

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
 Data File : BF118652.D
 Acq On : 22 Jan 2020 00:32
 Operator : CG/JU
 Sample : L1106-06RE
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CIY1-SB-01-0-52RE

Manual Integrations
 APPROVED

Quant Time: Jan 22 05:14:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	436670	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1573396	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	846677	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1368592	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	951253	20.00	ng	-0.01
87) Perylene-d12	15.51	264	1048237	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	2821523	120.01	ng	0.00
7) Phenol-d6	6.51	99	3728020	121.99	ng	0.00
23) Nitrobenzene-d5	7.44	82	2316614	82.36	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	1133376	115.73	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	3626858	70.41	ng	0.00
79) Terphenyl-d14	12.99	244	3362884	77.11	ng	0.00

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Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
50) Dimethylphthalate	9.63	163	387373	7.022	ng	97
71) Phenanthrene	11.42	178	200783m	3.041	ng	
75) Fluoranthene	12.61	202	276547	3.971	ng	94
78) Pyrene	12.84	202	284509	4.405	ng	91
80) Butylbenzylphthalate	13.46	149	1161991	43.964	ng	98
81) Benzo(a)anthracene	14.03	228	121777	2.128	ng	98
83) Chrysene	14.06	228	137119	2.500	ng	96
84) Bis(2-ethylhexyl)phthalate	14.02	149	358062	11.089	ng	99
88) Benzo(b)fluoranthene	15.07	252	145951m	2.215	ng	

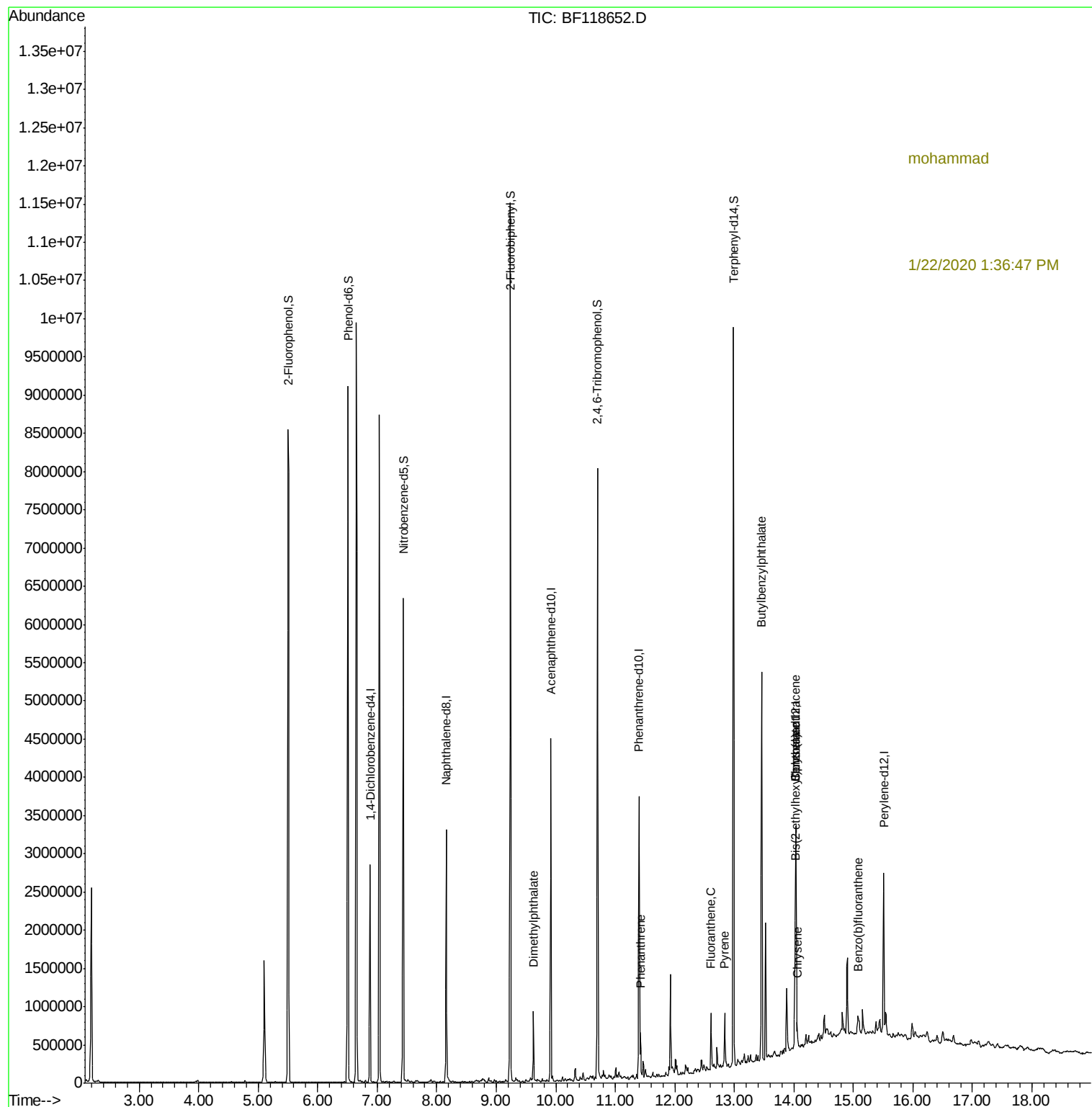
(#) = qualifier out of range (m) = manual integration (+) = signals summed

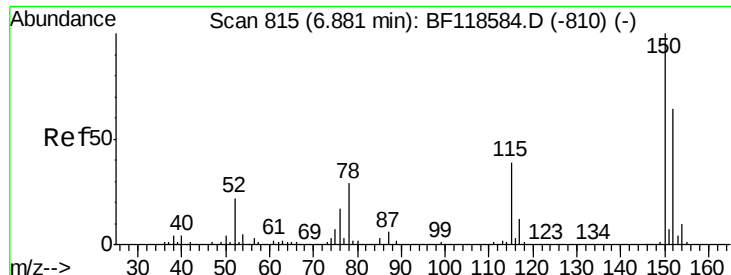
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
Data File : BF118652.D
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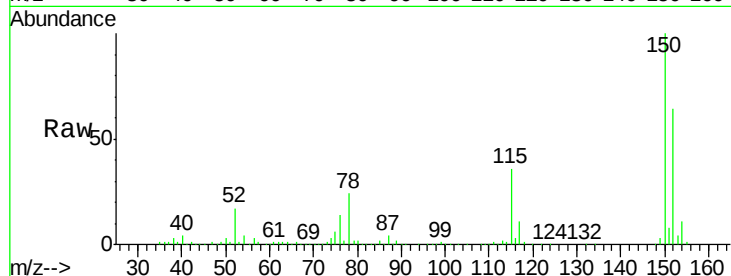


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF118652.D
 Acq: 22 Jan 2020 00:32

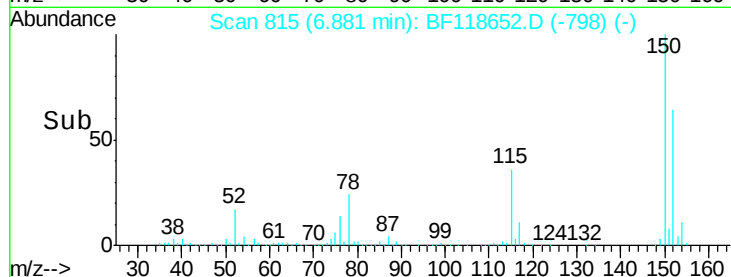
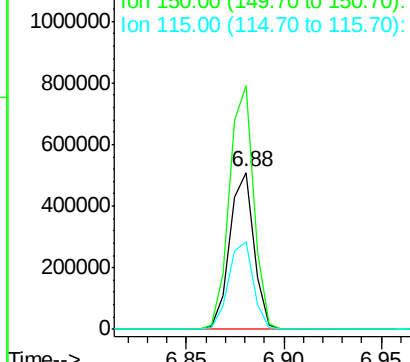
Instrument :
 BNA_F
 ClientSampleId :
 CIY1-SB-01-0-52RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	125.6	188.4
115	55.7	48.4	72.6

Manual Integrations
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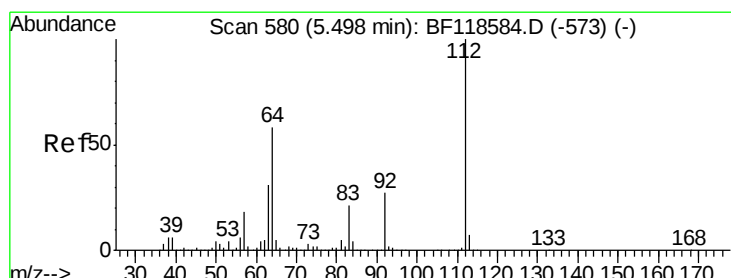


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



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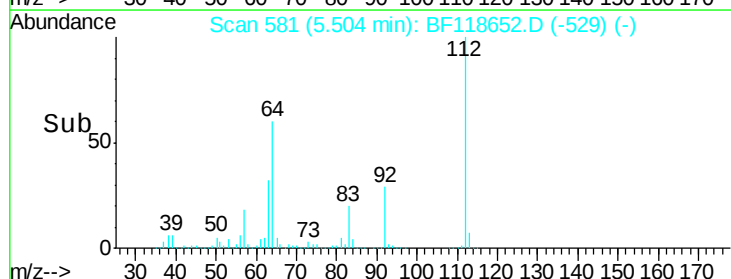
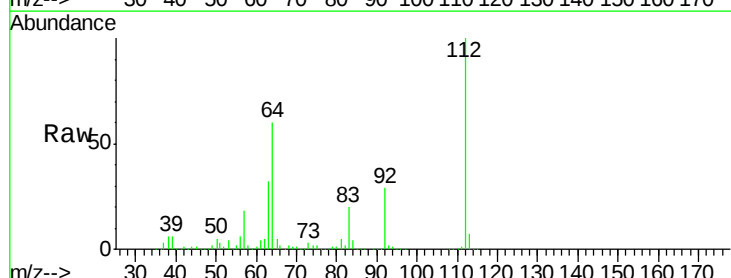
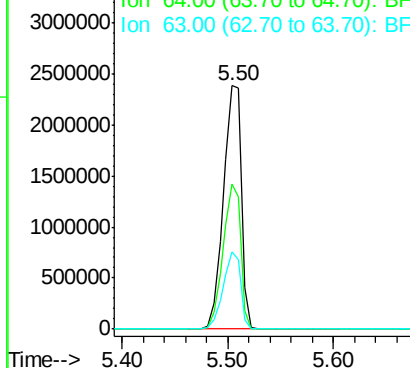
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#5
 2-Fluorophenol
 Concen: 120.006 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: BF118652.D
 Acq: 22 Jan 2020 00:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	46.6	70.0
63	31.5	25.1	37.7

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: 121.994 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF118652.D

Acq: 22 Jan 2020 00:32

Instrument :

BNA_F

ClientSampleId :

CIY1-SB-01-0-52RE

Tot Ion: 99 Resp: 3728020

Ion Ratio Lower Upper

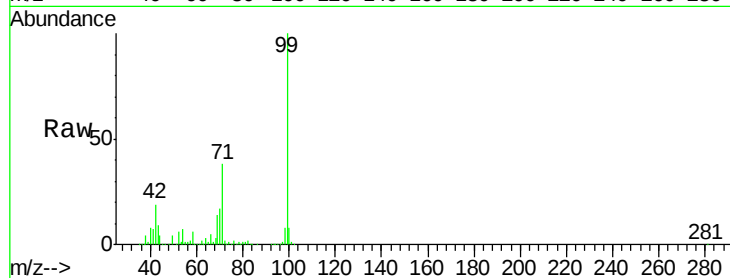
99 100

42 18.6 14.2 21.2

71 37.5 27.8 41.6

Manual Integrations

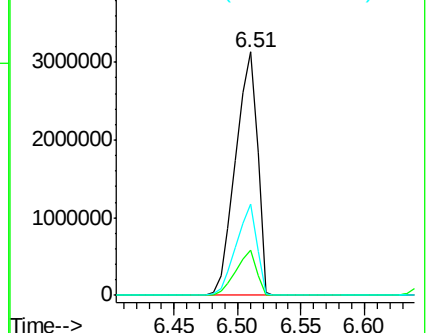
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Abundance Ion 99.00 (98.70 to 99.70): BF1

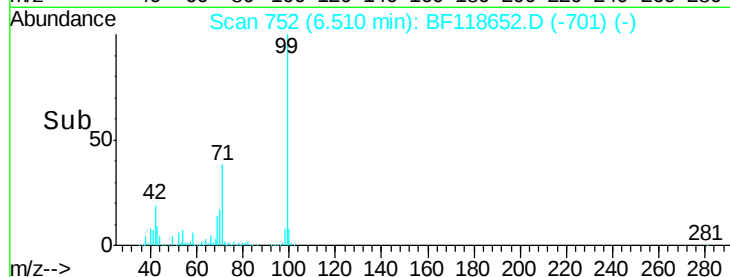
Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF118652.D

Acq: 22 Jan 2020 00:32

Tgt Ion: 136 Resp: 1573396

Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 6.9 5.8 8.6

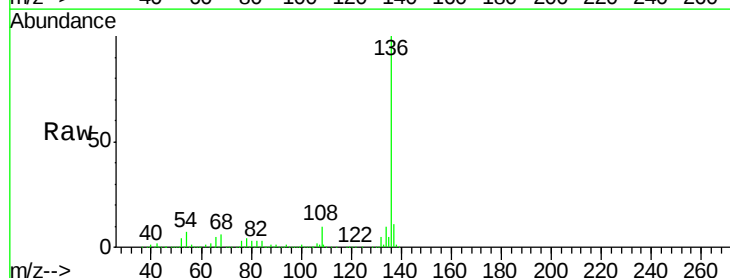
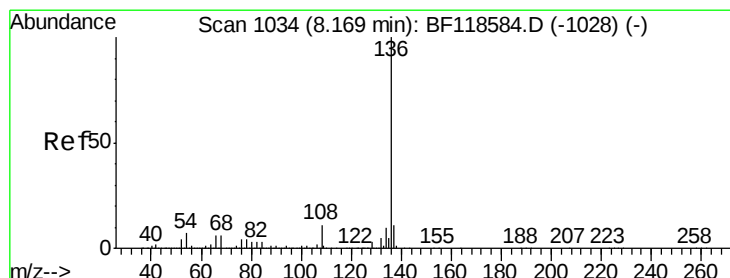
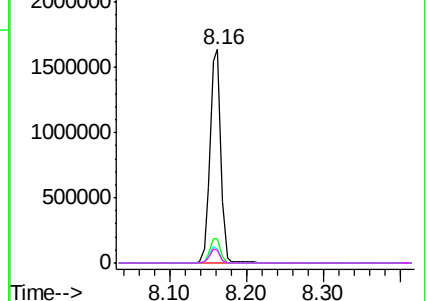
68 6.1 5.0 7.4

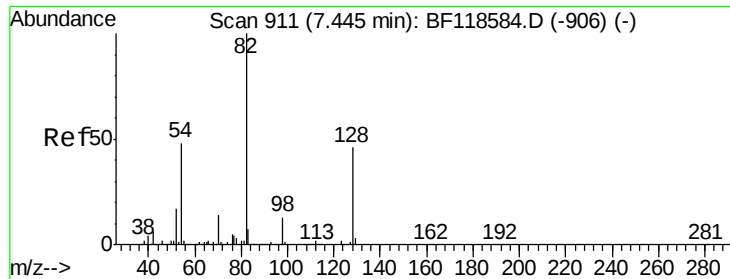
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



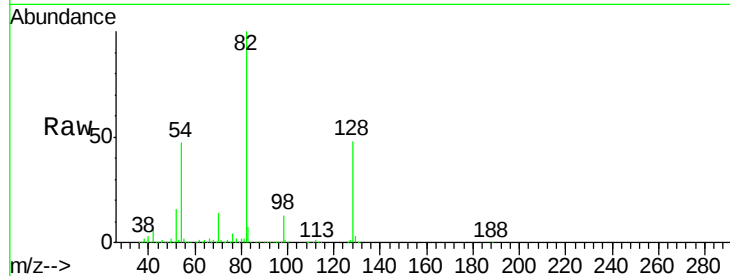


#23
Nitrobenzene-d5
Concen: 82.355 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF118652.D
Acq: 22 Jan 2020 00:32

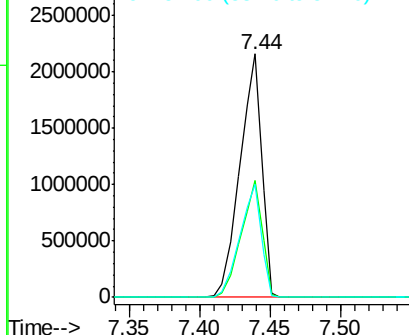
Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52RE

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.1	36.6	54.8
54	46.7	38.0	57.0

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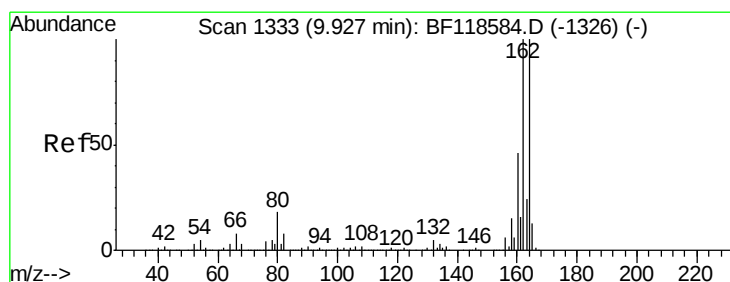
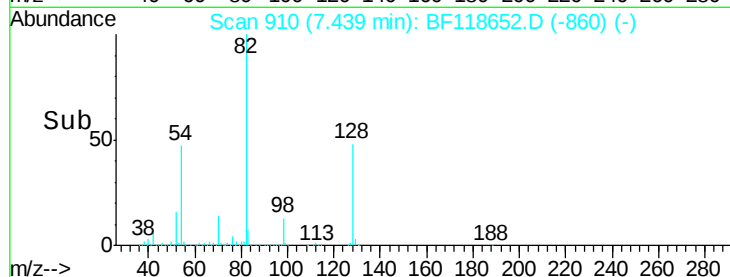


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF1



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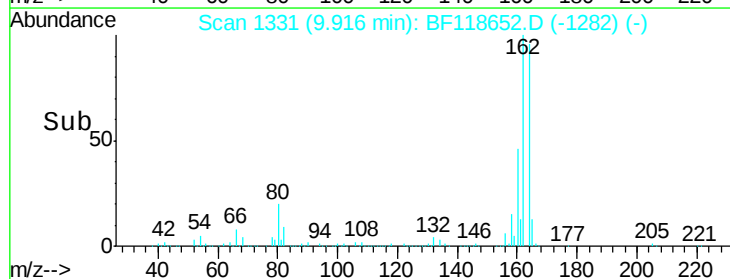
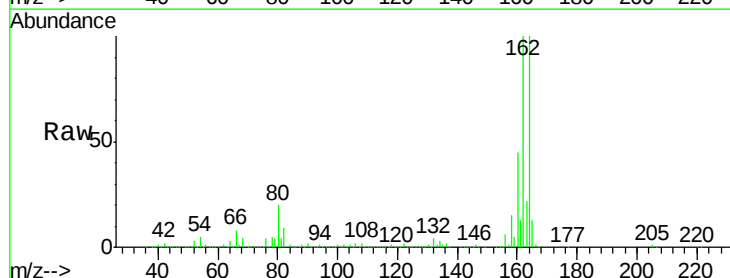
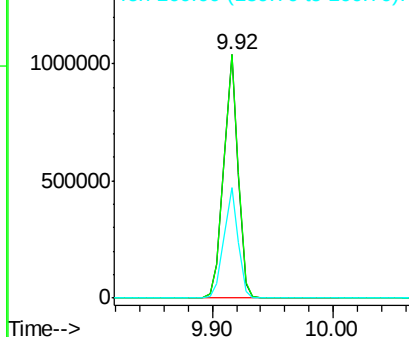
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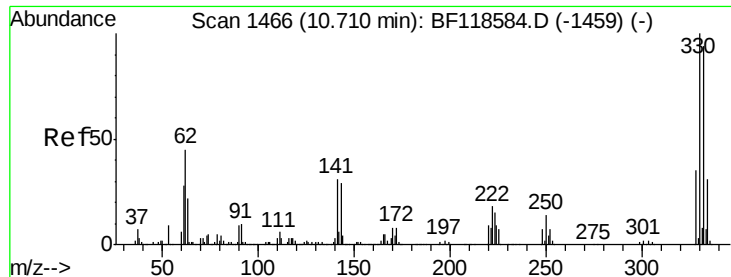


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118652.D
Acq: 22 Jan 2020 00:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.4	120.6
160	45.4	36.6	55.0

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: 115.734 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118652.D

Acq: 22 Jan 2020 00:32

Instrument :

BNA_F

ClientSampleId :

CIY1-SB-01-0-52RE

Tot Ion:330 Resp: 1133376

Ion Ratio Lower Upper

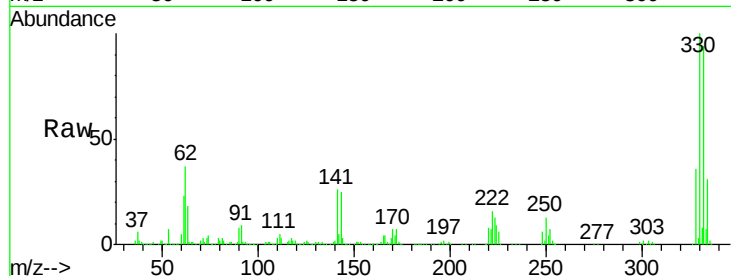
330 100

332 94.5 76.2 114.4

141 26.9 23.9 35.9

Manual Integrations

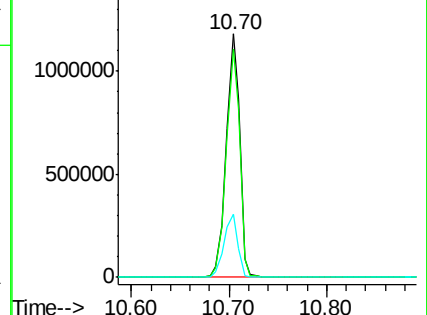
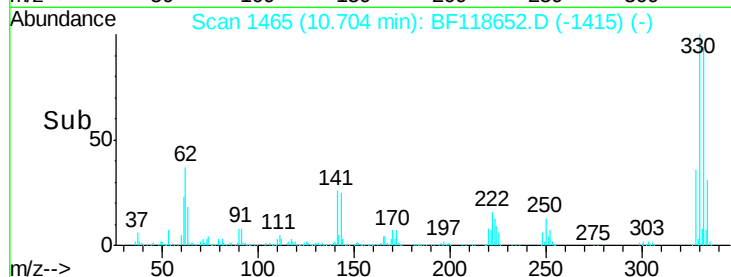
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Abundance Ion 329.80 (329.50 to 330.50): E

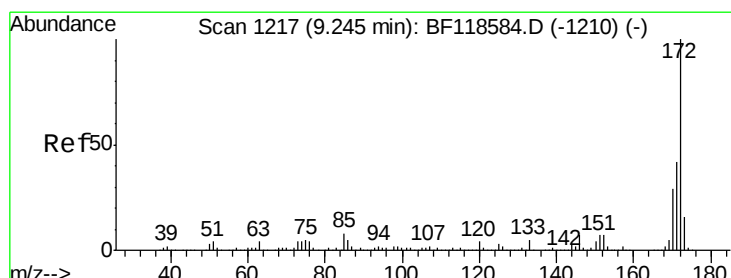
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



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#45

2-Fluorobiphenyl

Concen: 70.407 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF118652.D

Acq: 22 Jan 2020 00:32

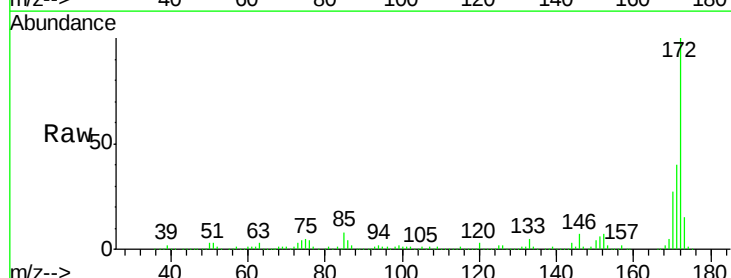
Tgt Ion:172 Resp: 3626858

Ion Ratio Lower Upper

172 100

171 40.0 33.4 50.2

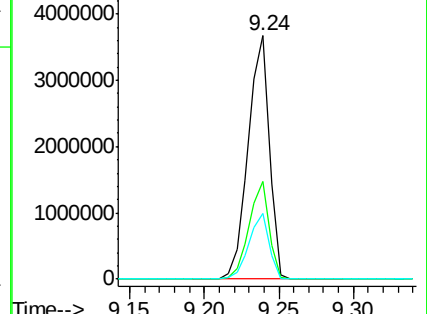
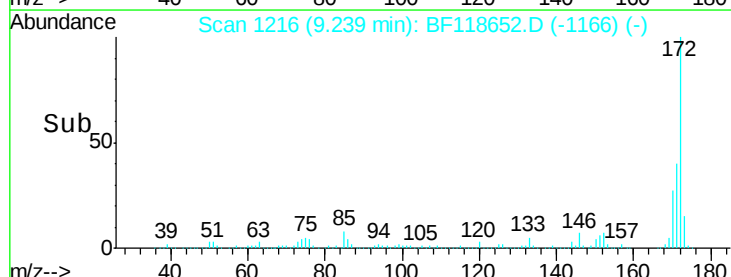
170 27.2 23.2 34.8

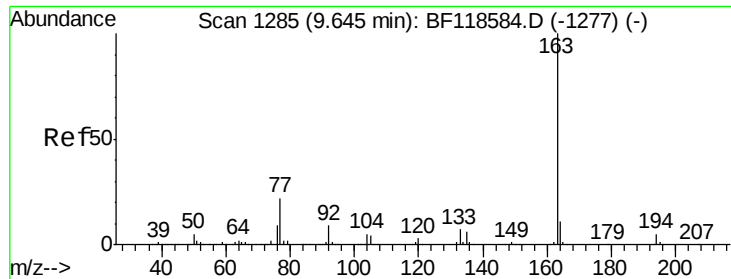


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



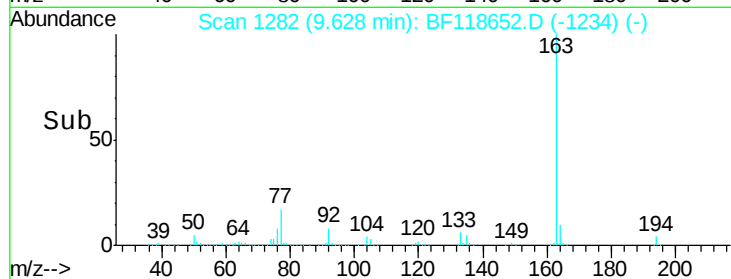
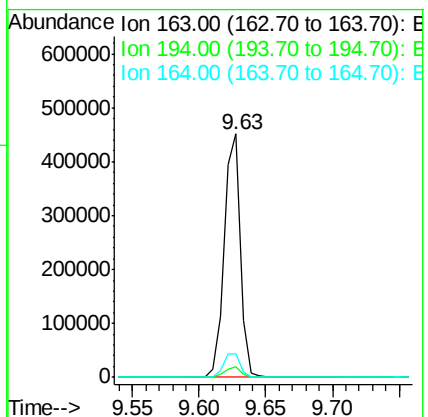
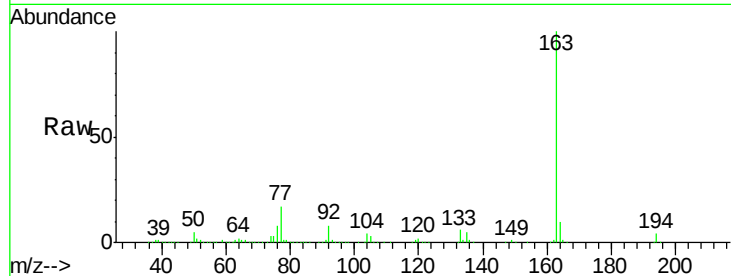


#50
Dimethylphthalate
Concen: 7.022 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF118652.D
Acq: 22 Jan 2020 00:32

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ClientSampleId :
CIY1-SB-01-0-52RE

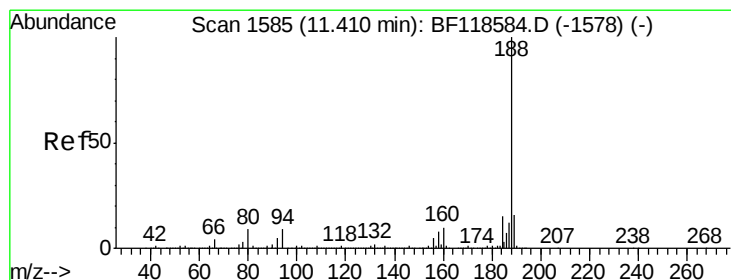
Tot Ion	Ratio	Resp	Lower	Upper
163	100	387373		
194	4.2		3.9	5.9
164	9.8		9.1	13.7

Manual Integrations
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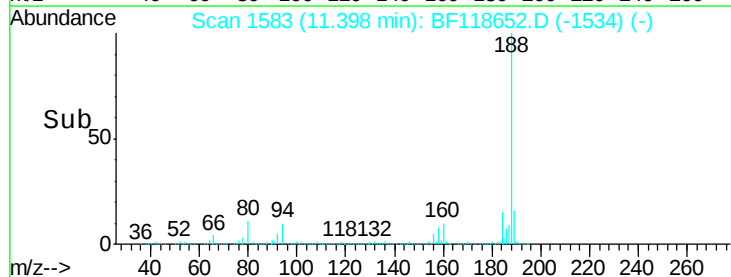
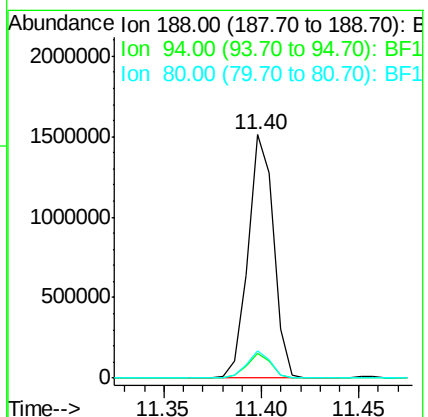
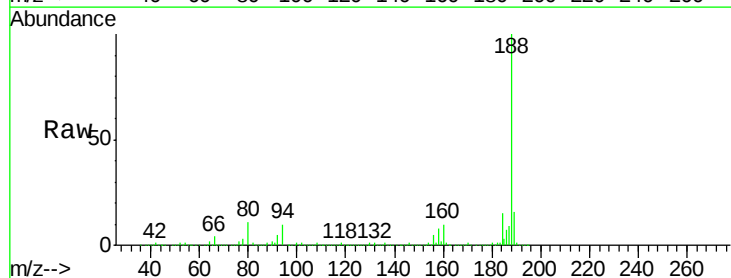
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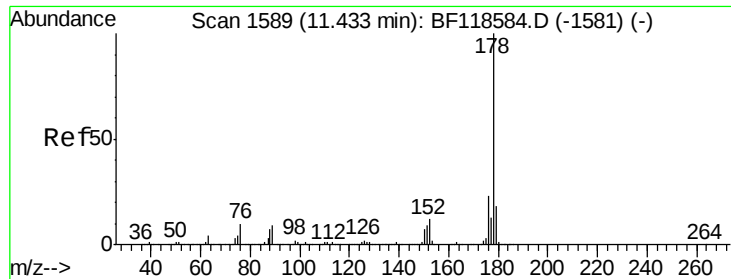
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118652.D
Acq: 22 Jan 2020 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	1368592		
94	10.1		7.1	10.7
80	11.0		7.5	11.3



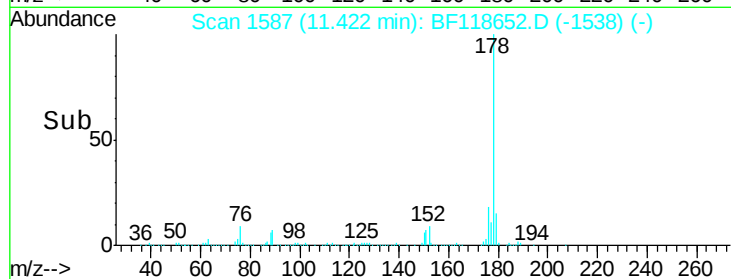
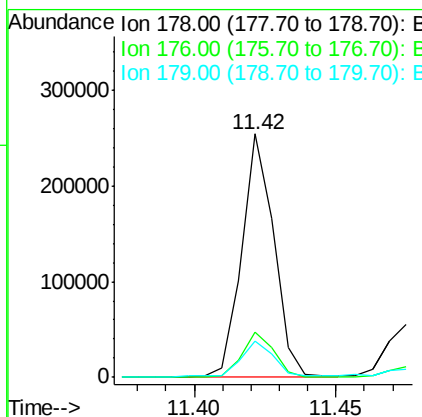
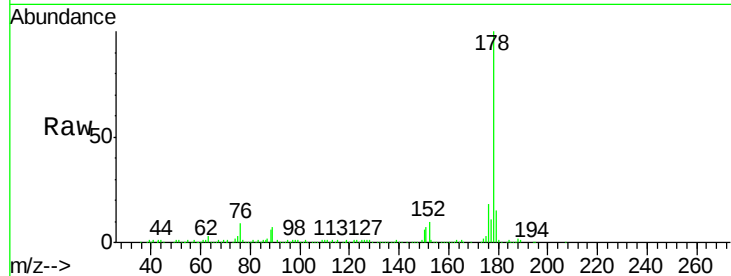


#71
Phenanthrene
Concen: 3.041 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF118652.D
Acq: 22 Jan 2020 00:32

Instrument :
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ClientSampleId :
CIY1-SB-01-0-52RE

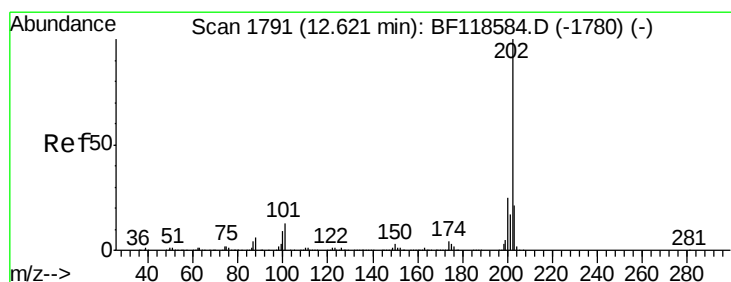
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	18.6	27.8#
179	15.1	14.7	22.1

Manual Integrations
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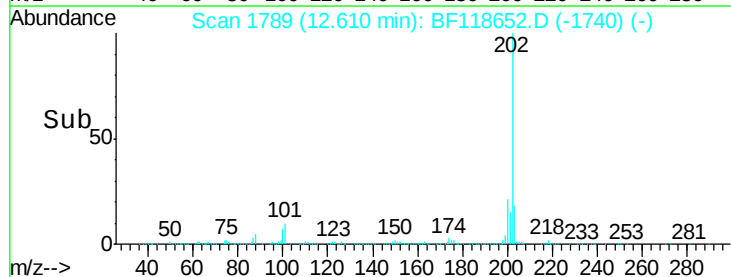
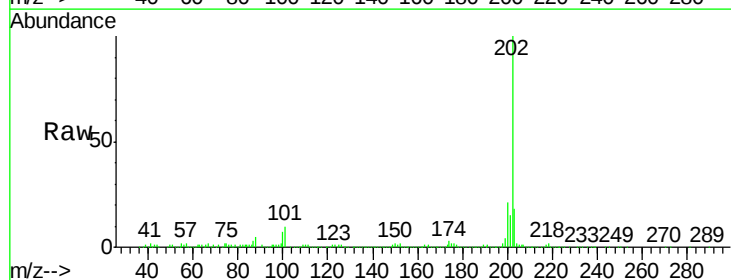
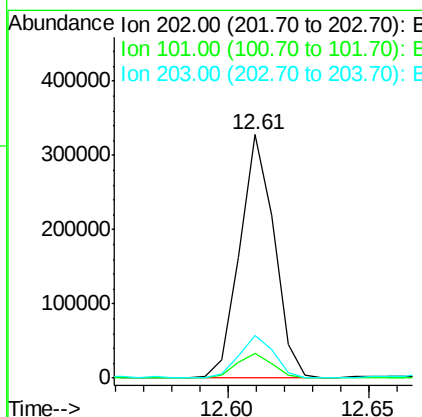
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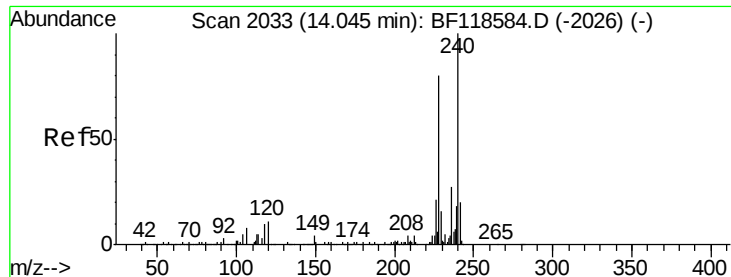
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#75
Fluoranthene
Concen: 3.971 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF118652.D
Acq: 22 Jan 2020 00:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	32.5
203	17.7	0.8	40.8



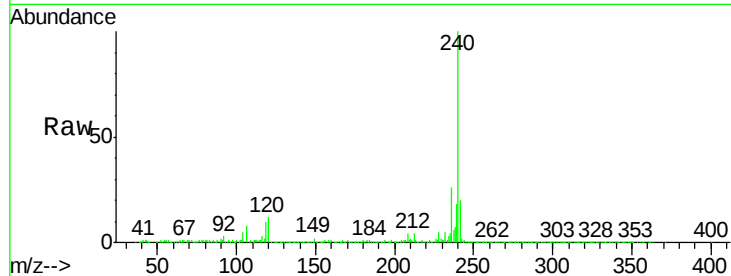


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118652.D
Acq: 22 Jan 2020 00:32

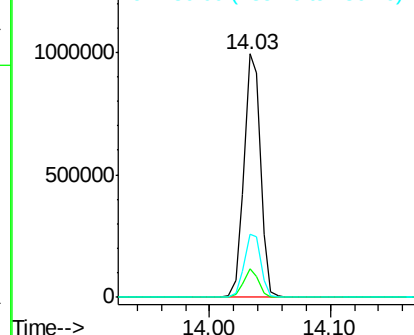
Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52RE

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.9	13.3
236	25.7	21.5	32.3

Manual Integrations
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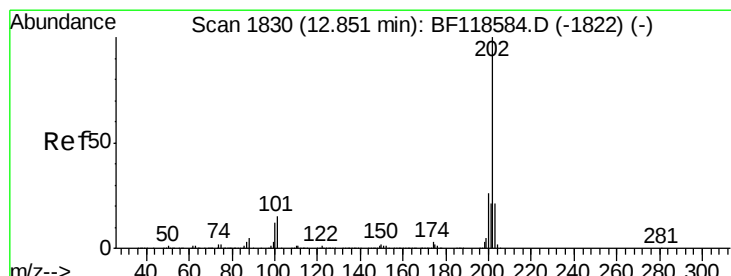
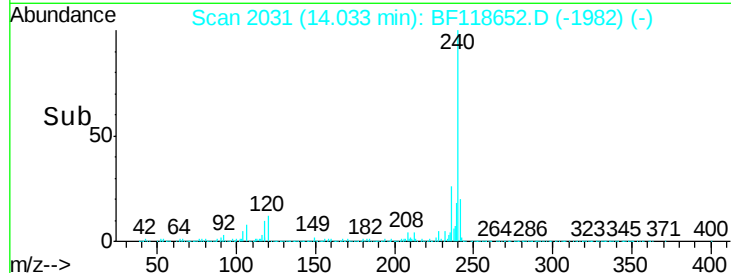


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



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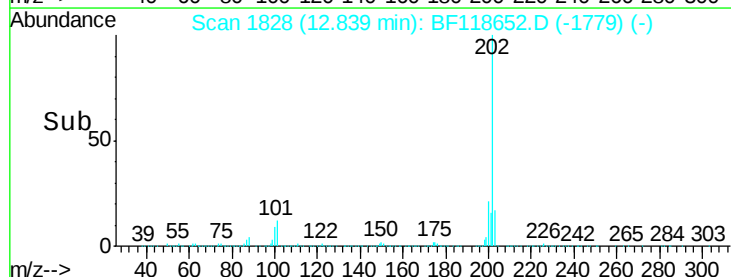
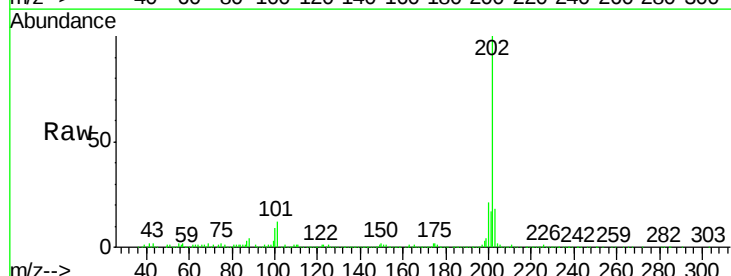
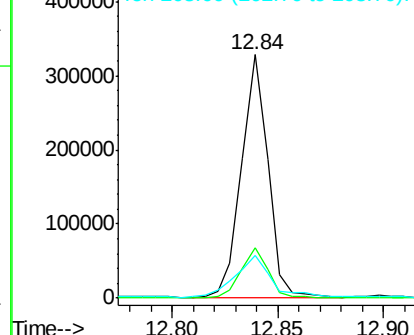
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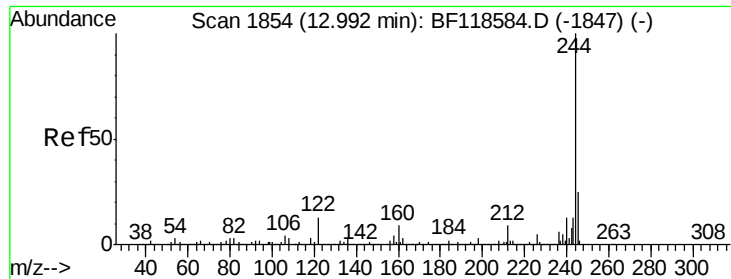


#78
Pyrene
Concen: 4.405 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF118652.D
Acq: 22 Jan 2020 00:32

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	20.6	31.0
203	17.7	16.8	25.2

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: 77.106 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF118652.D

Acq: 22 Jan 2020 00:32

Instrument :

BNA_F

ClientSampleId :

CIY1-SB-01-0-52RE

Tot Ion:244 Resp: 3362884

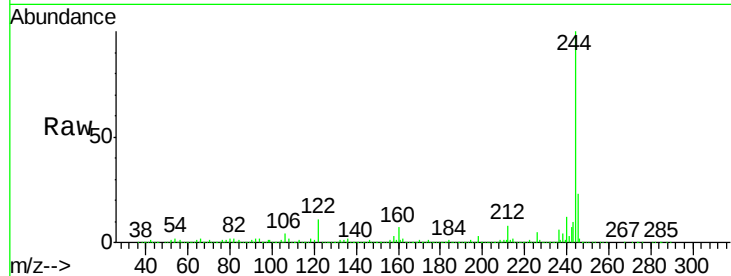
Ion Ratio Lower Upper

244 100

212 7.6 7.0 10.4

122 11.1 10.7 16.1

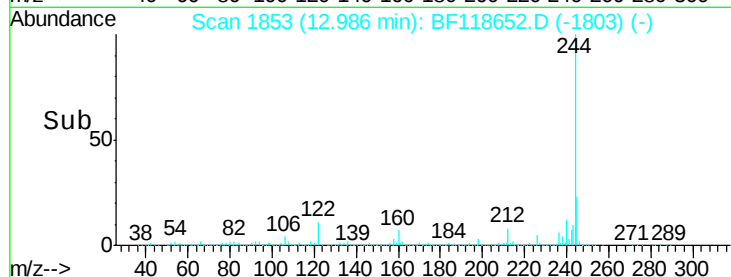
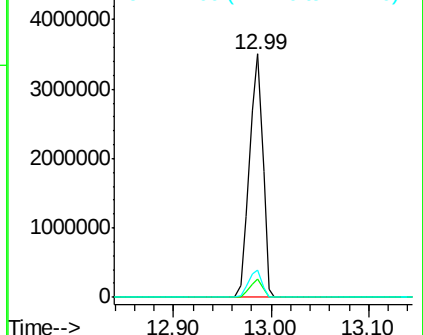
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Abundance Ion 244.00 (243.70 to 244.70): E

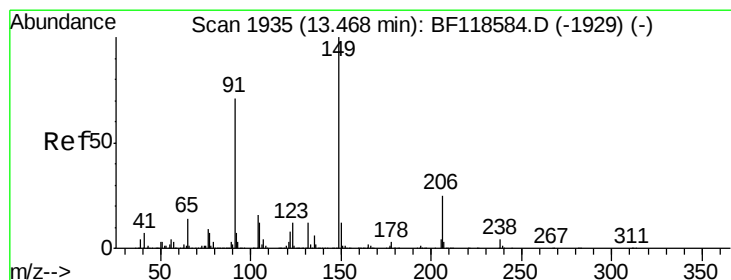
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



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#80

Butylbenzylphthalate

Concen: 43.964 ng

RT: 13.46 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BF118652.D

Acq: 22 Jan 2020 00:32

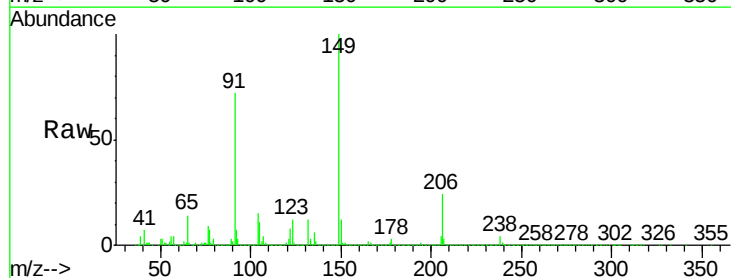
Tgt Ion:149 Resp: 1161991

Ion Ratio Lower Upper

149 100

91 71.9 56.5 84.7

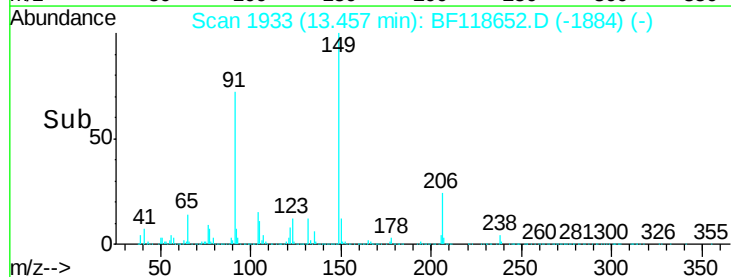
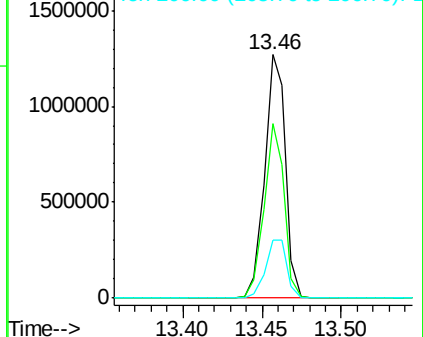
206 23.8 19.9 29.9

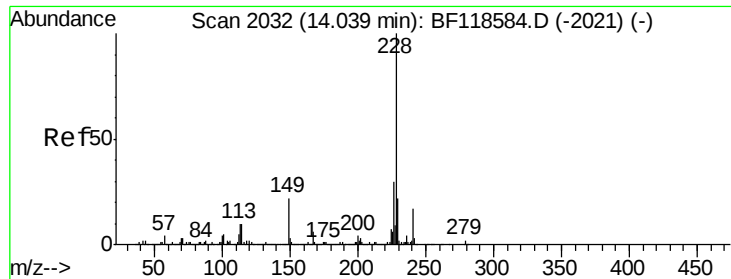


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



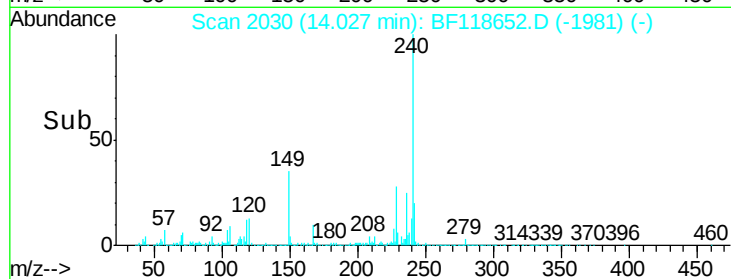
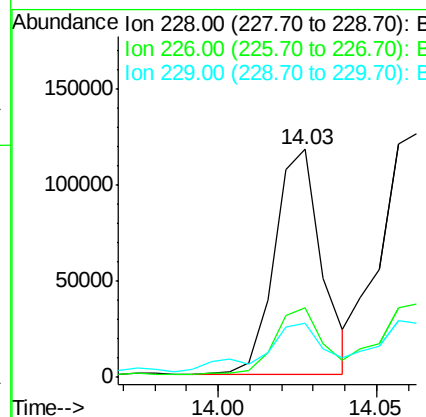
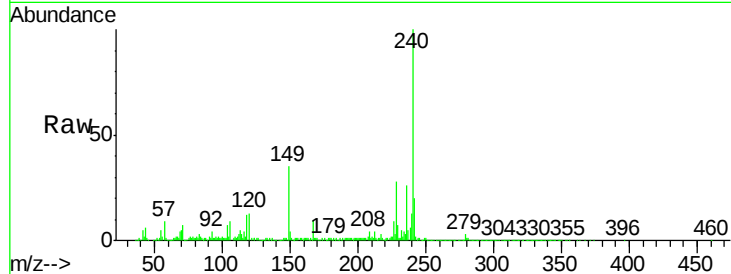


#81
Benzo(a)anthracene
Concen: 2.128 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF118652.D
Acq: 22 Jan 2020 00:32

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52RE

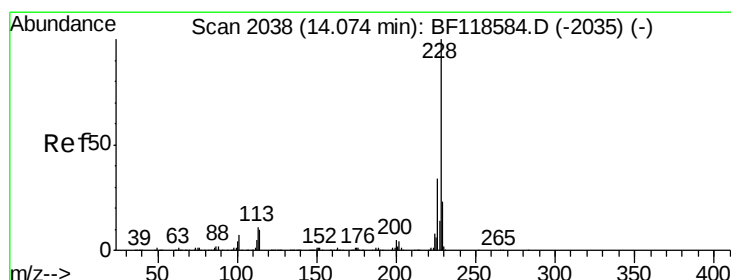
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.1	36.1
229	23.5	17.6	26.4

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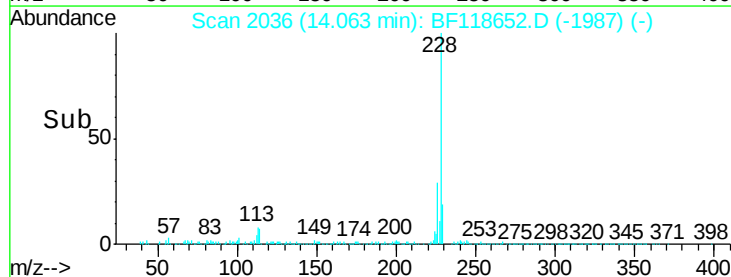
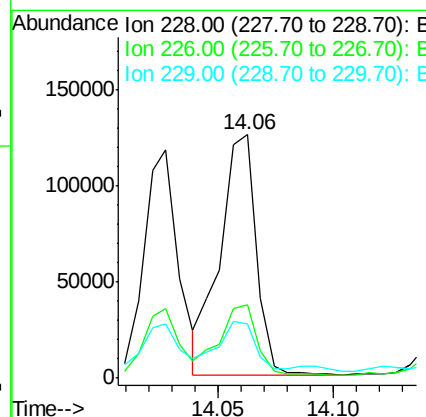
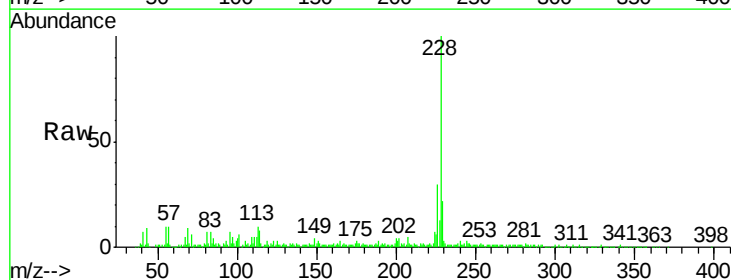
mohammad

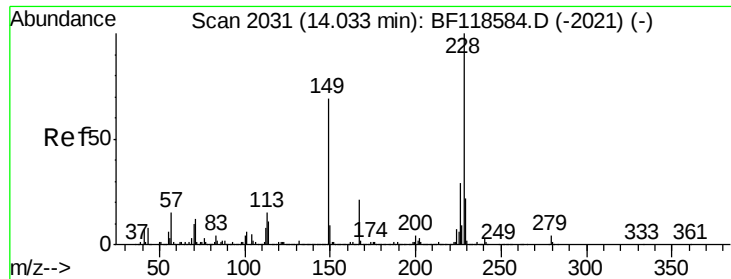
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#83
Chrysene
Concen: 2.500 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF118652.D
Acq: 22 Jan 2020 00:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	27.4	41.0
229	22.3	18.3	27.5



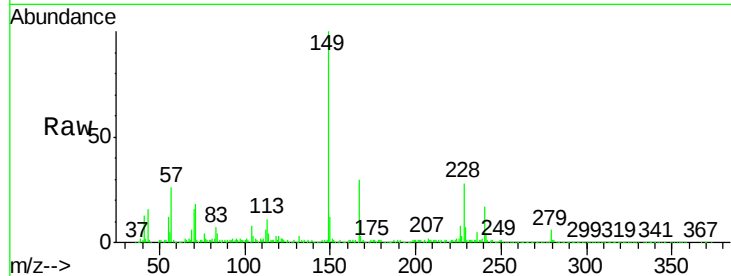


#84
Bis(2-ethylhexyl)phthalate
Concen: 11.089 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF118652.D
Acq: 22 Jan 2020 00:32

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52RE

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.9	24.2	36.4
279	5.6	5.0	7.4

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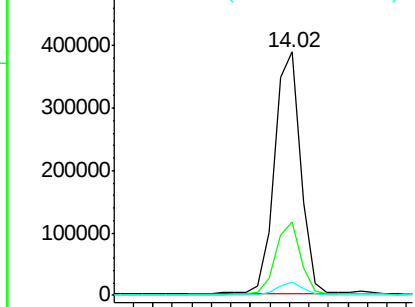


Abundance

Ion 149.00 (148.70 to 149.70): E

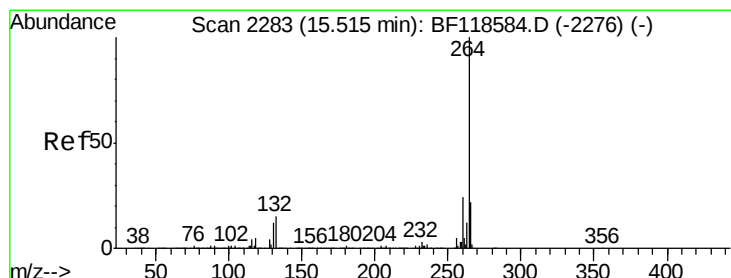
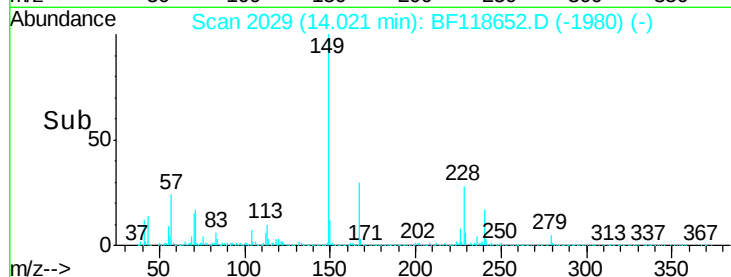
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



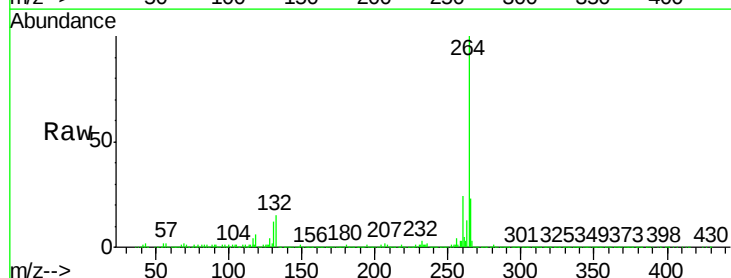
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF118652.D
Acq: 22 Jan 2020 00:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	22.6	17.7	26.5

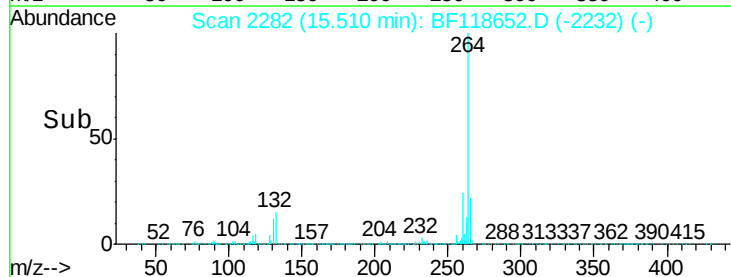
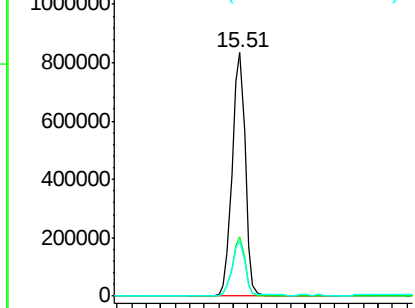


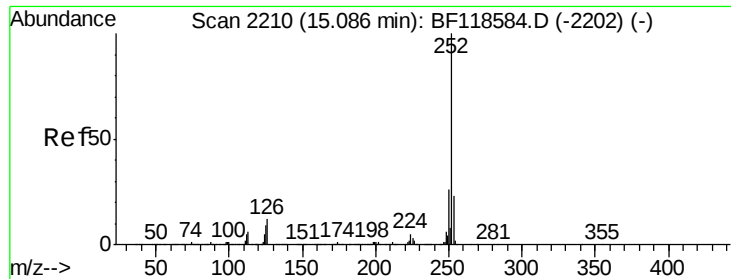
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



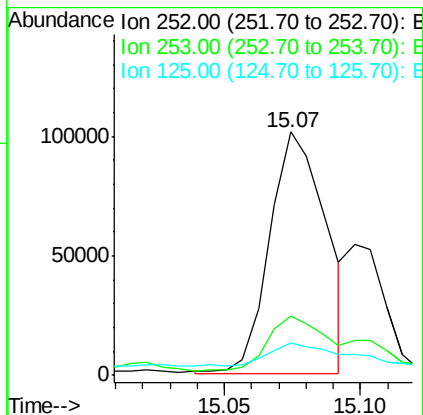
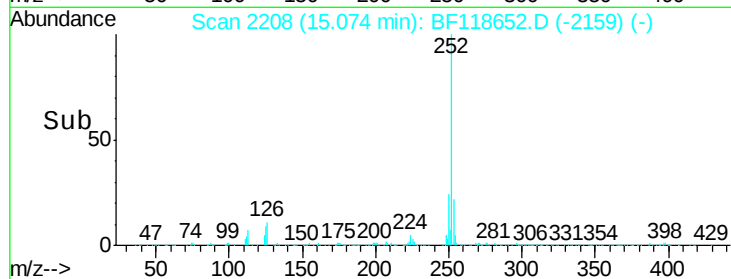
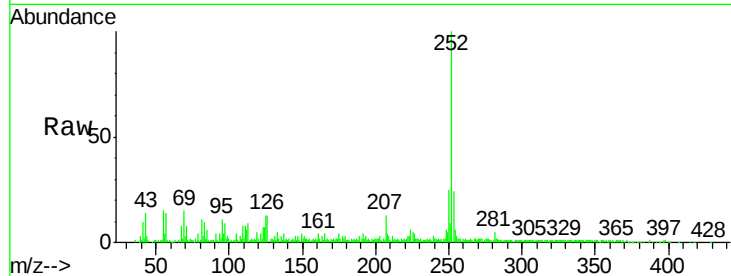


#88
 Benzo(b)fluoranthene
 Concen: 2.215 ng/mL
 RT: 15.07 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BF118652.D
 Acq: 22 Jan 2020 00:32

Instrument :
 BNA_F
 ClientSampleId :
 CIY1-SB-01-0-52RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.7	28.1
125	13.3	7.3	10.9

Manual Integrations
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