

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
 Data File : BF119010.D
 Acq On : 21 Feb 2020 23:39
 Operator : CG/JU
 Sample : L1626-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Feb 24 03:43:16 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	6.75	152	142139	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	489792	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	231136	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	403531	20.00	ng	0.00
76) Chrysene-d12	13.91	240	340401	20.00	ng	0.00
87) Perylene-d12	15.33	264	291710	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	813327	95.63	ng	0.00
7) Phenol-d6	6.40	99	923307	89.26	ng	0.00
23) Nitrobenzene-d5	7.32	82	596707	64.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	257888	85.29	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1043094	66.48	ng	-0.01
79) Terphenyl-d14	12.85	244	1148501	58.09	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.50	163	105923	5.993	ng	99
71) Phenanthrene	11.29	178	131936	5.995	ng	98
75) Fluoranthene	12.48	202	196758	8.423	ng	99
78) Pyrene	12.71	202	210640	7.706	ng	100
81) Benzo(a)anthracene	13.90	228	107526	4.636	ng	95
83) Chrysene	13.93	228	103766	4.490	ng	96
88) Benzo(b)fluoranthene	14.93	252	115187m	5.991	ng	
90) Benzo(a)pyrene	15.27	252	74314	4.282	ng	# 96
92) Benzo(g,h,i)perylene	17.16	276	36950	2.449	ng	93

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

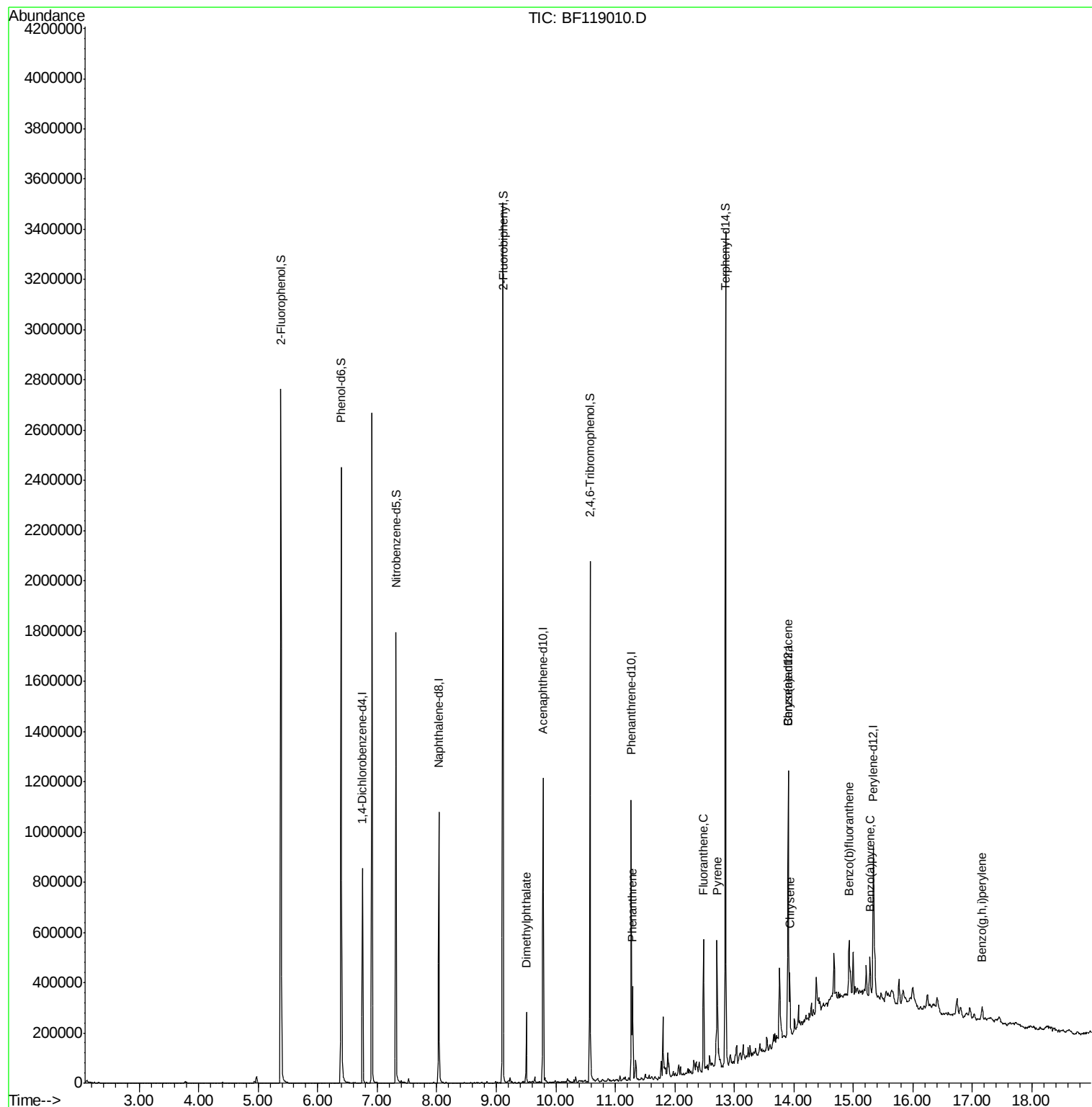
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
Data File : BF119010.D
Acq On : 21 Feb 2020 23:39
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#1

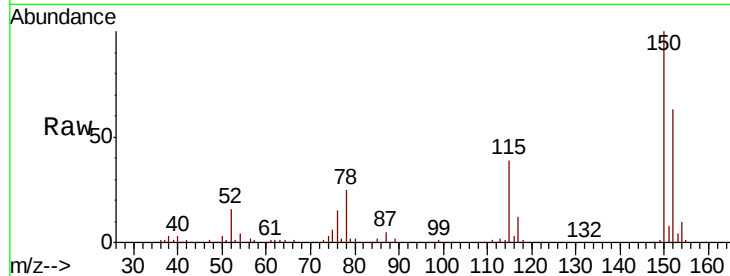
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119010.D
Acq: 21 Feb 2020 23:39

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

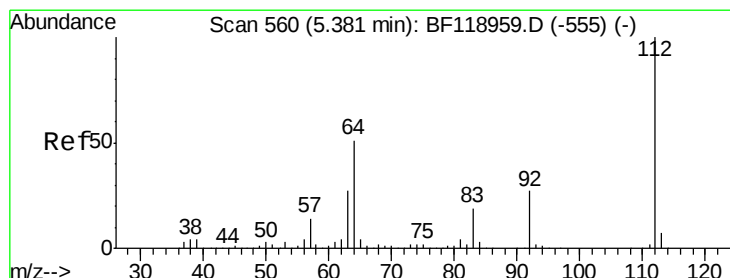
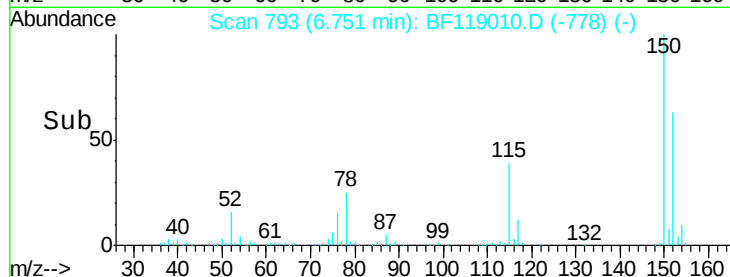
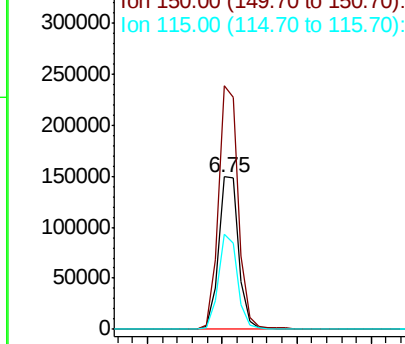
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	124.3	186.5
115	62.7	44.6	67.0

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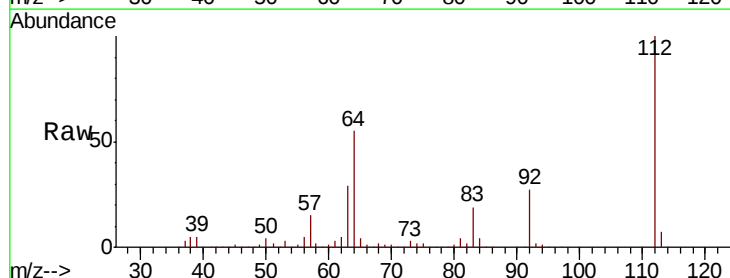
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



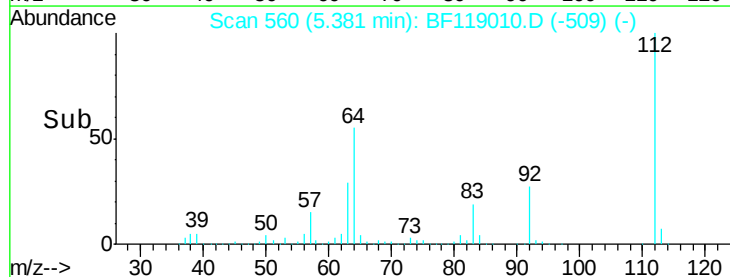
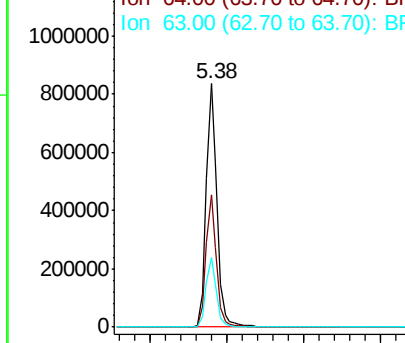
#5

2-Fluorophenol
Concen: 95.626 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF119010.D
Acq: 21 Feb 2020 23:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.5	40.4	60.6
63	28.8	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: 89.260 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119010.D

Acq: 21 Feb 2020 23:39

Instrument :

BNA_F

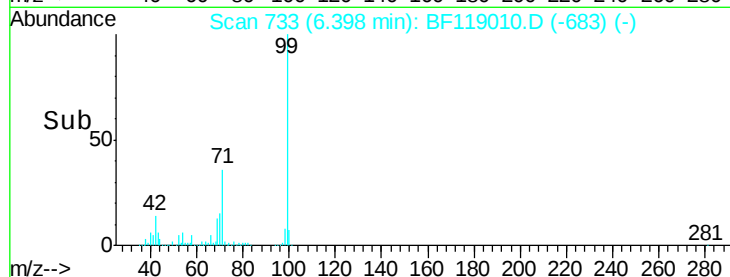
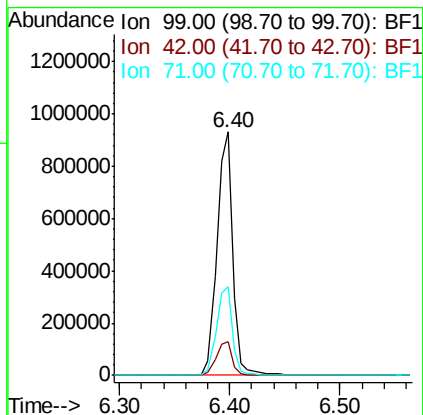
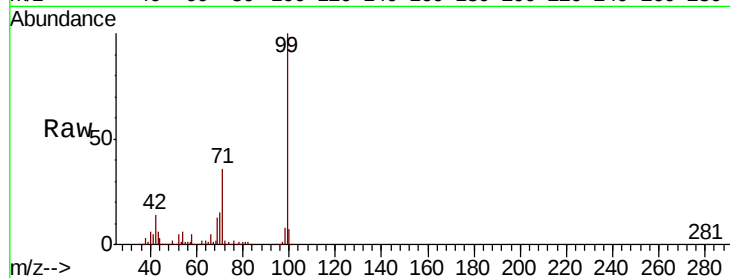
ClientSampleId :

FK-GF-02-051-A

Tot Ion:	99	Resp:	923307
Ion Ratio	Lower	Upper	
99	100		
42	13.8	11.4	17.0
71	36.3	29.8	44.6

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#21

Naphthalene-d8

Concen: 20.000 ng

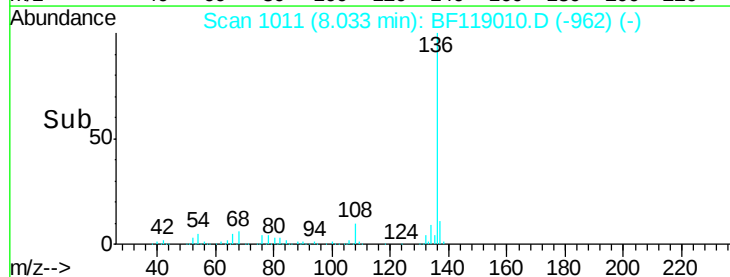
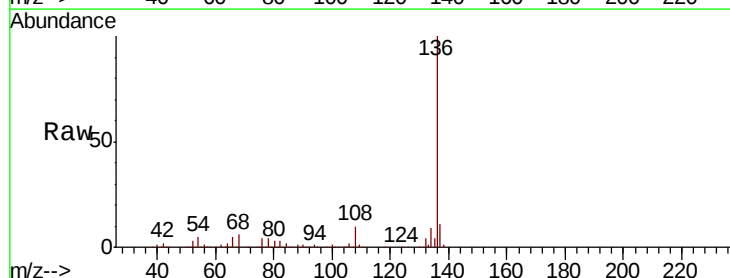
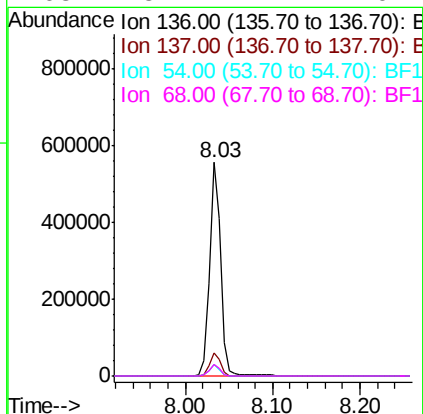
RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF119010.D

Acq: 21 Feb 2020 23:39

Tgt Ion:	136	Resp:	489792
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	5.1	3.8	5.6
68	5.7	4.2	6.2





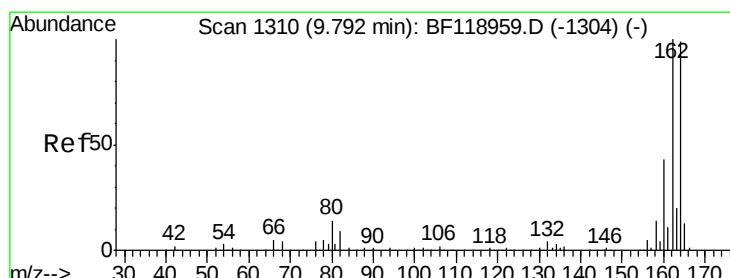
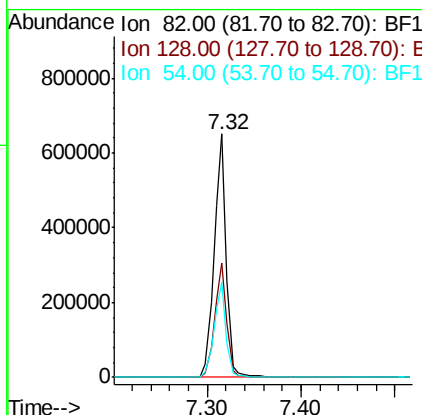
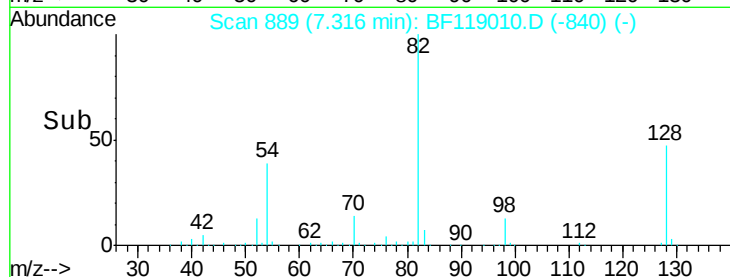
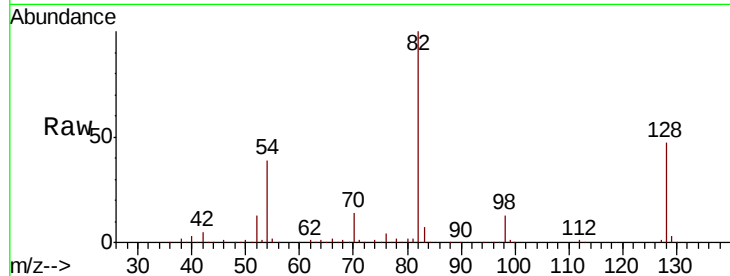
#23
 Nitrobenzene-d5
 Concen: 64.326 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF119010.D
 Acq: 21 Feb 2020 23:39

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

Tot Ion:	82	Resp:	596707
Ion Ratio	Lower	Upper	
82	100		
128	46.8	38.2	57.2
54	39.0	31.3	46.9

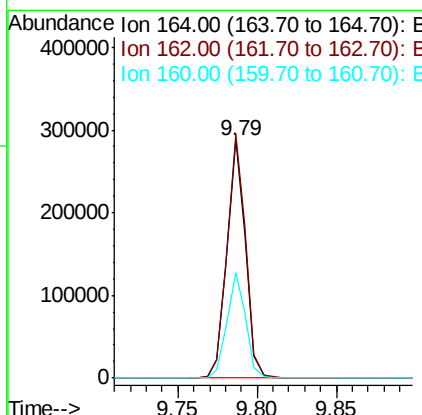
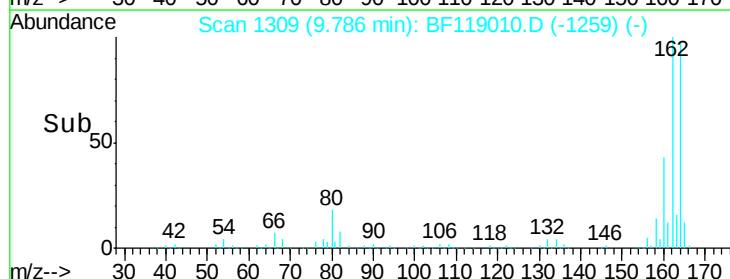
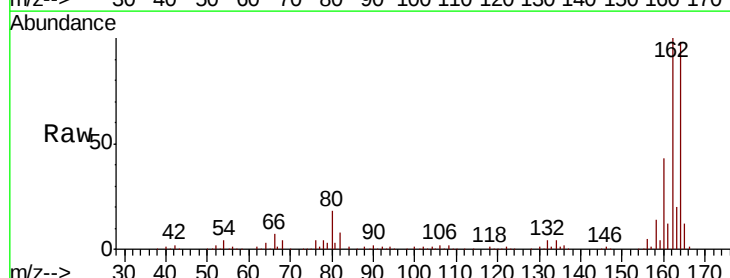
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF119010.D
 Acq: 21 Feb 2020 23:39

Tgt Ion:	164	Resp:	231136
Ion Ratio	Lower	Upper	
164	100		
162	102.2	81.2	121.8
160	44.2	35.2	52.8





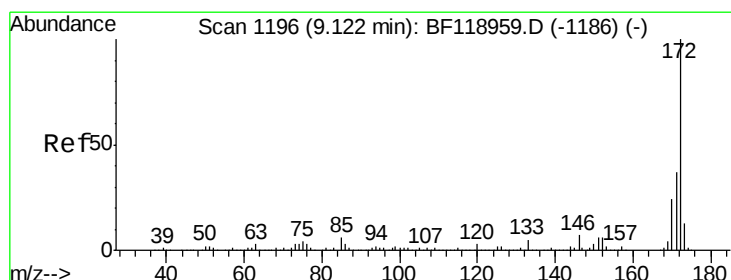
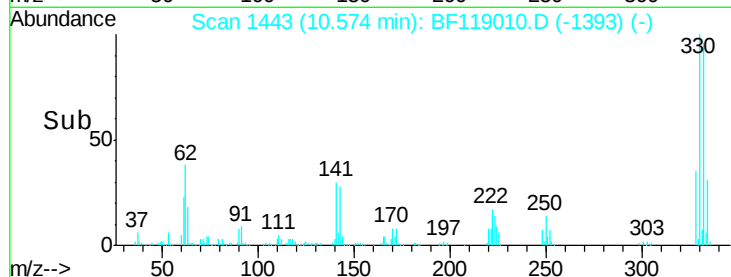
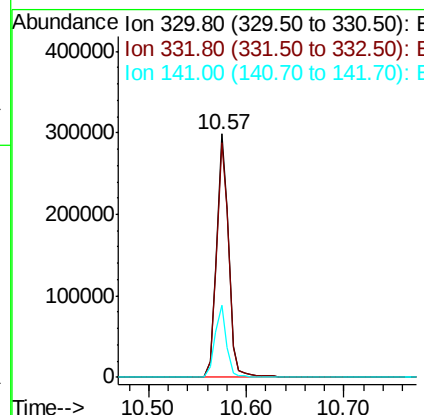
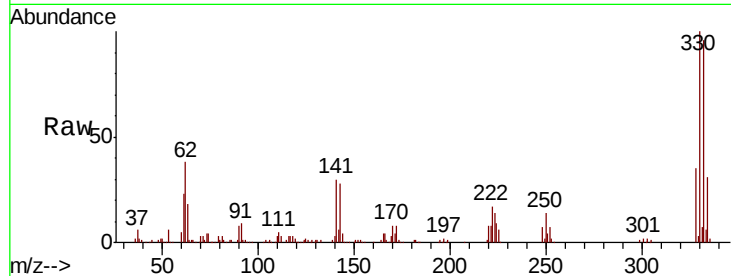
#42
 2,4,6-Tribromophenol
 Concen: 85.290 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF119010.D
 Acq: 21 Feb 2020 23:39

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	28.5	23.0	34.6

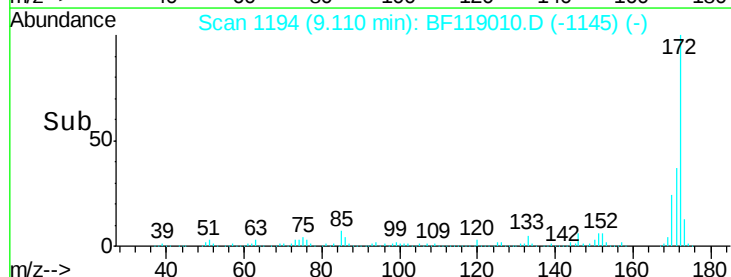
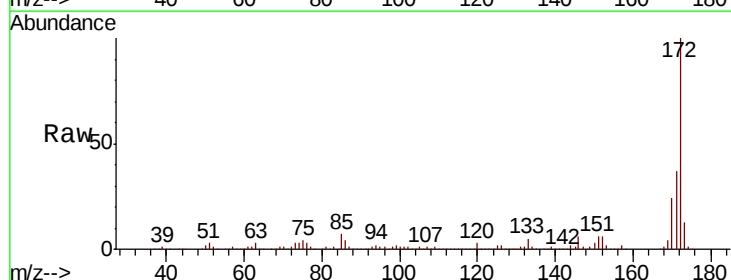
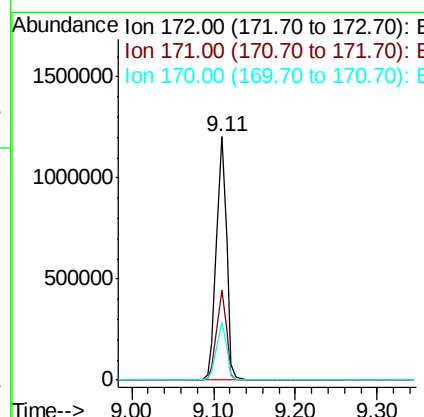
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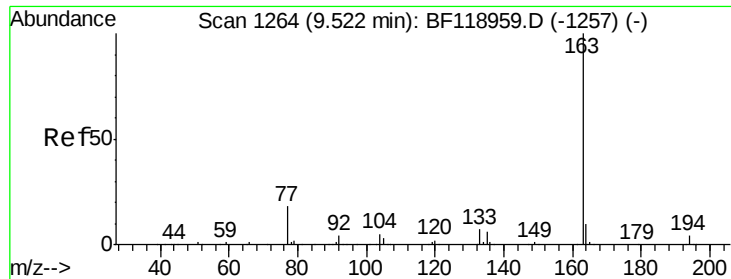
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#45
 2-Fluorobiphenyl
 Concen: 66.483 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119010.D
 Acq: 21 Feb 2020 23:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.2
170	23.9	19.6	29.4





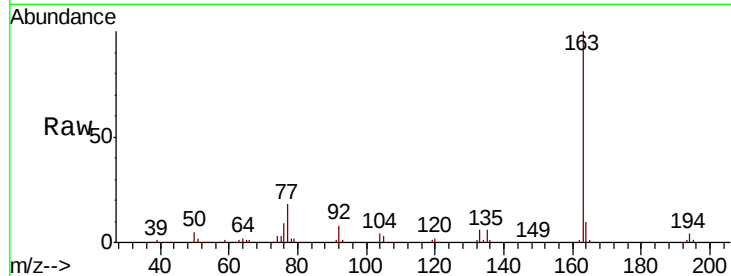
#50
Dimethylphthalate
Concen: 5.993 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF119010.D
Acq: 21 Feb 2020 23:39

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

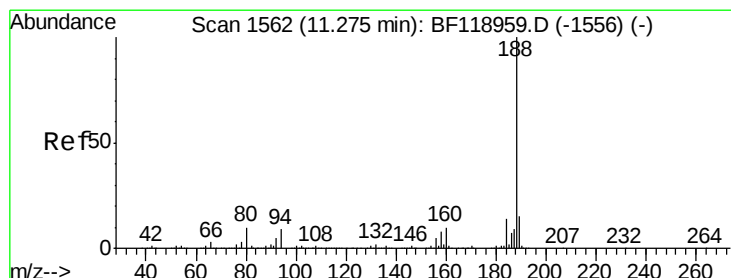
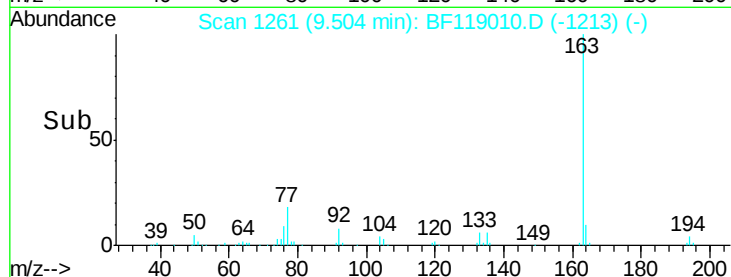
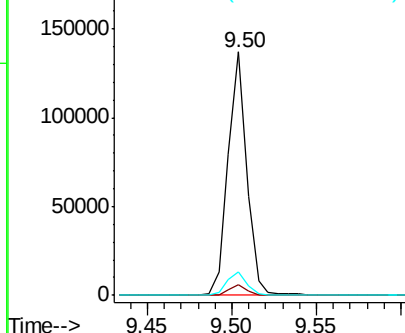
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.2	3.4	5.2	
164	9.9	8.2	12.2	

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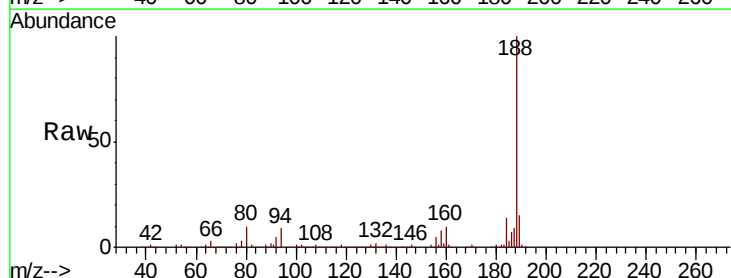


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

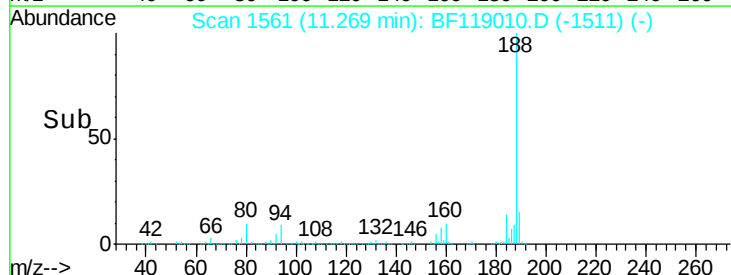
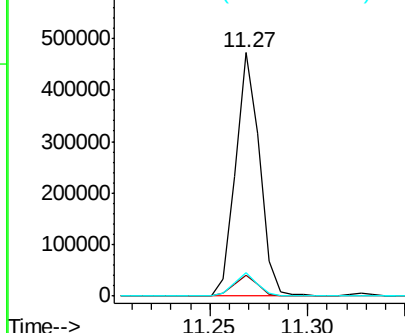


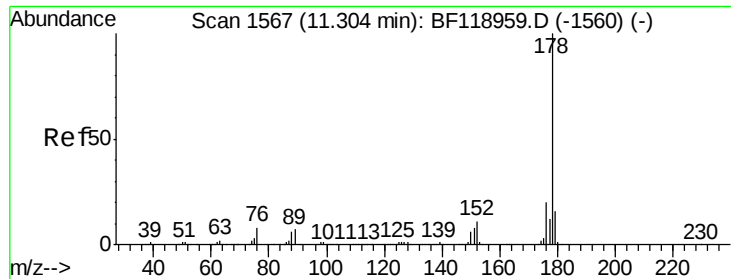
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF119010.D
Acq: 21 Feb 2020 23:39

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.7	7.0	10.6	
80	9.6	7.9	11.9	



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: 5.995 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF119010.D

Acq: 21 Feb 2020 23:39

Instrument :

BNA_F

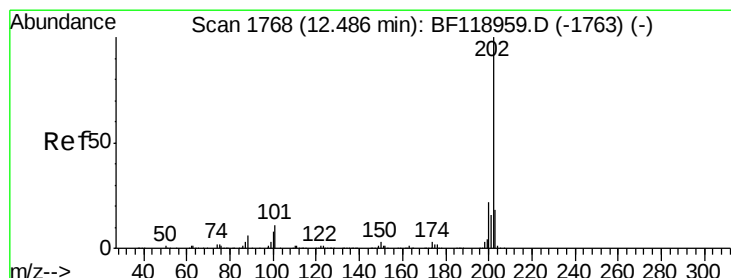
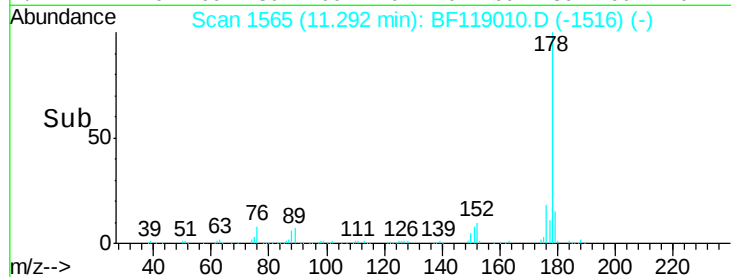
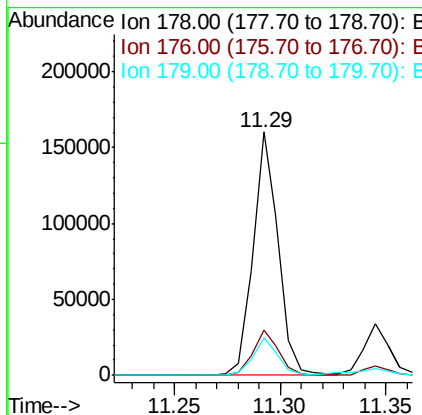
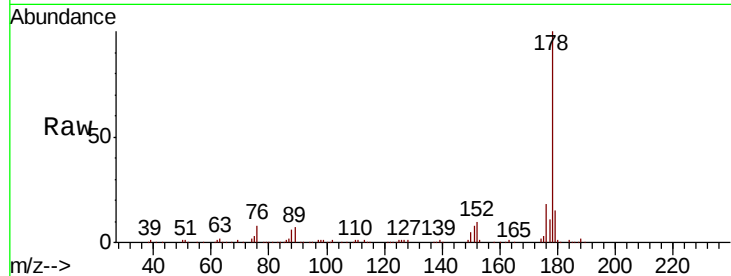
ClientSampleId :

FK-GF-02-051-A

Tot Ion:	178	Resp:	131936
Ion Ratio	Lower	Upper	
178	100		
176	18.4	15.6	23.4
179	15.4	12.6	18.8

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#75

Fluoranthene

Concen: 8.423 ng

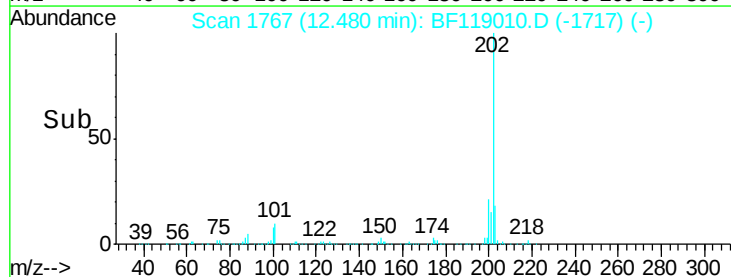
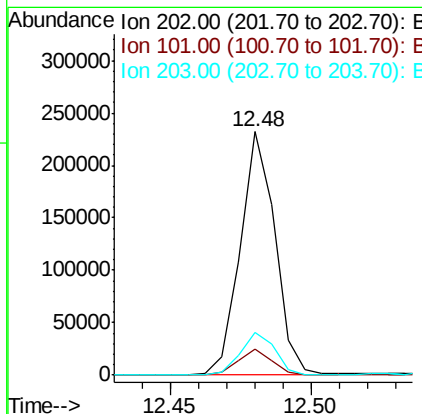
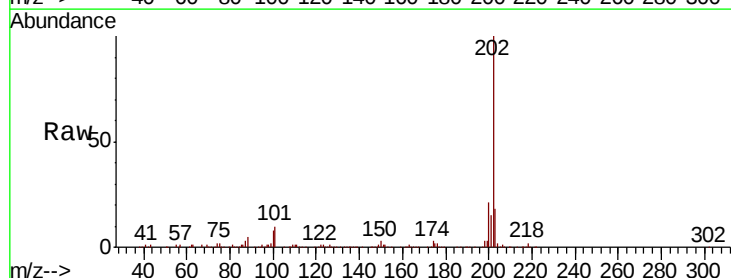
RT: 12.48 min Scan# 1767

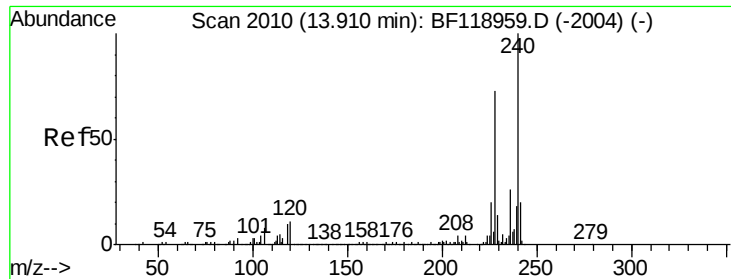
Delta R.T. -0.01 min

Lab File: BF119010.D

Acq: 21 Feb 2020 23:39

Tgt Ion:	202	Resp:	196758
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	31.1
203	17.7	0.0	38.1





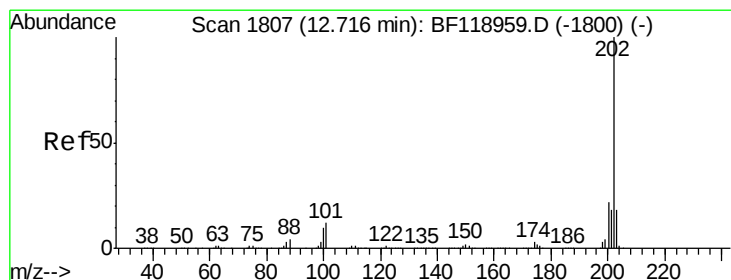
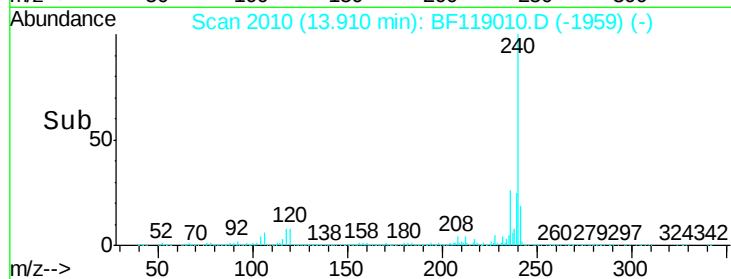
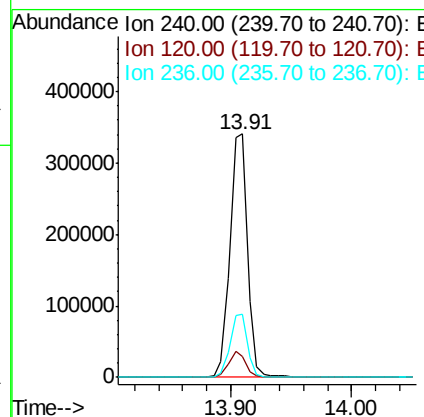
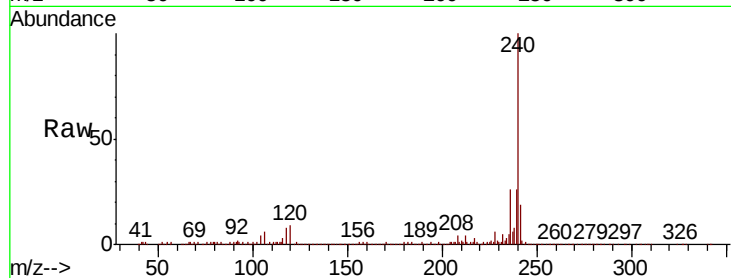
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BF119010.D
Acq: 21 Feb 2020 23:39

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

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.5	8.9	13.3#
236	26.0	20.6	30.8

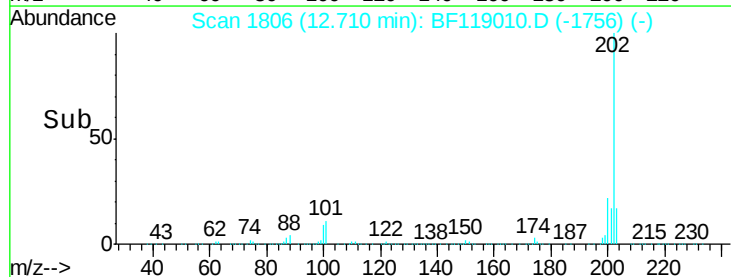
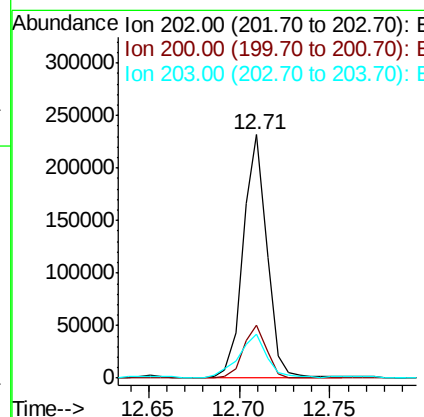
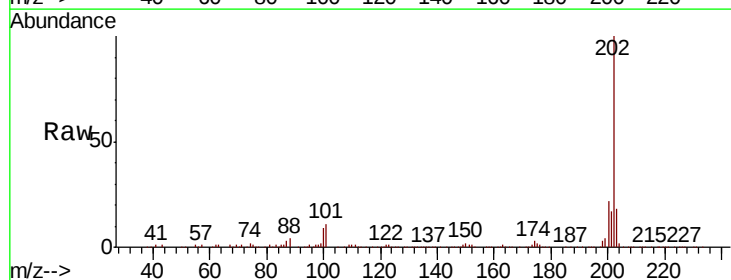
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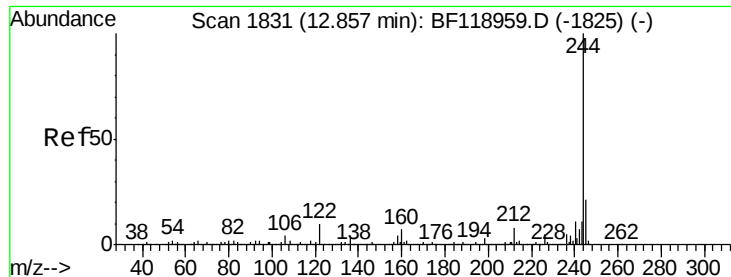
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#78
Pyrene
Concen: 7.706 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BF119010.D
Acq: 21 Feb 2020 23:39

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.0
203	17.9	14.5	21.7





#79

Terphenyl-d14

Concen: 58.089 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF119010.D

Acq: 21 Feb 2020 23:39

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-051-A

Tot Ion:244 Resp: 1148501

Ion Ratio Lower Upper

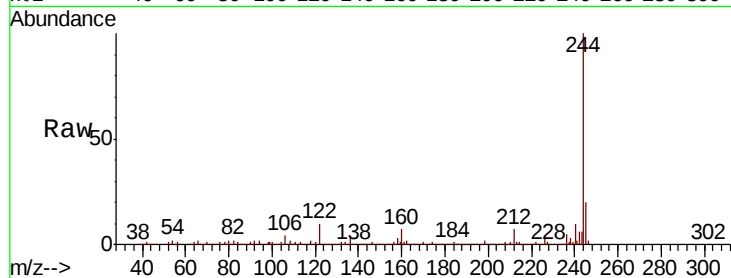
244 100

212 7.0 6.3 9.5

122 10.4 8.4 12.6

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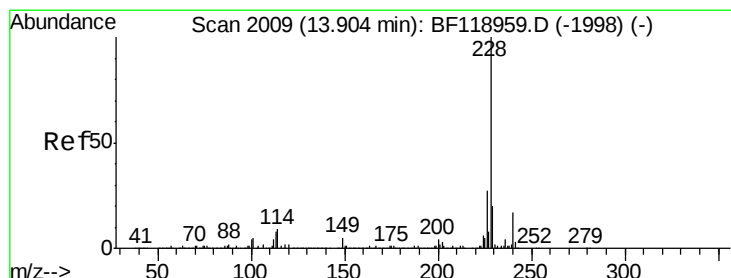
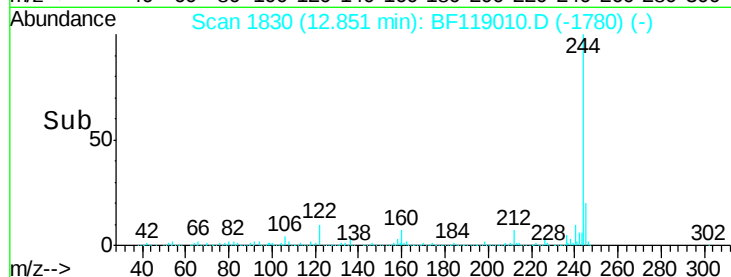
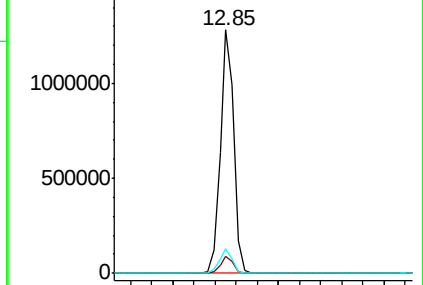
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 4.636 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF119010.D

Acq: 21 Feb 2020 23:39

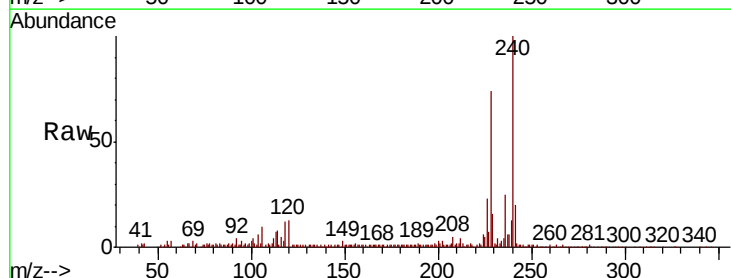
Tgt Ion:228 Resp: 107526

Ion Ratio Lower Upper

228 100

226 30.8 21.8 32.8

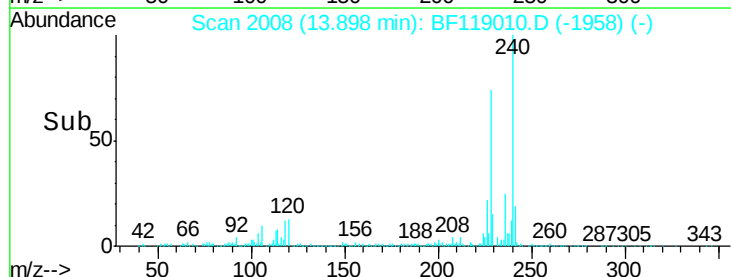
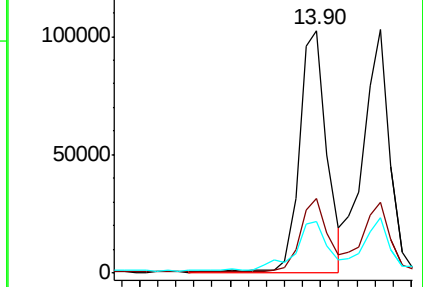
229 21.3 16.0 24.0

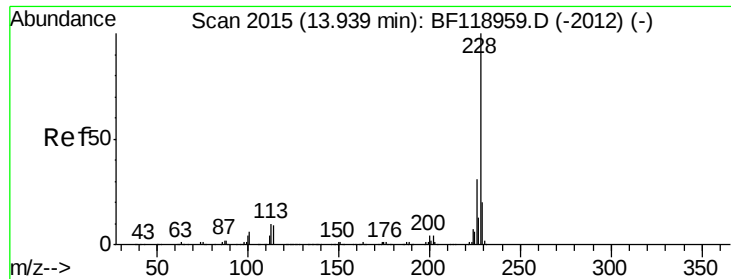


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





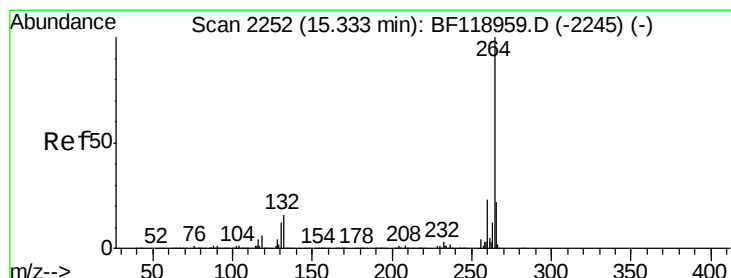
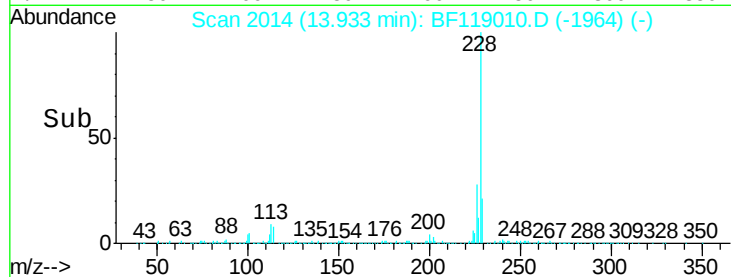
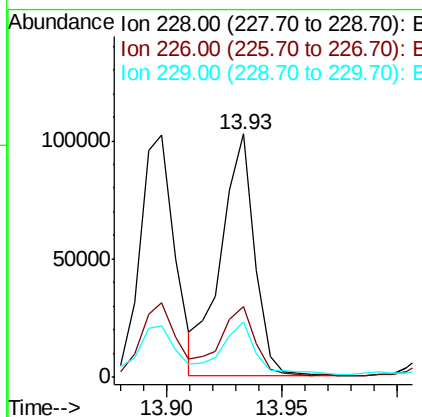
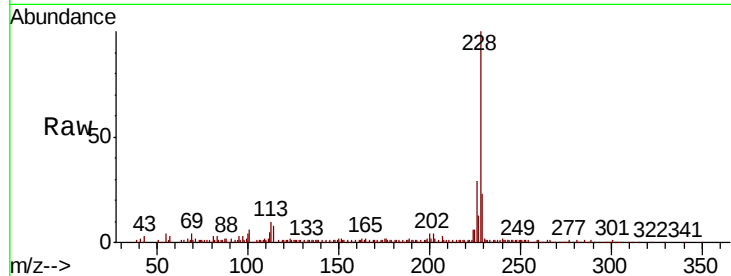
#83
Chrysene
Concen: 4.490 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF119010.D
Acq: 21 Feb 2020 23:39

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

Tot Ion:	228	Resp:	103766
Ion Ratio	Lower	Upper	
228	100		
226	29.1	24.6	37.0
229	22.6	16.2	24.2

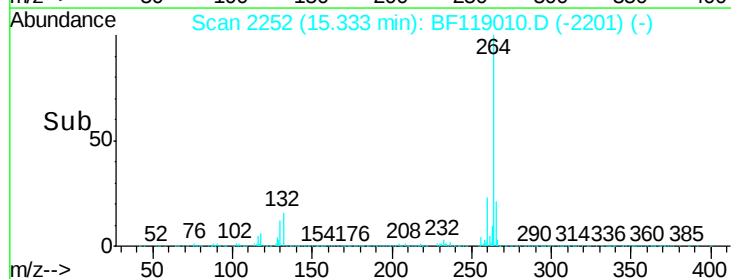
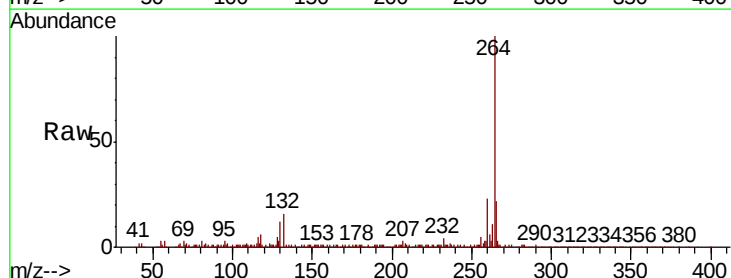
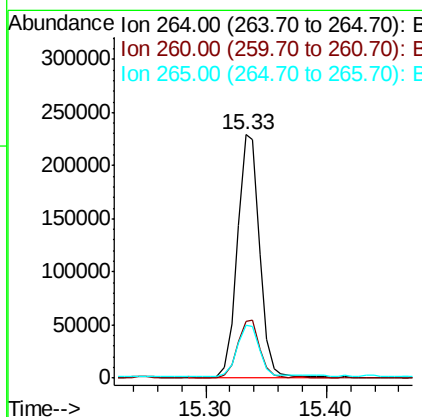
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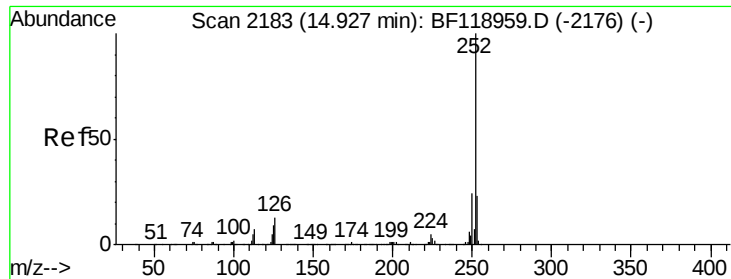
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BF119010.D
Acq: 21 Feb 2020 23:39

Tgt Ion:	264	Resp:	291710
Ion Ratio	Lower	Upper	
264	100		
260	23.5	18.6	28.0
265	21.5	17.3	25.9





#88

Benzo(b)fluoranthene

Concen: 5.991 ng/mL

RT: 14.93 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BF119010.D

Acq: 21 Feb 2020 23:39

Instrument :

BNA_F

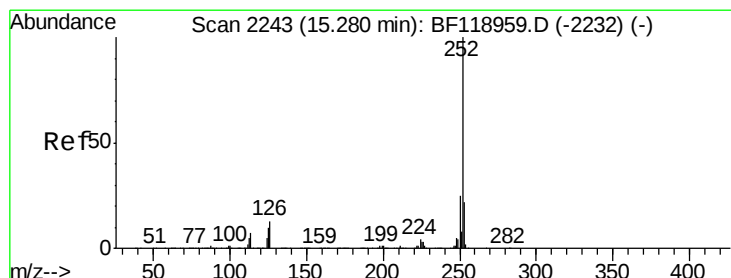
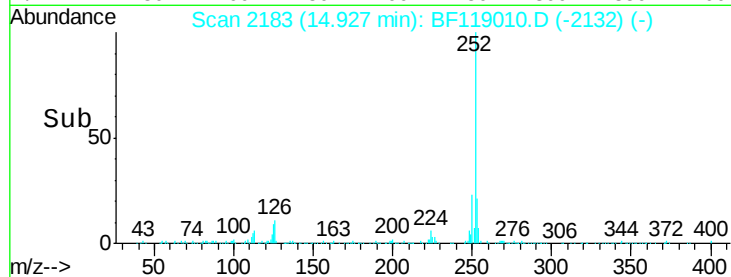
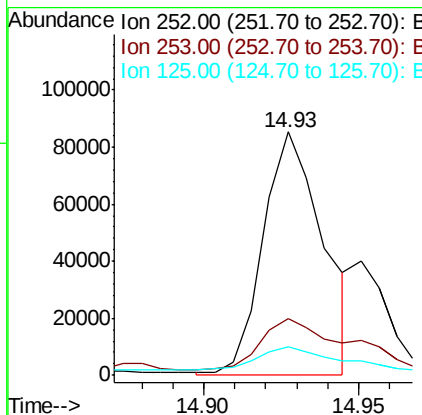
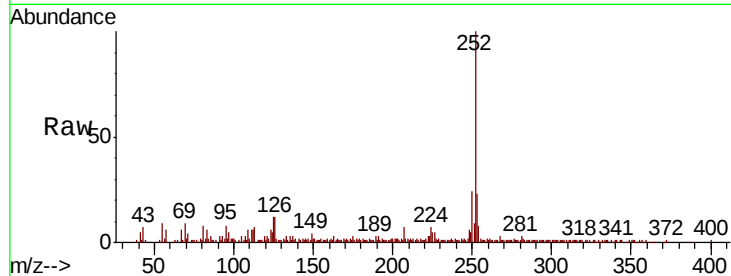
ClientSampleId :

FK-GF-02-051-A

Tot Ion:	252	Resp:	115187
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.2	27.2
125	11.7	7.4	11.0#

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#90

Benzo(a)pyrene

Concen: 4.282 ng/mL

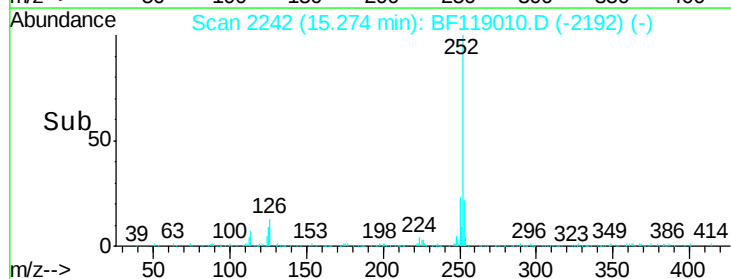
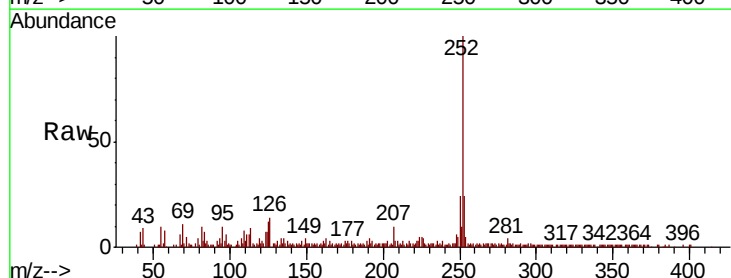
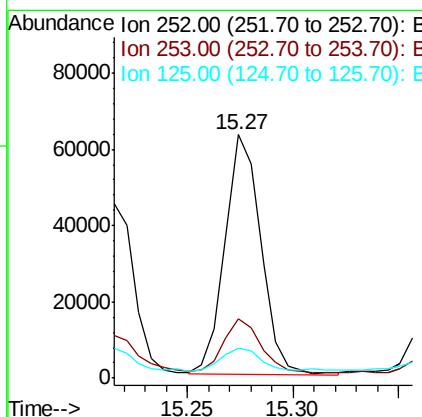
RT: 15.27 min Scan# 2242

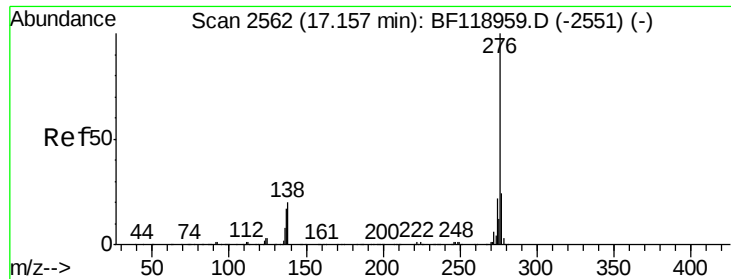
Delta R.T. -0.01 min

Lab File: BF119010.D

Acq: 21 Feb 2020 23:39

Tgt Ion:	252	Resp:	74314
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.9	26.9
125	12.1	7.8	11.6#





#92
 Benzo(a,h,i)perylene
 Concen: 2.449 ng
 RT: 17.16 min Scan# 2563
 Delta R.T. 0.01 min
 Lab File: BF119010.D
 Acq: 21 Feb 2020 23:39

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

Tot Ion	Ratio	Lower	Upper
276	100		
277	28.6	19.2	28.8
138	21.8	16.2	24.4

Manual Integrations
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