

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
 Data File : BP002758.D
 Acq On : 15 Jul 2020 17:21
 Operator : CG/JU
 Sample : L3303-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FK-GF-03-014-A

Manual Integrations
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mohammad
 7/16/2020 11:07:38 AM

Quant Time: Jul 15 18:04:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:54:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	150910	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	608776	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	371963	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	788371	20.00	ng	0.00
76) Chrysene-d12	21.07	240	648891	20.00	ng	0.00
86) Perylene-d12	23.26	264	617840	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	541619	60.55	ng	0.00
7) Phenol-d6	6.76	99	729815	57.17	ng	0.00
23) Nitrobenzene-d5	8.70	82	431372	37.90	ng	0.00
42) 2,4,6-Tribromophenol	15.71	330	202689	52.20	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	904503	37.62	ng	0.00
79) Terphenyl-d14	19.55	244	1136287	40.15	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.67	163	508164	17.914	ng	Qvalue 100
71) Phenanthrene	17.00	178	436349	10.222	ng	99
72) Anthracene	17.10	178	123937	2.959	ng	98
75) Fluoranthene	18.99	202	571763	11.560	ng	100
78) Pyrene	19.35	202	540947	12.074	ng	99
81) Benzo(a)anthracene	21.06	228	239288	5.697	ng	93
83) Chrysene	21.11	228	216970	5.426	ng	97
87) Indeno(1,2,3-cd)pyrene	25.46	276	114347	2.561	ng	97
88) Benzo(b)fluoranthene	22.61	252	237944m	6.202	ng	
89) Benzo(k)fluoranthene	22.64	252	103187m	2.731	ng	
90) Benzo(a)pyrene	23.16	252	185910	5.114	ng	# 93
92) Benzo(a,h,i)perylene	26.13	276	124300	3.404	ng	# 90

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

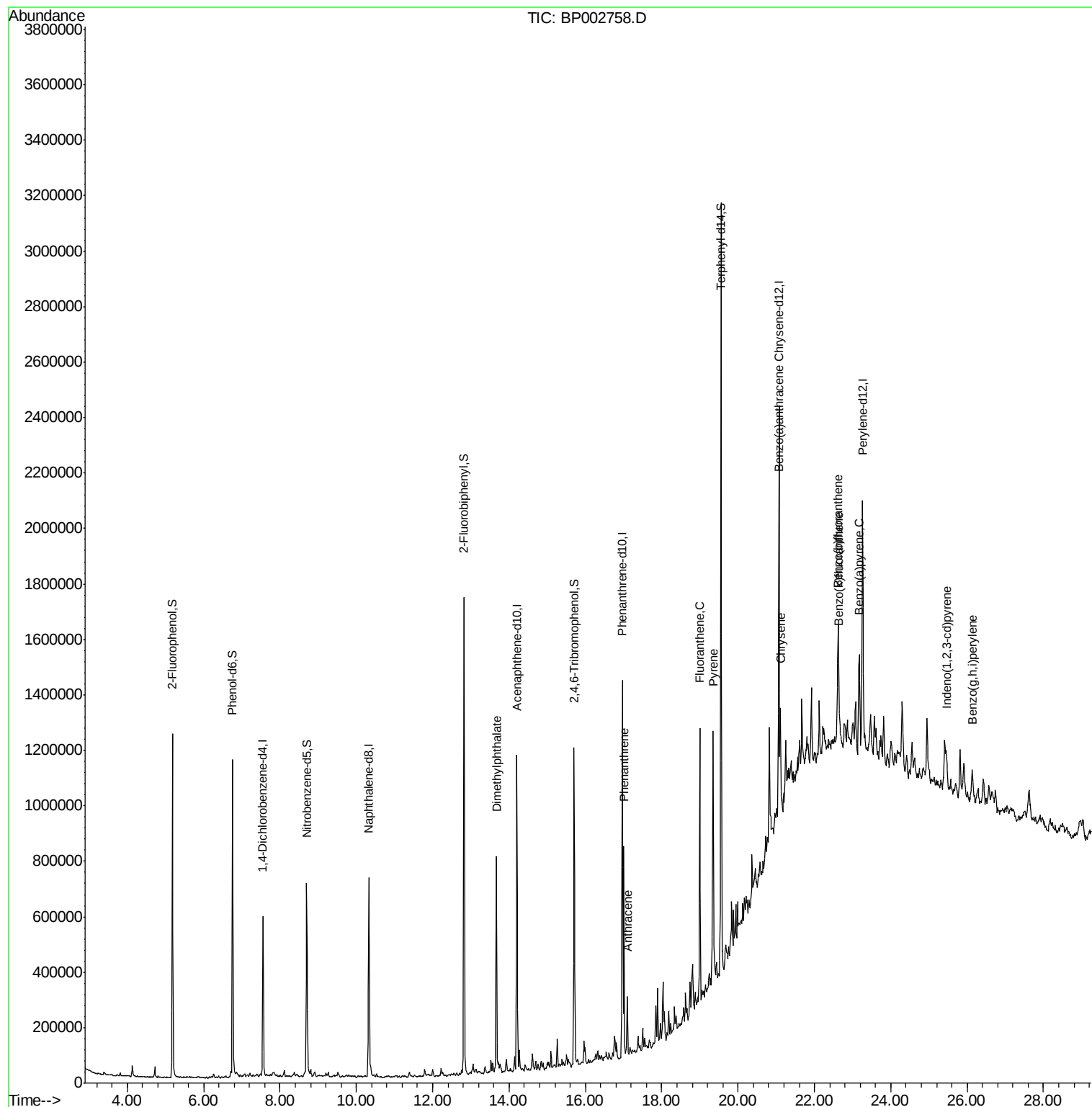
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002758.D
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

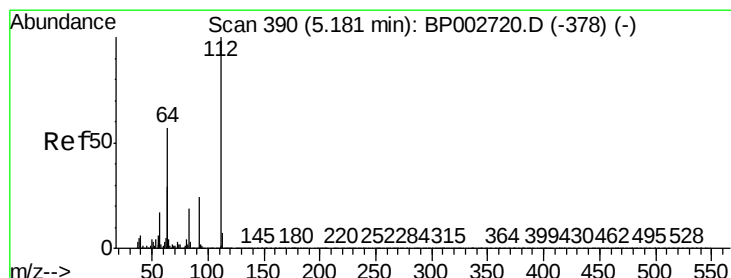
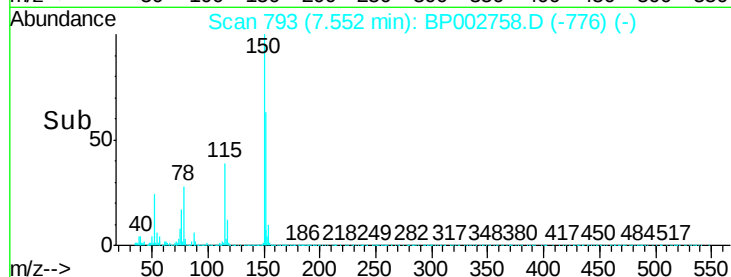
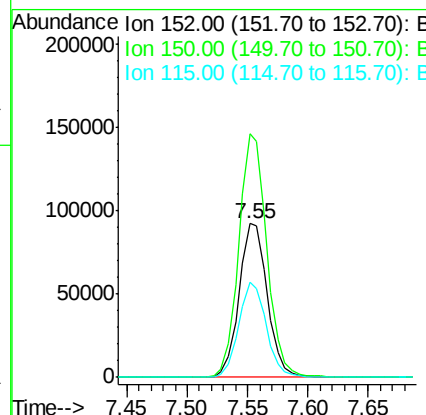
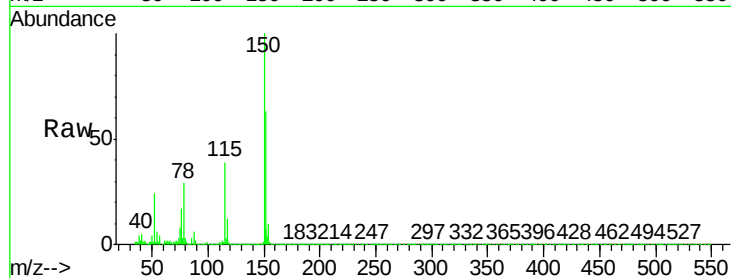
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 793
Delta R.T. 0.00 min
Lab File: BP002758.D
Acq: 15 Jul 2020 17:21

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-014-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	123.7	185.5
115	61.6	47.2	70.8

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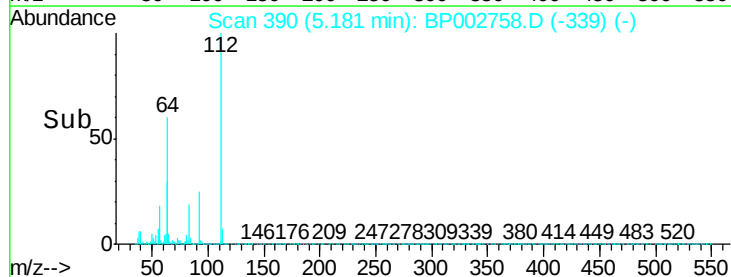
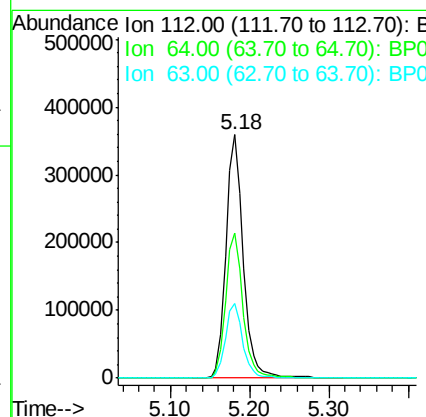
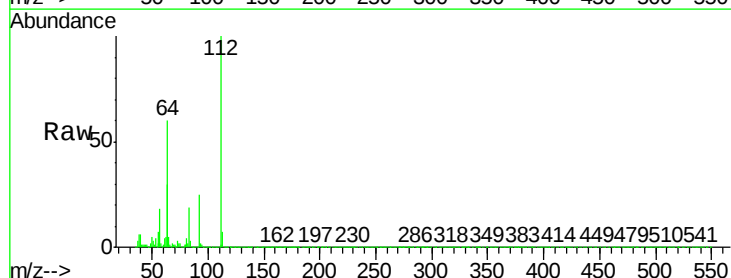
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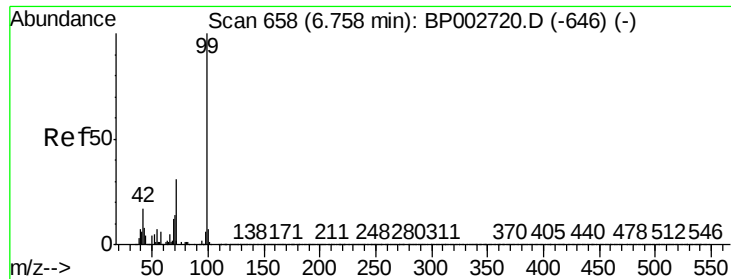


#5

2-Fluorophenol
Concen: 60.553 ng
RT: 5.18 min Scan# 390
Delta R.T. 0.00 min
Lab File: BP002758.D
Acq: 15 Jul 2020 17:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	45.6	68.4
63	30.4	23.5	35.3





#7

Phenol-d6

Concen: 57.172 ng

RT: 6.76 min Scan# 658

Delta R.T. 0.00 min

Lab File: BP002758.D

Acq: 15 Jul 2020 17:21

Instrument :

BNA_P

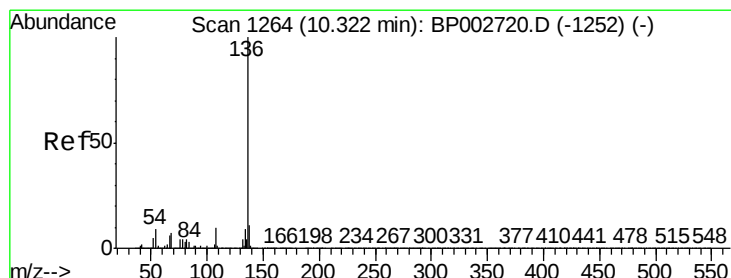
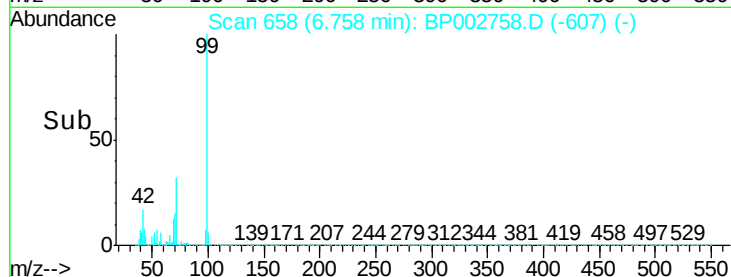
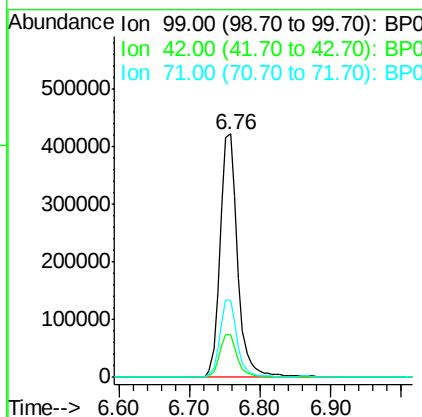
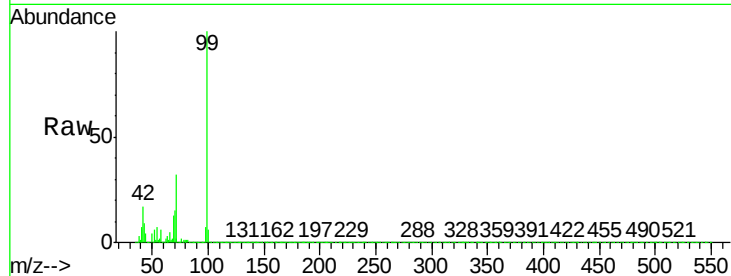
ClientSampleId :

FK-GF-03-014-A

Tot Ion:	99	Resp:	729815
Ion Ratio	Lower	Upper	
99	100		
42	17.3	13.4	20.2
71	31.8	24.6	36.8

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#21

Naphthalene-d8

Concen: 20.000 ng

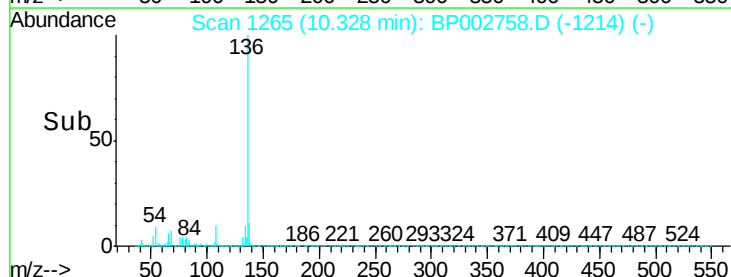
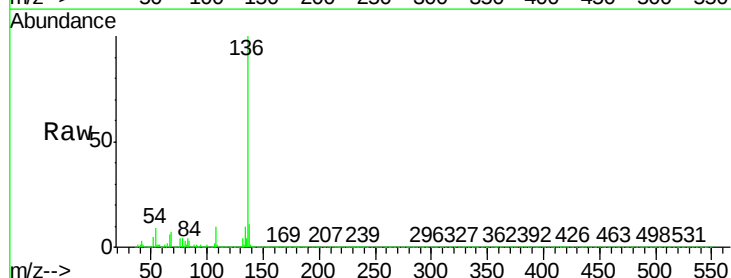
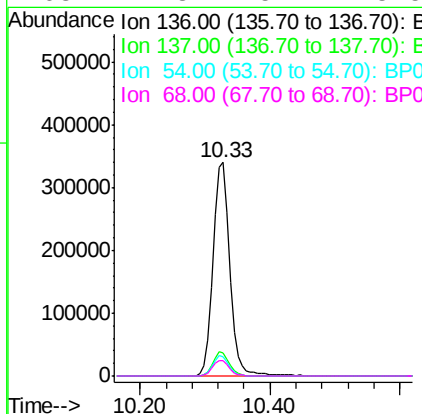
RT: 10.33 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BP002758.D

Acq: 15 Jul 2020 17:21

Tgt Ion:	136	Resp:	608776
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	8.8	6.9	10.3
68	7.3	5.7	8.5





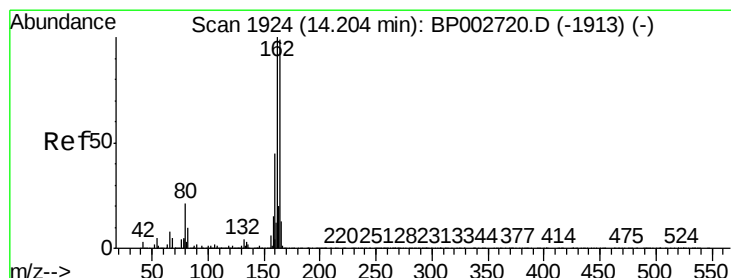
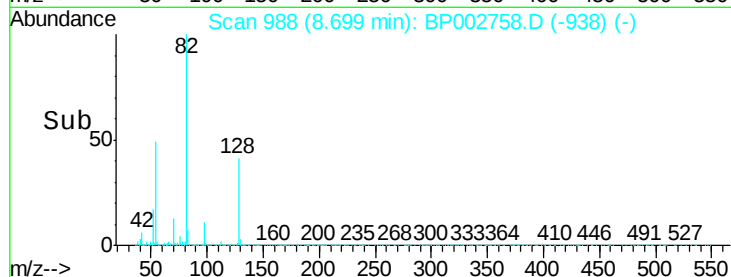
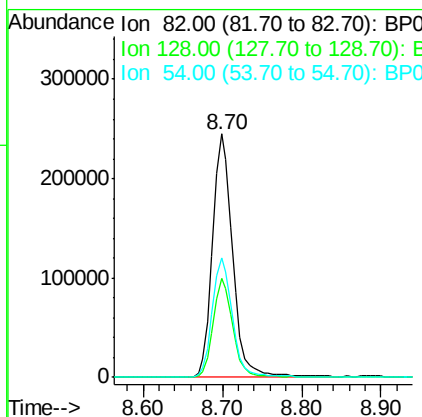
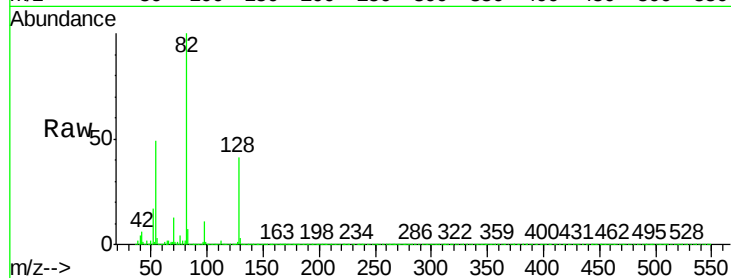
#23
Nitrobenzene-d5
Concen: 37.898 ng
RT: 8.70 min Scan# 988
Delta R.T. -0.01 min
Lab File: BP002758.D
Acq: 15 Jul 2020 17:21

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-014-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.8	33.8	50.8
54	49.1	38.8	58.2

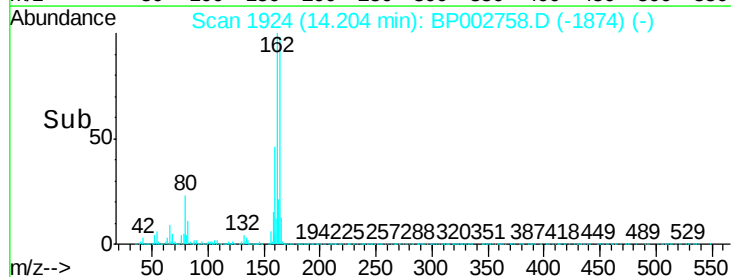
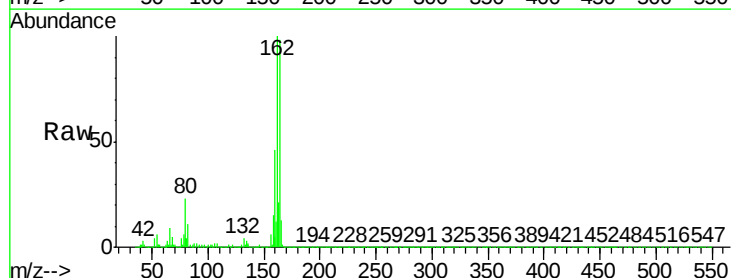
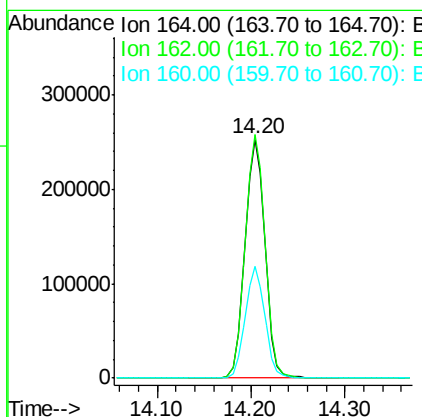
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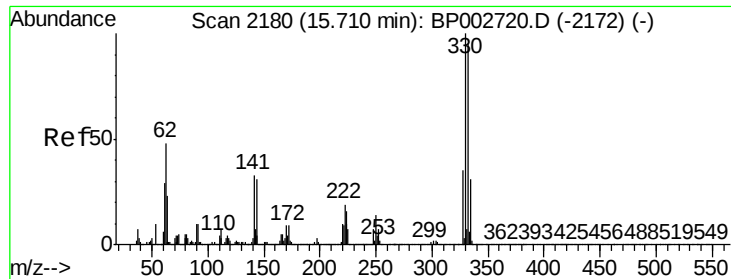
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.20 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BP002758.D
Acq: 15 Jul 2020 17:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.6	121.0
160	46.7	36.4	54.6





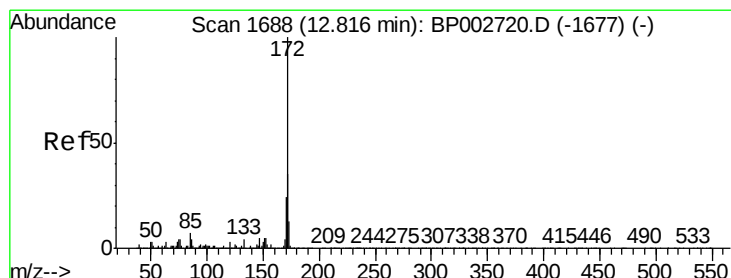
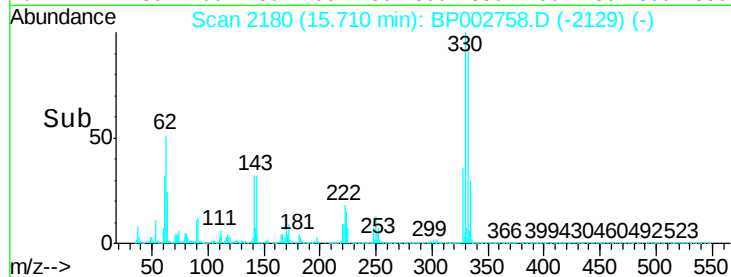
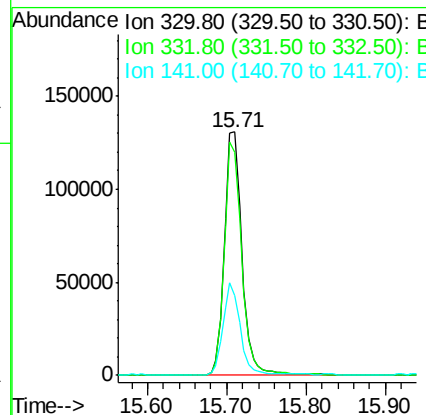
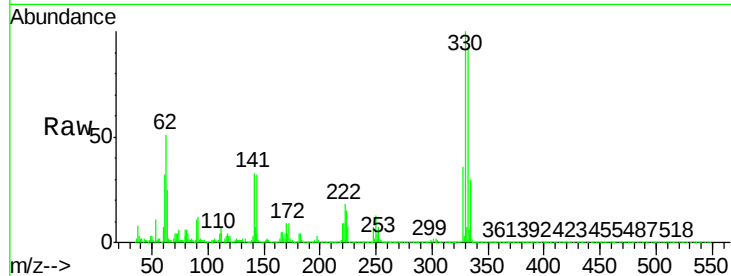
#42
2,4,6-Tribromophenol
Concen: 52.203 ng
RT: 15.71 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BP002758.D
Acq: 15 Jul 2020 17:21

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-014-A

Tot Ion	Ratio	Resp	Lower	Upper
330	100	202689		
332	94.7	76.5	114.7	
141	35.8	28.8	43.2	

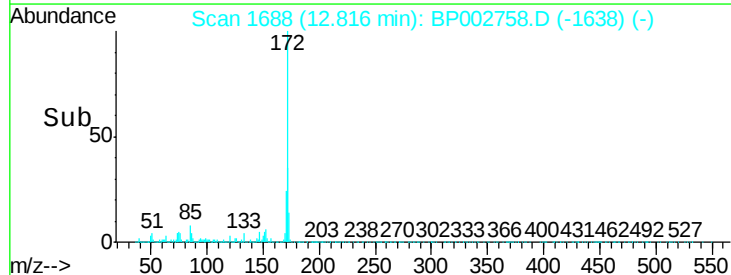
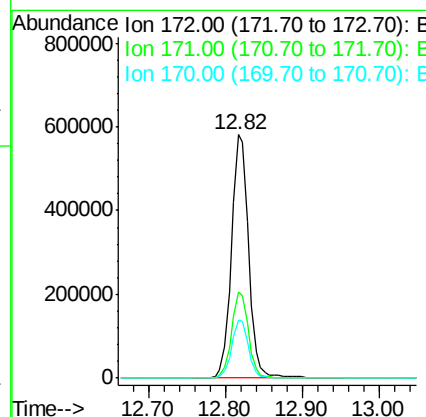
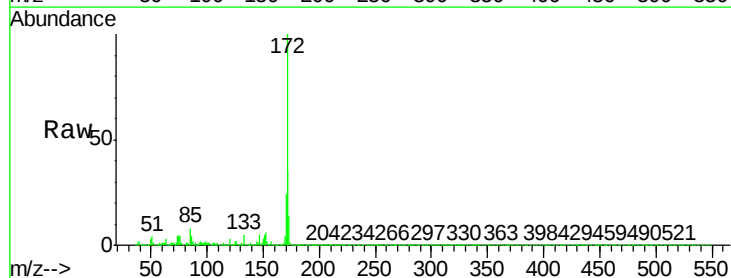
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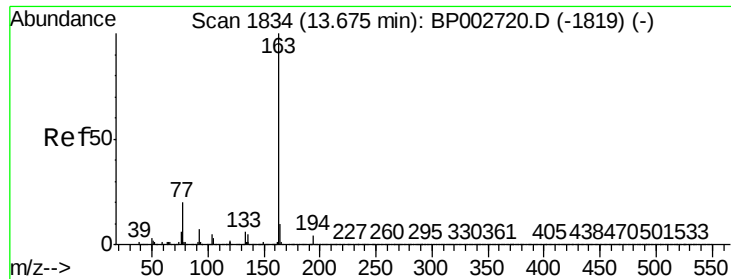
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#45
2-Fluorobiphenyl
Concen: 37.618 ng
RT: 12.82 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BP002758.D
Acq: 15 Jul 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	904503		
171	35.2	28.1	42.1	
170	23.8	19.3	28.9	





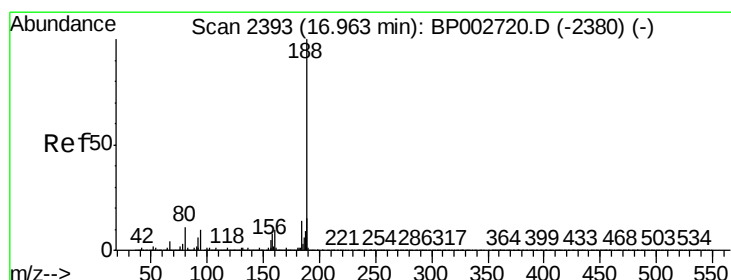
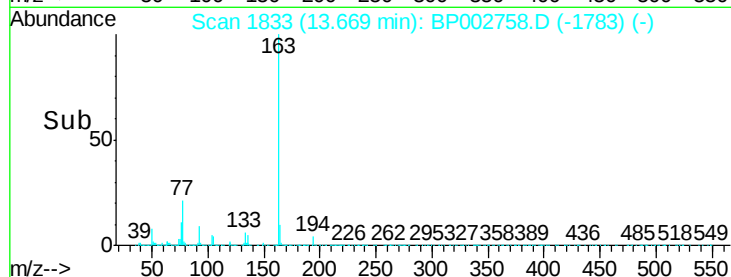
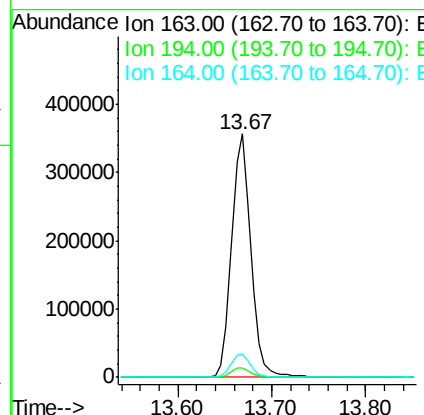
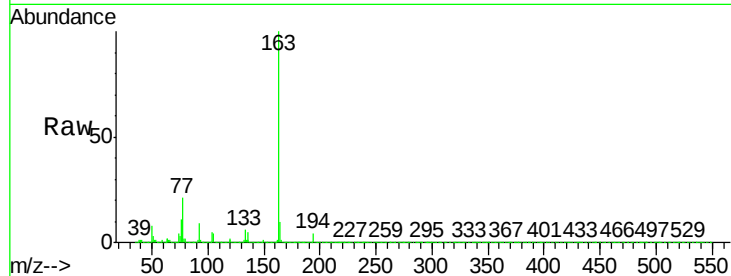
#50
Dimethylphthalate
Concen: 17.914 ng
RT: 13.67 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BP002758.D
Acq: 15 Jul 2020 17:21

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-014-A

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.1	3.4	5.2
164	9.7	7.8	11.8

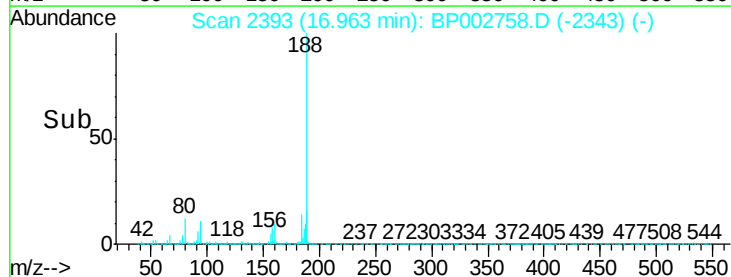
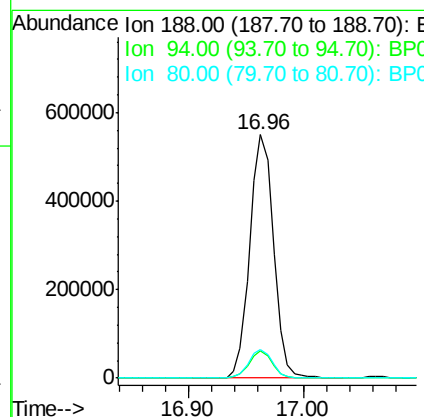
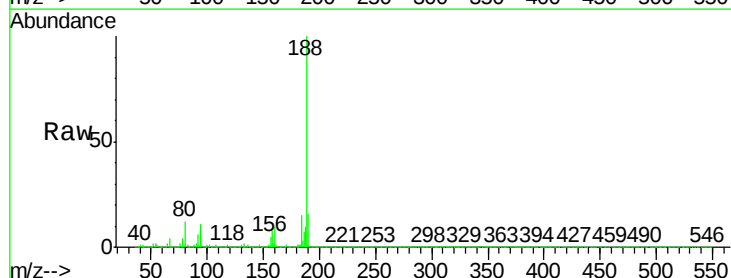
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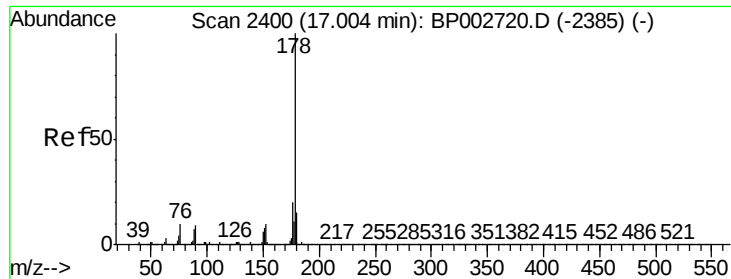
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BP002758.D
Acq: 15 Jul 2020 17:21

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	11.1	8.1	12.1
80	11.7	8.9	13.3





#71

Phenanthrene

Concen: 10.222 ng

RT: 17.00 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BP002758.D

Acq: 15 Jul 2020 17:21

Instrument :

BNA_P

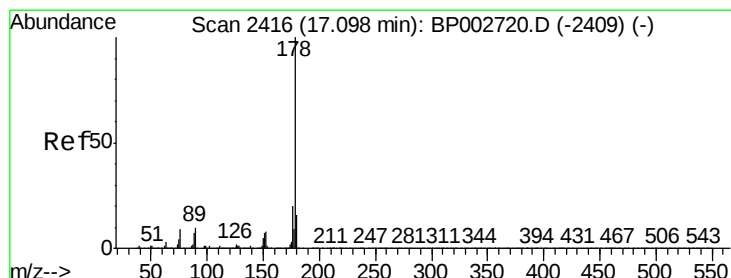
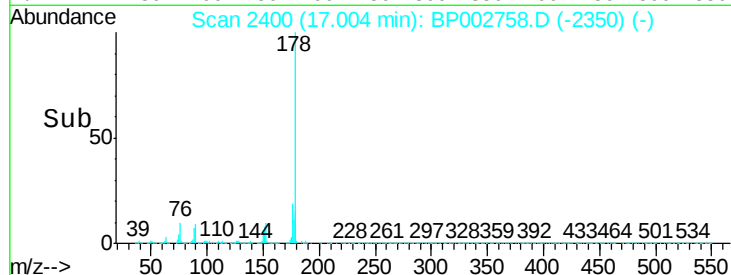
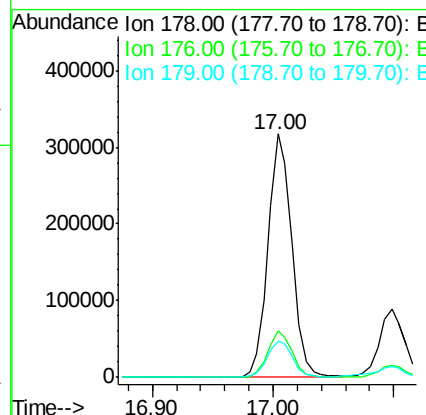
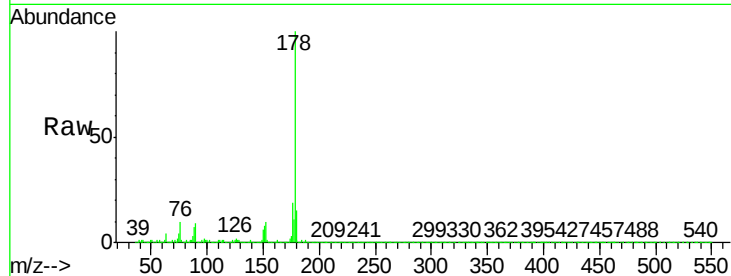
ClientSampleId :

FK-GF-03-014-A

Tot Ion:178	Resp:	436349
Ion Ratio	Lower	Upper
178	100	
176	19.4	15.9 23.9
179	14.7	12.3 18.5

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#72

Anthracene

Concen: 2.959 ng

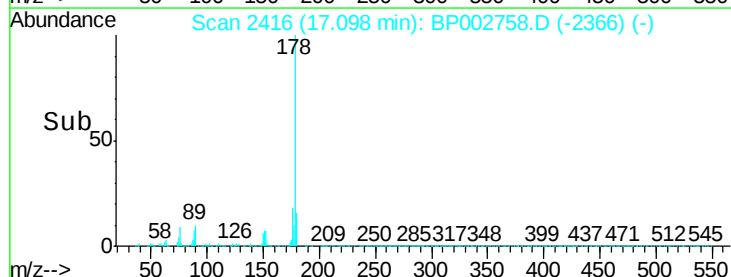
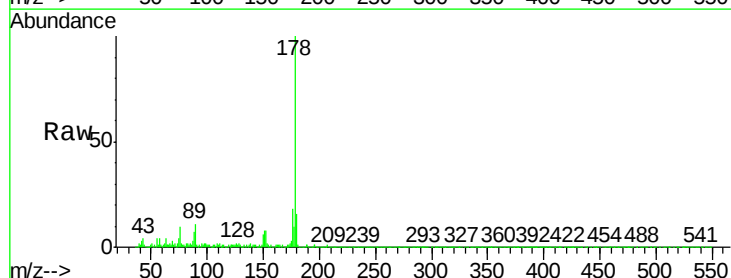
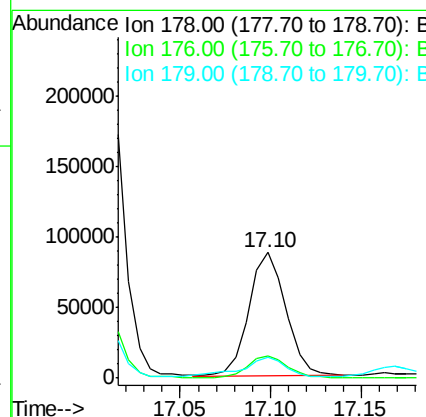
RT: 17.10 min Scan# 2416

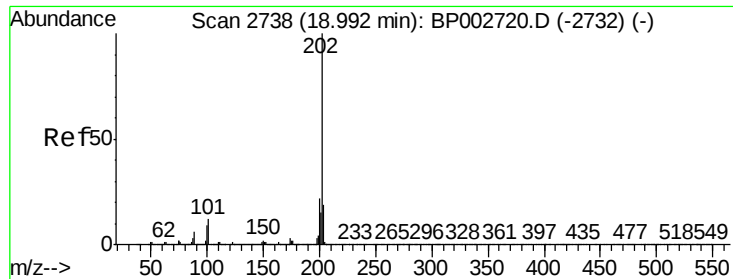
Delta R.T. -0.01 min

Lab File: BP002758.D

Acq: 15 Jul 2020 17:21

Tgt Ion:178	Resp:	123937
Ion Ratio	Lower	Upper
178	100	
176	18.1	15.6 23.4
179	16.3	12.6 19.0





#75

Fluoranthene

Concen: 11.560 ng

RT: 18.99 min Scan# 2738

Delta R.T. -0.01 min

Lab File: BP002758.D

Acq: 15 Jul 2020 17:21

Instrument :

BNA_P

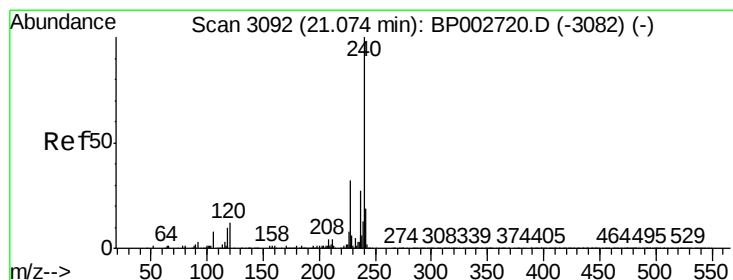
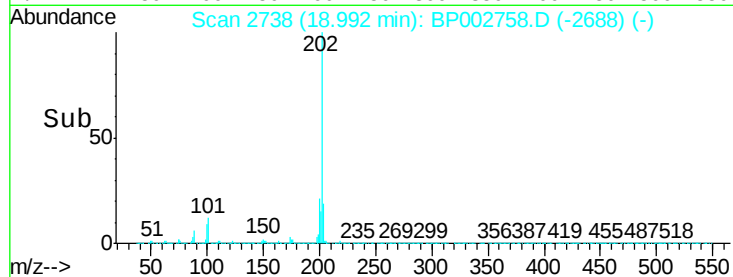
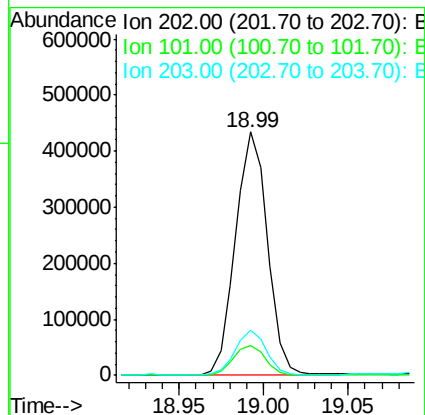
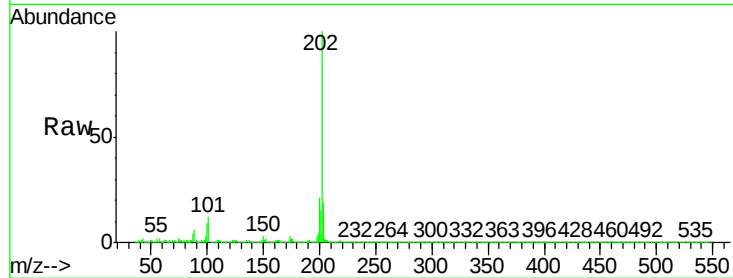
ClientSampleId :

FK-GF-03-014-A

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.4	0.0	32.5
203	18.7	0.0	38.6

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#76

Chrysene-d12

Concen: 20.000 ng

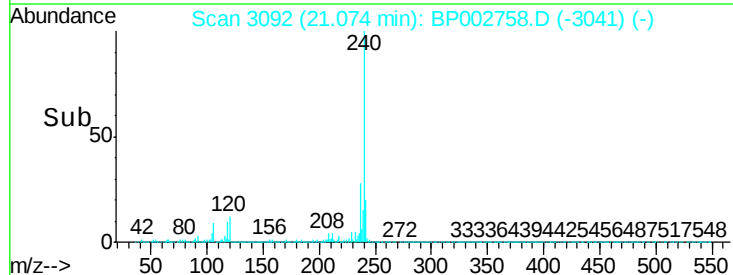
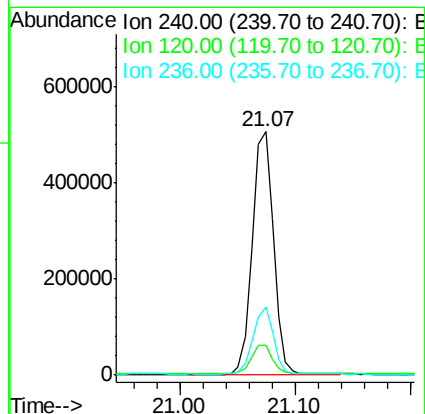
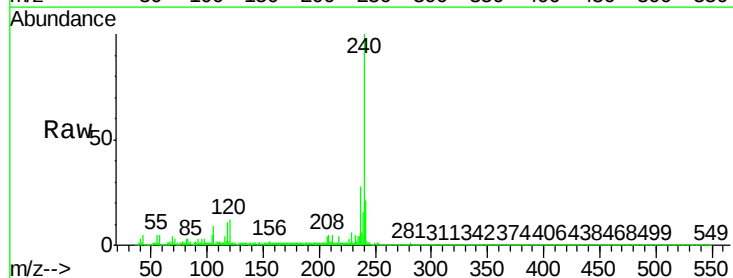
RT: 21.07 min Scan# 3092

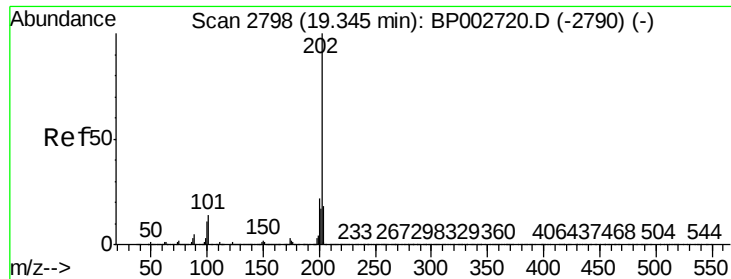
Delta R.T. 0.00 min

Lab File: BP002758.D

Acq: 15 Jul 2020 17:21

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.1	9.4	14.2
236	28.1	21.3	31.9





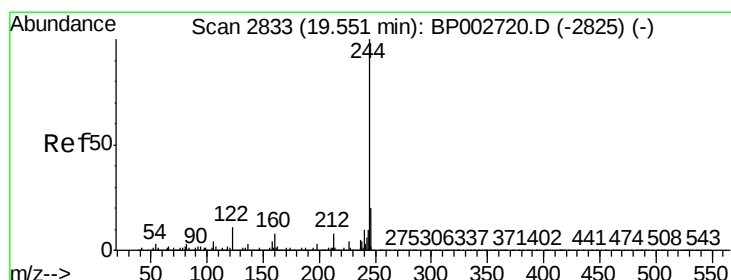
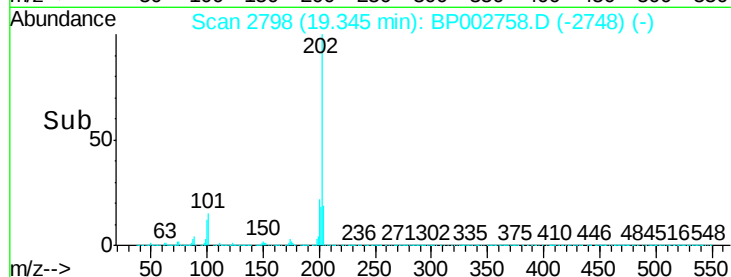
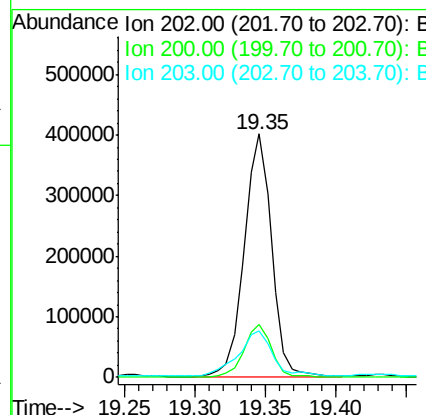
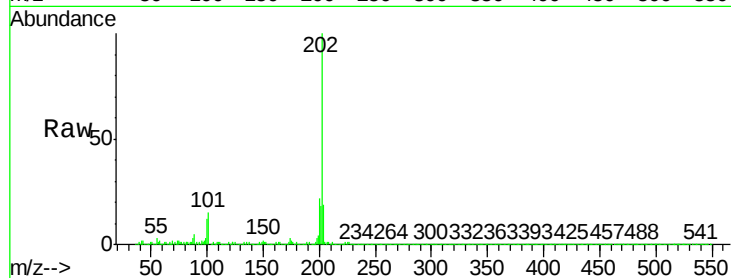
#78
Pvrene
Concen: 12.074 ng
RT: 19.35 min Scan# 2798
Delta R.T. -0.01 min
Lab File: BP002758.D
Acq: 15 Jul 2020 17:21

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-014-A

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.7	26.5
203	19.0	14.5	21.7

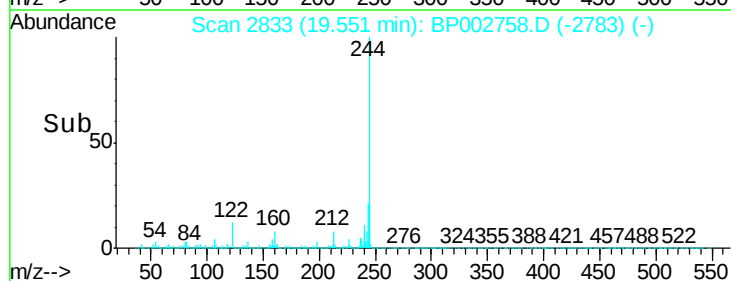
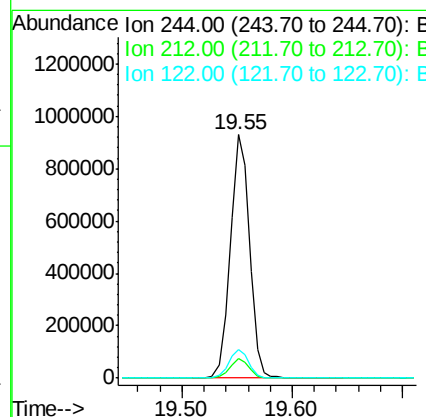
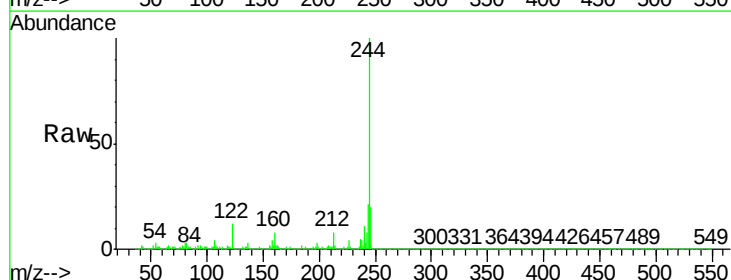
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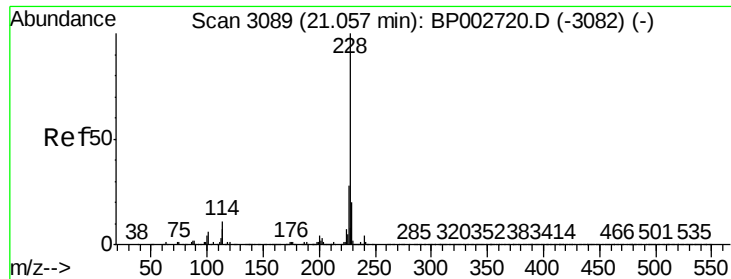
mohammad
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#79
Terphenyl-d14
Concen: 40.148 ng
RT: 19.55 min Scan# 2833
Delta R.T. -0.01 min
Lab File: BP002758.D
Acq: 15 Jul 2020 17:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	11.8	8.9	13.3





#81

Benzo(a)anthracene

Concen: 5.697 ng

RT: 21.06 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BP002758.D

Acq: 15 Jul 2020 17:21

Instrument :

BNA_P

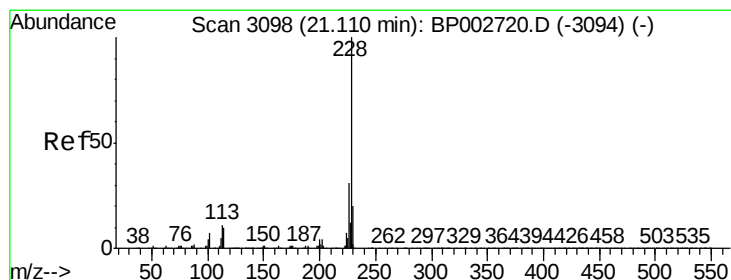
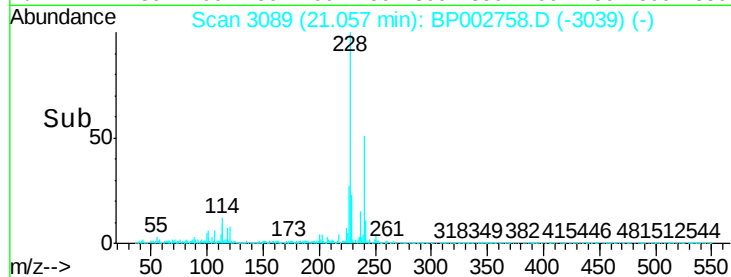
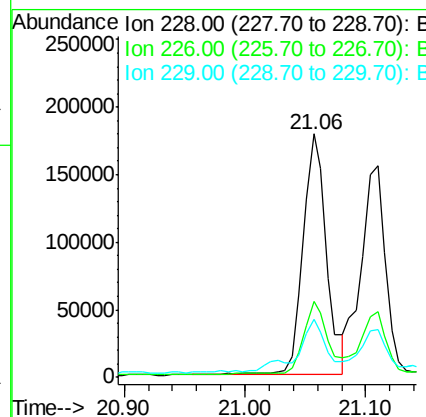
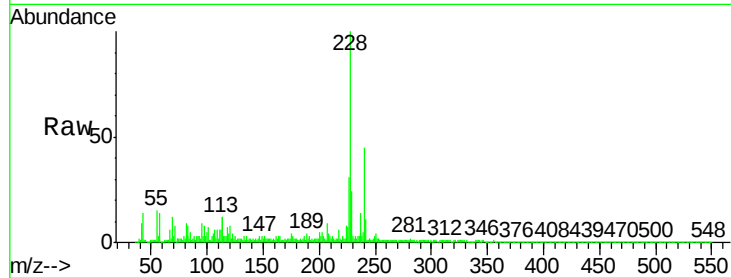
ClientSampleId :

FK-GF-03-014-A

Tot Ion:	228	Resp:	239288
Ion Ratio	Lower	Upper	
228	100		
226	31.3	22.6	34.0
229	23.8	16.0	24.0

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#83

Chrysene

Concen: 5.426 ng

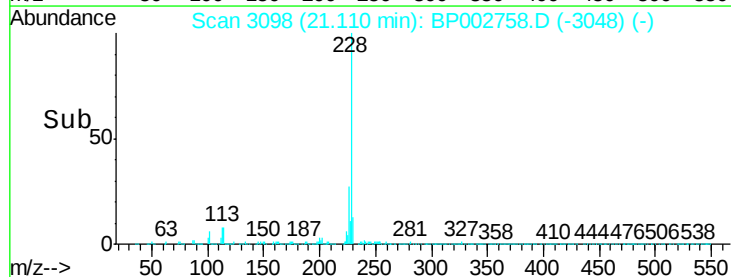
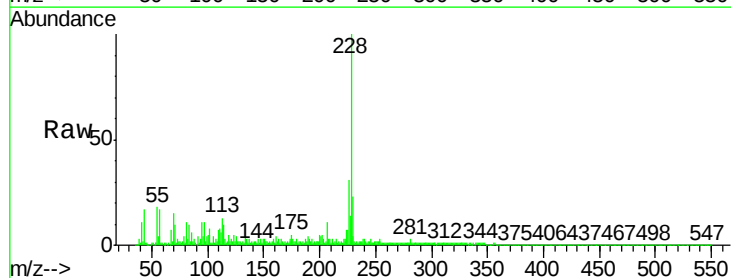
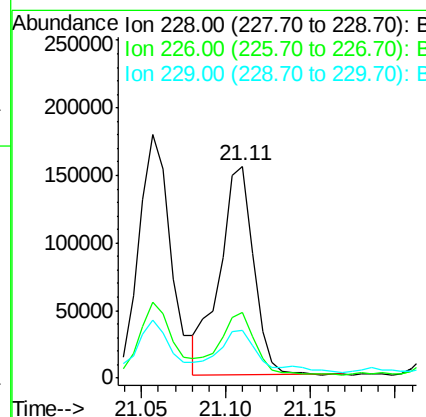
RT: 21.11 min Scan# 3098

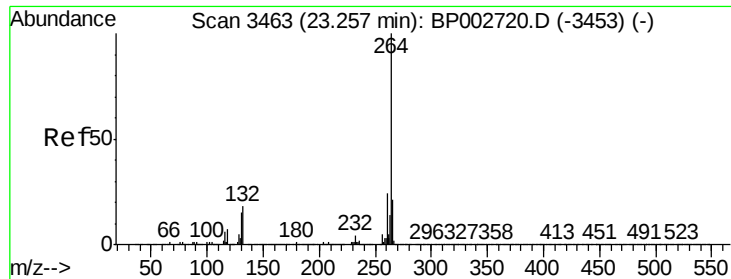
Delta R.T. -0.01 min

Lab File: BP002758.D

Acq: 15 Jul 2020 17:21

Tgt Ion:	228	Resp:	216970
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.6	37.0
229	22.7	15.7	23.5





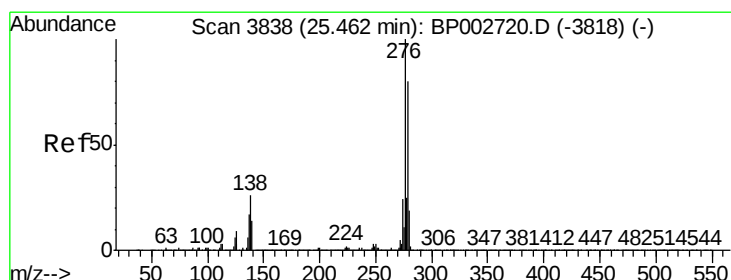
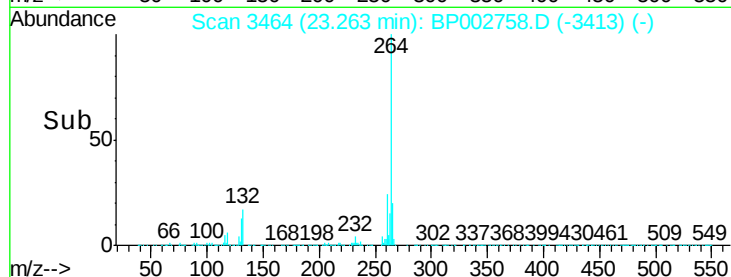
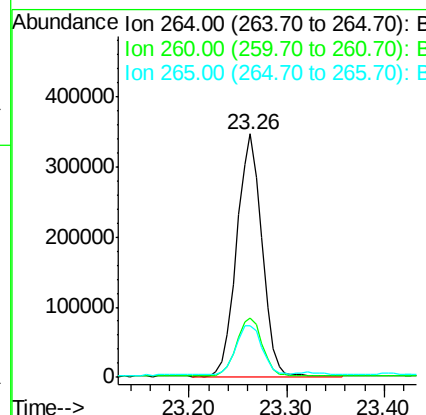
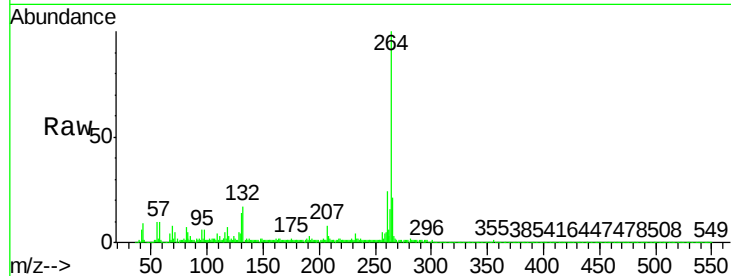
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.26 min Scan# 3464
Delta R.T. 0.00 min
Lab File: BP002758.D
Acq: 15 Jul 2020 17:21

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-014-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.3	28.9
265	21.2	16.8	25.2

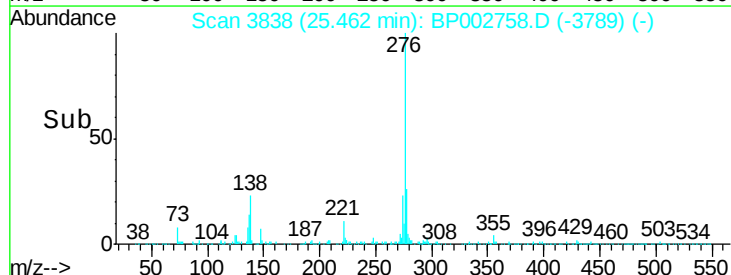
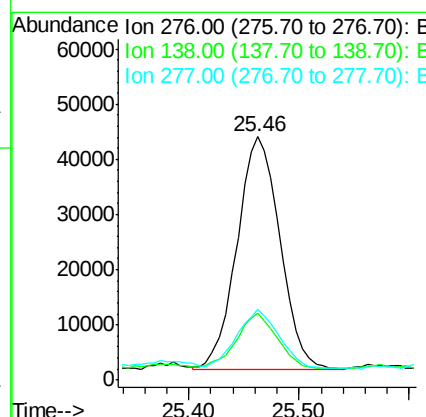
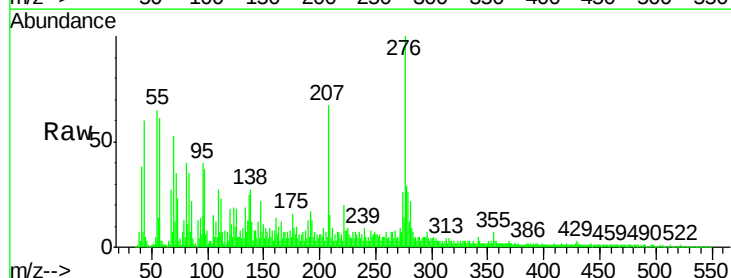
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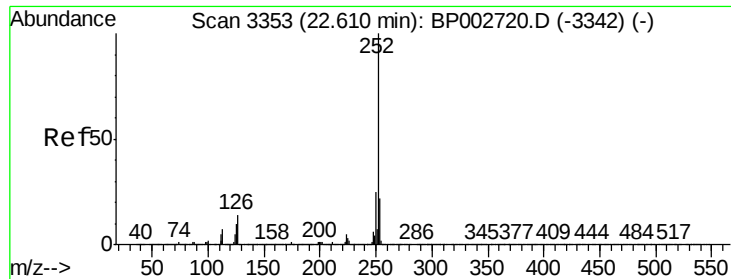
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#87
Indeno(1,2,3-cd)pyrene
Concen: 2.561 ng
RT: 25.46 min Scan# 3838
Delta R.T. -0.01 min
Lab File: BP002758.D
Acq: 15 Jul 2020 17:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.7	20.8	31.2
277	24.8	20.0	30.0





#88

Benzo(b)fluoranthene

Concen: 6.202 ng m

RT: 22.61 min Scan# 3353

Delta R.T. -0.01 min

Lab File: BP002758.D

Acq: 15 Jul 2020 17:21

Instrument :

BNA_P

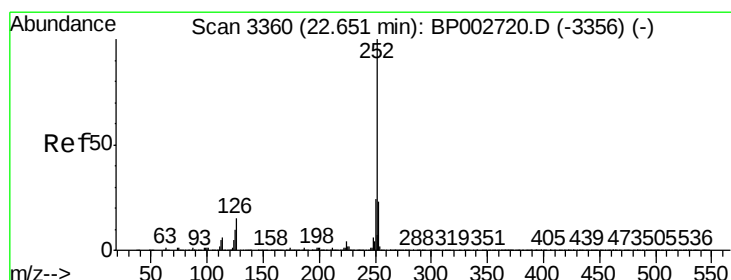
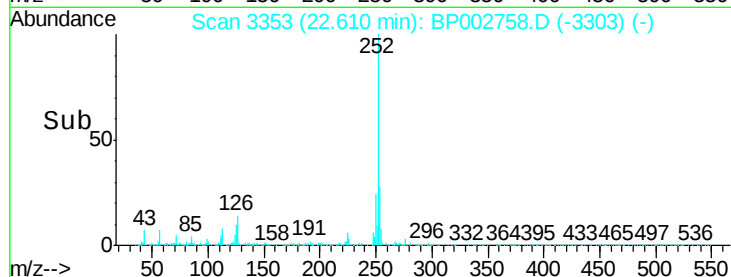
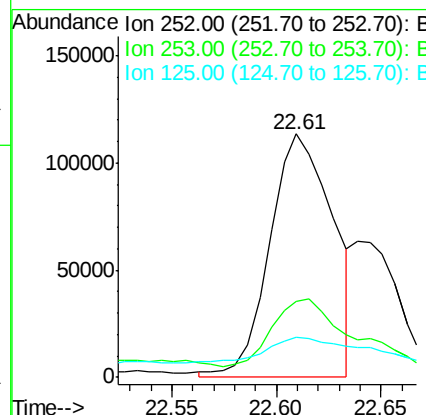
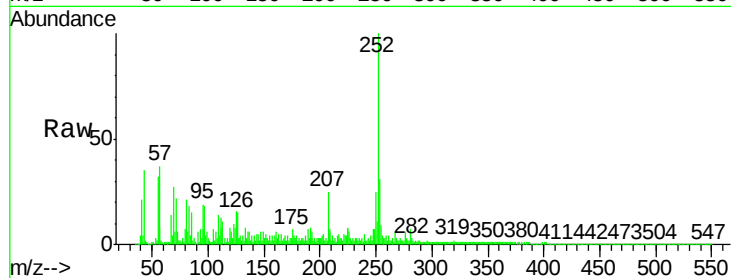
ClientSampleId :

FK-GF-03-014-A

Tot Ion:	252	Resp:	237944
Ion Ratio	Lower	Upper	
252	100		
253	31.2	17.7	26.5#
125	16.3	8.2	12.2#

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#89

Benzo(k)fluoranthene

Concen: 2.731 ng m

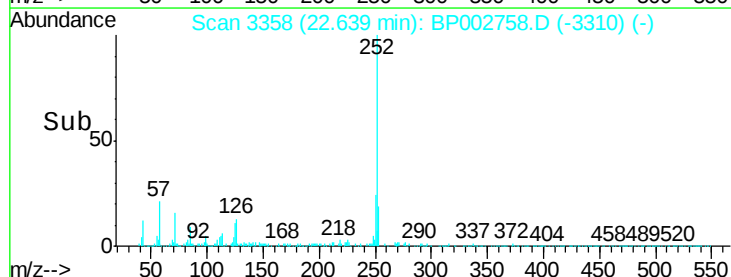
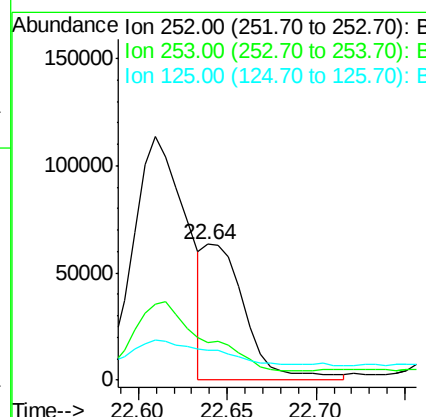
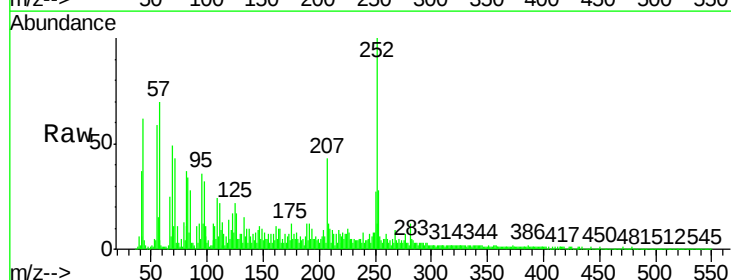
RT: 22.64 min Scan# 3358

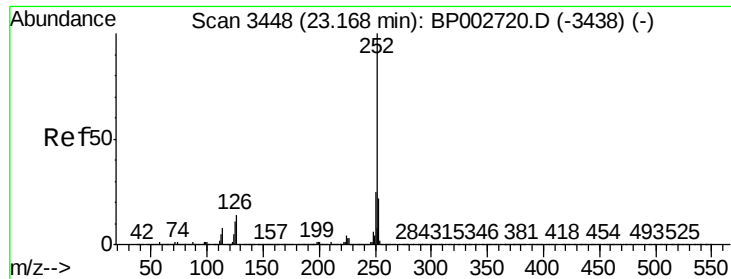
Delta R.T. -0.02 min

Lab File: BP002758.D

Acq: 15 Jul 2020 17:21

Tgt Ion:	252	Resp:	103187
Ion Ratio	Lower	Upper	
252	100		
253	28.1	17.8	26.8#
125	21.7	8.3	12.5#





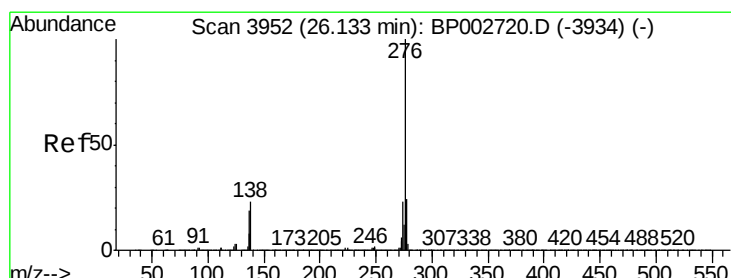
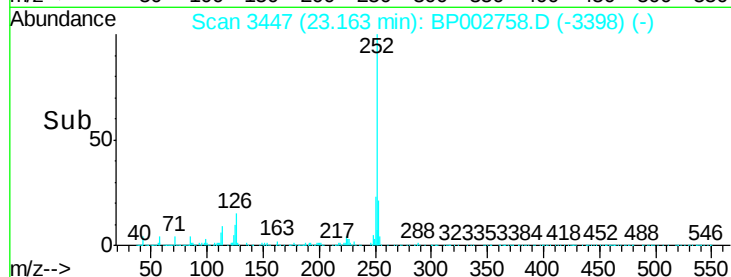
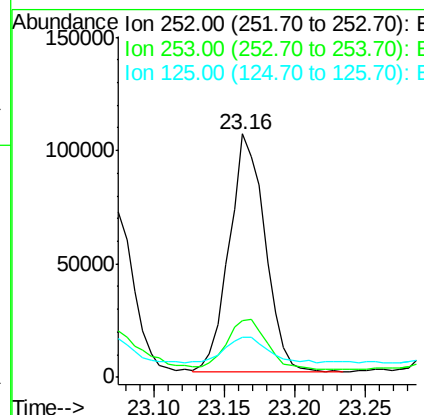
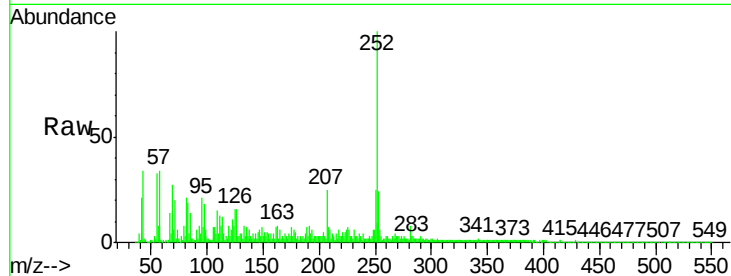
#90
Benzo(a)pyrene
Concen: 5.114 ng
RT: 23.16 min Scan# 3447
Delta R.T. -0.01 min
Lab File: BP002758.D
Acq: 15 Jul 2020 17:21

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-014-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	16.2	8.6	13.0

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#92
Benzo(g,h,i)perylene
Concen: 3.404 ng
RT: 26.13 min Scan# 3952
Delta R.T. -0.01 min
Lab File: BP002758.D
Acq: 15 Jul 2020 17:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	28.6	19.1	28.7
138	28.4	18.3	27.5

