

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
 Data File : BF118665.D
 Acq On : 22 Jan 2020 15:55
 Operator : CG/JU
 Sample : L1214-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K500-1

Manual Integrations
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Quant Time: Jan 22 18:13:59 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	6.87	152	367248	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1393271	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	788632	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1474231	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	1258565	20.00	ng	-0.01
87) Perylene-d12	15.50	264	1183804	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1799416	91.00	ng	0.00
7) Phenol-d6	6.50	99	2274923	88.52	ng	-0.01
23) Nitrobenzene-d5	7.43	82	1460569	58.64	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	791873	86.81	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	2722005	56.73	ng	-0.01
79) Terphenyl-d14	12.99	244	3402565	58.97	ng	0.00
Target Compounds						
10) Phenol	6.51	94	156531	5.344	ng	99
50) Dimethylphthalate	9.62	163	275503	5.362	ng	97
71) Phenanthrene	11.42	178	267856	3.766	ng	93
75) Fluoranthene	12.61	202	415782	5.543	ng	93
78) Pyrene	12.84	202	340725	3.988	ng	# 91
81) Benzo(a)anthracene	14.02	228	185825	2.454	ng	94
83) Chrysene	14.06	228	176711	2.435	ng	96
88) Benzo(b)fluoranthene	15.07	252	196954m	2.647	ng	

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

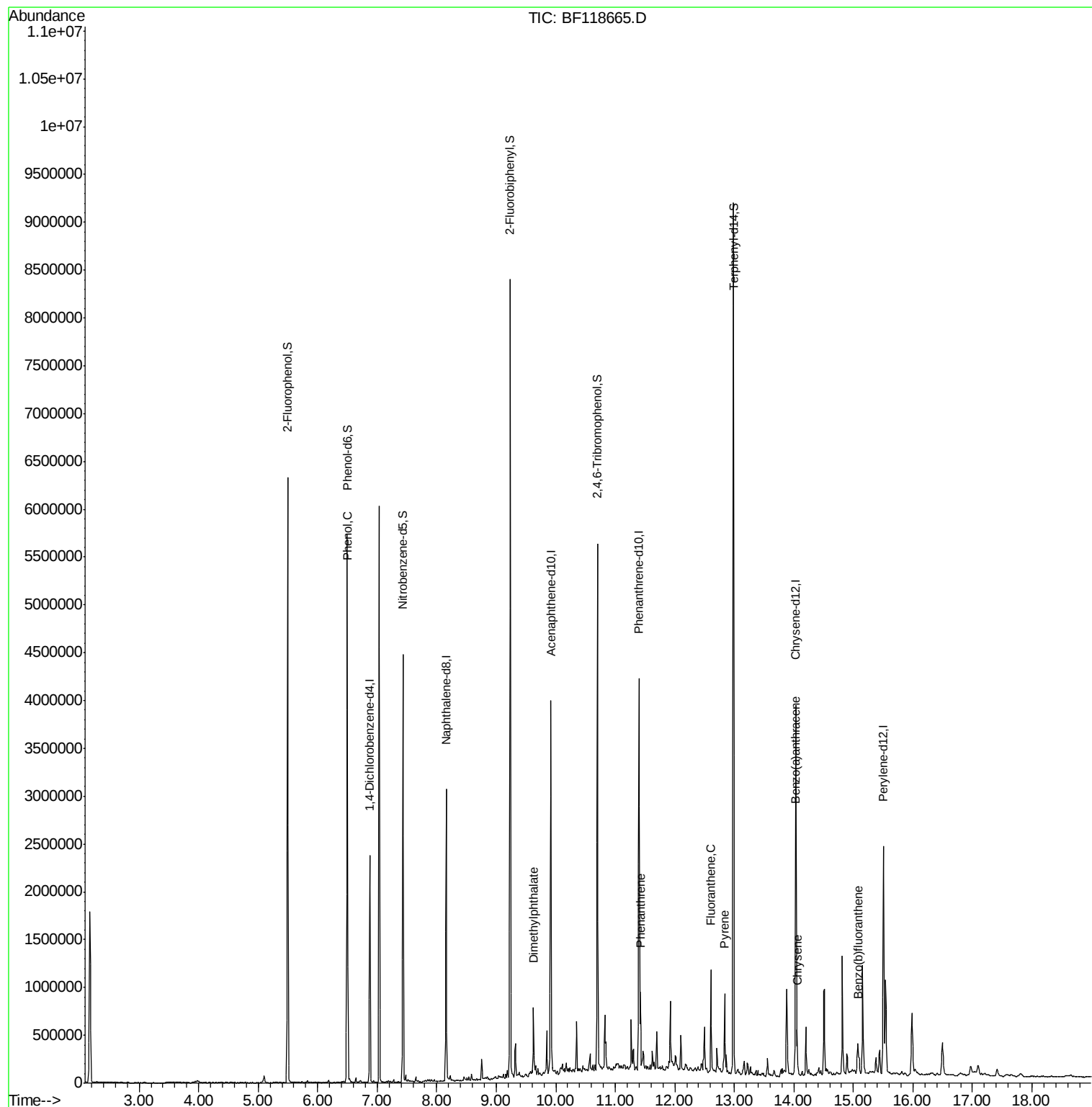
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
Data File : BF118665.D
Acq On : 22 Jan 2020 15:55
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Sample : L1214-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

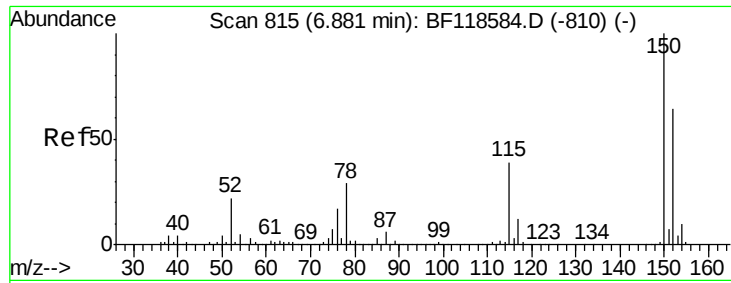
Instrument :
BNA_F
ClientSampleId :
K500-1

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Quant Time: Jan 22 18:13:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
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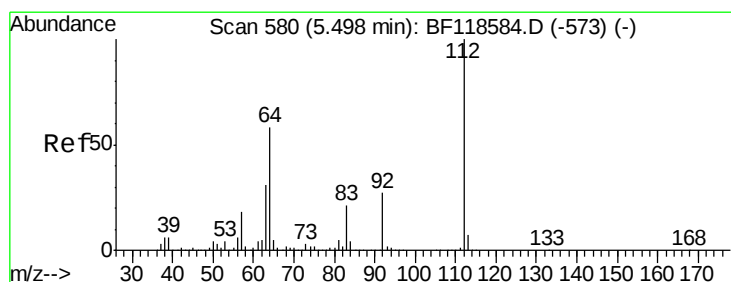
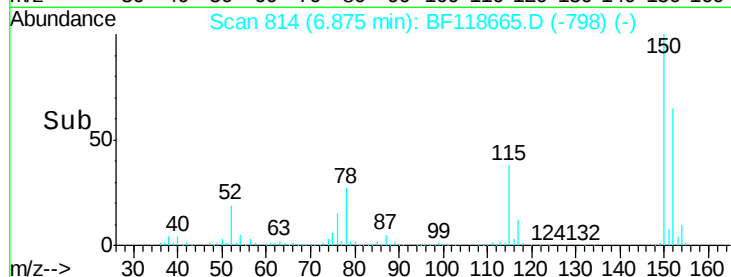
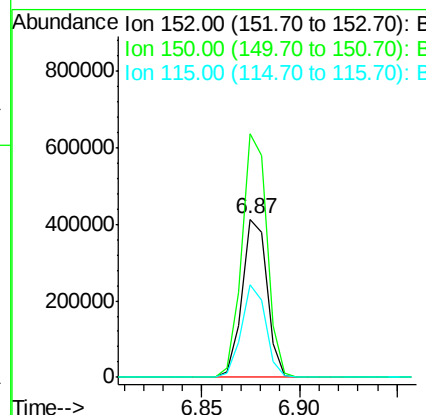
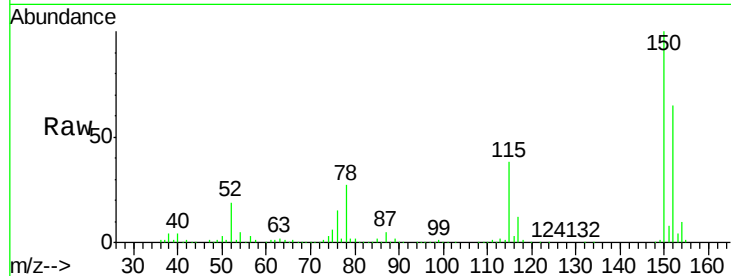
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF118665.D
 Acq: 22 Jan 2020 15:55

Instrument :
 BNA_F
 ClientSampleId :
 K500-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	125.6	188.4
115	58.2	48.4	72.6

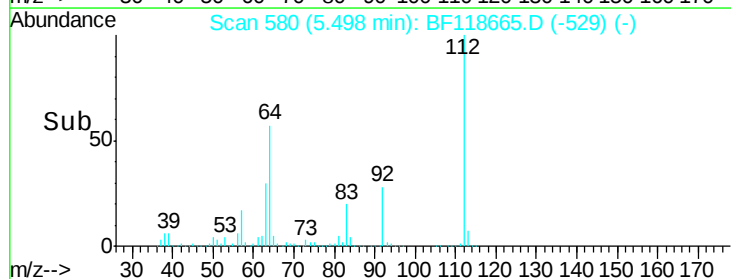
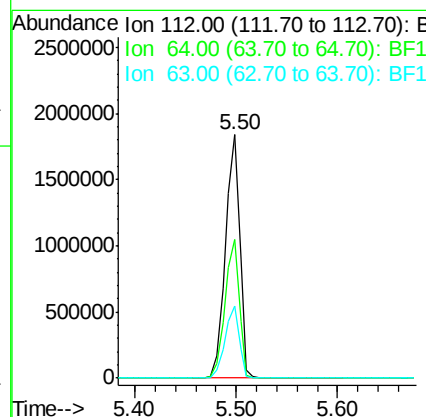
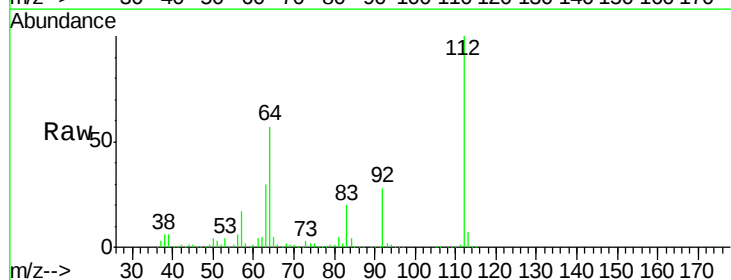
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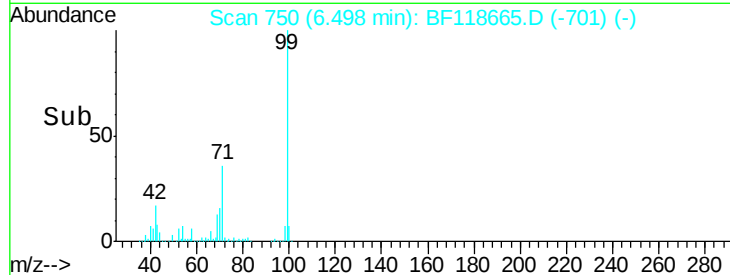
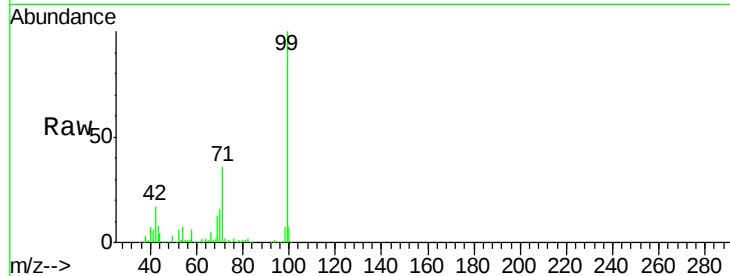
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#5
 2-Fluorophenol
 Concen: 91.000 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.00 min
 Lab File: BF118665.D
 Acq: 22 Jan 2020 15:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	46.6	70.0
63	29.8	25.1	37.7





#7

Phenol-d6

Concen: 88.516 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF118665.D

Acq: 22 Jan 2020 15:55

Tot Ion: 99 Resp: 2274923

Ion Ratio Lower Upper

99 100

42 17.4 14.2 21.2

71 35.6 27.8 41.6

Instrument :

BNA_F

ClientSampled :

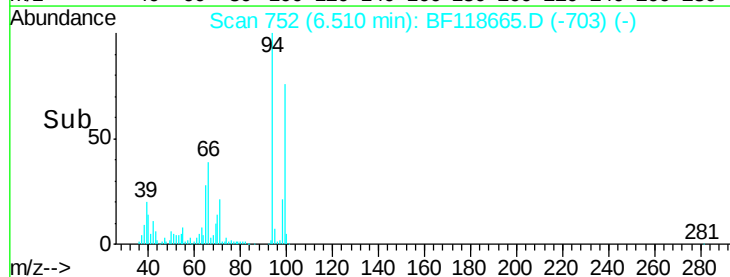
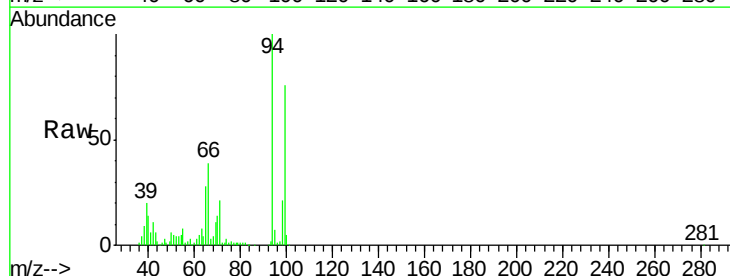
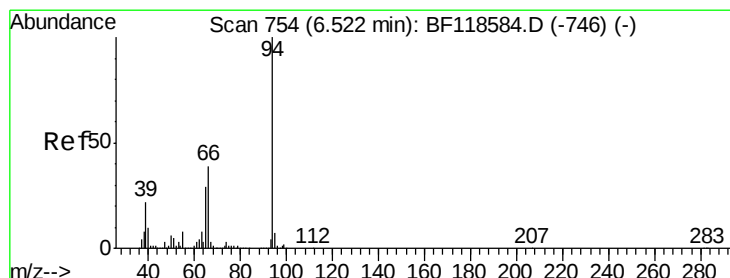
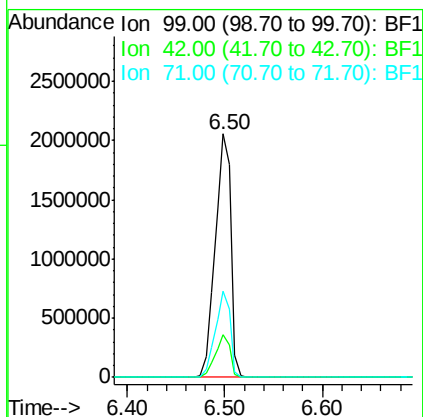
K500-1

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#10

Phenol

Concen: 5.344 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118665.D

Acq: 22 Jan 2020 15:55

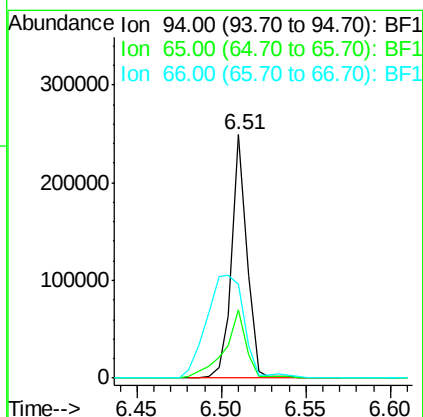
Tgt Ion: 94 Resp: 156531

Ion Ratio Lower Upper

94 100

65 27.8 9.5 49.5

66 38.6 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: BF118665.D

Acq: 22 Jan 2020 15:55

Instrument :

BNA_F

ClientSampleId :

K500-1

Tot Ion:136 Resp: 1393271

Ion Ratio Lower Upper

136 100

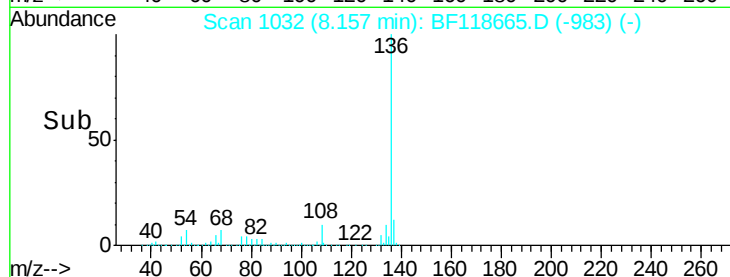
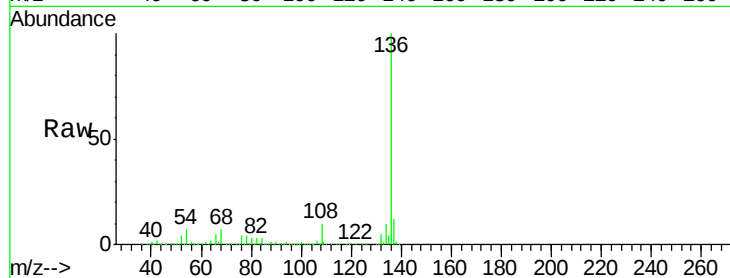
137 11.7 9.1 13.7

54 7.4 5.8 8.6

68 6.6 5.0 7.4

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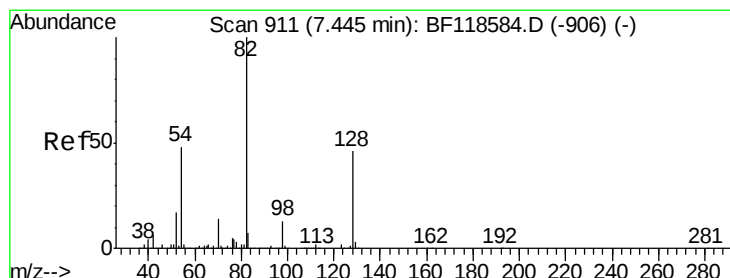
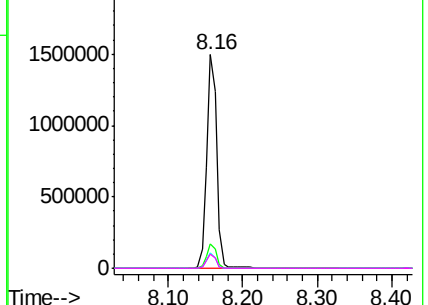


Abundance Ion 136.00 (135.70 to 136.70): E

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: 58.636 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF118665.D

Acq: 22 Jan 2020 15:55

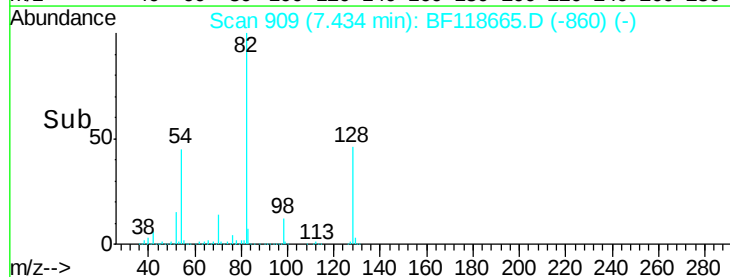
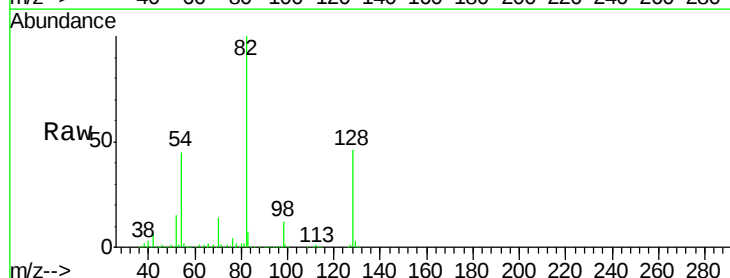
Tgt Ion: 82 Resp: 1460569

Ion Ratio Lower Upper

82 100

128 46.1 36.6 54.8

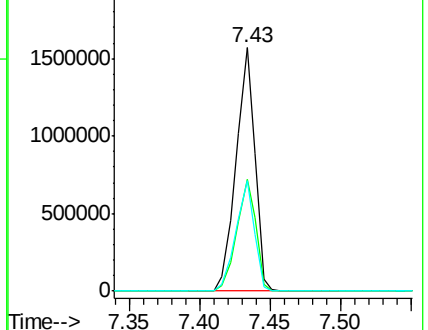
54 45.2 38.0 57.0

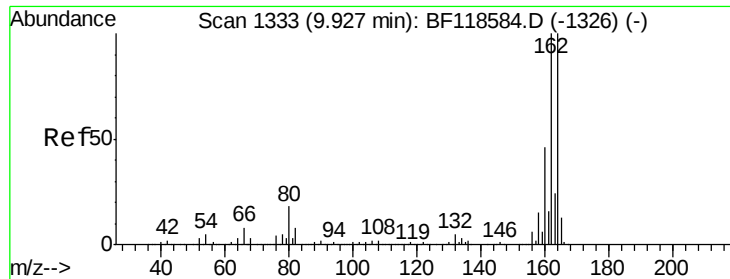


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





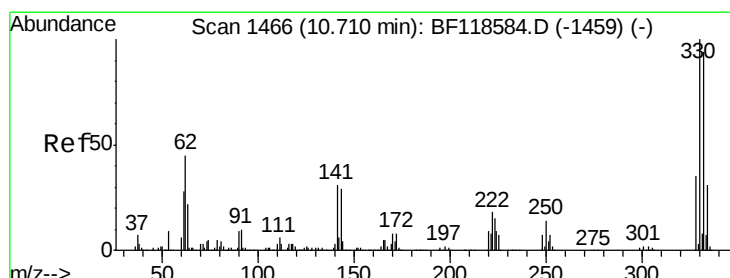
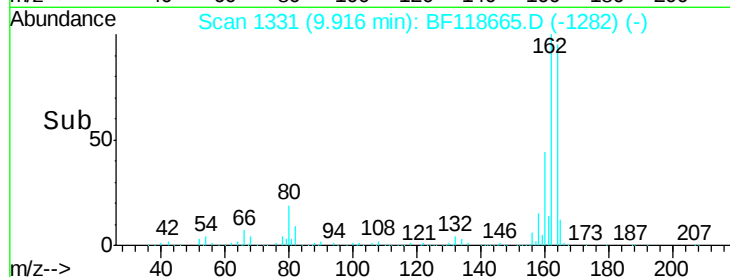
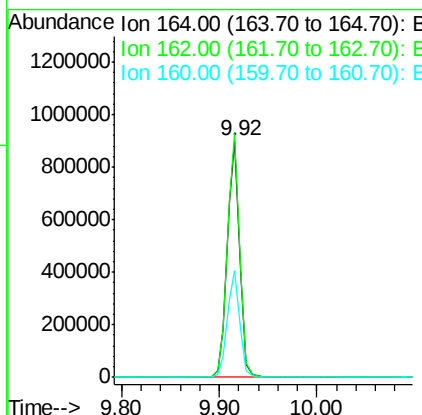
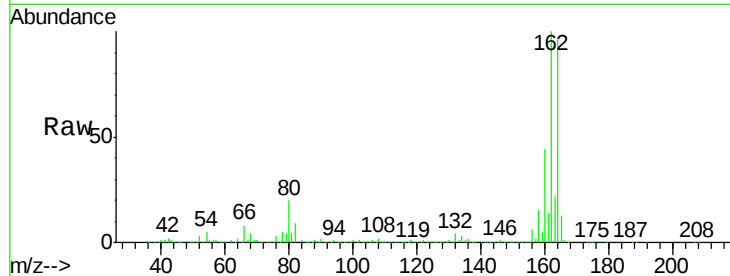
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118665.D
Acq: 22 Jan 2020 15:55

Instrument :
BNA_F
ClientSampleId :
K500-1

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.0	80.4	120.6	
160	45.0	36.6	55.0	

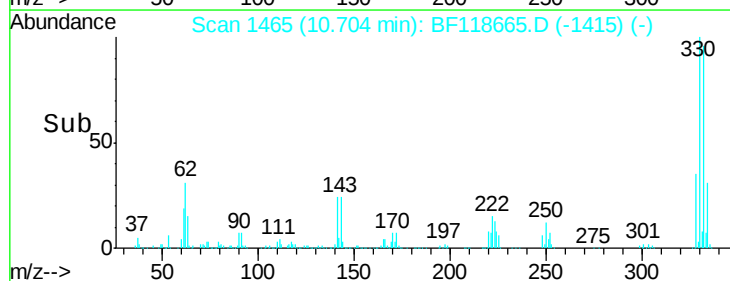
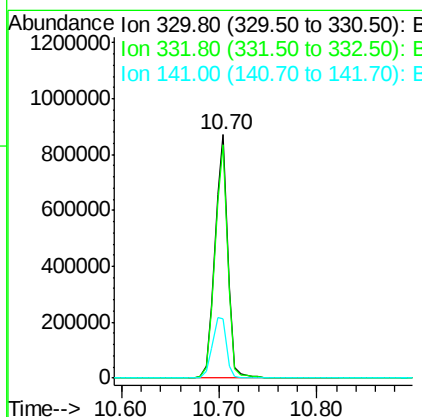
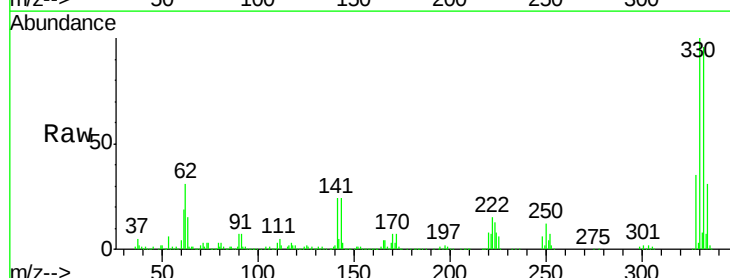
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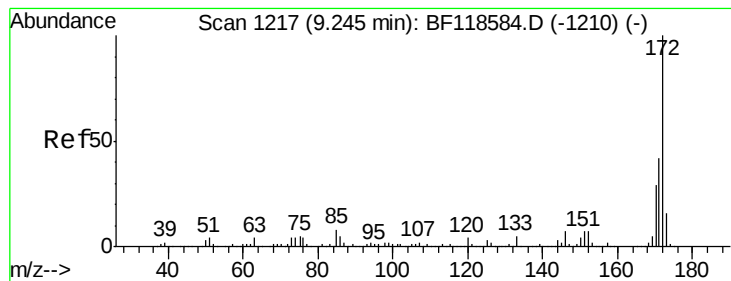
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#42
2,4,6-Tribromophenol
Concen: 86.814 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF118665.D
Acq: 22 Jan 2020 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.1	76.2	114.4	
141	27.6	23.9	35.9	





#45

2-Fluorobiphenyl

Concen: 56.730 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF118665.D

Acq: 22 Jan 2020 15:55

Instrument :

BNA_F

ClientSampleId :

K500-1

Tot Ion:172 Resp: 2722005

Ion Ratio Lower Upper

172 100

171 37.7 33.4 50.2

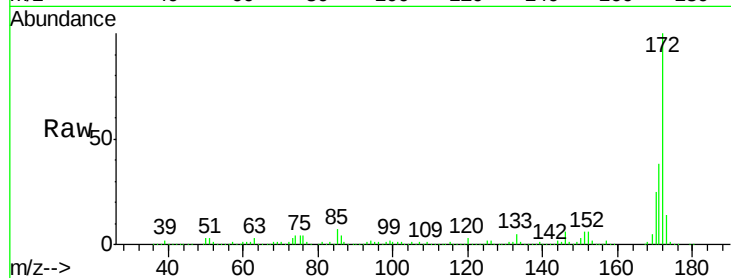
170 25.2 23.2 34.8

Manual Integrations

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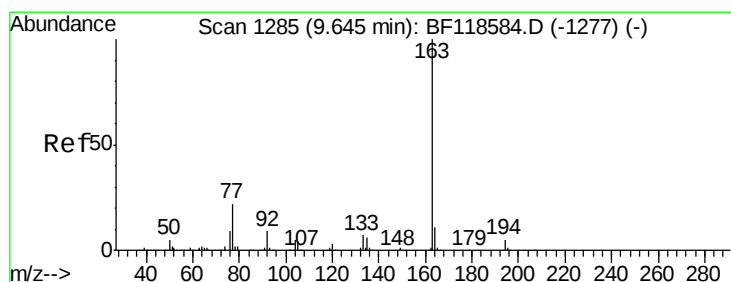
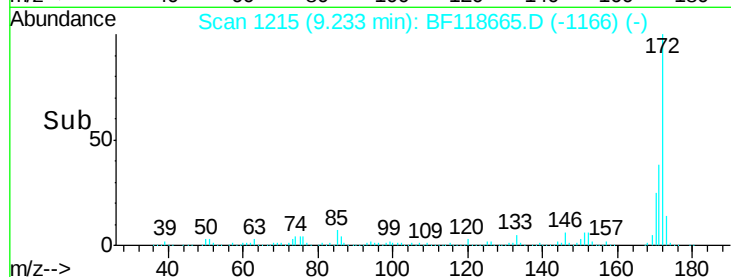
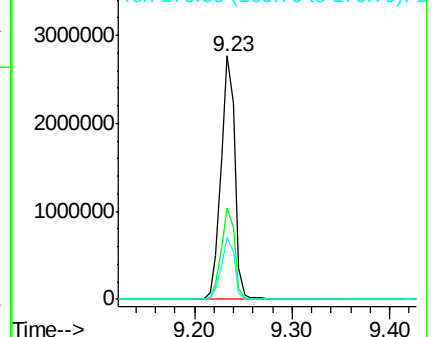
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50

Dimethylphthalate

Concen: 5.362 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF118665.D

Acq: 22 Jan 2020 15:55

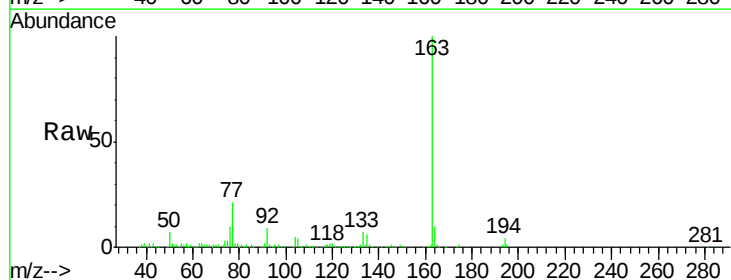
Tgt Ion:163 Resp: 275503

Ion Ratio Lower Upper

163 100

194 4.2 3.9 5.9

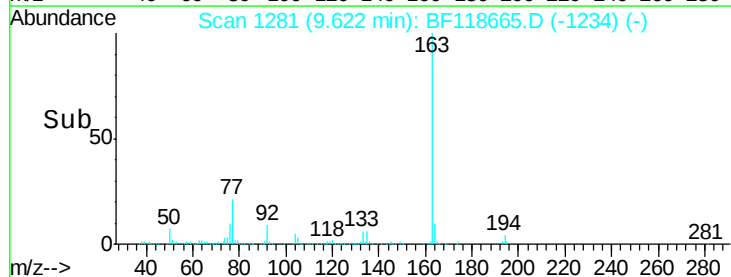
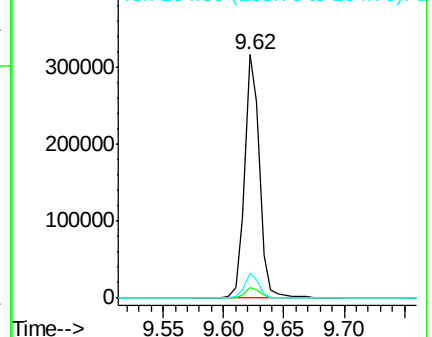
164 10.1 9.1 13.7

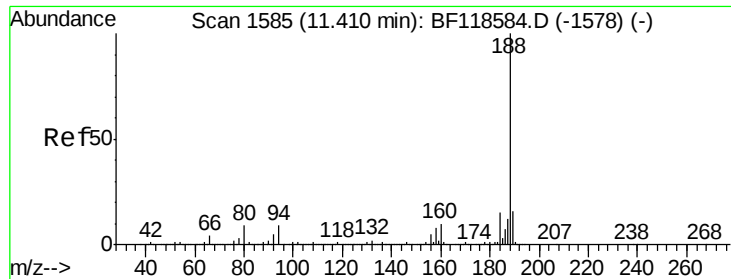


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





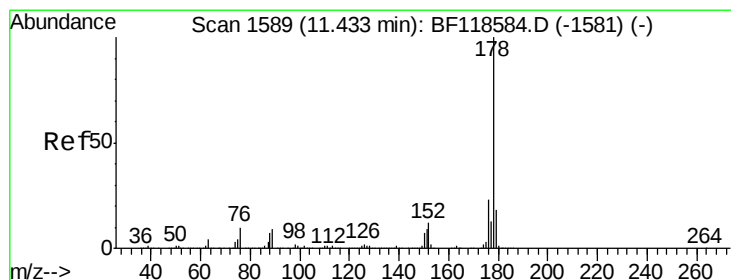
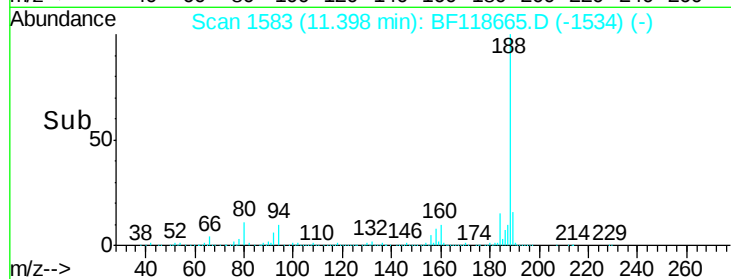
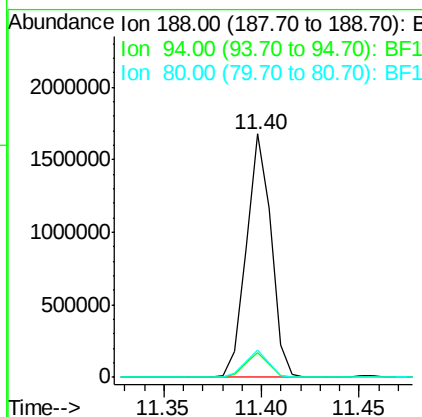
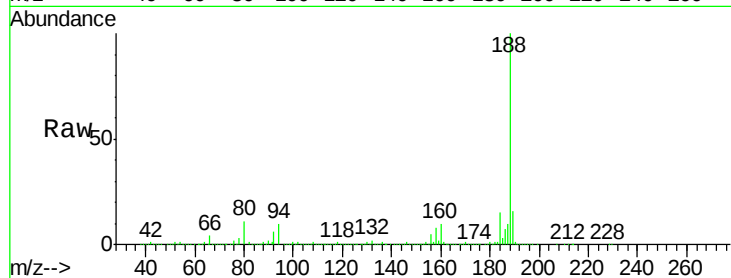
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118665.D
Acq: 22 Jan 2020 15:55

Instrument :
BNA_F
ClientSampleId :
K500-1

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.1	10.7
80	11.0	7.5	11.3

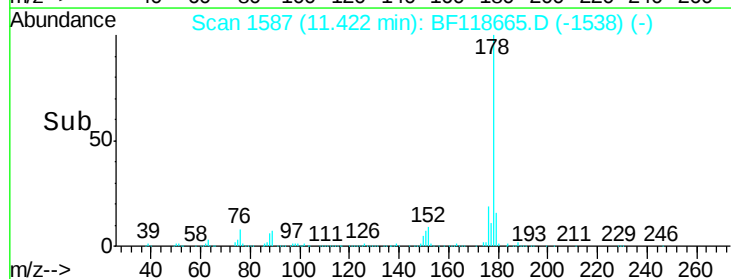
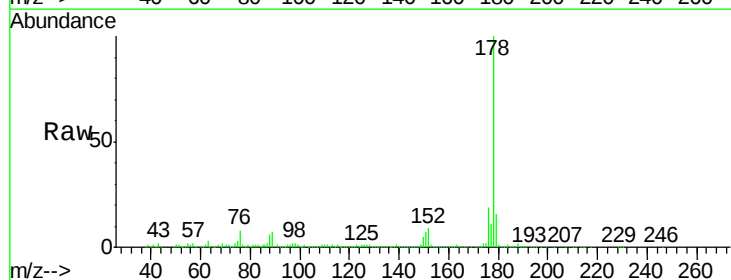
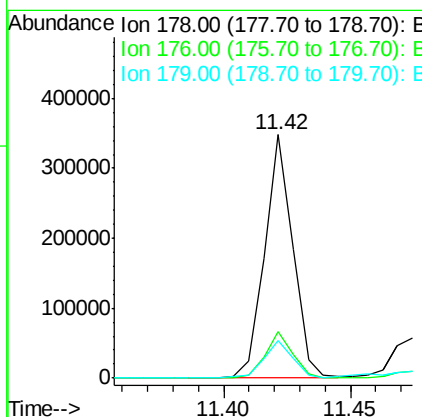
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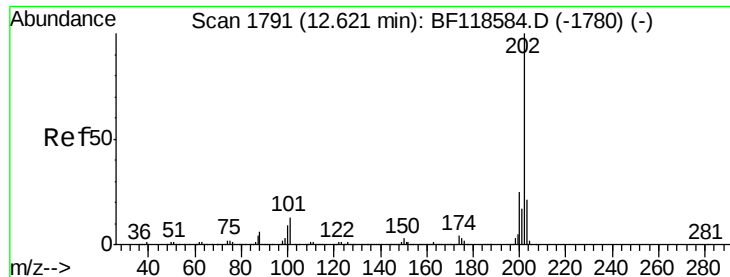
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#71
Phenanthrene
Concen: 3.766 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF118665.D
Acq: 22 Jan 2020 15:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	18.6	27.8
179	15.7	14.7	22.1





#75

Fluoranthene

Concen: 5.543 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BF118665.D

Acq: 22 Jan 2020 15:55

Instrument :

BNA_F

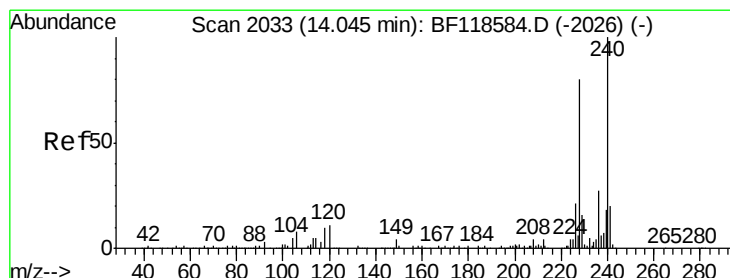
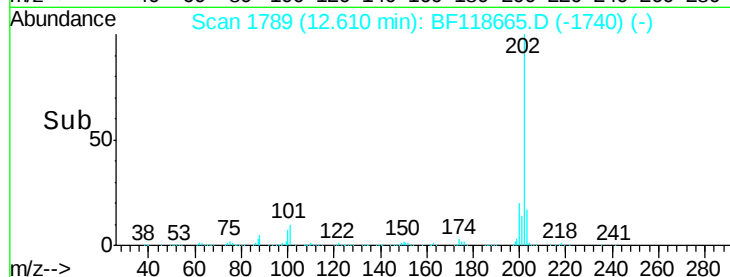
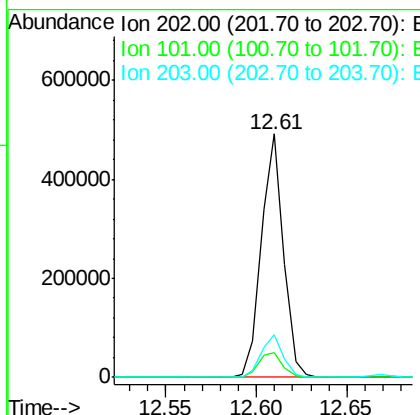
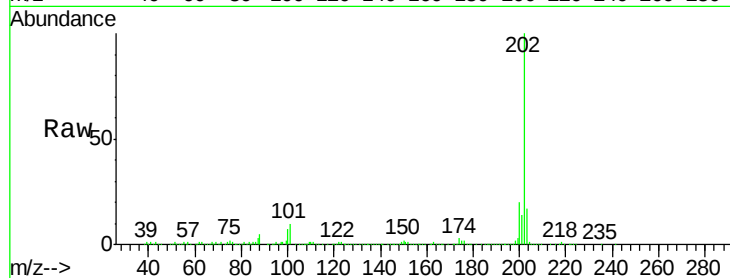
ClientSampleId :

K500-1

Tot Ion:	202	Resp:	415782
Ion Ratio		Lower	Upper
202	100		
101	10.1	0.0	32.5
203	17.3	0.8	40.8

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#76

Chrysene-d12

Concen: 20.000 ng

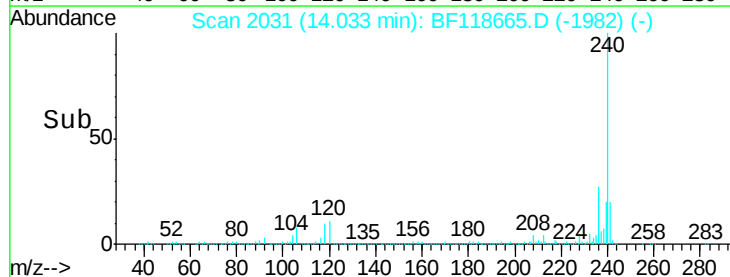
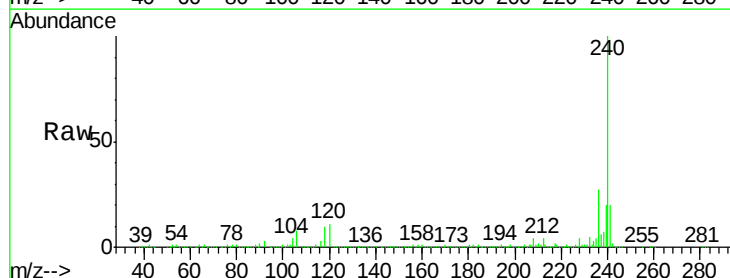
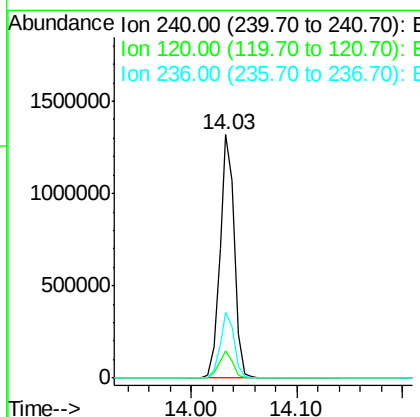
RT: 14.03 min Scan# 2031

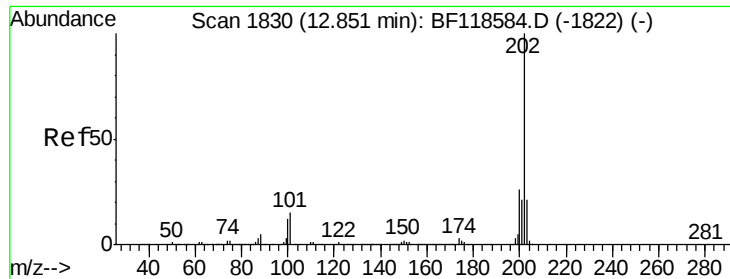
Delta R.T. -0.01 min

Lab File: BF118665.D

Acq: 22 Jan 2020 15:55

Tgt Ion:	240	Resp:	1258565
Ion Ratio		Lower	Upper
240	100		
120	11.4	8.9	13.3
236	27.0	21.5	32.3





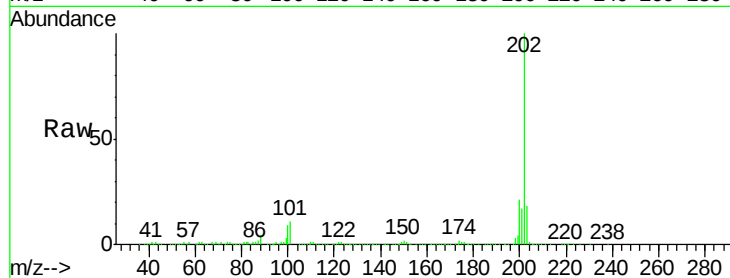
#78
Pvrene
Concen: 3.988 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF118665.D
Acq: 22 Jan 2020 15:55

Instrument :
BNA_F
ClientSampleId :
K500-1

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.6	20.6	31.0#
203	17.7	16.8	25.2

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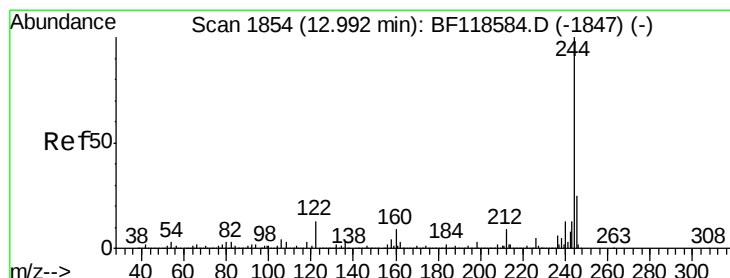
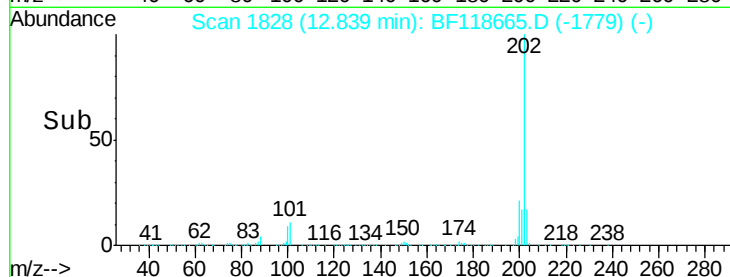
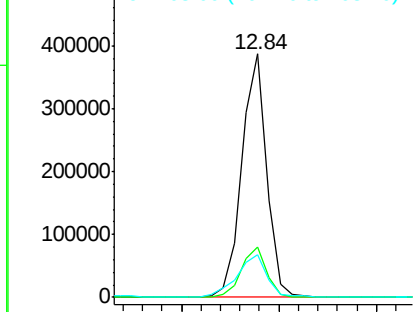


Abundance

Ion 202.00 (201.70 to 202.70): E

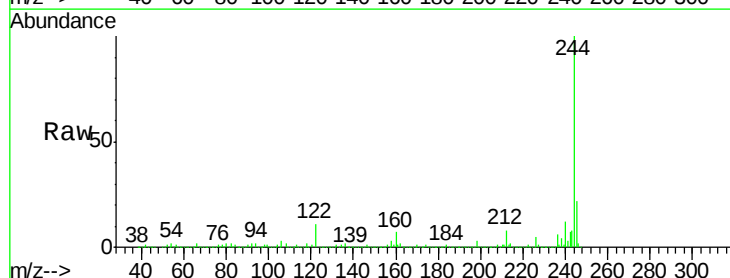
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 58.966 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF118665.D
Acq: 22 Jan 2020 15:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	7.0	10.4
122	10.5	10.7	16.1#

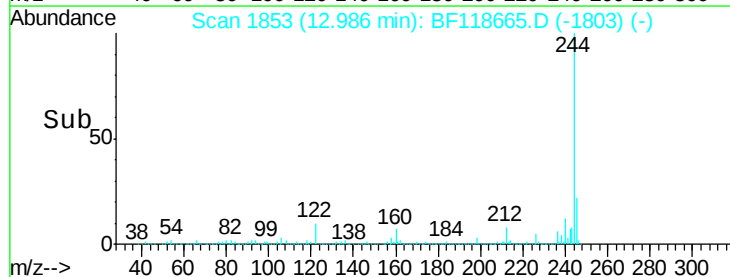
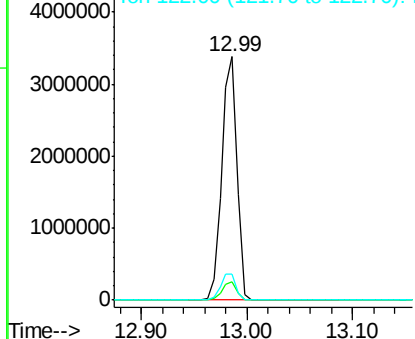


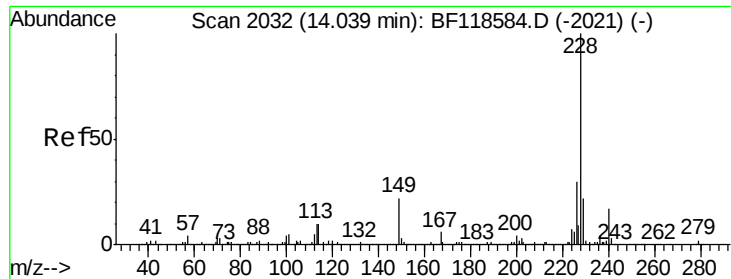
Abundance

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





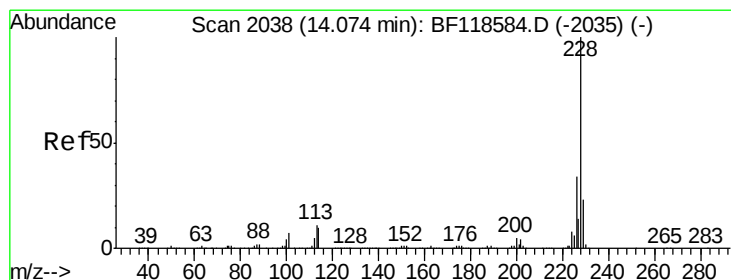
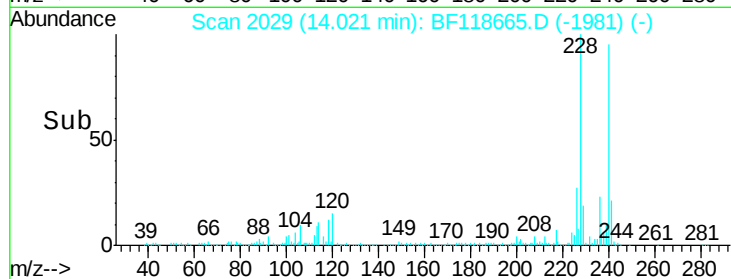
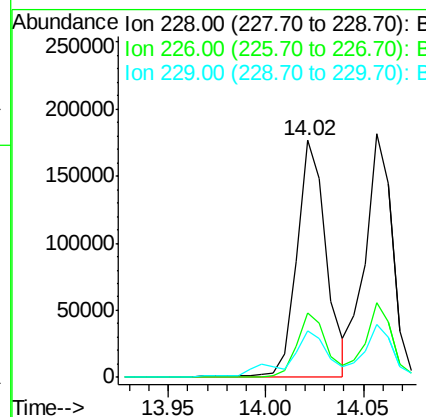
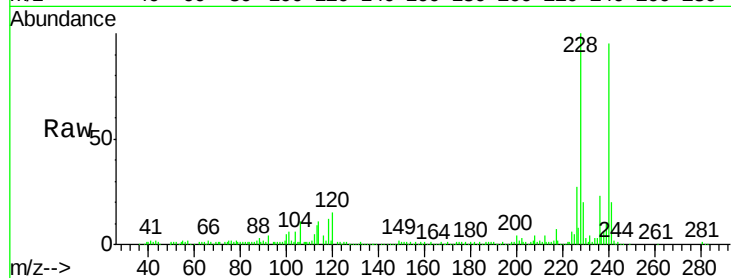
#81
Benzo(a)anthracene
Concen: 2.454 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.02 min
Lab File: BF118665.D
Acq: 22 Jan 2020 15:55

Instrument :
BNA_F
ClientSampled :
K500-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.9	24.1	36.1
229	19.5	17.6	26.4

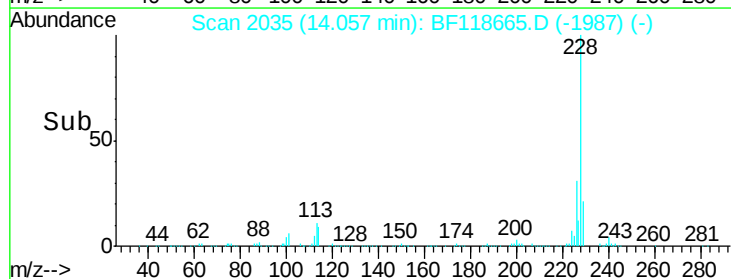
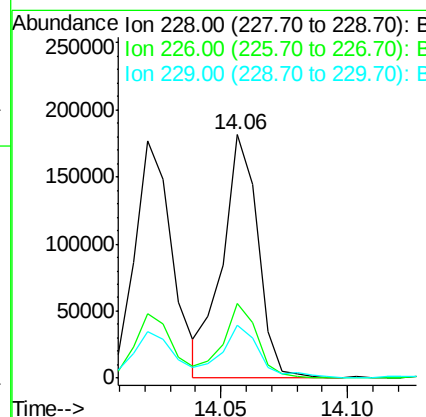
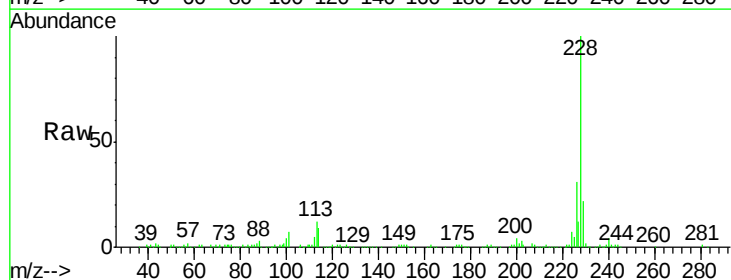
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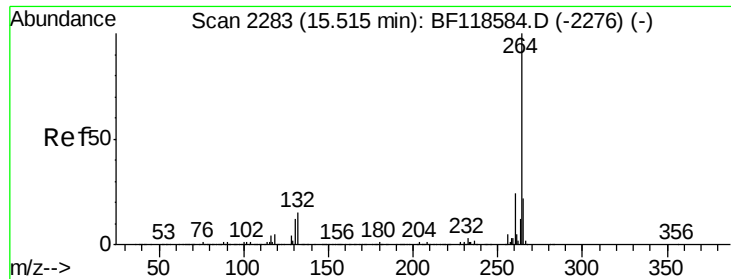
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#83
Chrysene
Concen: 2.435 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BF118665.D
Acq: 22 Jan 2020 15:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	27.4	41.0
229	21.9	18.3	27.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BF118665.D

Acq: 22 Jan 2020 15:55

Instrument :

BNA_F

ClientSampleId :

K500-1

Tot Ion:264 Resp: 1183804

Ion Ratio Lower Upper

264 100

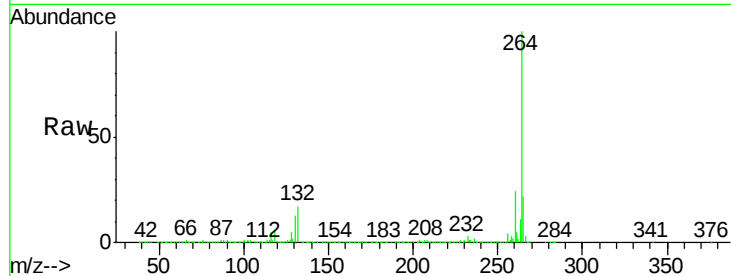
260 23.9 19.6 29.4

265 22.0 17.7 26.5

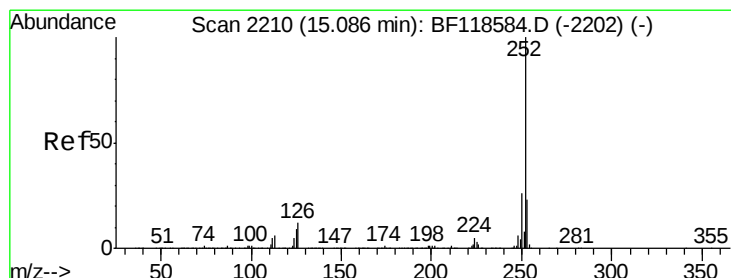
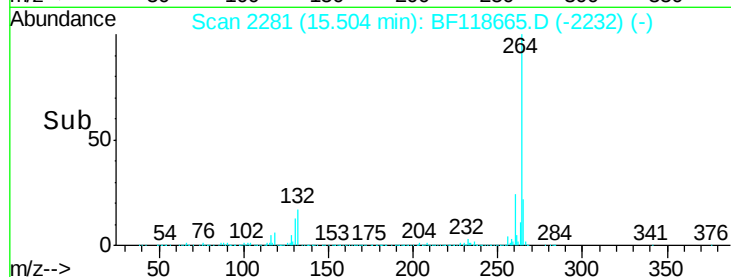
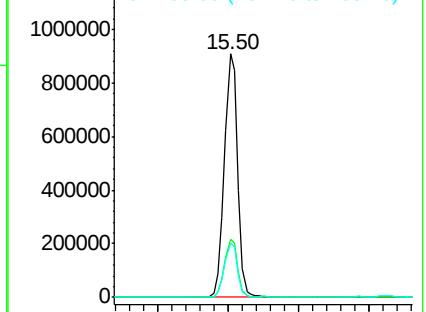
Manual Integrations
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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 2.647 ng m

RT: 15.07 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BF118665.D

Acq: 22 Jan 2020 15:55

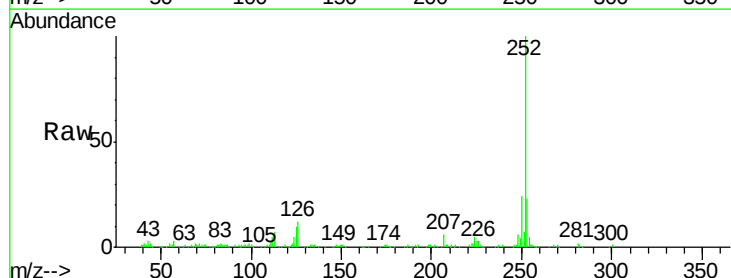
Tgt Ion:252 Resp: 196954

Ion Ratio Lower Upper

252 100

253 22.7 18.7 28.1

125 10.2 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

