

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
 Data File : BF120691.D
 Acq On : 22 Jun 2020 22:34
 Operator : JU/CG
 Sample : L3082-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-13

Manual Integrations
 APPROVED

Sohil
 6/23/2020 2:03:44 PM

Quant Time: Jun 23 02:58:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	146365	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	547524	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	281539	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	562549	20.00	ng	0.00
76) Chrysene-d12	13.96	240	484354	20.00	ng	0.00
86) Perylene-d12	15.40	264	483224	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	335932	39.35	ng	-0.01
7) Phenol-d6	6.43	99	814975	76.65	ng	-0.01
23) Nitrobenzene-d5	7.36	82	700268	71.49	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	99852	30.51	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1338255	72.73	ng	0.00
79) Terphenyl-d14	12.91	244	1659682	75.69	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.55	163	135630	6.689	ng	99
71) Phenanthrene	11.34	178	246036	8.798	ng	99
75) Fluoranthene	12.53	202	473006	14.794	ng	98
78) Pyrene	12.76	202	434625	12.667	ng	98
81) Benzo(a)anthracene	13.95	228	236651m	8.132	ng	
83) Chrysene	13.99	228	233526	7.824	ng	98
87) Indeno(1,2,3-cd)pyrene	16.82	276	174469	5.936	ng	97
88) Benzo(b)fluoranthene	14.99	252	393539m	13.672	ng	
89) Benzo(k)fluoranthene	15.01	252	119030m	4.673	ng	
90) Benzo(a)pyrene	15.34	252	257192	9.984	ng	98
92) Benzo(g,h,i)perylene	17.25	276	178010	7.492	ng	100

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

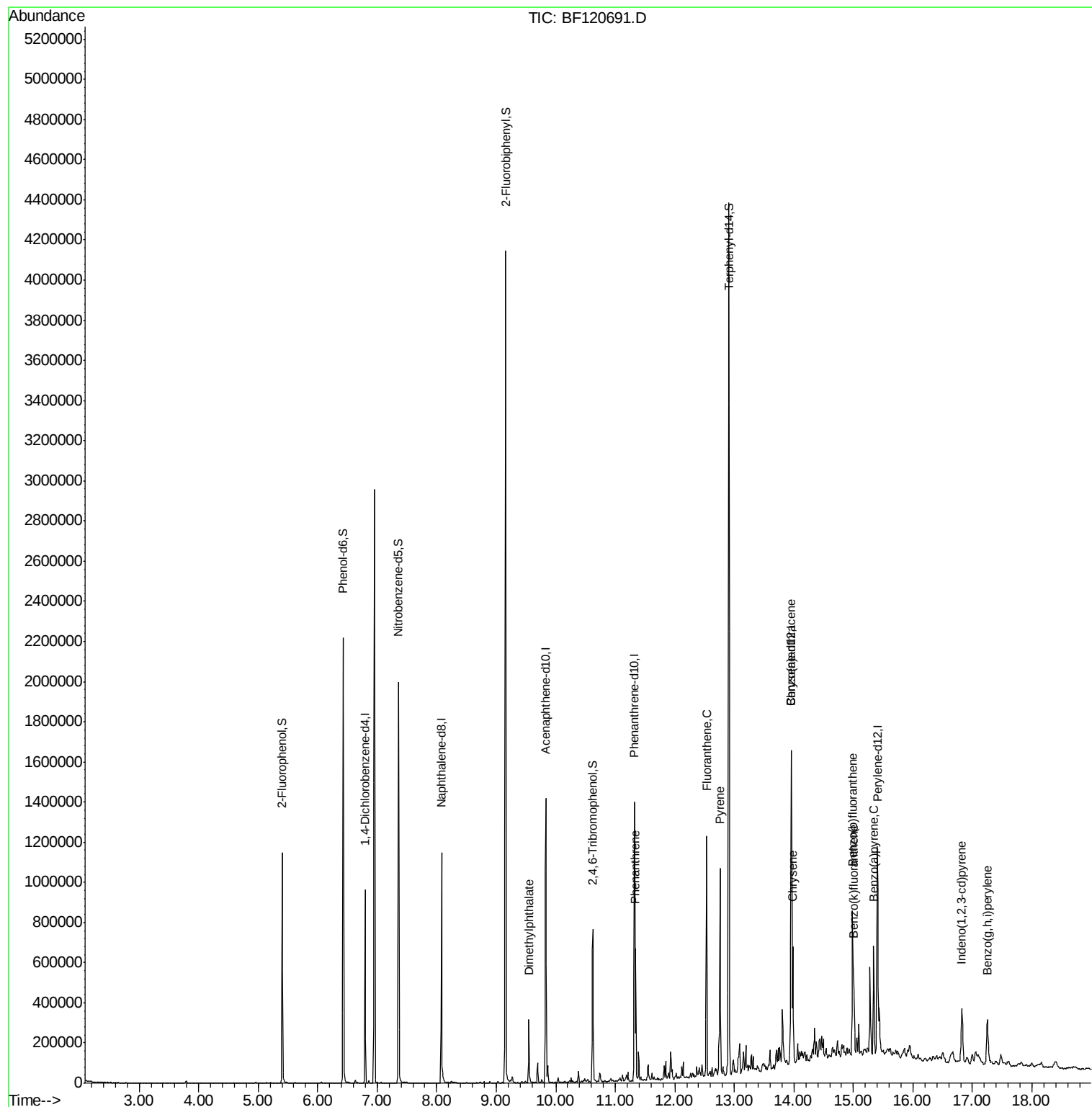
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
Data File : BF120691.D
Acq On : 22 Jun 2020 22:34
Operator : JU/CG
Sample : L3082-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

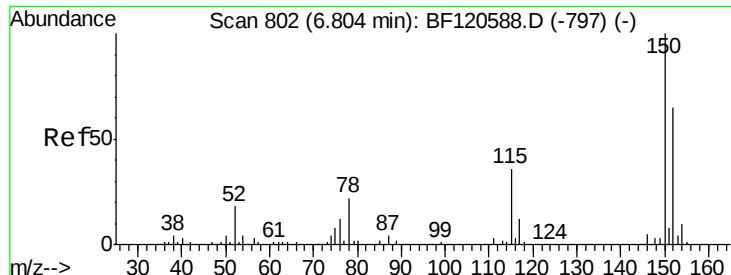
Instrument :
BNA_F
ClientSampleId :
SB-13

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Quant Time: Jun 23 02:58:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

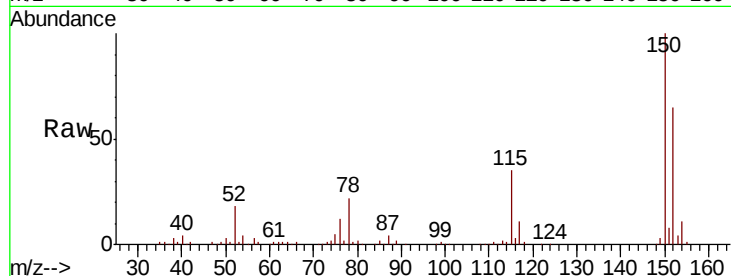
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120691.D
Acq: 22 Jun 2020 22:34

Instrument :
BNA_F
ClientSampled :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	123.2	184.8
115	54.8	43.9	65.9

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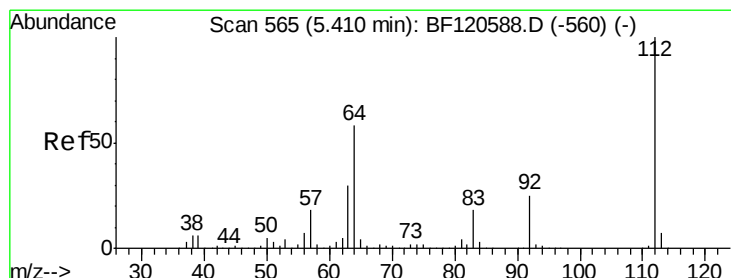
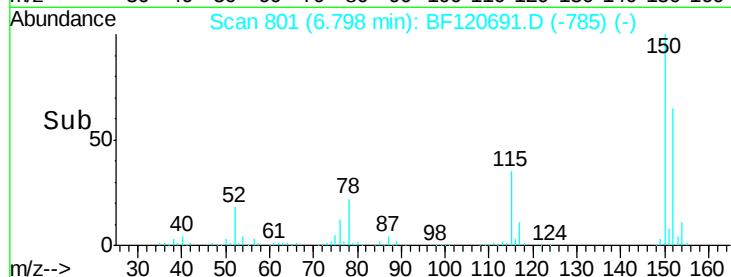
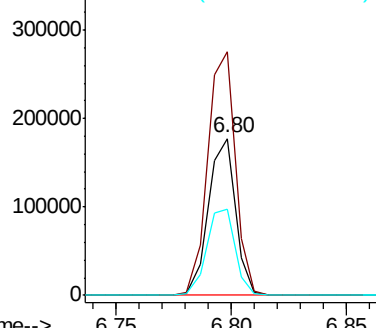


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

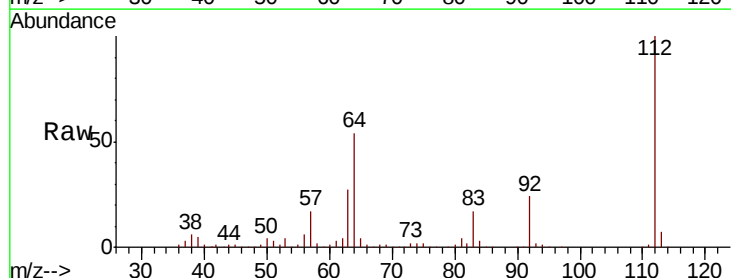
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 39.350 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF120691.D
Acq: 22 Jun 2020 22:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	46.1	69.1
63	26.9	23.7	35.5

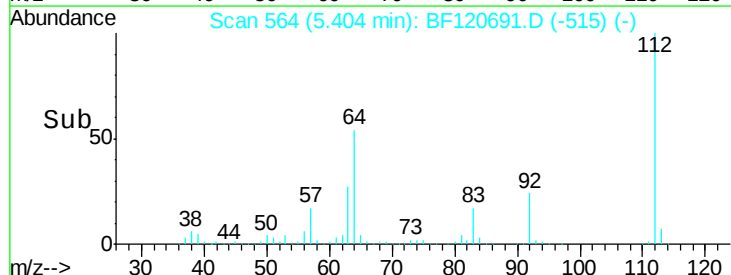
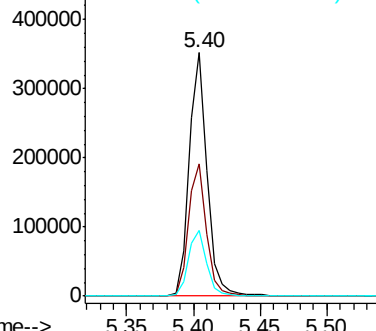


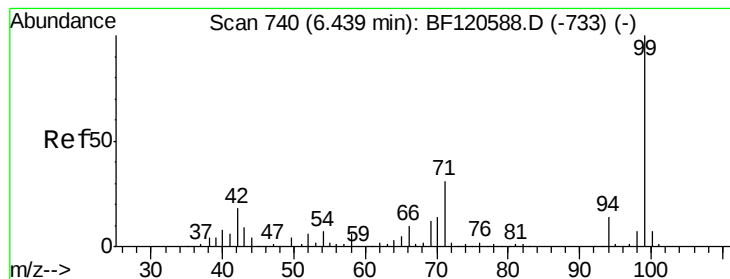
Abundance

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: 76.646 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF120691.D

Acq: 22 Jun 2020 22:34

Instrument :

BNA_F

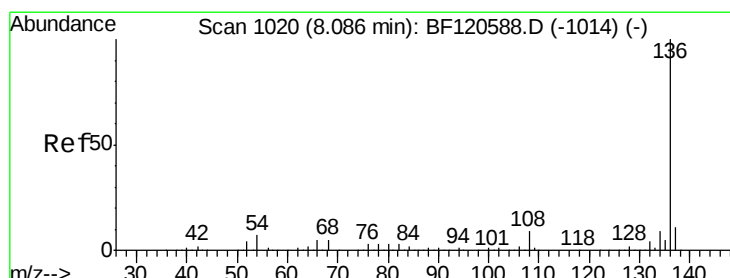
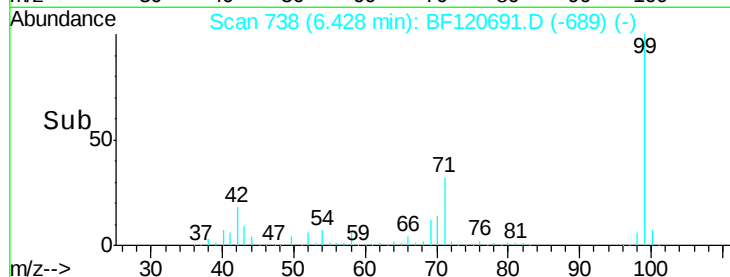
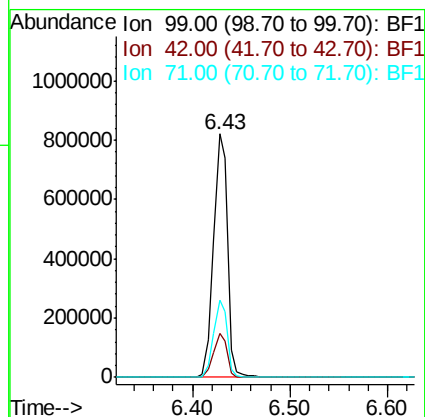
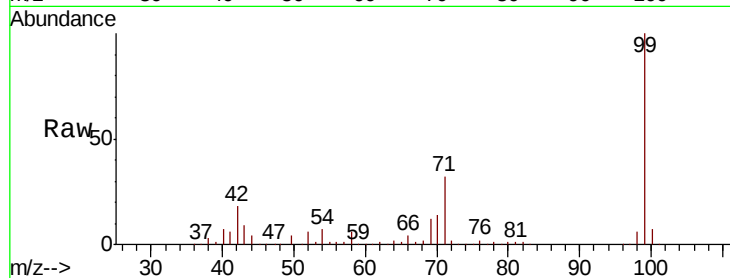
ClientSampled :

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Tot Ion:	99	Resp:	814975
Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.0	21.0
71	31.7	24.9	37.3

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#21

Naphthalene-d8

Concen: 20.000 ng

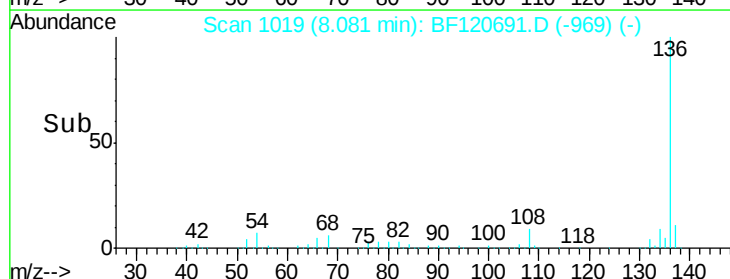
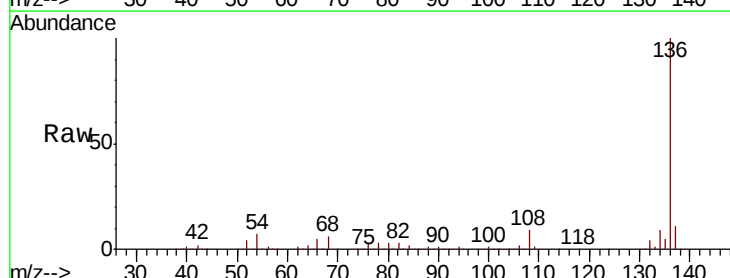
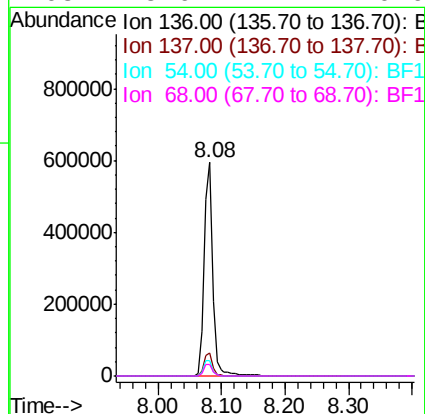
RT: 8.08 min Scan# 1019

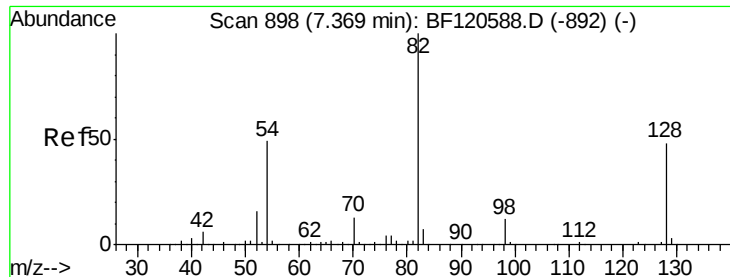
Delta R.T. -0.01 min

Lab File: BF120691.D

Acq: 22 Jun 2020 22:34

Tgt Ion:	136	Resp:	547524
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	7.0	5.8	8.6
68	5.6	4.4	6.6





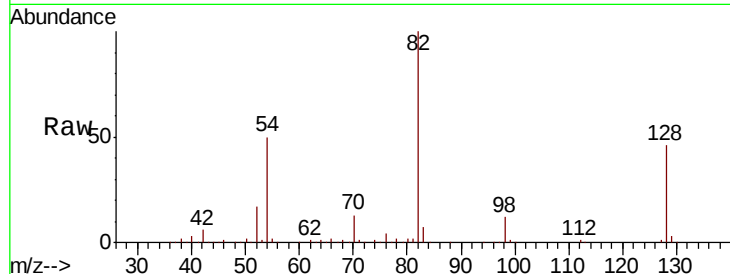
#23
 Nitrobenzene-d5
 Concen: 71.490 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF120691.D
 Acq: 22 Jun 2020 22:34

Instrument :
 BNA_F
 ClientSampled :
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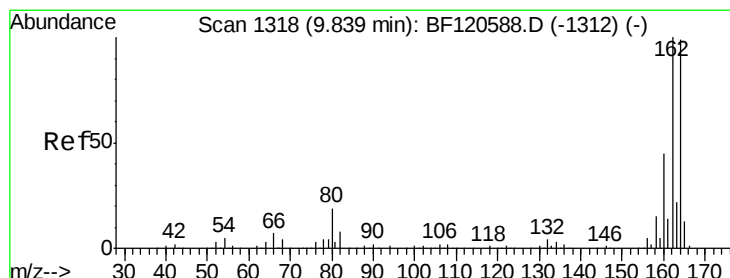
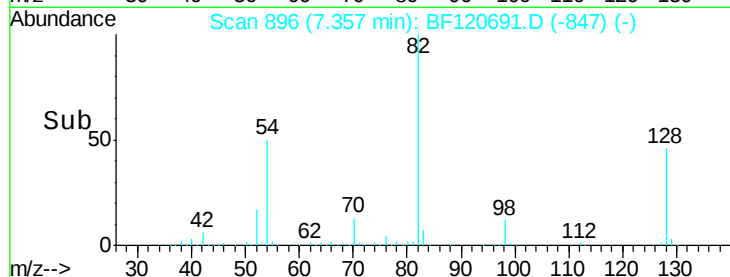
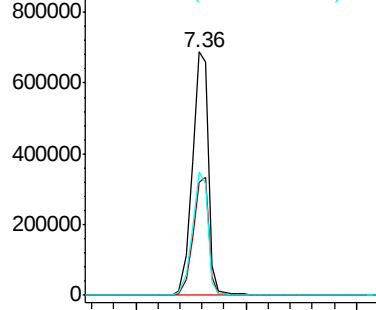
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	38.0	57.0
54	50.5	38.8	58.2

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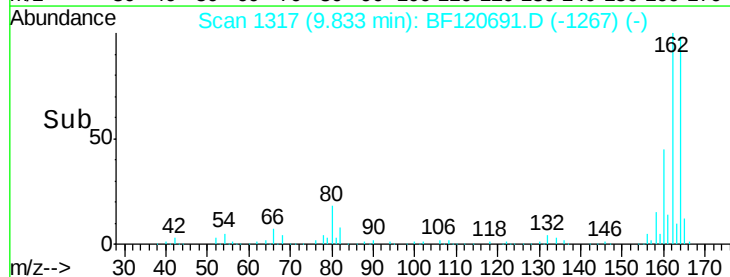
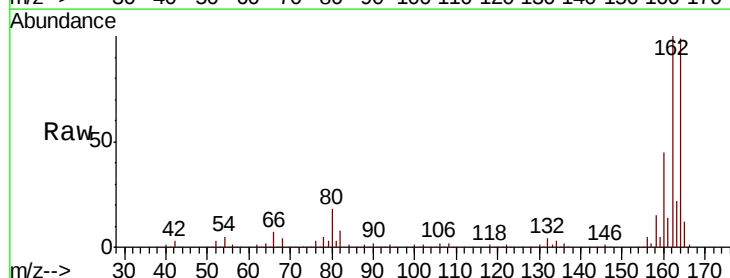
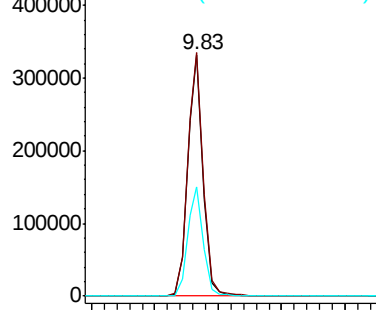
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

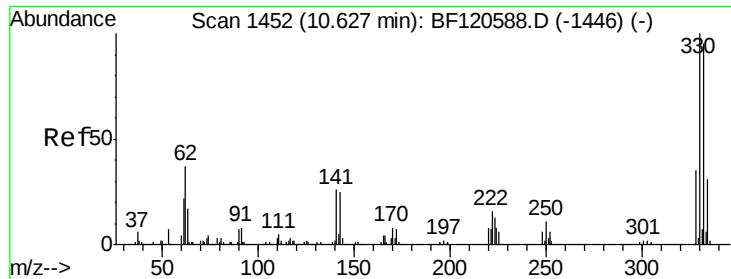


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF120691.D
 Acq: 22 Jun 2020 22:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.6	120.8
160	45.4	36.2	54.2

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: 30.505 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF120691.D

Acq: 22 Jun 2020 22:34

Instrument :

BNA_F

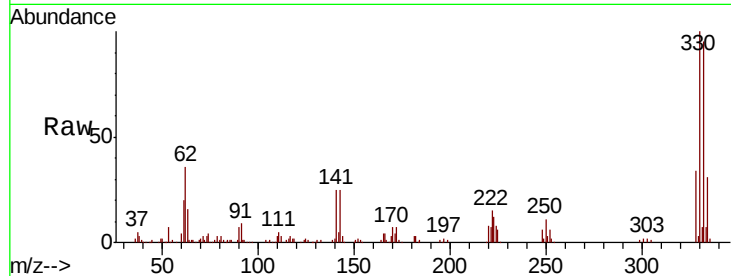
ClientSampled :

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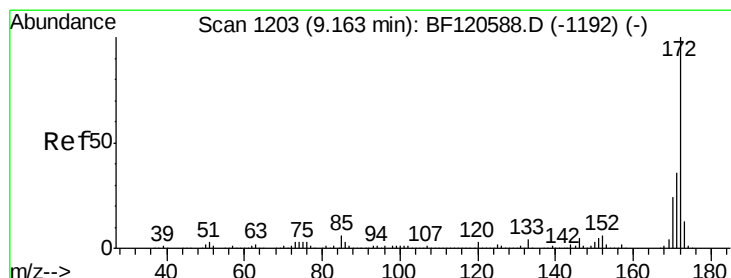
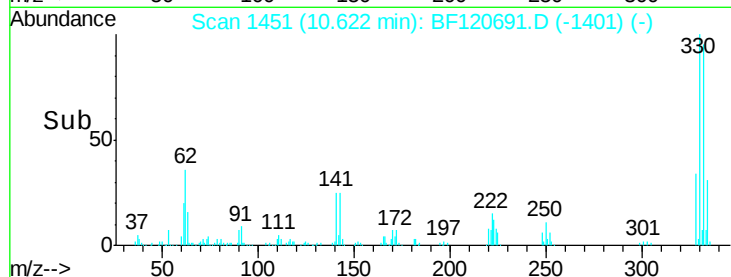
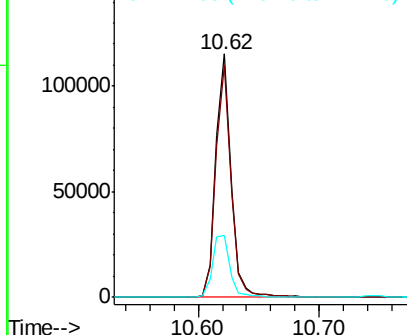
Tot Ion:	330	Resp:	99852
Ion Ratio	Lower	Upper	
330	100		
332	94.9	76.8	115.2
141	29.7	23.2	34.8

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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: 72.726 ng

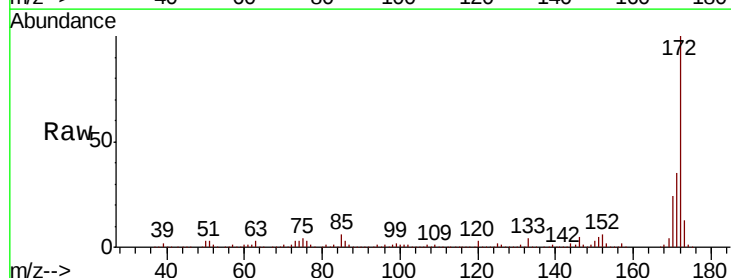
RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

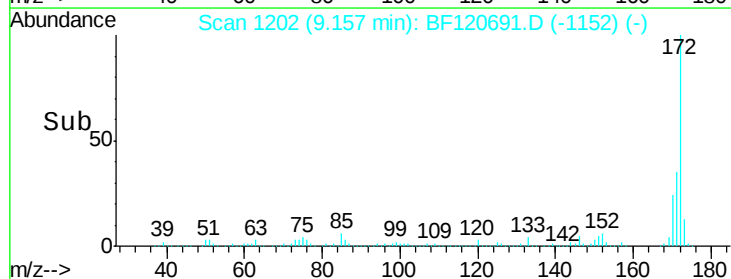
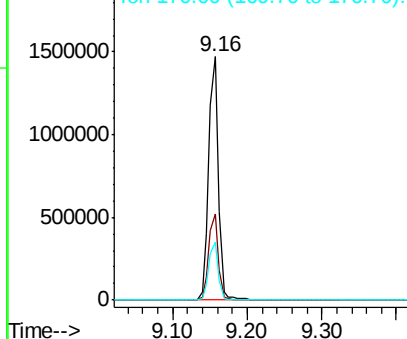
Lab File: BF120691.D

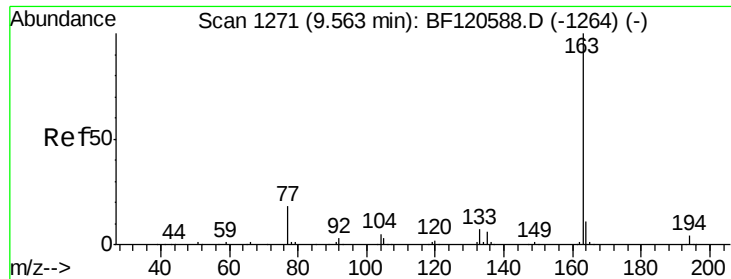
Acq: 22 Jun 2020 22:34

Tgt Ion:	172	Resp:	1338255
Ion Ratio	Lower	Upper	
172	100		
171	35.2	29.0	43.4
170	24.1	19.4	29.2



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: 6.689 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF120691.D

Acq: 22 Jun 2020 22:34

Instrument :

BNA_F

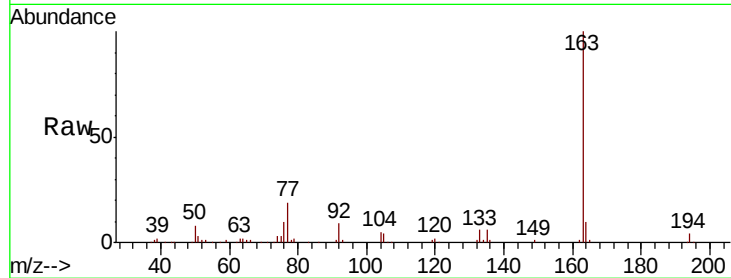
ClientSampled :

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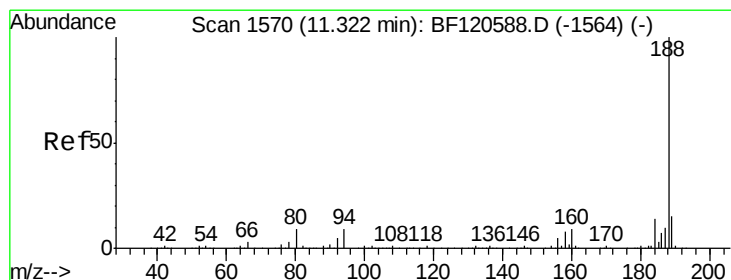
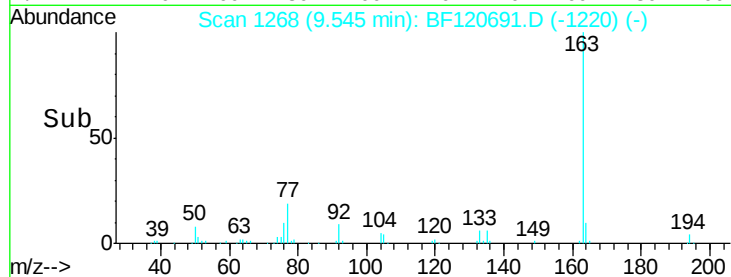
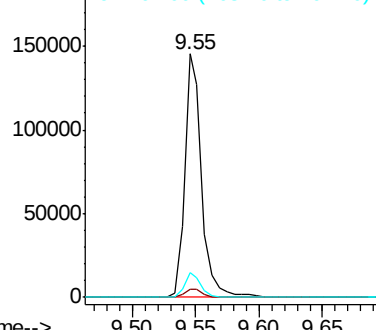
Tot Ion:	163	Resp:	135630
Ion Ratio	Lower	Upper	
163	100		
194	3.5	3.1	4.7
164	10.0	8.5	12.7

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Abundance Ion 163.00 (162.70 to 163.70): E
200000 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

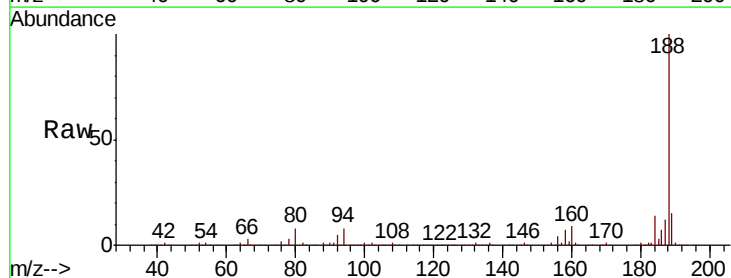
RT: 11.32 min Scan# 1570

Delta R.T. 0.00 min

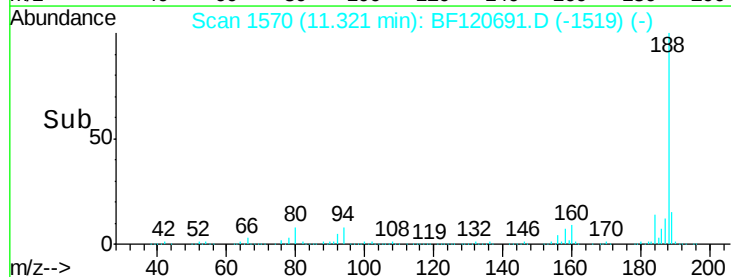
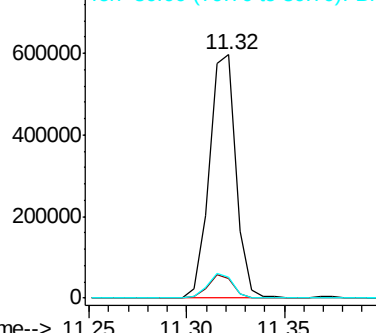
Lab File: BF120691.D

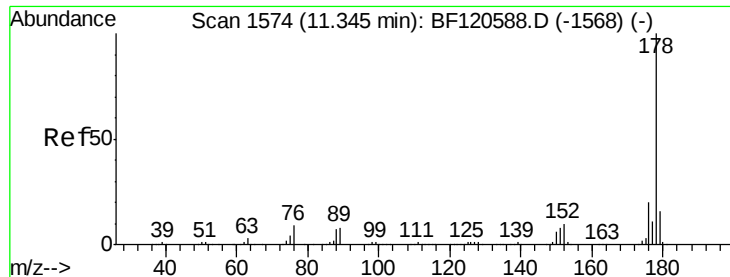
Acq: 22 Jun 2020 22:34

Tgt Ion:	188	Resp:	562549
Ion Ratio	Lower	Upper	
188	100		
94	8.1	7.2	10.8
80	8.5	7.4	11.2



Abundance Ion 188.00 (187.70 to 188.70): E
800000 Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





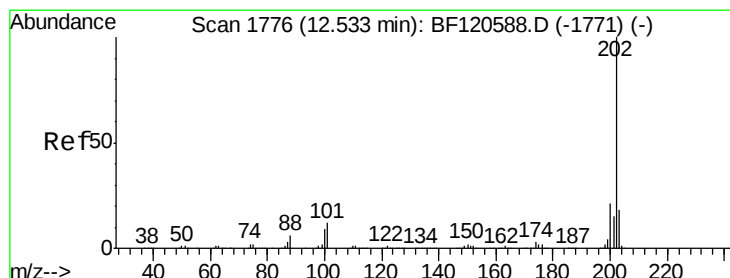
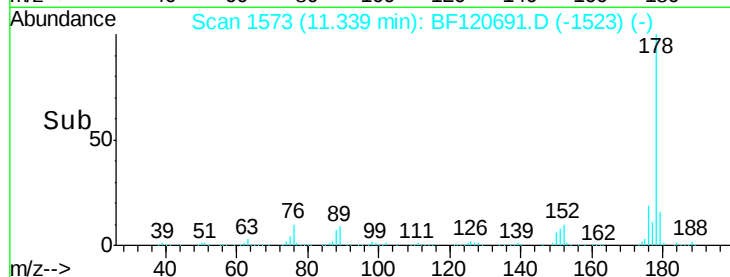
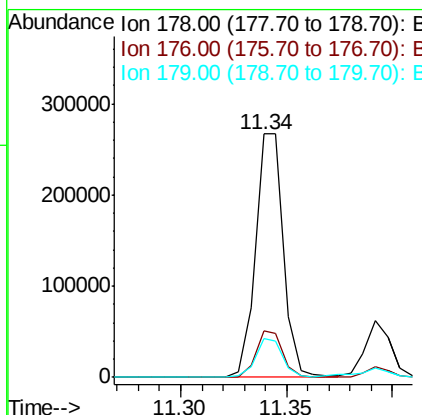
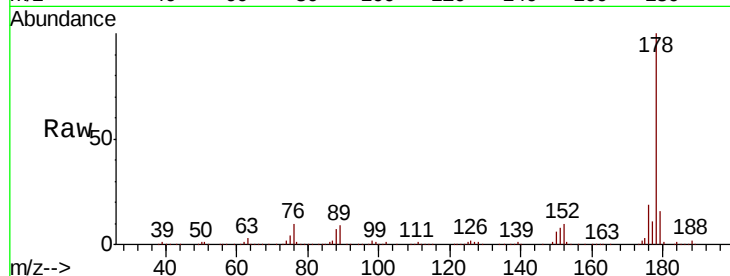
#71
Phenanthrene
Concen: 8.798 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF120691.D
Acq: 22 Jun 2020 22:34

Instrument :
BNA_F
ClientSampled :
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Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.9	23.9
179	15.8	12.8	19.2

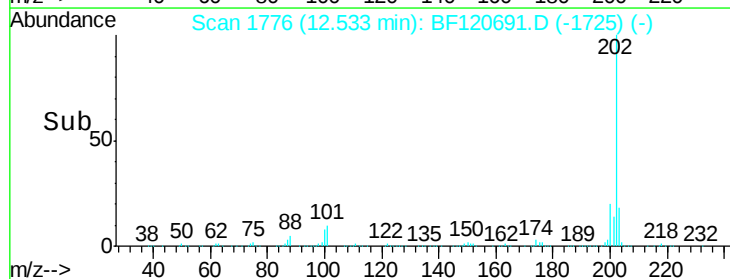
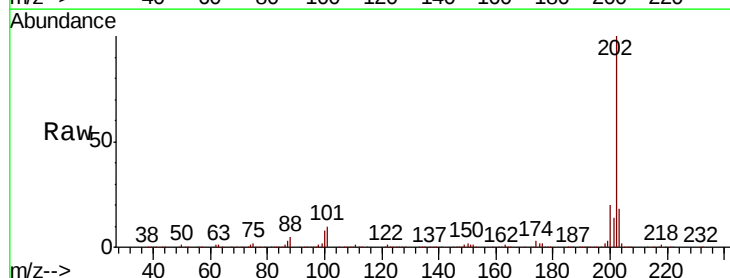
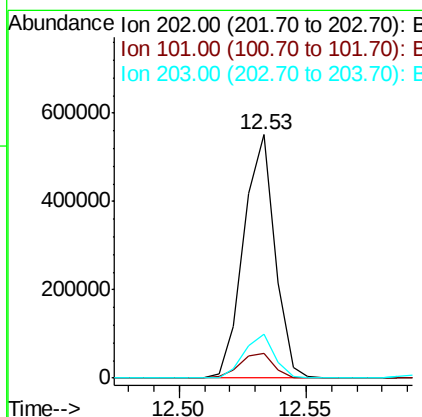
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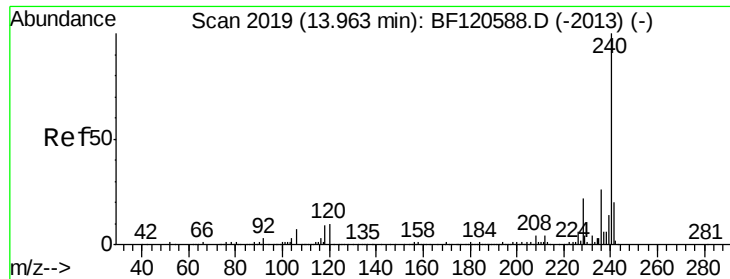
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#75
Fluoranthene
Concen: 14.794 ng
RT: 12.53 min Scan# 1776
Delta R.T. 0.00 min
Lab File: BF120691.D
Acq: 22 Jun 2020 22:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	32.0
203	17.9	0.0	38.3





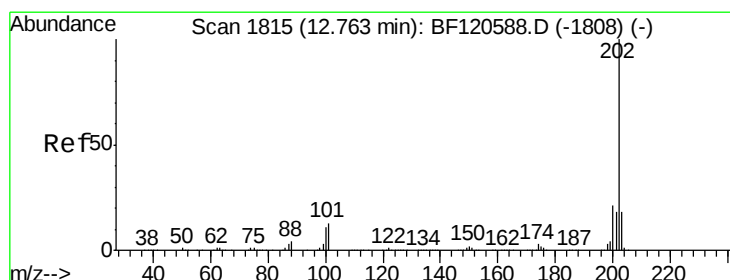
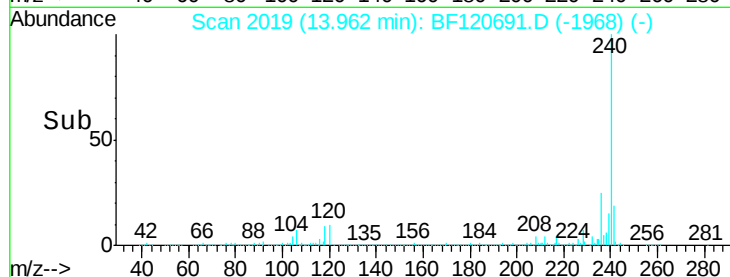
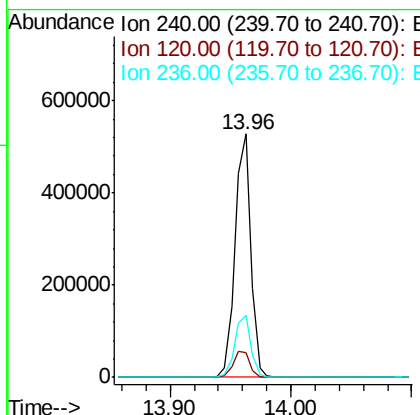
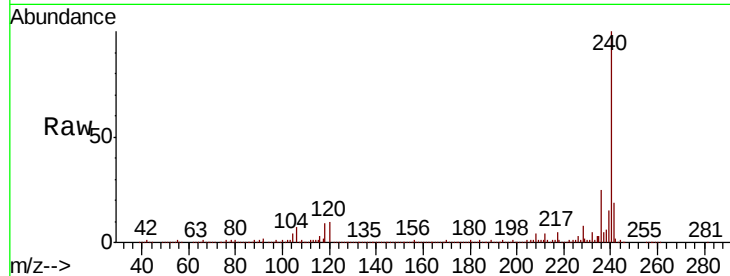
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF120691.D
Acq: 22 Jun 2020 22:34

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
240	100	484354		
120	10.0	8.3	12.5	
236	25.5	21.0	31.4	

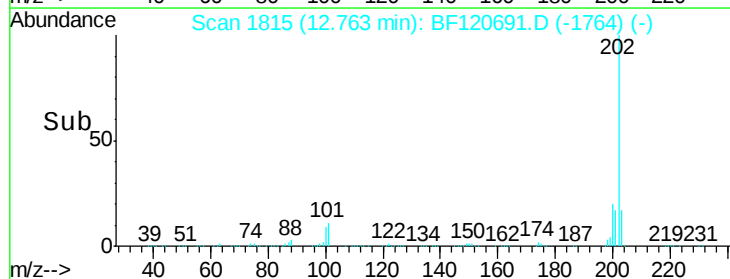
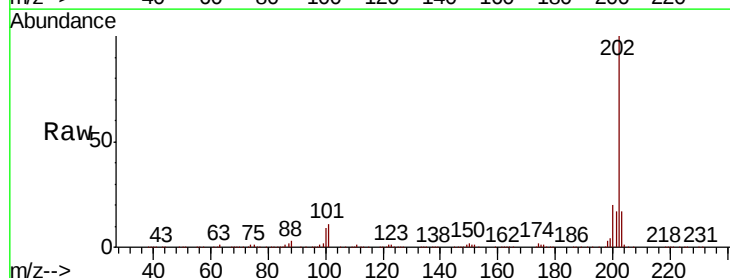
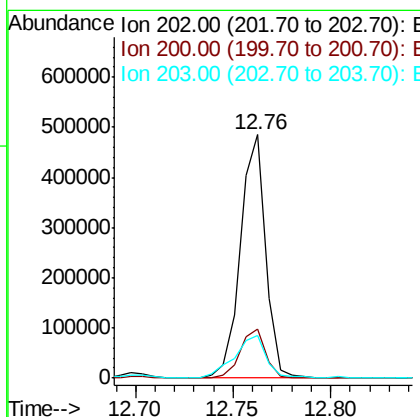
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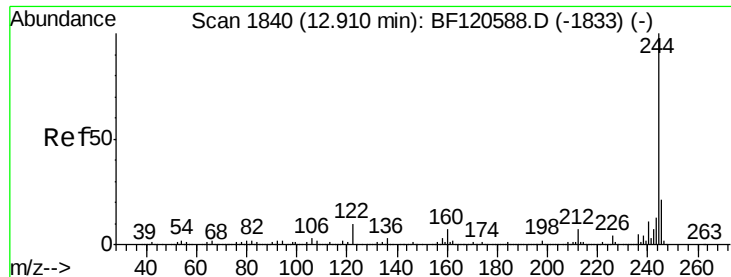
Sohil
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#78
Pyrene
Concen: 12.667 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.00 min
Lab File: BF120691.D
Acq: 22 Jun 2020 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	434625		
200	19.9	16.8	25.2	
203	17.3	14.3	21.5	





#79

Terphenyl-d14

Concen: 75.689 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF120691.D

Acq: 22 Jun 2020 22:34

Instrument :

BNA_F

ClientSampleId :

SB-13

Tot Ion:244 Resp: 1659682

Ion Ratio Lower Upper

244 100

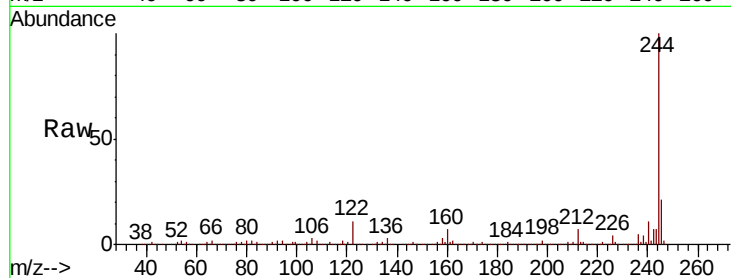
212 7.0 5.7 8.5

122 10.6 8.3 12.5

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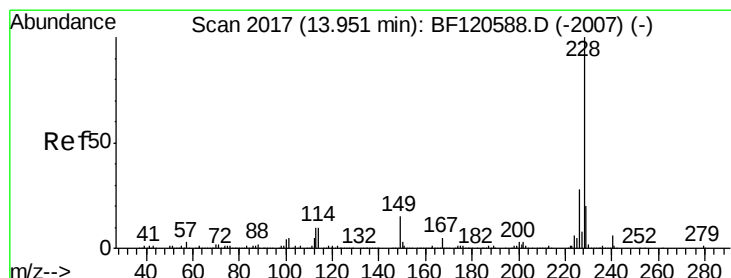
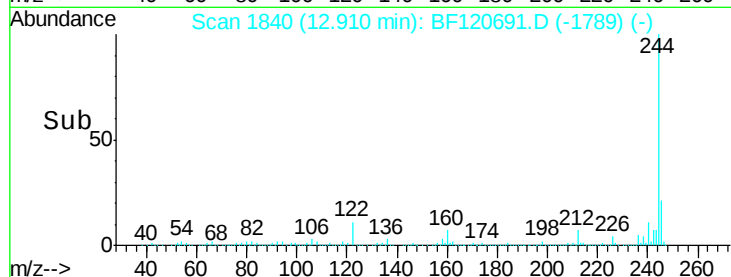
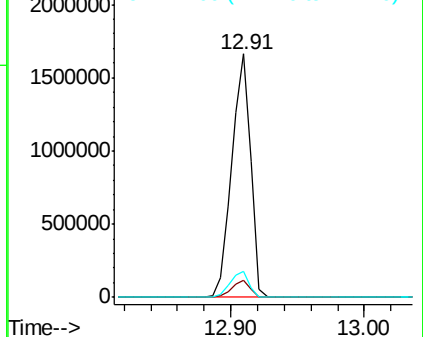
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 8.132 ng m

RT: 13.95 min Scan# 1717

Delta R.T. 0.00 min

Lab File: BF120691.D

Acq: 22 Jun 2020 22:34

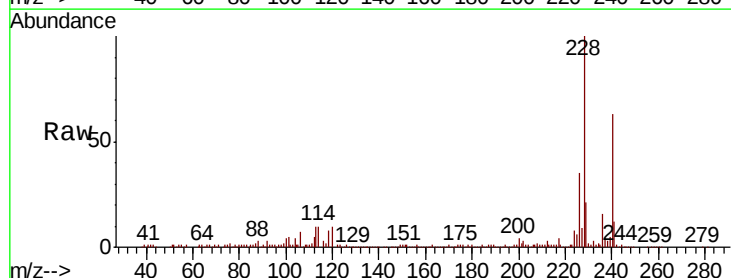
Tgt Ion:228 Resp: 236651

Ion Ratio Lower Upper

228 100

226 35.3 22.5 33.7#

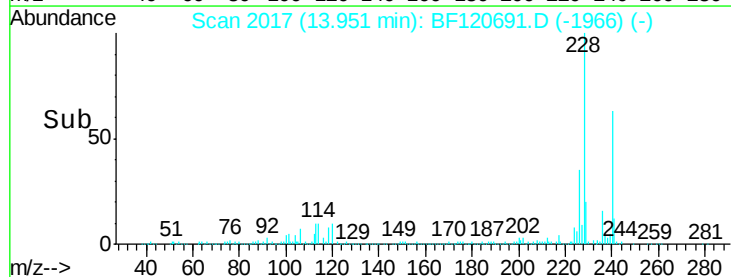
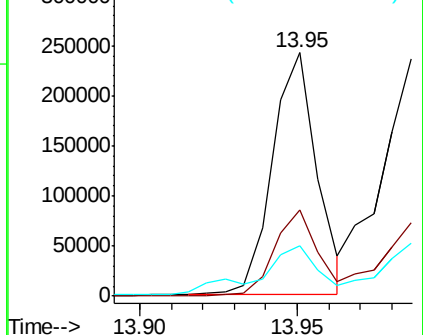
229 20.8 16.1 24.1

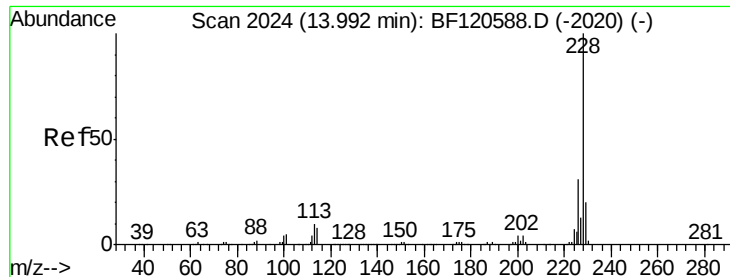


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





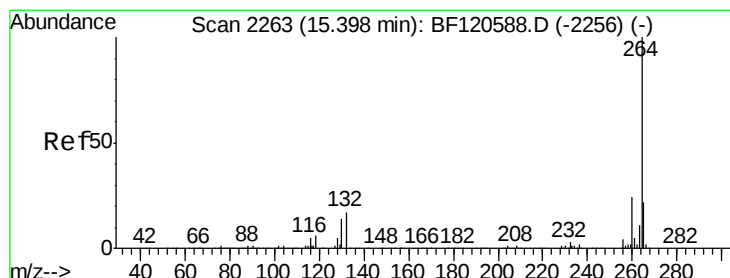
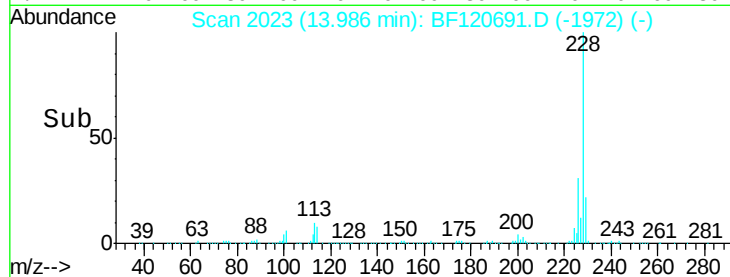
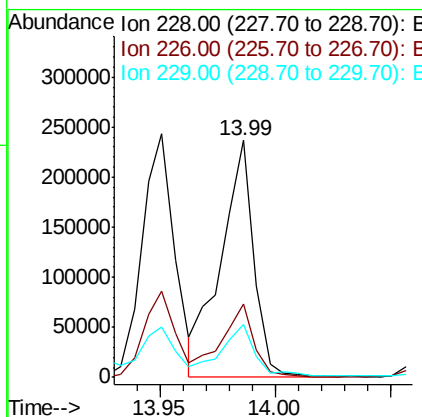
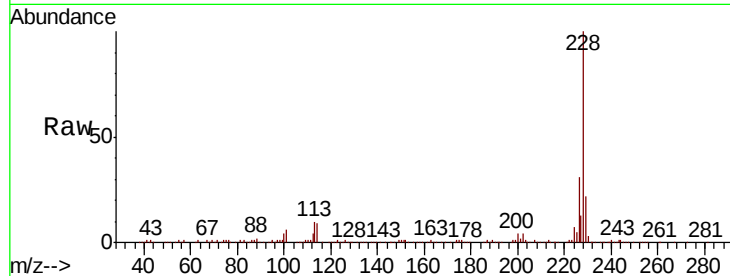
#83
 Chrysene
 Concen: 7.824 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.00 min
 Lab File: BF120691.D
 Acq: 22 Jun 2020 22:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-13

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	30.7		24.9	37.3	
229	22.2		16.1	24.1	

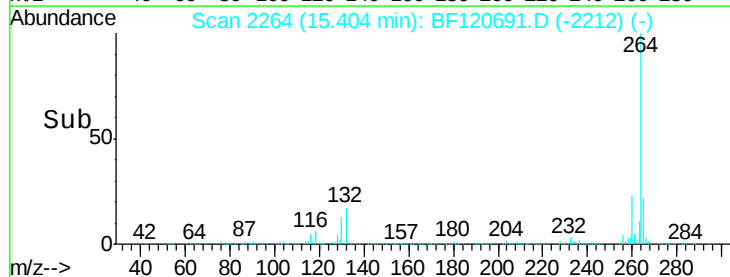
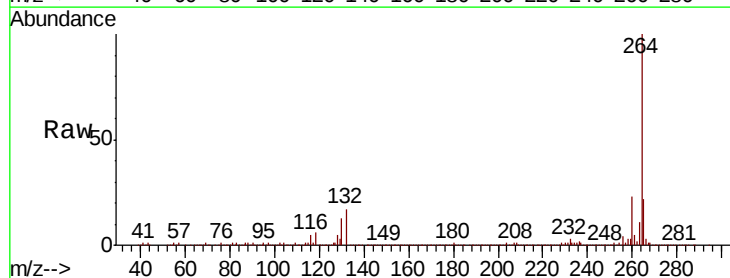
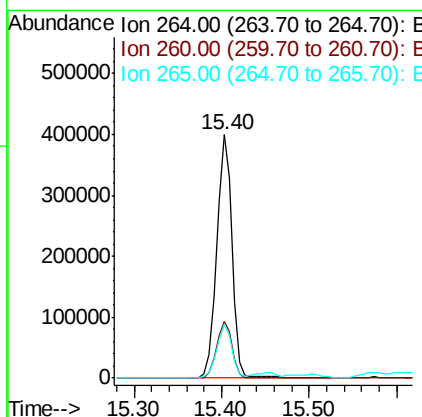
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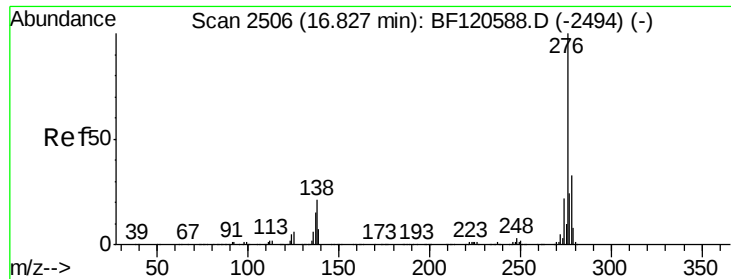
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2264
 Delta R.T. 0.01 min
 Lab File: BF120691.D
 Acq: 22 Jun 2020 22:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	23.4		19.3	28.9	
265	22.4		17.8	26.8	





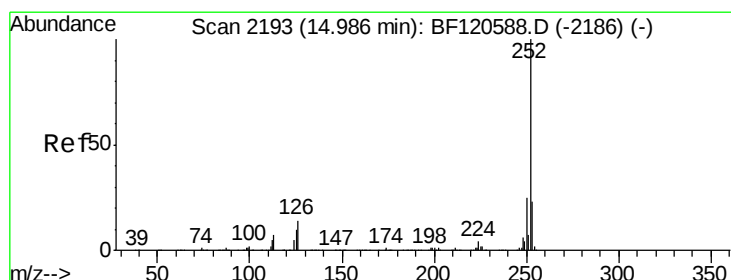
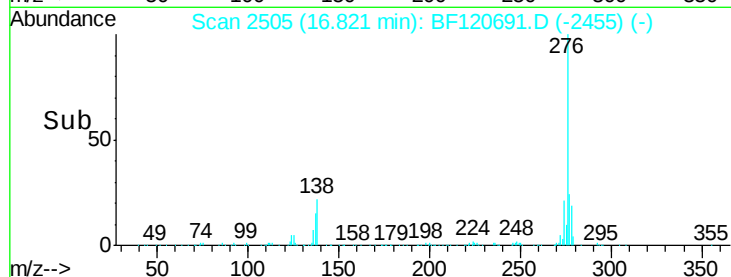
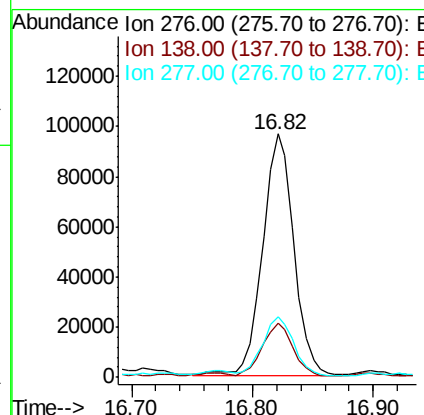
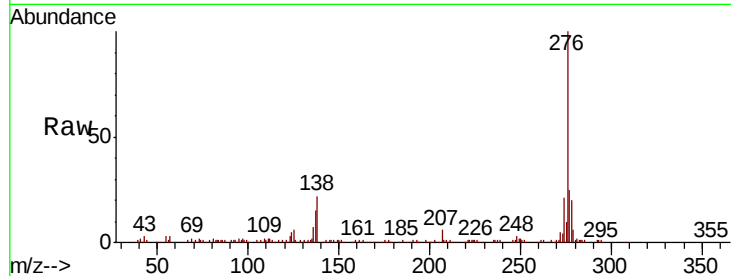
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 5.936 ng
 RT: 16.82 min Scan# 2505
 Delta R.T. -0.01 min
 Lab File: BF120691.D
 Acq: 22 Jun 2020 22:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-13

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.4	18.9	28.3
277	24.3	20.2	30.2

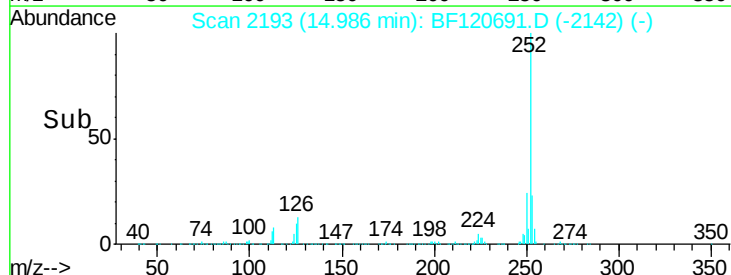
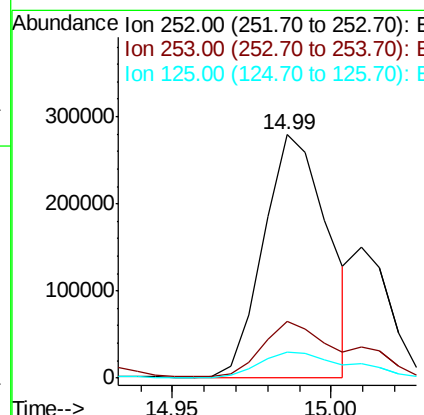
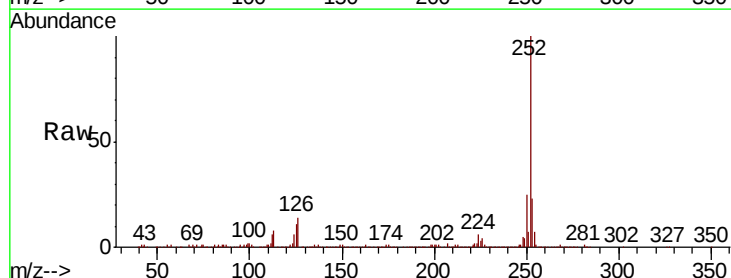
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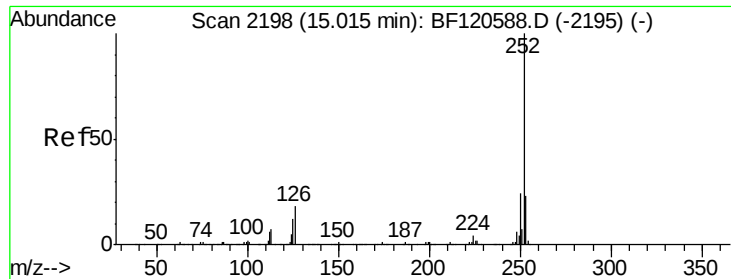
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#88
 Benzo(b)fluoranthene
 Concen: 13.672 ng m
 RT: 14.99 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: BF120691.D
 Acq: 22 Jun 2020 22:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	10.8	8.3	12.5





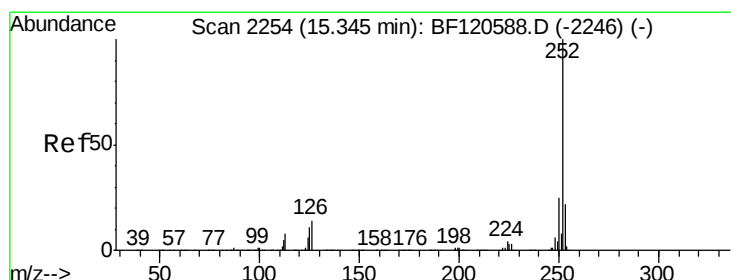
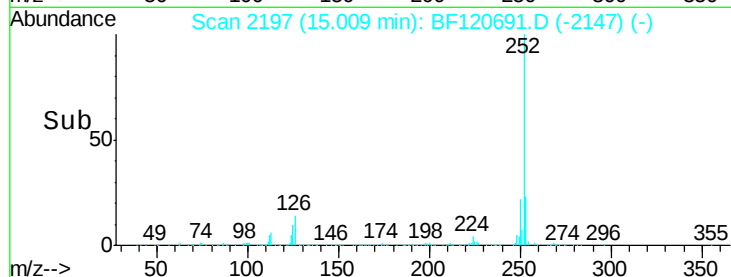
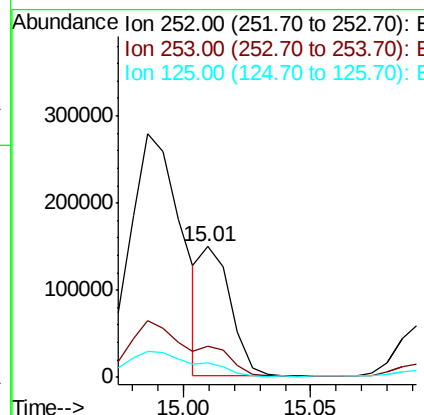
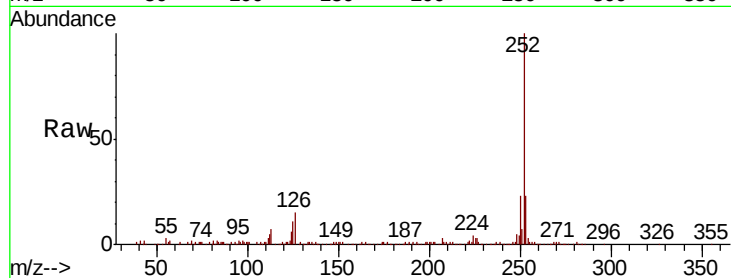
#89
Benzo(k)fluoranthene
Concen: 4.673 ng m
RT: 15.01 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF120691.D
Acq: 22 Jun 2020 22:34

Instrument :
BNA_F
ClientSampled :
SB-13

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	10.9	8.3	12.5

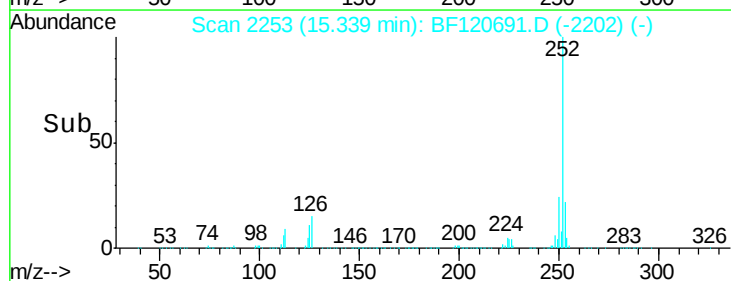
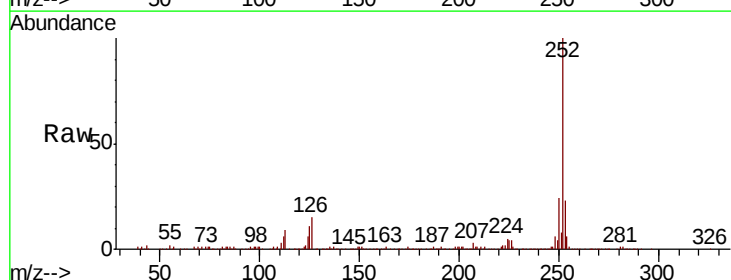
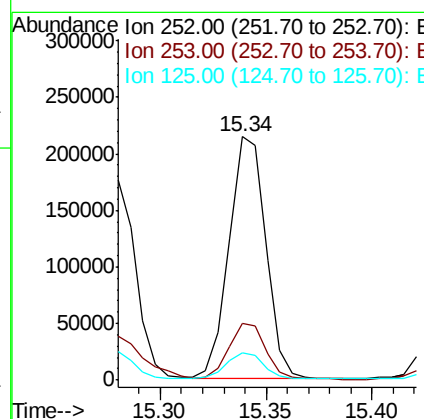
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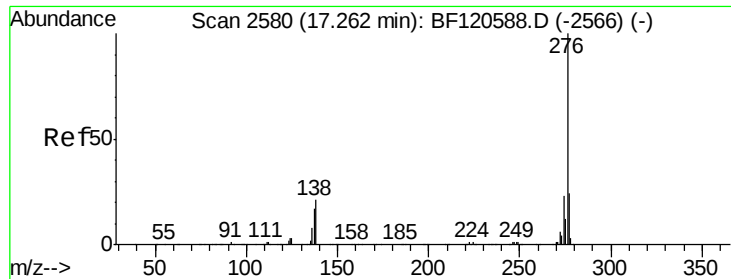
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#90
Benzo(a)pyrene
Concen: 9.984 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.00 min
Lab File: BF120691.D
Acq: 22 Jun 2020 22:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	11.3	8.6	12.8





#92
 Benzo(a,h,i)perylene
 Concen: 7.492 ng
 RT: 17.25 min Scan# 2578
 Delta R.T. -0.01 min
 Lab File: BF120691.D
 Acq: 22 Jun 2020 22:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-13

Tot Ion:	276	Resp:	178010
Ion Ratio	Lower	Upper	
276	100		
277	24.1	19.6	29.4
138	20.6	16.5	24.7

Manual Integrations
 APPROVED

Sohil
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