

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
 Data File : BP002762.D
 Acq On : 15 Jul 2020 19:37
 Operator : CG/JU
 Sample : L3302-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations
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 7/16/2020 11:07:26 AM

Quant Time: Jul 16 01:22:06 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	163550	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	675755	20.00	ng	0.00
39) Acenaphthene-d10	14.21	164	392694	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	794832	20.00	ng	0.00
76) Chrysene-d12	21.08	240	595749	20.00	ng	0.00
86) Perylene-d12	23.27	264	563902	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	684896	70.65	ng	0.00
7) Phenol-d6	6.76	99	964231	69.70	ng	0.00
23) Nitrobenzene-d5	8.70	82	603227	47.74	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	224117	54.67	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	1244507	49.03	ng	0.00
79) Terphenyl-d14	19.56	244	1386557	53.36	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	13.67	163	204091	6.815	ng	99
58) Fluorene	15.27	166	64318	2.419	ng	97
71) Phenanthrene	17.01	178	720416	16.740	ng	99
72) Anthracene	17.10	178	203858	4.827	ng	99
75) Fluoranthene	19.00	202	909250	18.234	ng	99
78) Pyrene	19.35	202	805173	19.575	ng	98
81) Benzo(a)anthracene	21.06	228	347985	9.023	ng	97
83) Chrysene	21.12	228	308217	8.396	ng	97
87) Indeno(1,2,3-cd)pyrene	25.48	276	156956	3.851	ng	97
88) Benzo(b)fluoranthene	22.62	252	349152m	9.971	ng	
89) Benzo(k)fluoranthene	22.66	252	95057m	2.756	ng	
90) Benzo(a)pyrene	23.18	252	242819	7.318	ng	# 88
92) Benzo(a,h,i)perylene	26.16	276	158462	4.755	ng	96

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

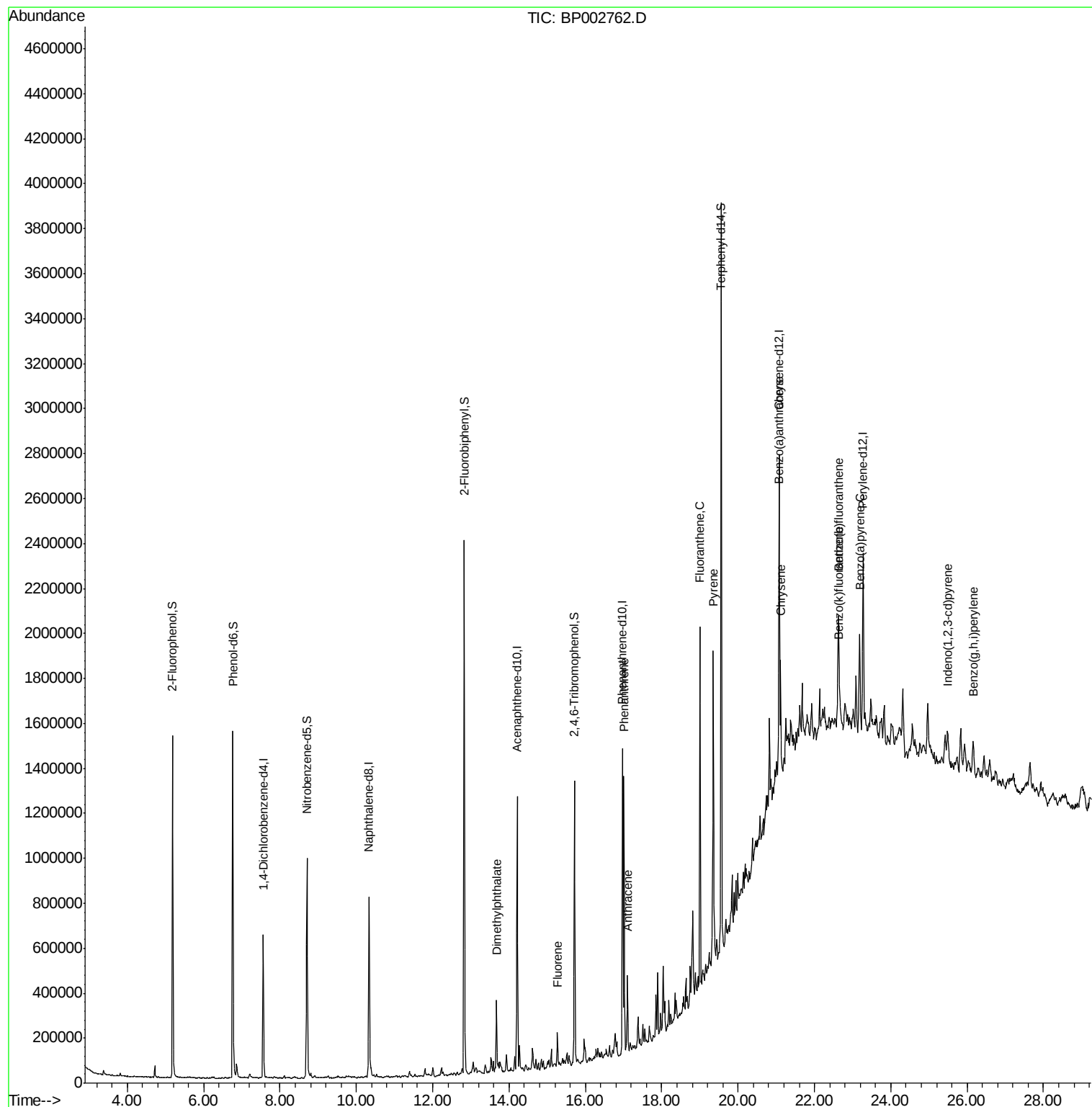
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002762.D
Acq On : 15 Jul 2020 19:37
Operator : CG/JU
Sample : L3302-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

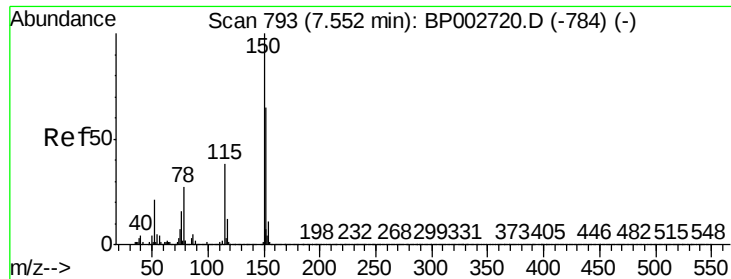
Instrument :
BNA_P
ClientSampleId :
FK-GF-03-013-B

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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

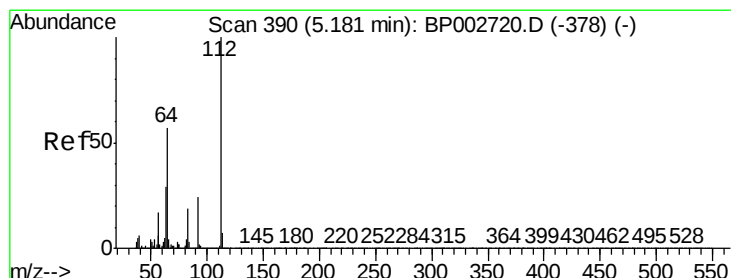
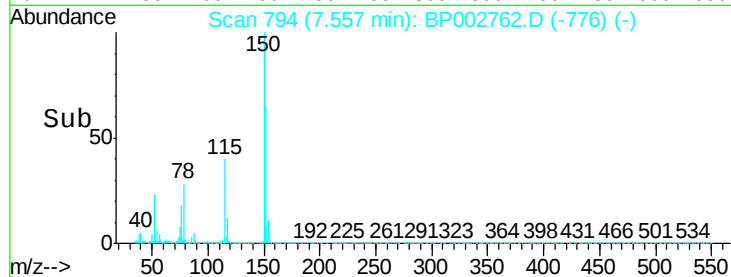
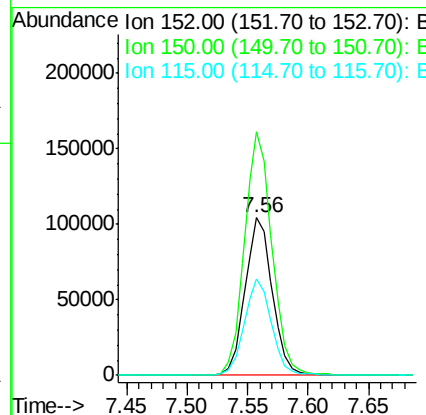
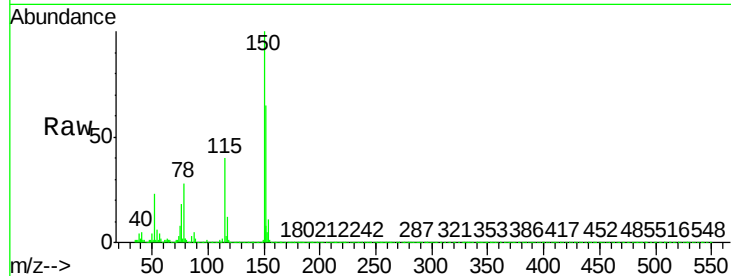
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 794
Delta R.T. 0.01 min
Lab File: BP002762.D
Acq: 15 Jul 2020 19:37

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.7	185.5
115	61.7	47.2	70.8

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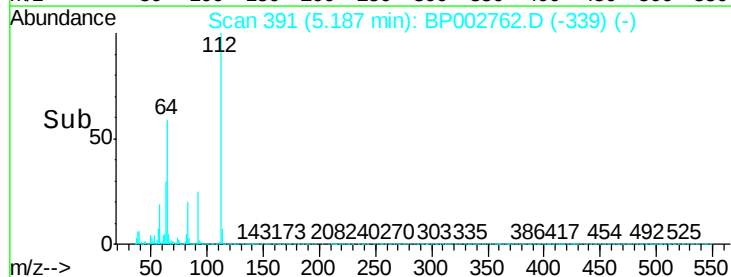
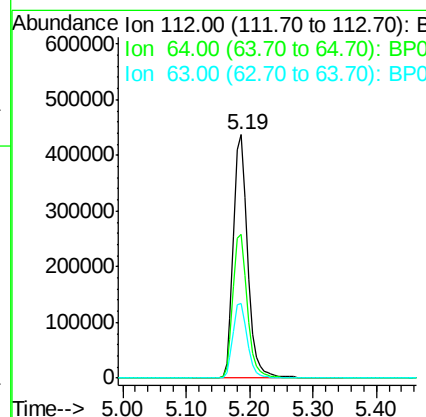
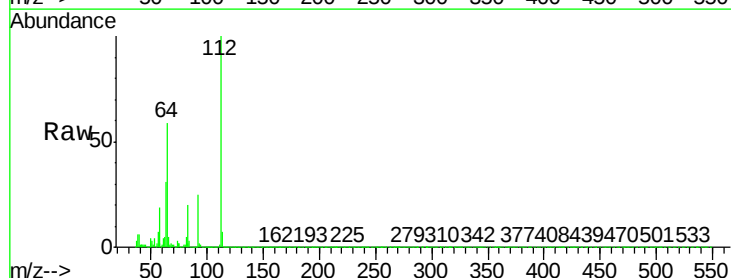
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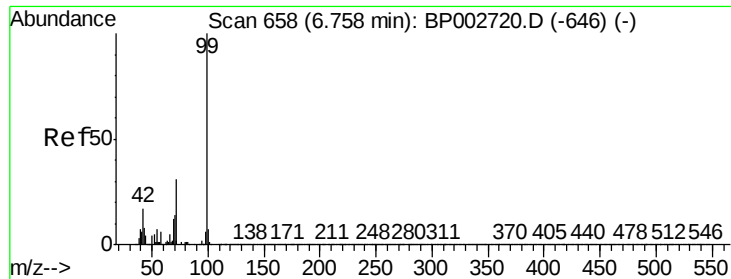


#5

2-Fluorophenol
Concen: 70.654 ng
RT: 5.19 min Scan# 391
Delta R.T. 0.01 min
Lab File: BP002762.D
Acq: 15 Jul 2020 19:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	45.6	68.4
63	30.5	23.5	35.3





#7

Phenol-d6

Concen: 69.698 ng

RT: 6.76 min Scan# 659

Delta R.T. 0.01 min

Lab File: BP002762.D

Acq: 15 Jul 2020 19:37

Instrument :

BNA_P

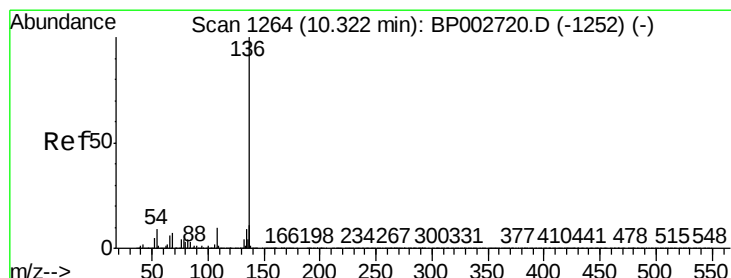
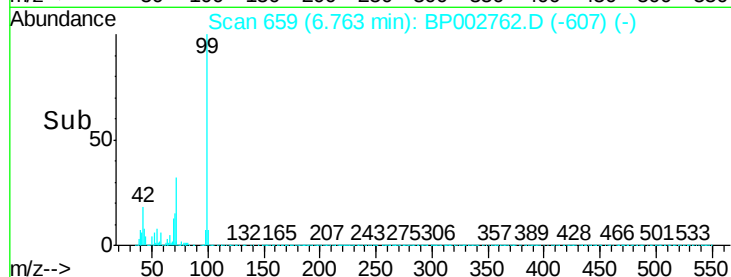
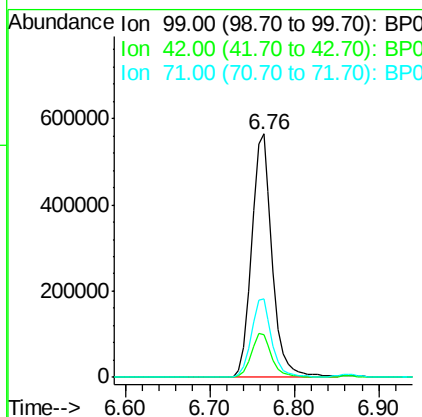
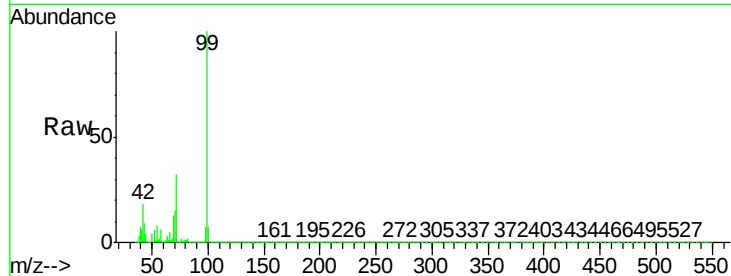
ClientSampleId :

FK-GF-03-013-B

Tot Ion:	99	Resp:	964231
Ion Ratio	Lower	Upper	
99	100		
42	17.8	13.4	20.2
71	32.4	24.6	36.8

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#21

Naphthalene-d8

Concen: 20.000 ng

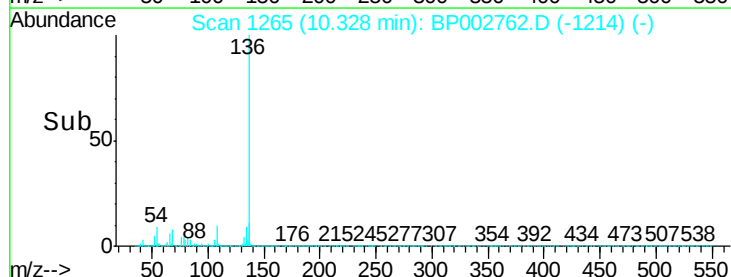
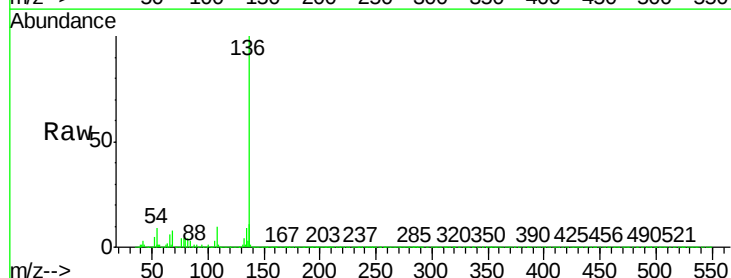
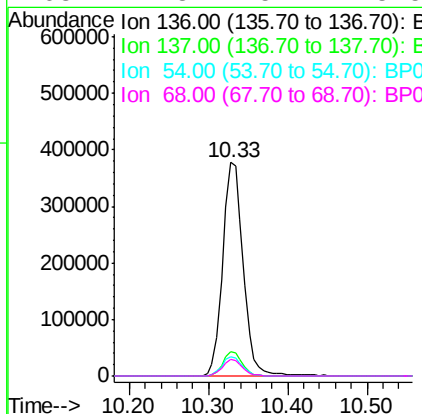
RT: 10.33 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BP002762.D

Acq: 15 Jul 2020 19:37

Tgt Ion:	136	Resp:	675755
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.6	13.0
54	9.1	6.9	10.3
68	7.8	5.7	8.5





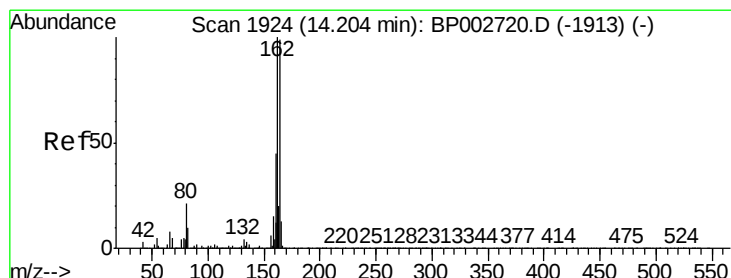
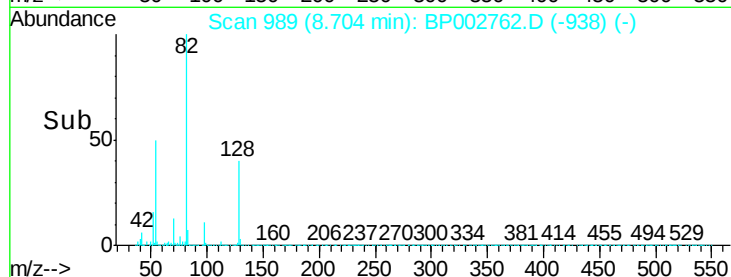
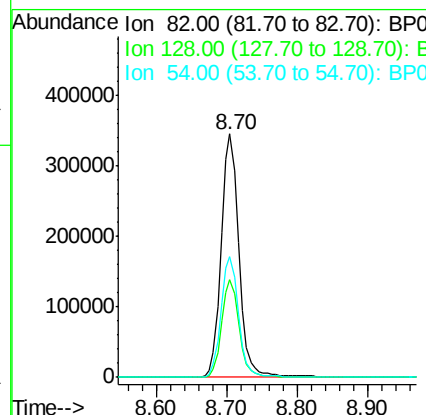
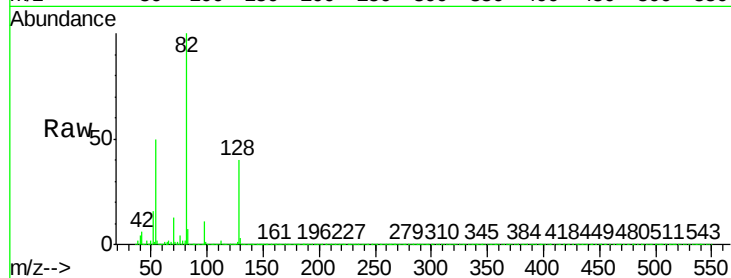
#23
Nitrobenzene-d5
Concen: 47.743 ng
RT: 8.70 min Scan# 989
Delta R.T. 0.00 min
Lab File: BP002762.D
Acq: 15 Jul 2020 19:37

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.4	33.8	50.8
54	49.5	38.8	58.2

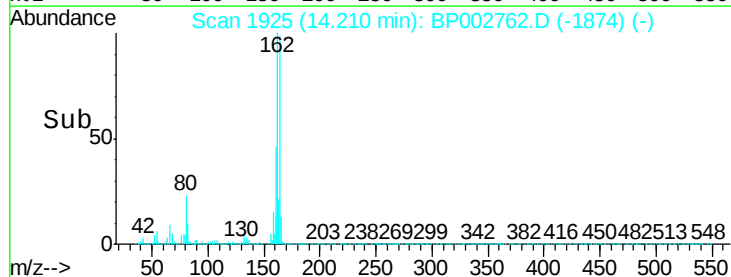
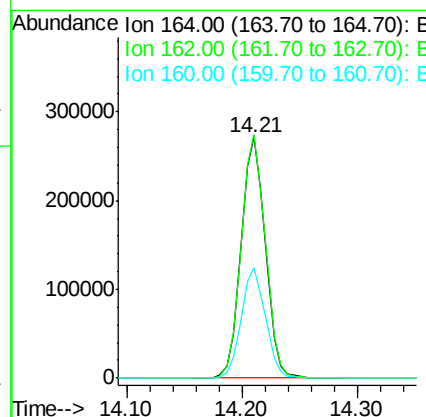
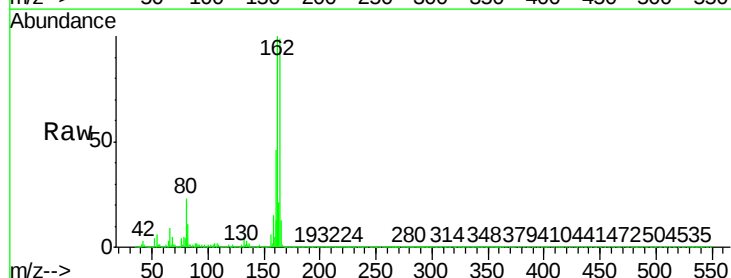
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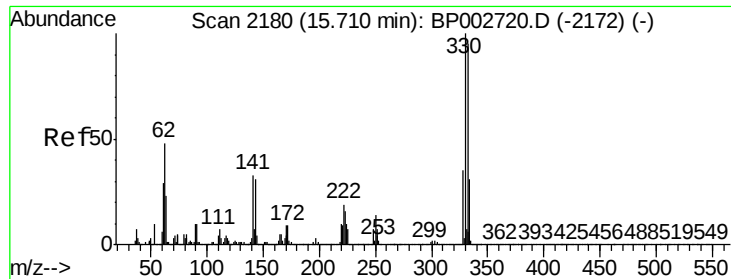
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.21 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BP002762.D
Acq: 15 Jul 2020 19:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.6	121.0
160	46.2	36.4	54.6





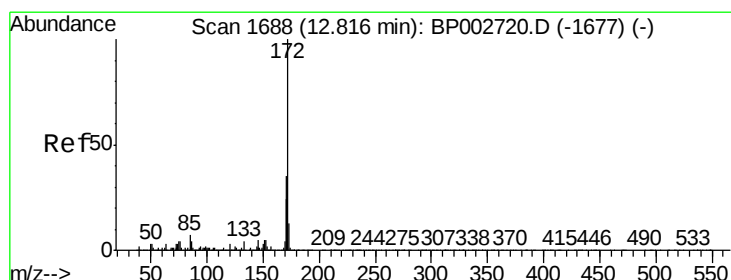
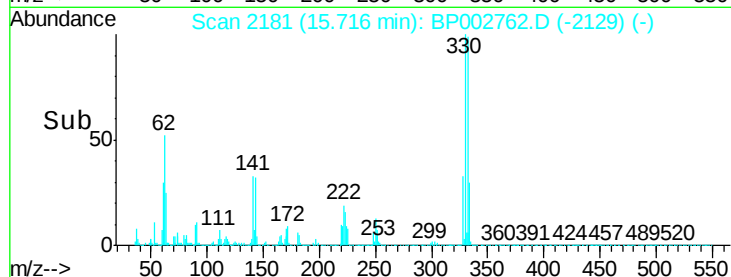
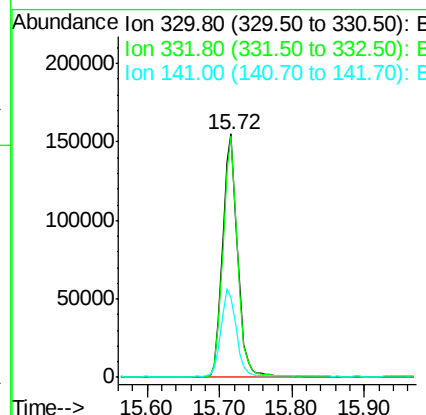
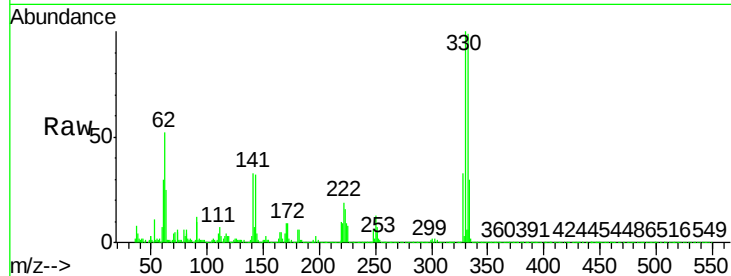
#42
 2,4,6-Tribromophenol
 Concen: 54.675 ng
 RT: 15.72 min Scan# 2181
 Delta R.T. 0.01 min
 Lab File: BP002762.D
 Acq: 15 Jul 2020 19:37

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100	224117		
332	96.5	76.5	114.7	
141	37.4	28.8	43.2	

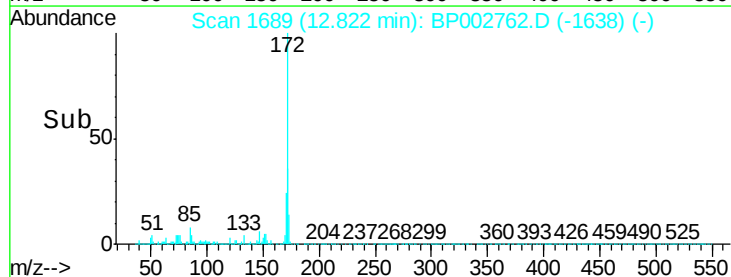
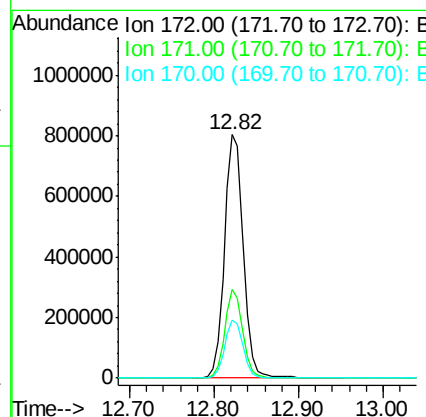
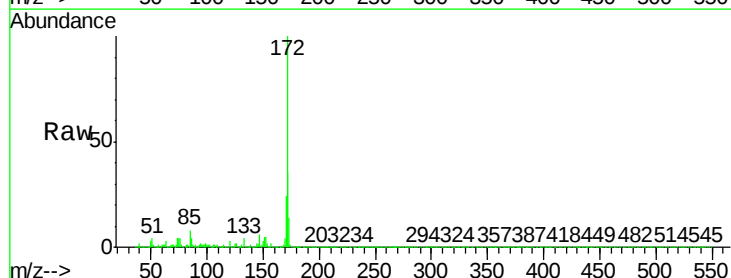
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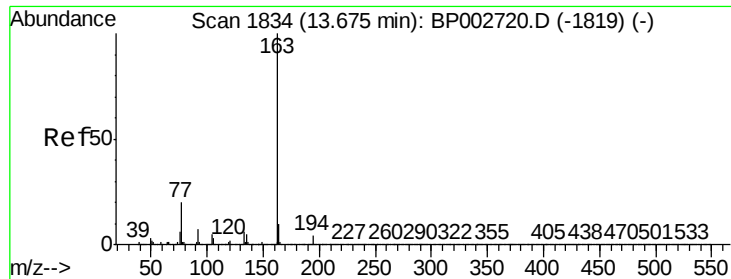
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#45
 2-Fluorobiphenyl
 Concen: 49.026 ng
 RT: 12.82 min Scan# 1689
 Delta R.T. 0.00 min
 Lab File: BP002762.D
 Acq: 15 Jul 2020 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1244507		
171	36.2	28.1	42.1	
170	23.9	19.3	28.9	





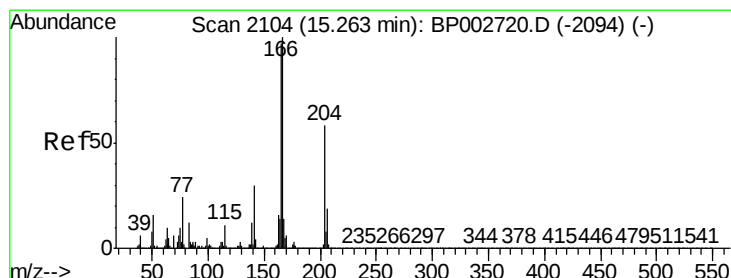
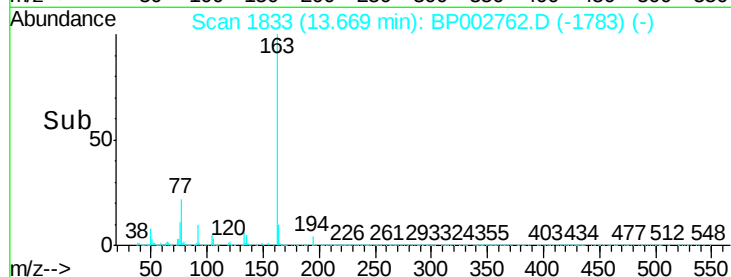
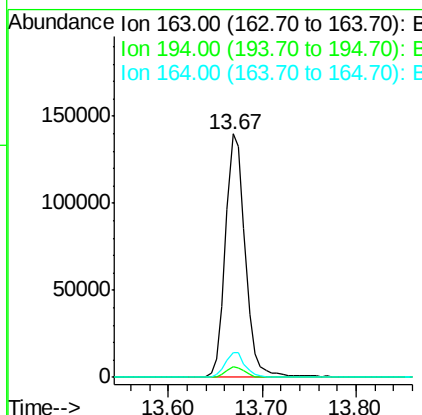
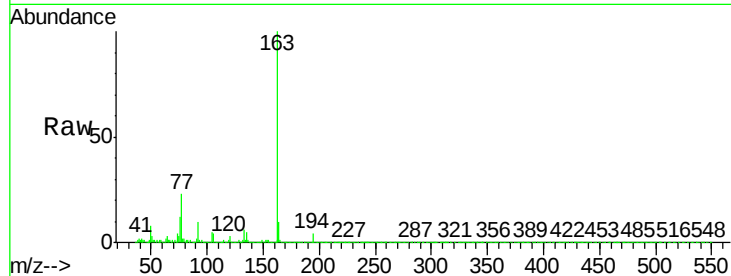
#50
Dimethylphthalate
Concen: 6.815 ng
RT: 13.67 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BP002762.D
Acq: 15 Jul 2020 19:37

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

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.2	7.8	11.8

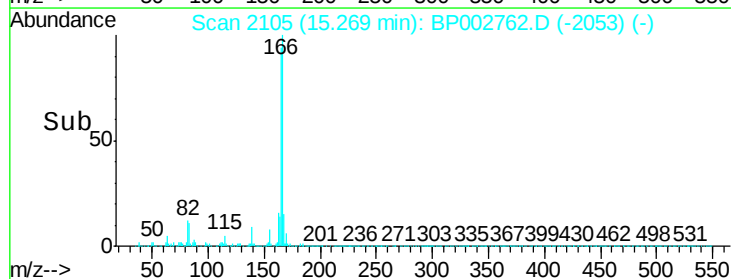
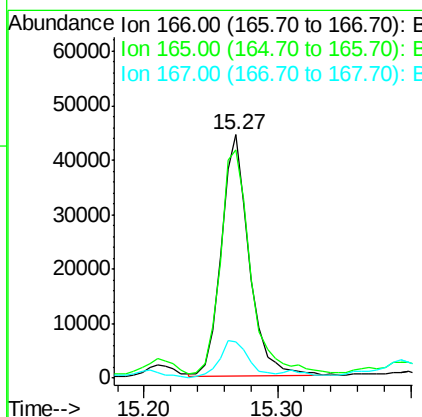
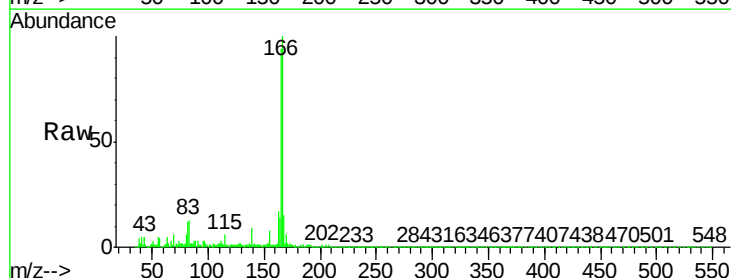
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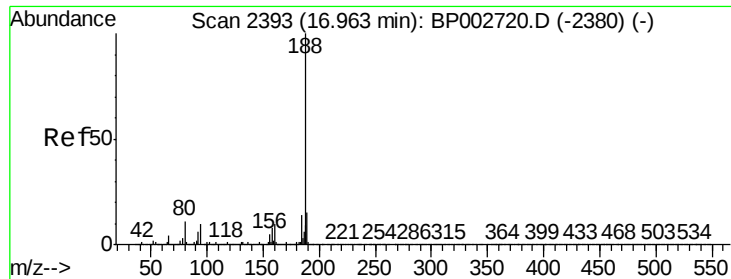
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#58
Fluorene
Concen: 2.419 ng
RT: 15.27 min Scan# 2105
Delta R.T. 0.01 min
Lab File: BP002762.D
Acq: 15 Jul 2020 19:37

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.9	77.7	116.5
167	14.8	11.0	16.6





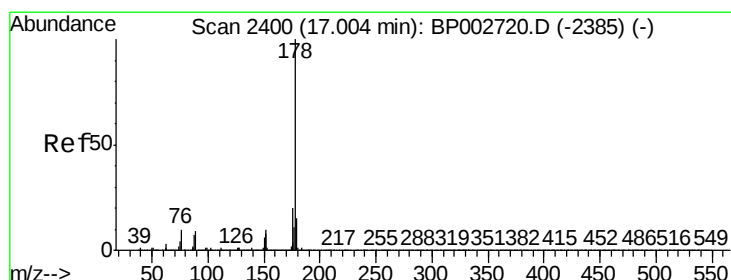
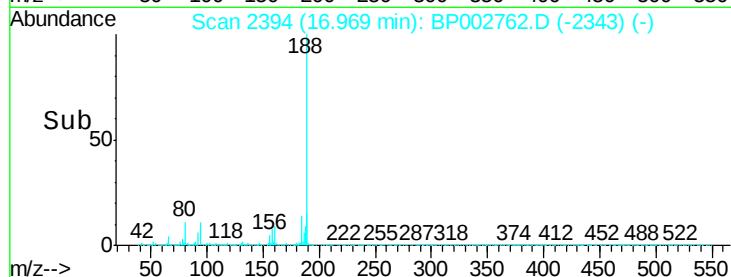
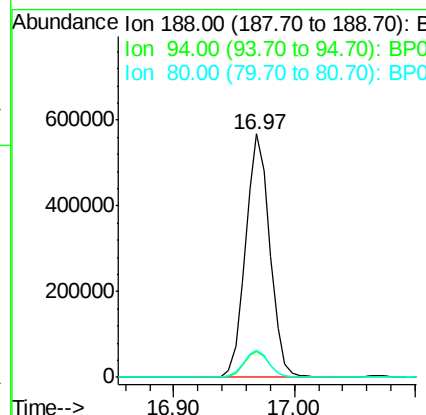
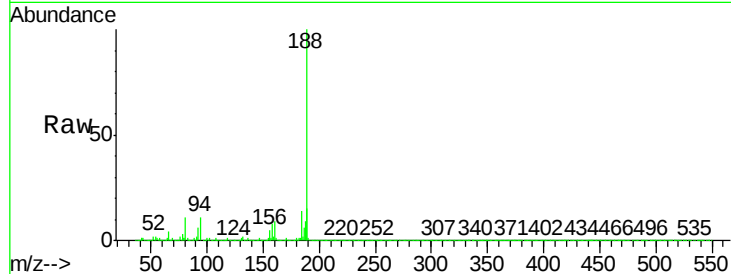
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2394
Delta R.T. 0.00 min
Lab File: BP002762.D
Acq: 15 Jul 2020 19:37

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

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.8	8.1	12.1
80	11.3	8.9	13.3

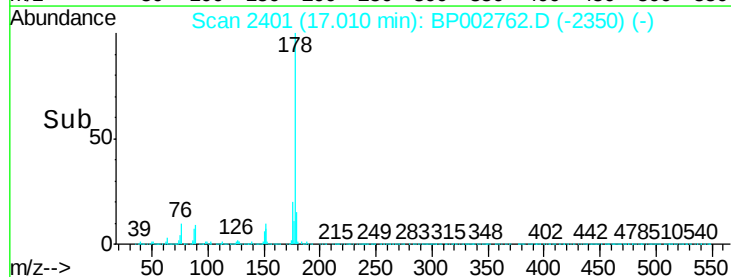
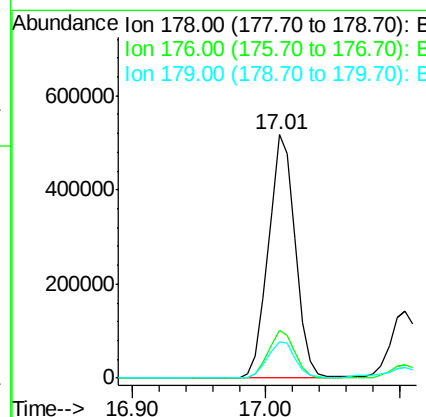
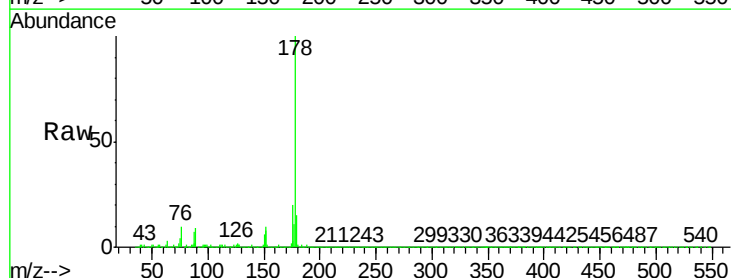
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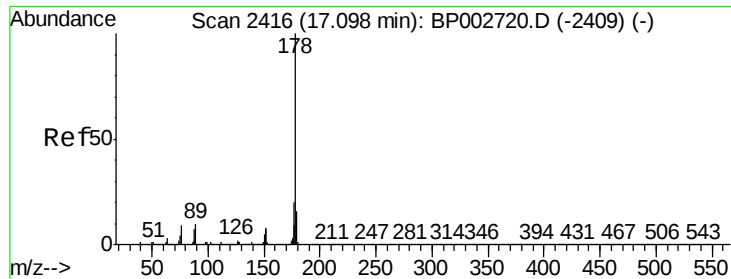
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#71
Phenanthrene
Concen: 16.740 ng
RT: 17.01 min Scan# 2401
Delta R.T. 0.00 min
Lab File: BP002762.D
Acq: 15 Jul 2020 19:37

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.7	15.9	23.9
179	14.9	12.3	18.5





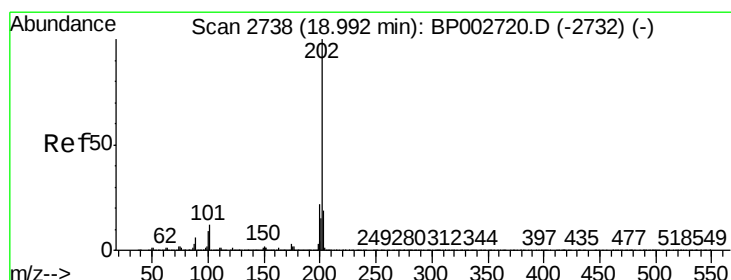
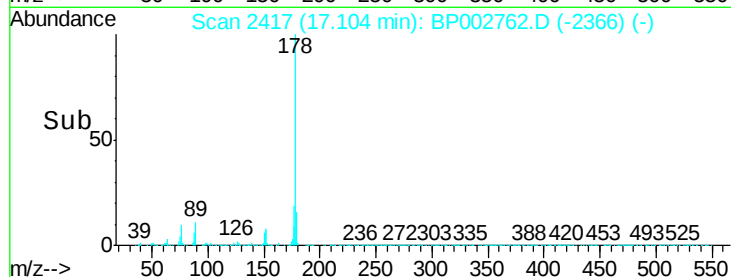
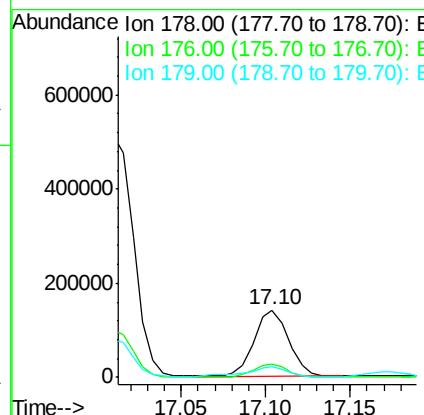
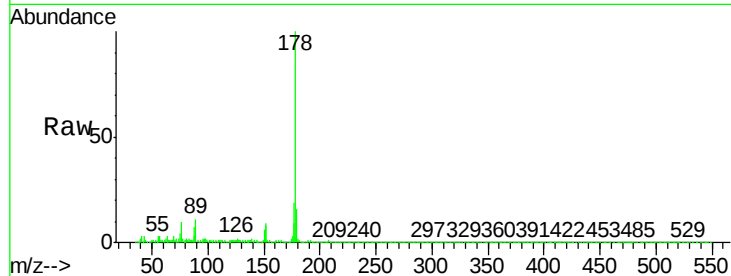
#72
 Anthracene
 Concen: 4.827 ng
 RT: 17.10 min Scan# 2417
 Delta R.T. 0.00 min
 Lab File: BP002762.D
 Acq: 15 Jul 2020 19:37

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

Tot Ion:	178	Resp:	203858
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.6	23.4
179	15.9	12.6	19.0

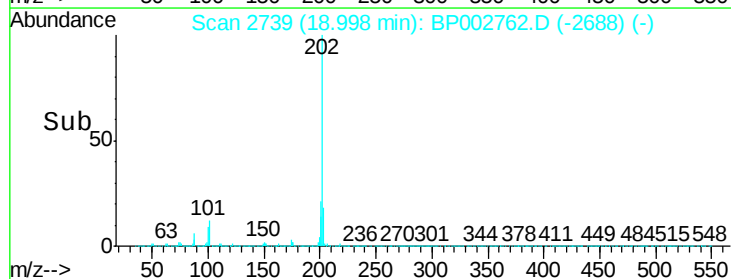
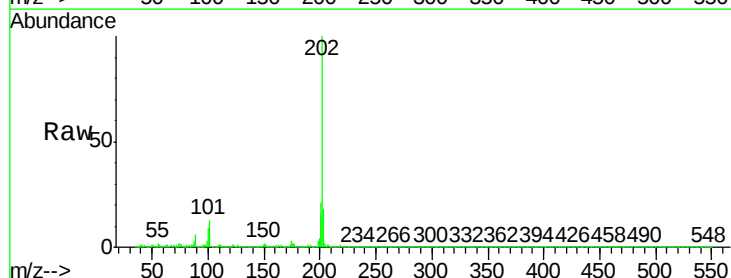
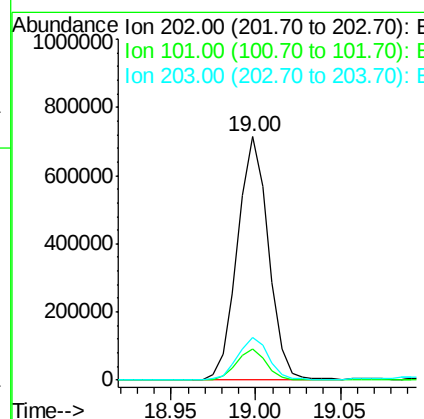
Manual Integrations
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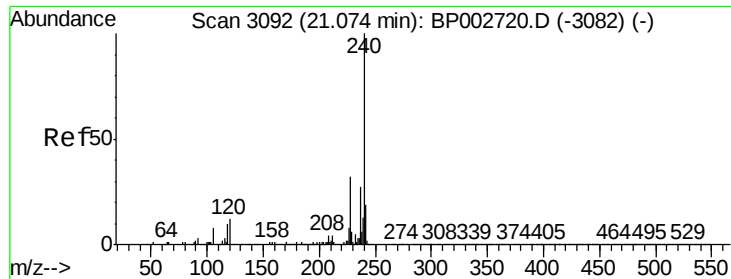
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#75
 Fluoranthene
 Concen: 18.234 ng
 RT: 19.00 min Scan# 2739
 Delta R.T. 0.00 min
 Lab File: BP002762.D
 Acq: 15 Jul 2020 19:37

Tgt Ion:	202	Resp:	909250
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	32.5
203	17.7	0.0	38.6





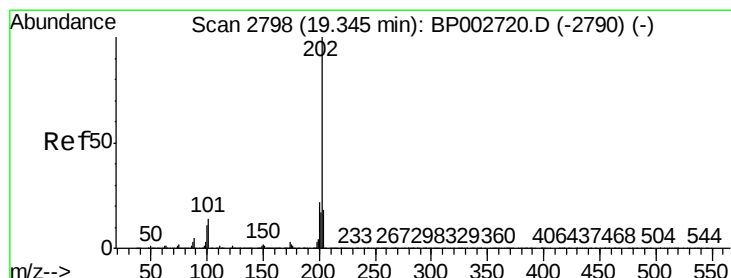
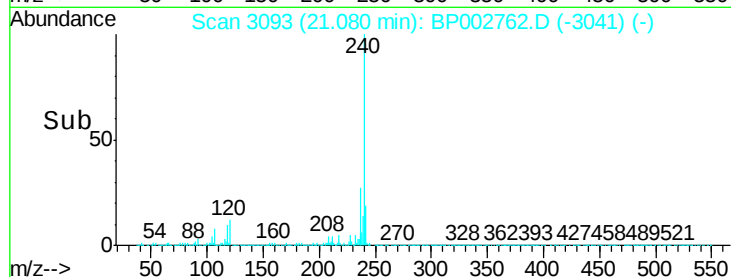
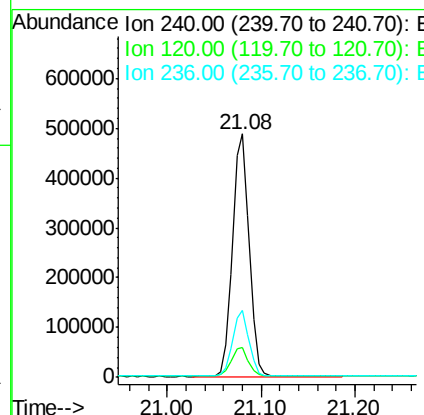
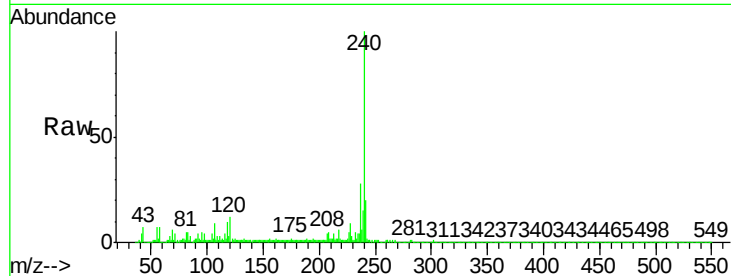
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.08 min Scan# 3093
Delta R.T. 0.01 min
Lab File: BP002762.D
Acq: 15 Jul 2020 19:37

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

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.4	14.2
236	27.7	21.3	31.9

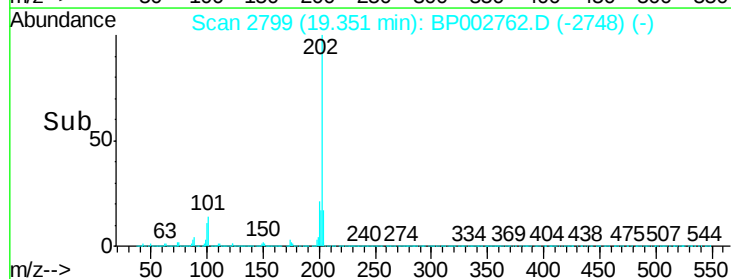
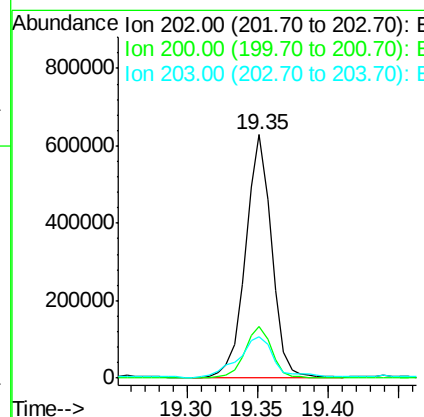
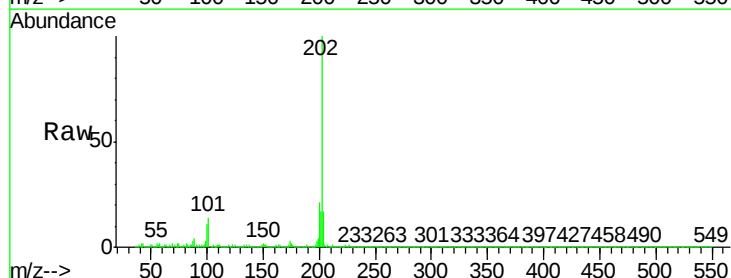
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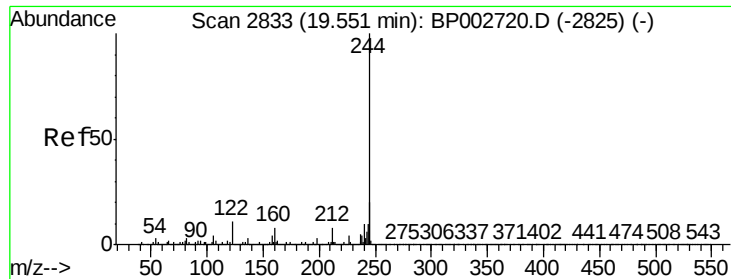
mohammad
7/16/2020 11:07:26 AM



#78
Pyrene
Concen: 19.575 ng
RT: 19.35 min Scan# 2799
Delta R.T. 0.00 min
Lab File: BP002762.D
Acq: 15 Jul 2020 19:37

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.7	26.5
203	17.2	14.5	21.7





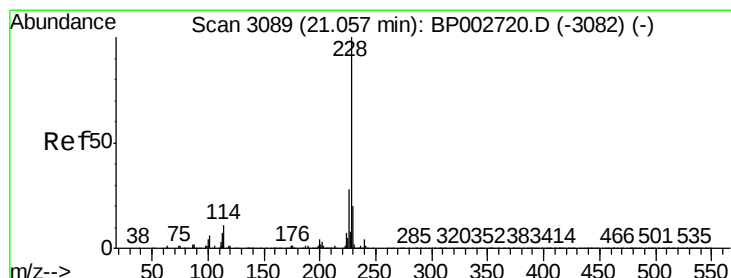
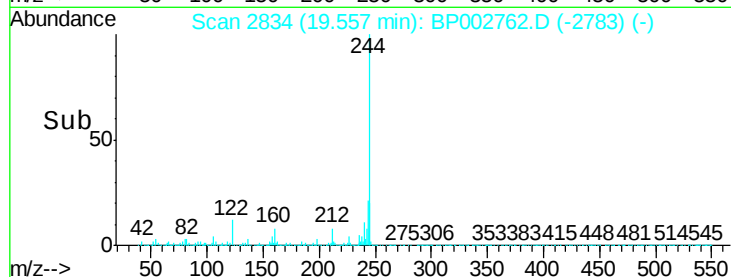
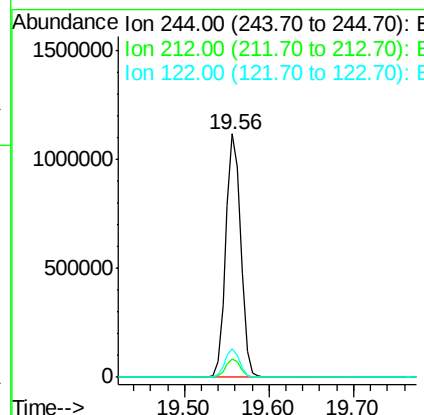
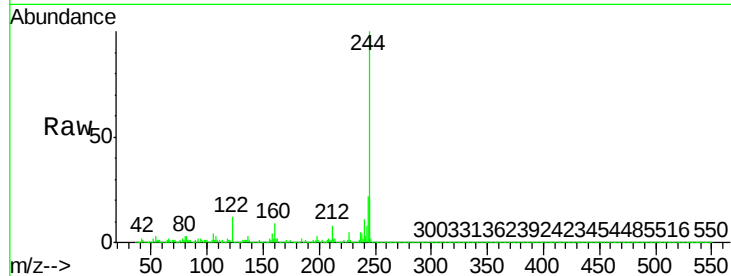
#79
 Terphenyl-d14
 Concen: 53.361 ng
 RT: 19.56 min Scan# 2834
 Delta R.T. 0.00 min
 Lab File: BP002762.D
 Acq: 15 Jul 2020 19:37

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	11.7	8.9	13.3

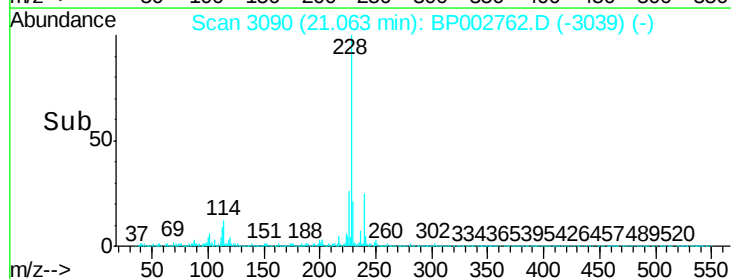
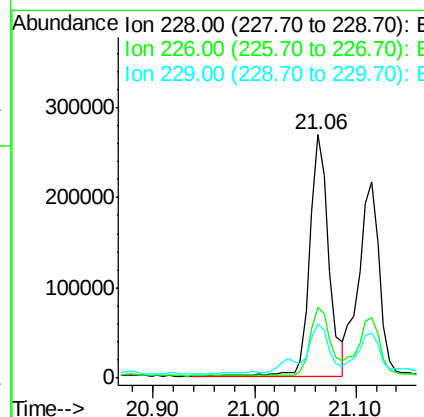
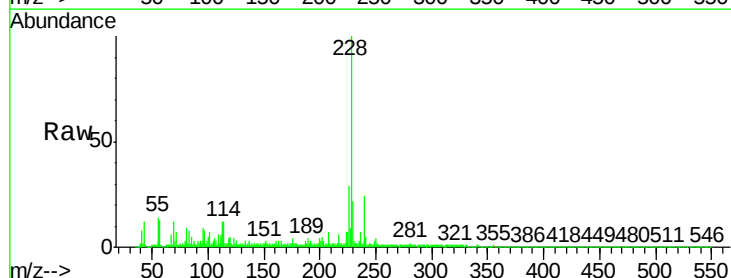
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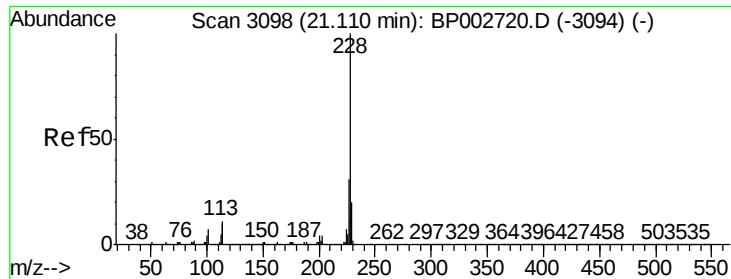
mohammad
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#81
 Benzo(a)anthracene
 Concen: 9.023 ng
 RT: 21.06 min Scan# 3090
 Delta R.T. 0.00 min
 Lab File: BP002762.D
 Acq: 15 Jul 2020 19:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	34.0
229	22.2	16.0	24.0





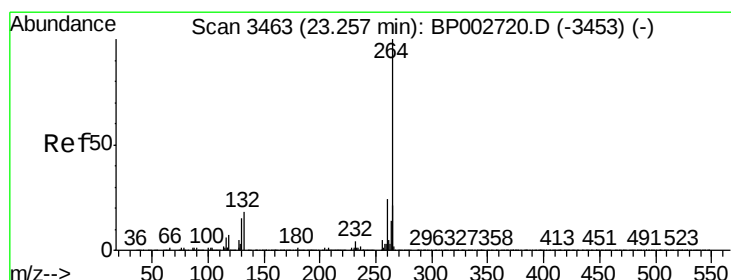
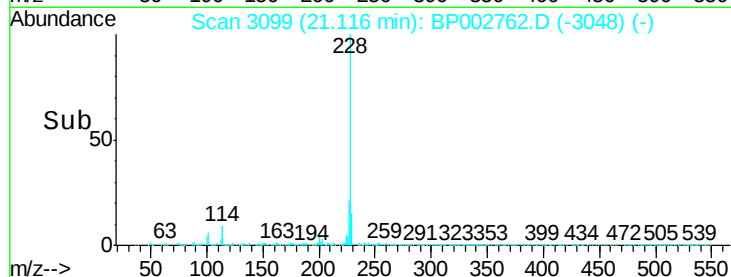
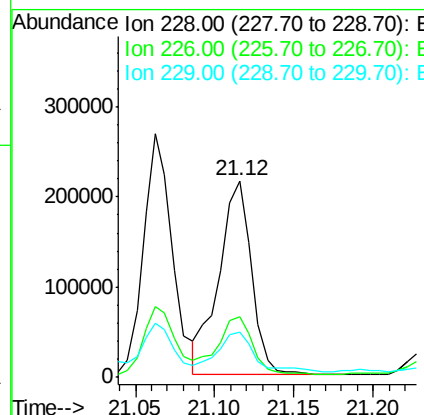
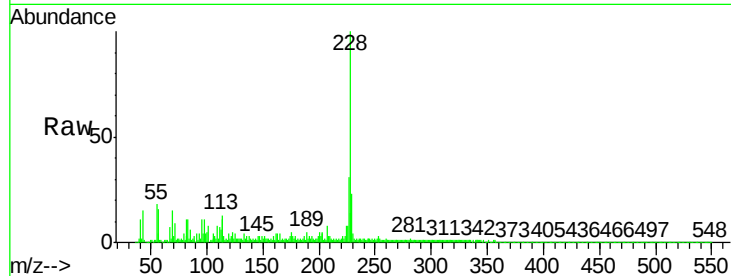
#83
Chrysene
Concen: 8.396 ng
RT: 21.12 min Scan# 3099
Delta R.T. 0.00 min
Lab File: BP002762.D
Acq: 15 Jul 2020 19:37

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

Tot Ion:	228	Resp:	308217
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.6	37.0
229	23.1	15.7	23.5

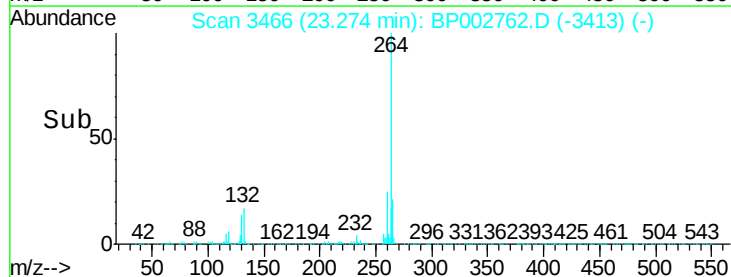
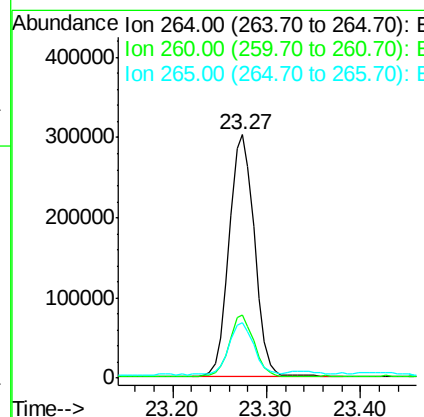
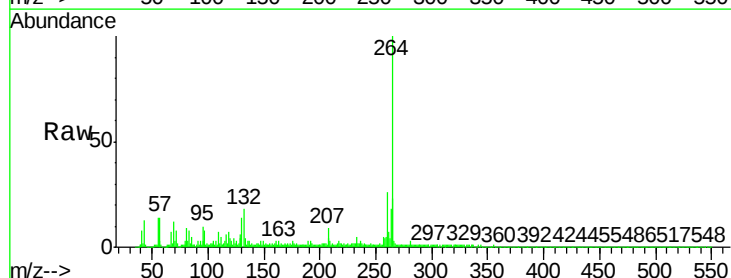
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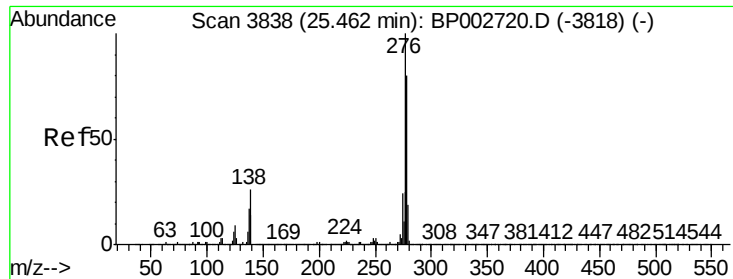
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.27 min Scan# 3466
Delta R.T. 0.01 min
Lab File: BP002762.D
Acq: 15 Jul 2020 19:37

Tgt Ion:	264	Resp:	563902
Ion Ratio	Lower	Upper	
264	100		
260	25.8	19.3	28.9
265	22.5	16.8	25.2





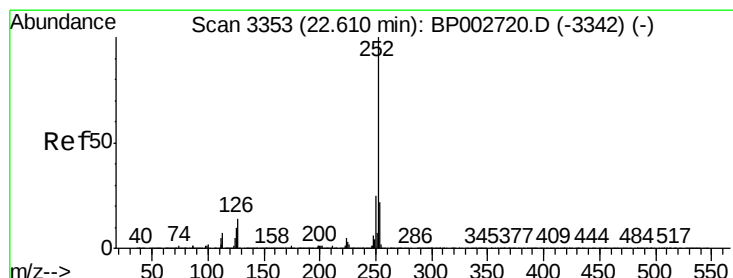
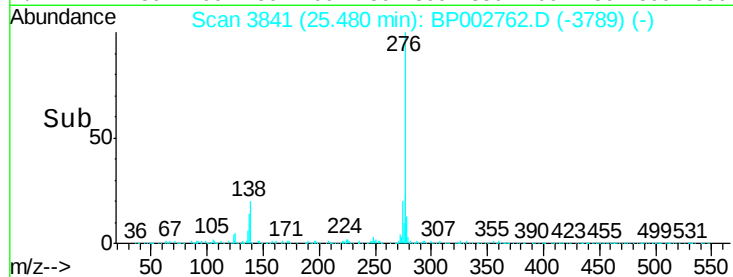
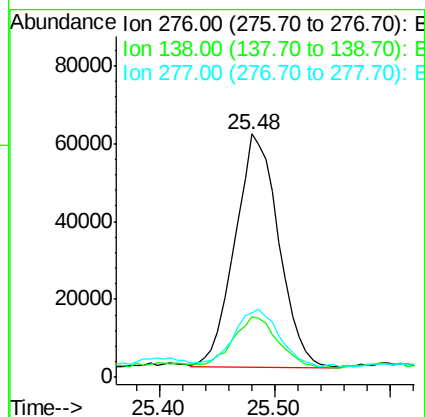
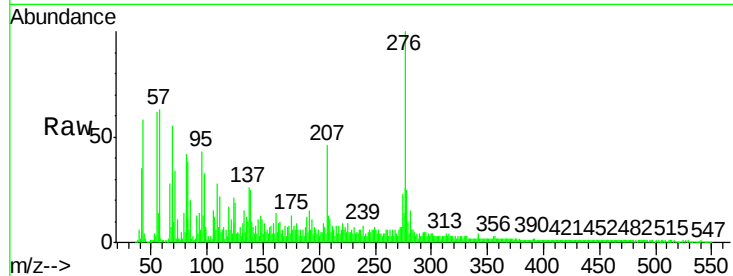
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.851 ng
 RT: 25.48 min Scan# 3841
 Delta R.T. 0.01 min
 Lab File: BP002762.D
 Acq: 15 Jul 2020 19:37

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.0	20.8	31.2
277	25.0	20.0	30.0

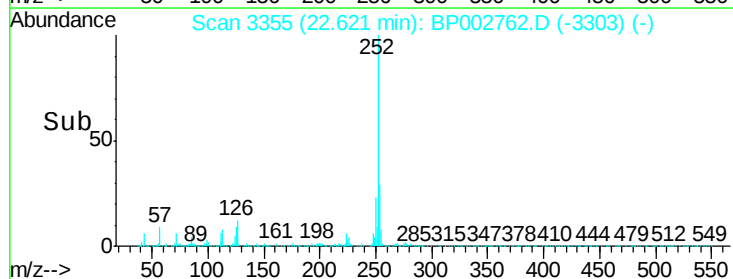
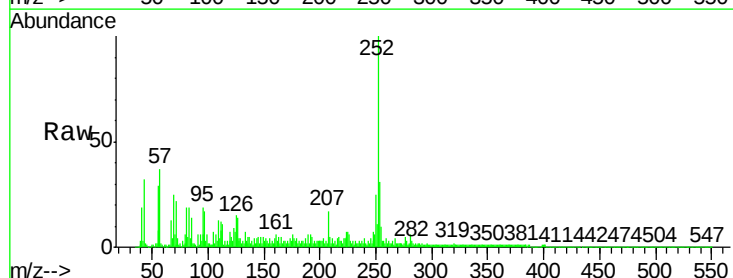
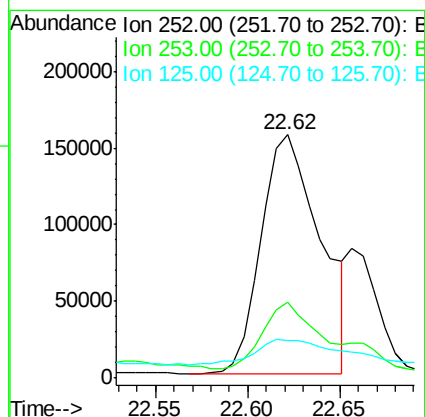
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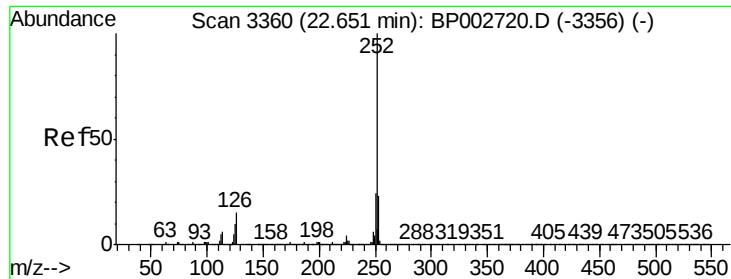
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 9.971 ng m
 RT: 22.62 min Scan# 3355
 Delta R.T. 0.01 min
 Lab File: BP002762.D
 Acq: 15 Jul 2020 19:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.2	17.7	26.5#
125	15.2	8.2	12.2#





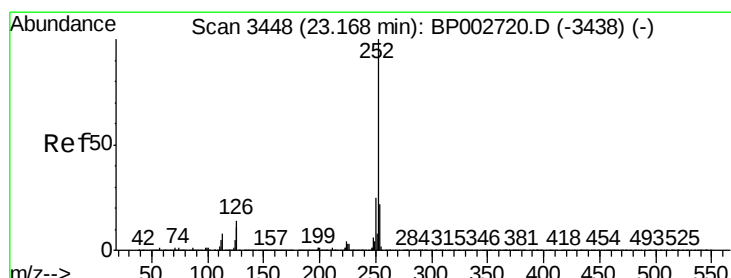
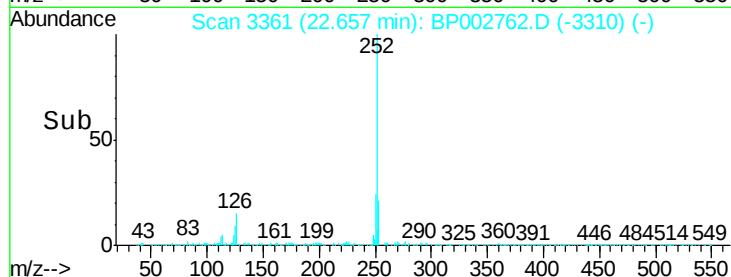
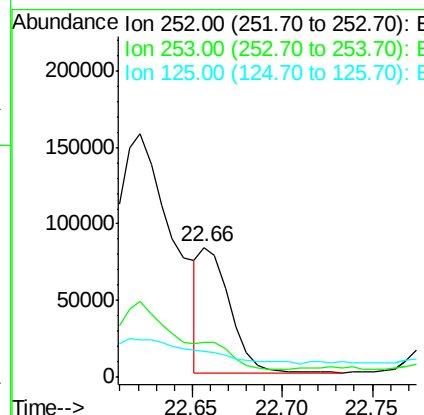
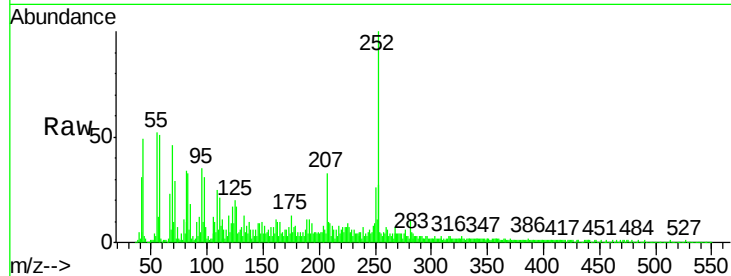
#89
Benzo(k)fluoranthene
Concen: 2.756 ng m
RT: 22.66 min Scan# 3361
Delta R.T. 0.00 min
Lab File: BP002762.D
Acq: 15 Jul 2020 19:37

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.4	17.8	26.8#
125	20.1	8.3	12.5#

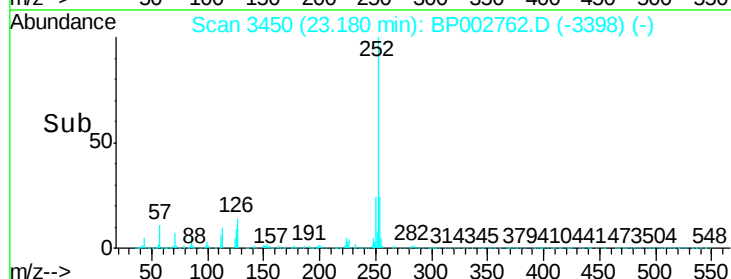
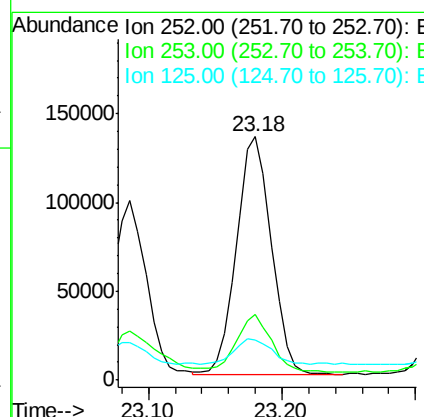
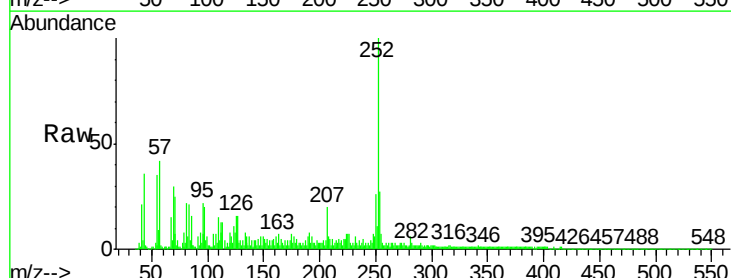
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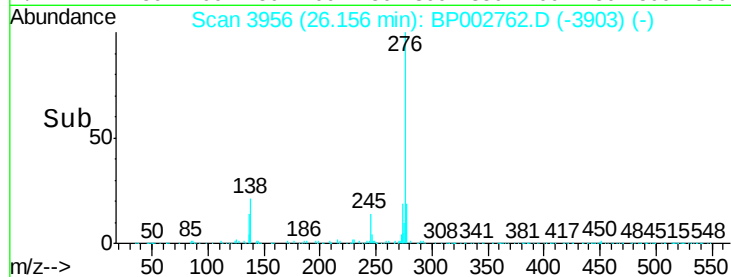
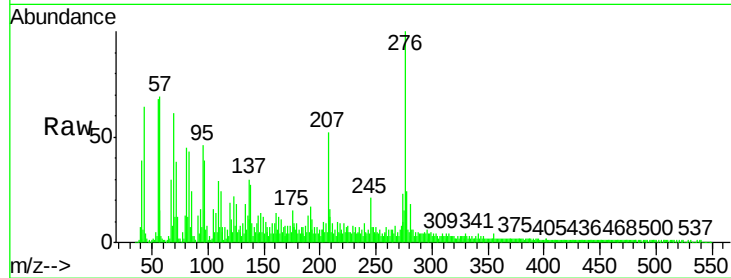
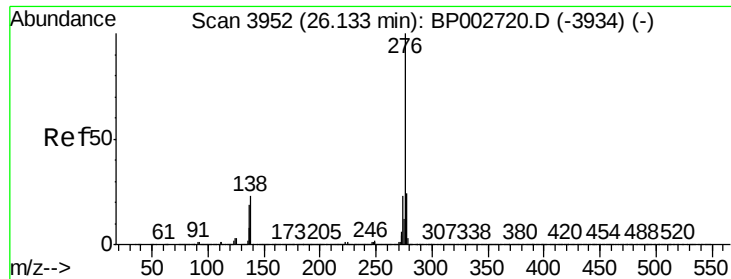
mohammad
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#90
Benzo(a)pyrene
Concen: 7.318 ng
RT: 23.18 min Scan# 3450
Delta R.T. 0.01 min
Lab File: BP002762.D
Acq: 15 Jul 2020 19:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.6	26.4#
125	16.4	8.6	13.0#





#92
 Benzo(a,h,i)perylene
 Concen: 4.755 ng
 RT: 26.16 min Scan# 3956
 Delta R.T. 0.01 min
 Lab File: BP002762.D
 Acq: 15 Jul 2020 19:37

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

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.1	28.7
138	26.6	18.3	27.5

Manual Integrations
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