

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
 Data File : BP002756.D
 Acq On : 15 Jul 2020 16:13
 Operator : CG/JU
 Sample : L3302-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FK-GF-03-013-A

Manual Integrations
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Quant Time: Jul 15 17:31:09 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	152891	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	634330	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	392365	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	819938	20.00	ng	0.00
76) Chrysene-d12	21.07	240	684073	20.00	ng	0.00
86) Perylene-d12	23.26	264	657461	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	522681	57.68	ng	0.00
7) Phenol-d6	6.75	99	742545	57.42	ng	0.00
23) Nitrobenzene-d5	8.70	82	455103	38.37	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	190474	46.51	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	947089	37.34	ng	0.00
79) Terphenyl-d14	19.55	244	1205568	40.41	ng	0.00
Target Compounds						
49) Acenaphthylene	13.92	152	75621	2.019	ng	98
50) Dimethylphthalate	13.67	163	209019	6.985	ng	99
58) Fluorene	15.26	166	85044	3.201	ng	98
71) Phenanthrene	17.00	178	821817	18.512	ng	99
72) Anthracene	17.09	178	199285	4.575	ng	98
75) Fluoranthene	18.99	202	841636	16.361	ng	99
78) Pyrene	19.34	202	853673	18.075	ng	97
81) Benzo(a)anthracene	21.05	228	355695	8.033	ng	99
83) Chrysene	21.10	228	347587m	8.246	ng	
87) Indeno(1,2,3-cd)pyrene	25.45	276	152371	3.207	ng	98
88) Benzo(b)fluoranthene	22.61	252	353242m	8.653	ng	
89) Benzo(k)fluoranthene	22.64	252	113350m	2.819	ng	
90) Benzo(a)pyrene	23.16	252	256648	6.634	ng	# 93
92) Benzo(a,h,i)perylene	26.13	276	160551	4.132	ng	97

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

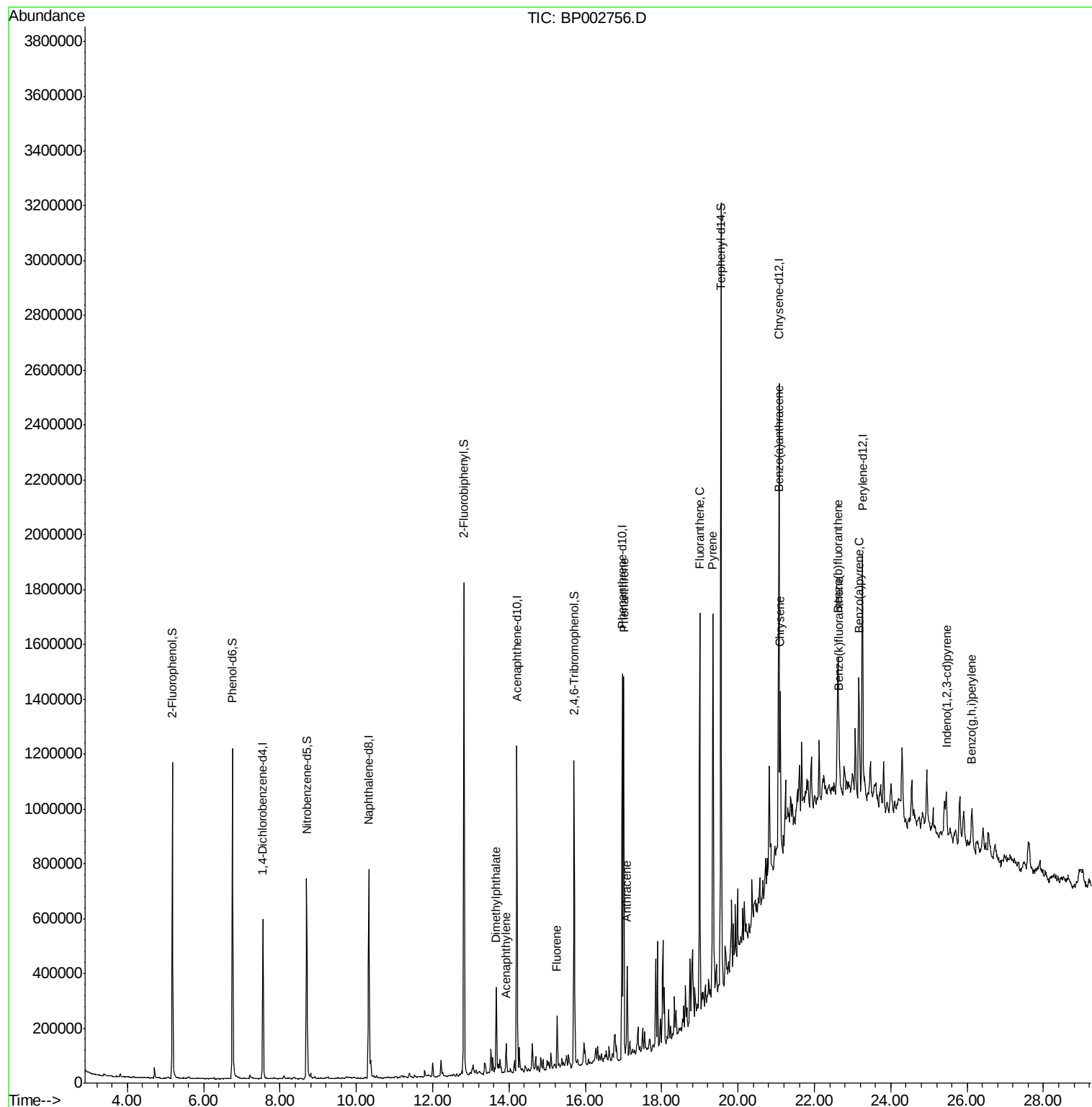
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Data File : BP002756.D
Acq On : 15 Jul 2020 16:13
Operator : CG/JU
Sample : L3302-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

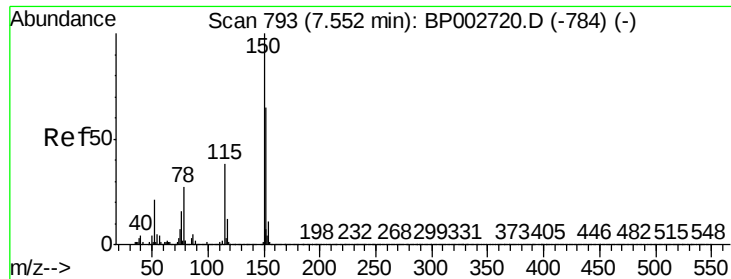
Instrument :
BNA_P
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
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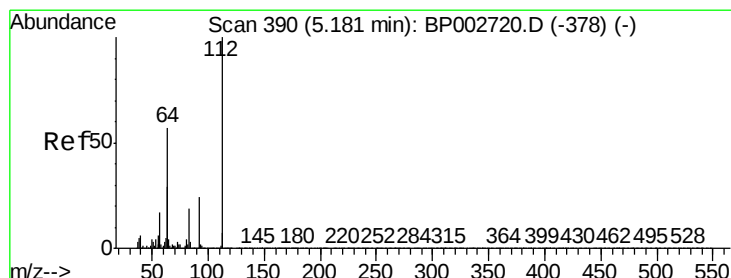
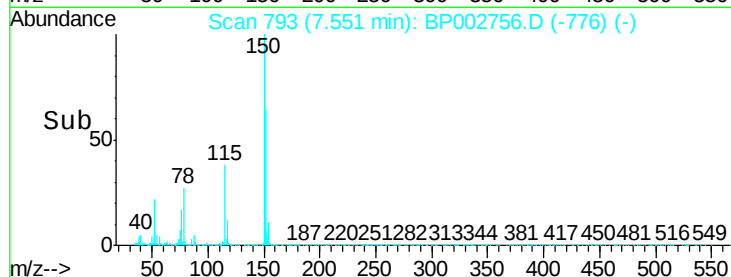
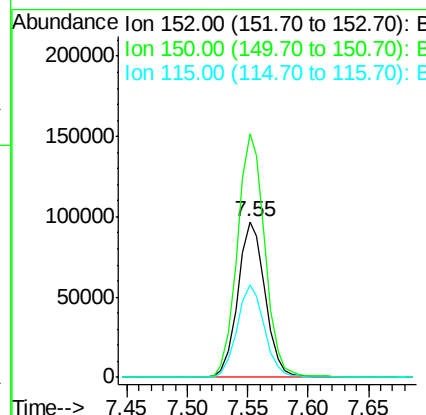
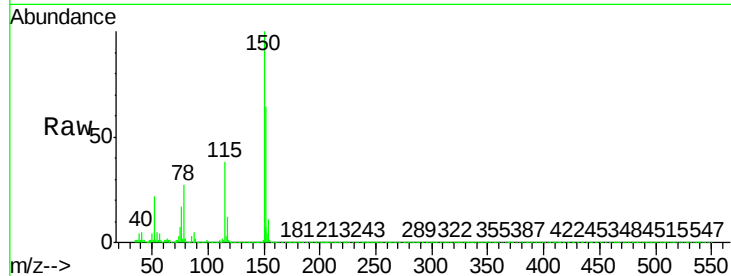
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 793
Delta R.T. 0.00 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-013-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	123.7	185.5
115	59.5	47.2	70.8

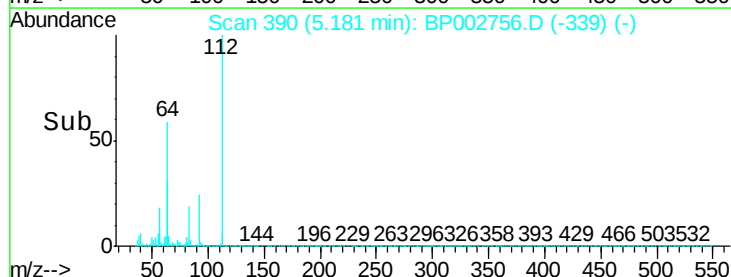
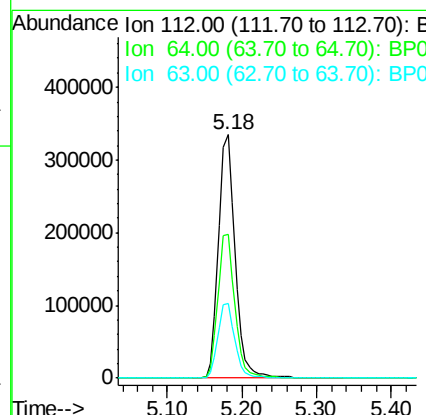
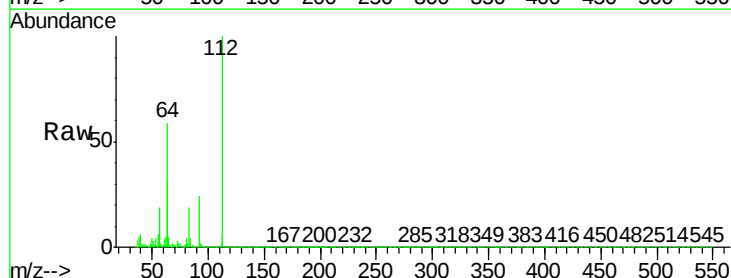
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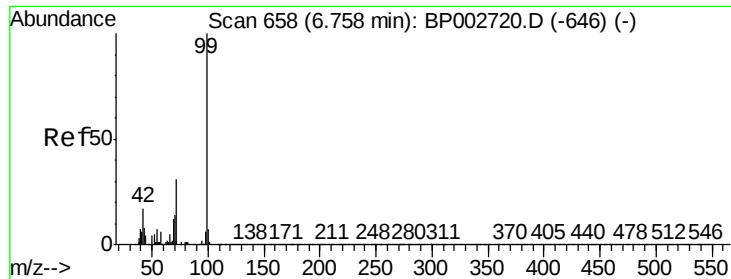
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#5
2-Fluorophenol
Concen: 57.679 ng
RT: 5.18 min Scan# 390
Delta R.T. 0.00 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	45.6	68.4
63	30.8	23.5	35.3





#7

Phenol-d6

Concen: 57.416 ng

RT: 6.75 min Scan# 657

Delta R.T. -0.01 min

Lab File: BP002756.D

Acq: 15 Jul 2020 16:13

Instrument :

BNA_P

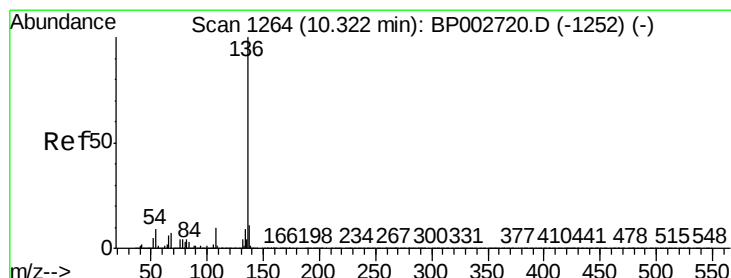
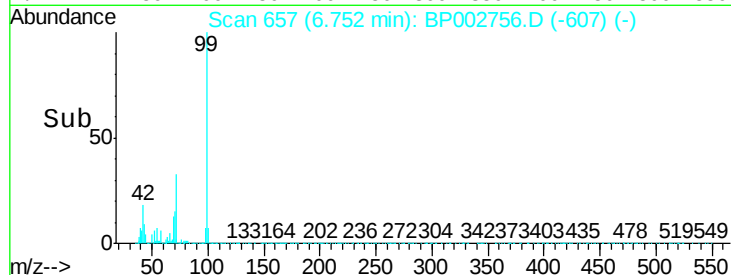
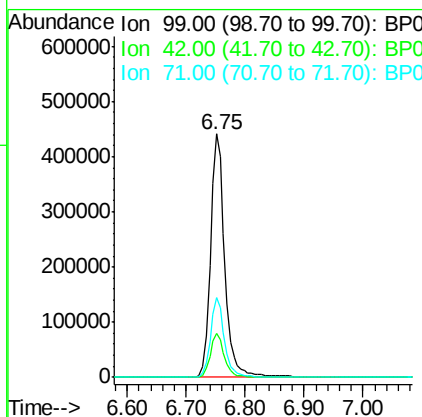
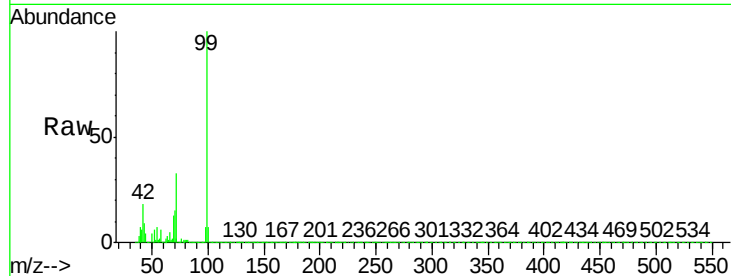
ClientSampleId :

FK-GF-03-013-A

Tot Ion:	99	Resp:	742545
Ion Ratio	Lower	Upper	
99	100		
42	17.8	13.4	20.2
71	32.8	24.6	36.8

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#21

Naphthalene-d8

Concen: 20.000 ng

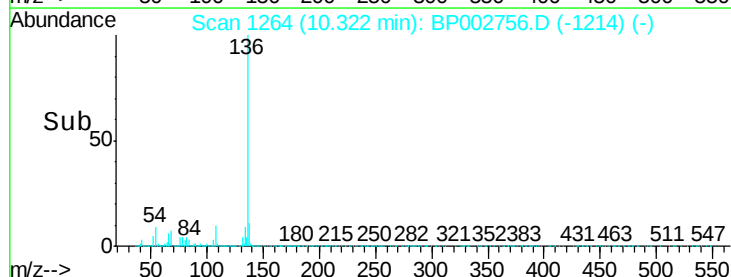
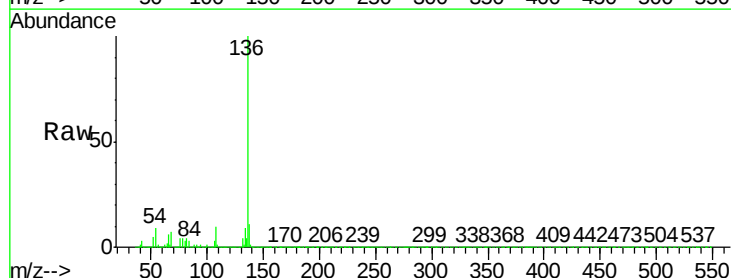
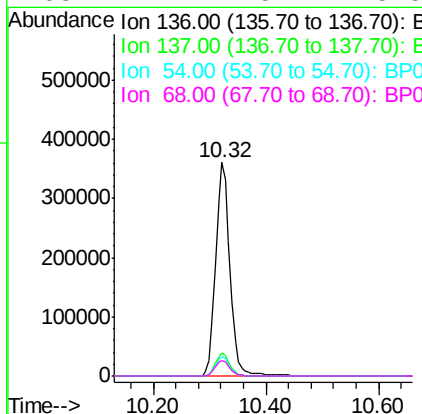
RT: 10.32 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BP002756.D

Acq: 15 Jul 2020 16:13

Tgt Ion:	136	Resp:	634330
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	9.1	6.9	10.3
68	7.4	5.7	8.5





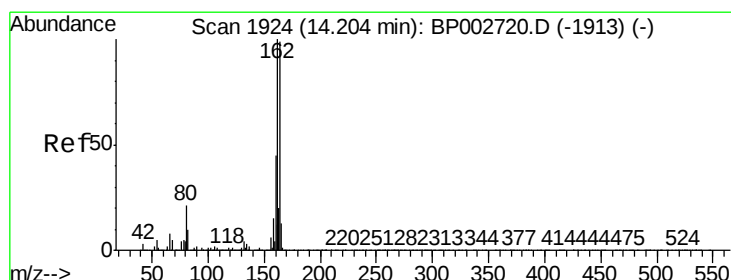
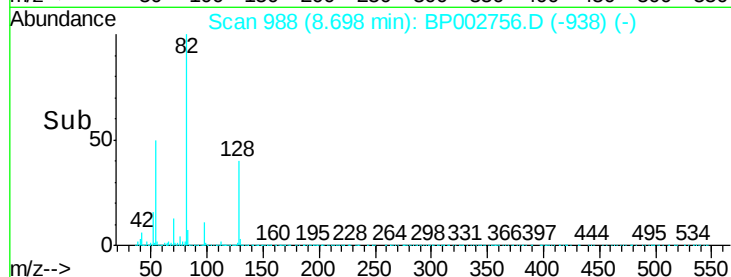
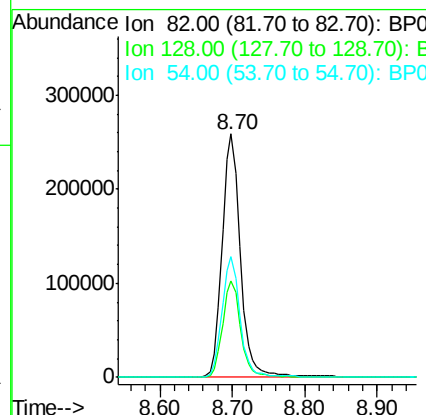
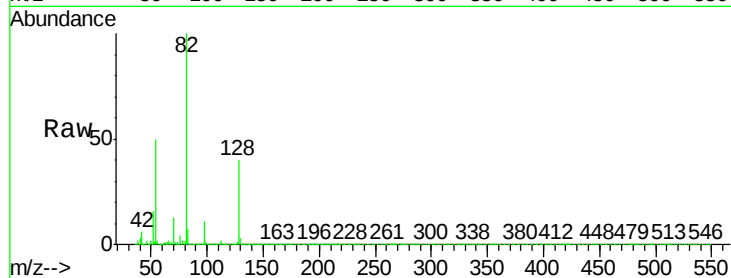
#23
Nitrobenzene-d5
Concen: 38.372 ng
RT: 8.70 min Scan# 988
Delta R.T. -0.01 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-013-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.6	33.8	50.8
54	49.6	38.8	58.2

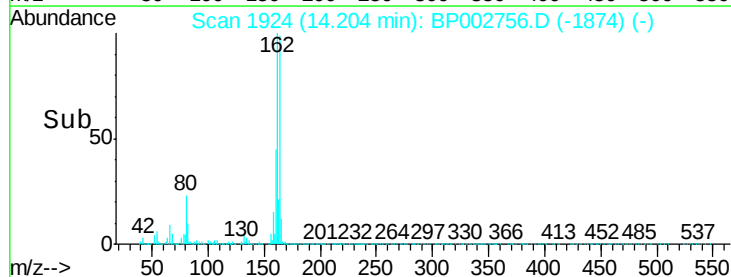
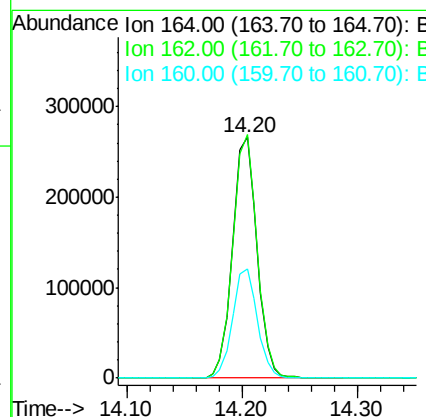
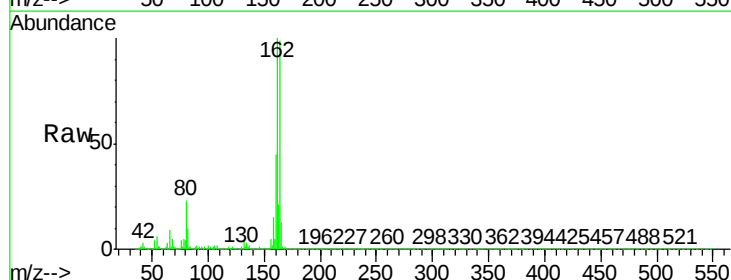
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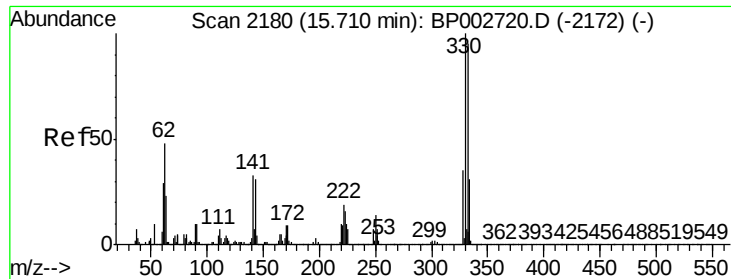
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.20 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.6	121.0
160	45.4	36.4	54.6





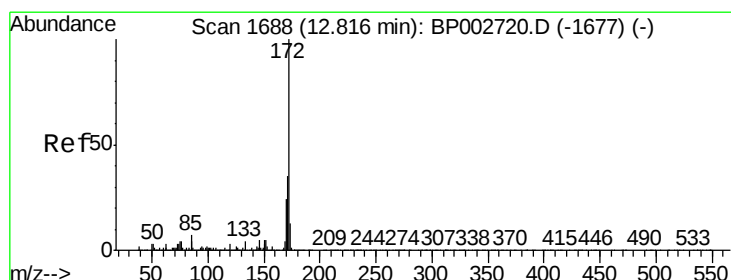
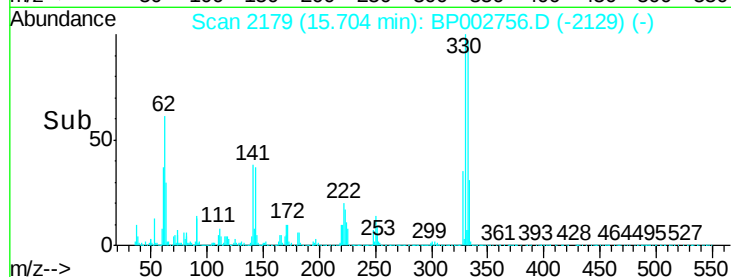
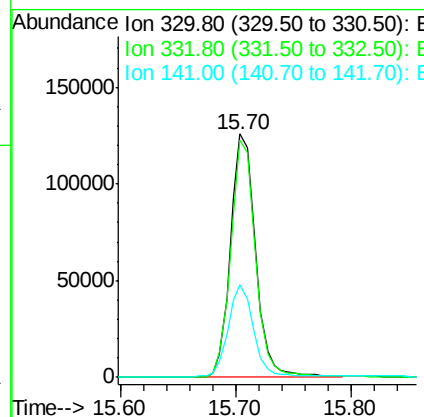
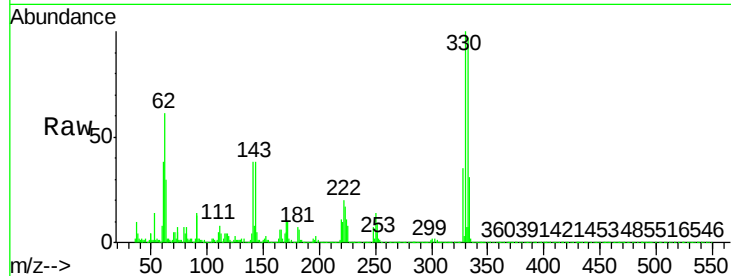
#42
 2,4,6-Tribromophenol
 Concen: 46.506 ng
 RT: 15.70 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BP002756.D
 Acq: 15 Jul 2020 16:13

Instrument :
 BNA_P
 ClientSampleId :
 FK-GF-03-013-A

Tot Ion	Ratio	Resp	Lower	Upper
330	100	190474		
332	97.3	76.5	114.7	
141	37.3	28.8	43.2	

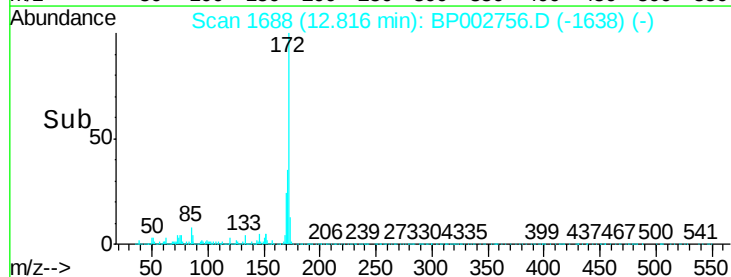
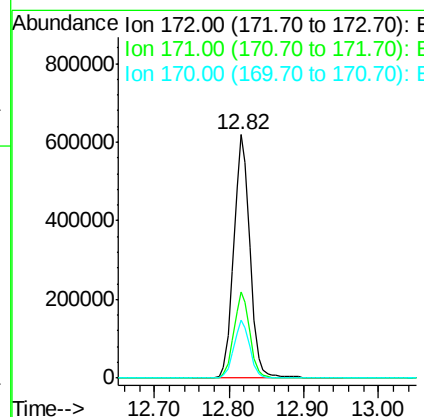
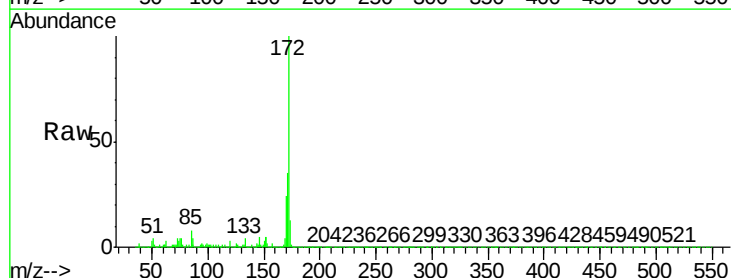
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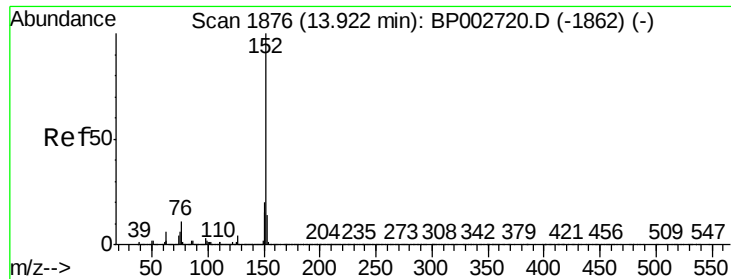
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#45
 2-Fluorobiphenyl
 Concen: 37.341 ng
 RT: 12.82 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BP002756.D
 Acq: 15 Jul 2020 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	947089		
171	35.4	28.1	42.1	
170	23.9	19.3	28.9	





#49

Acenaphthylene

Concen: 2.019 ng

RT: 13.92 min Scan# 1876

Delta R.T. 0.00 min

Lab File: BP002756.D

Acq: 15 Jul 2020 16:13

Instrument :

BNA_P

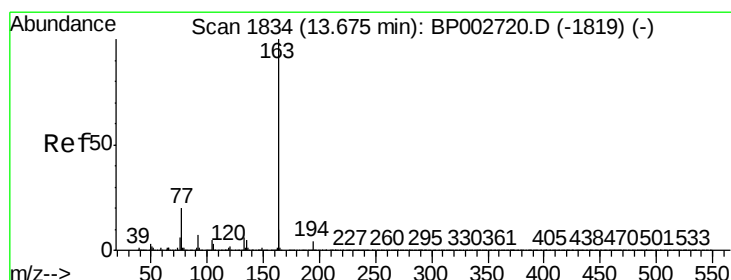
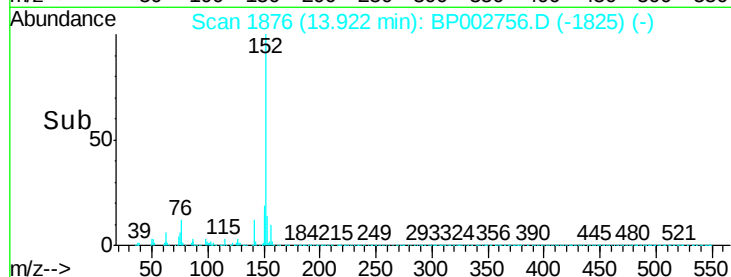
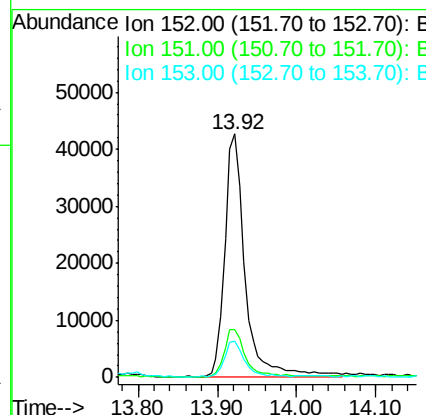
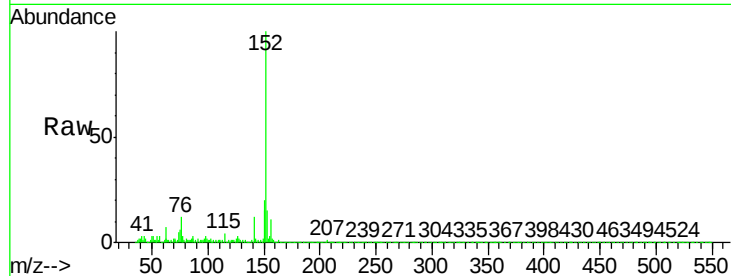
ClientSampleId :

FK-GF-03-013-A

Tot Ion:	152	Resp:	75621
Ion Ratio	Lower	Upper	
152	100		
151	19.6	16.2	24.4
153	14.7	10.9	16.3

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#50

Dimethylphthalate

Concen: 6.985 ng

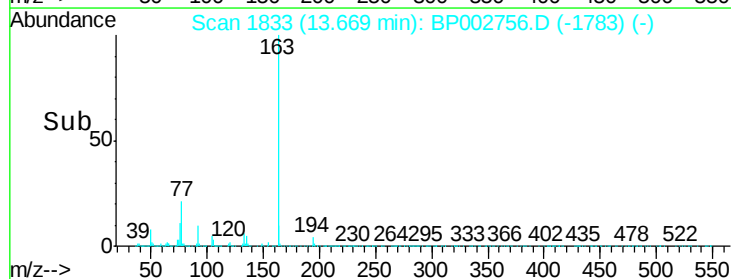
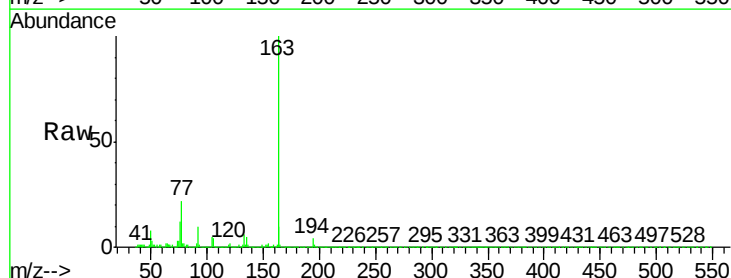
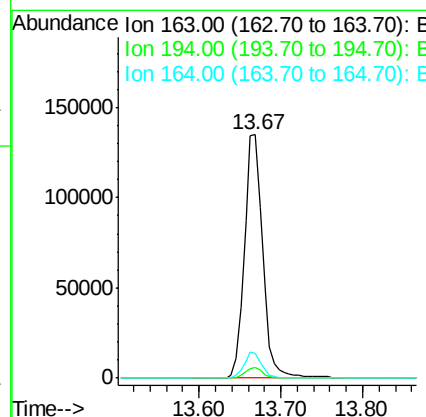
RT: 13.67 min Scan# 1833

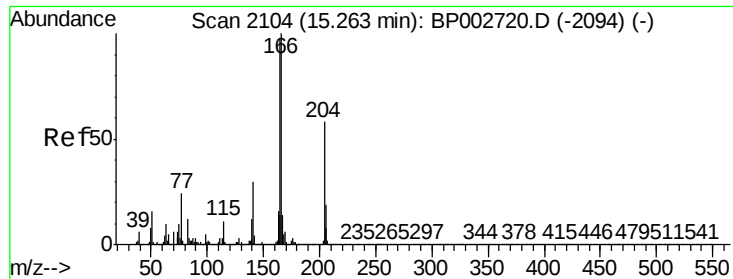
Delta R.T. -0.01 min

Lab File: BP002756.D

Acq: 15 Jul 2020 16:13

Tgt Ion:	163	Resp:	209019
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.4	5.2
164	10.3	7.8	11.8





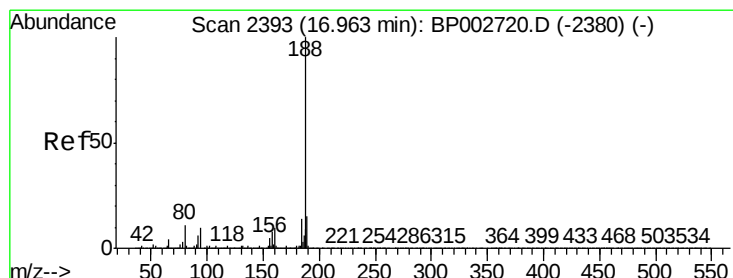
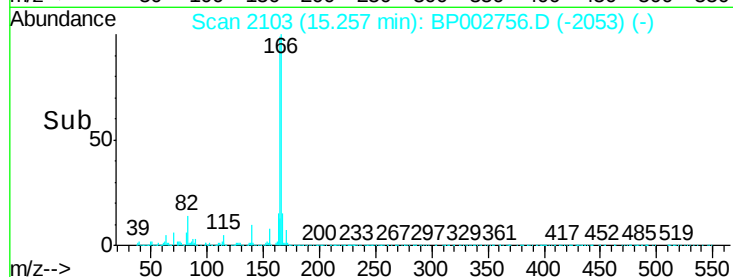
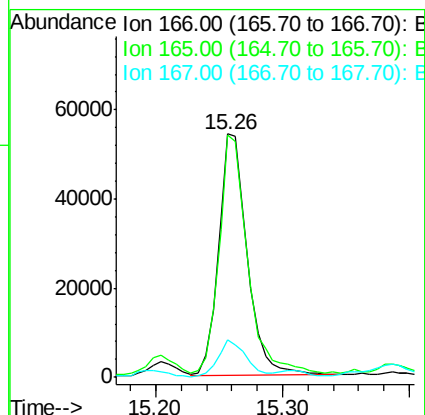
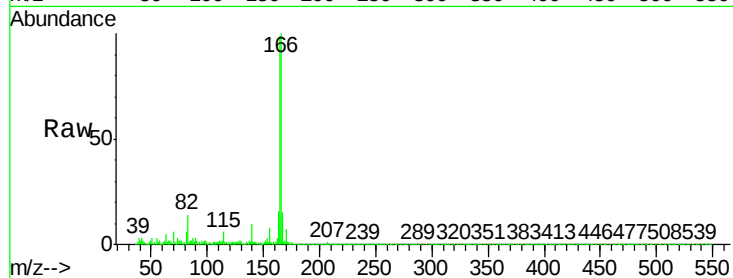
#58
Fluorene
Concen: 3.201 ng
RT: 15.26 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-013-A

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.4	77.7	116.5
167	15.3	11.0	16.6

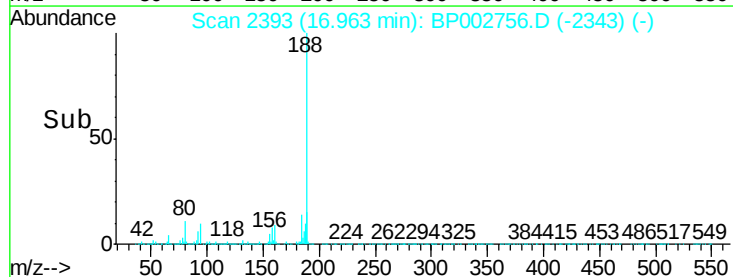
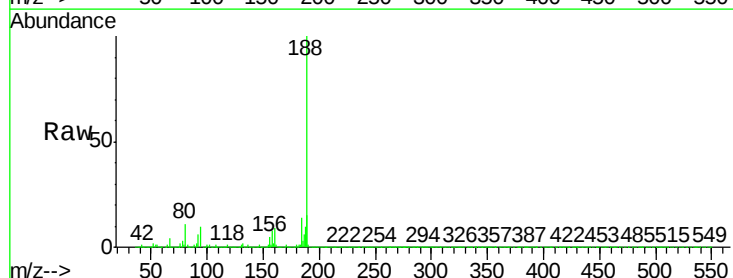
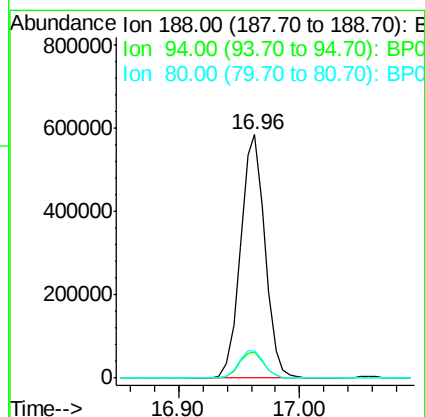
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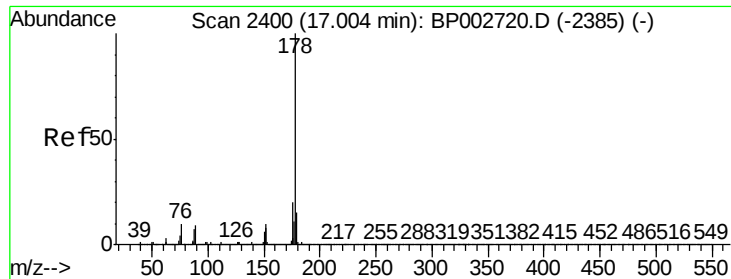
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.1	12.1
80	11.4	8.9	13.3





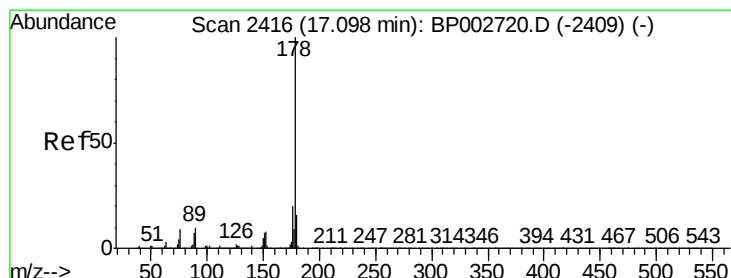
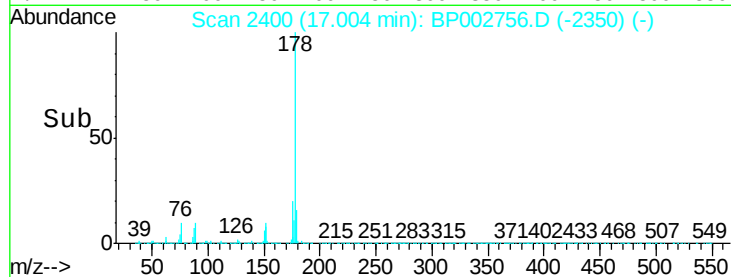
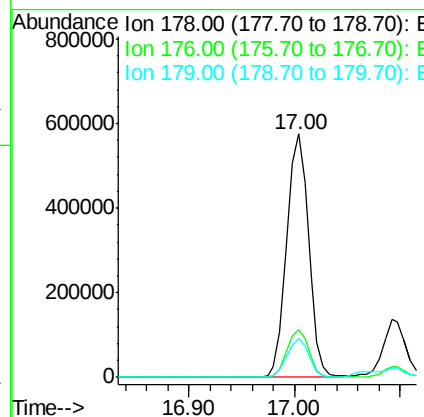
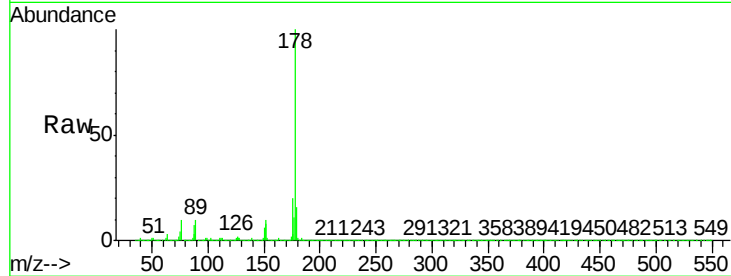
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Phenanthrene
Concen: 18.512 ng
RT: 17.00 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-013-A

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.7	12.3	18.5

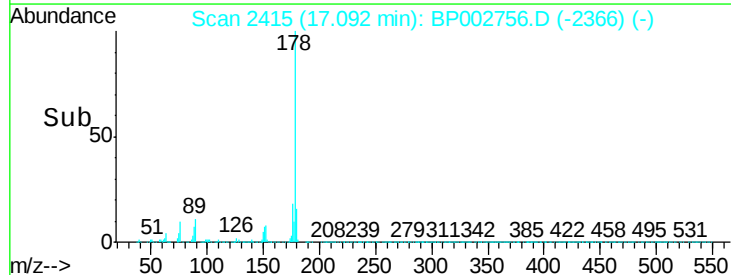
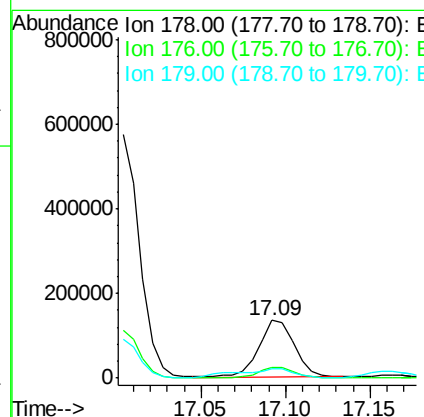
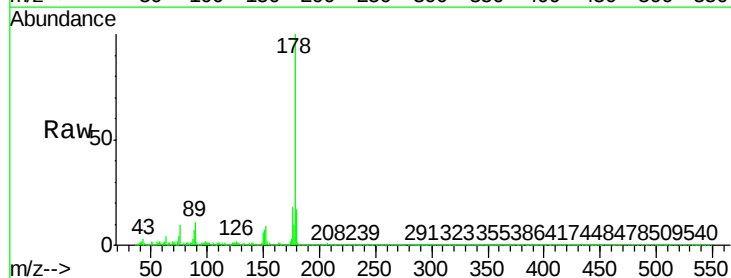
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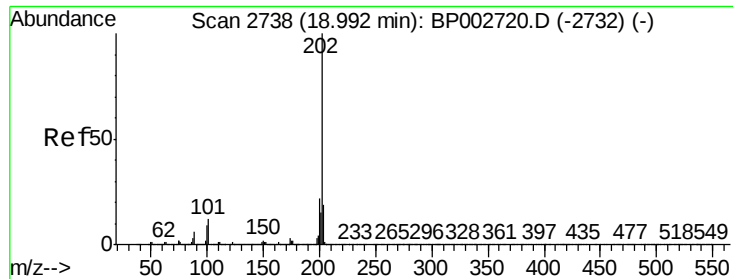
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#72
Anthracene
Concen: 4.575 ng
RT: 17.09 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.6	23.4
179	16.7	12.6	19.0





#75

Fluoranthene

Concen: 16.361 ng

RT: 18.99 min Scan# 2738

Delta R.T. -0.01 min

Lab File: BP002756.D

Acq: 15 Jul 2020 16:13

Instrument :

BNA_P

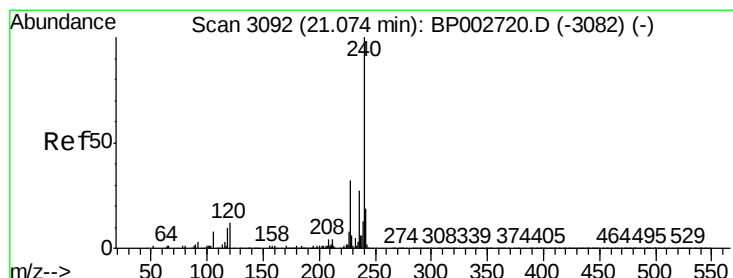
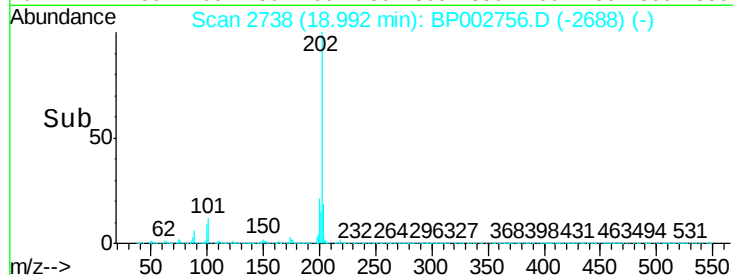
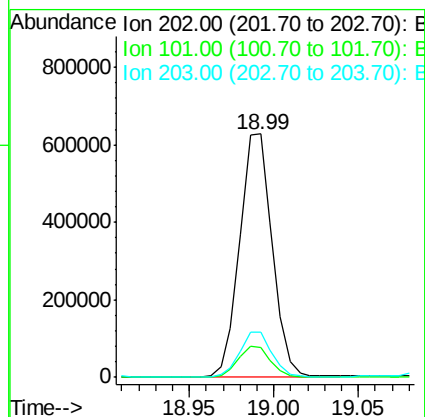
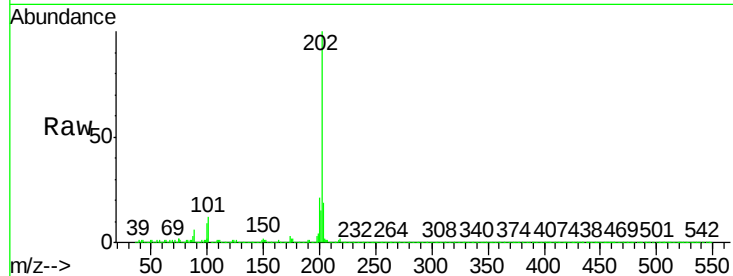
ClientSampleId :

FK-GF-03-013-A

Tot Ion:	202	Resp:	841636
Ion Ratio		Lower	Upper
202	100		
101	12.0	0.0	32.5
203	18.7	0.0	38.6

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#76

Chrysene-d12

Concen: 20.000 ng

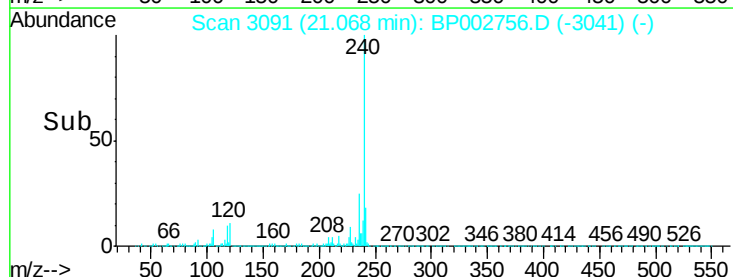
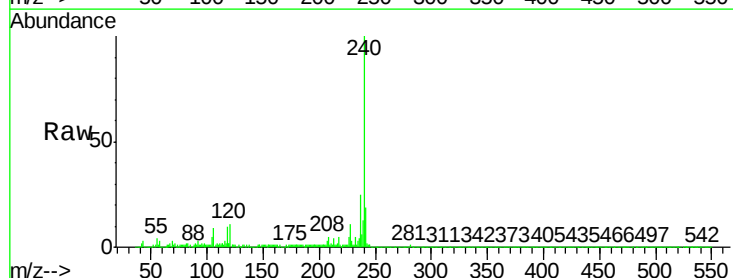
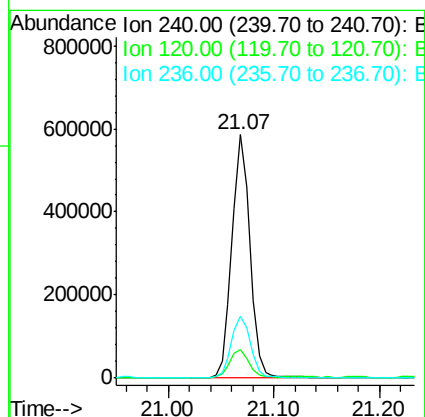
RT: 21.07 min Scan# 3091

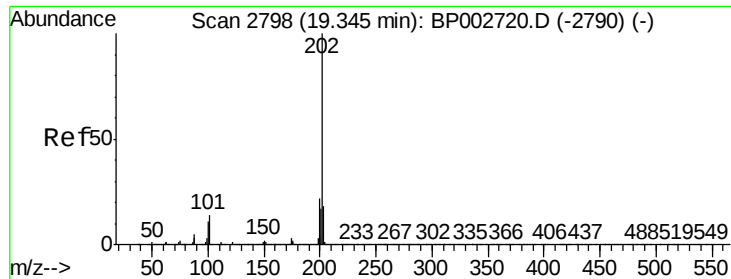
Delta R.T. -0.01 min

Lab File: BP002756.D

Acq: 15 Jul 2020 16:13

Tgt Ion:	240	Resp:	684073
Ion Ratio		Lower	Upper
240	100		
120	11.5	9.4	14.2
236	25.3	21.3	31.9





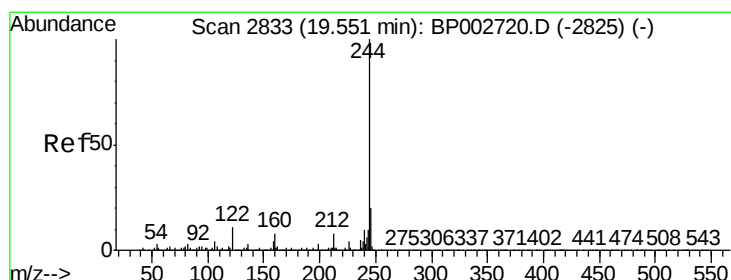
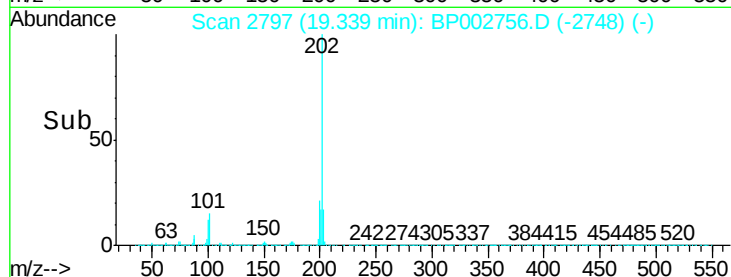
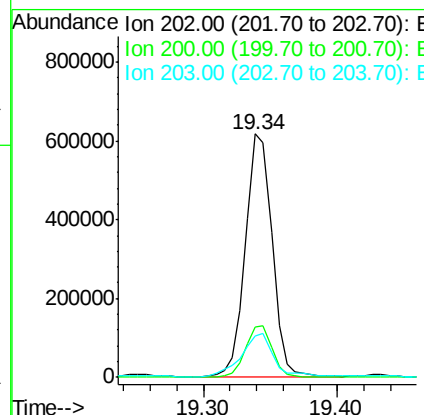
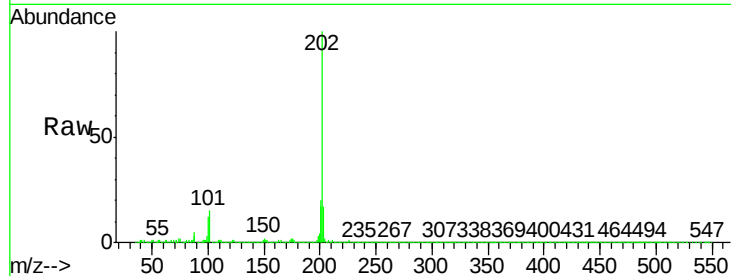
#78
Pvrene
Concen: 18.075 ng
RT: 19.34 min Scan# 2797
Delta R.T. -0.01 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-013-A

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.5	17.7	26.5
203	17.2	14.5	21.7

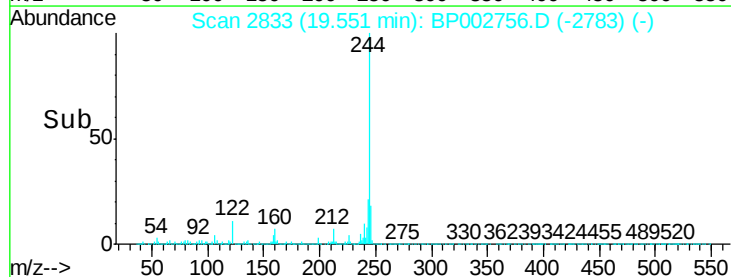
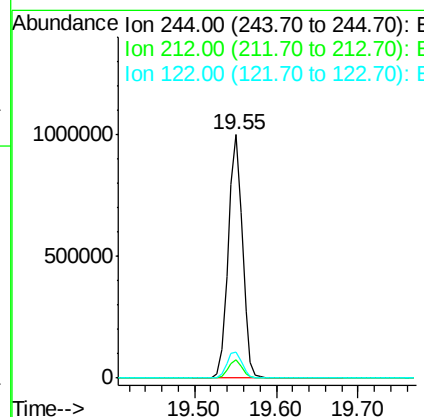
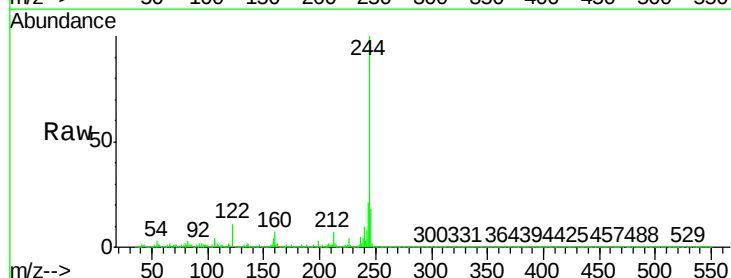
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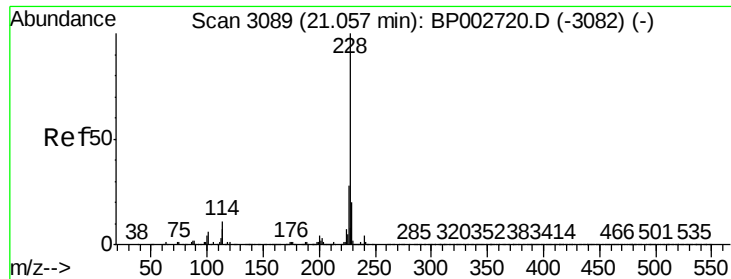
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#79
Terphenyl-d14
Concen: 40.406 ng
RT: 19.55 min Scan# 2833
Delta R.T. -0.01 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.5	6.0	9.0
122	10.8	8.9	13.3





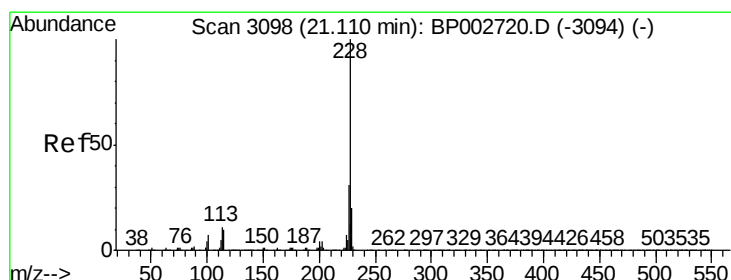
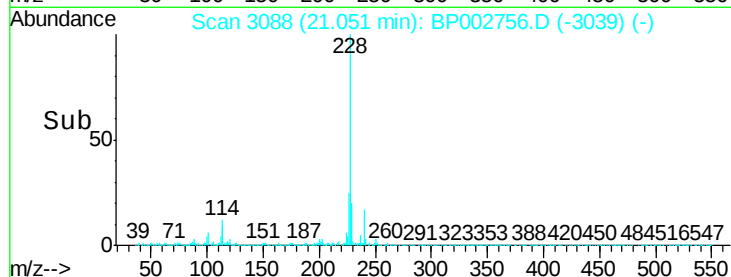
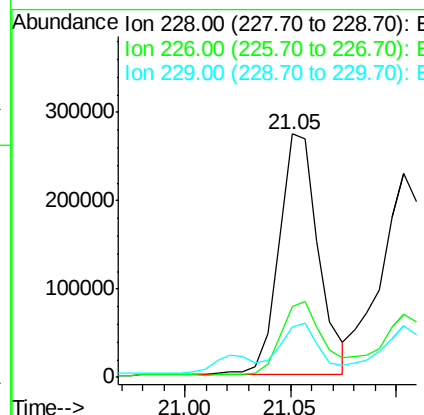
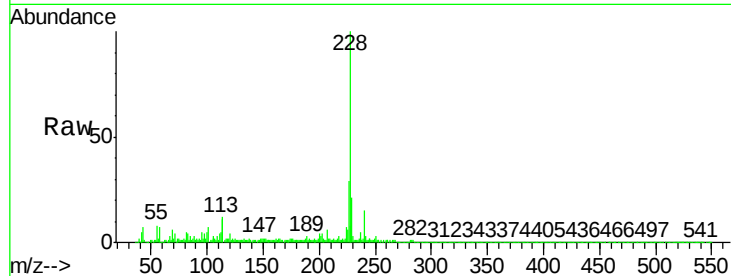
#81
Benzo(a)anthracene
Concen: 8.033 ng
RT: 21.05 min Scan# 3088
Delta R.T. -0.01 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-013-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	34.0
229	20.7	16.0	24.0

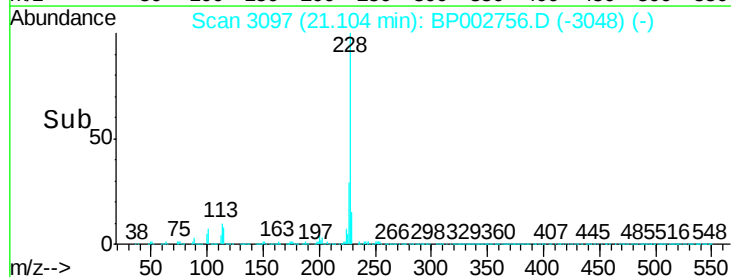
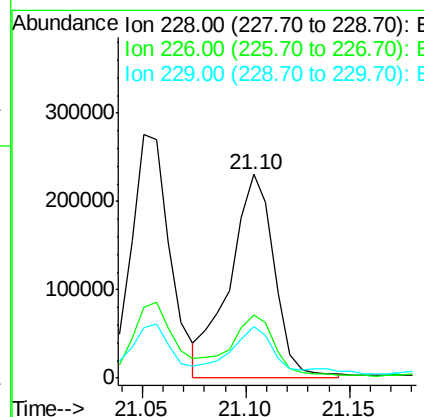
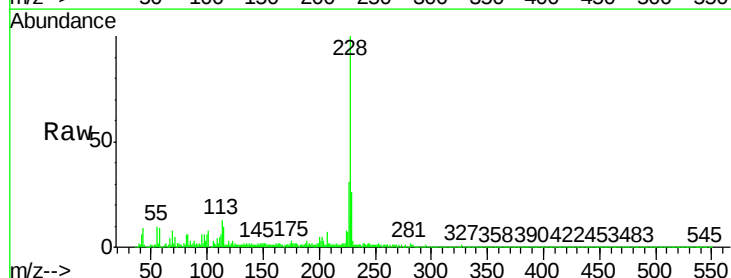
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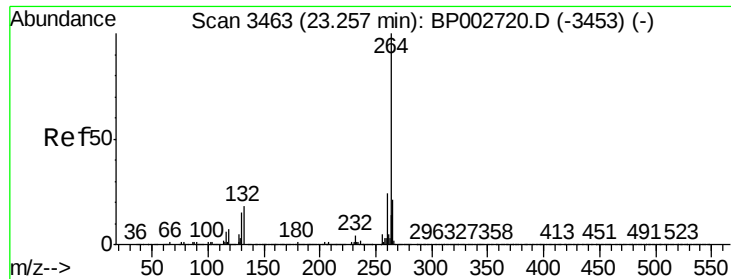
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#83
Chrysene
Concen: 8.246 ng m
RT: 21.10 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.6	37.0
229	25.6	15.7	23.5#





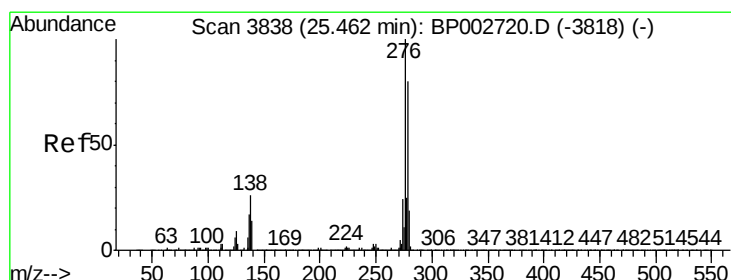
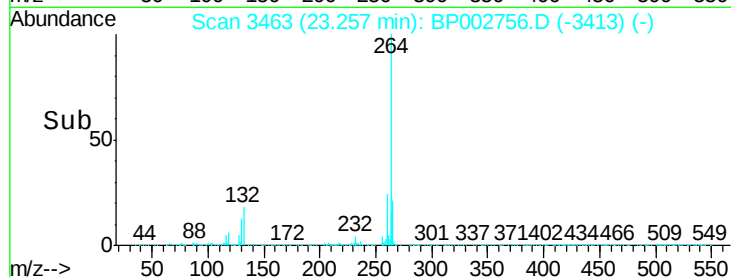
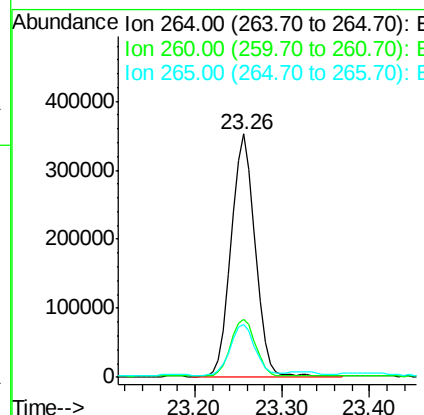
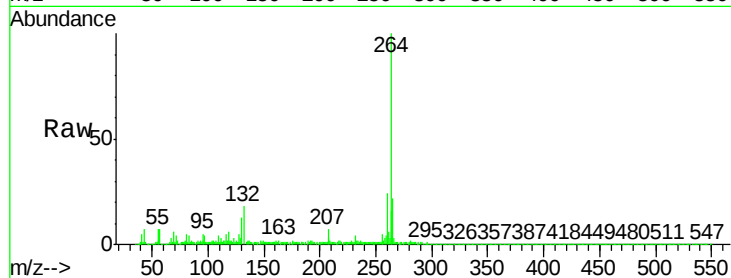
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.26 min Scan# 3463
Delta R.T. -0.01 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-013-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	21.7	16.8	25.2

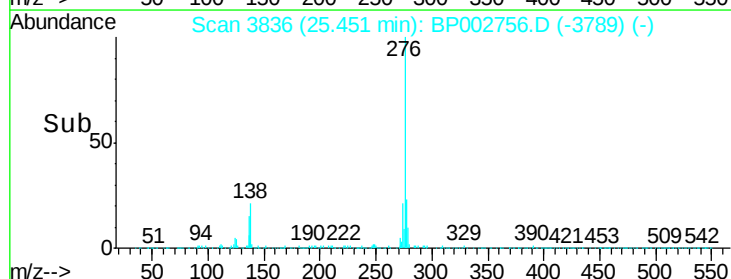
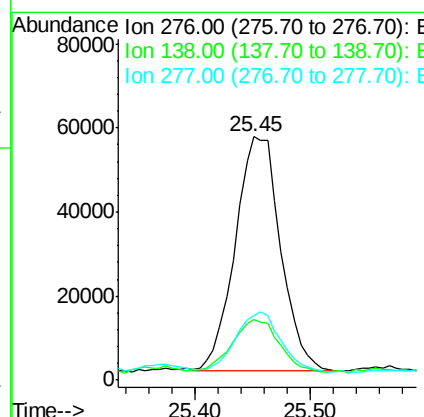
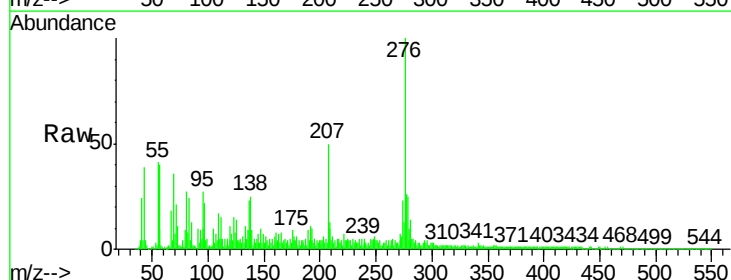
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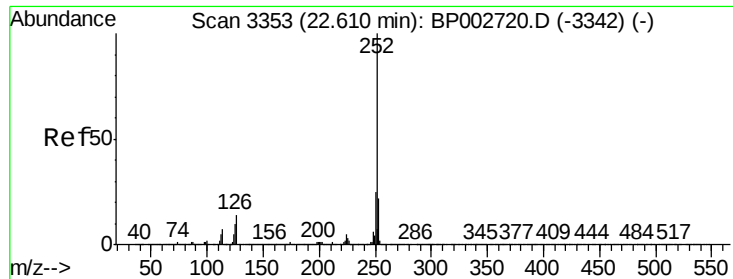
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#87
Indeno(1,2,3-cd)pyrene
Concen: 3.207 ng
RT: 25.45 min Scan# 3836
Delta R.T. -0.02 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.8	20.8	31.2
277	25.2	20.0	30.0





#88

Benzo(b)fluoranthene

Concen: 8.653 ng m

RT: 22.61 min Scan# 3353

Delta R.T. -0.01 min

Lab File: BP002756.D

Acq: 15 Jul 2020 16:13

Instrument :

BNA_P

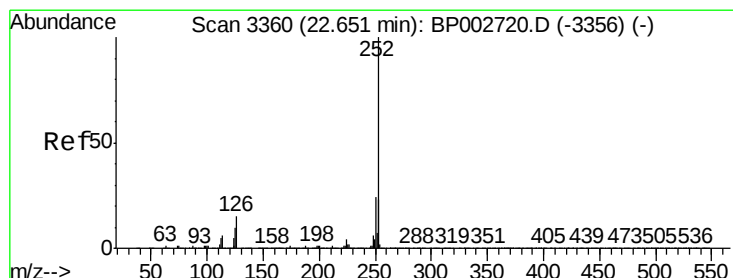
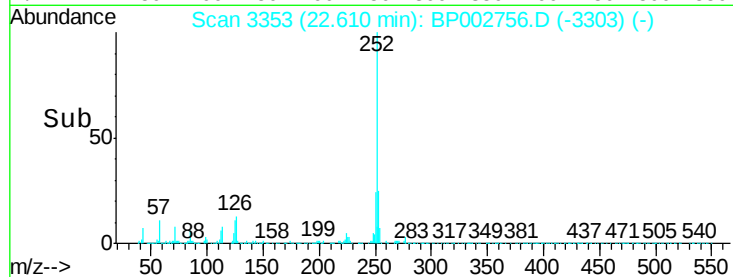
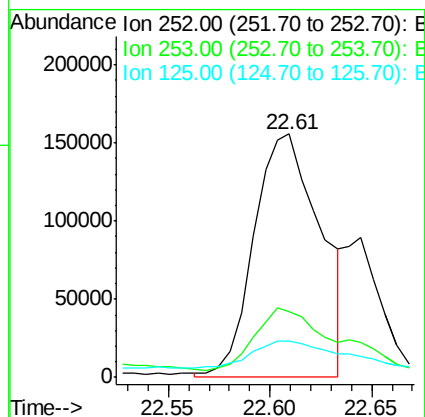
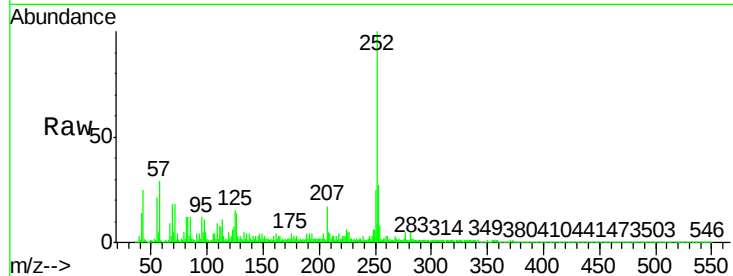
ClientSampleId :

FK-GF-03-013-A

Tot Ion:	252	Resp:	353242
Ion Ratio	Lower	Upper	
252	100		
253	27.0	17.7	26.5#
125	15.1	8.2	12.2#

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#89

Benzo(k)fluoranthene

Concen: 2.819 ng m

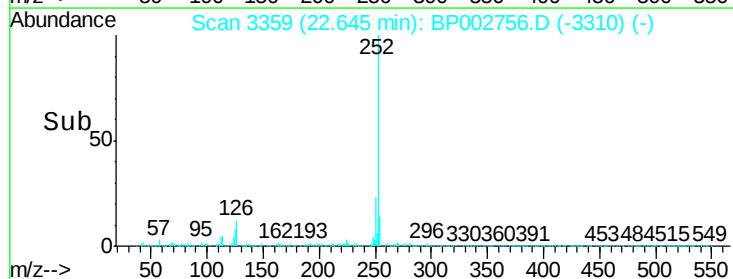
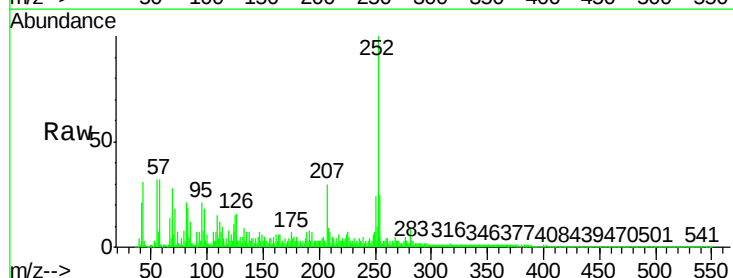
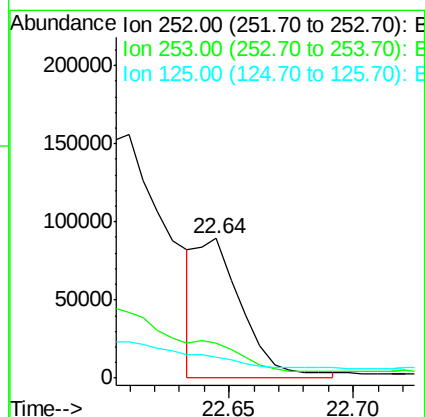
RT: 22.64 min Scan# 3359

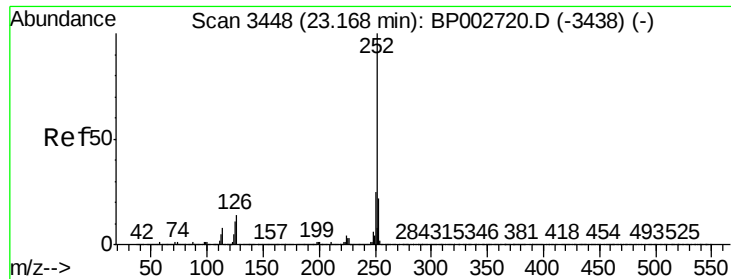
Delta R.T. -0.01 min

Lab File: BP002756.D

Acq: 15 Jul 2020 16:13

Tgt Ion:	252	Resp:	113350
Ion Ratio	Lower	Upper	
252	100		
253	24.9	17.8	26.8
125	15.4	8.3	12.5#





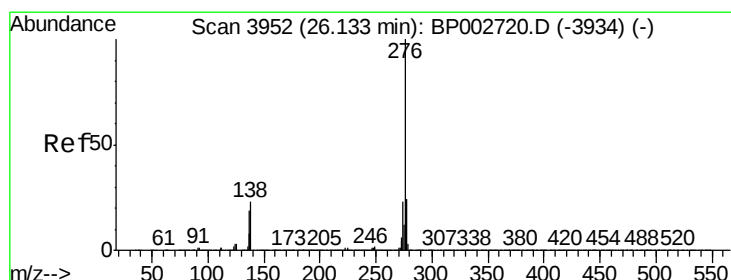
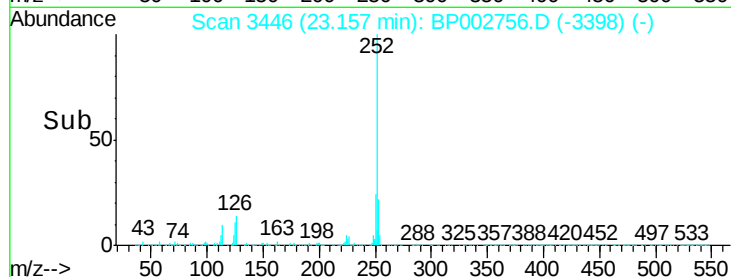
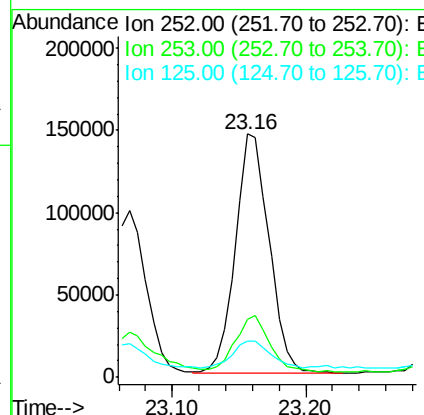
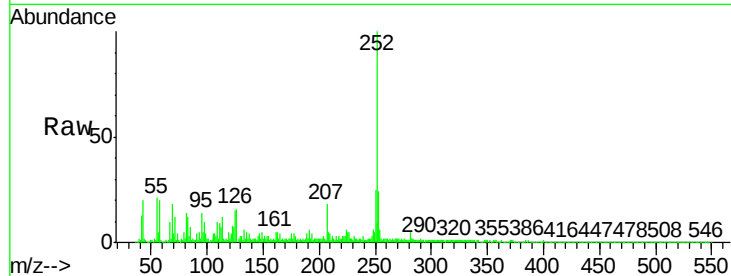
#90
Benzo(a)pyrene
Concen: 6.634 ng
RT: 23.16 min Scan# 3446
Delta R.T. -0.02 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-013-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.6	26.4
125	15.1	8.6	13.0

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 4.132 ng
RT: 26.13 min Scan# 3951
Delta R.T. -0.02 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.2	19.1	28.7
138	23.4	18.3	27.5

