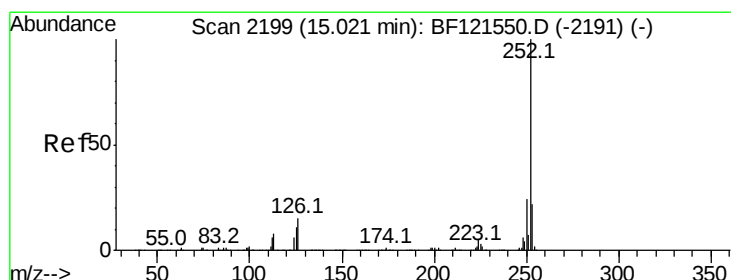
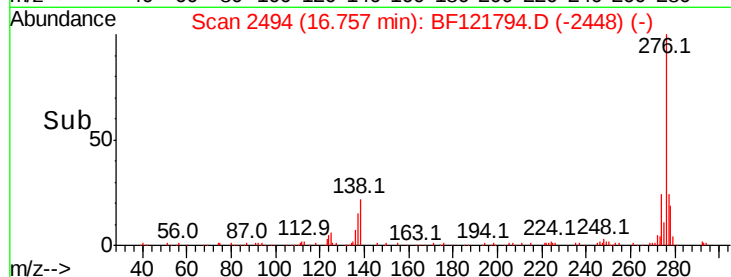
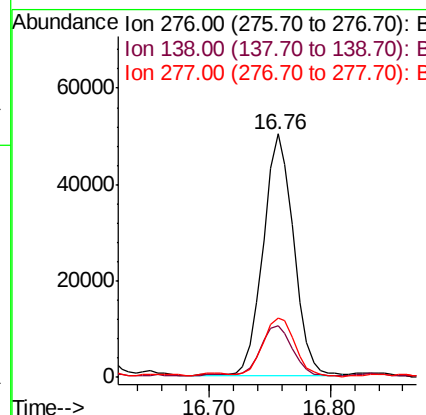
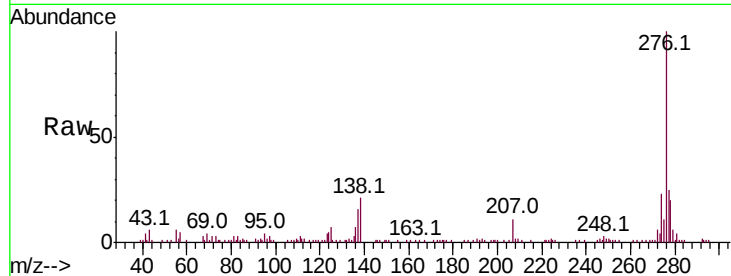
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.950 ng
 RT: 16.76 min Scan# 2494
 Delta R.T. -0.03 min
 Lab File: BF121794.D
 Acq: 2 Oct 2020 15:09

Instrument :
 BNA_F
 ClientSampleId :
 RO-20

Tot Ion:	276	Resp:	87591
Ion Ratio	Lower	Upper	
276	100		
138	21.1	19.9	29.9
277	26.8	20.4	30.6

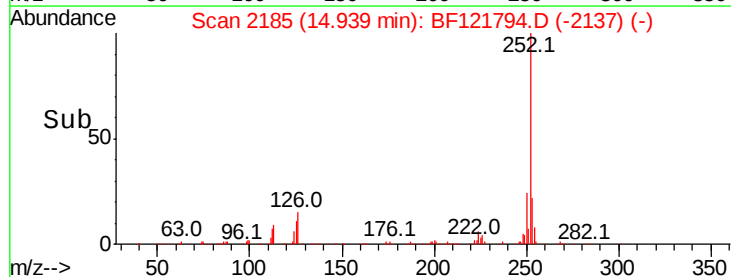
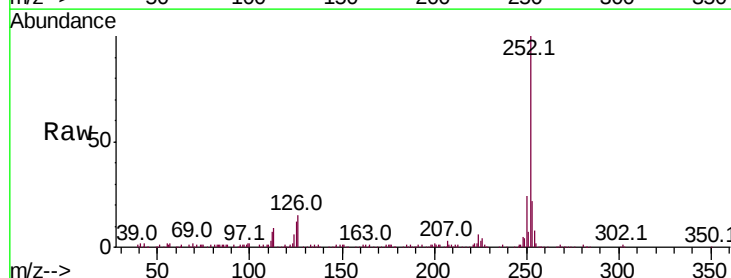
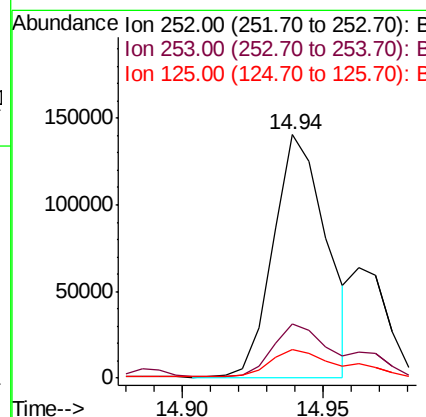
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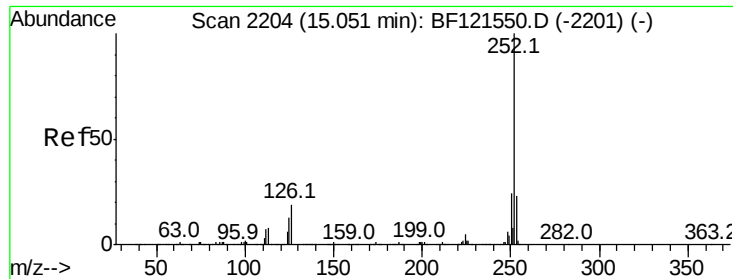
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#88
 Benzo(b)fluoranthene
 Concen: 10.158 ng m
 RT: 14.94 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BF121794.D
 Acq: 2 Oct 2020 15:09

Tgt Ion:	252	Resp:	184512
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.2	27.2
125	11.6	8.0	12.0





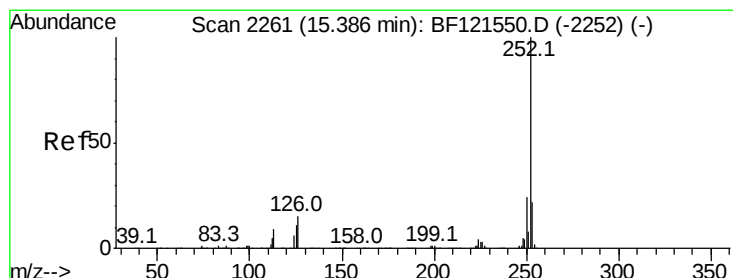
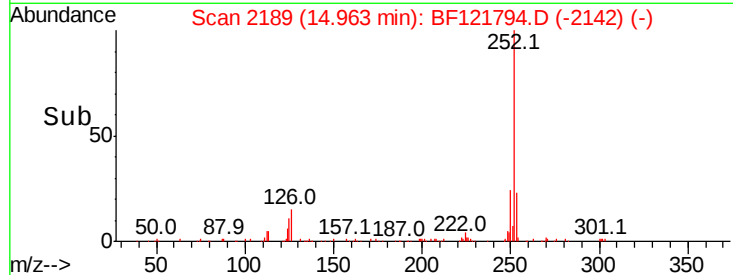
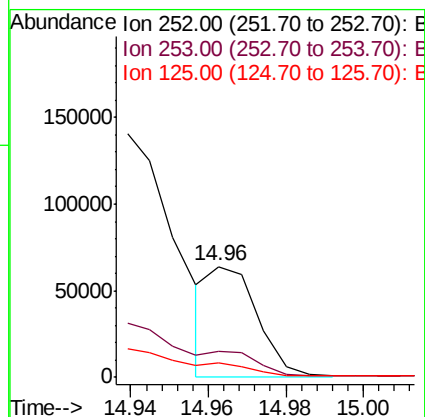
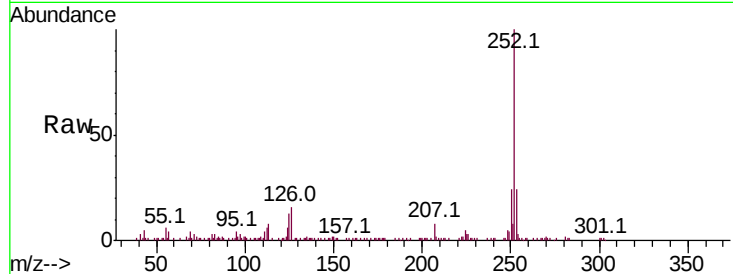
#89
Benzo(k)fluoranthene
Concen: 3.375 ng m
RT: 14.96 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BF121794.D
Acq: 2 Oct 2020 15:09

Instrument :
BNA_F
ClientSampled :
RO-20

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.6
125	12.7	7.7	11.5

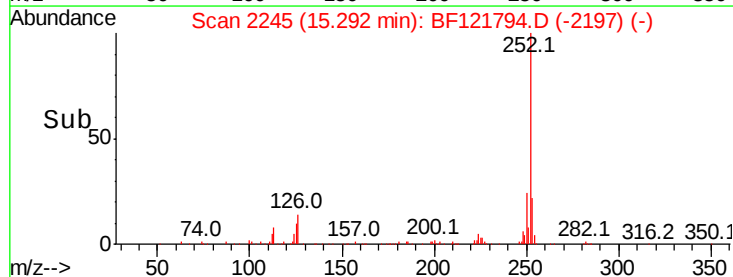
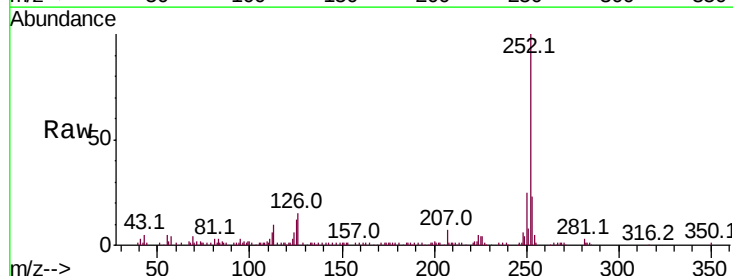
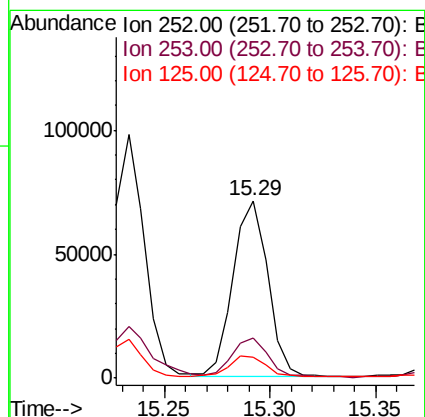
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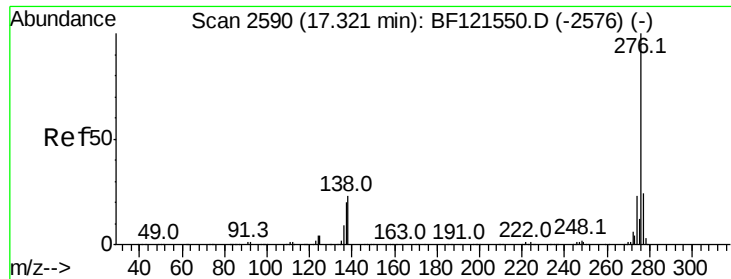
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#90
Benzo(a)pyrene
Concen: 5.300 ng
RT: 15.29 min Scan# 2245
Delta R.T. -0.02 min
Lab File: BF121794.D
Acq: 2 Oct 2020 15:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	12.0	8.6	13.0





#92
 Benzo(a,h,i)perylene
 Concen: 6.363 ng
 RT: 17.19 min Scan# 2567
 Delta R.T. -0.02 min
 Lab File: BF121794.D
 Acq: 2 Oct 2020 15:09

Instrument :
 BNA_F
 ClientSampleId :
 RO-20

Tot Ion:	276	Resp:	92122
Ion Ratio	Lower	Upper	
276	100		
277	24.4	19.4	29.2
138	21.9	17.8	26.6

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