

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
 Data File : BP002760.D
 Acq On : 15 Jul 2020 18:29
 Operator : CG/JU
 Sample : L3305-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FK-GF-02-057-A

Manual Integrations
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mohammad
 7/16/2020 11:07:21 AM

Quant Time: Jul 15 19:00:34 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	160686	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	639796	20.00	ng	0.00
39) Acenaphthene-d10	14.21	164	386055	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	780287	20.00	ng	0.00
76) Chrysene-d12	21.07	240	627029	20.00	ng	0.00
86) Perylene-d12	23.27	264	605330	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.18	112	639159	67.11	ng	0.00
7) Phenol-d6	6.76	99	884338	65.06	ng	0.00
23) Nitrobenzene-d5	8.70	82	529149	44.23	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	228806	56.78	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	1117253	44.77	ng	0.00
79) Terphenyl-d14	19.56	244	1312826	48.00	ng	0.00

Target Compounds

						Qvalue
31) Naphthalene	10.38	128	114039	3.376	ng	97
50) Dimethylphthalate	13.67	163	161184	5.475	ng	99
52) Acenaphthene	14.27	154	57459	2.609	ng	99
55) Dibenzofuran	14.61	168	80112	2.268	ng	94
58) Fluorene	15.26	166	106735	4.084	ng	98
71) Phenanthrene	17.01	178	967981	22.912	ng	99
72) Anthracene	17.10	178	265589	6.406	ng	97
73) Carbazole	17.38	167	89751	2.206	ng	95
75) Fluoranthene	19.00	202	1070732	21.873	ng	97
78) Pyrene	19.35	202	931534	21.517	ng	98
81) Benzo(a)anthracene	21.06	228	413866	10.196	ng	96
83) Chrysene	21.11	228	376861m	9.754	ng	
87) Indeno(1,2,3-cd)pyrene	25.47	276	189149	4.323	ng	96
88) Benzo(b)fluoranthene	22.62	252	435922m	11.597	ng	
89) Benzo(k)fluoranthene	22.65	252	127332m	3.439	ng	
90) Benzo(a)pyrene	23.17	252	303981	8.534	ng	# 95
92) Benzo(a,h,i)perylene	26.14	276	188119	5.259	ng	97

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

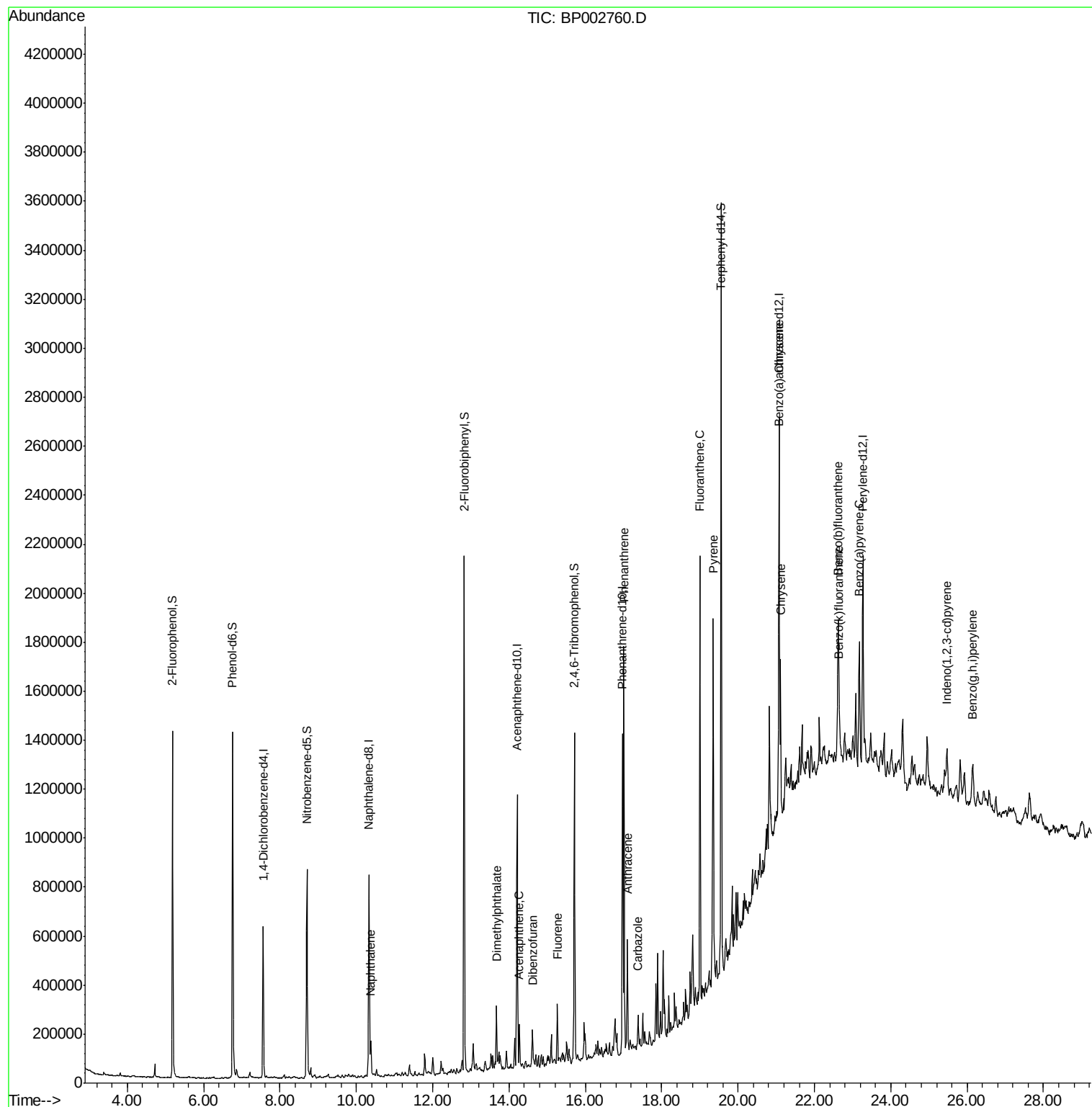
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002760.D
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Sample : L3305-01
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ALS Vial : 12 Sample Multiplier: 1

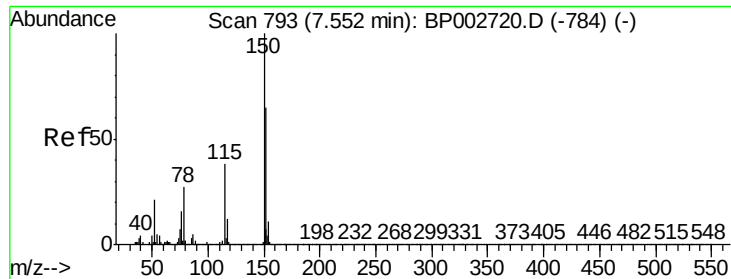
Instrument :
BNA_P
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

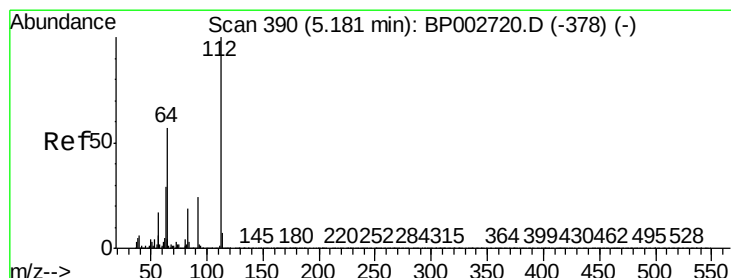
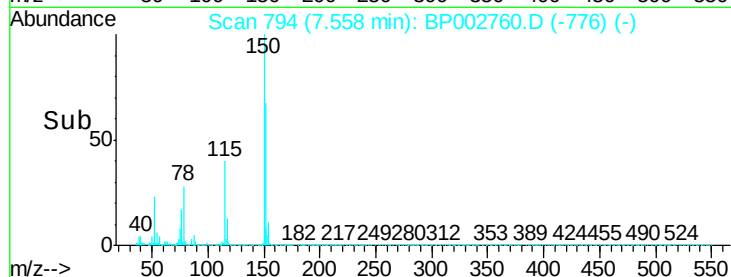
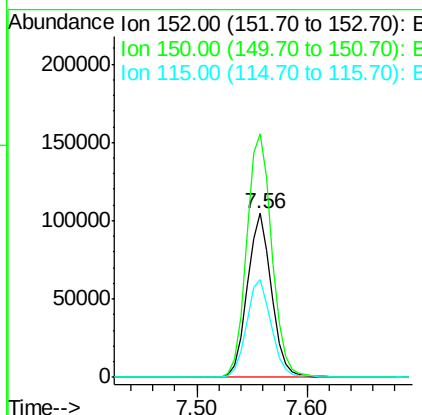
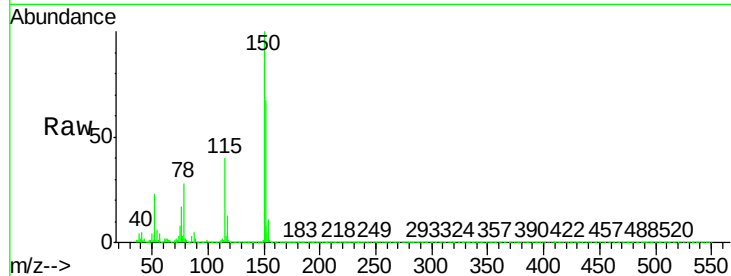
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 794
Delta R.T. 0.01 min
Lab File: BP002760.D
Acq: 15 Jul 2020 18:29

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-057-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.7	123.7	185.5
115	59.5	47.2	70.8

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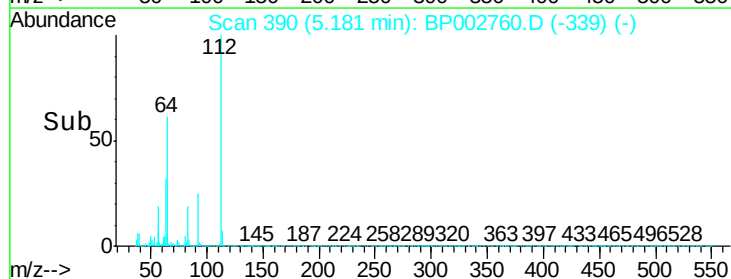
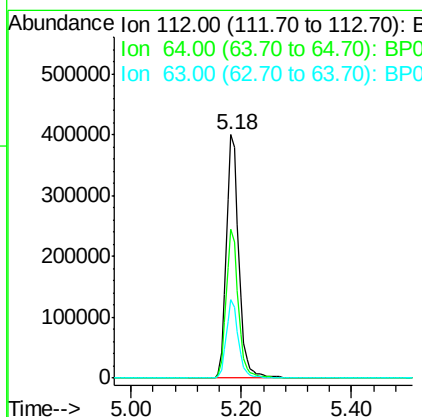
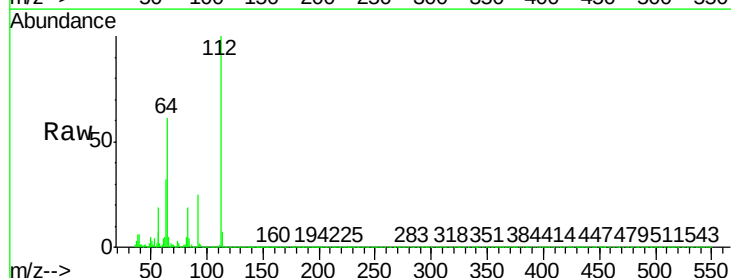
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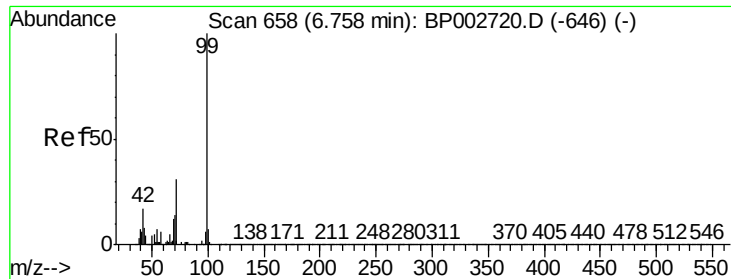


#5

2-Fluorophenol
Concen: 67.111 ng
RT: 5.18 min Scan# 390
Delta R.T. 0.00 min
Lab File: BP002760.D
Acq: 15 Jul 2020 18:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.1	45.6	68.4
63	32.2	23.5	35.3





#7

Phenol-d6

Concen: 65.062 ng

RT: 6.76 min Scan# 658

Delta R.T. 0.00 min

Lab File: BP002760.D

Acq: 15 Jul 2020 18:29

Instrument :

BNA_P

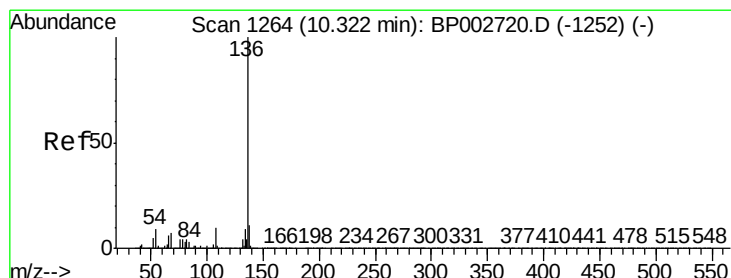
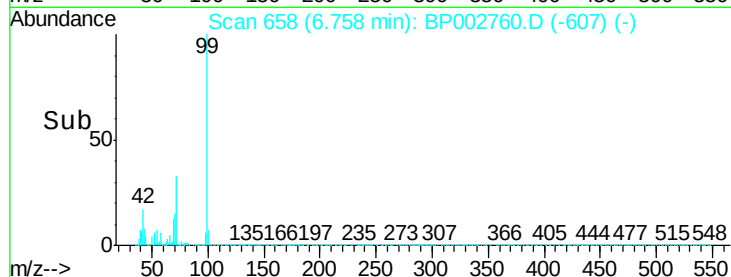
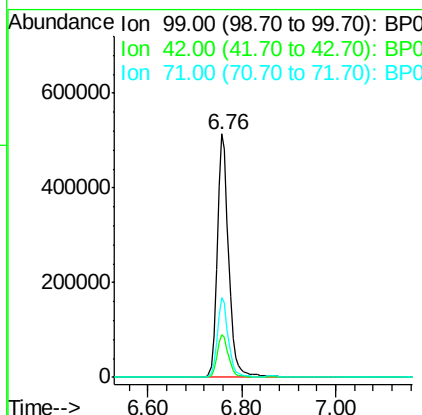
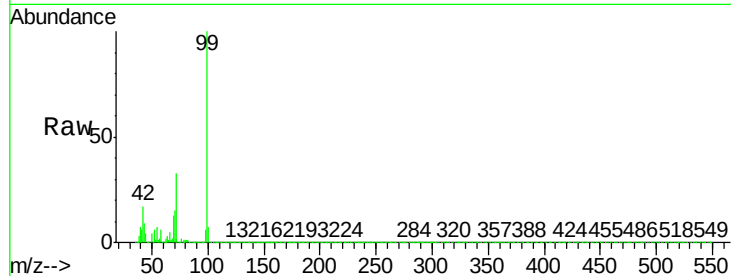
ClientSampleId :

FK-GF-02-057-A

Tot Ion:	99	Resp:	884338
Ion Ratio	Lower	Upper	
99	100		
42	17.4	13.4	20.2
71	33.0	24.6	36.8

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#21

Naphthalene-d8

Concen: 20.000 ng

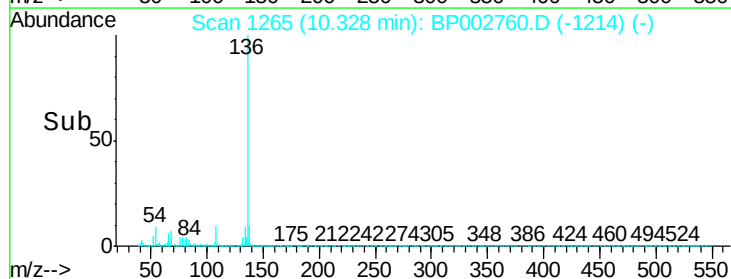
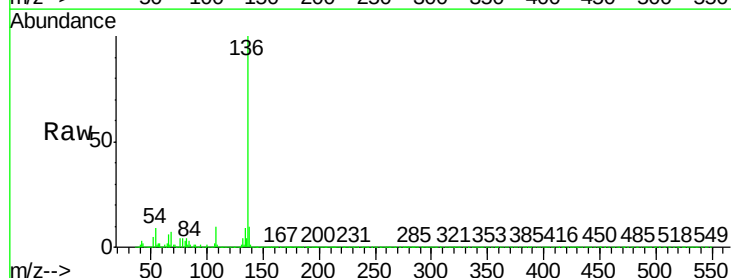
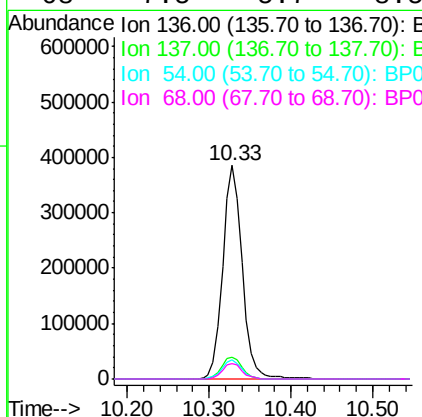
RT: 10.33 min Scan# 1265

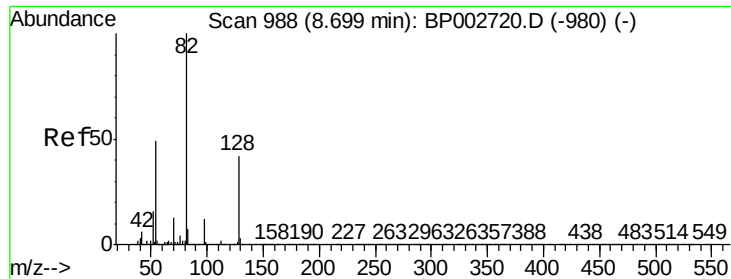
Delta R.T. 0.00 min

Lab File: BP002760.D

Acq: 15 Jul 2020 18:29

Tgt Ion:	136	Resp:	639796
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.6	13.0
54	9.1	6.9	10.3
68	7.5	5.7	8.5





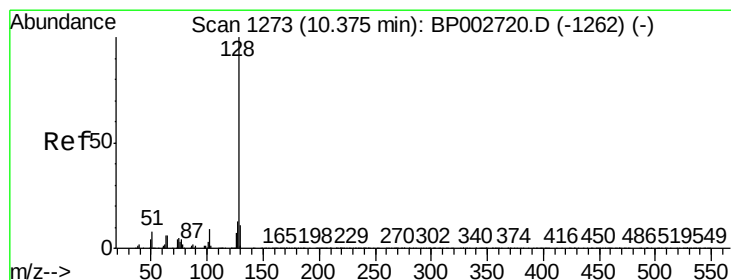
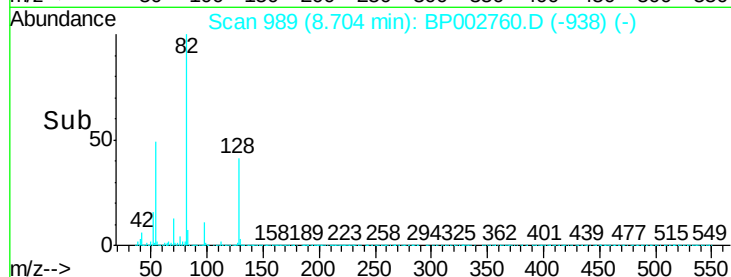
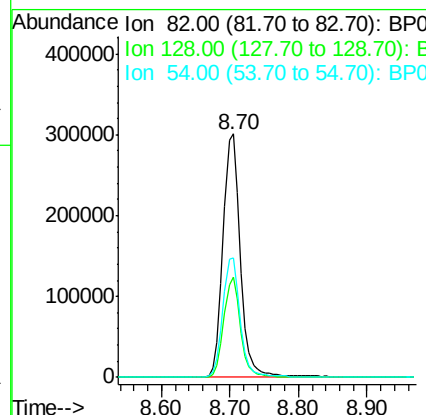
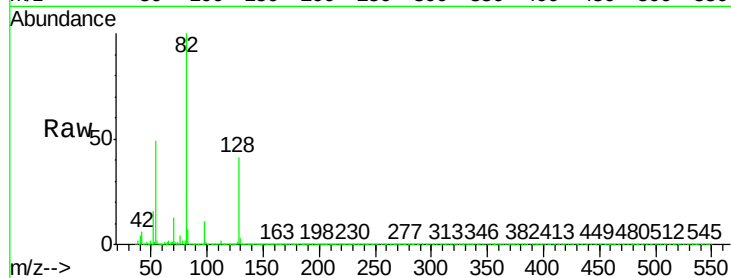
#23
Nitrobenzene-d5
Concen: 44.234 ng
RT: 8.70 min Scan# 989
Delta R.T. 0.00 min
Lab File: BP002760.D
Acq: 15 Jul 2020 18:29

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-057-A

Tot Ion	82	Resp	529149
Ion Ratio	Lower	Upper	
82	100		
128	41.3	33.8	50.8
54	48.9	38.8	58.2

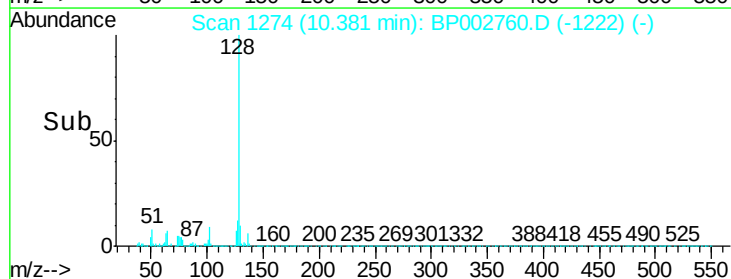
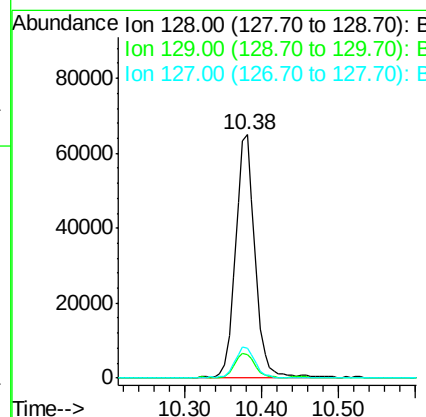
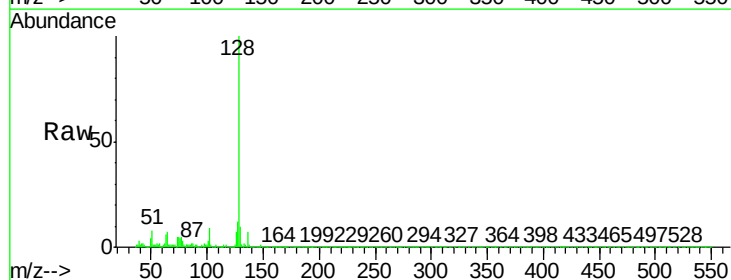
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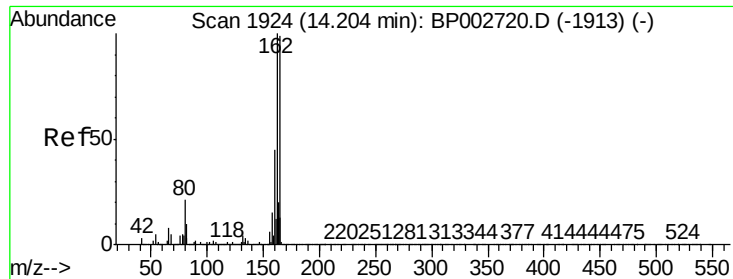
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#31
Naphthalene
Concen: 3.376 ng
RT: 10.38 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BP002760.D
Acq: 15 Jul 2020 18:29

Tgt Ion	128	Resp	114039
Ion Ratio	Lower	Upper	
128	100		
129	9.8	8.6	13.0
127	12.1	10.6	15.8





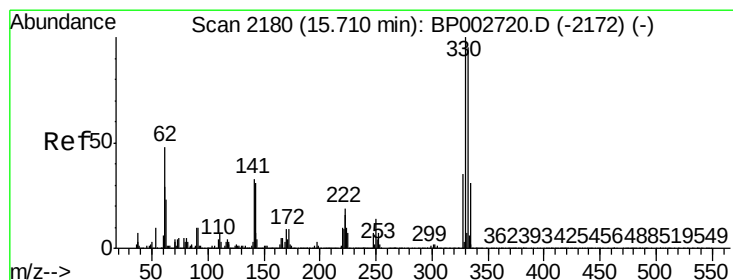
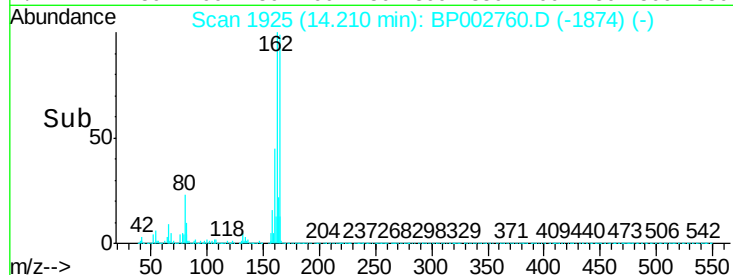
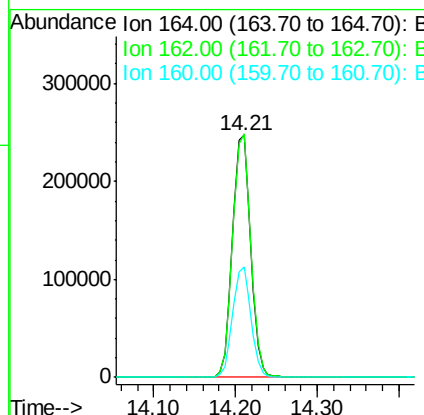
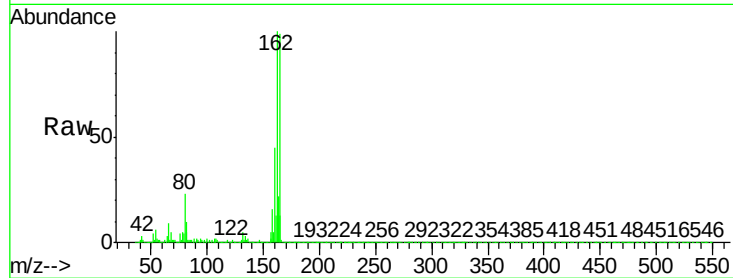
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.21 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BP002760.D
Acq: 15 Jul 2020 18:29

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-057-A

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.6	121.0
160	45.6	36.4	54.6

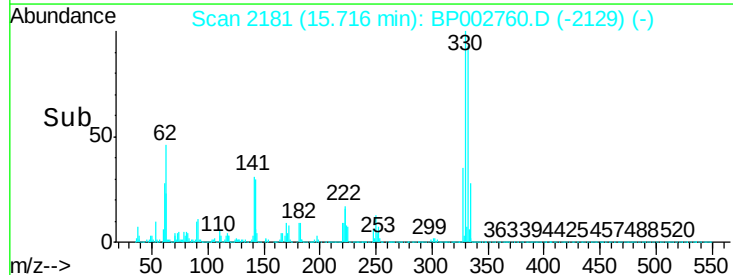
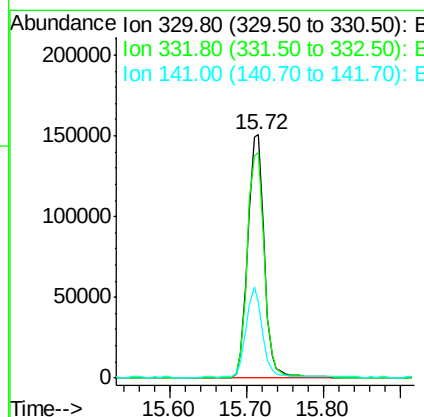
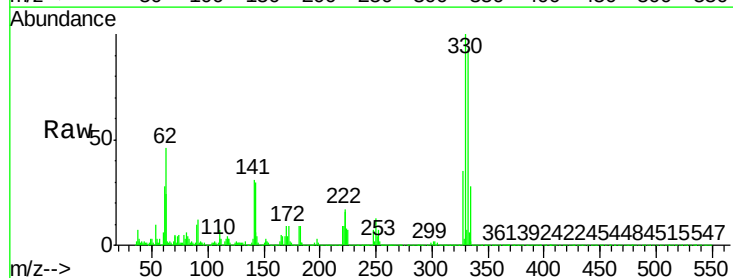
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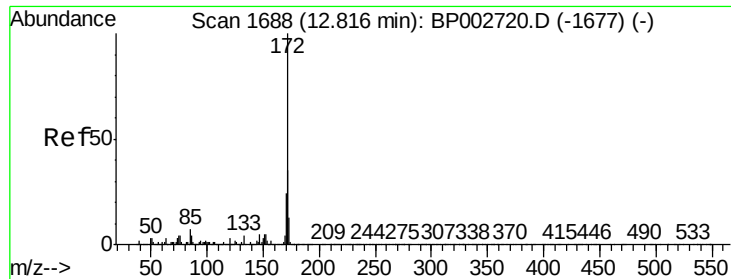
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#42
2,4,6-Tribromophenol
Concen: 56.779 ng
RT: 15.72 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BP002760.D
Acq: 15 Jul 2020 18:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.5	114.7
141	35.8	28.8	43.2





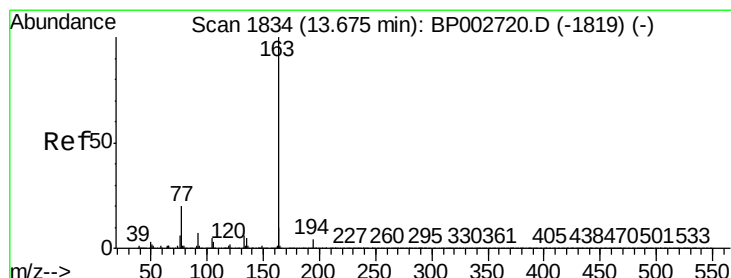
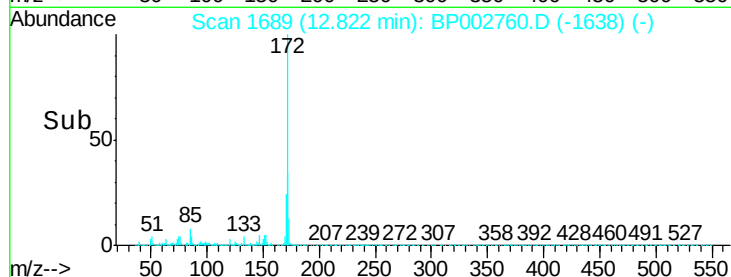
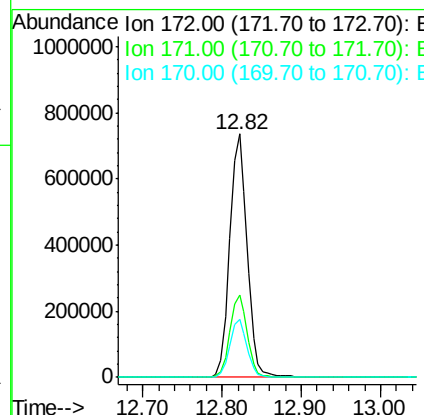
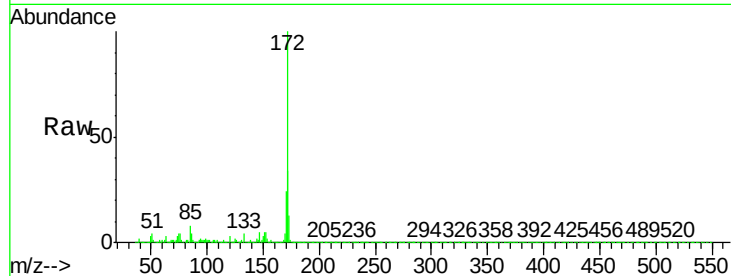
#45
2-Fluorobiphenyl
Concen: 44.770 ng
RT: 12.82 min Scan# 1689
Delta R.T. 0.00 min
Lab File: BP002760.D
Acq: 15 Jul 2020 18:29

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-057-A

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.6	28.1	42.1
170	24.1	19.3	28.9

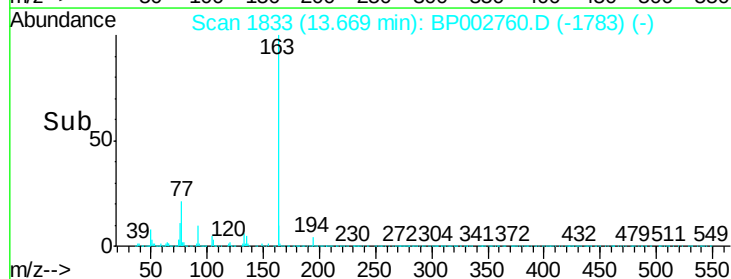
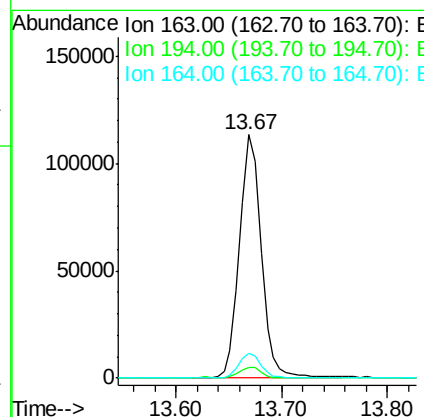
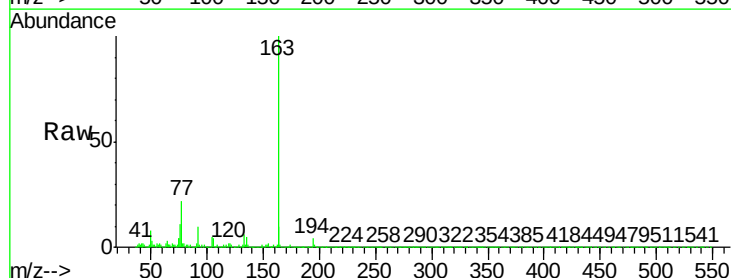
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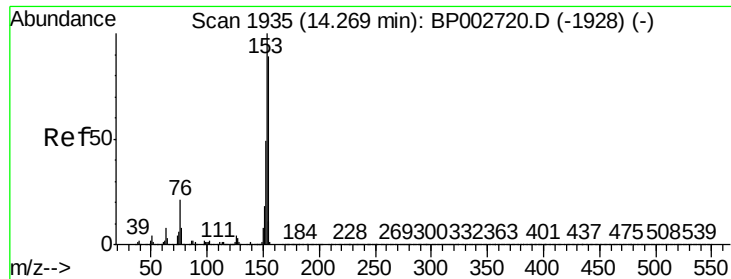
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#50
Dimethylphthalate
Concen: 5.475 ng
RT: 13.67 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BP002760.D
Acq: 15 Jul 2020 18:29

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.4	7.8	11.8





#52

Acenaphthene

Concen: 2.609 ng

RT: 14.27 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BP002760.D

Acq: 15 Jul 2020 18:29

Instrument :

BNA_P

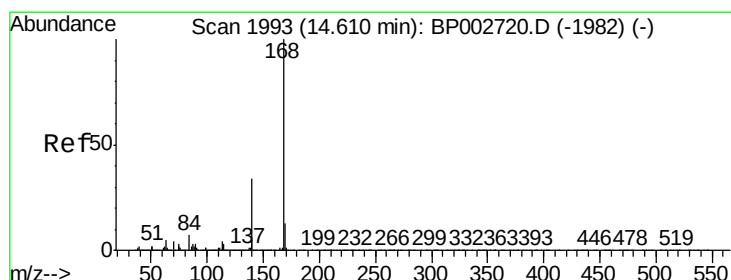
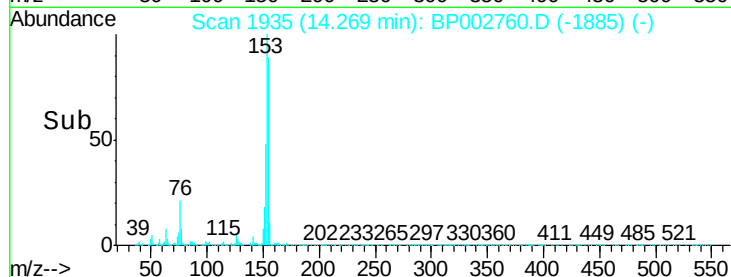
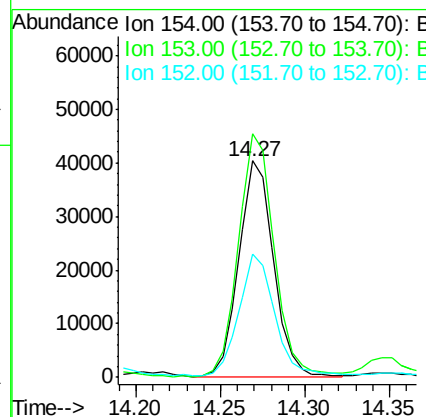
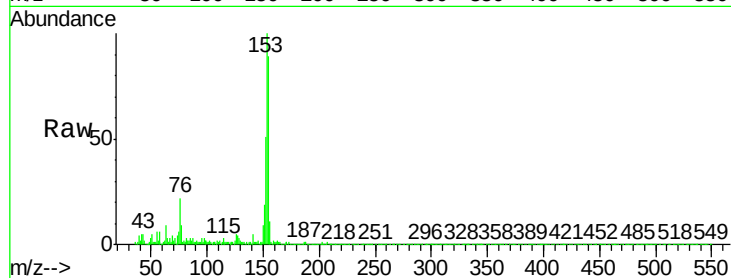
ClientSampleId :

FK-GF-02-057-A

Tot Ion:	154	Resp:	57459
Ion Ratio	Lower	Upper	
154	100		
153	112.6	90.1	135.1
152	57.0	43.8	65.6

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#55

Dibenzofuran

Concen: 2.268 ng

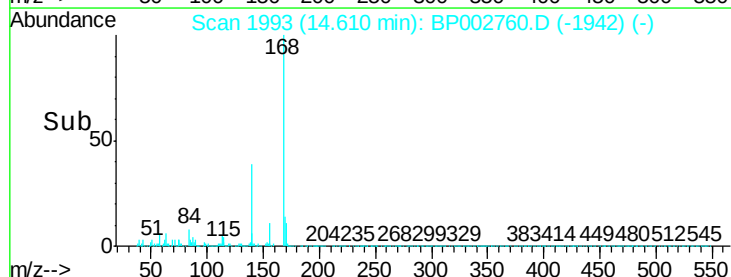
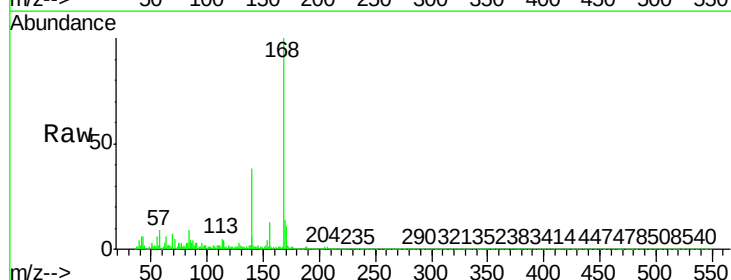
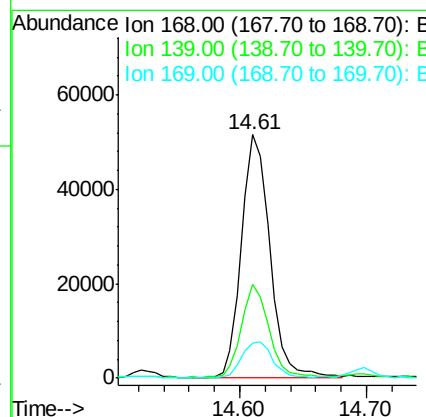
RT: 14.61 min Scan# 1993

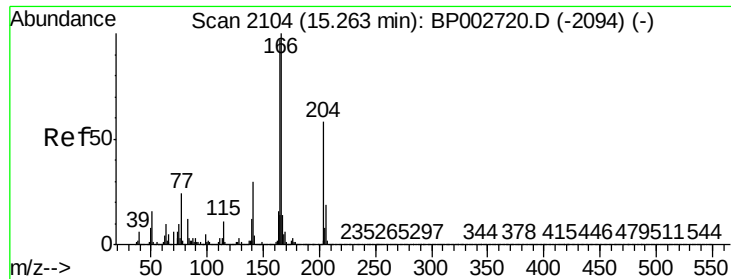
Delta R.T. 0.00 min

Lab File: BP002760.D

Acq: 15 Jul 2020 18:29

Tgt Ion:	168	Resp:	80112
Ion Ratio	Lower	Upper	
168	100		
139	38.4	27.1	40.7
169	14.5	10.8	16.2





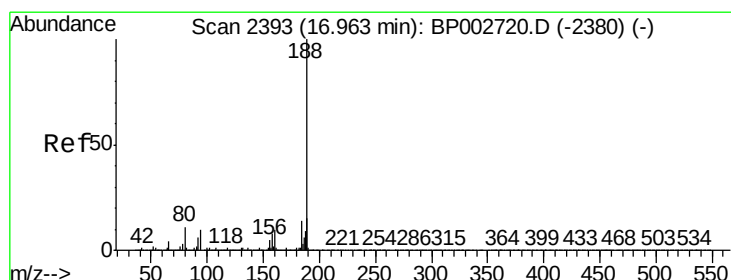
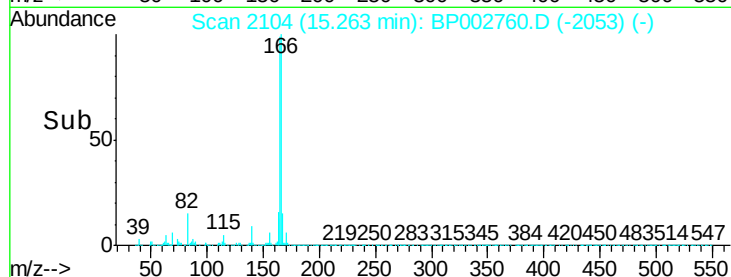
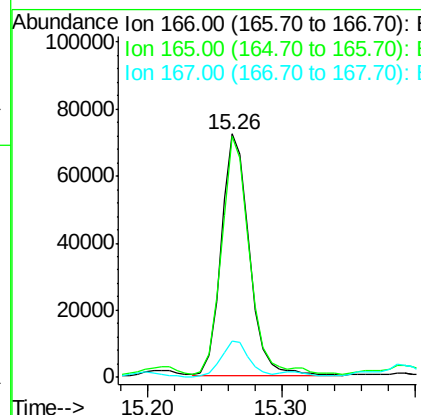
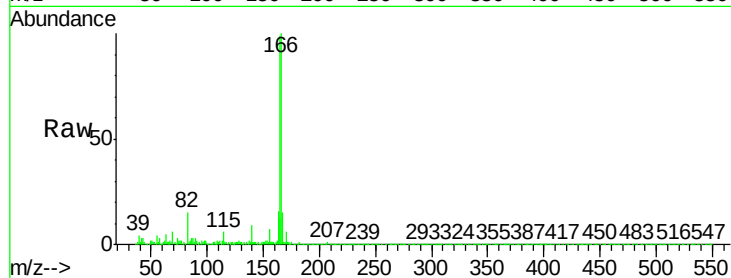
#58
 Fluorene
 Concen: 4.084 ng
 RT: 15.26 min Scan# 2104
 Delta R.T. 0.00 min
 Lab File: BP002760.D
 Acq: 15 Jul 2020 18:29

Instrument :
 BNA_P
 ClientSampleId :
 FK-GF-02-057-A

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.8	77.7	116.5
167	15.1	11.0	16.6

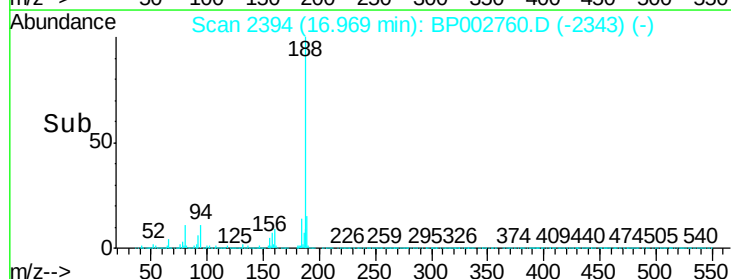
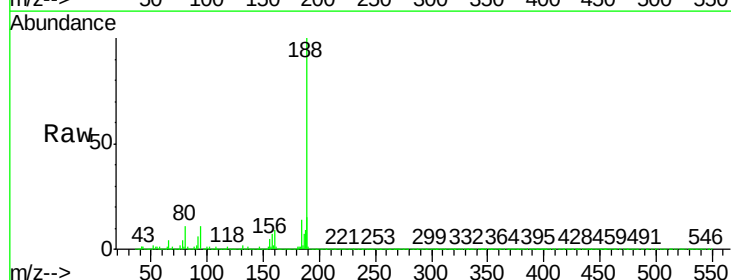
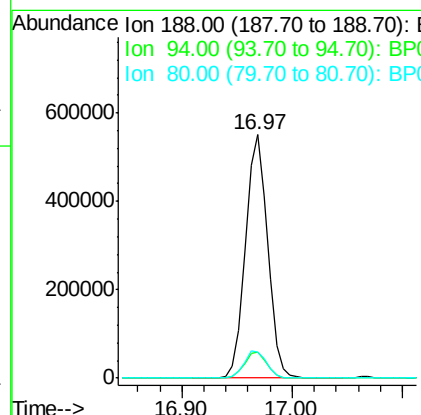
Manual Integrations
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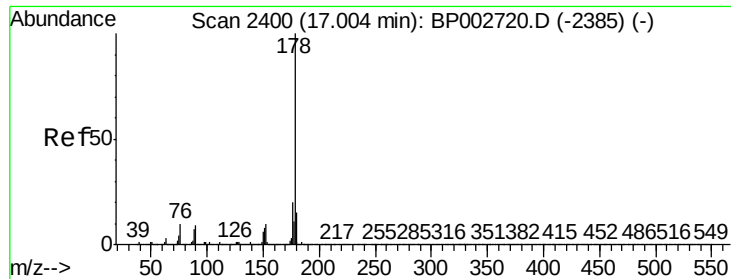
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.97 min Scan# 2394
 Delta R.T. 0.00 min
 Lab File: BP002760.D
 Acq: 15 Jul 2020 18:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.1	12.1
80	10.9	8.9	13.3





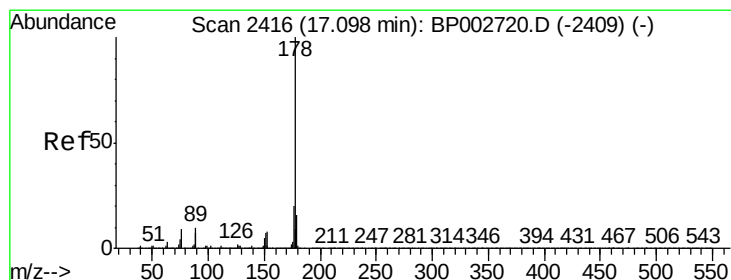
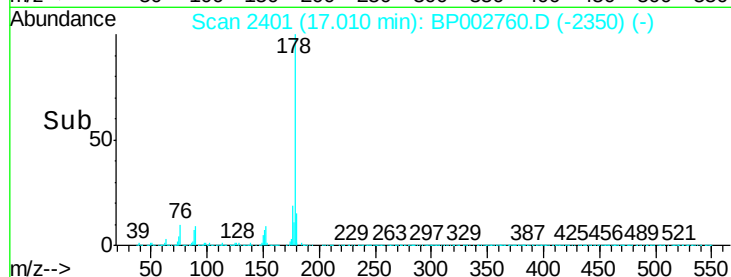
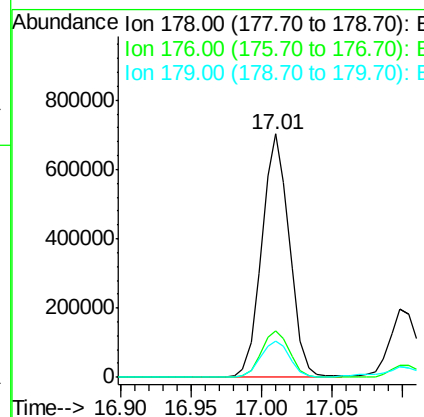
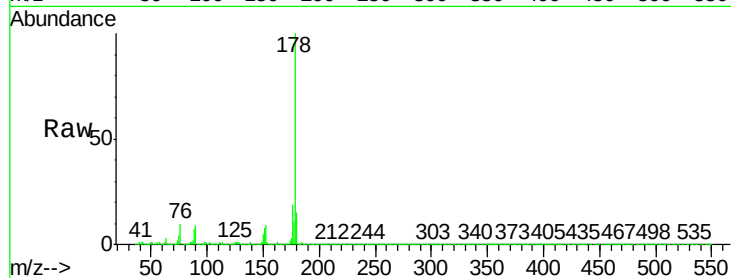
#71
Phenanthrene
Concen: 22.912 ng
RT: 17.01 min Scan# 2401
Delta R.T. 0.00 min
Lab File: BP002760.D
Acq: 15 Jul 2020 18:29

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-057-A

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.9	23.9
179	15.0	12.3	18.5

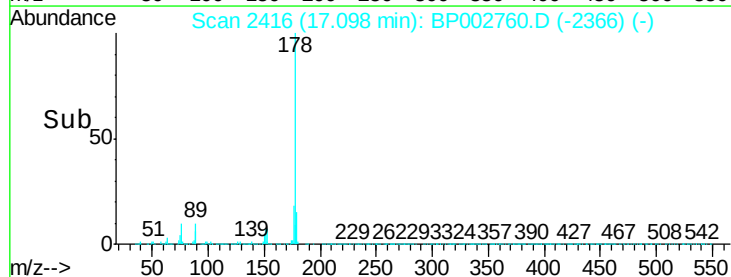
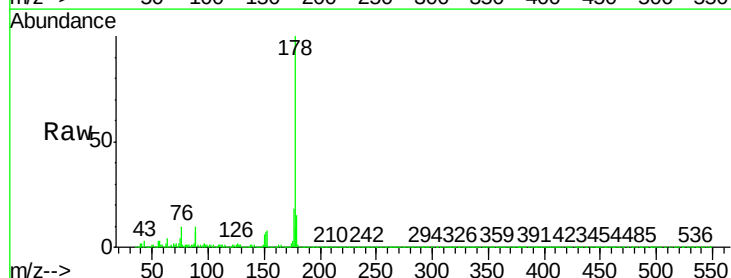
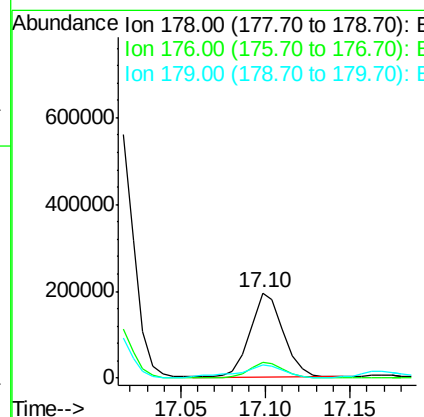
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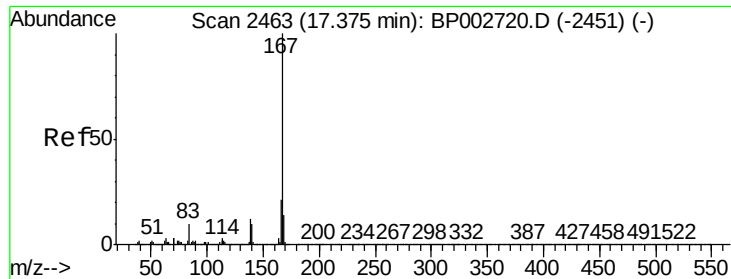
mohammad
7/16/2020 11:07:21 AM



#72
Anthracene
Concen: 6.406 ng
RT: 17.10 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BP002760.D
Acq: 15 Jul 2020 18:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.6	23.4
179	15.0	12.6	19.0





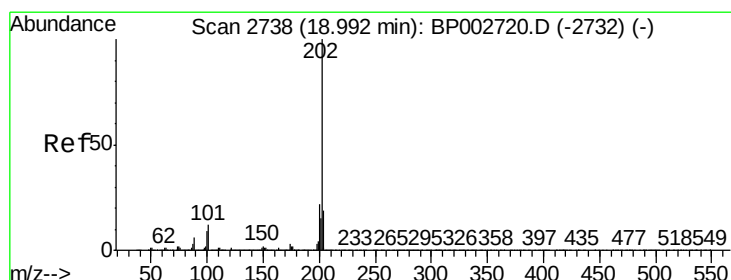
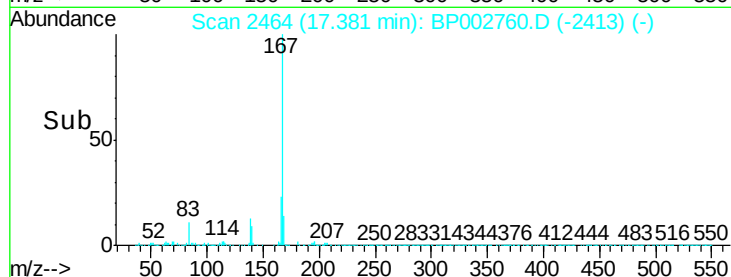
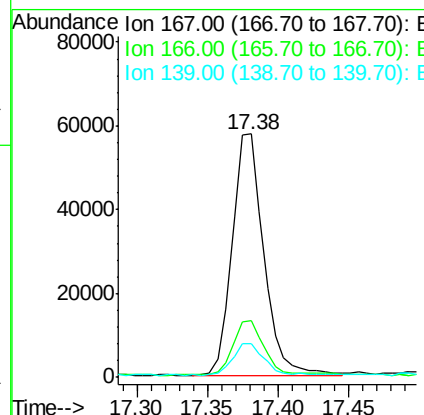
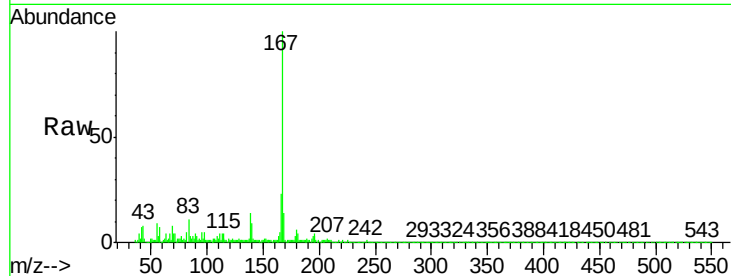
#73
 Carbazole
 Concen: 2.206 ng
 RT: 17.38 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: BP002760.D
 Acq: 15 Jul 2020 18:29

Instrument :
 BNA_P
 ClientSampleId :
 FK-GF-02-057-A

Tot Ion:	167	Resp:	89751
Ion Ratio	Lower	Upper	
167	100		
166	23.4	17.1	25.7
139	14.0	9.6	14.4

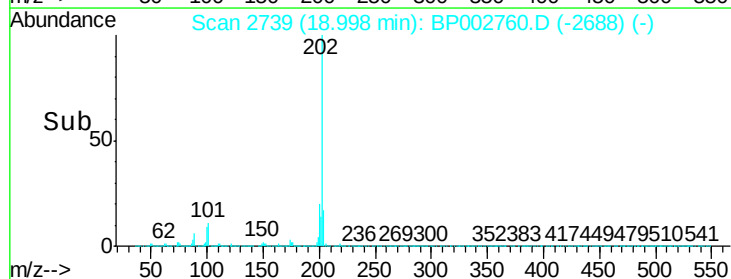
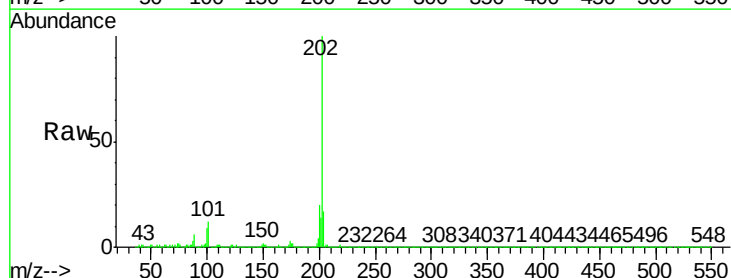
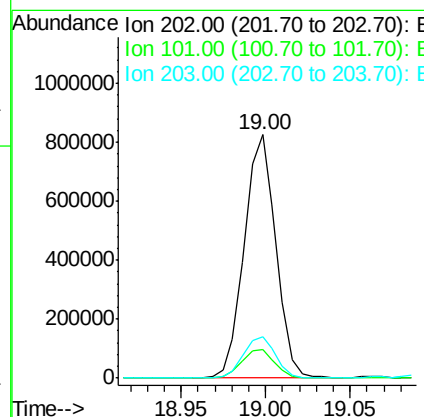
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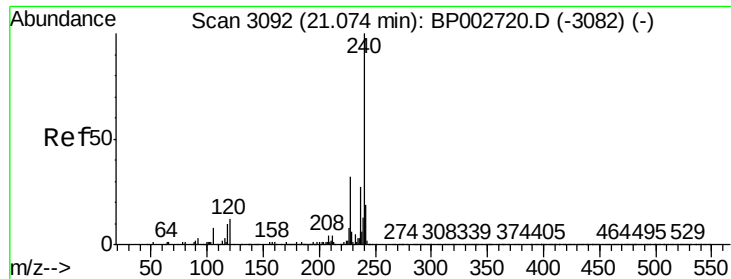
mohammad
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#75
 Fluoranthene
 Concen: 21.873 ng
 RT: 19.00 min Scan# 2739
 Delta R.T. 0.00 min
 Lab File: BP002760.D
 Acq: 15 Jul 2020 18:29

Tgt Ion:	202	Resp:	1070732
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	32.5
203	16.8	0.0	38.6





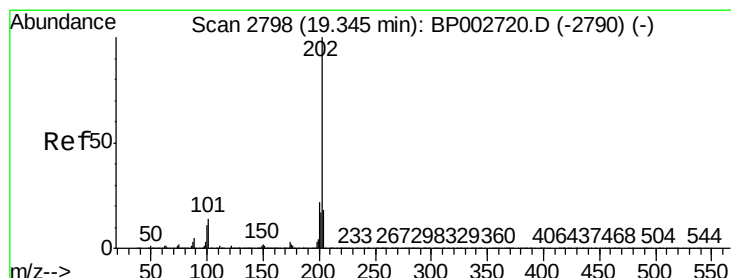
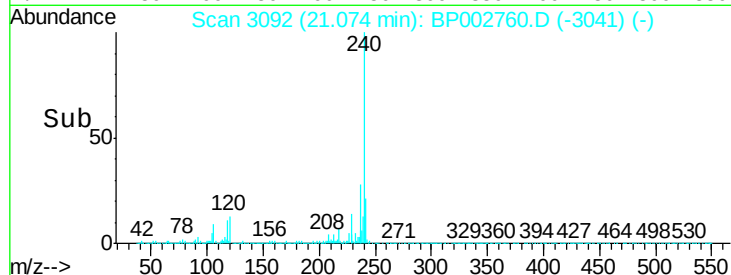
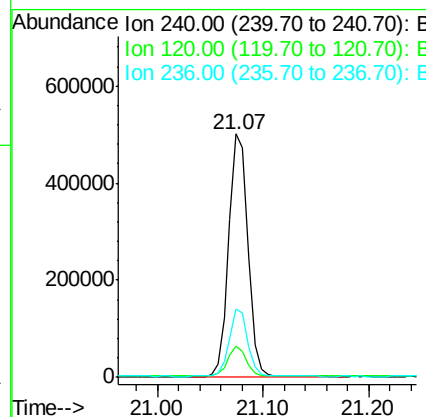
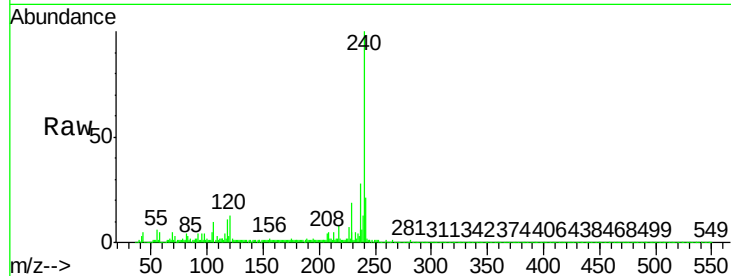
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3092
Delta R.T. 0.00 min
Lab File: BP002760.D
Acq: 15 Jul 2020 18:29

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-057-A

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.4	14.2
236	28.1	21.3	31.9

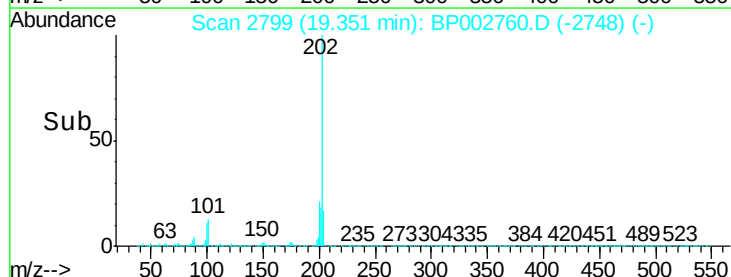
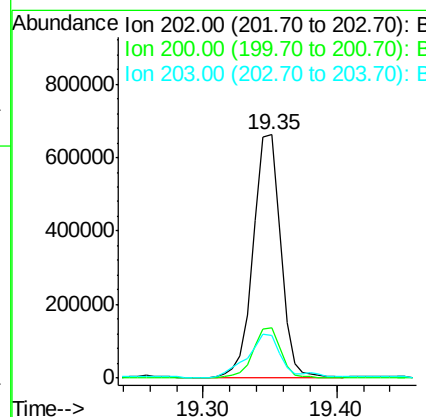
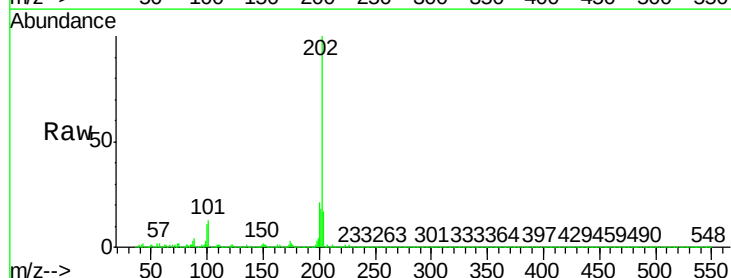
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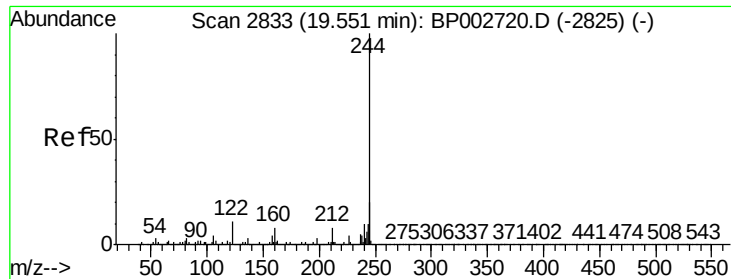
mohammad
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#78
Pyrene
Concen: 21.517 ng
RT: 19.35 min Scan# 2799
Delta R.T. 0.00 min
Lab File: BP002760.D
Acq: 15 Jul 2020 18:29

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.7	26.5
203	17.5	14.5	21.7





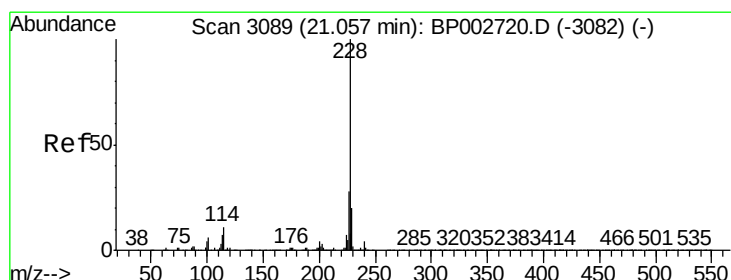
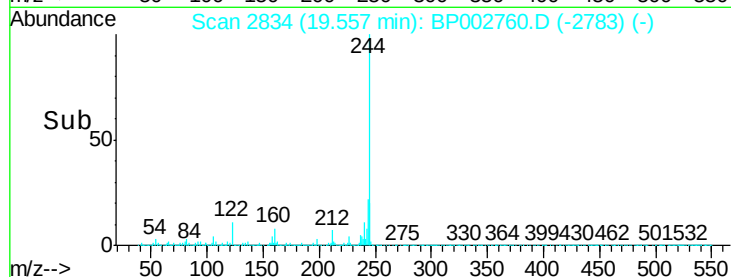
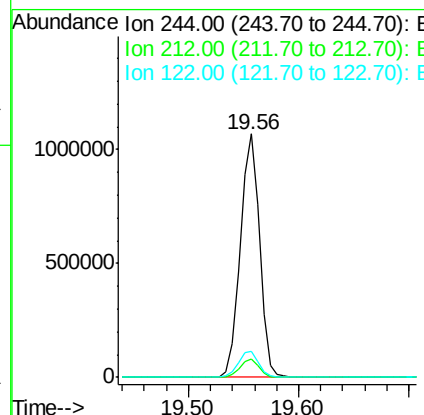
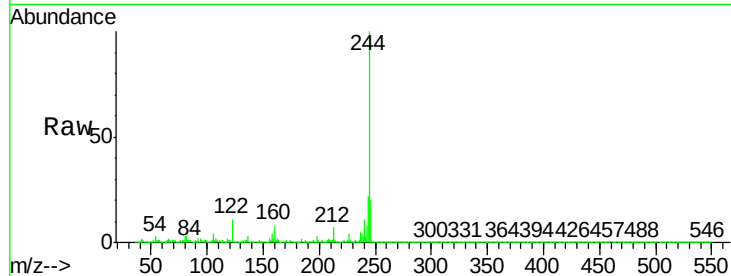
#79
 Terphenyl-d14
 Concen: 48.003 ng
 RT: 19.56 min Scan# 2834
 Delta R.T. 0.00 min
 Lab File: BP002760.D
 Acq: 15 Jul 2020 18:29

Instrument :
 BNA_P
 ClientSampleId :
 FK-GF-02-057-A

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	10.7	8.9	13.3

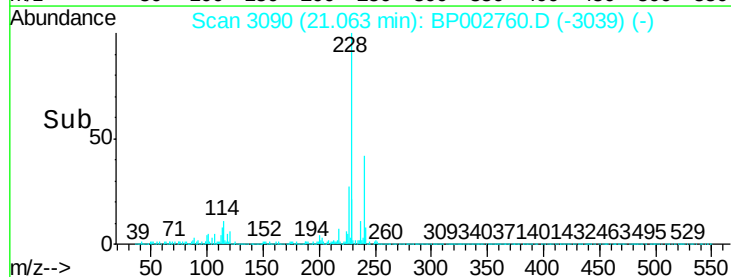
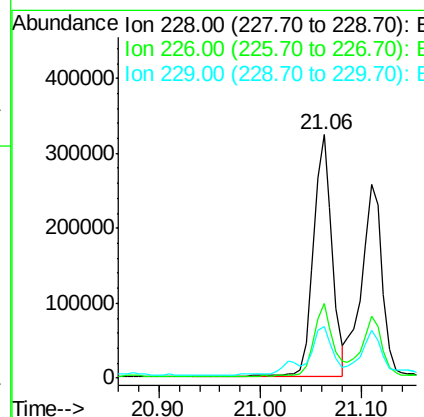
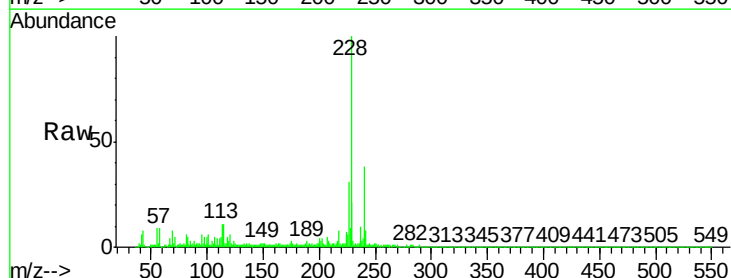
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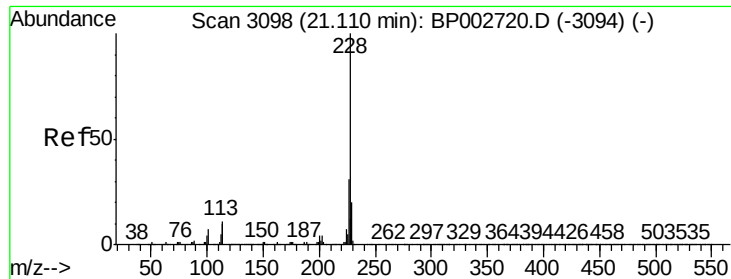
mohammad
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#81
 Benzo(a)anthracene
 Concen: 10.196 ng
 RT: 21.06 min Scan# 3090
 Delta R.T. 0.00 min
 Lab File: BP002760.D
 Acq: 15 Jul 2020 18:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.6	34.0
229	21.2	16.0	24.0





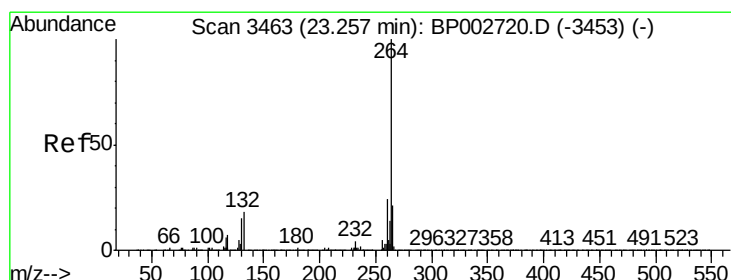
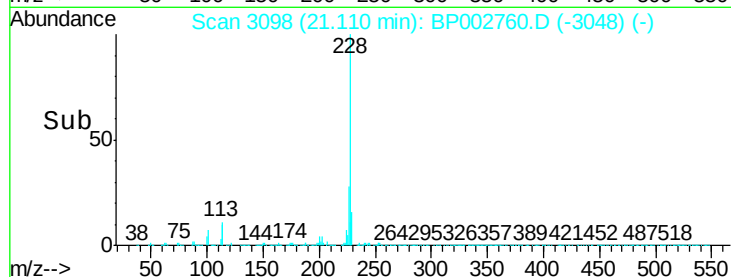
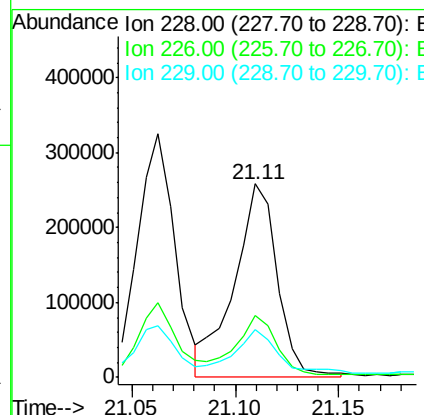
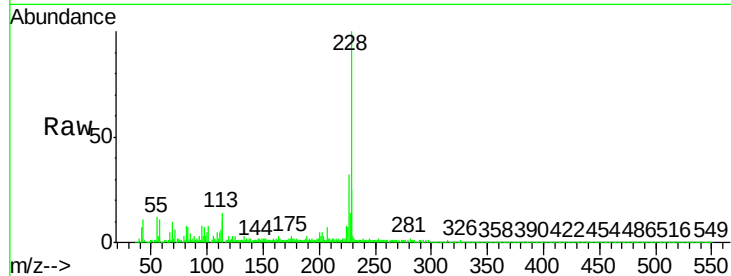
#83
Chrysene
Concen: 9.754 ng/mL
RT: 21.11 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BP002760.D
Acq: 15 Jul 2020 18:29

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-057-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	31.7		24.6	37.0	
229	25.0		15.7	23.5	

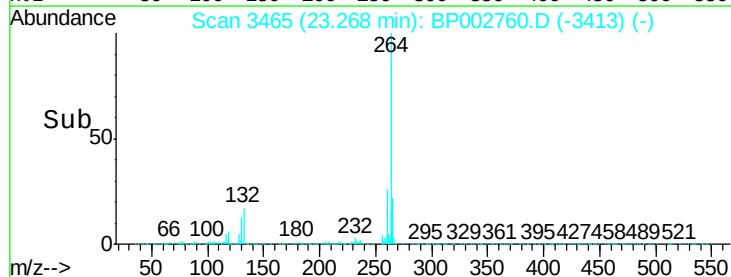
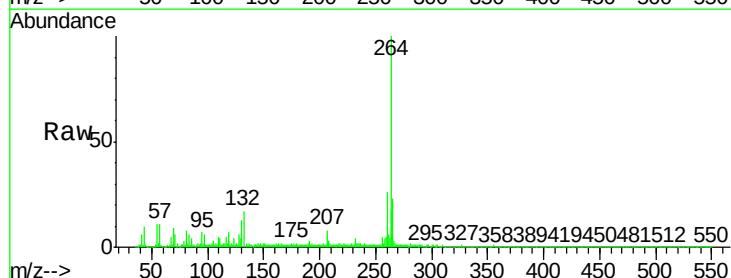
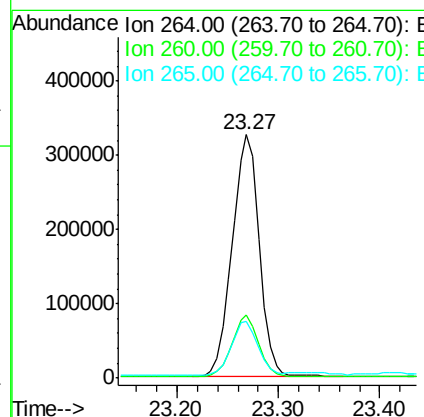
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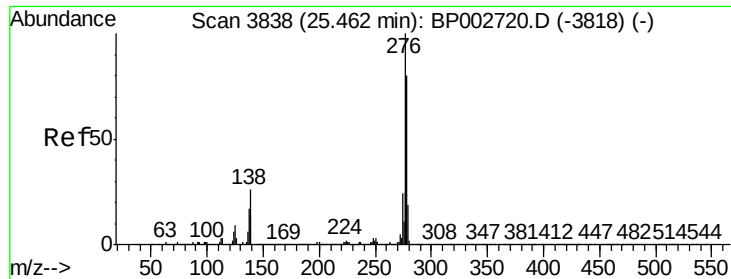
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.27 min Scan# 3465
Delta R.T. 0.01 min
Lab File: BP002760.D
Acq: 15 Jul 2020 18:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	26.2		19.3	28.9	
265	23.2		16.8	25.2	





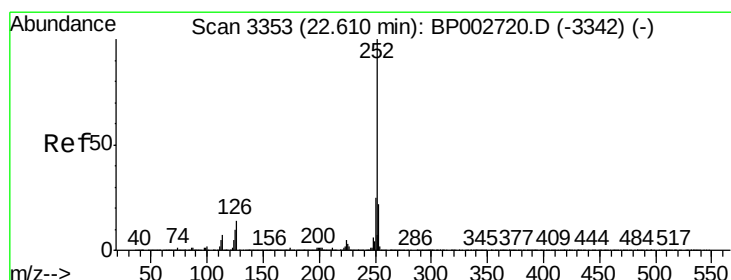
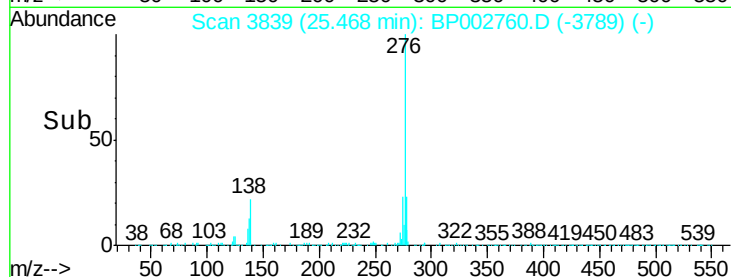
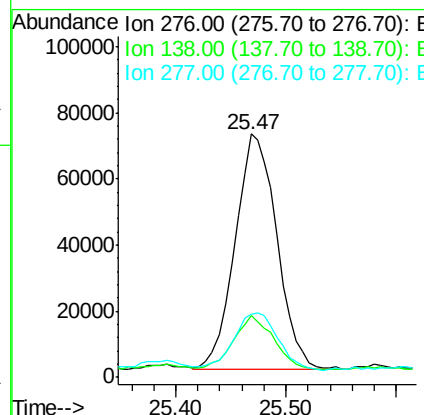
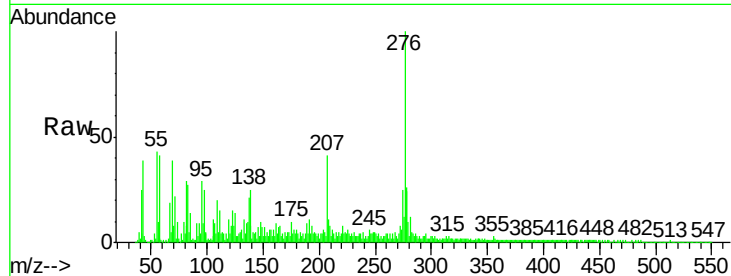
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.323 ng
 RT: 25.47 min Scan# 3839
 Delta R.T. -0.01 min
 Lab File: BP002760.D
 Acq: 15 Jul 2020 18:29

Instrument :
 BNA_P
 ClientSampleId :
 FK-GF-02-057-A

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.3	20.8	31.2
277	25.8	20.0	30.0

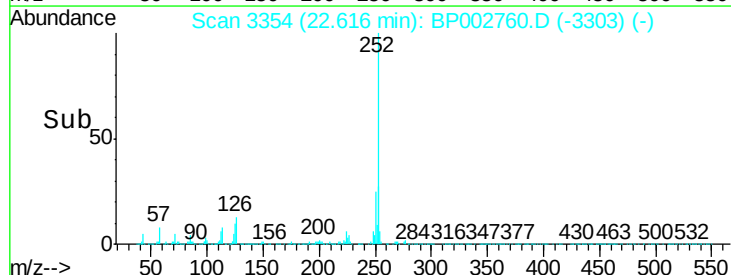
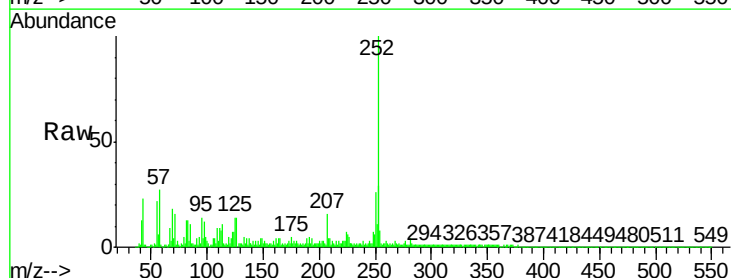
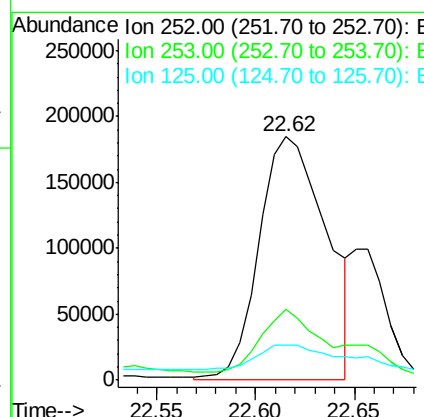
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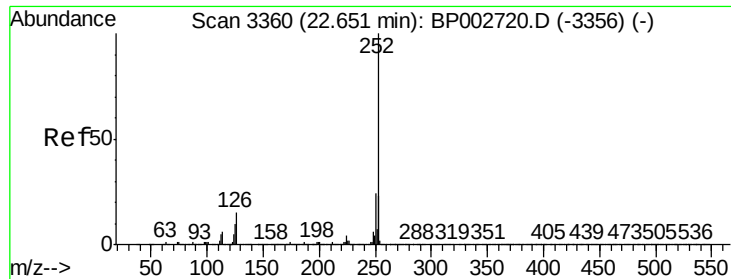
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 11.597 ng m
 RT: 22.62 min Scan# 3354
 Delta R.T. 0.00 min
 Lab File: BP002760.D
 Acq: 15 Jul 2020 18:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.1	17.7	26.5#
125	14.1	8.2	12.2#





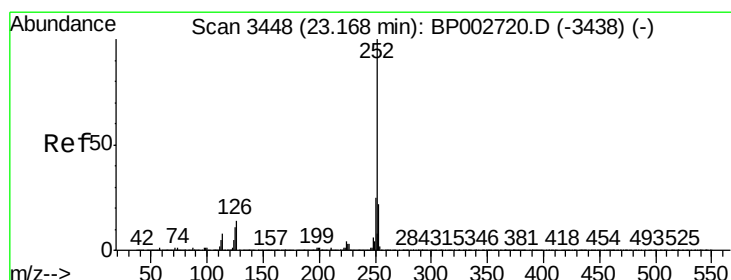
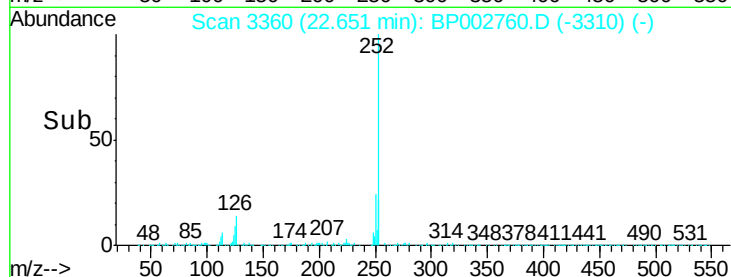
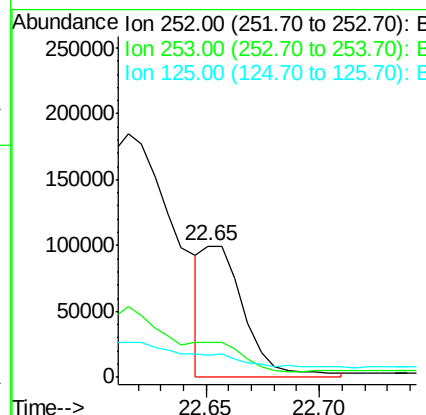
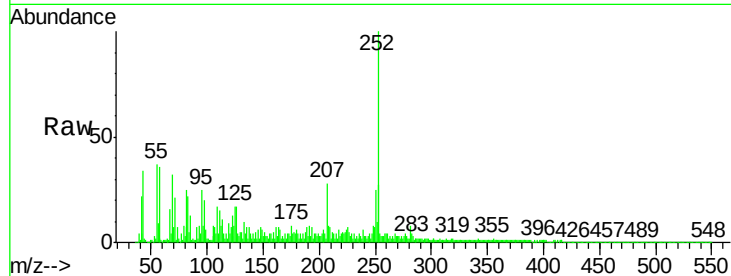
#89
Benzo(k)fluoranthene
Concen: 3.439 ng m
RT: 22.65 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BP002760.D
Acq: 15 Jul 2020 18:29

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-057-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.8	26.8#
125	17.0	8.3	12.5#

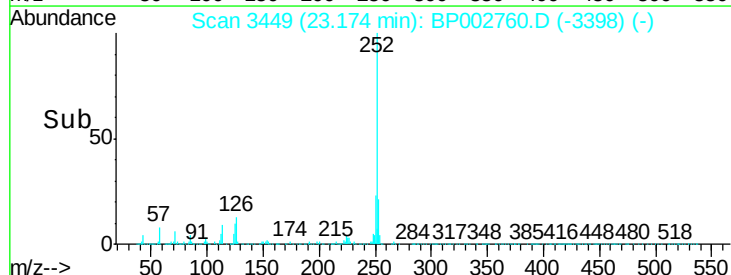
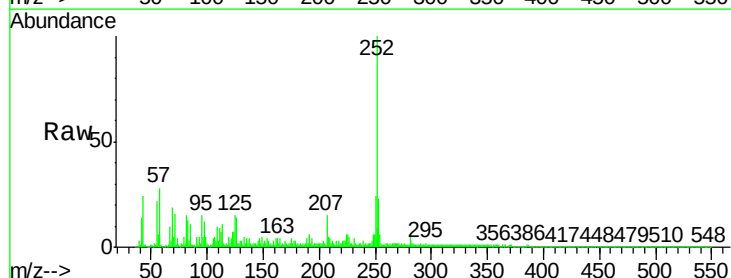
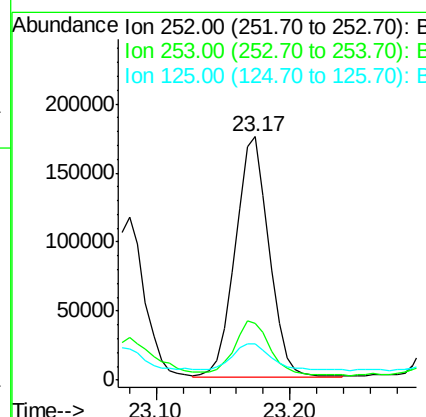
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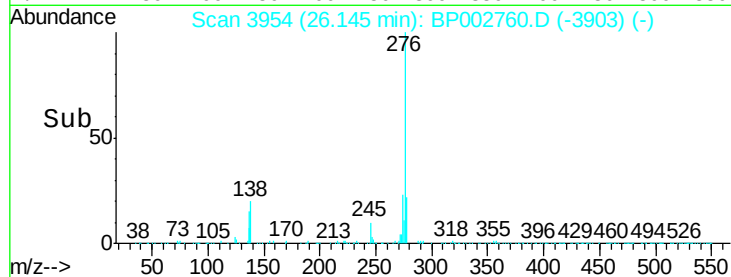
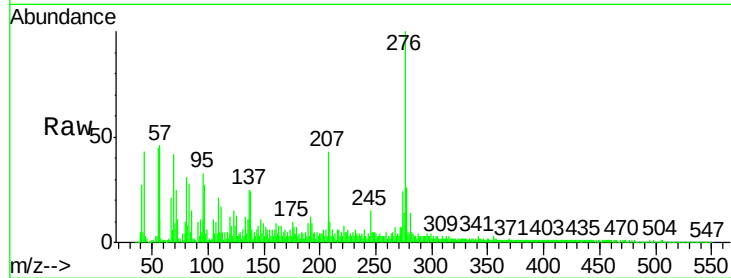
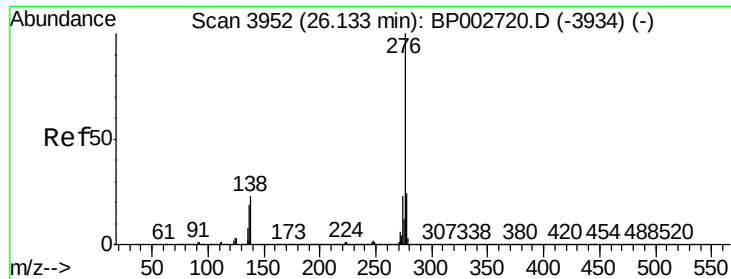
mohammad
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#90
Benzo(a)pyrene
Concen: 8.534 ng
RT: 23.17 min Scan# 3449
Delta R.T. 0.00 min
Lab File: BP002760.D
Acq: 15 Jul 2020 18:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.6	26.4
125	14.9	8.6	13.0#





#92

Benzo(a,h,i)perylene

Concen: 5.259 ng

RT: 26.14 min Scan# 3954

Delta R.T. 0.00 min

Lab File: BP002760.D

Acq: 15 Jul 2020 18:29

Instrument :

BNA_P

ClientSampleId :

FK-GF-02-057-A

Tot Ion:	276	Resp:	188119
Ion Ratio		Lower	Upper
276	100		
277	25.6	19.1	28.7
138	24.2	18.3	27.5

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