

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
 Data File : BP002761.D
 Acq On : 15 Jul 2020 19:03
 Operator : CG/JU
 Sample : L3304-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FK-GF-02-058-B

Manual Integrations
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mohammad
 7/16/2020 11:07:23 AM

Quant Time: Jul 16 01:01:34 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	7.56	152	174475	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	687664	20.00	ng	0.00
39) Acenaphthene-d10	14.21	164	396490	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	777355	20.00	ng	0.00
76) Chrysene-d12	21.08	240	619176	20.00	ng	0.00
86) Perylene-d12	23.27	264	565765	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	770825	74.54	ng	0.00
7) Phenol-d6	6.76	99	1045848	70.86	ng	0.00
23) Nitrobenzene-d5	8.70	82	644068	50.09	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	263113	63.57	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	1251884	48.84	ng	0.00
79) Terphenyl-d14	19.56	244	1395485	51.67	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.67	163	205930	6.810	ng	99
71) Phenanthrene	17.01	178	514230	12.218	ng	99
72) Anthracene	17.10	178	156049	3.778	ng	98
75) Fluoranthene	19.00	202	785501	16.107	ng	99
78) Pyrene	19.35	202	795058	18.598	ng	98
81) Benzo(a)anthracene	21.06	228	377263	9.413	ng	99
83) Chrysene	21.12	228	349644	9.164	ng	97
87) Indeno(1,2,3-cd)pyrene	25.49	276	189875	4.643	ng	96
88) Benzo(b)fluoranthene	22.62	252	373891m	10.643	ng	
89) Benzo(k)fluoranthene	22.66	252	133644m	3.862	ng	
90) Benzo(a)pyrene	23.17	252	301800	9.066	ng	# 89
92) Benzo(a,h,i)perylene	26.16	276	200150	5.986	ng	96

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

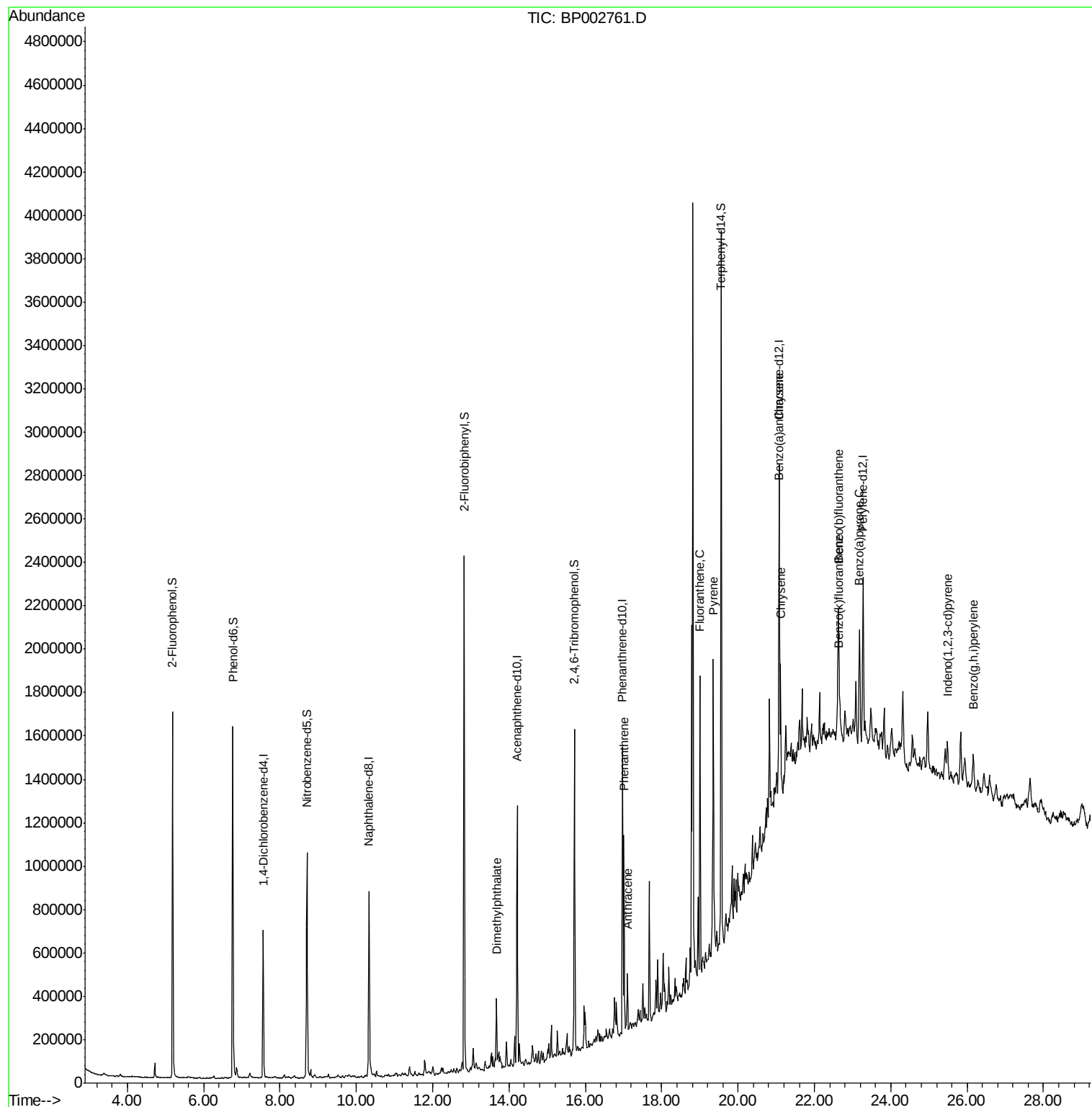
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002761.D
Acq On : 15 Jul 2020 19:03
Operator : CG/JU
Sample : L3304-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

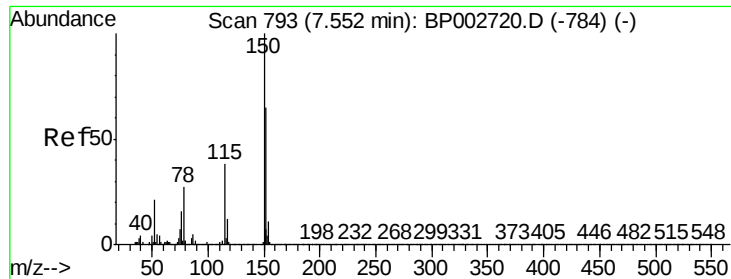
Instrument :
BNA_P
ClientSampleId :
FK-GF-02-058-B

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Quant Time: Jul 16 01:01:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

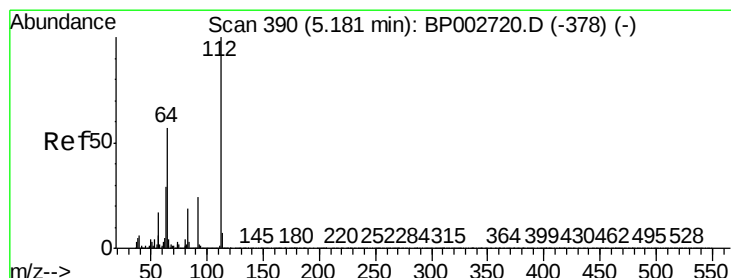
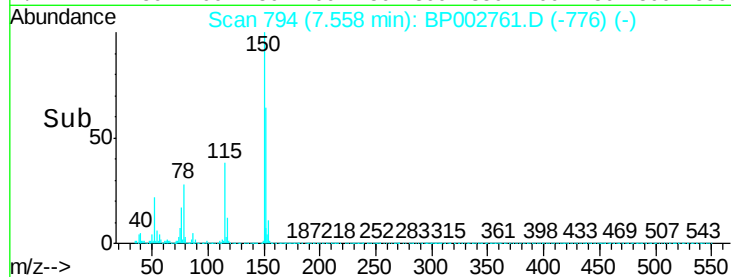
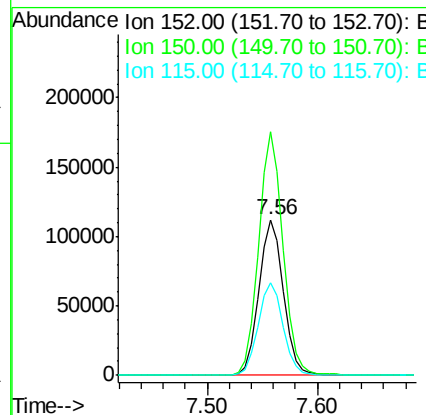
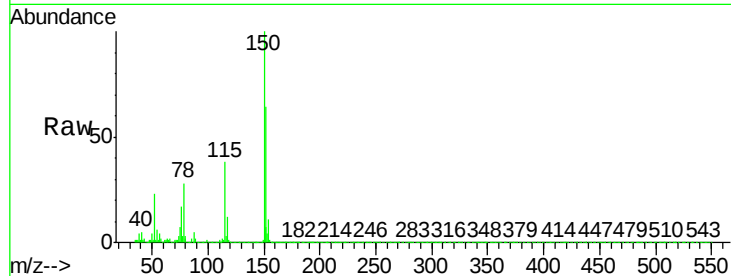
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 794
Delta R.T. 0.01 min
Lab File: BP002761.D
Acq: 15 Jul 2020 19:03

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-058-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	123.7	185.5
115	59.1	47.2	70.8

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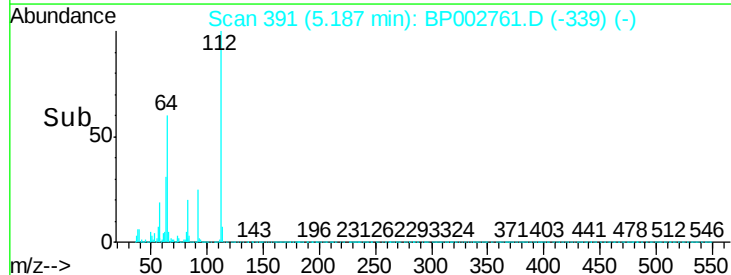
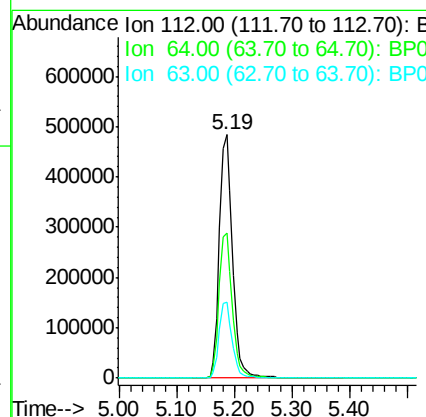
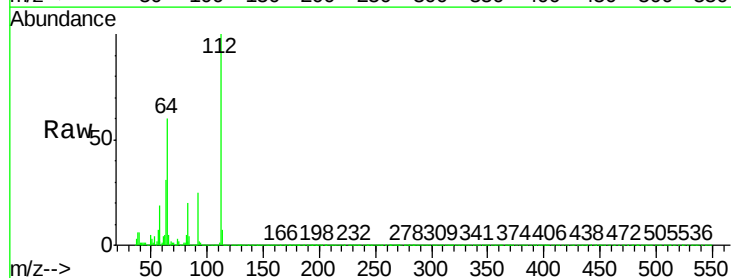
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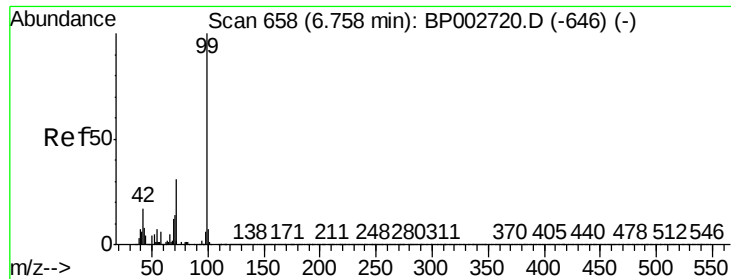


#5

2-Fluorophenol
Concen: 74.539 ng
RT: 5.19 min Scan# 391
Delta R.T. 0.01 min
Lab File: BP002761.D
Acq: 15 Jul 2020 19:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	45.6	68.4
63	30.9	23.5	35.3





#7

Phenol-d6

Concen: 70.864 ng

RT: 6.76 min Scan# 659

Delta R.T. 0.01 min

Lab File: BP002761.D

Acq: 15 Jul 2020 19:03

Instrument :

BNA_P

ClientSampleId :

FK-GF-02-058-B

Tot Ion: 99 Resp: 1045848

Ion Ratio Lower Upper

99 100

42 17.4 13.4 20.2

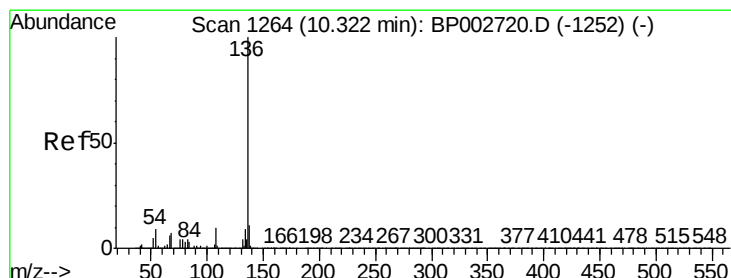
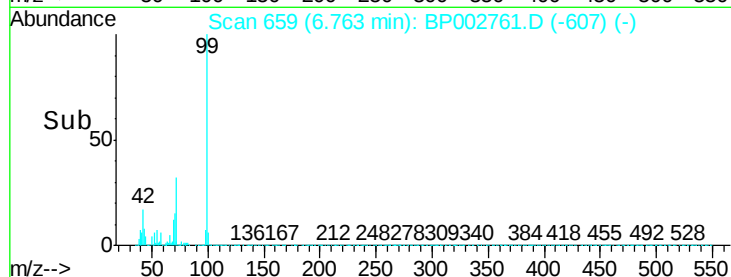
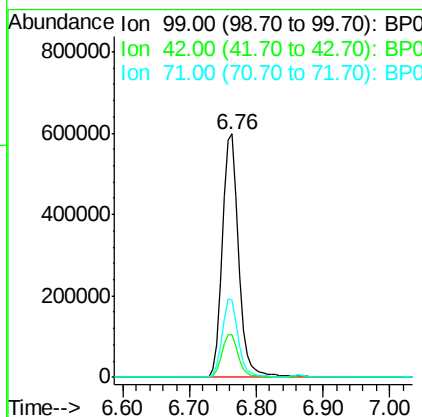
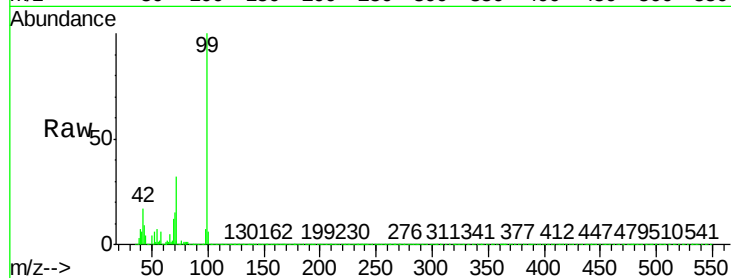
71 31.6 24.6 36.8

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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: BP002761.D

Acq: 15 Jul 2020 19:03

Tgt Ion: 136 Resp: 687664

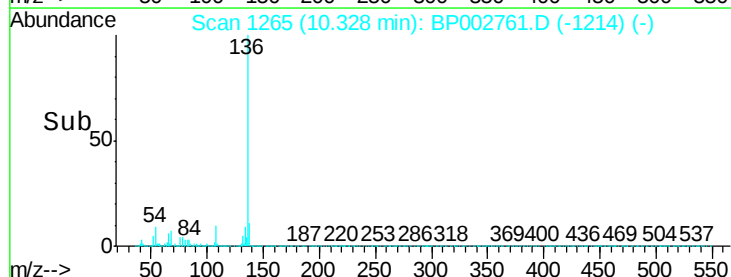
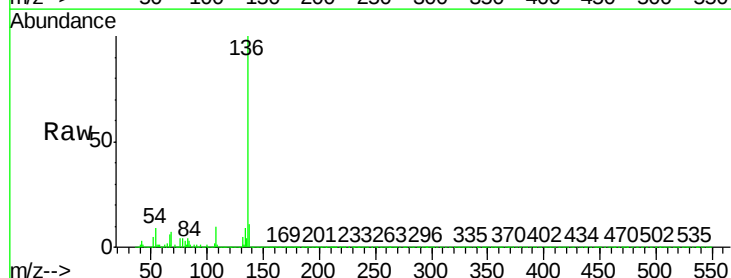
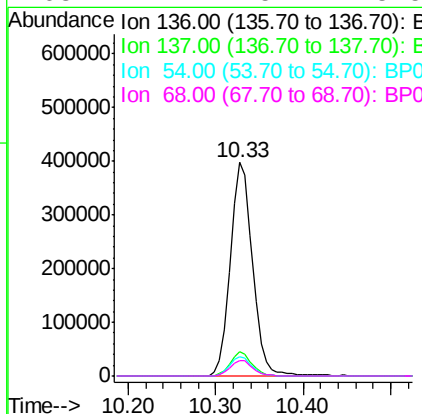
Ion Ratio Lower Upper

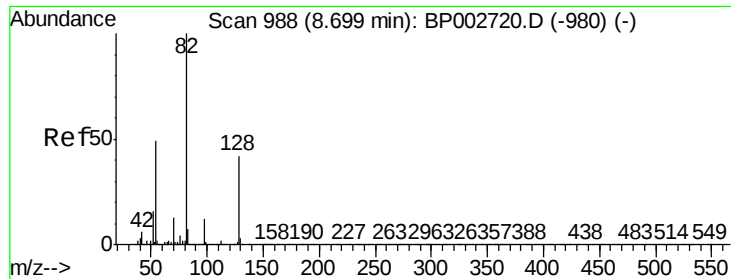
136 100

137 11.2 8.6 13.0

54 9.1 6.9 10.3

68 7.4 5.7 8.5





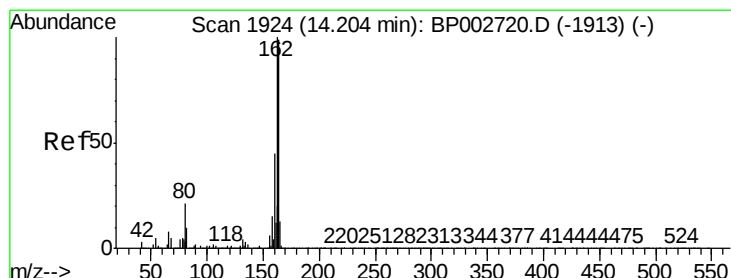
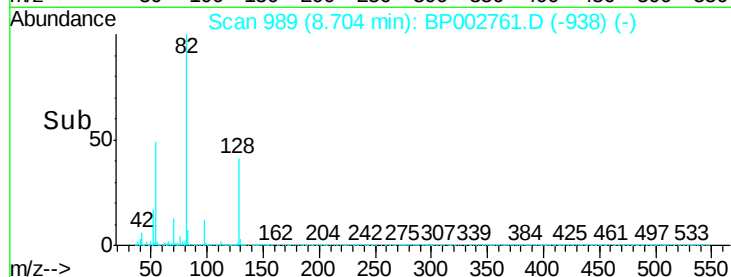
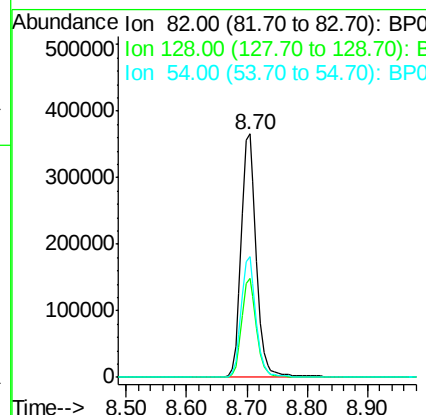
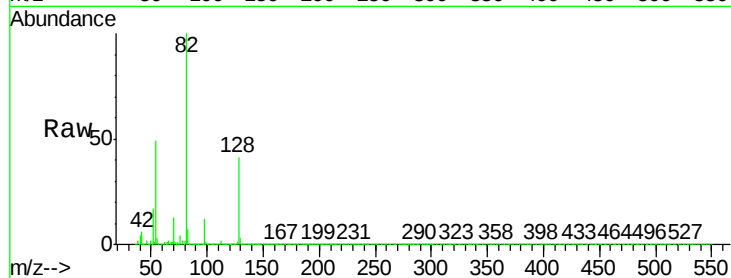
#23
Nitrobenzene-d5
Concen: 50.093 ng
RT: 8.70 min Scan# 989
Delta R.T. 0.00 min
Lab File: BP002761.D
Acq: 15 Jul 2020 19:03

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-058-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	40.5	33.8	50.8		
54	49.5	38.8	58.2		

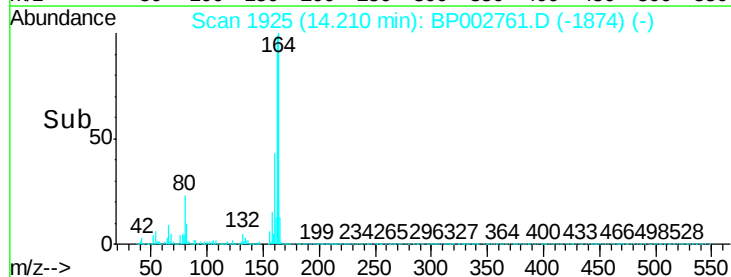
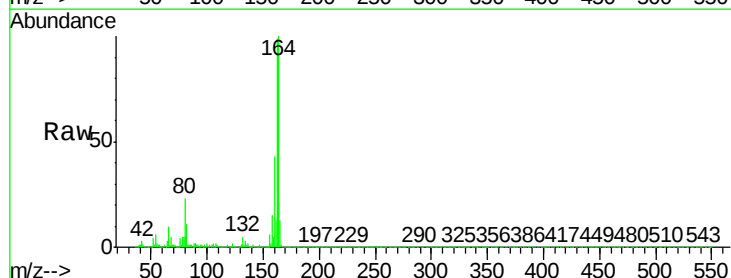
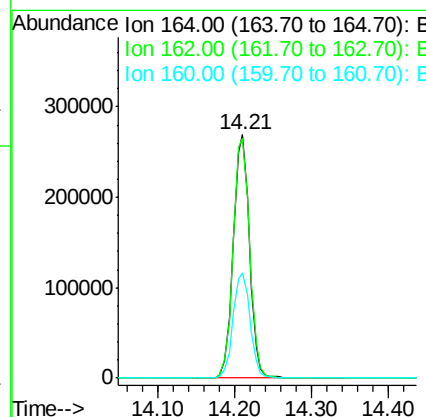
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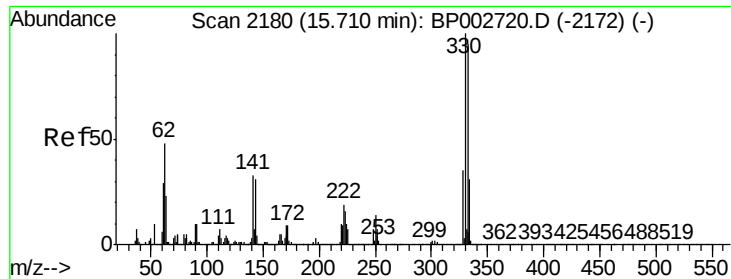
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.21 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BP002761.D
Acq: 15 Jul 2020 19:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100				
162	98.7	80.6	121.0		
160	43.2	36.4	54.6		





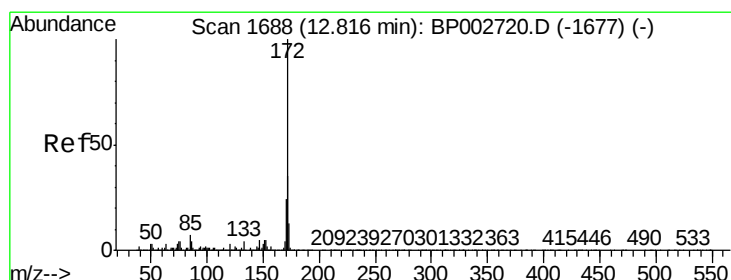
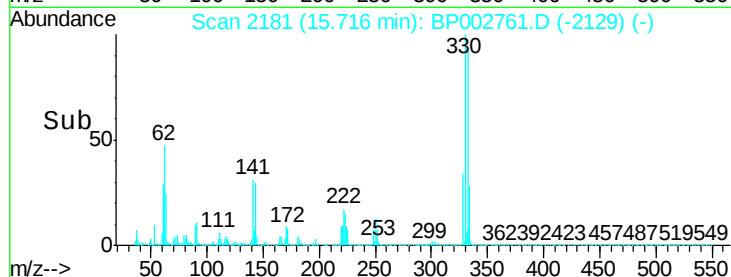
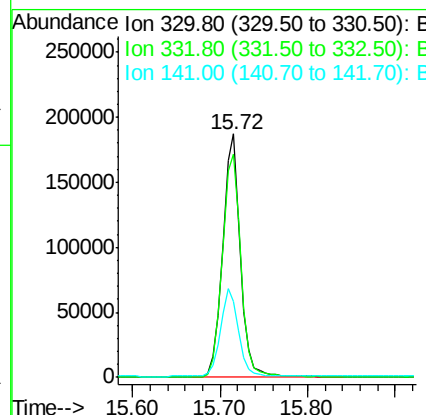
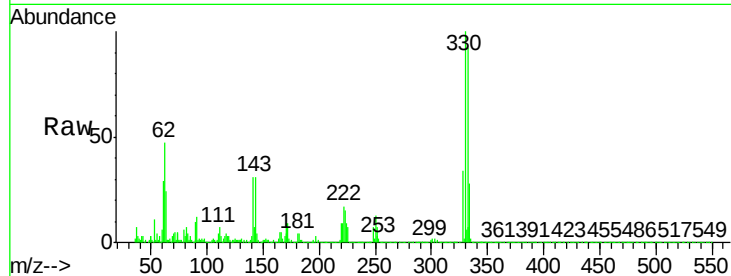
#42
2,4,6-Tribromophenol
Concen: 63.573 ng
RT: 15.72 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BP002761.D
Acq: 15 Jul 2020 19:03

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-058-B

Tot Ion	Ratio	Resp	Lower	Upper
330	100	263113		
332	97.0	76.5	114.7	
141	36.0	28.8	43.2	

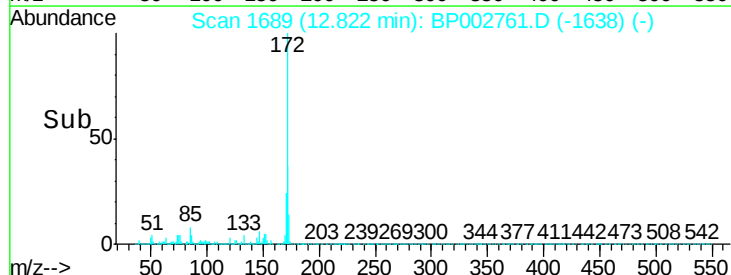
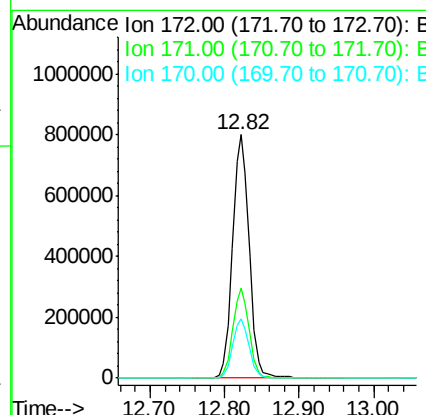
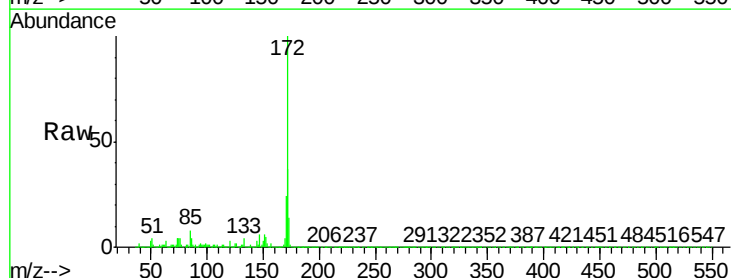
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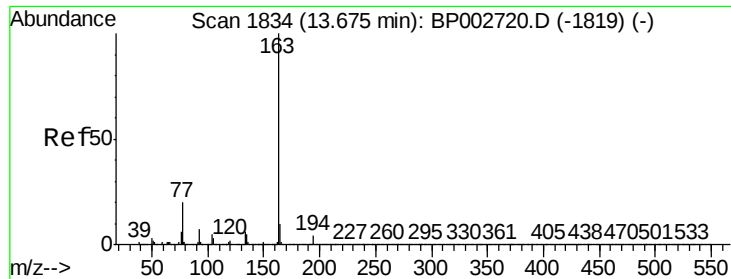
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#45
2-Fluorobiphenyl
Concen: 48.845 ng
RT: 12.82 min Scan# 1689
Delta R.T. 0.00 min
Lab File: BP002761.D
Acq: 15 Jul 2020 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1251884		
171	36.7	28.1	42.1	
170	24.2	19.3	28.9	





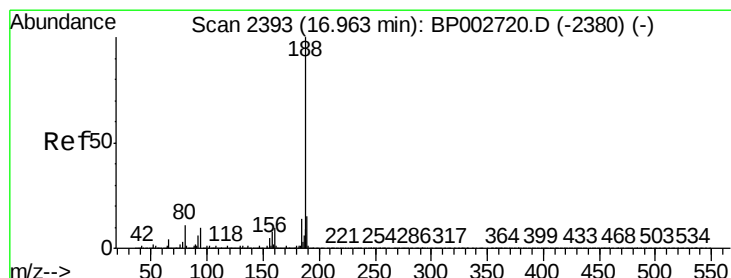
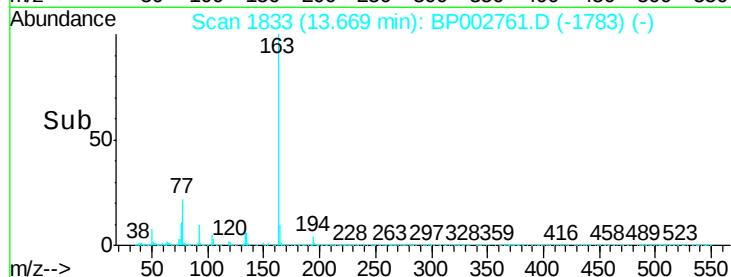
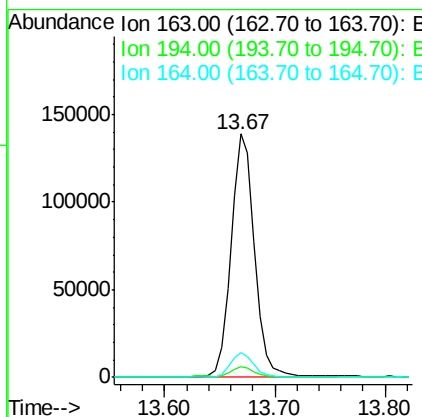
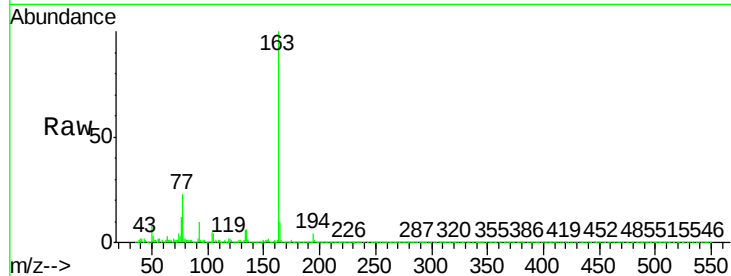
#50
Dimethylphthalate
Concen: 6.810 ng
RT: 13.67 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BP002761.D
Acq: 15 Jul 2020 19:03

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-058-B

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.2	7.8	11.8

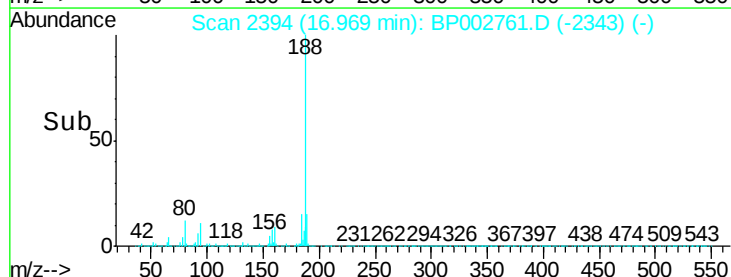
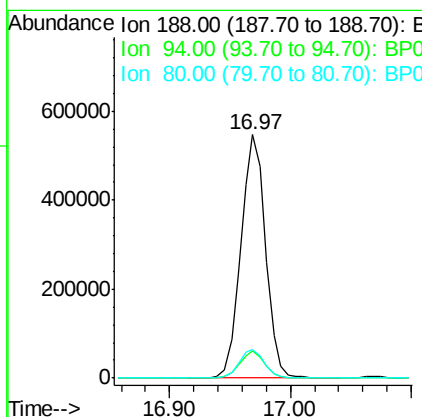
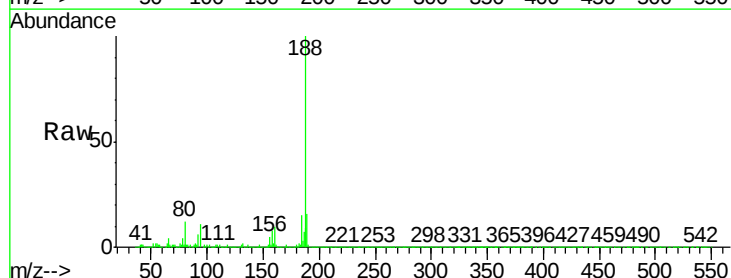
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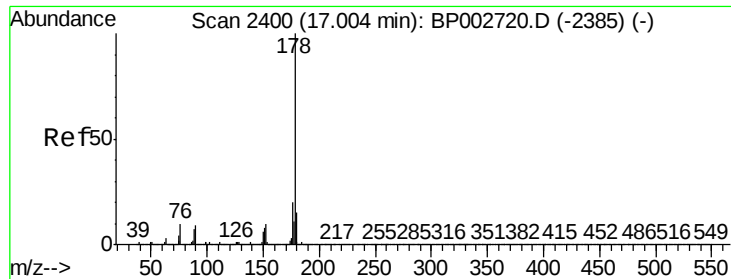
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2394
Delta R.T. 0.00 min
Lab File: BP002761.D
Acq: 15 Jul 2020 19:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.1	12.1
80	11.7	8.9	13.3





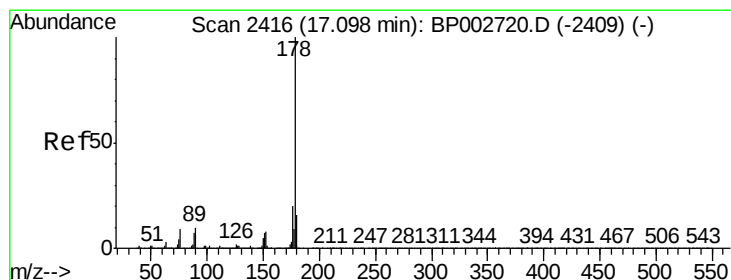
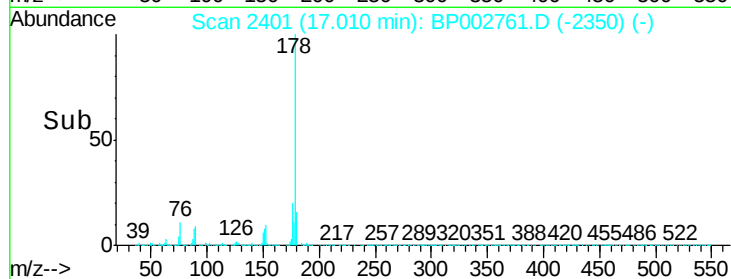
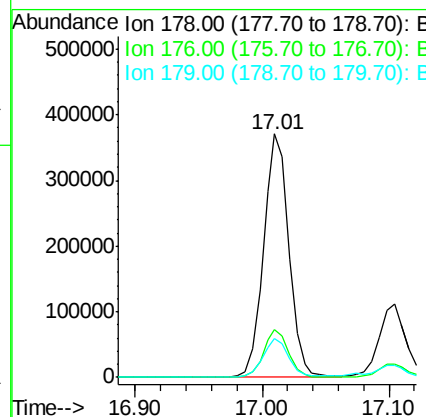
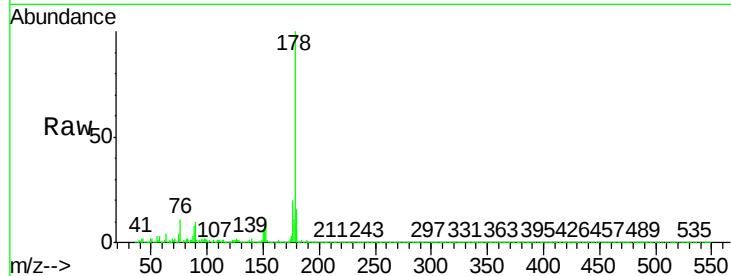
#71
Phenanthrene
Concen: 12.218 ng
RT: 17.01 min Scan# 2401
Delta R.T. 0.00 min
Lab File: BP002761.D
Acq: 15 Jul 2020 19:03

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-058-B

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	16.1	12.3	18.5

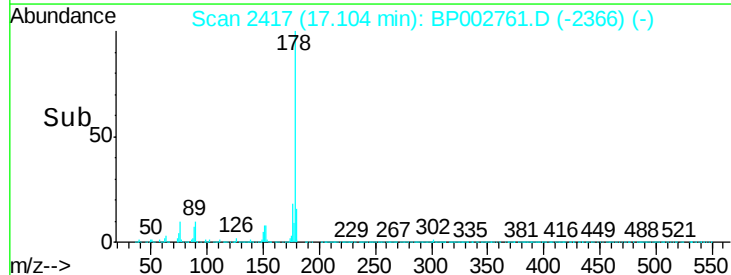
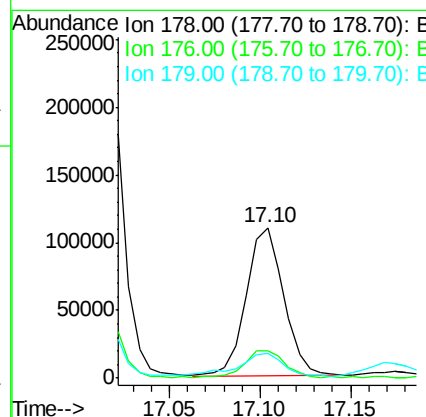
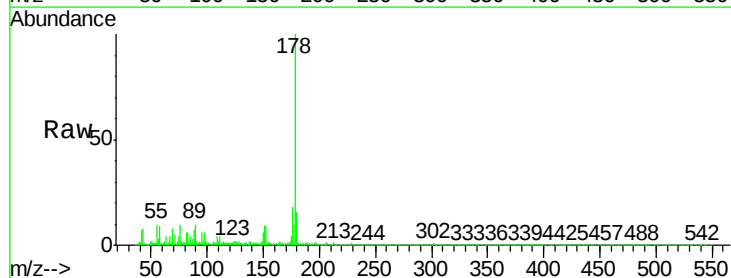
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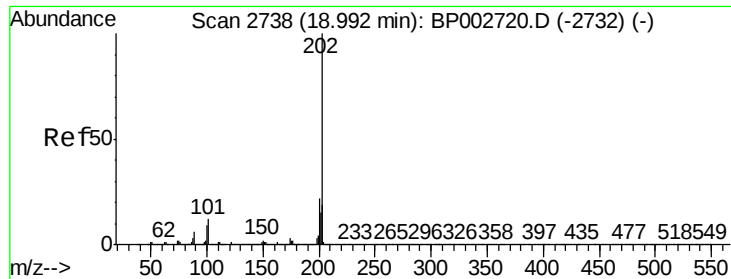
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#72
Anthracene
Concen: 3.778 ng
RT: 17.10 min Scan# 2417
Delta R.T. 0.00 min
Lab File: BP002761.D
Acq: 15 Jul 2020 19:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.6	23.4
179	16.3	12.6	19.0





#75

Fluoranthene

Concen: 16.107 ng

RT: 19.00 min Scan# 2739

Delta R.T. 0.00 min

Lab File: BP002761.D

Acq: 15 Jul 2020 19:03

Instrument :

BNA_P

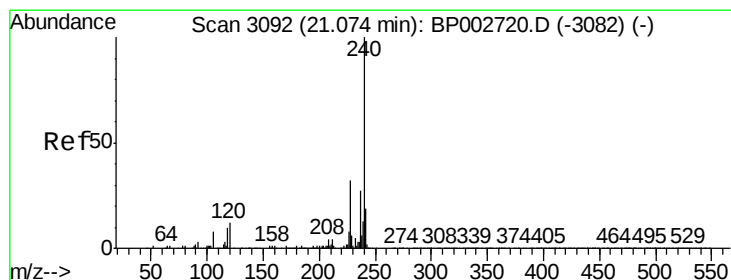
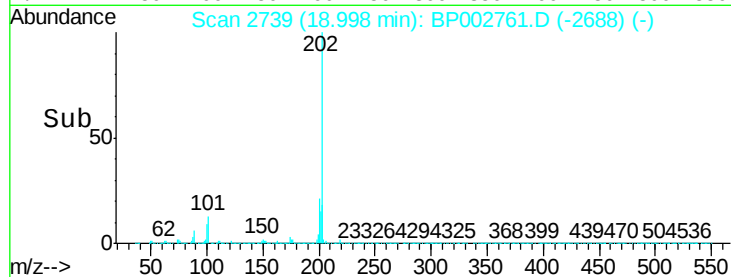
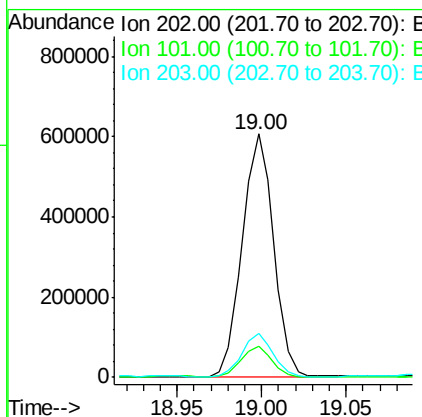
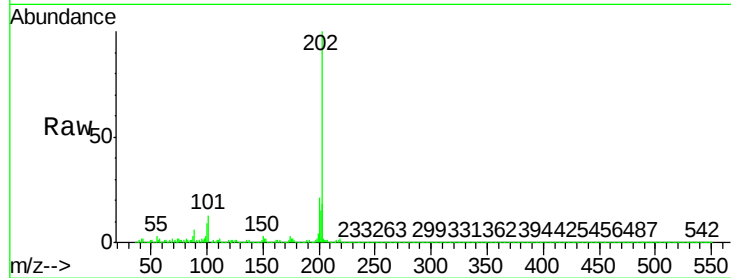
ClientSampleId :

FK-GF-02-058-B

Tot Ion	Ion	Ratio	Resp Lower	Resp Upper
202	100			
101	12.7	0.0	32.5	
203	18.2	0.0	38.6	

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#76

Chrysene-d12

Concen: 20.000 ng

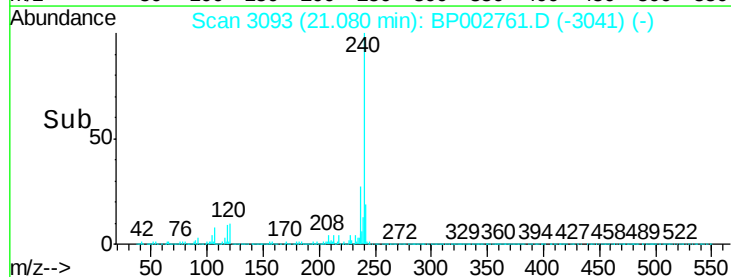
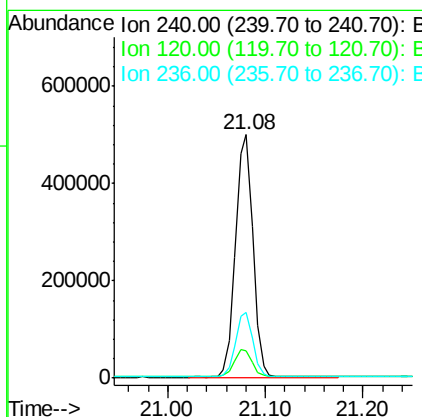
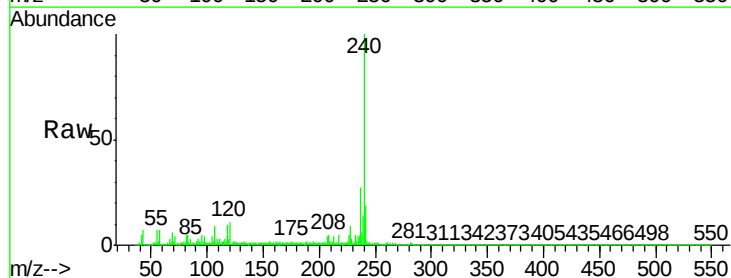
RT: 21.08 min Scan# 3093

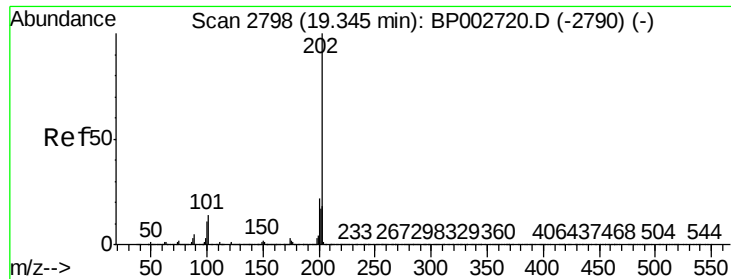
Delta R.T. 0.01 min

Lab File: BP002761.D

Acq: 15 Jul 2020 19:03

Tgt Ion	Ion	Ratio	Resp Lower	Resp Upper
240	100			
120	11.1	9.4	14.2	
236	27.2	21.3	31.9	





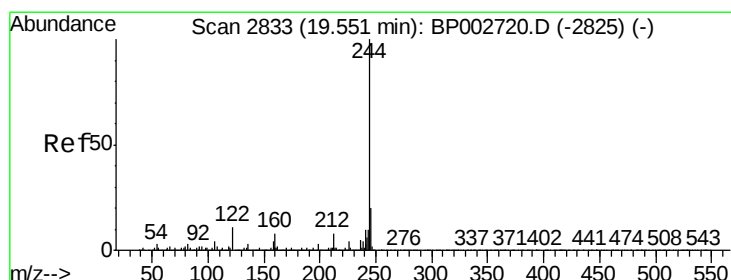
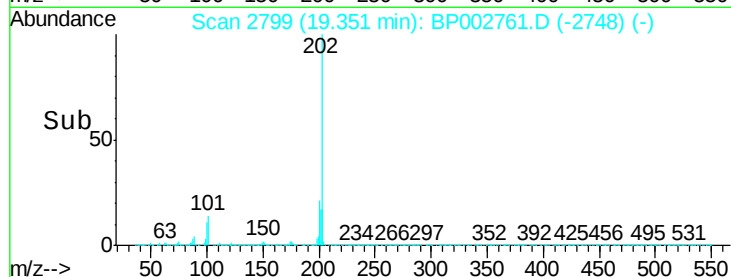
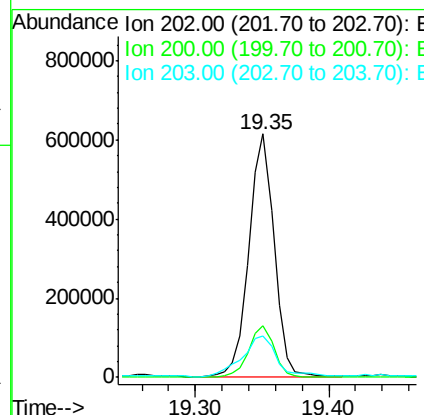
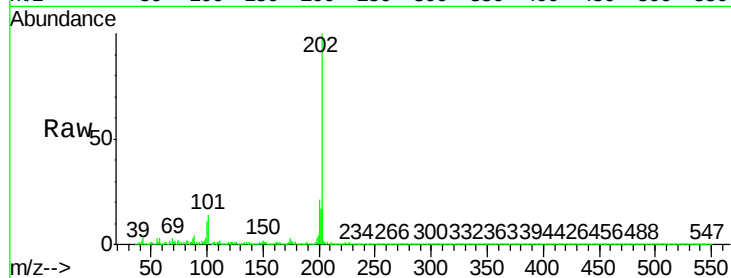
#78
Pvrene
Concen: 18.598 ng
RT: 19.35 min Scan# 2799
Delta R.T. 0.00 min
Lab File: BP002761.D
Acq: 15 Jul 2020 19:03

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-058-B

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.0	17.7	26.5
203	17.1	14.5	21.7

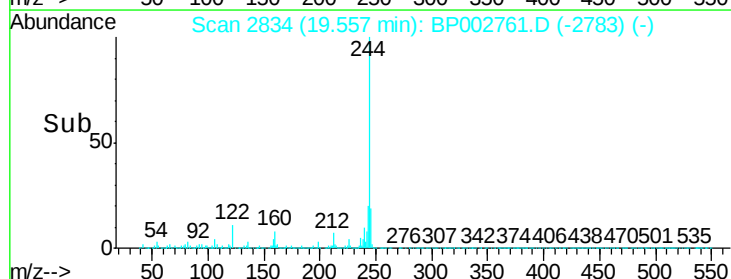
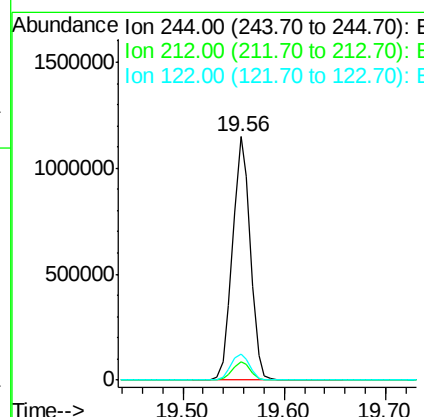
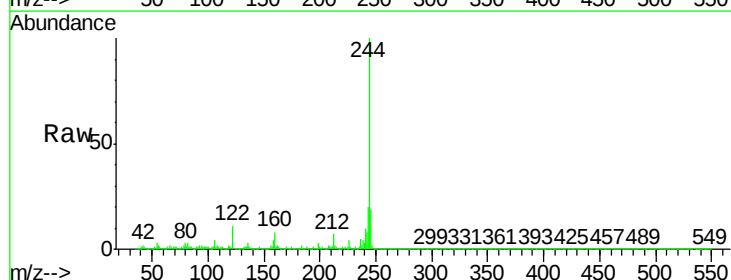
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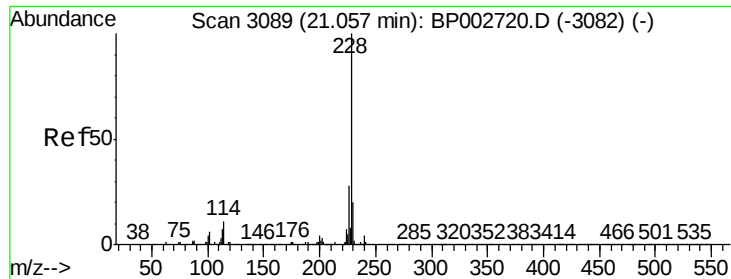
mohammad
7/16/2020 11:07:23 AM



#79
Terphenyl-d14
Concen: 51.673 ng
RT: 19.56 min Scan# 2834
Delta R.T. 0.00 min
Lab File: BP002761.D
Acq: 15 Jul 2020 19:03

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.3	6.0	9.0
122	10.9	8.9	13.3





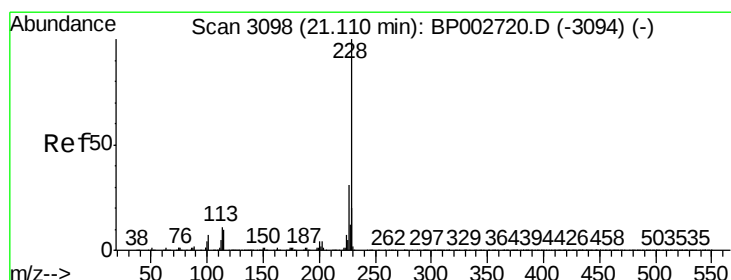
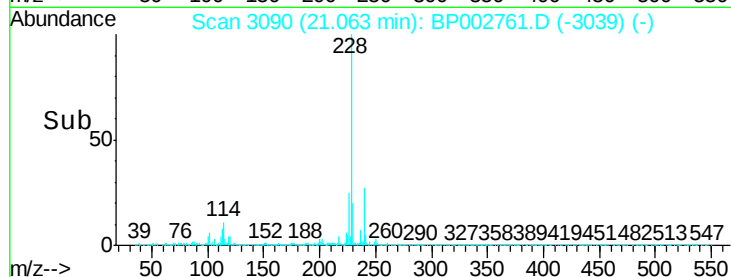
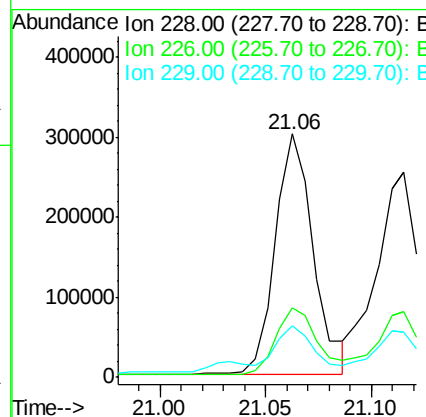
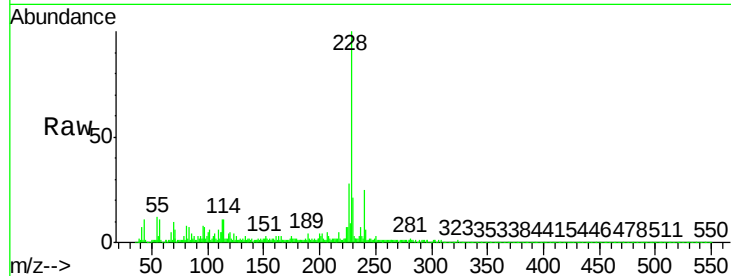
#81
Benzo(a)anthracene
Concen: 9.413 ng
RT: 21.06 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BP002761.D
Acq: 15 Jul 2020 19:03

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-058-B

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	34.0
229	21.3	16.0	24.0

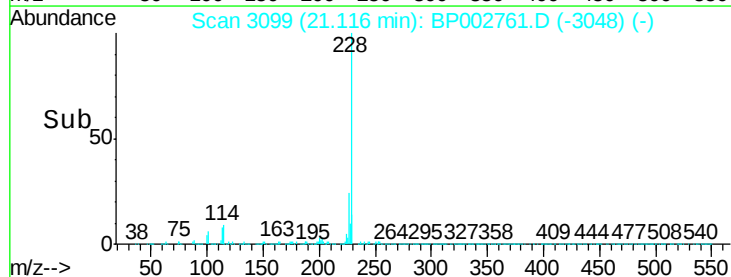
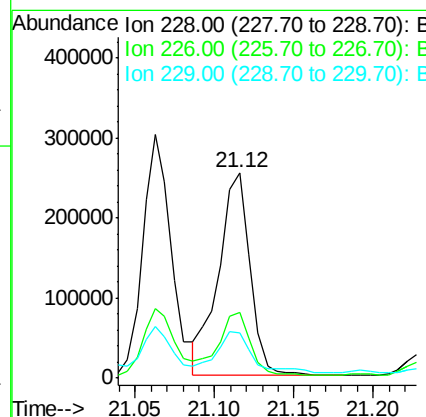
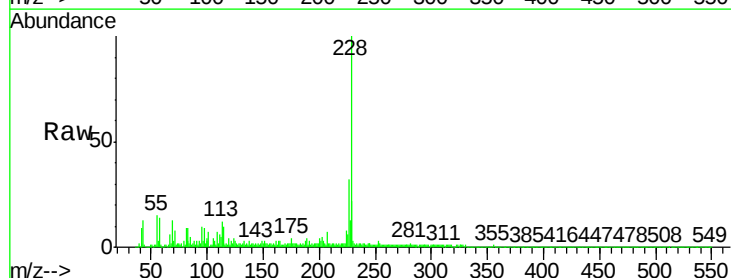
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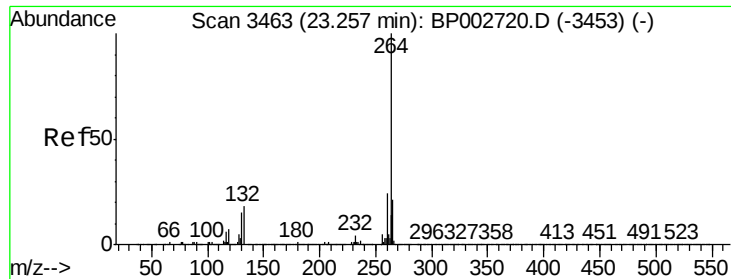
mohammad
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#83
Chrysene
Concen: 9.164 ng
RT: 21.12 min Scan# 3099
Delta R.T. 0.00 min
Lab File: BP002761.D
Acq: 15 Jul 2020 19:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.6	37.0
229	21.9	15.7	23.5





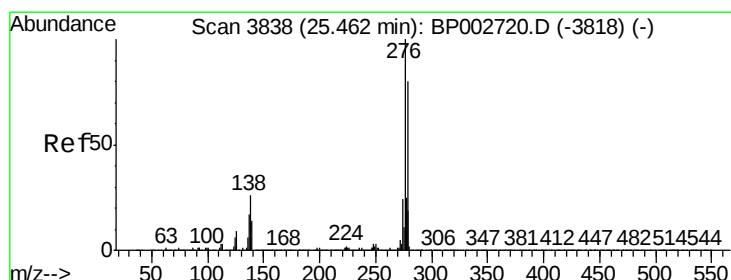
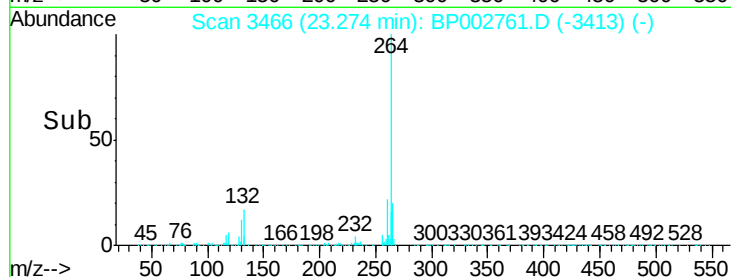
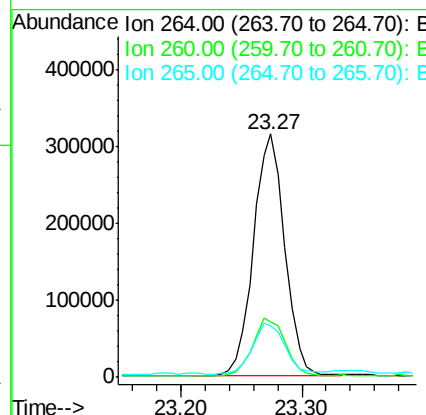
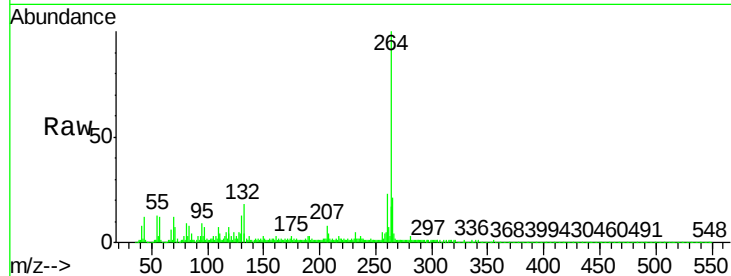
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.27 min Scan# 3466
Delta R.T. 0.01 min
Lab File: BP002761.D
Acq: 15 Jul 2020 19:03

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-058-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.3	28.9
265	21.0	16.8	25.2

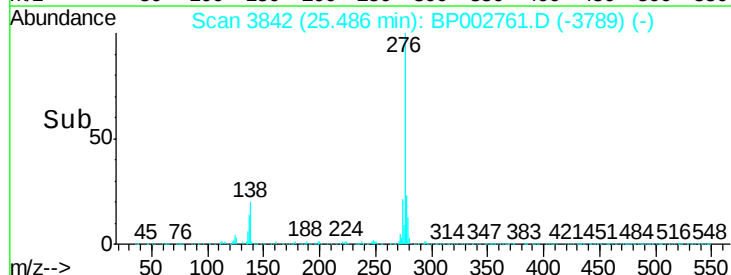
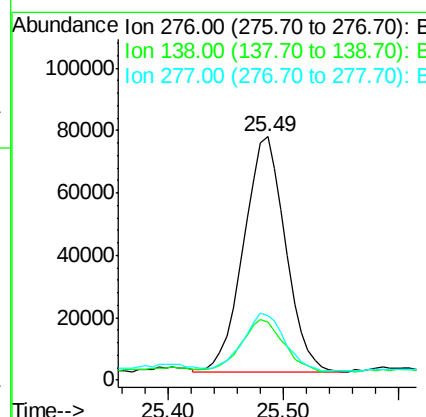
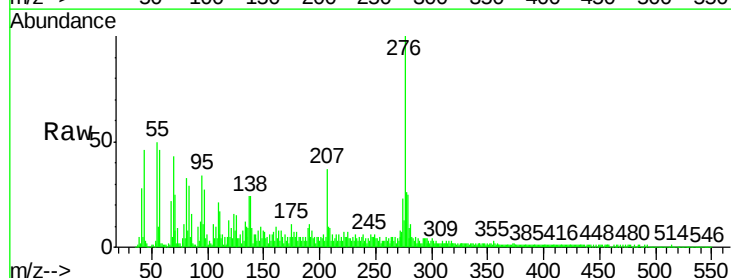
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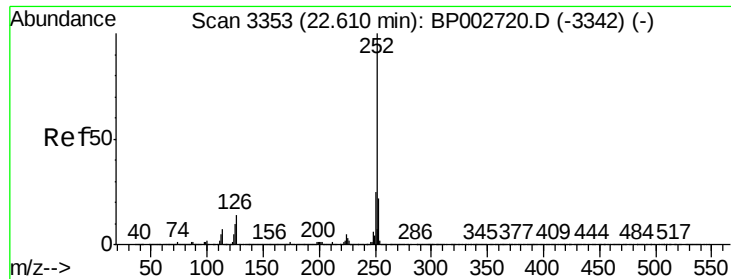
mohammad
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#87
Indeno(1,2,3-cd)pyrene
Concen: 4.643 ng
RT: 25.49 min Scan# 3842
Delta R.T. 0.01 min
Lab File: BP002761.D
Acq: 15 Jul 2020 19:03

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.1	20.8	31.2
277	24.9	20.0	30.0





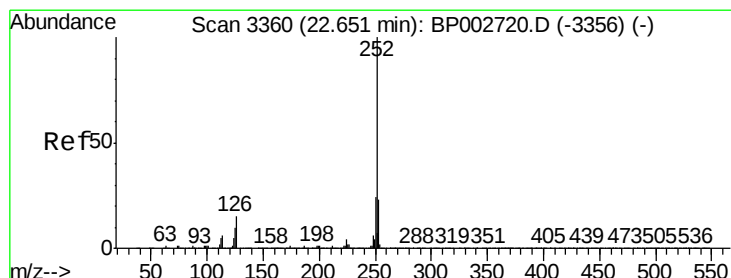
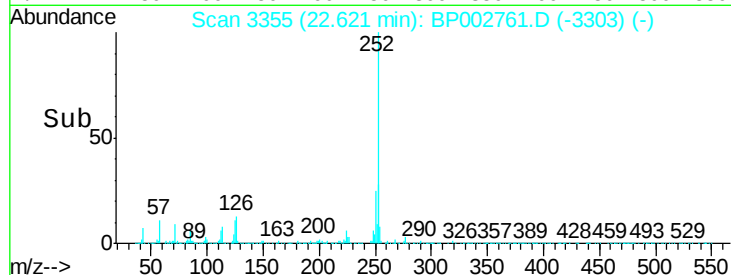
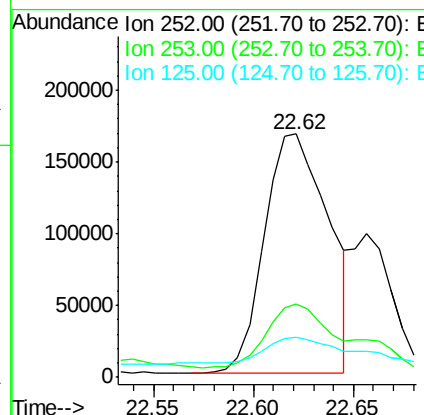
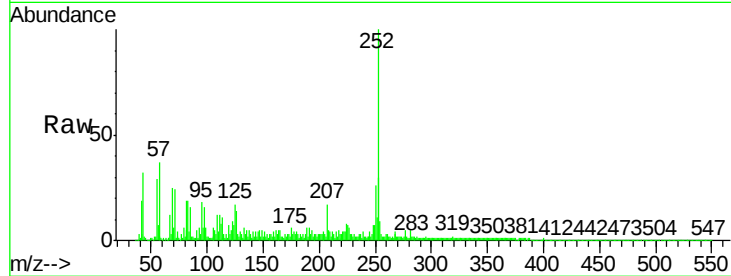
#88
Benzo(b)fluoranthene
Concen: 10.643 ng m
RT: 22.62 min Scan# 3353
Delta R.T. 0.01 min
Lab File: BP002761.D
Acq: 15 Jul 2020 19:03

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-058-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.9	17.7	26.5#
125	16.6	8.2	12.2#

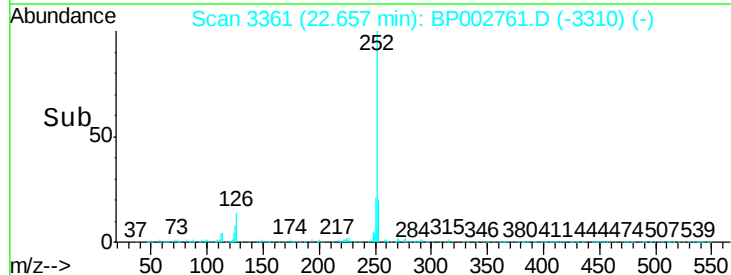
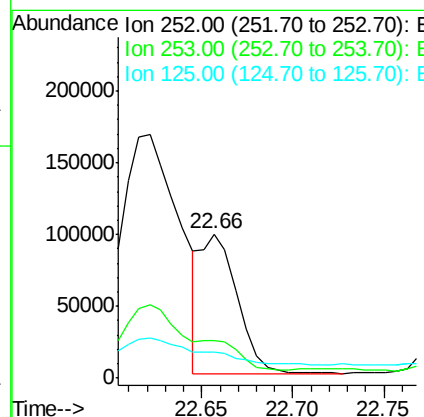
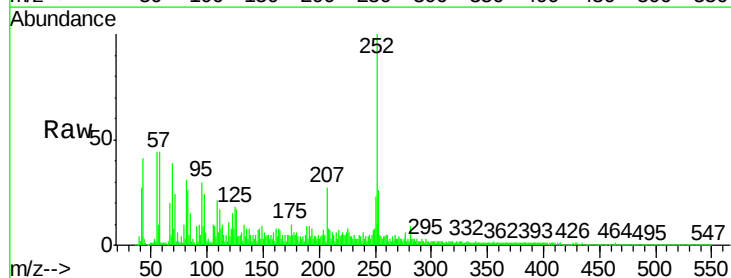
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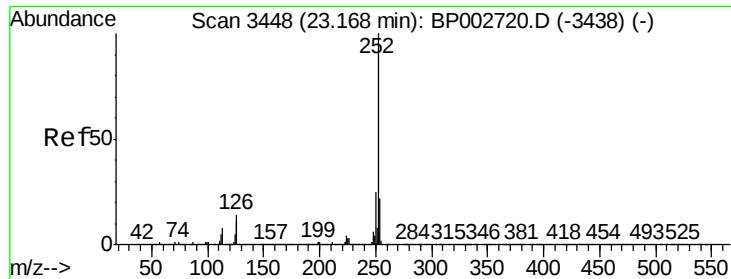
mohammad
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#89
Benzo(k)fluoranthene
Concen: 3.862 ng m
RT: 22.66 min Scan# 3361
Delta R.T. 0.00 min
Lab File: BP002761.D
Acq: 15 Jul 2020 19:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.8	26.8
125	17.9	8.3	12.5#





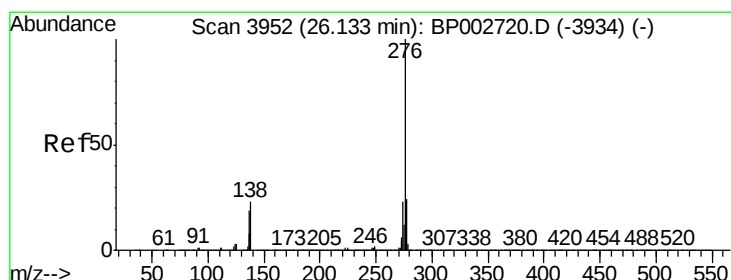
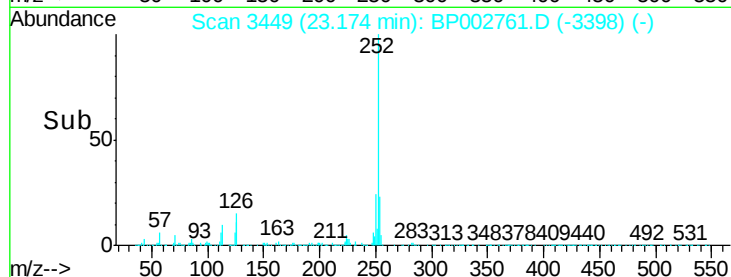
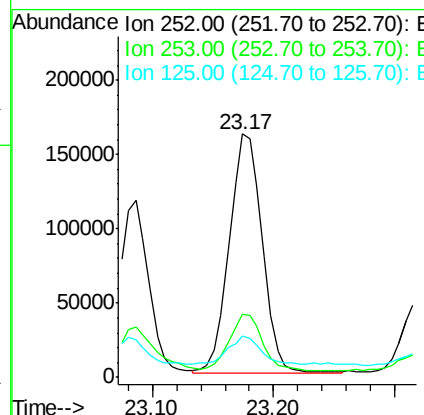
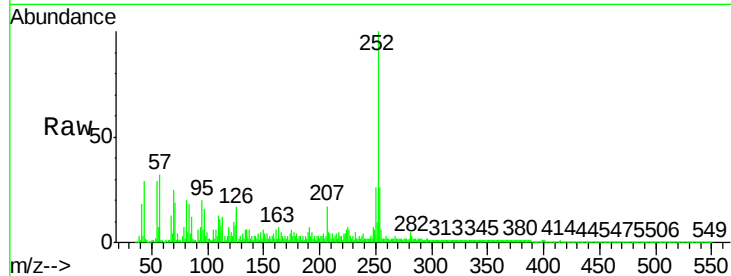
#90
Benzo(a)pyrene
Concen: 9.066 ng
RT: 23.17 min Scan# 3449
Delta R.T. 0.00 min
Lab File: BP002761.D
Acq: 15 Jul 2020 19:03

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-058-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.6	26.4
125	17.0	8.6	13.0

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 5.986 ng
RT: 26.16 min Scan# 3957
Delta R.T. 0.02 min
Lab File: BP002761.D
Acq: 15 Jul 2020 19:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.0	19.1	28.7
138	23.6	18.3	27.5

