

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
 Data File : BF119011.D
 Acq On : 22 Feb 2020 00:08
 Operator : CG/JU
 Sample : L1626-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-051-B

Manual Integrations
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Quant Time: Feb 24 03:47:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	150024	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	526541	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	250806	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	425132	20.00	ng	0.00
76) Chrysene-d12	13.90	240	354628	20.00	ng	0.00
87) Perylene-d12	15.33	264	314844	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	807892	89.99	ng	0.00
7) Phenol-d6	6.40	99	951618	87.16	ng	0.00
23) Nitrobenzene-d5	7.32	82	599887	60.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	258800	78.88	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1077715	63.30	ng	-0.01
79) Terphenyl-d14	12.85	244	1143785	55.53	ng	0.00
Target Compounds						
10) Phenol	6.41	94	24729	2.095	ng	85
50) Dimethylphthalate	9.50	163	112325	5.857	ng	100
71) Phenanthrene	11.29	178	124617	5.375	ng	98
75) Fluoranthene	12.48	202	199389	8.102	ng	99
78) Pyrene	12.71	202	177871	6.246	ng	98
81) Benzo(a)anthracene	13.90	228	98369	4.071	ng	96
83) Chrysene	13.93	228	92299	3.834	ng	95
88) Benzo(b)fluoranthene	14.93	252	115352m	5.558	ng	
90) Benzo(a)pyrene	15.27	252	73964	3.949	ng	# 93
92) Benzo(g,h,i)perylene	17.16	276	38321	2.353	ng	# 91

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

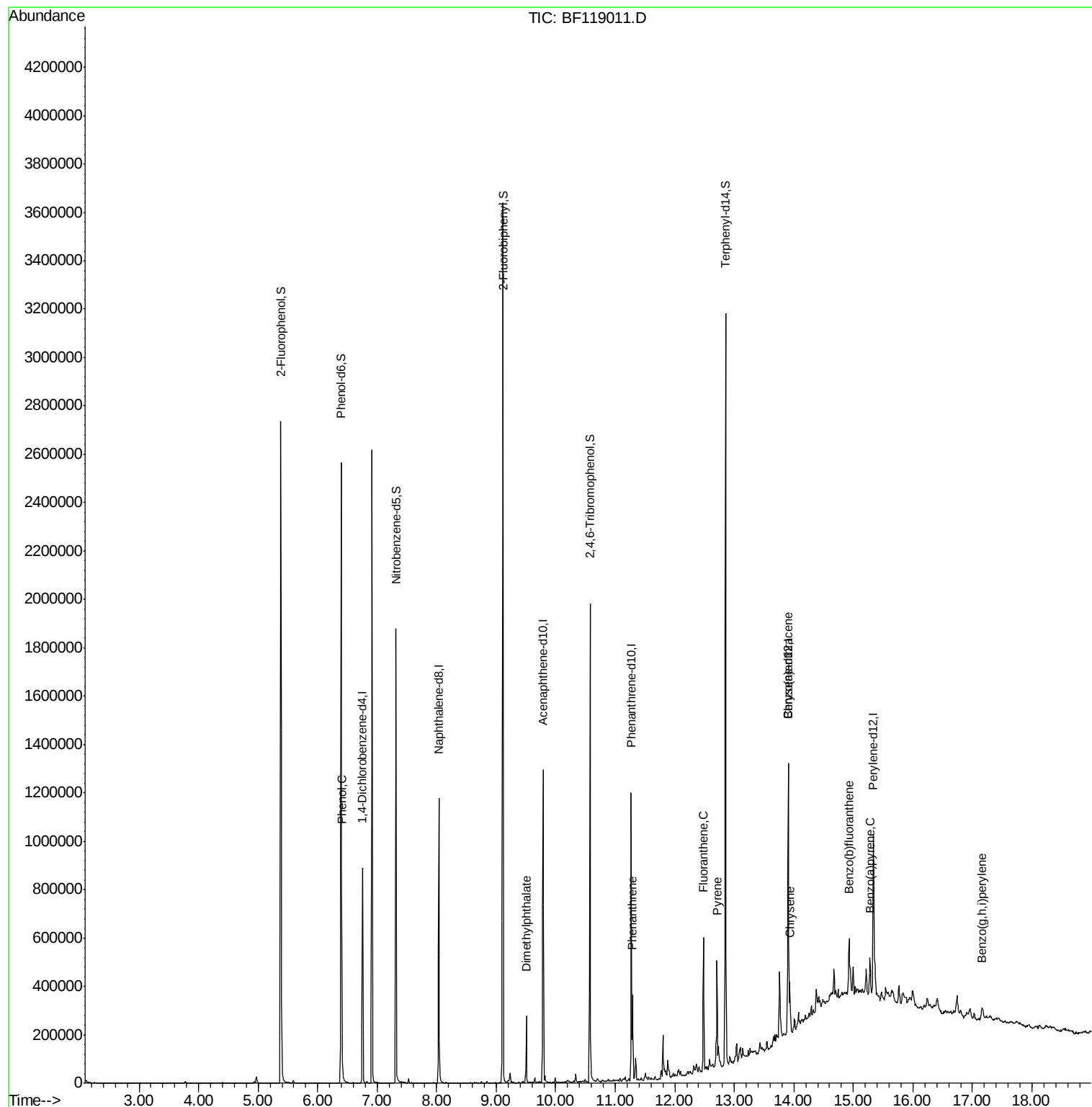
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
Data File : BF119011.D
Acq On : 22 Feb 2020 00:08
Operator : CG/JU
Sample : L1626-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

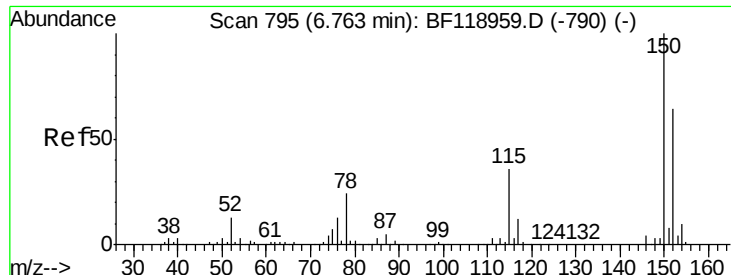
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-051-B

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Quant Time: Feb 24 03:47:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

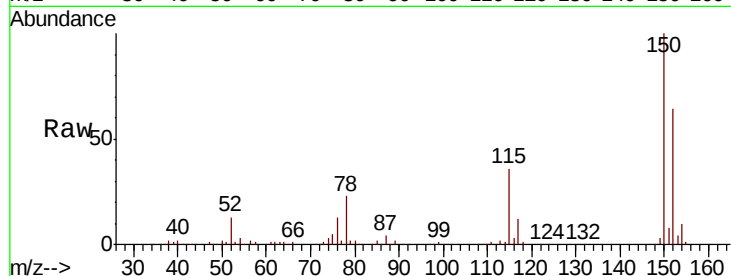
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF119011.D
Acq: 22 Feb 2020 00:08

Instrument :
BNA_F
ClientSampled :
FK-GF-02-051-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.3	186.5
115	56.1	44.6	67.0

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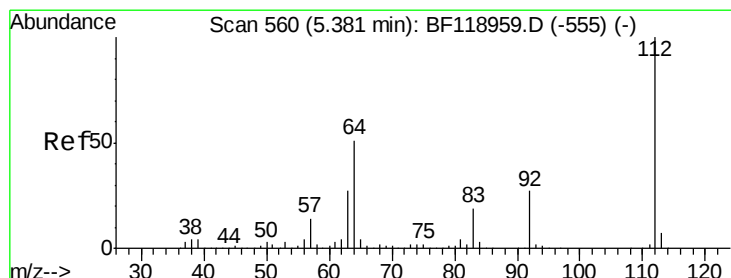
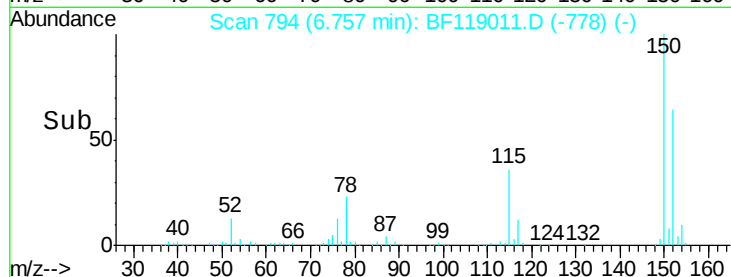
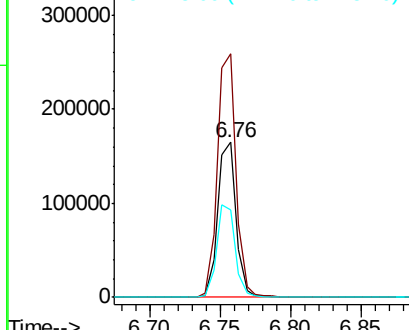


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

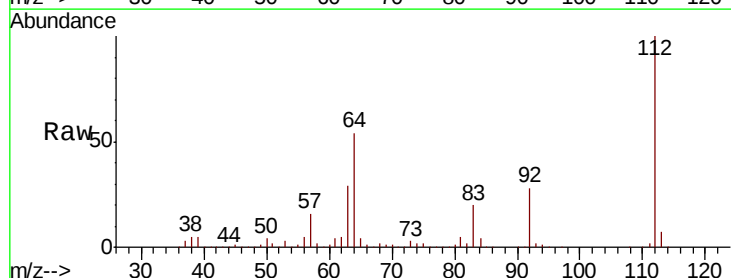
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 89.994 ng
RT: 5.38 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF119011.D
Acq: 22 Feb 2020 00:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	40.4	60.6
63	28.6	21.3	31.9

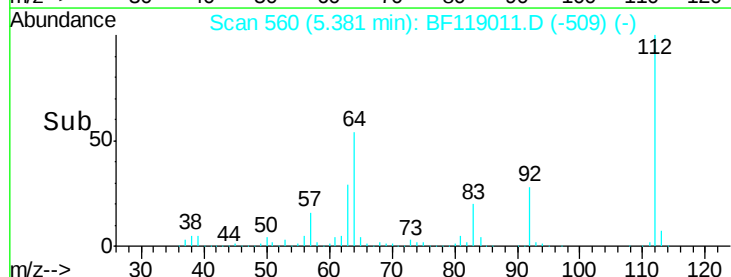
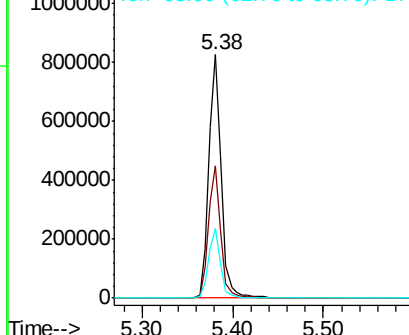


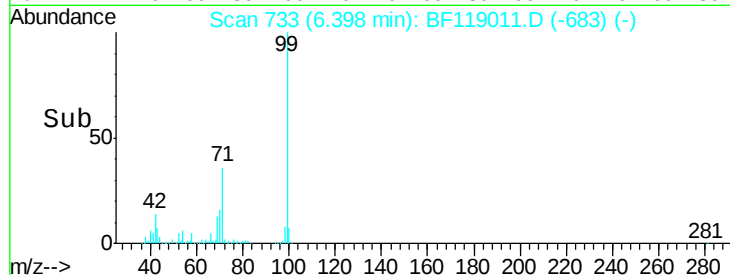
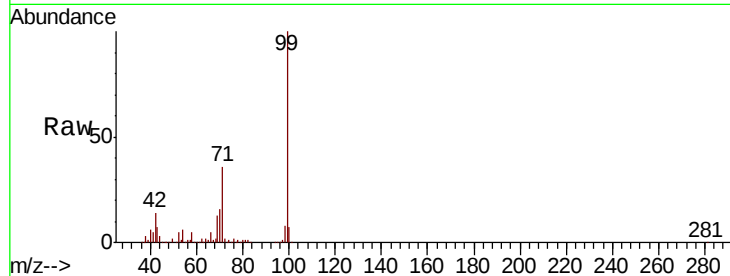
Abundance

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: 87.162 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119011.D

Acq: 22 Feb 2020 00:08

Tot Ion:	99	Resp:	951618
Ion Ratio	Lower	Upper	
99	100		
42	13.7	11.4	17.0
71	36.4	29.8	44.6

Instrument :

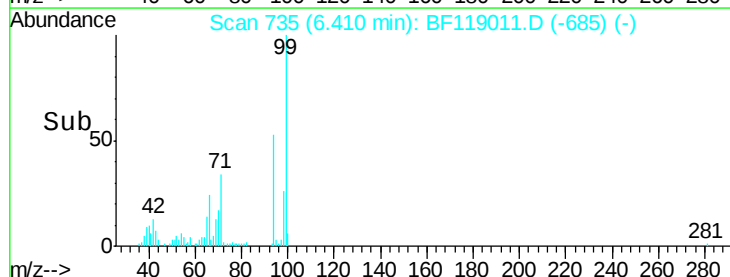
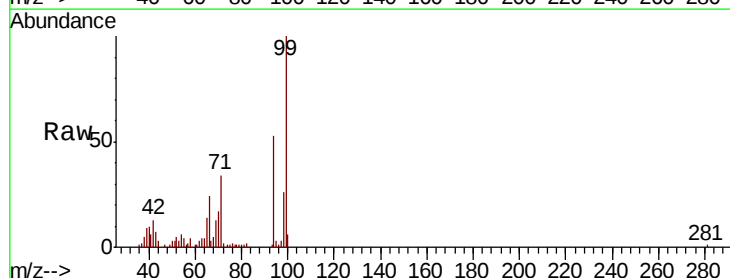
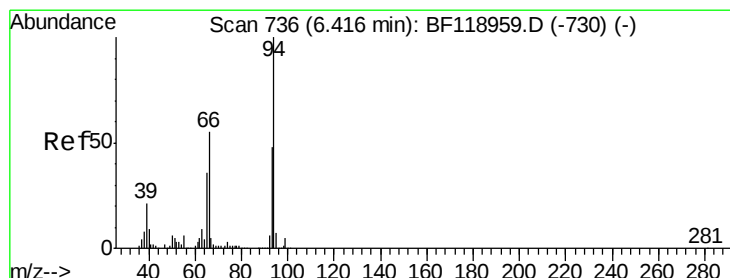
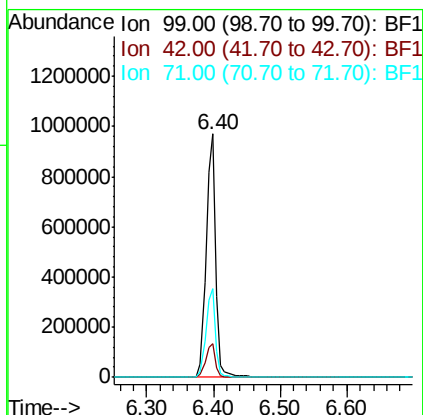
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ClientSampleId :

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#10

Phenol

Concen: 2.095 ng

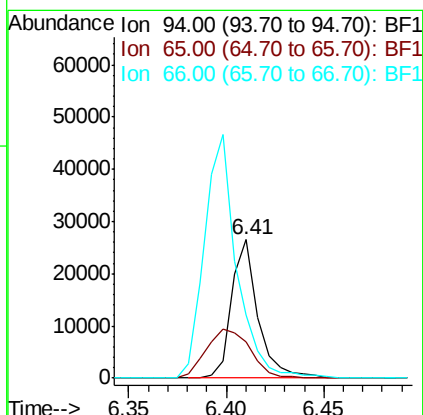
RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF119011.D

Acq: 22 Feb 2020 00:08

Tgt Ion:	94	Resp:	24729
Ion Ratio	Lower	Upper	
94	100		
65	26.0	15.5	55.5
66	45.4	35.6	75.6





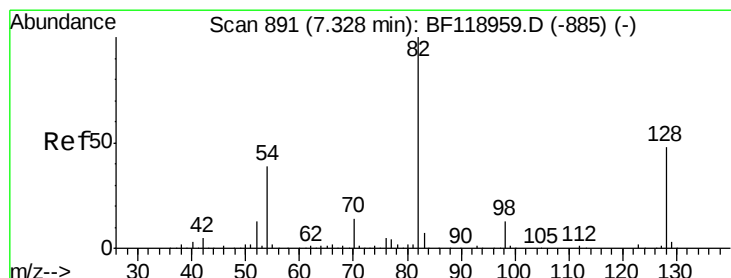
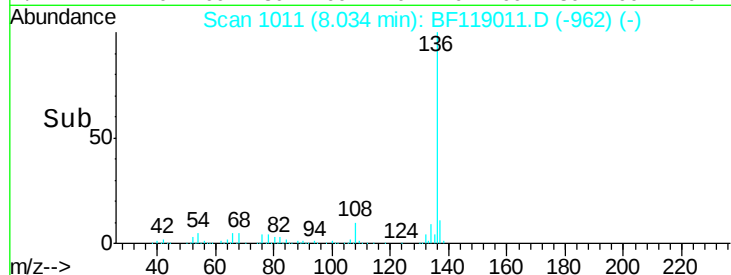
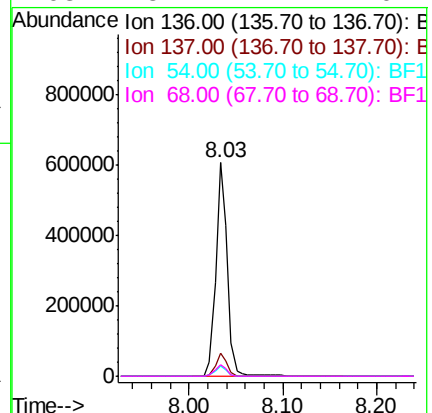
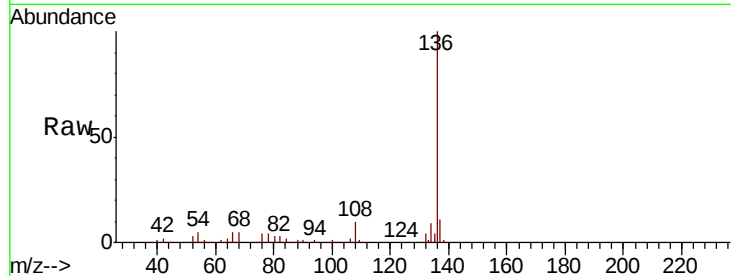
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF119011.D
Acq: 22 Feb 2020 00:08

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-051-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		526541		
137	11.0	8.9	13.3		
54	5.0	3.8	5.6		
68	5.4	4.2	6.2		

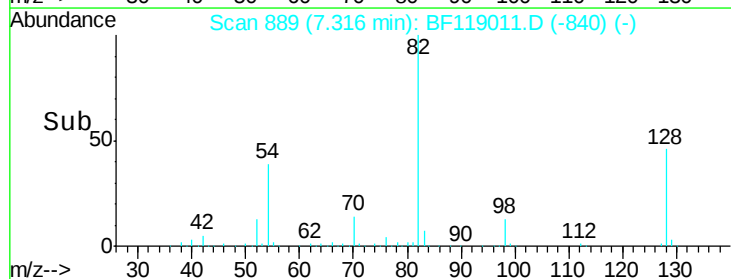
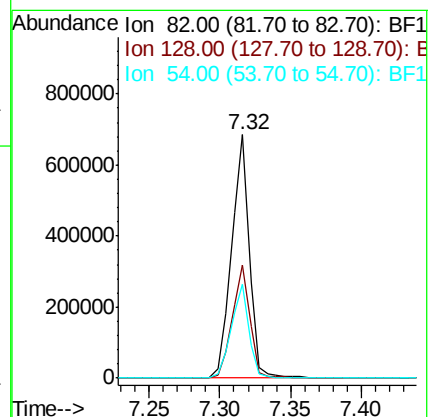
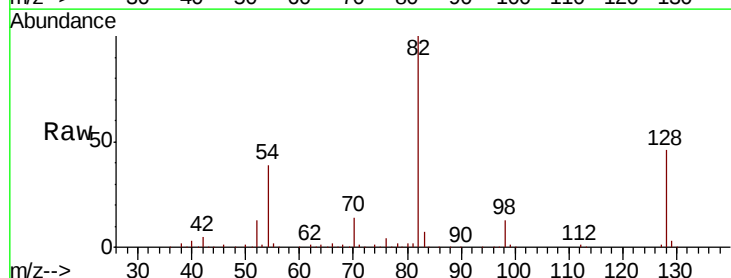
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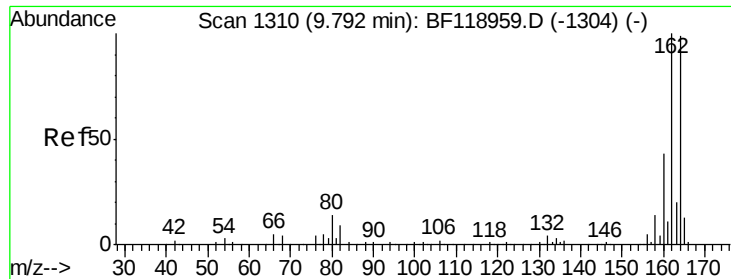
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#23
Nitrobenzene-d5
Concen: 60.155 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF119011.D
Acq: 22 Feb 2020 00:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		599887		
128	46.5	38.2	57.2		
54	38.5	31.3	46.9		





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF119011.D

Acq: 22 Feb 2020 00:08

Instrument :

BNA_F

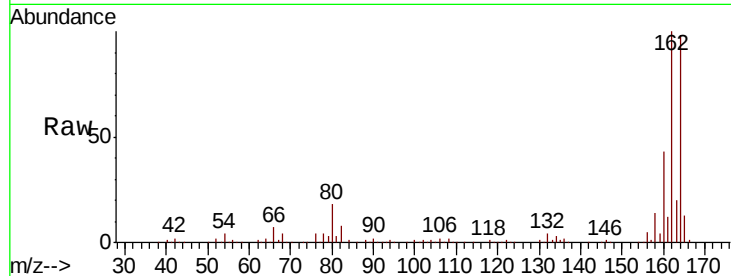
ClientSampleId :

FK-GF-02-051-B

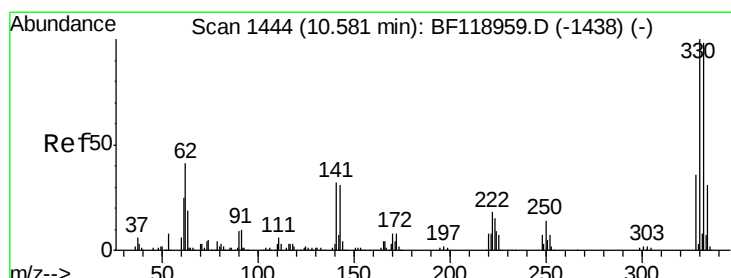
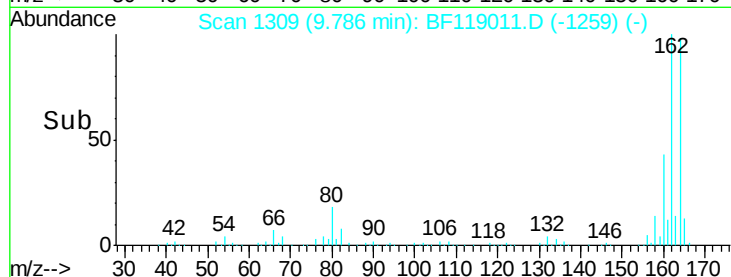
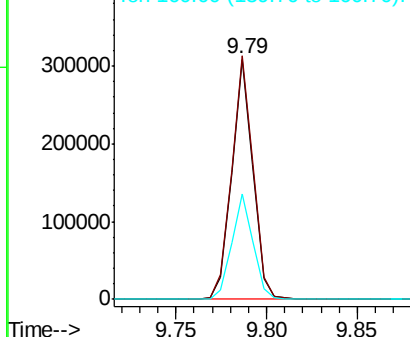
Tot Ion:	164	Resp:	250806
Ion Ratio	Lower	Upper	
164	100		
162	101.5	81.2	121.8
160	43.8	35.2	52.8

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 78.879 ng

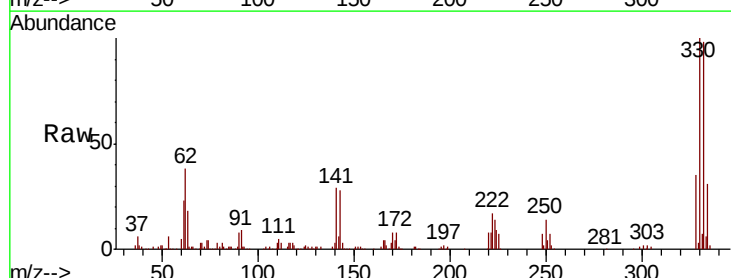
RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

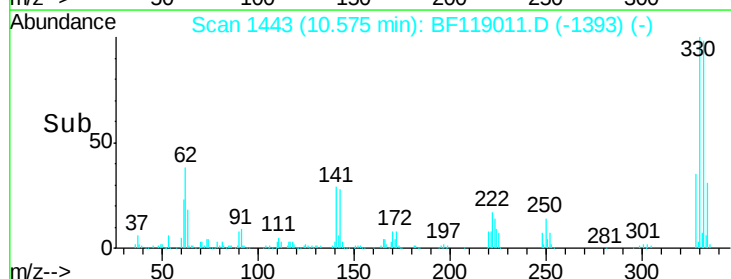
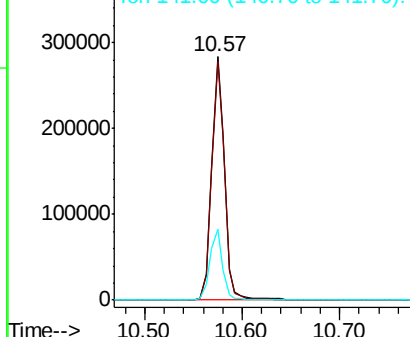
Lab File: BF119011.D

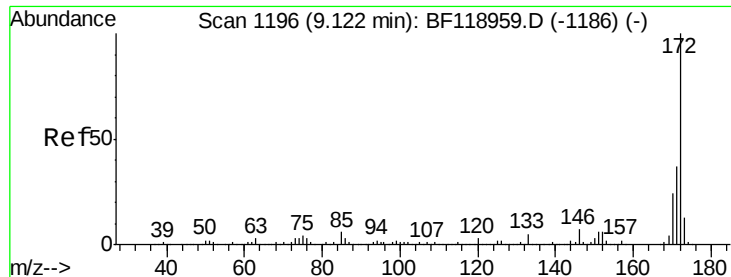
Acq: 22 Feb 2020 00:08

Tgt Ion:	330	Resp:	258800
Ion Ratio	Lower	Upper	
330	100		
332	97.7	77.1	115.7
141	28.5	23.0	34.6



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





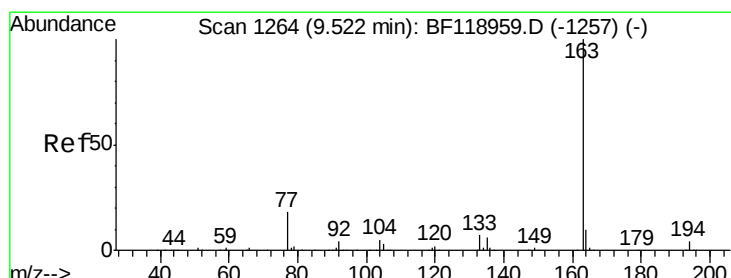
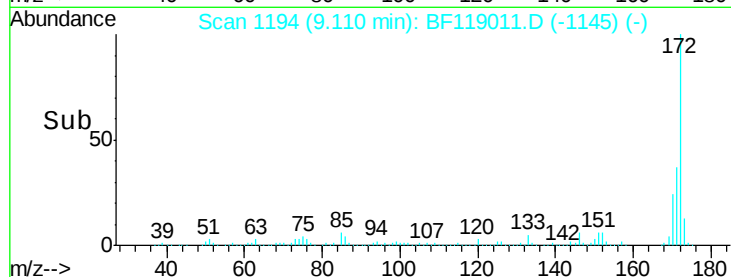
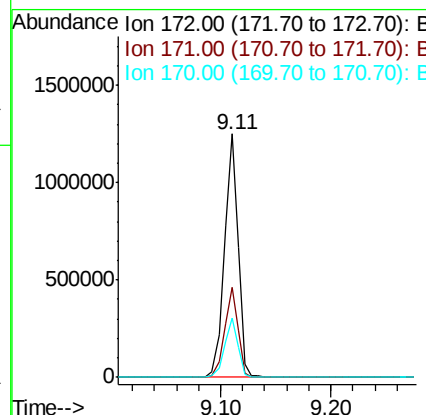
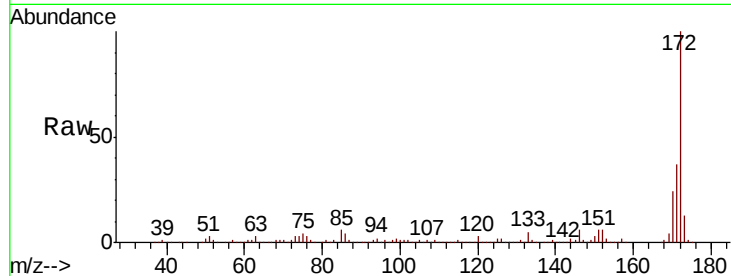
#45
2-Fluorobiphenyl
Concen: 63.302 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF119011.D
Acq: 22 Feb 2020 00:08

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-051-B

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.2
170	24.1	19.6	29.4

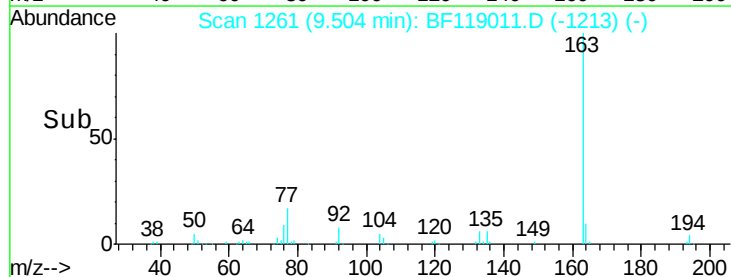
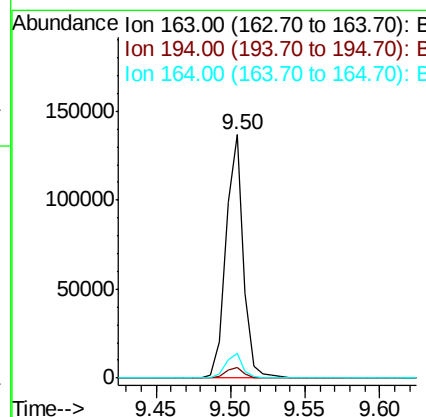
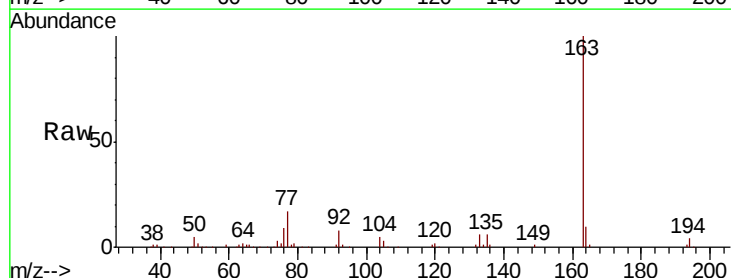
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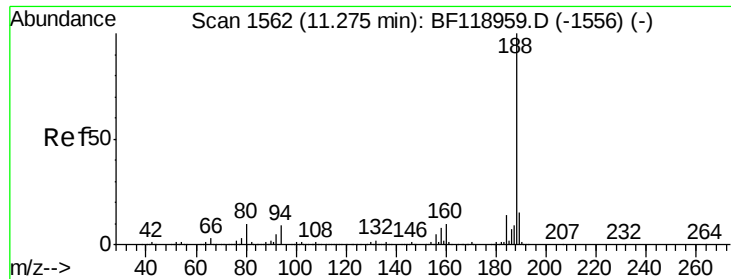
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#50
Dimethylphthalate
Concen: 5.857 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF119011.D
Acq: 22 Feb 2020 00:08

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.2	8.2	12.2





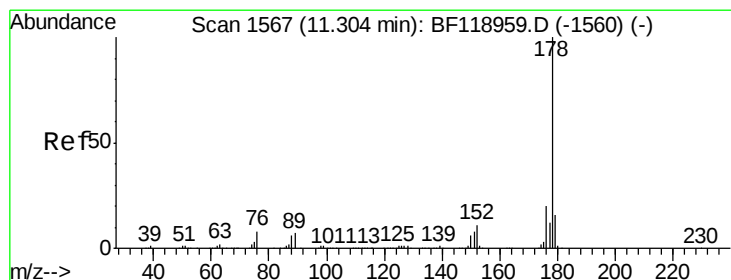
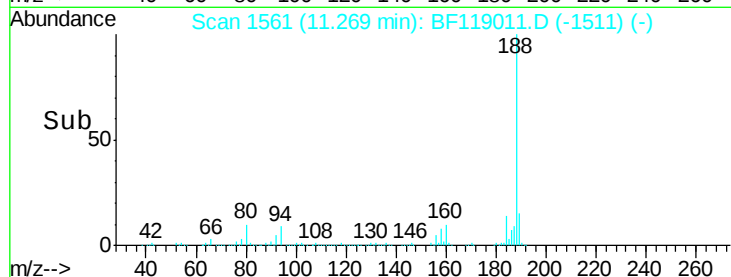
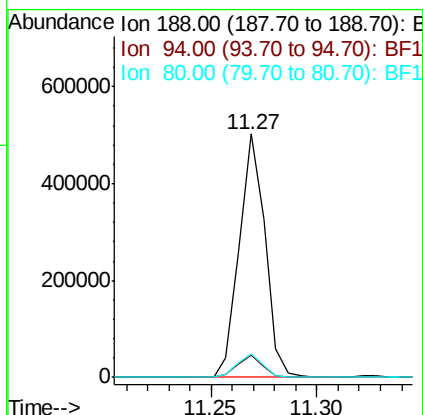
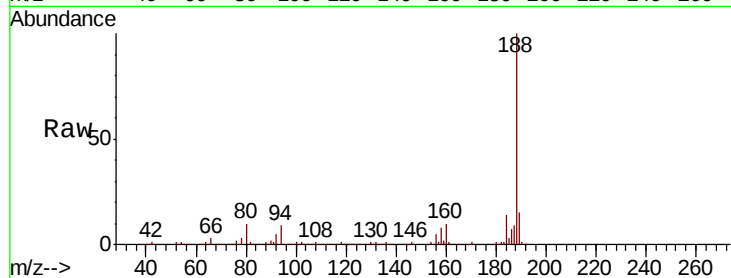
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF119011.D
Acq: 22 Feb 2020 00:08

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-051-B

Tot Ion	Ratio	Resp	Lower	Upper
188	100	425132		
94	8.9	7.0	10.6	
80	9.5	7.9	11.9	

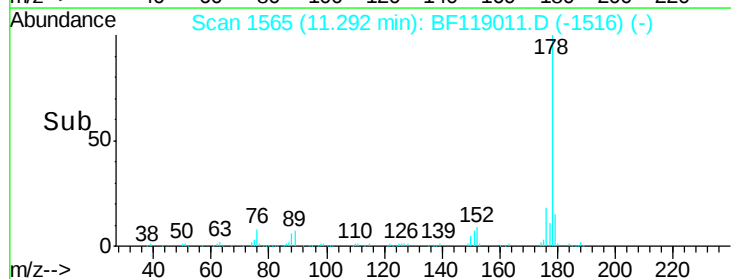
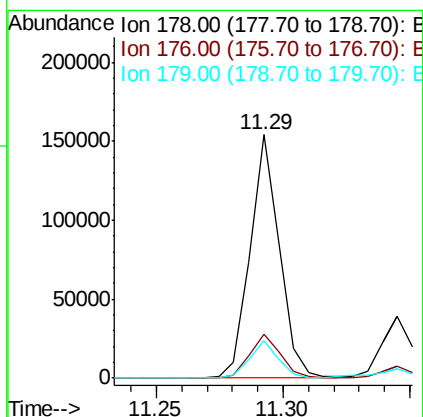
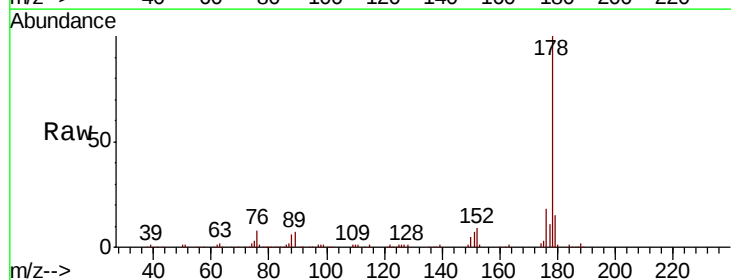
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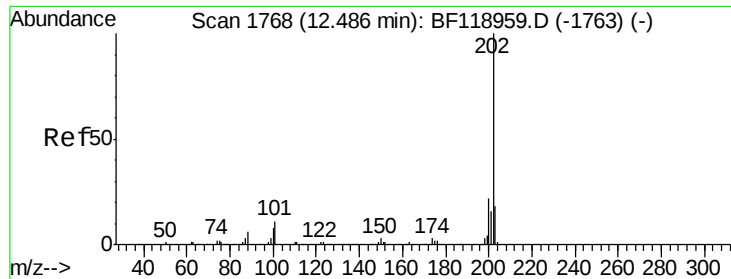
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#71
Phenanthrene
Concen: 5.375 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF119011.D
Acq: 22 Feb 2020 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	124617		
176	18.1	15.6	23.4	
179	15.2	12.6	18.8	





#75

Fluoranthene

Concen: 8.102 ng

RT: 12.48 min Scan# 1767

Delta R.T. -0.01 min

Lab File: BF119011.D

Acq: 22 Feb 2020 00:08

Instrument :

BNA_F

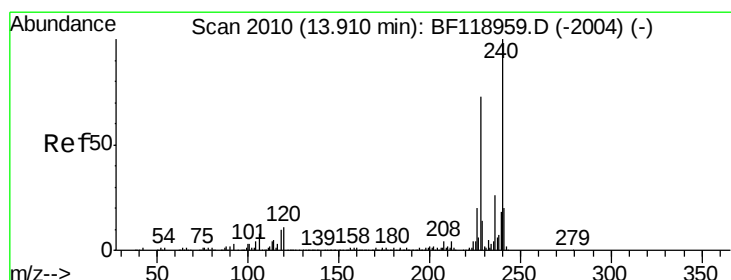
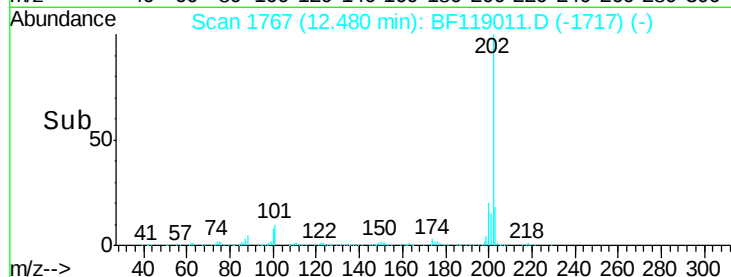
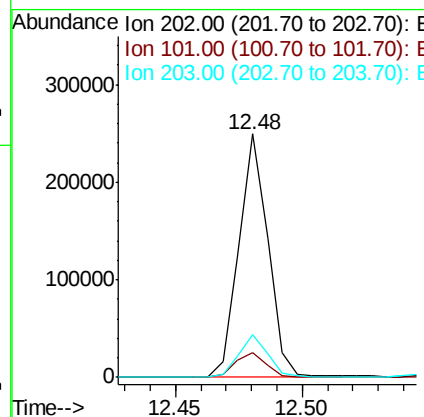
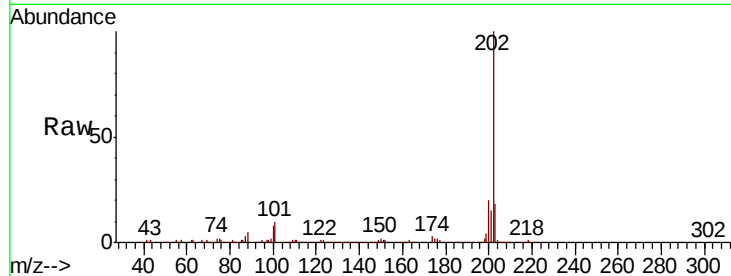
ClientSampleId :

FK-GF-02-051-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		199389		
101	10.3	0.0	31.1		
203	17.7	0.0	38.1		

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#76

Chrysene-d12

Concen: 20.000 ng

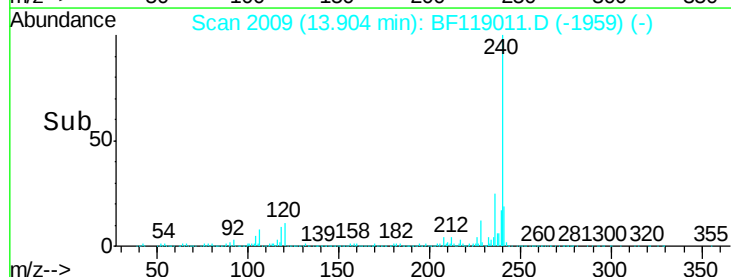
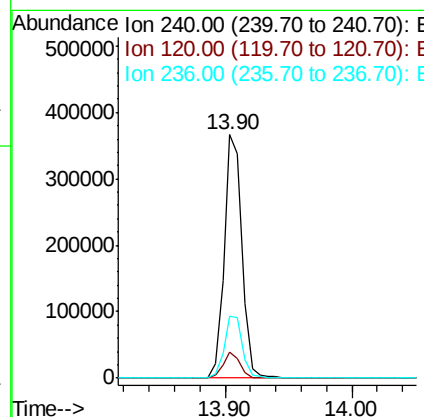
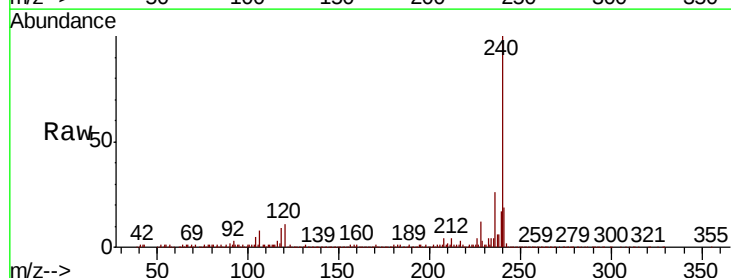
RT: 13.90 min Scan# 2009

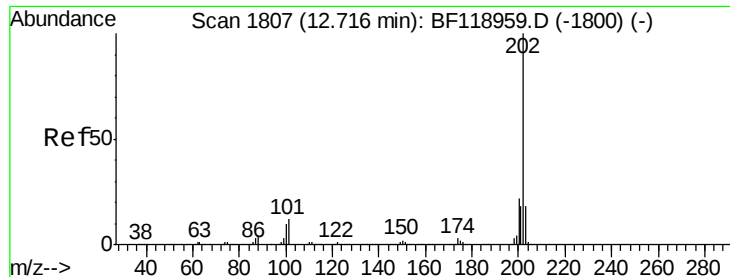
Delta R.T. -0.01 min

Lab File: BF119011.D

Acq: 22 Feb 2020 00:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		354628		
120	10.8	8.9	13.3		
236	25.6	20.6	30.8		





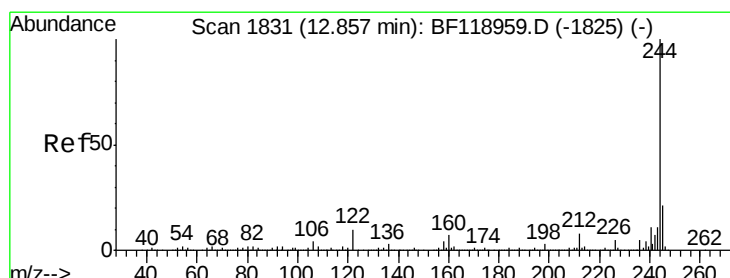
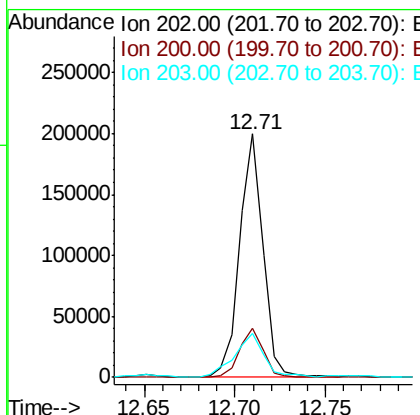
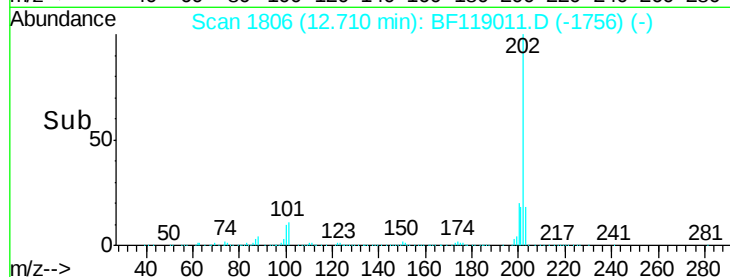
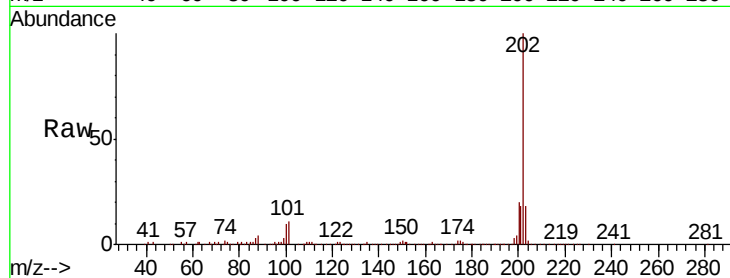
#78
Pvrene
Concen: 6.246 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BF119011.D
Acq: 22 Feb 2020 00:08

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-051-B

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.4	26.0
203	18.2	14.5	21.7

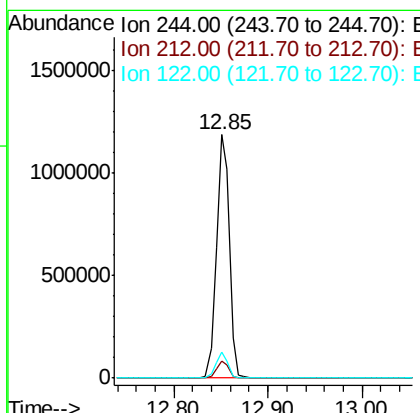
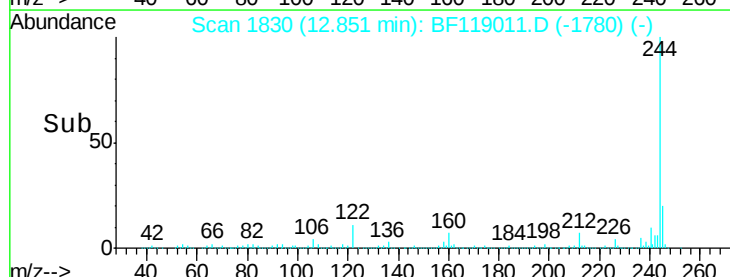
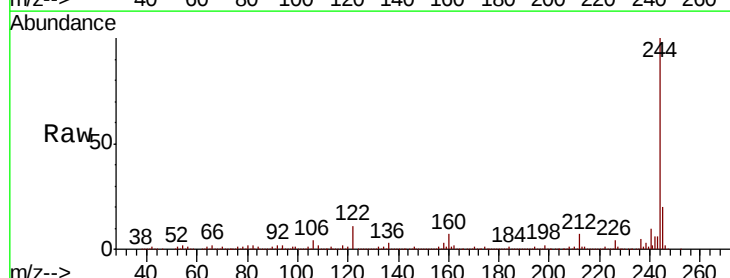
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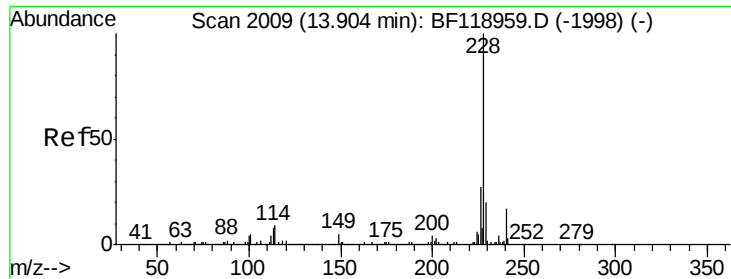
mohammad
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#79
Terphenyl-d14
Concen: 55.529 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF119011.D
Acq: 22 Feb 2020 00:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.3	9.5
122	10.7	8.4	12.6





#81

Benzo(a)anthracene

Concen: 4.071 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF119011.D

Acq: 22 Feb 2020 00:08

Instrument :

BNA_F

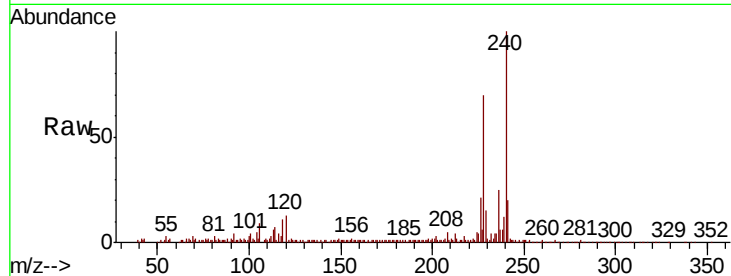
ClientSampleId :

FK-GF-02-051-B

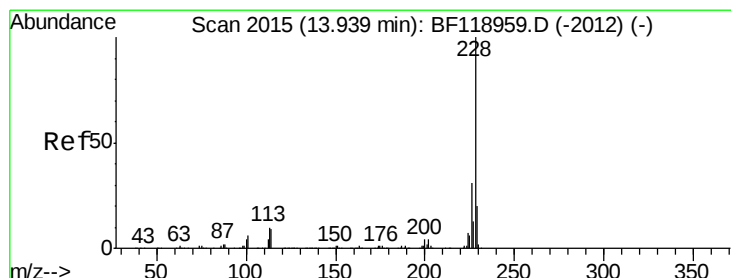
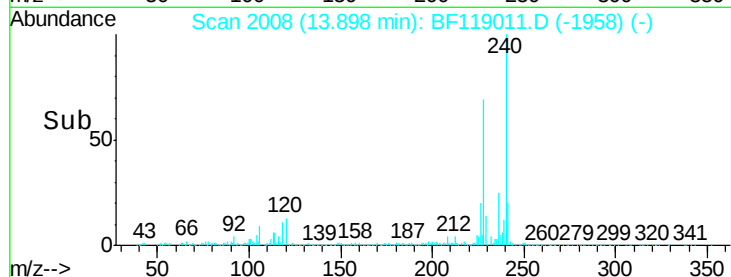
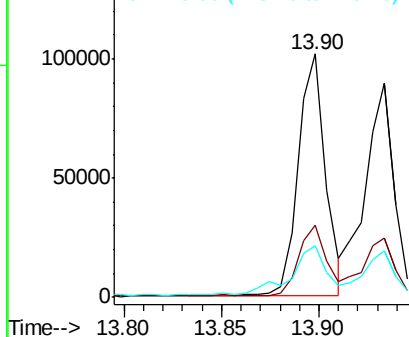
Tot Ion:	228	Resp:	98369
Ion Ratio	Lower	Upper	
228	100		
226	29.8	21.8	32.8
229	21.1	16.0	24.0

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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: 3.834 ng

RT: 13.93 min Scan# 2014

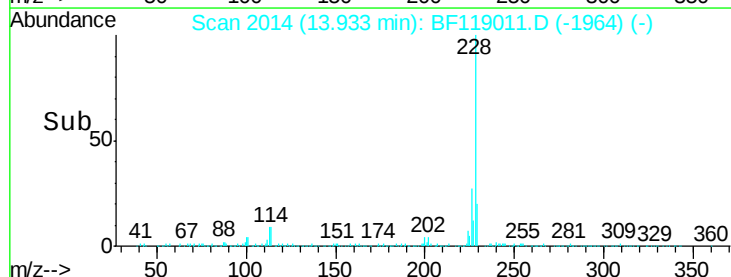
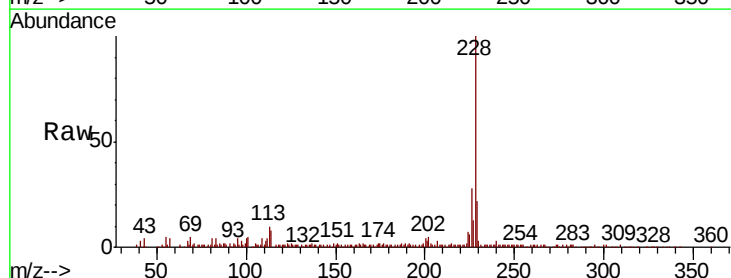
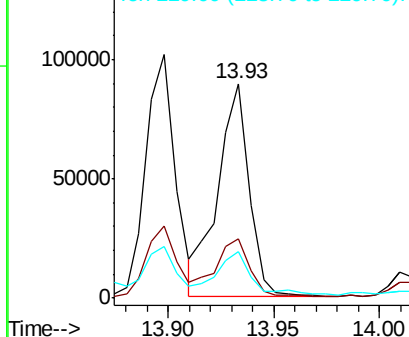
Delta R.T. -0.01 min

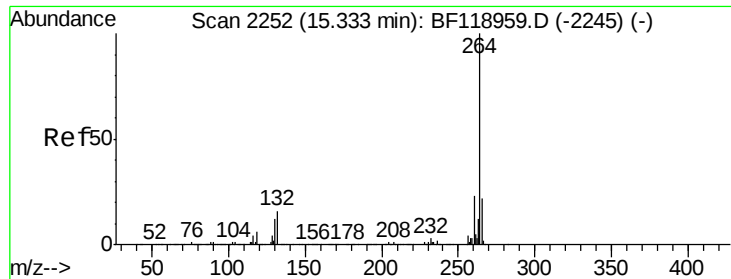
Lab File: BF119011.D

Acq: 22 Feb 2020 00:08

Tgt Ion:	228	Resp:	92299
Ion Ratio	Lower	Upper	
228	100		
226	27.5	24.6	37.0
229	21.6	16.2	24.2

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





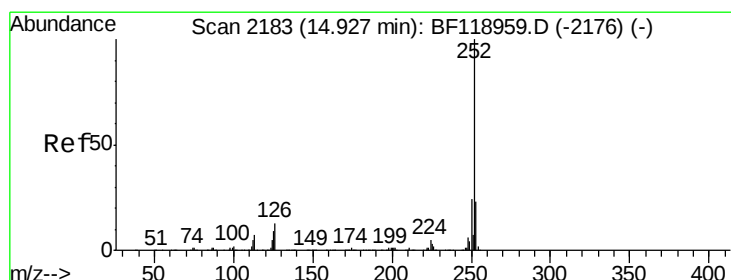
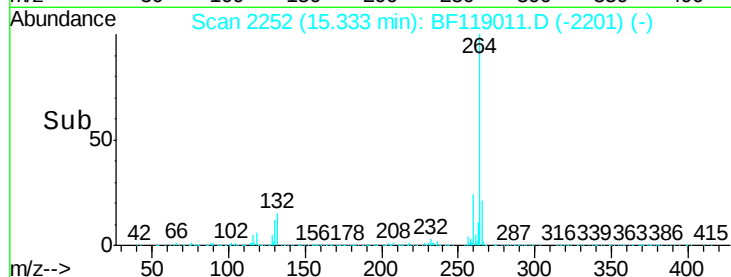
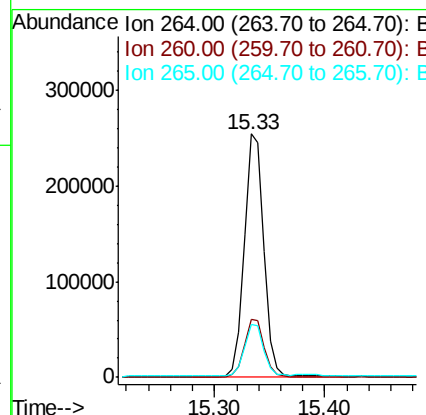
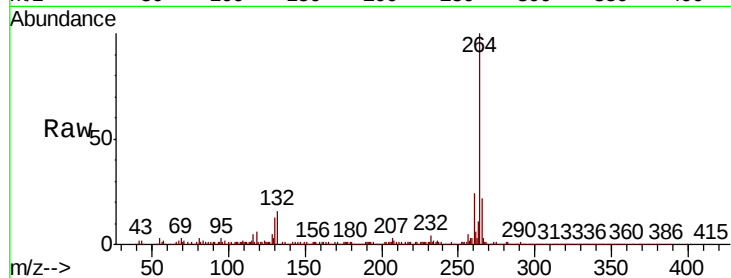
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.00 min
Lab File: BF119011.D
Acq: 22 Feb 2020 00:08

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-051-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	21.5	17.3	25.9

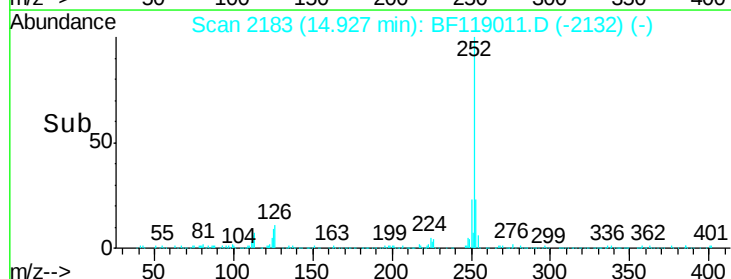
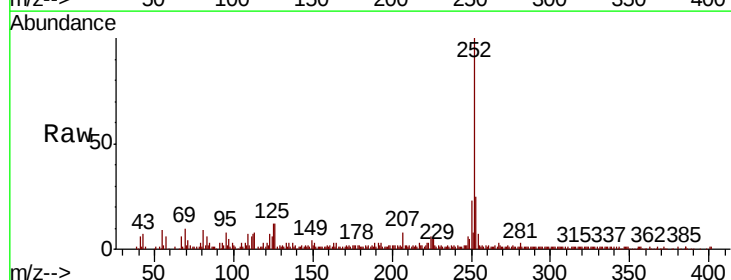
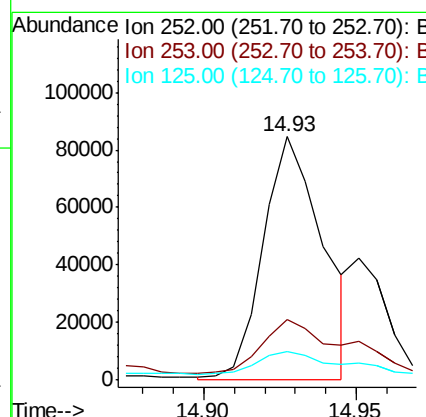
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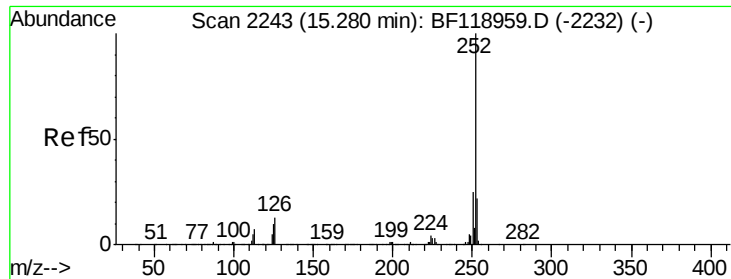
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#88
Benzo(b)fluoranthene
Concen: 5.558 ng m
RT: 14.93 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BF119011.D
Acq: 22 Feb 2020 00:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.2	27.2
125	11.8	7.4	11.0





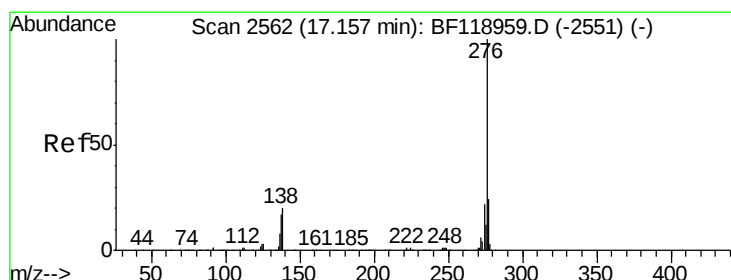
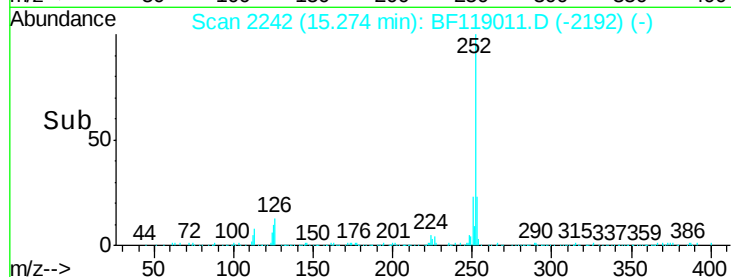
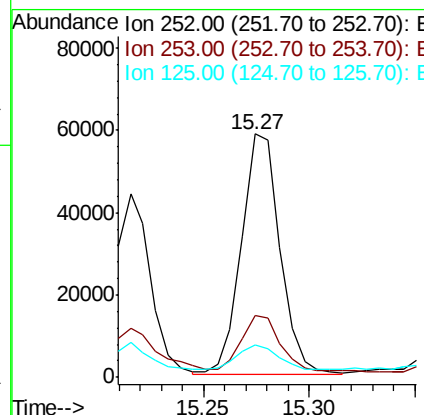
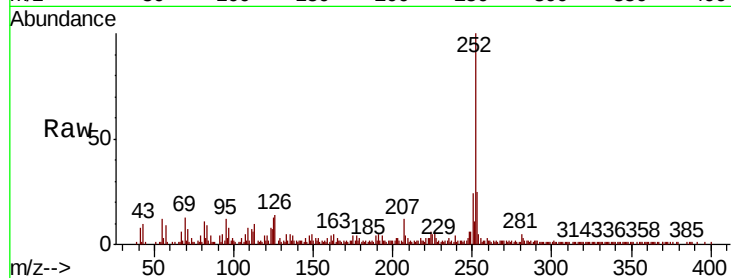
#90
Benzo(a)pyrene
Concen: 3.949 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF119011.D
Acq: 22 Feb 2020 00:08

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-051-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.9	26.9
125	13.2	7.8	11.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.353 ng
RT: 17.16 min Scan# 2563
Delta R.T. 0.01 min
Lab File: BF119011.D
Acq: 22 Feb 2020 00:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.8	19.2	28.8
138	25.2	16.2	24.4

