

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061720\
 Data File : BF120633.D
 Acq On : 17 Jun 2020 15:32
 Operator : JU/CG
 Sample : L3024-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-21

Manual Integrations
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Quant Time: Jun 17 16:07:25 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	142534	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	541634	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	287151	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	571388	20.00	ng	0.00
76) Chrysene-d12	13.95	240	521566	20.00	ng	-0.01
86) Perylene-d12	15.39	264	555175	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	596150	71.71	ng	-0.01
7) Phenol-d6	6.43	99	756885	73.10	ng	-0.01
23) Nitrobenzene-d5	7.36	82	513853	53.03	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	259194	77.64	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1067082	56.86	ng	-0.01
79) Terphenyl-d14	12.90	244	1155370	48.93	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.55	163	94619	4.575	ng	Qvalue 100
71) Phenanthrene	11.34	178	158357	5.575	ng	97
75) Fluoranthene	12.52	202	278592	8.579	ng	98
78) Pyrene	12.75	202	267146	7.230	ng	99
81) Benzo(a)anthracene	13.94	228	166850	5.325	ng	97
83) Chrysene	13.97	228	158651	4.936	ng	98
87) Indeno(1,2,3-cd)pyrene	16.79	276	103673	3.070	ng	96
88) Benzo(b)fluoranthene	14.97	252	211310m	6.390	ng	
89) Benzo(k)fluoranthene	15.00	252	82772m	2.829	ng	
90) Benzo(a)pyrene	15.32	252	146070	4.935	ng	97
92) Benzo(g,h,i)perylene	17.22	276	94553	3.464	ng	98

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

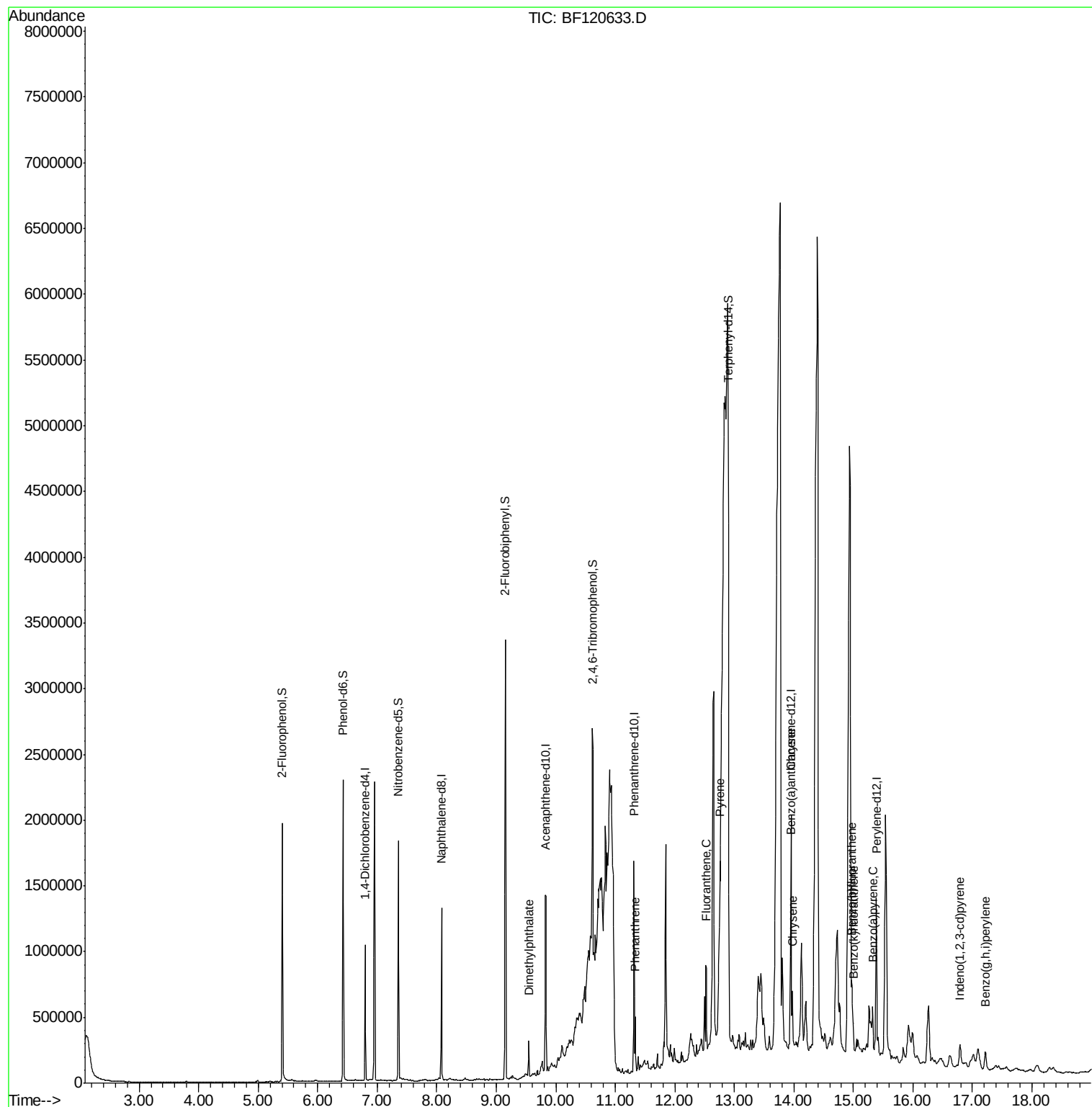
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061720\
Data File : BF120633.D
Acq On : 17 Jun 2020 15:32
Operator : JU/CG
Sample : L3024-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

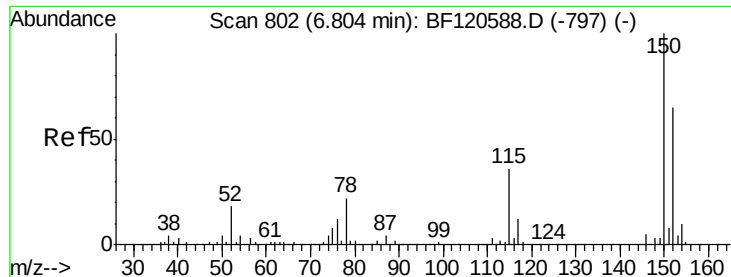
Instrument :
BNA_F
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RO-21

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Quant Time: Jun 17 16:07:25 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

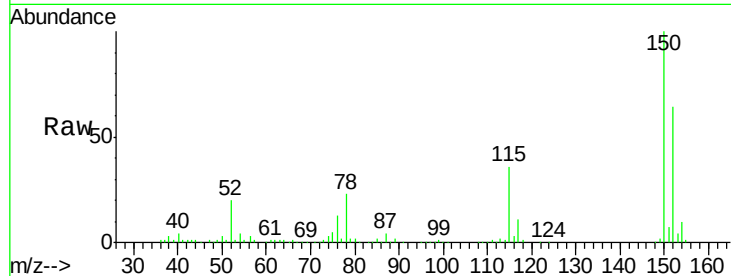
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120633.D
Acq: 17 Jun 2020 15:32

Instrument :
BNA_F
ClientSampleId :
RO-21

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	123.2	184.8
115	55.3	43.9	65.9

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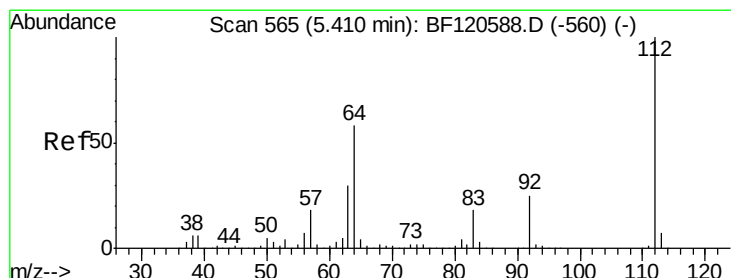
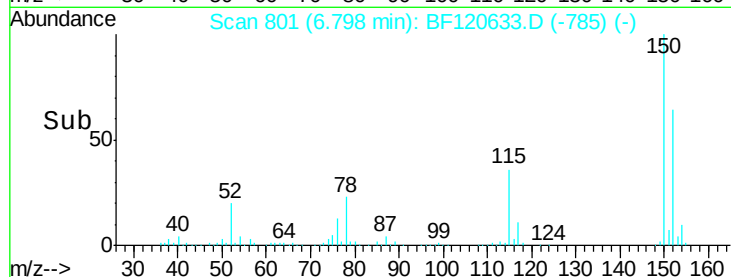
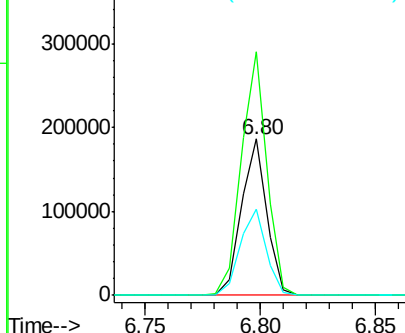


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

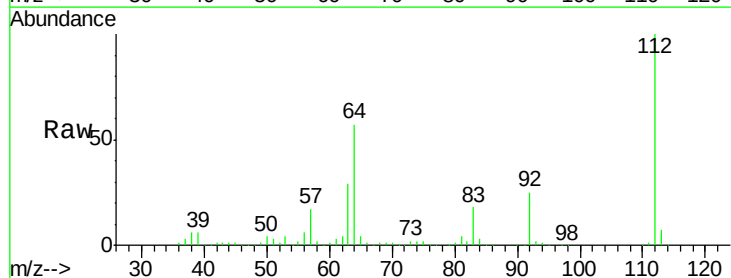
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 71.707 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF120633.D
Acq: 17 Jun 2020 15:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	46.1	69.1
63	28.8	23.7	35.5

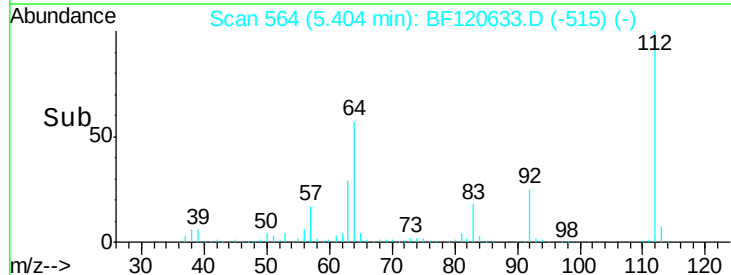
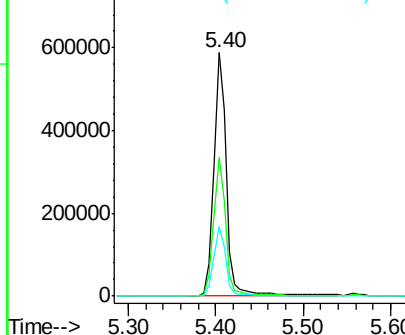


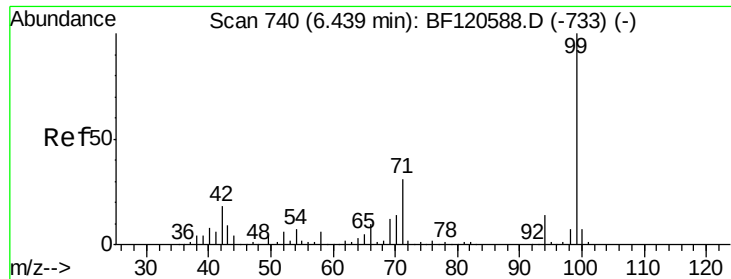
Abundance

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: 73.096 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF120633.D

Acq: 17 Jun 2020 15:32

Instrument :

BNA_F

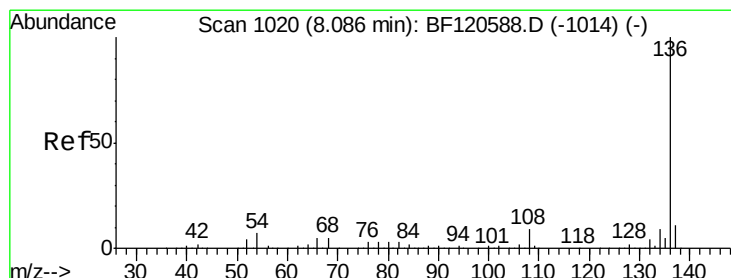
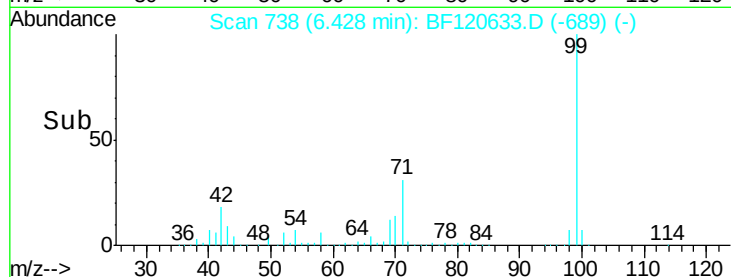
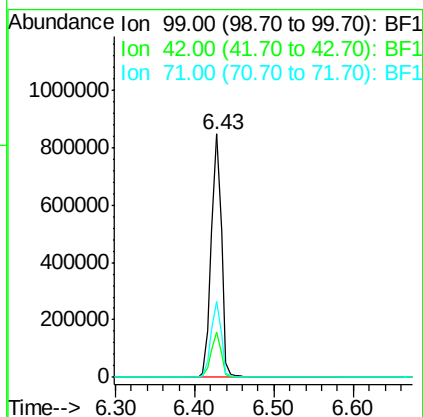
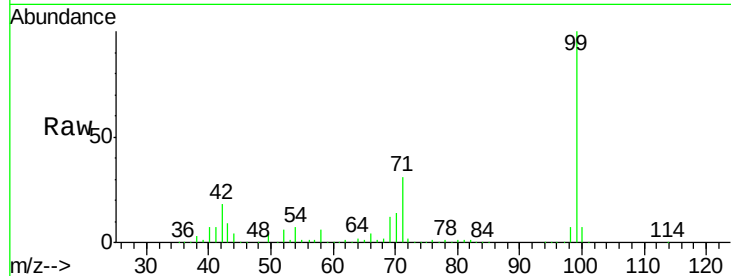
ClientSampled :

RO-21

Tot Ion:	99	Resp:	756885
Ion Ratio	Lower	Upper	
99	100		
42	18.4	14.0	21.0
71	31.4	24.9	37.3

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#21

Naphthalene-d8

Concen: 20.000 ng

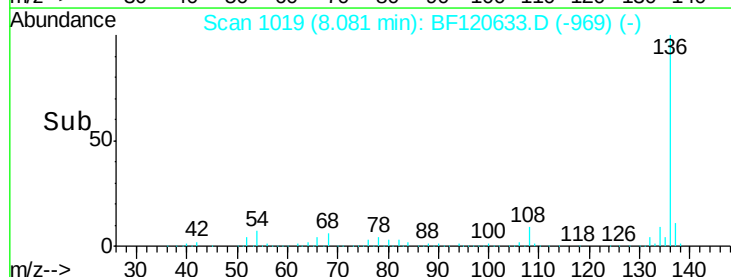
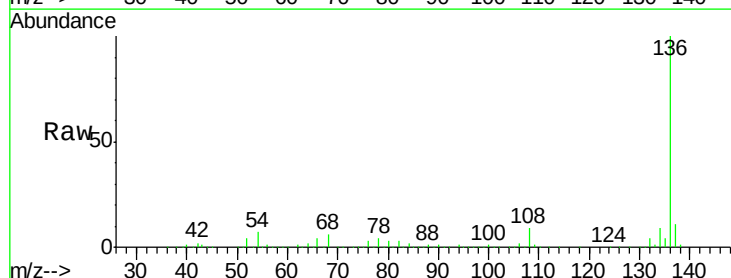
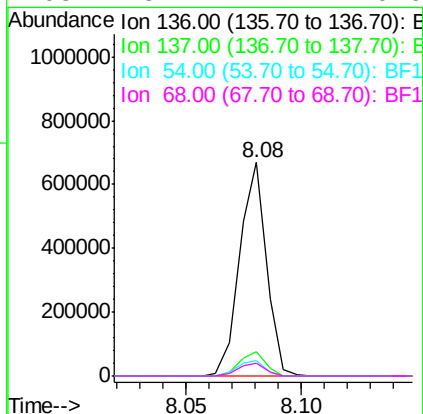
RT: 8.08 min Scan# 1019

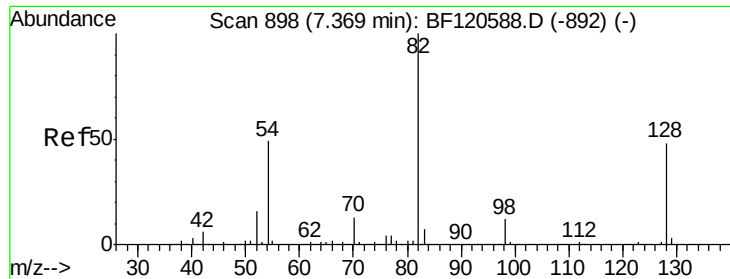
Delta R.T. -0.01 min

Lab File: BF120633.D

Acq: 17 Jun 2020 15:32

Tgt Ion:	136	Resp:	541634
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.6	13.0
54	7.2	5.8	8.6
68	5.7	4.4	6.6





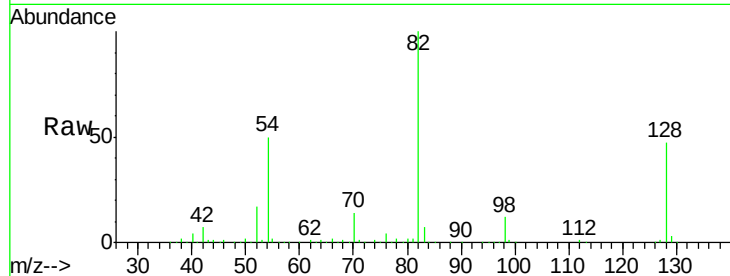
#23
Nitrobenzene-d5
Concen: 53.030 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF120633.D
Acq: 17 Jun 2020 15:32

Instrument :
BNA_F
ClientSampled :
RO-21

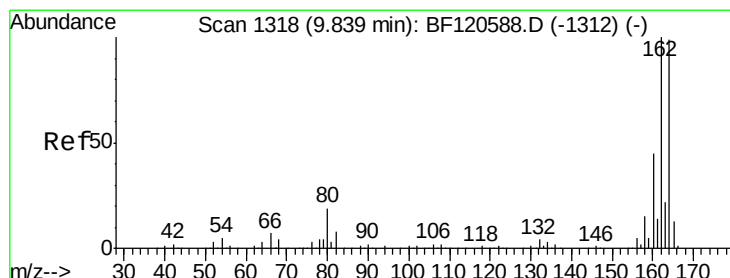
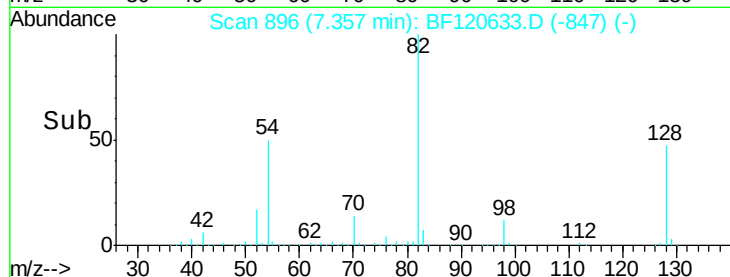
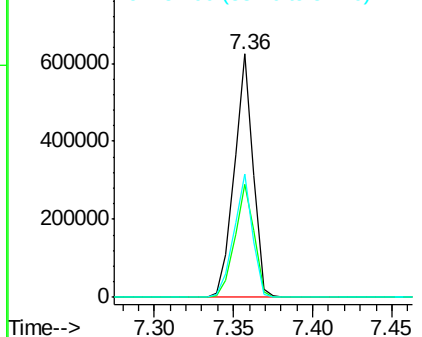
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.6	38.0	57.0
54	50.4	38.8	58.2

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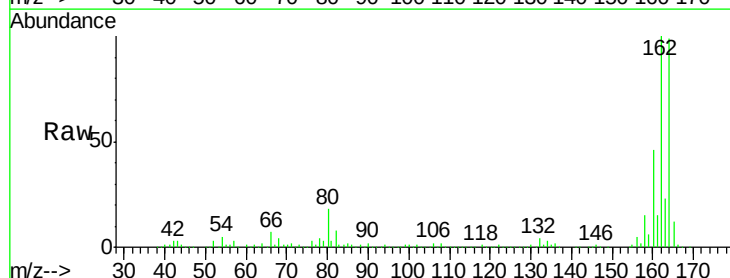


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

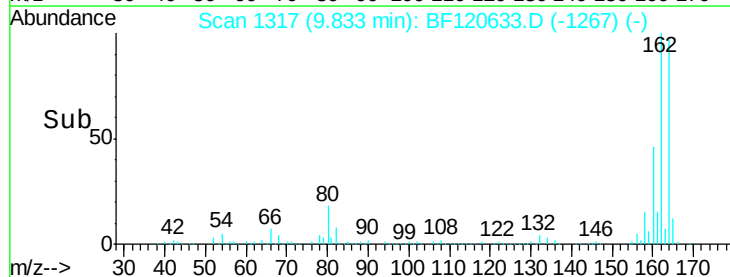
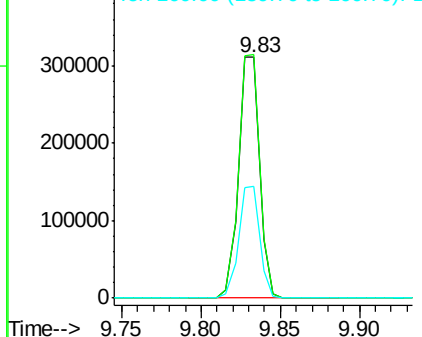


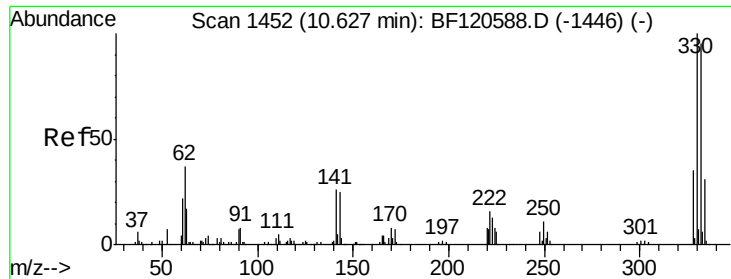
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF120633.D
Acq: 17 Jun 2020 15:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.6	120.8
160	46.4	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: 77.637 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF120633.D

Acq: 17 Jun 2020 15:32

Instrument :

BNA_F

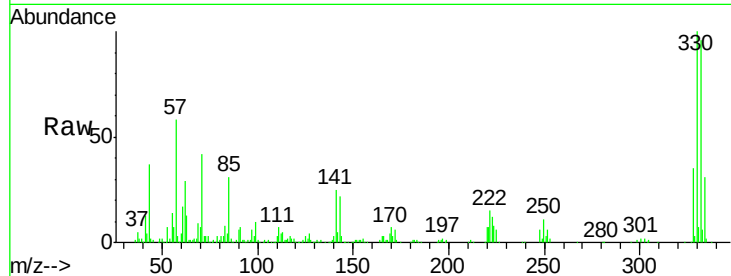
ClientSampleId :

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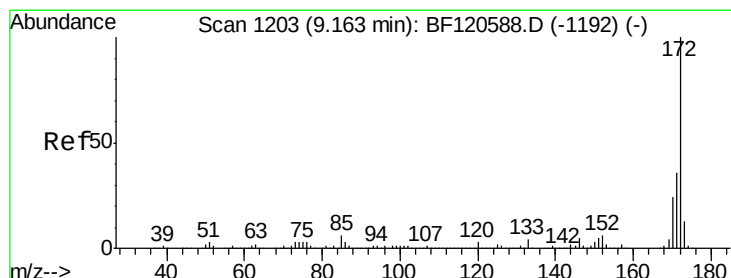
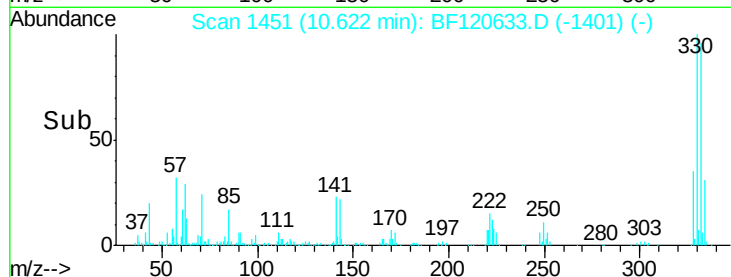
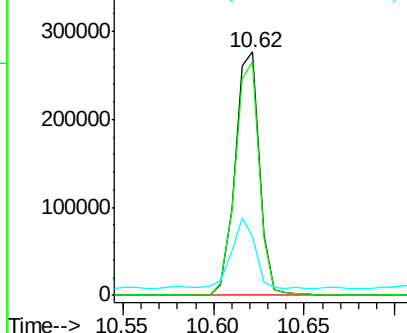
Tot Ion:	330	Resp:	259194
Ion Ratio	Lower	Upper	
330	100		
332	96.0	76.8	115.2
141	28.7	23.2	34.8

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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: 56.856 ng

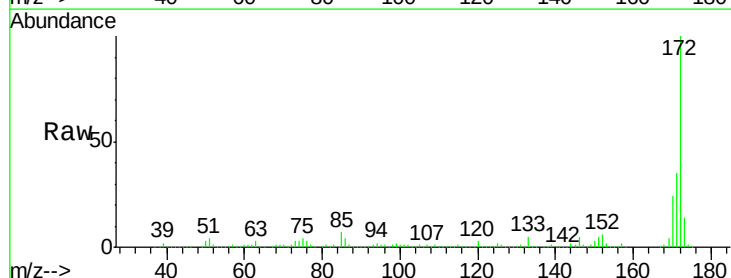
RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

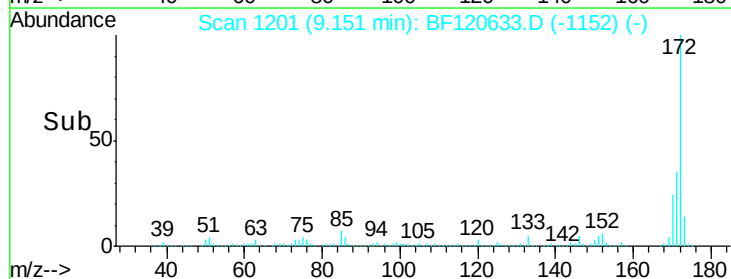
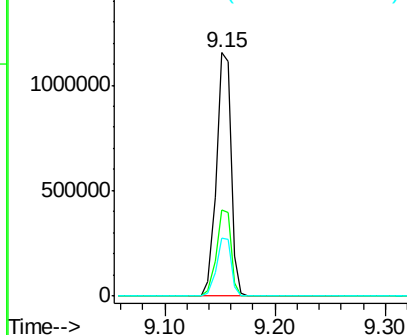
Lab File: BF120633.D

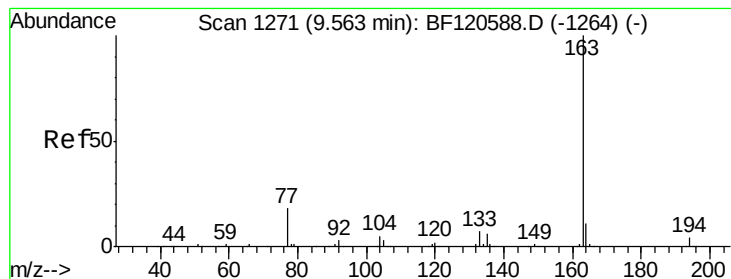
Acq: 17 Jun 2020 15:32

Tgt Ion:	172	Resp:	1067082
Ion Ratio	Lower	Upper	
172	100		
171	35.3	29.0	43.4
170	23.7	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: 4.575 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF120633.D

Acq: 17 Jun 2020 15:32

Instrument :

BNA_F

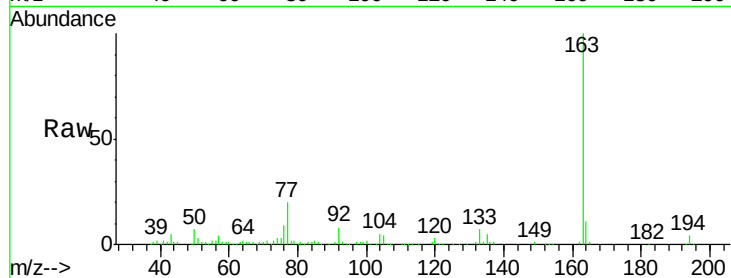
ClientSampleId :

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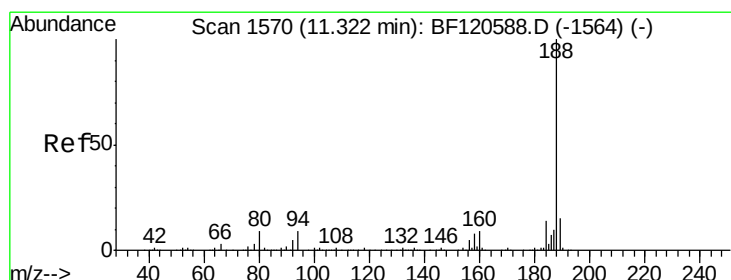
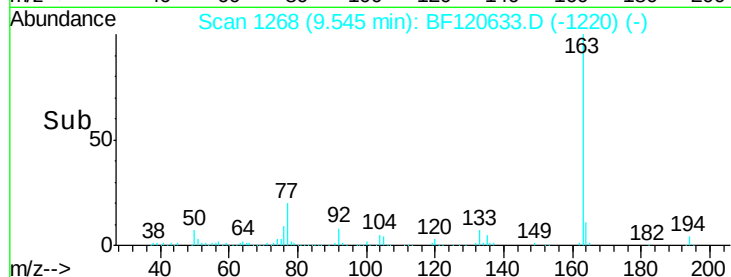
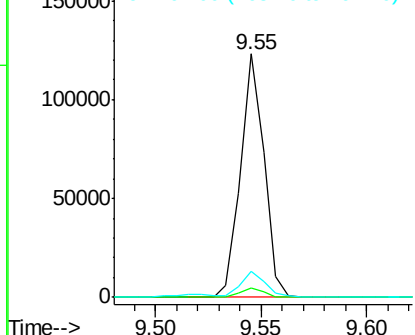
Tot Ion:	163	Resp:	94619
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.1	4.7
164	10.6	8.5	12.7

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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

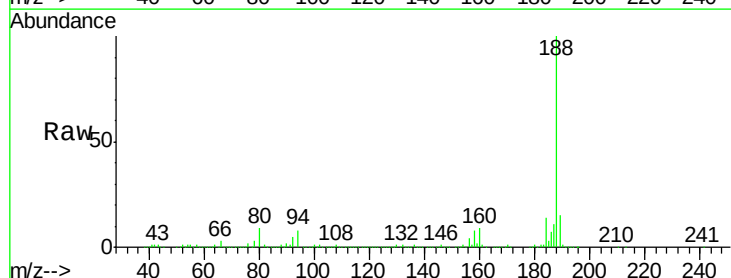
RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

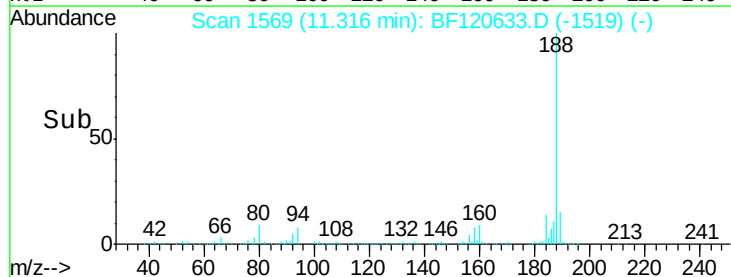
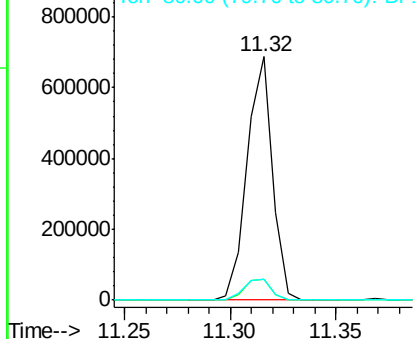
Lab File: BF120633.D

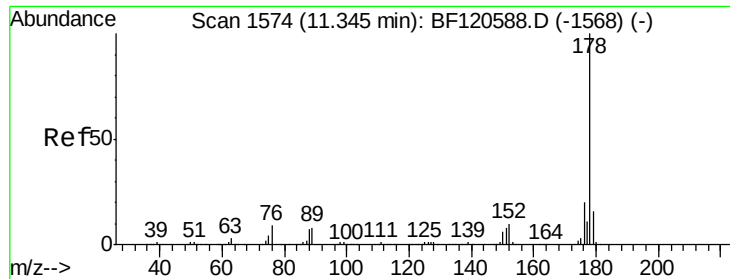
Acq: 17 Jun 2020 15:32

Tgt Ion:	188	Resp:	571388
Ion Ratio	Lower	Upper	
188	100		
94	8.4	7.2	10.8
80	8.7	7.4	11.2



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





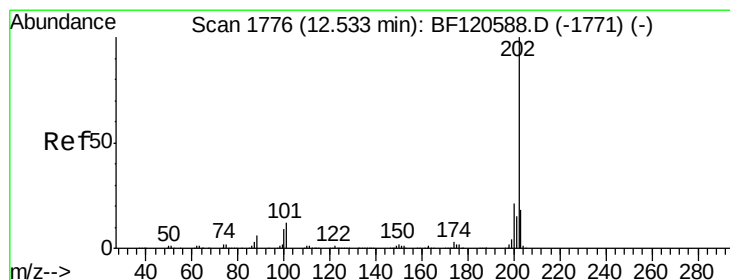
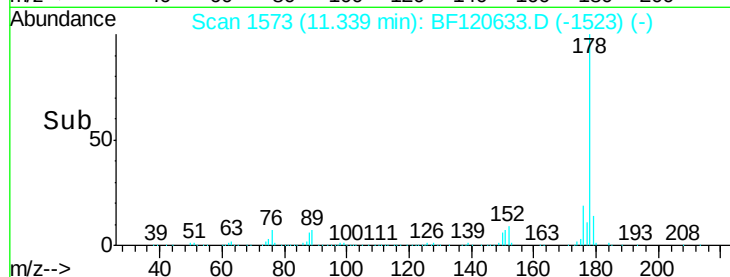
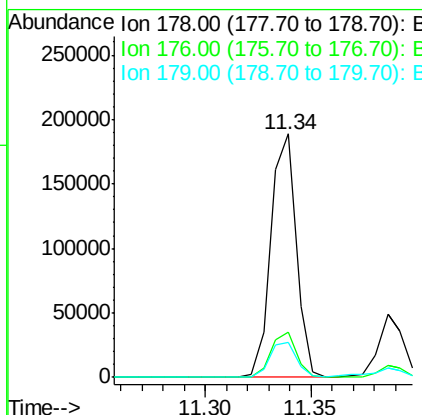
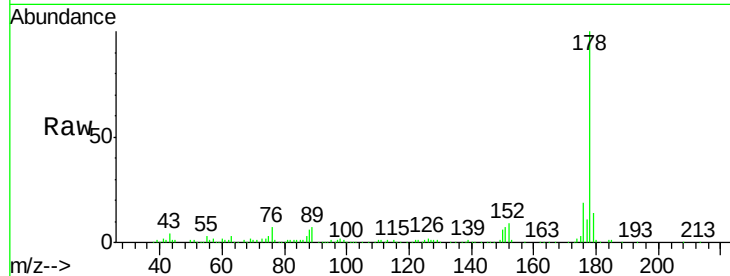
#71
Phenanthrene
Concen: 5.575 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF120633.D
Acq: 17 Jun 2020 15:32

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.9	23.9
179	14.5	12.8	19.2

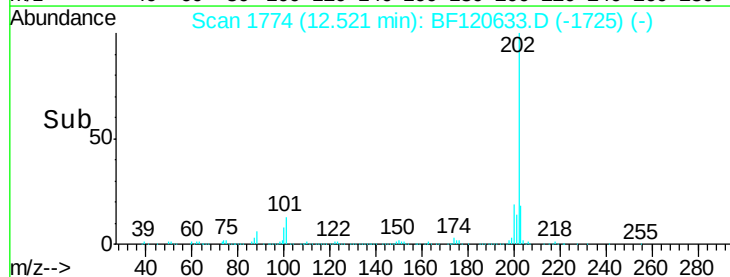
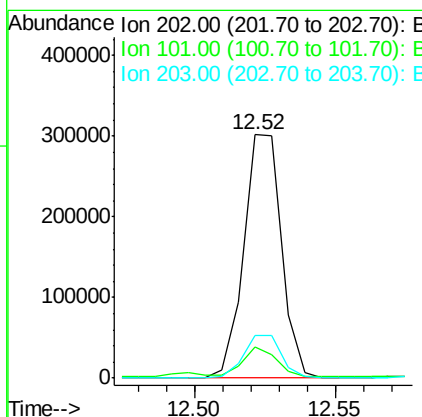
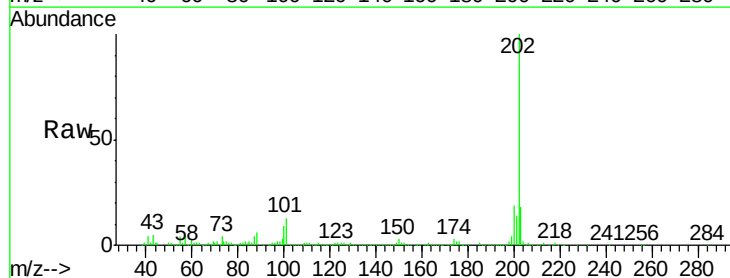
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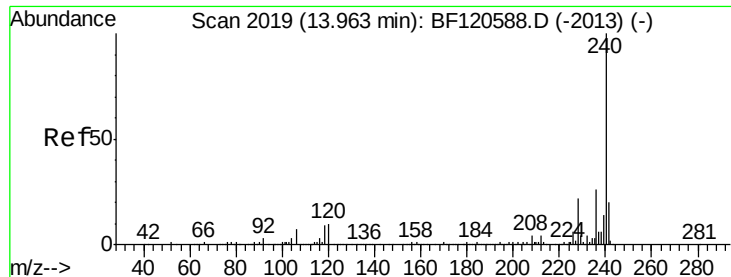
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#75
Fluoranthene
Concen: 8.579 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BF120633.D
Acq: 17 Jun 2020 15:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	32.0
203	17.5	0.0	38.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF120633.D

Acq: 17 Jun 2020 15:32

Instrument :

BNA_F

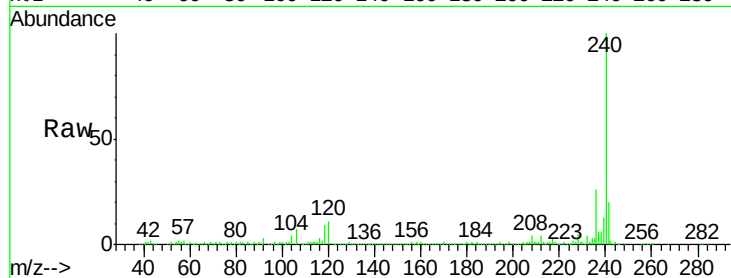
ClientSampleId :

RO-21

Tot Ion:	240	Resp:	521566
Ion Ratio		Lower	Upper
240	100		
120	10.9	8.3	12.5
236	25.6	21.0	31.4

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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.95

800000

600000

400000

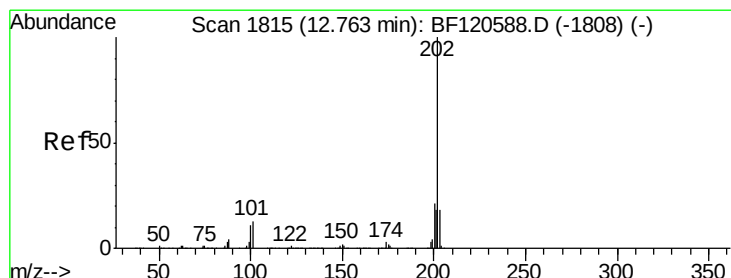
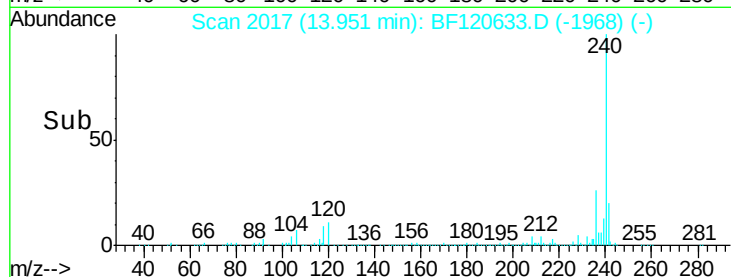
200000

0

13.90

14.00

Time-->



#78

Pyrene

Concen: 7.230 ng

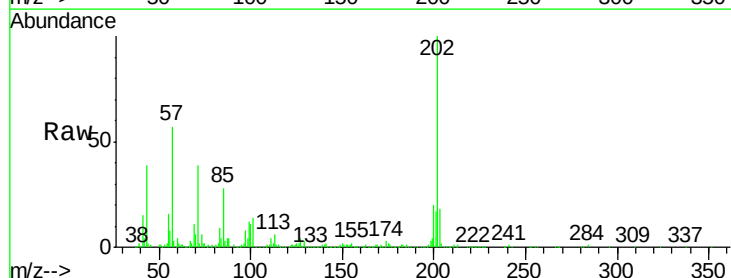
RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BF120633.D

Acq: 17 Jun 2020 15:32

Tgt Ion:	202	Resp:	267146
Ion Ratio		Lower	Upper
202	100		
200	20.1	16.8	25.2
203	18.0	14.3	21.5



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

12.75

400000

300000

200000

100000

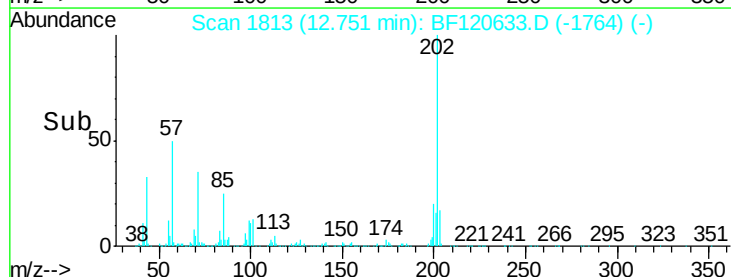
0

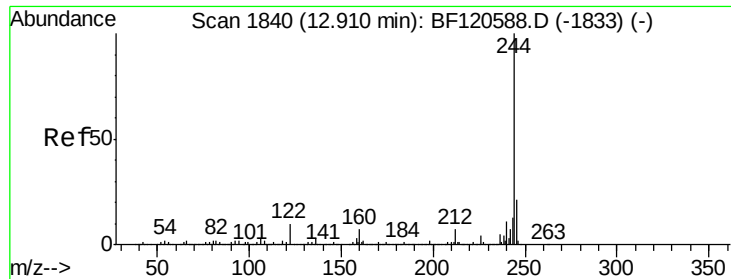
12.70

12.75

12.80

Time-->





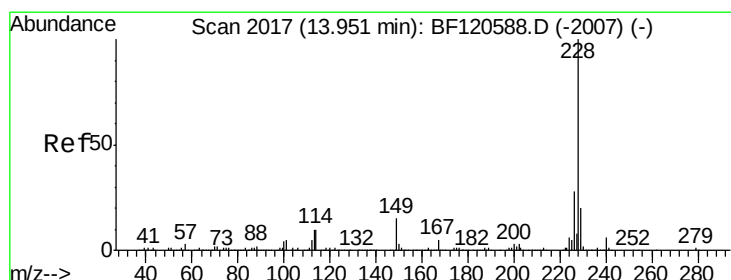
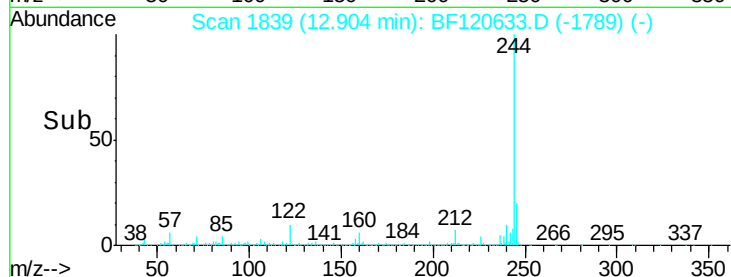
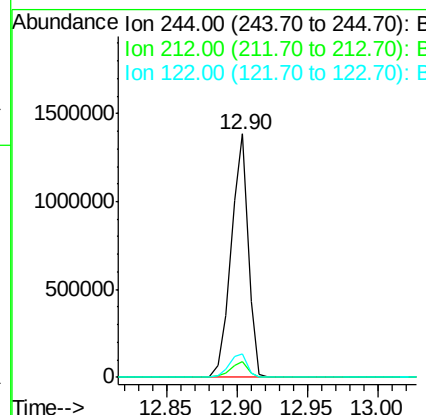
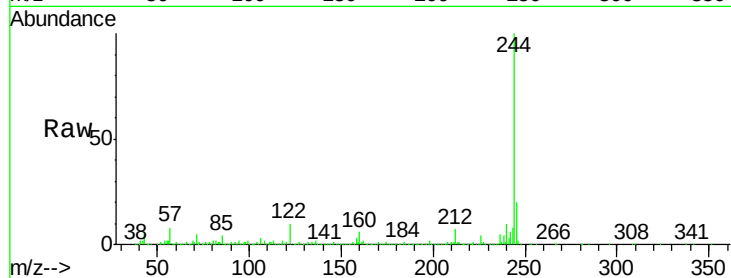
#79
 Terphenyl-d14
 Concen: 48.931 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF120633.D
 Acq: 17 Jun 2020 15:32

Instrument :
 BNA_F
 ClientSampleId :
 RO-21

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	9.7	8.3	12.5

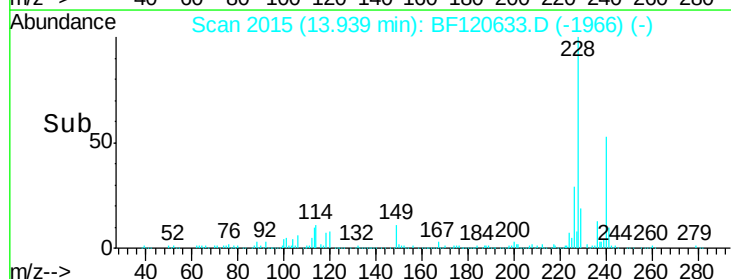
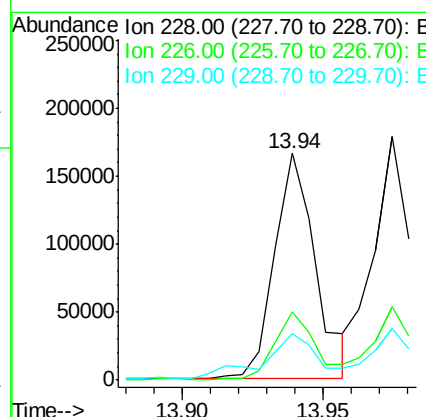
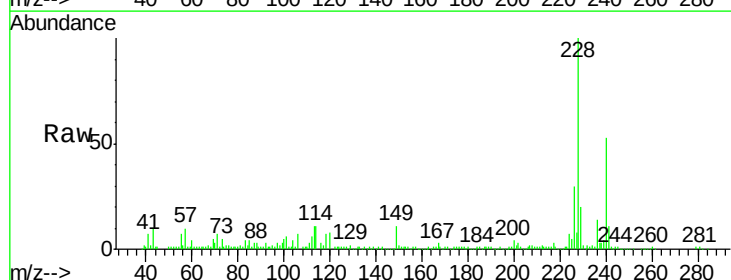
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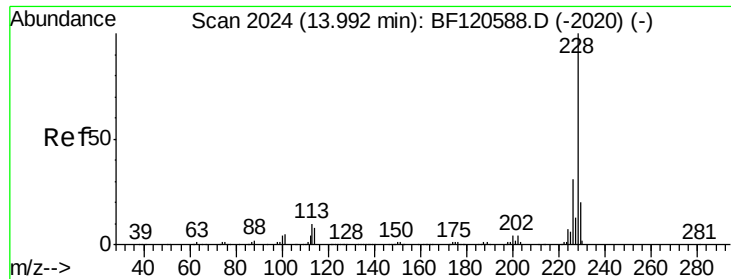
mohammad
 6/18/2020 11:54:26 AM



#81
 Benzo(a)anthracene
 Concen: 5.325 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF120633.D
 Acq: 17 Jun 2020 15:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.5	33.7
229	20.5	16.1	24.1





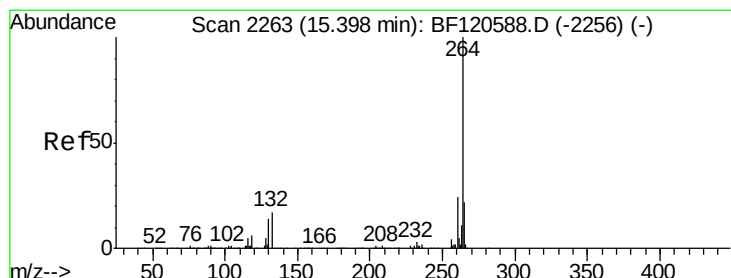
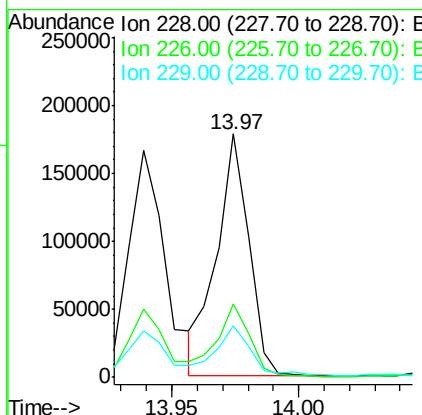
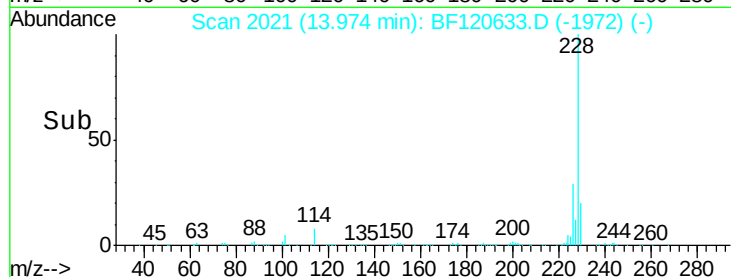
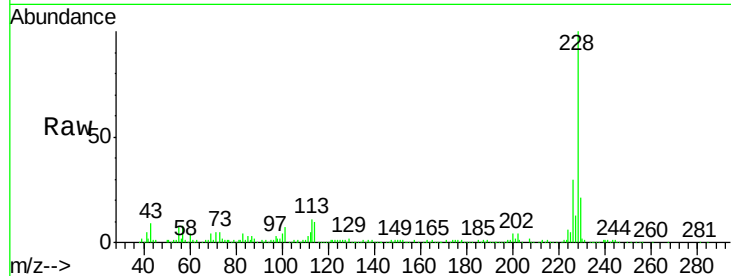
#83
Chrysene
Concen: 4.936 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF120633.D
Acq: 17 Jun 2020 15:32

Instrument :
BNA_F
ClientSampled :
RO-21

Tot Ion	Ratio	Resp	Lower	Upper
228	100			
226	30.0	24.9	37.3	
229	21.3	16.1	24.1	

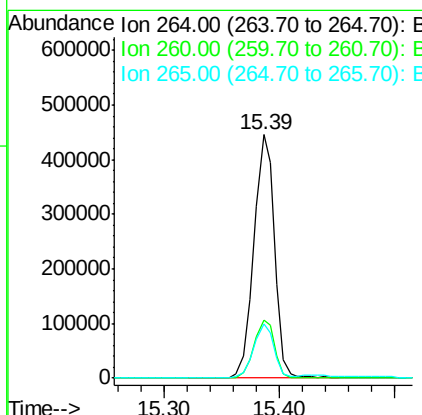
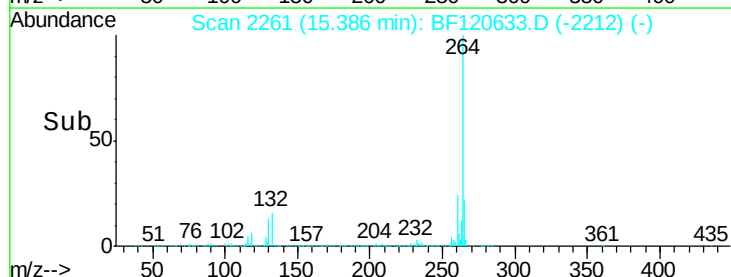
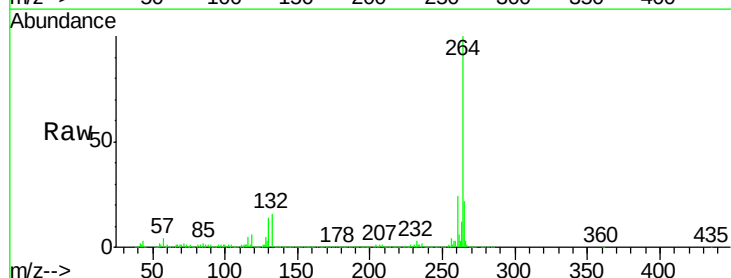
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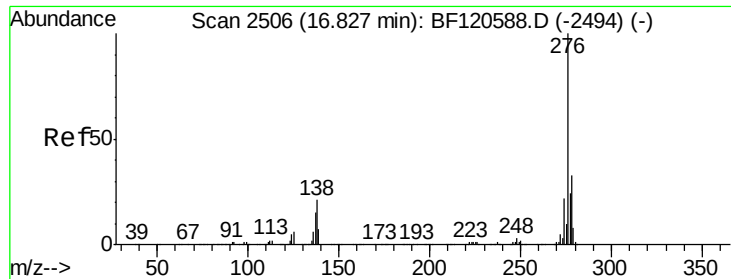
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF120633.D
Acq: 17 Jun 2020 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.9	19.3	28.9	
265	22.3	17.8	26.8	





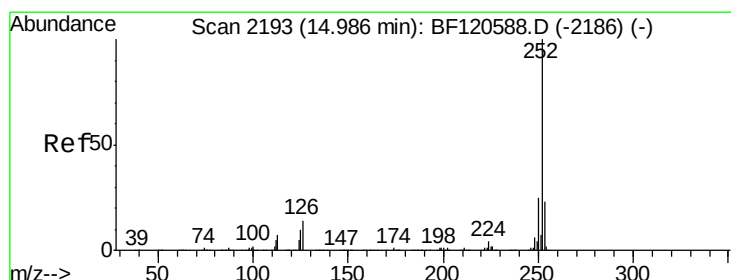
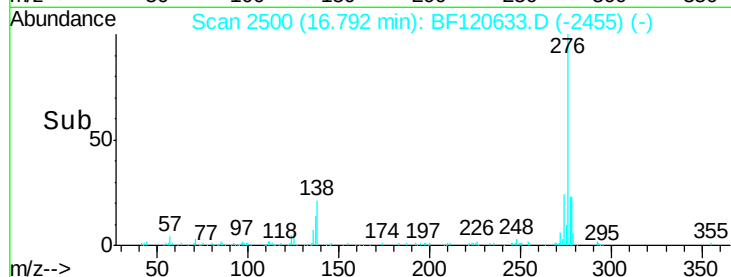
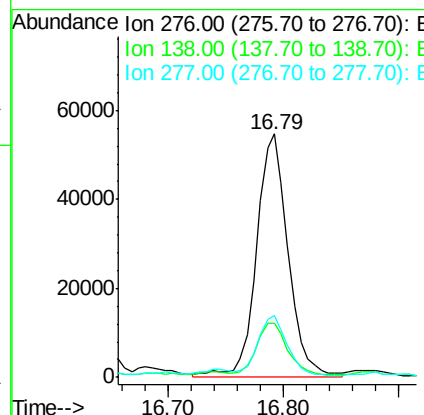
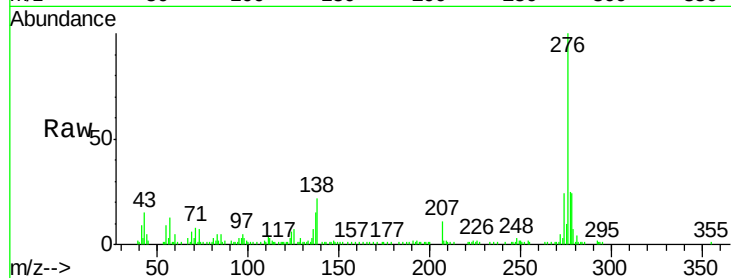
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.070 ng
 RT: 16.79 min Scan# 2500
 Delta R.T. -0.04 min
 Lab File: BF120633.D
 Acq: 17 Jun 2020 15:32

Instrument :
 BNA_F
 ClientSampleId :
 RO-21

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.2	18.9	28.3
277	23.1	20.2	30.2

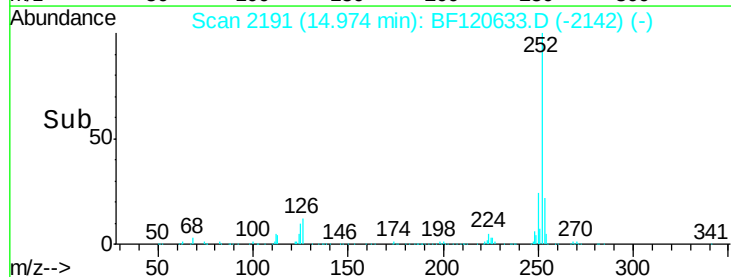
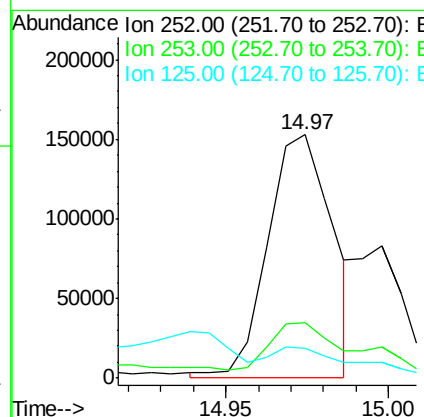
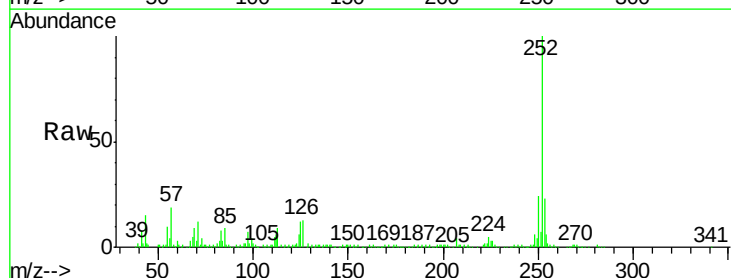
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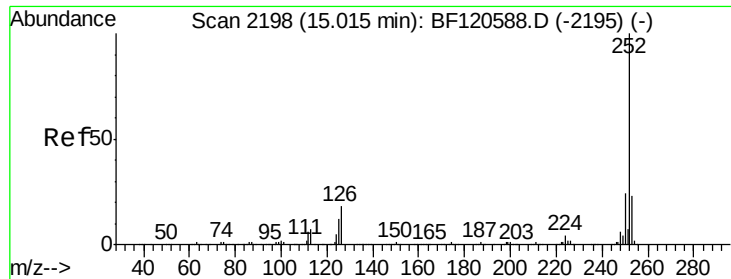
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 6.390 ng m
 RT: 14.97 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BF120633.D
 Acq: 17 Jun 2020 15:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	12.4	8.3	12.5





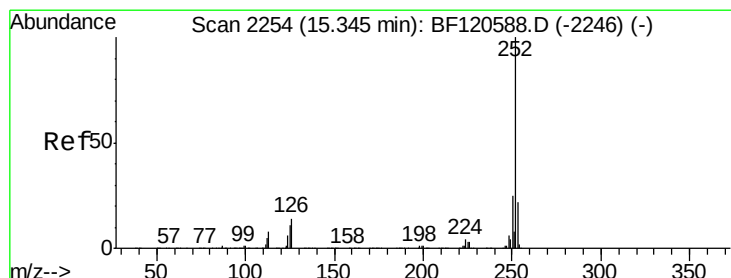
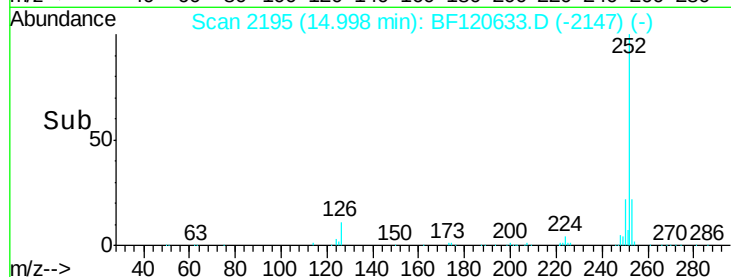
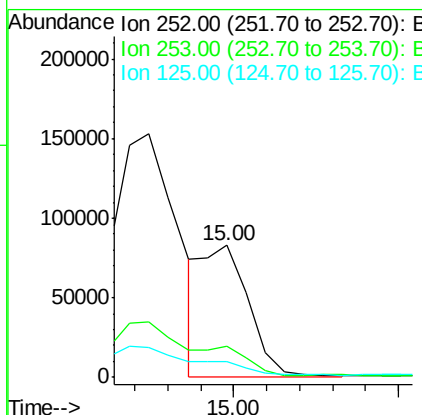
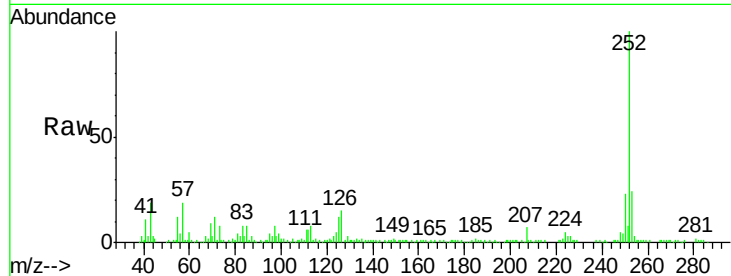
#89
Benzo(k)fluoranthene
Concen: 2.829 ng m
RT: 15.00 min Scan# 2195
Delta R.T. -0.02 min
Lab File: BF120633.D
Acq: 17 Jun 2020 15:32

Instrument :
BNA_F
ClientSampled :
RO-21

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.0	27.0
125	12.1	8.3	12.5

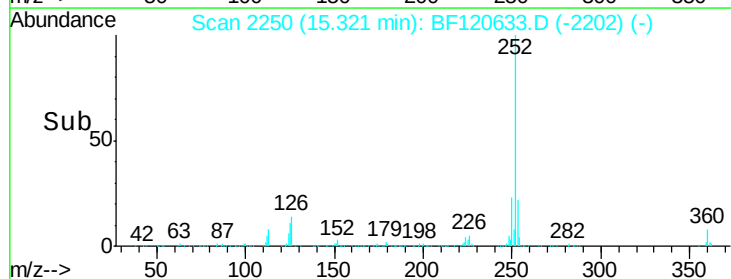
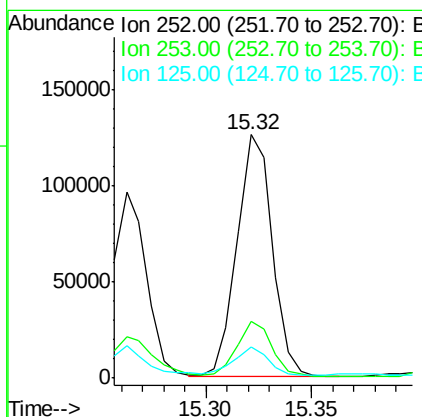
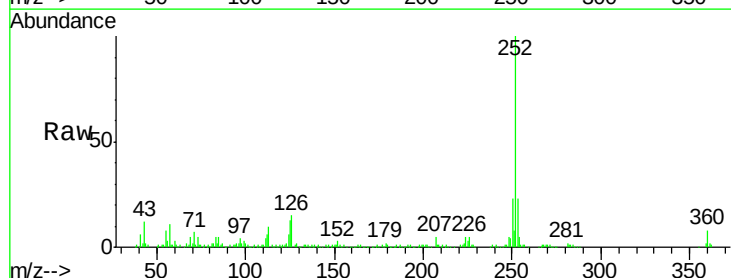
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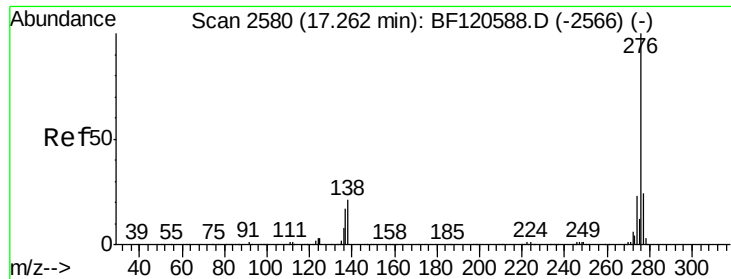
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#90
Benzo(a)pyrene
Concen: 4.935 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.02 min
Lab File: BF120633.D
Acq: 17 Jun 2020 15:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	12.6	8.6	12.8





#92
 Benzo(a,h,i)perylene
 Concen: 3.464 ng
 RT: 17.22 min Scan# 2572
 Delta R.T. -0.04 min
 Lab File: BF120633.D
 Acq: 17 Jun 2020 15:32

Instrument :
 BNA_F
 ClientSampleId :
 RO-21

Tot Ion:	276	Resp:	94553
Ion Ratio	Lower	Upper	
276	100		
277	24.6	19.6	29.4
138	22.2	16.5	24.7

Manual Integrations
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