

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
 Data File : BF119125.D
 Acq On : 27 Feb 2020 23:34
 Operator : CG/JU
 Sample : L1697-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-053-A

Manual Integrations
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Quant Time: Feb 28 05:34:49 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	148910	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	527057	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	255815	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	398054	20.00	ng	0.00
76) Chrysene-d12	13.90	240	333008	20.00	ng	0.00
87) Perylene-d12	15.33	264	401007	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	804210	90.25	ng	0.00
7) Phenol-d6	6.39	99	938468	86.60	ng	-0.01
23) Nitrobenzene-d5	7.31	82	610151	61.12	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	249107	74.44	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1109152	63.87	ng	0.00
79) Terphenyl-d14	12.85	244	1019748	52.72	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.49	163	50880	2.601	ng	98
71) Phenanthrene	11.29	178	190964	8.797	ng	96
72) Anthracene	11.34	178	59188	2.729	ng	96
75) Fluoranthene	12.47	202	342340	14.857	ng	98
78) Pyrene	12.70	202	301279	11.267	ng	98
81) Benzo(a)anthracene	13.89	228	213417	9.406	ng	98
83) Chrysene	13.92	228	183782	8.129	ng	96
86) Indeno(1,2,3-cd)pyrene	16.73	276	108703	4.966	ng	95
88) Benzo(b)fluoranthene	14.92	252	294289m	11.134	ng	
89) Benzo(k)fluoranthene	14.94	252	87183m	3.559	ng	
90) Benzo(a)pyrene	15.27	252	200864	8.420	ng	97
92) Benzo(a,h,i)perylene	17.16	276	94956	4.579	ng	96

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

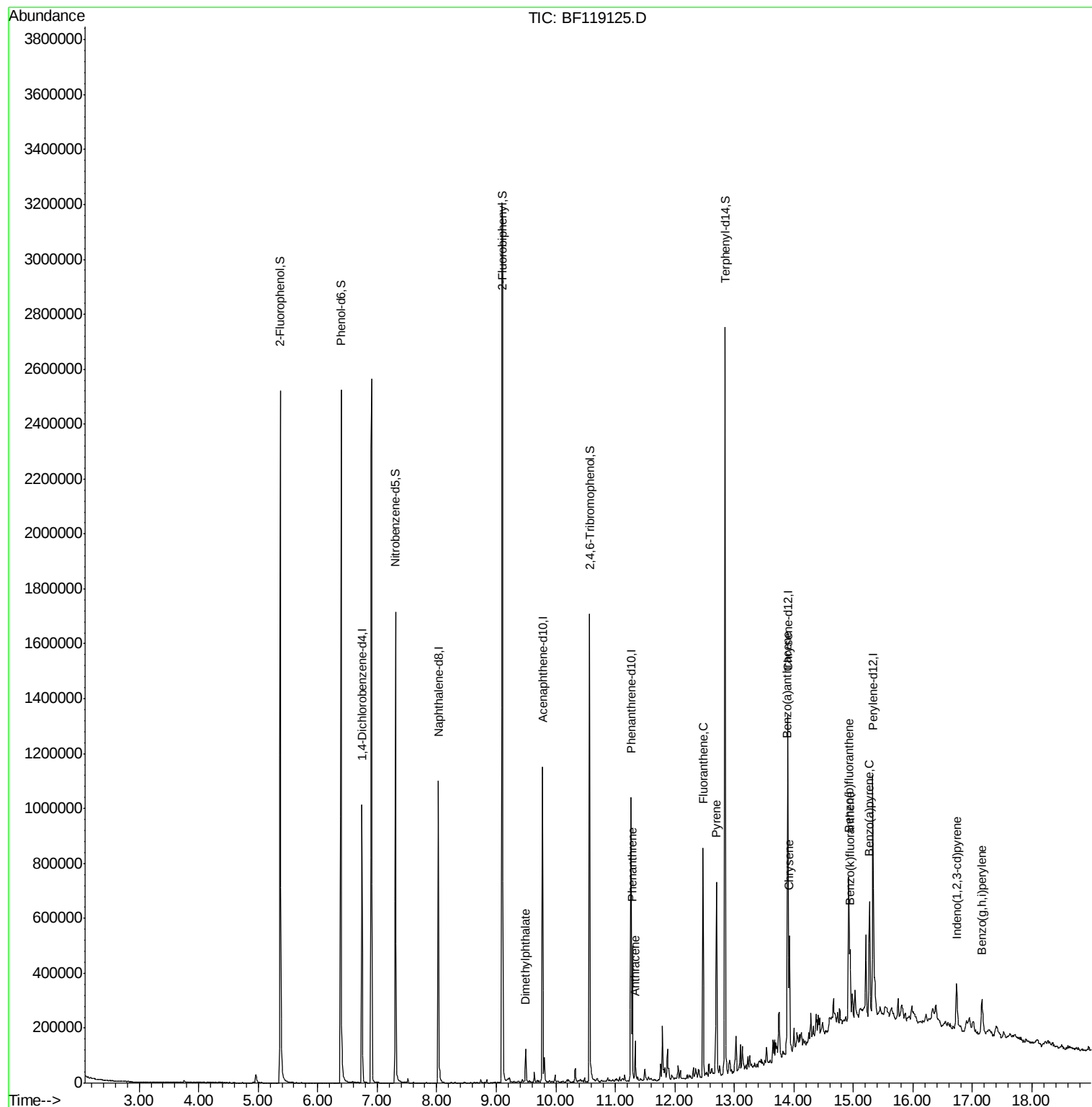
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
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Misc :
ALS Vial : 20 Sample Multiplier: 1

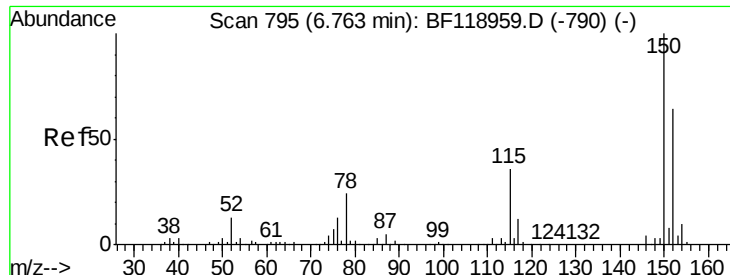
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
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#1

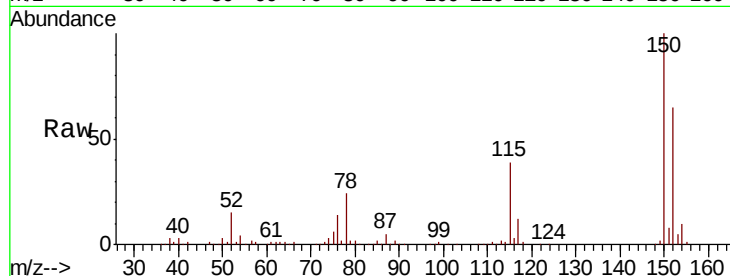
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF119125.D
Acq: 27 Feb 2020 23:34

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-053-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	123.0	184.6
115	60.0	49.5	74.3

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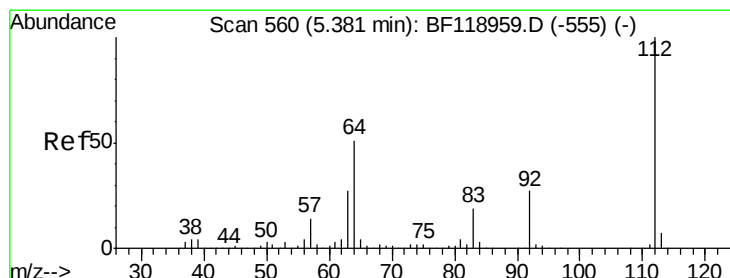
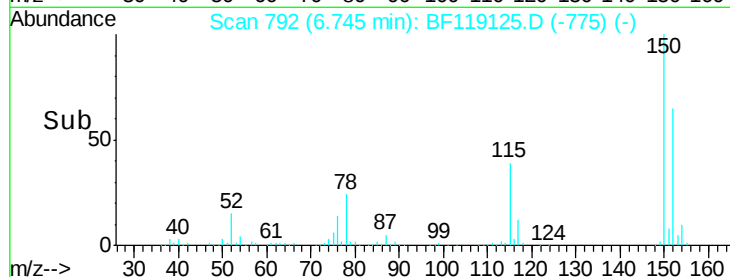
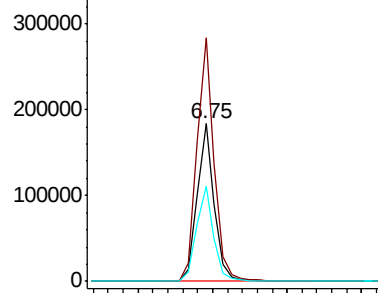


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

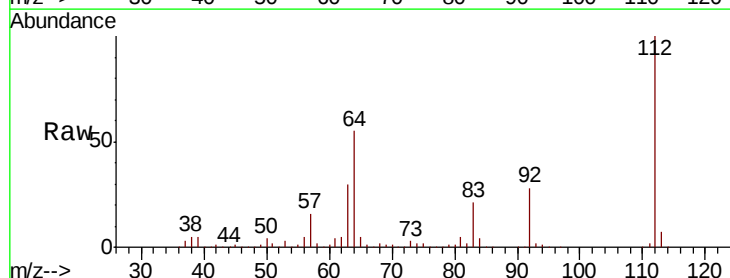
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 90.254 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF119125.D
Acq: 27 Feb 2020 23:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	45.0	67.4
63	29.8	24.2	36.4

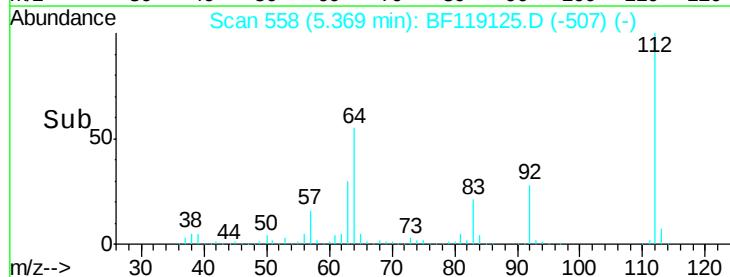
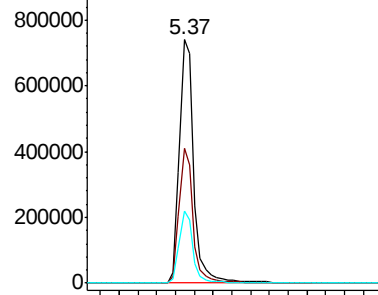


Abundance

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





#7

Phenol-d6

Concen: 86.600 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119125.D

Acq: 27 Feb 2020 23:34

Instrument :

BNA_F

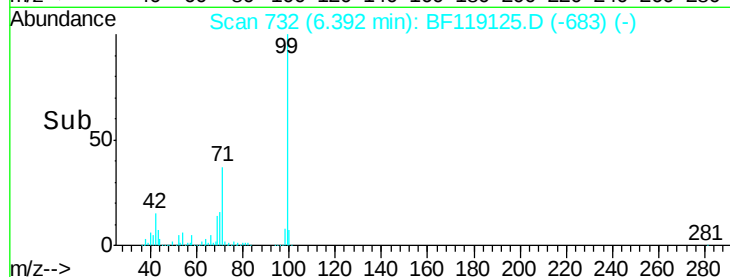
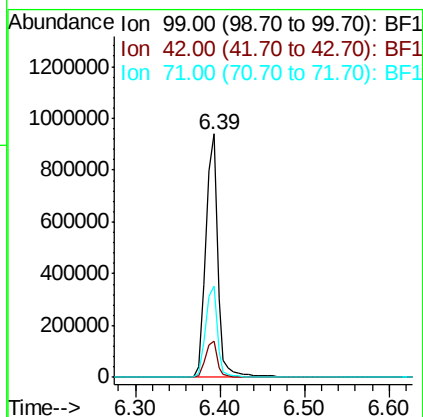
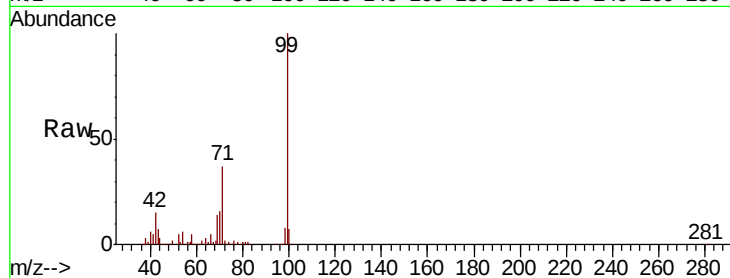
ClientSampleId :

FK-GF-02-053-A

Tot Ion:	99	Resp:	938468
Ion	Ratio	Lower	Upper
99	100		
42	14.7	12.6	18.8
71	37.4	31.0	46.4

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#21

Naphthalene-d8

Concen: 20.000 ng

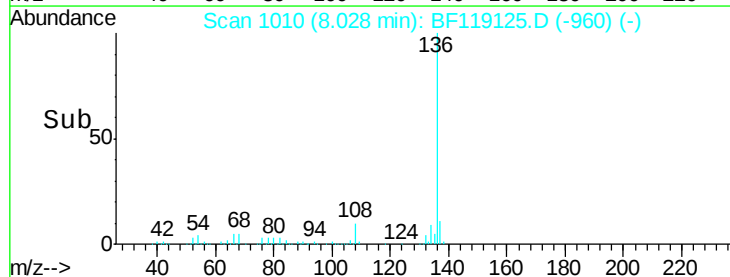
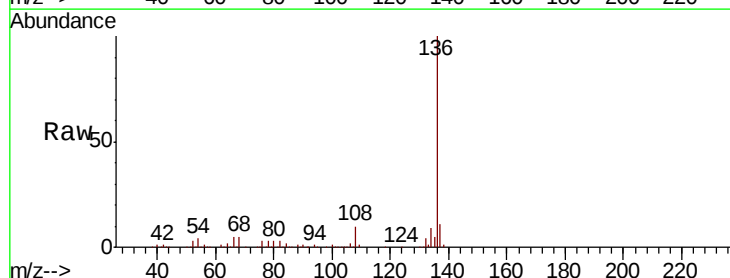
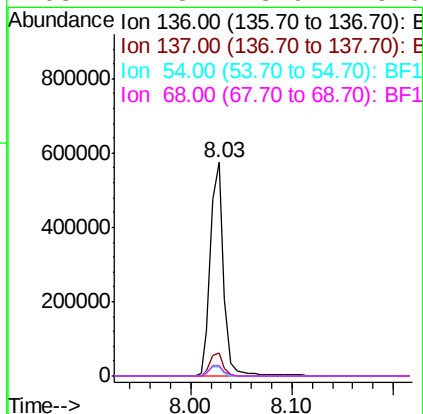
RT: 8.03 min Scan# 1010

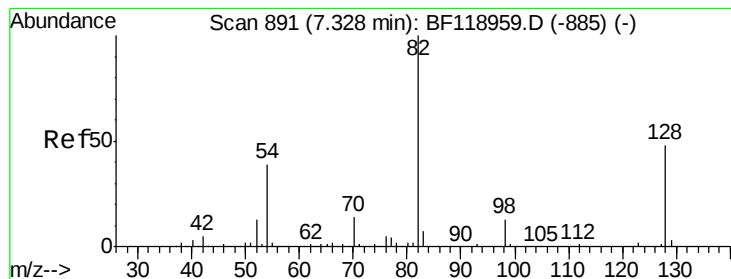
Delta R.T. -0.01 min

Lab File: BF119125.D

Acq: 27 Feb 2020 23:34

Tgt Ion:	136	Resp:	527057
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	4.4	3.8	5.6
68	4.8	3.9	5.9





#23

Nitrobenzene-d5

Concen: 61.124 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF119125.D

Acq: 27 Feb 2020 23:34

Instrument :

BNA_F

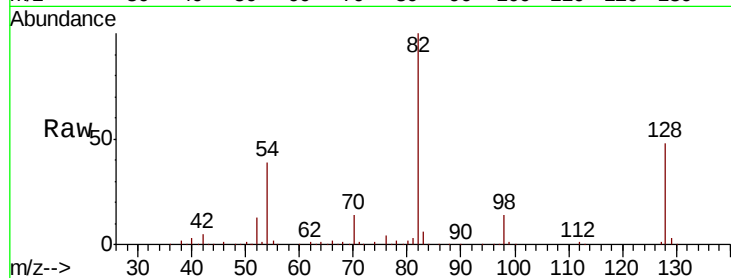
ClientSampleId :

FK-GF-02-053-A

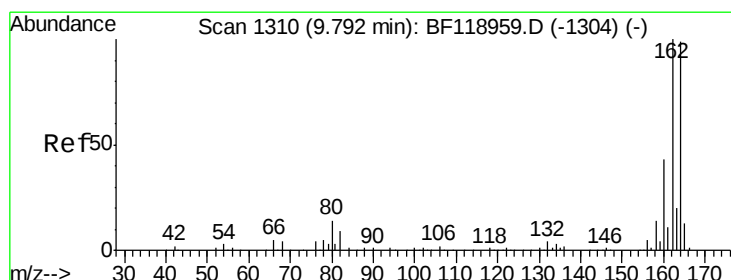
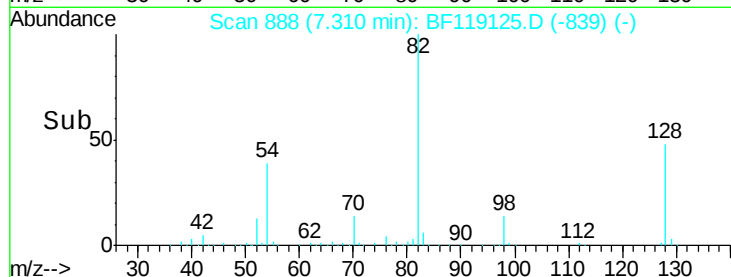
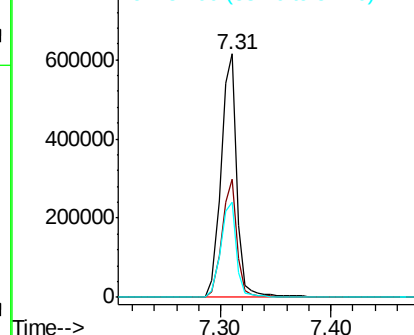
Tot Ion:	82	Resp:	610151
Ion Ratio		Lower	Upper
82	100		
128	48.5	37.9	56.9
54	38.9	33.4	50.2

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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

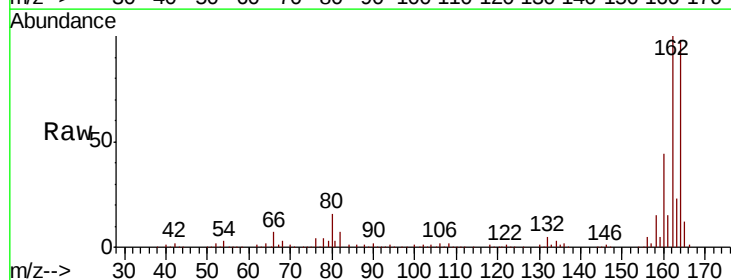
RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

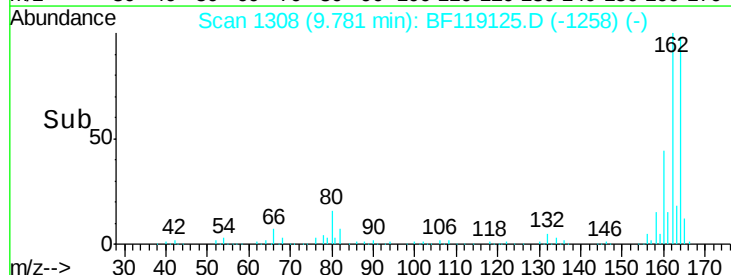
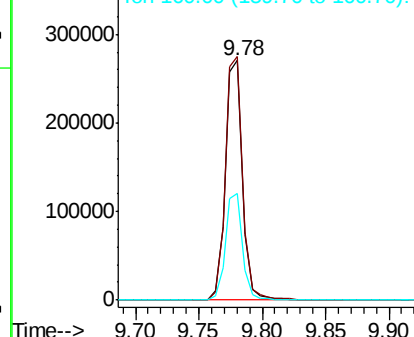
Lab File: BF119125.D

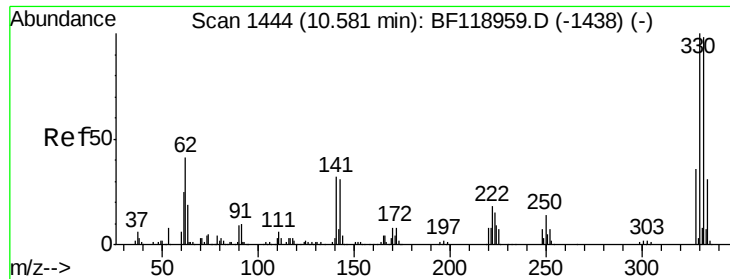
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Tgt Ion:	164	Resp:	255815
Ion Ratio		Lower	Upper
164	100		
162	101.6	81.8	122.8
160	44.5	36.0	54.0



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





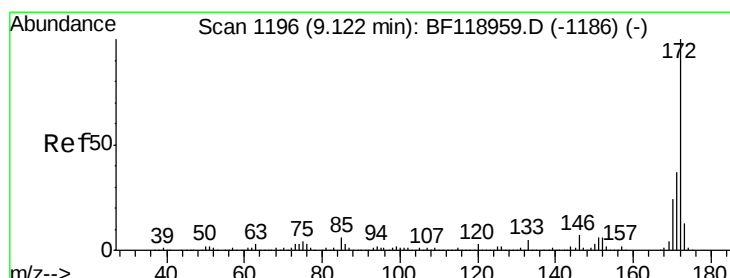
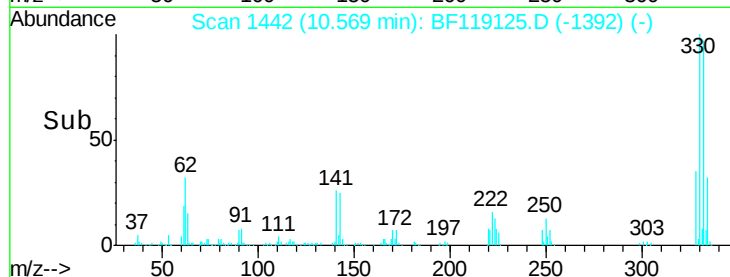
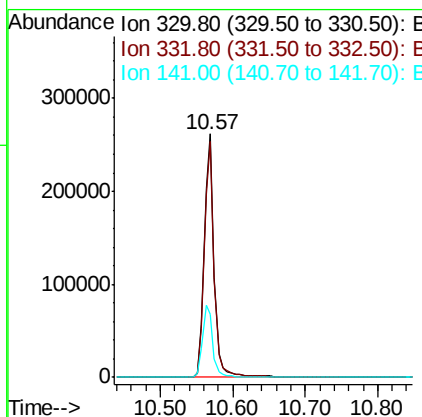
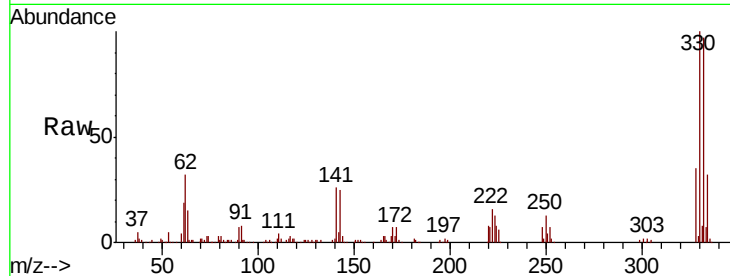
#42
 2,4,6-Tribromophenol
 Concen: 74.438 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119125.D
 Acq: 27 Feb 2020 23:34

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-053-A

Tot Ion	Ratio	Resp	Lower	Upper
330	100	249107		
332	96.4	76.0	114.0	
141	30.9	22.9	34.3	

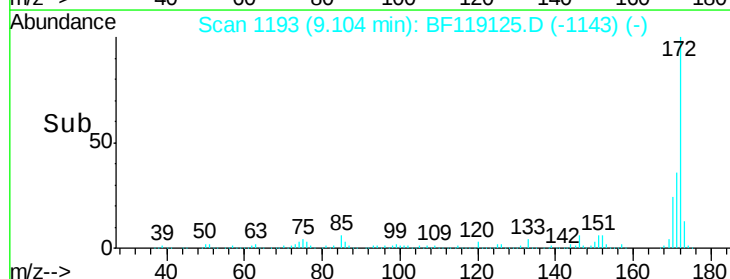
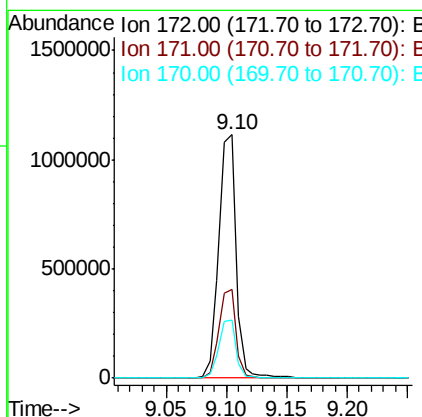
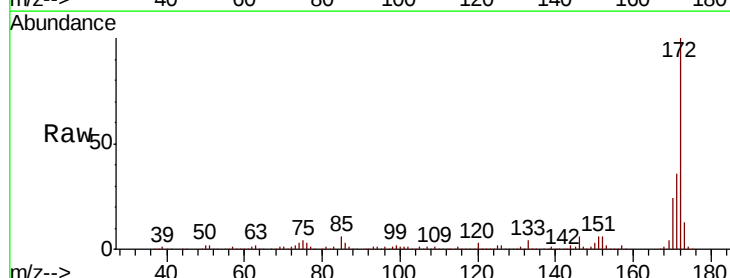
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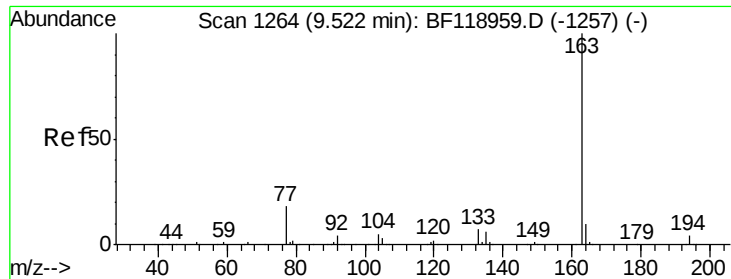
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#45
 2-Fluorobiphenyl
 Concen: 63.873 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF119125.D
 Acq: 27 Feb 2020 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1109152		
171	36.2	30.6	45.8	
170	23.8	20.2	30.2	





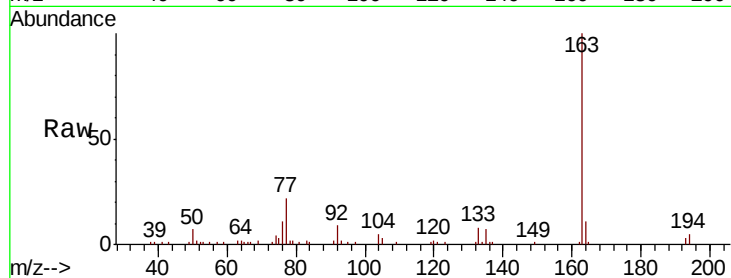
#50
Dimethylphthalate
Concen: 2.601 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF119125.D
Acq: 27 Feb 2020 23:34

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-053-A

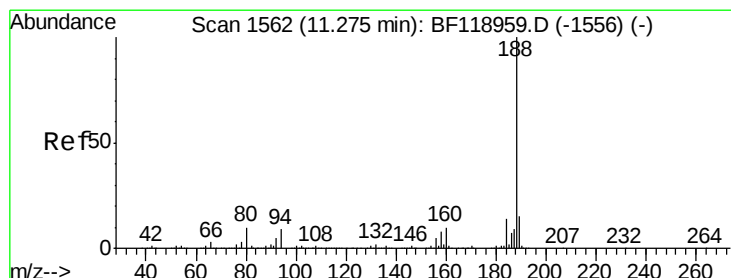
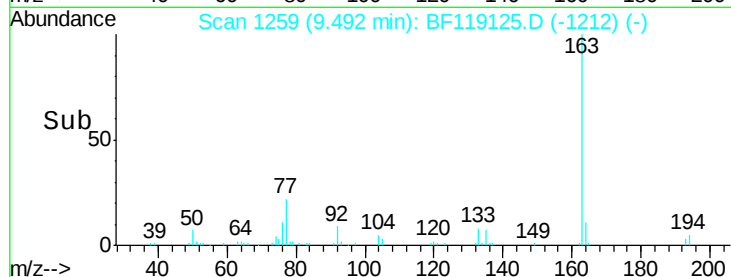
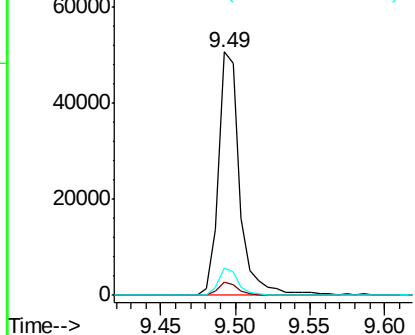
Tot Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.5	5.3
164	11.0	8.4	12.6

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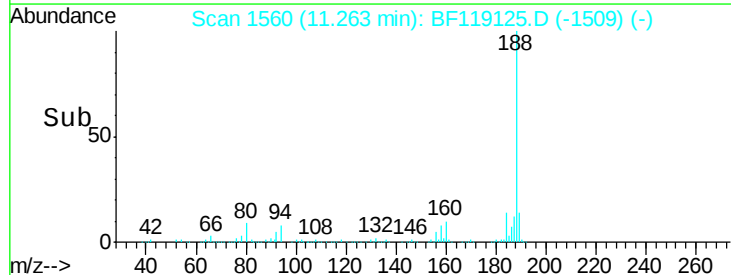
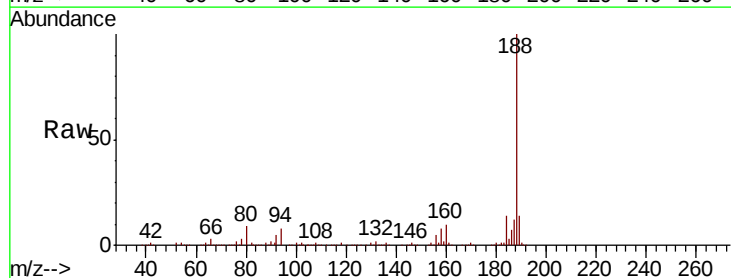
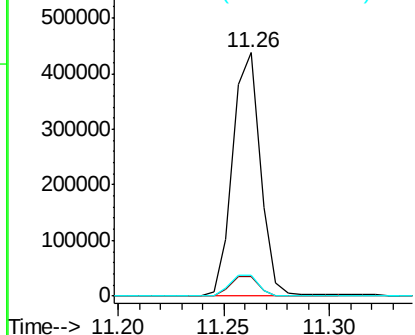
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

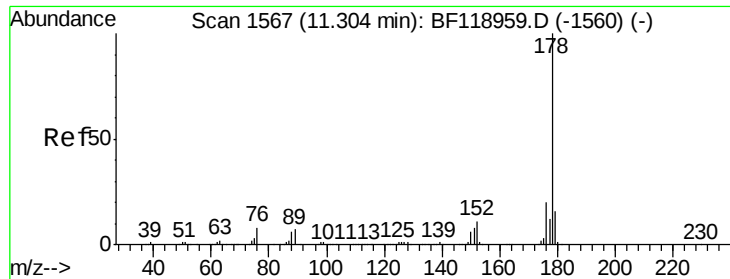


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF119125.D
Acq: 27 Feb 2020 23:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.1	10.7
80	8.6	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: 8.797 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF119125.D

Acq: 27 Feb 2020 23:34

Instrument :

BNA_F

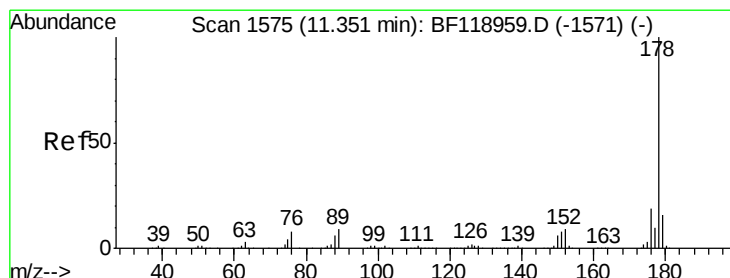
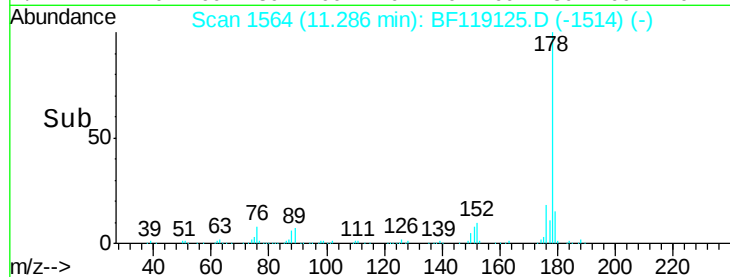
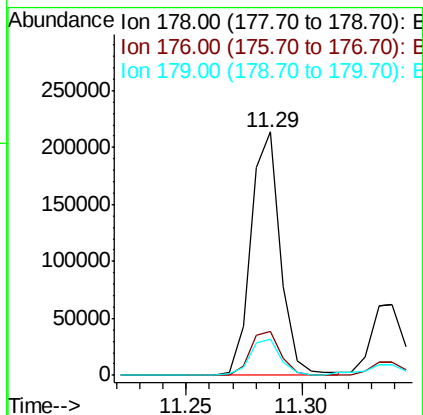
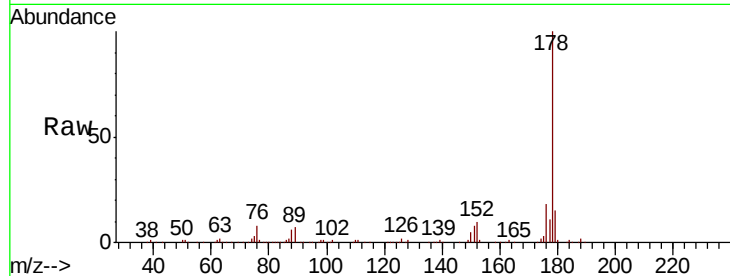
ClientSampleId :

FK-GF-02-053-A

Tot Ion:178	Resp:	190964
Ion Ratio	Lower	Upper
178	100	
176	18.2	16.5 24.7
179	14.8	13.0 19.6

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#72

Anthracene

Concen: 2.729 ng

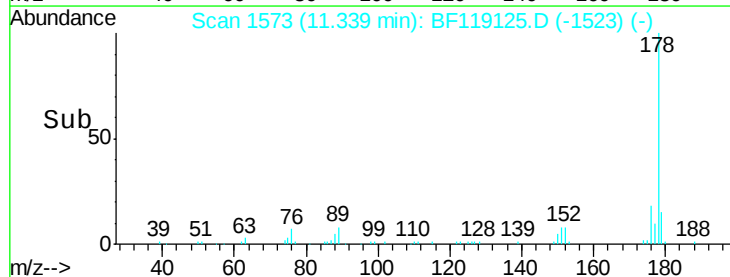
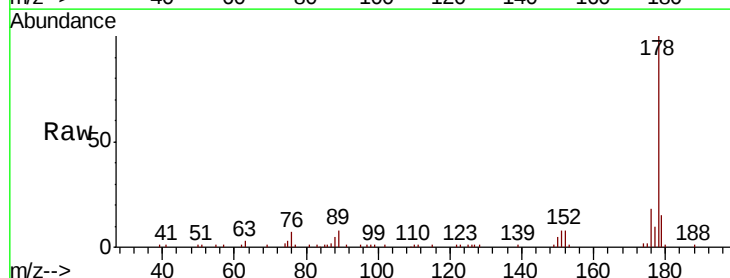
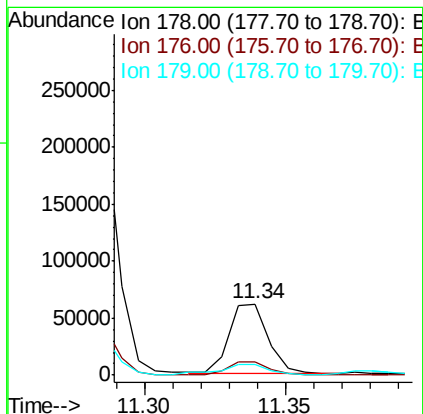
RT: 11.34 min Scan# 1573

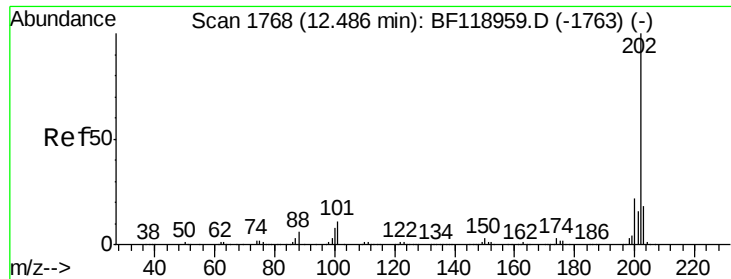
Delta R.T. -0.01 min

Lab File: BF119125.D

Acq: 27 Feb 2020 23:34

Tgt Ion:178	Resp:	59188
Ion Ratio	Lower	Upper
178	100	
176	17.8	16.0 24.0
179	15.1	13.1 19.7





#75

Fluoranthene

Concen: 14.857 ng

RT: 12.47 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF119125.D

Acq: 27 Feb 2020 23:34

Instrument :

BNA_F

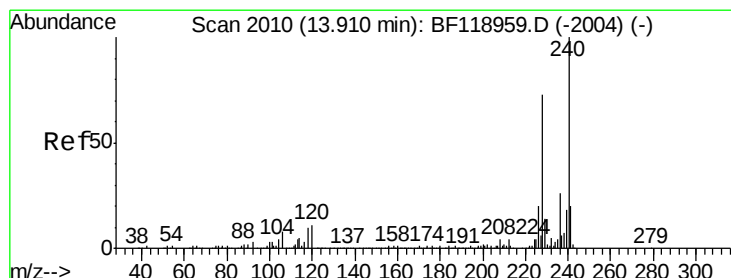
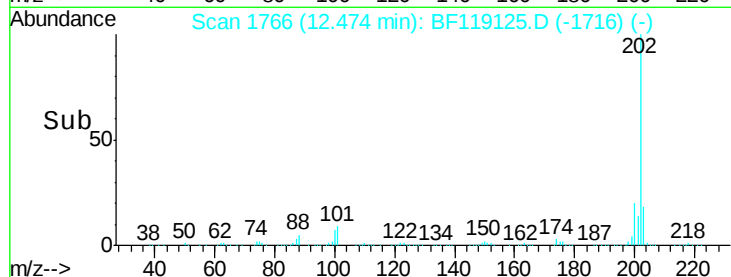
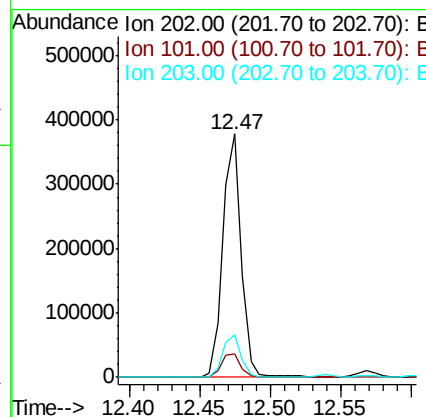
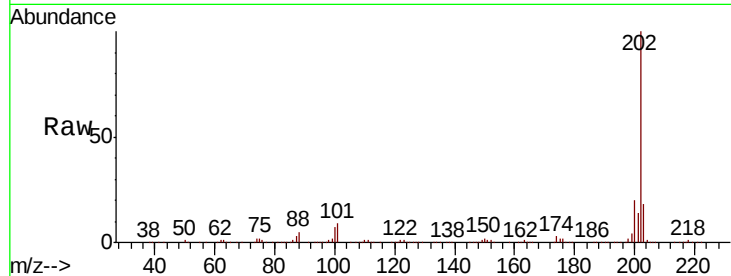
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
202	100	342340		
101	9.5	0.0	30.3	
203	17.5	0.0	38.4	

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#76

Chrysene-d12

Concen: 20.000 ng

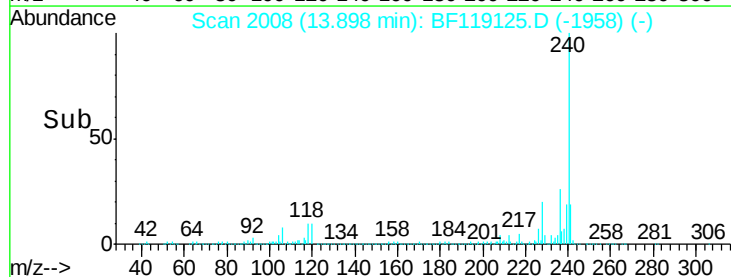
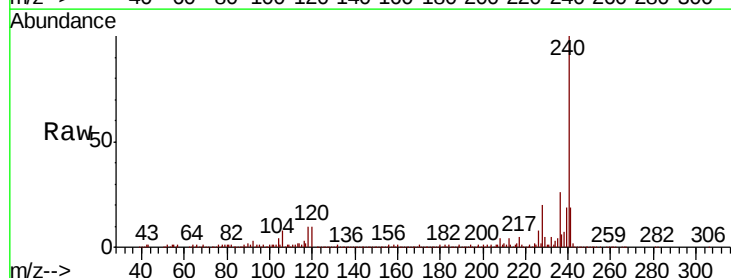
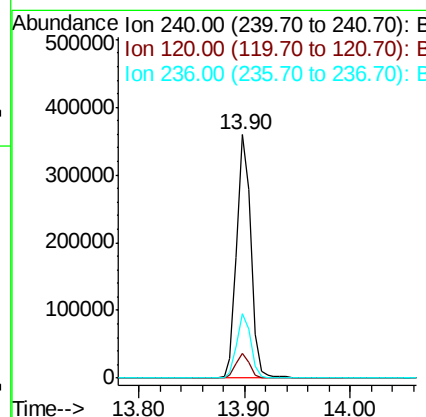
RT: 13.90 min Scan# 2008

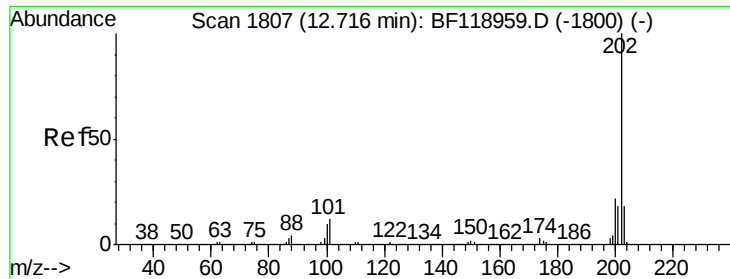
Delta R.T. -0.01 min

Lab File: BF119125.D

Acq: 27 Feb 2020 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	333008		
120	10.3	8.4	12.6	
236	26.3	21.0	31.4	





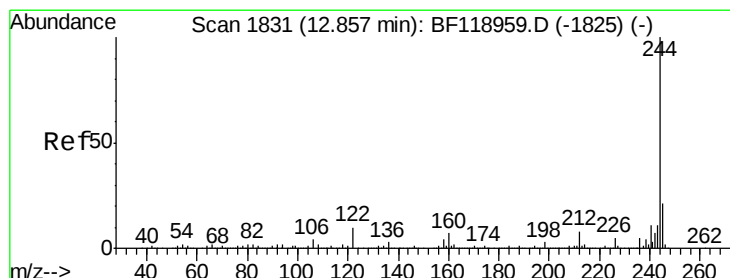
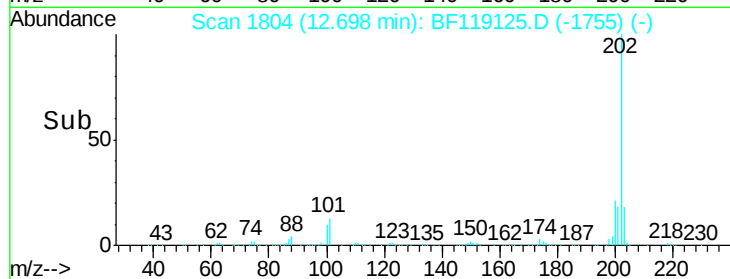
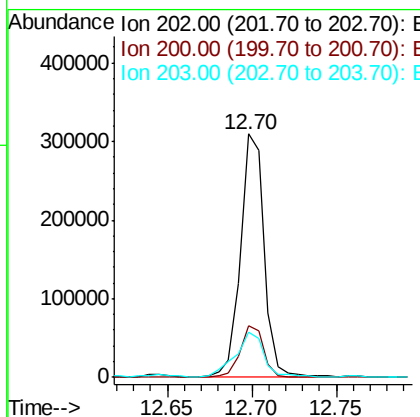
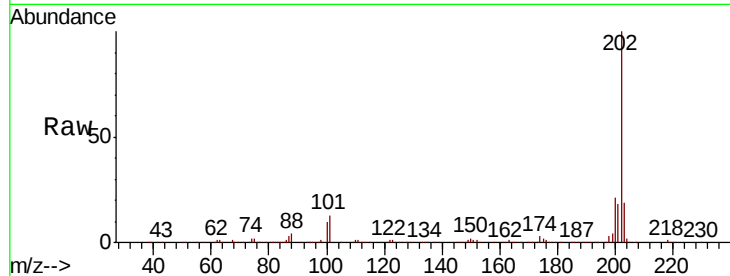
#78
Pvrene
Concen: 11.267 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF119125.D
Acq: 27 Feb 2020 23:34

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-053-A

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	18.0	27.0
203	18.5	14.6	22.0

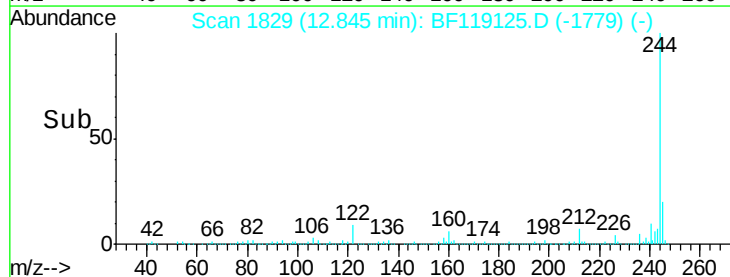
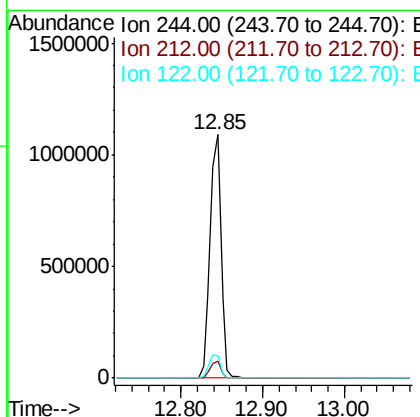
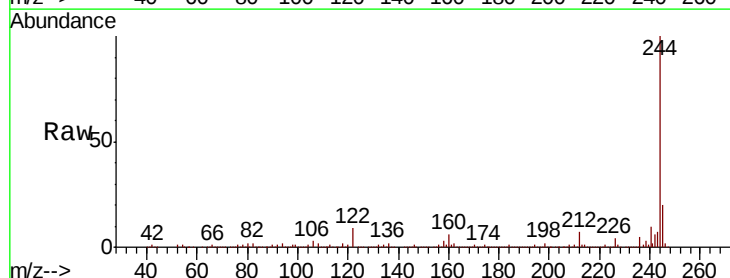
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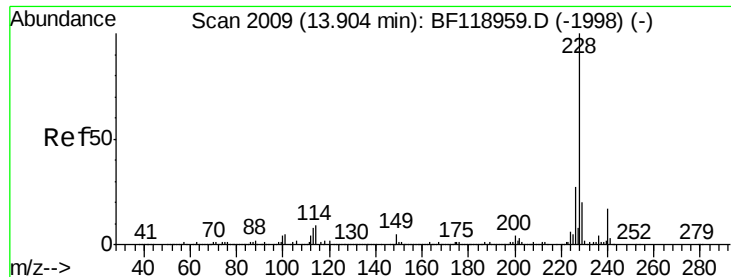
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#79
Terphenyl-d14
Concen: 52.722 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF119125.D
Acq: 27 Feb 2020 23:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.6	10.0
122	8.9	8.2	12.2





#81

Benzo(a)anthracene

Concen: 9.406 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF119125.D

Acq: 27 Feb 2020 23:34

Instrument :

BNA_F

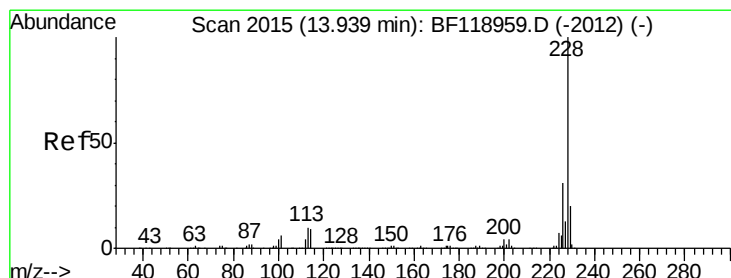
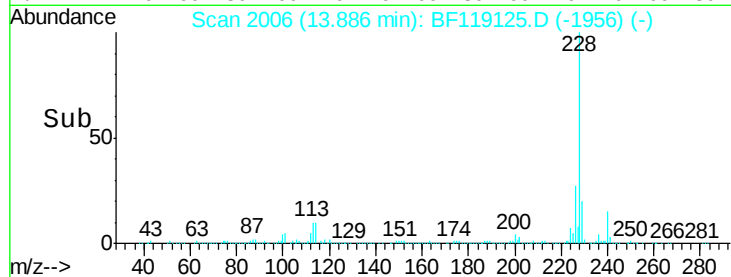
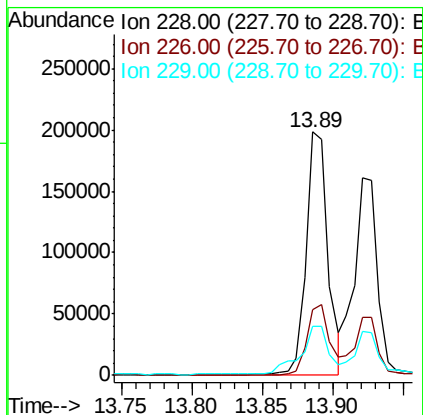
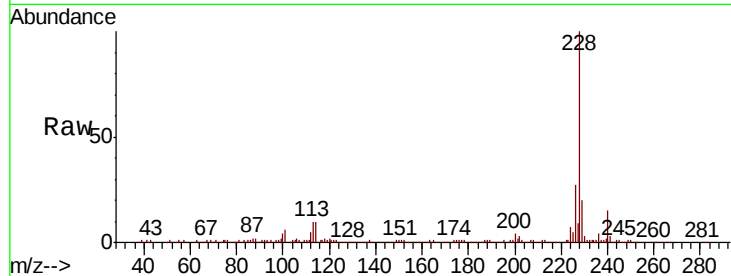
ClientSampleId :

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Tot Ion:	228	Resp:	213417
Ion Ratio	Lower	Upper	
228	100		
226	26.8	22.6	33.8
229	20.0	16.6	24.8

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#83

Chrysene

Concen: 8.129 ng

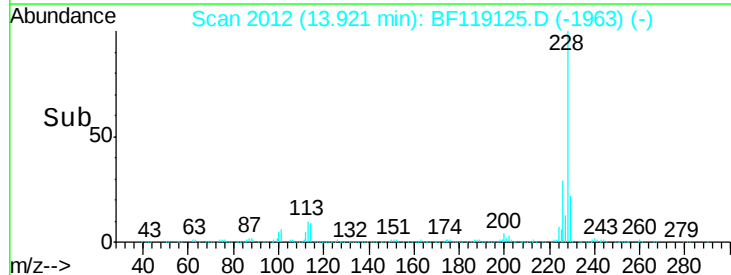
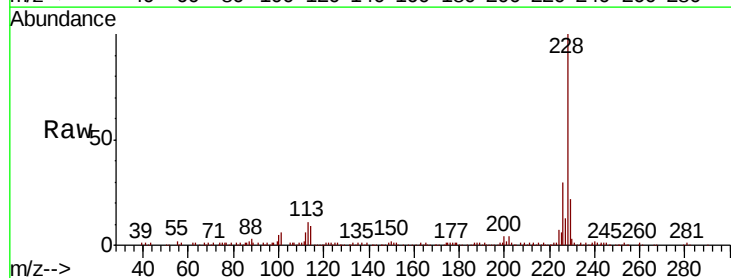
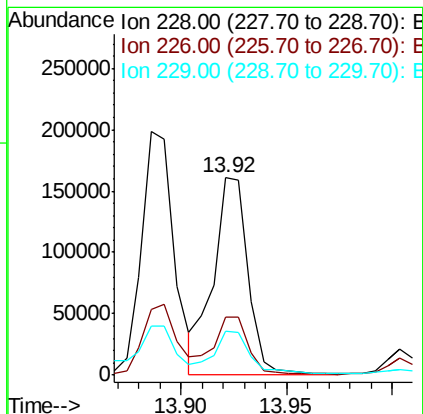
RT: 13.92 min Scan# 2012

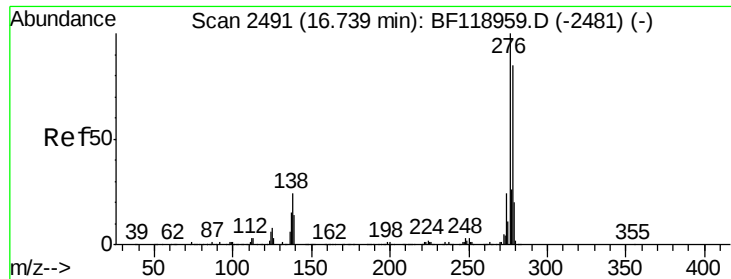
Delta R.T. -0.01 min

Lab File: BF119125.D

Acq: 27 Feb 2020 23:34

Tgt Ion:	228	Resp:	183782
Ion Ratio	Lower	Upper	
228	100		
226	29.6	25.1	37.7
229	22.2	16.3	24.5





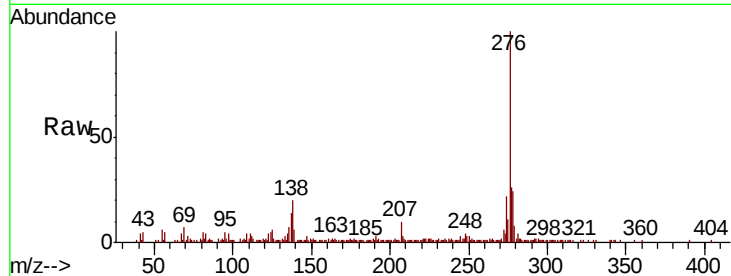
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.966 ng
RT: 16.73 min Scan# 2490
Delta R.T. -0.01 min
Lab File: BF119125.D
Acq: 27 Feb 2020 23:34

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-053-A

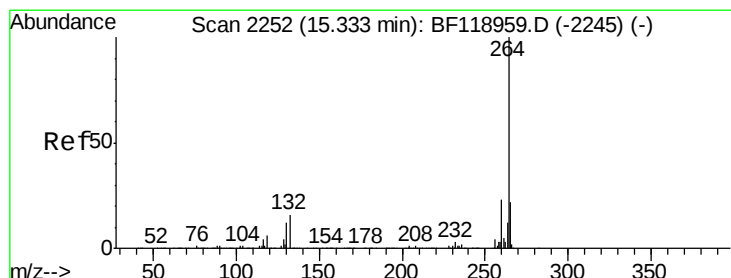
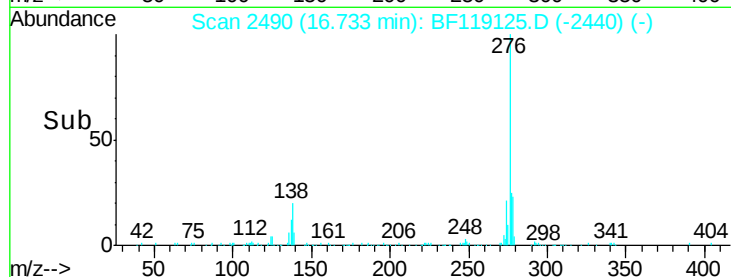
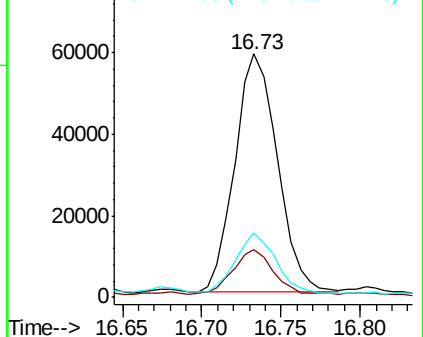
Tot Ion	Ratio	Lower	Upper
276	100		
138	18.6	17.4	26.0
277	23.7	20.3	30.5

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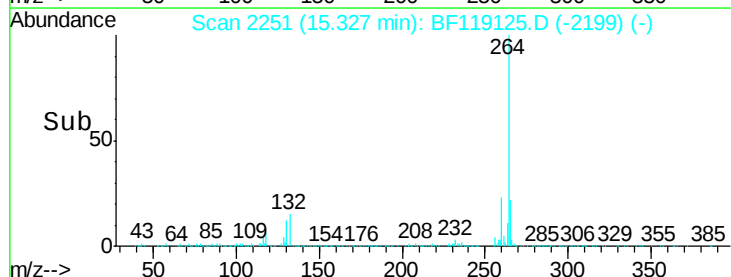
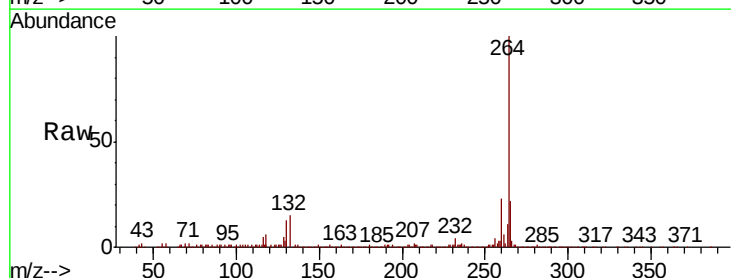
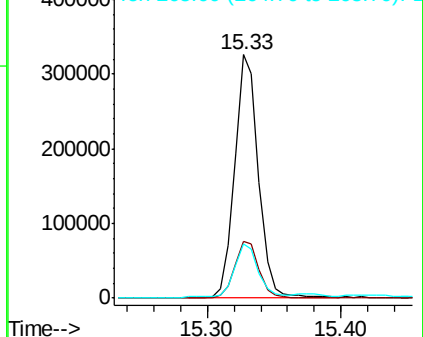
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

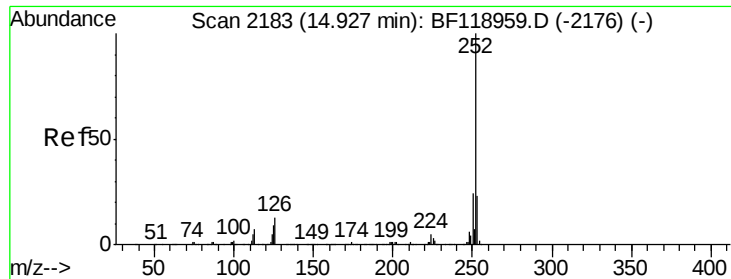


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF119125.D
Acq: 27 Feb 2020 23:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.2
265	22.3	17.7	26.5

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





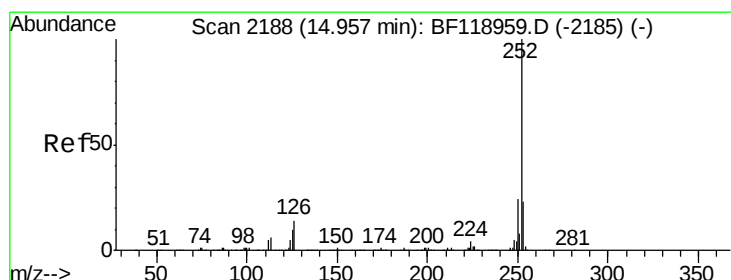
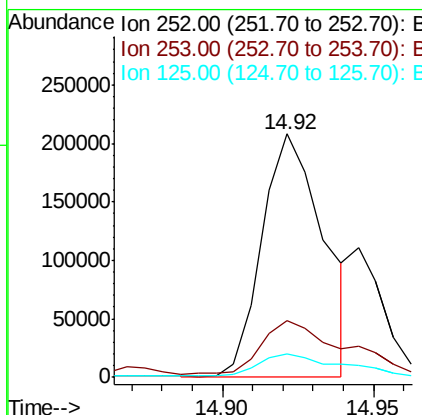
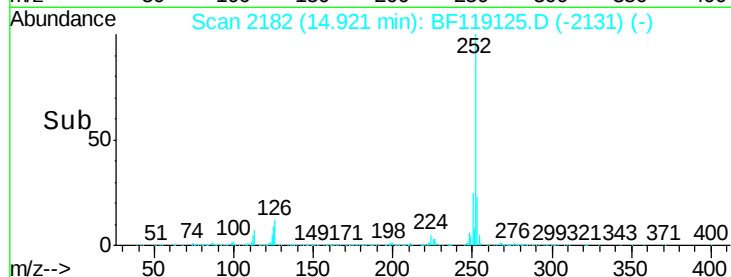
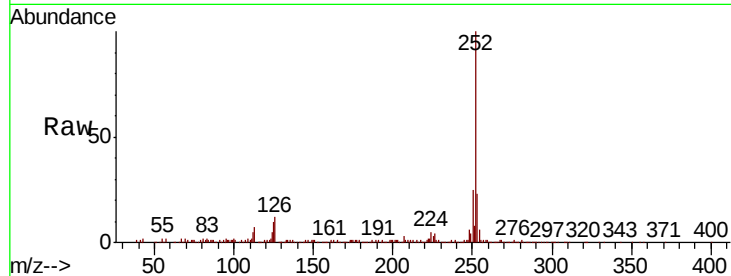
#88
Benzo(b)fluoranthene
Concen: 11.134 ng m
RT: 14.92 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BF119125.D
Acq: 27 Feb 2020 23:34

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-053-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	9.8	7.4	11.0

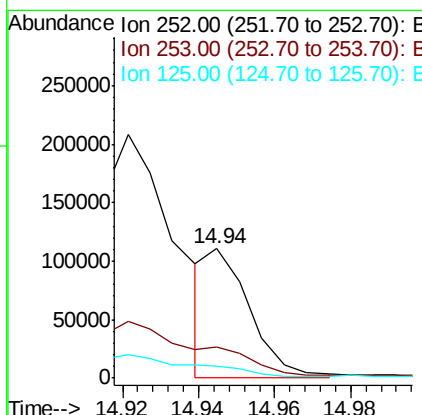
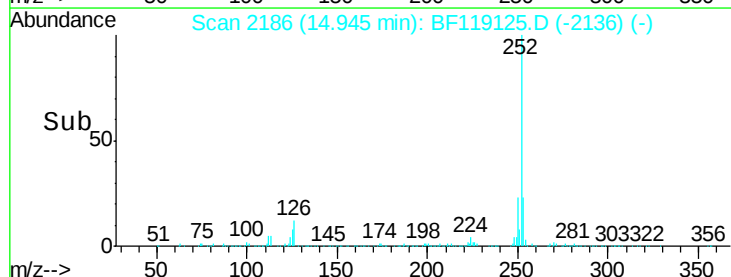
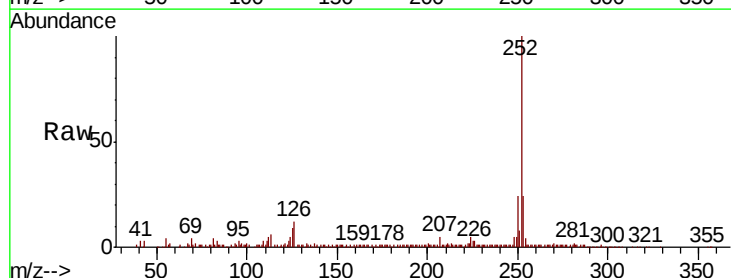
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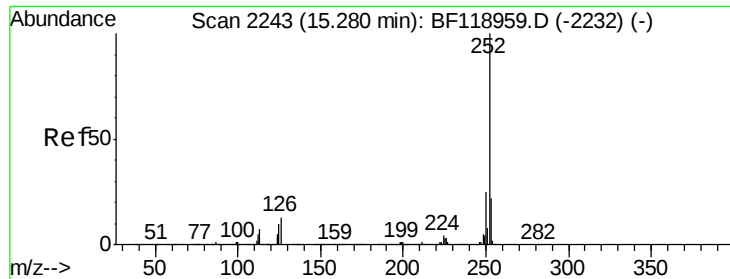
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#89
Benzo(k)fluoranthene
Concen: 3.559 ng m
RT: 14.94 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BF119125.D
Acq: 27 Feb 2020 23:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.8
125	9.1	7.5	11.3





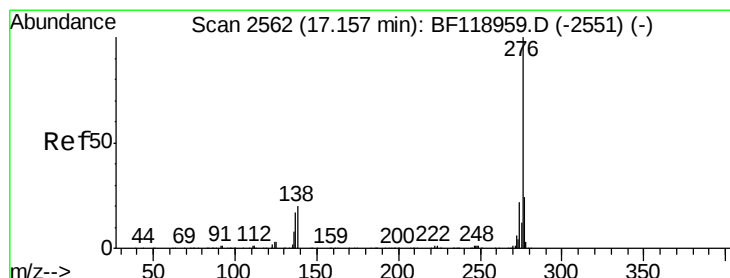
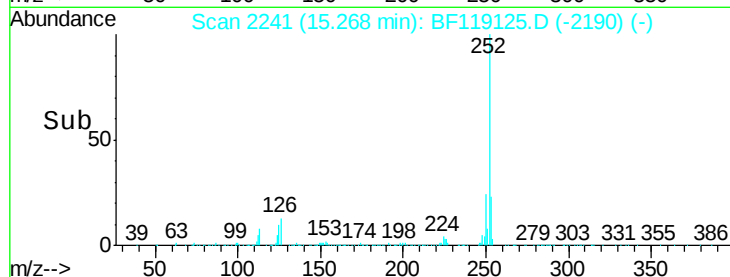
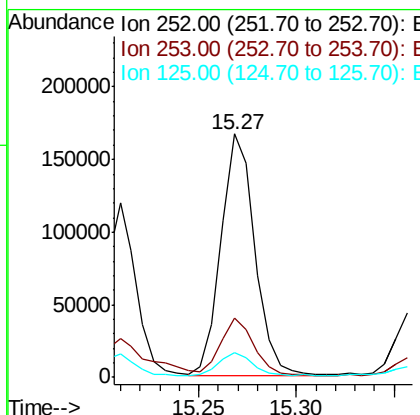
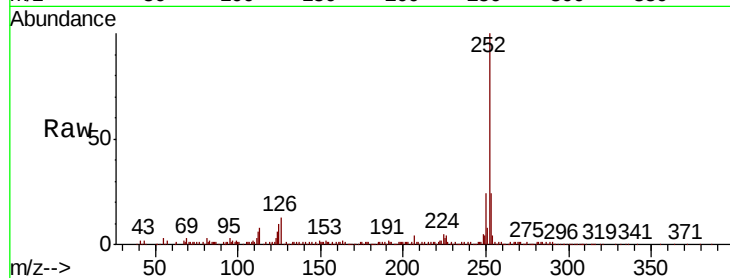
#90
Benzo(a)pyrene
Concen: 8.420 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BF119125.D
Acq: 27 Feb 2020 23:34

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-053-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.0	27.0
125	10.2	8.6	12.8

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#92
Benzo(g,h,i)perylene
Concen: 4.579 ng
RT: 17.16 min Scan# 2562
Delta R.T. -0.00 min
Lab File: BF119125.D
Acq: 27 Feb 2020 23:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.7	28.1
138	20.0	14.3	21.5

