

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062320\
 Data File : BP002504.D
 Acq On : 23 Jun 2020 15:50
 Operator : CG/JU
 Sample : L3082-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-13

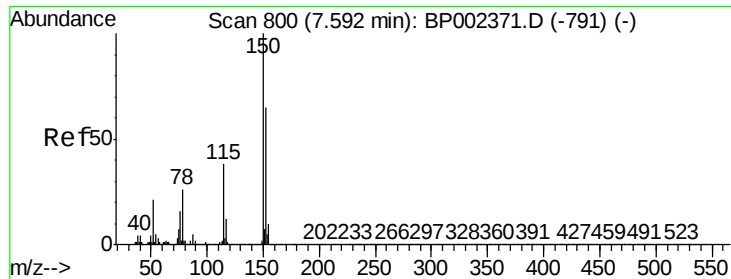
Manual Integrations
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Quant Time: Jun 23 17:30:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 15:08:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	174410	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	672531	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	394082	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	880701	20.00	ng	0.00
76) Chrysene-d12	21.10	240	909465	20.00	ng	-0.01
86) Perylene-d12	23.30	264	960894	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	402466	42.70	ng	0.00
7) Phenol-d6	6.78	99	1052548	83.88	ng	0.00
23) Nitrobenzene-d5	8.73	82	937772	83.27	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	130917	34.70	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	2004526	85.53	ng	0.00
79) Terphenyl-d14	19.58	244	2974264	83.60	ng	0.00
Target Compounds						
49) Acenaphthylene	13.95	152	70421	2.088	ng	99
50) Dimethylphthalate	13.70	163	172556	6.390	ng	100
71) Phenanthrene	17.03	178	375885	9.124	ng	99
72) Anthracene	17.12	178	82591	2.018	ng	98
75) Fluoranthene	19.02	202	803569	16.341	ng	98
78) Pyrene	19.37	202	752573	13.509	ng	98
81) Benzo(a)anthracene	21.08	228	443687	8.547	ng	98
83) Chrysene	21.13	228	414241	8.422	ng	97
87) Indeno(1,2,3-cd)pyrene	25.51	276	373687	6.218	ng	96
88) Benzo(b)fluoranthene	22.65	252	780148m	15.055	ng	
89) Benzo(k)fluoranthene	22.68	252	263214m	5.346	ng	
90) Benzo(a)pyrene	23.20	252	545027	11.224	ng	99
91) Dibenzo(a,h)anthracene	25.51	278	101398m	2.103	ng	
92) Benzo(g,h,i)perylene	26.18	276	396817	7.947	ng	97

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



#1

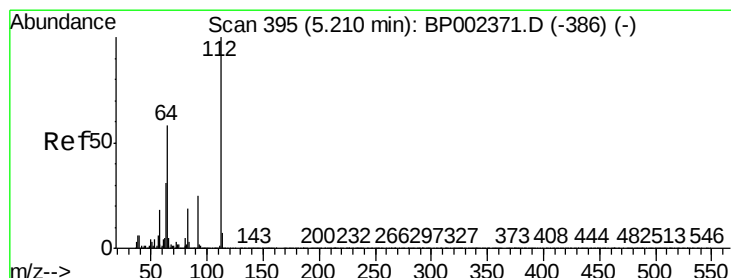
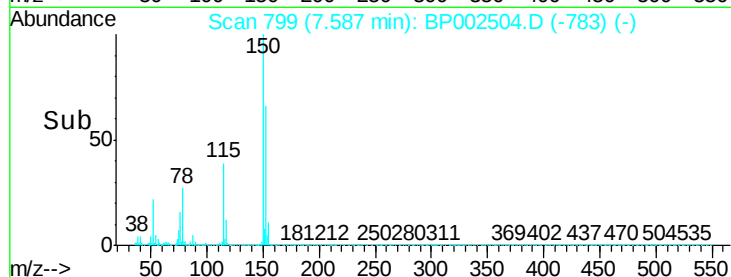
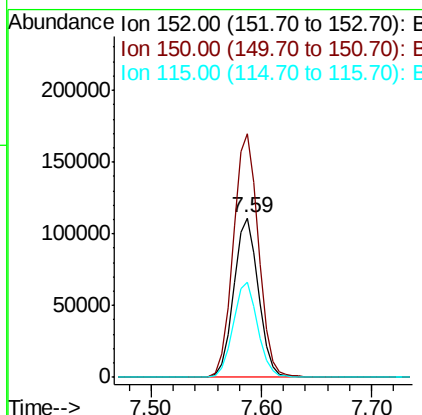
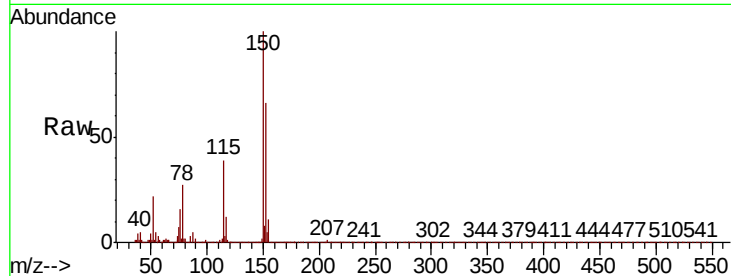
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 799
Delta R.T. -0.01 min
Lab File: BP002504.D
Acq: 23 Jun 2020 15:50

Instrument :
BNA_P
ClientSampled :
SB-13

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	124.0	186.0
115	59.9	47.4	71.0

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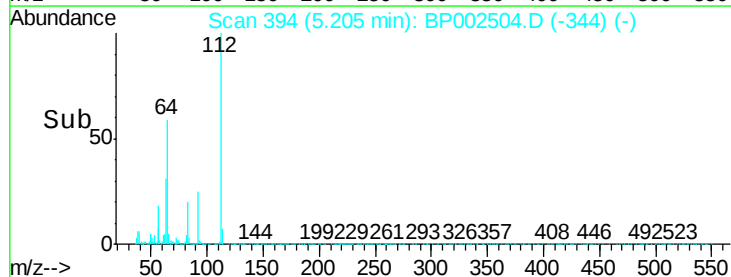
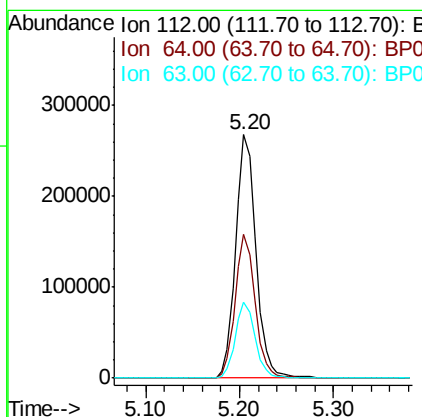
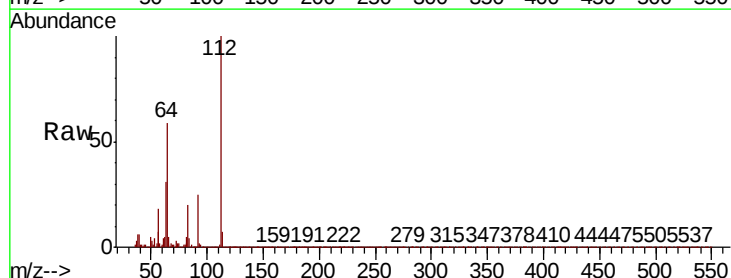
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#5

2-Fluorophenol
Concen: 42.700 ng
RT: 5.20 min Scan# 394
Delta R.T. -0.01 min
Lab File: BP002504.D
Acq: 23 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	46.2	69.2
63	31.0	24.5	36.7





#7

Phenol-d6

Concen: 83.875 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.01 min

Lab File: BP002504.D

Acq: 23 Jun 2020 15:50

Instrument :

BNA_P

ClientSampleId :

SB-13

Tot Ion: 99 Resp: 1052548

Ion Ratio Lower Upper

99 100

42 18.2 14.6 22.0

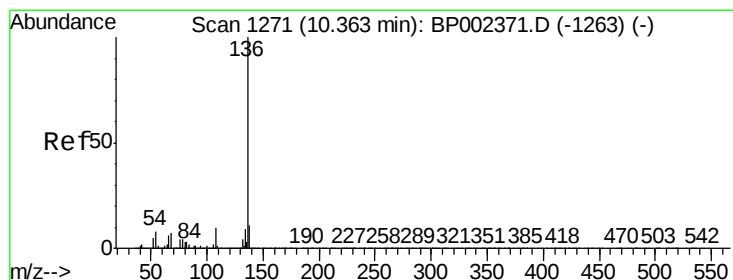
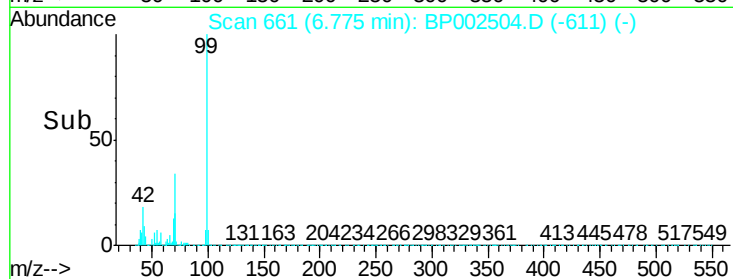
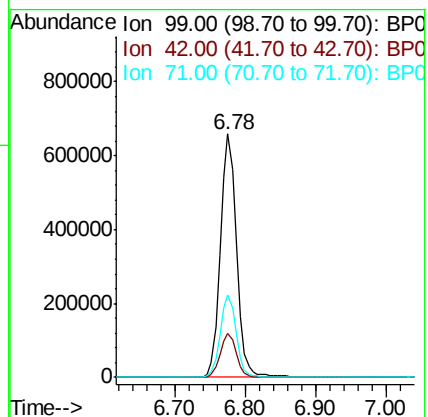
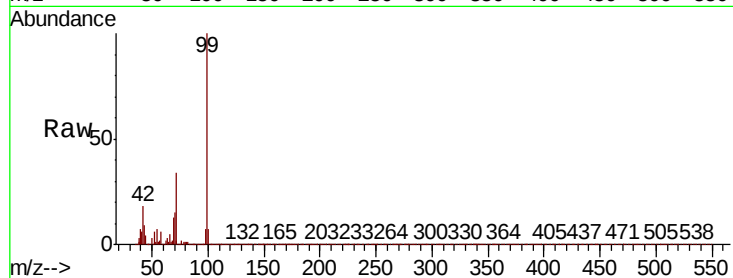
71 34.0 27.2 40.8

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BP002504.D

Acq: 23 Jun 2020 15:50

Tgt Ion: 136 Resp: 672531

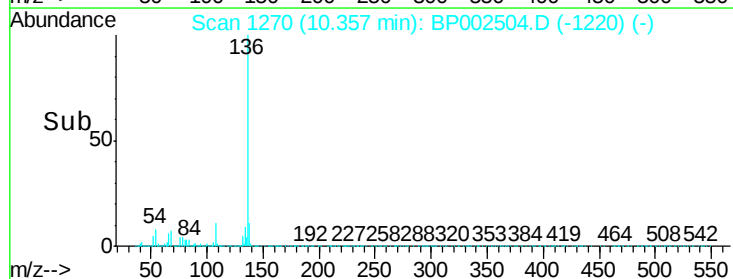
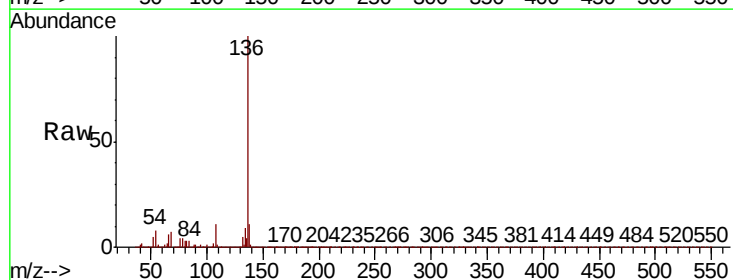
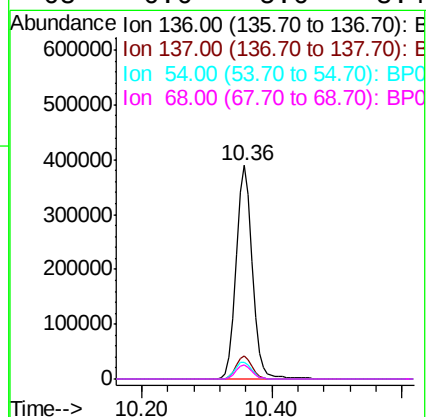
Ion Ratio Lower Upper

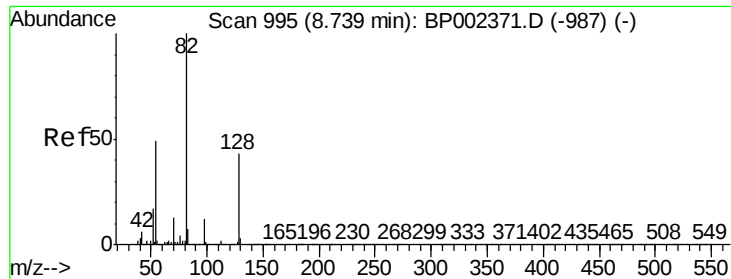
136 100

137 11.0 8.8 13.2

54 8.1 6.4 9.6

68 6.6 5.6 8.4





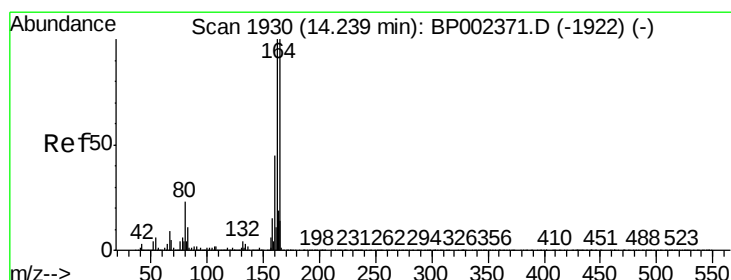
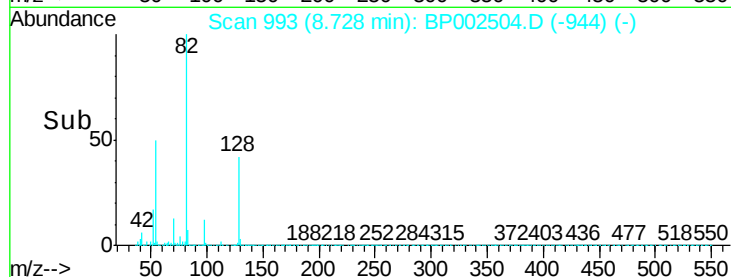
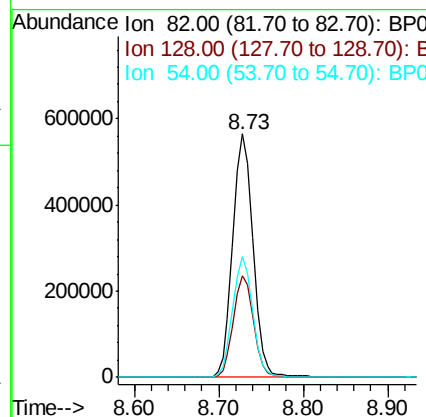
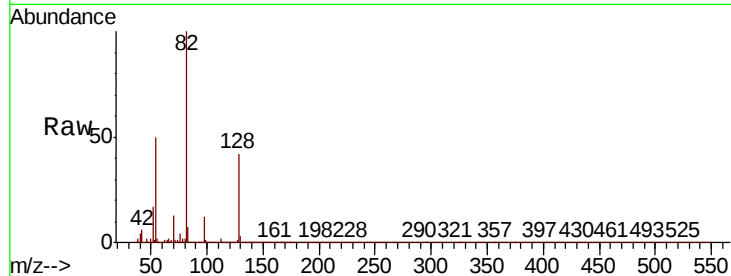
#23
Nitrobenzene-d5
Concen: 83.272 ng
RT: 8.73 min Scan# 993
Delta R.T. -0.01 min
Lab File: BP002504.D
Acq: 23 Jun 2020 15:50

Instrument :
BNA_P
ClientSampleId :
SB-13

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.8	34.5	51.7
54	49.8	39.4	59.2

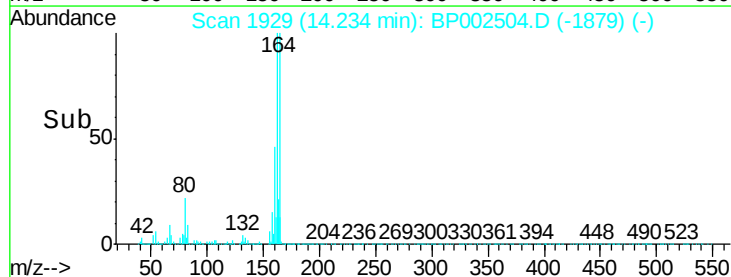
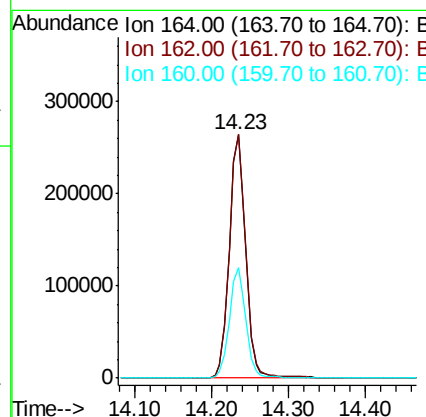
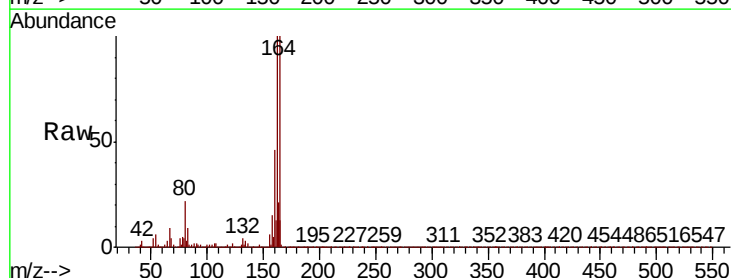
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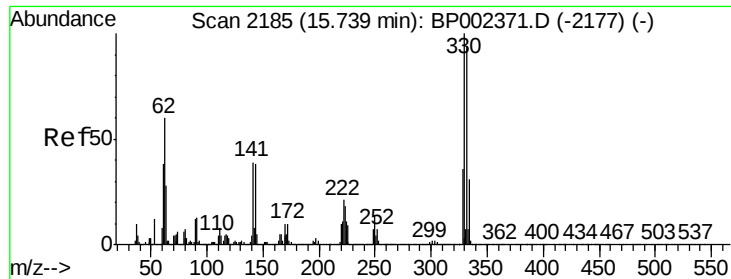
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BP002504.D
Acq: 23 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	79.8	119.8
160	45.6	36.2	54.2





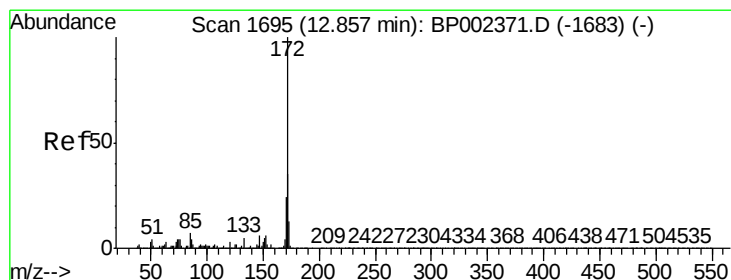
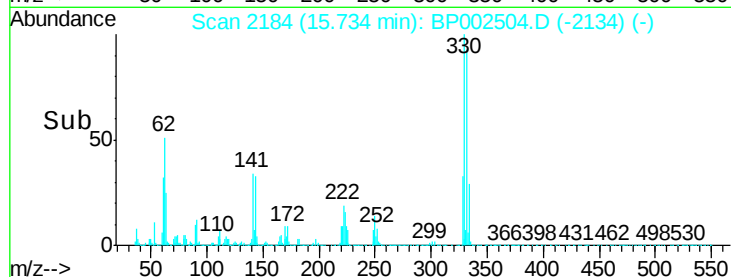
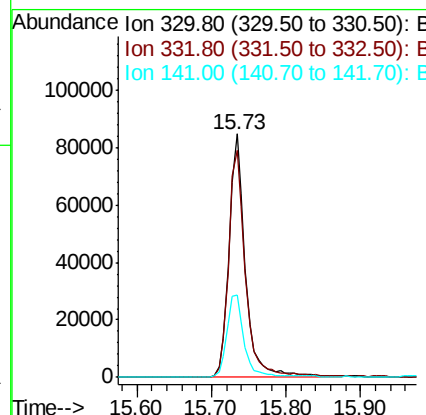
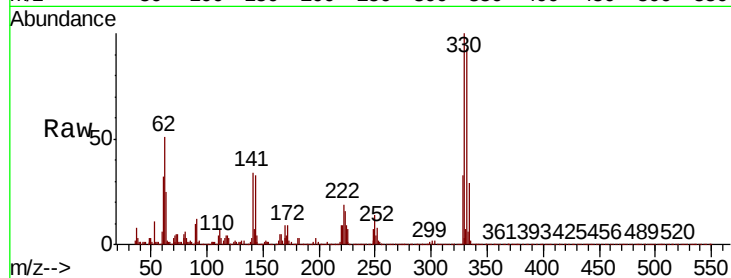
#42
 2,4,6-Tribromophenol
 Concen: 34.698 ng
 RT: 15.73 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BP002504.D
 Acq: 23 Jun 2020 15:50

Instrument :
 BNA_P
 ClientSampleId :
 SB-13

Tot Ion	Ratio	Resp	Lower	Upper
330	100	130917		
332	95.3	76.6	115.0	
141	35.3	30.3	45.5	

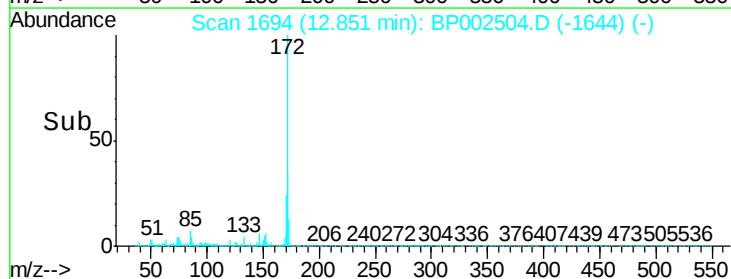
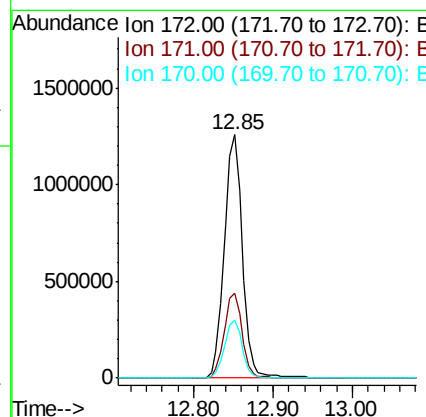
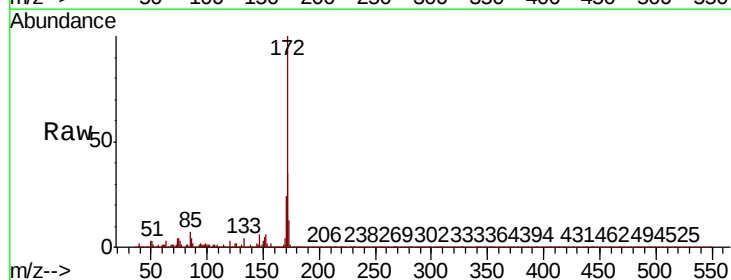
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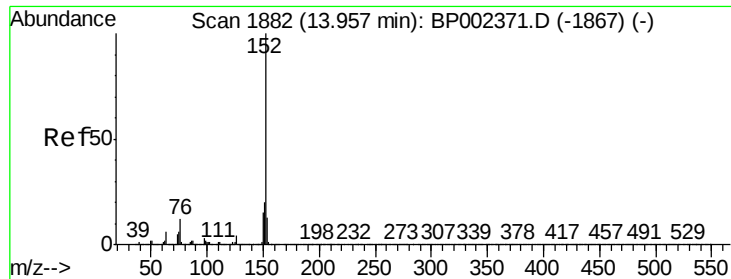
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#45
 2-Fluorobiphenyl
 Concen: 85.527 ng
 RT: 12.85 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BP002504.D
 Acq: 23 Jun 2020 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2004526		
171	34.8	27.8	41.8	
170	23.8	19.0	28.6	





#49

Acenaphthylene

Concen: 2.088 ng

RT: 13.95 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BP002504.D

Acq: 23 Jun 2020 15:50

Instrument :

BNA_P

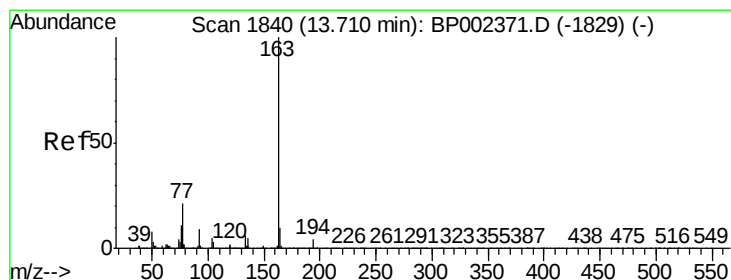
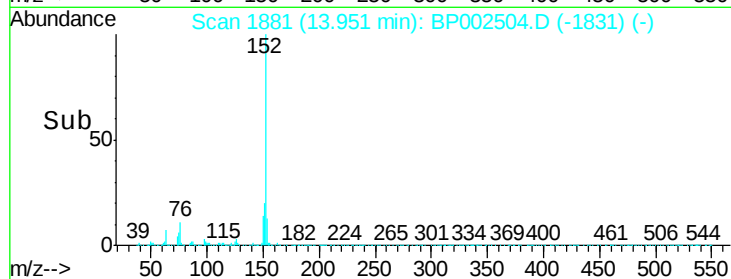
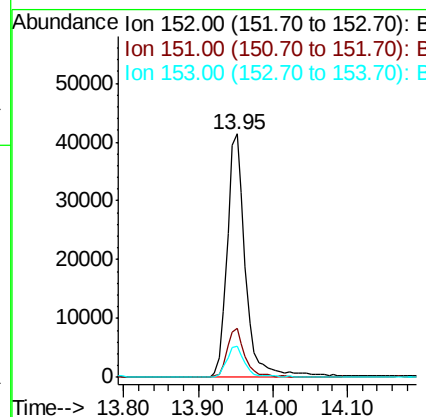
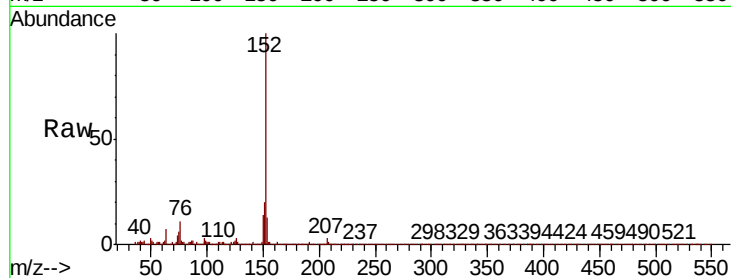
ClientSampled :

SB-13

Tot Ion:	152	Resp:	70421
Ion Ratio	Lower	Upper	
152	100		
151	20.1	15.7	23.5
153	12.9	10.5	15.7

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#50

Dimethylphthalate

Concen: 6.390 ng

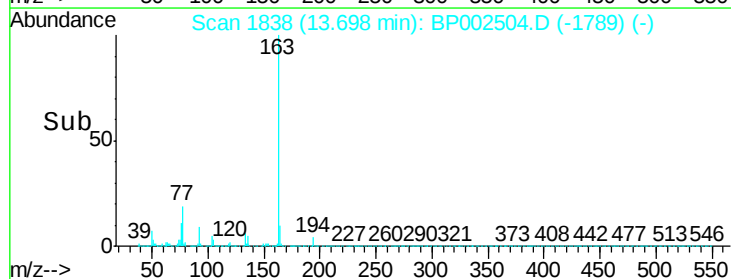
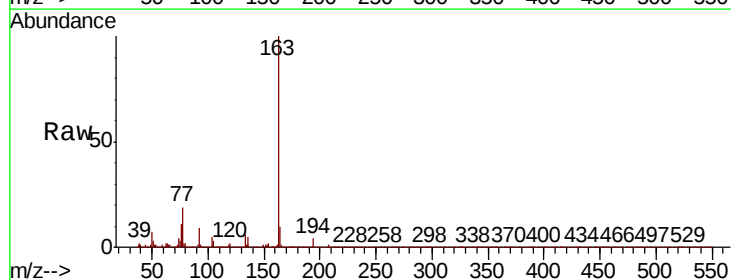
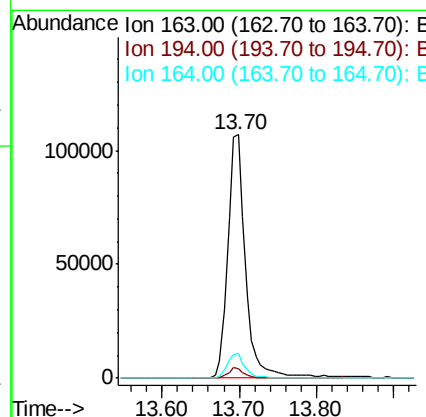
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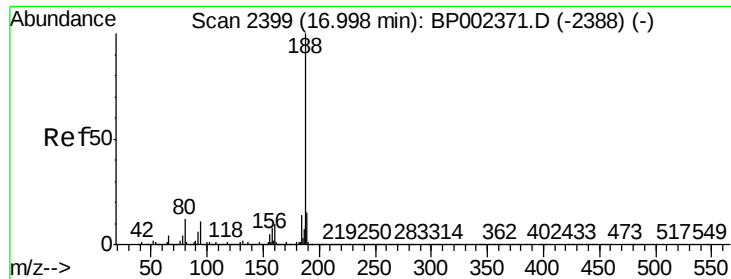
Delta R.T. -0.01 min

Lab File: BP002504.D

Acq: 23 Jun 2020 15:50

Tgt Ion:	163	Resp:	172556
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.4	5.0
164	10.2	8.1	12.1





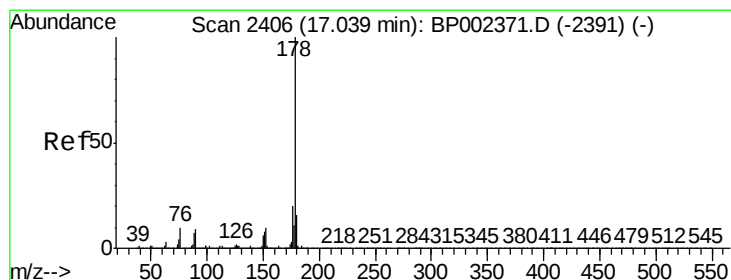
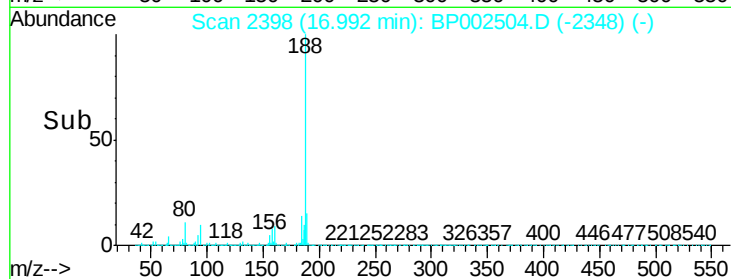
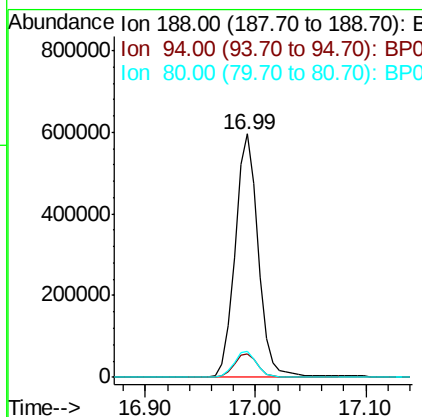
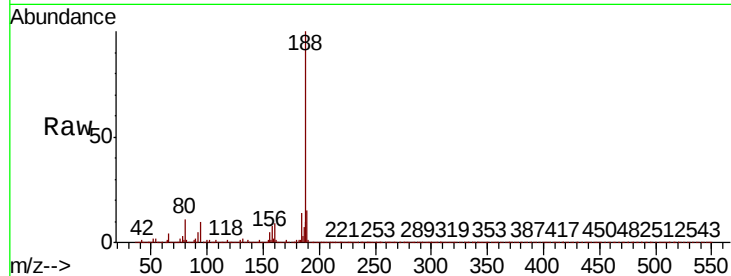
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Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BP002504.D
Acq: 23 Jun 2020 15:50

Instrument :
BNA_P
ClientSampleId :
SB-13

Tot Ion	Ratio	Resp	Lower	Upper
188	100	880701		
94	9.9		8.5	12.7
80	10.6		9.4	14.0

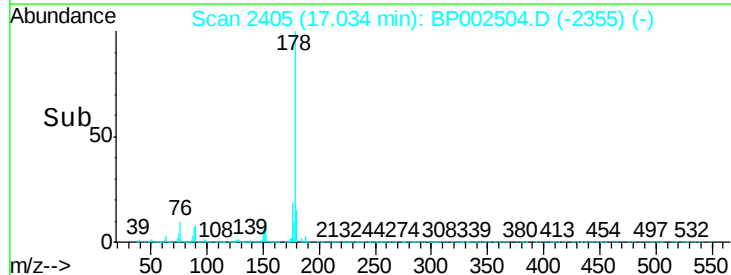
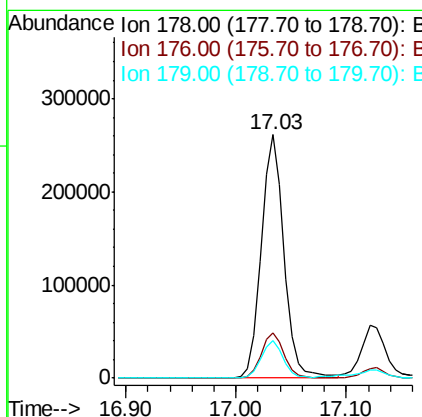
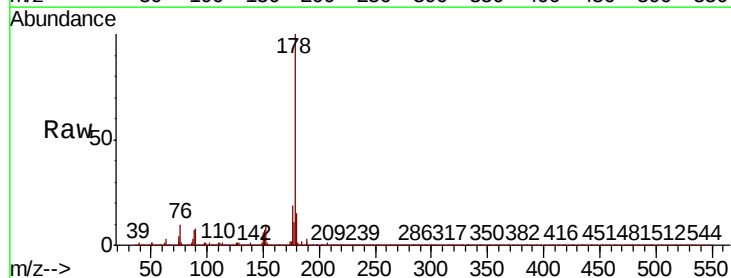
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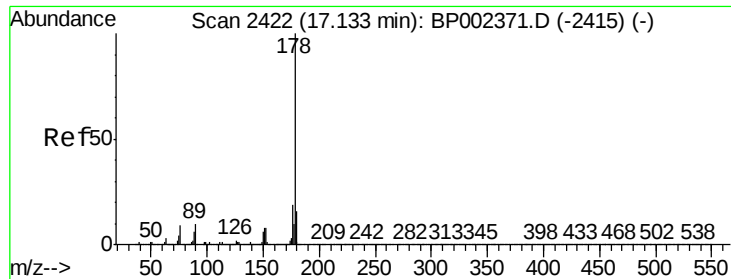
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#71
Phenanthrene
Concen: 9.124 ng
RT: 17.03 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BP002504.D
Acq: 23 Jun 2020 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	375885		
176	18.6		15.8	23.6
179	15.5		12.5	18.7





#72

Anthracene

Concen: 2.018 ng

RT: 17.12 min Scan# 2420

Delta R.T. -0.01 min

Lab File: BP002504.D

Acq: 23 Jun 2020 15:50

Instrument :

BNA_P

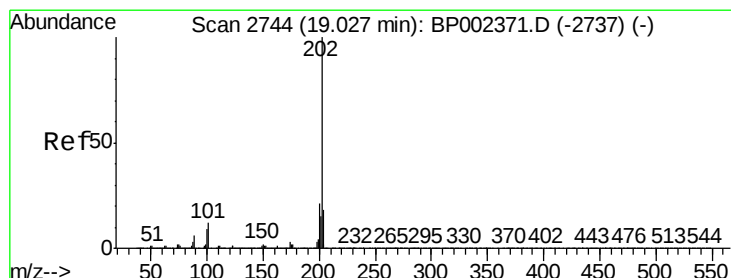
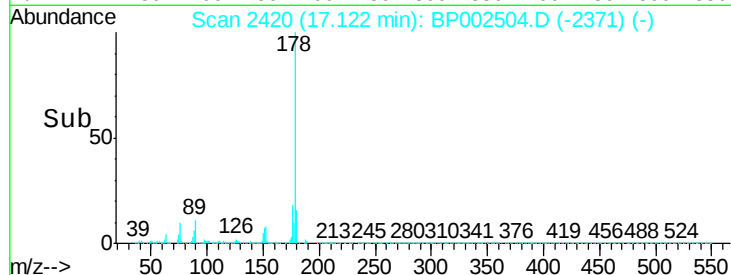
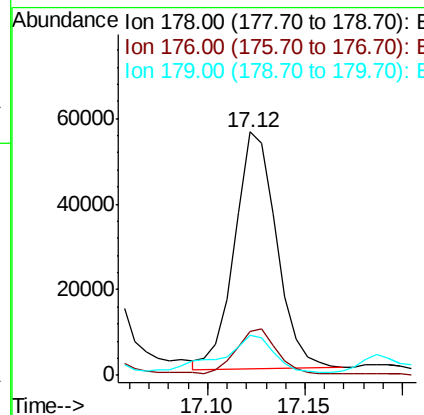
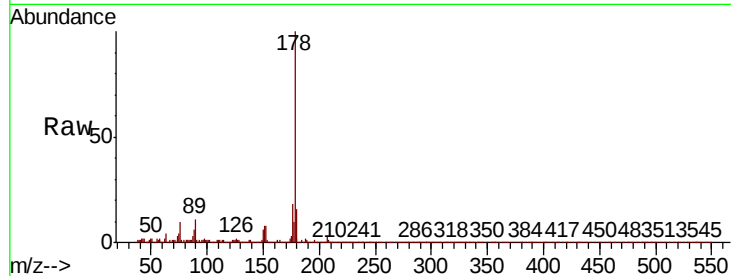
ClientSampleId :

SB-13

Tot Ion:	178	Resp:	82591
Ion Ratio	Lower	Upper	
178	100		
176	18.2	15.5	23.3
179	16.3	13.0	19.4

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#75

Fluoranthene

Concen: 16.341 ng

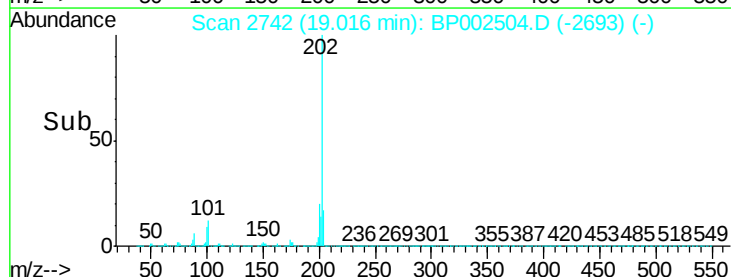
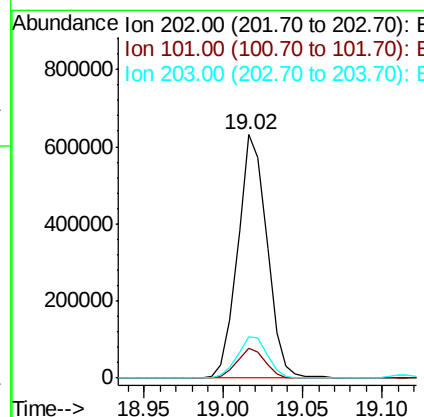
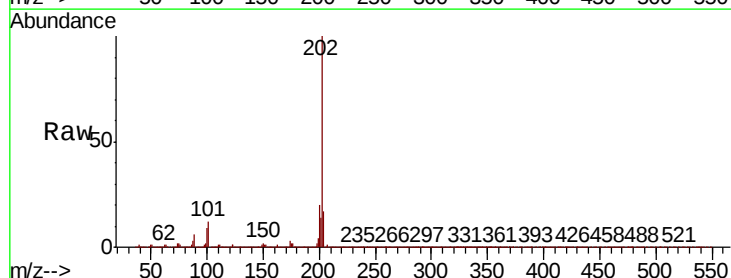
RT: 19.02 min Scan# 2742

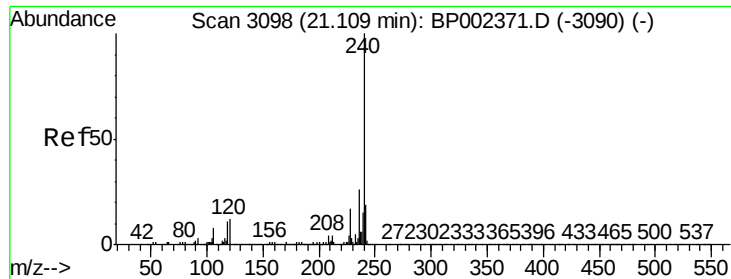
Delta R.T. -0.01 min

Lab File: BP002504.D

Acq: 23 Jun 2020 15:50

Tgt Ion:	202	Resp:	803569
Ion Ratio	Lower	Upper	
202	100		
101	12.1	0.0	31.8
203	17.0	0.0	38.0





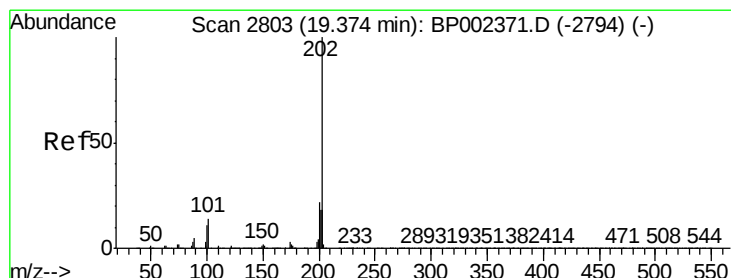
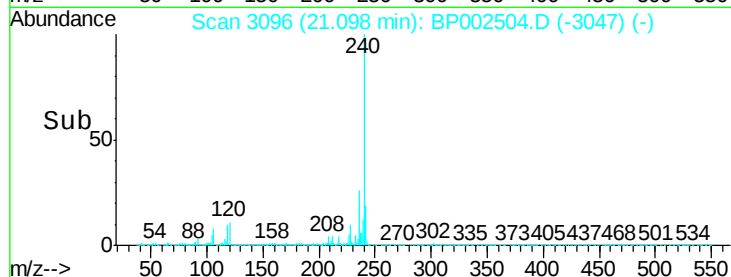
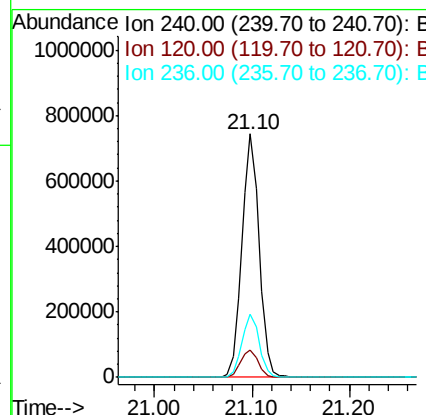
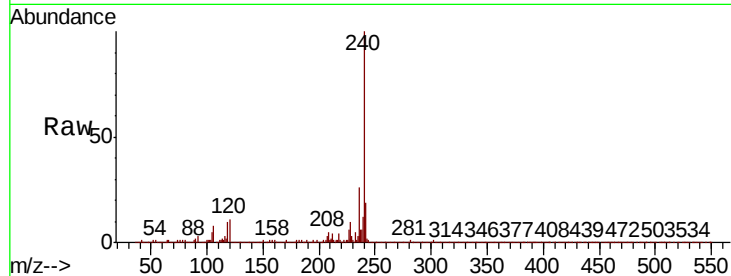
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.10 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BP002504.D
Acq: 23 Jun 2020 15:50

Instrument :
BNA_P
ClientSampled :
SB-13

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.3	13.9
236	26.0	21.0	31.6

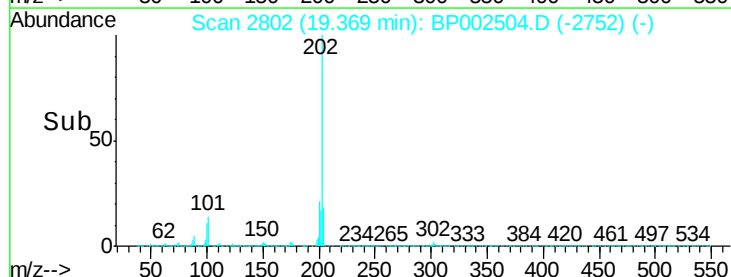
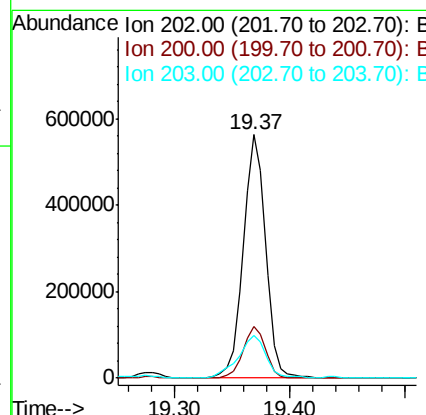
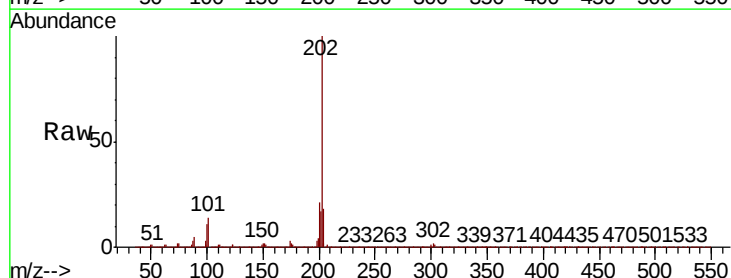
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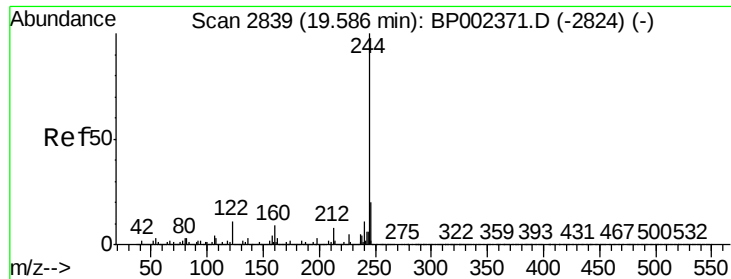
mohammad
6/25/2020 1:06:15 PM



#78
Pyrene
Concen: 13.509 ng
RT: 19.37 min Scan# 2802
Delta R.T. -0.01 min
Lab File: BP002504.D
Acq: 23 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.7	26.5
203	17.6	14.6	22.0





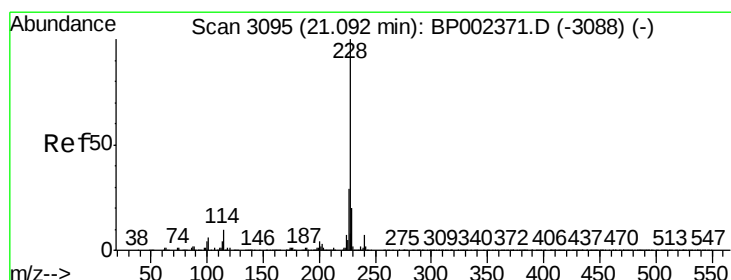
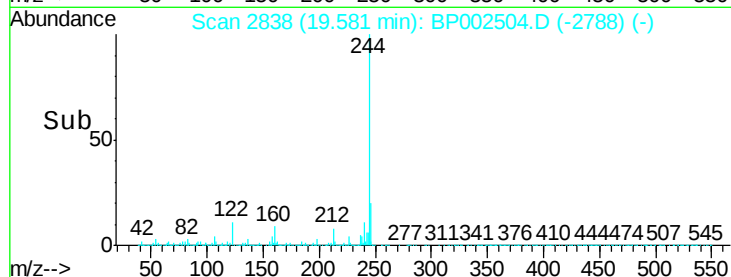
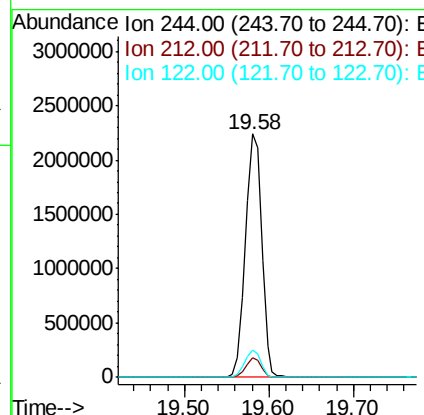
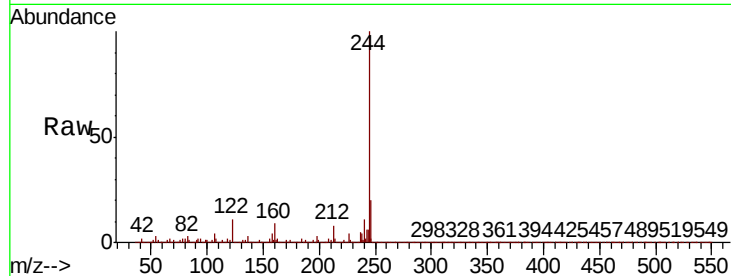
#79
 Terphenyl-d14
 Concen: 83.603 ng
 RT: 19.58 min Scan# 2838
 Delta R.T. -0.00 min
 Lab File: BP002504.D
 Acq: 23 Jun 2020 15:50

Instrument :
 BNA_P
 ClientSampleId :
 SB-13

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.6	10.0
122	11.0	8.8	13.2

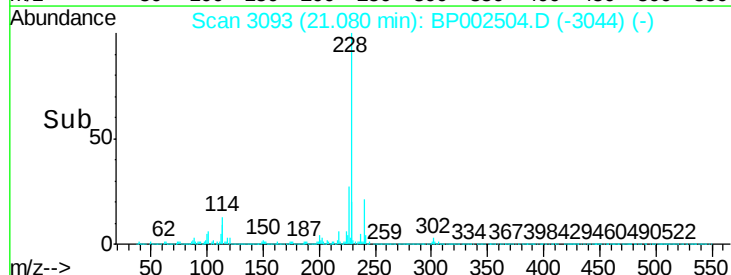
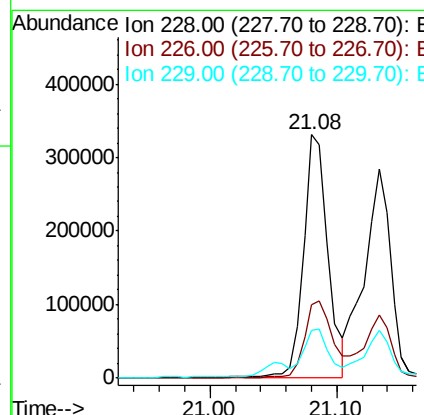
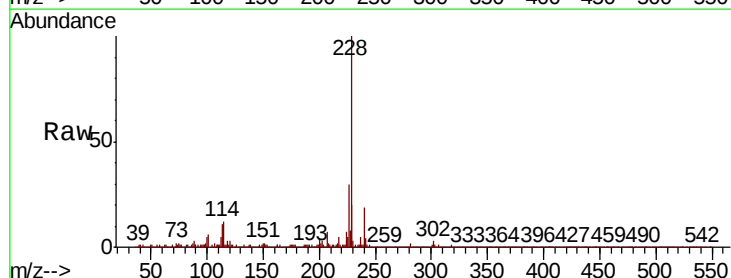
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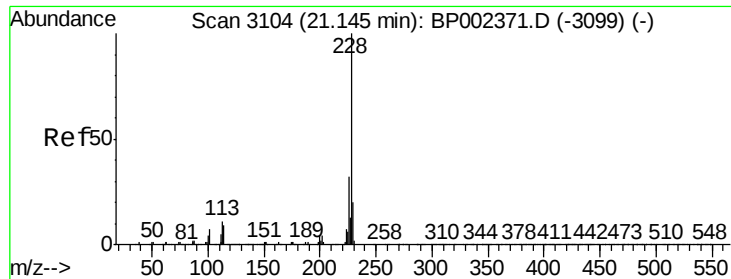
mohammad
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#81
 Benzo(a)anthracene
 Concen: 8.547 ng
 RT: 21.08 min Scan# 3093
 Delta R.T. -0.01 min
 Lab File: BP002504.D
 Acq: 23 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.8	34.2
229	19.8	16.2	24.2





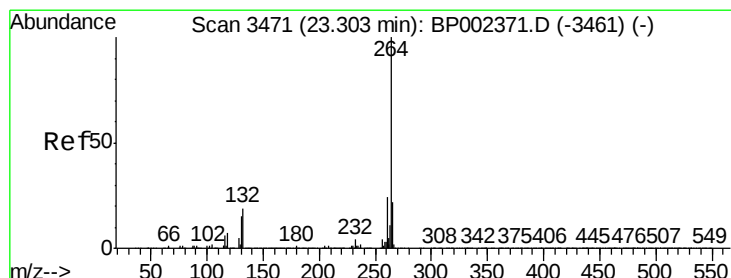
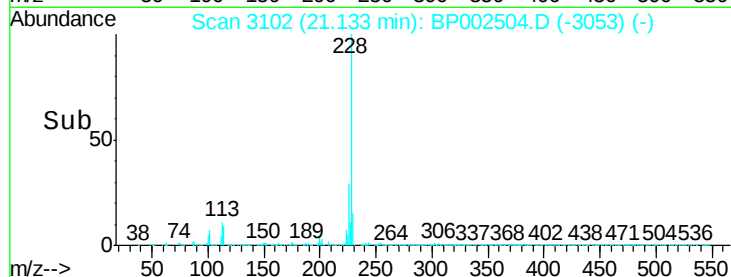
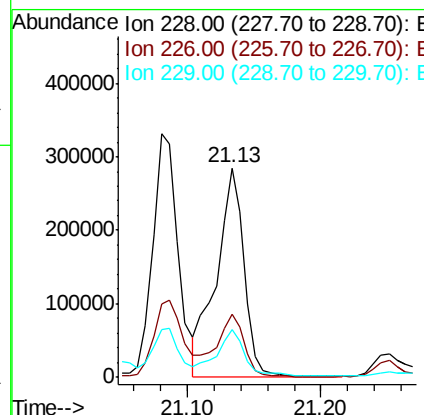
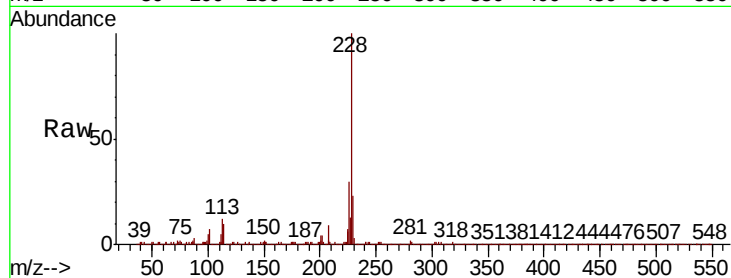
#83
Chrysene
Concen: 8.422 ng
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BP002504.D
Acq: 23 Jun 2020 15:50

Instrument :
BNA_P
ClientSampled :
SB-13

Tot Ion:	228	Resp:	414241
Ion Ratio	Lower	Upper	
228	100		
226	30.4	25.2	37.8
229	22.6	16.1	24.1

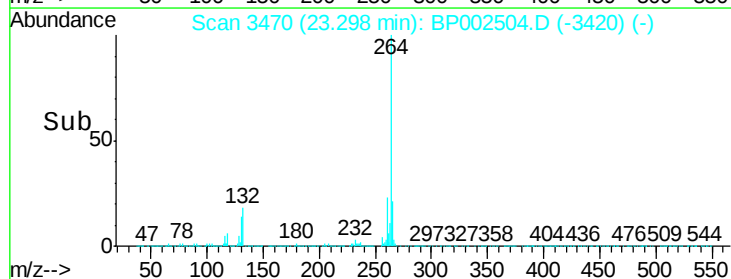
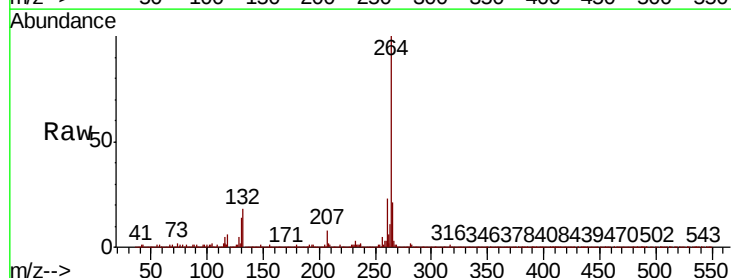
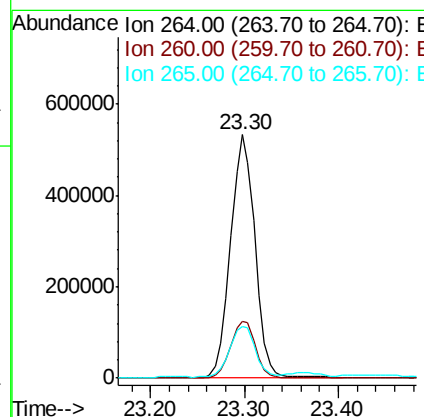
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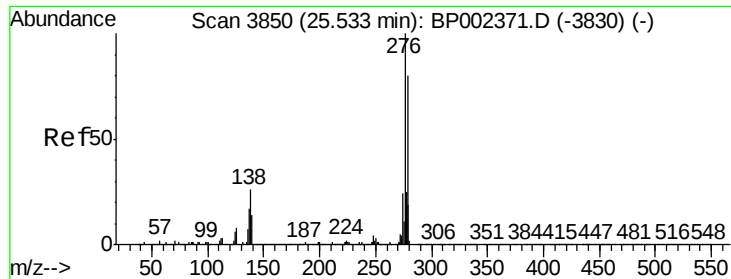
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.30 min Scan# 3470
Delta R.T. -0.01 min
Lab File: BP002504.D
Acq: 23 Jun 2020 15:50

Tgt Ion:	264	Resp:	960894
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.4	29.0
265	21.3	17.4	26.2





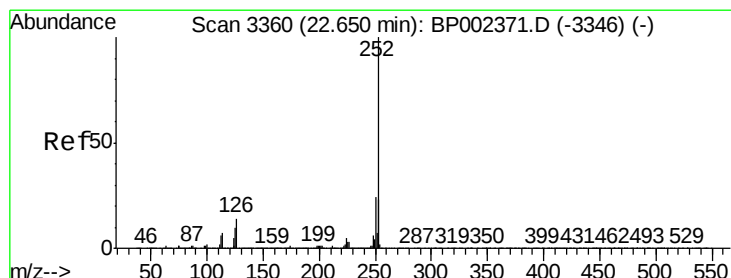
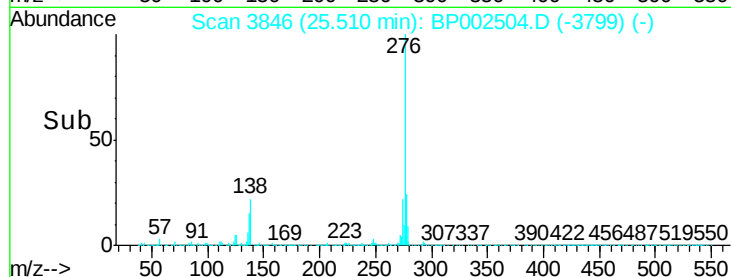
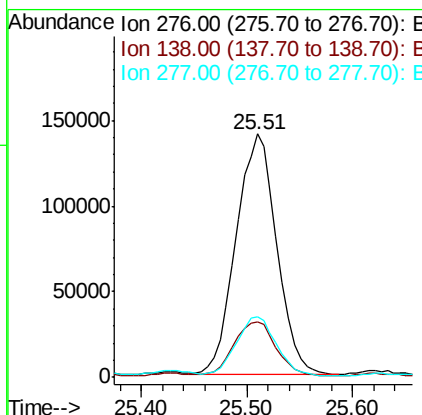
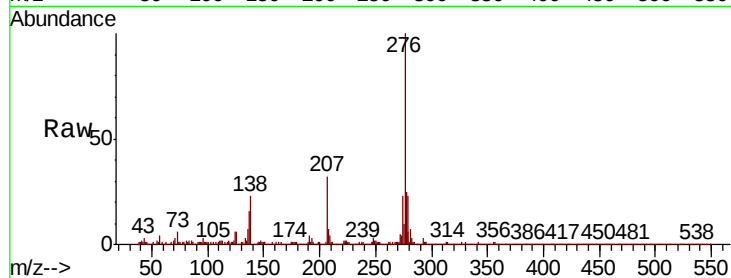
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 6.218 ng
 RT: 25.51 min Scan# 3846
 Delta R.T. -0.02 min
 Lab File: BP002504.D
 Acq: 23 Jun 2020 15:50

Instrument :
 BNA_P
 ClientSampleId :
 SB-13

Tot Ion:	276	Resp:	373687
Ion Ratio	Lower	Upper	
276	100		
138	23.5	21.2	31.8
277	24.5	20.3	30.5

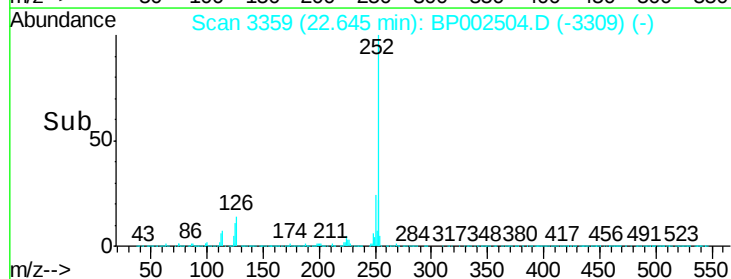
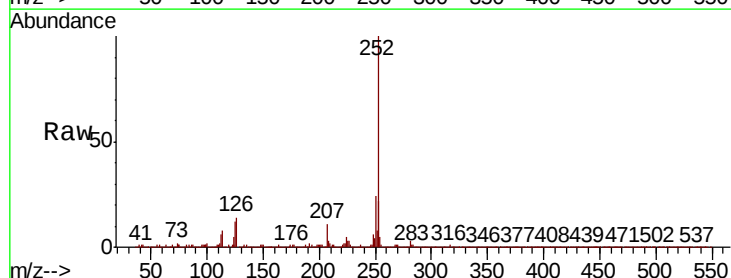
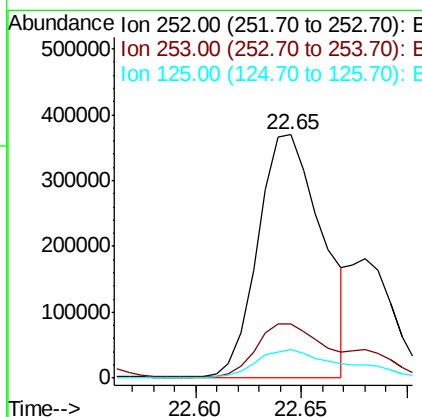
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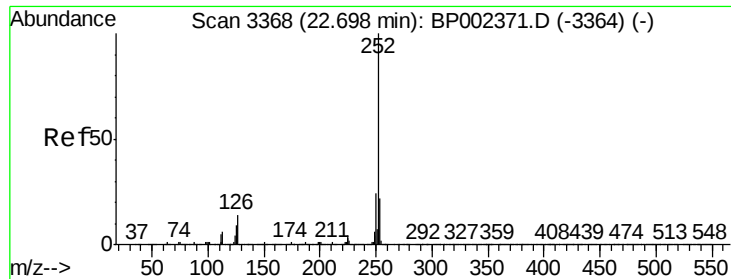
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 15.055 ng m
 RT: 22.65 min Scan# 3359
 Delta R.T. -0.01 min
 Lab File: BP002504.D
 Acq: 23 Jun 2020 15:50

Tgt Ion:	252	Resp:	780148
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.1	27.1
125	11.5	8.2	12.2





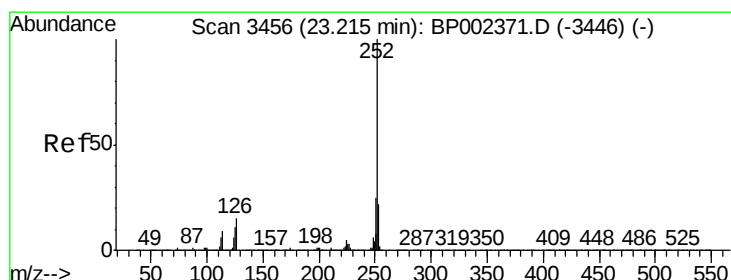
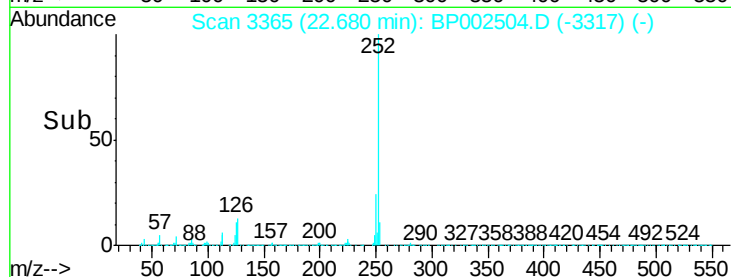
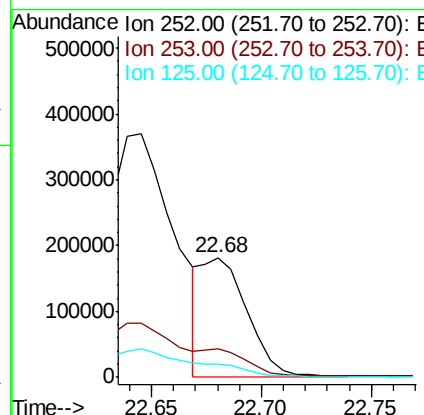
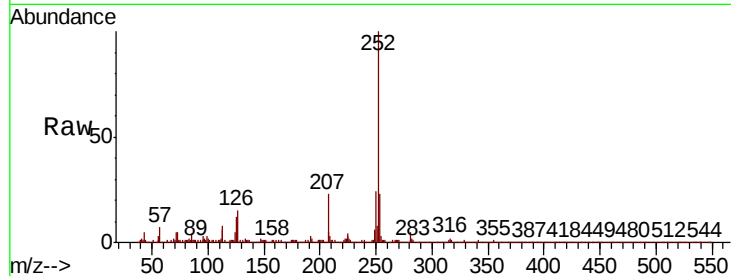
#89
Benzo(k)fluoranthene
Concen: 5.346 ng m
RT: 22.68 min Scan# 3365
Delta R.T. -0.02 min
Lab File: BP002504.D
Acq: 23 Jun 2020 15:50

Instrument :
BNA_P
ClientSampled :
SB-13

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	11.6	7.8	11.8

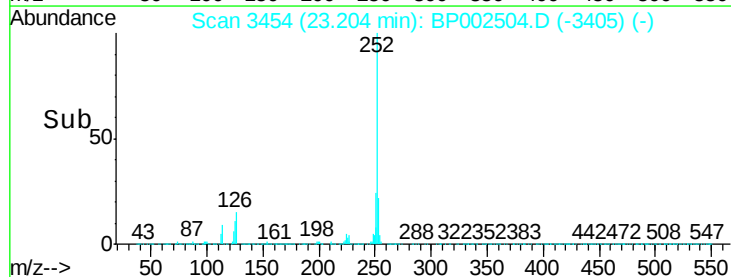
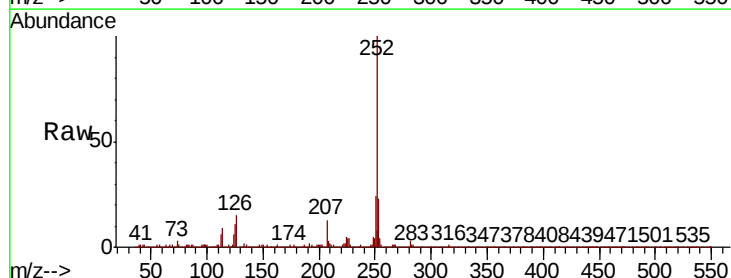
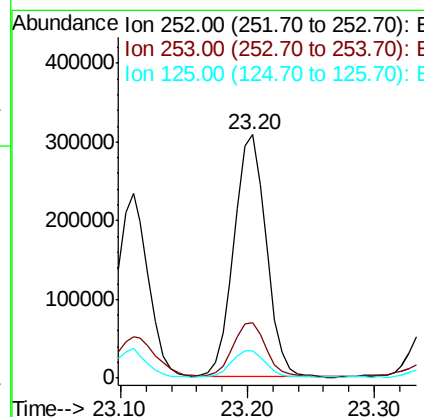
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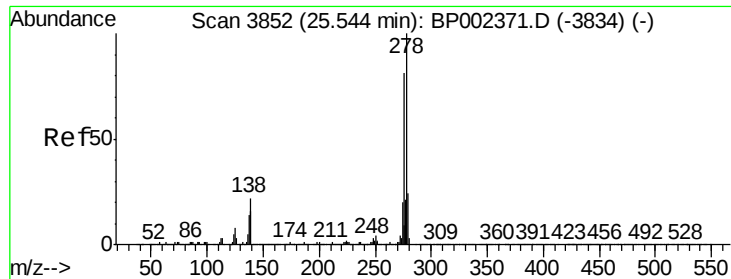
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#90
Benzo(a)pyrene
Concen: 11.224 ng
RT: 23.20 min Scan# 3454
Delta R.T. -0.01 min
Lab File: BP002504.D
Acq: 23 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	11.2	9.2	13.8





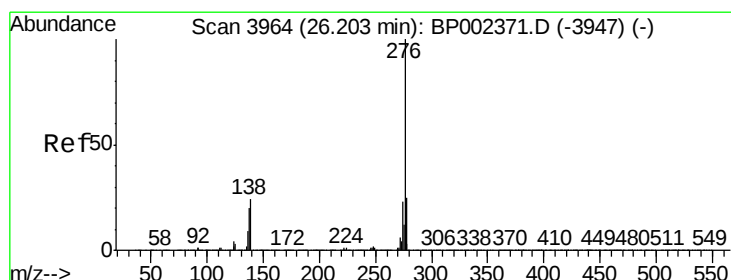
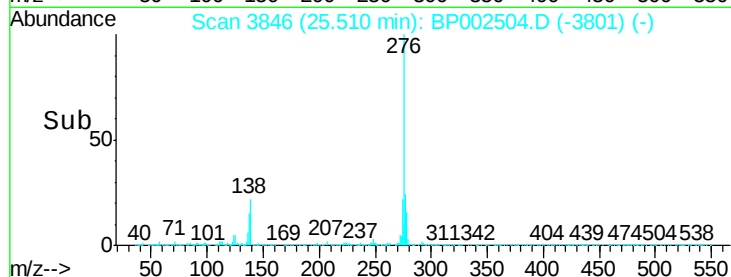
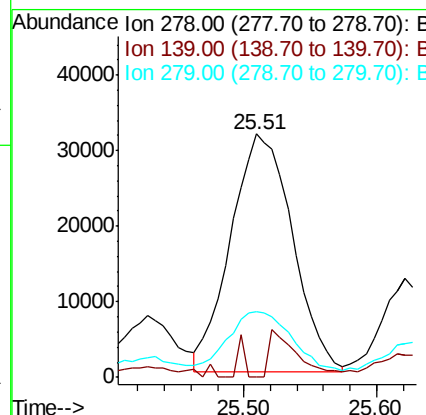
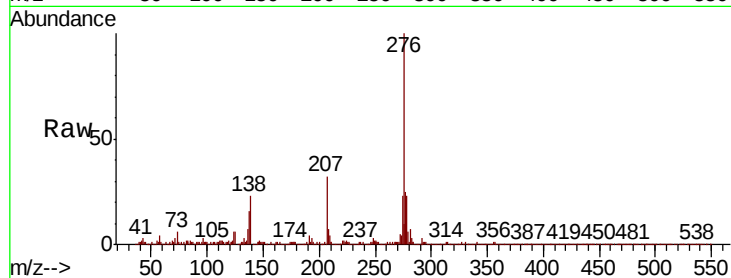
#91
Dibenzo(a,h)anthracene
Concen: 2.103 ng m
RT: 25.51 min Scan# 3846
Delta R.T. -0.03 min
Lab File: BP002504.D
Acq: 23 Jun 2020 15:50

Instrument :
BNA_P
ClientSampleId :
SB-13

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.1	19.7#
279	27.1	18.9	28.3

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#92
Benzo(g,h,i)perylene
Concen: 7.947 ng
RT: 26.18 min Scan# 3960
Delta R.T. -0.02 min
Lab File: BP002504.D
Acq: 23 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.8	29.6
138	23.1	19.2	28.8

