

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
 Data File : BF119008.D
 Acq On : 21 Feb 2020 22:42
 Operator : CG/JU
 Sample : L1625-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-050-B

Manual Integrations
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Quant Time: Feb 24 03:25:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	156772	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	541633	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	265768	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	461280	20.00	ng	0.00
76) Chrysene-d12	13.90	240	366280	20.00	ng	0.00
87) Perylene-d12	15.34	264	331319	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	798131	85.08	ng	0.00
7) Phenol-d6	6.40	99	935440	81.99	ng	0.00
23) Nitrobenzene-d5	7.32	82	607688	59.24	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	276398	79.50	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1058513	58.67	ng	-0.01
79) Terphenyl-d14	12.85	244	1176640	55.31	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.50	163	162653	8.004	ng	98
71) Phenanthrene	11.29	178	269895	10.729	ng	99
72) Anthracene	11.35	178	59443	2.365	ng	98
75) Fluoranthene	12.48	202	349815	13.101	ng	98
78) Pyrene	12.71	202	308020	10.473	ng	98
81) Benzo(a)anthracene	13.90	228	149111	5.975	ng	97
83) Chrysene	13.93	228	141828	5.703	ng	98
86) Indeno(1,2,3-cd)pyrene	16.74	276	59419	2.468	ng	# 92
88) Benzo(b)fluoranthene	14.93	252	167065m	7.650	ng	
89) Benzo(k)fluoranthene	14.95	252	48844m	2.413	ng	
90) Benzo(a)pyrene	15.27	252	108533	5.506	ng	# 96
92) Benzo(a,h,i)perylene	17.16	276	53272	3.109	ng	97

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

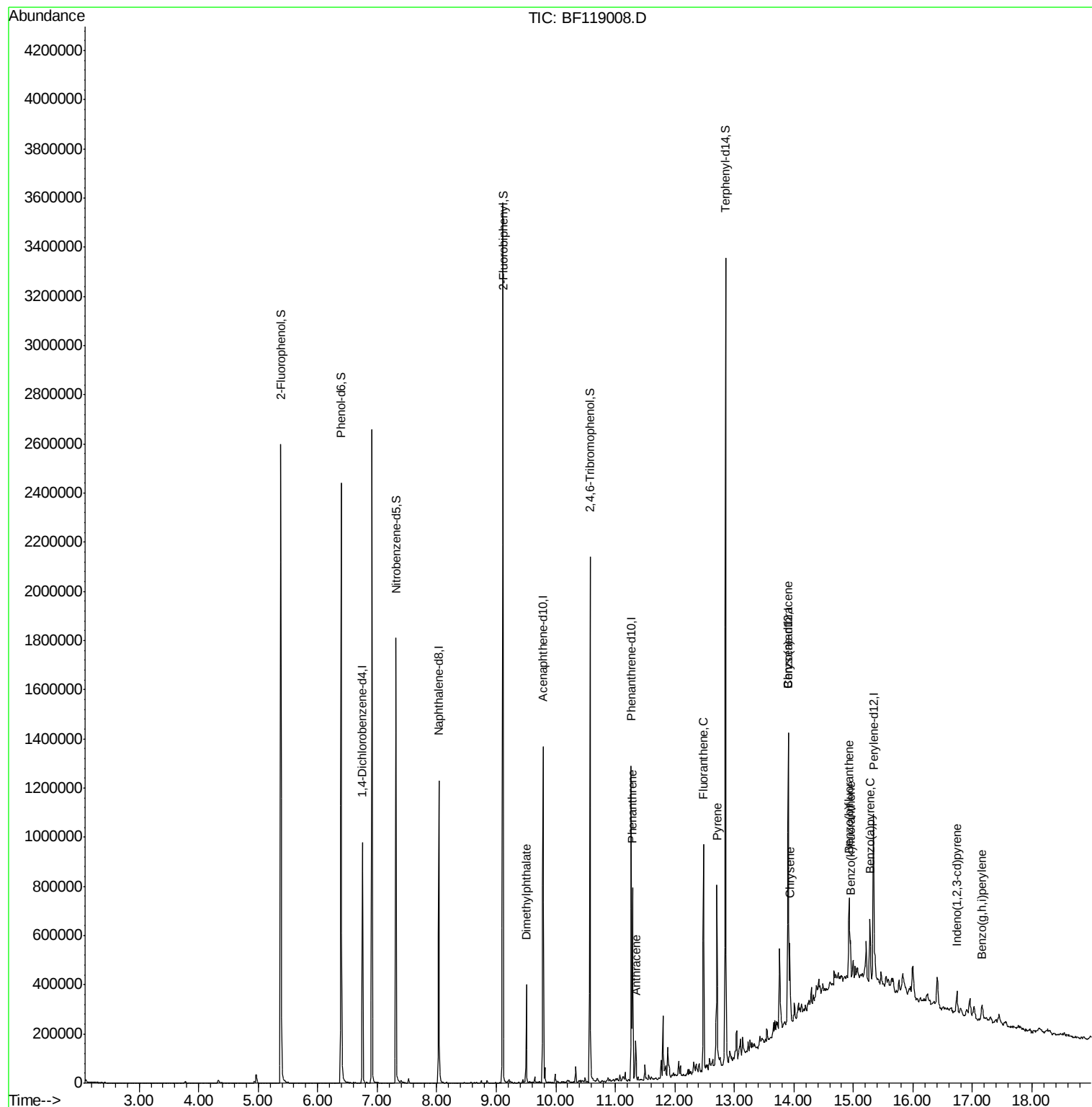
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
Data File : BF119008.D
Acq On : 21 Feb 2020 22:42
Operator : CG/JU
Sample : L1625-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

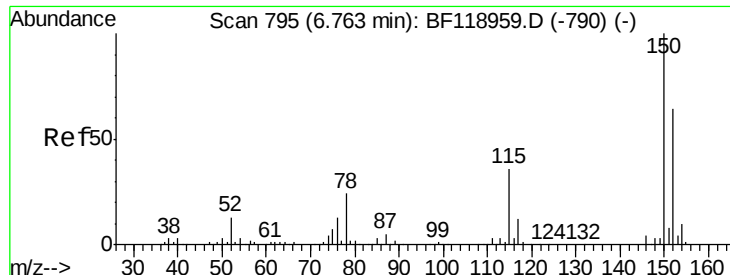
Instrument :
BNA_F
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FK-GF-02-050-B

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 20 17:40:17 2020
Response via : Initial Calibration





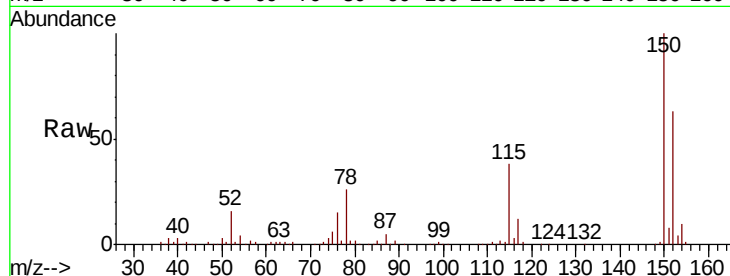
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF119008.D
 Acq: 21 Feb 2020 22:42

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-050-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.3	186.5
115	60.1	44.6	67.0

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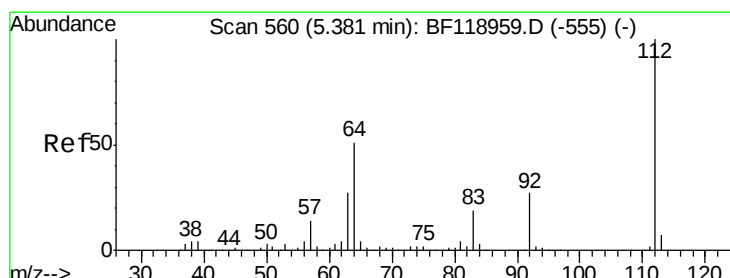
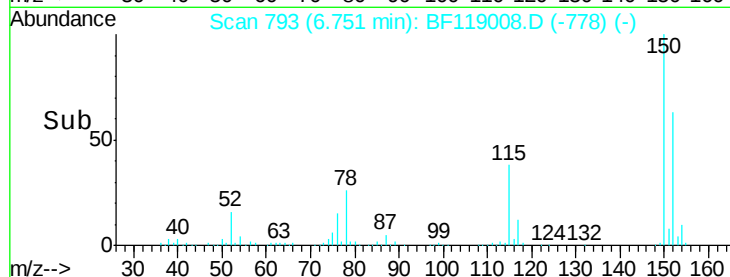
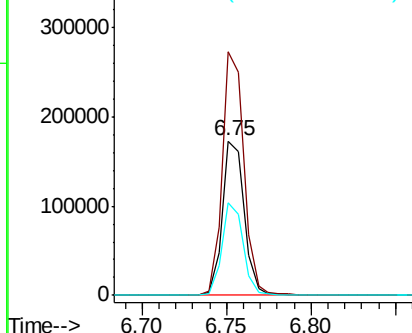


Abundance

Ion 152.00 (151.70 to 152.70): E

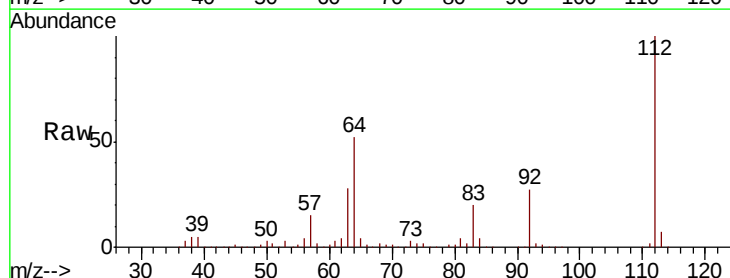
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 85.080 ng
 RT: 5.38 min Scan# 560
 Delta R.T. -0.00 min
 Lab File: BF119008.D
 Acq: 21 Feb 2020 22:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.2	40.4	60.6
63	27.7	21.3	31.9

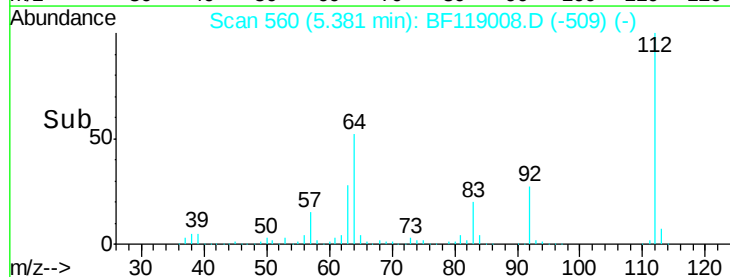
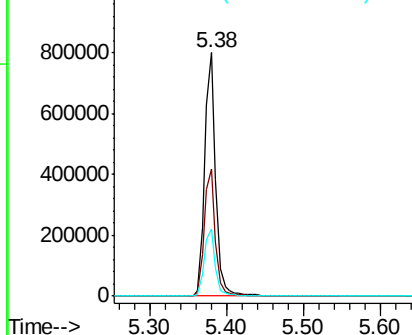


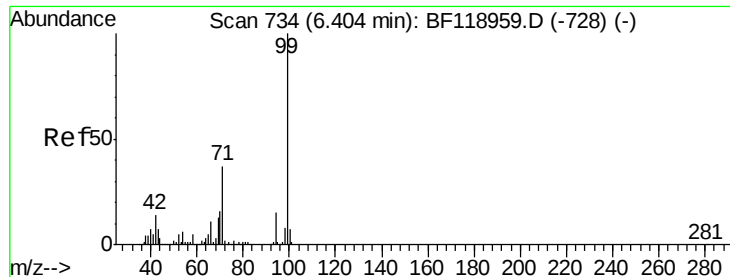
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 81.992 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119008.D

Acq: 21 Feb 2020 22:42

Instrument :

BNA_F

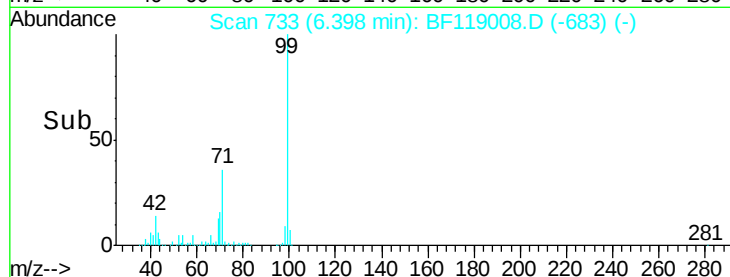
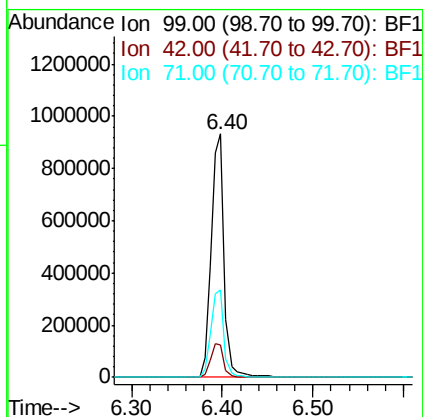
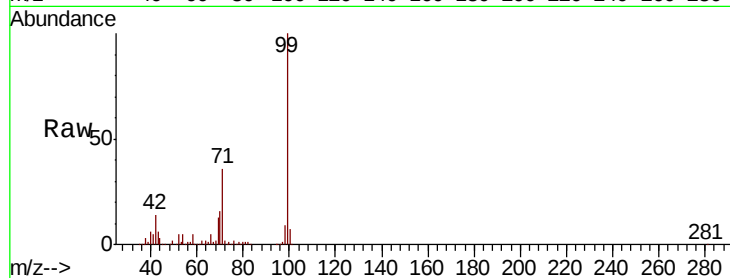
ClientSampleId :

FK-GF-02-050-B

Tot Ion:	99	Resp:	935440
Ion	Ratio	Lower	Upper
99	100		
42	13.6	11.4	17.0
71	36.1	29.8	44.6

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#21

Naphthalene-d8

Concen: 20.000 ng

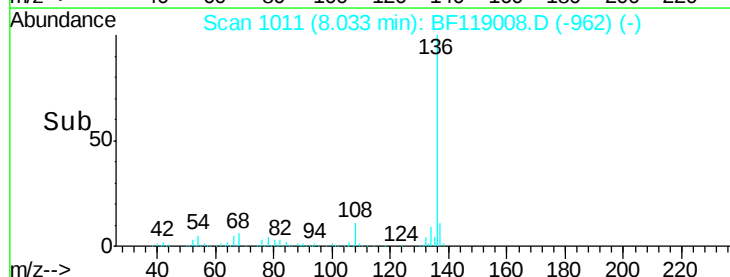
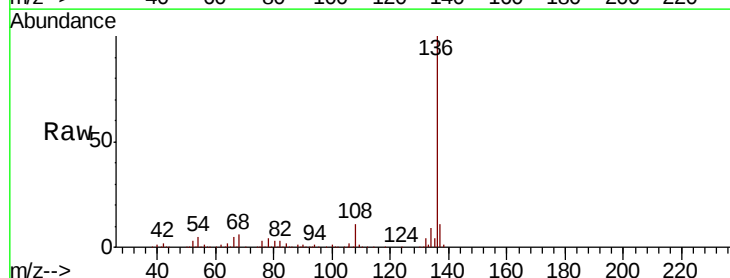
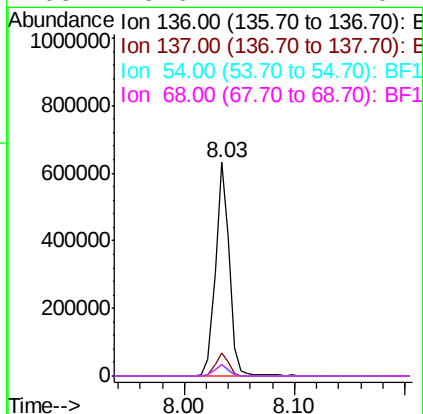
RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF119008.D

Acq: 21 Feb 2020 22:42

Tgt Ion:	136	Resp:	541633
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	5.3	3.8	5.6
68	5.6	4.2	6.2





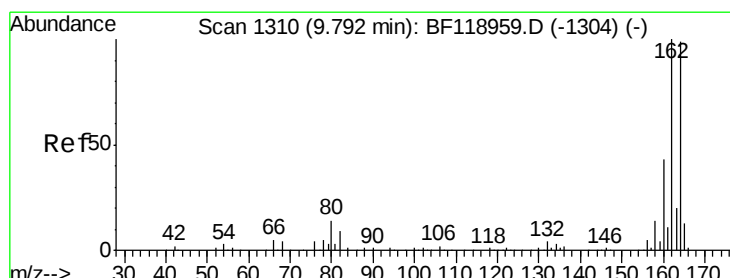
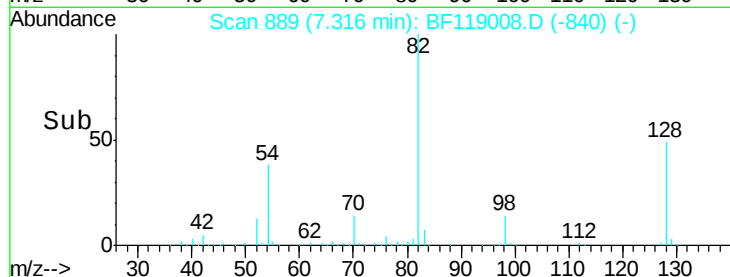
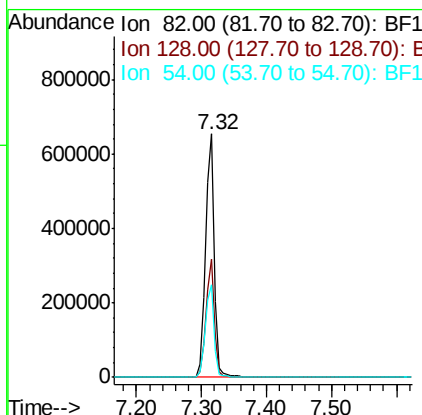
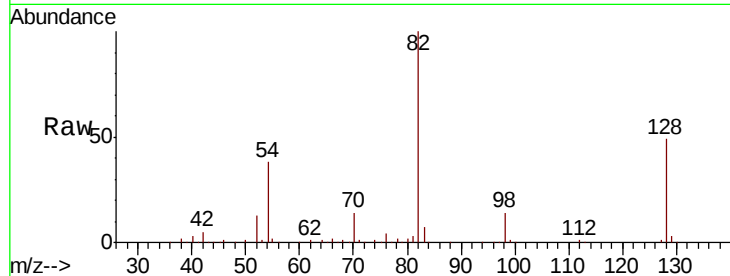
#23
 Nitrobenzene-d5
 Concen: 59.239 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF119008.D
 Acq: 21 Feb 2020 22:42

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-050-B

Tot Ion:	82	Resp:	607688
Ion Ratio	Lower	Upper	
82	100		
128	48.7	38.2	57.2
54	38.2	31.3	46.9

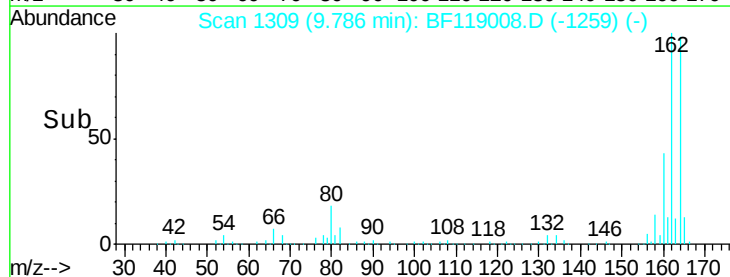
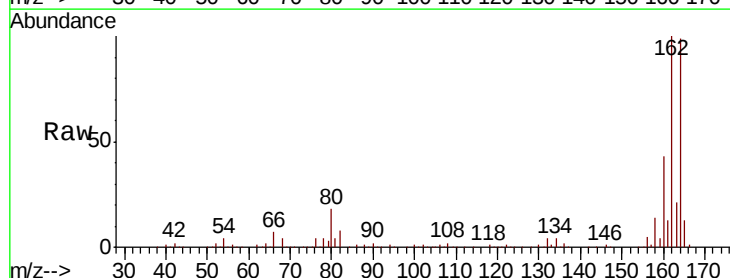
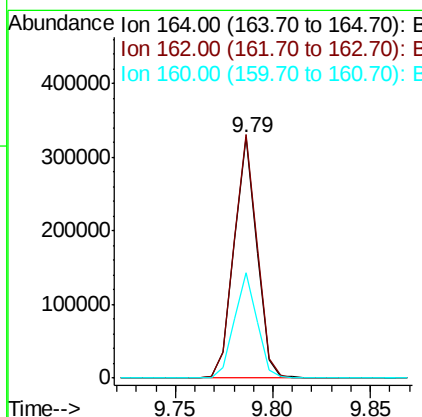
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF119008.D
 Acq: 21 Feb 2020 22:42

Tgt Ion:	164	Resp:	265768
Ion Ratio	Lower	Upper	
164	100		
162	101.3	81.2	121.8
160	43.8	35.2	52.8





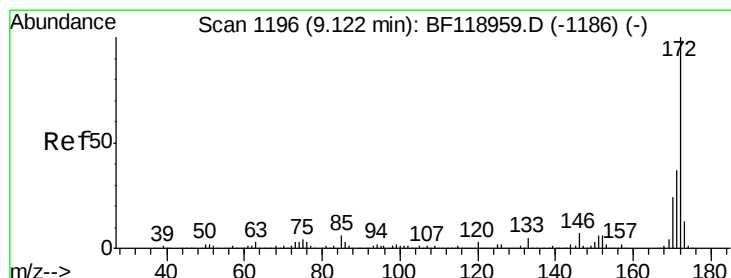
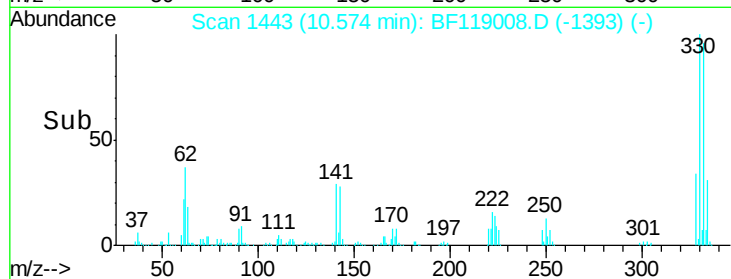
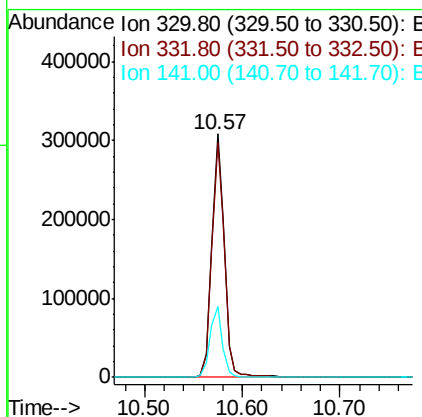
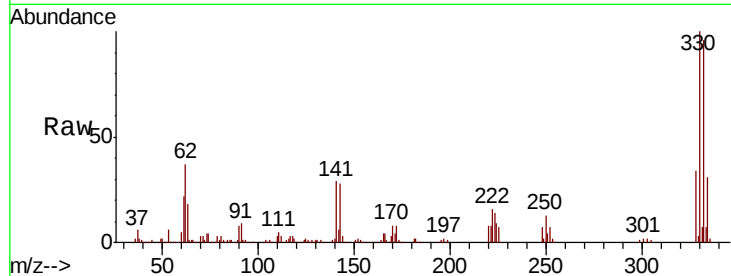
#42
 2,4,6-Tribromophenol
 Concen: 79.500 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF119008.D
 Acq: 21 Feb 2020 22:42

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-050-B

Tot Ion	Ratio	Resp	Lower	Upper
330	100	276398		
332	96.4	77.1	115.7	
141	28.8	23.0	34.6	

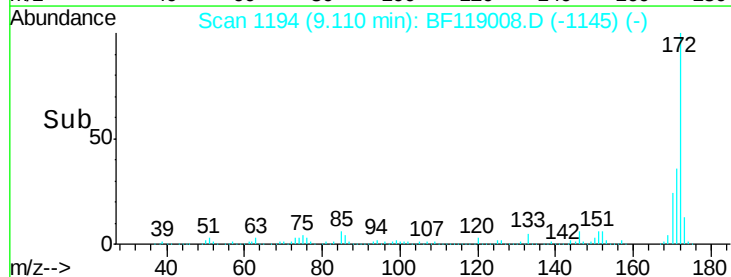
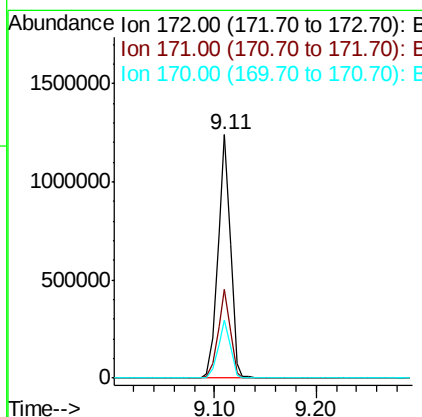
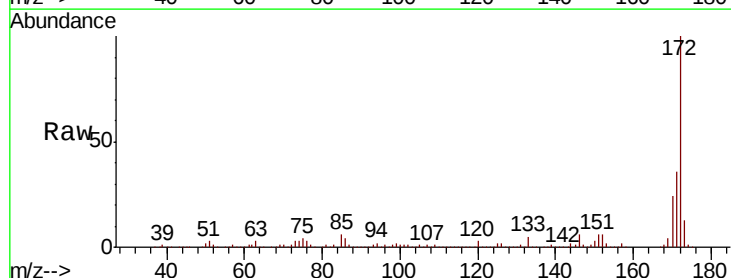
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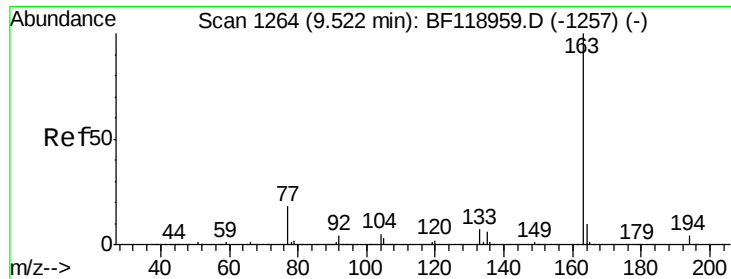
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#45
 2-Fluorobiphenyl
 Concen: 58.674 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119008.D
 Acq: 21 Feb 2020 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1058513		
171	36.4	29.4	44.2	
170	23.9	19.6	29.4	





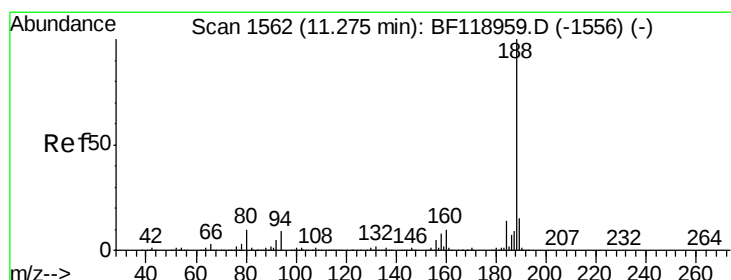
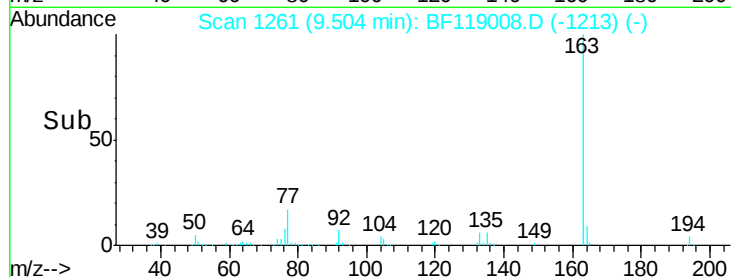
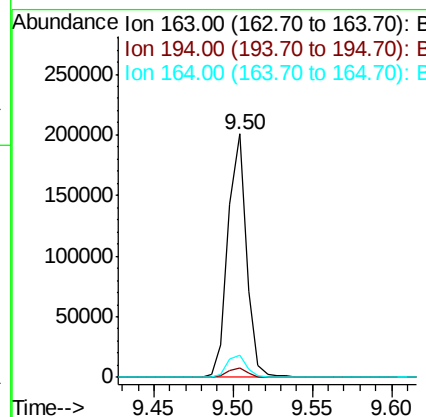
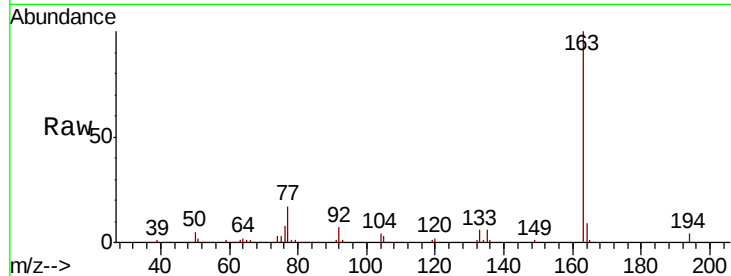
#50
Dimethylphthalate
Concen: 8.004 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF119008.D
Acq: 21 Feb 2020 22:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-050-B

Tot Ion	Ratio	Resp	Lower	Upper
163	100	162653		
194	4.1	3.4	5.2	
164	9.3	8.2	12.2	

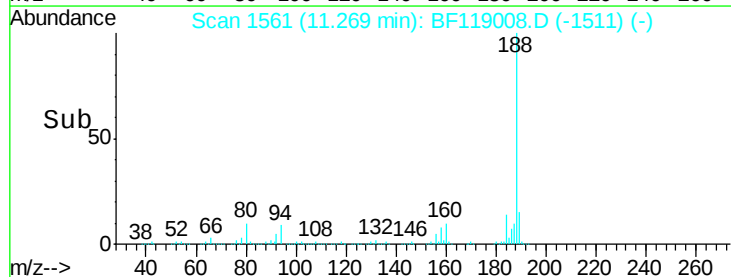
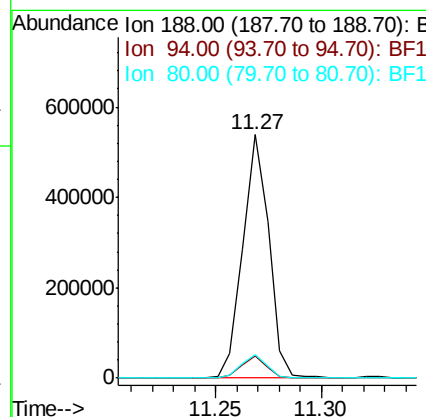
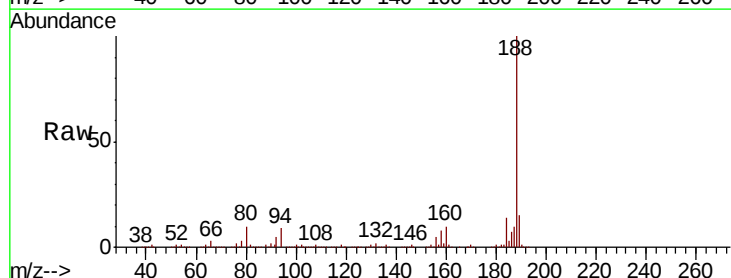
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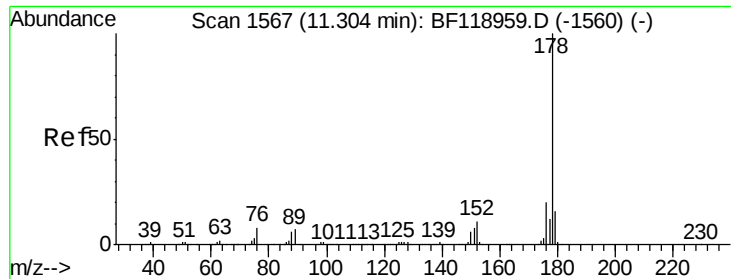
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF119008.D
Acq: 21 Feb 2020 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	461280		
94	9.0	7.0	10.6	
80	9.5	7.9	11.9	





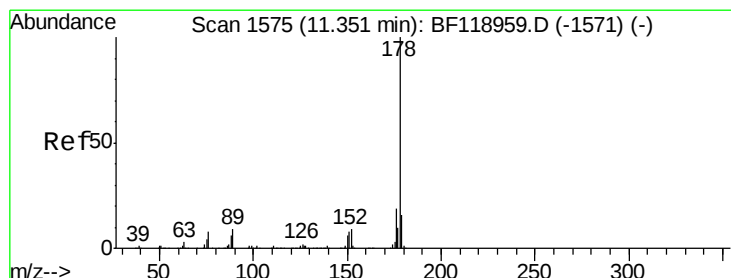
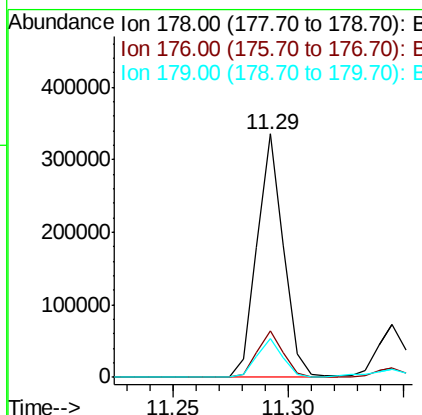
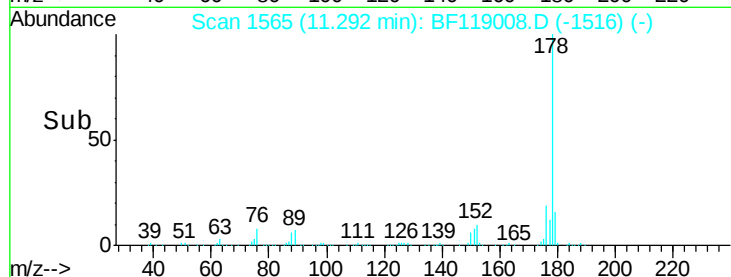
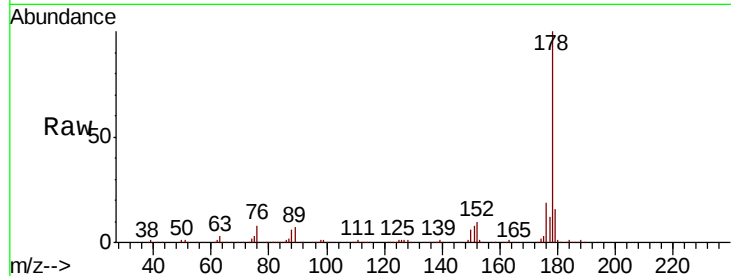
#71
Phenanthrene
Concen: 10.729 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF119008.D
Acq: 21 Feb 2020 22:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-050-B

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	16.0	12.6	18.8

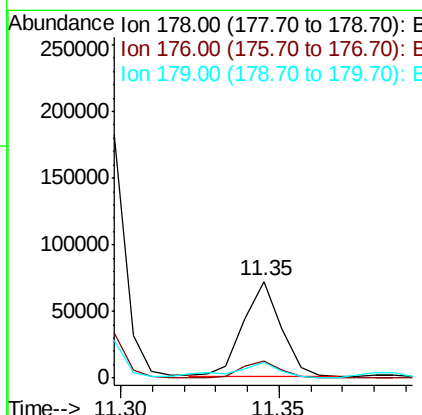
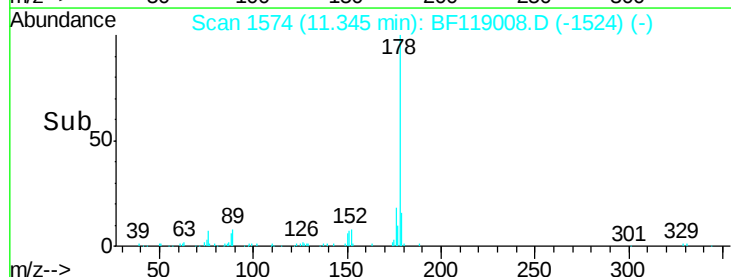
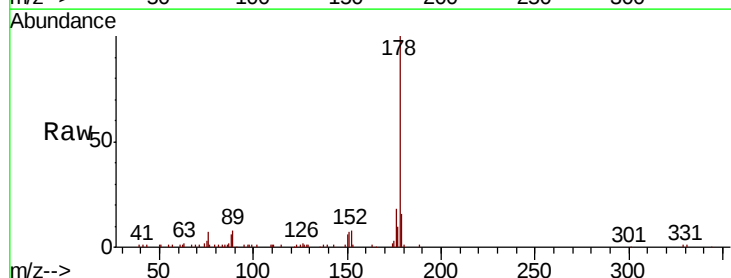
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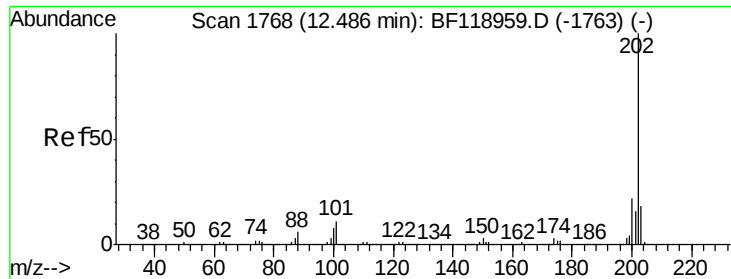
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#72
Anthracene
Concen: 2.365 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF119008.D
Acq: 21 Feb 2020 22:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.4	23.2
179	15.7	12.8	19.2





#75

Fluoranthene

Concen: 13.101 ng

RT: 12.48 min Scan# 1767

Delta R.T. -0.01 min

Lab File: BF119008.D

Acq: 21 Feb 2020 22:42

Instrument :

BNA_F

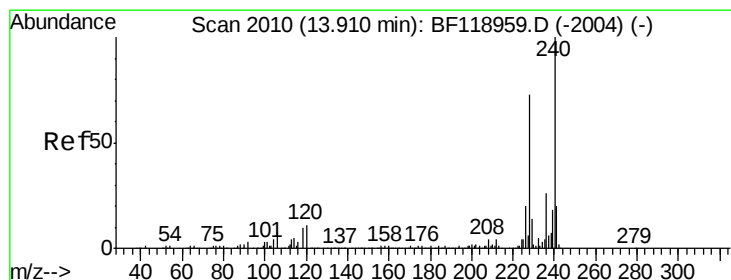
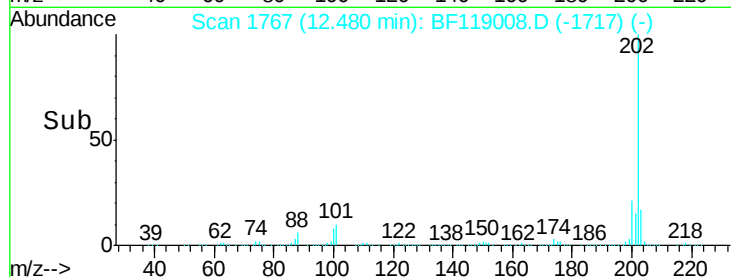
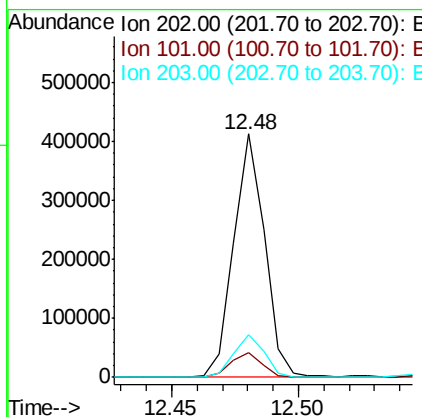
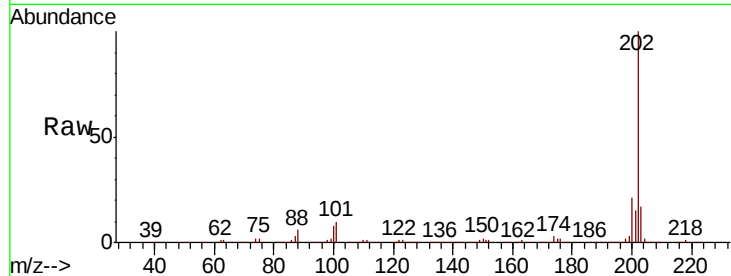
ClientSampleId :

FK-GF-02-050-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		349815		
101	10.1	0.0	31.1		
203	17.4	0.0	38.1		

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#76

Chrysene-d12

Concen: 20.000 ng

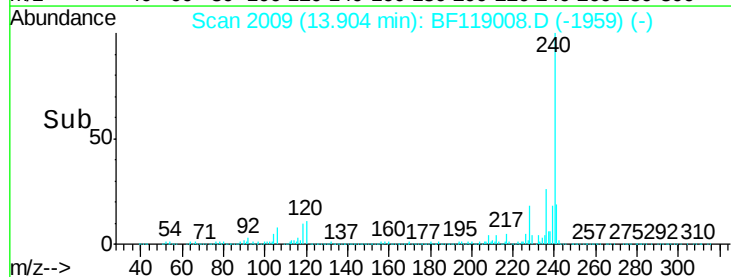
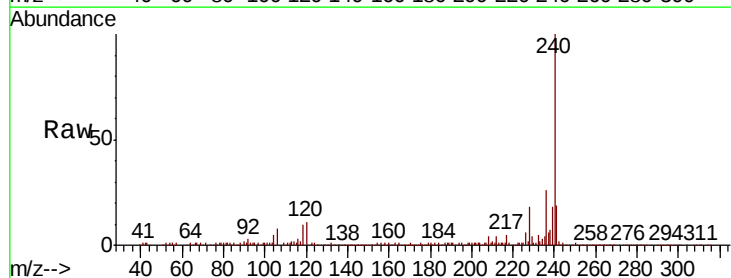
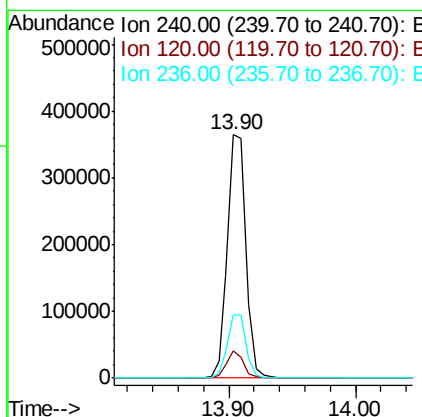
RT: 13.90 min Scan# 2009

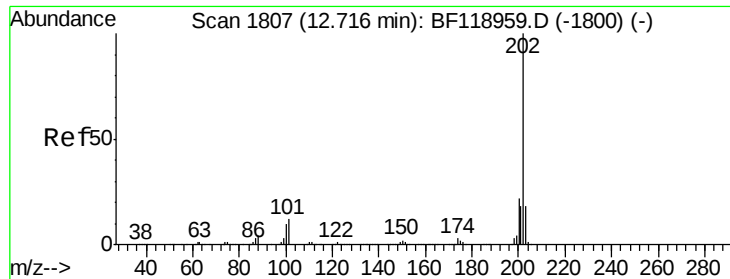
Delta R.T. -0.01 min

Lab File: BF119008.D

Acq: 21 Feb 2020 22:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		366280		
120	11.2	8.9	13.3		
236	25.9	20.6	30.8		





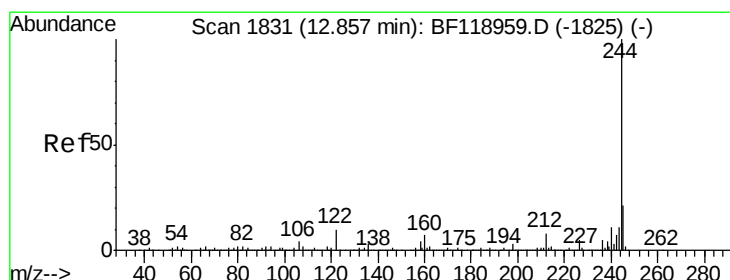
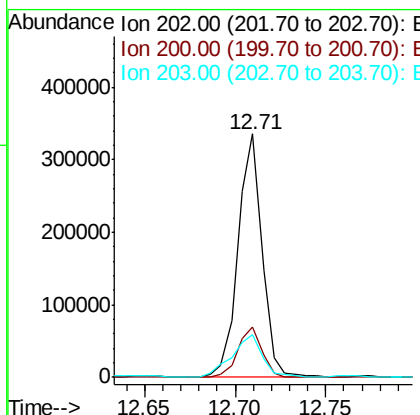
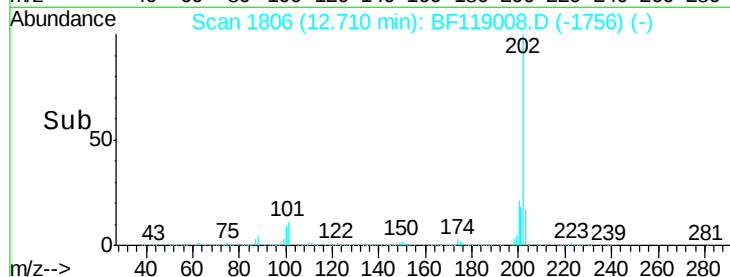
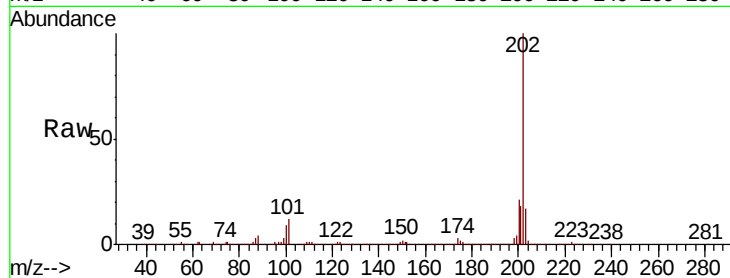
#78
Pvrene
Concen: 10.473 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BF119008.D
Acq: 21 Feb 2020 22:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-050-B

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.0
203	17.5	14.5	21.7

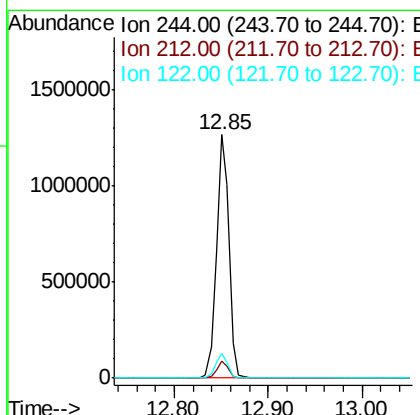
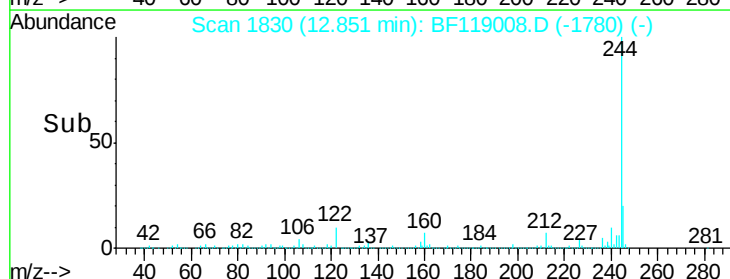
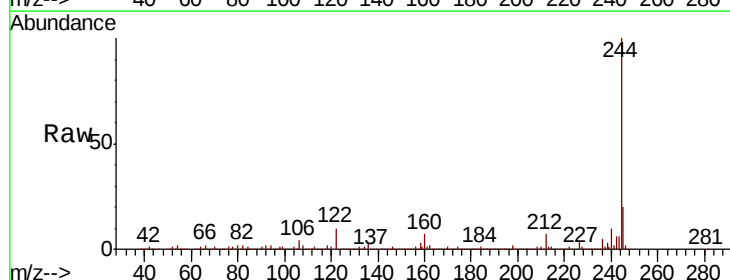
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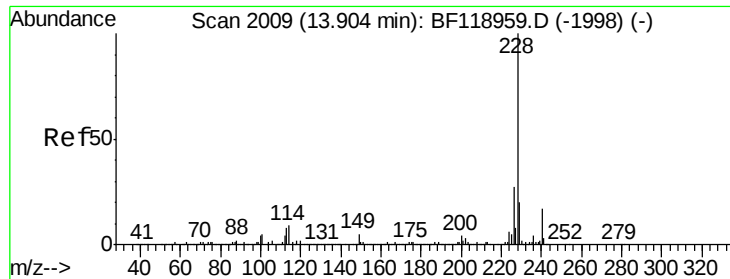
mohammad
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#79
Terphenyl-d14
Concen: 55.307 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF119008.D
Acq: 21 Feb 2020 22:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.3	9.5
122	10.4	8.4	12.6





#81

Benzo(a)anthracene

Concen: 5.975 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF119008.D

Acq: 21 Feb 2020 22:42

Instrument :

BNA_F

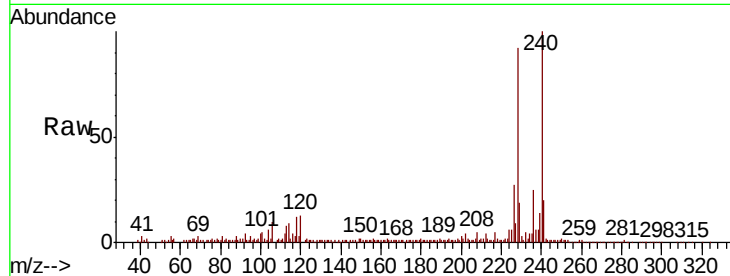
ClientSampleId :

FK-GF-02-050-B

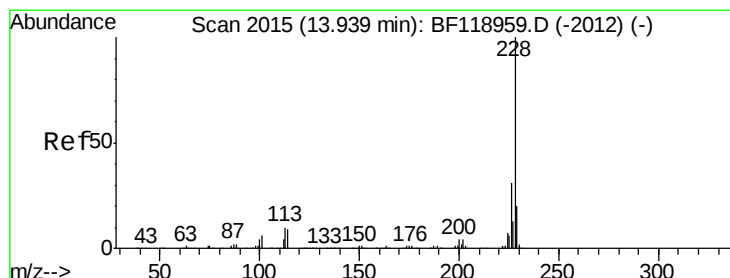
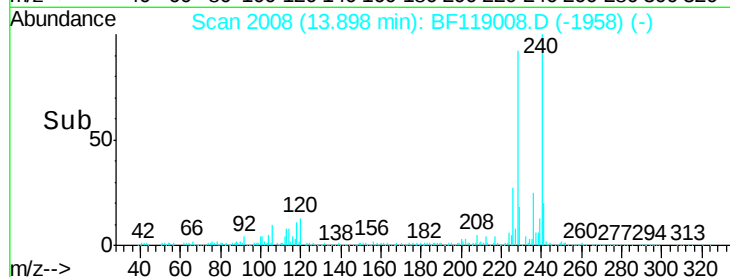
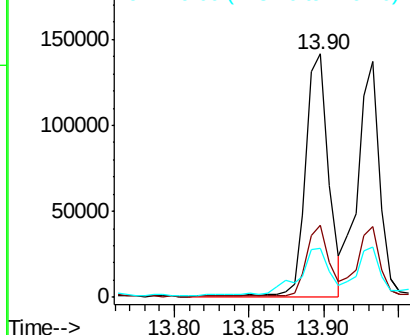
Tot Ion:	228	Resp:	149111
Ion Ratio	Lower	Upper	
228	100		
226	29.6	21.8	32.8
229	20.3	16.0	24.0

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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: 5.703 ng

RT: 13.93 min Scan# 2014

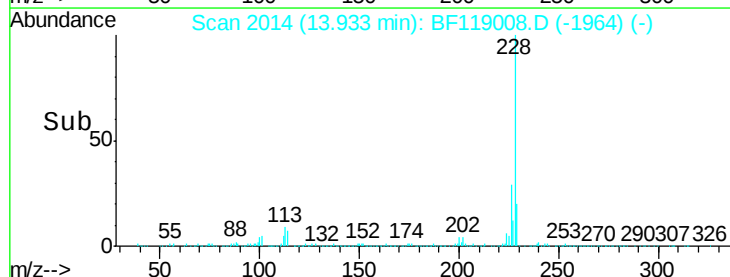
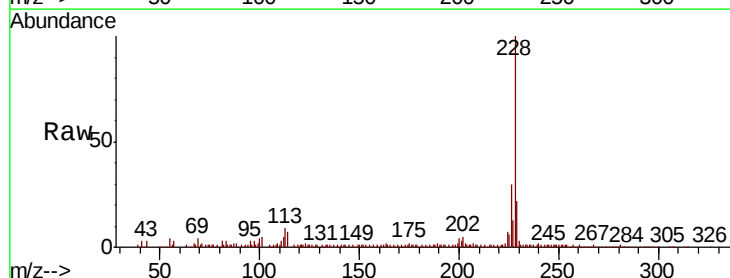
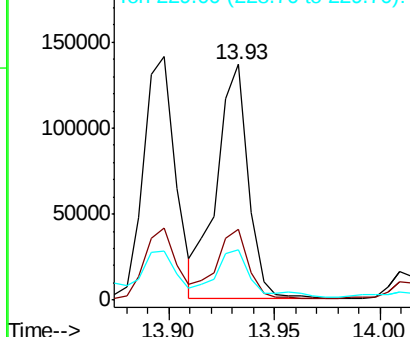
Delta R.T. -0.01 min

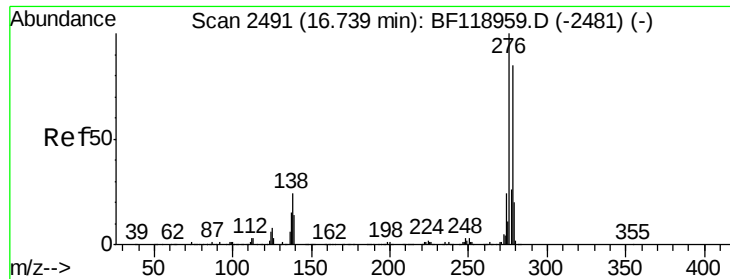
Lab File: BF119008.D

Acq: 21 Feb 2020 22:42

Tgt Ion:	228	Resp:	141828
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.6	37.0
229	21.6	16.2	24.2

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





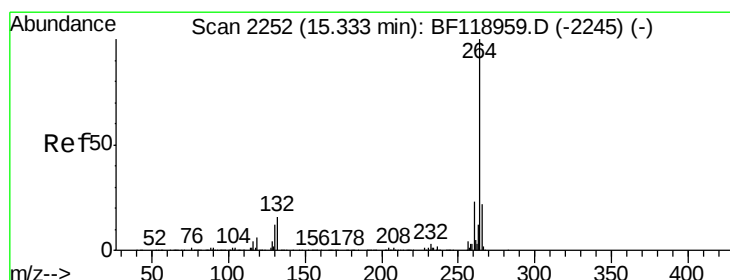
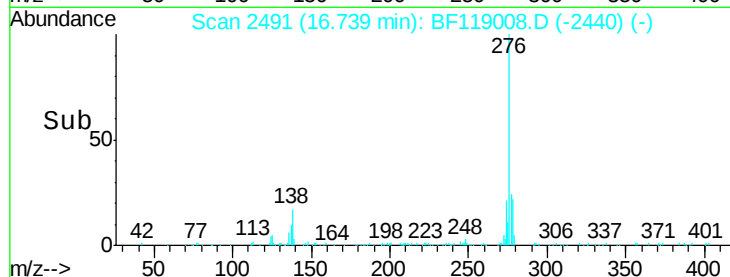
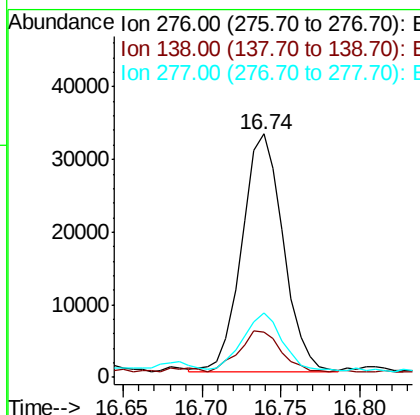
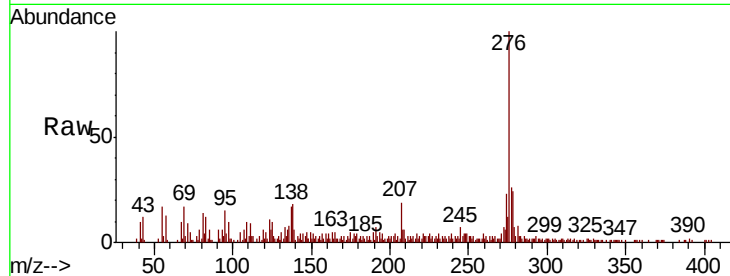
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.468 ng
RT: 16.74 min Scan# 2491
Delta R.T. -0.00 min
Lab File: BF119008.D
Acq: 21 Feb 2020 22:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-050-B

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.4	18.7	28.1#
277	23.6	20.3	30.5

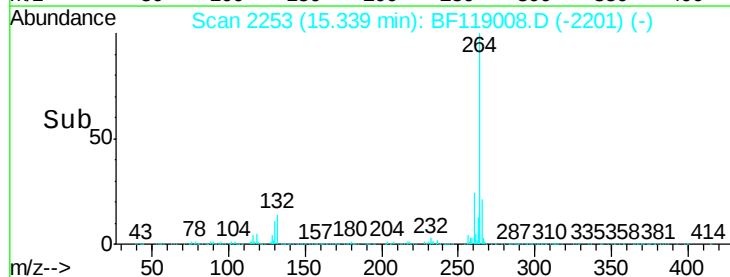
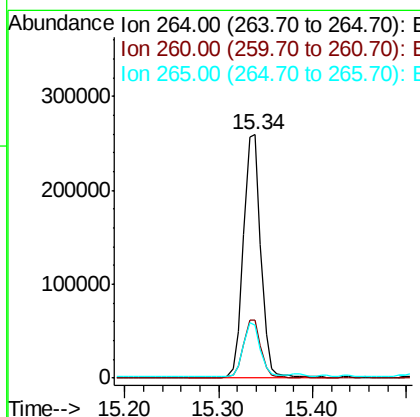
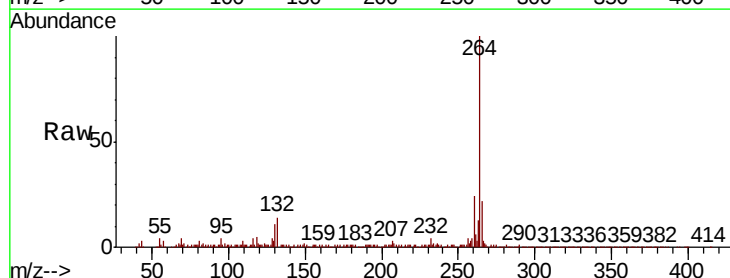
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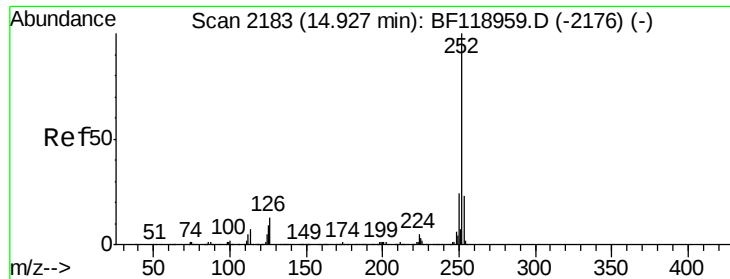
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.01 min
Lab File: BF119008.D
Acq: 21 Feb 2020 22:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	28.0
265	21.8	17.3	25.9





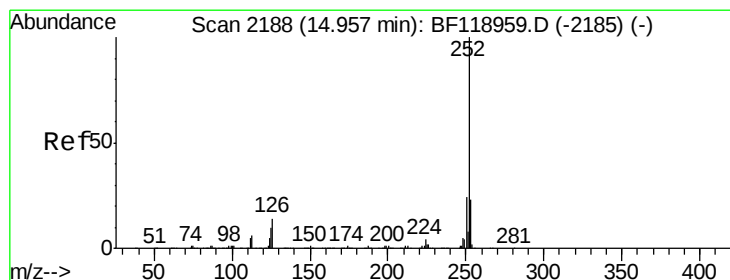
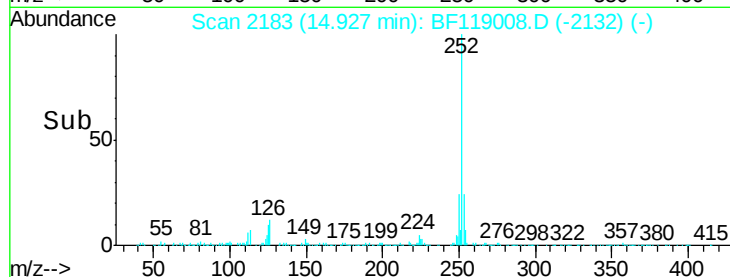
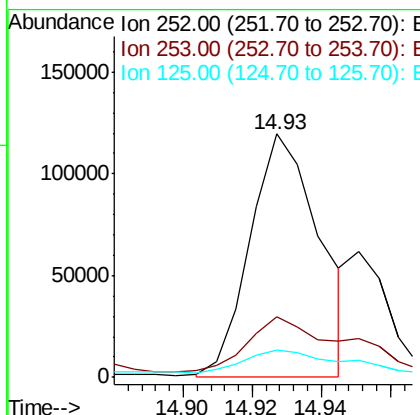
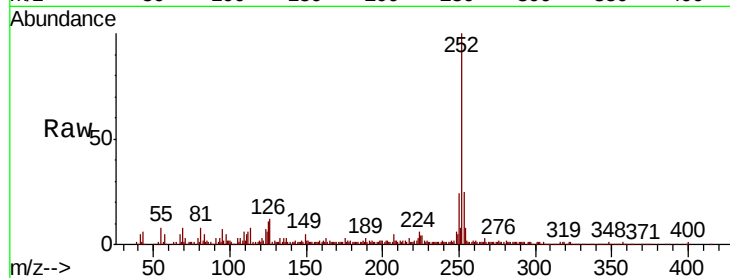
#88
Benzo(b)fluoranthene
Concen: 7.650 ng m
RT: 14.93 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BF119008.D
Acq: 21 Feb 2020 22:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-050-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.2	27.2
125	11.4	7.4	11.0

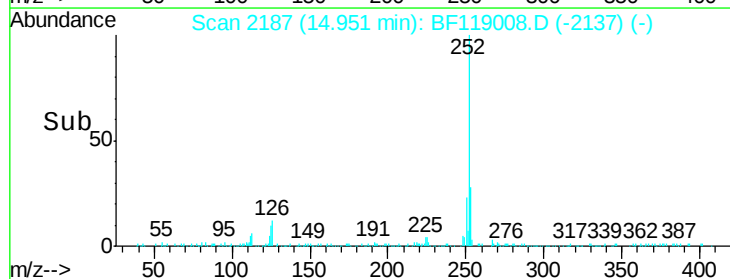
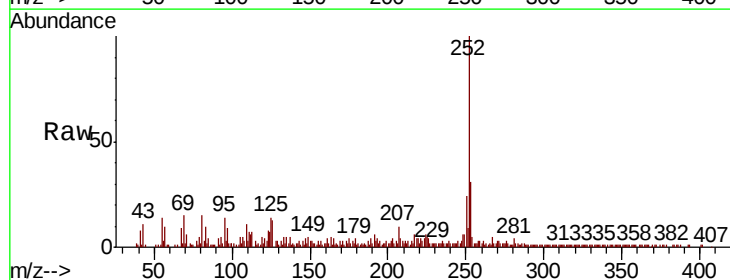
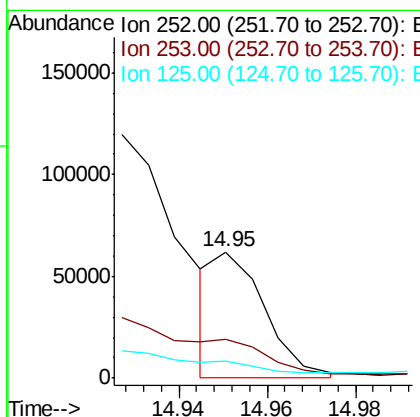
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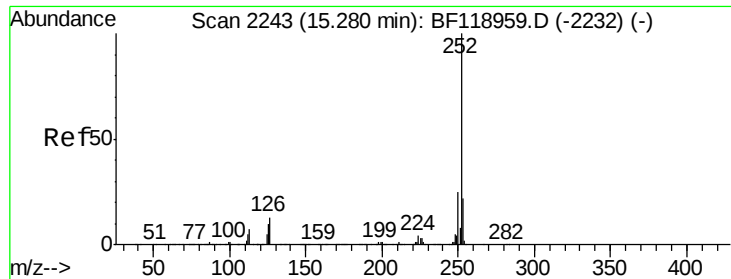
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#89
Benzo(k)fluoranthene
Concen: 2.413 ng m
RT: 14.95 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BF119008.D
Acq: 21 Feb 2020 22:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.5	17.9	26.9
125	13.7	7.3	10.9





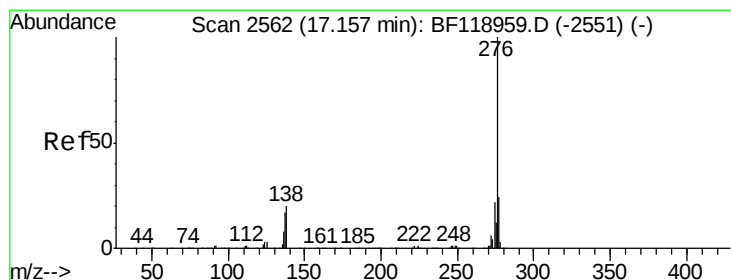
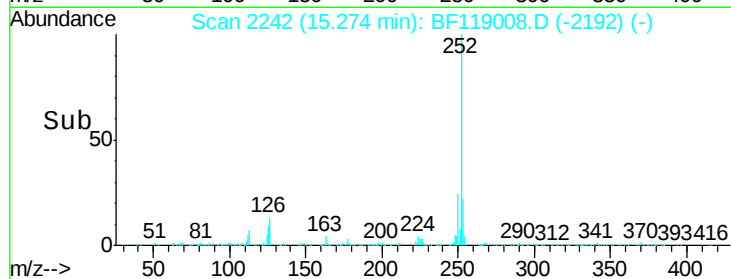
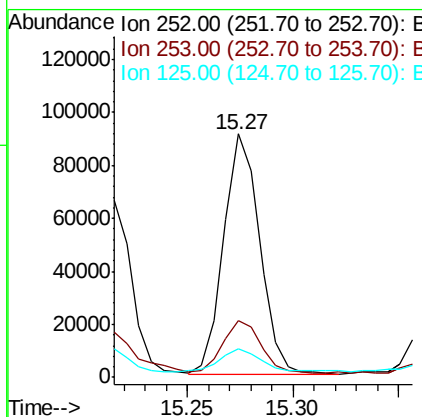
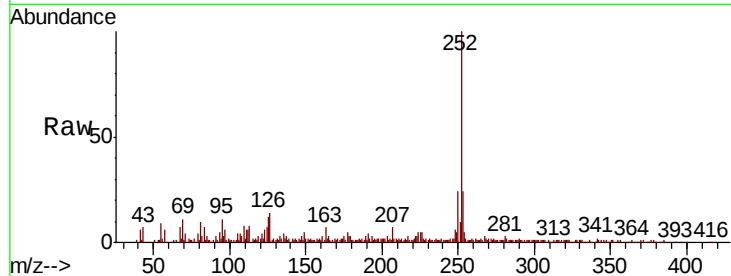
#90
Benzo(a)pyrene
Concen: 5.506 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF119008.D
Acq: 21 Feb 2020 22:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-050-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	12.0	7.8	11.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.109 ng
RT: 17.16 min Scan# 2563
Delta R.T. 0.01 min
Lab File: BF119008.D
Acq: 21 Feb 2020 22:42

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.3	19.2	28.8
138	19.4	16.2	24.4

