

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
 Data File : BF119815.D
 Acq On : 7 Apr 2020 12:08
 Operator : MA/SJ
 Sample : L2148-03
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-055-B

Manual Integrations
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mohammad
 4/8/2020 8:12:55 AM

Quant Time: Apr 07 12:40:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 06 11:15:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	156227	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	566500	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	278661	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	512451	20.00	ng	0.00
76) Chrysene-d12	13.96	240	355955	20.00	ng	0.00
87) Perylene-d12	15.40	264	342268	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1273565	129.77	ng	0.01
7) Phenol-d6	6.42	99	1615058	128.83	ng	0.00
23) Nitrobenzene-d5	7.35	82	961949	92.29	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	398187	138.51	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1731281	92.04	ng	0.00
79) Terphenyl-d14	12.90	244	1770264	97.44	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.54	163	214115	10.817	ng	100
71) Phenanthrene	11.34	178	444359	16.723	ng	97
72) Anthracene	11.39	178	78425	2.904	ng	97
75) Fluoranthene	12.53	202	363501	12.640	ng	96
78) Pyrene	12.76	202	305258	10.449	ng	97
81) Benzo(a)anthracene	13.94	228	115685	4.998	ng	98
83) Chrysene	13.98	228	100287	4.198	ng	96
88) Benzo(b)fluoranthene	14.98	252	113707m	4.973	ng	
90) Benzo(a)pyrene	15.34	252	74174	3.570	ng	97
92) Benzo(g,h,i)perylene	17.25	276	37951	2.079	ng	97

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

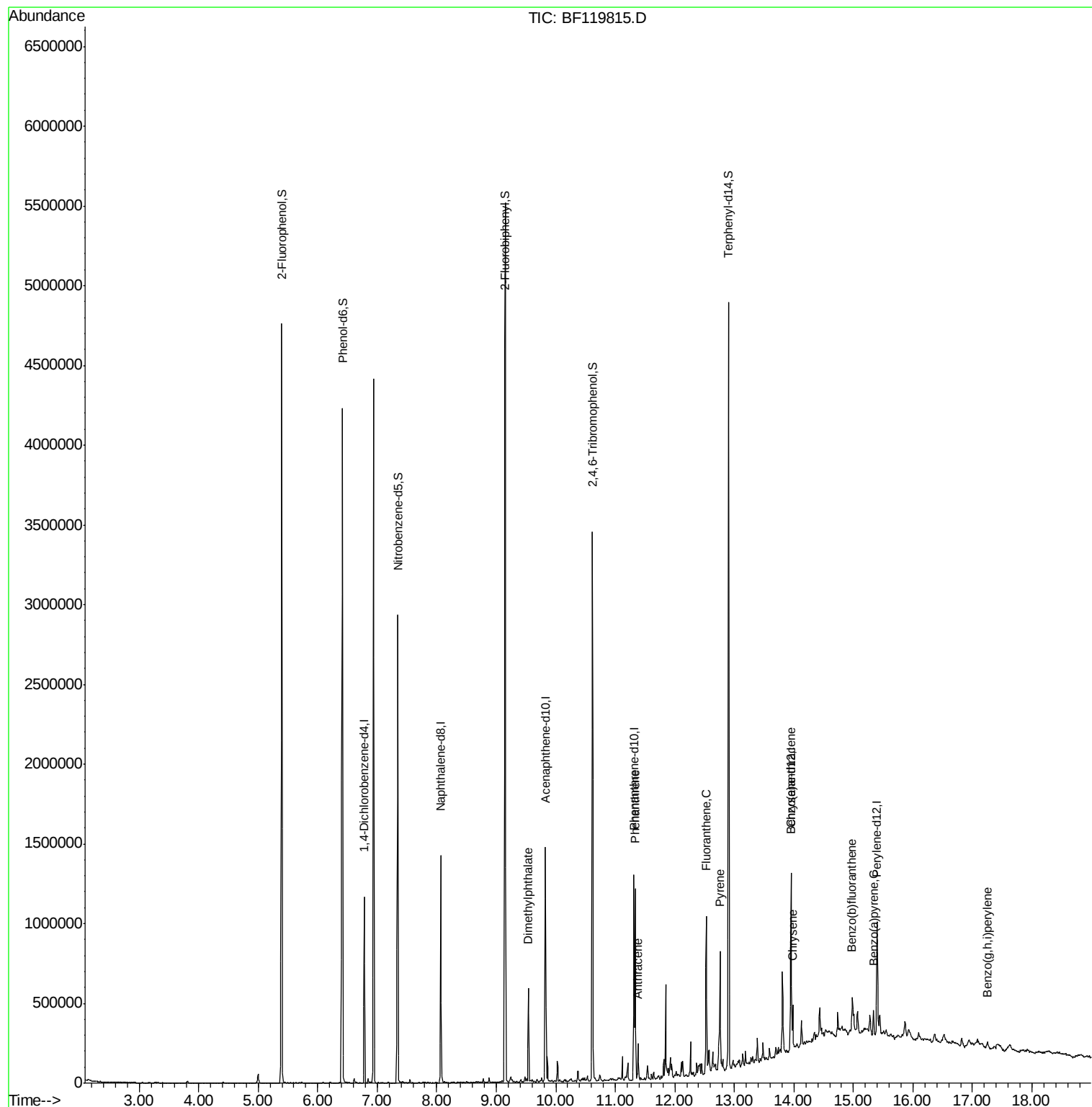
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119815.D
Acq On : 7 Apr 2020 12:08
Operator : MA/SJ
Sample : L2148-03
Misc :
ALS Vial : 53 Sample Multiplier: 1

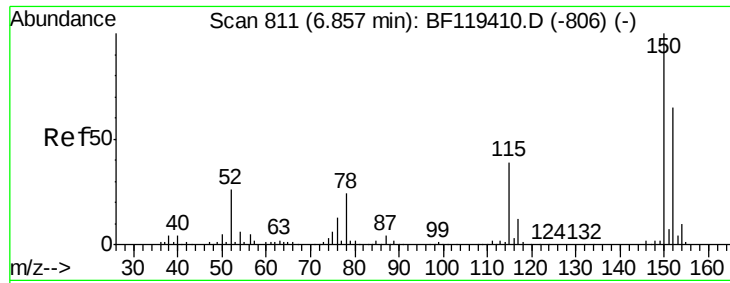
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-055-B

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 06 11:15:16 2020
Response via : Initial Calibration





#1

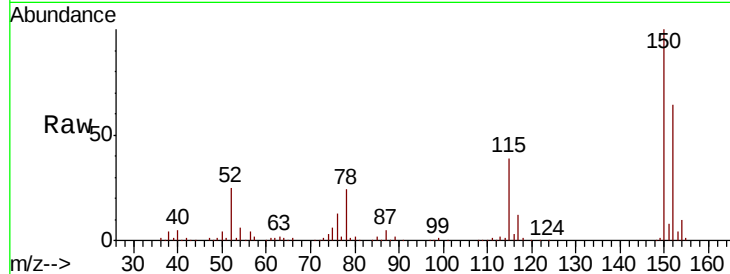
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF119815.D
Acq: 7 Apr 2020 12:08

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-055-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.5	186.7
115	60.9	49.6	74.4

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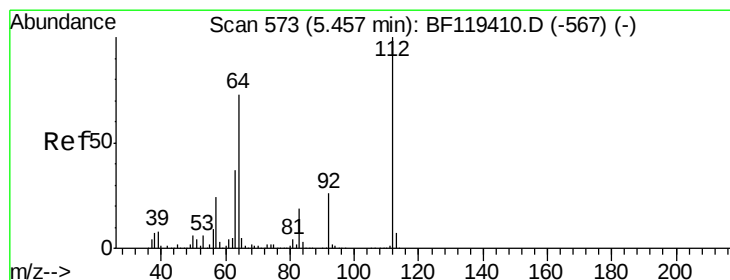
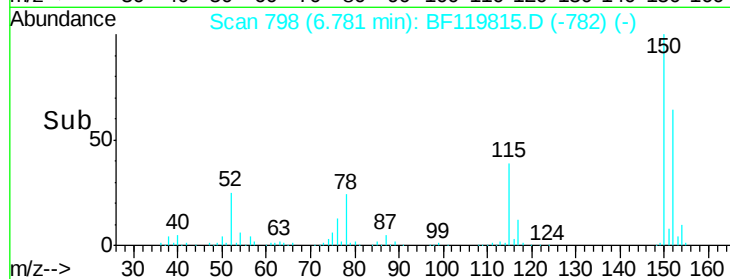
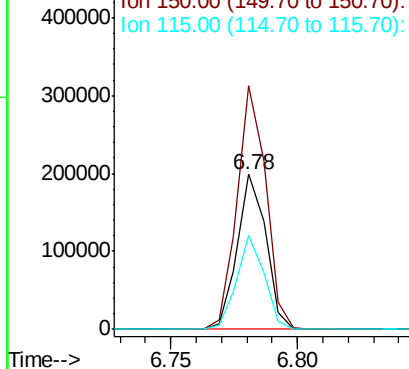


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

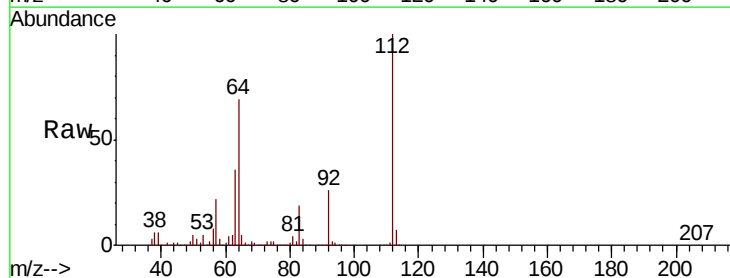
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 129.772 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF119815.D
Acq: 7 Apr 2020 12:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.1	56.7	85.1
63	35.5	29.5	44.3

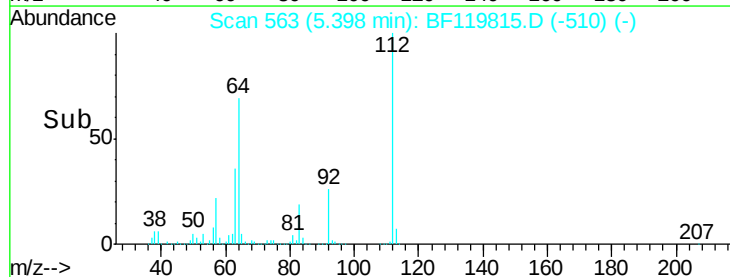
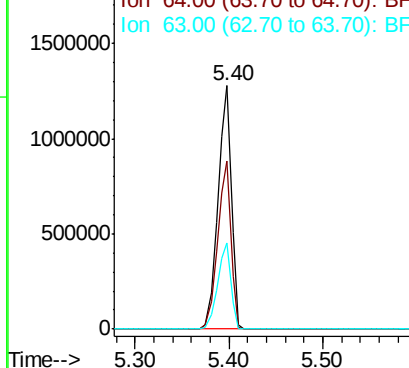


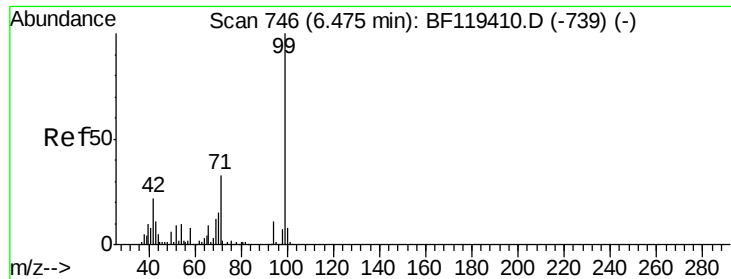
Abundance

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: 128.829 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF119815.D

Acq: 7 Apr 2020 12:08

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-055-B

Tot Ion: 99 Resp: 1615058

Ion Ratio Lower Upper

99 100

42 20.1 16.6 24.8

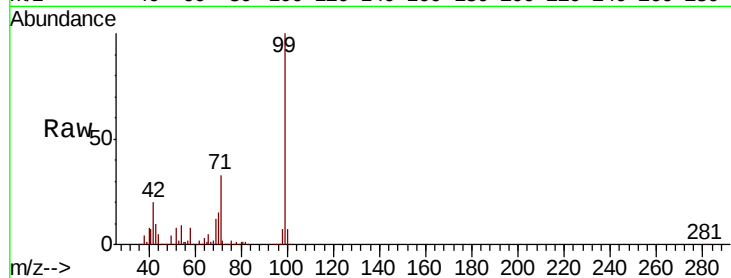
71 33.3 26.4 39.6

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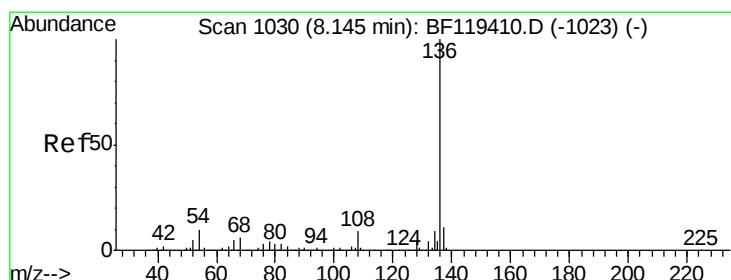
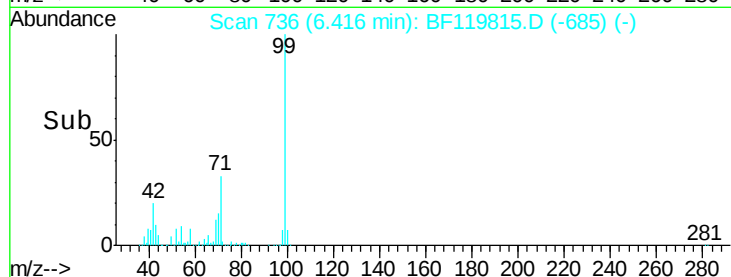
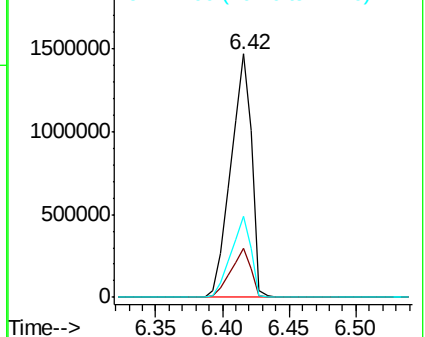
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Abundance Ion 99.00 (98.70 to 99.70): BF1
2000000 Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF119815.D

Acq: 7 Apr 2020 12:08

Tgt Ion: 136 Resp: 566500

Ion Ratio Lower Upper

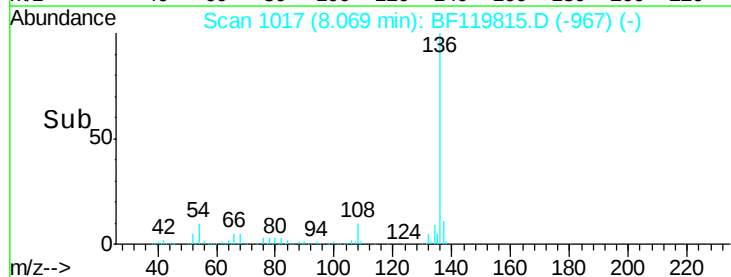
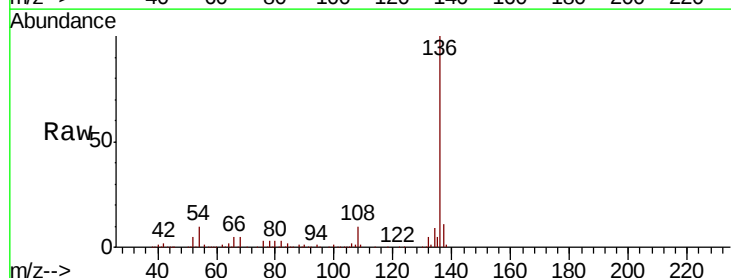
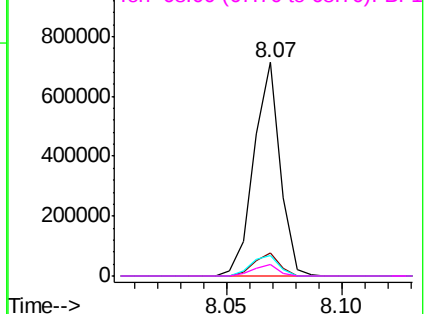
136 100

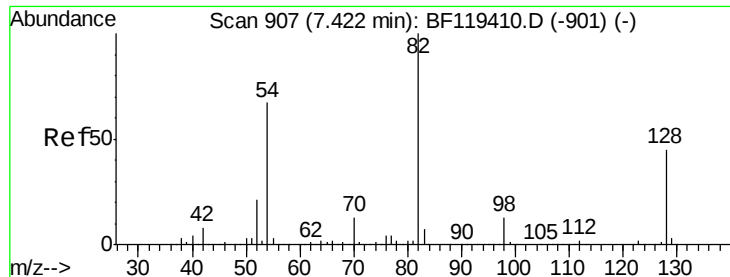
137 11.0 8.7 13.1

54 9.8 9.1 13.7

68 5.3 4.6 6.8

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





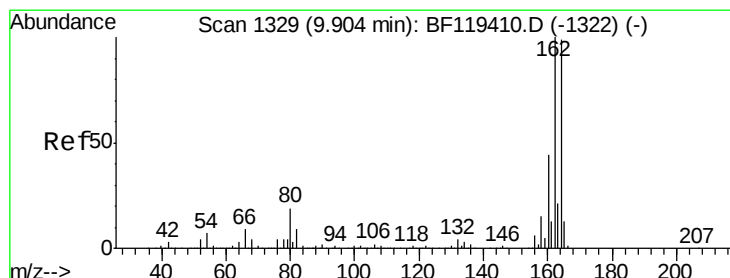
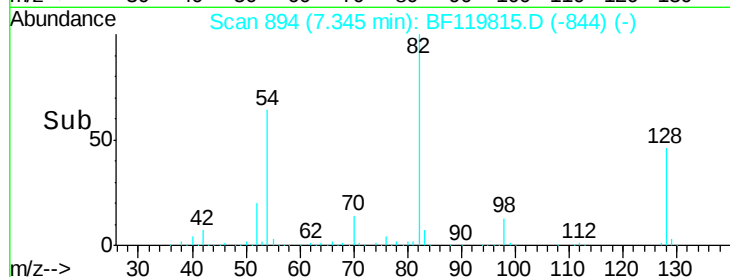
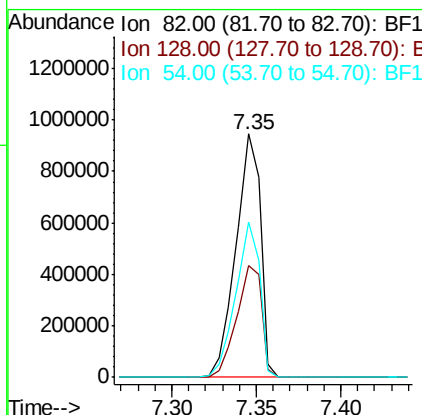
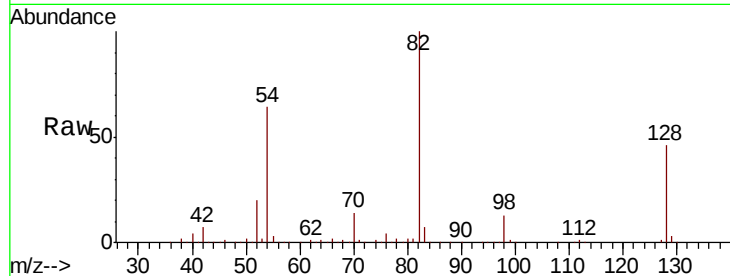
#23
Nitrobenzene-d5
Concen: 92.286 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF119815.D
Acq: 7 Apr 2020 12:08

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-055-B

Tot Ion	82	Resp	961949
Ion Ratio	100	Lower	Upper
128	45.7	36.3	54.5
54	63.8	50.6	75.8

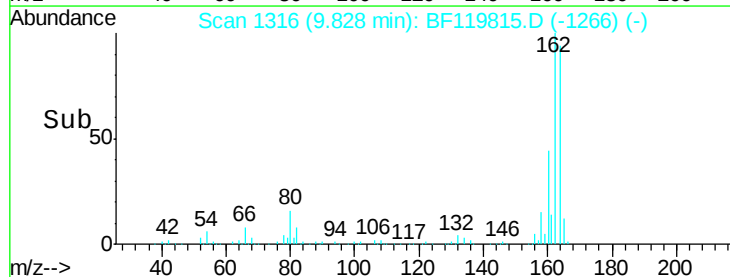
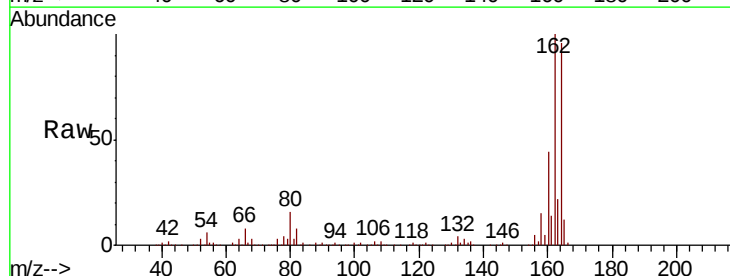
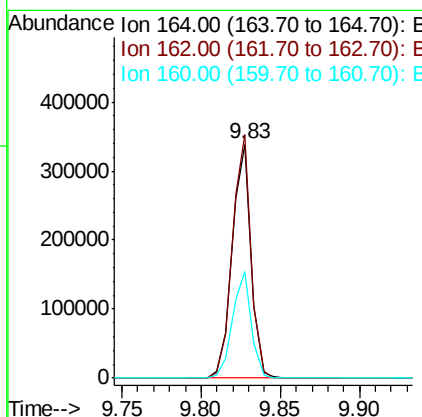
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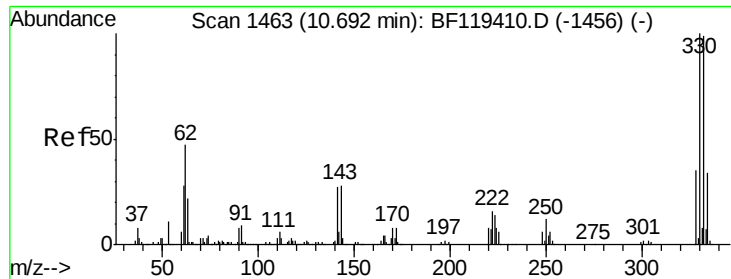
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF119815.D
Acq: 7 Apr 2020 12:08

Tgt Ion	164	Resp	278661
Ion Ratio	100	Lower	Upper
162	104.2	80.6	121.0
160	45.6	35.7	53.5





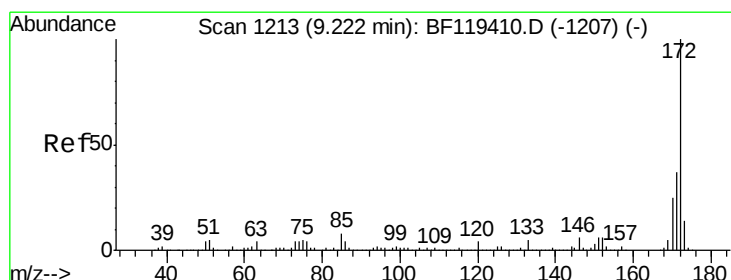
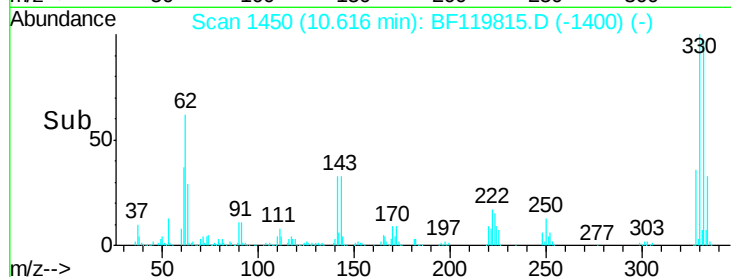
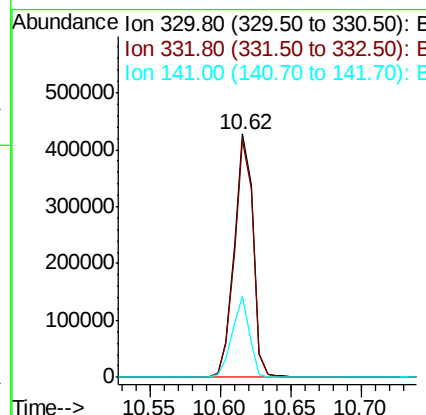
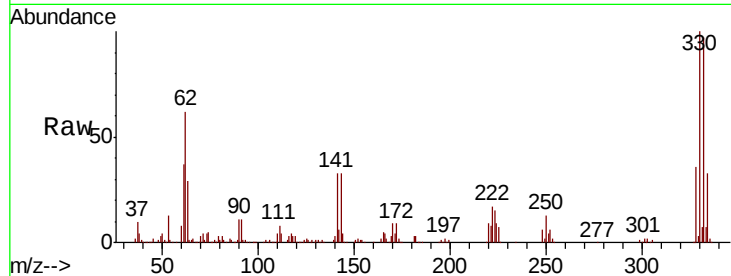
#42
 2,4,6-Tribromophenol
 Concen: 138.507 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF119815.D
 Acq: 7 Apr 2020 12:08

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-055-B

Tot Ion	Ratio	Resp	Lower	Upper
330	100	398187		
332	97.2	75.7	113.5	
141	31.2	25.4	38.0	

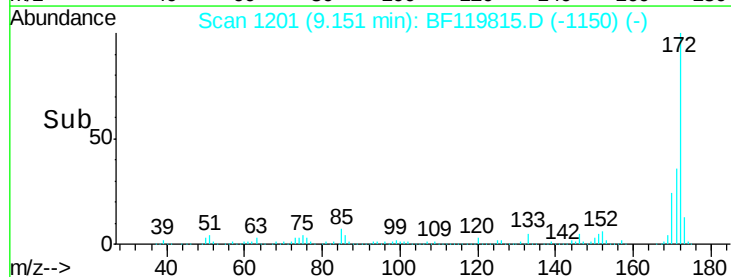
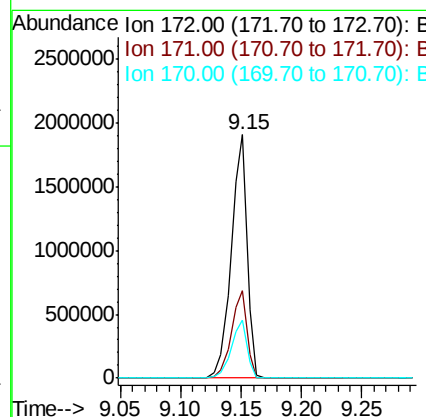
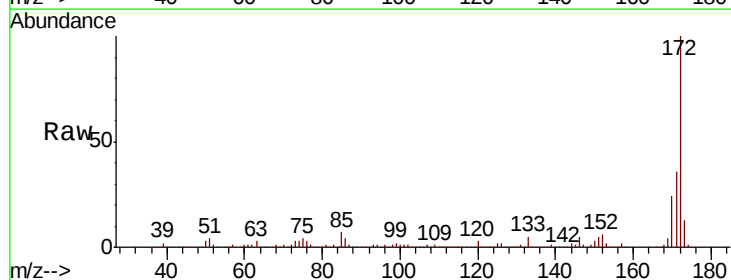
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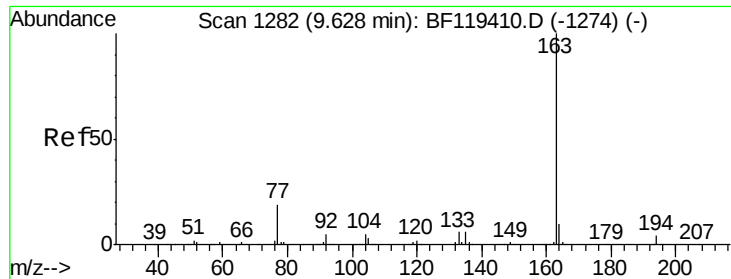
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#45
 2-Fluorobiphenyl
 Concen: 92.042 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF119815.D
 Acq: 7 Apr 2020 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1731281		
171	35.9	29.6	44.4	
170	24.0	20.2	30.2	





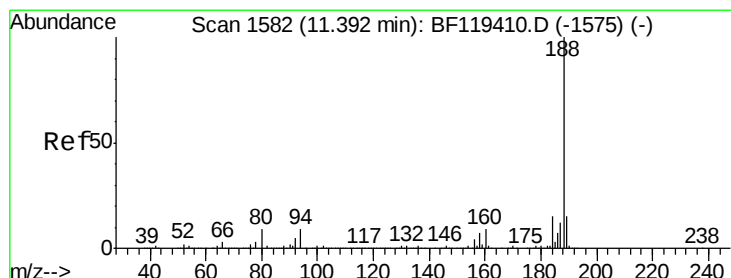
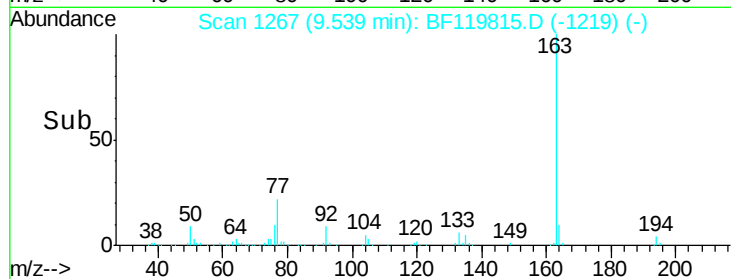
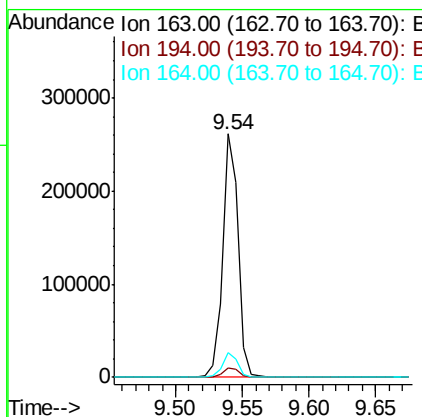
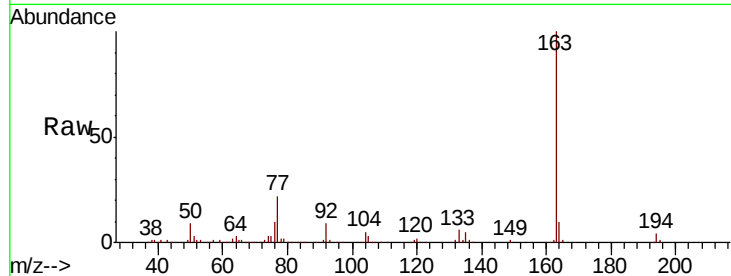
#50
Dimethylphthalate
Concen: 10.817 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF119815.D
Acq: 7 Apr 2020 12:08

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-055-B

Tot Ion	Ratio	Resp	Lower	Upper
163	100	214115		
194	3.7		3.1	4.7
164	10.1		8.2	12.2

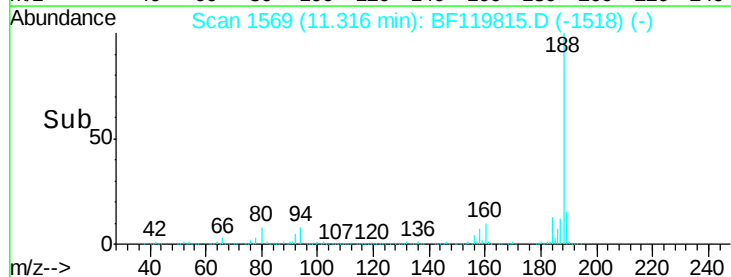
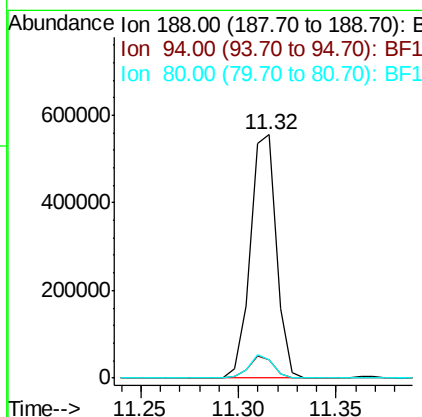
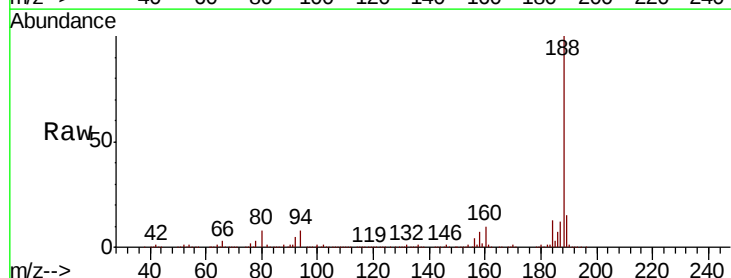
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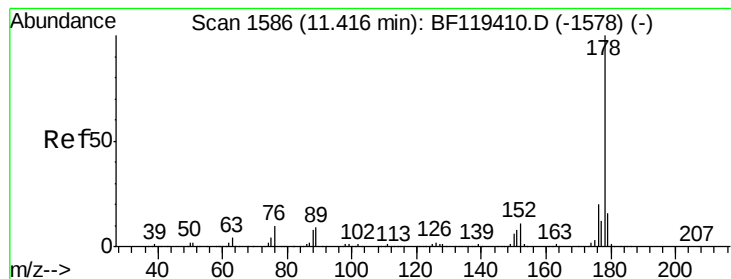
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF119815.D
Acq: 7 Apr 2020 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	512451		
94	7.8		7.5	11.3
80	7.7		9.0	13.4#





#71

Phenanthrene

Concen: 16.723 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BF119815.D

Acq: 7 Apr 2020 12:08

Instrument :

BNA_F

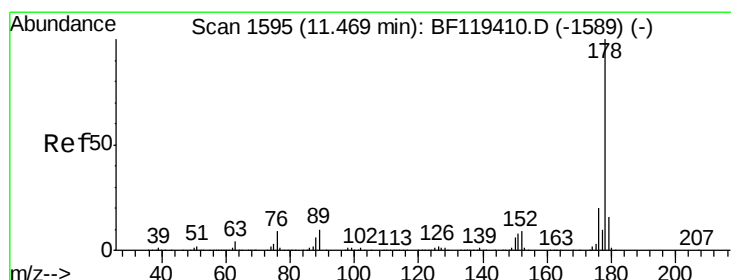
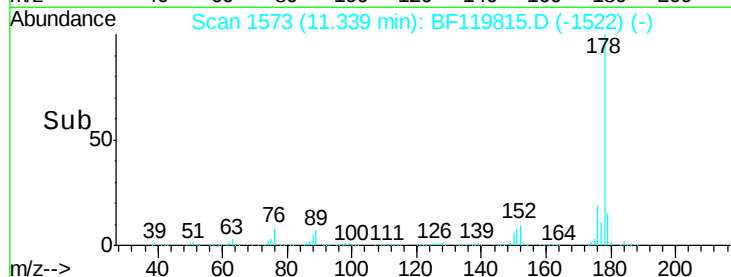
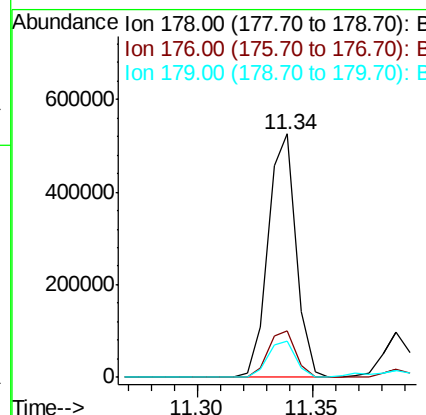
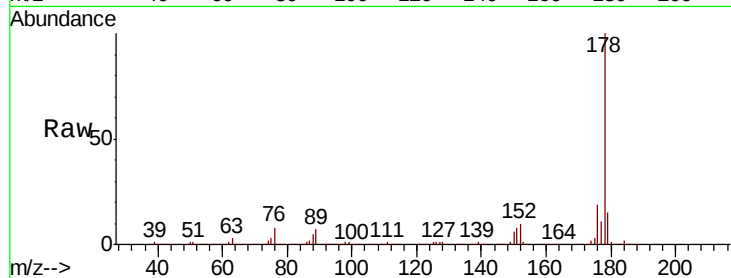
ClientSampleId :

FK-GF-02-055-B

Tot Ion:	178	Resp:	444359
Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	15.1	13.2	19.8

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#72

Anthracene

Concen: 2.904 ng

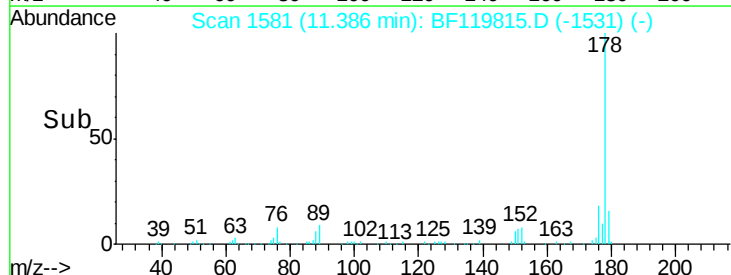
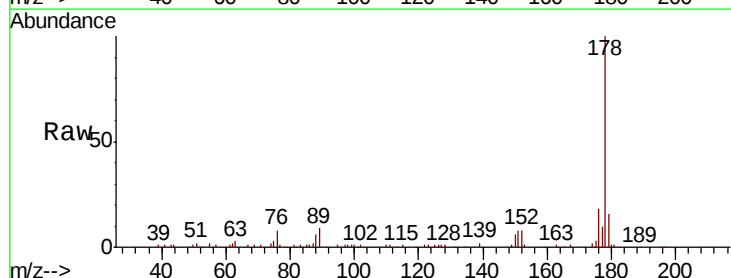
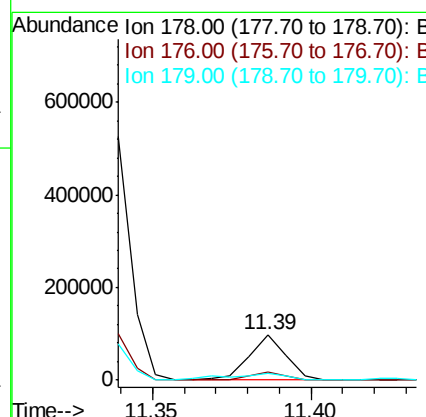
RT: 11.39 min Scan# 1581

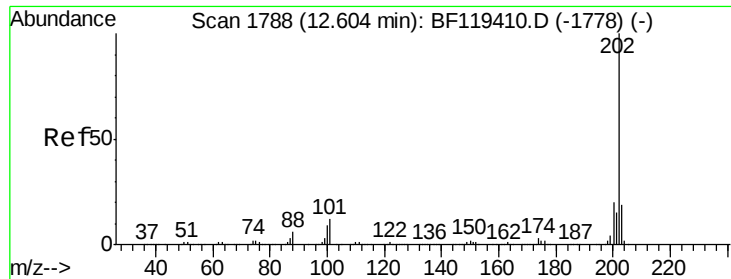
Delta R.T. -0.01 min

Lab File: BF119815.D

Acq: 7 Apr 2020 12:08

Tgt Ion:	178	Resp:	78425
Ion	Ratio	Lower	Upper
178	100		
176	17.6	16.1	24.1
179	16.3	13.0	19.4





#75

Fluoranthene

Concen: 12.640 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.00 min

Lab File: BF119815.D

Acq: 7 Apr 2020 12:08

Instrument :

BNA_F

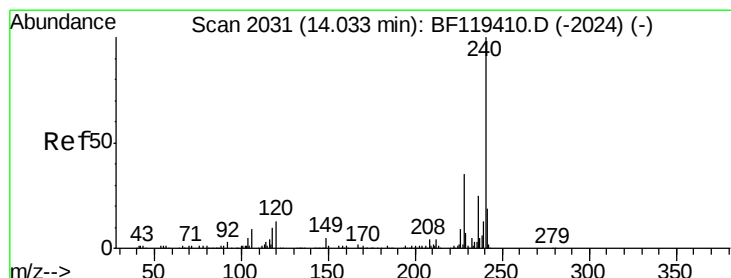
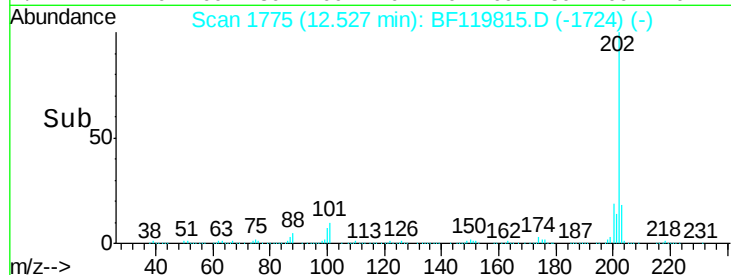
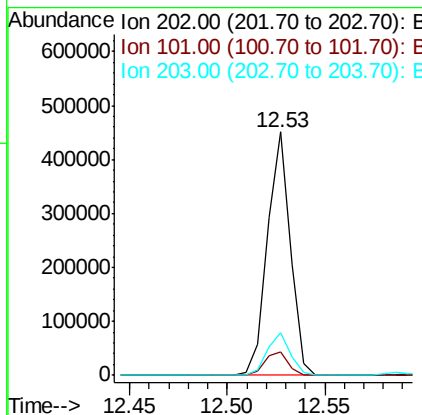
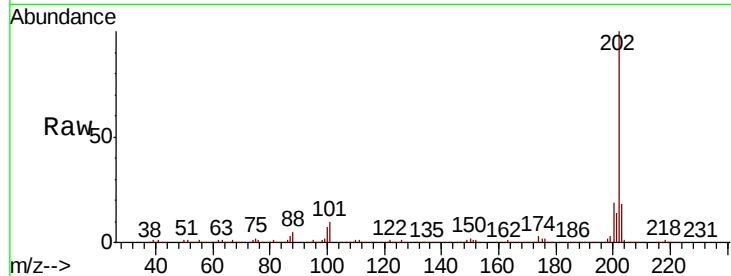
ClientSampleId :

FK-GF-02-055-B

Tot Ion:	202	Resp:	363501
Ion Ratio		Lower	Upper
202	100		
101	9.9	0.0	32.2
203	17.5	0.0	38.8

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#76

Chrysene-d12

Concen: 20.000 ng

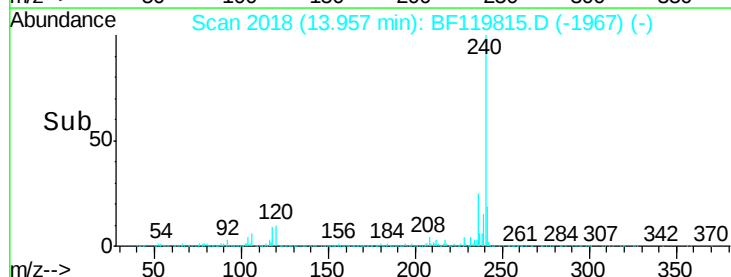
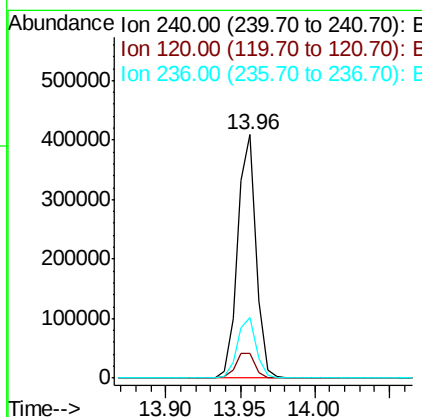
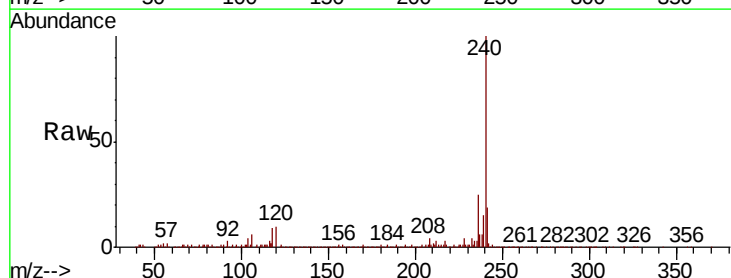
RT: 13.96 min Scan# 2018

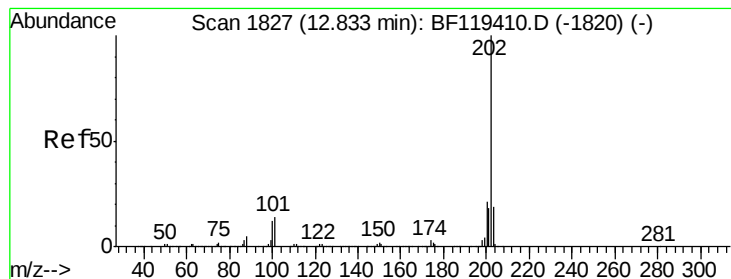
Delta R.T. -0.00 min

Lab File: BF119815.D

Acq: 7 Apr 2020 12:08

Tgt Ion:	240	Resp:	355955
Ion Ratio		Lower	Upper
240	100		
120	9.9	10.6	15.8#
236	24.9	20.2	30.2





#78

Pvrene

Concen: 10.449 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.00 min

Lab File: BF119815.D

Acq: 7 Apr 2020 12:08

Instrument :

BNA_F

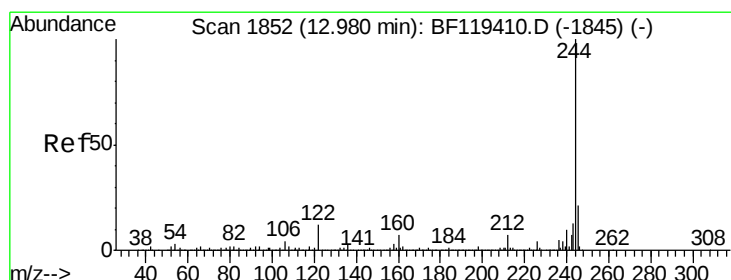
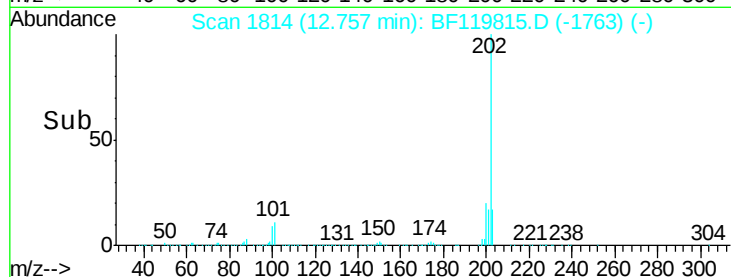
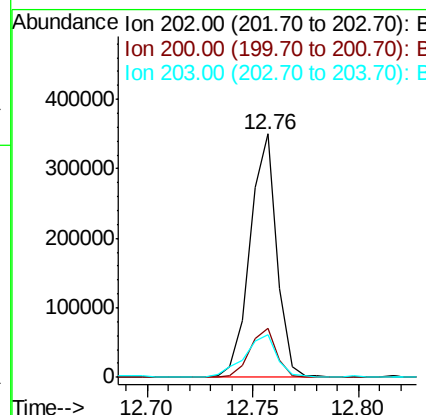
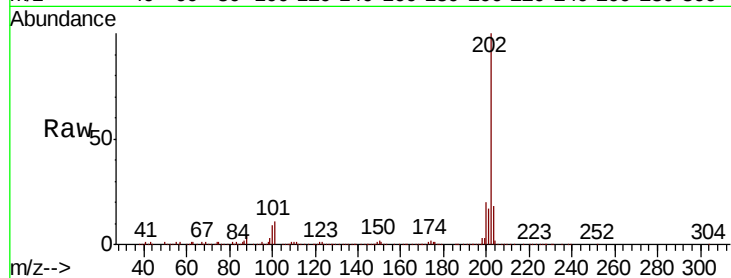
ClientSampleId :

FK-GF-02-055-B

Tot Ion:	202	Resp:	305258
Ion Ratio	Lower	Upper	
202	100		
200	19.9	16.8	25.2
203	17.6	15.1	22.7

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#79

Terphenyl-d14

Concen: 97.437 ng

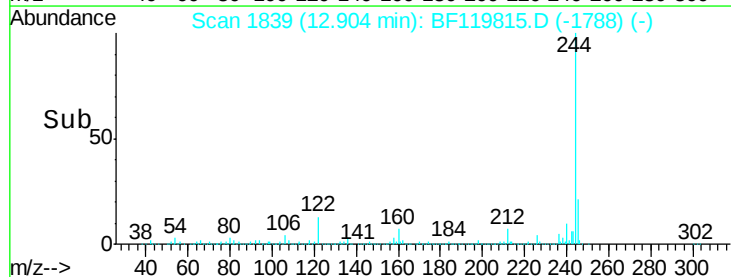
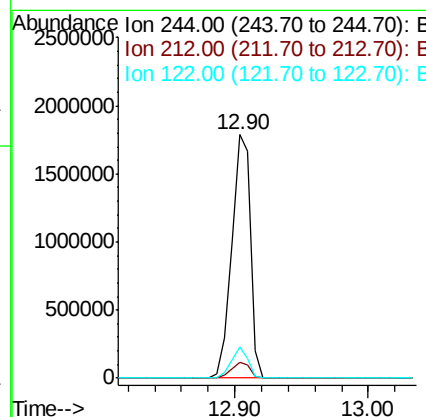
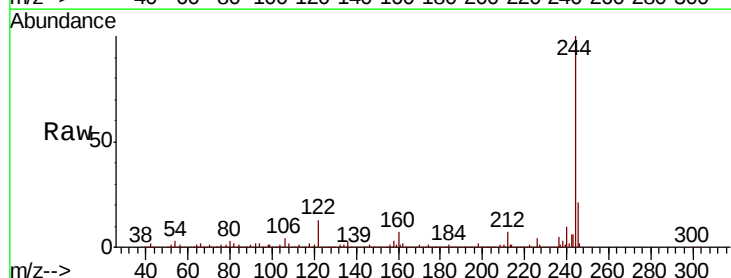
RT: 12.90 min Scan# 1839

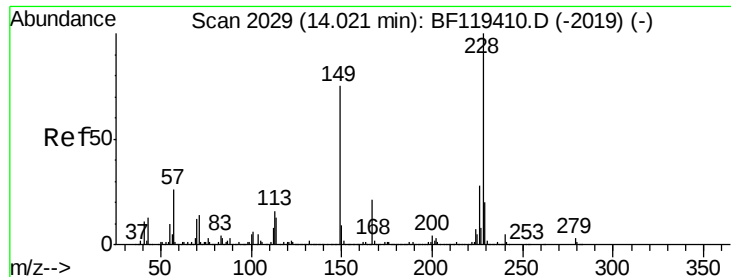
Delta R.T. -0.00 min

Lab File: BF119815.D

Acq: 7 Apr 2020 12:08

Tgt Ion:	244	Resp:	1770264
Ion Ratio	Lower	Upper	
244	100		
212	6.5	5.8	8.8
122	12.9	10.3	15.5





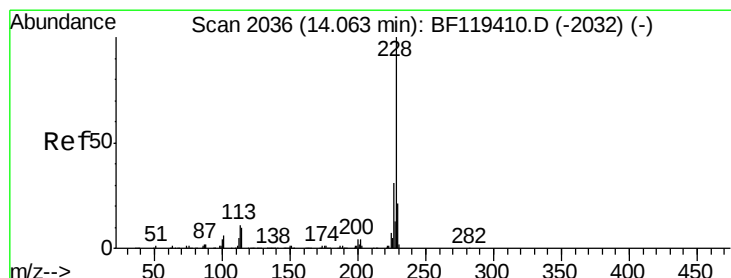
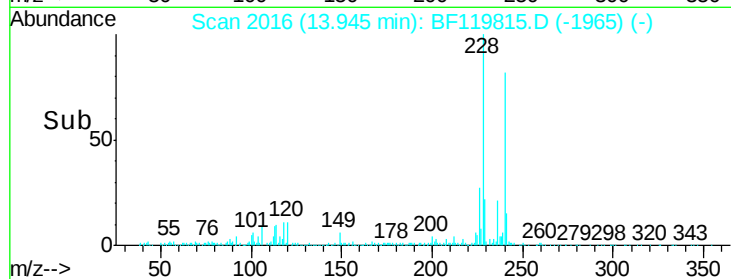
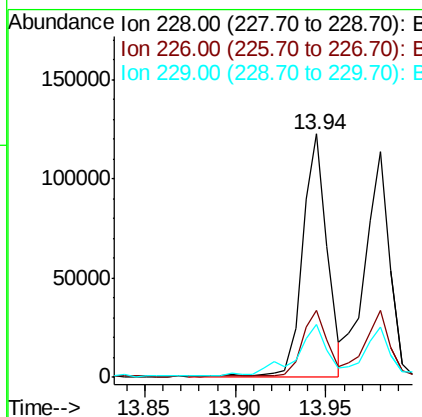
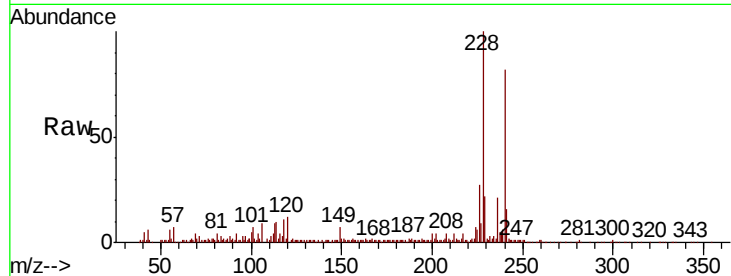
#81
Benzo(a)anthracene
Concen: 4.998 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF119815.D
Acq: 7 Apr 2020 12:08

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-055-B

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	21.9	16.2	24.4

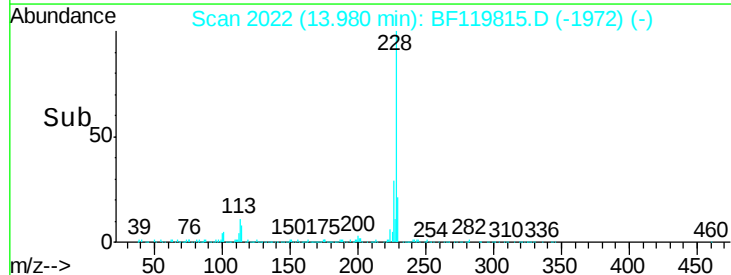
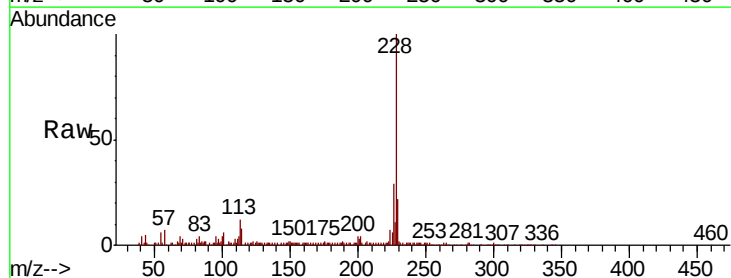
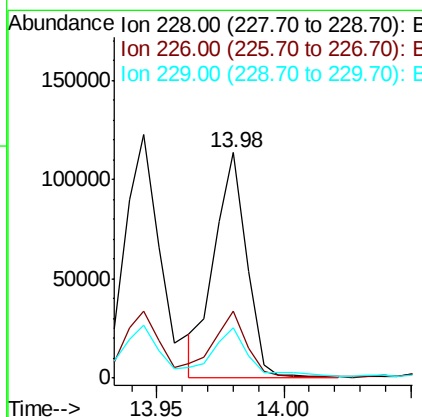
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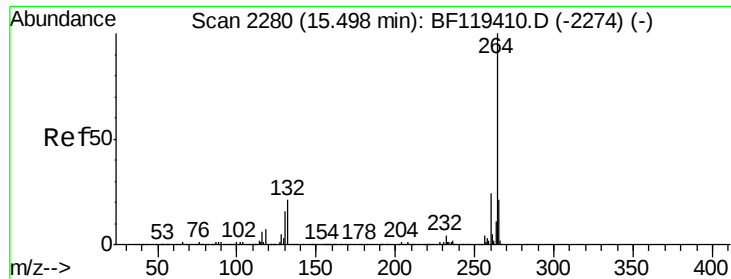
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#83
Chrysene
Concen: 4.198 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF119815.D
Acq: 7 Apr 2020 12:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.4	38.0
229	22.4	16.6	24.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2263

Delta R.T. -0.00 min

Lab File: BF119815.D

Acq: 7 Apr 2020 12:08

Instrument :

BNA_F

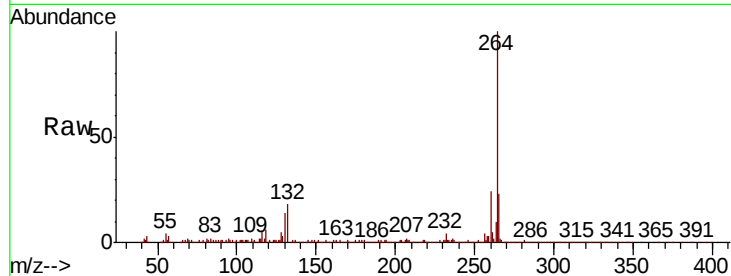
ClientSampleId :

FK-GF-02-055-B

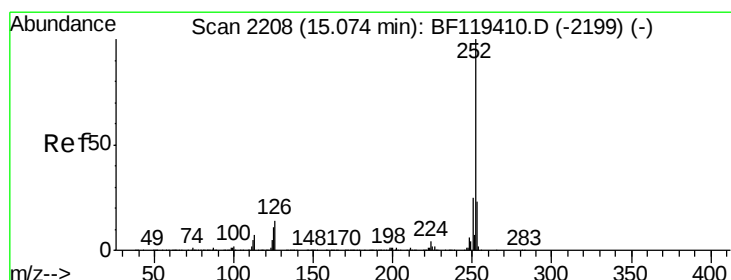
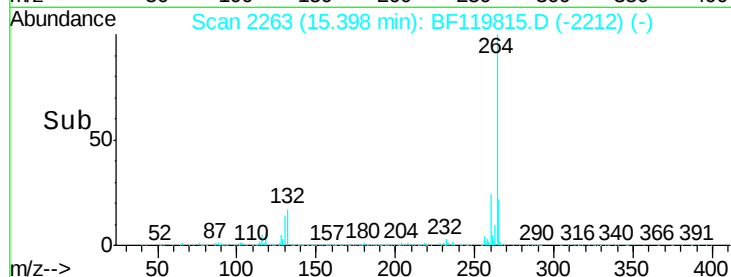
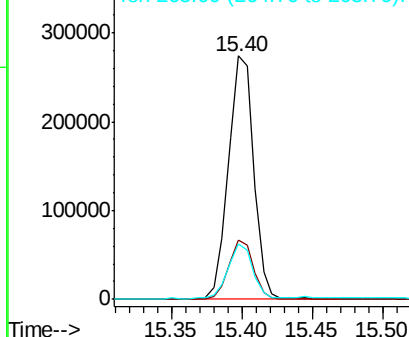
Tot Ion:	264	Resp:	342268
Ion Ratio		Lower	Upper
264	100		
260	24.1	18.7	28.1
265	22.8	17.7	26.5

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 4.973 ng m

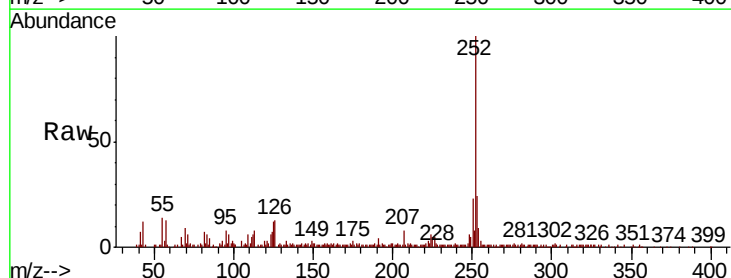
RT: 14.98 min Scan# 2192

Delta R.T. -0.01 min

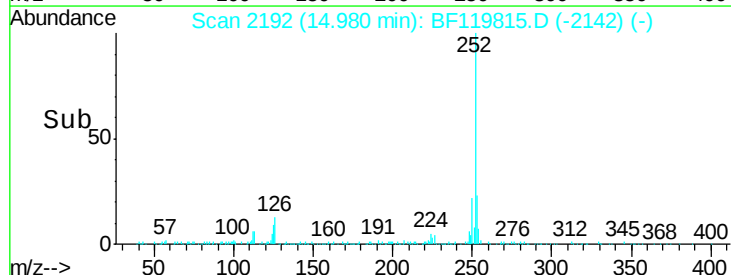
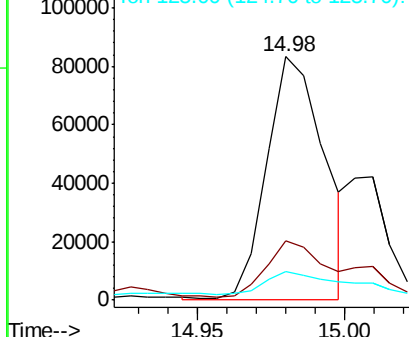
Lab File: BF119815.D

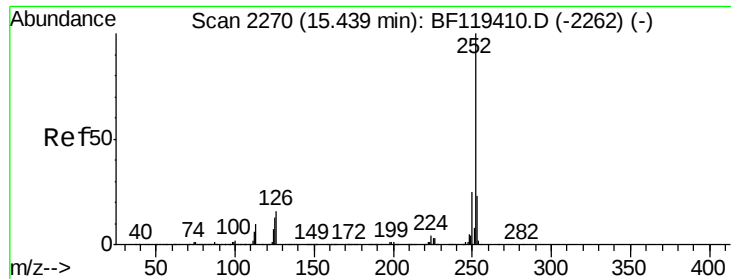
Acq: 7 Apr 2020 12:08

Tgt Ion:	252	Resp:	113707
Ion Ratio		Lower	Upper
252	100		
253	24.1	17.4	26.0
125	11.8	7.9	11.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





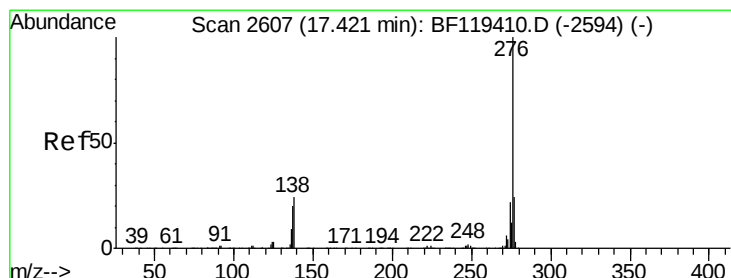
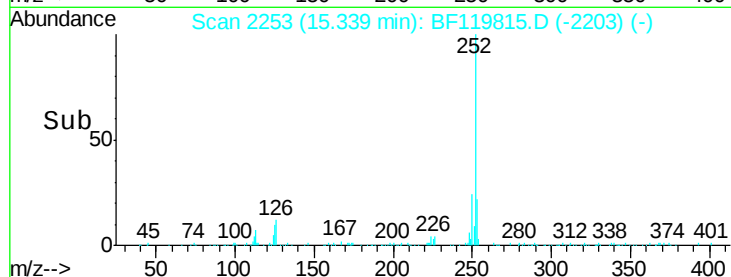
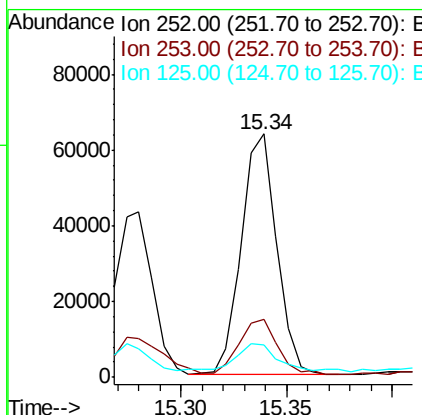
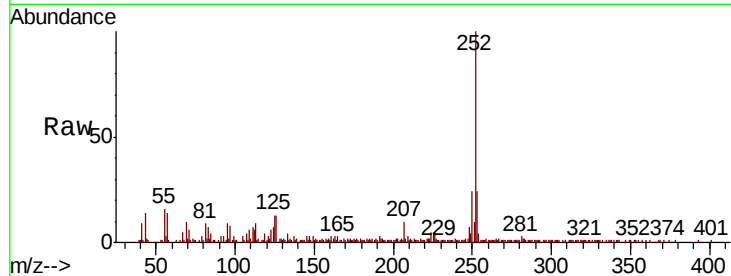
#90
Benzo(a)pyrene
Concen: 3.570 ng
RT: 15.34 min Scan# 2253
Delta R.T. -0.01 min
Lab File: BF119815.D
Acq: 7 Apr 2020 12:08

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-055-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.2	27.2
125	13.3	9.4	14.2

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#92
Benzo(g,h,i)perylene
Concen: 2.079 ng
RT: 17.25 min Scan# 2578
Delta R.T. -0.02 min
Lab File: BF119815.D
Acq: 7 Apr 2020 12:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.4	27.6
138	21.9	15.4	23.0

