

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
 Data File : BF114243.D
 Acq On : 13 May 2019 21:29
 Operator : JU/SJ
 Sample : K2807-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-039-A

Manual Integrations
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Quant Time: May 14 08:05:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	217256	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	812224	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	371816	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	681187	20.00	ng	0.00
76) Chrysene-d12	14.02	240	486869	20.00	ng	0.00
87) Perylene-d12	15.50	264	481442	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1222073	90.52	ng	0.01
7) Phenol-d6	6.51	99	1580736	99.00	ng	0.02
23) Nitrobenzene-d5	7.42	82	982991	67.92	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	403841	105.06	ng	0.01
45) 2-Fluorobiphenyl	9.21	172	1832296	74.54	ng	0.00
79) Terphenyl-d14	12.96	244	1769498	74.92	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	124375	4.557	ng	100
71) Phenanthrene	11.40	178	136569	4.121	ng	97
75) Fluoranthene	12.59	202	249109	6.980	ng	97
78) Pyrene	12.82	202	231189	5.903	ng	97
81) Benzo(a)anthracene	14.01	228	132721	4.215	ng	99
83) Chrysene	14.04	228	132211m	4.283	ng	
86) Indeno(1,2,3-cd)pyrene	16.99	276	55300	2.027	ng	99
88) Benzo(b)fluoranthene	15.07	252	179540m	5.821	ng	
90) Benzo(a)pyrene	15.44	252	112684	4.151	ng	# 93
92) Benzo(g,h,i)perylene	17.43	276	50375	2.228	ng	# 89

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

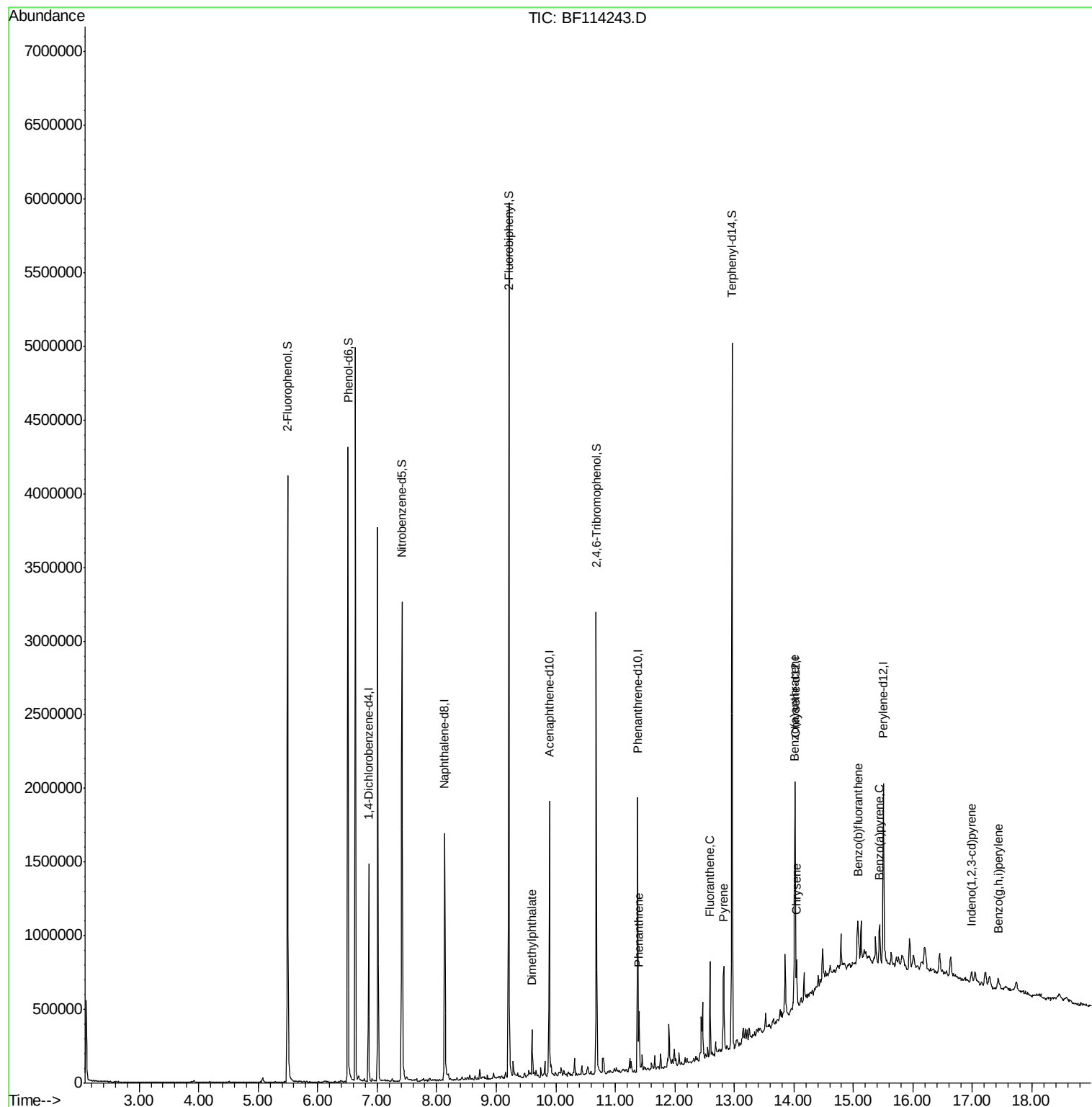
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
Data File : BF114243.D
Acq On : 13 May 2019 21:29
Operator : JU/SJ
Sample : K2807-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

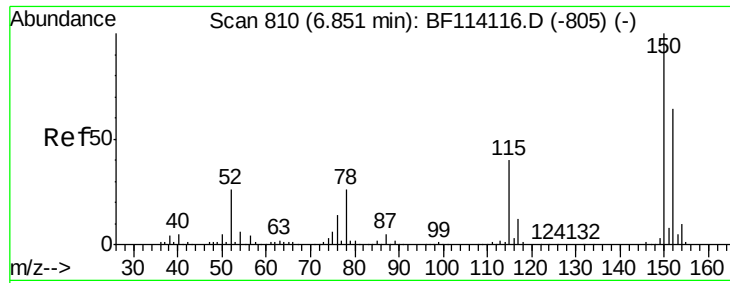
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-039-A

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Quant Time: May 14 08:05:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration





#1

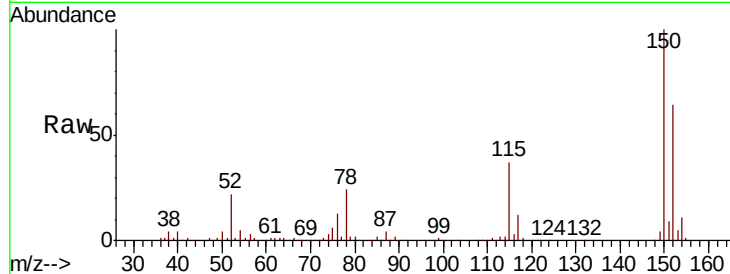
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF114243.D
Acq: 13 May 2019 21:29

Instrument :
BNA_F
ClientSampled :
FK-GF-02-039-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.3	186.5
115	57.9	49.1	73.7

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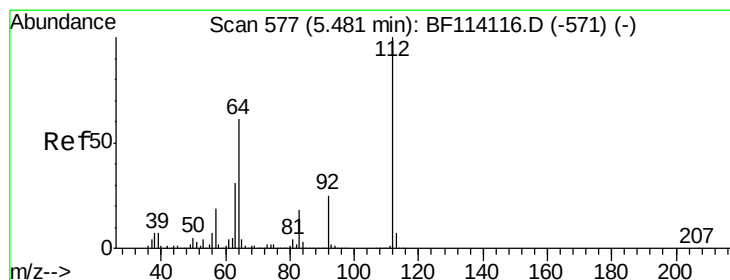
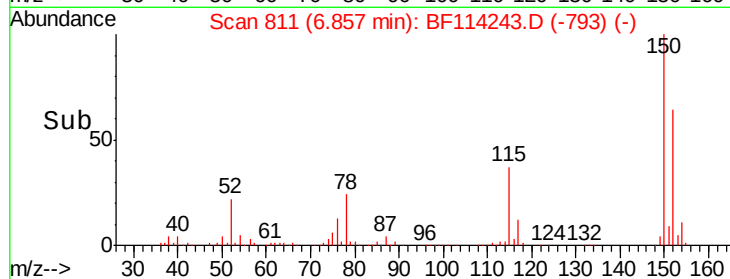
Abundance

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

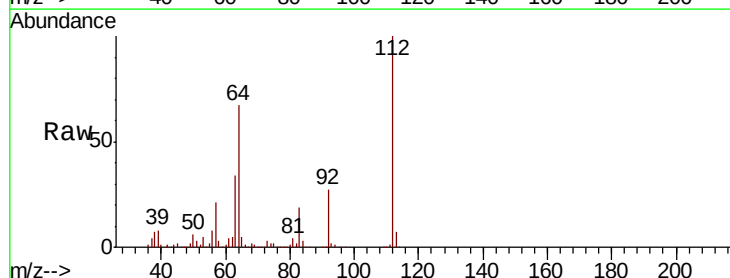
Time-->



#5

2-Fluorophenol
Concen: 90.522 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF114243.D
Acq: 13 May 2019 21:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.9	49.0	73.6
63	33.6	24.6	37.0



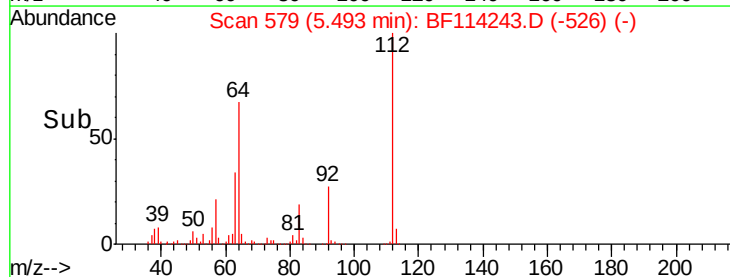
Abundance

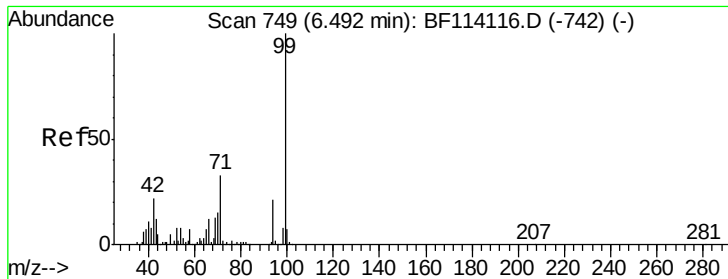
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Time-->





#7

Phenol-d6

Concen: 98.998 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.02 min

Lab File: BF114243.D

Acq: 13 May 2019 21:29

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-039-A

Tot Ion: 99 Resp: 1580736

Ion Ratio Lower Upper

99 100

42 20.6 17.9 26.9

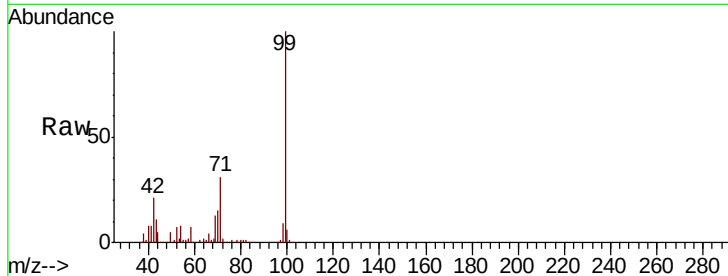
71 31.0 26.2 39.2

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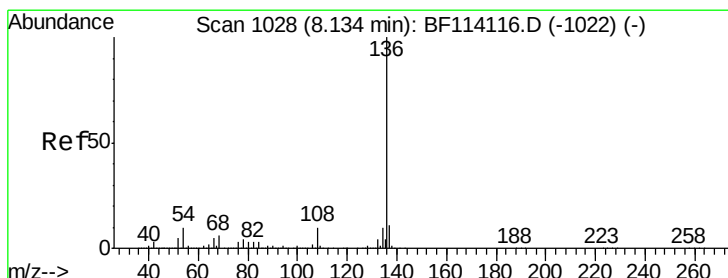
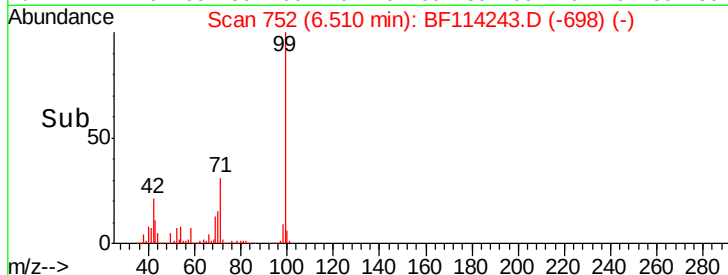
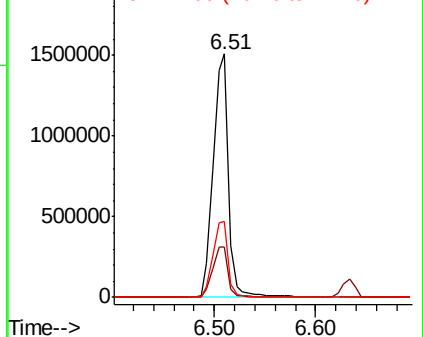
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF114243.D

Acq: 13 May 2019 21:29

Tgt Ion: 136 Resp: 812224

Ion Ratio Lower Upper

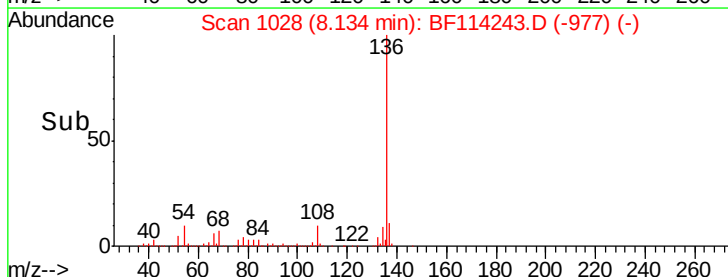
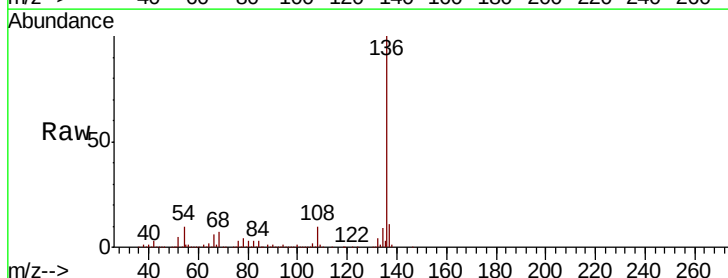
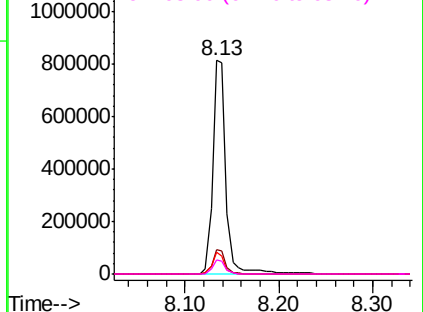
136 100

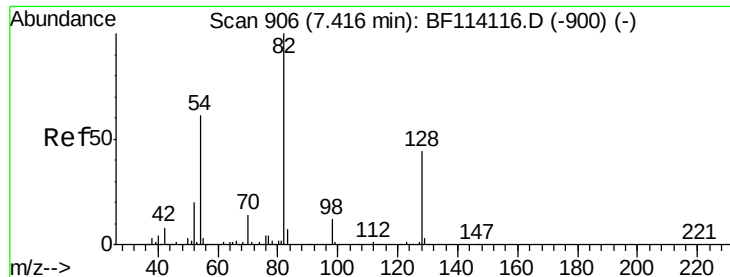
137 11.3 8.8 13.2

54 10.3 7.8 11.8

68 6.8 5.1 7.7

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





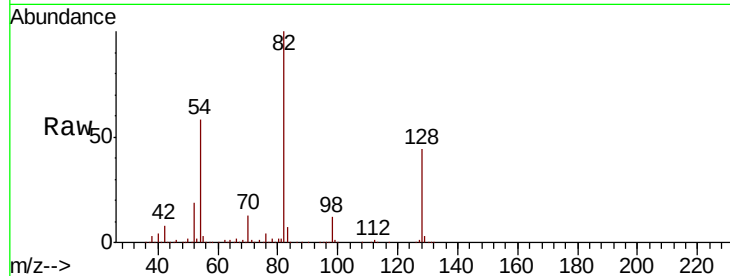
#23
Nitrobenzene-d5
Concen: 67.919 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF114243.D
Acq: 13 May 2019 21:29

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-039-A

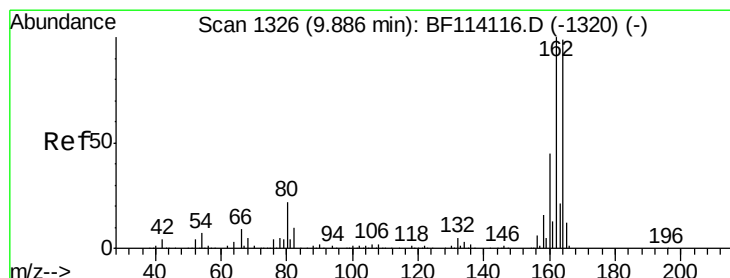
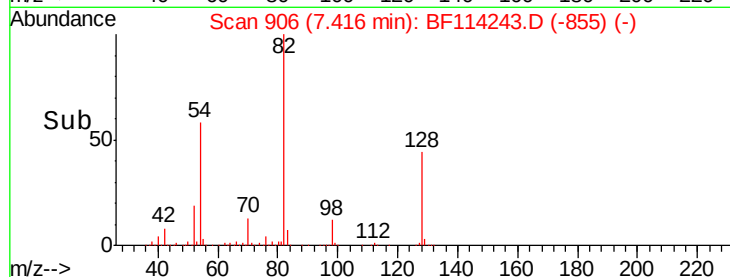
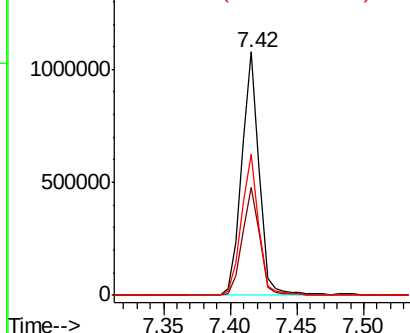
Tot Ion	82	Resp	982991
Ion Ratio	Lower	Upper	
82	100		
128	44.3	35.5	53.3
54	57.8	48.5	72.7

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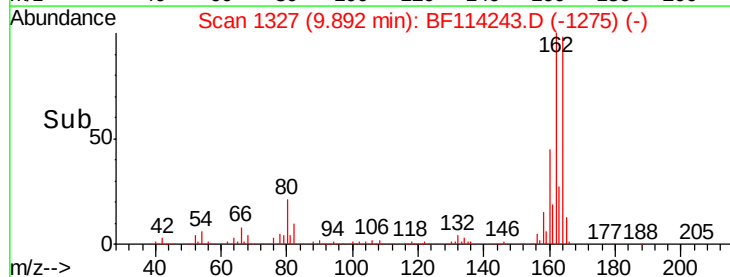
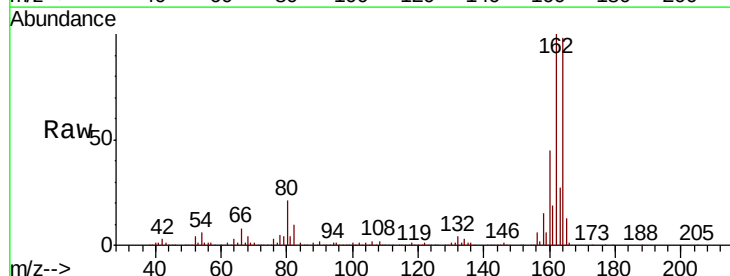
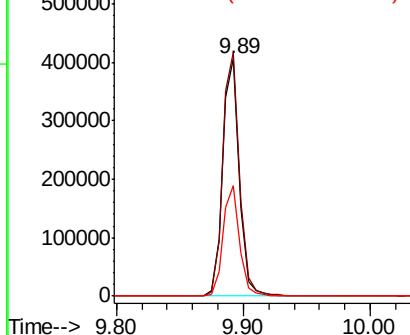
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

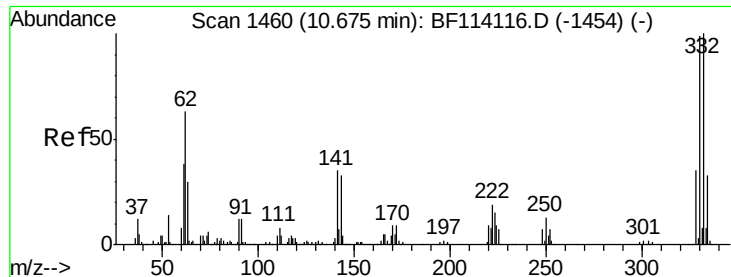


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF114243.D
Acq: 13 May 2019 21:29

Tgt Ion	164	Resp	371816
Ion Ratio	Lower	Upper	
164	100		
162	102.5	80.6	120.8
160	46.3	36.5	54.7

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: 105.059 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.01 min

Lab File: BF114243.D

Acq: 13 May 2019 21:29

Instrument :

BNA_F

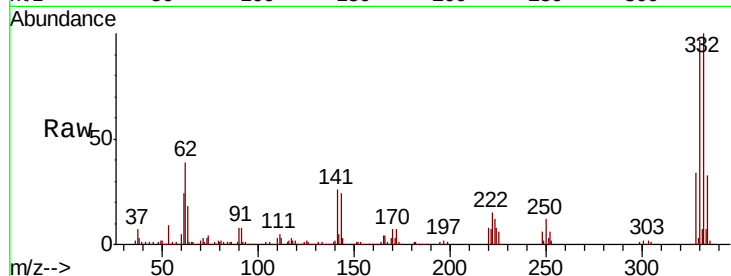
ClientSampleId :

FK-GF-02-039-A

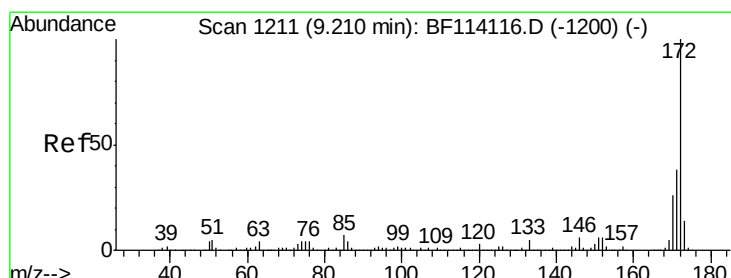
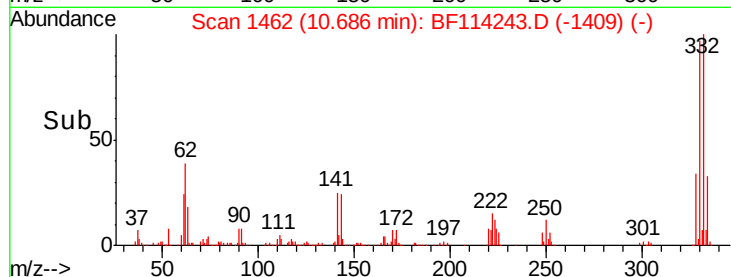
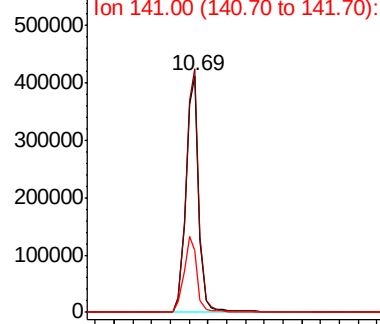
Tot Ion:	330	Resp:	403841
Ion Ratio	Lower	Upper	
330	100		
332	102.6	81.4	122.2
141	32.2	26.6	40.0

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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: 74.544 ng

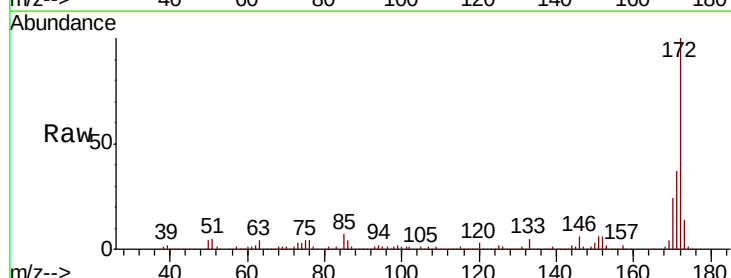
RT: 9.21 min Scan# 1211

Delta R.T. -0.00 min

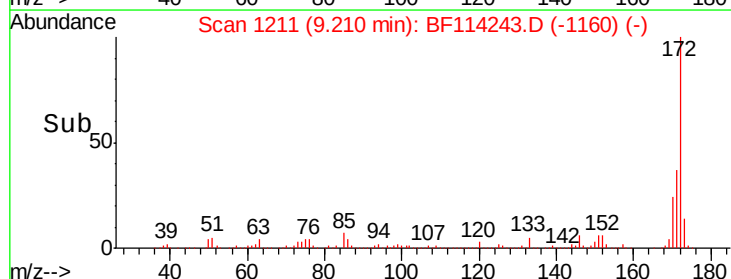
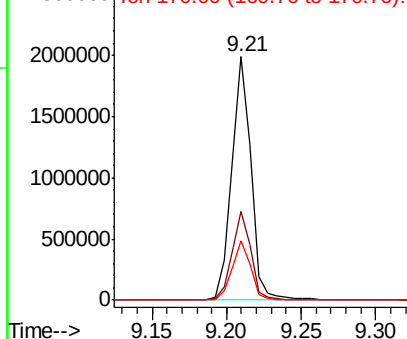
Lab File: BF114243.D

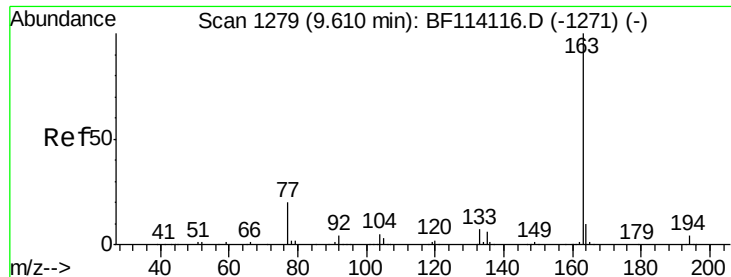
Acq: 13 May 2019 21:29

Tgt Ion:	172	Resp:	1832296
Ion Ratio	Lower	Upper	
172	100		
171	36.6	30.7	46.1
170	24.4	20.5	30.7



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





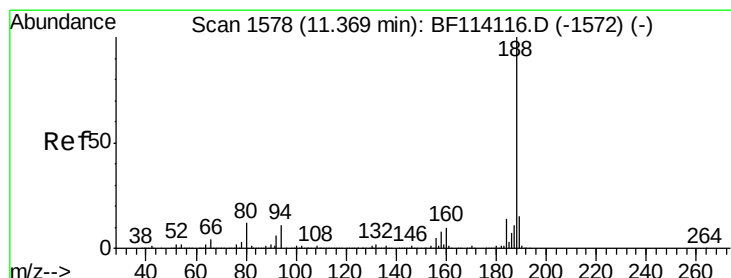
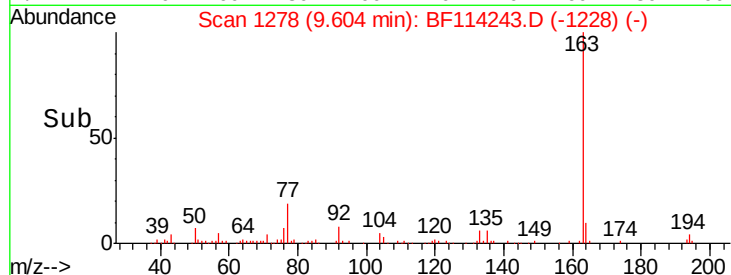
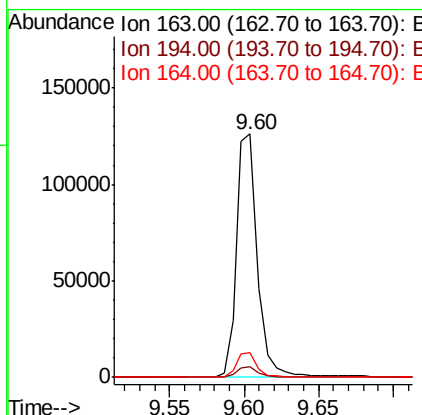
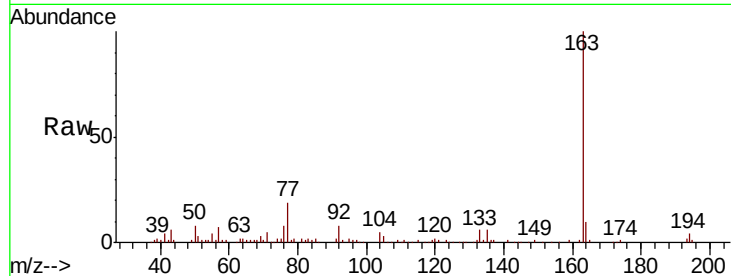
#50
Dimethylphthalate
Concen: 4.557 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF114243.D
Acq: 13 May 2019 21:29

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-039-A

Tot Ion	Ratio	Resp	Lower	Upper
163	100	124375		
194	4.4	3.4	5.0	
164	10.2	8.2	12.2	

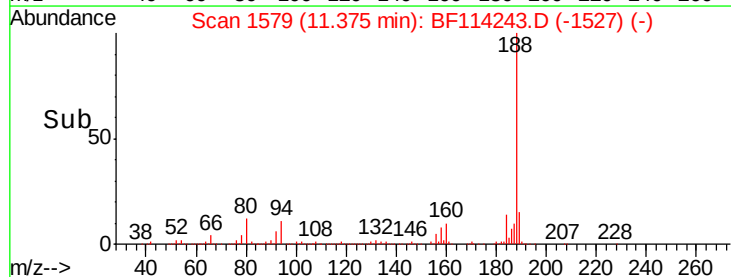
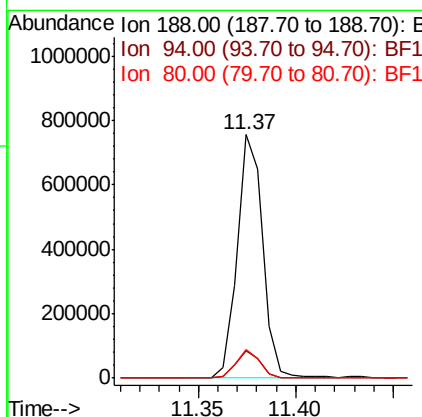
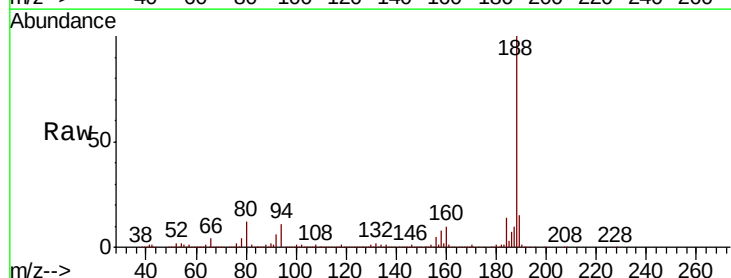
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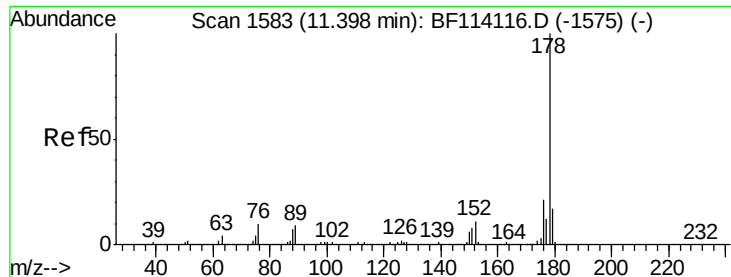
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF114243.D
Acq: 13 May 2019 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	681187		
94	11.3	8.4	12.6	
80	11.9	9.2	13.8	





#71

Phenanthrene

Concen: 4.121 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF114243.D

Acq: 13 May 2019 21:29

Instrument :

BNA_F

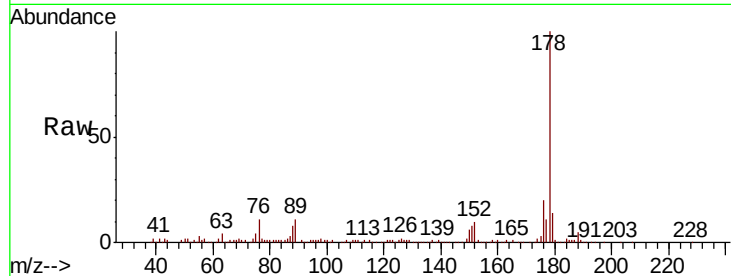
ClientSampleId :

FK-GF-02-039-A

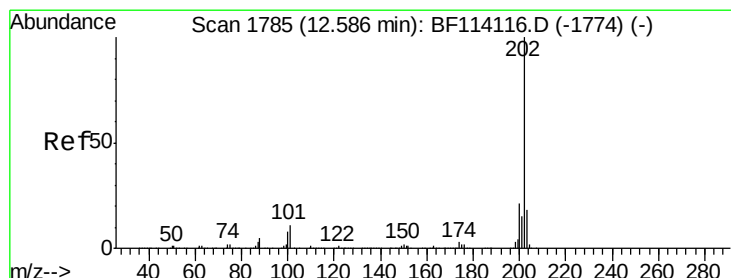
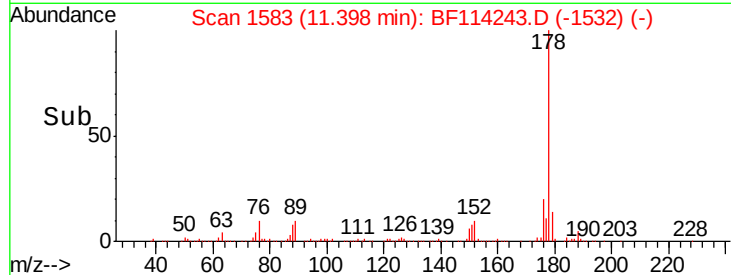
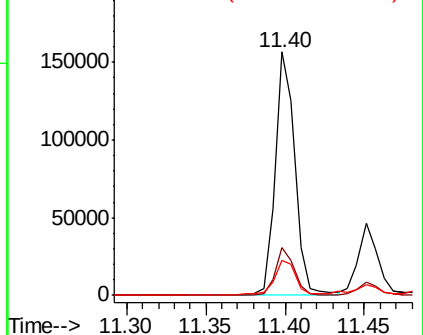
Tot Ion:	178	Resp:	136569
Ion Ratio	Lower	Upper	
178	100		
176	19.9	16.4	24.6
179	14.4	13.2	19.8

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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: 6.980 ng

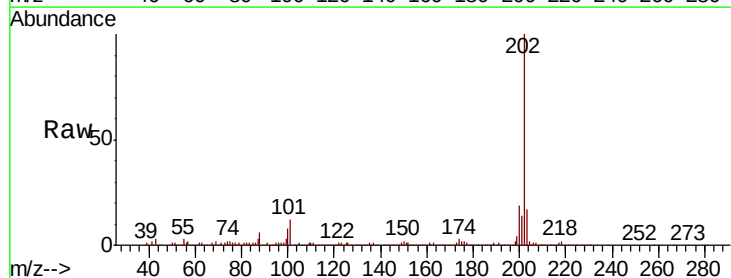
RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

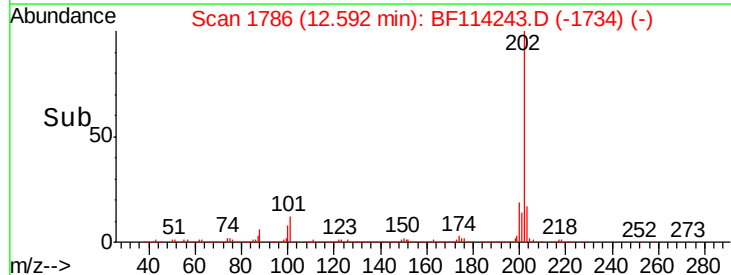
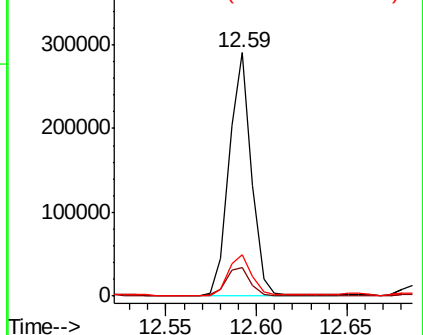
Lab File: BF114243.D

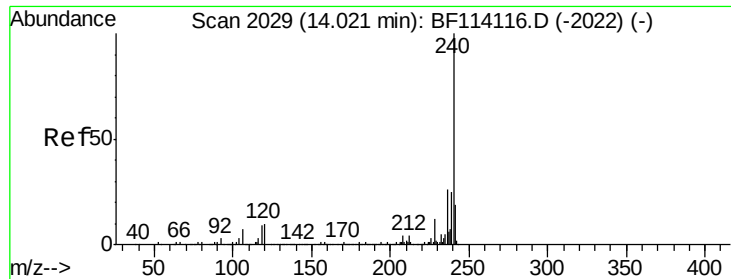
Acq: 13 May 2019 21:29

Tgt Ion:	202	Resp:	249109
Ion Ratio	Lower	Upper	
202	100		
101	11.9	0.0	31.0
203	17.2	0.0	38.4



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: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF114243.D

Acq: 13 May 2019 21:29

Instrument :

BNA_F

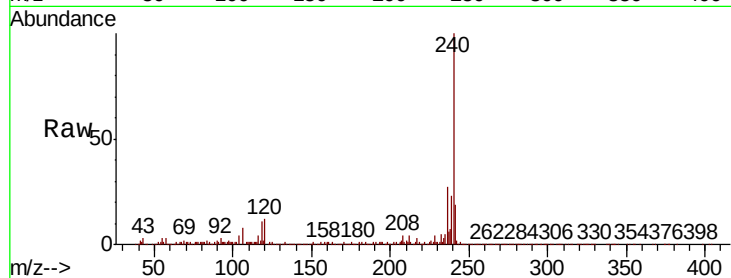
ClientSampleId :

FK-GF-02-039-A

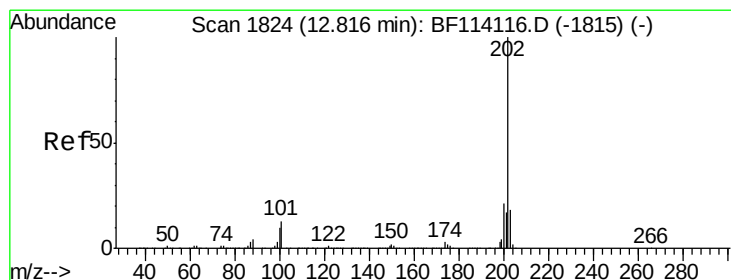
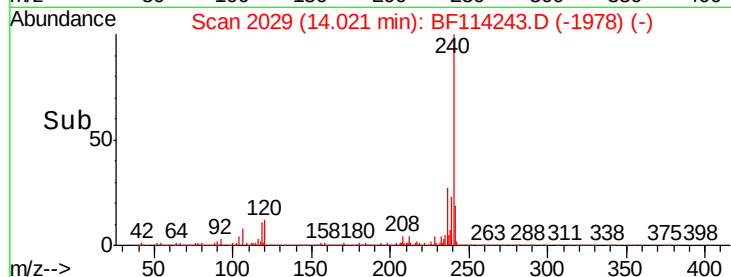
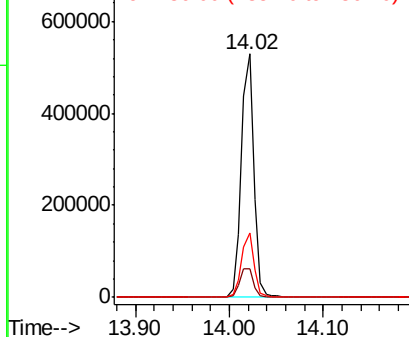
Tot Ion:	240	Resp:	486869
Ion Ratio	Lower	Upper	
240	100		
120	11.9	8.3	12.5
236	26.7	20.8	31.2

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#78

Pyrene

Concen: 5.903 ng

RT: 12.82 min Scan# 1825

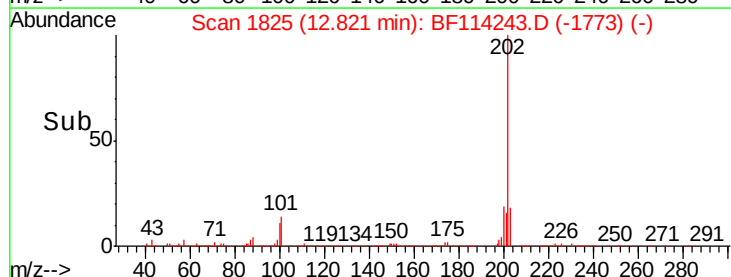
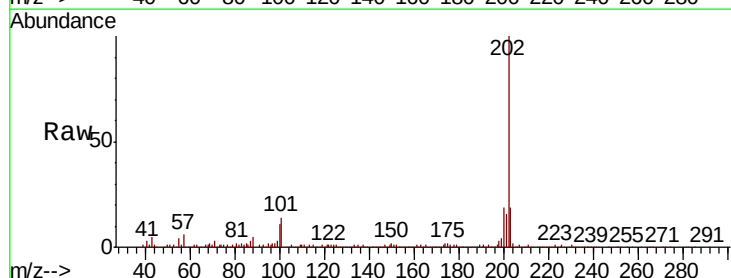
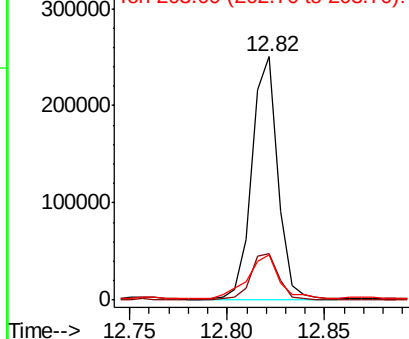
Delta R.T. 0.01 min

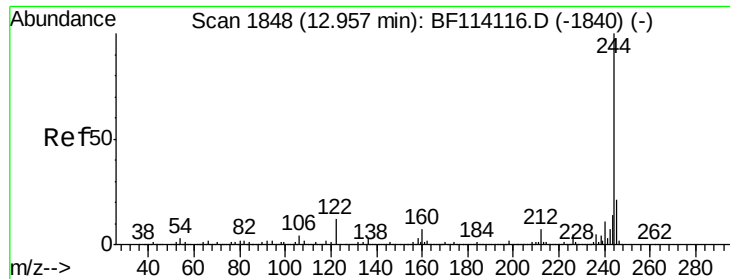
Lab File: BF114243.D

Acq: 13 May 2019 21:29

Tgt Ion:	202	Resp:	231189
Ion Ratio	Lower	Upper	
202	100		
200	19.0	16.9	25.3
203	18.7	14.5	21.7

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





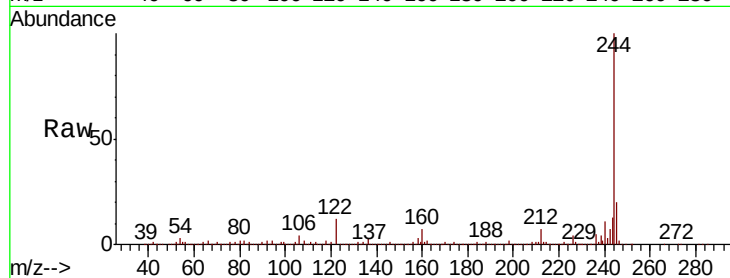
#79
 Terphenyl-d14
 Concen: 74.922 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.01 min
 Lab File: BF114243.D
 Acq: 13 May 2019 21:29

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-039-A

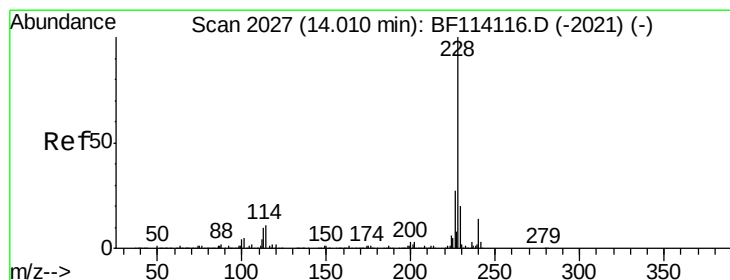
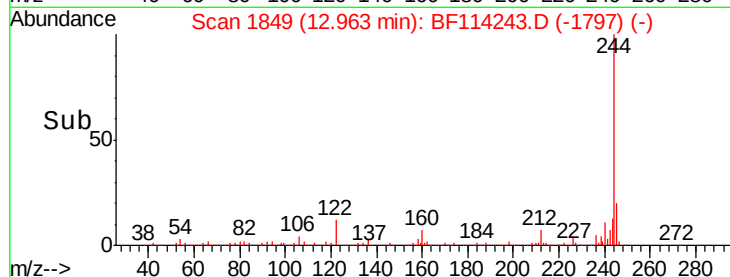
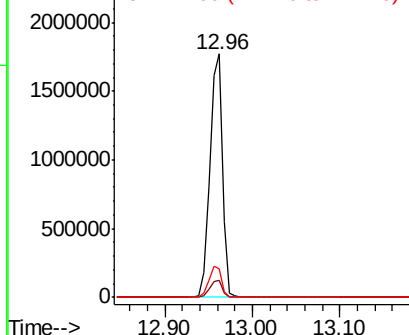
Tot Ion:244 Resp: 1769498
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 11.7 9.4 14.2

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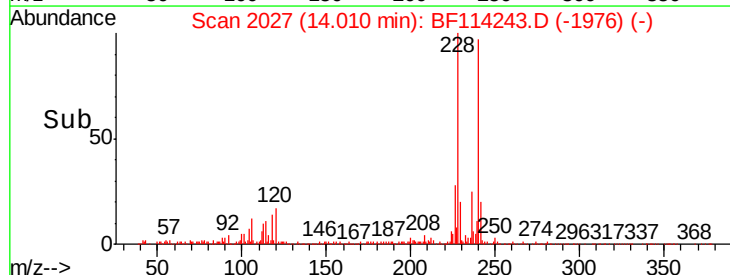
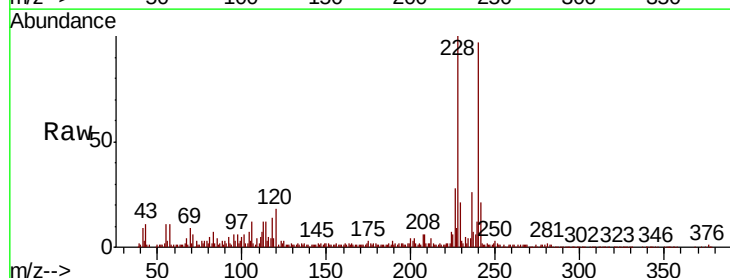
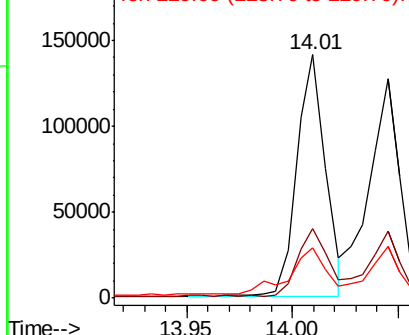
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

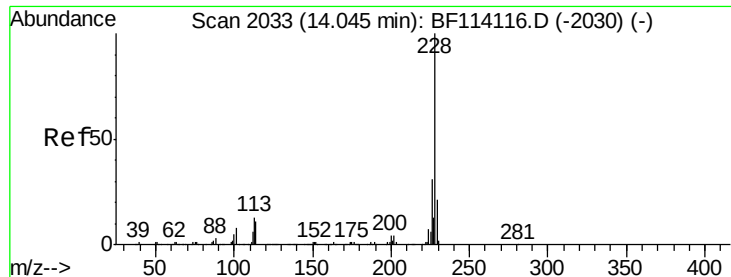


#81
 Benzo(a)anthracene
 Concen: 4.215 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BF114243.D
 Acq: 13 May 2019 21:29

Tgt Ion:228 Resp: 132721
 Ion Ratio Lower Upper
 228 100
 226 28.4 22.2 33.2
 229 20.8 16.4 24.6

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





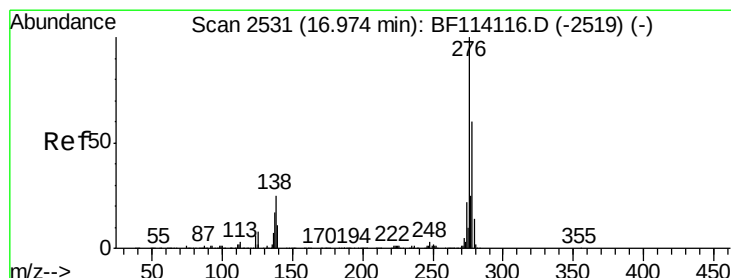
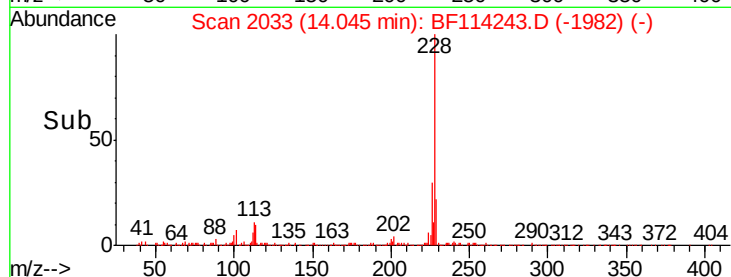
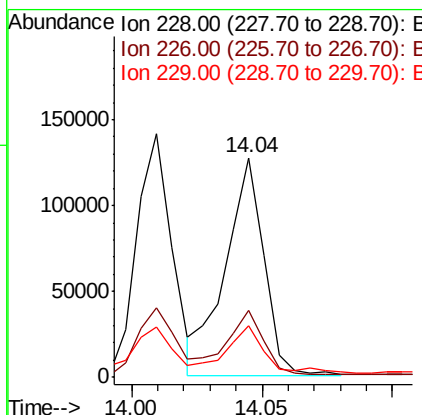
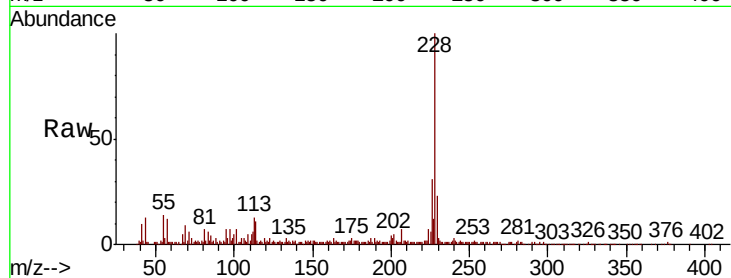
#83
Chrysene
Concen: 4.283 ng m
RT: 14.04 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BF114243.D
Acq: 13 May 2019 21:29

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-039-A

Tot Ion:	228	Resp:	132211
Ion Ratio	Lower	Upper	
228	100		
226	30.6	25.0	37.6
229	23.5	17.0	25.6

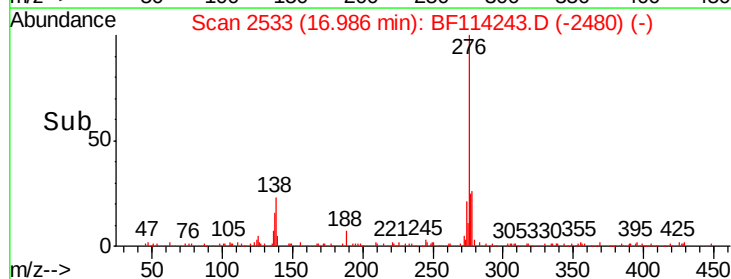
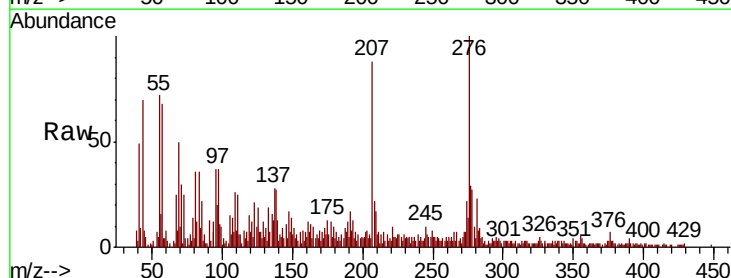
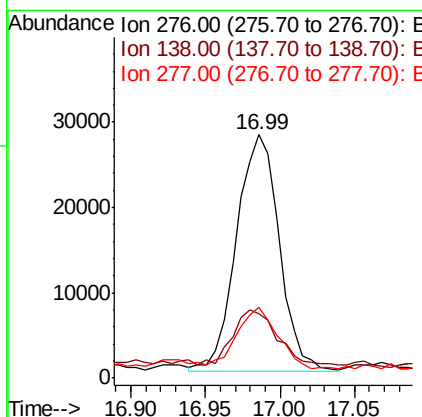
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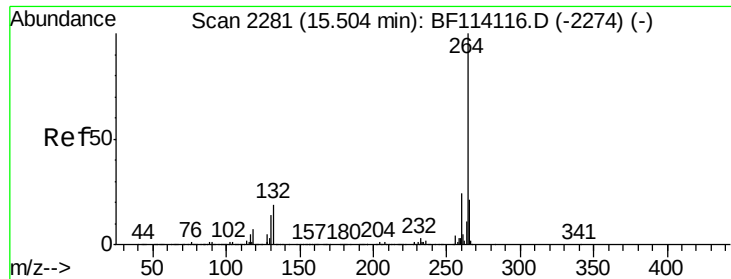
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.027 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.01 min
Lab File: BF114243.D
Acq: 13 May 2019 21:29

Tgt Ion:	276	Resp:	55300
Ion Ratio	Lower	Upper	
276	100		
138	25.3	20.2	30.2
277	24.0	20.0	30.0





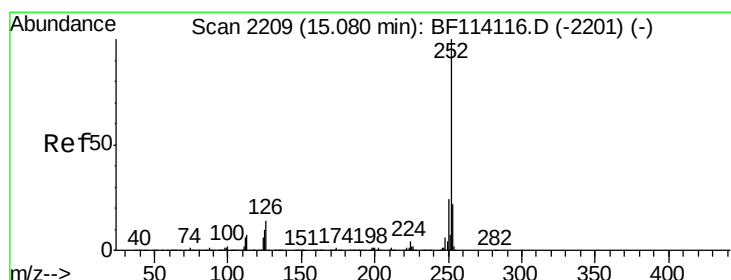
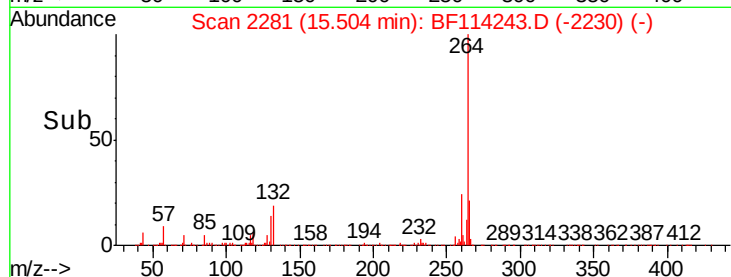
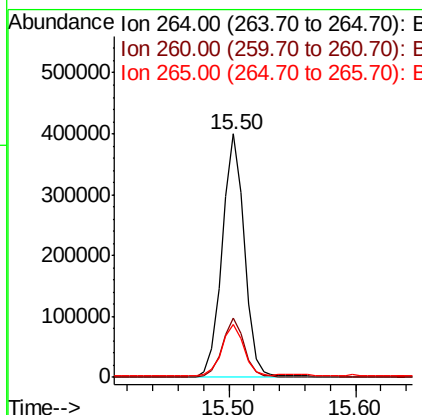
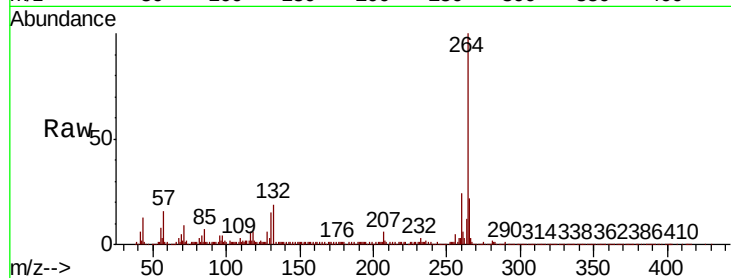
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF114243.D
Acq: 13 May 2019 21:29

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-039-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.0
265	21.9	16.9	25.3

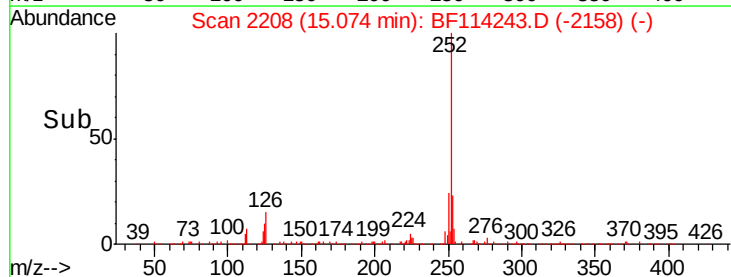
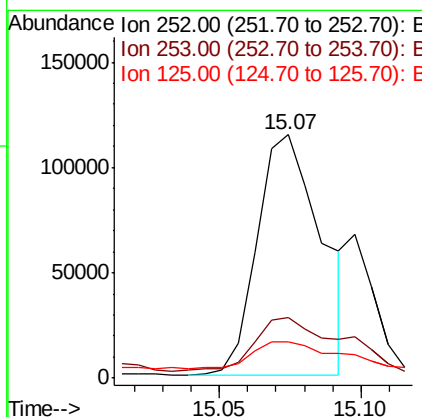
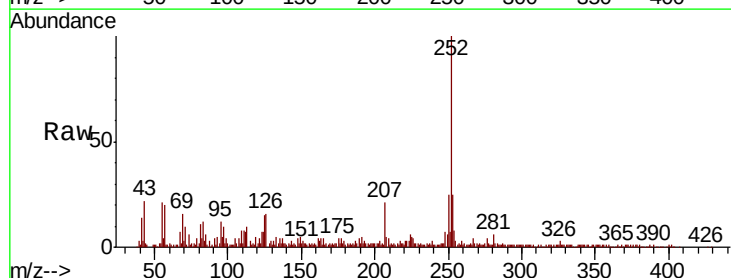
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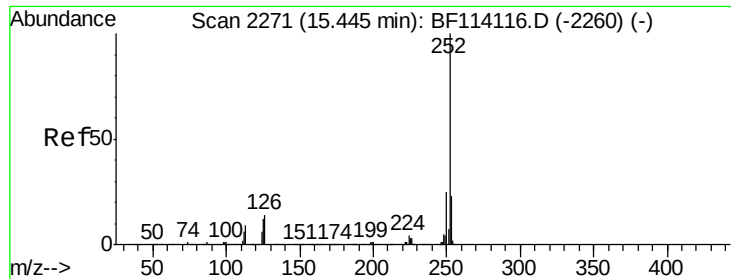
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#88
Benzo(b)fluoranthene
Concen: 5.821 ng m
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF114243.D
Acq: 13 May 2019 21:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.8	26.8
125	15.1	8.3	12.5#





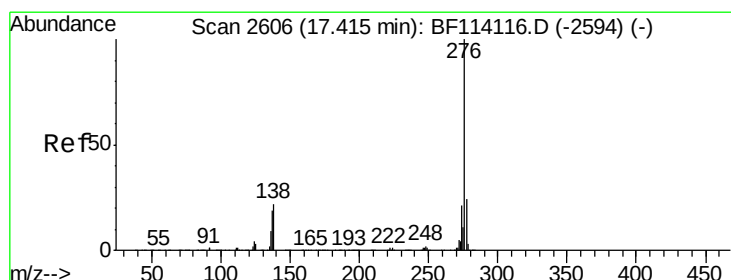
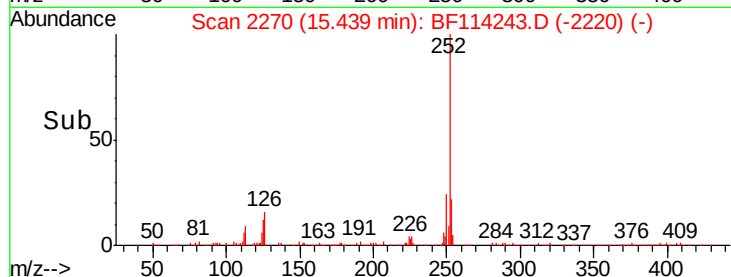
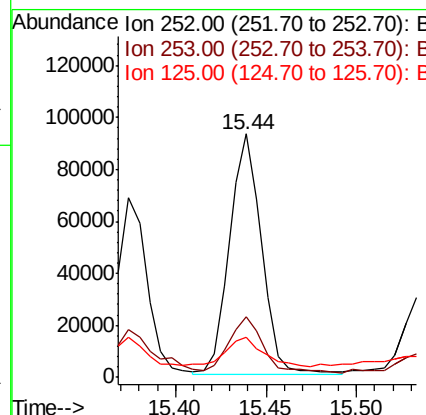
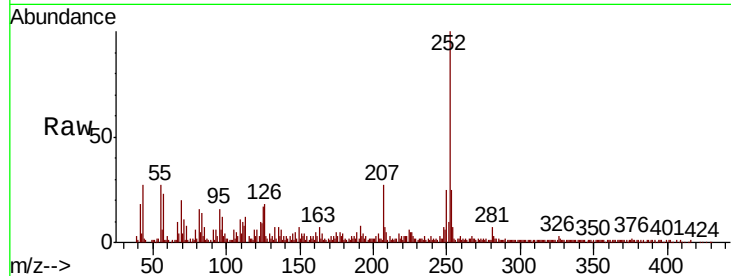
#90
Benzo(a)pyrene
Concen: 4.151 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF114243.D
Acq: 13 May 2019 21:29

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-039-A

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.9	18.1	27.1
125	16.7	9.5	14.3

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#92
Benzo(g,h,i)perylene
Concen: 2.228 ng
RT: 17.43 min Scan# 2609
Delta R.T. 0.02 min
Lab File: BF114243.D
Acq: 13 May 2019 21:29

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	27.6	19.0	28.4
138	29.4	17.8	26.6

