

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090220\
 Data File : BP003193.D
 Acq On : 02 Sep 2020 18:45
 Operator : CG/JU
 Sample : L3866-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OK-03-090120

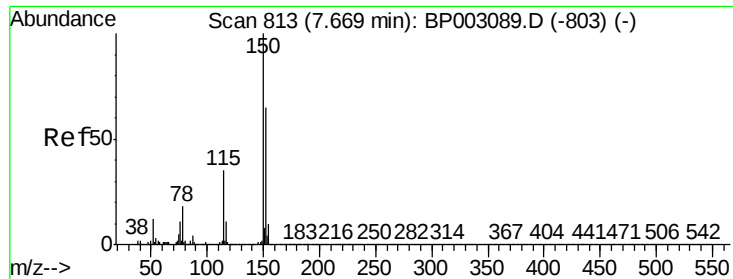
Manual Integrations
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mohammad
 9/3/2020 1:48:42 PM

Quant Time: Sep 03 01:31:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 14:37:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	178578	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	772742	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	512876	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	1218112	20.00	ng	0.00
76) Chrysene-d12	21.15	240	1350843	20.00	ng	0.00
86) Perylene-d12	23.38	264	1402856	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	387925	38.41	ng	0.00
7) Phenol-d6	6.84	99	486411	38.42	ng	0.00
23) Nitrobenzene-d5	8.80	82	286412	26.72	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	289707	41.77	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	908735	25.95	ng	0.00
79) Terphenyl-d14	19.63	244	1678690	27.34	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.76	163	159859	4.087	ng	99
71) Phenanthrene	17.09	178	579668	8.782	ng	100
72) Anthracene	17.18	178	239810	3.796	ng	99
75) Fluoranthene	19.07	202	1762071	23.098	ng	99
78) Pyrene	19.42	202	1521055	17.349	ng	100
81) Benzo(a)anthracene	21.13	228	929812	10.989	ng	98
83) Chrysene	21.18	228	785818	9.700	ng	98
87) Indeno(1,2,3-cd)pyrene	25.65	276	624802	5.972	ng	96
88) Benzo(b)fluoranthene	22.71	252	1188830	13.635	ng	96
89) Benzo(k)fluoranthene	22.75	252	382393m	4.590	ng	
90) Benzo(a)pyrene	23.28	252	887711	10.974	ng	97
92) Benzo(a,h,i)perylene	26.34	276	587244	6.809	ng	98

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



#1

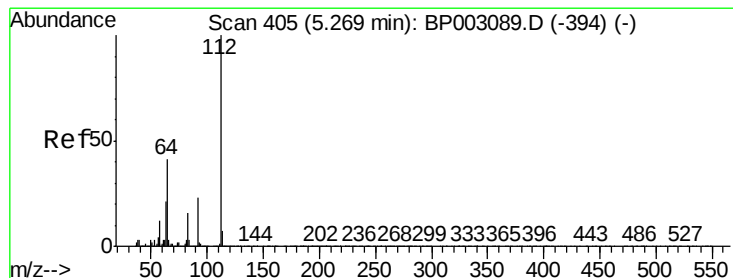
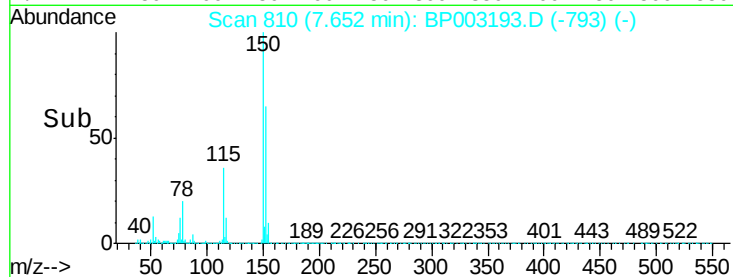
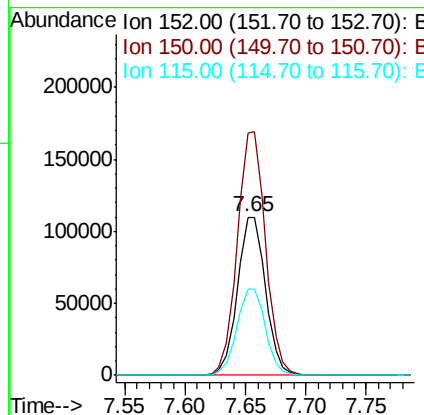
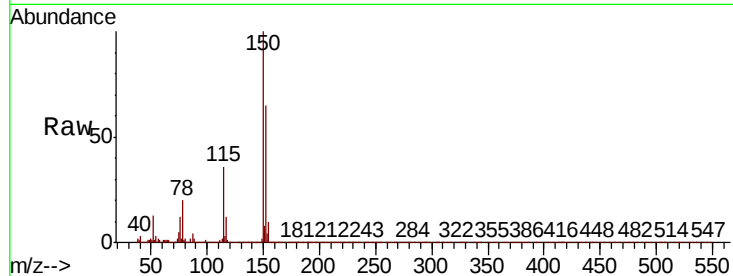
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 810
Delta R.T. -0.00 min
Lab File: BP003193.D
Acq: 02 Sep 2020 18:45

Instrument :
BNA_P
ClientSampleId :
OK-03-090120

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	123.8	185.6
115	54.4	43.8	65.6

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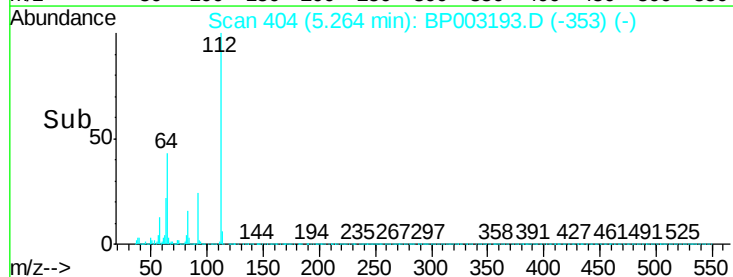
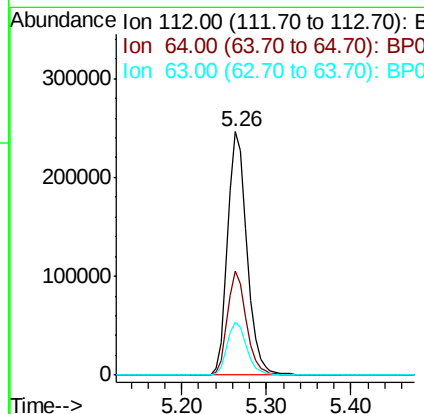
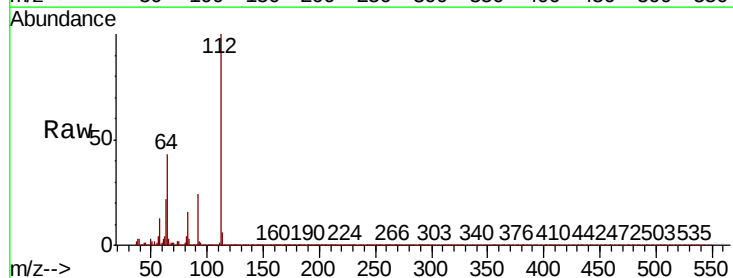
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#5

2-Fluorophenol
Concen: 38.407 ng
RT: 5.26 min Scan# 404
Delta R.T. -0.00 min
Lab File: BP003193.D
Acq: 02 Sep 2020 18:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.6	32.8	49.2
63	21.8	17.0	25.4





#7

Phenol-d6

Concen: 38.416 ng

RT: 6.84 min Scan# 672

Delta R.T. 0.01 min

Lab File: BP003193.D

Acq: 02 Sep 2020 18:45

Instrument :

BNA_P

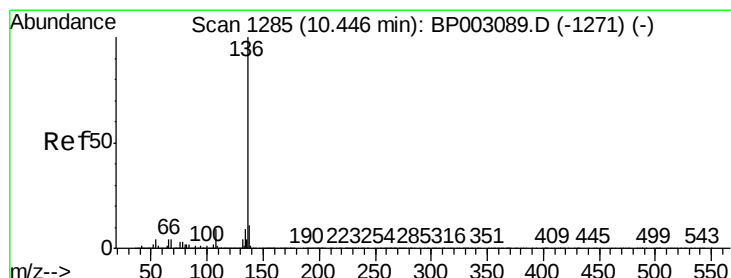
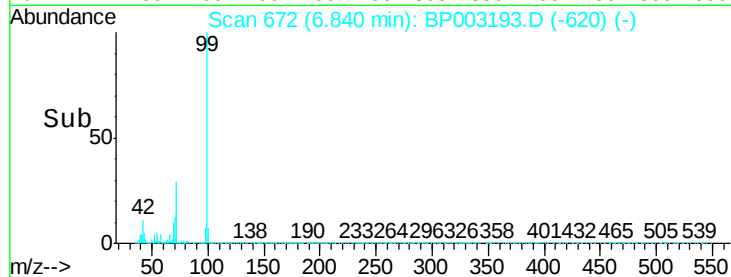
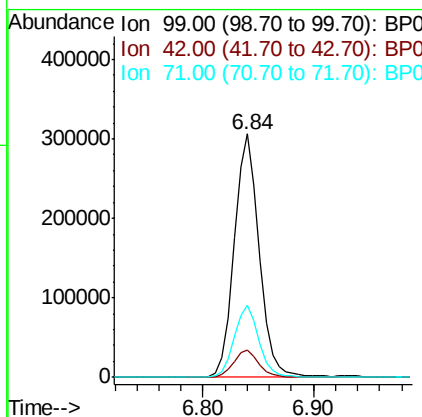
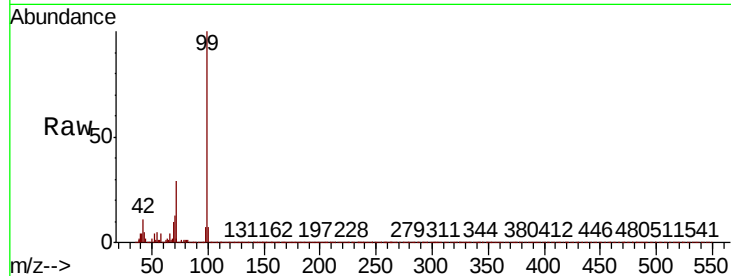
ClientSampleId :

OK-03-090120

Tot Ion:	99	Resp:	486411
Ion Ratio	Lower	Upper	
99	100		
42	11.1	8.6	13.0
71	29.5	23.4	35.2

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#21

Naphthalene-d8

Concen: 20.000 ng

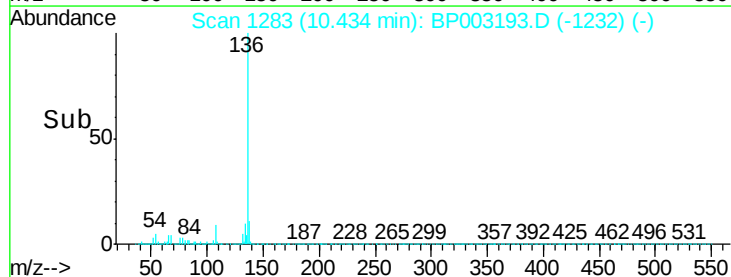
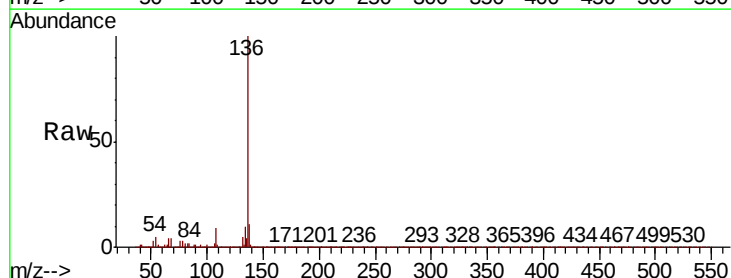
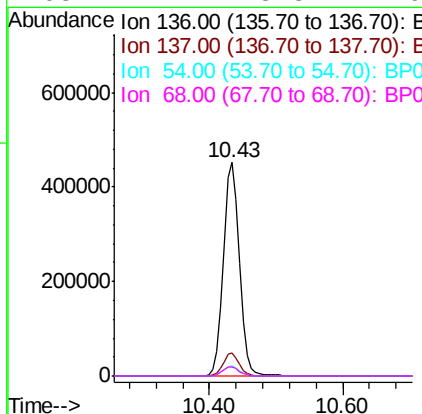
RT: 10.43 min Scan# 1283

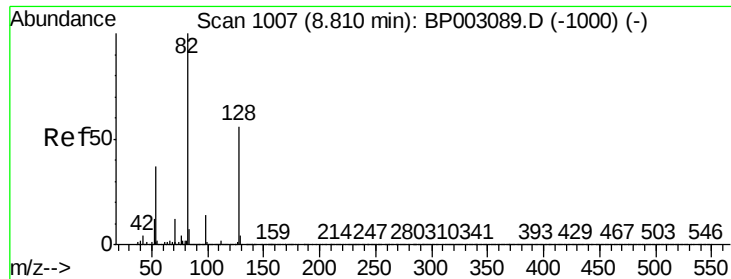
Delta R.T. -0.00 min

Lab File: BP003193.D

Acq: 02 Sep 2020 18:45

Tgt Ion:	136	Resp:	772742
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	13.0
54	4.8	3.6	5.4
68	4.2	3.3	4.9





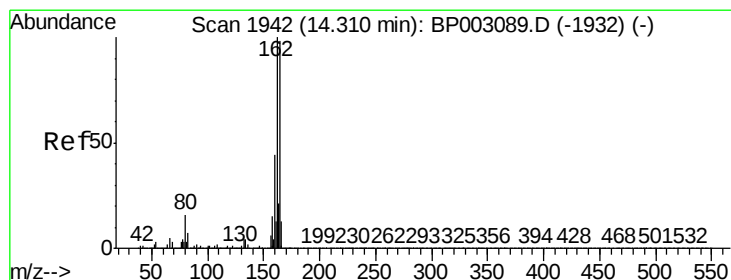
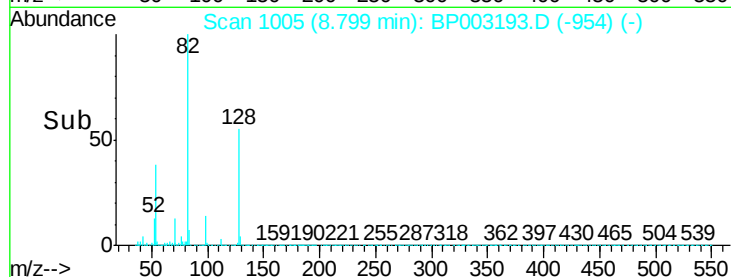
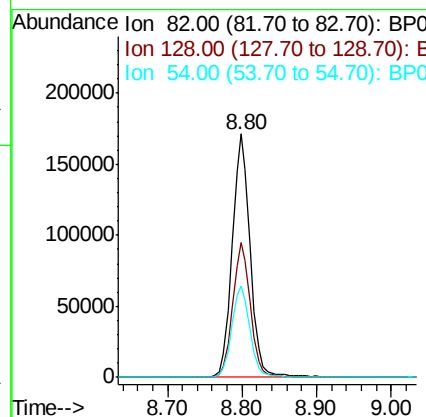
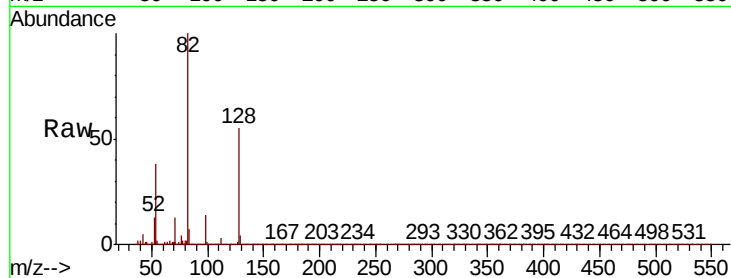
#23
 Nitrobenzene-d5
 Concen: 26.720 ng
 RT: 8.80 min Scan# 1005
 Delta R.T. -0.00 min
 Lab File: BP003193.D
 Acq: 02 Sep 2020 18:45

Instrument :
 BNA_P
 ClientSampleId :
 OK-03-090120

Tot Ion	Ratio	Lower	Upper
82	100		
128	55.4	45.6	68.4
54	37.7	30.1	45.1

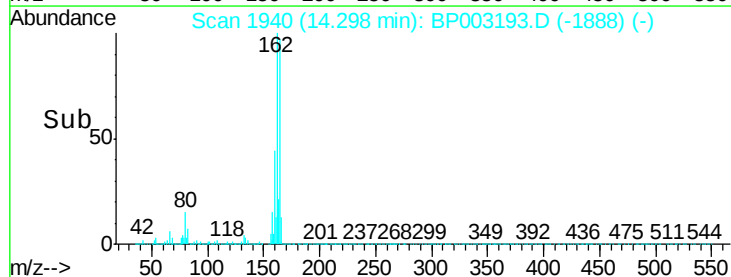
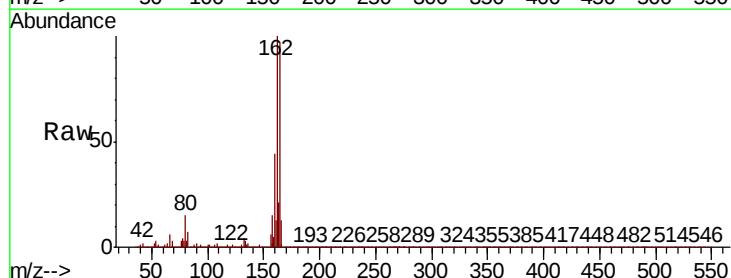
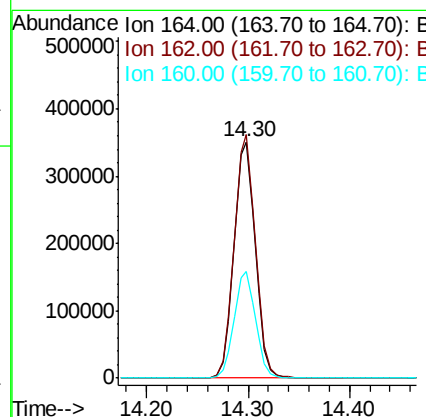
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1940
 Delta R.T. 0.01 min
 Lab File: BP003193.D
 Acq: 02 Sep 2020 18:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	79.4	119.2
160	45.2	36.1	54.1





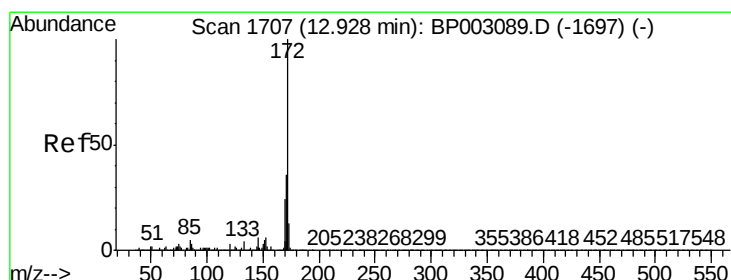
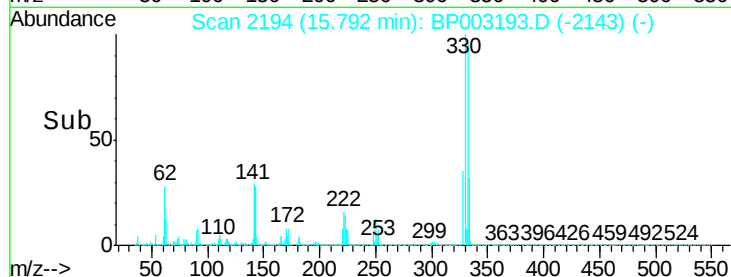
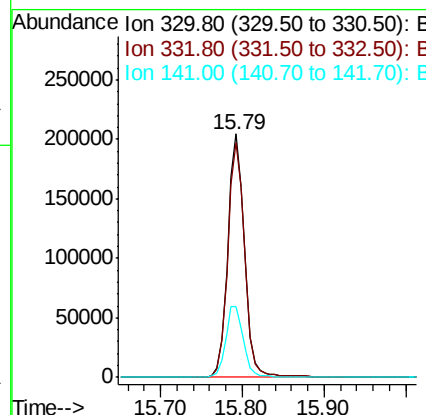
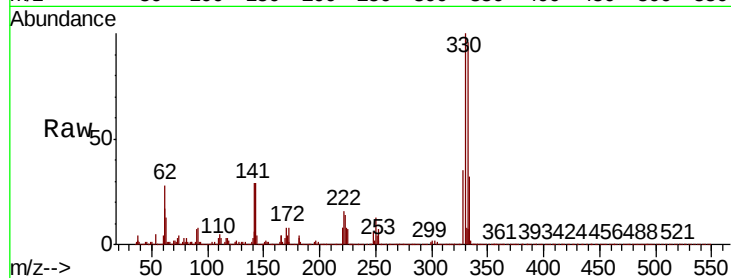
#42
2,4,6-Tribromophenol
Concen: 41.765 ng
RT: 15.79 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BP003193.D
Acq: 02 Sep 2020 18:45

Instrument :
BNA_P
ClientSampleId :
OK-03-090120

Tot Ion	Ratio	Resp	Lower	Upper
330	100	289707		
332	97.2		77.1	115.7
141	30.9		23.4	35.2

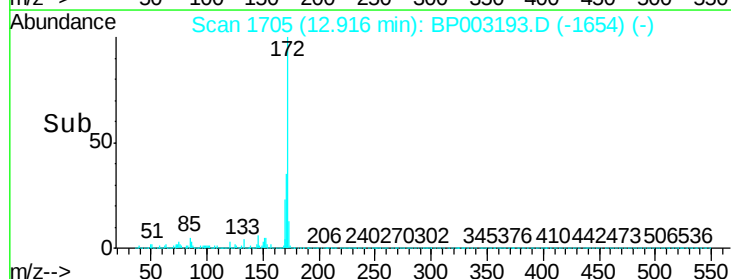
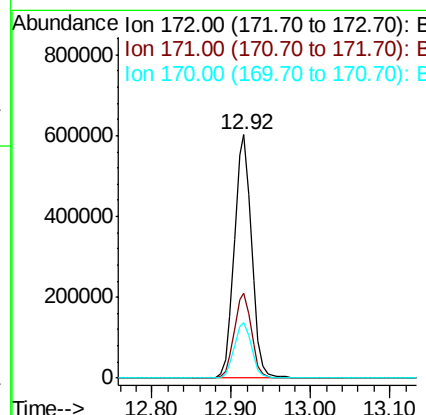
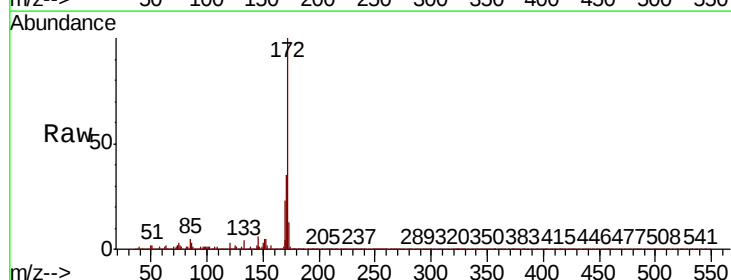
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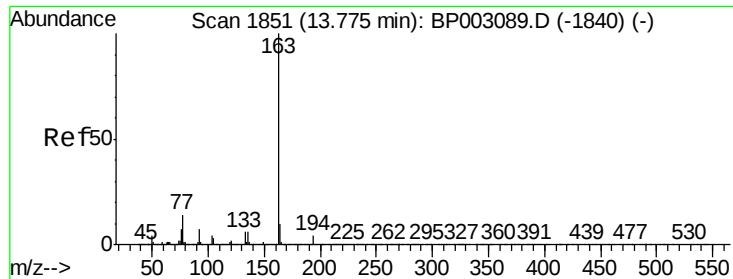
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#45
2-Fluorobiphenyl
Concen: 25.948 ng
RT: 12.92 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BP003193.D
Acq: 02 Sep 2020 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	908735		
171	34.9		28.5	42.7
170	22.9		19.2	28.8





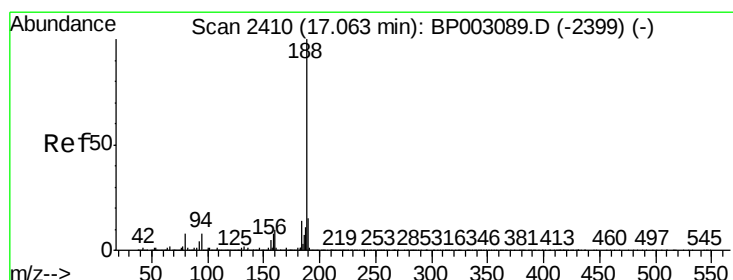
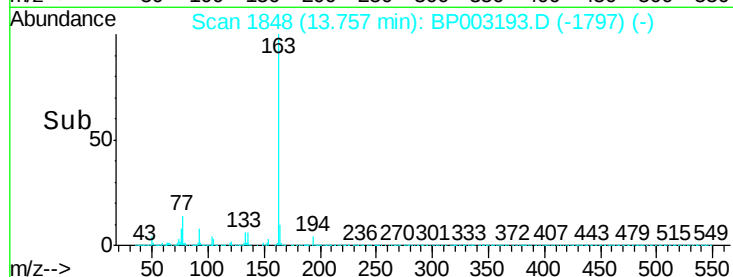
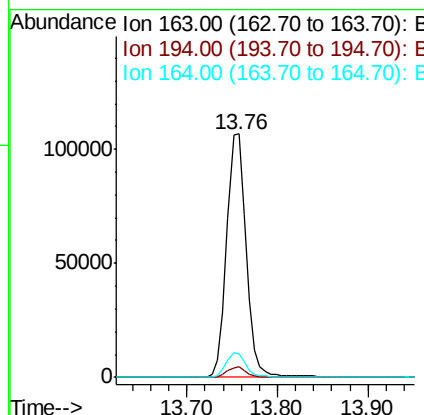
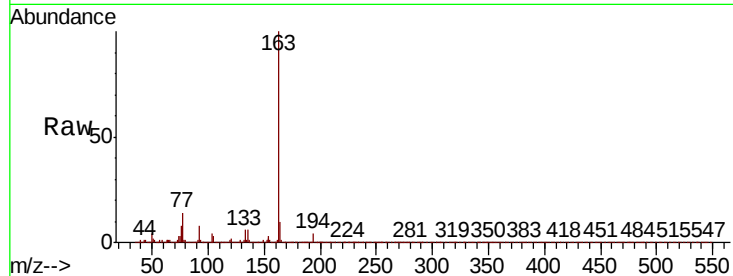
#50
Dimethylphthalate
Concen: 4.087 ng
RT: 13.76 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BP003193.D
Acq: 02 Sep 2020 18:45

Instrument :
BNA_P
ClientSampleId :
OK-03-090120

Tot Ion:	163	Resp:	159859
Ion Ratio		Lower	Upper
163	100		
194	4.2	3.3	4.9
164	9.8	8.2	12.2

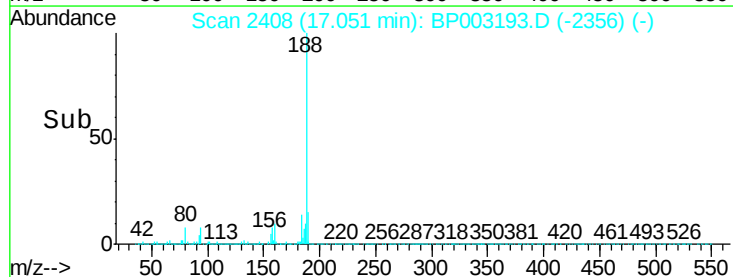
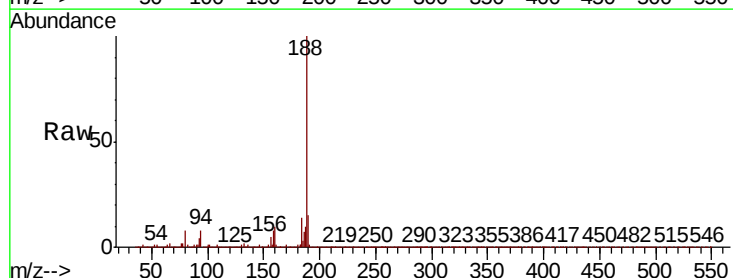
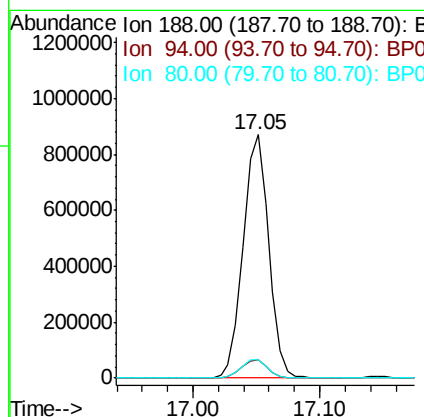
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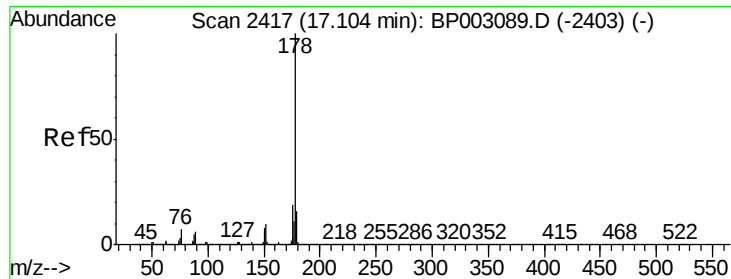
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2408
Delta R.T. 0.01 min
Lab File: BP003193.D
Acq: 02 Sep 2020 18:45

Tgt Ion:	188	Resp:	1218112
Ion Ratio		Lower	Upper
188	100		
94	7.6	6.2	9.2
80	7.7	6.2	9.2





#71

Phenanthrene

Concen: 8.782 ng

RT: 17.09 min Scan# 2415

Delta R.T. 0.01 min

Lab File: BP003193.D

Acq: 02 Sep 2020 18:45

Instrument :

BNA_P

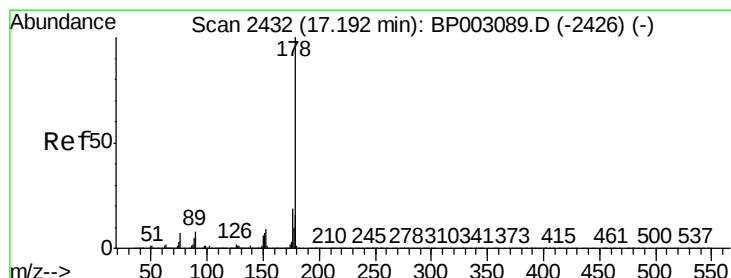
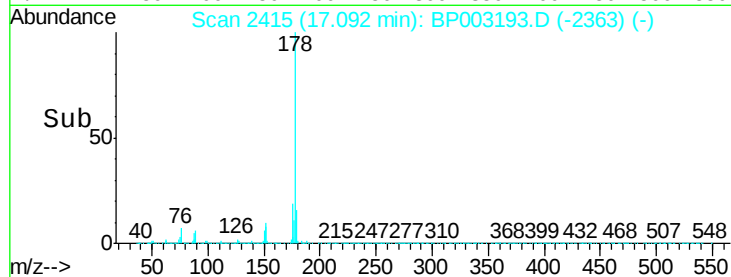
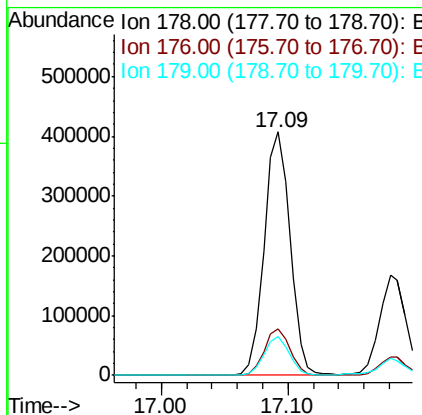
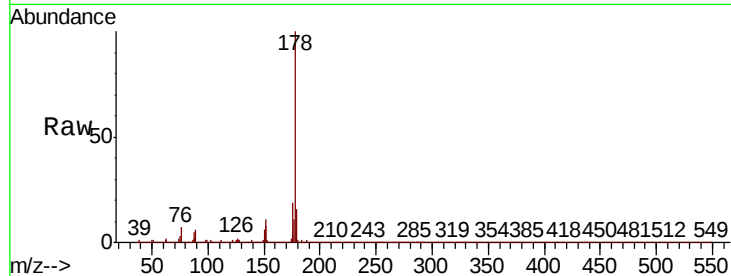
ClientSampled :

OK-03-090120

Tot Ion:	178	Resp:	579668
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.3	22.9
179	15.8	12.5	18.7

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#72

Anthracene

Concen: 3.796 ng

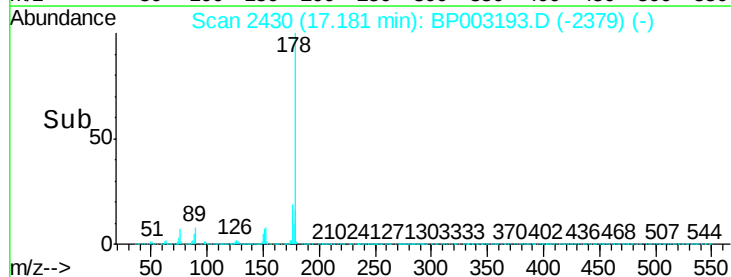
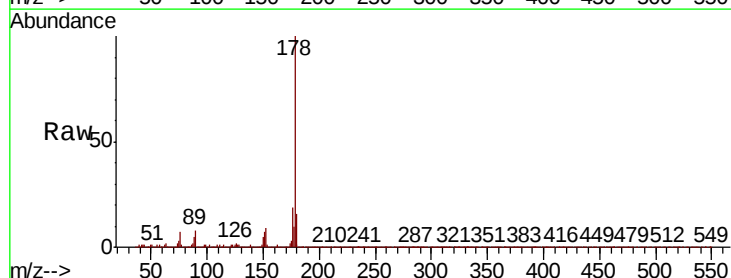
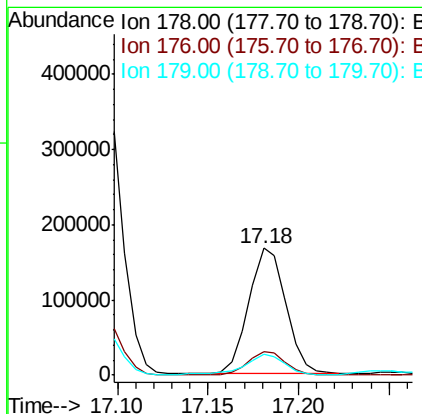
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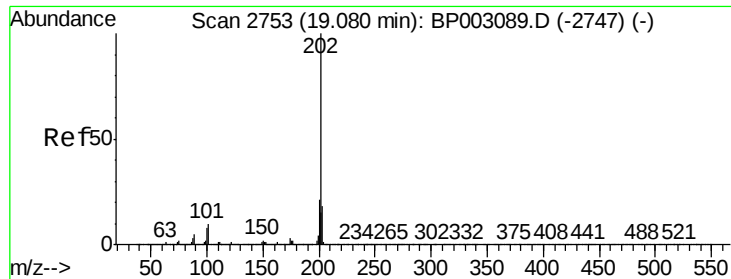
Delta R.T. -0.00 min

Lab File: BP003193.D

Acq: 02 Sep 2020 18:45

Tgt Ion:	178	Resp:	239810
Ion Ratio	Lower	Upper	
178	100		
176	18.8	15.0	22.4
179	16.3	12.5	18.7





#75

Fluoranthene

Concen: 23.098 ng

RT: 19.07 min Scan# 2751

Delta R.T. -0.00 min

Lab File: BP003193.D

Acq: 02 Sep 2020 18:45

Instrument :

BNA_P

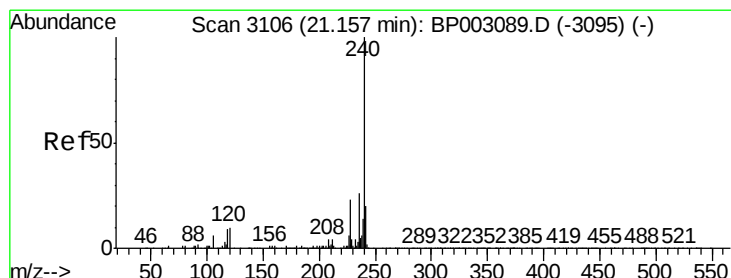
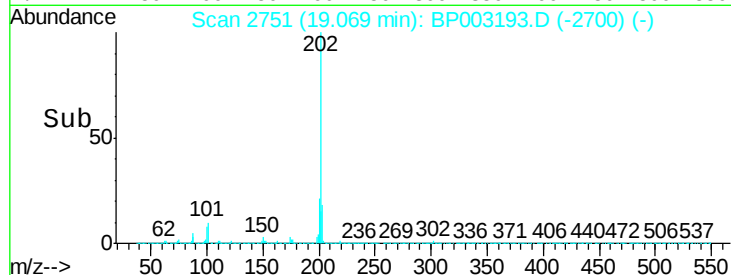
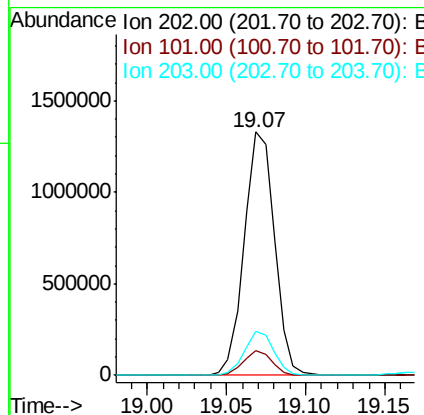
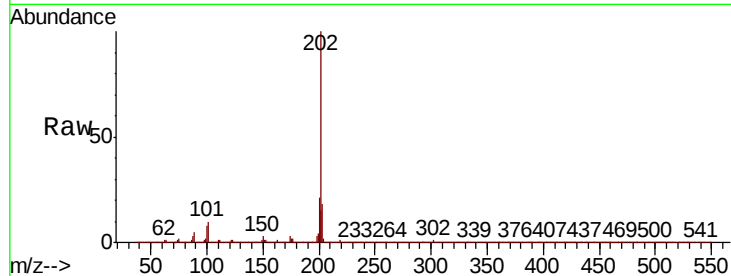
ClientSampleId :

OK-03-090120

Tot Ion:	202	Resp:	1762071
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	29.4
203	17.8	0.0	37.8

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#76

Chrysene-d12

Concen: 20.000 ng

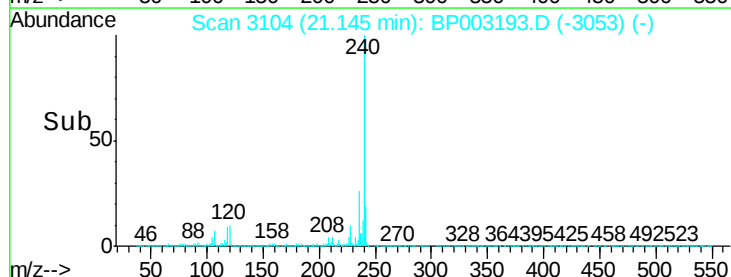
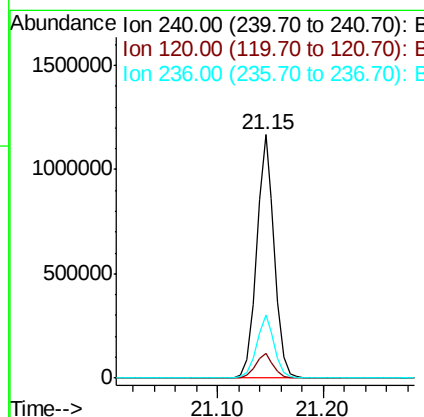
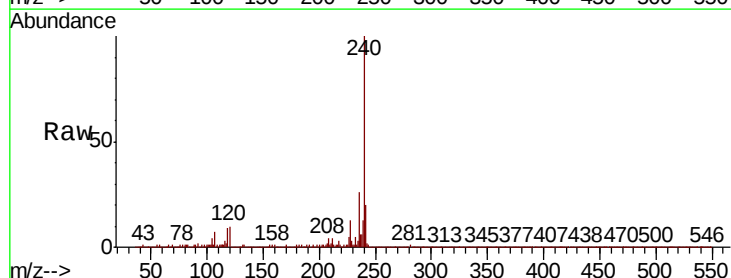
RT: 21.15 min Scan# 3104

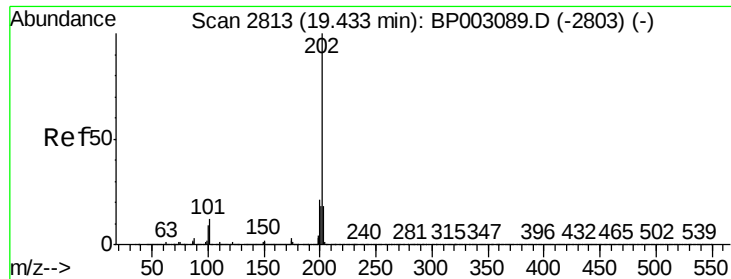
Delta R.T. -0.00 min

Lab File: BP003193.D

Acq: 02 Sep 2020 18:45

Tgt Ion:	240	Resp:	1350843
Ion Ratio	Lower	Upper	
240	100		
120	9.9	7.8	11.6
236	26.2	20.8	31.2





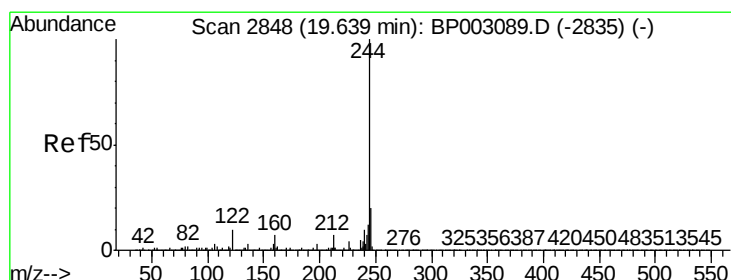
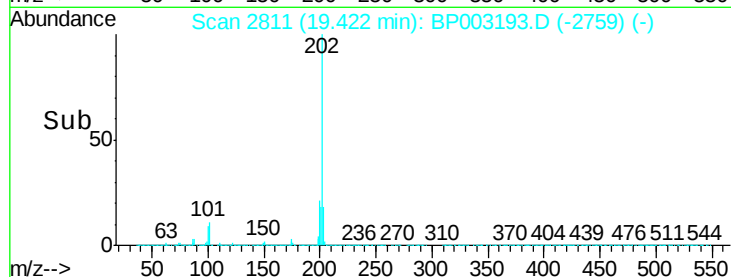
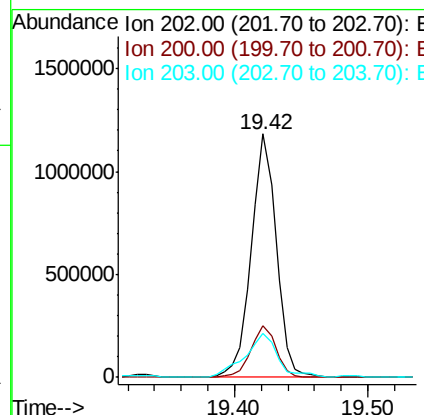
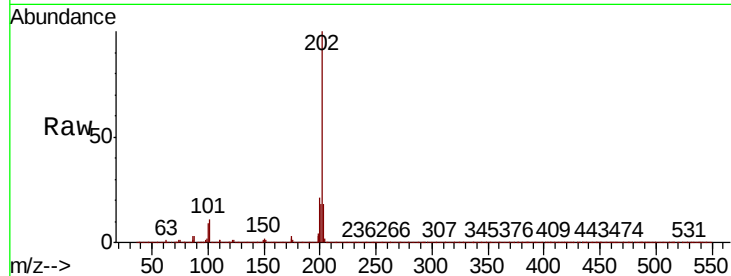
#78
Pvrene
Concen: 17.349 ng
RT: 19.42 min Scan# 2811
Delta R.T. 0.01 min
Lab File: BP003193.D
Acq: 02 Sep 2020 18:45

Instrument :
BNA_P
ClientSampleId :
OK-03-090120

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.1	25.7
203	17.8	14.2	21.2

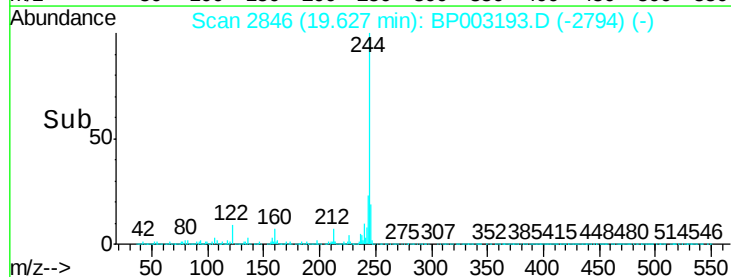
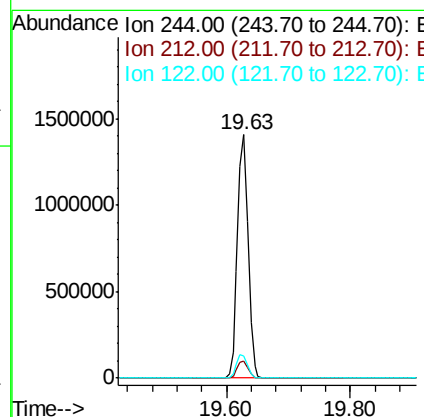
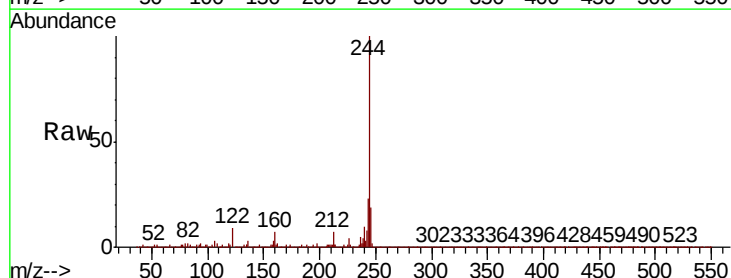
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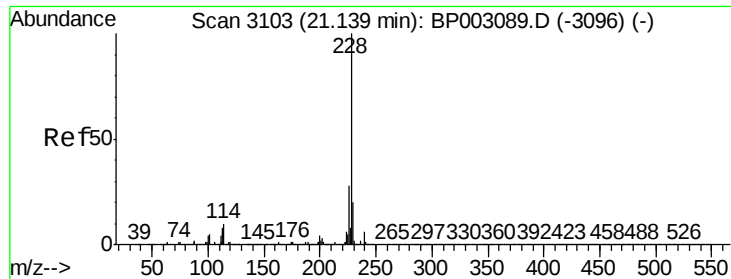
mohammad
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#79
Terphenyl-d14
Concen: 27.345 ng
RT: 19.63 min Scan# 2846
Delta R.T. 0.01 min
Lab File: BP003193.D
Acq: 02 Sep 2020 18:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	9.3	7.8	11.8





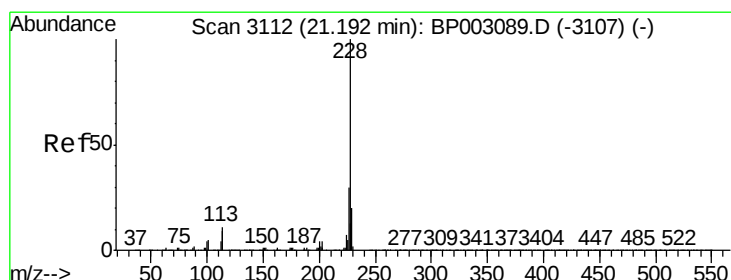
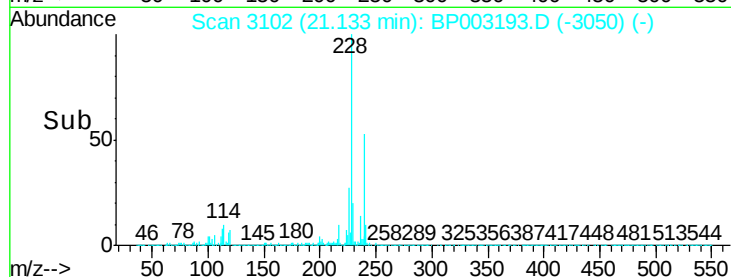
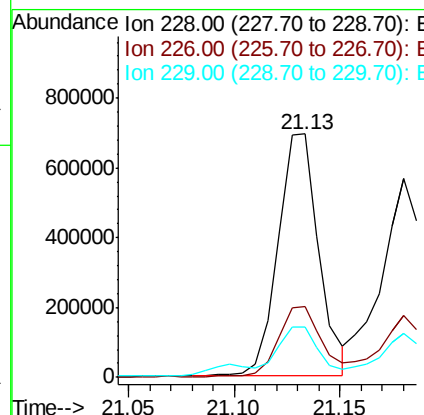
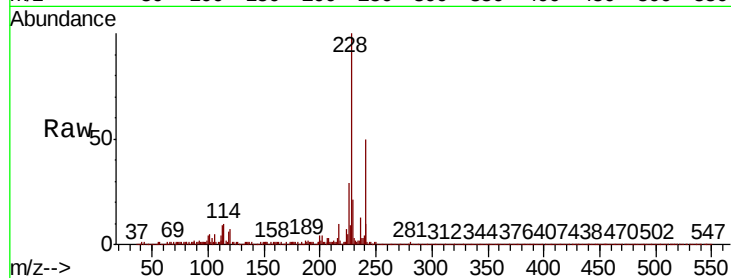
#81
Benzo(a)anthracene
Concen: 10.989 ng
RT: 21.13 min Scan# 3102
Delta R.T. 0.01 min
Lab File: BP003193.D
Acq: 02 Sep 2020 18:45

Instrument :
BNA_P
ClientSampleId :
OK-03-090120

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.1	33.1
229	20.6	15.9	23.9

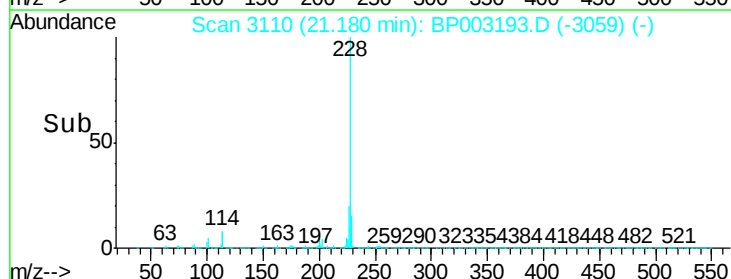
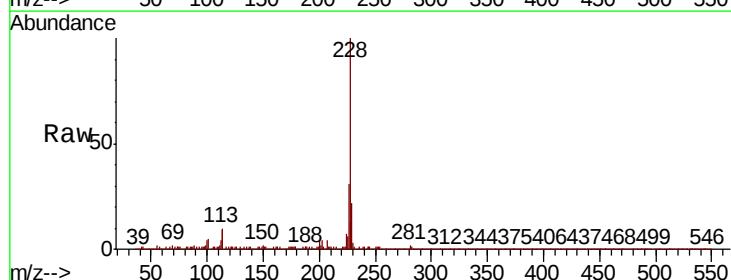
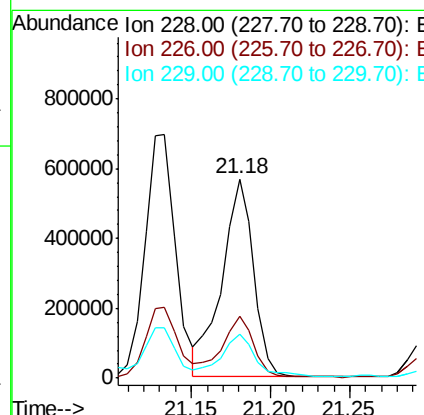
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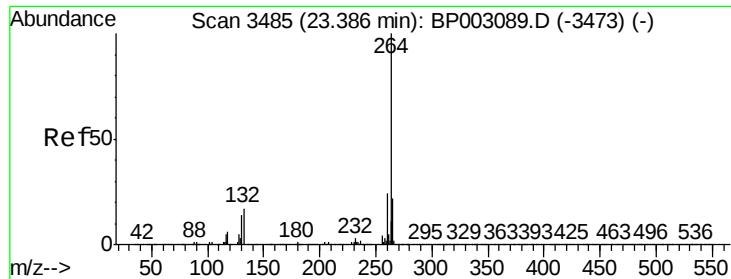
mohammad
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#83
Chrysene
Concen: 9.700 ng
RT: 21.18 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BP003193.D
Acq: 02 Sep 2020 18:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.4	36.6
229	21.9	15.8	23.6





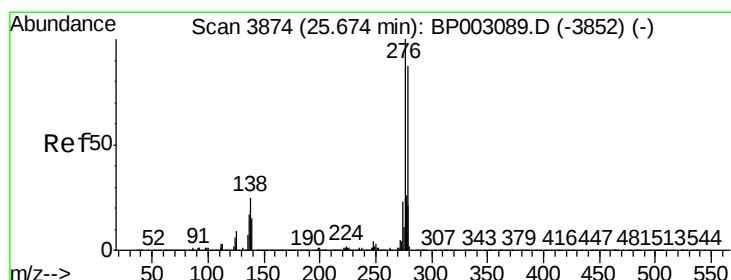
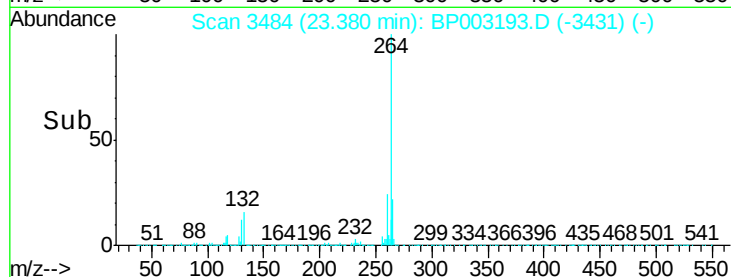
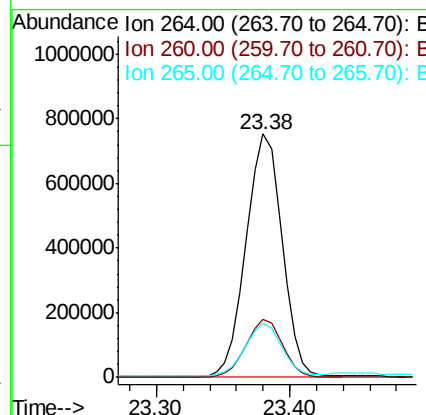
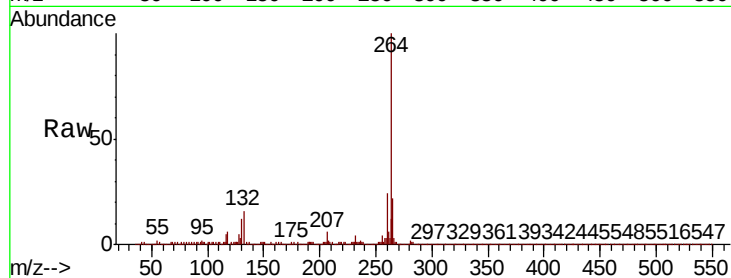
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3484
Delta R.T. 0.01 min
Lab File: BP003193.D
Acq: 02 Sep 2020 18:45

Instrument :
BNA_P
ClientSampleId :
OK-03-090120

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	22.1	17.4	26.2

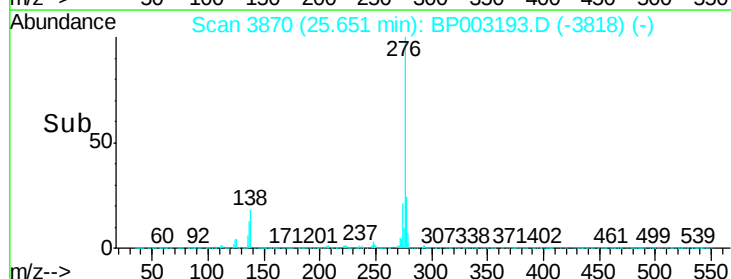
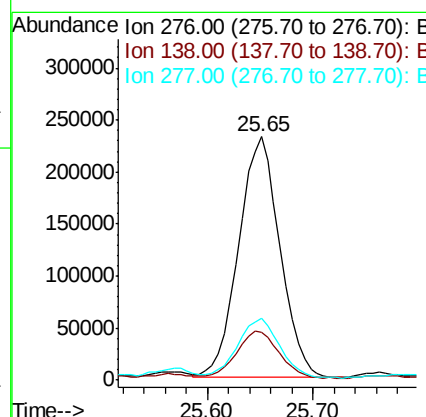
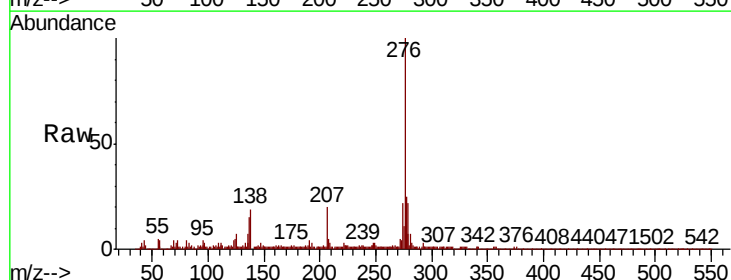
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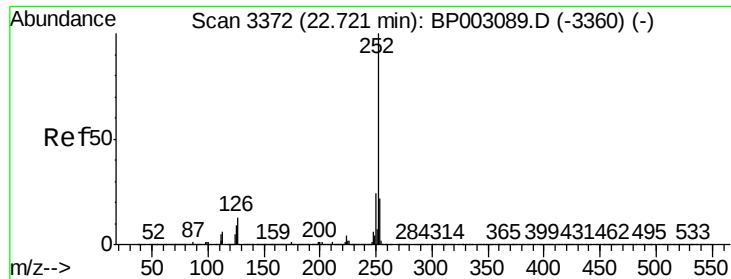
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#87
Indeno(1,2,3-cd)pyrene
Concen: 5.972 ng
RT: 25.65 min Scan# 3870
Delta R.T. 0.01 min
Lab File: BP003193.D
Acq: 02 Sep 2020 18:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.9	18.7	28.1
277	25.2	20.4	30.6





#88

Benzo(b)fluoranthene

Concen: 13.635 ng

RT: 22.71 min Scan# 3370

Delta R.T. 0.01 min

Lab File: BP003193.D

Acq: 02 Sep 2020 18:45

Instrument :

BNA_P

ClientSampleId :

OK-03-090120

Tot Ion:252 Resp: 1188830

Ion Ratio Lower Upper

252 100

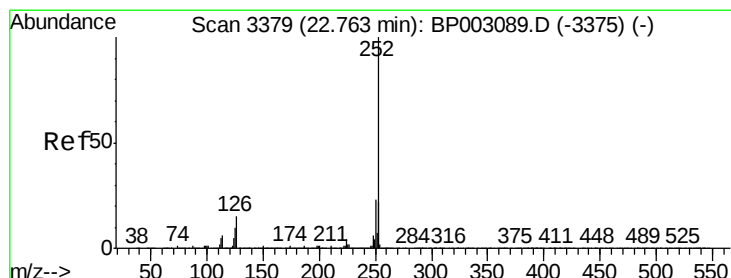
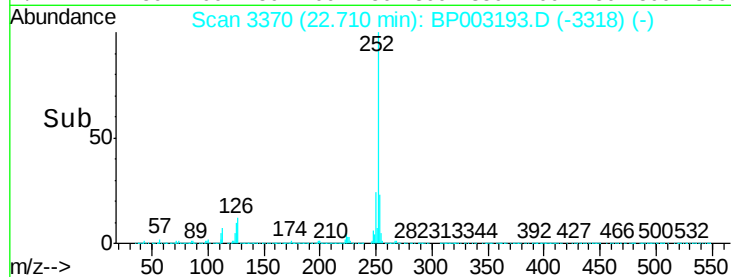
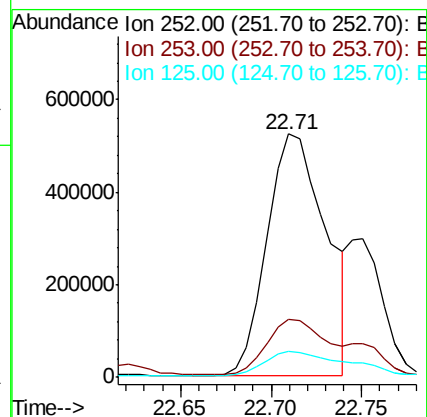
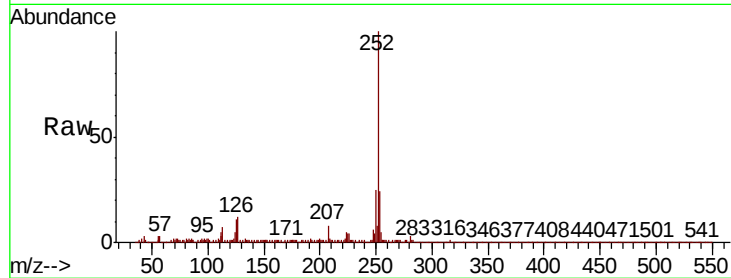
253 23.8 17.6 26.4

125 10.6 7.3 10.9

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#89

Benzo(k)fluoranthene

Concen: 4.590 ng m

RT: 22.75 min Scan# 3377

Delta R.T. 0.01 min

Lab File: BP003193.D

Acq: 02 Sep 2020 18:45

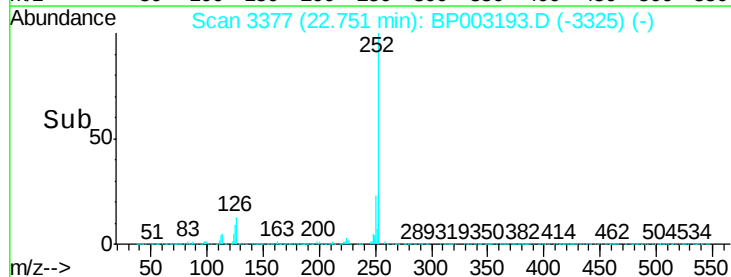
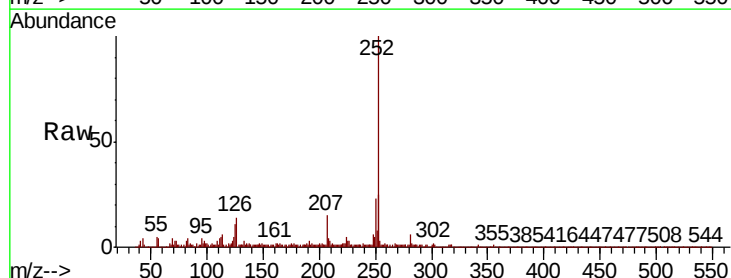
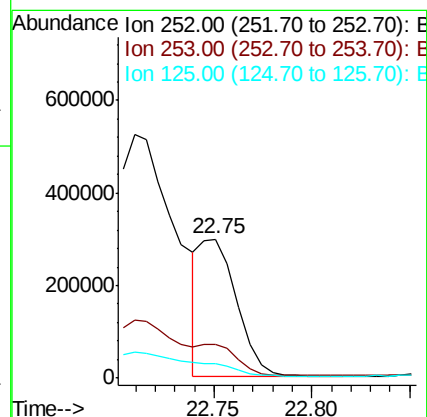
Tgt Ion:252 Resp: 382393

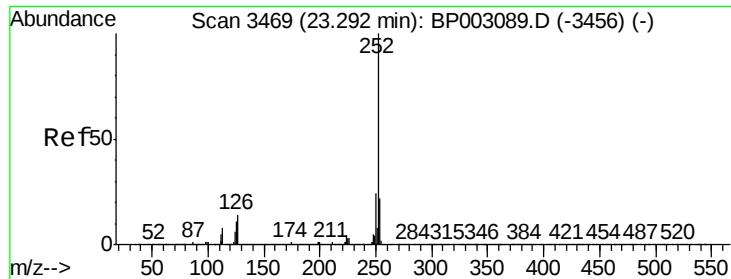
Ion Ratio Lower Upper

252 100

253 24.6 17.8 26.8

125 10.8 7.4 11.2





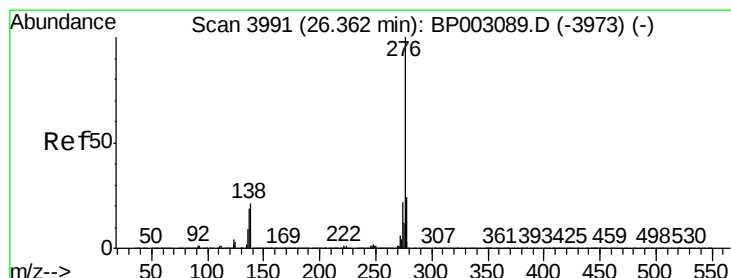
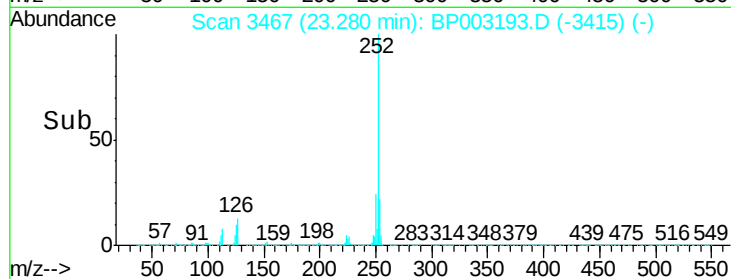
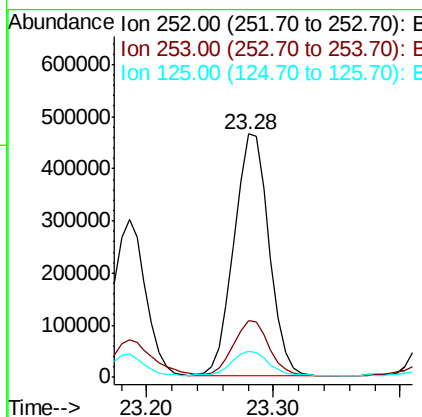
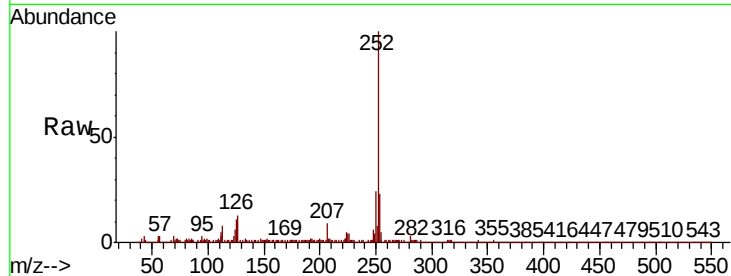
#90
Benzo(a)pyrene
Concen: 10.974 ng
RT: 23.28 min Scan# 3467
Delta R.T. 0.01 min
Lab File: BP003193.D
Acq: 02 Sep 2020 18:45

Instrument :
BNA_P
ClientSampleId :
OK-03-090120

Tot Ion:	252	Resp:	887711
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.4	26.0
125	10.7	8.2	12.4

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 6.809 ng
RT: 26.34 min Scan# 3988
Delta R.T. 0.01 min
Lab File: BP003193.D
Acq: 02 Sep 2020 18:45

Tgt Ion:	276	Resp:	587244
Ion Ratio	Lower	Upper	
276	100		
277	25.1	19.0	28.6
138	20.4	16.6	24.8

