

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010220\
 Data File : BF118448.D
 Acq On : 2 Jan 2020 21:11
 Operator : JU
 Sample : K6465-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-4-(1-3)

Manual Integrations
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Quant Time: Jan 03 03:45:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	96883	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	360661	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	204375	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	331654	20.00	ng	0.00
76) Chrysene-d12	14.04	240	214485	20.00	ng	0.00
87) Perylene-d12	15.53	264	205885	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	531241	93.60	ng	0.00
7) Phenol-d6	6.49	99	698007	99.14	ng	0.00
23) Nitrobenzene-d5	7.41	82	430467	68.27	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	199423	79.01	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	717789	53.61	ng	-0.01
79) Terphenyl-d14	12.97	244	674812	52.20	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.61	163	63218	4.121	ng	98
71) Phenanthrene	11.41	178	95666	5.291	ng	98
75) Fluoranthene	12.61	202	100632	5.515	ng	100
78) Pyrene	12.84	202	92772	5.297	ng	99
81) Benzo(a)anthracene	14.03	228	43946	2.927	ng	98
83) Chrysene	14.07	228	41592m	2.893	ng	
88) Benzo(b)fluoranthene	15.10	252	50108m	3.666	ng	
90) Benzo(a)pyrene	15.47	252	31184	2.590	ng	97
92) Benzo(g,h,i)perylene	17.50	276	20572	2.038	ng	# 91

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

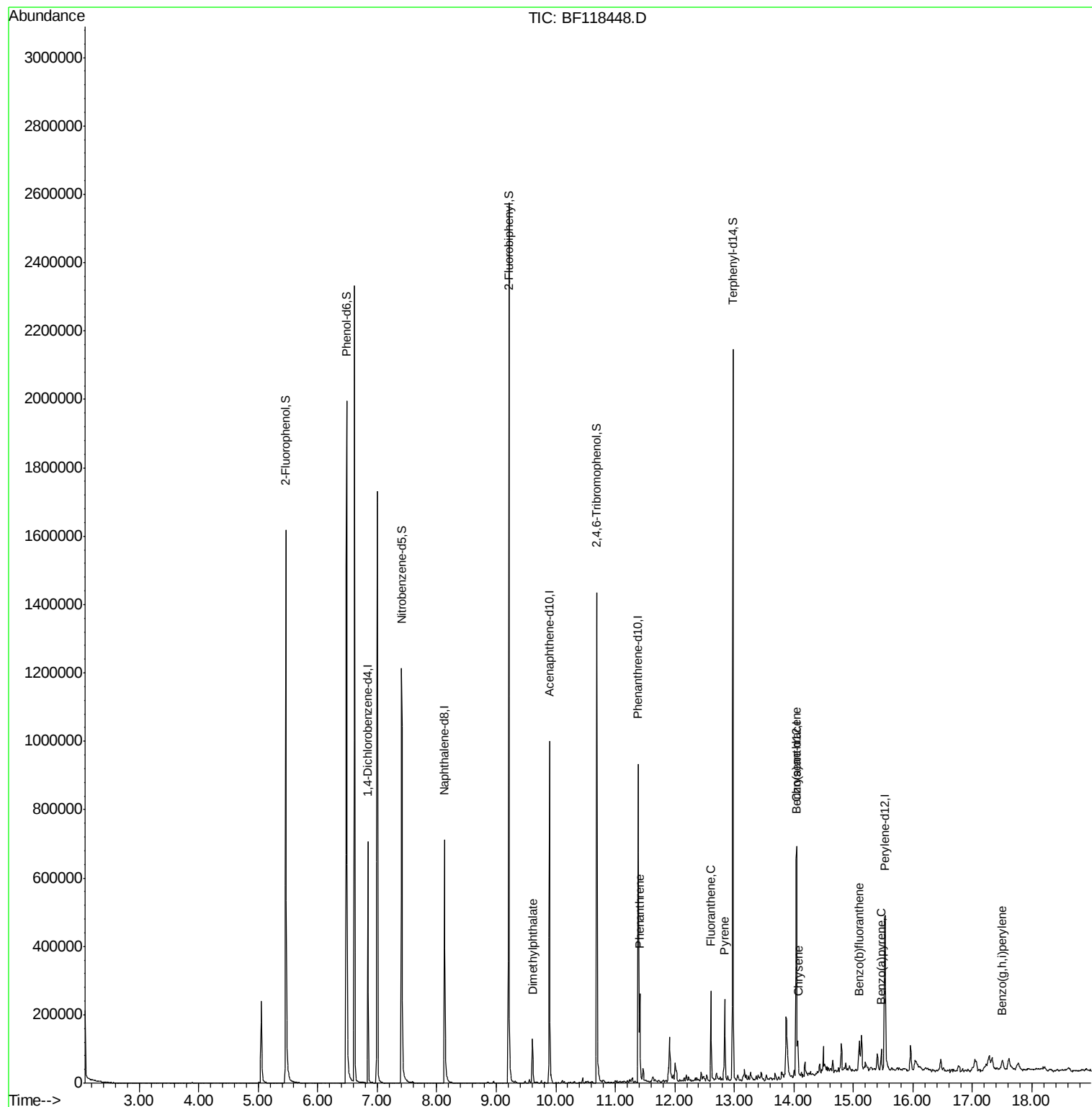
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010220\
Data File : BF118448.D
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Misc :
ALS Vial : 19 Sample Multiplier: 1

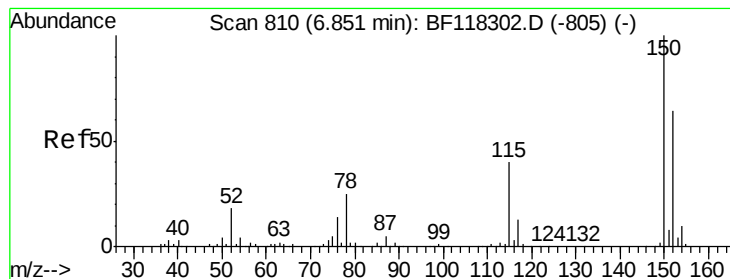
Instrument :
BNA_F
ClientSampleId :
GP-4-(1-3)

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Quant Time: Jan 03 03:45:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
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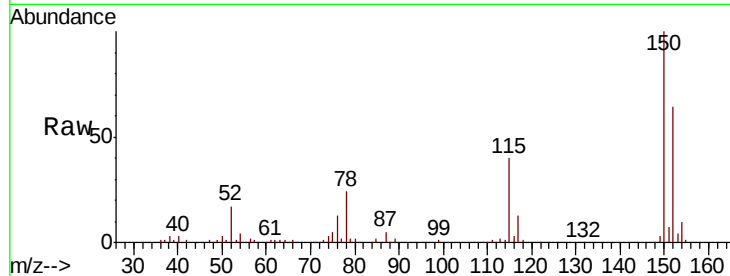
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF118448.D
 Acq: 2 Jan 2020 21:11

Instrument :
 BNA_F
 ClientSampled :
 GP-4-(1-3)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	125.4	188.2
115	62.2	50.2	75.4

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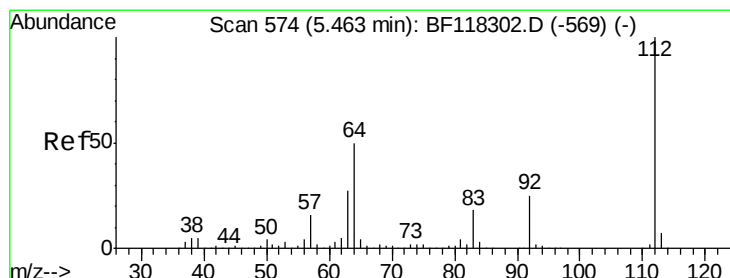
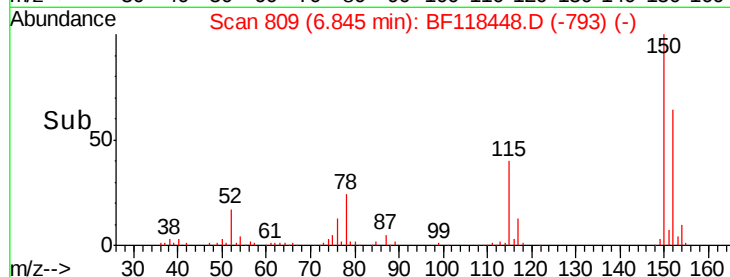
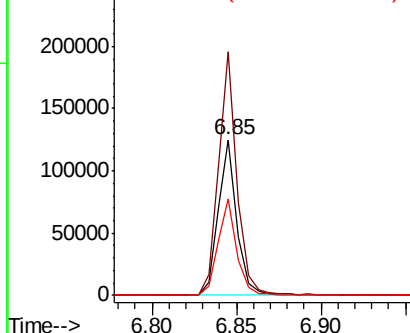


Abundance

Ion 152.00 (151.70 to 152.70): E

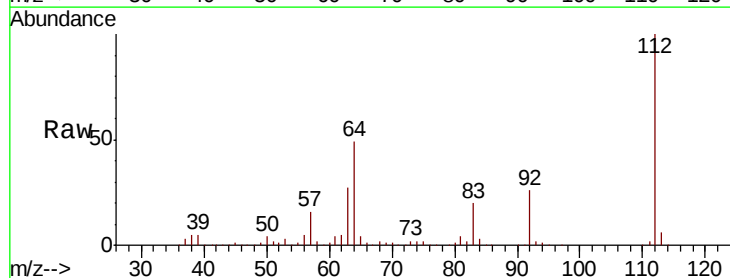
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 93.600 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.01 min
 Lab File: BF118448.D
 Acq: 2 Jan 2020 21:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.2	39.7	59.5
63	27.4	21.7	32.5

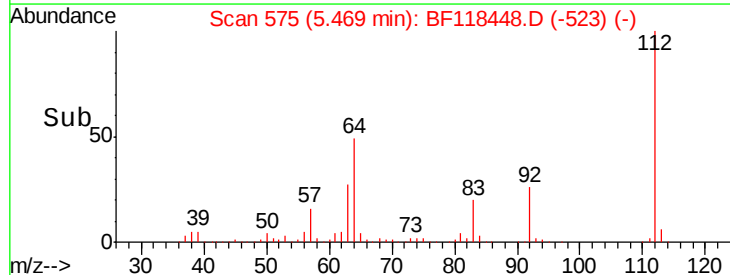
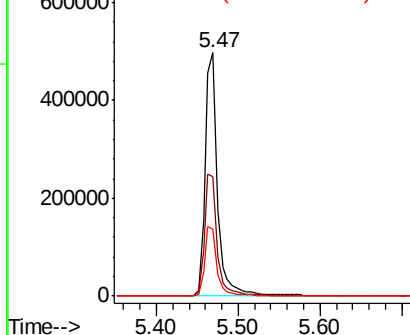


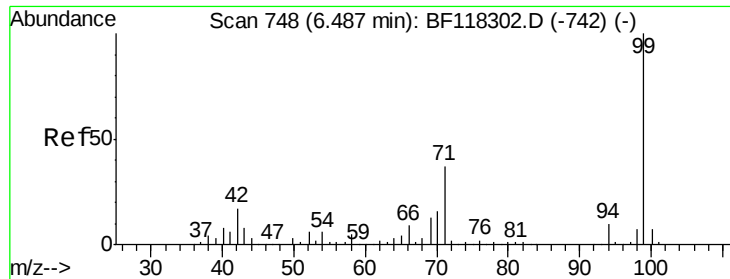
Abundance

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: 99.137 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF118448.D

Acq: 2 Jan 2020 21:11

Instrument :

BNA_F

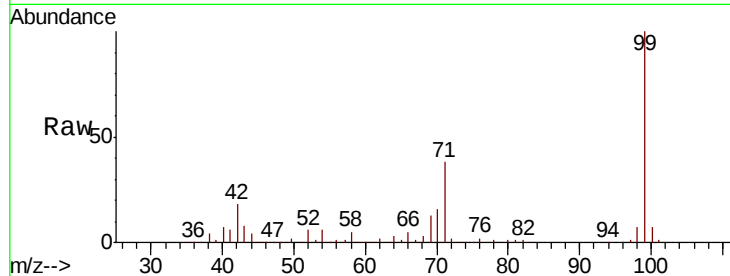
ClientSampled :

GP-4-(1-3)

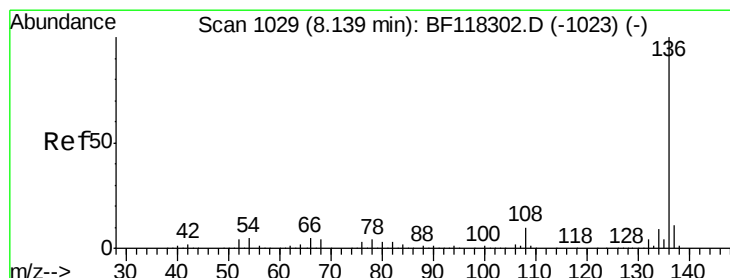
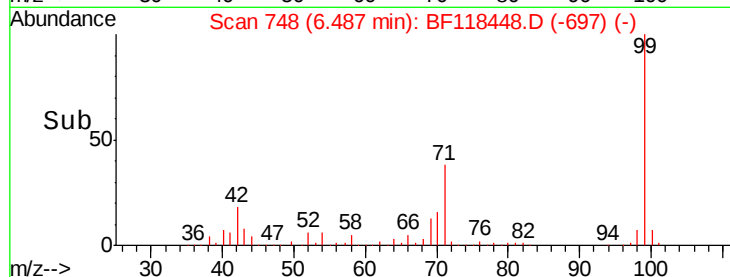
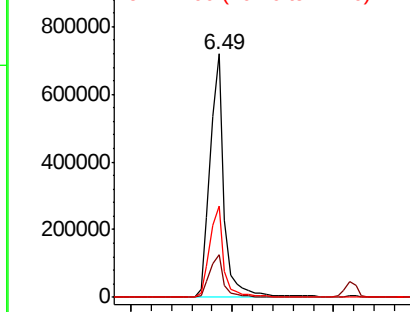
Tot Ion:	99	Resp:	698007
Ion Ratio	Lower	Upper	
99	100		
42	17.8	13.5	20.3
71	37.7	29.4	44.2

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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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

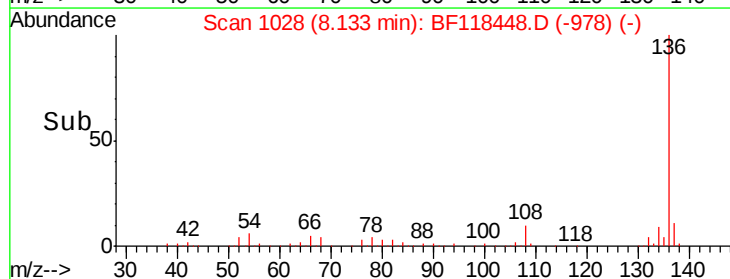
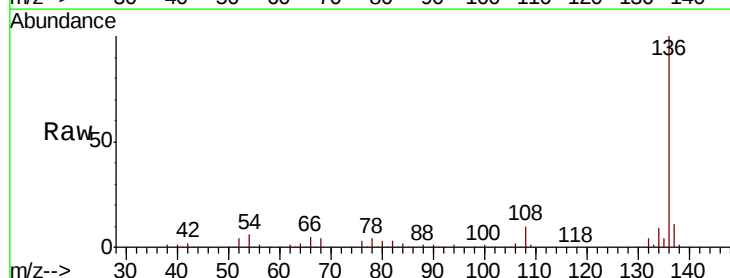
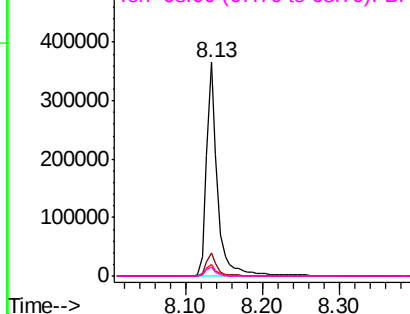
Delta R.T. -0.01 min

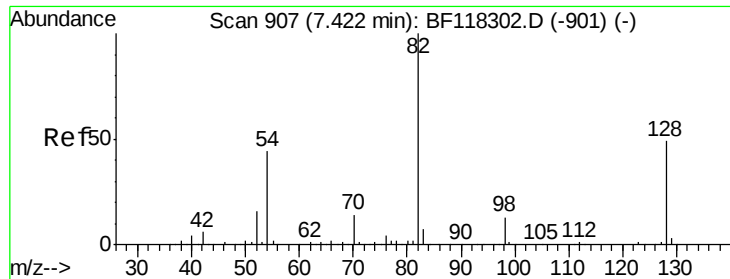
Lab File: BF118448.D

Acq: 2 Jan 2020 21:11

Tgt Ion:	136	Resp:	360661
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	5.5	4.2	6.4
68	4.4	3.5	5.3

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





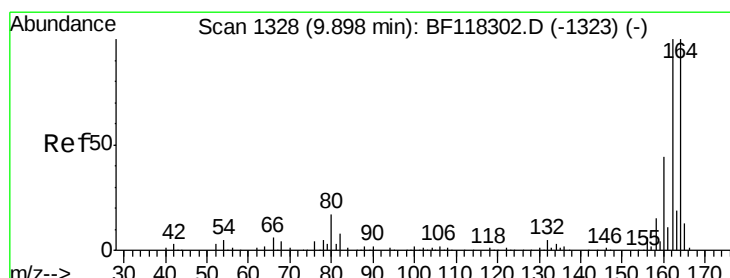
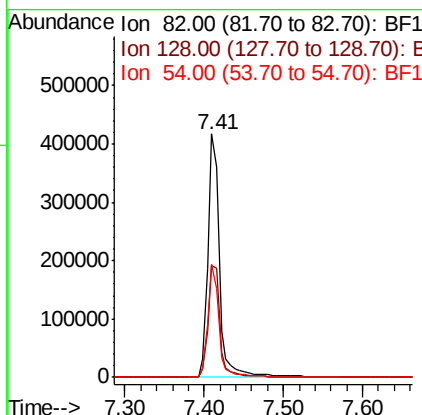
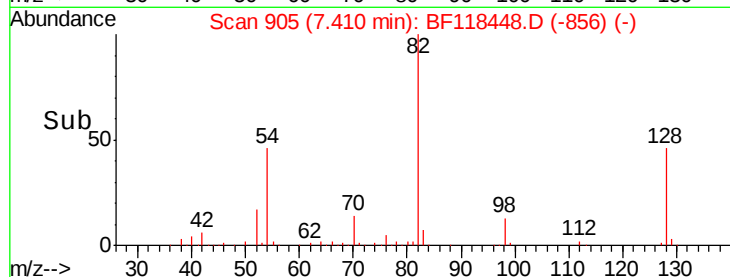
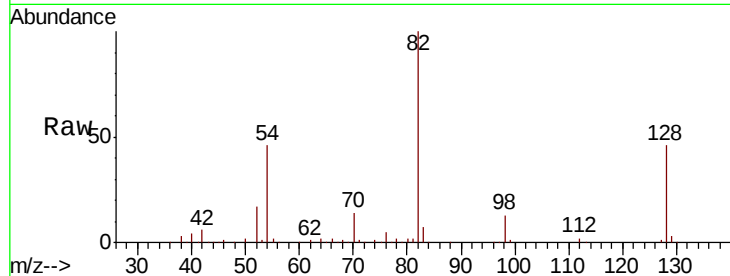
#23
 Nitrobenzene-d5
 Concen: 68.265 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF118448.D
 Acq: 2 Jan 2020 21:11

Instrument :
 BNA_F
 ClientSampleId :
 GP-4-(1-3)

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	39.6	59.4
54	46.2	34.9	52.3

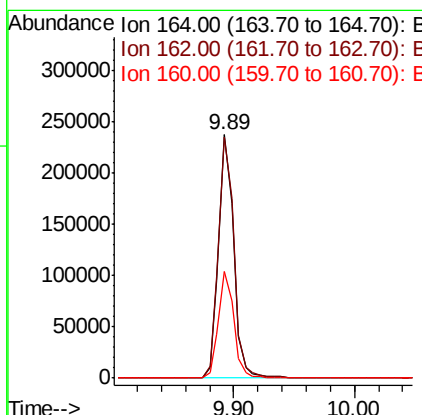
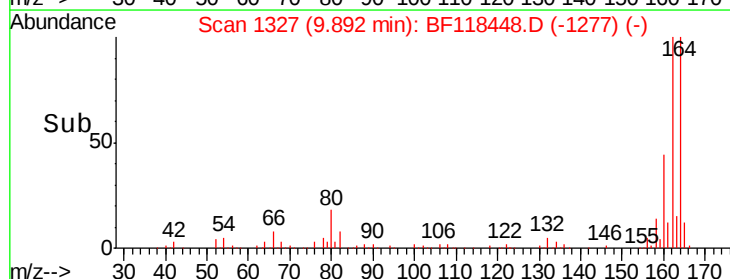
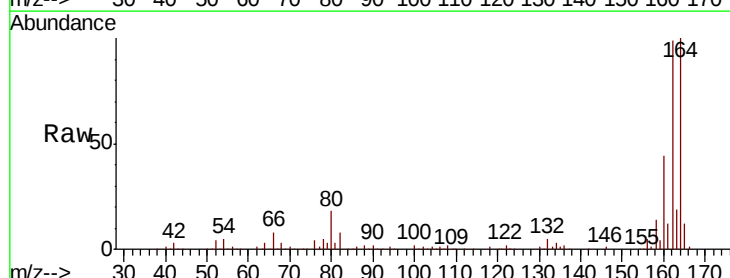
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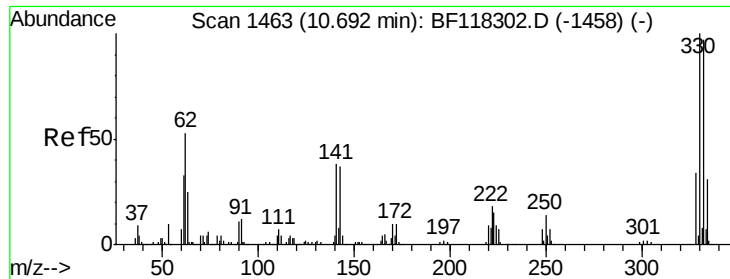
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF118448.D
 Acq: 2 Jan 2020 21:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.1	80.0	120.0
160	43.9	34.8	52.2





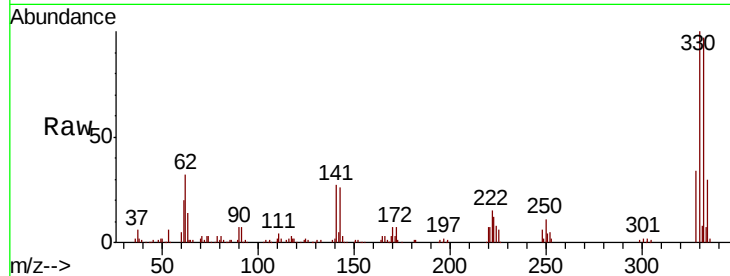
#42
 2,4,6-Tribromophenol
 Concen: 79.014 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: BF118448.D
 Acq: 2 Jan 2020 21:11

Instrument :
 BNA_F
 ClientSampleId :
 GP-4-(1-3)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	34.0	26.0	39.0

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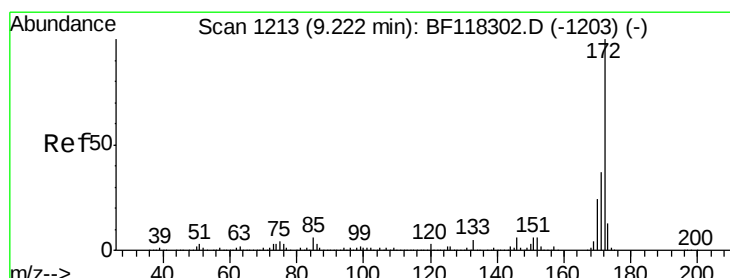
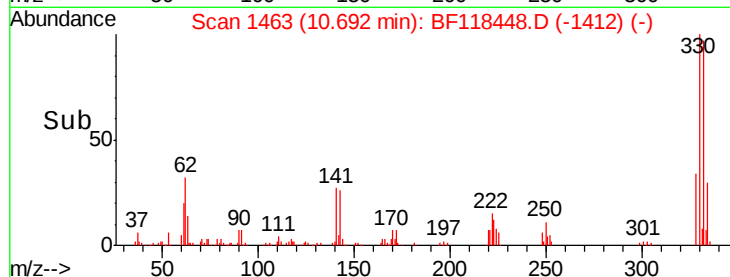
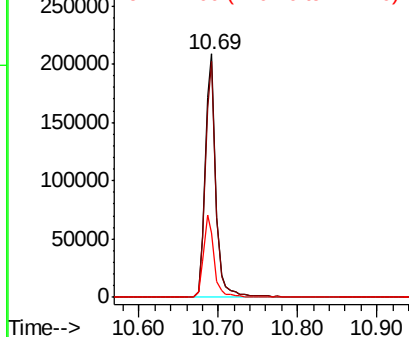


Abundance

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: 53.611 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF118448.D
 Acq: 2 Jan 2020 21:11

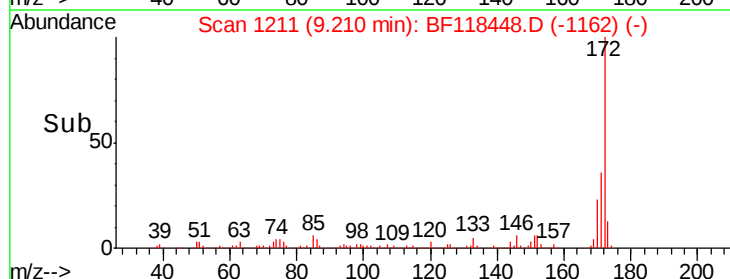
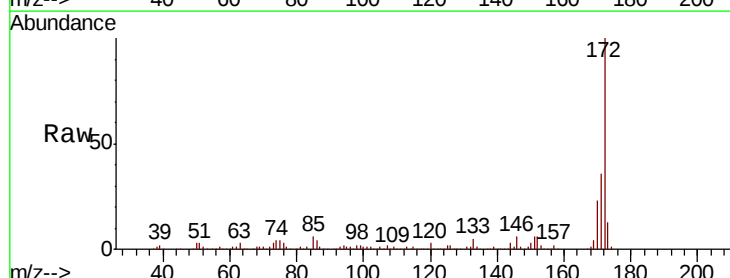
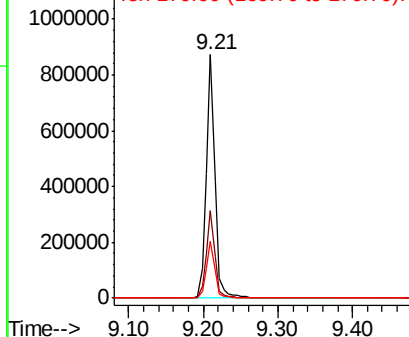
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.3	43.9
170	23.3	19.2	28.8

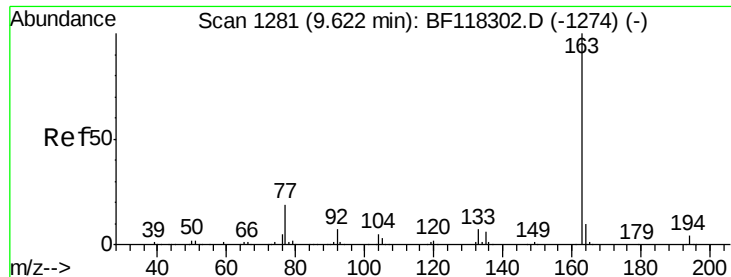
Abundance

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





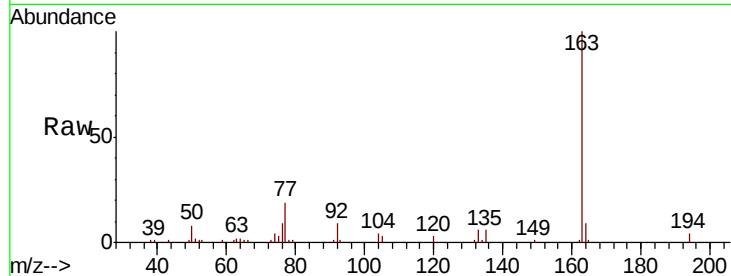
#50
Dimethylphthalate
Concen: 4.121 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF118448.D
Acq: 2 Jan 2020 21:11

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	9.2	7.9	11.9

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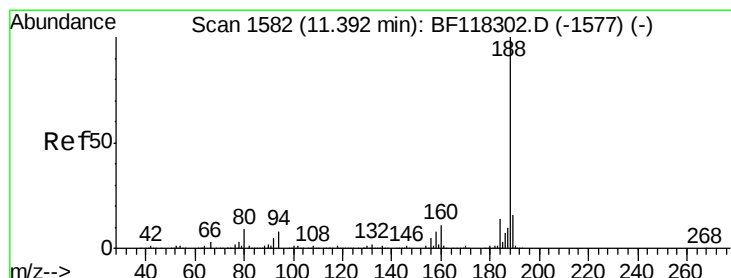
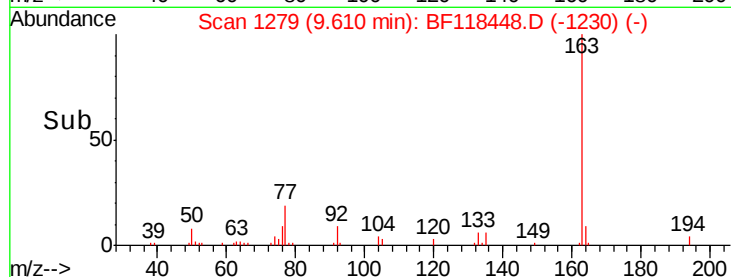
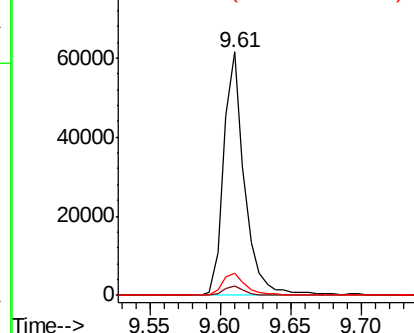


Abundance

Ion 163.00 (162.70 to 163.70): E

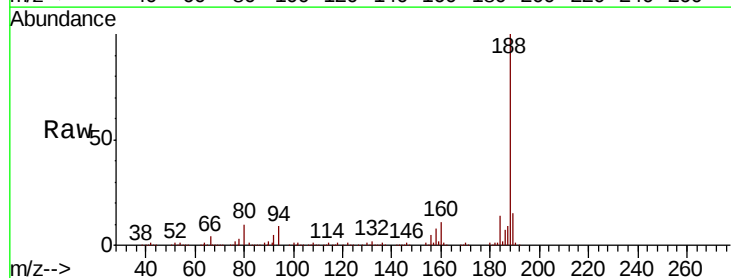
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF118448.D
Acq: 2 Jan 2020 21:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.7	10.1
80	9.6	7.2	10.8

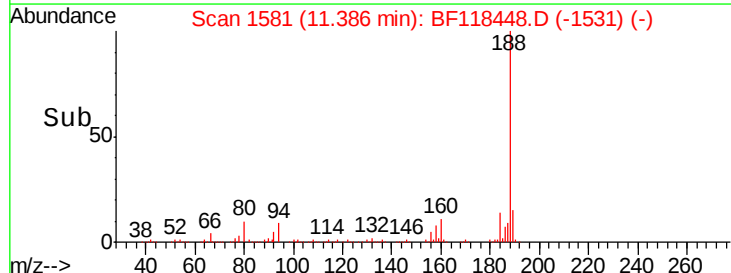
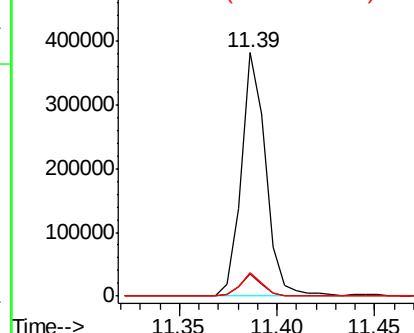


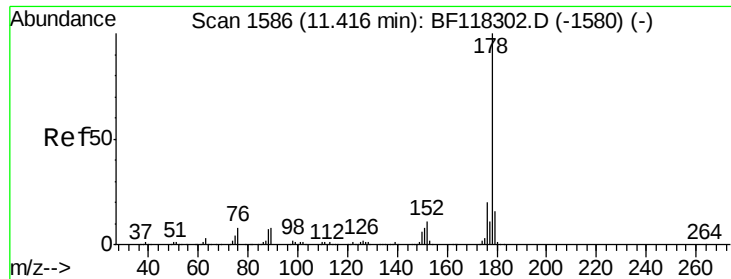
Abundance

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: 5.291 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF118448.D

Acq: 2 Jan 2020 21:11

Instrument :

BNA_F

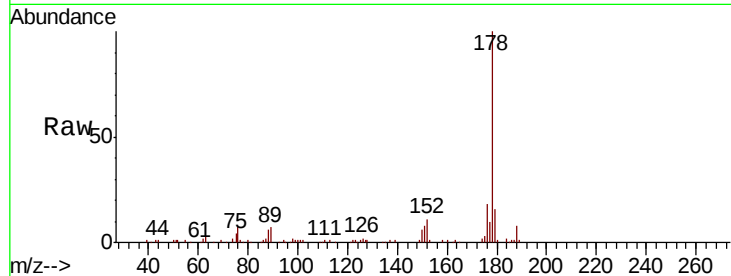
ClientSampleId :

GP-4-(1-3)

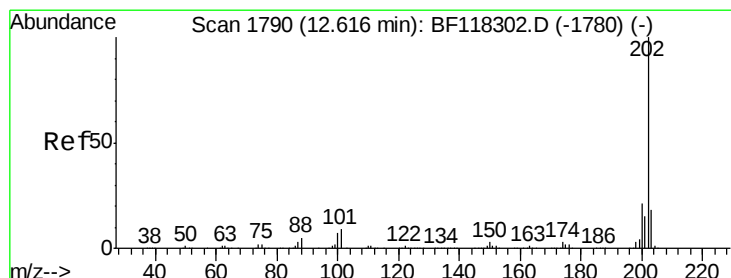
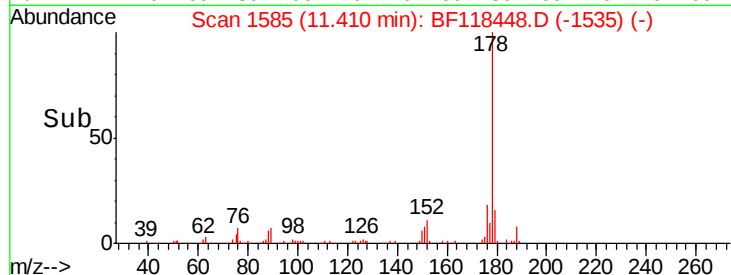
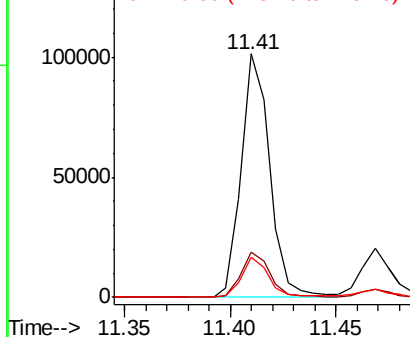
Tot Ion:	178	Resp:	95666
Ion Ratio	Lower	Upper	
178	100		
176	18.4	15.6	23.4
179	16.3	12.6	19.0

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 5.515 ng

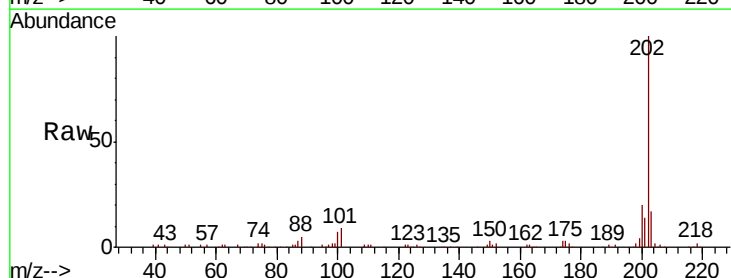
RT: 12.61 min Scan# 1789

Delta R.T. -0.01 min

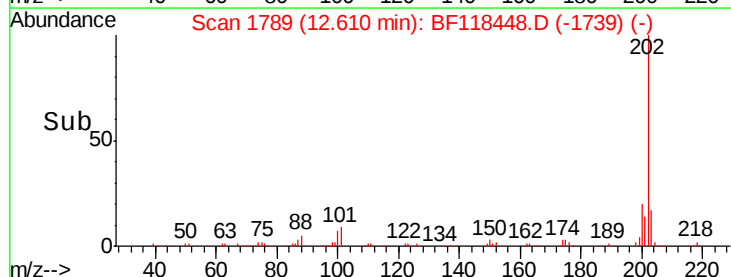
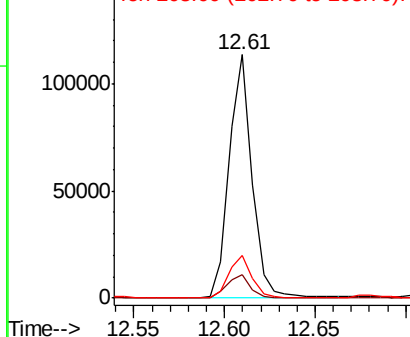
Lab File: BF118448.D

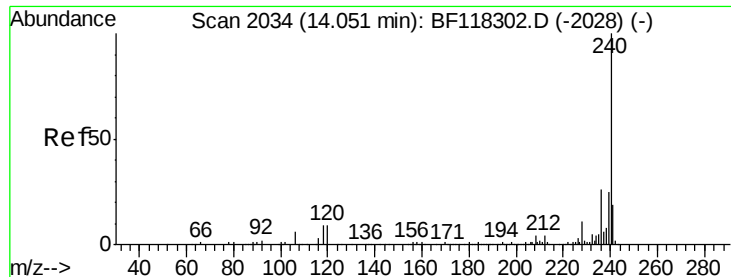
Acq: 2 Jan 2020 21:11

Tgt Ion:	202	Resp:	100632
Ion Ratio	Lower	Upper	
202	100		
101	9.5	0.0	29.5
203	17.4	0.0	37.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF118448.D

Acq: 2 Jan 2020 21:11

Instrument :

BNA_F

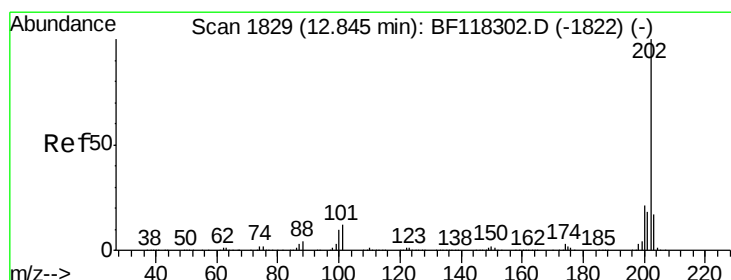
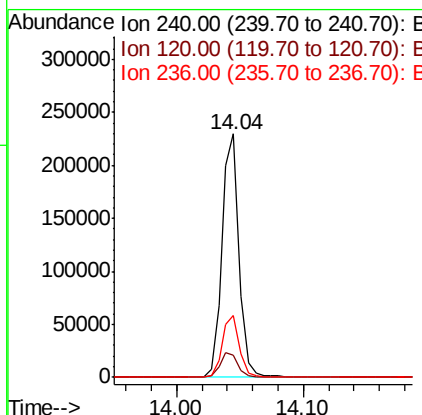
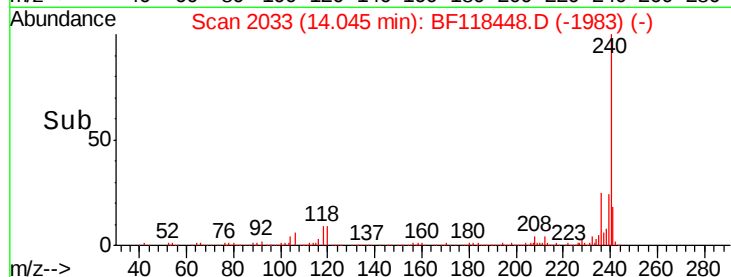
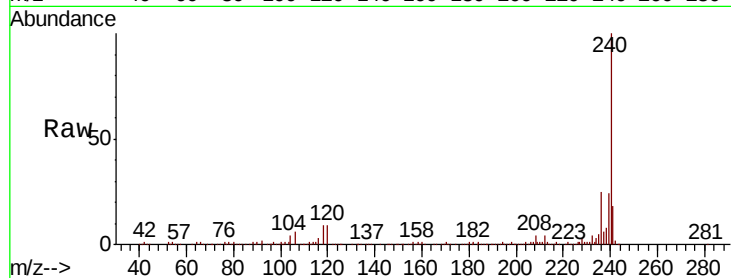
ClientSampleId :

GP-4-(1-3)

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.1	10.7
236	25.3	21.0	31.6

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#78

Pyrene

Concen: 5.297 ng

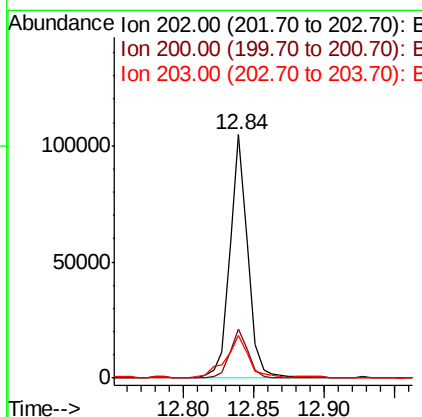
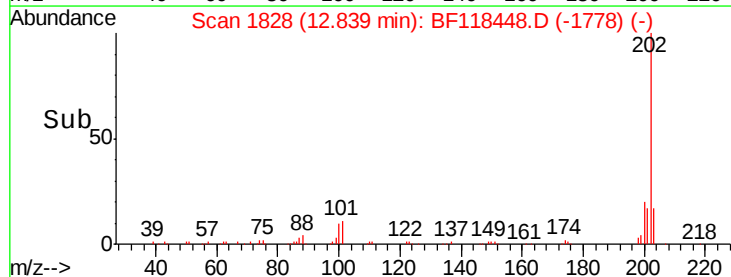
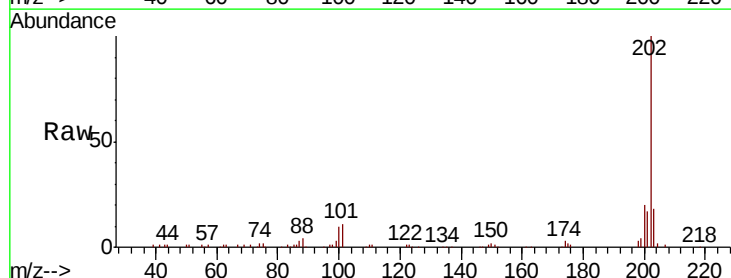
RT: 12.84 min Scan# 1828

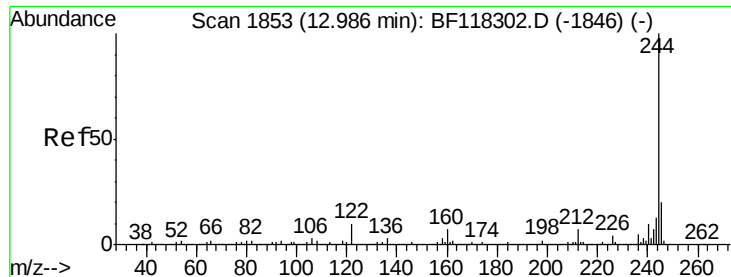
Delta R.T. -0.01 min

Lab File: BF118448.D

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Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.8	25.2
203	17.5	13.9	20.9





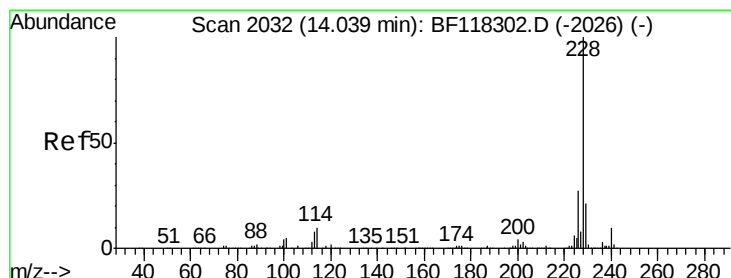
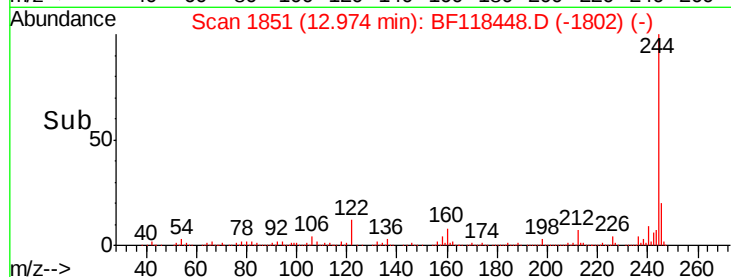
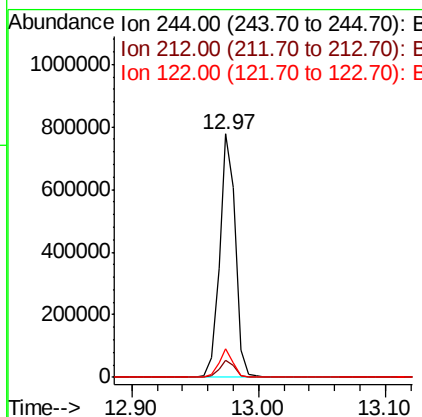
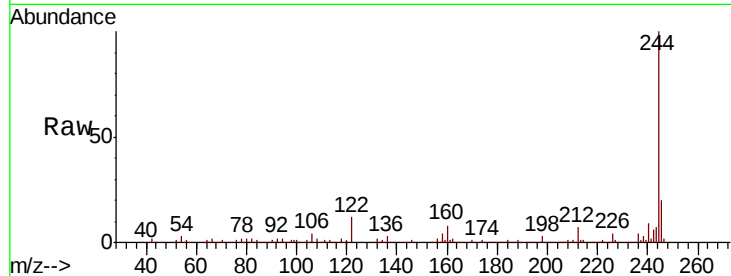
#79
 Terphenyl-d14
 Concen: 52.196 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF118448.D
 Acq: 2 Jan 2020 21:11

Instrument :
 BNA_F
 ClientSampled :
 GP-4-(1-3)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	11.5	7.8	11.8

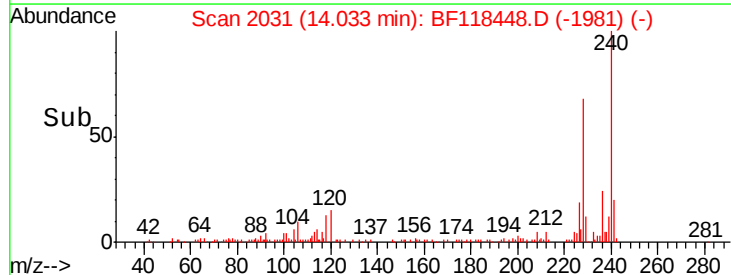
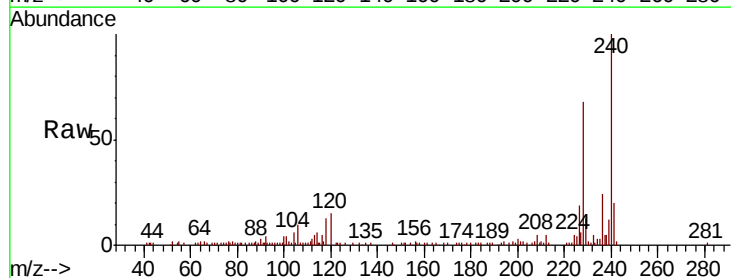
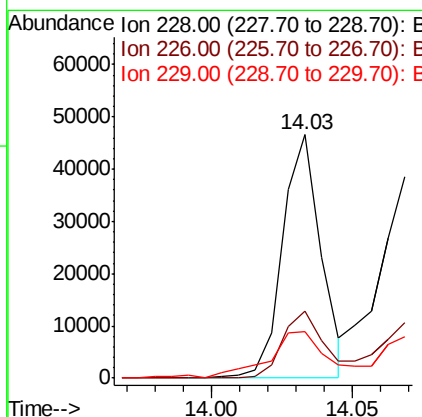
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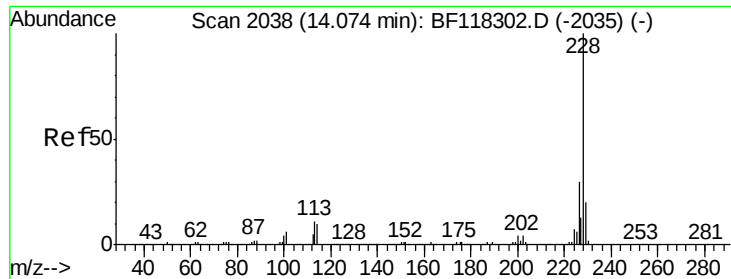
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#81
 Benzo(a)anthracene
 Concen: 2.927 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF118448.D
 Acq: 2 Jan 2020 21:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.0	33.0
229	19.0	16.6	24.8





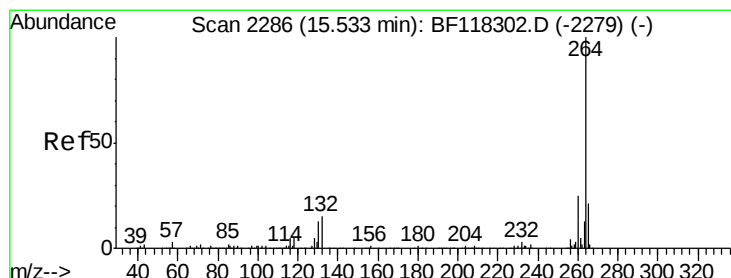
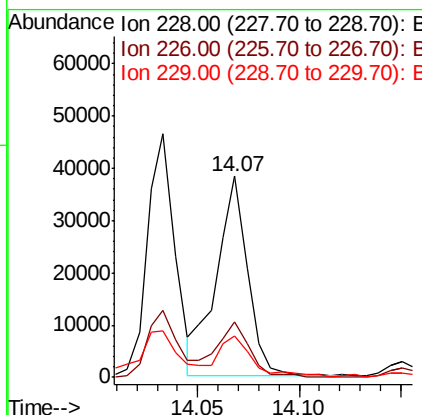
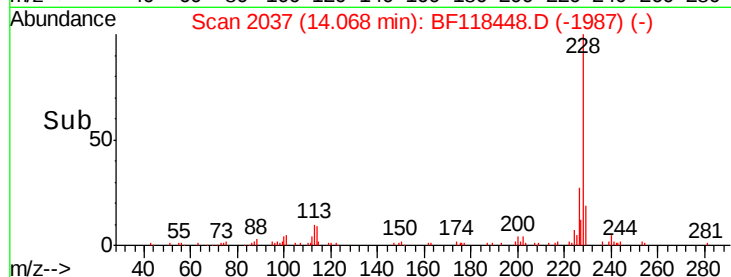
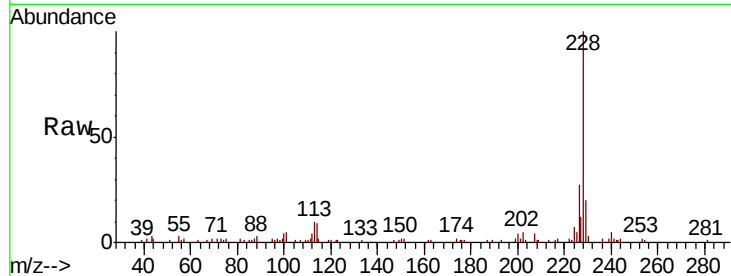
#83
Chrysene
Concen: 2.893 ng/mL
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF118448.D
Acq: 2 Jan 2020 21:11

Instrument :
BNA_F
ClientSampleId :
GP-4-(1-3)

Tot Ion:	228	Resp:	41592
Ion Ratio	Lower	Upper	
228	100		
226	27.5	23.9	35.9
229	20.3	16.1	24.1

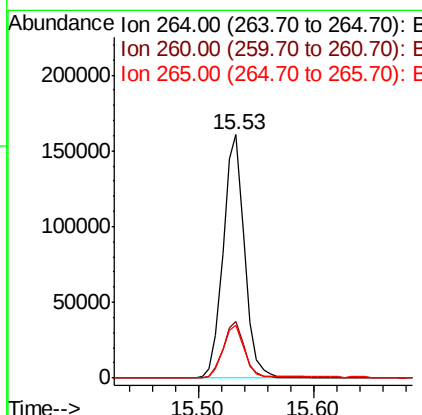
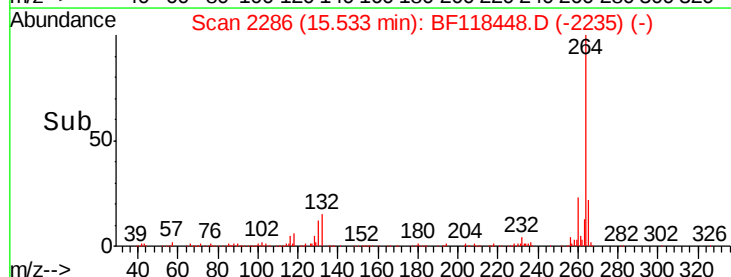
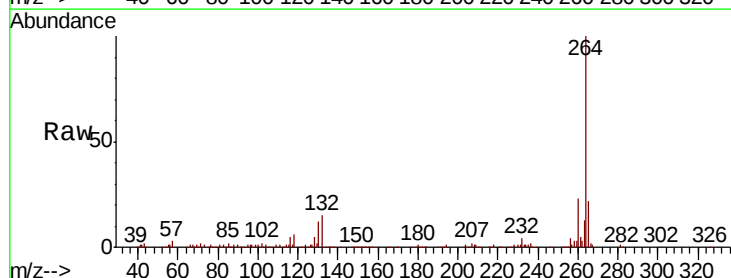
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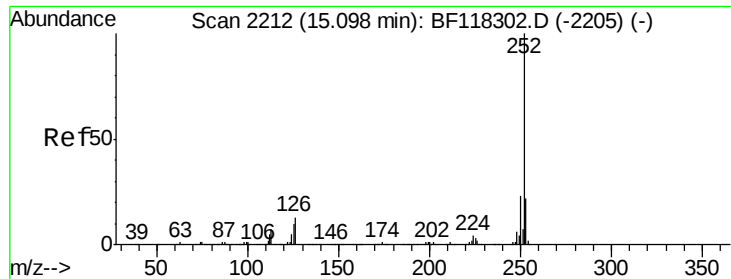
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.00 min
Lab File: BF118448.D
Acq: 2 Jan 2020 21:11

Tgt Ion:	264	Resp:	205885
Ion Ratio	Lower	Upper	
264	100		
260	23.1	19.8	29.6
265	21.7	17.0	25.4





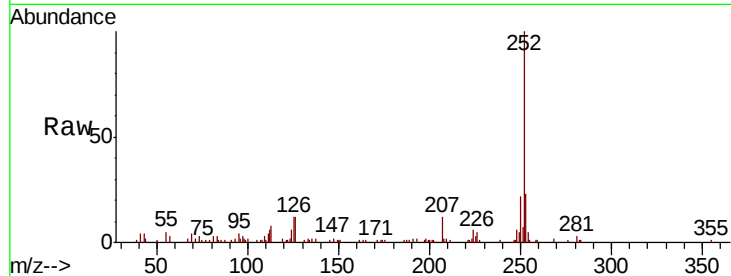
#88
Benzo(b)fluoranthene
Concen: 3.666 ng m
RT: 15.10 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BF118448.D
Acq: 2 Jan 2020 21:11

Instrument :
BNA_F
ClientSampleId :
GP-4-(1-3)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	12.2	7.7	11.5

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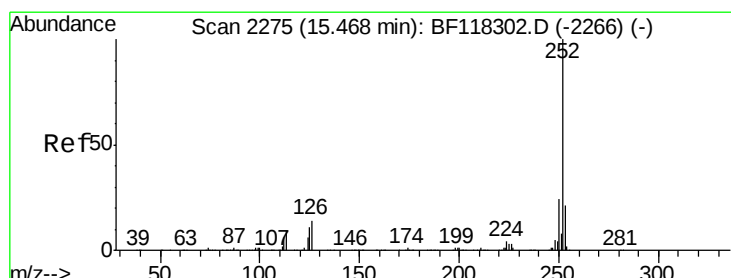
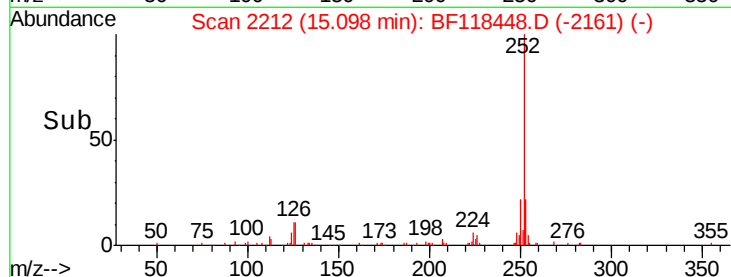
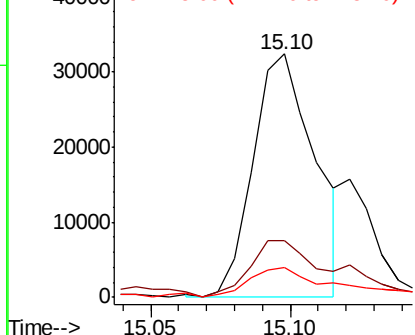


Abundance

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



#90
Benzo(a)pyrene
Concen: 2.590 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BF118448.D
Acq: 2 Jan 2020 21:11

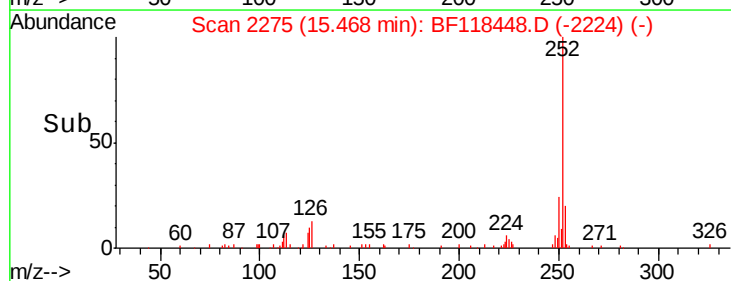
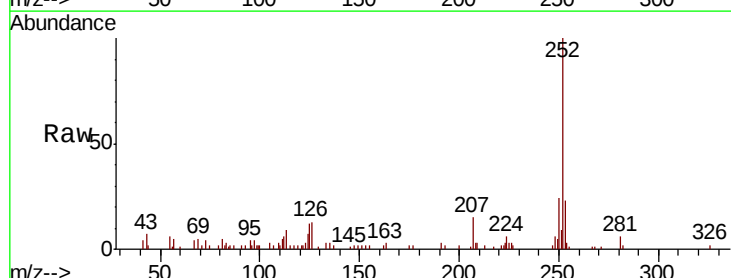
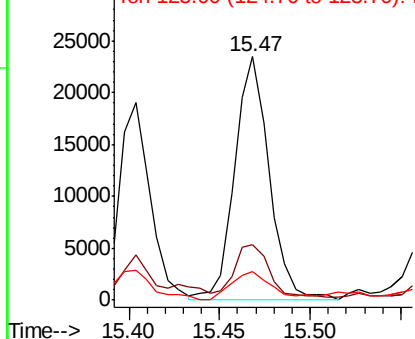
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	11.7	9.0	13.4

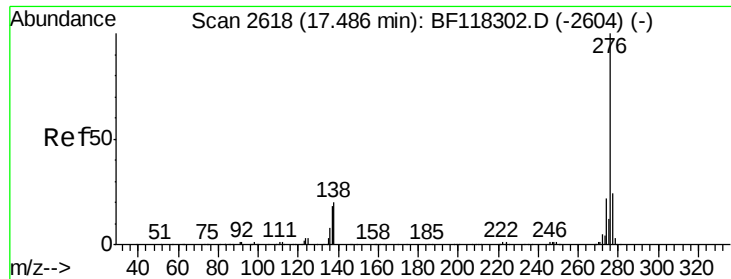
Abundance

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





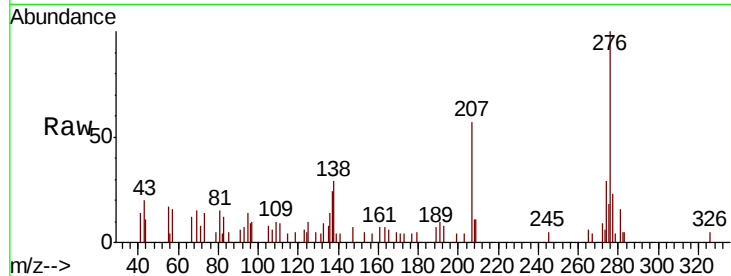
#92
 Benzo(a,h,i)perylene
 Concen: 2.038 ng
 RT: 17.50 min Scan# 2621
 Delta R.T. 0.02 min
 Lab File: BF118448.D
 Acq: 2 Jan 2020 21:11

Instrument :
 BNA_F
 ClientSampleId :
 GP-4-(1-3)

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.1	28.7
138	28.7	16.1	24.1

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

