

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
 Data File : BF119128.D
 Acq On : 28 Feb 2020 1:02
 Operator : CG/JU
 Sample : L1696-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-052-B

Manual Integrations
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mohammad
 2/28/2020 2:42:02 PM

Quant Time: Feb 28 05:59:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	140000	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	481454	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	219945	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	338101	20.00	ng	0.00
76) Chrysene-d12	13.90	240	341026	20.00	ng	0.00
87) Perylene-d12	15.33	264	382259	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	712190	85.01	ng	0.00
7) Phenol-d6	6.39	99	827107	81.18	ng	-0.01
23) Nitrobenzene-d5	7.31	82	520292	57.06	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	189072	65.71	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	893372	59.84	ng	0.00
79) Terphenyl-d14	12.85	244	892226	45.04	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.50	163	101280	6.022	ng	99
71) Phenanthrene	11.29	178	130949	7.102	ng	97
72) Anthracene	11.34	178	60011	3.257	ng	96
75) Fluoranthene	12.47	202	379453	19.388	ng	98
78) Pyrene	12.70	202	314546	11.486	ng	98
81) Benzo(a)anthracene	13.89	228	212256	9.135	ng	100
83) Chrysene	13.93	228	193104	8.340	ng	97
86) Indeno(1,2,3-cd)pyrene	16.74	276	83273	3.714	ng	95
88) Benzo(b)fluoranthene	14.92	252	258598m	10.263	ng	
89) Benzo(k)fluoranthene	14.94	252	87621m	3.752	ng	
90) Benzo(a)pyrene	15.27	252	174145	7.658	ng	98
92) Benzo(a,h,i)perylene	17.16	276	76380	3.863	ng	94

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

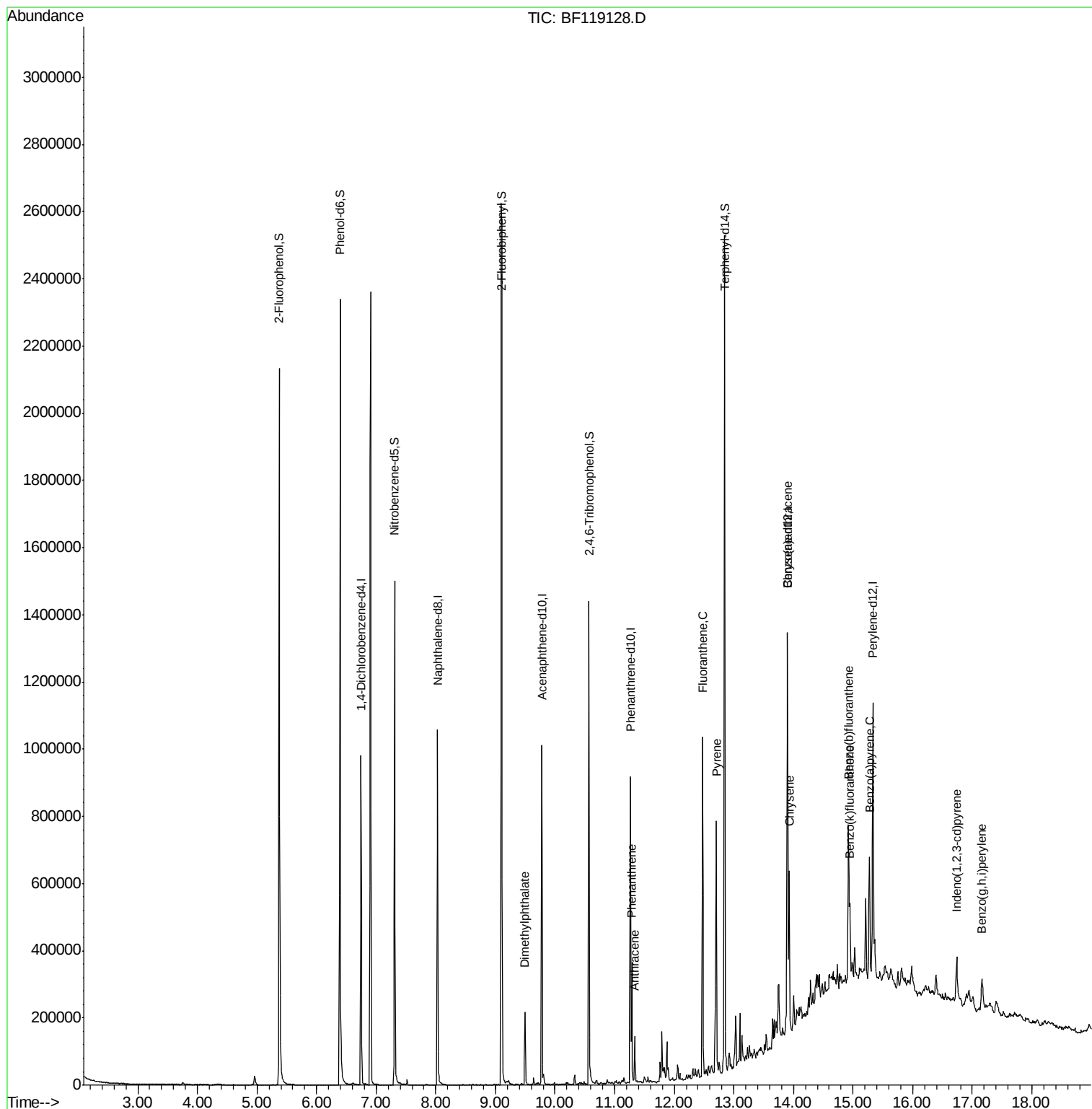
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
Data File : BF119128.D
Acq On : 28 Feb 2020 1:02
Operator : CG/JU
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

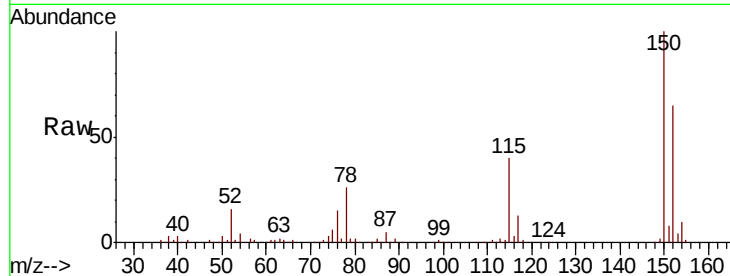
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF119128.D
Acq: 28 Feb 2020 1:02

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-052-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	123.0	184.6
115	61.3	49.5	74.3

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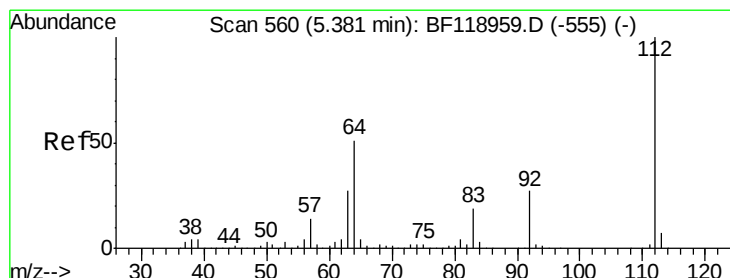
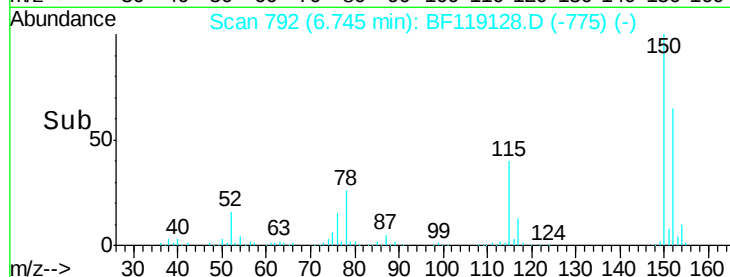
Abundance

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

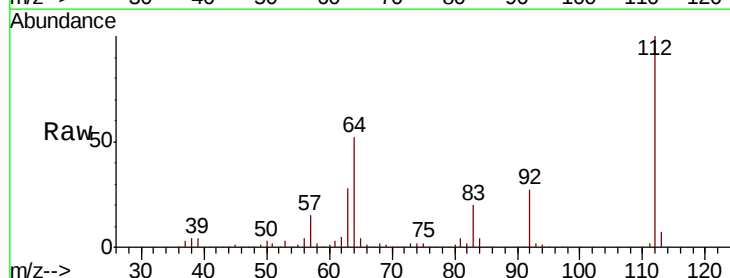
Time-->



#5

2-Fluorophenol
Concen: 85.014 ng
RT: 5.38 min Scan# 559
Delta R.T. 0.01 min
Lab File: BF119128.D
Acq: 28 Feb 2020 1:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.1	45.0	67.4
63	27.5	24.2	36.4



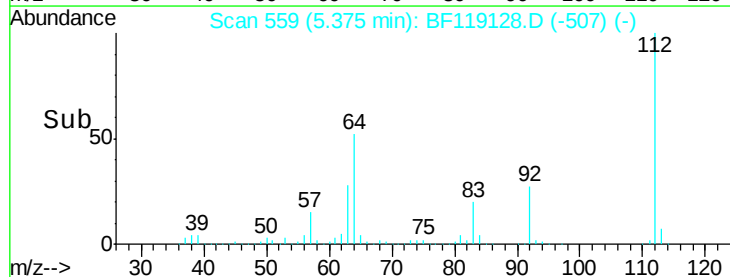
Abundance

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: 81.181 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119128.D

Acq: 28 Feb 2020 1:02

Instrument :

BNA_F

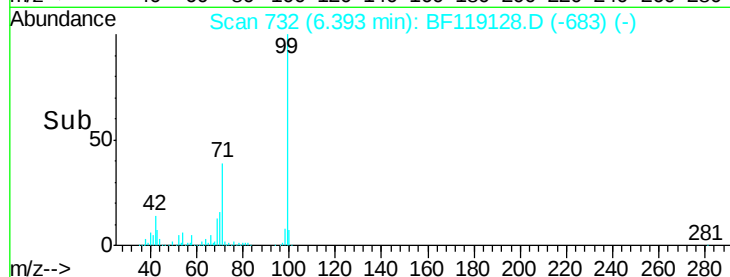
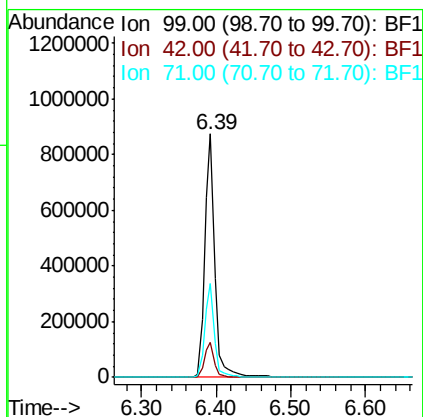
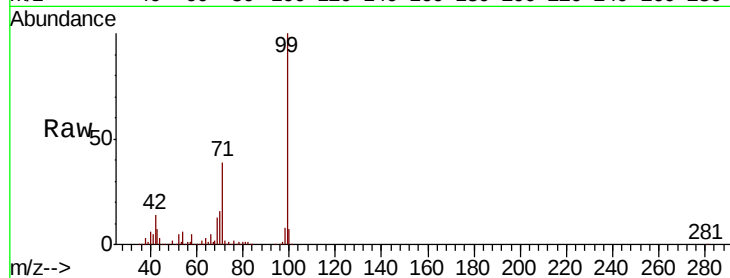
ClientSampleId :

FK-GF-02-052-B

Tot Ion:	99	Resp:	827107
Ion Ratio	Lower	Upper	
99	100		
42	14.3	12.6	18.8
71	38.6	31.0	46.4

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#21

Naphthalene-d8

Concen: 20.000 ng

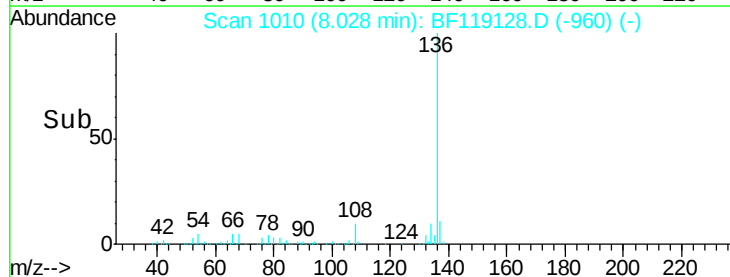
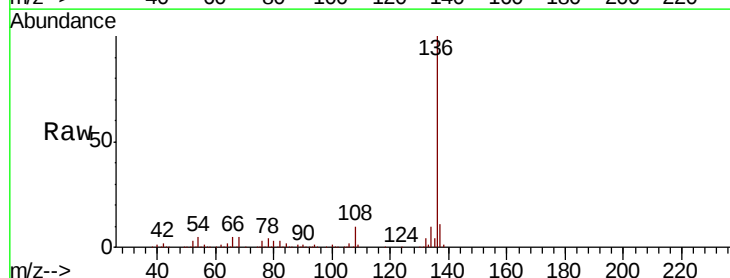
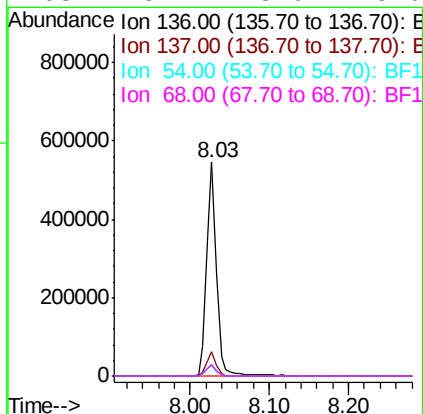
RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF119128.D

Acq: 28 Feb 2020 1:02

Tgt Ion:	136	Resp:	481454
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.8	13.2
54	5.0	3.8	5.6
68	5.1	3.9	5.9





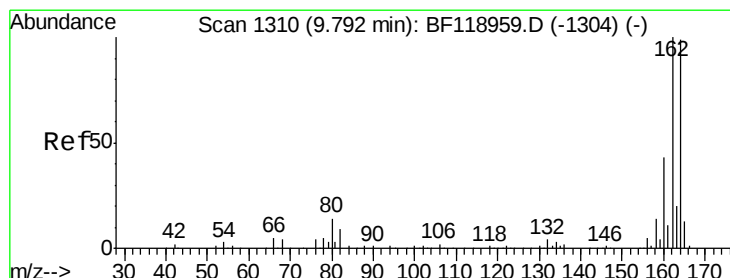
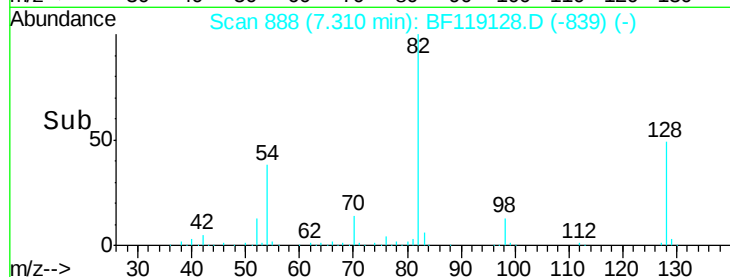
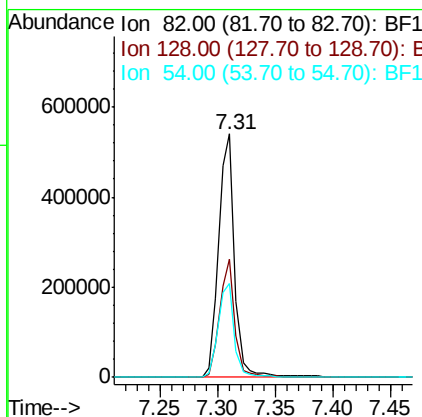
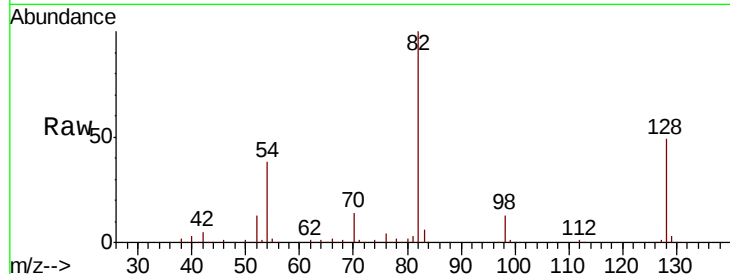
#23
 Nitrobenzene-d5
 Concen: 57.059 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF119128.D
 Acq: 28 Feb 2020 1:02

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-052-B

Tot Ion:	82	Resp:	520292
Ion Ratio	Lower	Upper	
82	100		
128	48.8	37.9	56.9
54	38.3	33.4	50.2

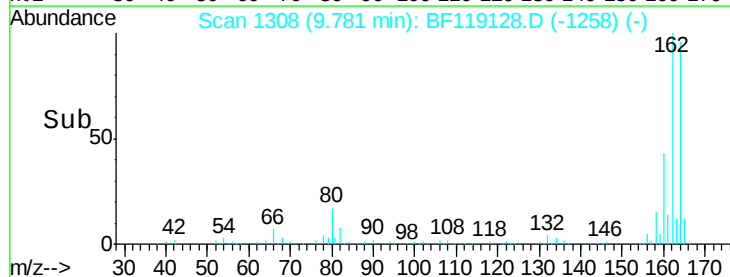
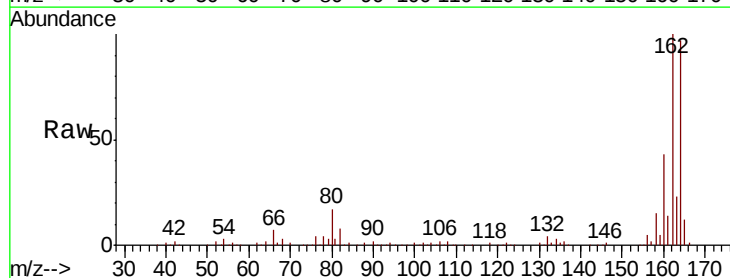
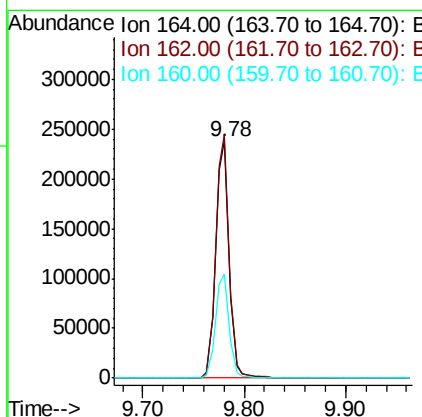
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF119128.D
 Acq: 28 Feb 2020 1:02

Tgt Ion:	164	Resp:	219945
Ion Ratio	Lower	Upper	
164	100		
162	102.7	81.8	122.8
160	44.0	36.0	54.0





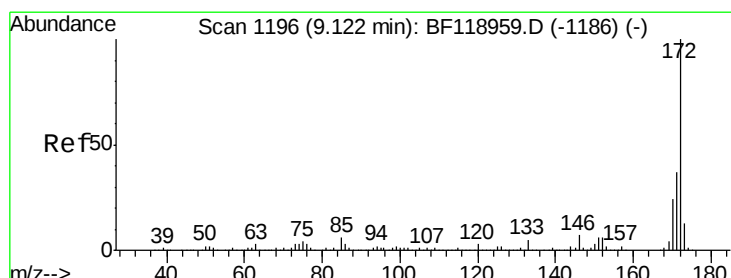
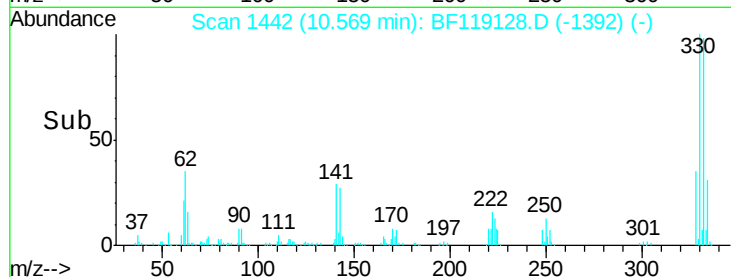
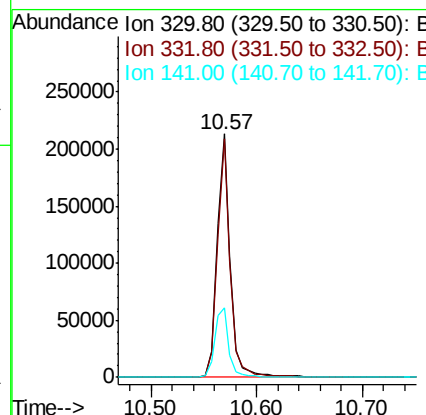
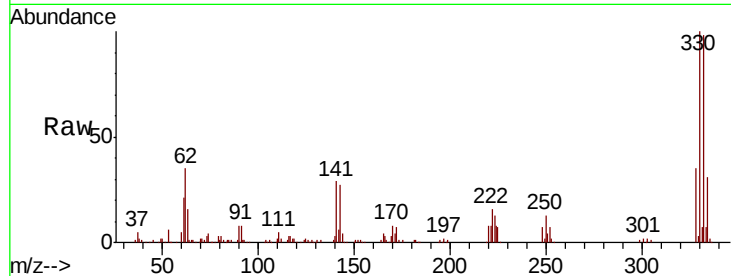
#42
 2,4,6-Tribromophenol
 Concen: 65.713 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119128.D
 Acq: 28 Feb 2020 1:02

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-052-B

Tot Ion	Ratio	Resp	Lower	Upper
330	100	189072		
332	95.6	76.0	114.0	
141	30.9	22.9	34.3	

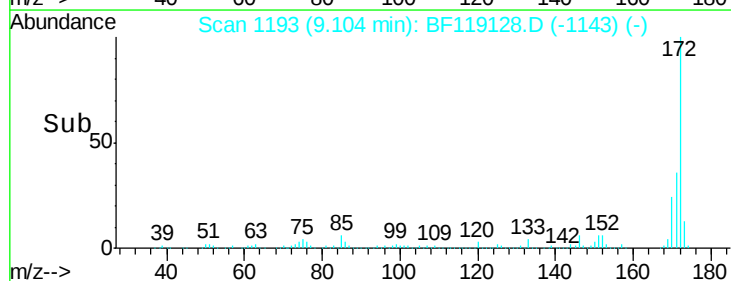
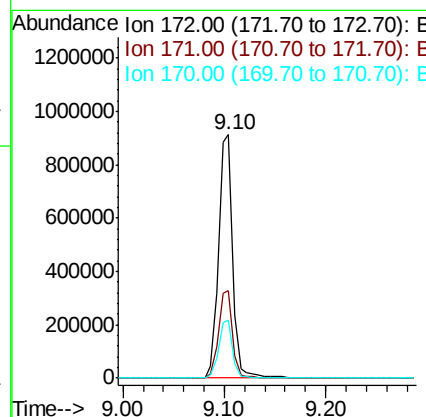
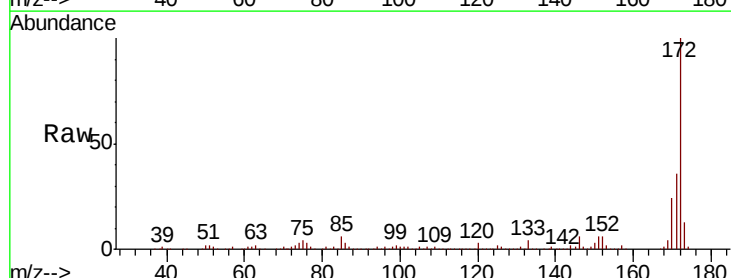
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#45
 2-Fluorobiphenyl
 Concen: 59.837 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF119128.D
 Acq: 28 Feb 2020 1:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	893372		
171	35.9	30.6	45.8	
170	23.7	20.2	30.2	





#50

Dimethylphthalate

Concen: 6.022 ng

RT: 9.50 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF119128.D

Acq: 28 Feb 2020 1:02

Instrument :

BNA_F

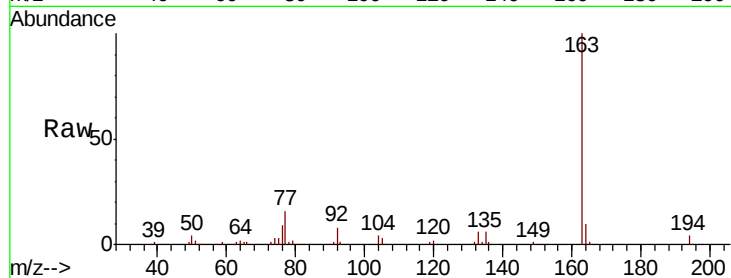
ClientSampled :

FK-GF-02-052-B

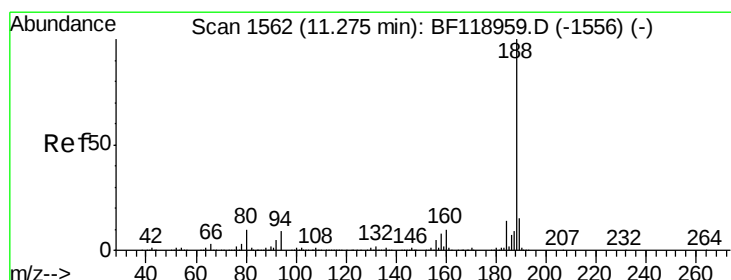
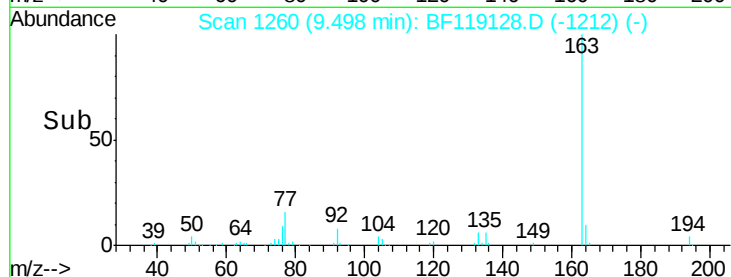
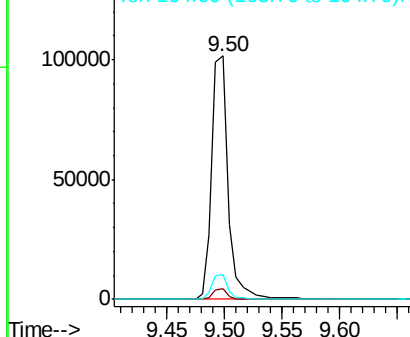
Tot Ion:	163	Resp:	101280
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.5	5.3
164	10.0	8.4	12.6

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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

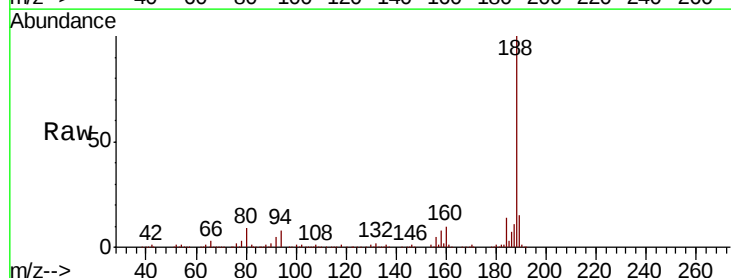
RT: 11.26 min Scan# 1560

Delta R.T. 0.00 min

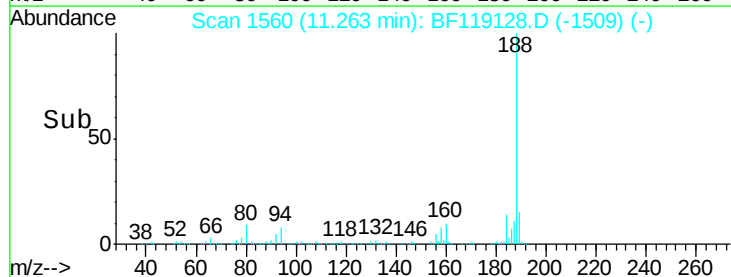
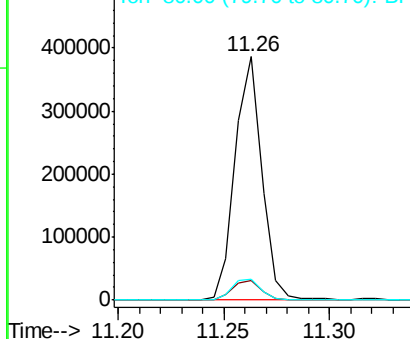
Lab File: BF119128.D

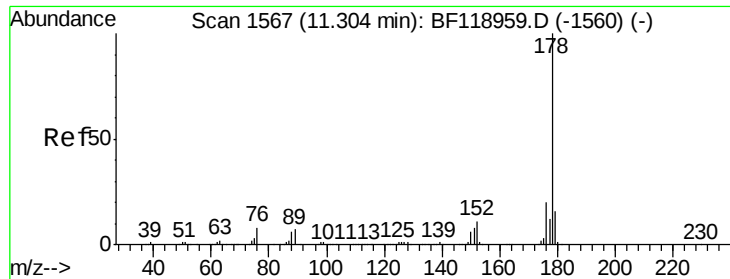
Acq: 28 Feb 2020 1:02

Tgt Ion:	188	Resp:	338101
Ion Ratio	Lower	Upper	
188	100		
94	8.2	7.1	10.7
80	8.8	7.8	11.8



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





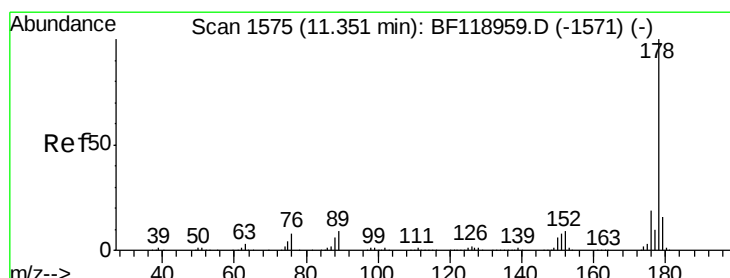
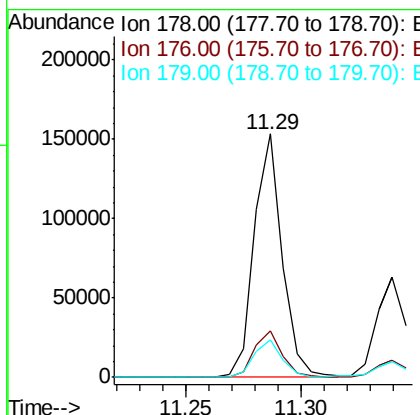
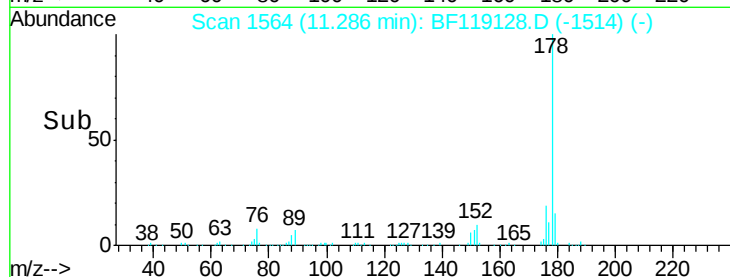
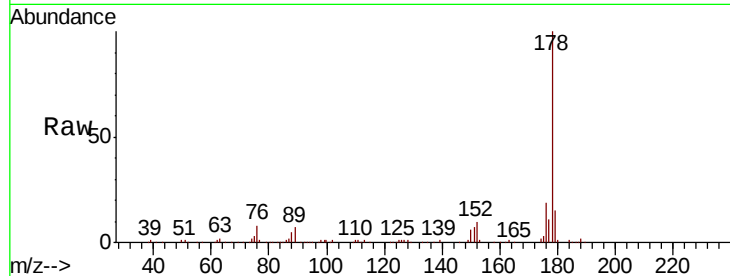
#71
Phenanthrene
Concen: 7.102 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF119128.D
Acq: 28 Feb 2020 1:02

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-052-B

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.5	24.7
179	15.2	13.0	19.6

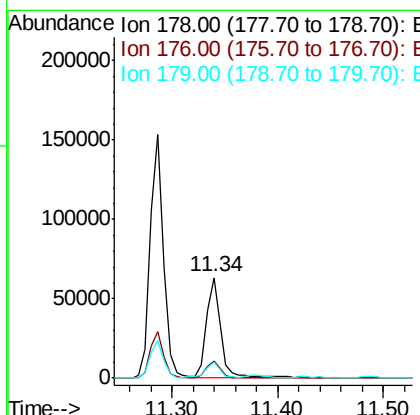
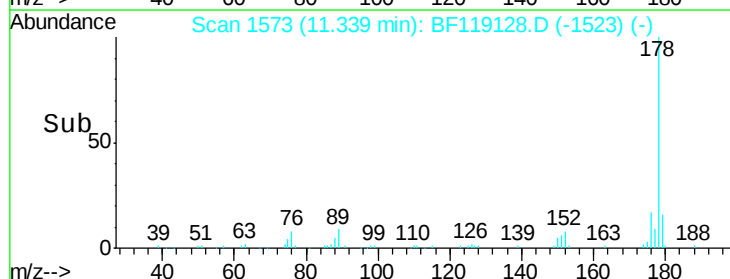
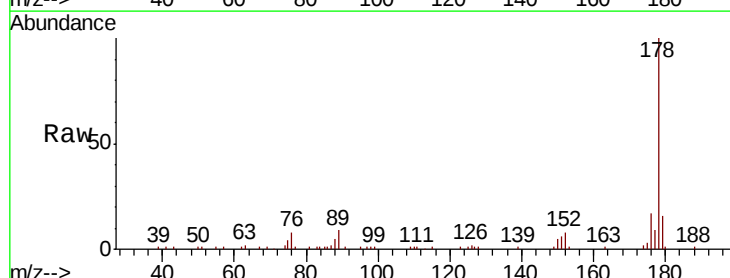
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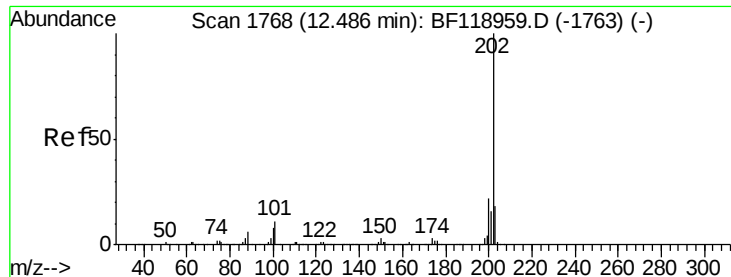
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#72
Anthracene
Concen: 3.257 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF119128.D
Acq: 28 Feb 2020 1:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.3	16.0	24.0
179	15.8	13.1	19.7





#75

Fluoranthene

Concen: 19.388 ng

RT: 12.47 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF119128.D

Acq: 28 Feb 2020 1:02

Instrument :

BNA_F

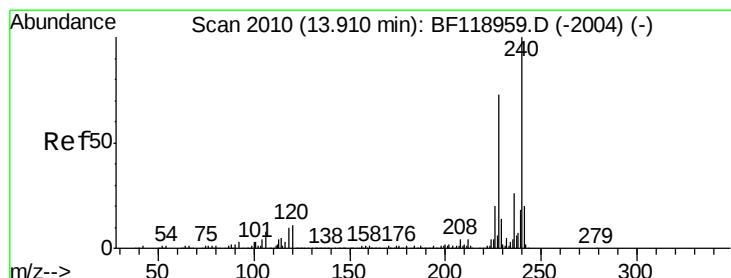
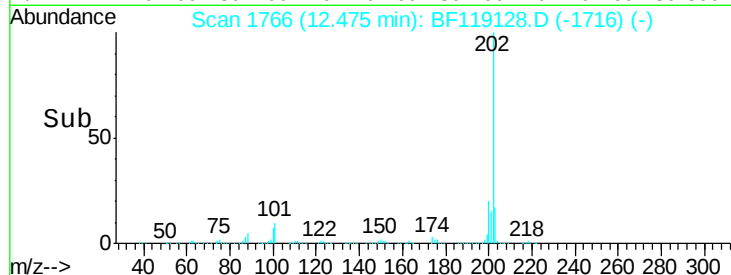
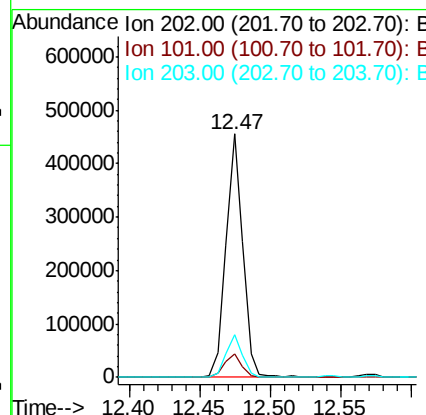
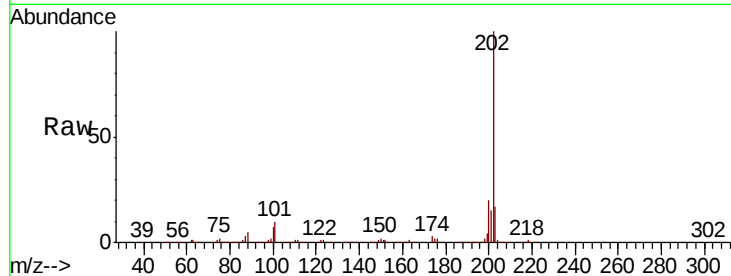
ClientSampleId :

FK-GF-02-052-B

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.8	0.0	30.3
203	17.3	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

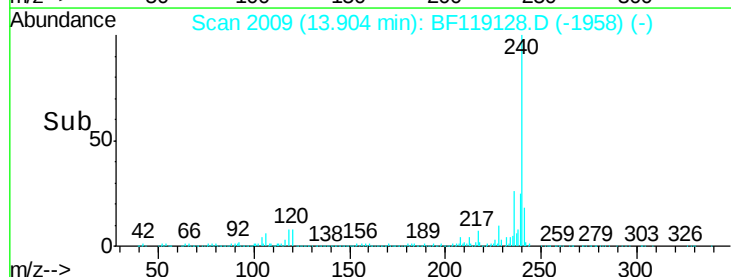
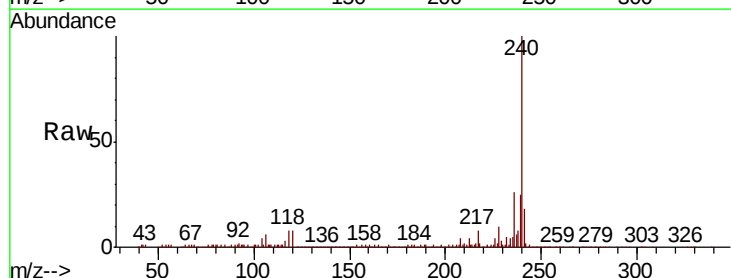
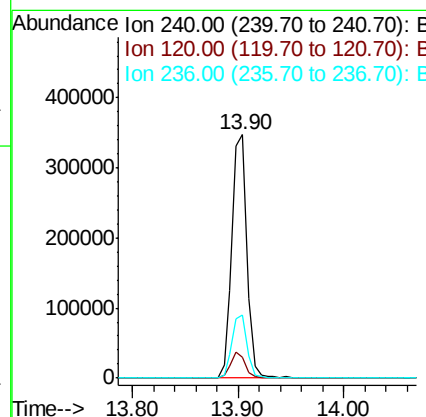
RT: 13.90 min Scan# 2009

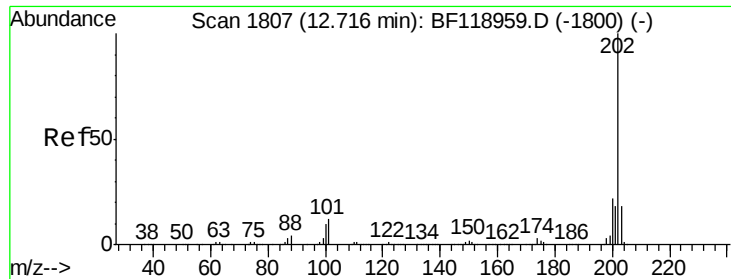
Delta R.T. 0.00 min

Lab File: BF119128.D

Acq: 28 Feb 2020 1:02

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.5	8.4	12.6
236	25.7	21.0	31.4





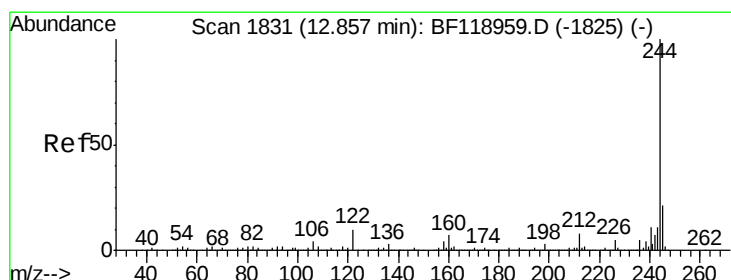
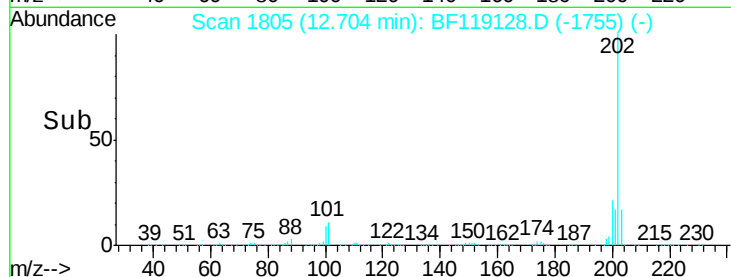
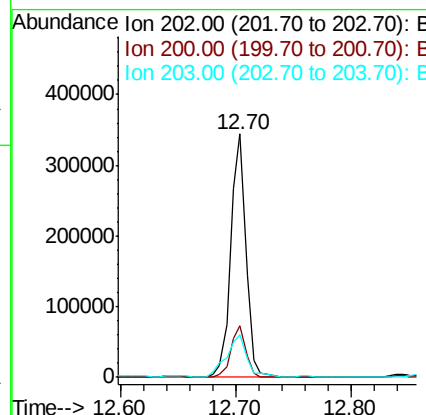
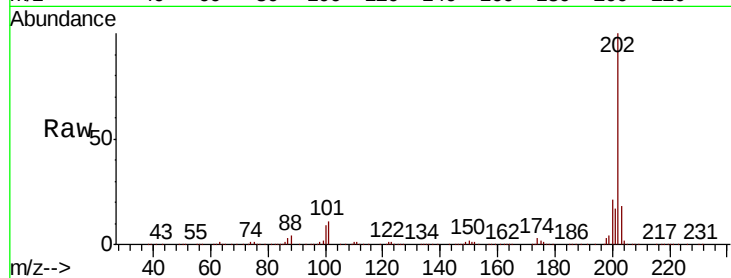
#78
Pvrene
Concen: 11.486 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF119128.D
Acq: 28 Feb 2020 1:02

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-052-B

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	18.0	27.0
203	17.8	14.6	22.0

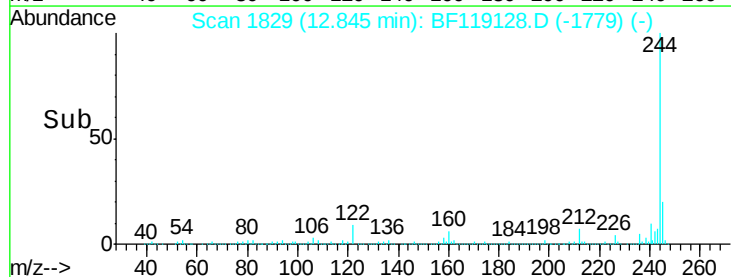
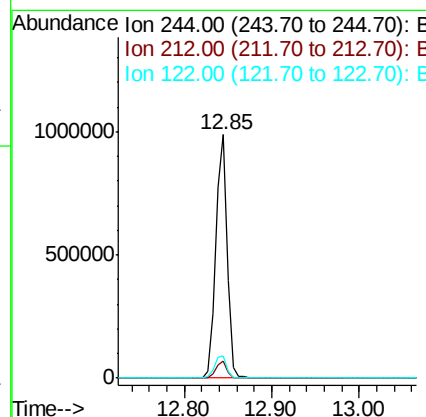
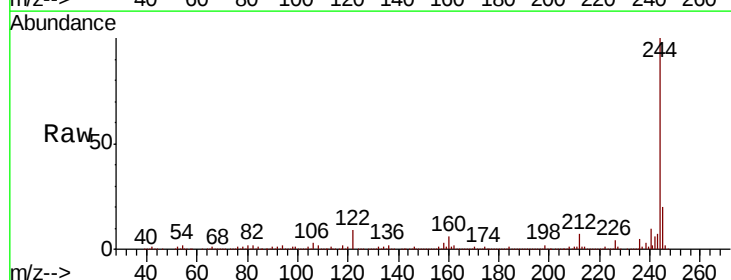
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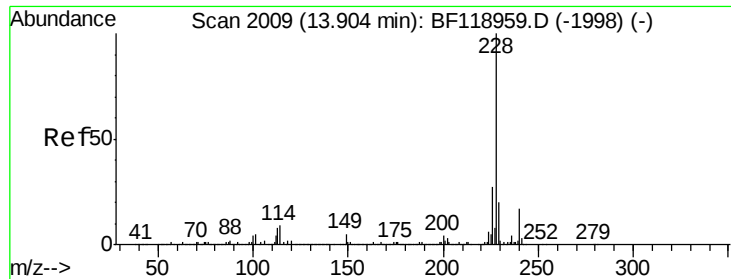
mohammad
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#79
Terphenyl-d14
Concen: 45.044 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF119128.D
Acq: 28 Feb 2020 1:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.6	10.0
122	9.1	8.2	12.2





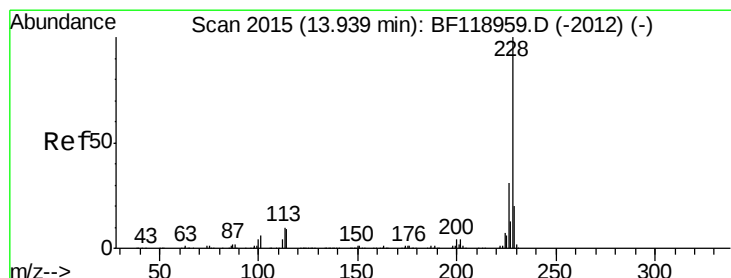
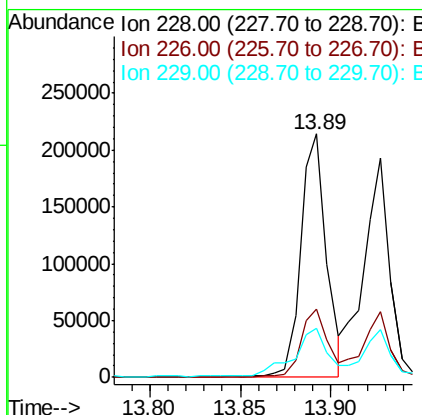
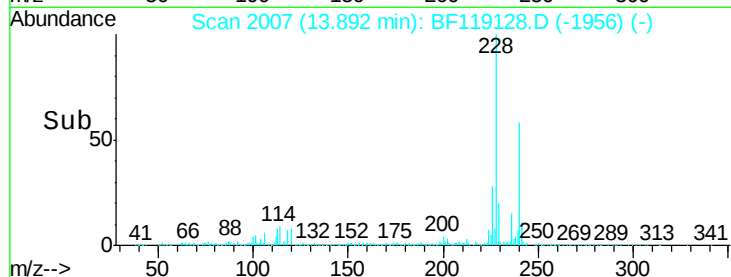
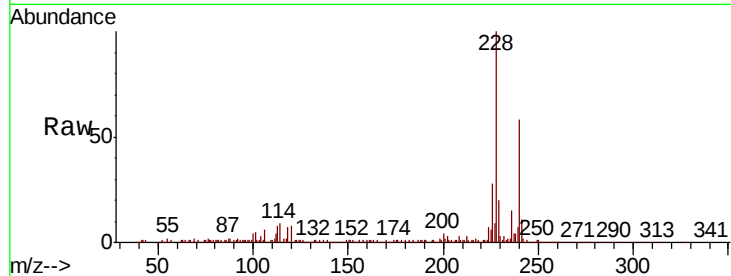
#81
Benzo(a)anthracene
Concen: 9.135 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF119128.D
Acq: 28 Feb 2020 1:02

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-052-B

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.4	16.6	24.8

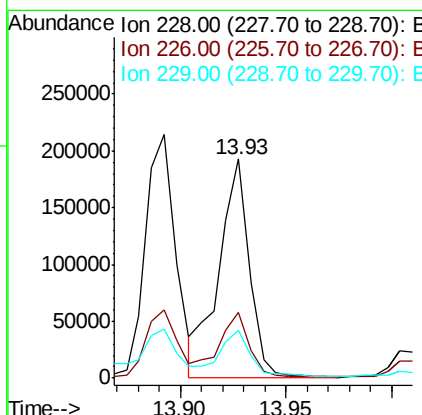
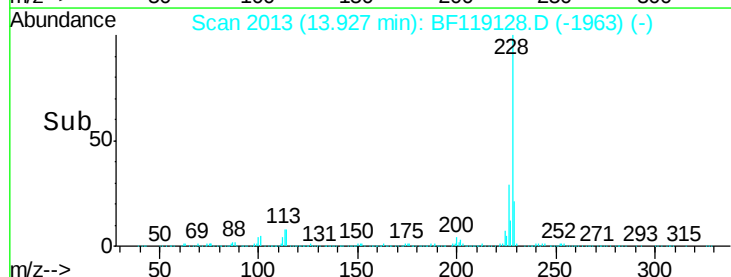
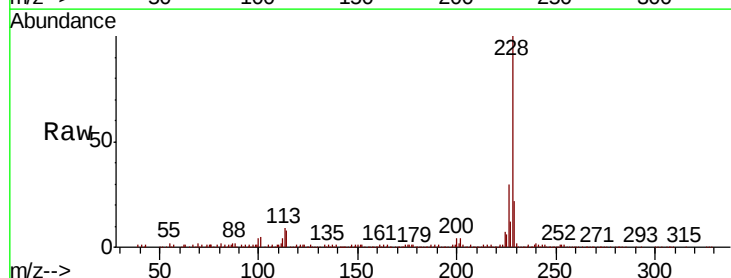
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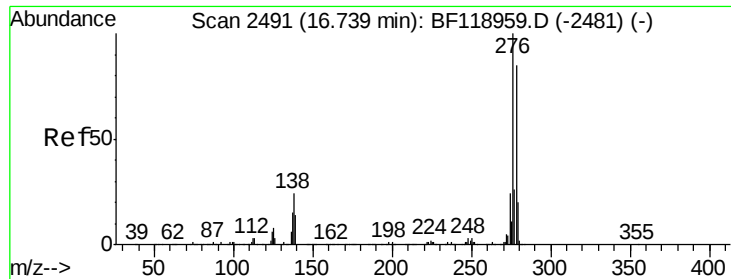
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#83
Chrysene
Concen: 8.340 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF119128.D
Acq: 28 Feb 2020 1:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.1	37.7
229	21.5	16.3	24.5





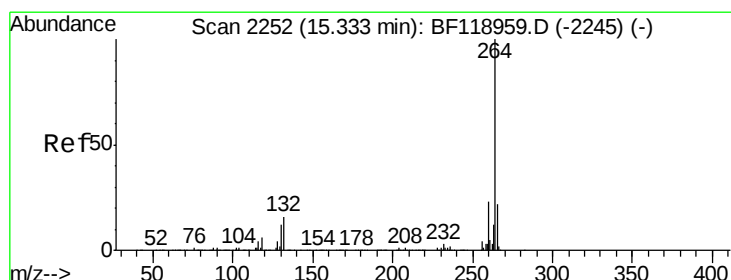
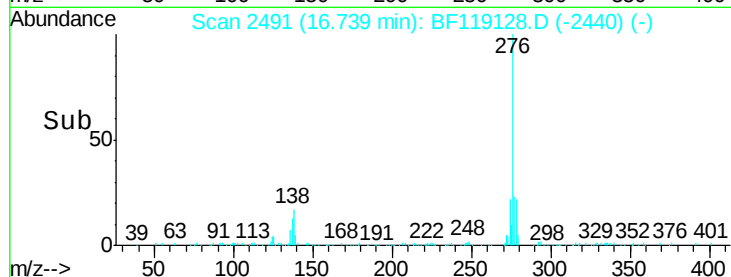
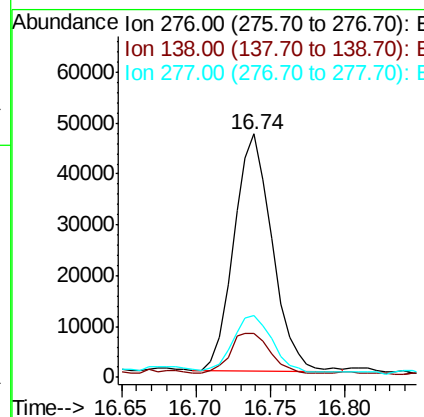
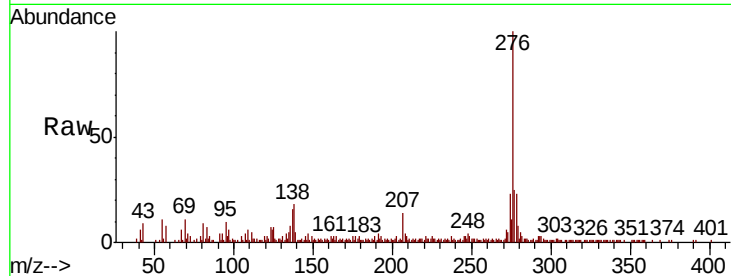
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 3.714 ng
 RT: 16.74 min Scan# 2491
 Delta R.T. 0.00 min
 Lab File: BF119128.D
 Acq: 28 Feb 2020 1:02

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-052-B

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.0	17.4	26.0
277	23.9	20.3	30.5

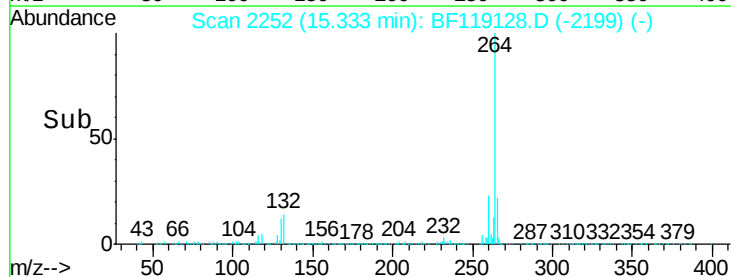
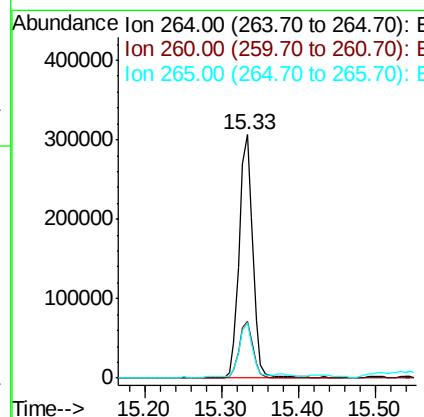
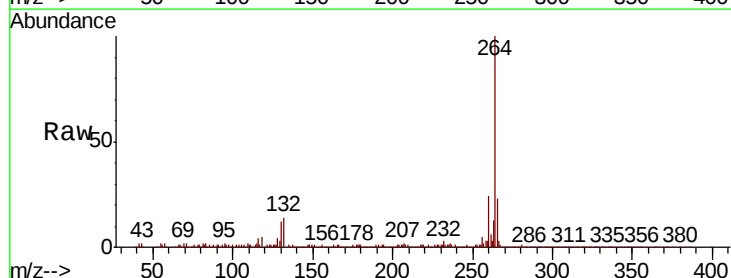
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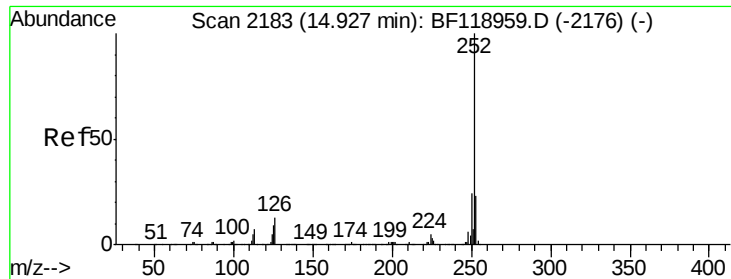
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2252
 Delta R.T. 0.01 min
 Lab File: BF119128.D
 Acq: 28 Feb 2020 1:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	22.5	17.7	26.5





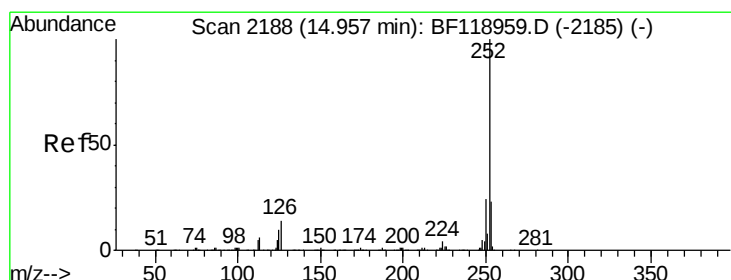
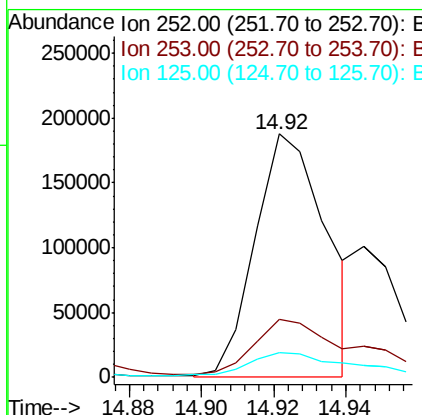
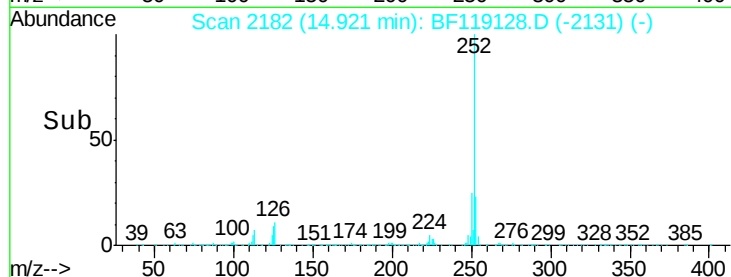
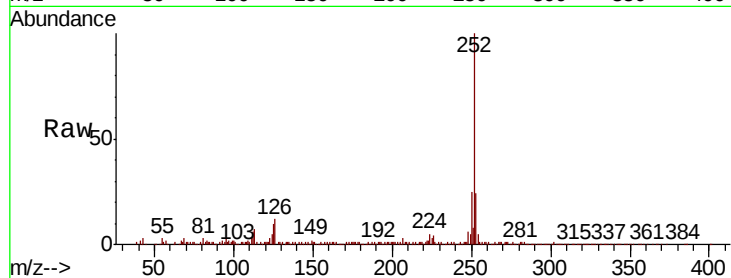
#88
Benzo(b)fluoranthene
Concen: 10.263 ng m
RT: 14.92 min Scan# 2182
Delta R.T. 0.00 min
Lab File: BF119128.D
Acq: 28 Feb 2020 1:02

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-052-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.1	27.1
125	10.3	7.4	11.0

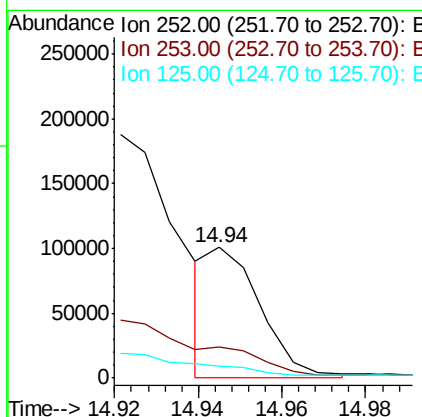
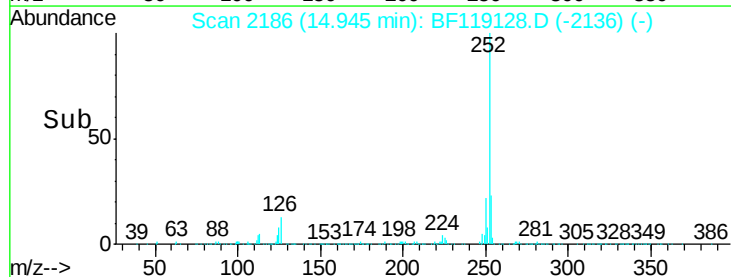
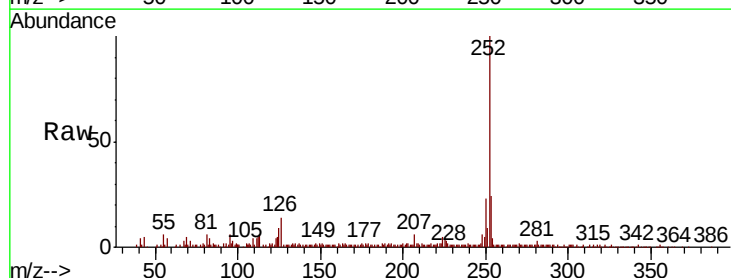
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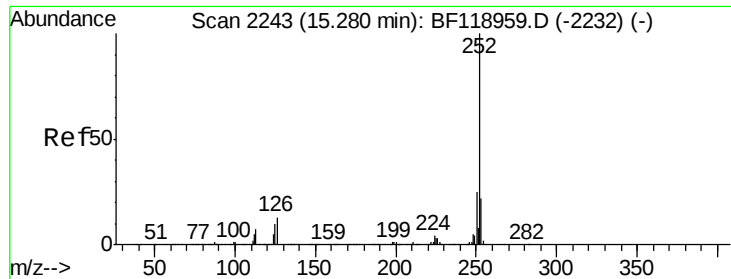
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#89
Benzo(k)fluoranthene
Concen: 3.752 ng m
RT: 14.94 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BF119128.D
Acq: 28 Feb 2020 1:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.8	26.8
125	9.5	7.5	11.3





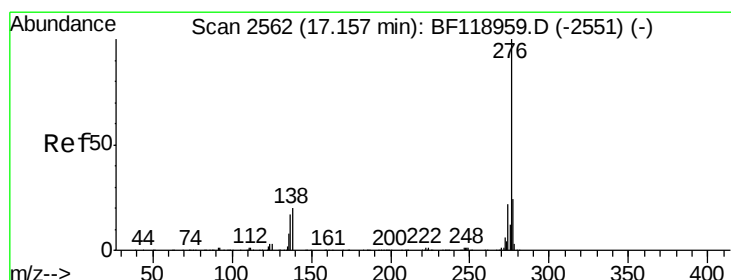
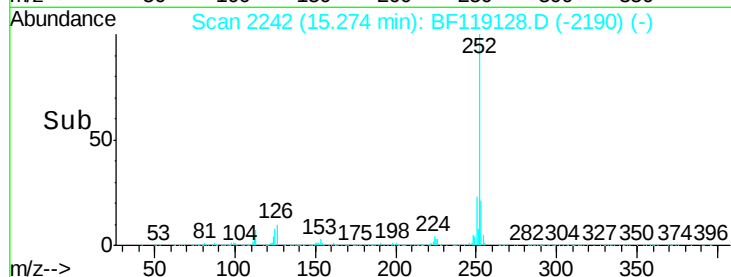
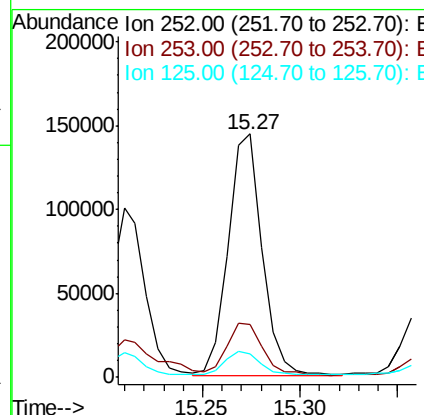
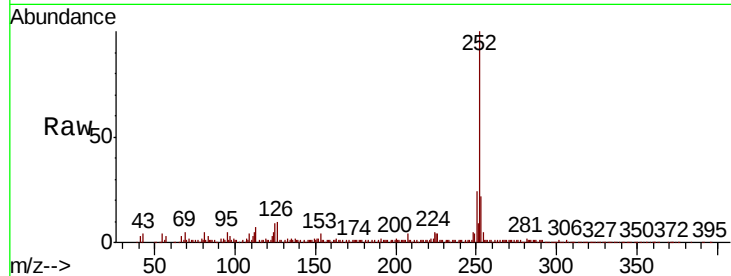
#90
Benzo(a)pyrene
Concen: 7.658 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF119128.D
Acq: 28 Feb 2020 1:02

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-052-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	9.4	8.6	12.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.863 ng
RT: 17.16 min Scan# 2563
Delta R.T. 0.01 min
Lab File: BF119128.D
Acq: 28 Feb 2020 1:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.4	18.7	28.1
138	19.3	14.3	21.5

