

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
 Data File : BF118321.D
 Acq On : 26 Dec 2019 17:27
 Operator : JU
 Sample : K6437-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Dec 27 05:06:23 2019
 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	110181	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	433922	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	227714	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	415698	20.00	ng	0.00
76) Chrysene-d12	14.04	240	284570	20.00	ng	-0.01
87) Perylene-d12	15.53	264	314670	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	666304	103.23	ng	0.00
7) Phenol-d6	6.48	99	851581	106.35	ng	0.00
23) Nitrobenzene-d5	7.41	82	500990	66.04	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	273917	97.41	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1023288	68.60	ng	0.00
79) Terphenyl-d14	12.98	244	1079785	62.95	ng	0.00
Target Compounds						
10) Phenol	6.49	94	23534	2.615	ng	96
32) Benzoic acid	7.92	122	1051	5.877	ng	# 65
50) Dimethylphthalate	9.61	163	42758	2.501	ng	100
71) Phenanthrene	11.41	178	130181	5.745	ng	99
75) Fluoranthene	12.60	202	161333	7.054	ng	98
78) Pyrene	12.84	202	136122	5.858	ng	98
81) Benzo(a)anthracene	14.03	228	71117	3.570	ng	98
83) Chrysene	14.06	228	62794	3.292	ng	96
88) Benzo(b)fluoranthene	15.09	252	83087m	3.978	ng	
90) Benzo(a)pyrene	15.46	252	57571	3.129	ng	# 90

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

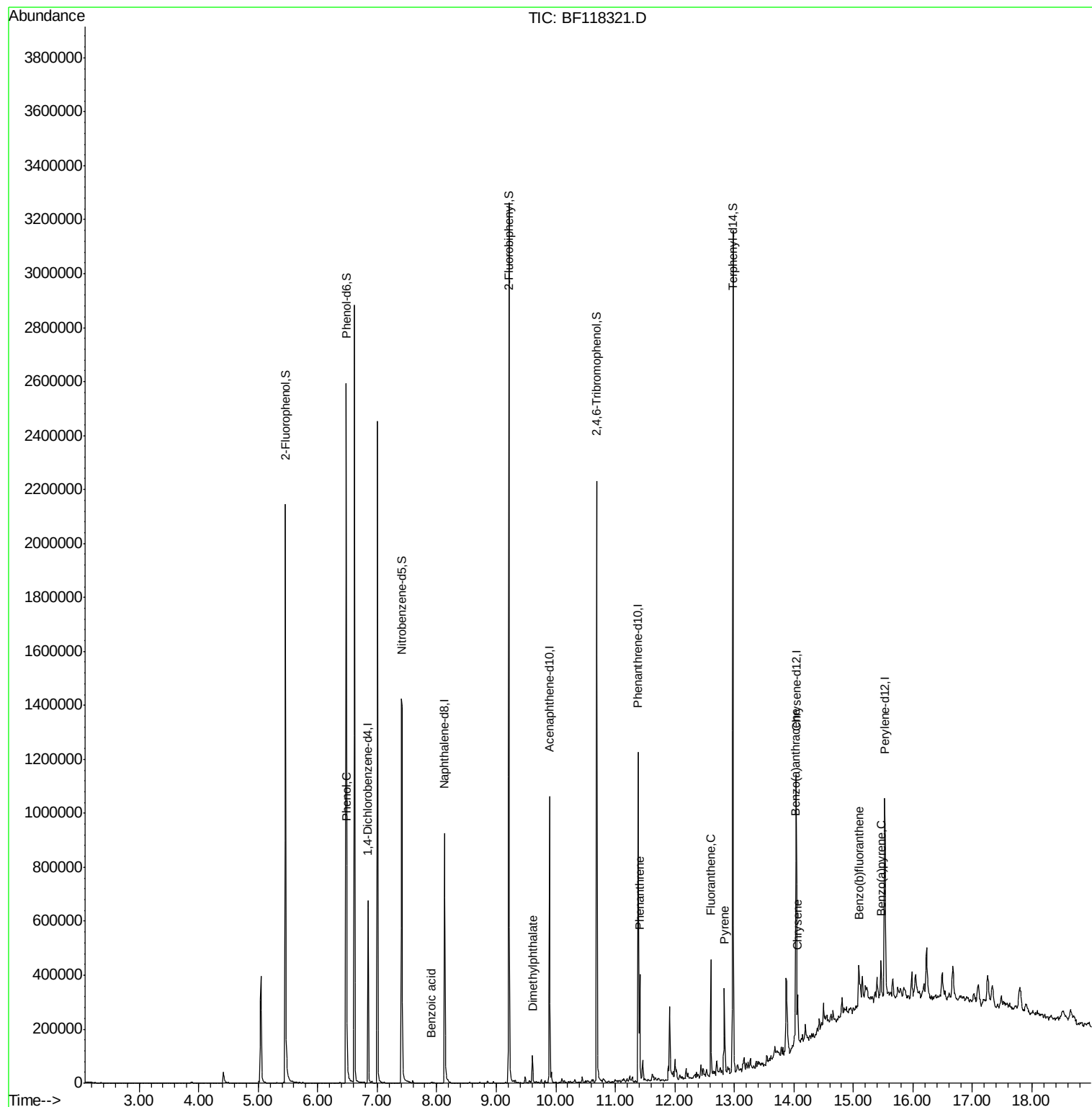
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
Data File : BF118321.D
Acq On : 26 Dec 2019 17:27
Operator : JU
Sample : K6437-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

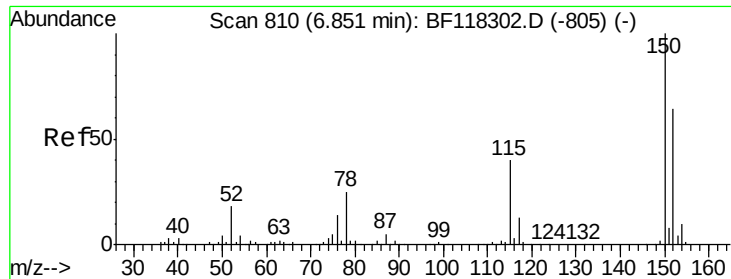
Instrument :
BNA_F
ClientSampleId :
GP-3-(1-3)

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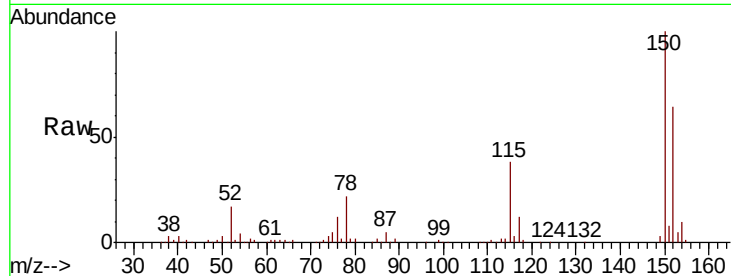
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF118321.D
 Acq: 26 Dec 2019 17:27

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	125.4	188.2
115	59.4	50.2	75.4

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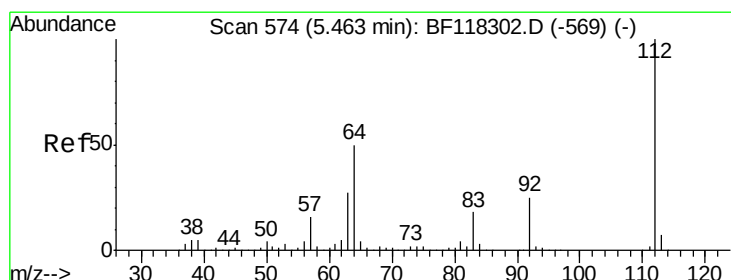
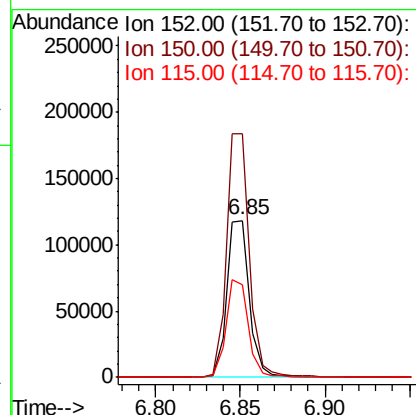
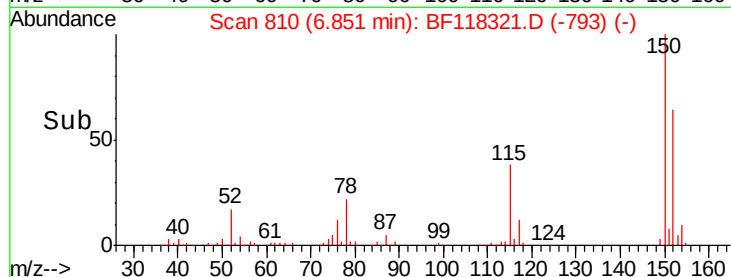


Abundance

Ion 152.00 (151.70 to 152.70): E

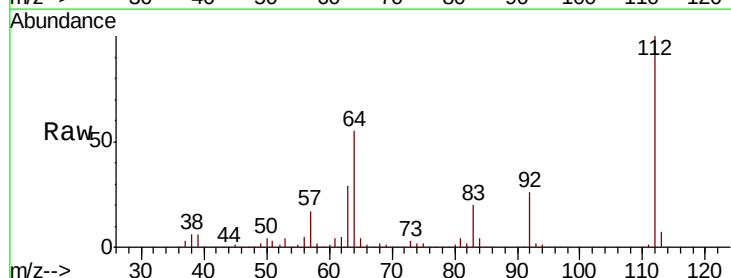
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 103.228 ng
 RT: 5.46 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: BF118321.D
 Acq: 26 Dec 2019 17:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	39.7	59.5
63	29.1	21.7	32.5

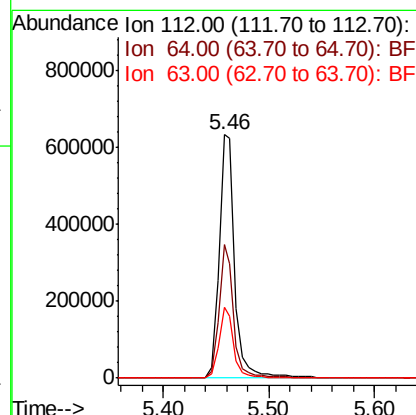
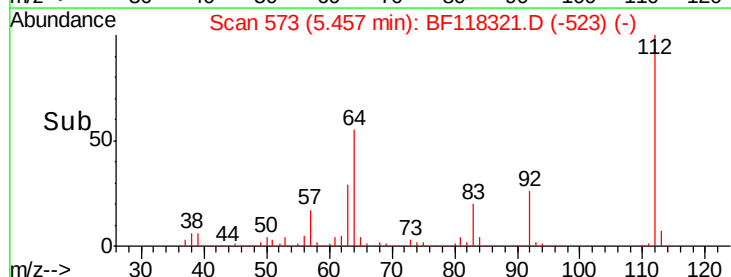


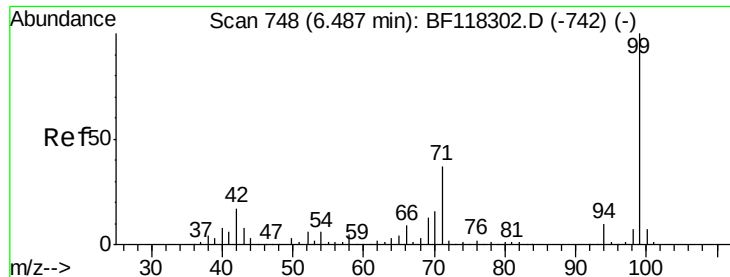
Abundance

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: 106.352 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF118321.D

Acq: 26 Dec 2019 17:27

Instrument :

BNA_F

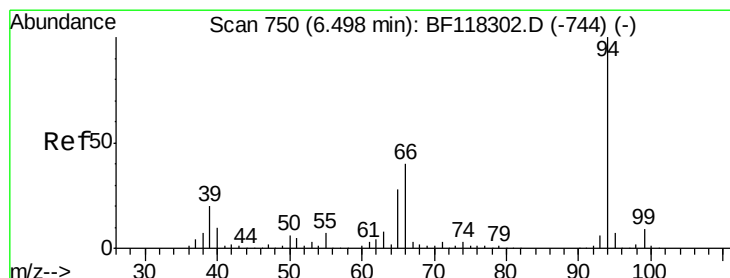
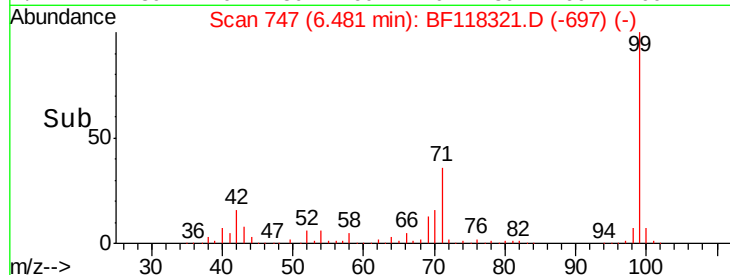
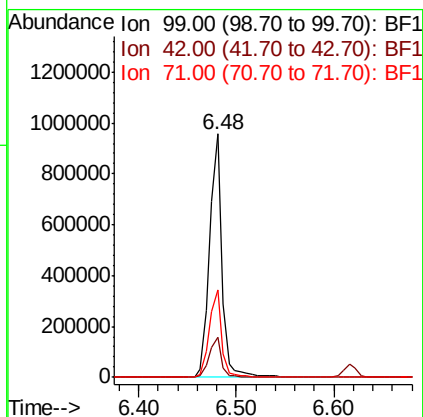
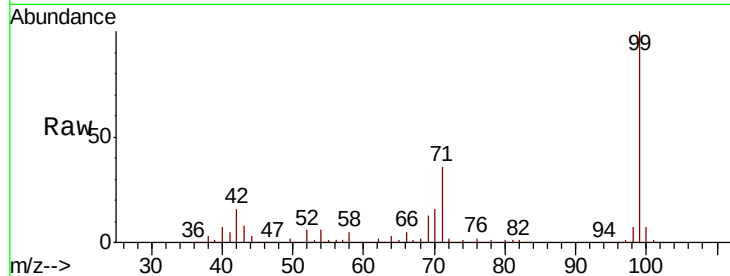
ClientSampleId :

GP-3-(1-3)

Tot Ion:	99	Resp:	851581
Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.5	20.3
71	36.1	29.4	44.2

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#10

Phenol

Concen: 2.615 ng

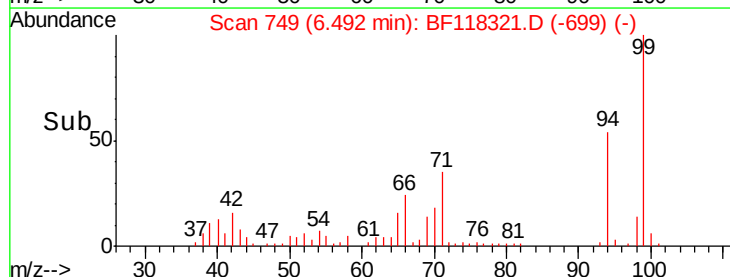
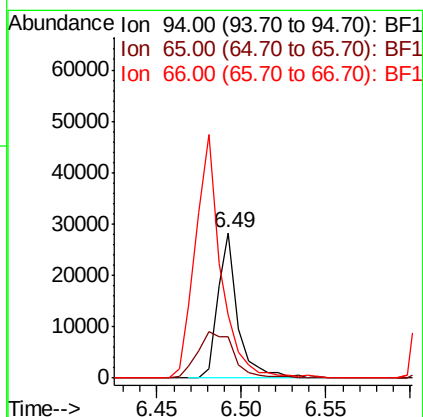
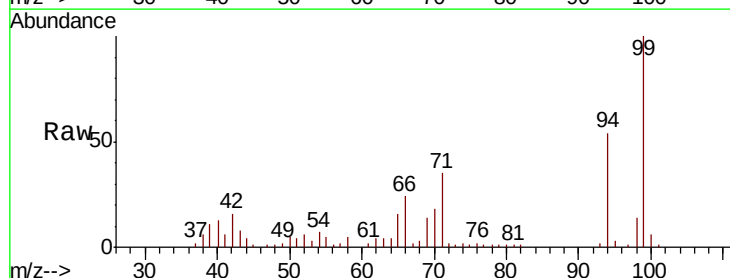
RT: 6.49 min Scan# 749

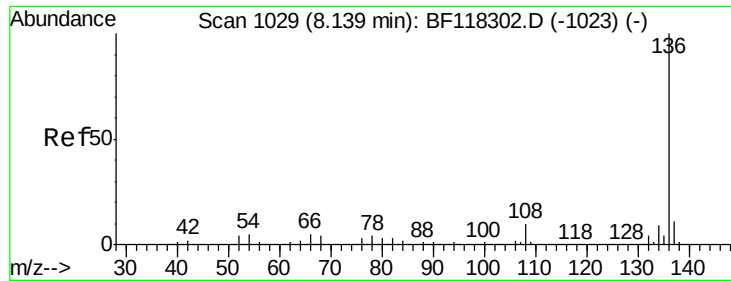
Delta R.T. -0.01 min

Lab File: BF118321.D

Acq: 26 Dec 2019 17:27

Tgt Ion:	94	Resp:	23534
Ion	Ratio	Lower	Upper
94	100		
65	28.8	7.8	47.8
66	43.8	20.4	60.4





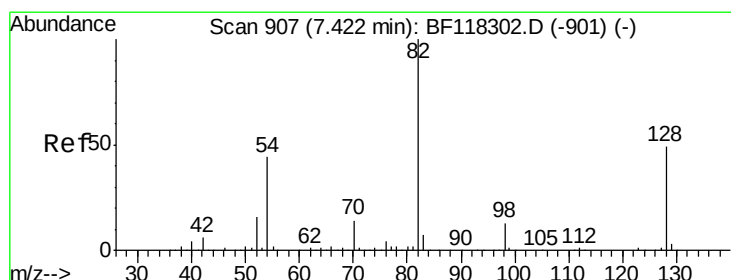
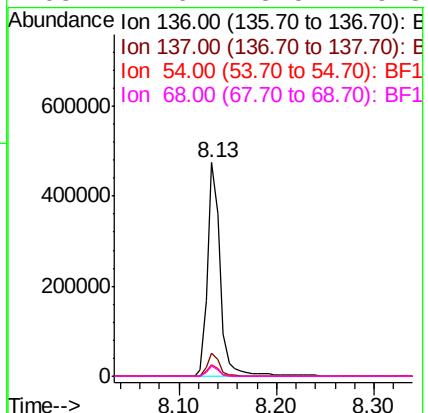
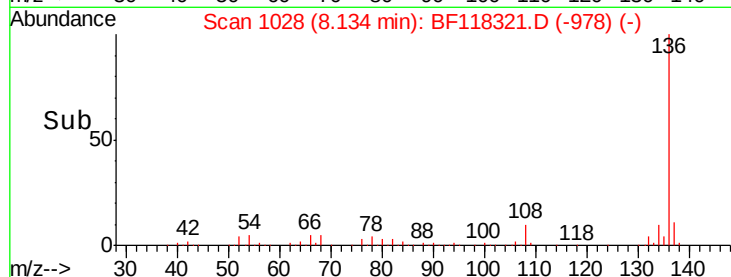
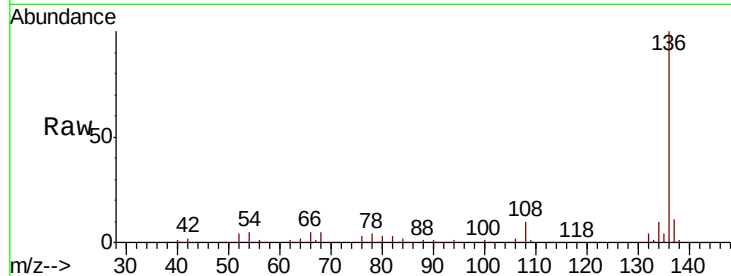
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF118321.D
Acq: 26 Dec 2019 17:27

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		433922		
137	11.0	8.9	13.3		
54	5.5	4.2	6.4		
68	4.6	3.5	5.3		

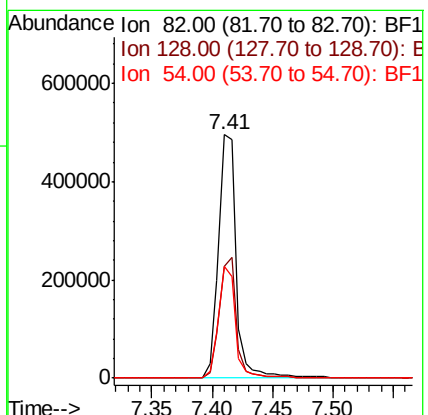
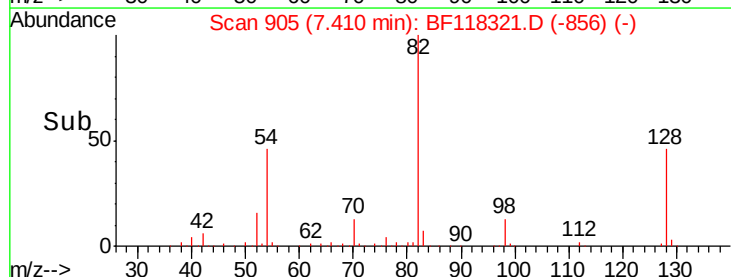
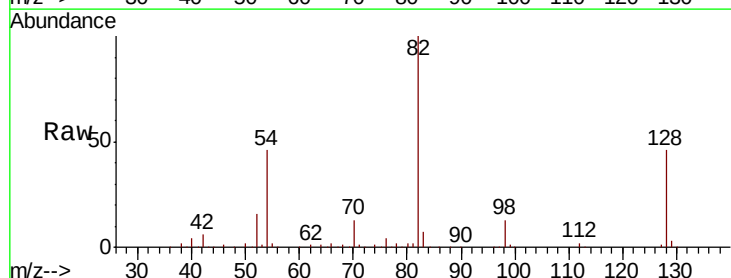
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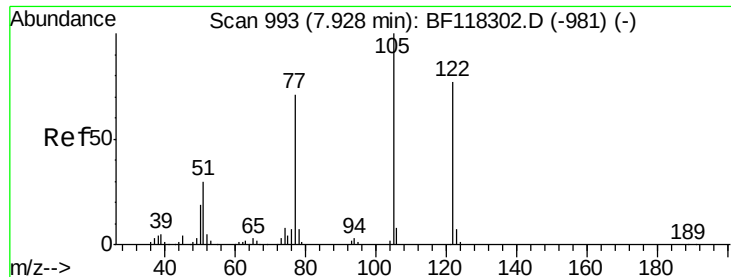
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#23
Nitrobenzene-d5
Concen: 66.035 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF118321.D
Acq: 26 Dec 2019 17:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		500990		
128	46.0	39.6	59.4		
54	45.8	34.9	52.3		





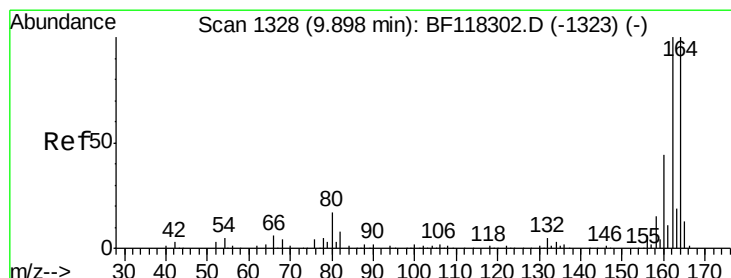
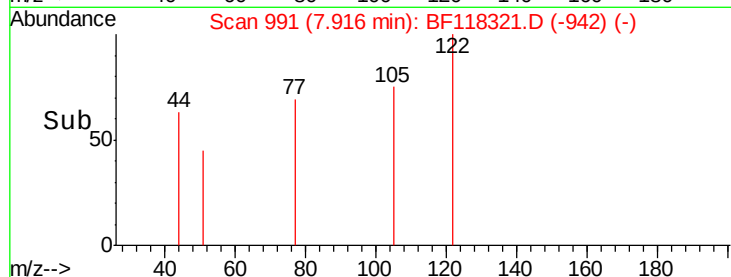
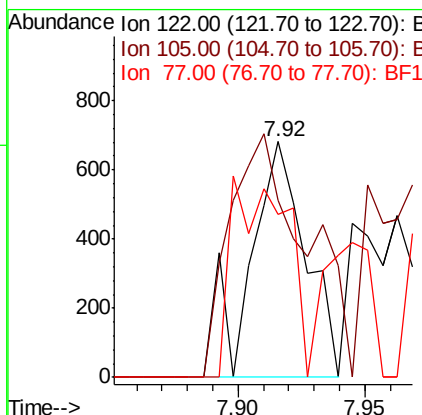
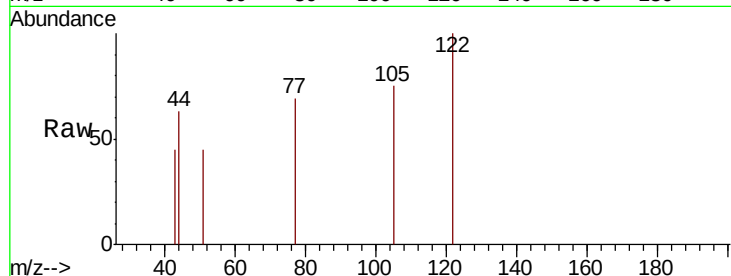
#32
Benzoic acid
Concen: 5.877 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF118321.D
Acq: 26 Dec 2019 17:27

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

Tot Ion	Ratio	Lower	Upper
122	100		
105	75.2	106.8	146.8#
77	69.5	70.4	110.4#

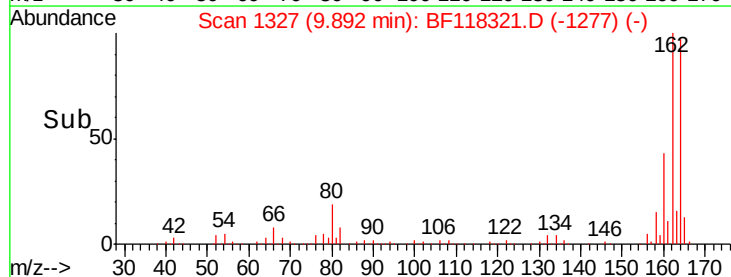
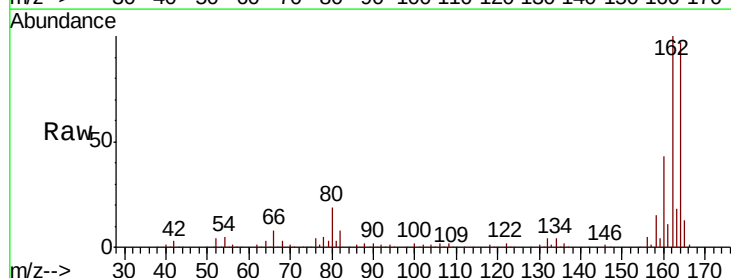
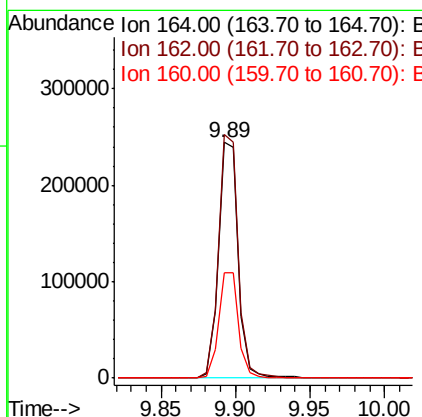
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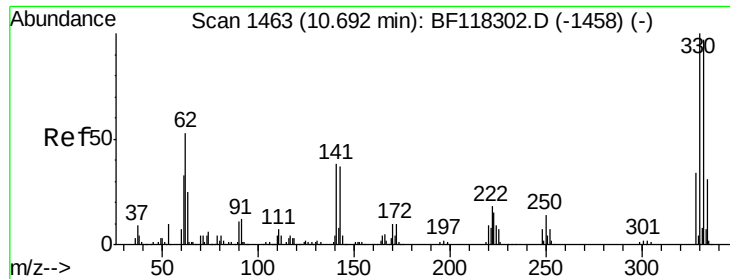
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF118321.D
Acq: 26 Dec 2019 17:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	80.0	120.0
160	44.6	34.8	52.2





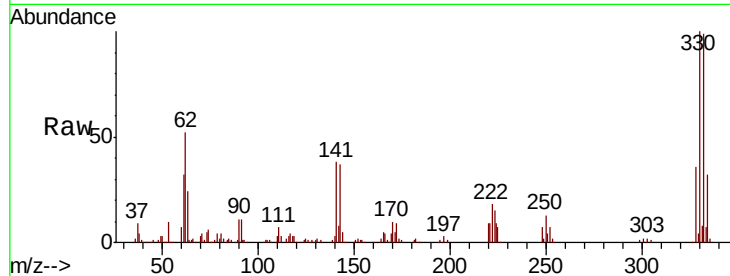
#42
 2,4,6-Tribromophenol
 Concen: 97.406 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF118321.D
 Acq: 26 Dec 2019 17:27

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100	273917		
332	98.7	76.6	114.8	
141	33.6	26.0	39.0	

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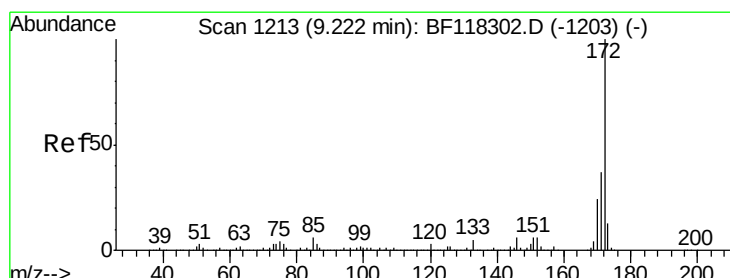
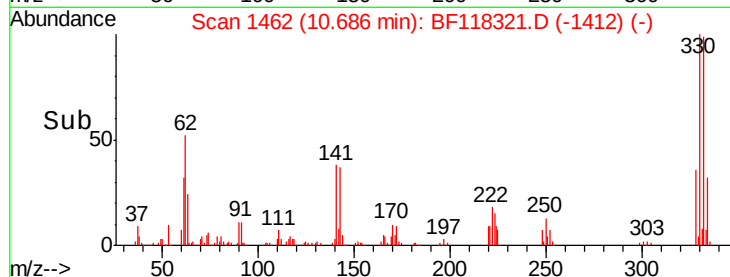
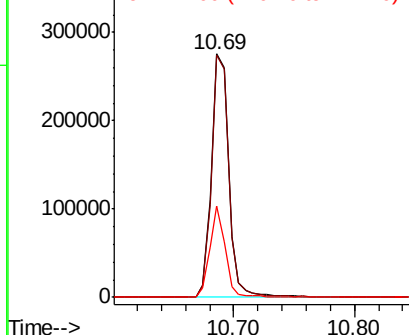


Abundance

Ion 329.80 (329.50 to 330.50): E

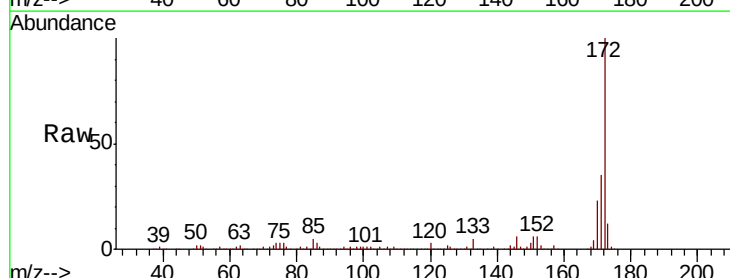
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 68.596 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF118321.D
 Acq: 26 Dec 2019 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1023288		
171	35.2	29.3	43.9	
170	23.1	19.2	28.8	

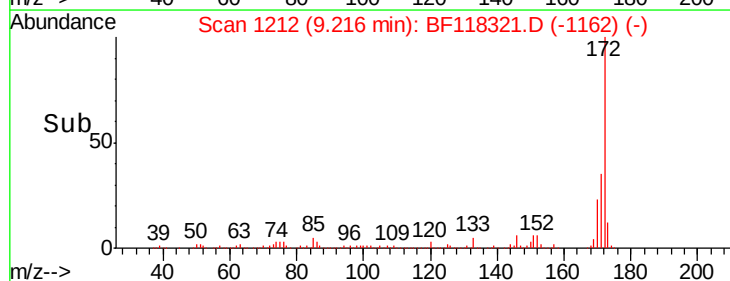
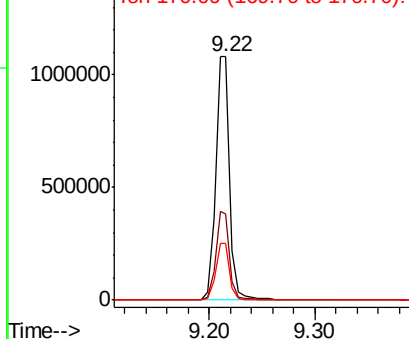


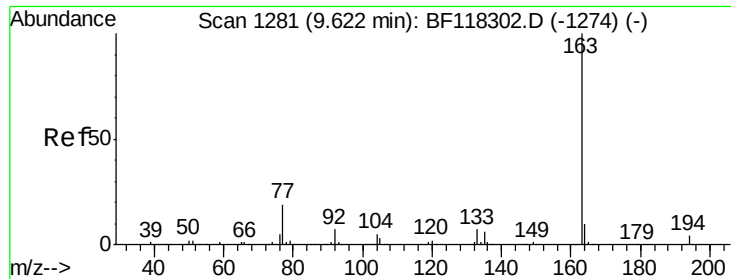
Abundance

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





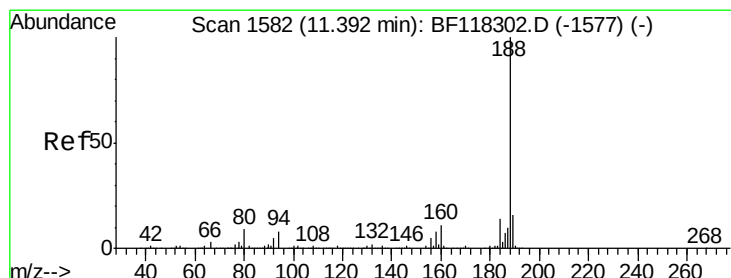
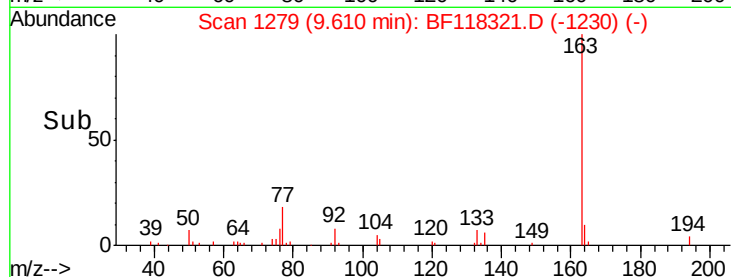
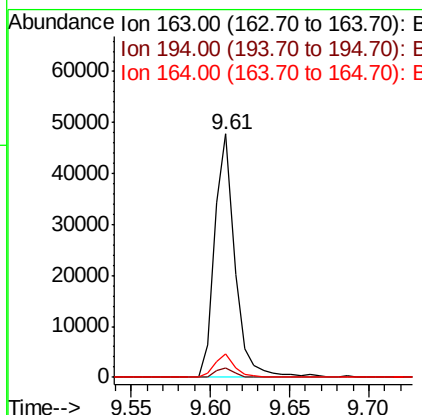
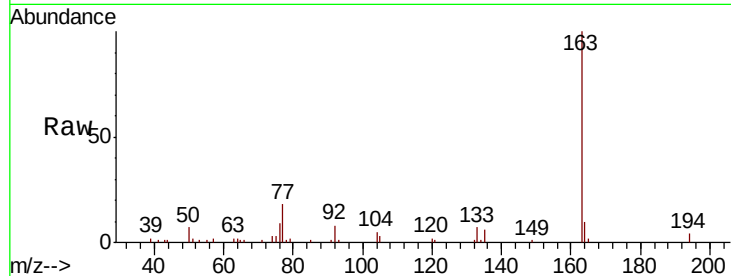
#50
Dimethylphthalate
Concen: 2.501 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF118321.D
Acq: 26 Dec 2019 17:27

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

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	9.8	7.9	11.9

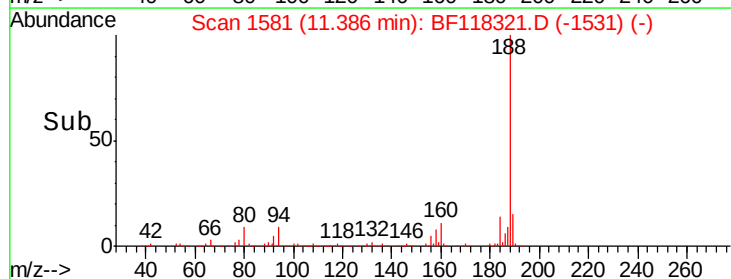
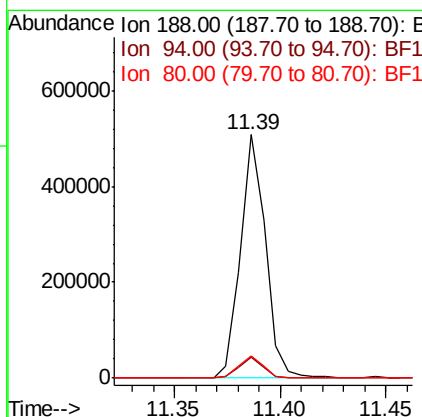
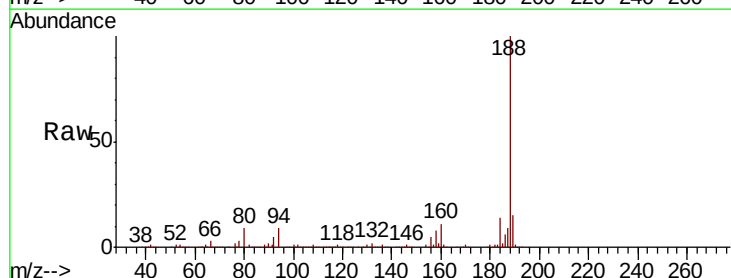
Manual Integrations
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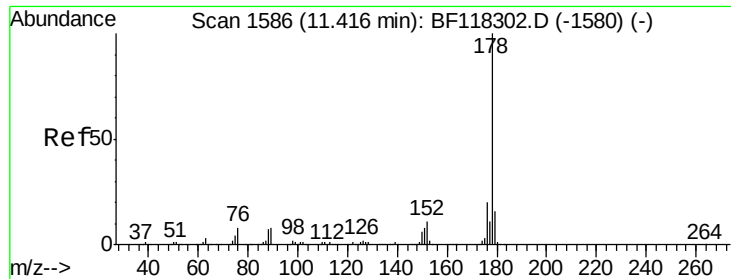
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF118321.D
Acq: 26 Dec 2019 17:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.7	10.1
80	9.3	7.2	10.8





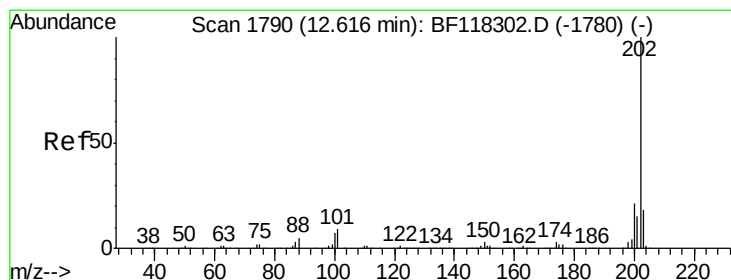
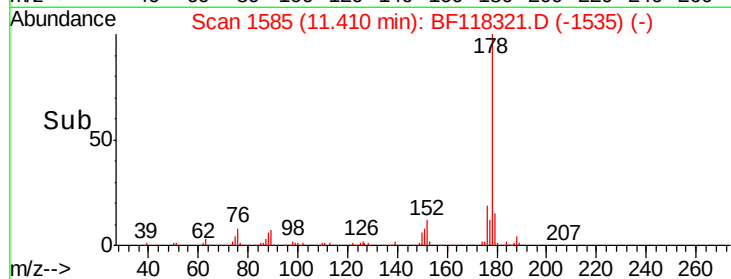
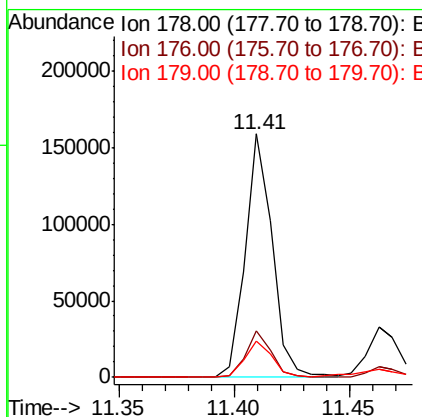
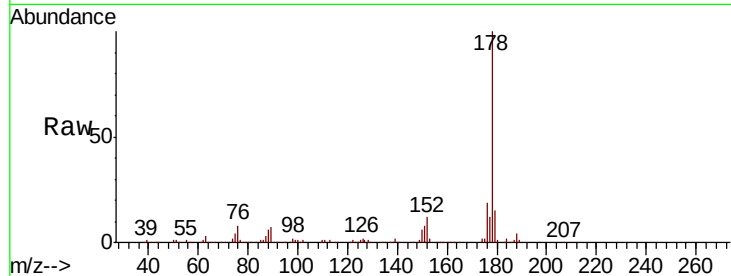
#71
Phenanthrene
Concen: 5.745 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF118321.D
Acq: 26 Dec 2019 17:27

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	15.1	12.6	19.0

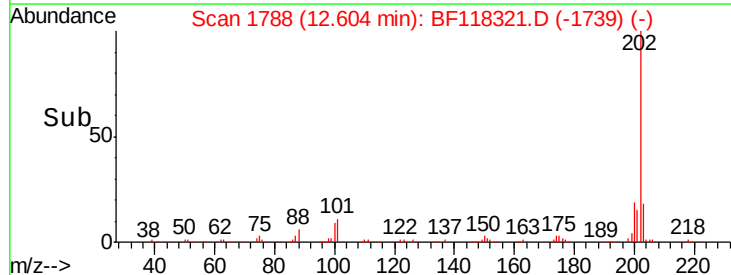
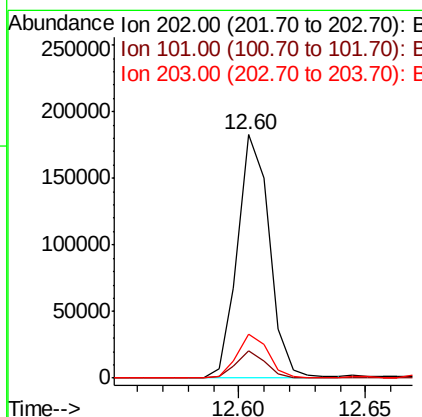
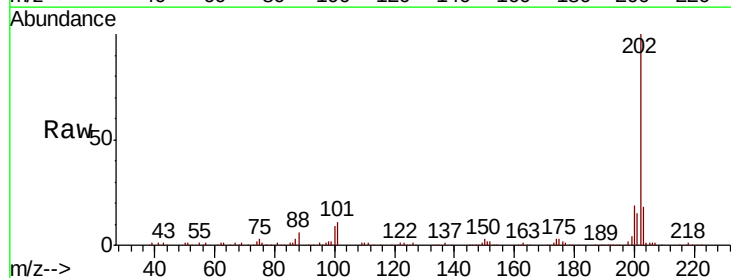
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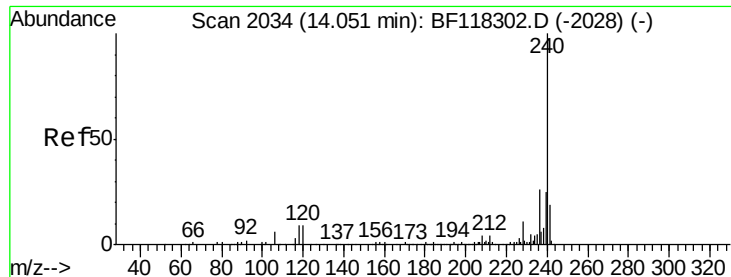
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#75
Fluoranthene
Concen: 7.054 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.01 min
Lab File: BF118321.D
Acq: 26 Dec 2019 17:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	29.5
203	18.0	0.0	37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF118321.D

Acq: 26 Dec 2019 17:27

Instrument :

BNA_F

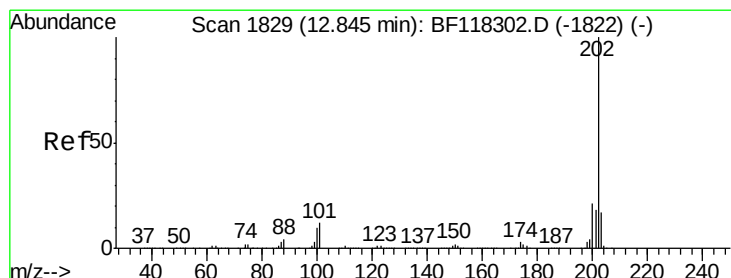
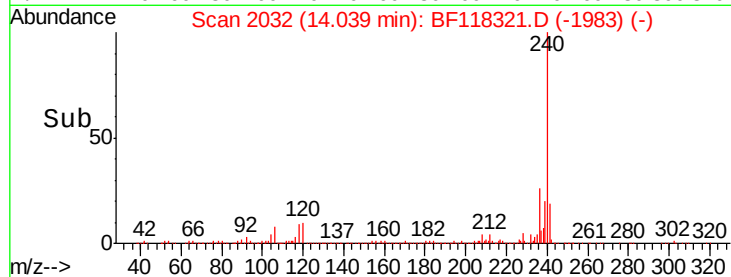
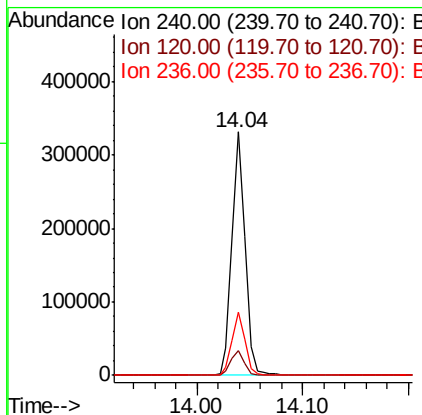
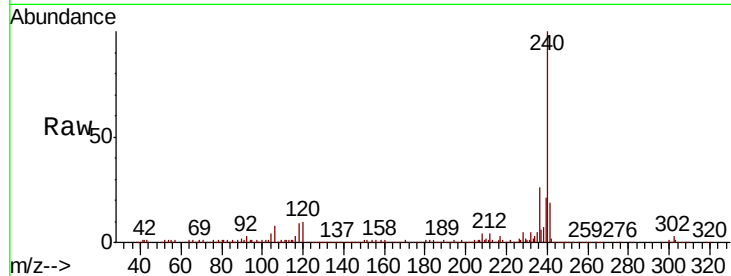
ClientSampleId :

GP-3-(1-3)

Tot Ion:	240	Resp:	284570
Ion Ratio	Lower	Upper	
240	100		
120	10.4	7.1	10.7
236	25.9	21.0	31.6

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#78

Pyrene

Concen: 5.858 ng

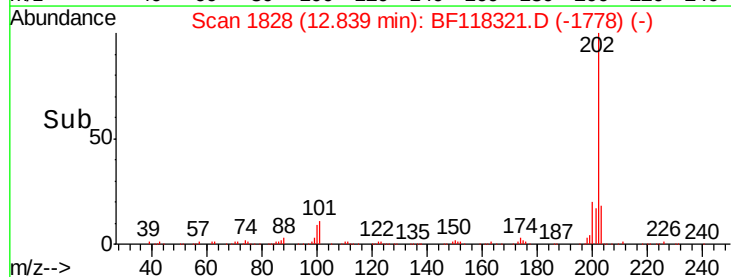
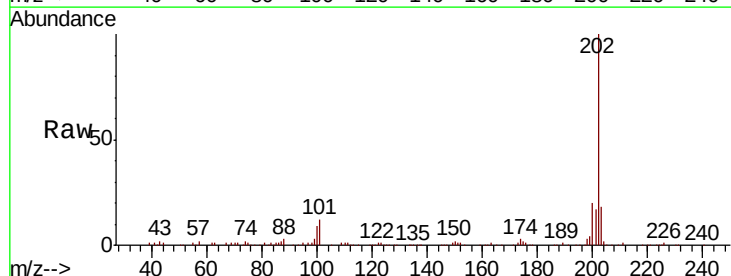
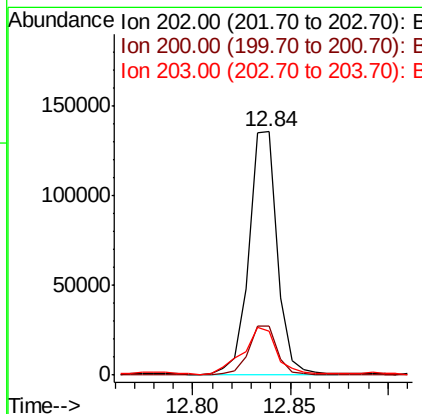
RT: 12.84 min Scan# 1828

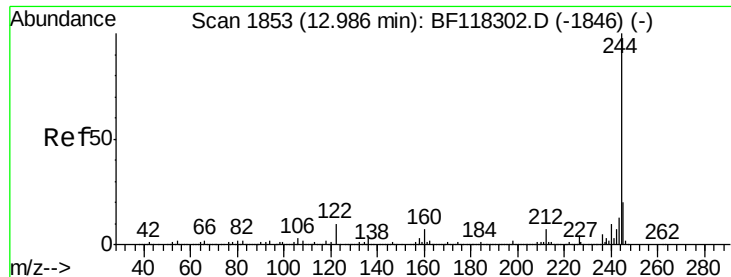
Delta R.T. -0.01 min

Lab File: BF118321.D

Acq: 26 Dec 2019 17:27

Tgt Ion:	202	Resp:	136122
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.8	25.2
203	18.2	13.9	20.9





#79

Terphenyl-d14

Concen: 62.951 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF118321.D

Acq: 26 Dec 2019 17:27

Instrument :

BNA_F

ClientSampleId :

GP-3-(1-3)

Tot Ion:244 Resp: 1079785

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

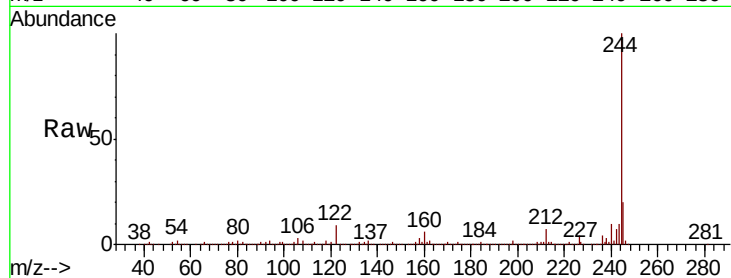
122 9.1 7.8 11.8

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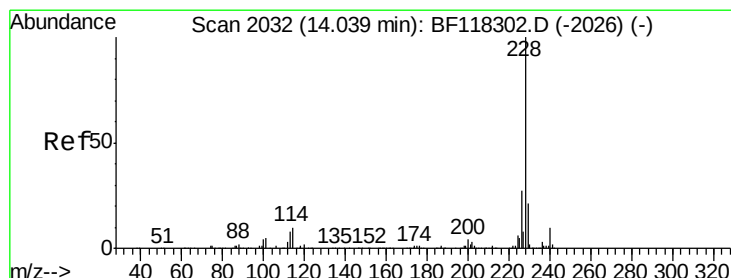
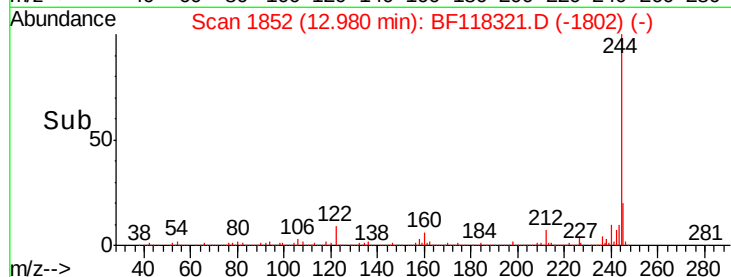
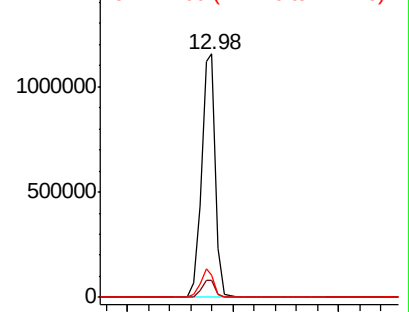


Abundance

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



#81

Benzo(a)anthracene

Concen: 3.570 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF118321.D

Acq: 26 Dec 2019 17:27

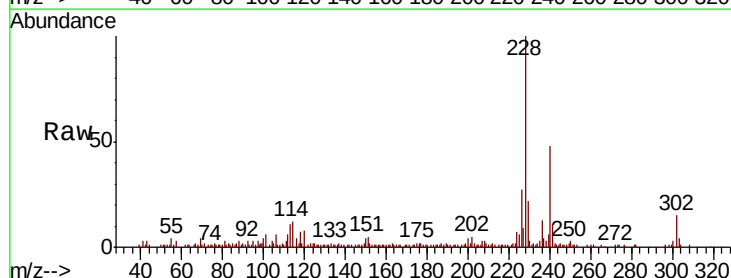
Tgt Ion:228 Resp: 71117

Ion Ratio Lower Upper

228 100

226 27.3 22.0 33.0

229 22.2 16.6 24.8

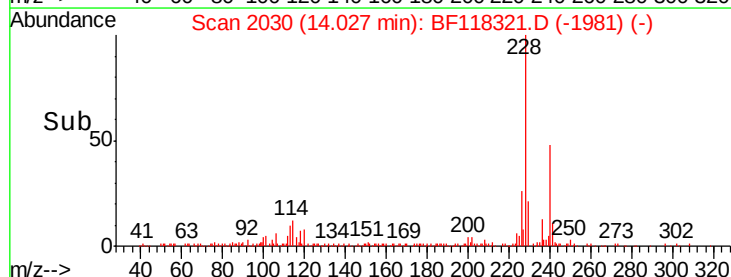
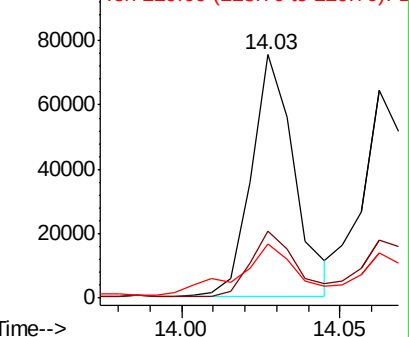


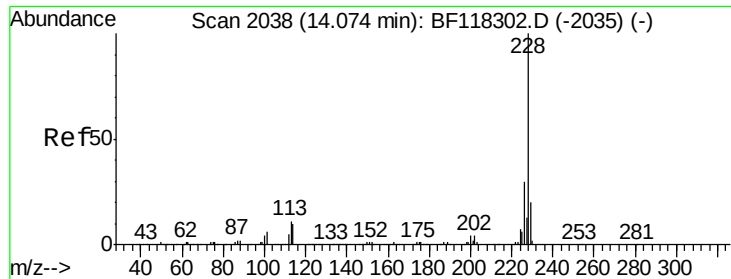
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





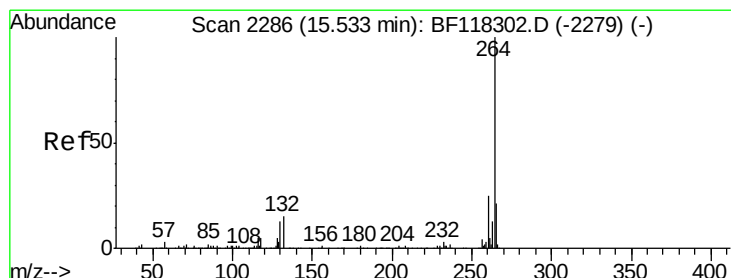
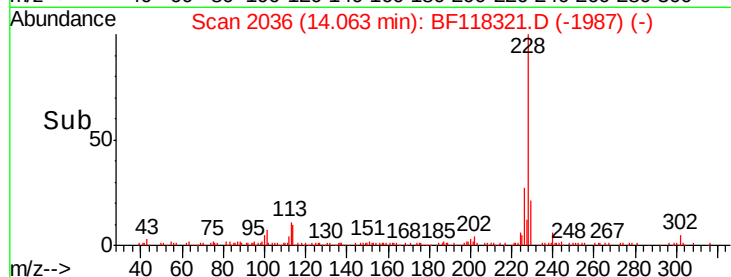
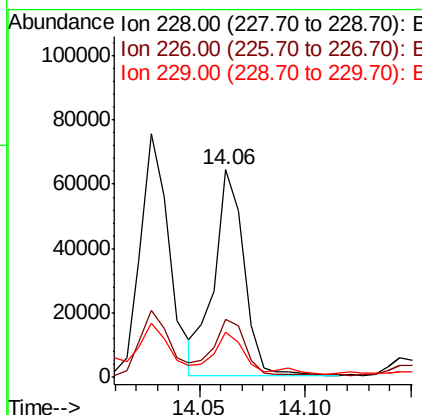
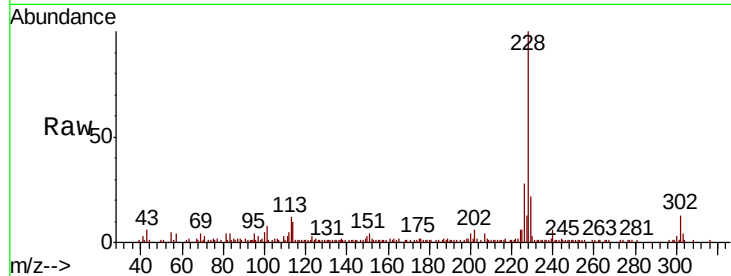
#83
Chrysene
Concen: 3.292 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF118321.D
Acq: 26 Dec 2019 17:27

Instrument :
BNA_F
ClientSampleID :
GP-3-(1-3)

Tot Ion:	228	Resp:	62794
Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.9	35.9
229	21.8	16.1	24.1

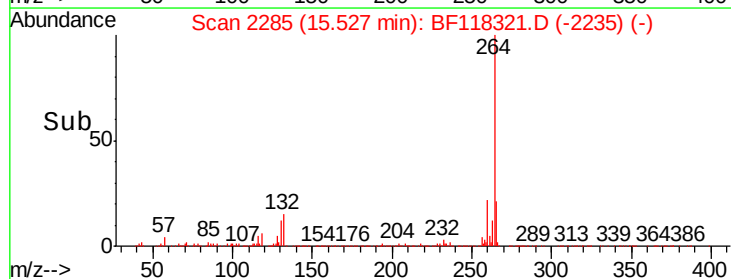
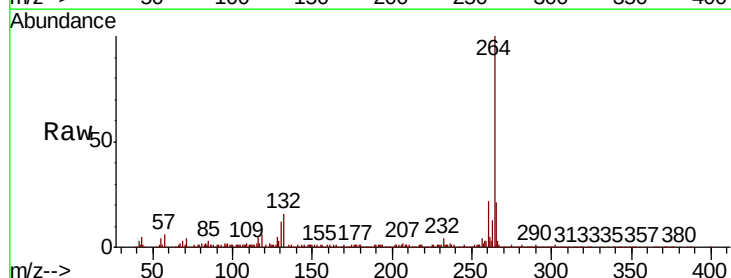
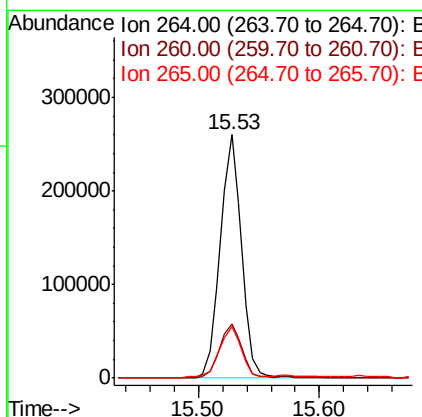
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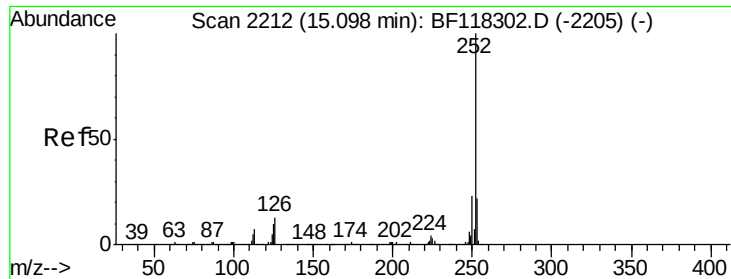
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.01 min
Lab File: BF118321.D
Acq: 26 Dec 2019 17:27

Tgt Ion:	264	Resp:	314670
Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.8	29.6
265	21.3	17.0	25.4





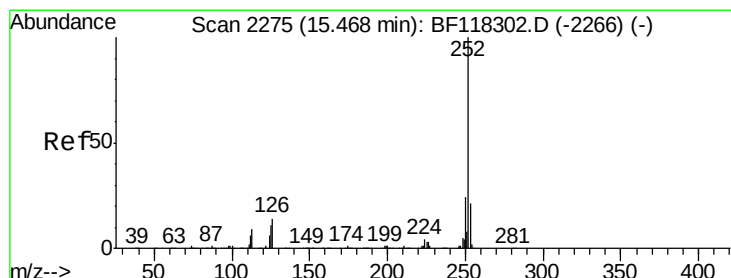
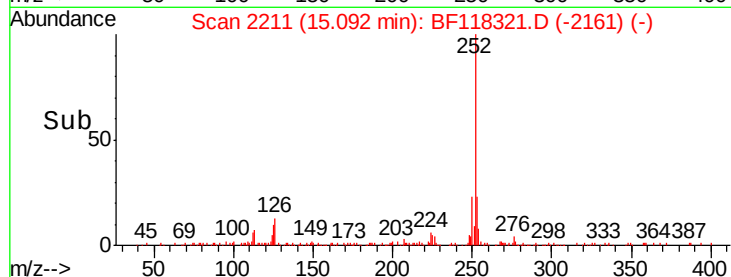
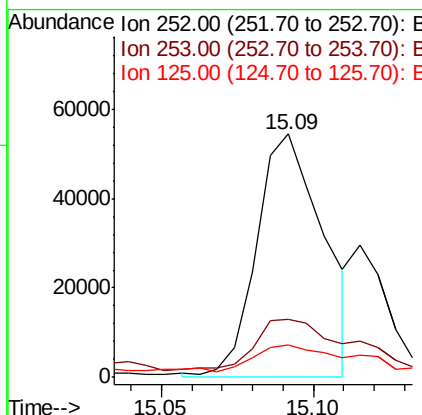
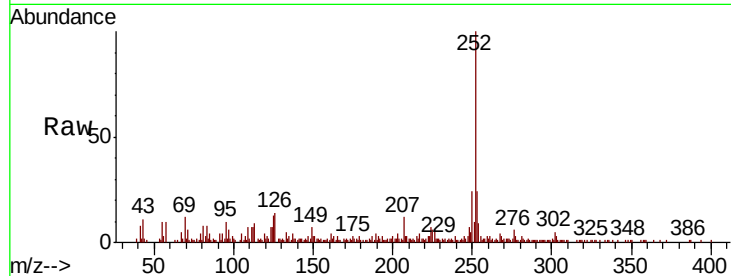
#88
Benzo(b)fluoranthene
Concen: 3.978 ng m
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF118321.D
Acq: 26 Dec 2019 17:27

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.5	26.3
125	13.1	7.7	11.5

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#90
Benzo(a)pyrene
Concen: 3.129 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF118321.D
Acq: 26 Dec 2019 17:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.0	25.6
125	14.9	9.0	13.4

