

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
 Data File : BP002755.D
 Acq On : 15 Jul 2020 15:39
 Operator : CG/JU
 Sample : L3304-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
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mohammad
 7/16/2020 11:07:15 AM

Quant Time: Jul 16 01:45:57 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	146044	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	607810	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	377846	20.00	ng	-0.01
64) Phenanthrene-d10	16.96	188	814186	20.00	ng	-0.01
76) Chrysene-d12	21.07	240	740222	20.00	ng	0.00
86) Perylene-d12	23.26	264	716487	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	471952	54.52	ng	0.00
7) Phenol-d6	6.75	99	666503	53.95	ng	0.00
23) Nitrobenzene-d5	8.70	82	402772	35.44	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	191119	48.46	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	872572	35.72	ng	0.00
79) Terphenyl-d14	19.55	244	1176454	36.44	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	13.66	163	368996	12.805	ng	99
58) Fluorene	15.26	166	55483	2.169	ng	97
71) Phenanthrene	17.00	178	556373	12.621	ng	99
72) Anthracene	17.09	178	156949	3.628	ng	98
75) Fluoranthene	18.99	202	719992	14.095	ng	99
78) Pyrene	19.34	202	662906	12.971	ng	97
81) Benzo(a)anthracene	21.05	228	319533	6.669	ng	97
83) Chrysene	21.10	228	283167	6.208	ng	98
87) Indeno(1,2,3-cd)pyrene	25.46	276	146064	2.821	ng	98
88) Benzo(b)fluoranthene	22.60	252	327770	7.367	ng	# 93
89) Benzo(k)fluoranthene	22.64	252	108913m	2.485	ng	
90) Benzo(a)pyrene	23.16	252	244329	5.795	ng	# 93
92) Benzo(a,h,i)perylene	26.12	276	152124	3.593	ng	98

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

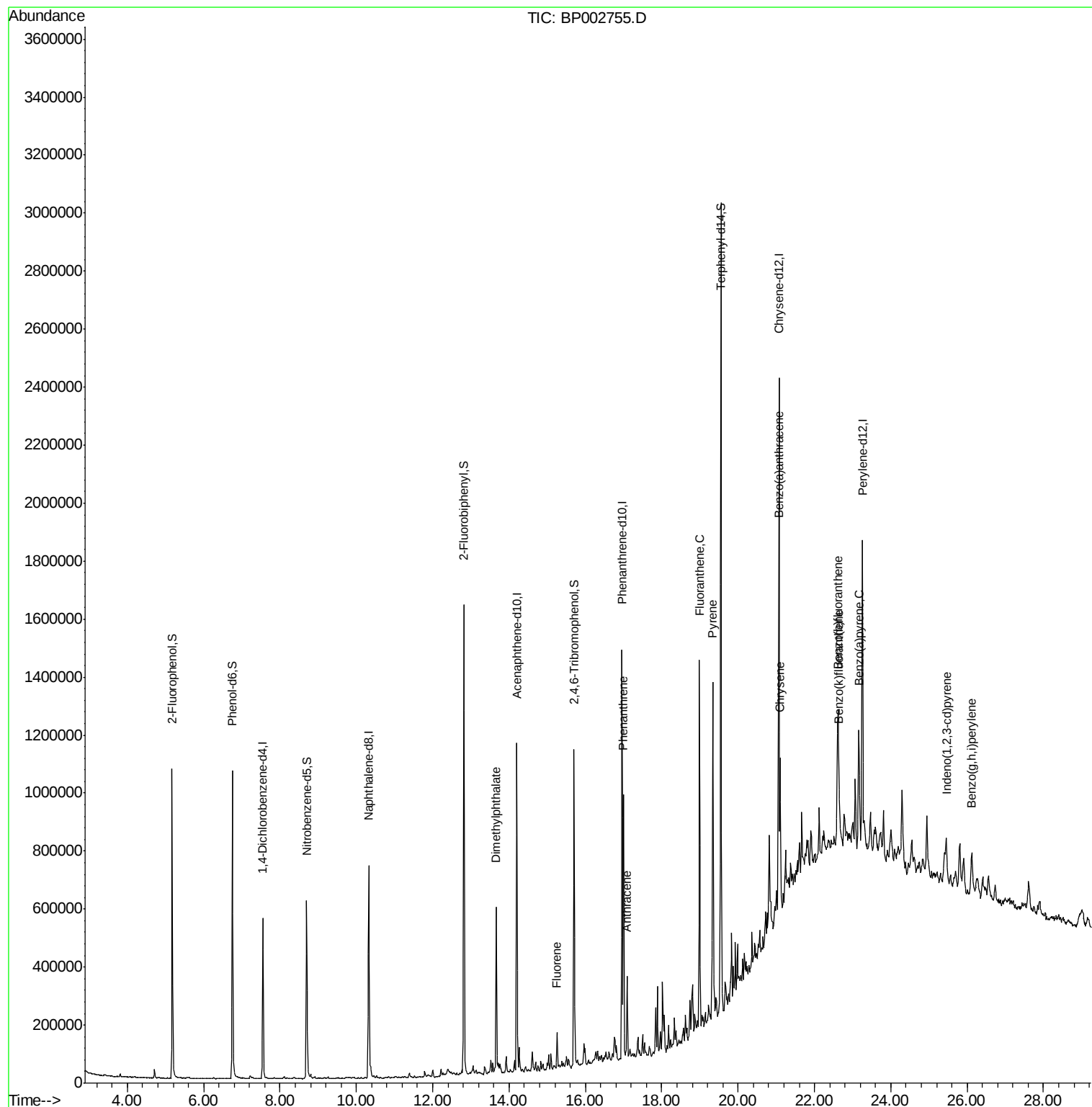
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002755.D
Acq On : 15 Jul 2020 15:39
Operator : CG/JU
Sample : L3304-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

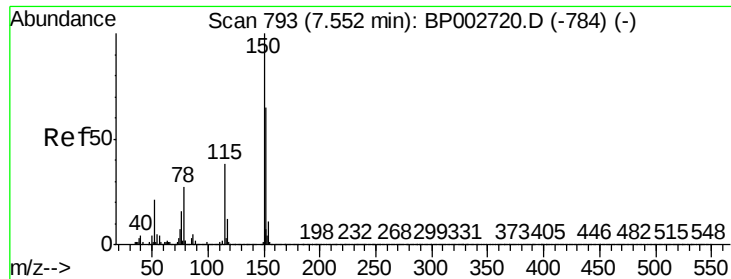
Instrument :
BNA_P
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FK-GF-02-058-A

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Quant Time: Jul 16 01:45:57 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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Response via : Initial Calibration





#1

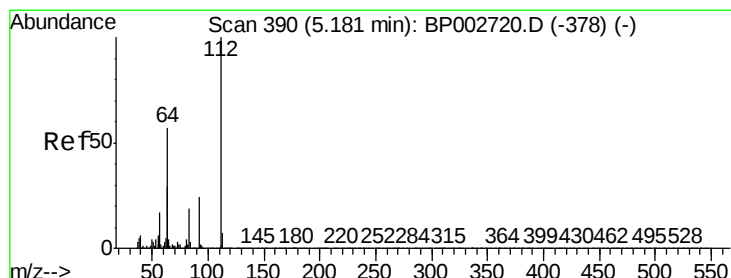
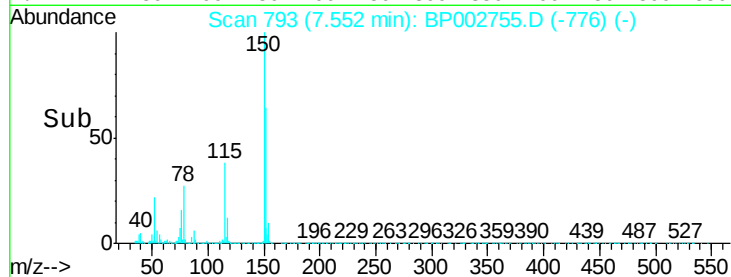
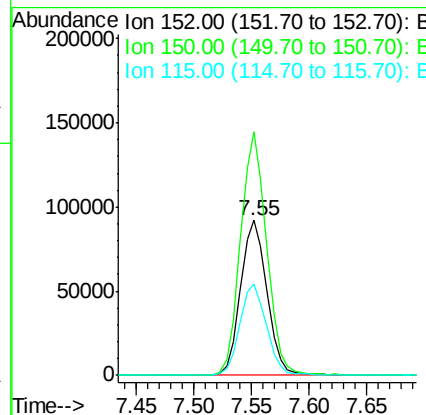
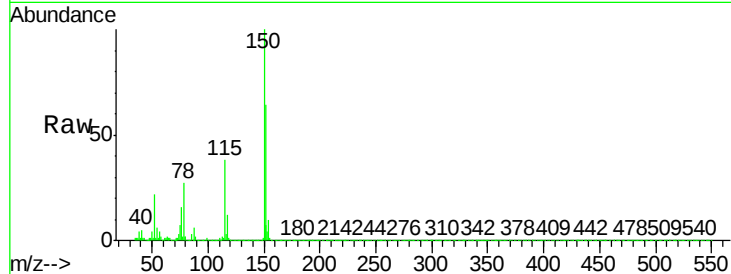
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 793
Delta R.T. 0.00 min
Lab File: BP002755.D
Acq: 15 Jul 2020 15:39

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	123.7	185.5
115	59.1	47.2	70.8

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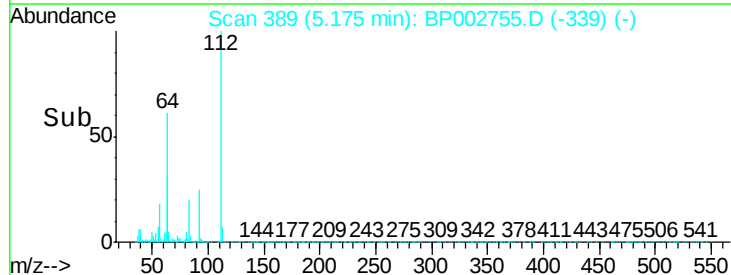
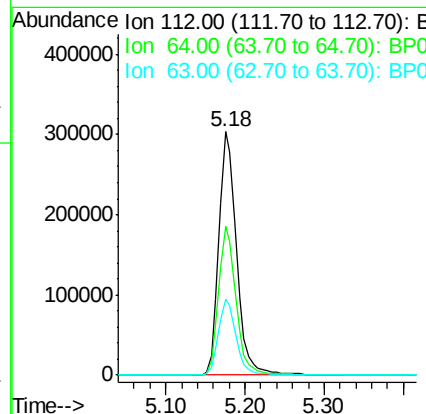
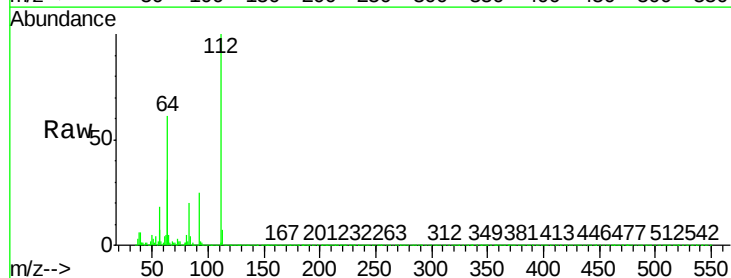
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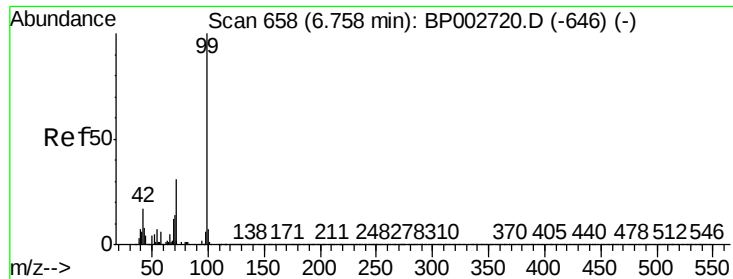


#5

2-Fluorophenol
Concen: 54.523 ng
RT: 5.18 min Scan# 389
Delta R.T. -0.01 min
Lab File: BP002755.D
Acq: 15 Jul 2020 15:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	45.6	68.4
63	31.1	23.5	35.3





#7

Phenol-d6

Concen: 53.952 ng

RT: 6.75 min Scan# 657

Delta R.T. -0.01 min

Lab File: BP002755.D

Acq: 15 Jul 2020 15:39

Instrument :

BNA_P

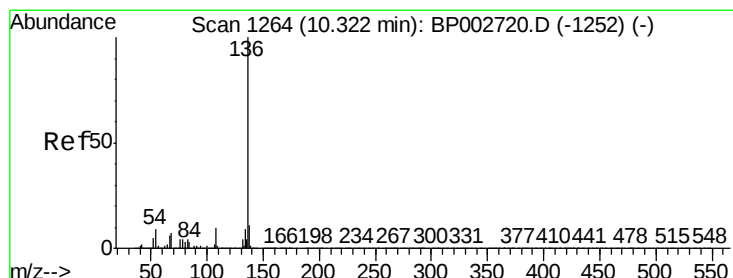
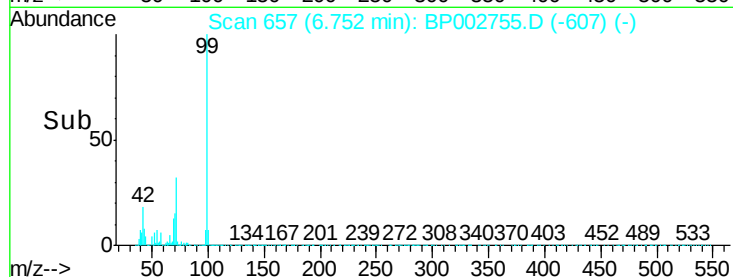
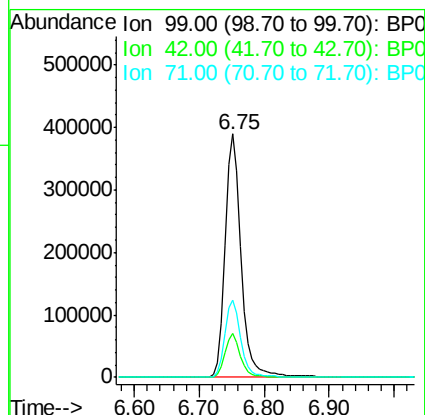
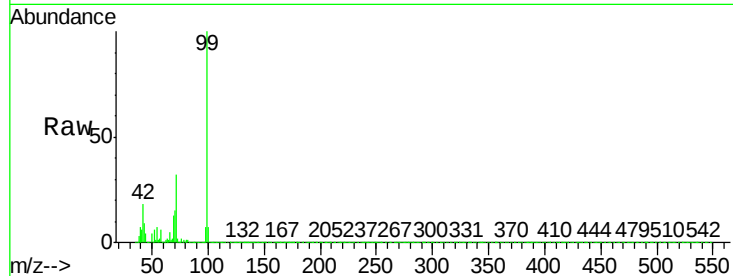
ClientSampled :

FK-GF-02-058-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		666503		
42	17.9	13.4	20.2		
71	31.7	24.6	36.8		

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#21

Naphthalene-d8

Concen: 20.000 ng

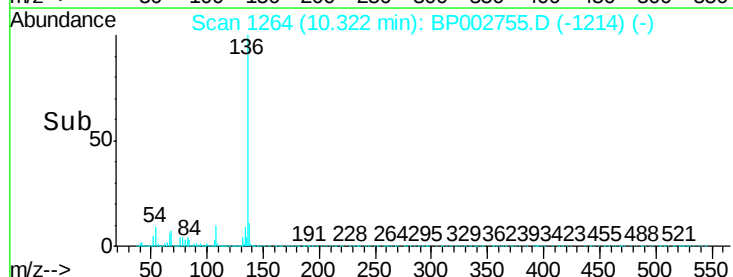
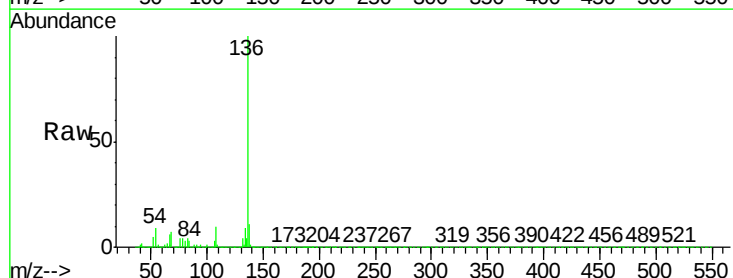
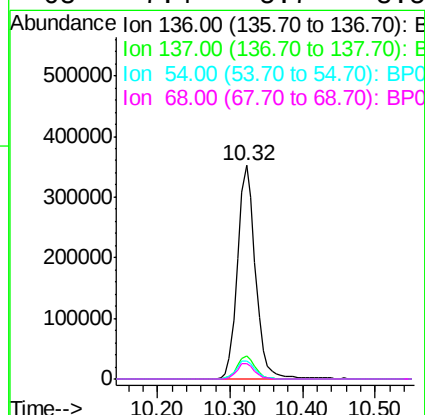
RT: 10.32 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BP002755.D

Acq: 15 Jul 2020 15:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		607810		
137	10.8	8.6	13.0		
54	8.6	6.9	10.3		
68	7.4	5.7	8.5		





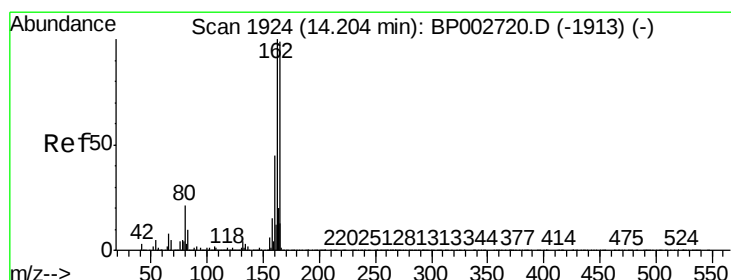
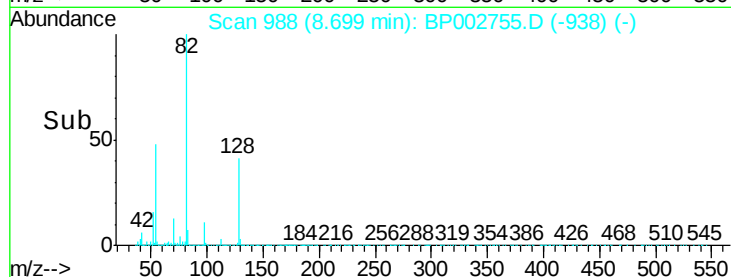
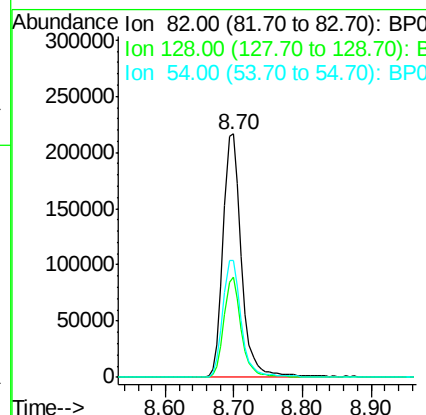
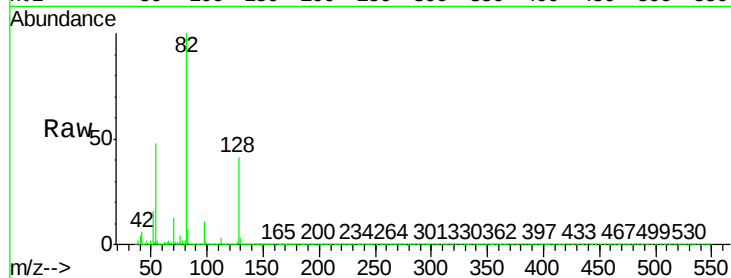
#23
Nitrobenzene-d5
Concen: 35.441 ng
RT: 8.70 min Scan# 988
Delta R.T. -0.01 min
Lab File: BP002755.D
Acq: 15 Jul 2020 15:39

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

Tot Ion	82	Resp	402772
Ion Ratio	Lower	Upper	
82	100		
128	41.3	33.8	50.8
54	48.2	38.8	58.2

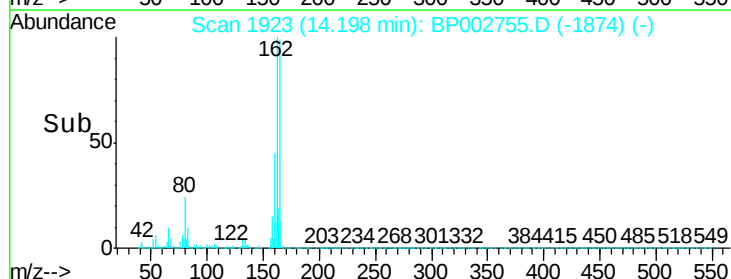
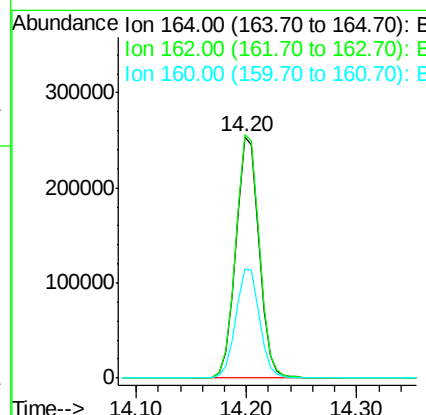
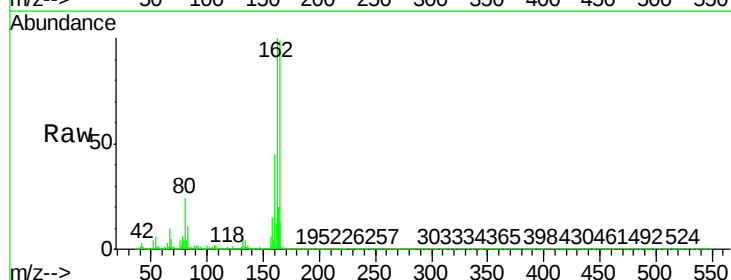
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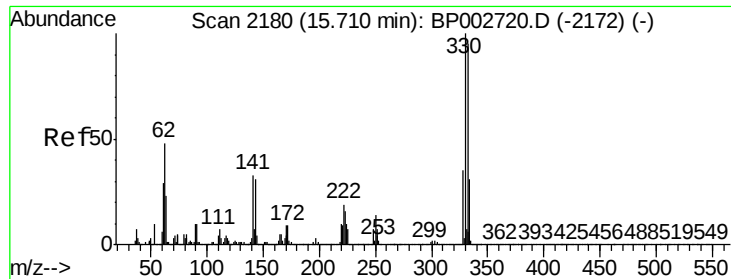
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.20 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BP002755.D
Acq: 15 Jul 2020 15:39

Tgt Ion	164	Resp	377846
Ion Ratio	Lower	Upper	
164	100		
162	100.9	80.6	121.0
160	45.2	36.4	54.6





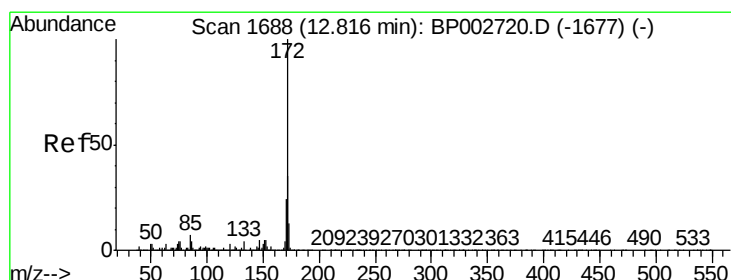
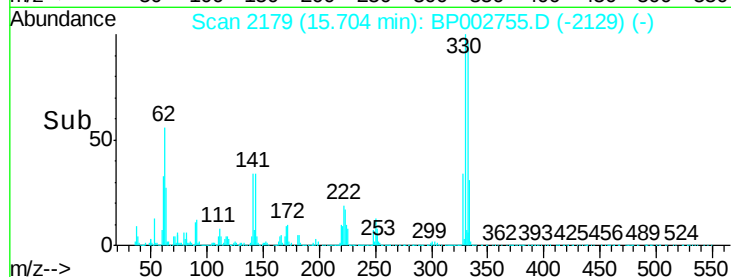
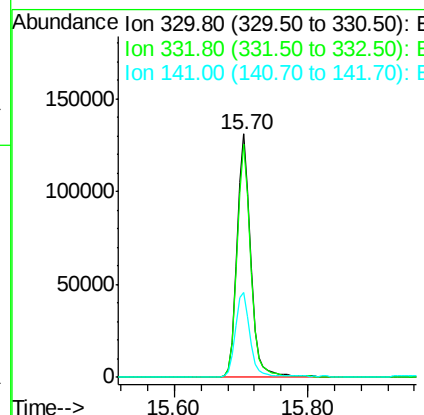
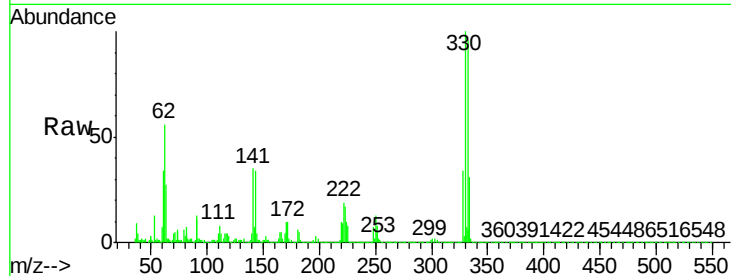
#42
 2,4,6-Tribromophenol
 Concen: 48.457 ng
 RT: 15.70 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BP002755.D
 Acq: 15 Jul 2020 15:39

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100	191119		
332	96.0	76.5	114.7	
141	37.5	28.8	43.2	

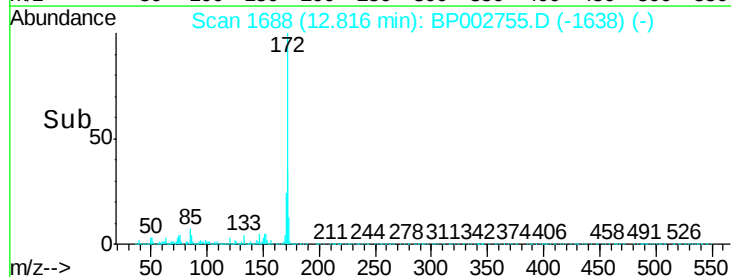
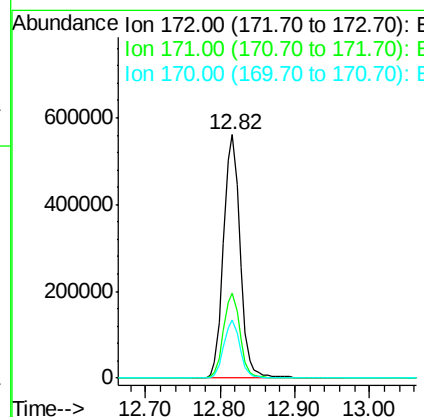
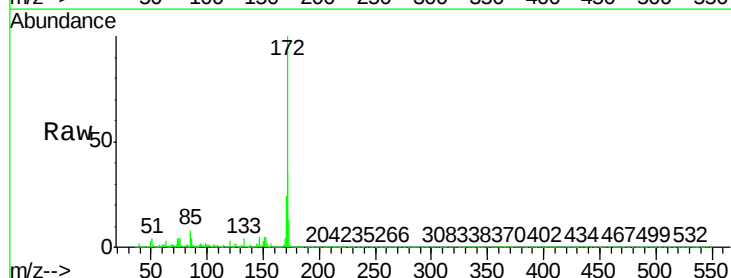
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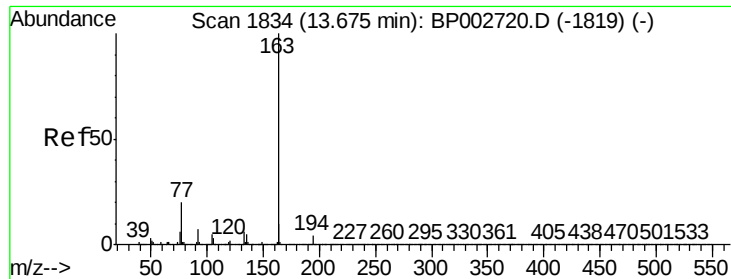
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#45
 2-Fluorobiphenyl
 Concen: 35.725 ng
 RT: 12.82 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BP002755.D
 Acq: 15 Jul 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	872572		
171	34.7	28.1	42.1	
170	23.7	19.3	28.9	





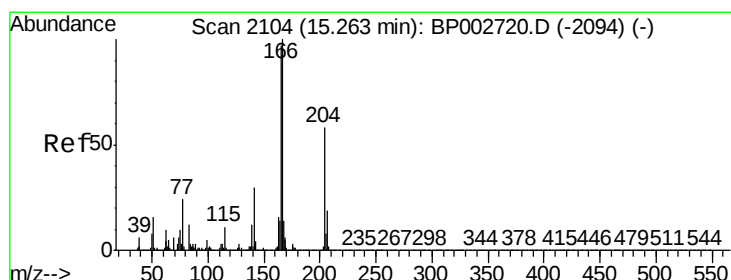
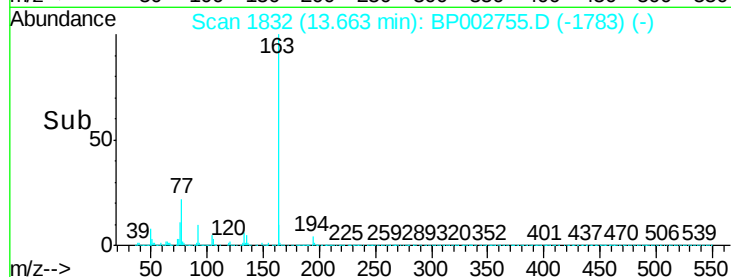
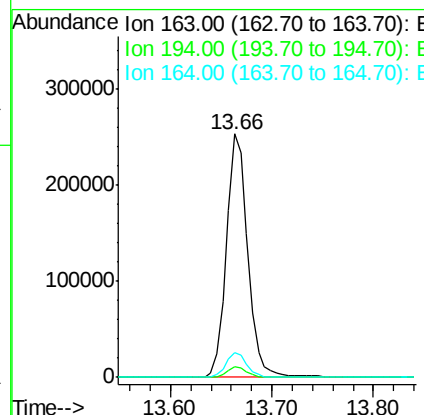
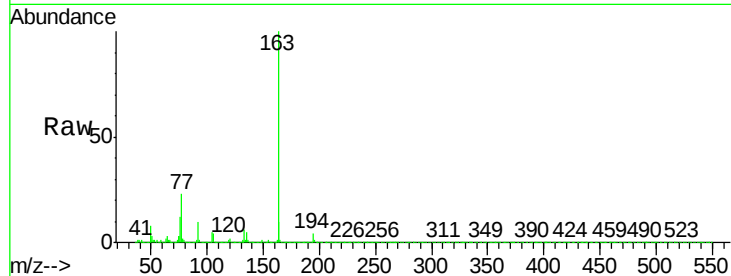
#50
Dimethylphthalate
Concen: 12.805 ng
RT: 13.66 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BP002755.D
Acq: 15 Jul 2020 15:39

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

Tot Ion	Ratio	Resp	Lower	Upper
163	100	368996		
194	4.2		3.4	5.2
164	10.3		7.8	11.8

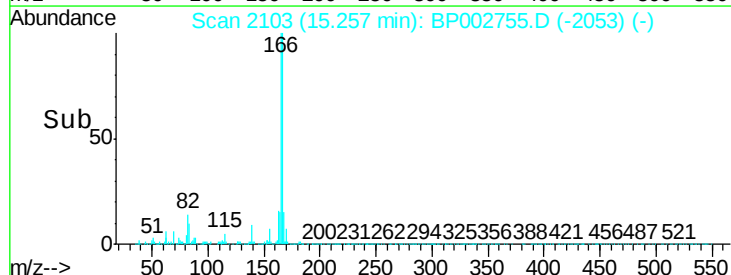
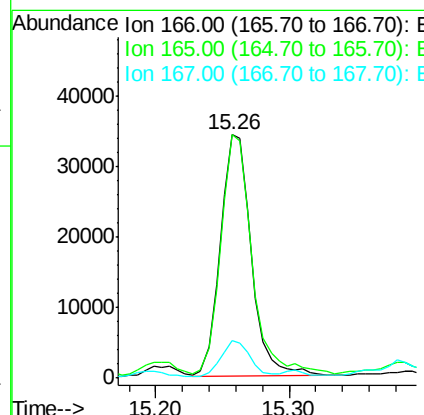
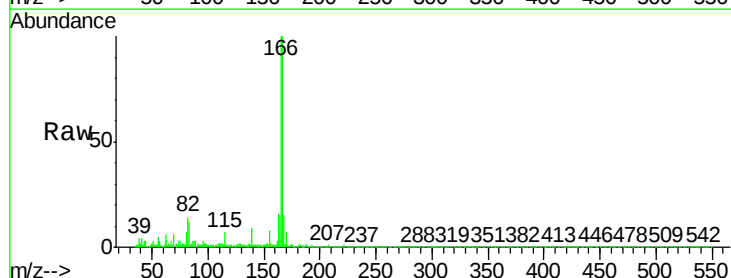
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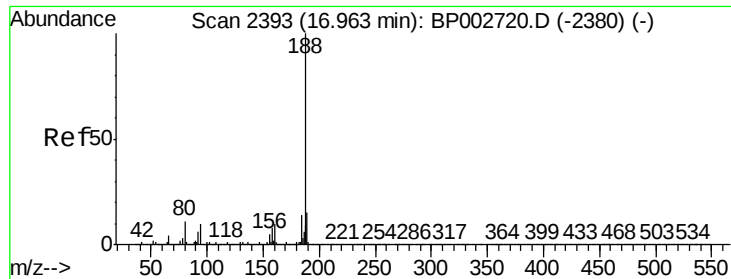
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#58
Fluorene
Concen: 2.169 ng
RT: 15.26 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BP002755.D
Acq: 15 Jul 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	55483		
165	100.1		77.7	116.5
167	15.5		11.0	16.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.96 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BP002755.D

Acq: 15 Jul 2020 15:39

Instrument :

BNA_P

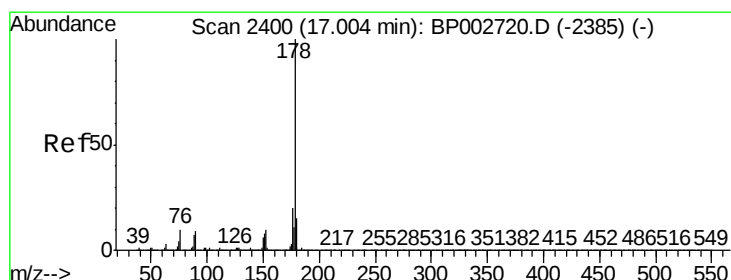
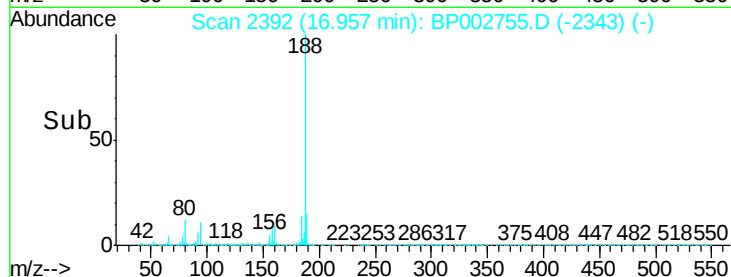
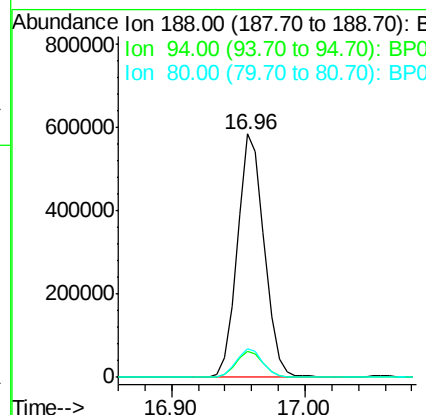
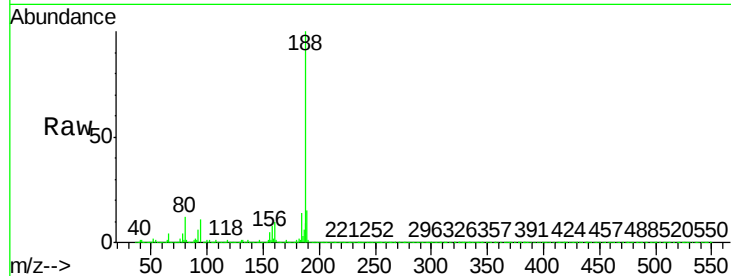
ClientSampleId :

FK-GF-02-058-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
188	100		814186		
94	10.7		8.1	12.1	
80	11.8		8.9	13.3	

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#71

Phenanthrene

Concen: 12.621 ng

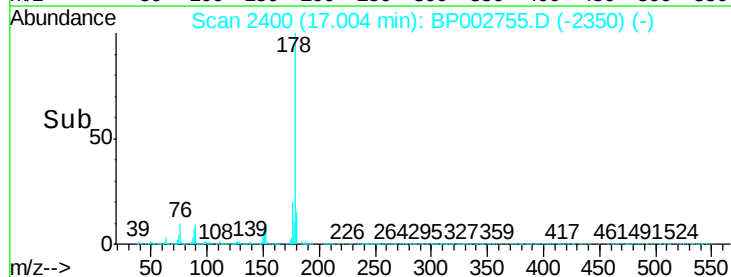
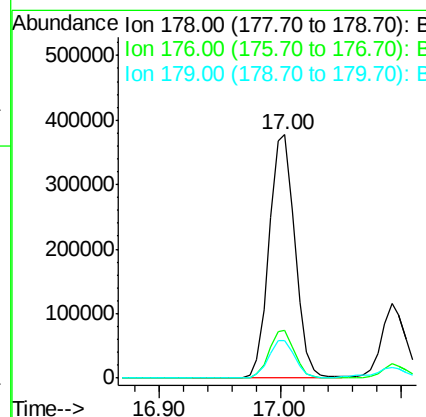
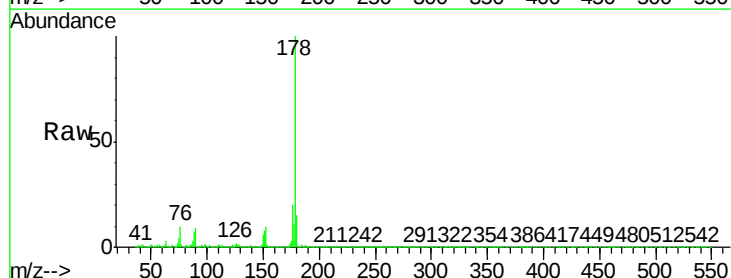
RT: 17.00 min Scan# 2400

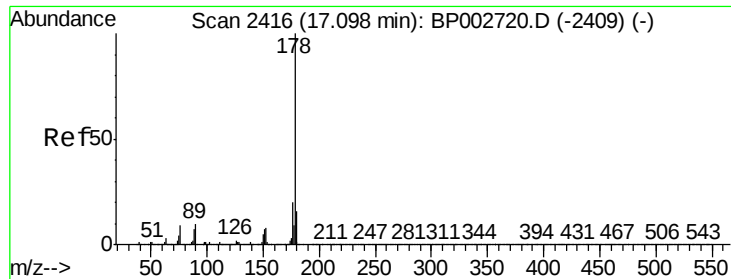
Delta R.T. -0.01 min

Lab File: BP002755.D

Acq: 15 Jul 2020 15:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		556373		
176	19.6		15.9	23.9	
179	15.2		12.3	18.5	





#72

Anthracene

Concen: 3.628 ng

RT: 17.09 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BP002755.D

Acq: 15 Jul 2020 15:39

Instrument :

BNA_P

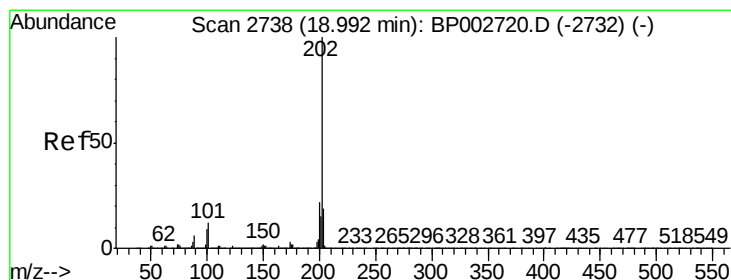
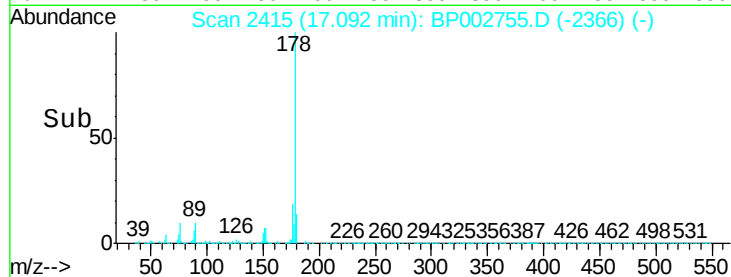
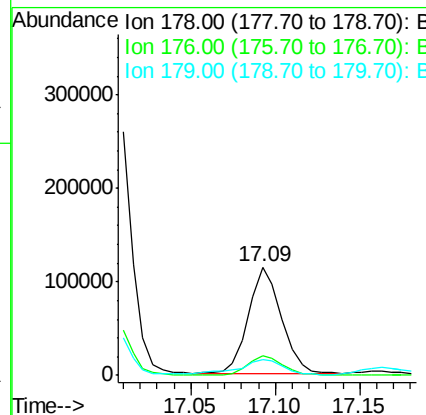
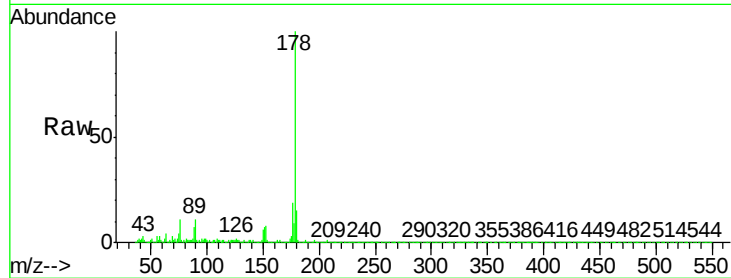
ClientSampleId :

FK-GF-02-058-A

Tot Ion:	178	Resp:	156949
Ion Ratio	Lower	Upper	
178	100		
176	18.7	15.6	23.4
179	14.9	12.6	19.0

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#75

Fluoranthene

Concen: 14.095 ng

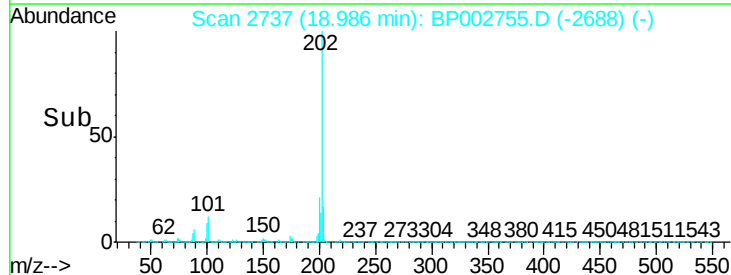
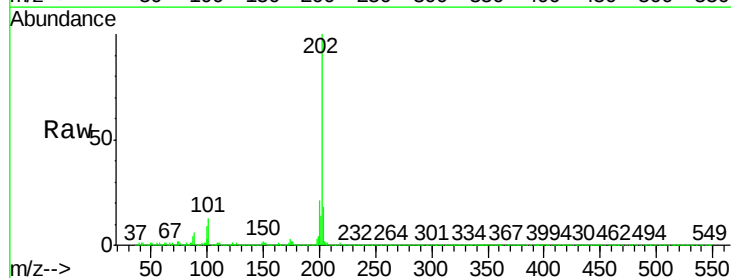
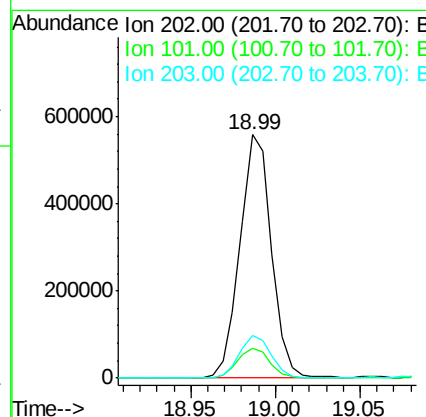
RT: 18.99 min Scan# 2737

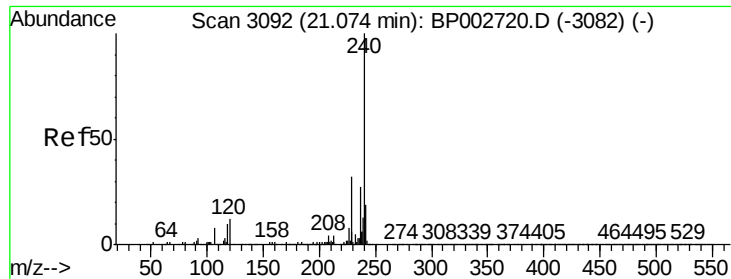
Delta R.T. -0.01 min

Lab File: BP002755.D

Acq: 15 Jul 2020 15:39

Tgt Ion:	202	Resp:	719992
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	32.5
203	17.5	0.0	38.6





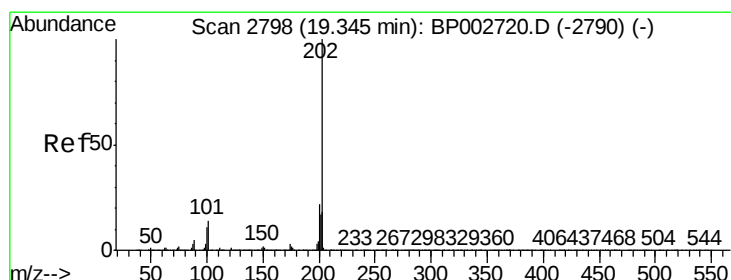
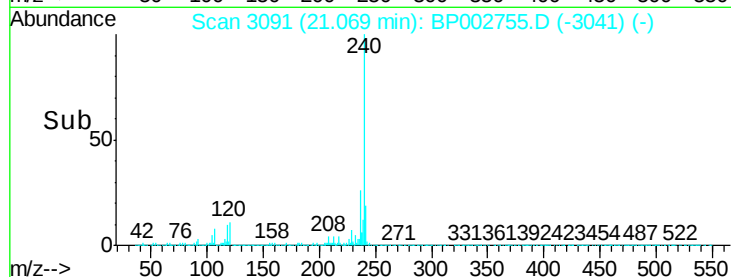
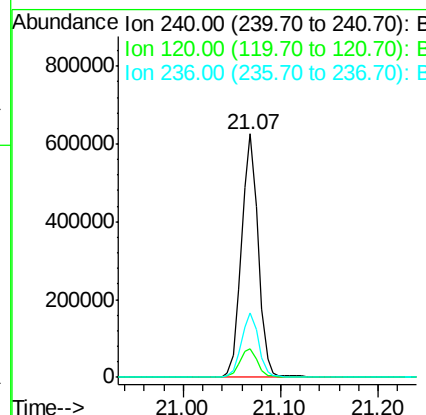
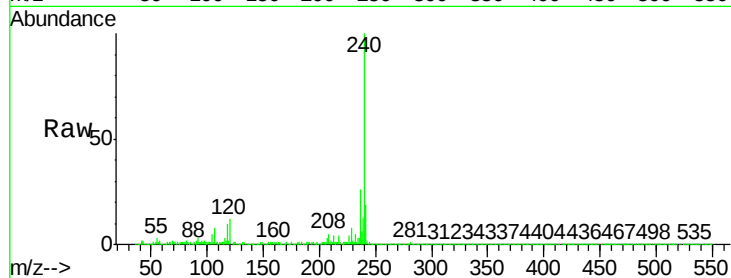
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BP002755.D
Acq: 15 Jul 2020 15:39

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

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	11.6	9.4	14.2
236	26.4	21.3	31.9

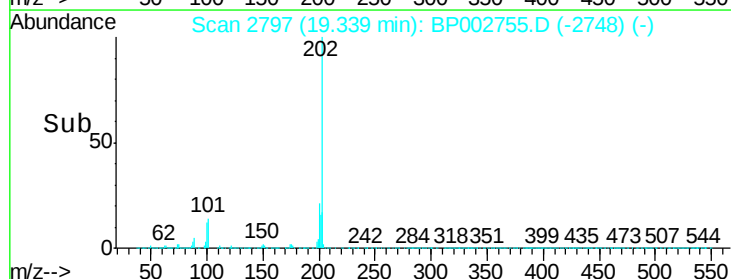
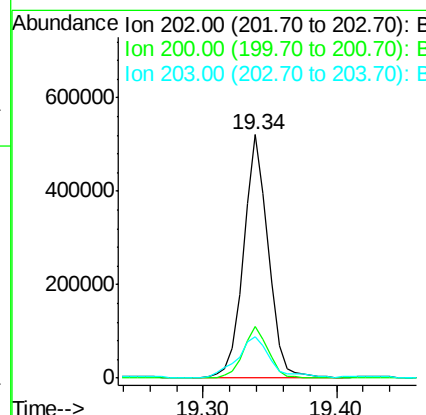
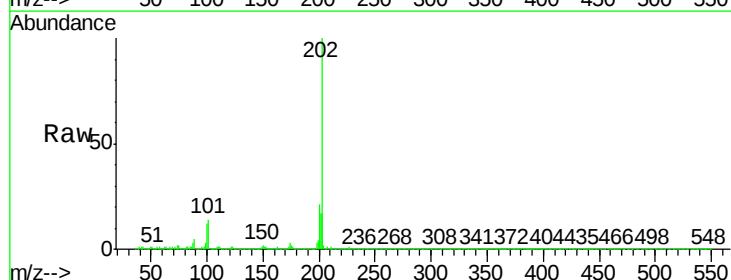
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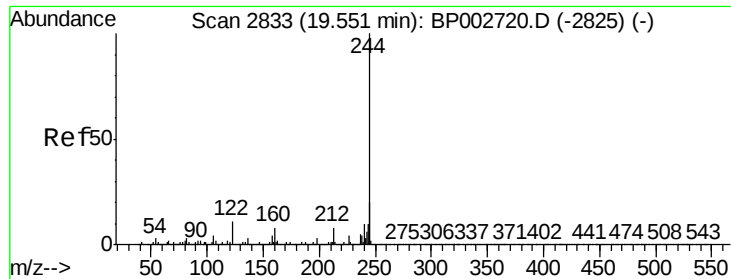
mohammad
7/16/2020 11:07:15 AM



#78
Pyrene
Concen: 12.971 ng
RT: 19.34 min Scan# 2797
Delta R.T. -0.01 min
Lab File: BP002755.D
Acq: 15 Jul 2020 15:39

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	21.0	17.7	26.5
203	16.8	14.5	21.7





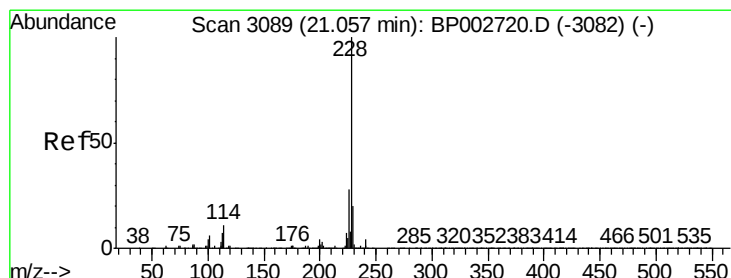
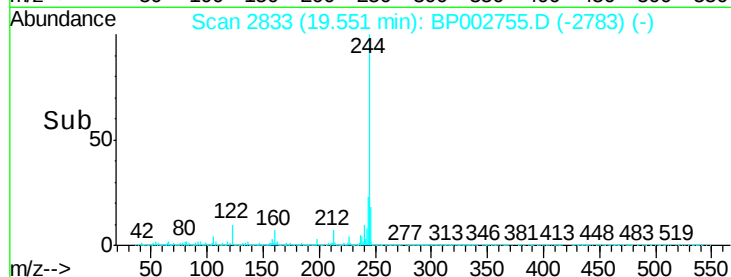
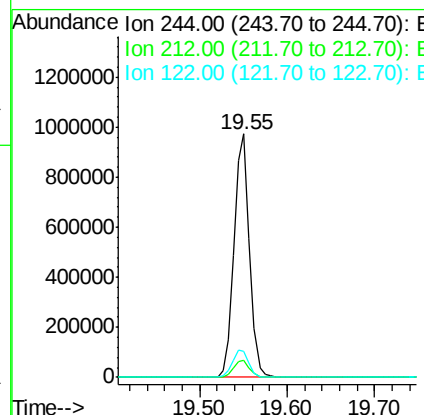
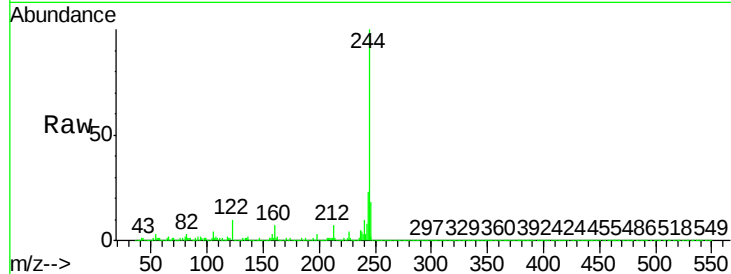
#79
 Terphenyl-d14
 Concen: 36.439 ng
 RT: 19.55 min Scan# 2833
 Delta R.T. -0.01 min
 Lab File: BP002755.D
 Acq: 15 Jul 2020 15:39

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	10.5	8.9	13.3

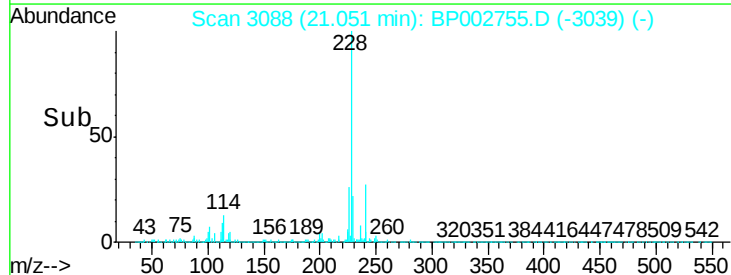
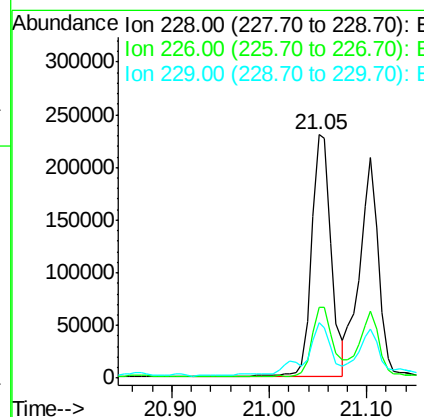
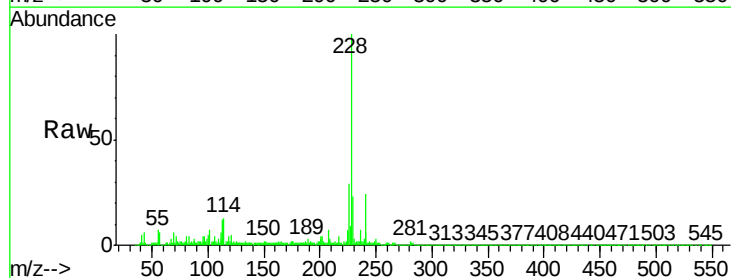
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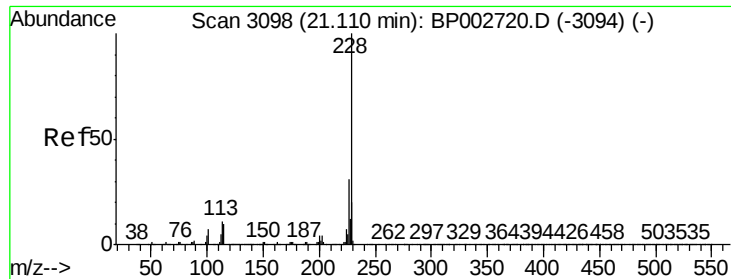
mohammad
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#81
 Benzo(a)anthracene
 Concen: 6.669 ng
 RT: 21.05 min Scan# 3088
 Delta R.T. -0.01 min
 Lab File: BP002755.D
 Acq: 15 Jul 2020 15:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	34.0
229	22.6	16.0	24.0





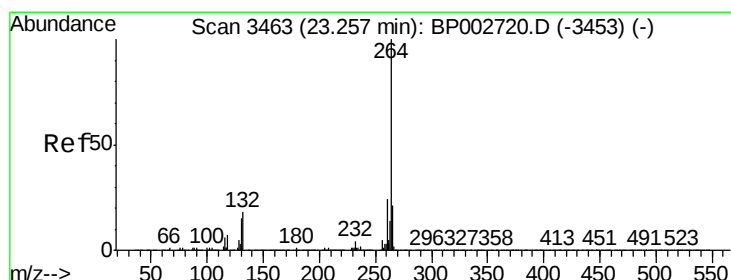
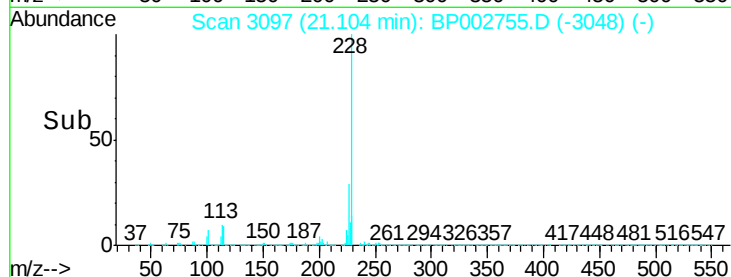
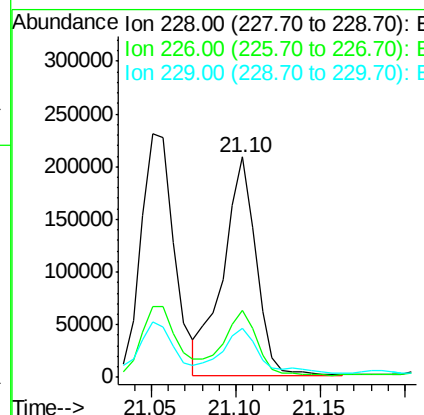
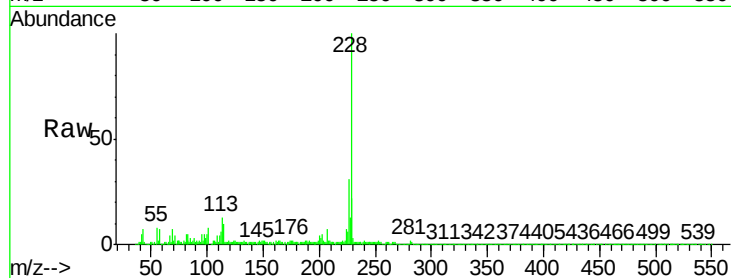
#83
Chrysene
Concen: 6.208 ng
RT: 21.10 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BP002755.D
Acq: 15 Jul 2020 15:39

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.6	37.0
229	22.1	15.7	23.5

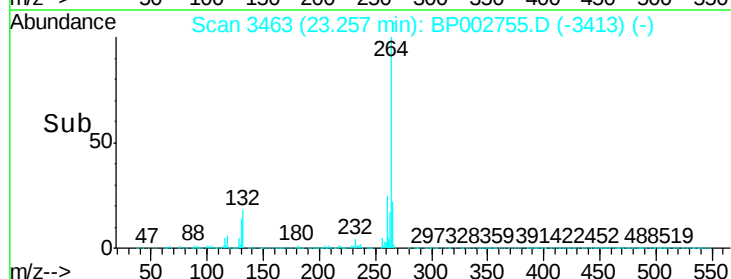
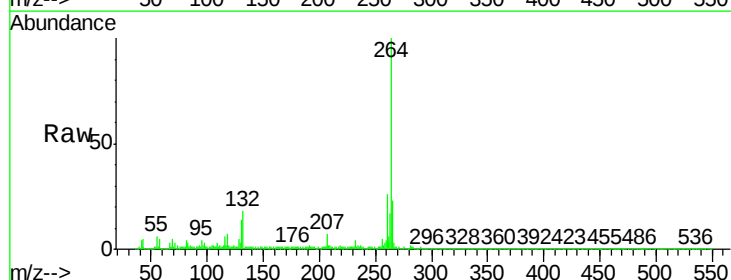
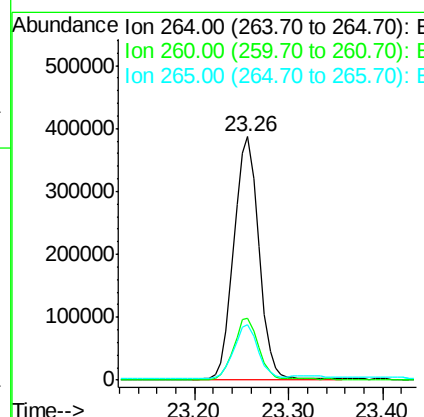
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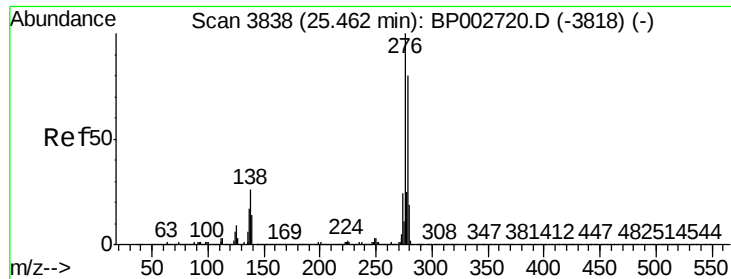
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.26 min Scan# 3463
Delta R.T. -0.01 min
Lab File: BP002755.D
Acq: 15 Jul 2020 15:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.3	28.9
265	22.8	16.8	25.2





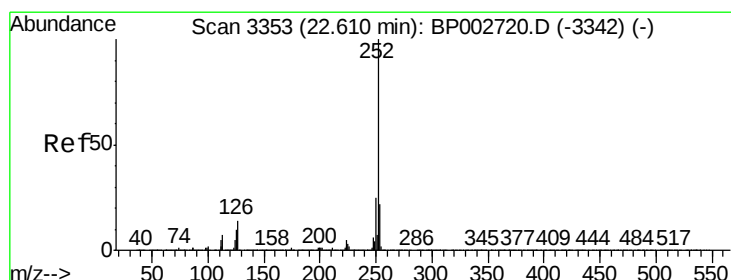
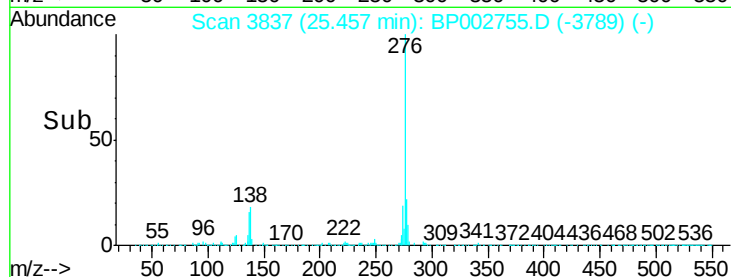
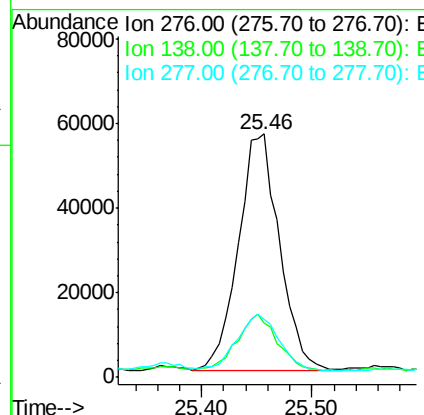
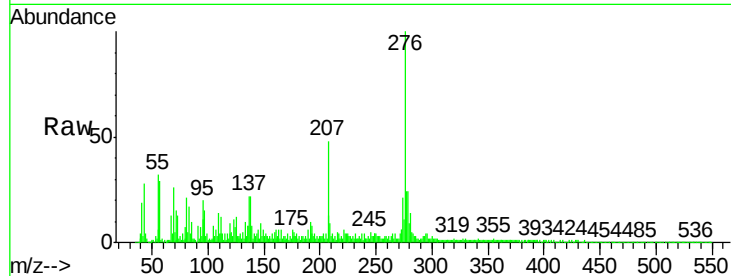
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.821 ng
 RT: 25.46 min Scan# 3837
 Delta R.T. -0.02 min
 Lab File: BP002755.D
 Acq: 15 Jul 2020 15:39

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.0	20.8	31.2
277	24.8	20.0	30.0

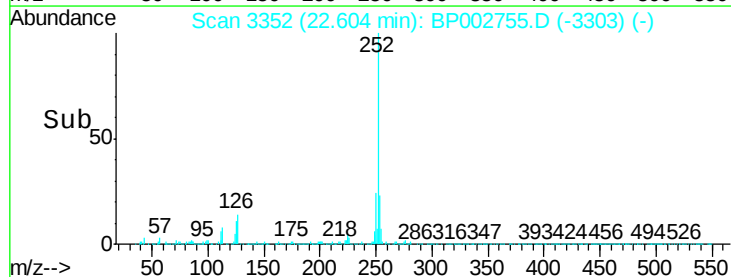
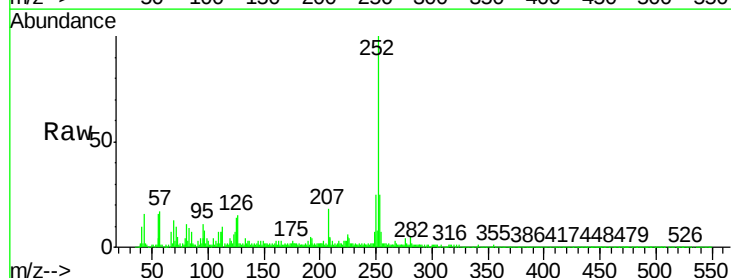
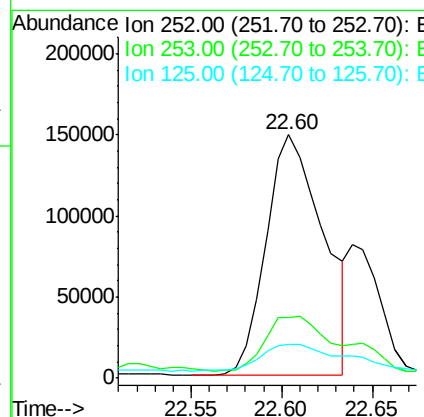
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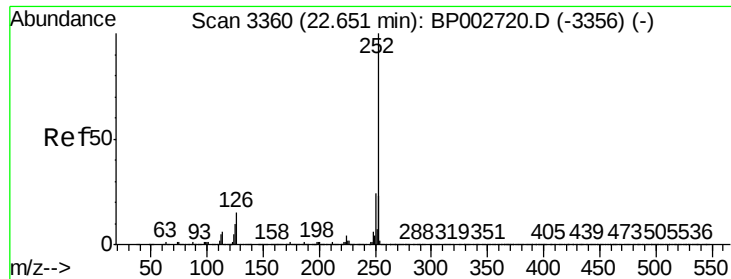
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 7.367 ng
 RT: 22.60 min Scan# 3352
 Delta R.T. -0.01 min
 Lab File: BP002755.D
 Acq: 15 Jul 2020 15:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.7	26.5
125	13.8	8.2	12.2





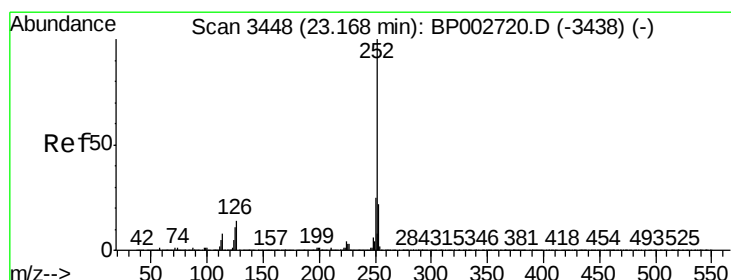
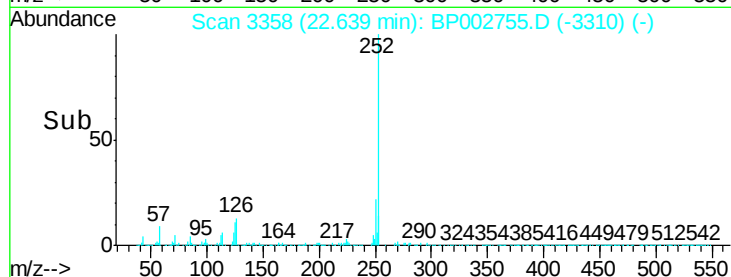
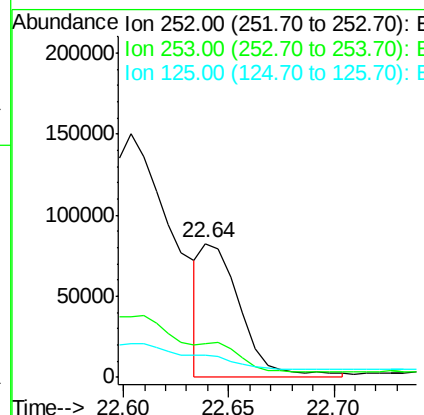
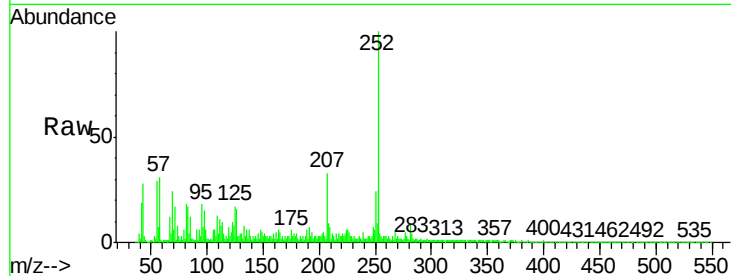
#89
Benzo(k)fluoranthene
Concen: 2.485 ng m
RT: 22.64 min Scan# 3358
Delta R.T. -0.02 min
Lab File: BP002755.D
Acq: 15 Jul 2020 15:39

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.8	26.8
125	16.8	8.3	12.5

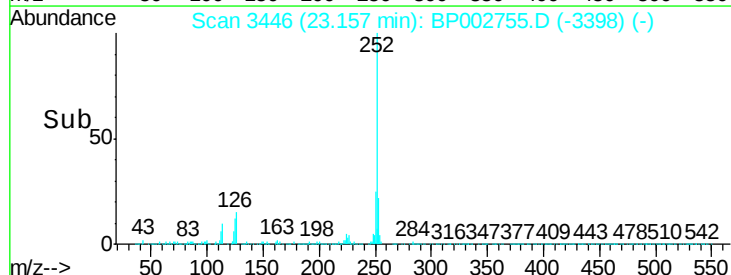
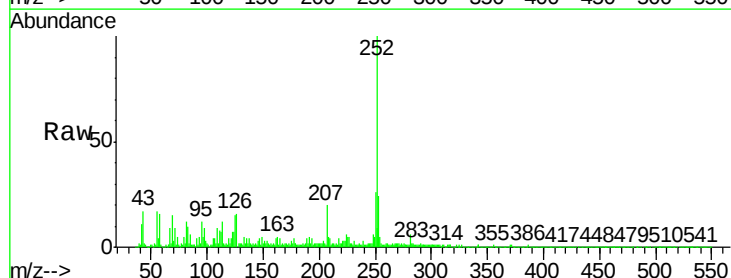
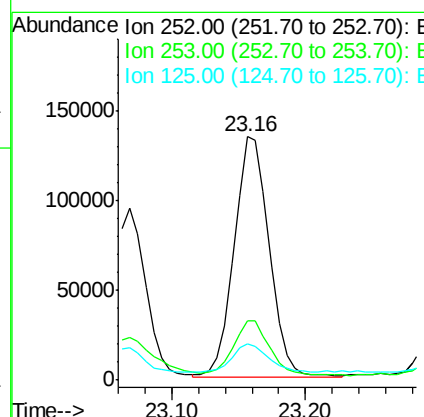
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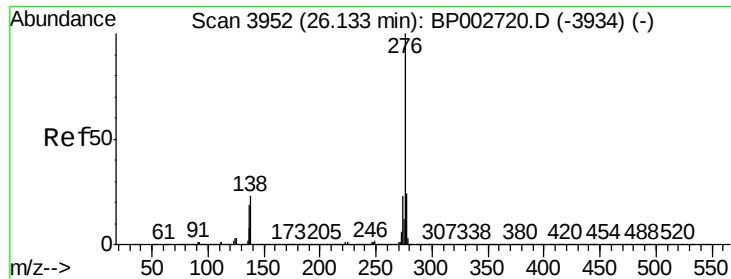
mohammad
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#90
Benzo(a)pyrene
Concen: 5.795 ng
RT: 23.16 min Scan# 3446
Delta R.T. -0.02 min
Lab File: BP002755.D
Acq: 15 Jul 2020 15:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.6	26.4
125	15.1	8.6	13.0





#92
 Benzo(a,h,i)perylene
 Concen: 3.593 ng
 RT: 26.12 min Scan# 3950
 Delta R.T. -0.02 min
 Lab File: BP002755.D
 Acq: 15 Jul 2020 15:39

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

Tot Ion:	276	Resp:	152124
Ion Ratio		Lower	Upper
276	100		
277	24.5	19.1	28.7
138	24.2	18.3	27.5

Manual Integrations
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