

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
 Data File : BP002764.D
 Acq On : 15 Jul 2020 20:45
 Operator : CG/JU
 Sample : L3303-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FK-GF-03-014-B

Manual Integrations
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mohammad
 7/16/2020 11:07:29 AM

Quant Time: Jul 16 01:44:58 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	164012	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	650628	20.00	ng	0.00
39) Acenaphthene-d10	14.21	164	386213	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	780694	20.00	ng	0.00
76) Chrysene-d12	21.08	240	581943	20.00	ng	0.00
86) Perylene-d12	23.28	264	548086	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	792582	81.53	ng	0.00
7) Phenol-d6	6.76	99	1041835	75.10	ng	0.00
23) Nitrobenzene-d5	8.70	82	635543	52.24	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	296917	73.65	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	1296361	51.93	ng	0.00
79) Terphenyl-d14	19.56	244	1471739	57.98	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	13.67	163	782234	26.558	ng	100
58) Fluorene	15.27	166	58793	2.249	ng	98
71) Phenanthrene	17.02	178	613162	14.506	ng	100
72) Anthracene	17.10	178	184882	4.457	ng	99
75) Fluoranthene	19.00	202	885905	18.088	ng	98
78) Pyrene	19.35	202	790771	19.681	ng	99
81) Benzo(a)anthracene	21.07	228	328522	8.721	ng	96
83) Chrysene	21.12	228	305589m	8.522	ng	
87) Indeno(1,2,3-cd)pyrene	25.49	276	168380	4.251	ng	96
88) Benzo(b)fluoranthene	22.62	252	350831m	10.309	ng	
89) Benzo(k)fluoranthene	22.66	252	105885m	3.159	ng	
90) Benzo(a)pyrene	23.18	252	253085	7.847	ng	# 94
92) Benzo(a,h,i)perylene	26.16	276	171948	5.308	ng	96

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

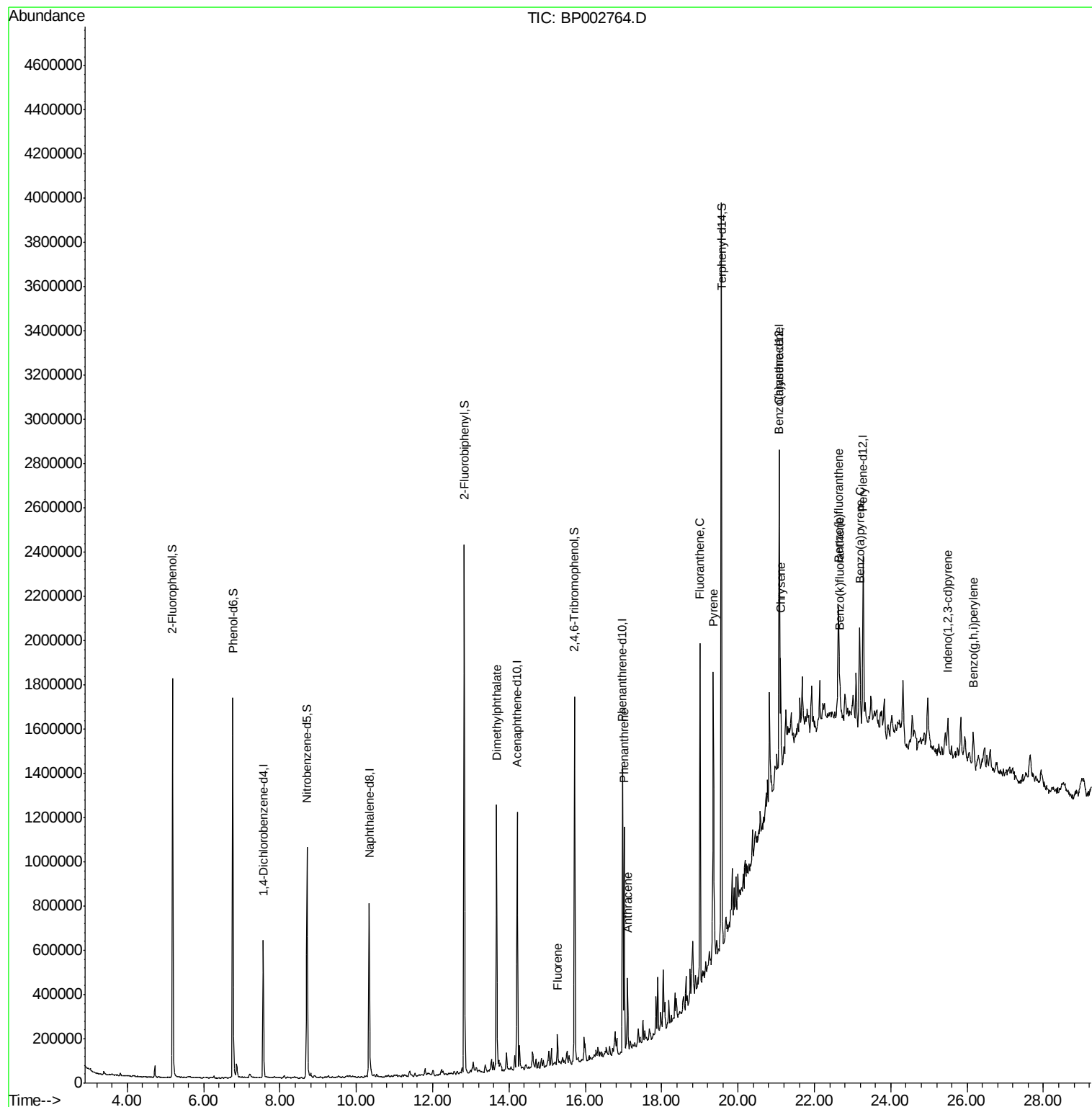
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002764.D
Acq On : 15 Jul 2020 20:45
Operator : CG/JU
Sample : L3303-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

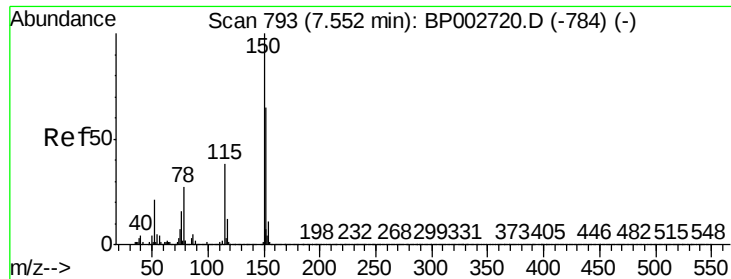
Instrument :
BNA_P
ClientSampleId :
FK-GF-03-014-B

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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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Response via : Initial Calibration





#1

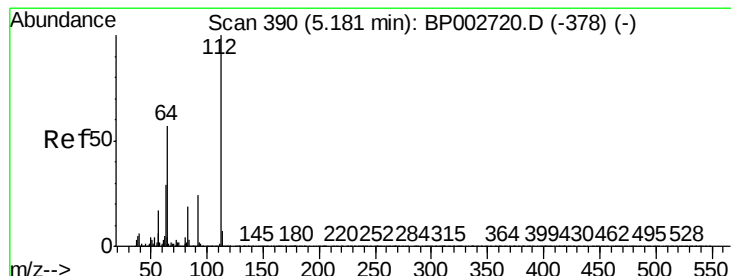
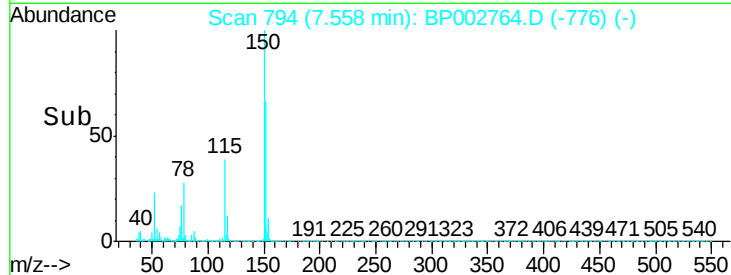
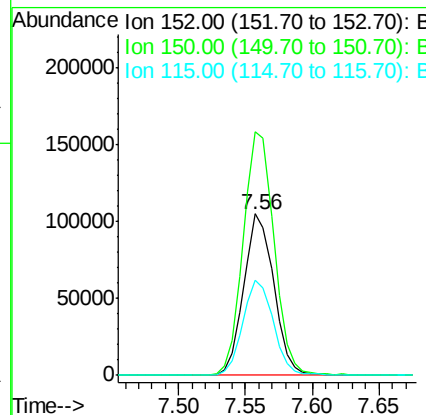
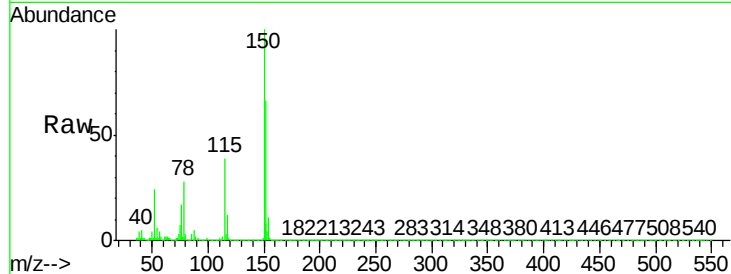
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 794
Delta R.T. 0.01 min
Lab File: BP002764.D
Acq: 15 Jul 2020 20:45

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-014-B

Tot Ion	Ratio	Resp	Lower	Upper
152	100	164012		
150	151.0	123.7	185.5	
115	59.0	47.2	70.8	

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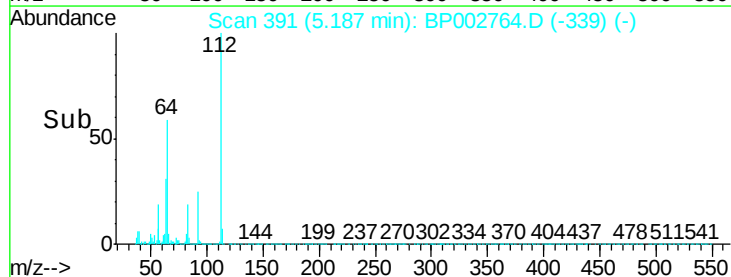
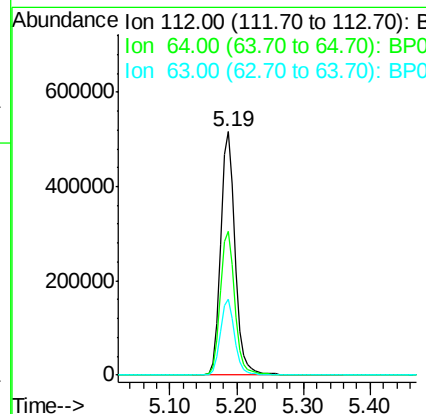
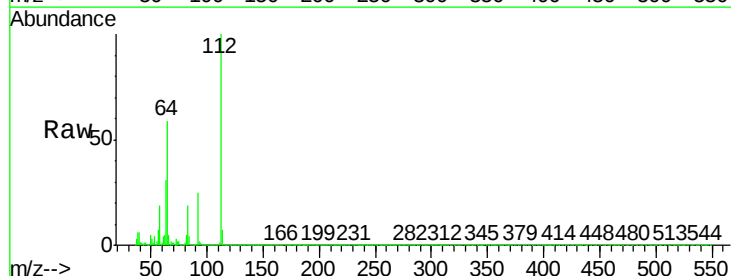
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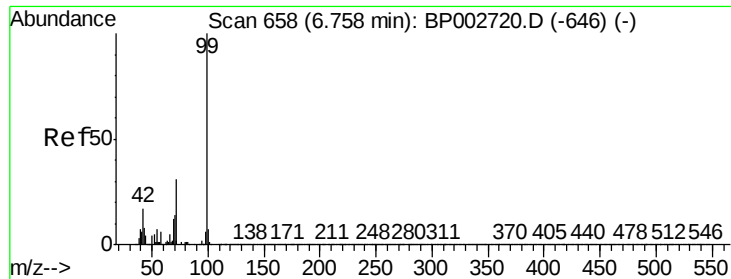


#5

2-Fluorophenol
Concen: 81.533 ng
RT: 5.19 min Scan# 391
Delta R.T. 0.01 min
Lab File: BP002764.D
Acq: 15 Jul 2020 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	792582		
64	59.2	45.6	68.4	
63	30.9	23.5	35.3	





#7

Phenol-d6

Concen: 75.095 ng

RT: 6.76 min Scan# 659

Delta R.T. 0.01 min

Lab File: BP002764.D

Acq: 15 Jul 2020 20:45

Instrument :

BNA_P

ClientSampleId :

FK-GF-03-014-B

Tot Ion: 99 Resp: 1041835

Ion Ratio Lower Upper

99 100

42 17.9 13.4 20.2

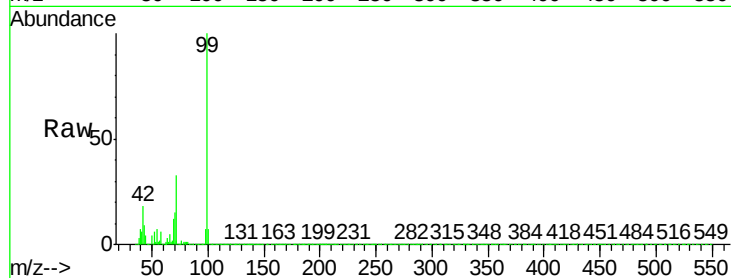
71 32.6 24.6 36.8

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Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0

6.76

800000

600000

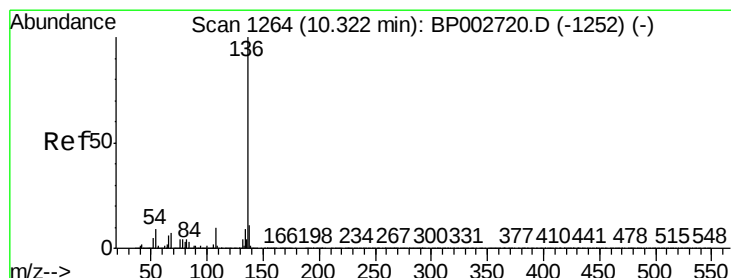
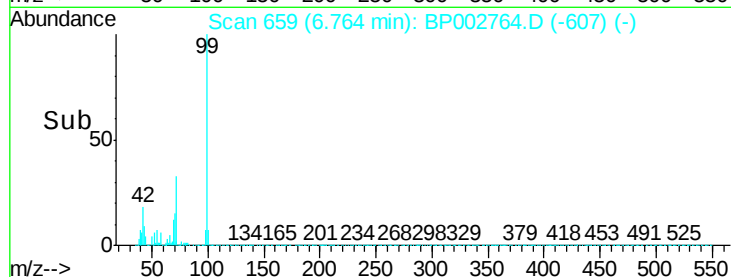
400000

200000

0

6.70 6.80 6.90

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.33 min Scan# 1266

Delta R.T. 0.01 min

Lab File: BP002764.D

Acq: 15 Jul 2020 20:45

Tgt Ion: 136 Resp: 650628

Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 8.6 6.9 10.3

68 7.6 5.7 8.5

Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

10.33

500000

400000

300000

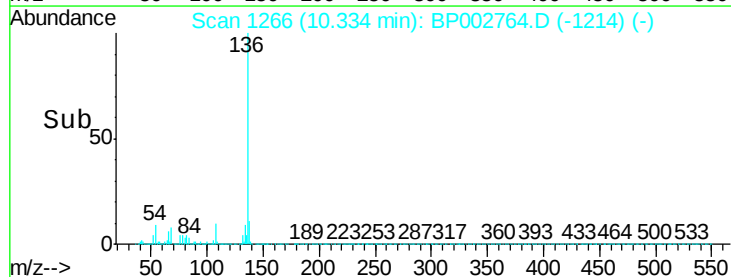
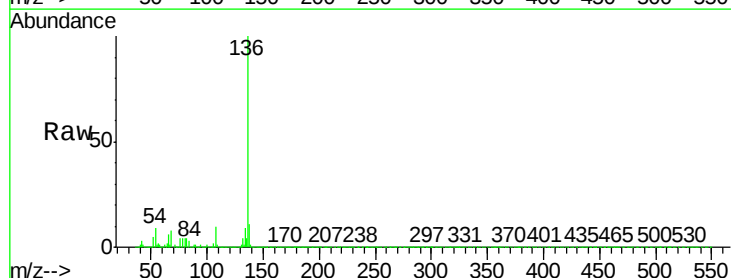
200000

100000

0

10.20 10.30 10.40 10.50

Time-->





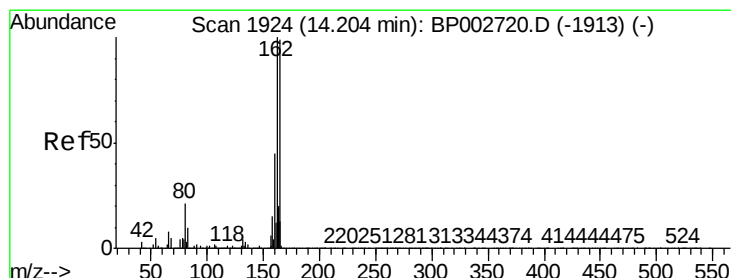
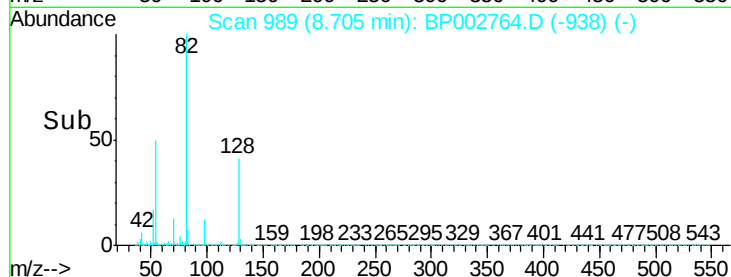
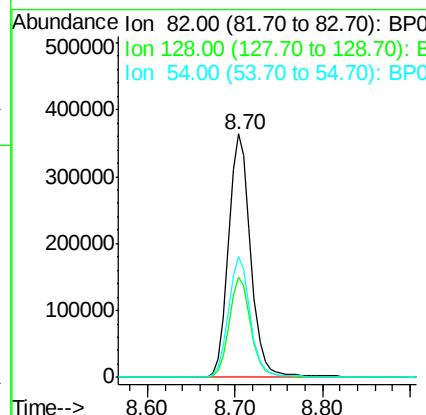
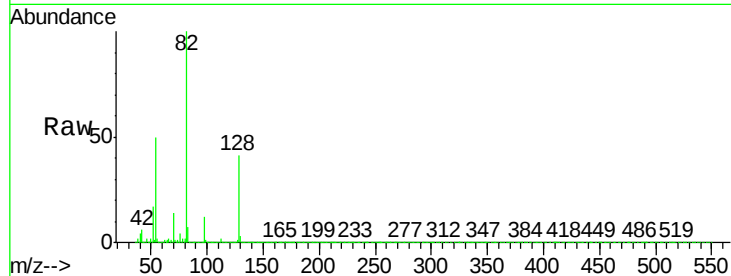
#23
Nitrobenzene-d5
Concen: 52.244 ng
RT: 8.70 min Scan# 989
Delta R.T. 0.00 min
Lab File: BP002764.D
Acq: 15 Jul 2020 20:45

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-014-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.2	33.8	50.8
54	49.8	38.8	58.2

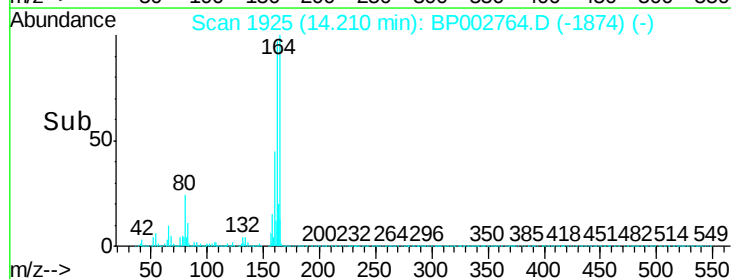
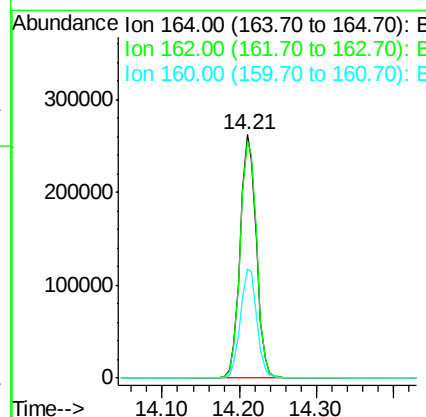
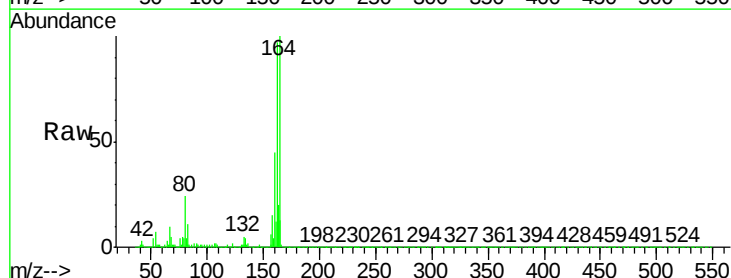
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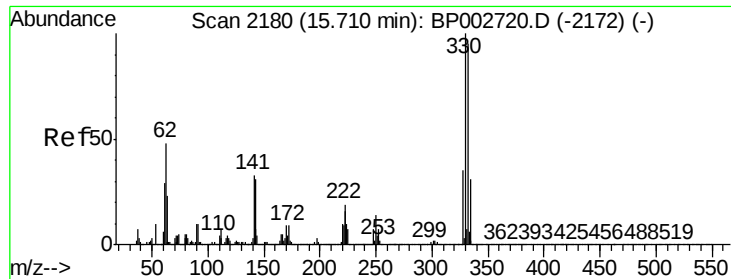
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.21 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BP002764.D
Acq: 15 Jul 2020 20:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.3	80.6	121.0
160	44.8	36.4	54.6





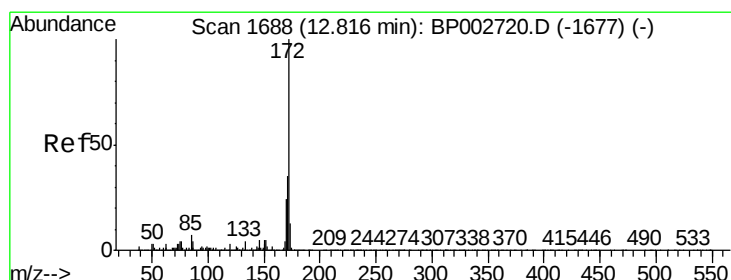
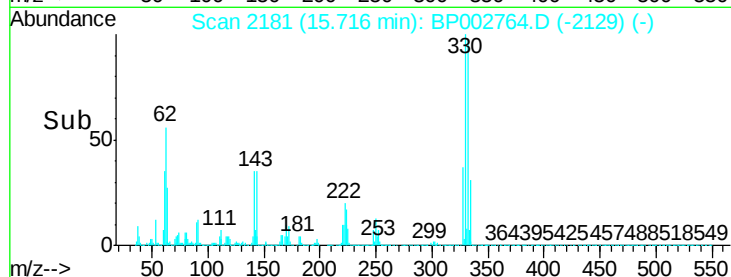
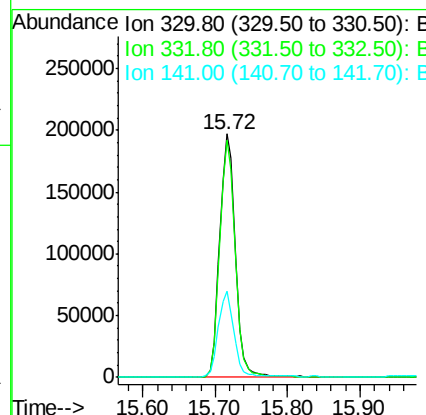
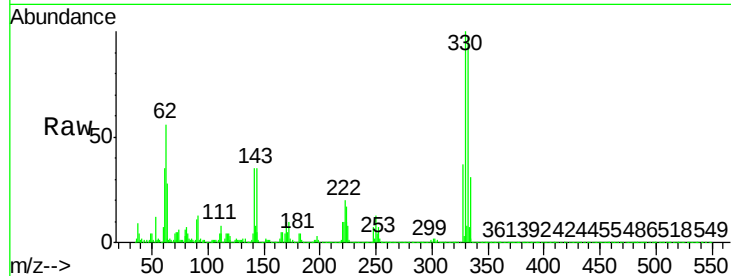
#42
2,4,6-Tribromophenol
Concen: 73.650 ng
RT: 15.72 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BP002764.D
Acq: 15 Jul 2020 20:45

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-014-B

Tot Ion	Ratio	Resp	Lower	Upper
330	100	296917		
332	96.3	76.5	114.7	
141	34.6	28.8	43.2	

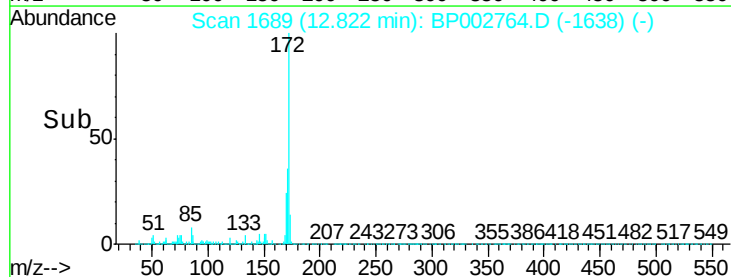
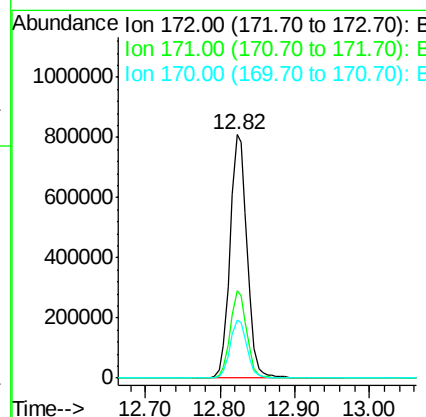
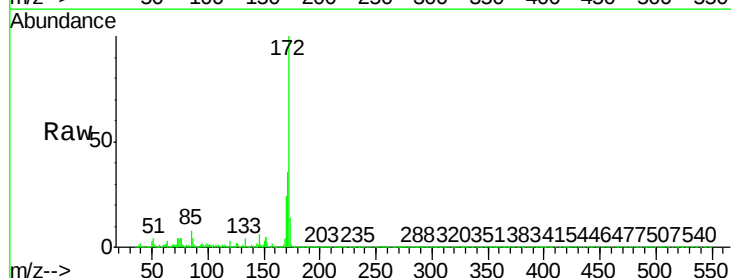
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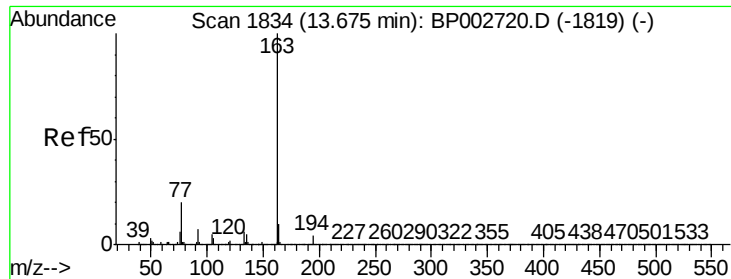
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#45
2-Fluorobiphenyl
Concen: 51.926 ng
RT: 12.82 min Scan# 1689
Delta R.T. 0.00 min
Lab File: BP002764.D
Acq: 15 Jul 2020 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1296361		
171	36.0	28.1	42.1	
170	23.6	19.3	28.9	





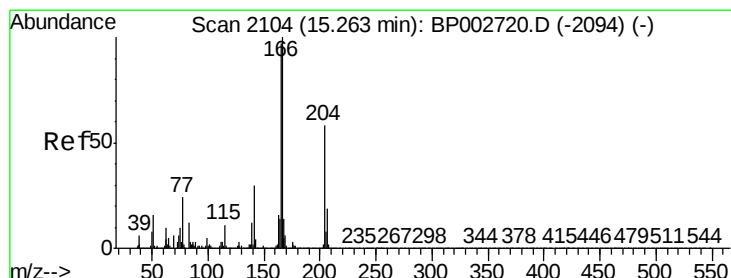
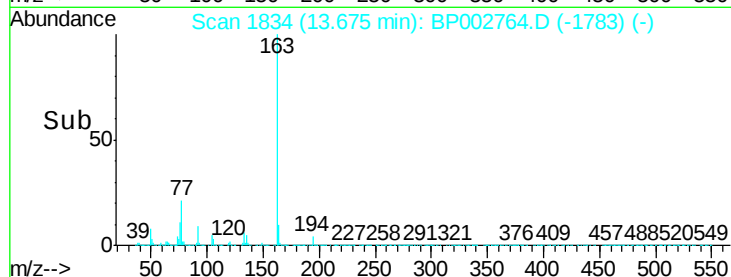
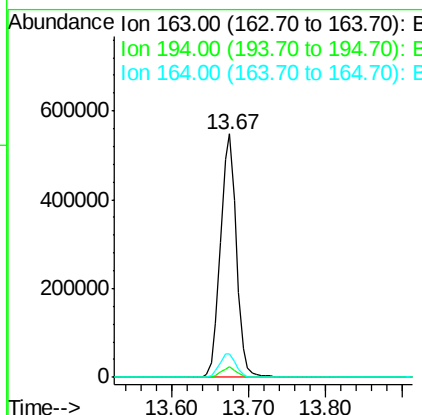
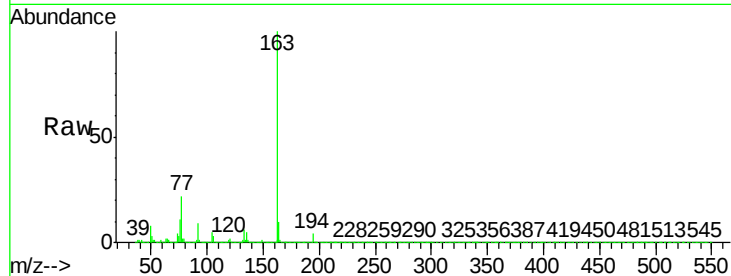
#50
Dimethylphthalate
Concen: 26.558 ng
RT: 13.67 min Scan# 1834
Delta R.T. 0.00 min
Lab File: BP002764.D
Acq: 15 Jul 2020 20:45

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-014-B

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	9.7	7.8	11.8

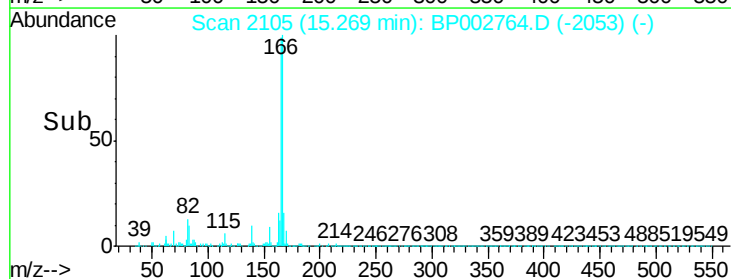
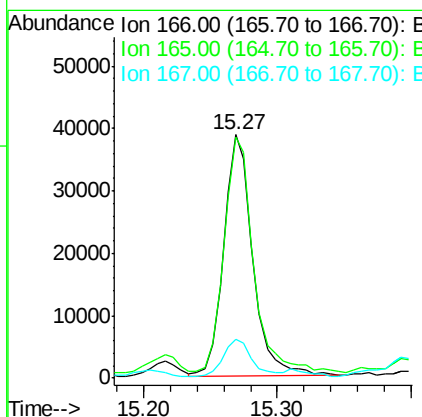
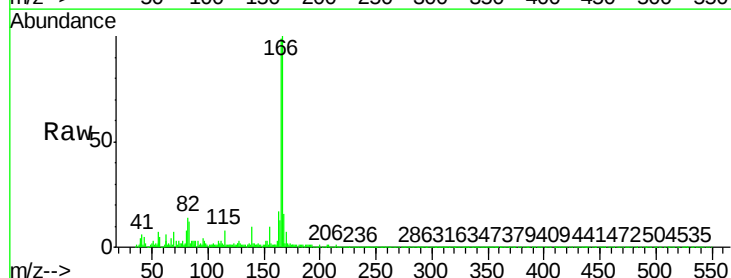
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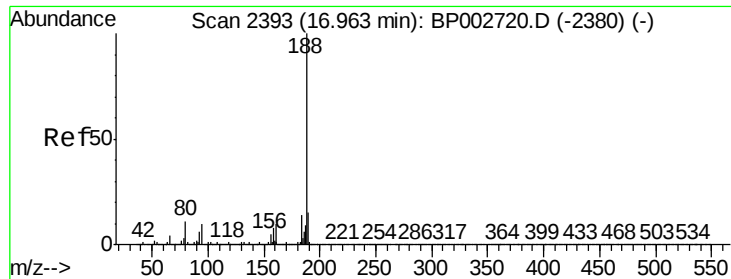
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#58
Fluorene
Concen: 2.249 ng
RT: 15.27 min Scan# 2105
Delta R.T. 0.01 min
Lab File: BP002764.D
Acq: 15 Jul 2020 20:45

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	77.7	116.5
167	15.8	11.0	16.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.97 min Scan# 2395

Delta R.T. 0.01 min

Lab File: BP002764.D

Acq: 15 Jul 2020 20:45

Instrument :

BNA_P

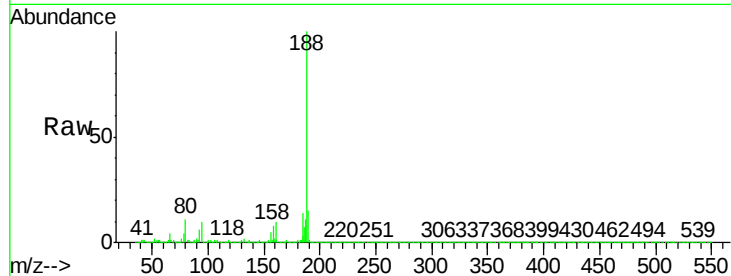
ClientSampleId :

FK-GF-03-014-B

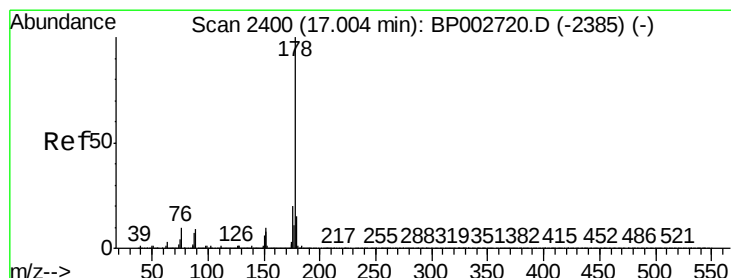
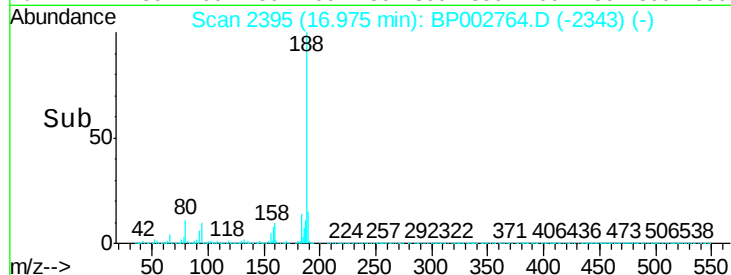
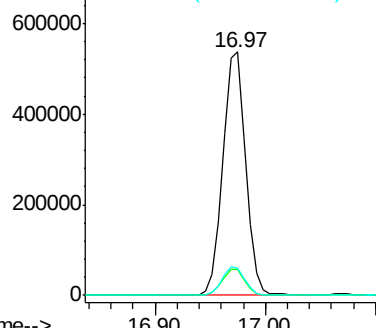
Tot Ion:	188	Resp:	780694
Ion Ratio	Lower	Upper	
188	100		
94	10.5	8.1	12.1
80	11.2	8.9	13.3

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Abundance Ion 188.00 (187.70 to 188.70): E



#71

Phenanthrene

Concen: 14.506 ng

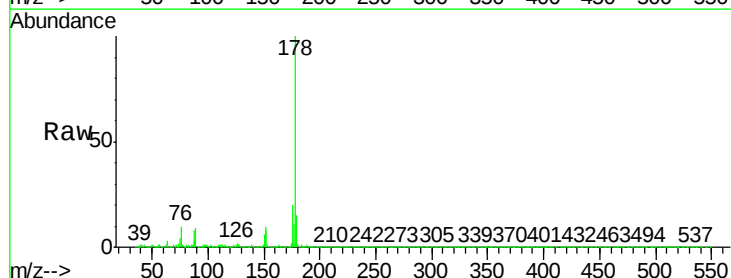
RT: 17.02 min Scan# 2402

Delta R.T. 0.01 min

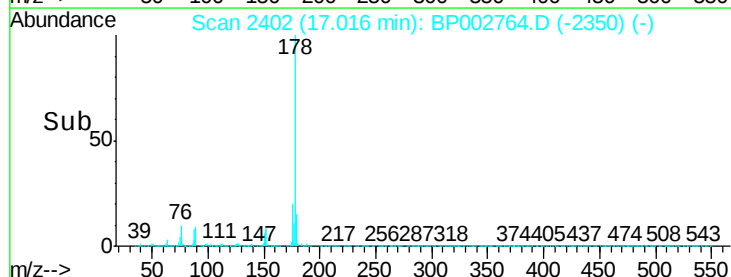
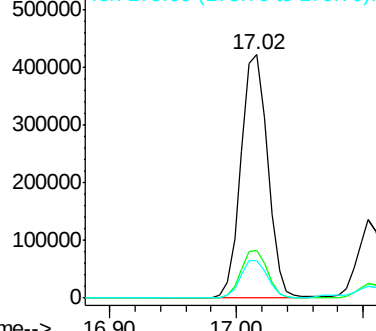
Lab File: BP002764.D

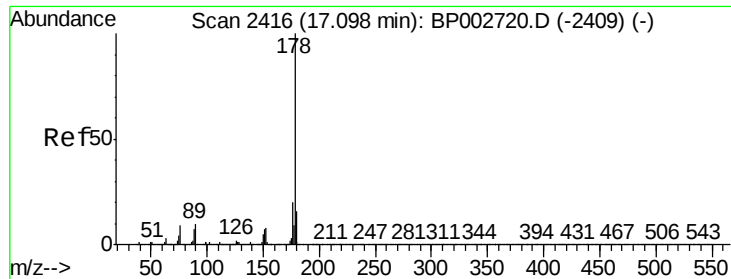
Acq: 15 Jul 2020 20:45

Tgt Ion:	178	Resp:	613162
Ion Ratio	Lower	Upper	
178	100		
176	19.7	15.9	23.9
179	15.4	12.3	18.5



Abundance Ion 178.00 (177.70 to 178.70): E





#72

Anthracene

Concen: 4.457 ng

RT: 17.10 min Scan# 2417

Delta R.T. 0.00 min

Lab File: BP002764.D

Acq: 15 Jul 2020 20:45

Instrument :

BNA_P

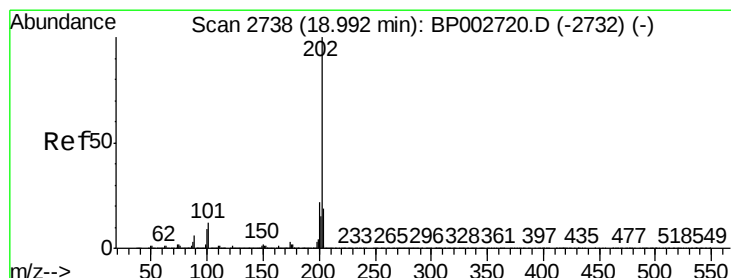
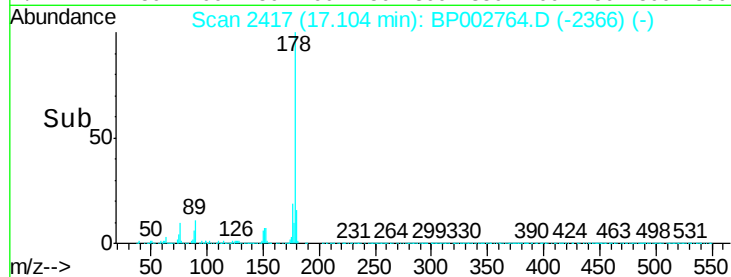
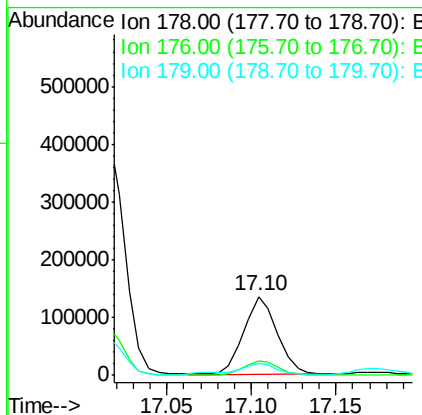
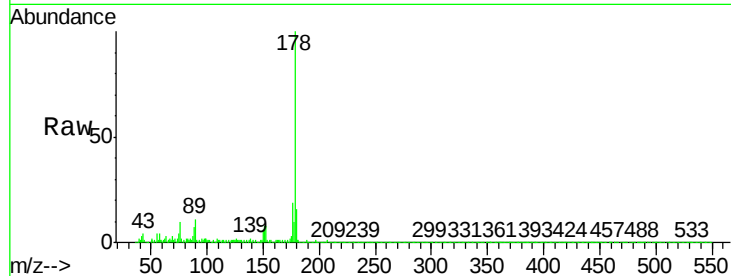
ClientSampleId :

FK-GF-03-014-B

Tot Ion:	178	Resp:	184882
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.6	23.4
179	16.0	12.6	19.0

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#75

Fluoranthene

Concen: 18.088 ng

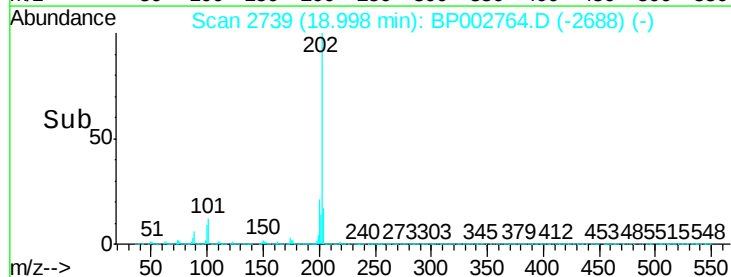
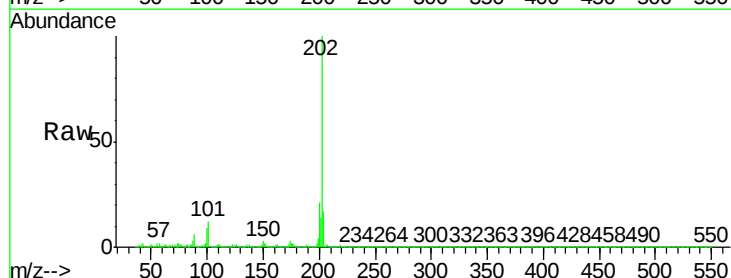
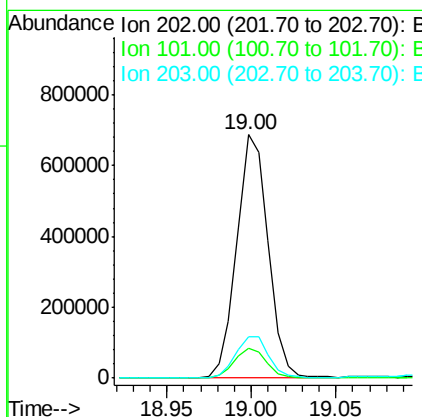
RT: 19.00 min Scan# 2739

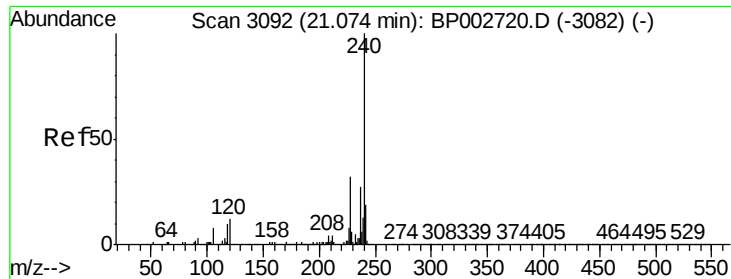
Delta R.T. 0.00 min

Lab File: BP002764.D

Acq: 15 Jul 2020 20:45

Tgt Ion:	202	Resp:	885905
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	32.5
203	17.2	0.0	38.6





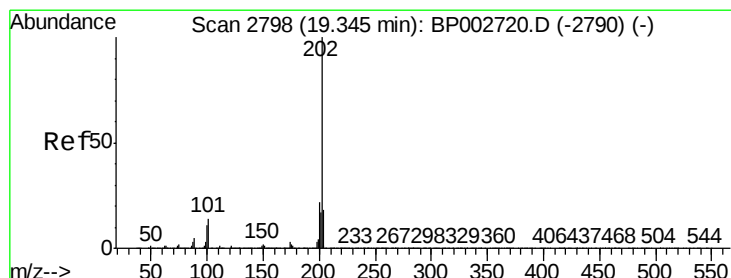
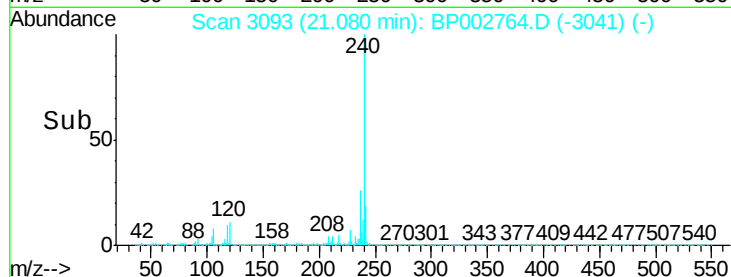
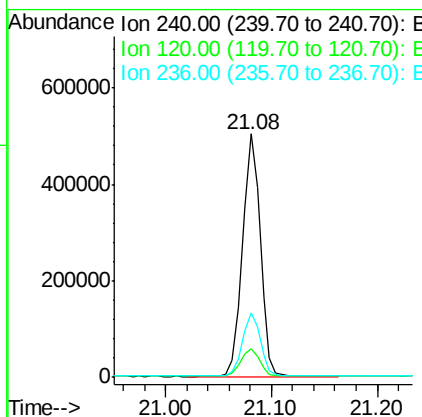
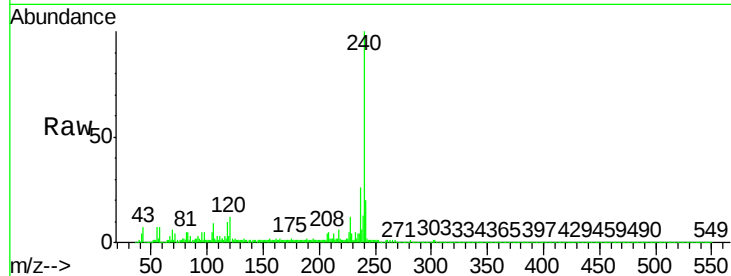
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.08 min Scan# 3093
Delta R.T. 0.01 min
Lab File: BP002764.D
Acq: 15 Jul 2020 20:45

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-014-B

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.4	14.2
236	26.4	21.3	31.9

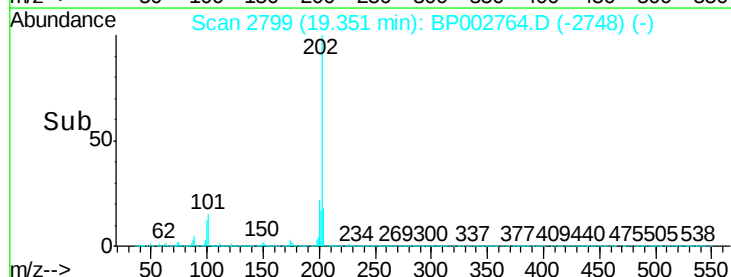
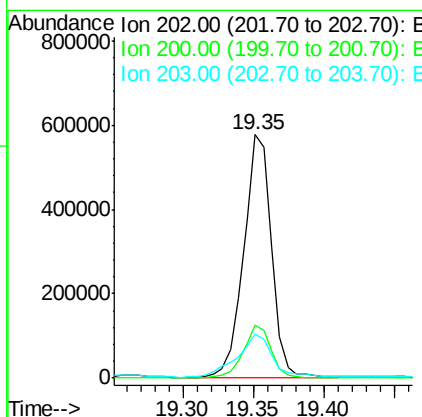
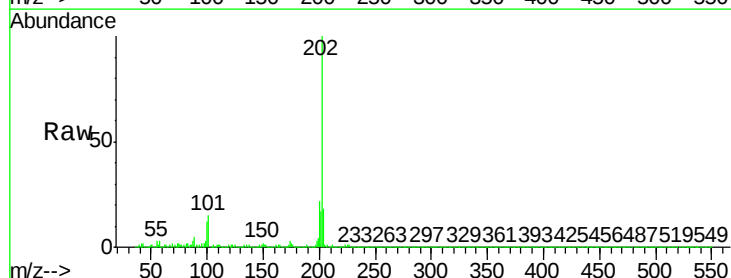
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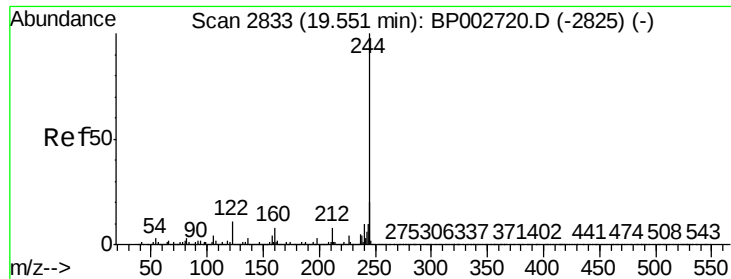
mohammad
7/16/2020 11:07:29 AM



#78
Pyrene
Concen: 19.681 ng
RT: 19.35 min Scan# 2799
Delta R.T. 0.00 min
Lab File: BP002764.D
Acq: 15 Jul 2020 20:45

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.7	26.5
203	18.0	14.5	21.7





#79

Terphenyl-d14

Concen: 57.983 ng

RT: 19.56 min Scan# 2835

Delta R.T. 0.01 min

Lab File: BP002764.D

Acq: 15 Jul 2020 20:45

Instrument :

BNA_P

ClientSampleId :

FK-GF-03-014-B

Tot Ion:244 Resp: 1471739

Ion Ratio Lower Upper

244 100

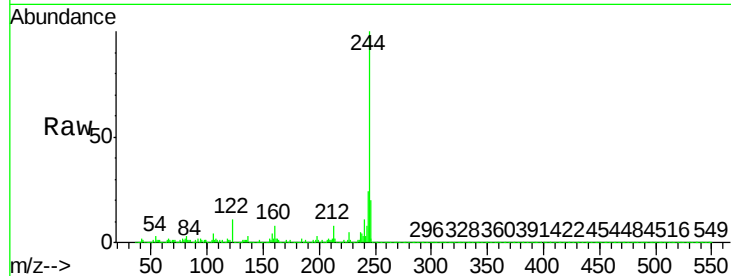
212 7.7 6.0 9.0

122 10.6 8.9 13.3

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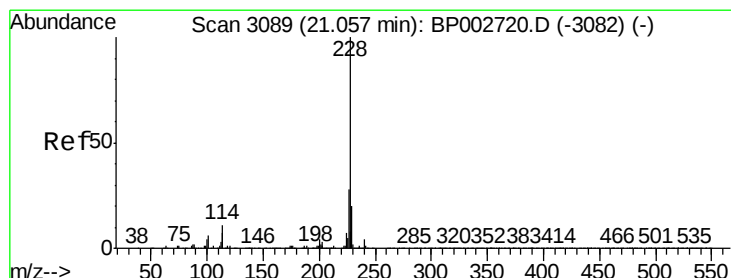
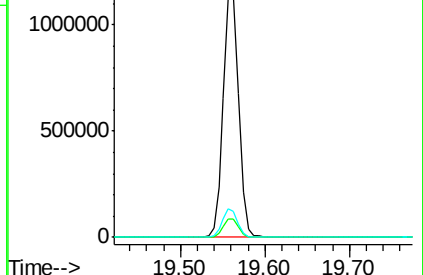
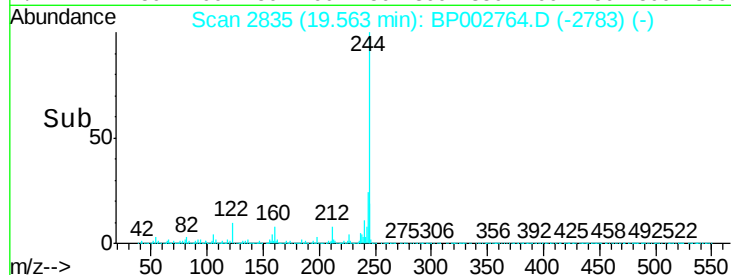
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 8.721 ng

RT: 21.07 min Scan# 3091

Delta R.T. 0.01 min

Lab File: BP002764.D

Acq: 15 Jul 2020 20:45

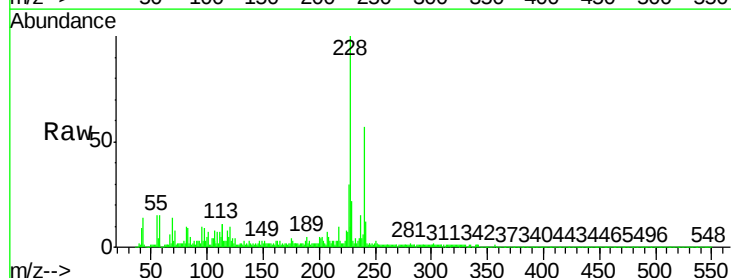
Tgt Ion:228 Resp: 328522

Ion Ratio Lower Upper

228 100

226 30.0 22.6 34.0

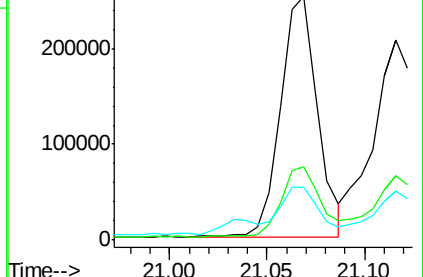
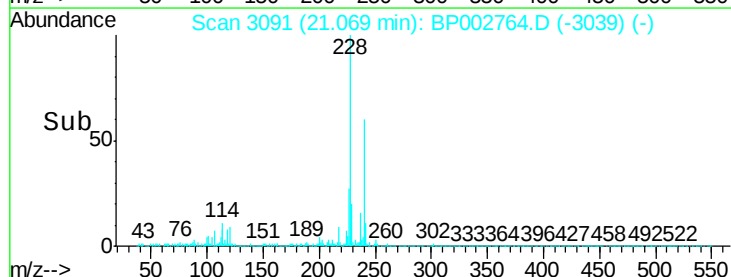
229 21.8 16.0 24.0

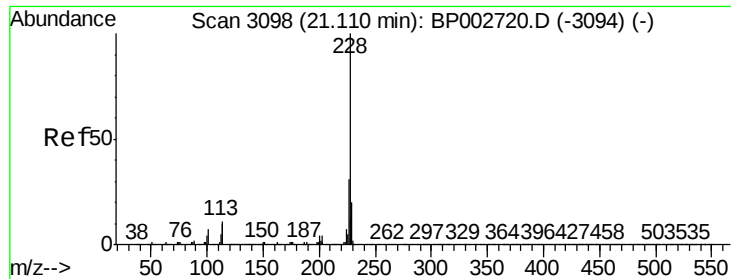


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 8.522 ng/mL

RT: 21.12 min Scan# 3099

Delta R.T. 0.00 min

Lab File: BP002764.D

Acq: 15 Jul 2020 20:45

Instrument :

BNA_P

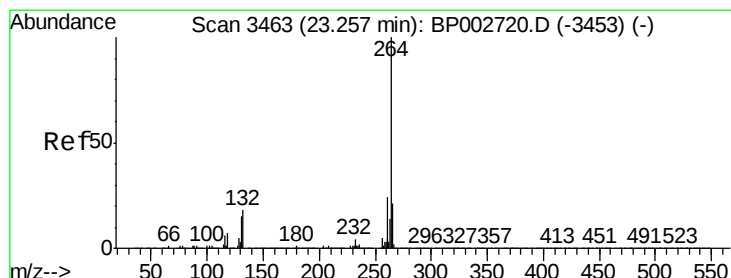
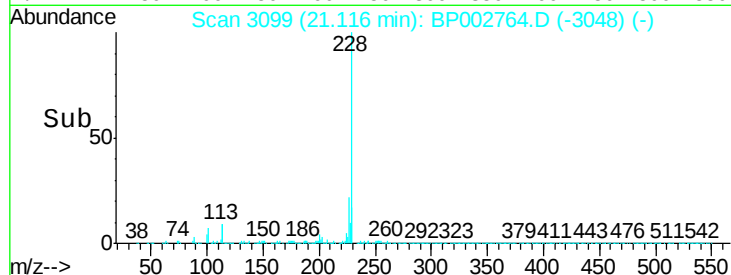
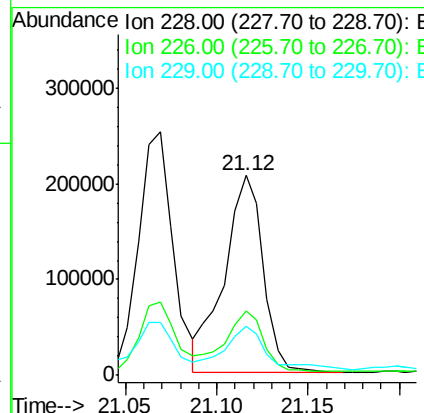
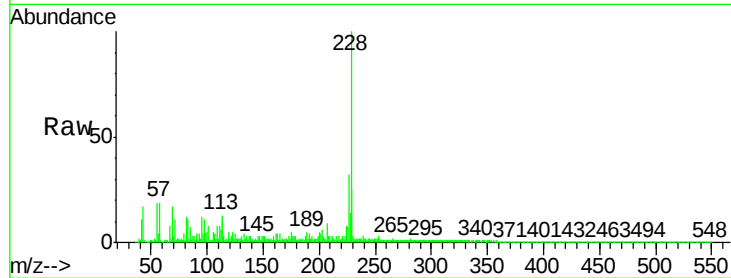
ClientSampleId :

FK-GF-03-014-B

Tot Ion:	228	Resp:	305589
Ion Ratio	Lower	Upper	
228	100		
226	32.2	24.6	37.0
229	24.8	15.7	23.5

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#86

Perylene-d12

Concen: 20.000 ng/mL

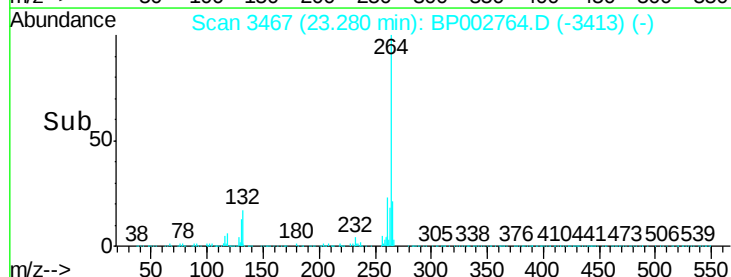
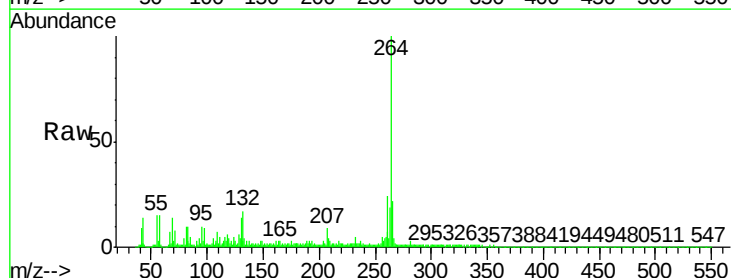
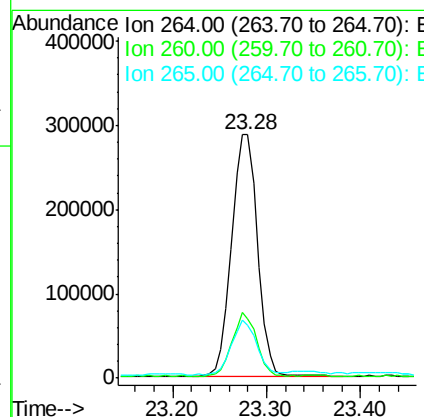
RT: 23.28 min Scan# 3467

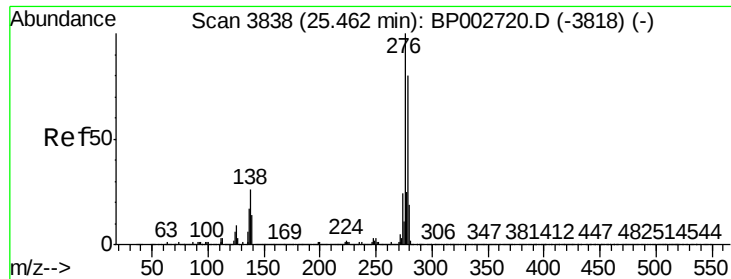
Delta R.T. 0.02 min

Lab File: BP002764.D

Acq: 15 Jul 2020 20:45

Tgt Ion:	264	Resp:	548086
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.3	28.9
265	21.9	16.8	25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.251 ng

RT: 25.49 min Scan# 3843

Delta R.T. 0.02 min

Lab File: BP002764.D

Acq: 15 Jul 2020 20:45

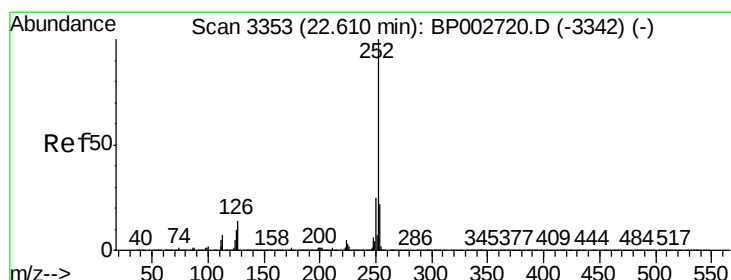
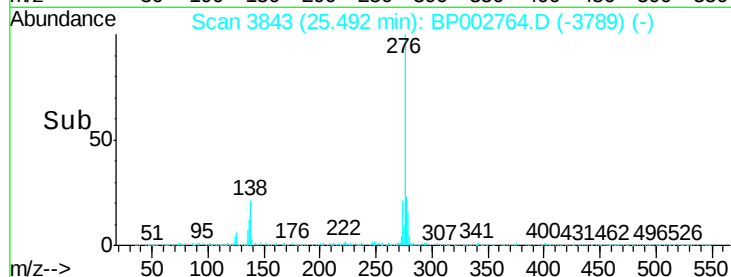
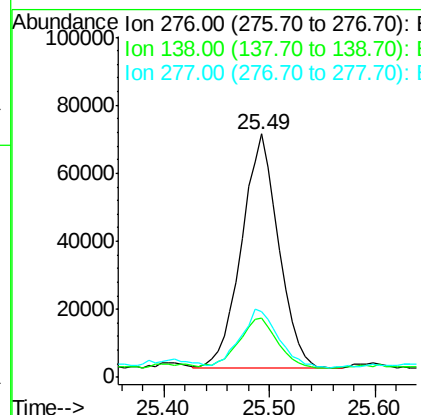
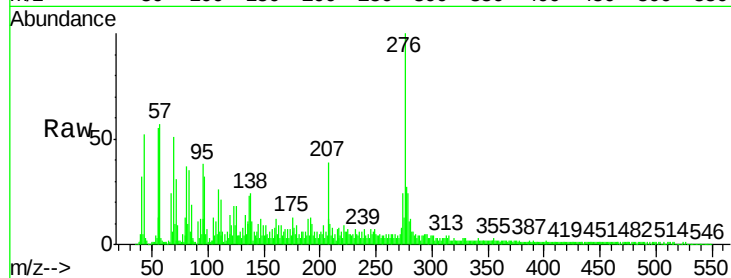
Instrument :
BNA_P

Client Sample ID :
FK-GF-03-014-B

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.6	20.8	31.2
277	25.6	20.0	30.0

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#88

Benzo(b)fluoranthene

Concen: 10.309 ng m

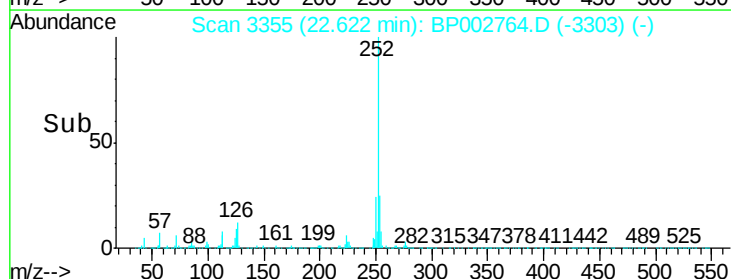
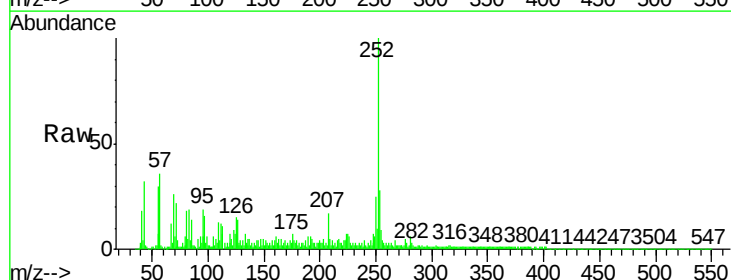
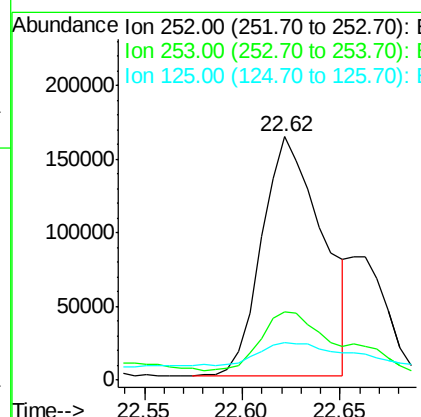
RT: 22.62 min Scan# 3355

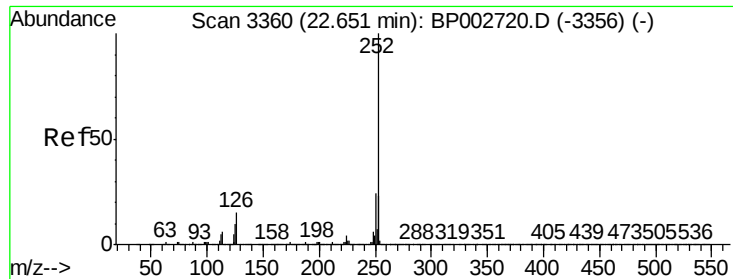
Delta R.T. 0.01 min

Lab File: BP002764.D

Acq: 15 Jul 2020 20:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.0	17.7	26.5#
125	15.2	8.2	12.2#





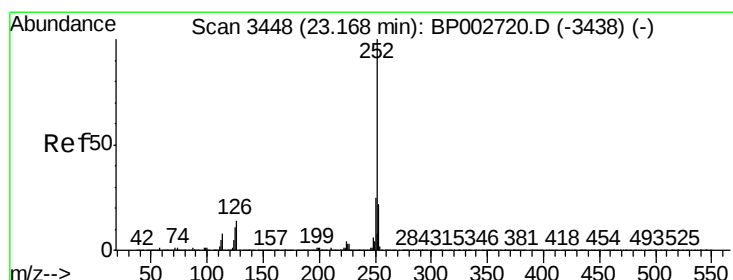
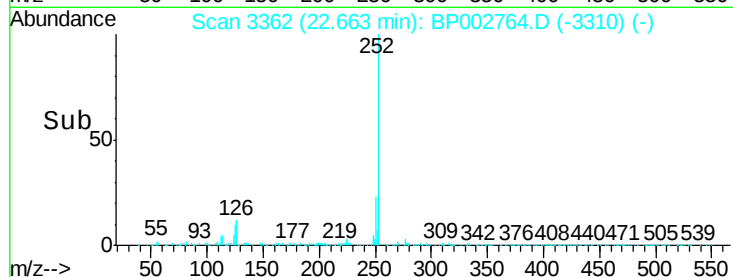
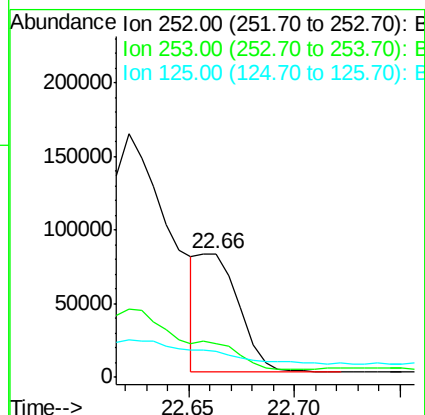
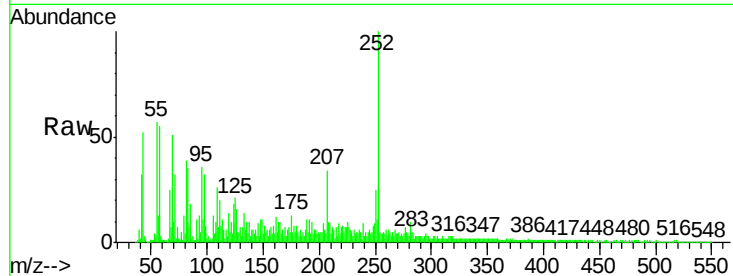
#89
Benzo(k)fluoranthene
Concen: 3.159 ng m
RT: 22.66 min Scan# 3362
Delta R.T. 0.01 min
Lab File: BP002764.D
Acq: 15 Jul 2020 20:45

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-014-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.8	17.8	26.8#
125	21.0	8.3	12.5#

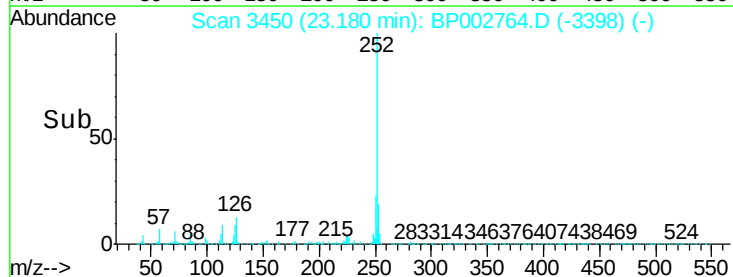
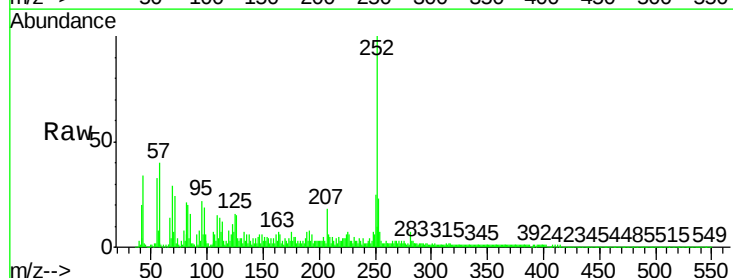
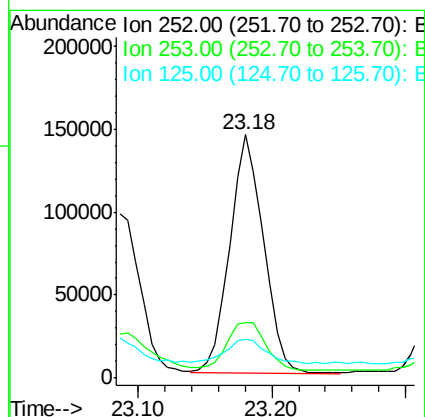
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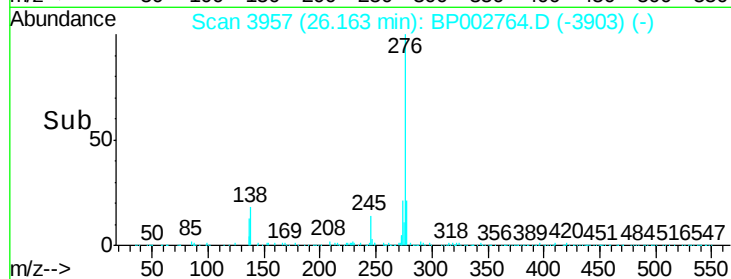
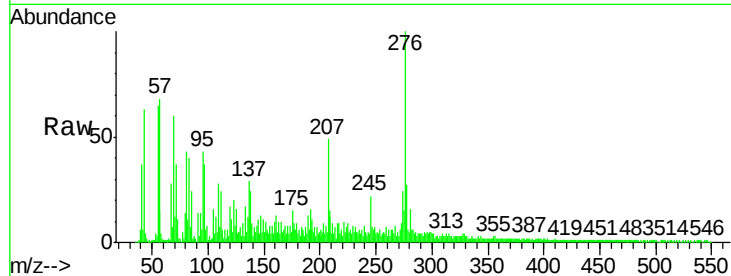
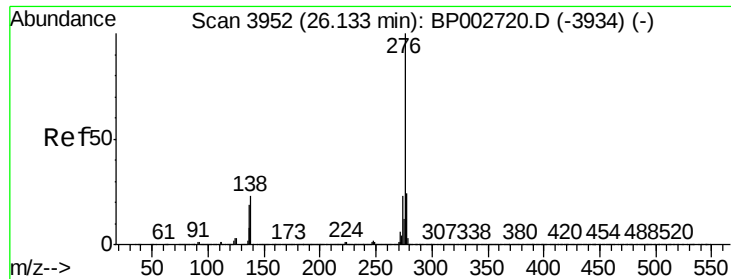
mohammad
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#90
Benzo(a)pyrene
Concen: 7.847 ng
RT: 23.18 min Scan# 3450
Delta R.T. 0.01 min
Lab File: BP002764.D
Acq: 15 Jul 2020 20:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	16.2	8.6	13.0#





#92

Benzo(a,h,i)perylene

Concen: 5.308 ng

RT: 26.16 min Scan# 3957

Delta R.T. 0.02 min

Lab File: BP002764.D

Acq: 15 Jul 2020 20:45

Instrument :

BNA_P

ClientSampleId :

FK-GF-03-014-B

Tot Ion:	276	Resp:	171948
Ion Ratio		Lower	Upper
276	100		
277	27.1	19.1	28.7
138	23.7	18.3	27.5

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