

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
 Data File : BP002781.D
 Acq On : 16 Jul 2020 20:11
 Operator : CG/JU
 Sample : L3304-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Manual Integrations
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mohammad
 7/17/2020 12:30:40 PM

Quant Time: Jul 17 01:15:18 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	245720	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	1012050	20.00	ng	0.00
39) Acenaphthene-d10	14.21	164	552039	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	950370	20.00	ng	0.00
76) Chrysene-d12	21.07	240	619042	20.00	ng	0.00
86) Perylene-d12	23.27	264	595924	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	780719	53.61	ng	0.00
7) Phenol-d6	6.76	99	1076328	51.78	ng	0.00
23) Nitrobenzene-d5	8.70	82	698083	36.89	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	260148	45.15	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	1349945	37.83	ng	0.00
79) Terphenyl-d14	19.56	244	1072037	39.70	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	13.67	163	598154	14.208	ng	100
58) Fluorene	15.27	166	80022	2.141	ng	99
71) Phenanthrene	17.02	178	655646	12.742	ng	100
72) Anthracene	17.10	178	178872	3.542	ng	98
75) Fluoranthene	19.00	202	681967	11.438	ng	99
78) Pyrene	19.35	202	605088	14.157	ng	98
81) Benzo(a)anthracene	21.06	228	271309	6.770	ng	97
83) Chrysene	21.12	228	232373m	6.092	ng	
87) Indeno(1,2,3-cd)pyrene	25.48	276	129995	3.018	ng	97
88) Benzo(b)fluoranthene	22.62	252	267394m	7.226	ng	
89) Benzo(k)fluoranthene	22.66	252	91091m	2.499	ng	
90) Benzo(a)pyrene	23.17	252	203366	5.800	ng	# 92
92) Benzo(a,h,i)perylene	26.16	276	131449	3.732	ng	94

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

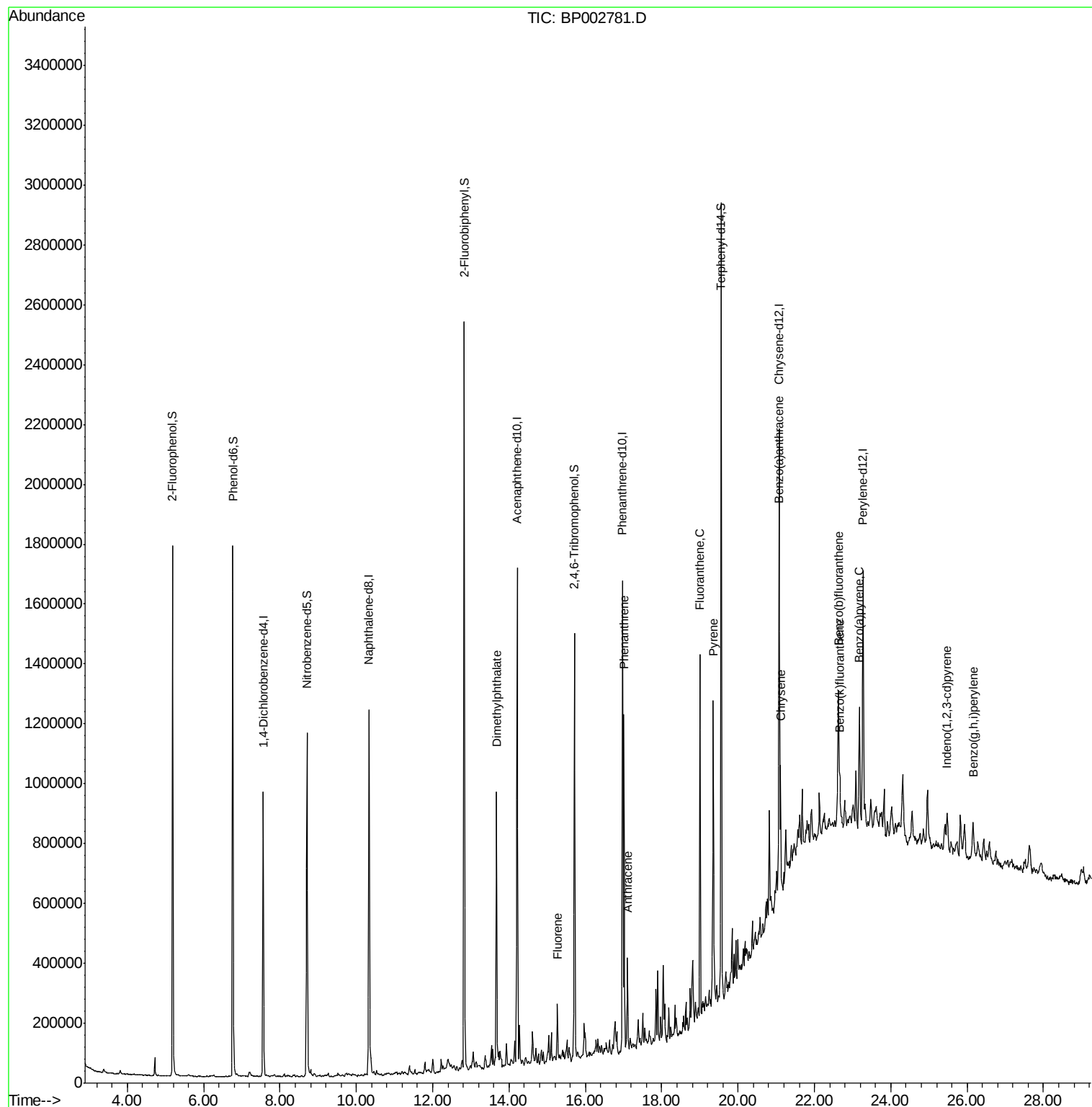
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
Data File : BP002781.D
Acq On : 16 Jul 2020 20:11
Operator : CG/JU
Sample : L3304-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

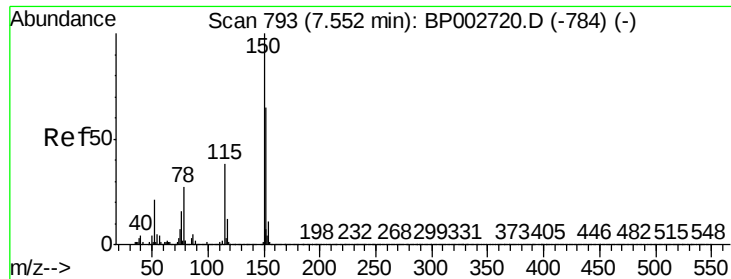
Instrument :
BNA_P
ClientSampleId :
FK-GF-02-058-A

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Quant Time: Jul 17 01:15:18 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

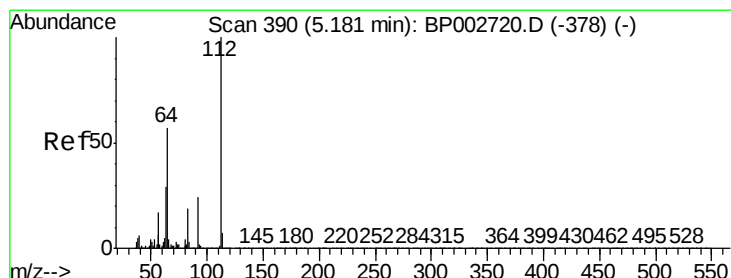
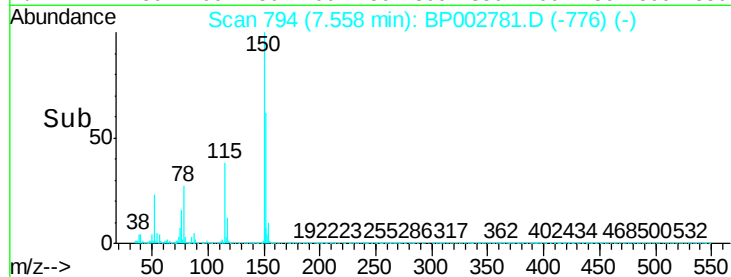
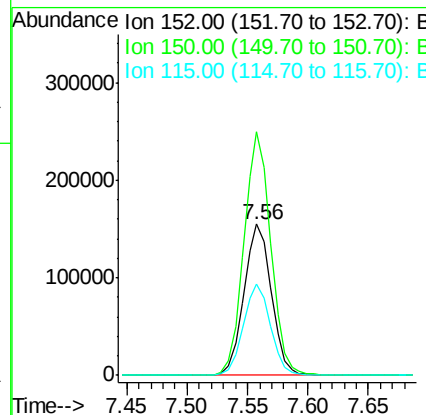
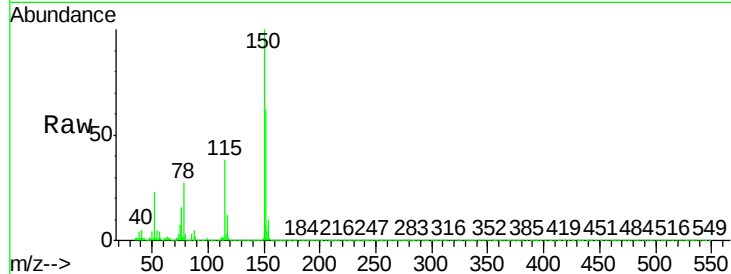
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 794
Delta R.T. 0.01 min
Lab File: BP002781.D
Acq: 16 Jul 2020 20:11

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	123.7	185.5
115	60.8	47.2	70.8

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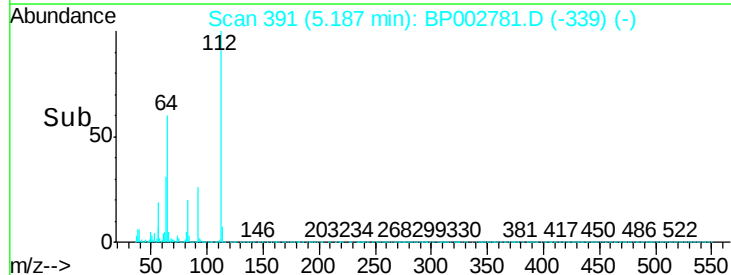
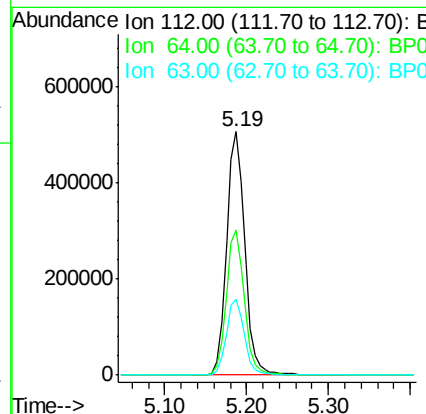
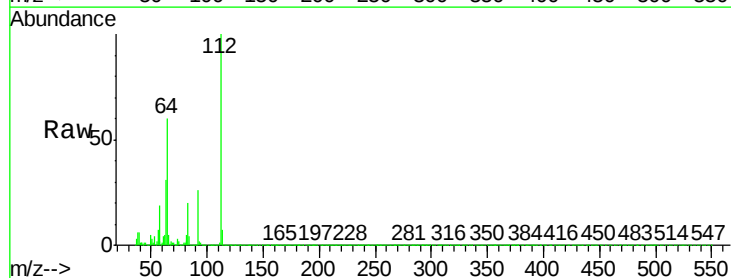
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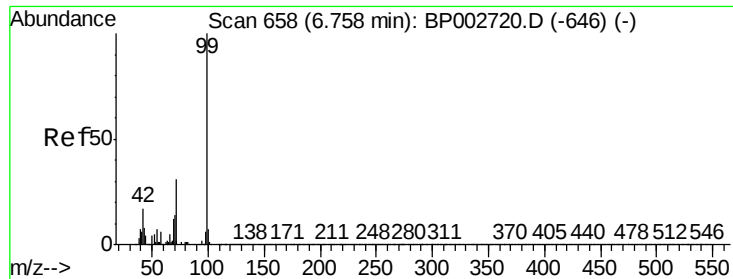


#5

2-Fluorophenol
Concen: 53.606 ng
RT: 5.19 min Scan# 391
Delta R.T. 0.01 min
Lab File: BP002781.D
Acq: 16 Jul 2020 20:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	45.6	68.4
63	31.1	23.5	35.3





#7

Phenol-d6

Concen: 51.784 ng

RT: 6.76 min Scan# 659

Delta R.T. 0.01 min

Lab File: BP002781.D

Acq: 16 Jul 2020 20:11

Instrument :

BNA_P

ClientSampleId :

FK-GF-02-058-A

Tot Ion: 99 Resp: 1076328

Ion Ratio Lower Upper

99 100

42 18.2 13.4 20.2

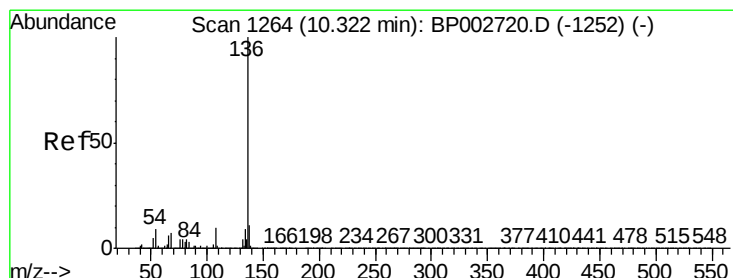
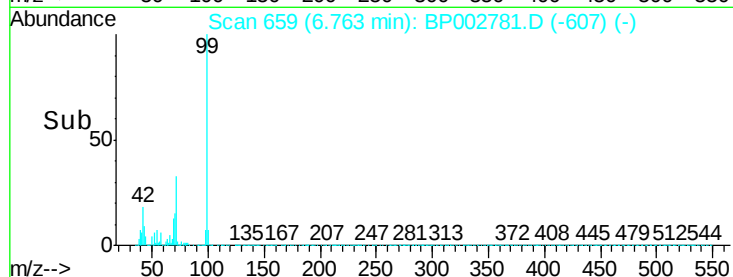
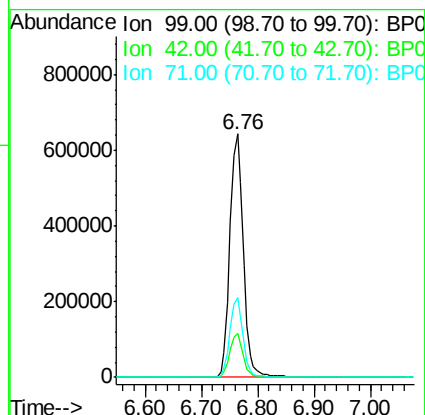
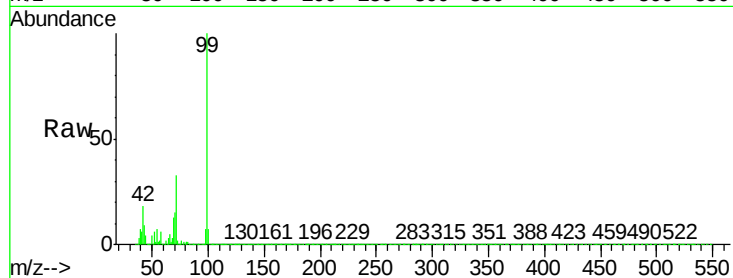
71 32.8 24.6 36.8

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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: BP002781.D

Acq: 16 Jul 2020 20:11

Tgt Ion: 136 Resp: 1012050

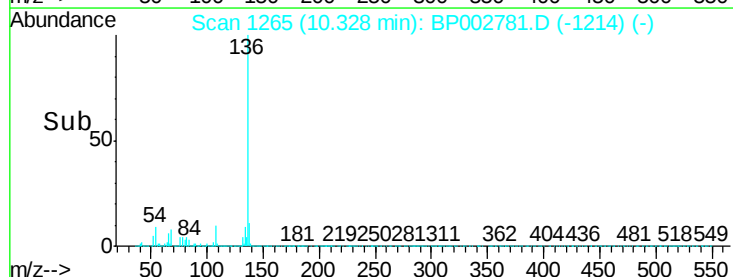
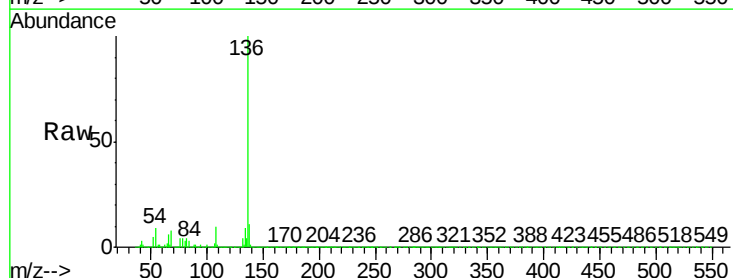
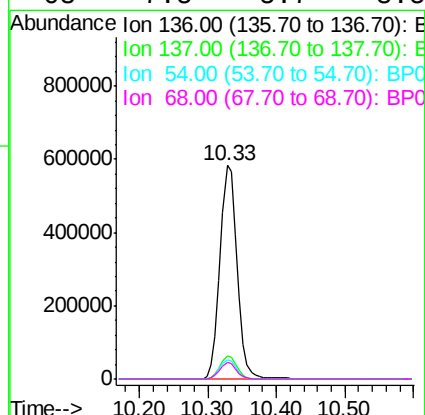
Ion Ratio Lower Upper

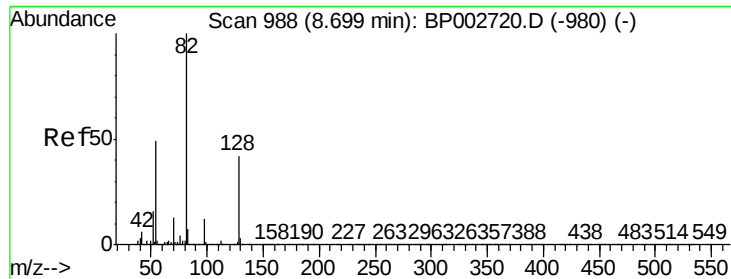
136 100

137 10.9 8.6 13.0

54 8.9 6.9 10.3

68 7.5 5.7 8.5





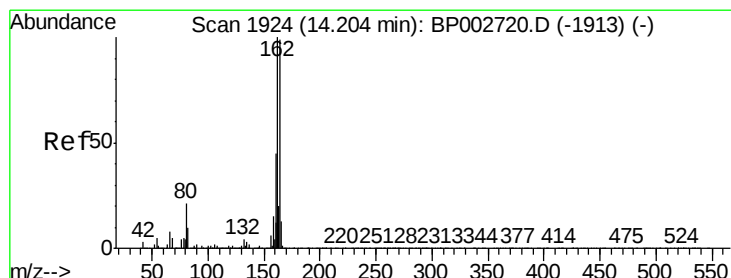
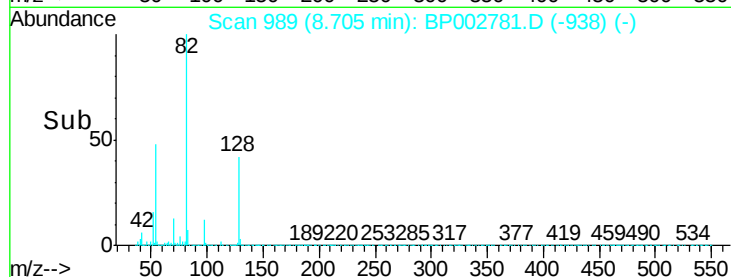
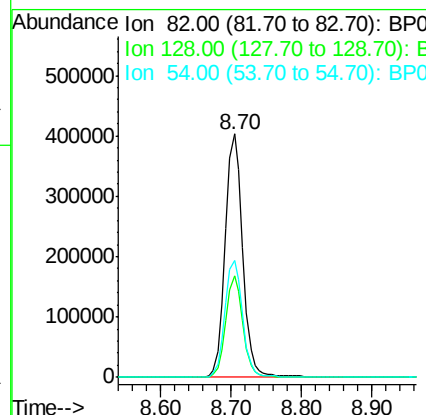
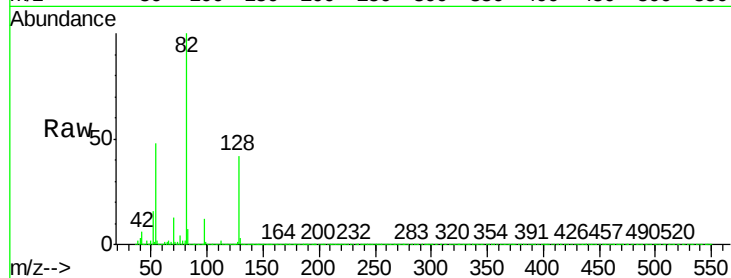
#23
Nitrobenzene-d5
Concen: 36.891 ng
RT: 8.70 min Scan# 989
Delta R.T. 0.00 min
Lab File: BP002781.D
Acq: 16 Jul 2020 20:11

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

Tot Ion	82	Resp	698083
Ion Ratio	100	Lower	Upper
82	100		
128	41.9	33.8	50.8
54	48.2	38.8	58.2

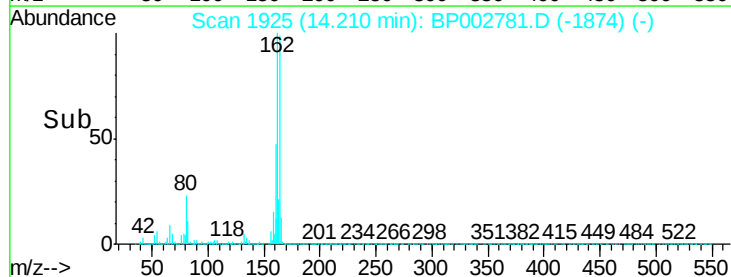
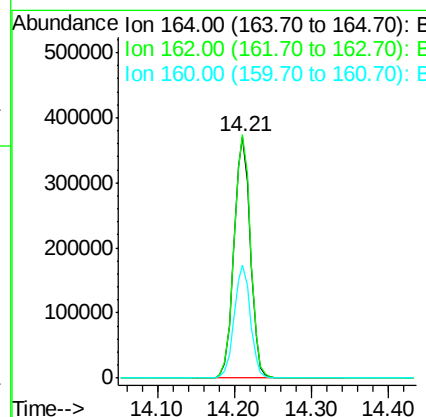
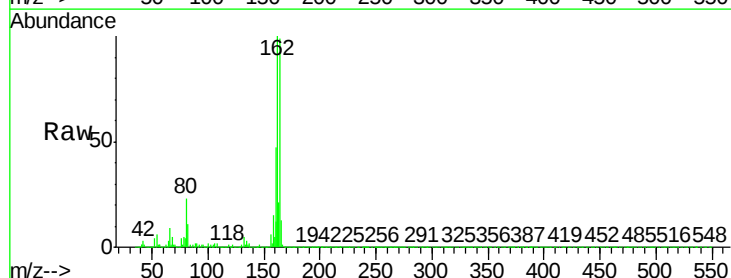
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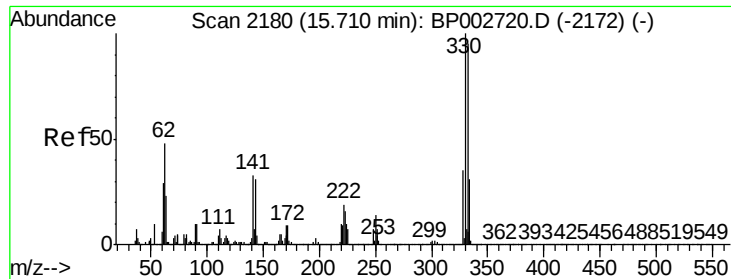
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.21 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BP002781.D
Acq: 16 Jul 2020 20:11

Tgt Ion	164	Resp	552039
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
164	100		
162	100.9	80.6	121.0
160	47.0	36.4	54.6





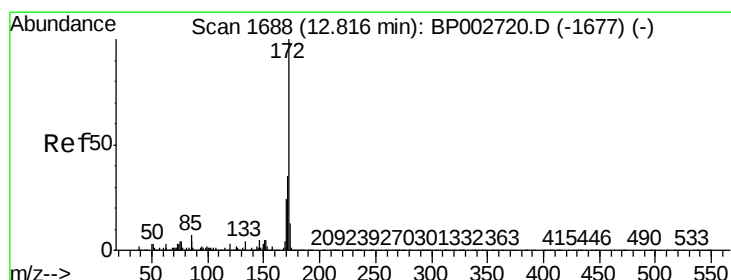
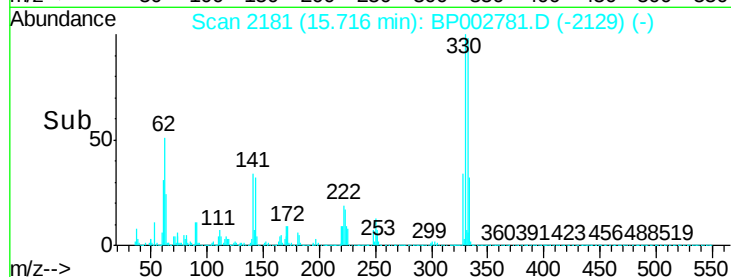
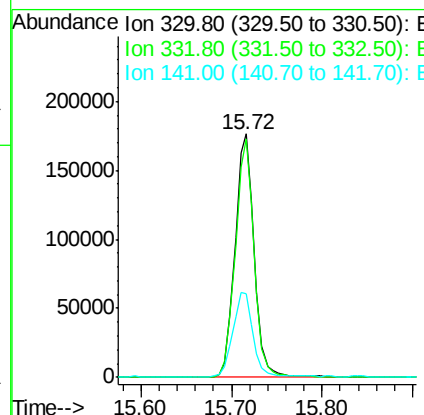
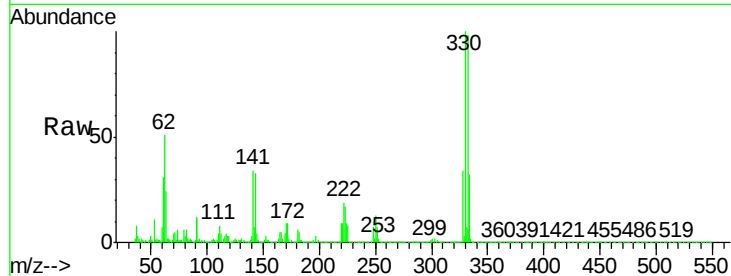
#42
2,4,6-Tribromophenol
Concen: 45.146 ng
RT: 15.72 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BP002781.D
Acq: 16 Jul 2020 20:11

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100	260148		
332	96.7	76.5	114.7	
141	35.4	28.8	43.2	

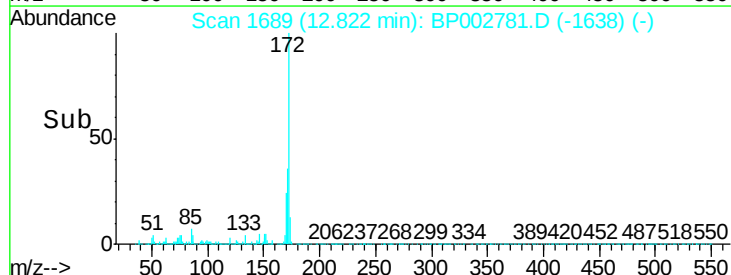
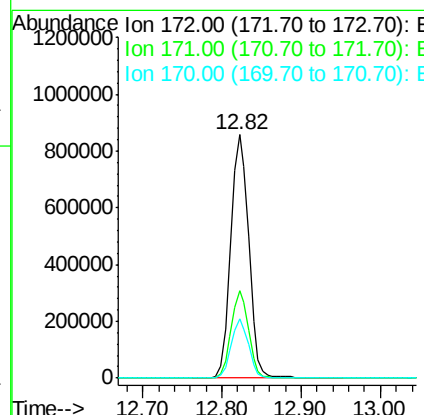
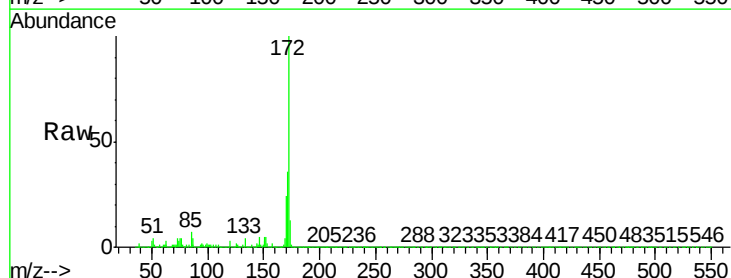
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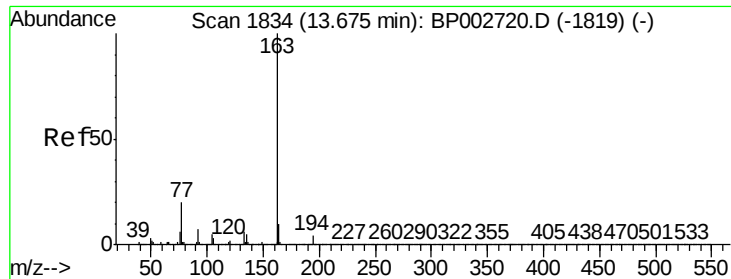
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#45
2-Fluorobiphenyl
Concen: 37.830 ng
RT: 12.82 min Scan# 1689
Delta R.T. 0.00 min
Lab File: BP002781.D
Acq: 16 Jul 2020 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1349945		
171	35.9	28.1	42.1	
170	24.2	19.3	28.9	





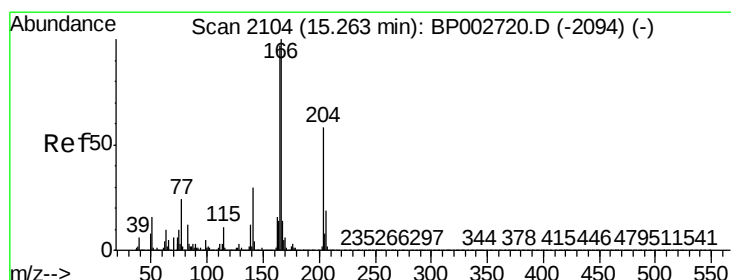
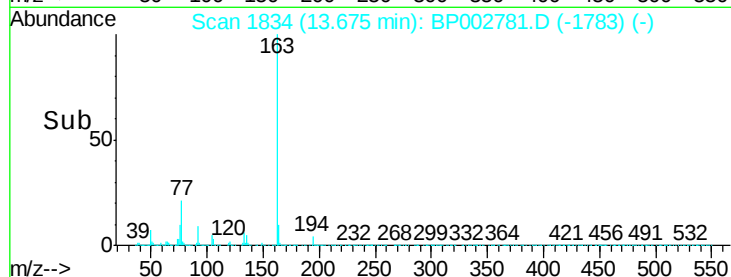
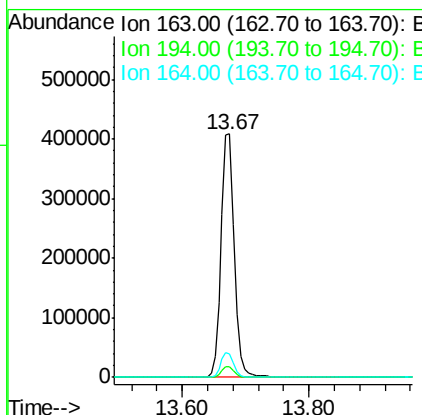
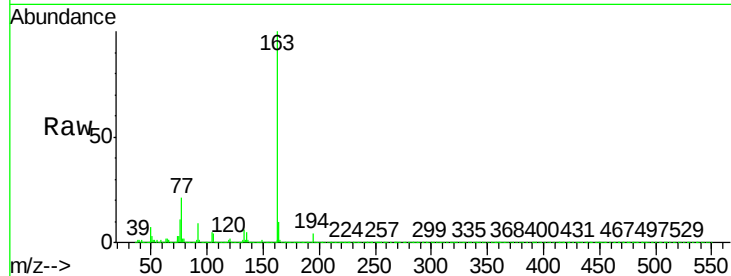
#50
Dimethylphthalate
Concen: 14.208 ng
RT: 13.67 min Scan# 1834
Delta R.T. 0.00 min
Lab File: BP002781.D
Acq: 16 Jul 2020 20:11

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

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	9.6	7.8	11.8

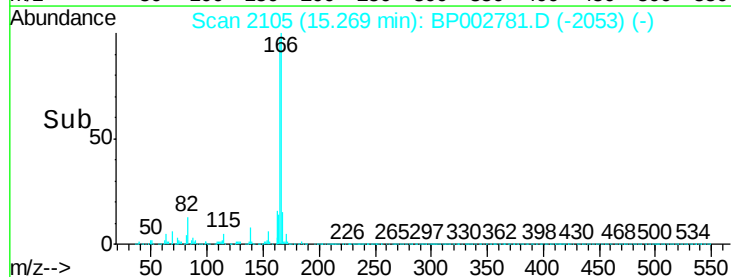
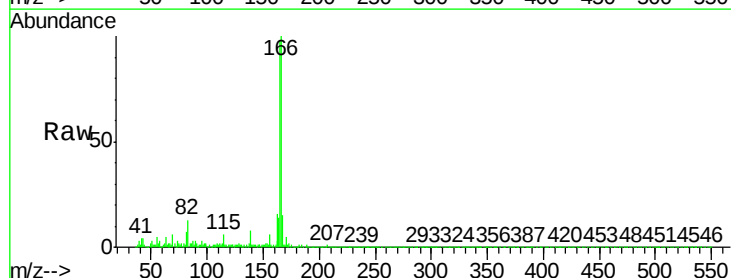
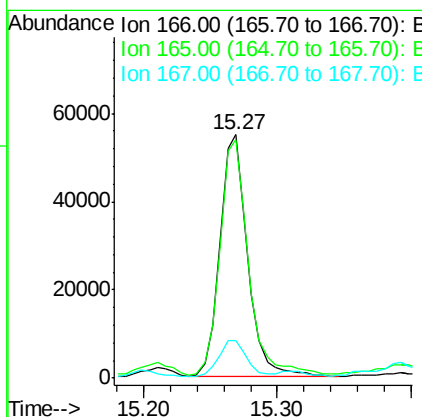
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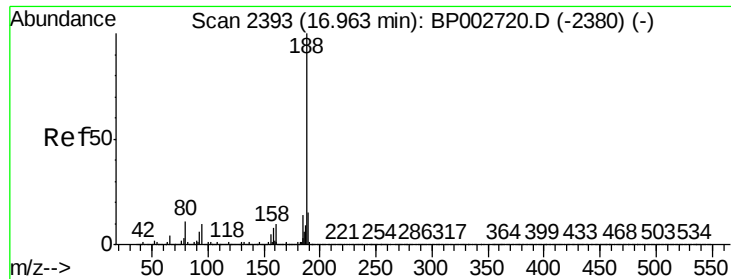
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#58
Fluorene
Concen: 2.141 ng
RT: 15.27 min Scan# 2105
Delta R.T. 0.01 min
Lab File: BP002781.D
Acq: 16 Jul 2020 20:11

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.7	116.5
167	15.2	11.0	16.6





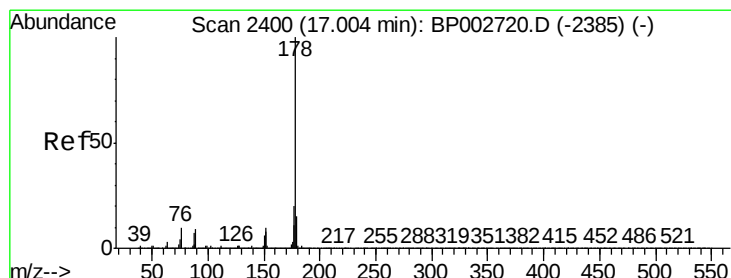
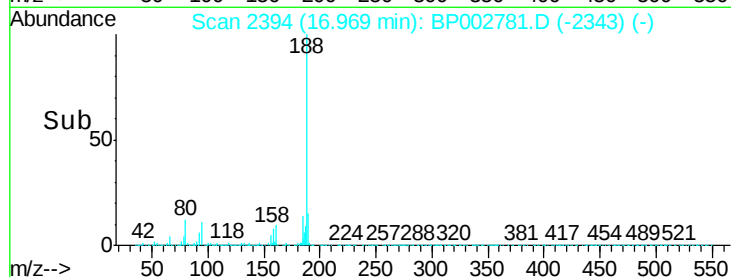
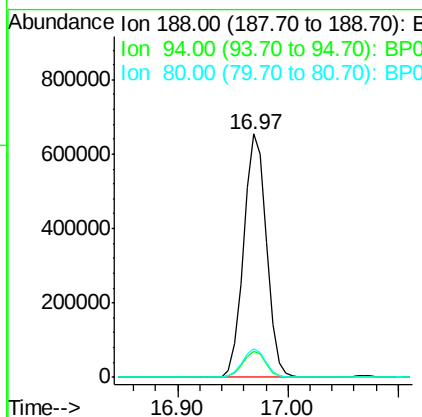
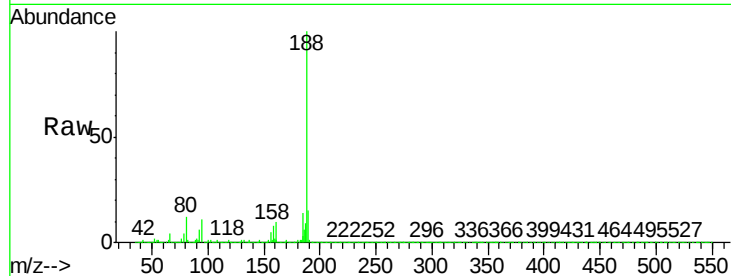
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2394
Delta R.T. 0.00 min
Lab File: BP002781.D
Acq: 16 Jul 2020 20:11

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

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.8	8.1	12.1
80	11.7	8.9	13.3

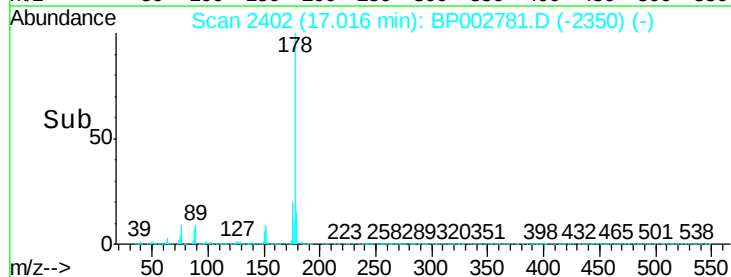
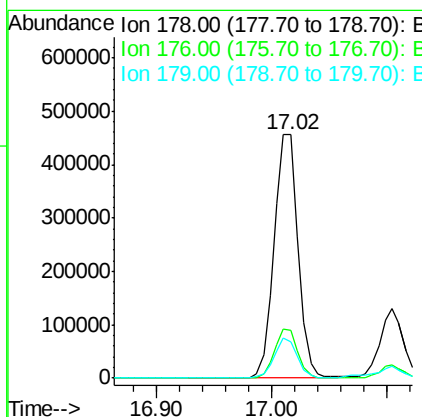
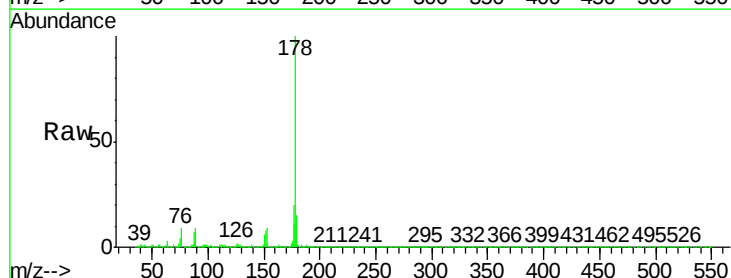
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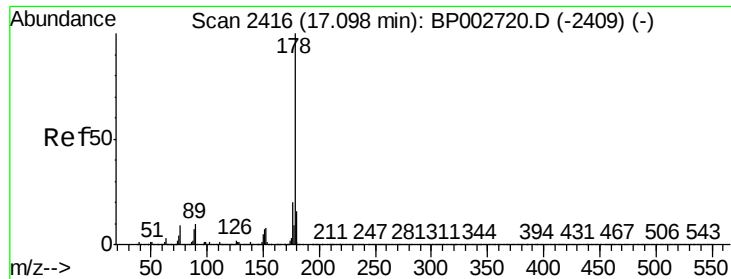
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#71
Phenanthrene
Concen: 12.742 ng
RT: 17.02 min Scan# 2402
Delta R.T. 0.01 min
Lab File: BP002781.D
Acq: 16 Jul 2020 20:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.8	15.9	23.9
179	15.1	12.3	18.5





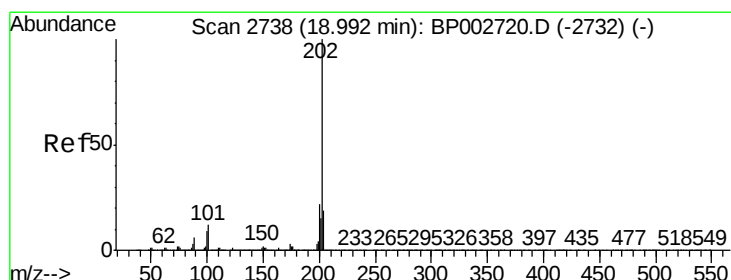
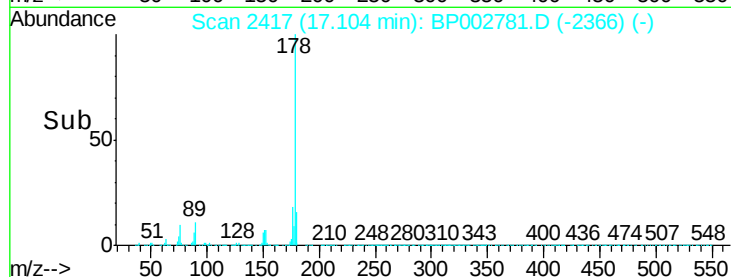
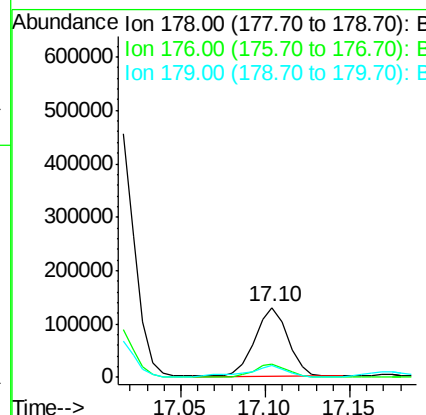
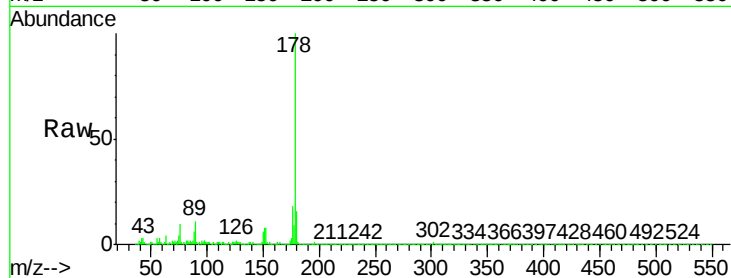
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 Anthracene
 Concen: 3.542 ng
 RT: 17.10 min Scan# 2417
 Delta R.T. 0.00 min
 Lab File: BP002781.D
 Acq: 16 Jul 2020 20:11

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.6	23.4
179	16.2	12.6	19.0

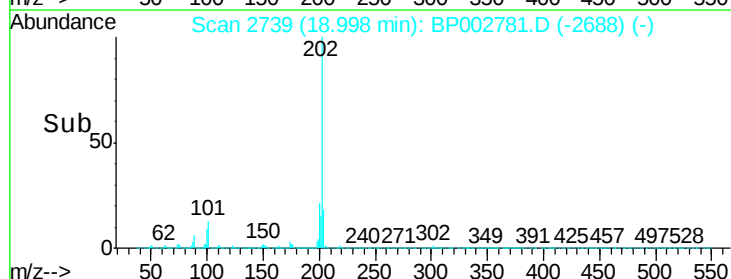
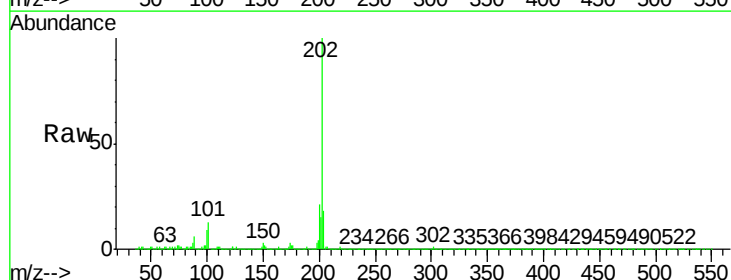
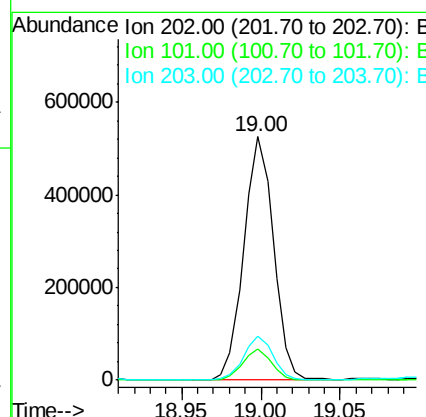
Manual Integrations
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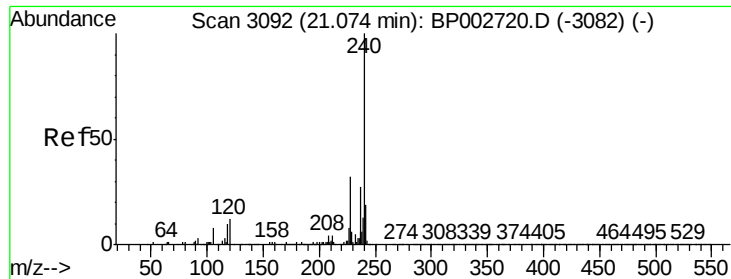
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#75
 Fluoranthene
 Concen: 11.438 ng
 RT: 19.00 min Scan# 2739
 Delta R.T. 0.00 min
 Lab File: BP002781.D
 Acq: 16 Jul 2020 20:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	32.5
203	18.2	0.0	38.6





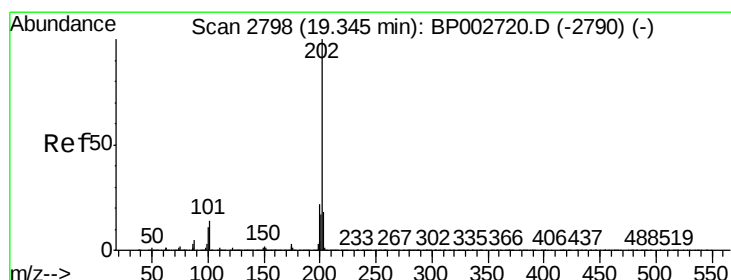
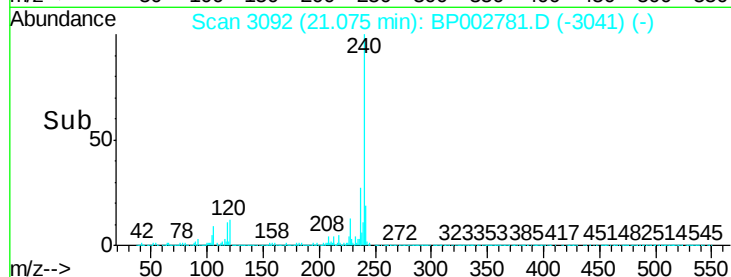
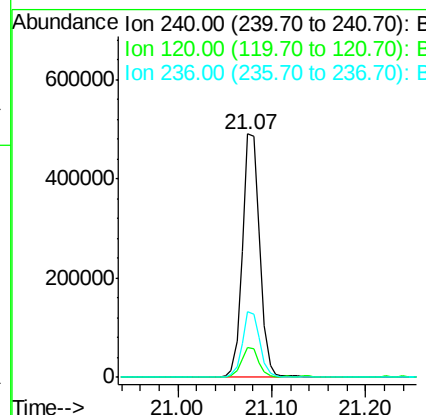
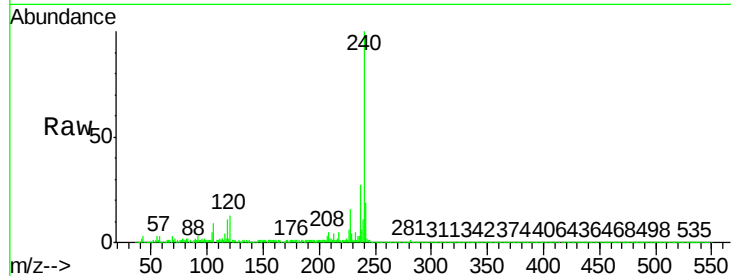
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3092
Delta R.T. 0.00 min
Lab File: BP002781.D
Acq: 16 Jul 2020 20:11

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

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.4	14.2
236	26.8	21.3	31.9

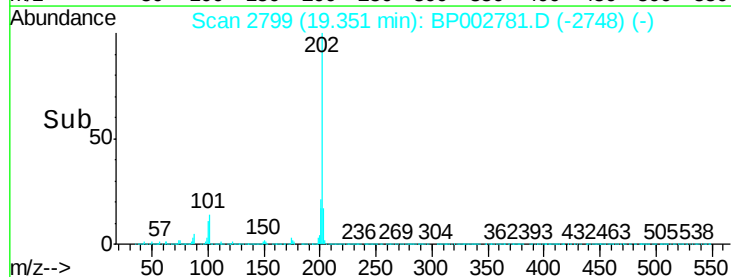
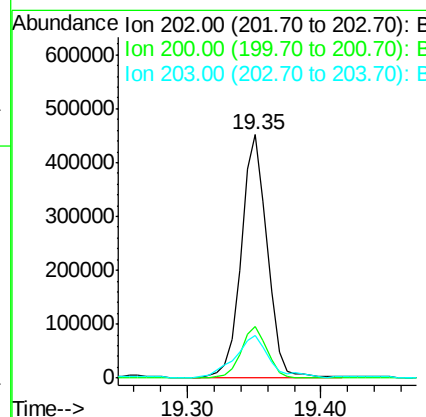
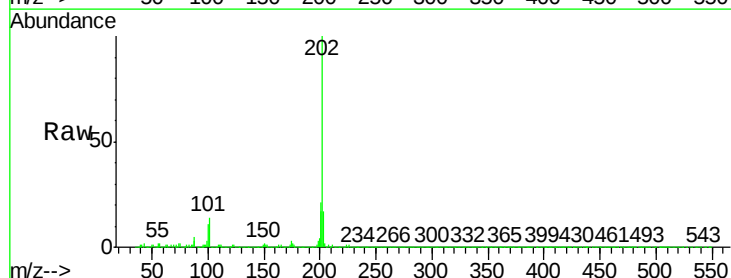
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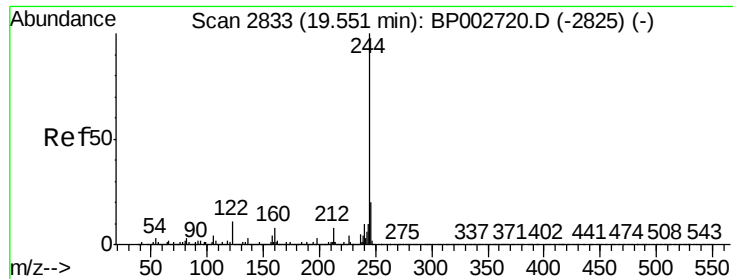
mohammad
7/17/2020 12:30:40 PM



#78
Pyrene
Concen: 14.157 ng
RT: 19.35 min Scan# 2799
Delta R.T. 0.00 min
Lab File: BP002781.D
Acq: 16 Jul 2020 20:11

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.7	26.5
203	17.4	14.5	21.7





#79

Terphenyl-d14

Concen: 39.705 ng

RT: 19.56 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BP002781.D

Acq: 16 Jul 2020 20:11

Instrument :

BNA_P

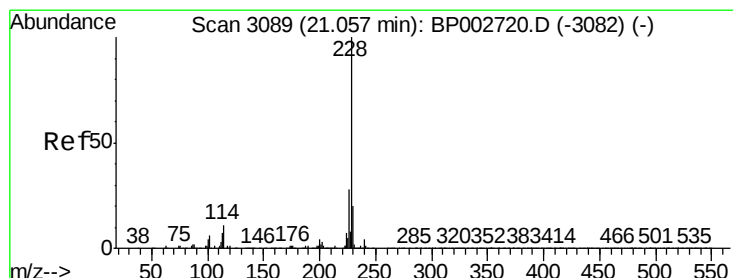
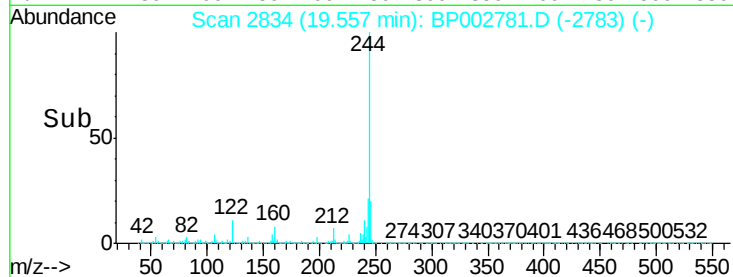
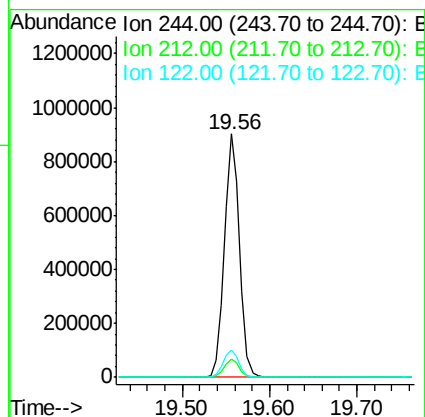
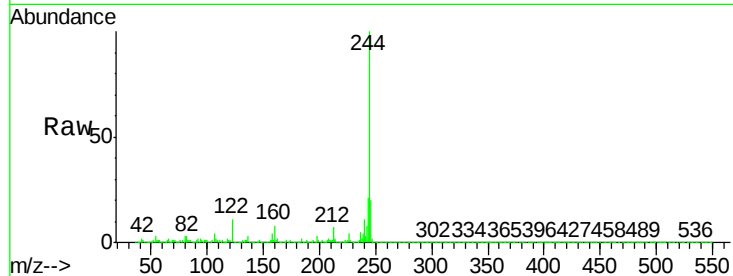
ClientSampleId :

FK-GF-02-058-A

Tot Ion:	244	Resp:	1072037
Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	11.4	8.9	13.3

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#81

Benzo(a)anthracene

Concen: 6.770 ng

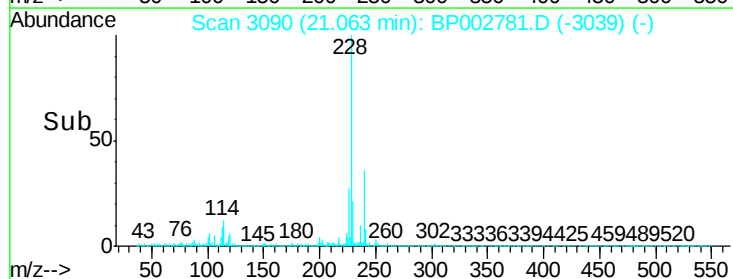
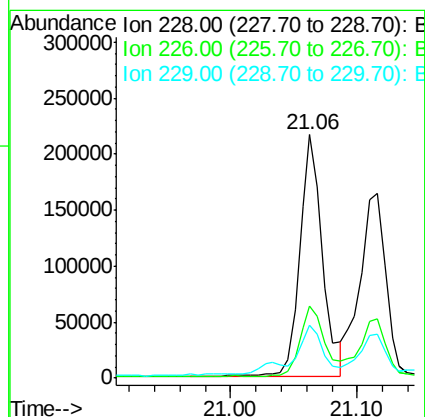
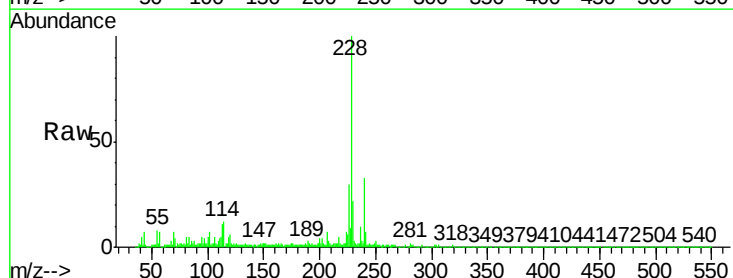
RT: 21.06 min Scan# 3090

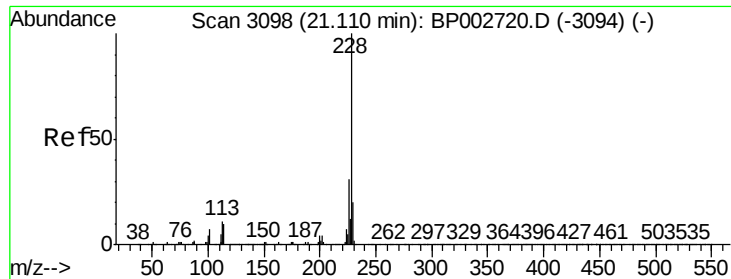
Delta R.T. 0.00 min

Lab File: BP002781.D

Acq: 16 Jul 2020 20:11

Tgt Ion:	228	Resp:	271309
Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.6	34.0
229	21.8	16.0	24.0





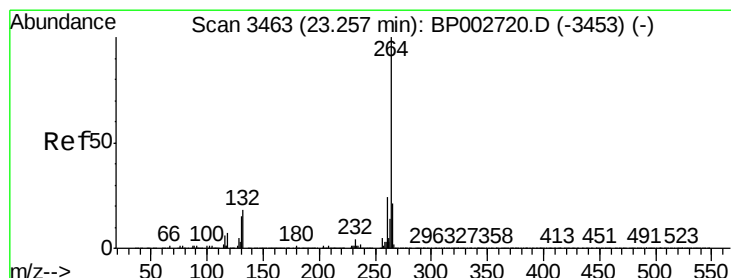
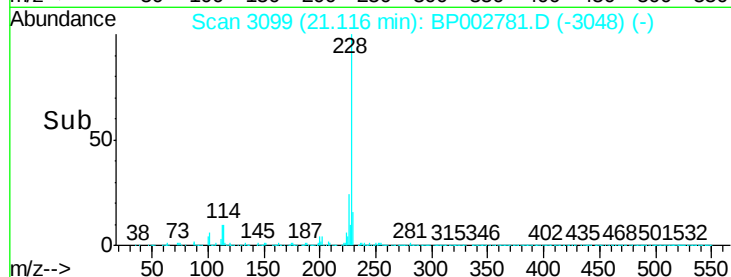
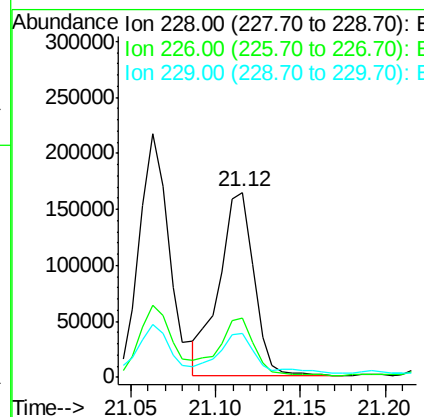
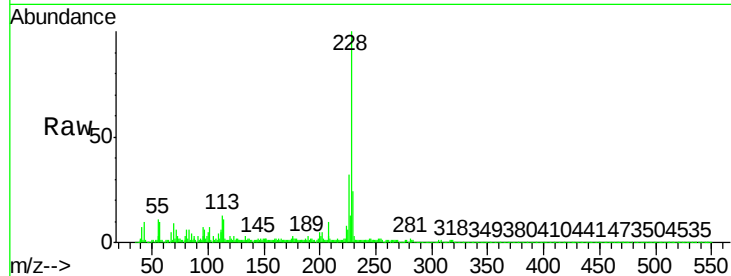
#83
Chrysene
Concen: 6.092 ng/mL
RT: 21.12 min Scan# 3099
Delta R.T. 0.00 min
Lab File: BP002781.D
Acq: 16 Jul 2020 20:11

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	32.3		24.6	37.0	
229	23.7		15.7	23.5	

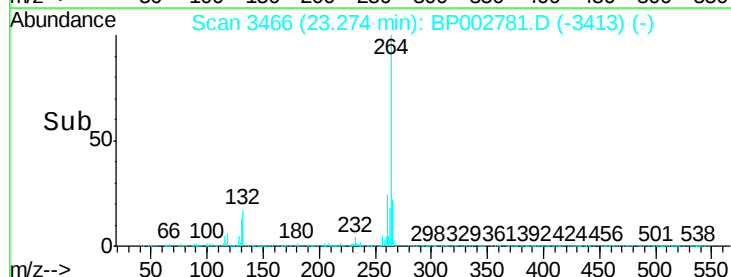
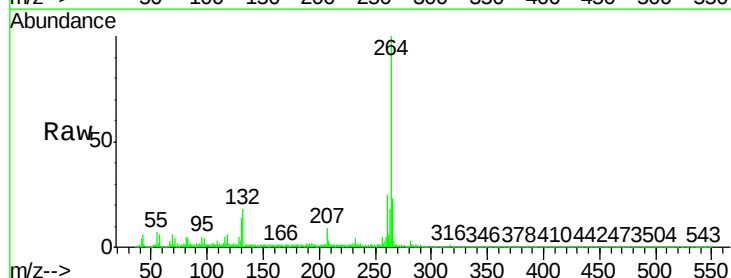
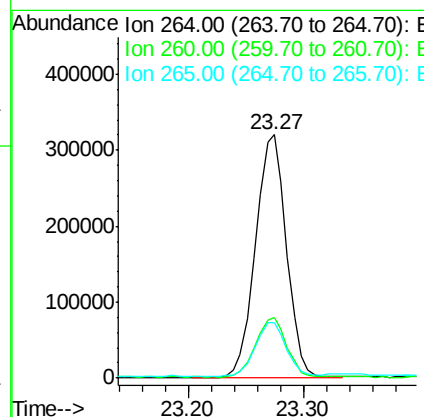
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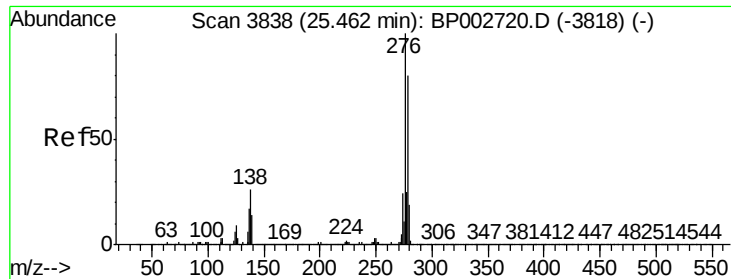
mohammad
7/17/2020 12:30:40 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.27 min Scan# 3466
Delta R.T. 0.01 min
Lab File: BP002781.D
Acq: 16 Jul 2020 20:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	24.6		19.3	28.9	
265	22.7		16.8	25.2	





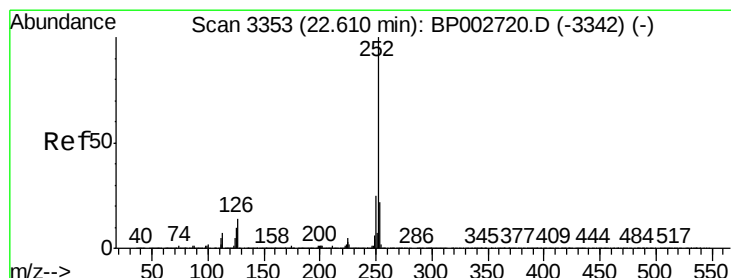
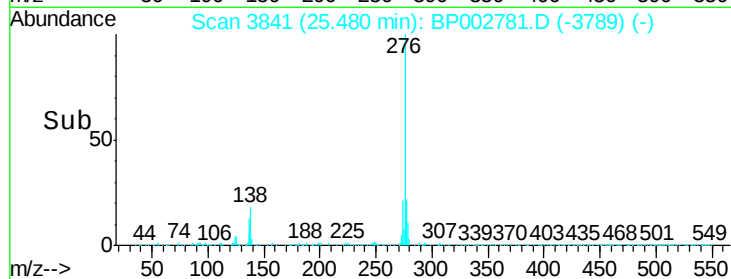
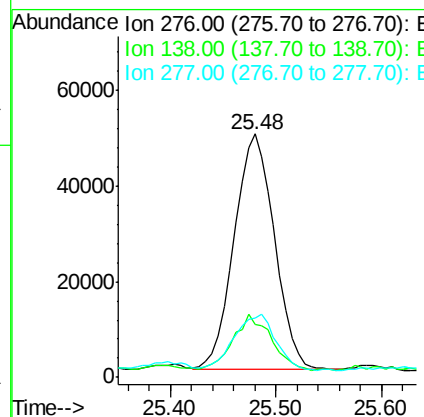
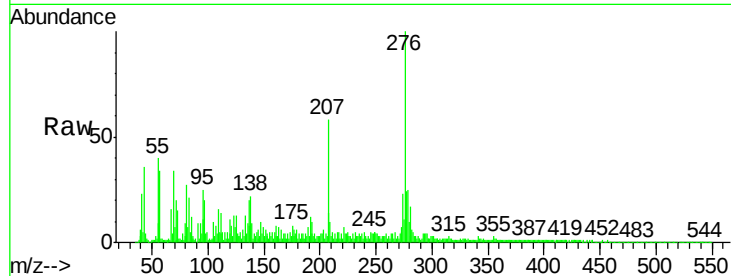
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.018 ng
 RT: 25.48 min Scan# 3841
 Delta R.T. 0.01 min
 Lab File: BP002781.D
 Acq: 16 Jul 2020 20:11

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.7	20.8	31.2
277	25.0	20.0	30.0

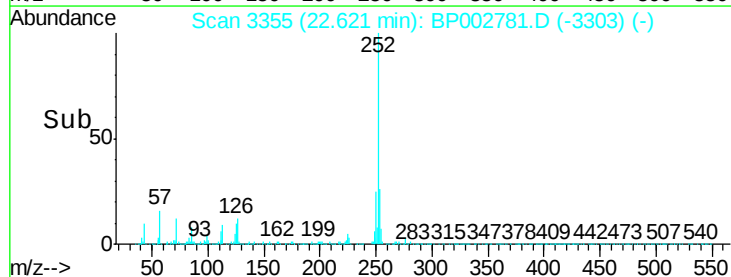
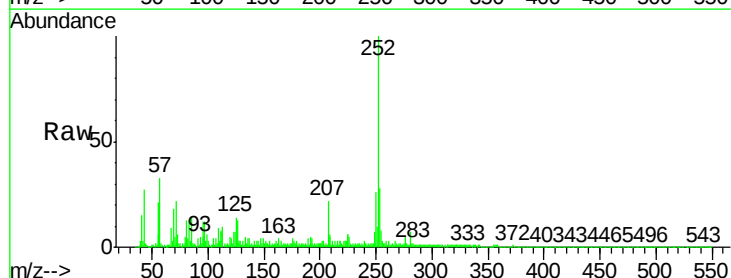
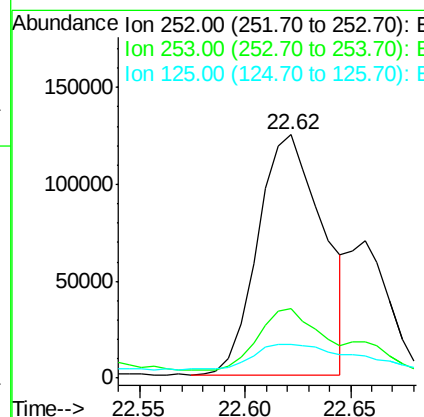
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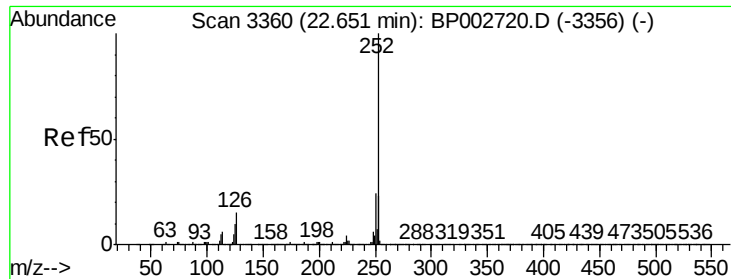
mohammad
 7/17/2020 12:30:40 PM



#88
 Benzo(b)fluoranthene
 Concen: 7.226 ng m
 RT: 22.62 min Scan# 3355
 Delta R.T. 0.01 min
 Lab File: BP002781.D
 Acq: 16 Jul 2020 20:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.4	17.7	26.5#
125	14.1	8.2	12.2#





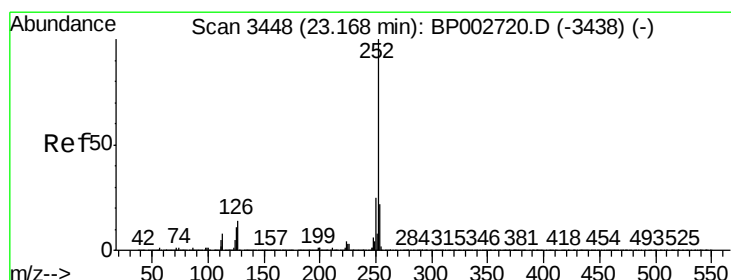
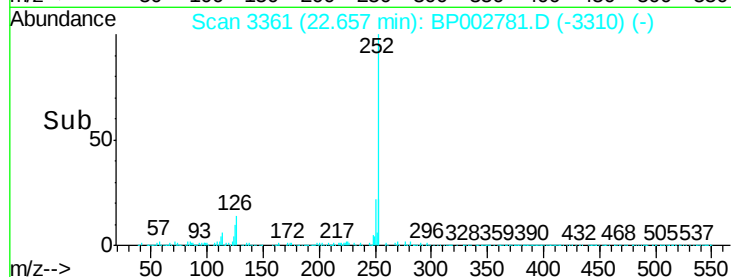
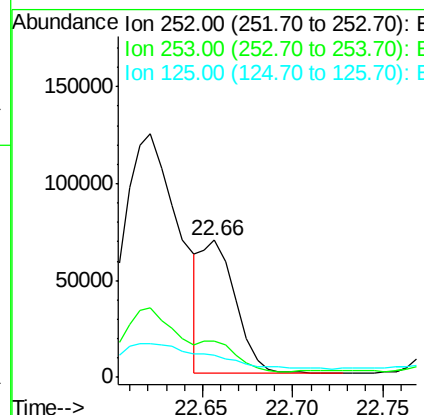
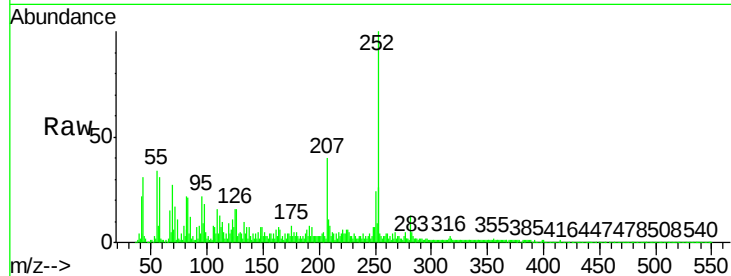
#89
Benzo(k)fluoranthene
Concen: 2.499 ng m
RT: 22.66 min Scan# 3361
Delta R.T. 0.00 min
Lab File: BP002781.D
Acq: 16 Jul 2020 20:11

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.8	26.8
125	16.3	8.3	12.5

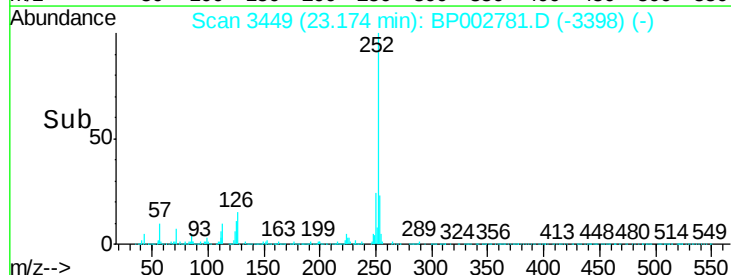
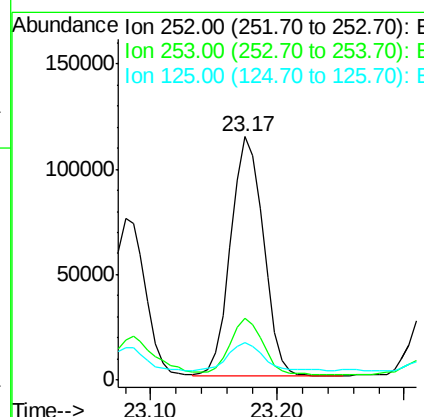
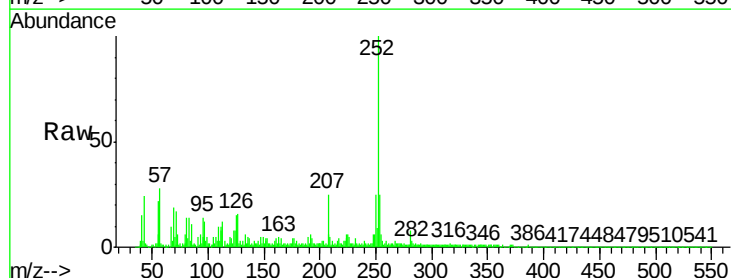
Manual Integrations
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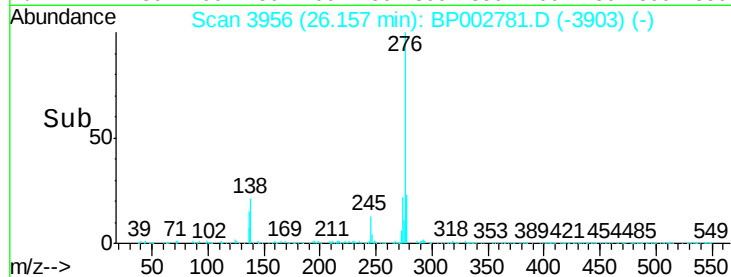
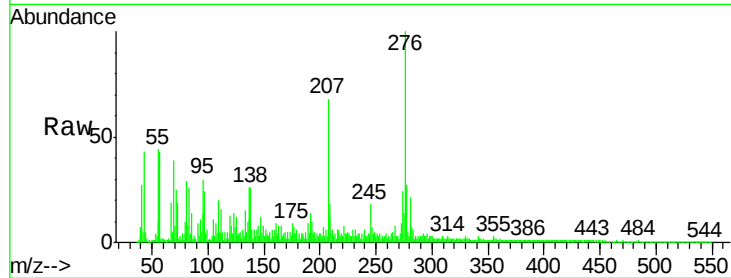
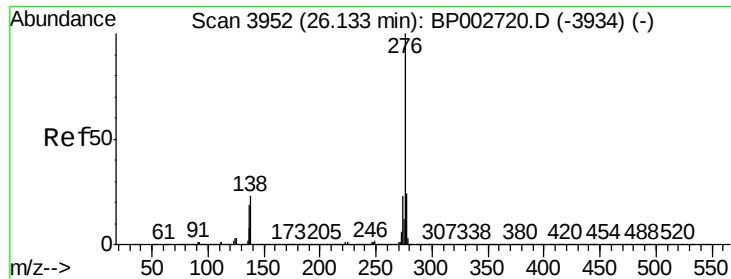
mohammad
7/17/2020 12:30:40 PM



#90
Benzo(a)pyrene
Concen: 5.800 ng
RT: 23.17 min Scan# 3449
Delta R.T. 0.00 min
Lab File: BP002781.D
Acq: 16 Jul 2020 20:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.6	26.4
125	15.3	8.6	13.0





#92

Benzo(a,h,i)perylene

Concen: 3.732 ng

RT: 26.16 min Scan# 3956

Delta R.T. 0.01 min

Lab File: BP002781.D

Acq: 16 Jul 2020 20:11

Instrument :

BNA_P

ClientSampleId :

FK-GF-02-058-A

Tot Ion:	276	Resp:	131449
Ion Ratio	Lower	Upper	
276	100		
277	26.6	19.1	28.7
138	25.8	18.3	27.5

Manual Integrations
APPROVED

mohammad
7/17/2020 12:30:40 PM

