

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
 Data File : BF107886.D
 Acq On : 1 Aug 2018 13:59
 Operator : JU/SJ
 Sample : J4237-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-023-A

Manual Integrations
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Sohil
 8/2/2018 9:17:00 AM

Quant Time: Aug 01 14:56:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	132862	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	540749	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	232019	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	426724	20.00	ng	0.00
75) Chrysene-d12	14.15	240	400971	20.00	ng	0.00
86) Perylene-d12	15.69	264	451593	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	785727	100.51	ng	0.00
7) Phenol-d6	6.60	99	908670	88.19	ng	0.00
23) Nitrobenzene-d5	7.52	82	616465	65.68	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	245074	77.74	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1070699	64.31	ng	0.00
78) Terphenyl-d14	13.08	244	952319	51.50	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	179354	10.293	ng	Qvalue 100
70) Phenanthrene	11.52	178	187302	9.244	ng	98
71) Anthracene	11.58	178	74421	3.184	ng	96
74) Fluoranthene	12.72	202	197045	8.278	ng	96
77) Pyrene	12.95	202	168154	5.824	ng	95
80) Benzo(a)anthracene	14.14	228	90214	3.972	ng	97
82) Chrysene	14.18	228	74740	3.051	ng	97
85) Indeno(1,2,3-cd)pyrene	17.28	276	41241	2.213	ng	# 90
87) Benzo(b)fluoranthene	15.24	252	89830m	4.033	ng	
89) Benzo(a)pyrene	15.63	252	72373	3.148	ng	# 94

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

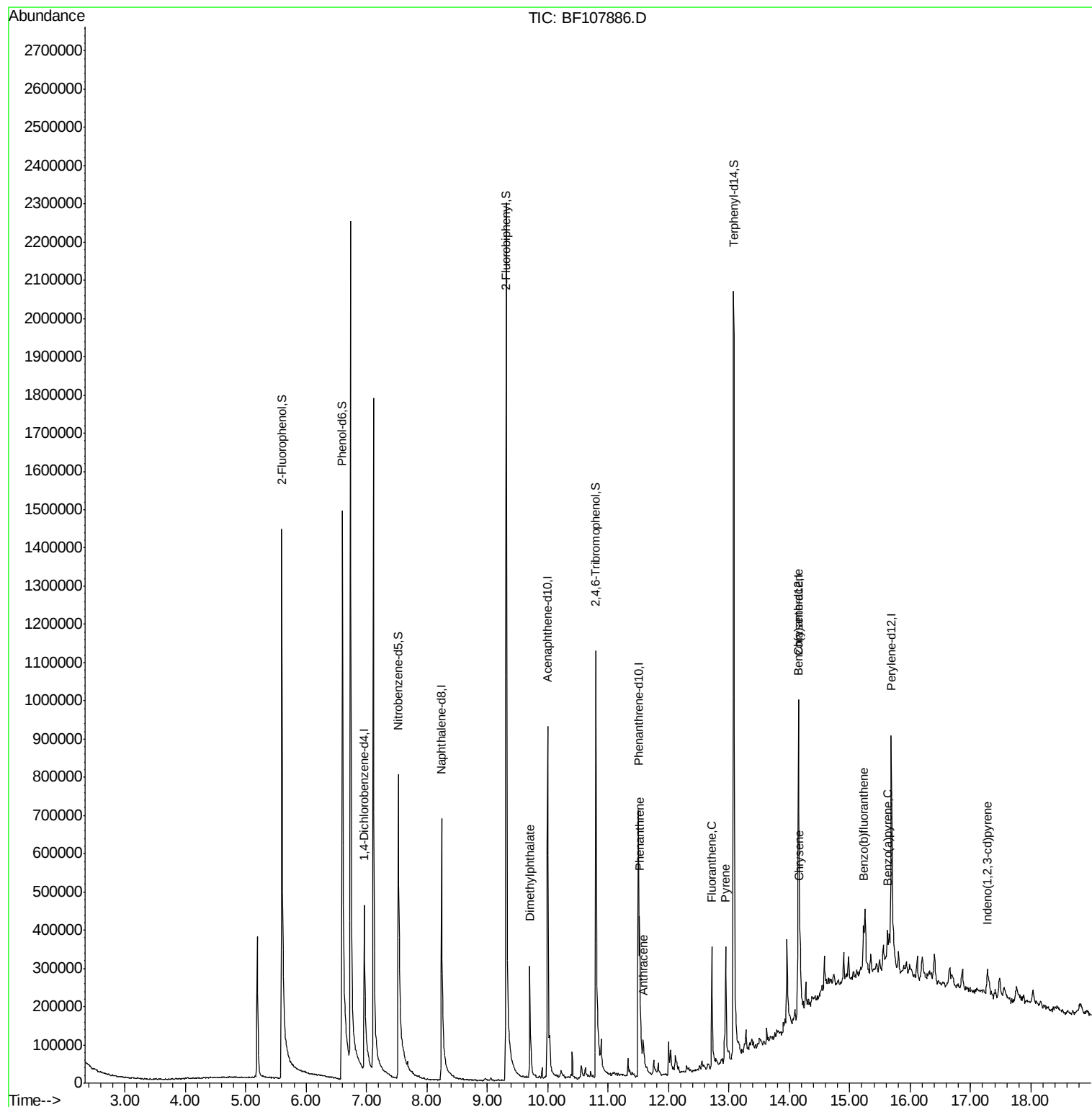
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107886.D
Acq On : 1 Aug 2018 13:59
Operator : JU/SJ
Sample : J4237-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

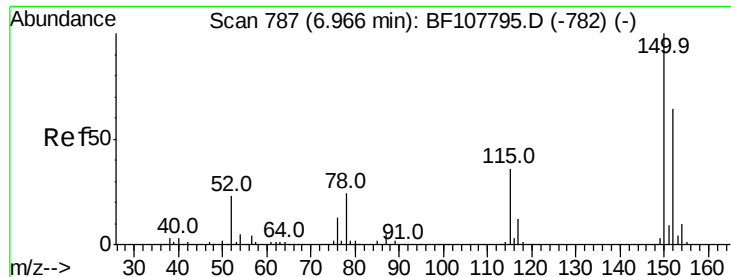
Instrument :
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FK-GF-02-023-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

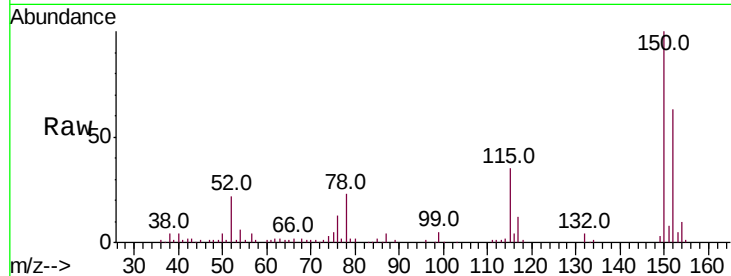
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF107886.D
Acq: 1 Aug 2018 13:59

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-023-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.6	186.8
115	56.1	50.1	75.1

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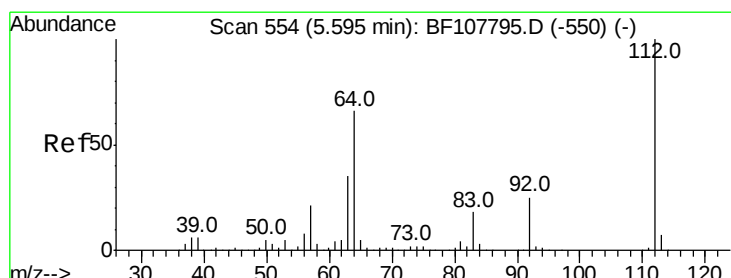
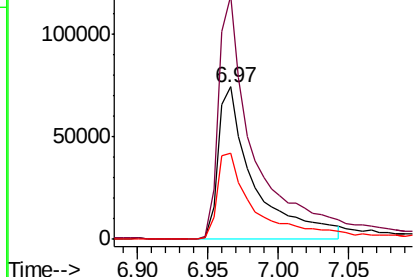
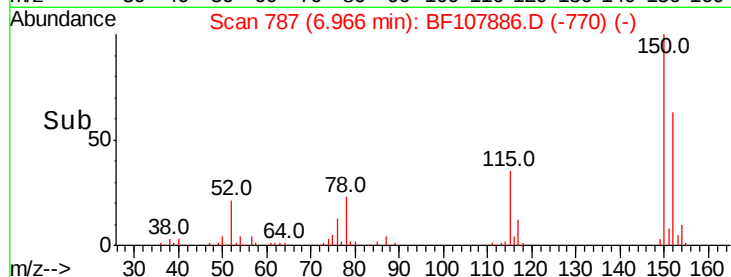


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

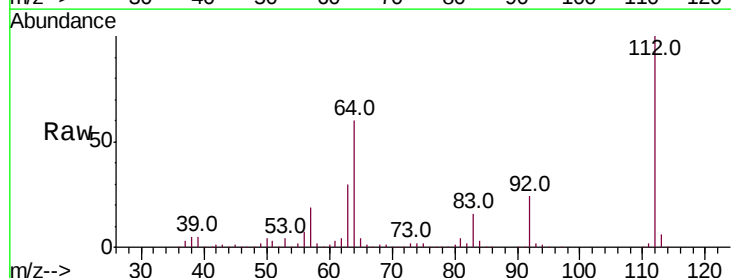
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 100.509 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF107886.D
Acq: 1 Aug 2018 13:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	47.9	71.9
63	30.5	23.7	35.5

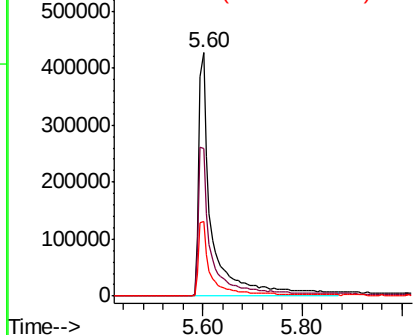
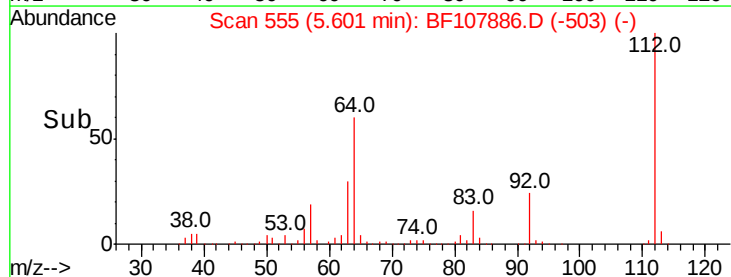


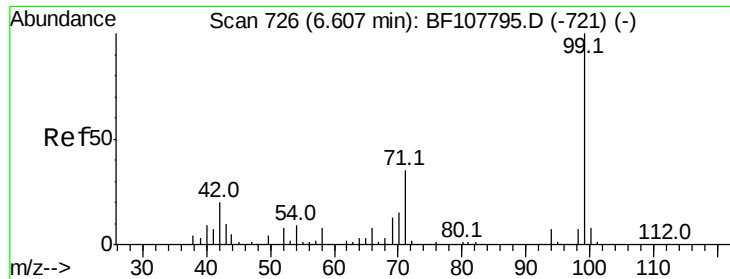
Abundance

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: 88.195 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107886.D

Acq: 1 Aug 2018 13:59

Instrument :

BNA_F

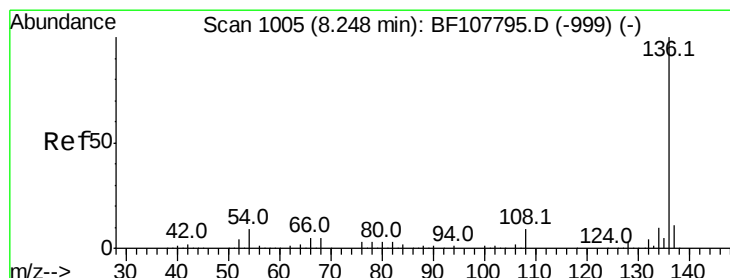
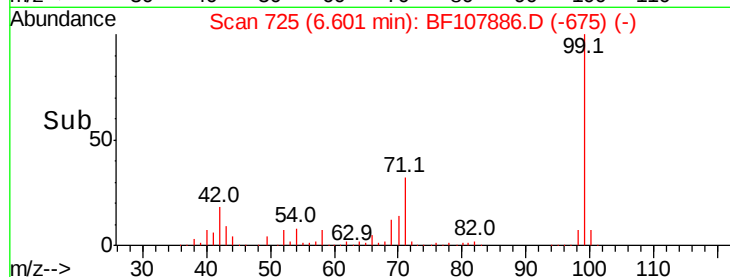
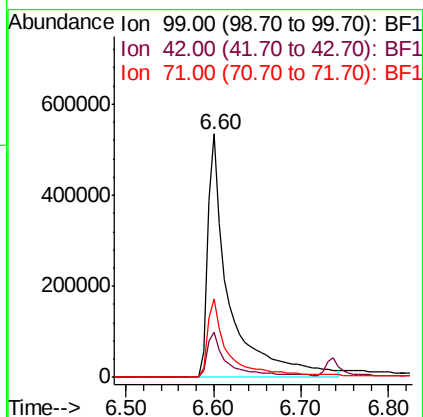
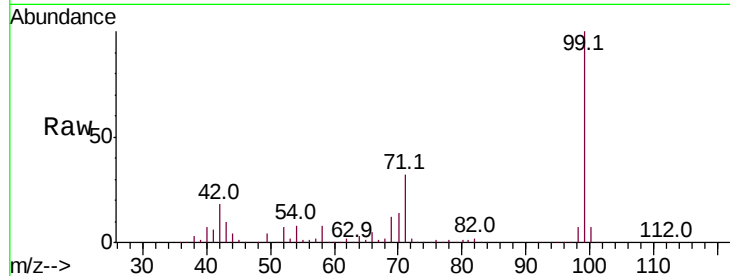
ClientSampleId :

FK-GF-02-023-A

Tot Ion:	99	Resp:	908670
Ion Ratio	Lower	Upper	
99	100		
42	18.3	14.5	21.7
71	32.3	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

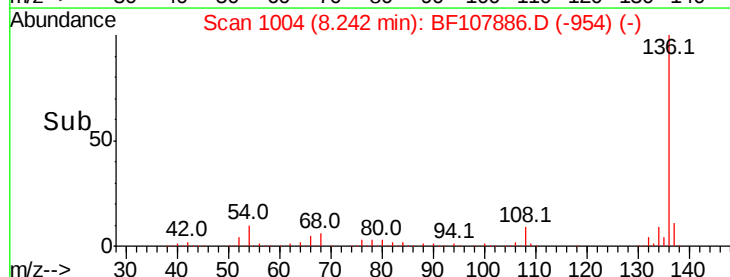
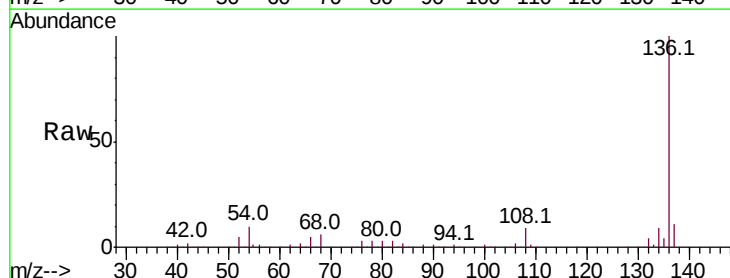
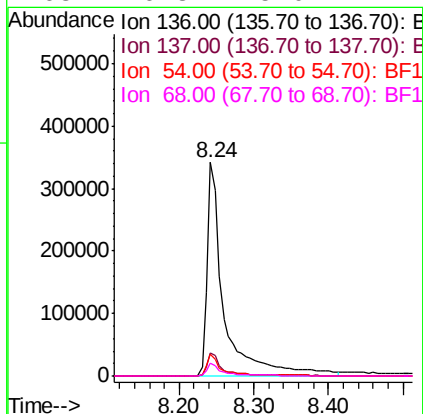
RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF107886.D

Acq: 1 Aug 2018 13:59

Tgt Ion:	136	Resp:	540749
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	10.1	6.6	9.8#
68	6.3	5.0	7.4





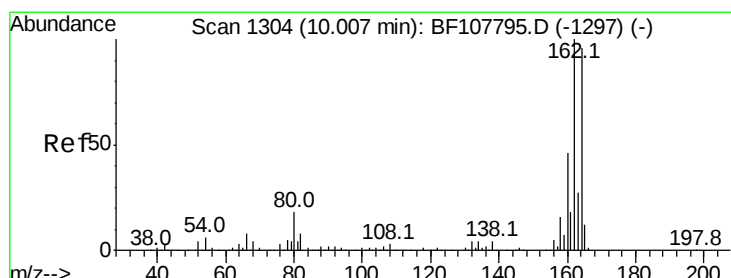
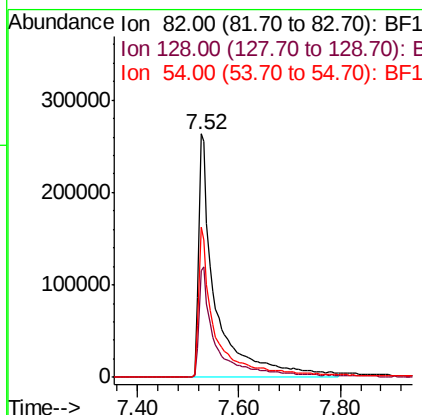
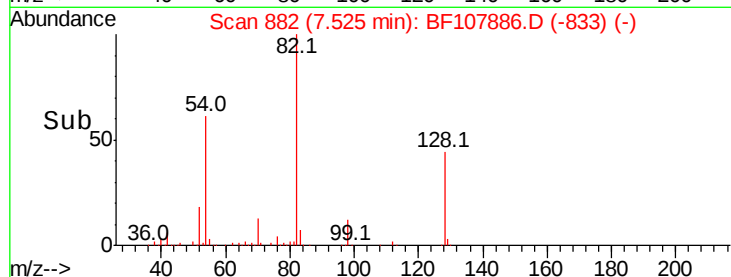
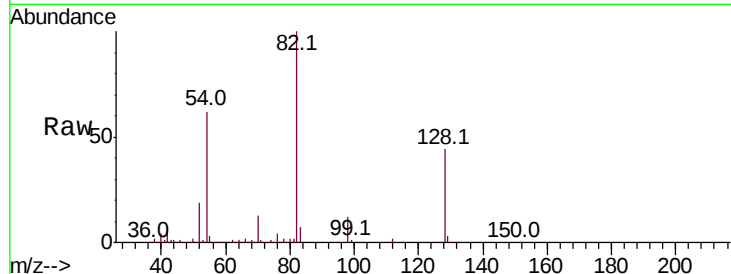
#23
Nitrobenzene-d5
Concen: 65.677 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107886.D
Acq: 1 Aug 2018 13:59

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-023-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.8	36.1	54.1
54	61.5	41.4	62.2

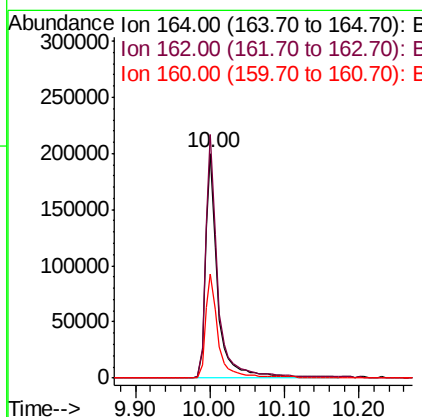
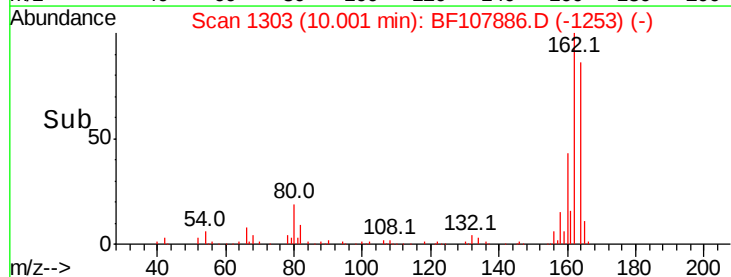
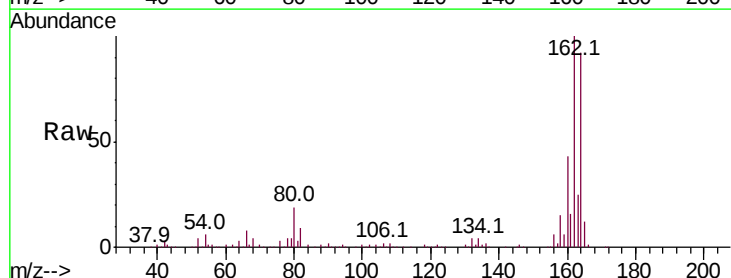
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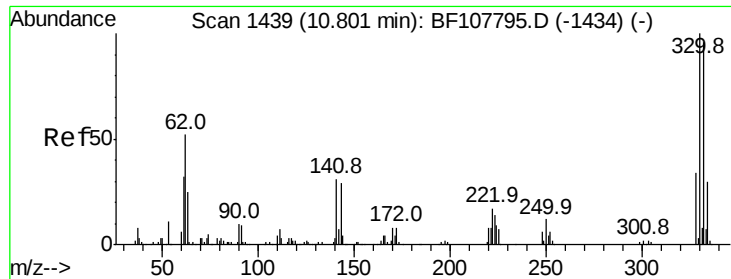
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107886.D
Acq: 1 Aug 2018 13:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.5	86.1	129.1
160	46.6	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 77.735 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BF107886.D

Acq: 1 Aug 2018 13:59

Instrument :

BNA_F

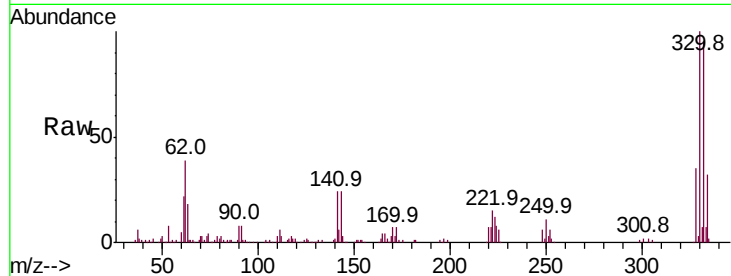
ClientSampleId :

FK-GF-02-023-A

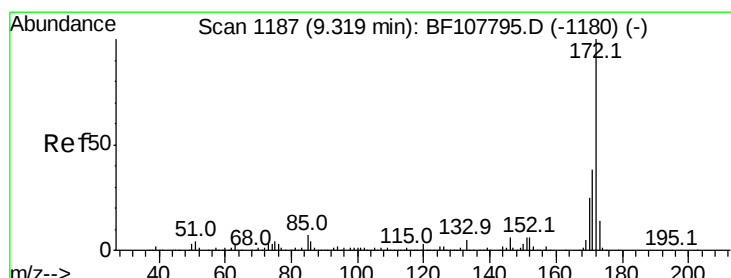
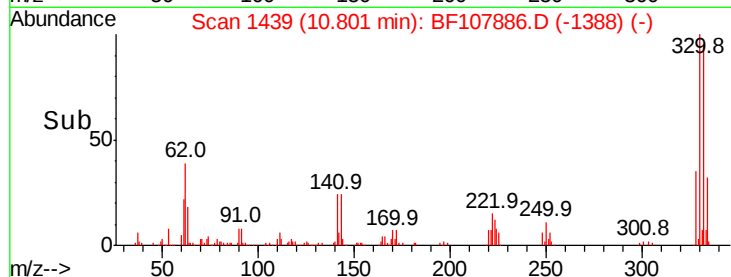
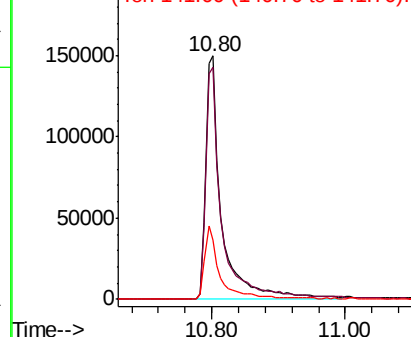
Tot Ion:	330	Resp:	245074
Ion Ratio	Lower	Upper	
330	100		
332	94.8	77.0	115.6
141	29.5	29.9	44.9#

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 64.305 ng

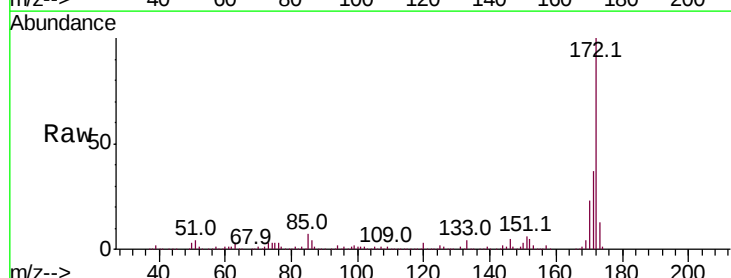
RT: 9.31 min Scan# 1186

Delta R.T. -0.01 min

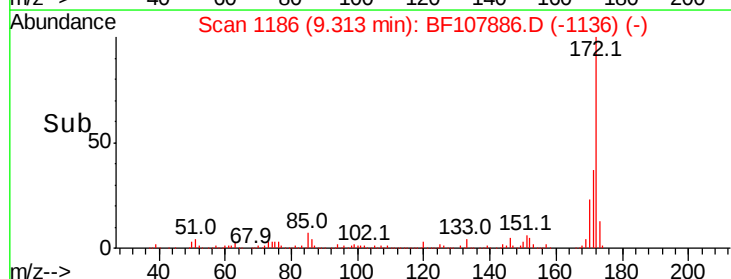
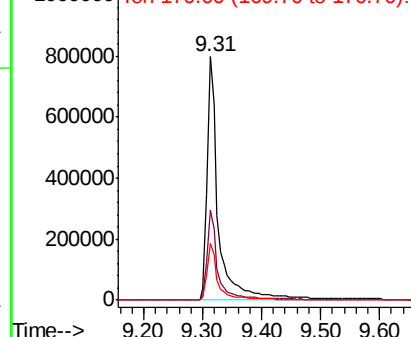
Lab File: BF107886.D

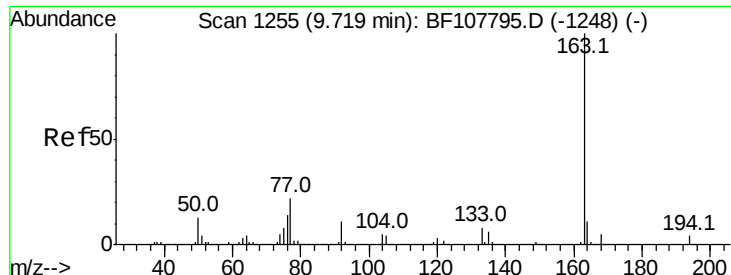
Acq: 1 Aug 2018 13:59

Tgt Ion:	172	Resp:	1070699
Ion Ratio	Lower	Upper	
172	100		
171	36.8	29.7	44.5
170	23.3	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





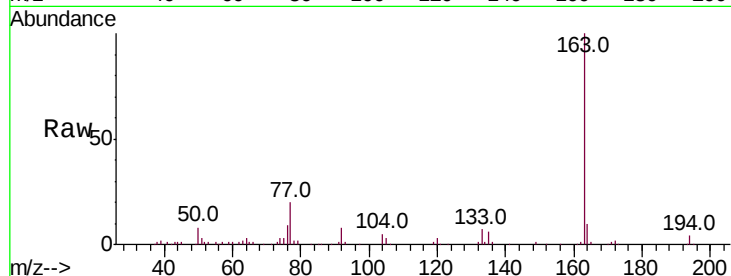
#49
Dimethylphthalate
Concen: 10.293 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF107886.D
Acq: 1 Aug 2018 13:59

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-023-A

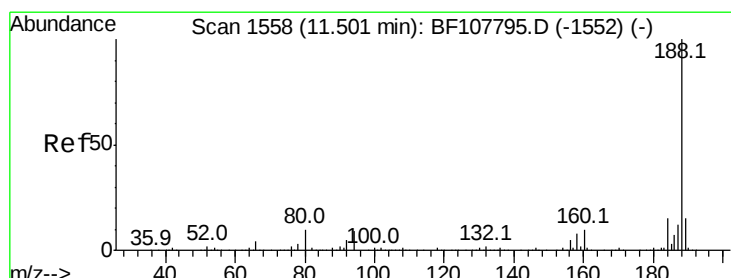
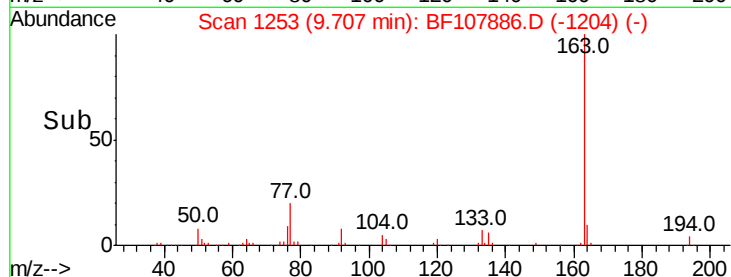
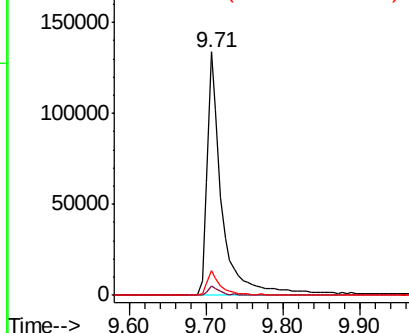
Tot Ion	Ratio	Resp	Lower	Upper
163	100	179354		
194	3.6	2.7	4.1	
164	10.1	8.2	12.2	

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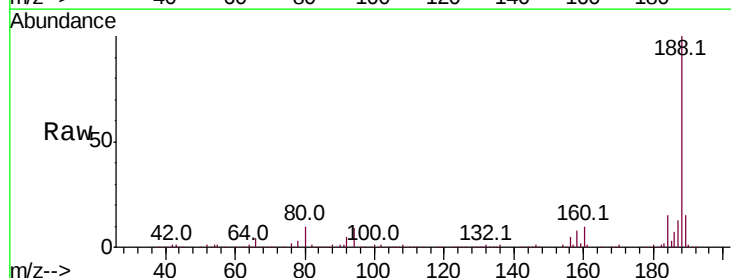


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

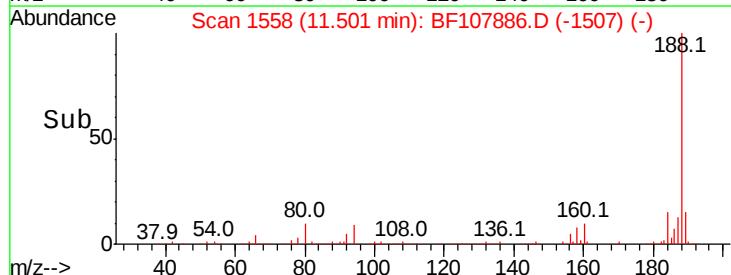
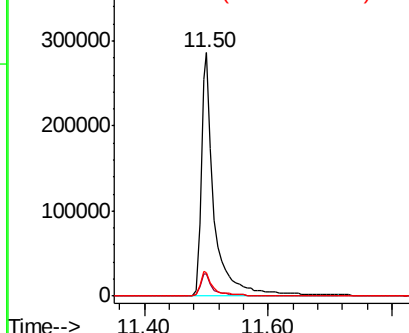


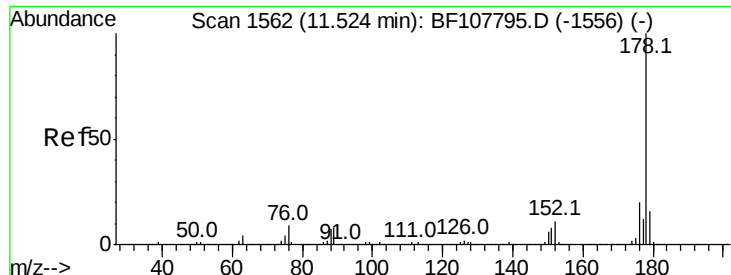
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF107886.D
Acq: 1 Aug 2018 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	426724		
94	9.1	8.5	12.7	
80	9.7	9.2	13.8	



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





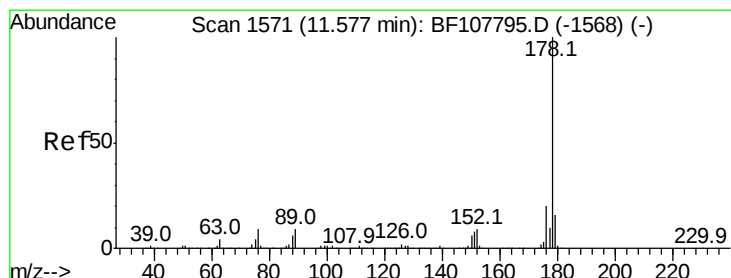
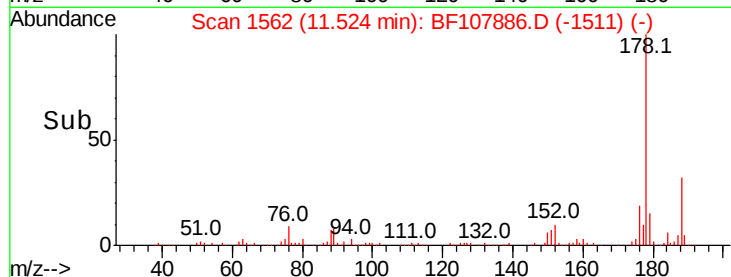
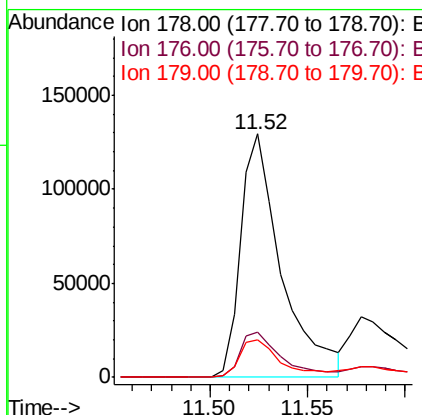
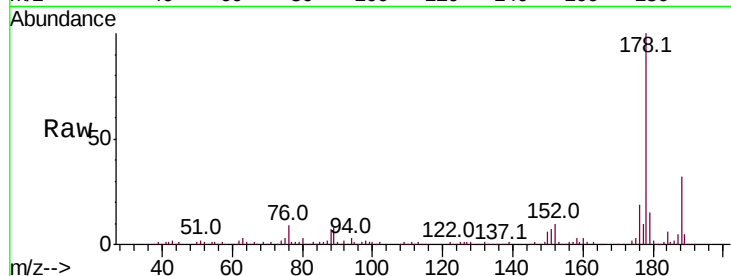
#70
Phenanthrene
Concen: 9.244 ng
RT: 11.52 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF107886.D
Acq: 1 Aug 2018 13:59

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-023-A

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.5	13.0	19.6

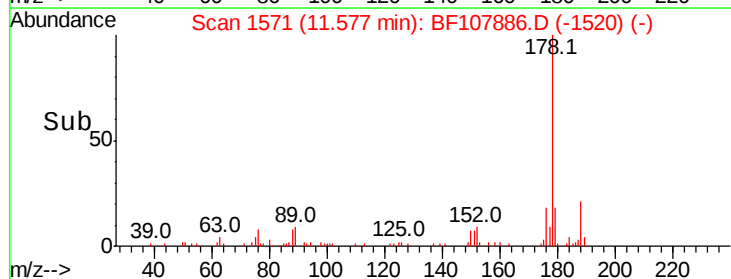
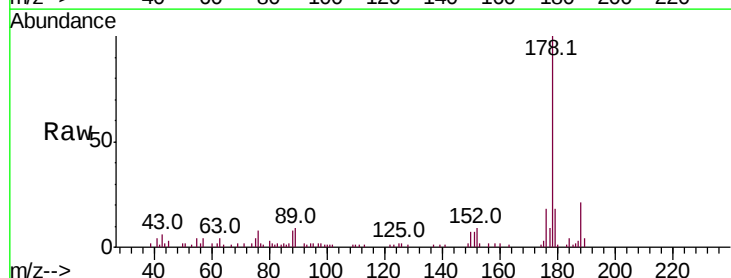
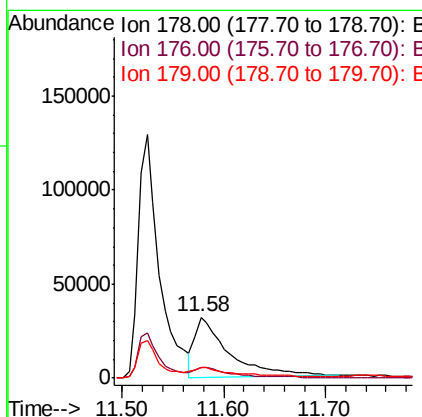
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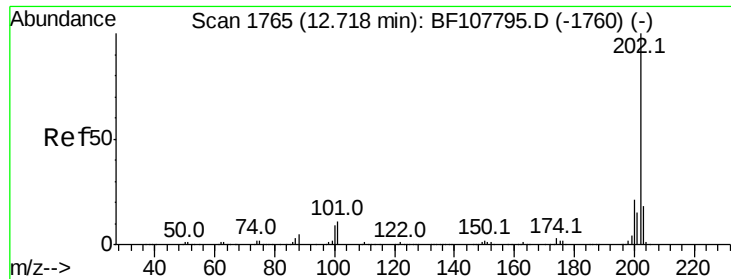
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#71
Anthracene
Concen: 3.184 ng
RT: 11.58 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF107886.D
Acq: 1 Aug 2018 13:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.2
179	18.3	12.6	19.0





#74

Fluoranthene

Concen: 8.278 ng

RT: 12.72 min Scan# 1765

Delta R.T. -0.00 min

Lab File: BF107886.D

Acq: 1 Aug 2018 13:59

Instrument :

BNA_F

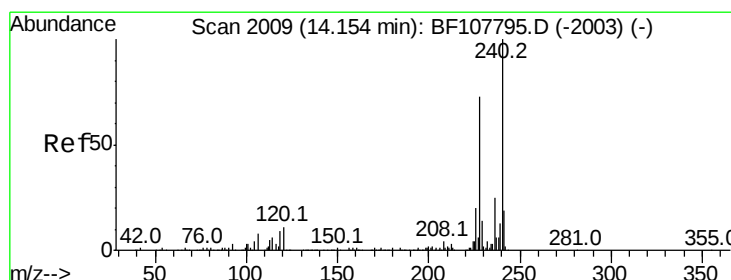
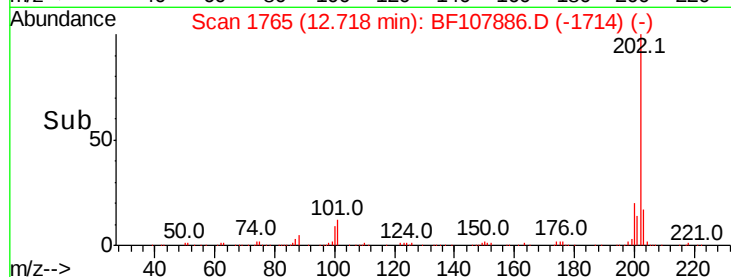
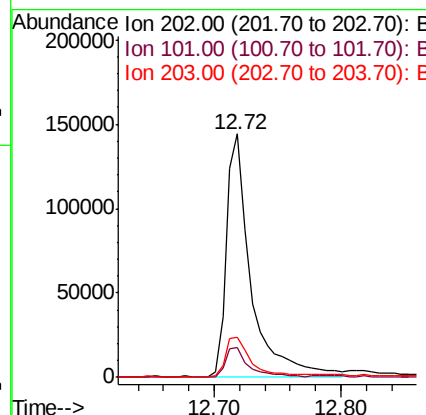
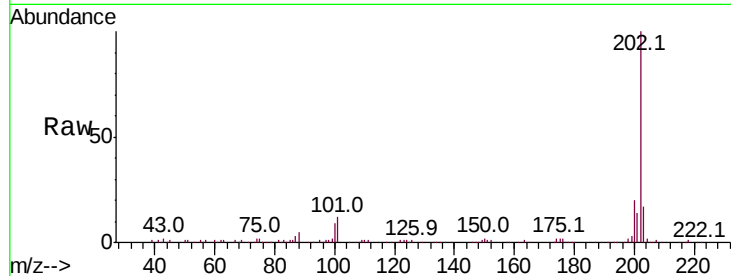
ClientSampleId :

FK-GF-02-023-A

Tot Ion	Ratio	Resp	Lower	Upper
202	100	197045		
101	12.1	0.0	34.1	
203	16.7	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.000 ng

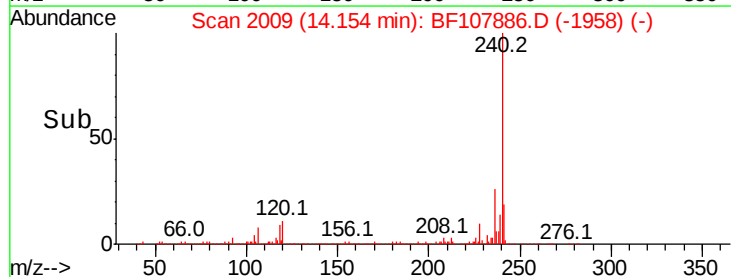
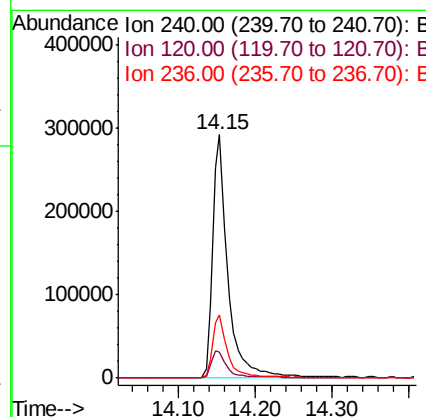
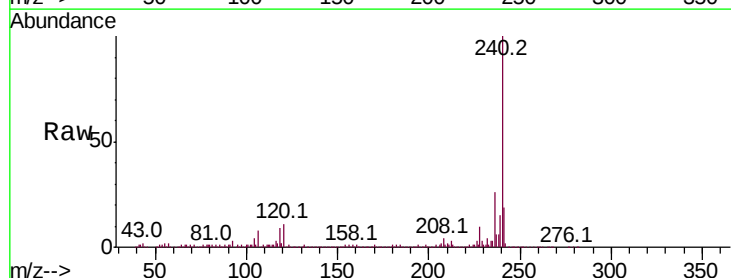
RT: 14.15 min Scan# 2009

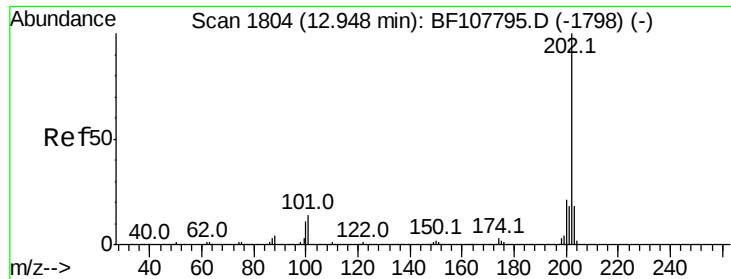
Delta R.T. -0.00 min

Lab File: BF107886.D

Acq: 1 Aug 2018 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	400971		
120	10.8	9.5	14.3	
236	25.7	20.7	31.1	





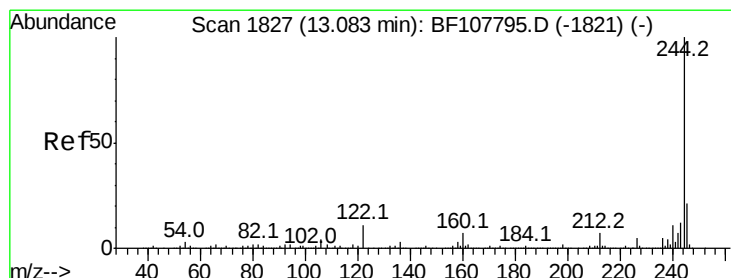
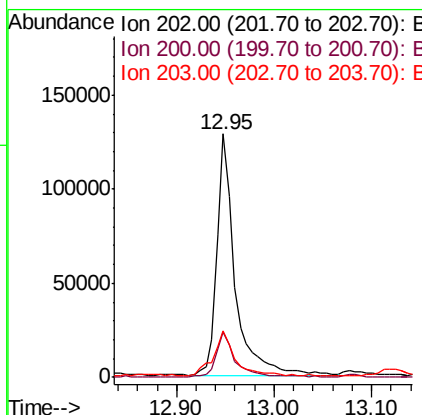
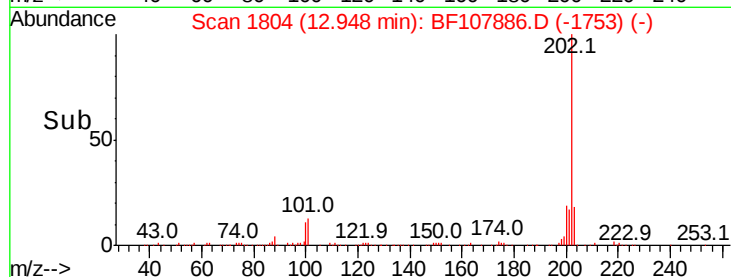
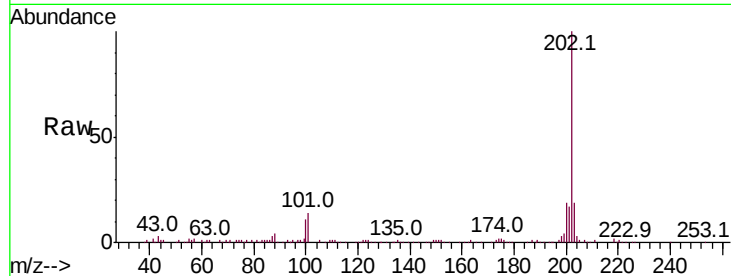
#77
Pvrene
Concen: 5.824 ng
RT: 12.95 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BF107886.D
Acq: 1 Aug 2018 13:59

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-023-A

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	18.7	17.4	26.2
203	18.9	14.3	21.5

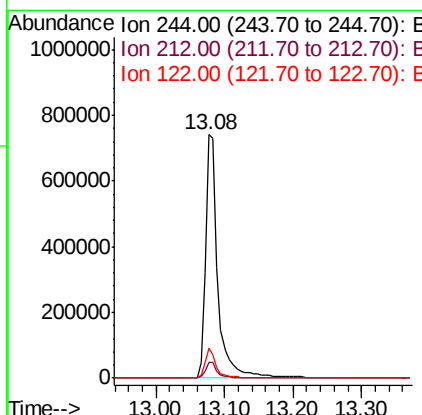
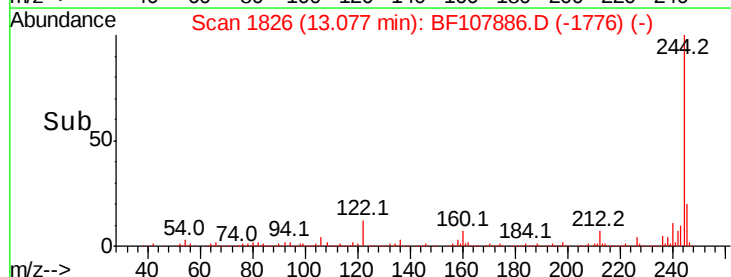
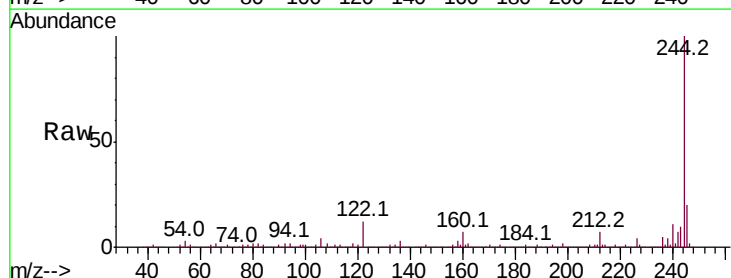
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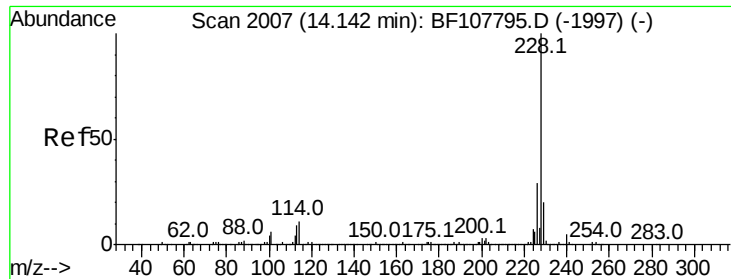
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#78
Terphenyl-d14
Concen: 51.501 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF107886.D
Acq: 1 Aug 2018 13:59

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.6	5.4	8.0
122	12.1	11.0	16.4





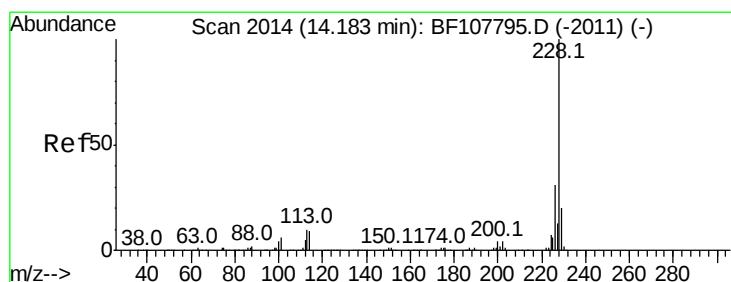
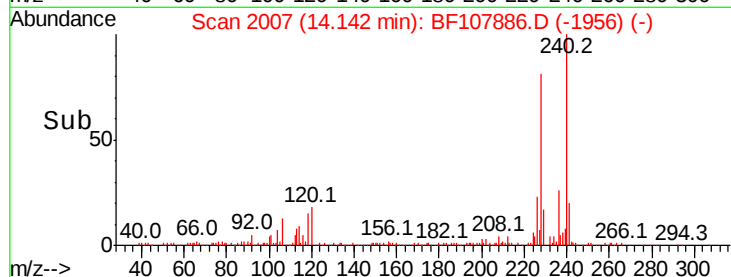
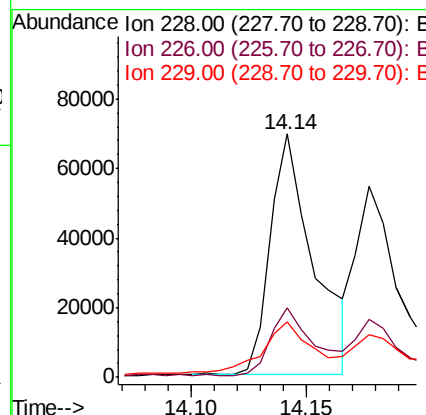
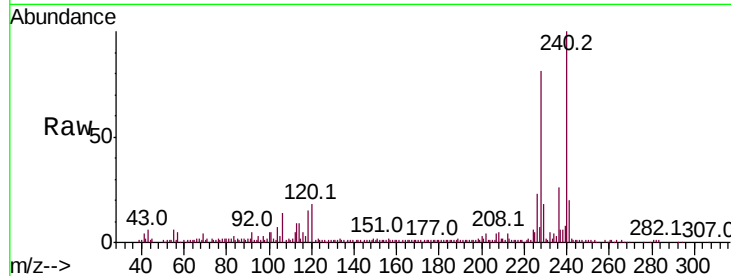
#80
Benzo(a)anthracene
Concen: 3.972 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BF107886.D
Acq: 1 Aug 2018 13:59

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-023-A

Tot Ion:	228	Resp:	90214
Ion Ratio	Lower	Upper	
228	100		
226	28.6	22.6	33.8
229	22.7	15.8	23.6

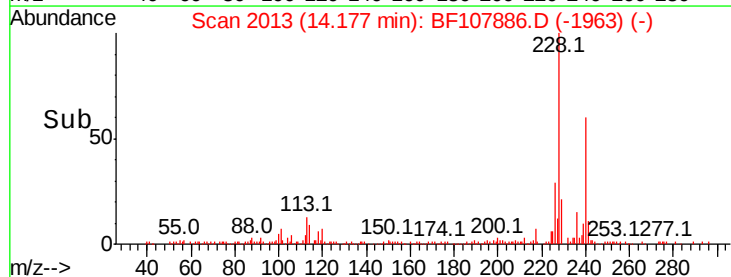
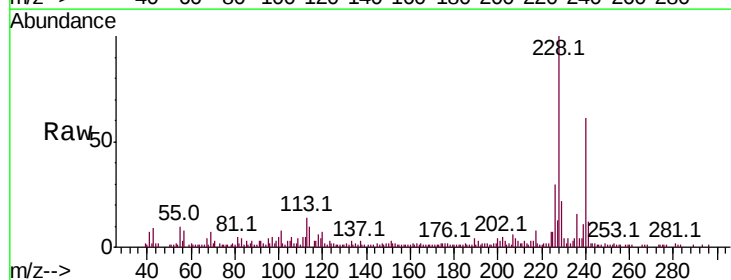
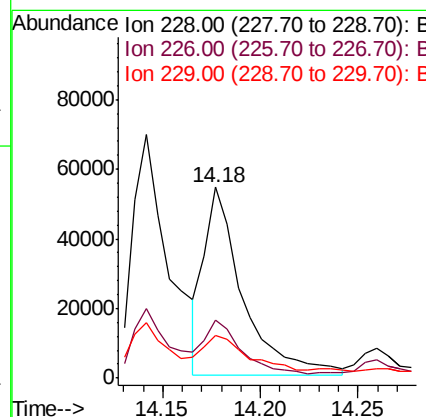
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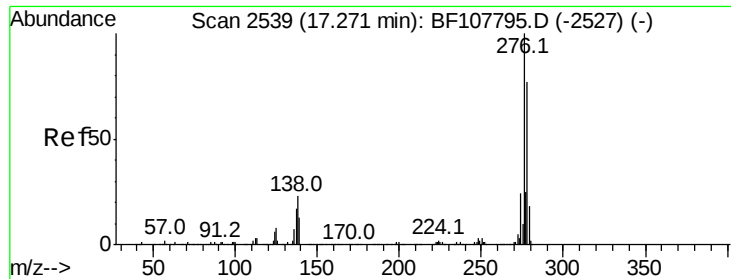
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#82
Chrysene
Concen: 3.051 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF107886.D
Acq: 1 Aug 2018 13:59

Tgt Ion:	228	Resp:	74740
Ion Ratio	Lower	Upper	
228	100		
226	30.1	25.0	37.6
229	22.2	16.2	24.4





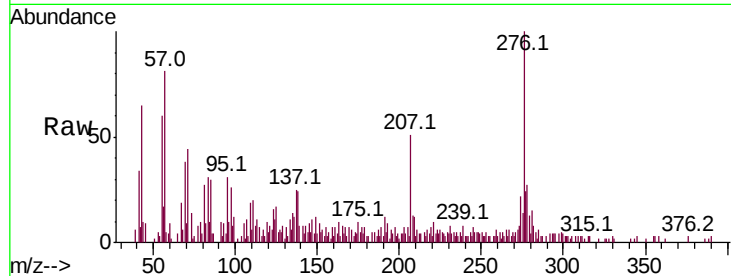
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.213 ng
RT: 17.28 min Scan# 2541
Delta R.T. 0.01 min
Lab File: BF107886.D
Acq: 1 Aug 2018 13:59

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-023-A

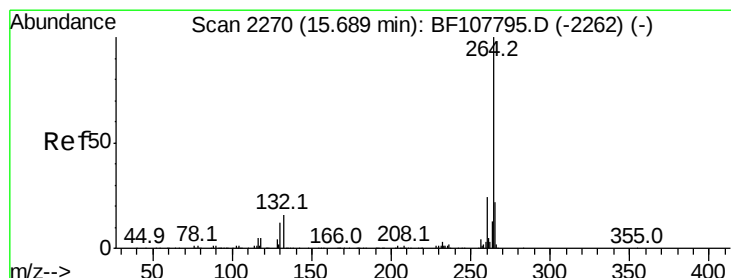
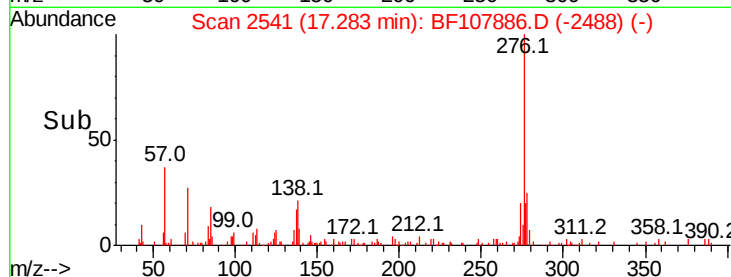
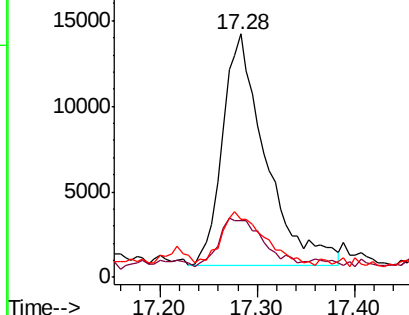
Tot Ion	Ratio	Lower	Upper
276	100		
138	22.5	25.0	37.6#
277	24.3	20.1	30.1

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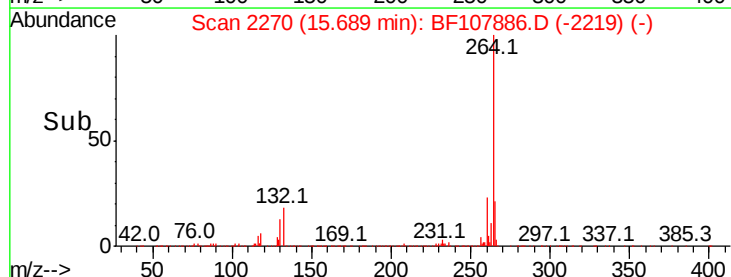
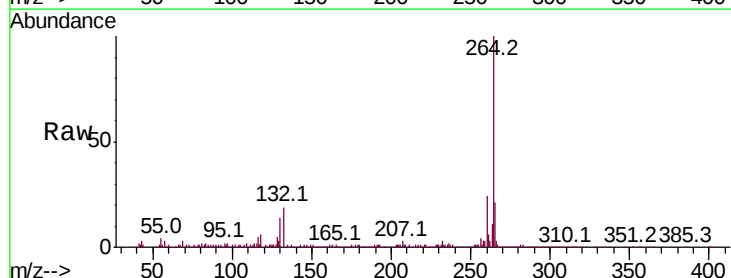
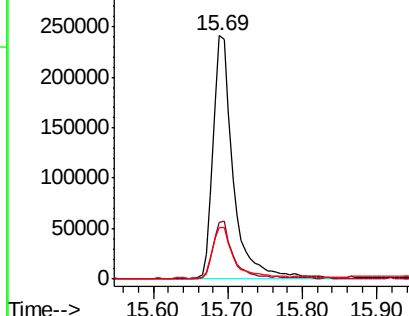
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

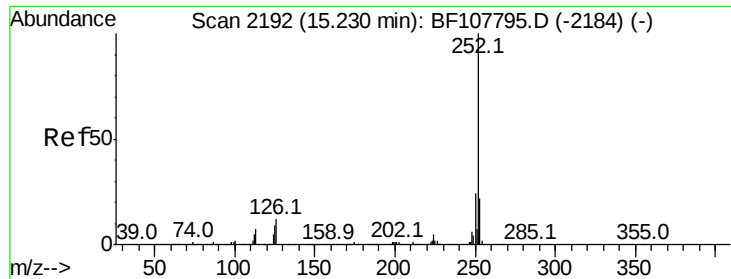


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF107886.D
Acq: 1 Aug 2018 13:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.4	17.5	26.3

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





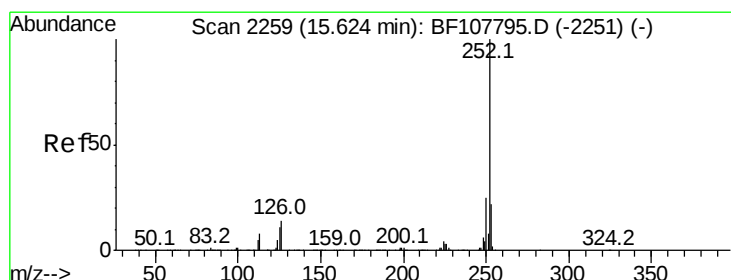
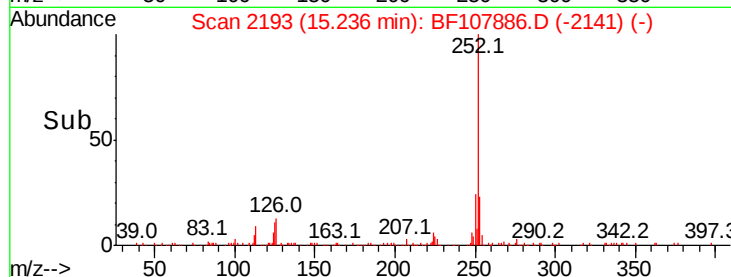
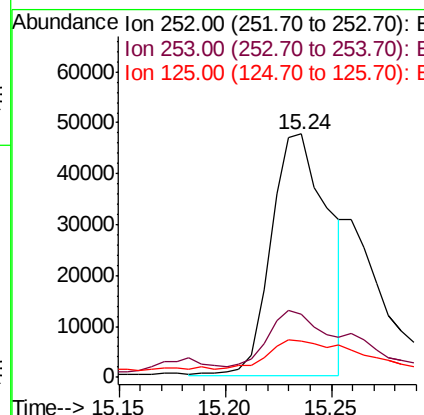
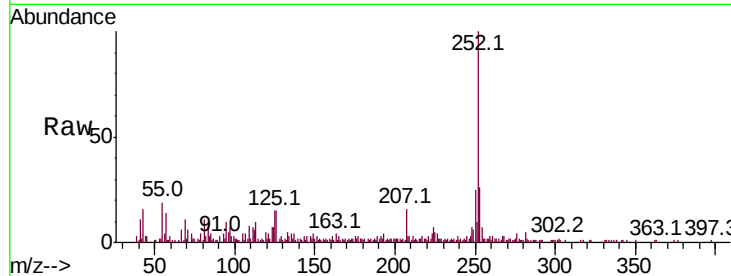
#87
Benzo(b)fluoranthene
Concen: 4.033 ng m
RT: 15.24 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BF107886.D
Acq: 1 Aug 2018 13:59

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-023-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.0	25.6#
125	15.1	9.0	13.6#

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#89
Benzo(a)pyrene
Concen: 3.148 ng
RT: 15.63 min Scan# 2260
Delta R.T. 0.01 min
Lab File: BF107886.D
Acq: 1 Aug 2018 13:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	15.0	9.8	14.6#

