

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
 Data File : BF118672.D
 Acq On : 22 Jan 2020 19:45
 Operator : CG/JU
 Sample : L1215-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200031

Manual Integrations
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Quant Time: Jan 23 07:15:36 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	368832	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1385226	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	761937	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1290577	20.00	ng	-0.01
76) Chrysene-d12	14.04	240	831169	20.00	ng	0.00
87) Perylene-d12	15.51	264	1083957	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1861587	93.74	ng	0.00
7) Phenol-d6	6.50	99	2343557	90.79	ng	0.00
23) Nitrobenzene-d5	7.43	82	1514265	61.14	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	767681	87.11	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	2814036	60.70	ng	0.00
79) Terphenyl-d14	12.99	244	2754417	72.28	ng	0.00

Target Compounds					Qvalue	
10) Phenol	6.51	94	89983	3.059	ng	85
50) Dimethylphthalate	9.63	163	651842	13.131	ng	98
58) Fluorene	10.46	166	123161	2.719	ng	99
71) Phenanthrene	11.43	178	1673503	26.878	ng	93
72) Anthracene	11.47	178	303211	4.922	ng	93
73) Carbazole	11.62	167	175309	3.102	ng	92
75) Fluoranthene	12.62	202	2546066	38.771	ng	97
78) Pyrene	12.85	202	2305235	40.852	ng	95
81) Benzo(a)anthracene	14.03	228	1113498	22.270	ng	98
83) Chrysene	14.06	228	1187729m	24.786	ng	
86) Indeno(1,2,3-cd)pyrene	16.99	276	925751	22.234	ng	97
88) Benzo(b)fluoranthene	15.08	252	1739908m	25.536	ng	
89) Benzo(k)fluoranthene	15.10	252	562552m	8.912	ng	
90) Benzo(a)pyrene	15.45	252	1254785	21.349	ng	99
91) Dibenzo(a,h)anthracene	16.99	278	231722m	4.457	ng	
92) Benzo(g,h,i)perylene	17.43	276	880891	17.451	ng	98

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

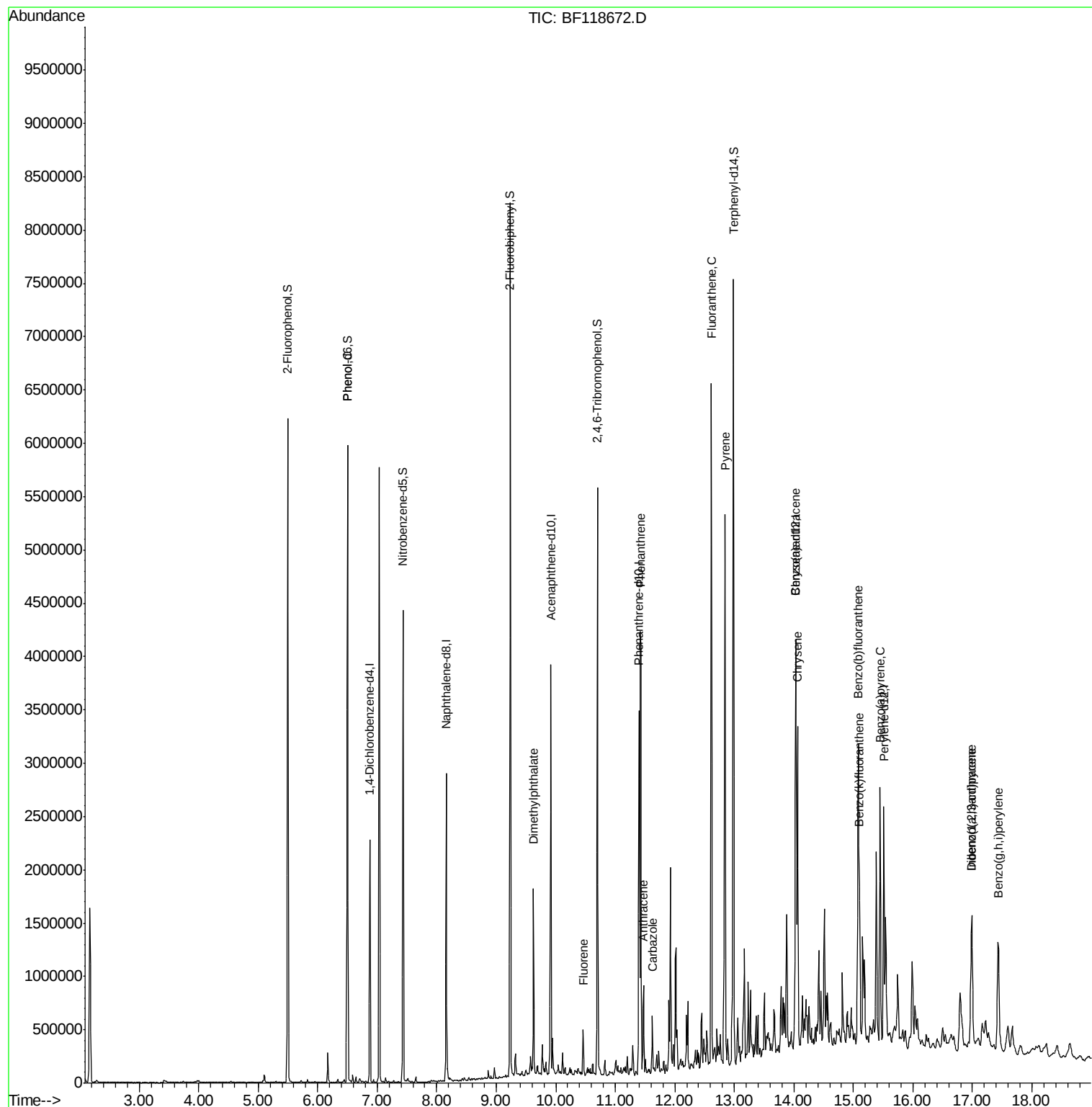
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
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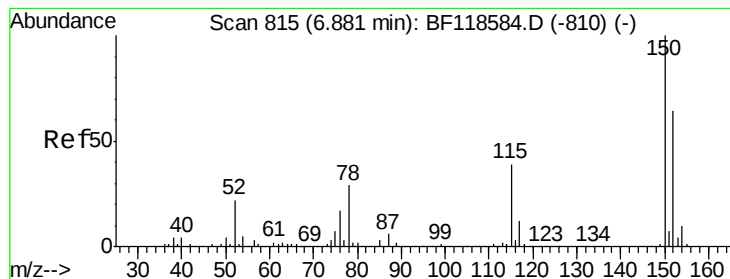
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

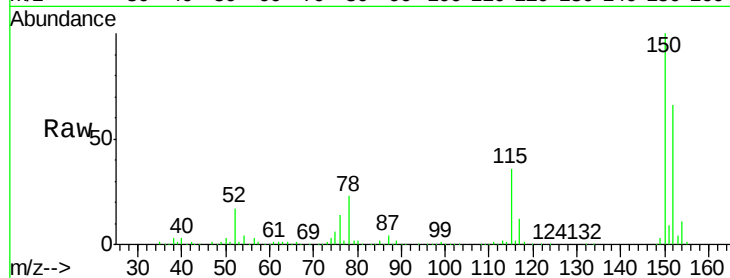
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118672.D
Acq: 22 Jan 2020 19:45

Instrument :
BNA_F
ClientSampleId :
RBR-200031

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	125.6	188.4
115	54.7	48.4	72.6

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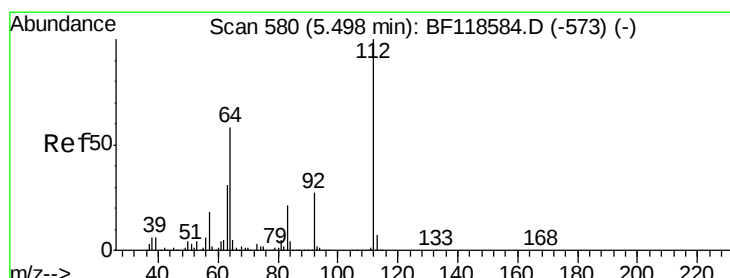
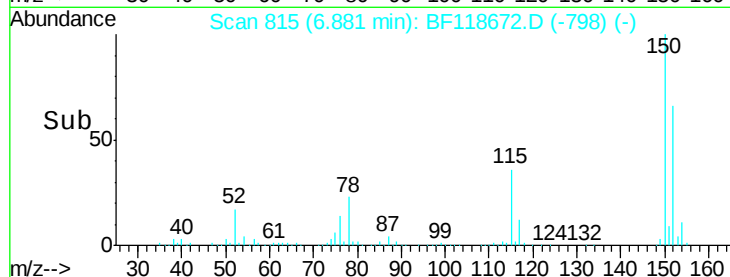
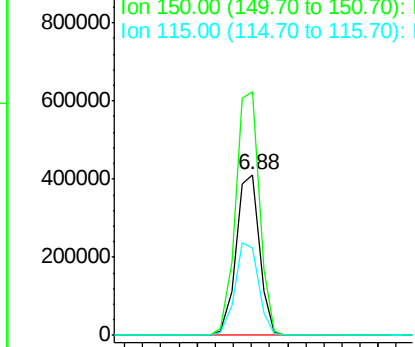


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

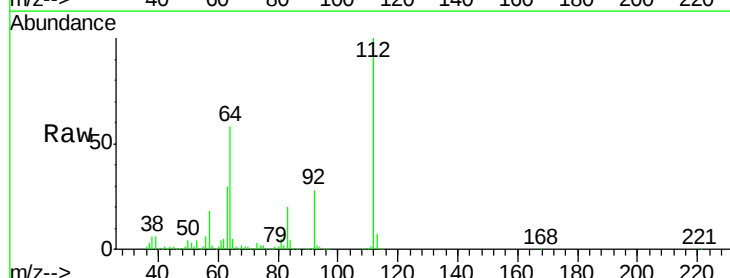
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 93.740 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF118672.D
Acq: 22 Jan 2020 19:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	46.6	70.0
63	30.4	25.1	37.7

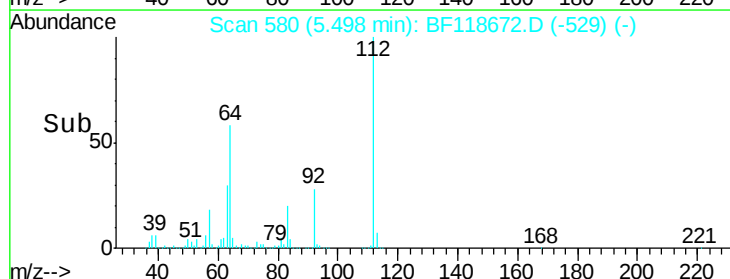
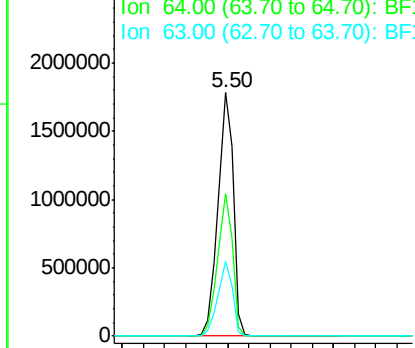


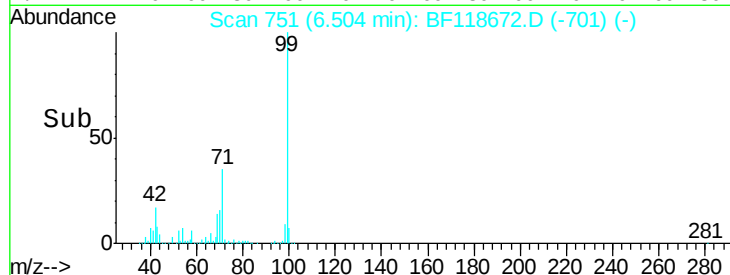
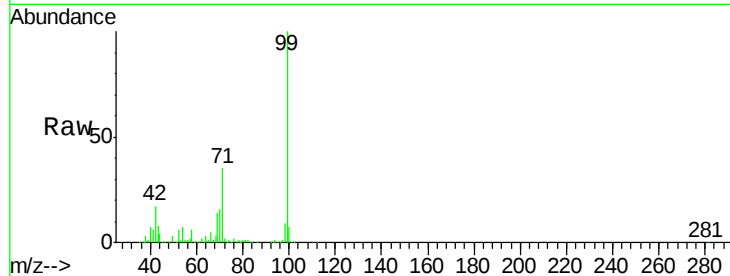
Abundance

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: 90.795 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118672.D

Acq: 22 Jan 2020 19:45

Tot Ion: 99 Resp: 2343557

Ion Ratio Lower Upper

99 100

42 16.8 14.2 21.2

71 35.3 27.8 41.6

Instrument :

BNA_F

ClientSampled :

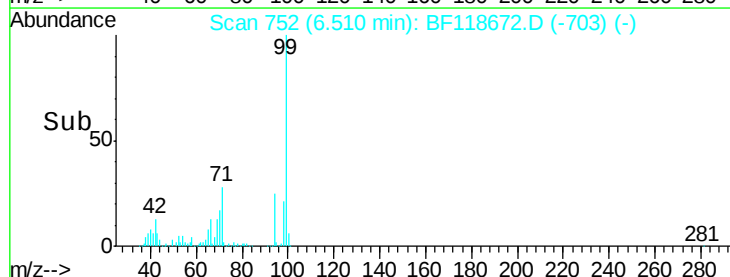
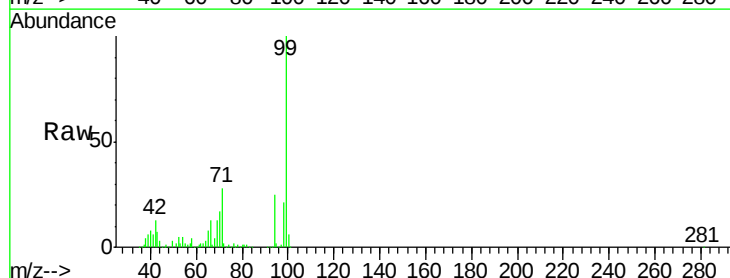
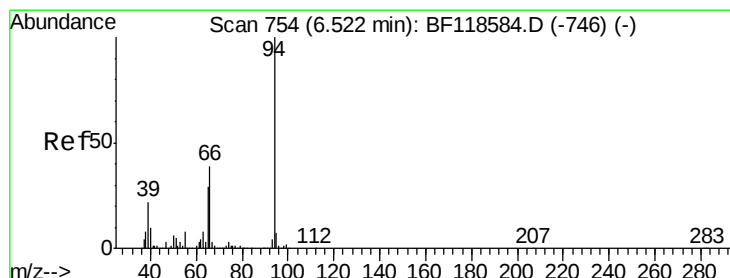
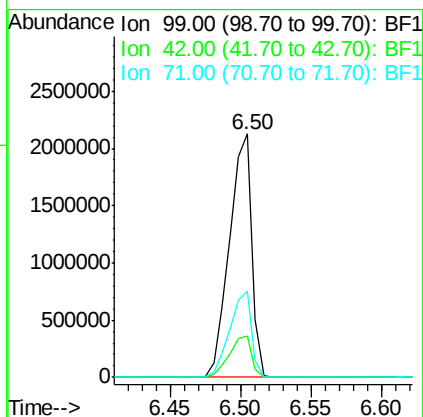
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#10

Phenol

Concen: 3.059 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118672.D

Acq: 22 Jan 2020 19:45

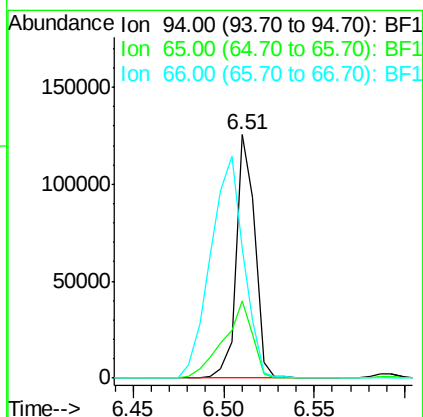
Tgt Ion: 94 Resp: 89983

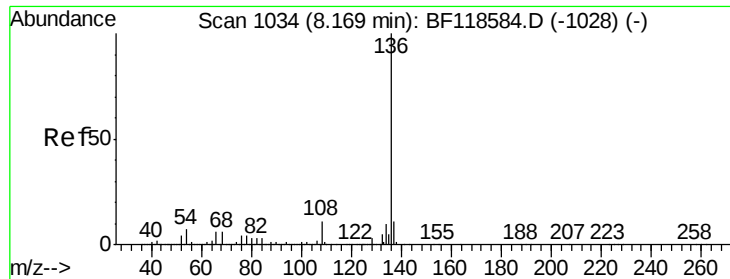
Ion Ratio Lower Upper

94 100

65 31.5 9.5 49.5

66 53.0 18.5 58.5





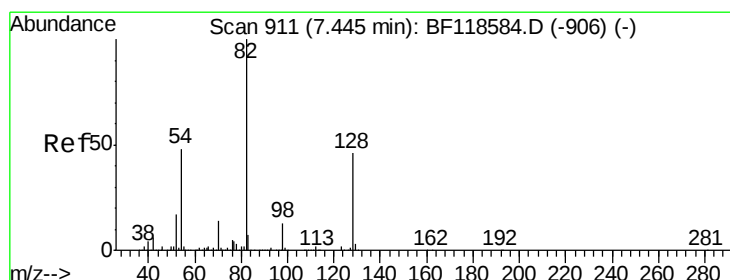
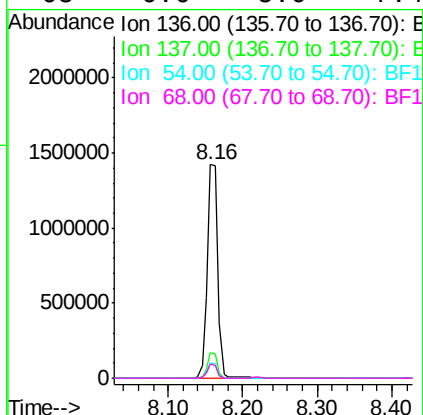
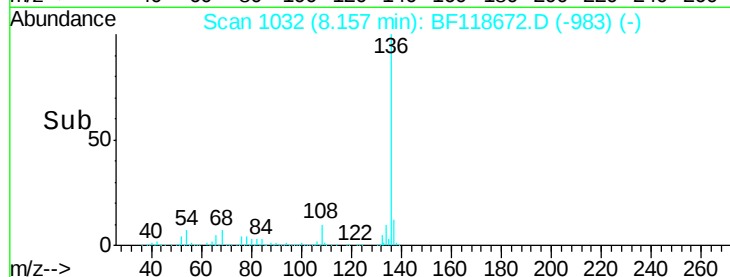
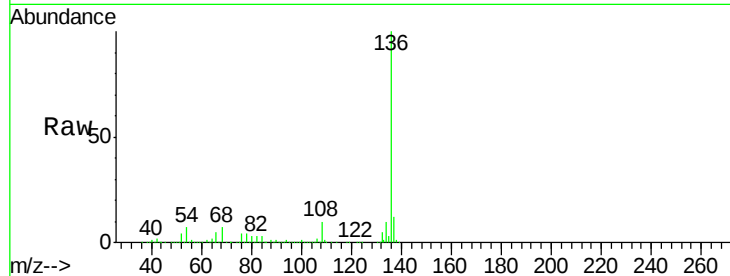
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF118672.D
Acq: 22 Jan 2020 19:45

Instrument :
BNA_F
ClientSampleId :
RBR-200031

Tot Ion	136	Resp	1385226
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	7.3	5.8	8.6
68	6.6	5.0	7.4

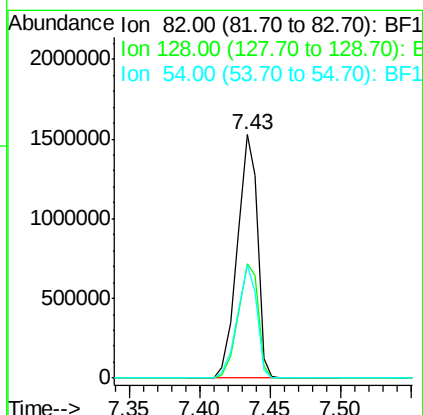
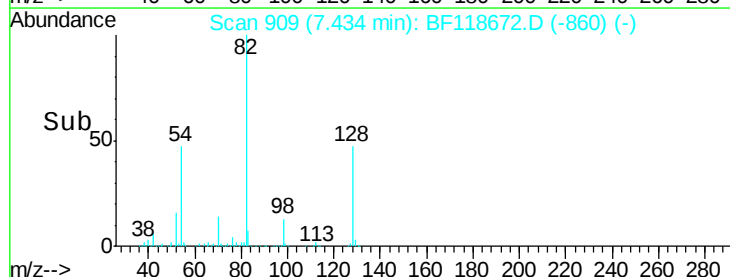
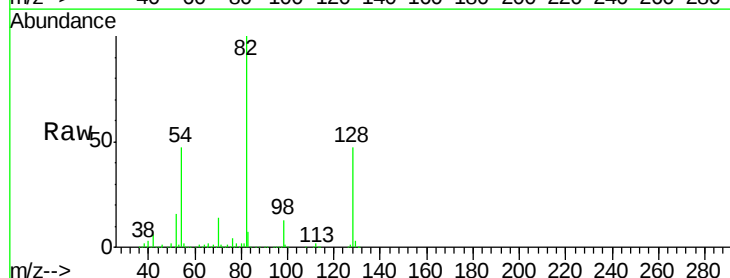
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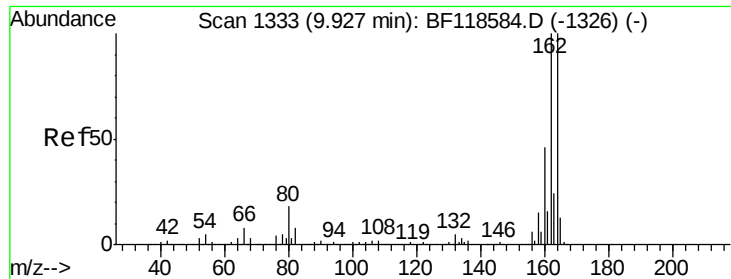
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#23
Nitrobenzene-d5
Concen: 61.144 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF118672.D
Acq: 22 Jan 2020 19:45

Tgt Ion	82	Resp	1514265
Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.6	54.8
54	46.6	38.0	57.0





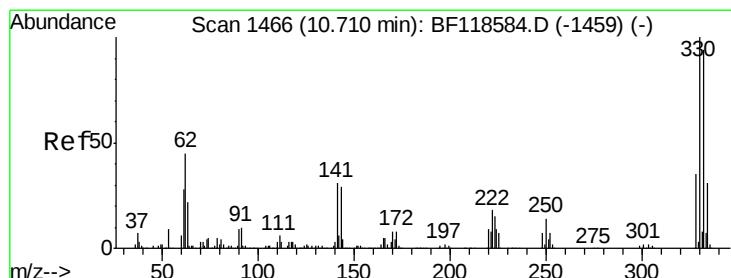
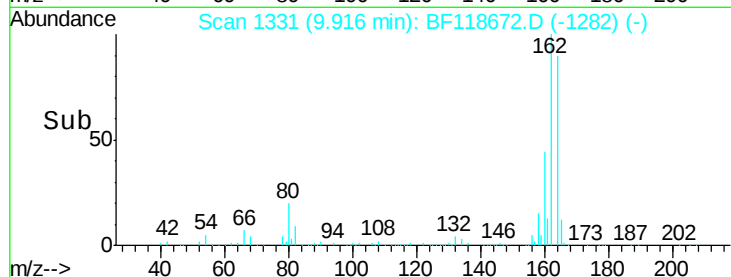
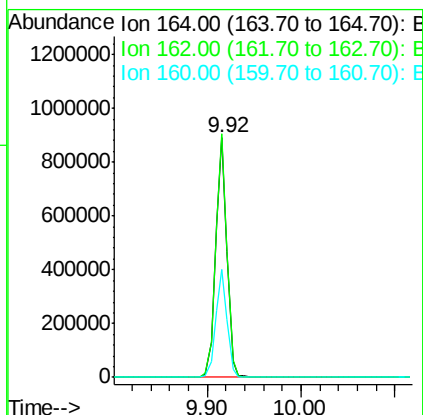
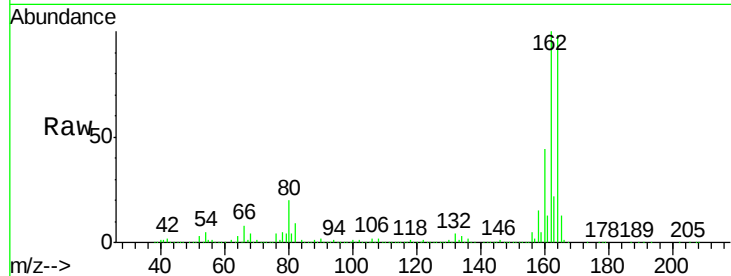
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118672.D
Acq: 22 Jan 2020 19:45

Instrument :
BNA_F
ClientSampleId :
RBR-200031

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.4	120.6
160	44.9	36.6	55.0

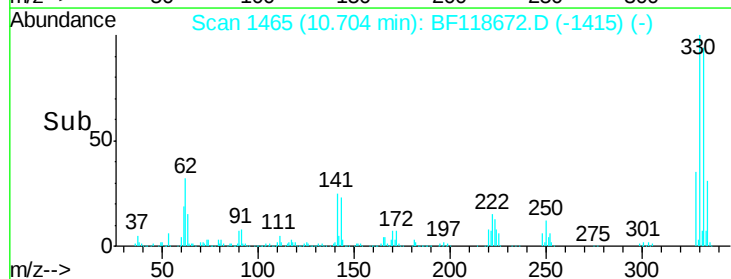
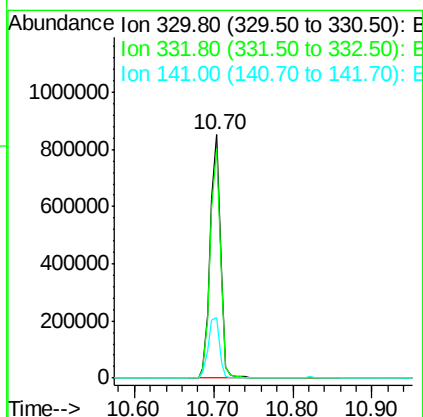
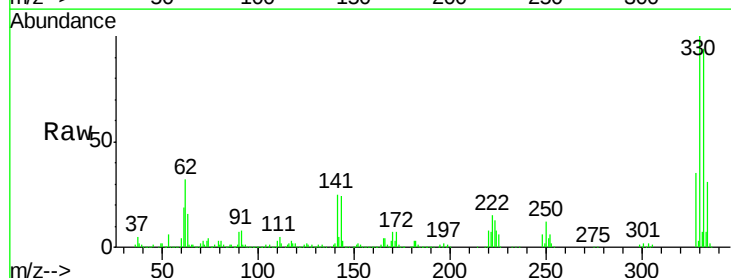
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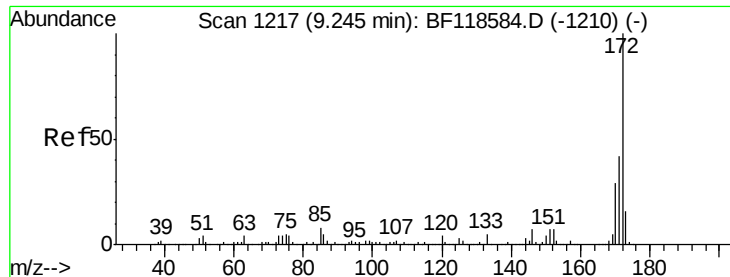
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#42
2,4,6-Tribromophenol
Concen: 87.110 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF118672.D
Acq: 22 Jan 2020 19:45

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.2	114.4
141	27.5	23.9	35.9





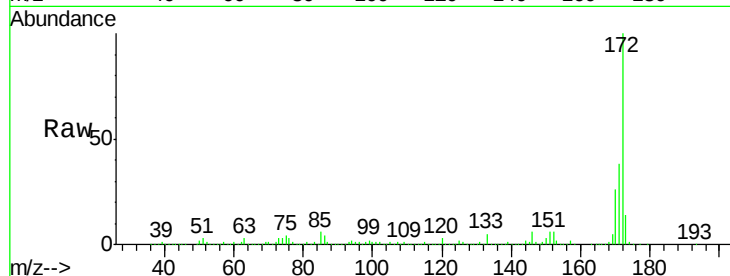
#45
2-Fluorobiphenyl
Concen: 60.703 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF118672.D
Acq: 22 Jan 2020 19:45

Instrument :
BNA_F
ClientSampleId :
RBR-200031

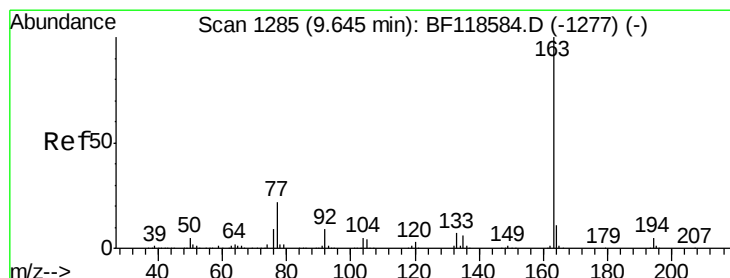
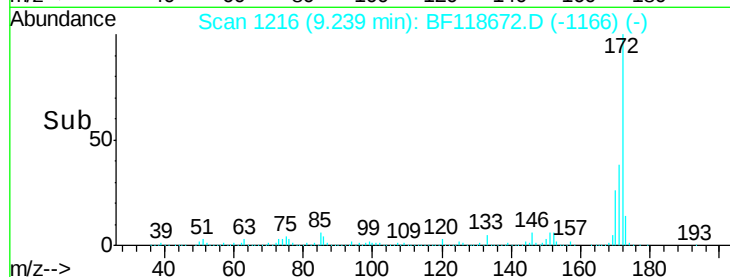
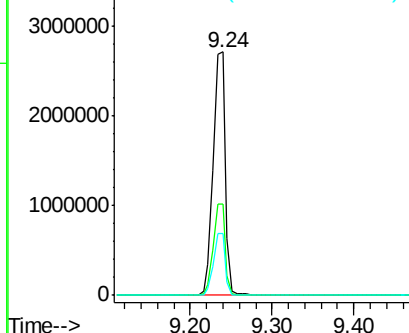
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	33.4	50.2
170	25.5	23.2	34.8

Manual Integrations
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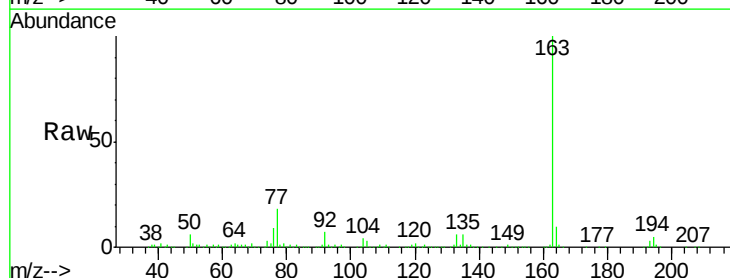


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

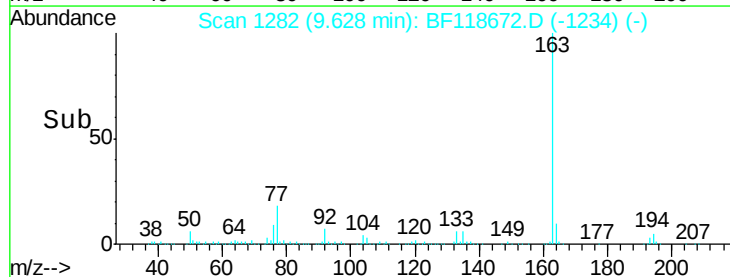
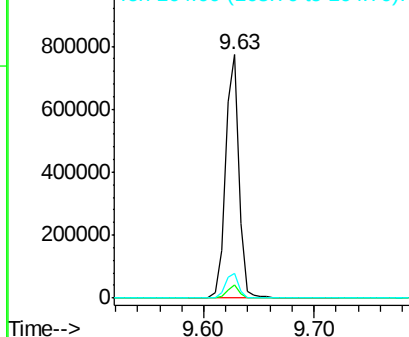


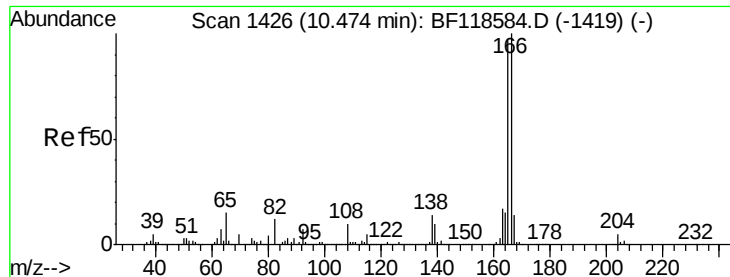
#50
Dimethylphthalate
Concen: 13.131 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF118672.D
Acq: 22 Jan 2020 19:45

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.9	5.9
164	10.3	9.1	13.7



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





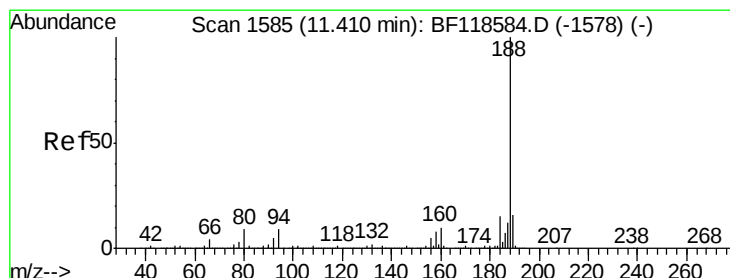
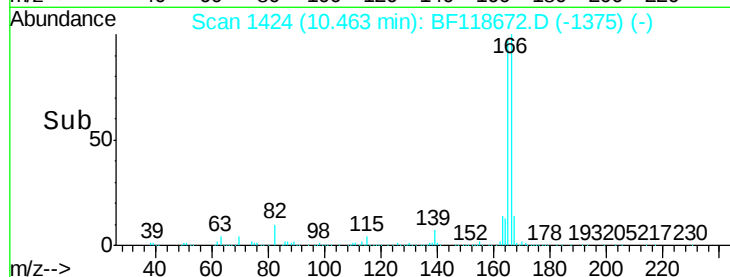
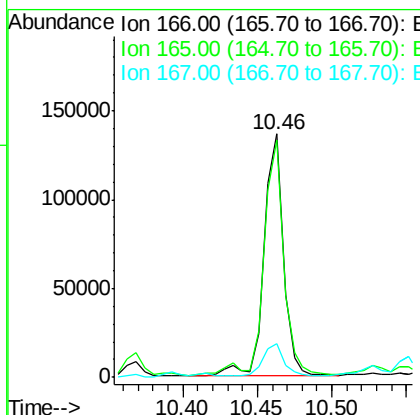
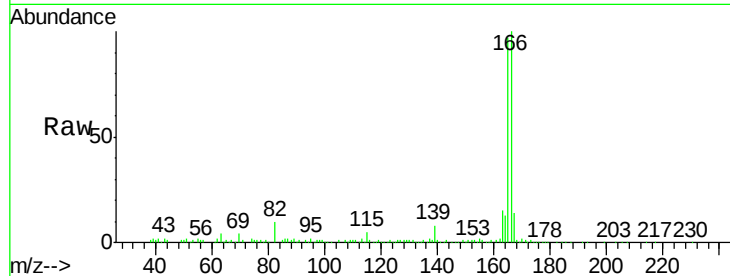
#58
 Fluorene
 Concen: 2.719 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF118672.D
 Acq: 22 Jan 2020 19:45

Instrument :
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 RBR-200031

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.3	115.9
167	13.9	11.5	17.3

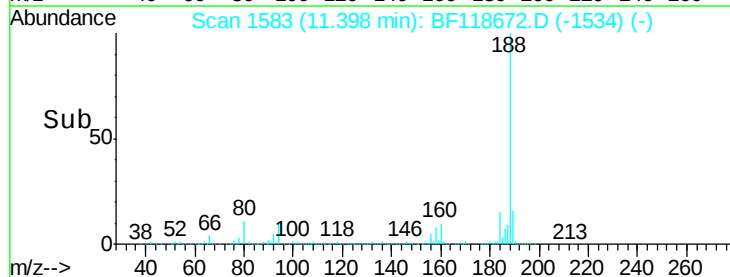
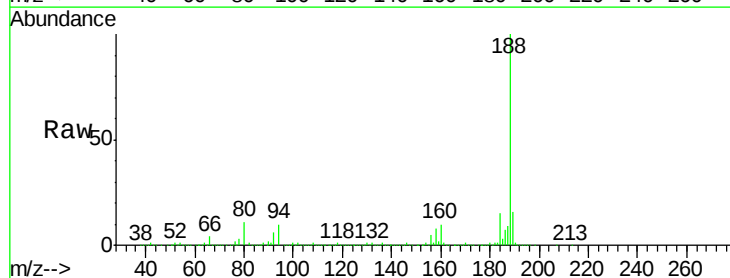
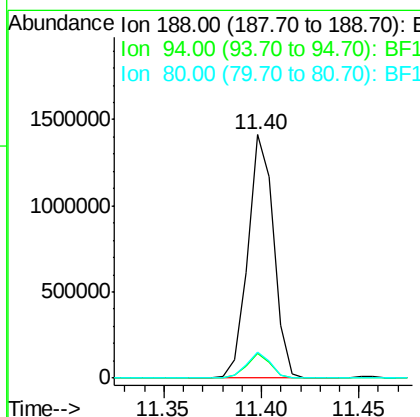
Manual Integrations
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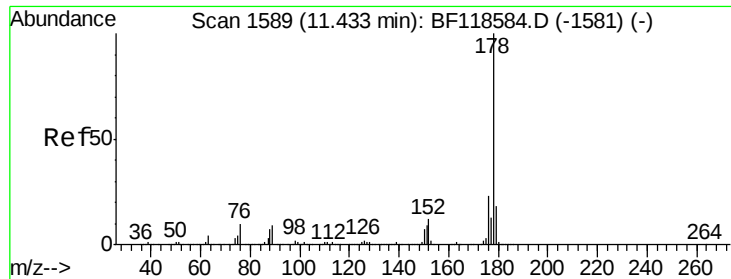
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF118672.D
 Acq: 22 Jan 2020 19:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	7.1	10.7
80	10.9	7.5	11.3





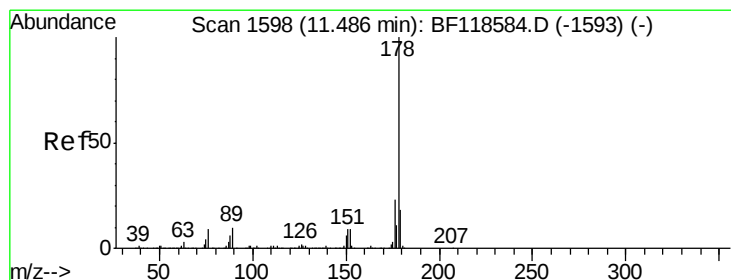
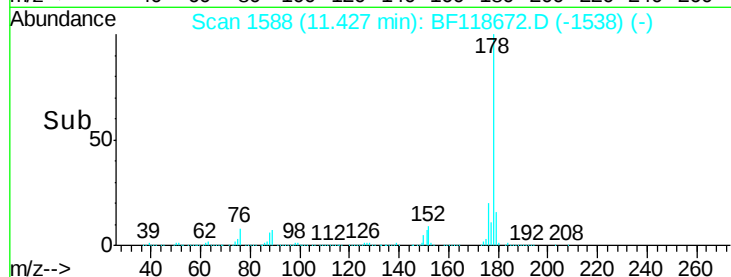
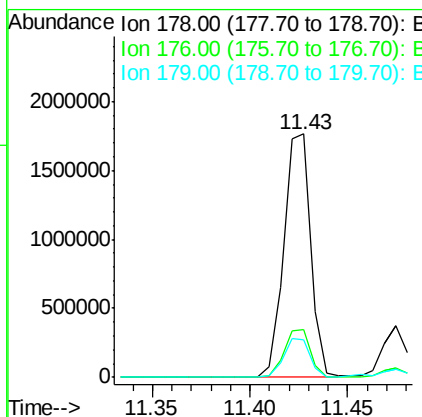
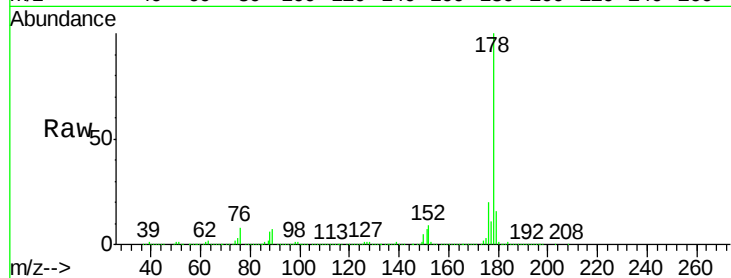
#71
Phenanthrene
Concen: 26.878 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF118672.D
Acq: 22 Jan 2020 19:45

Instrument :
BNA_F
ClientSampleId :
RBR-200031

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	18.6	27.8
179	15.6	14.7	22.1

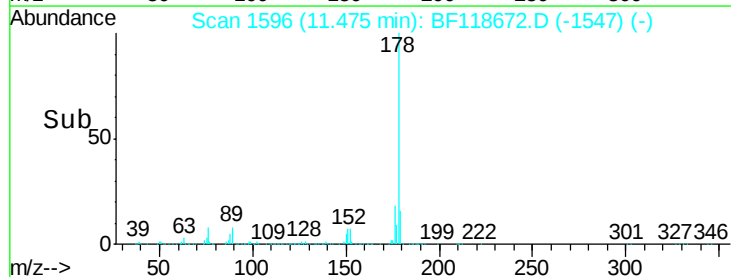
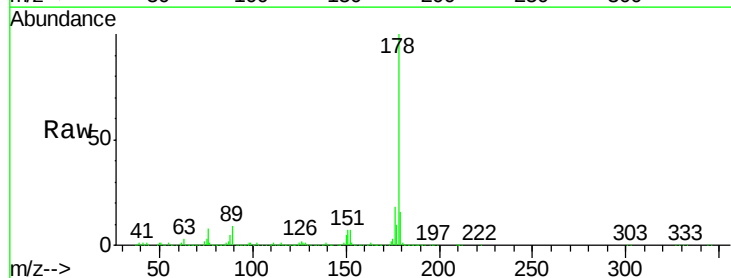
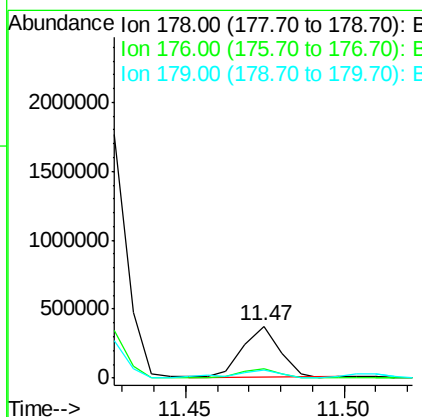
Manual Integrations
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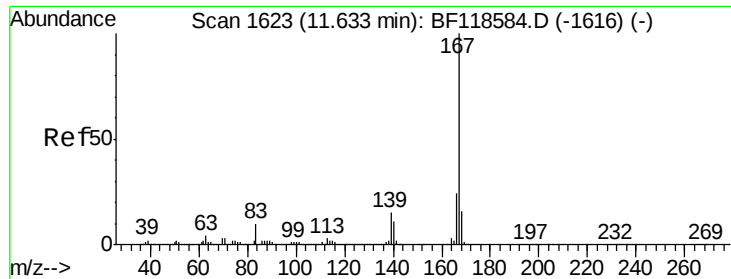
mohammad
1/23/2020 1:54:24 PM



#72
Anthracene
Concen: 4.922 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF118672.D
Acq: 22 Jan 2020 19:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	18.0	27.0
179	16.3	14.7	22.1





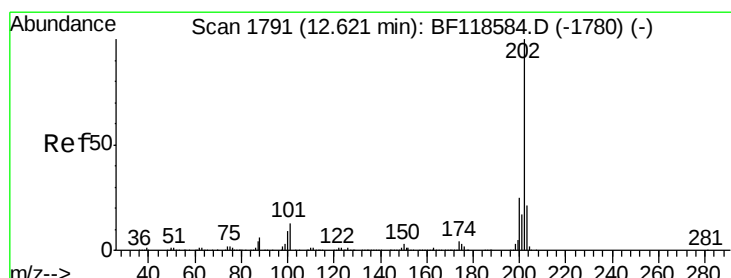
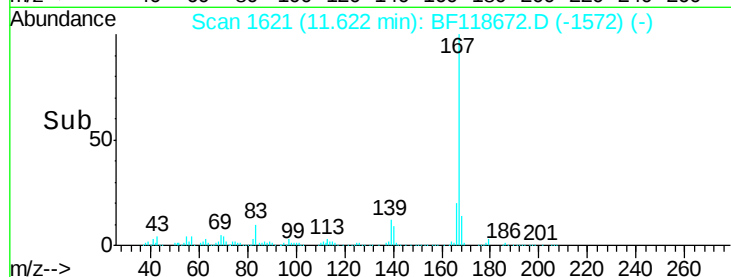
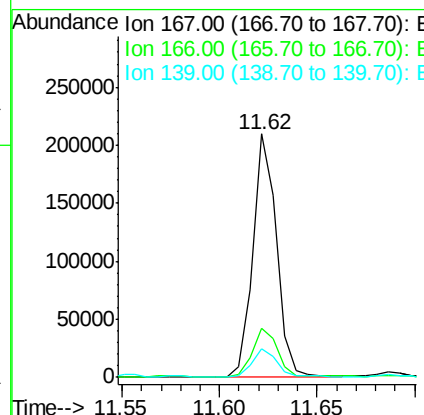
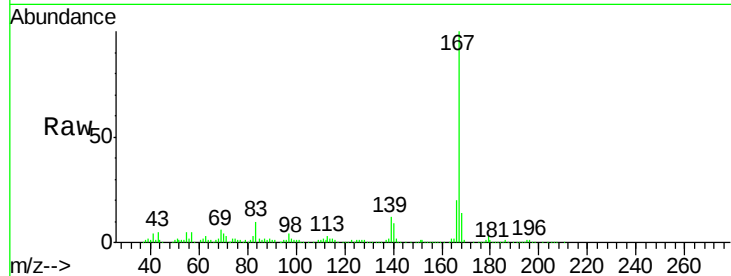
#73
 Carbazole
 Concen: 3.102 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.01 min
 Lab File: BF118672.D
 Acq: 22 Jan 2020 19:45

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200031

Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100		175309		
166	20.2	19.4		29.2	
139	11.9	11.7		17.5	

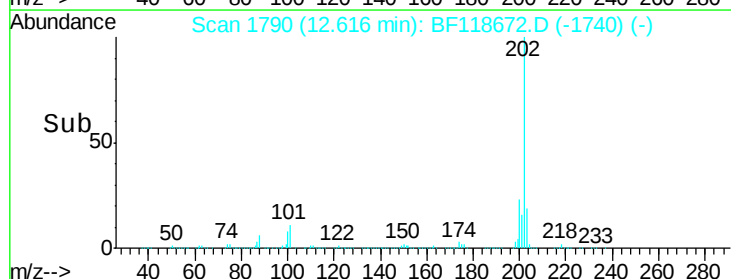
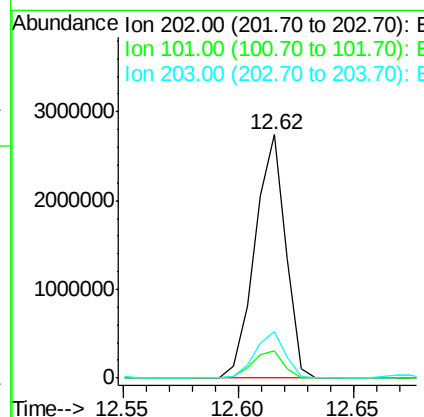
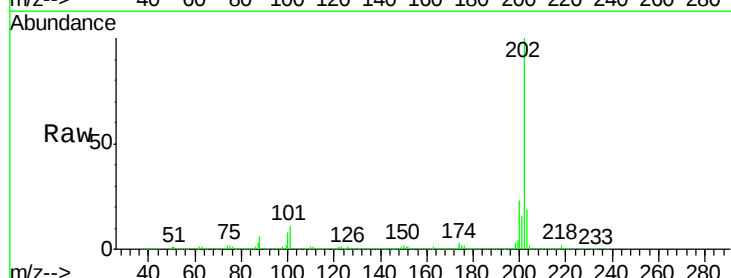
Manual Integrations
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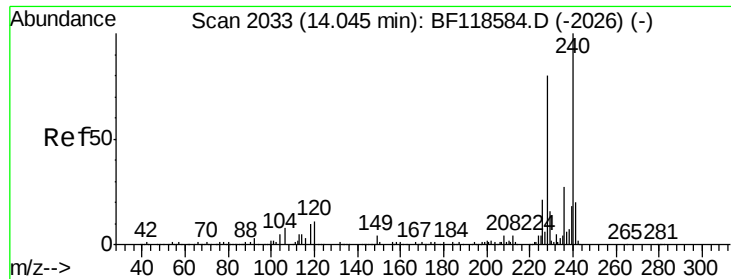
mohammad
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#75
 Fluoranthene
 Concen: 38.771 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BF118672.D
 Acq: 22 Jan 2020 19:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		2546066		
101	11.4	0.0		32.5	
203	19.0	0.8		40.8	





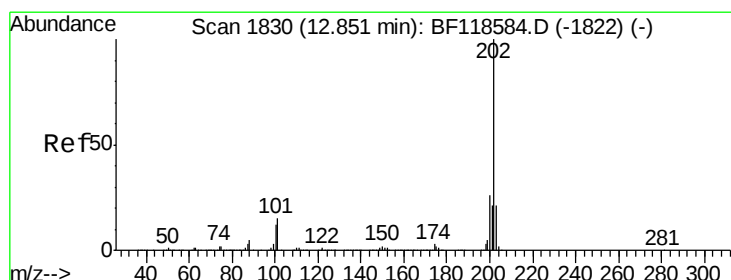
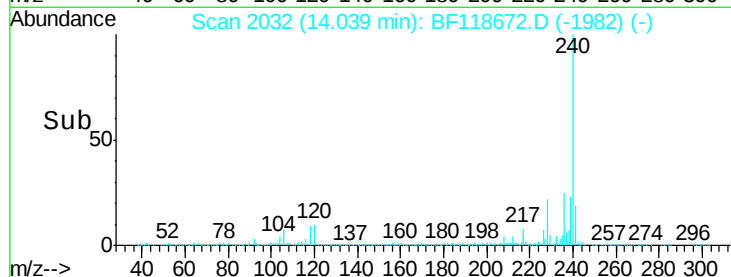
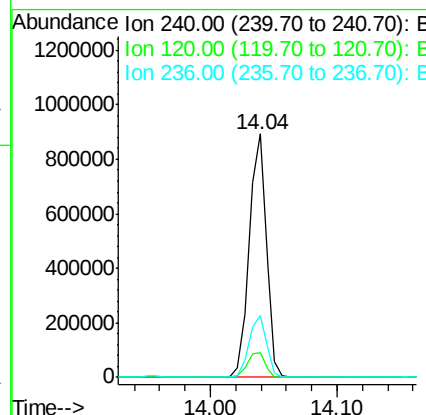
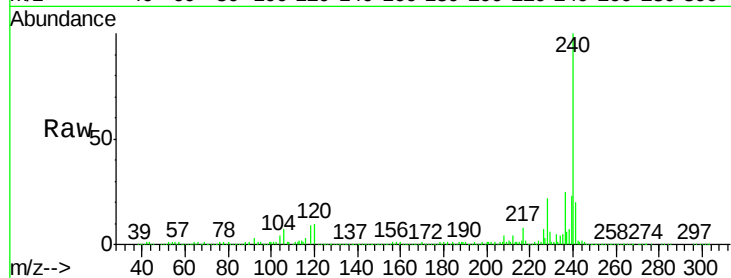
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF118672.D
Acq: 22 Jan 2020 19:45

Instrument :
BNA_F
ClientSampleId :
RBR-200031

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.9	13.3
236	25.5	21.5	32.3

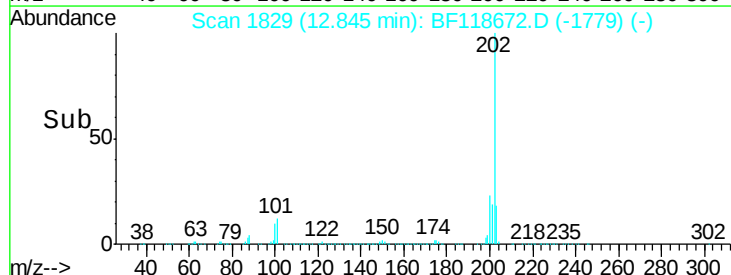
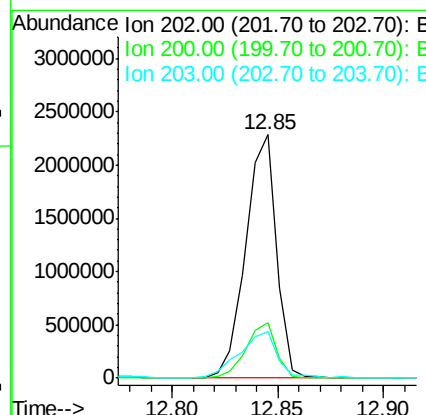
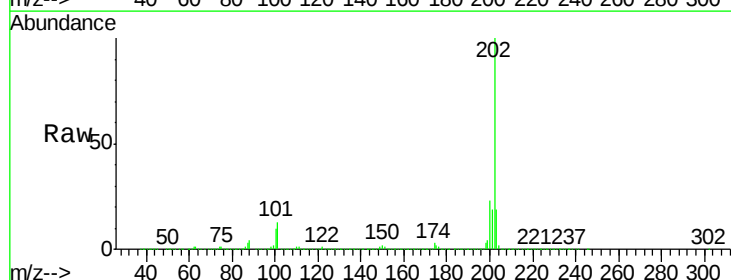
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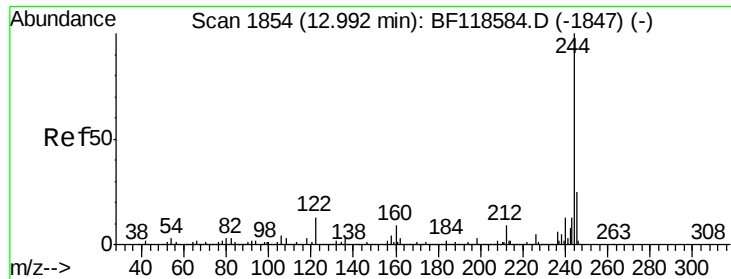
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#78
Pyrene
Concen: 40.852 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF118672.D
Acq: 22 Jan 2020 19:45

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.6	20.6	31.0
203	19.0	16.8	25.2





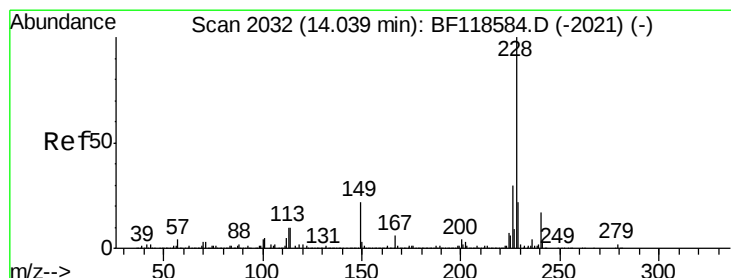
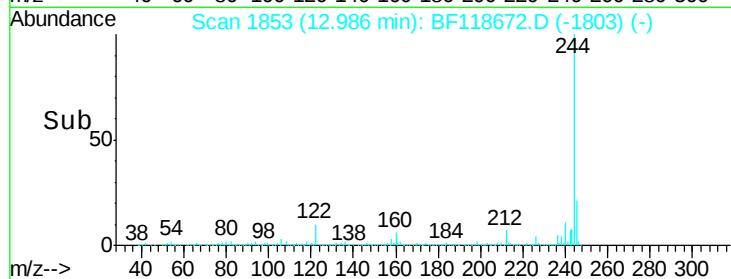
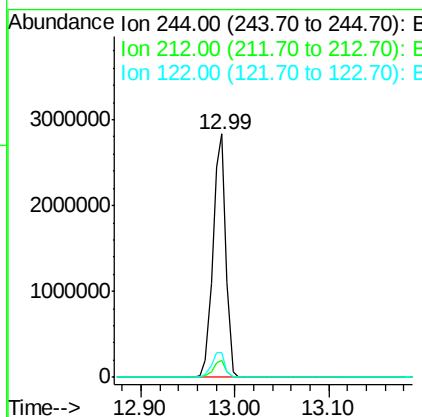
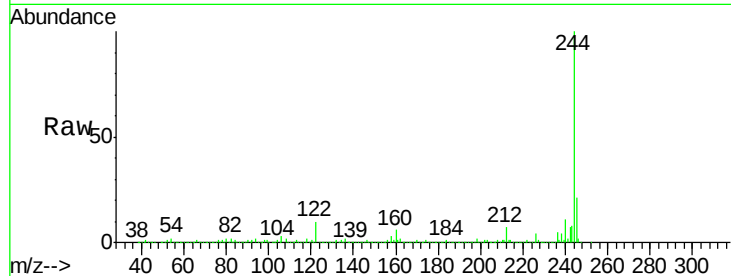
#79
 Terphenyl-d14
 Concen: 72.279 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF118672.D
 Acq: 22 Jan 2020 19:45

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200031

Tot Ion:244 Resp: 2754417
 Ion Ratio Lower Upper
 244 100
 212 6.8 7.0 10.4#
 122 10.0 10.7 16.1#

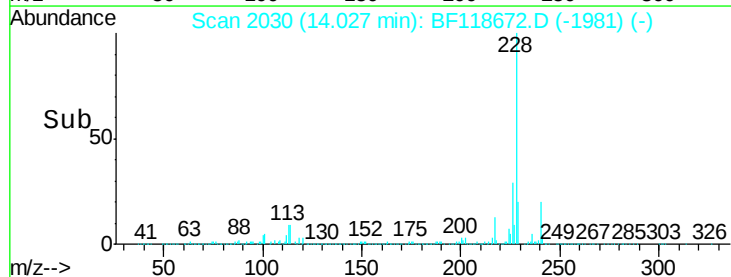
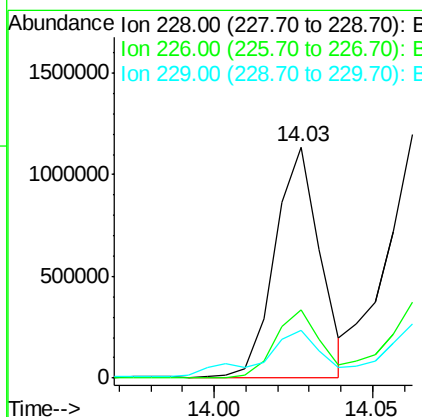
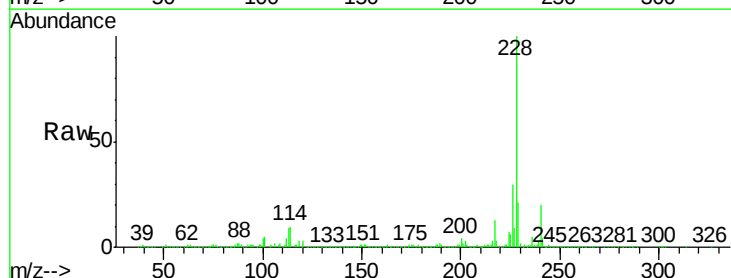
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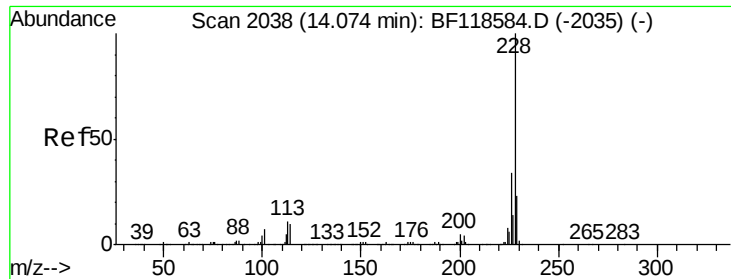
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#81
 Benzo(a)anthracene
 Concen: 22.270 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF118672.D
 Acq: 22 Jan 2020 19:45

Tgt Ion:228 Resp: 1113498
 Ion Ratio Lower Upper
 228 100
 226 29.6 24.1 36.1
 229 20.5 17.6 26.4





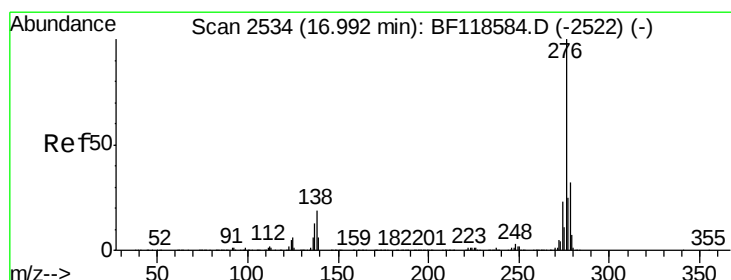
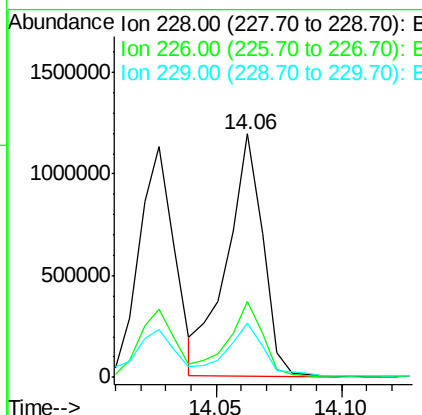
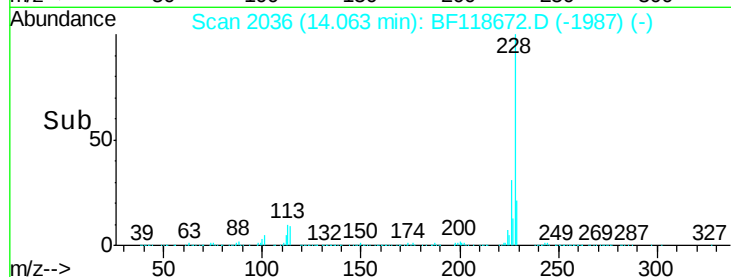
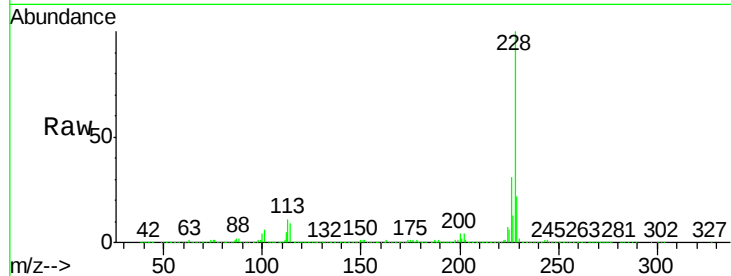
#83
Chrysene
Concen: 24.786 ng/mL
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF118672.D
Acq: 22 Jan 2020 19:45

Instrument :
BNA_F
ClientSampleId :
RBR-200031

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	27.4	41.0
229	22.2	18.3	27.5

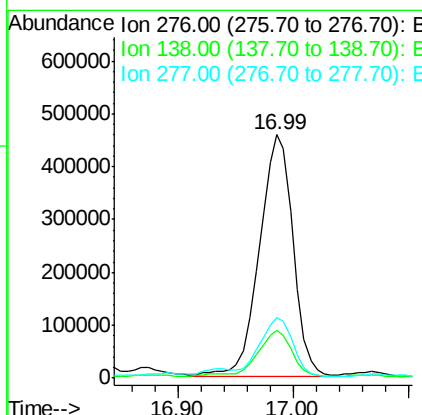
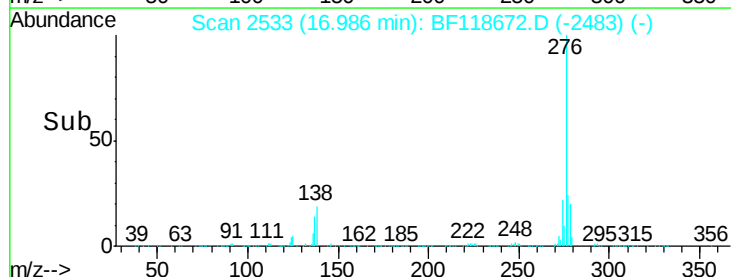
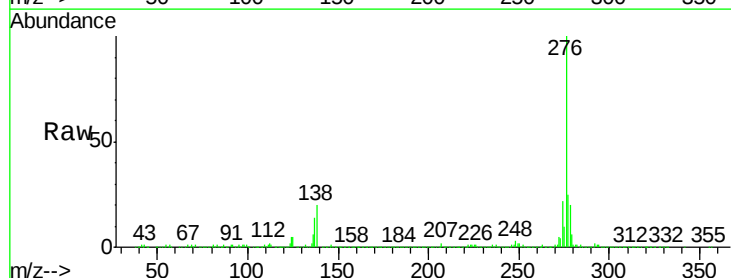
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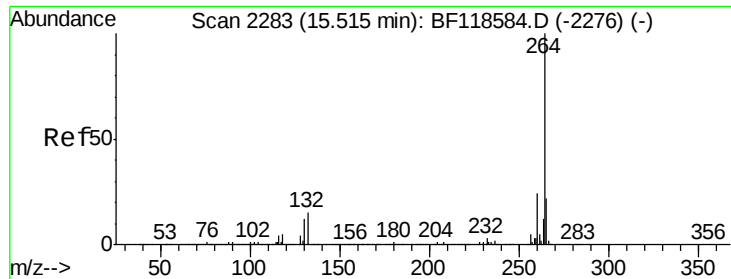
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#86
Indeno(1,2,3-cd)pyrene
Concen: 22.234 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.01 min
Lab File: BF118672.D
Acq: 22 Jan 2020 19:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.1	17.2	25.8
277	24.6	20.5	30.7





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF118672.D
Acq: 22 Jan 2020 19:45

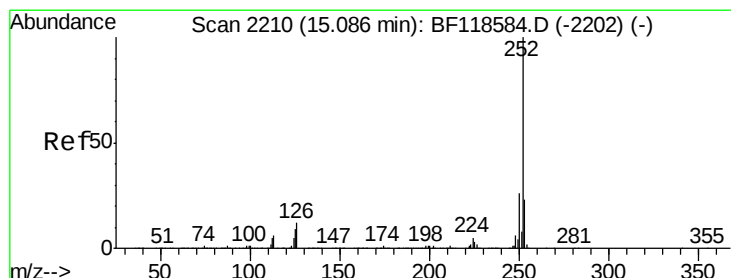
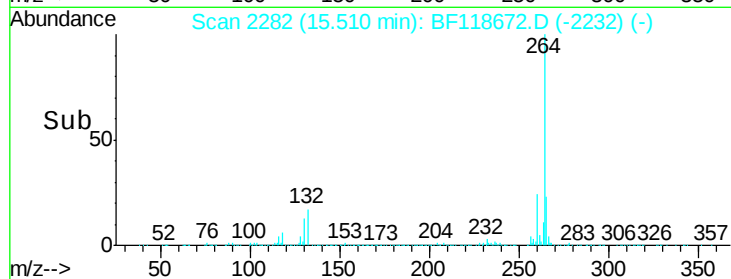
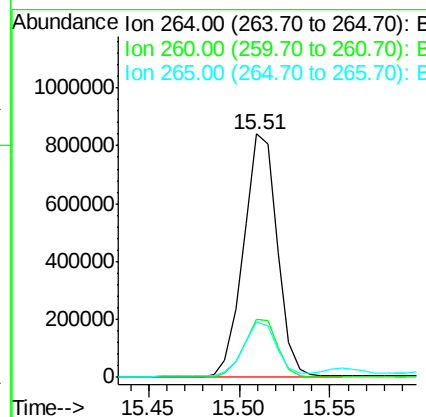
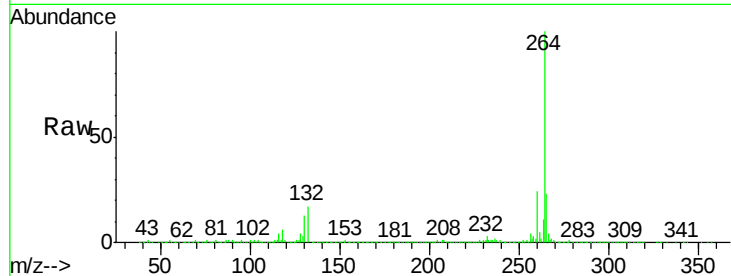
Instrument :
BNA_F
ClientSampleId :
RBR-200031

Tot Ion:264 Resp: 1083957

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	23.0	17.7	26.5

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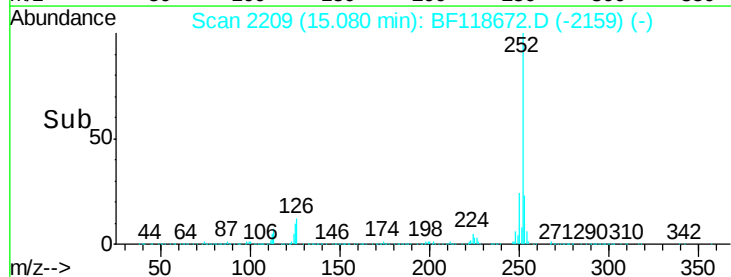
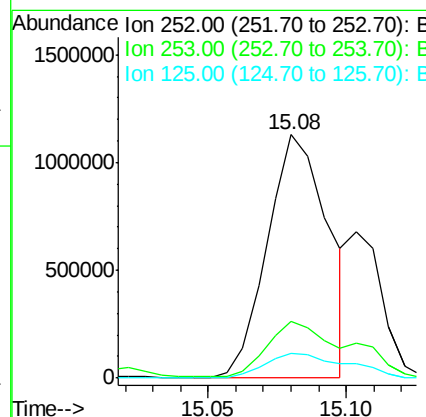
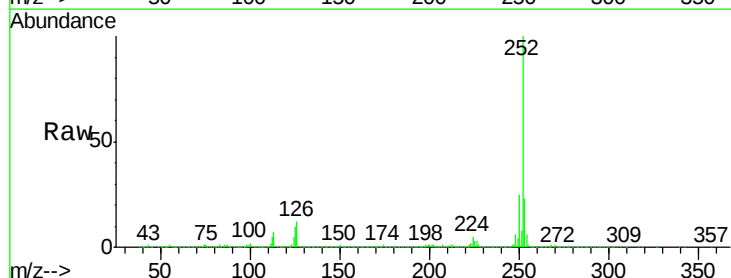
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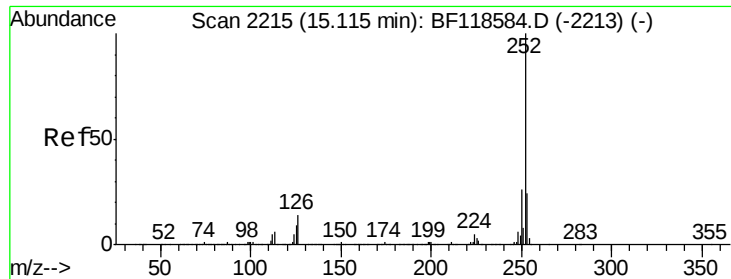


#88
Benzo(b)fluoranthene
Concen: 25.536 ng m
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF118672.D
Acq: 22 Jan 2020 19:45

Tgt Ion:252 Resp: 1739908

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.7	28.1
125	10.2	7.3	10.9





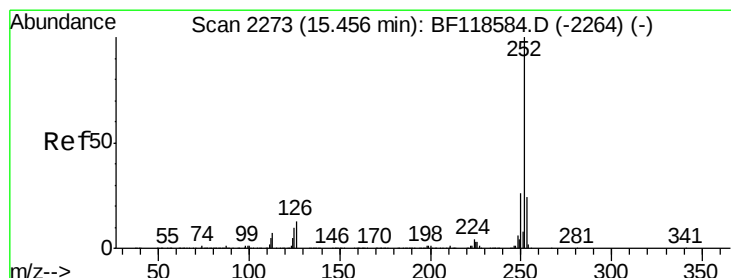
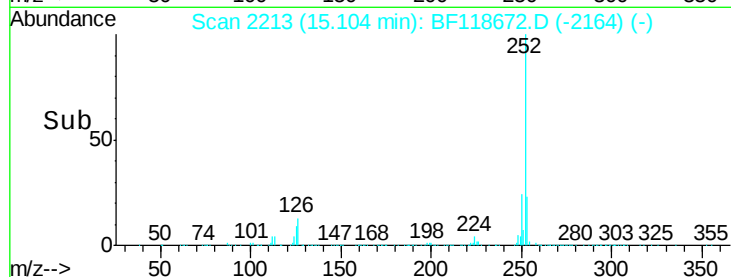
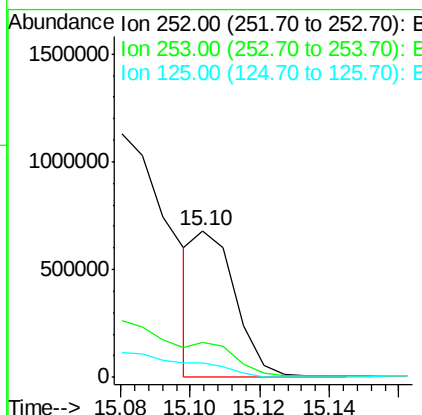
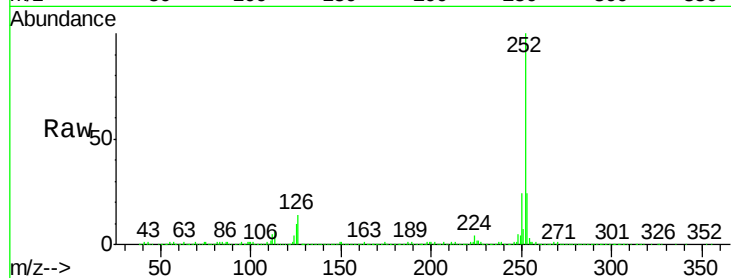
#89
Benzo(k)fluoranthene
Concen: 8.912 ng m
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF118672.D
Acq: 22 Jan 2020 19:45

Instrument :
BNA_F
ClientSampleId :
RBR-200031

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.0	28.4
125	9.8	7.6	11.4

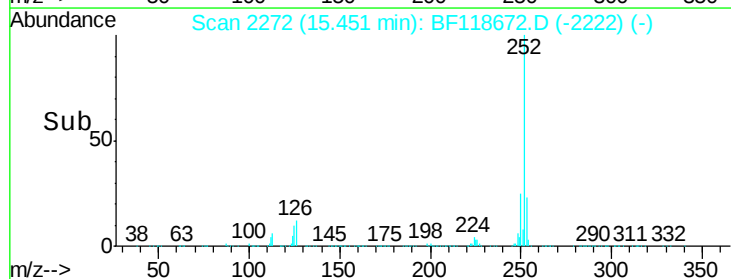
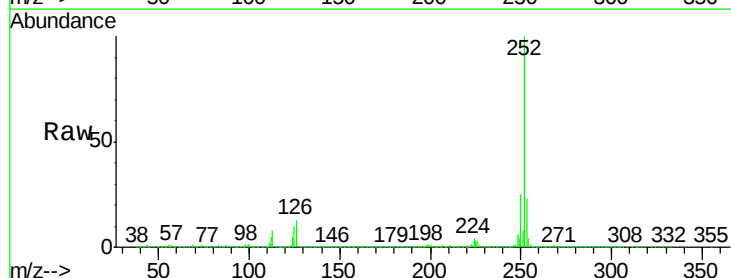
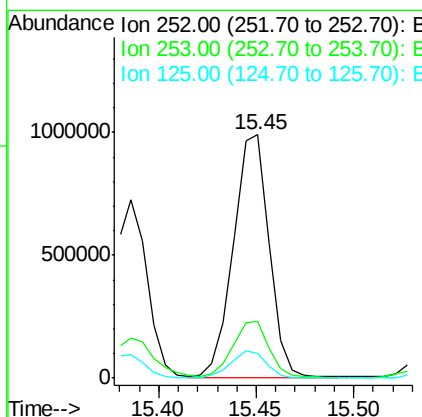
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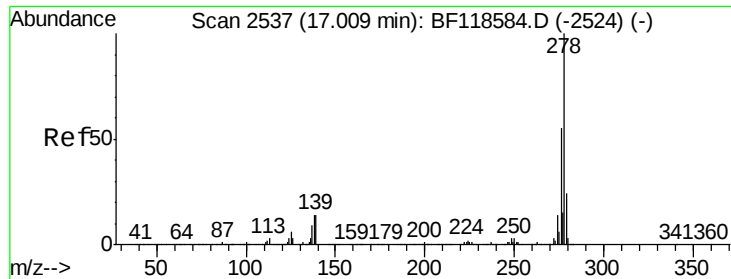
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#90
Benzo(a)pyrene
Concen: 21.349 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF118672.D
Acq: 22 Jan 2020 19:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.8	28.2
125	10.3	7.8	11.6





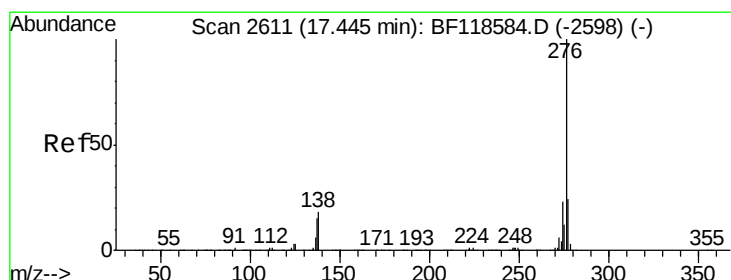
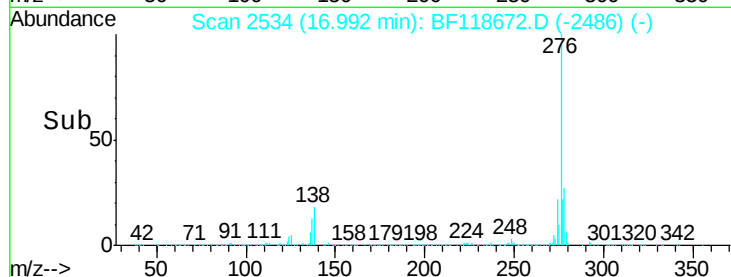
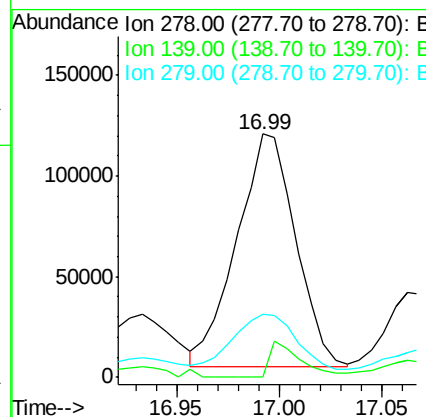
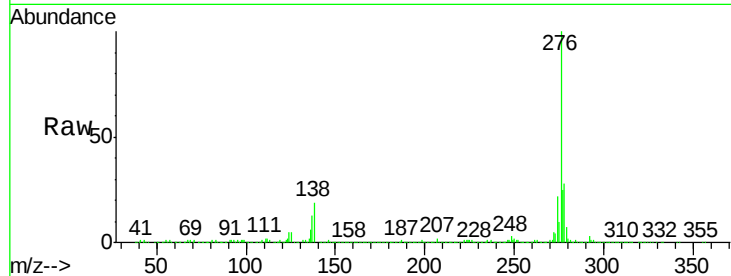
#91
Dibenzo(a,h)anthracene
Concen: 4.457 ng m
RT: 16.99 min Scan# 2534
Delta R.T. -0.02 min
Lab File: BF118672.D
Acq: 22 Jan 2020 19:45

Instrument :
BNA_F
ClientSampleId :
RBR-200031

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.4	17.0#
279	25.7	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 17.451 ng
RT: 17.43 min Scan# 2609
Delta R.T. -0.01 min
Lab File: BF118672.D
Acq: 22 Jan 2020 19:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.9	28.3
138	20.0	14.4	21.6

