

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093020\
 Data File : BP003431.D
 Acq On : 01 Oct 2020 01:09
 Operator : CG/JU
 Sample : L4193-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-12(9-11)

Manual Integrations
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Quant Time: Oct 01 02:20:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 30 17:14:02 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	98368	20.00	ng	0.00
21) Naphthalene-d8	10.316	136	410295	20.00	ng	# 0.00
39) Acenaphthene-d10	14.198	164	239932	20.00	ng	0.00
64) Phenanthrene-d10	16.963	188	526257	20.00	ng	# 0.02
76) Chrysene-d12	21.163	240	523331	20.00	ng	0.10
86) Perylene-d12	23.680	264	550601m	20.00	ng	0.42
System Monitoring Compounds						
5) 2-Fluorophenol	5.158	112	521530	92.58	ng	0.00
7) Phenol-d6	6.746	99	696031	92.69	ng	0.00
23) Nitrobenzene-d5	8.693	82	460512	65.94	ng	0.00
42) 2,4,6-Tribromophenol	15.710	330	262599	71.76	ng	0.02
45) 2-Fluorobiphenyl	12.810	172	975357	59.45	ng	0.00
79) Terphenyl-d14	19.569	244	1386080	55.18	ng	0.04
Target Compounds						Qvalue
31) Naphthalene	10.369	128	94170	4.34	ng	98
49) Acenaphthylene	13.916	152	149309	6.59	ng	94
50) Dimethylphthalate	13.657	163	79493	4.15	ng	# 96
52) Acenaphthene	14.263	154	68795	4.99	ng	98
55) Dibenzofuran	14.604	168	75949	3.45	ng	# 88
58) Fluorene	15.257	166	98023	5.64	ng	# 92
71) Phenanthrene	17.010	178	1142111	39.89	ng	99
72) Anthracene	17.098	178	402015	14.25	ng	98
73) Carbazole	17.381	167	147663	5.51	ng	# 91
75) Fluoranthene	19.022	202	2247203	62.42	ng	99
78) Pyrene	19.381	202	2016497	61.78	ng	100
81) Benzo(a)anthracene	21.163	228	1251494	36.99	ng	# 92
83) Chrysene	21.192	228	980274m	30.16	ng	
88) Benzo(b)fluoranthene	22.880	252	2181745m	62.75	ng	
89) Benzo(k)fluoranthene	23.521	252	2083648m	62.53	ng	
90) Benzo(a)pyrene	23.521	252	2106470m	64.25	ng	
92) Benzo(g,h,i)perylene	26.463	276	941764m	27.39	ng	

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

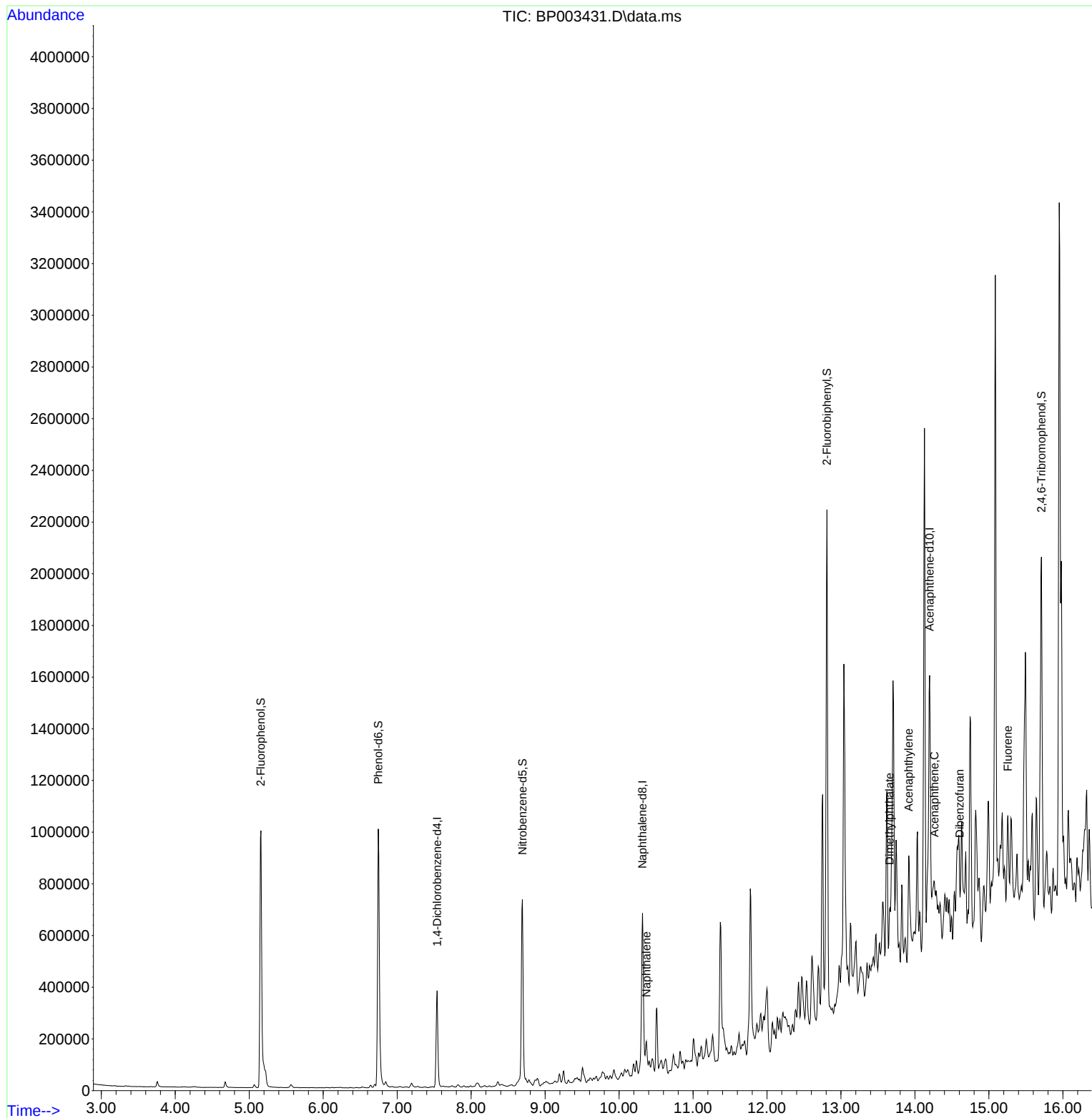
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Data File : BP003431.D
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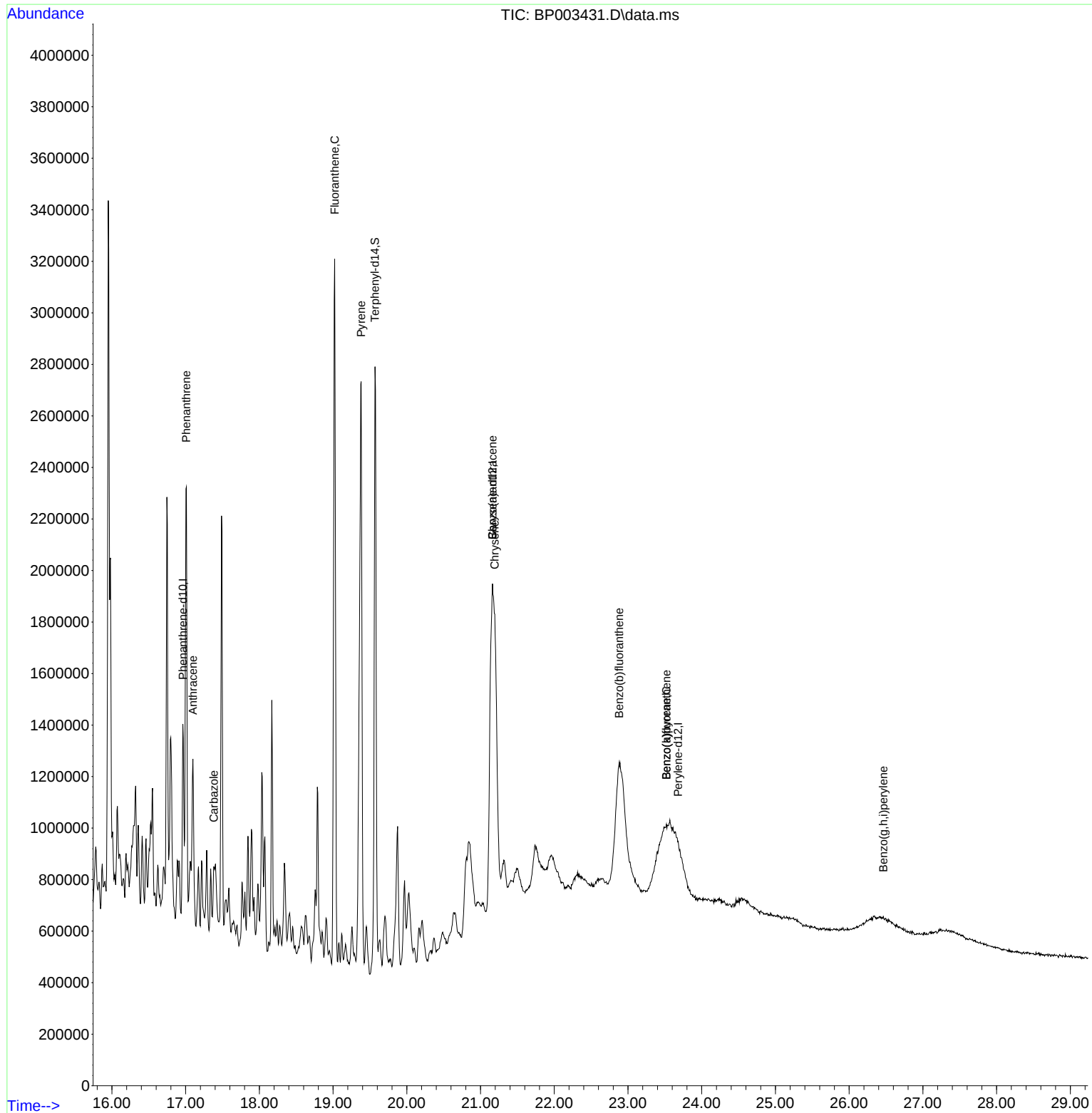
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Acq On : 01 Oct 2020 01:09
Operator : CG/JU
Sample : L4193-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

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Quant Time: Oct 01 02:20:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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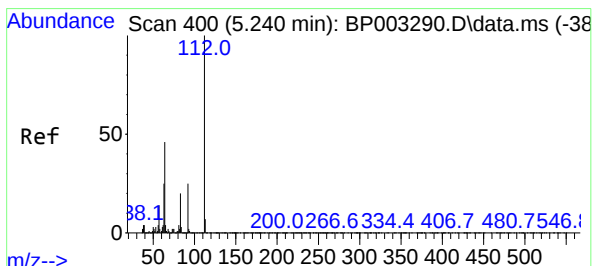
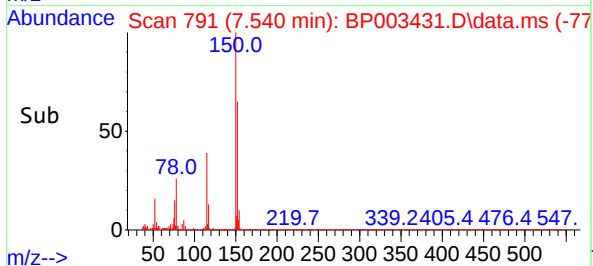
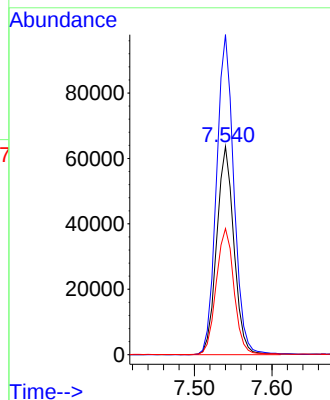
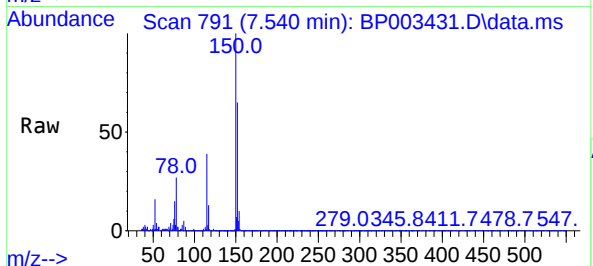
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.540 min Scan# 791
Delta R.T. 0.006 min
Lab File: BP003431.D
Acq: 01 Oct 2020 01:09

Tgt Ion:152 Resp: 98368
Ion Ratio Lower Upper
152 100
150 153.8 123.8 185.6
115 60.6 43.8 65.6

Instrument :
BNA_P
ClientSampleId :
B-12(9-11)

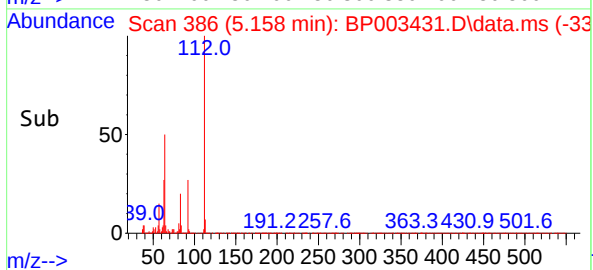
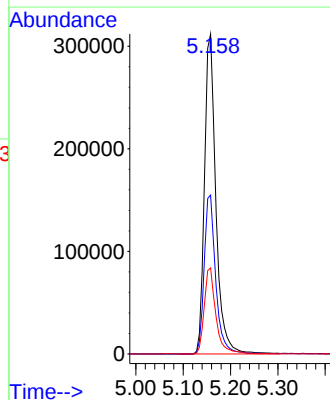
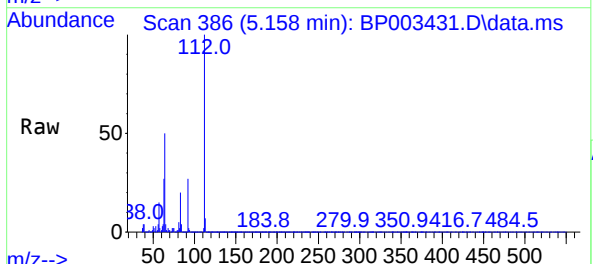
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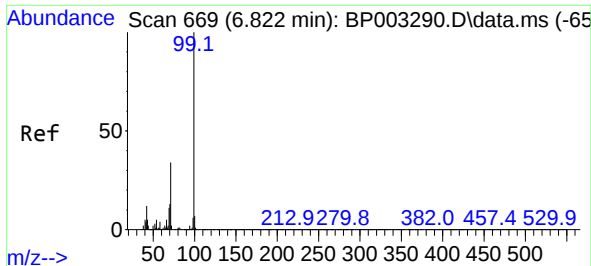
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#5
2-Fluorophenol
Concen: 92.58 ng
RT: 5.158 min Scan# 386
Delta R.T. 0.006 min
Lab File: BP003431.D
Acq: 01 Oct 2020 01:09

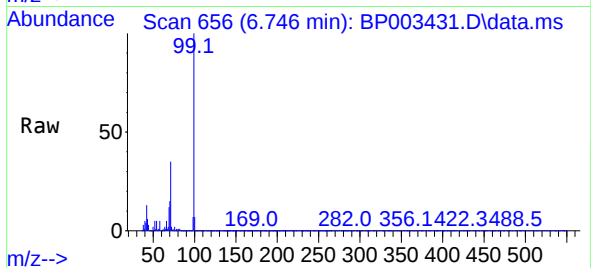
Tgt Ion:112 Resp: 521530
Ion Ratio Lower Upper
112 100
64 49.6 32.8 49.2#
63 26.9 17.0 25.4#





#7
Phenol-d6
Concen: 92.69 ng
RT: 6.746 min Scan# 656
Delta R.T. 0.006 min
Lab File: BP003431.D
Acq: 01 Oct 2020 01:09

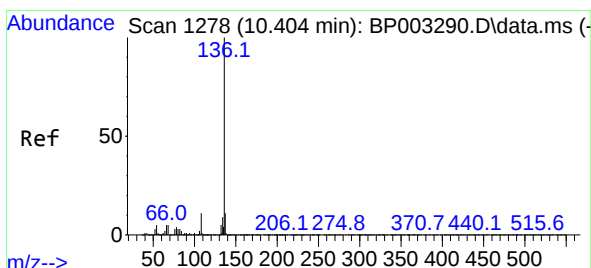
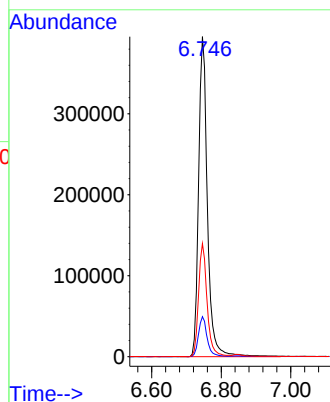
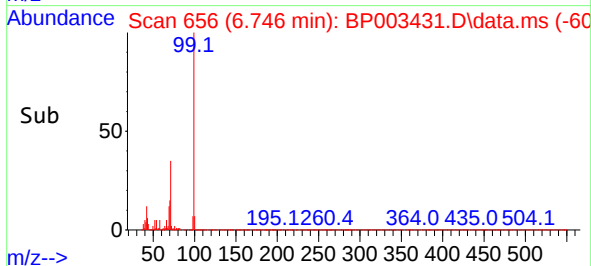
Instrument :
BNA_P
ClientSampleId :
B-12(9-11)



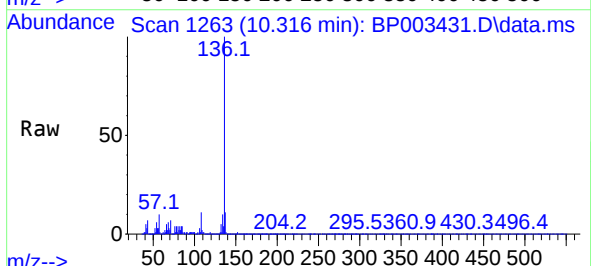
Tgt Ion: 99 Resp: 696031
Ion Ratio Lower Upper
99 100
42 12.5 8.6 13.0
71 35.4 23.4 35.2#

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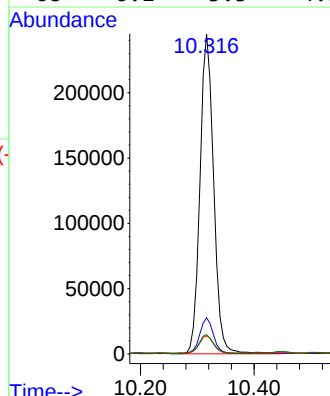
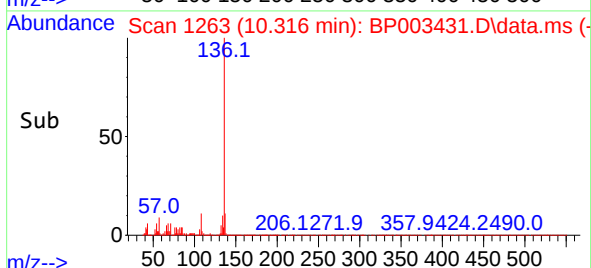
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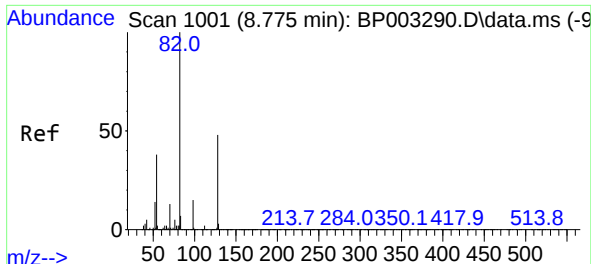


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.316 min Scan# 1263
Delta R.T. 0.006 min
Lab File: BP003431.D
Acq: 01 Oct 2020 01:09



Tgt Ion: 136 Resp: 410295
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 5.7 3.6 5.4#
68 6.1 3.3 4.9#





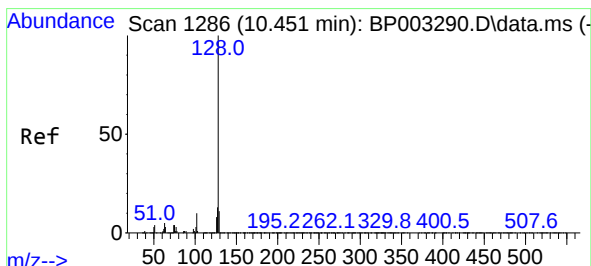
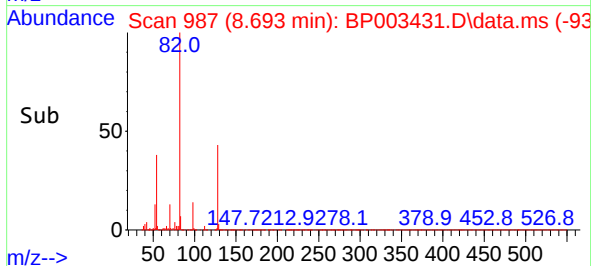
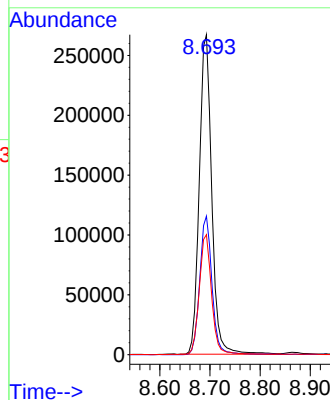
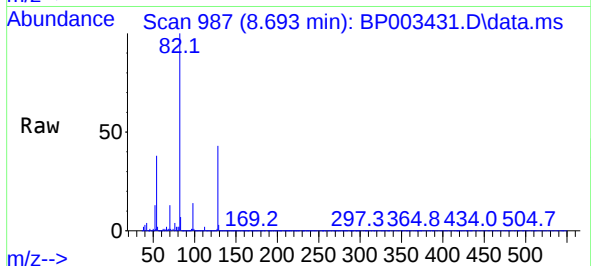
#23
Nitrobenzene-d5
Concen: 65.94 ng
RT: 8.693 min Scan# 987
Delta R.T. 0.006 min
Lab File: BP003431.D
Acq: 01 Oct 2020 01:09

Tgt Ion: 82 Resp: 460512
Ion Ratio Lower Upper
82 100
128 43.3 45.6 68.4#
54 37.5 30.1 45.1

Instrument :
BNA_P
ClientSampleId :
B-12(9-11)

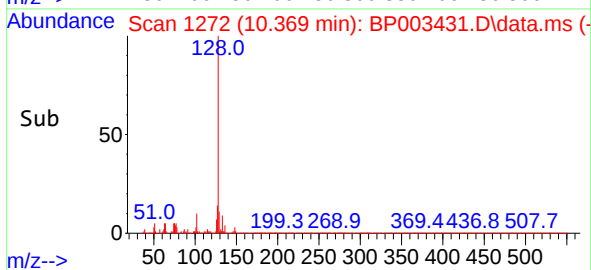
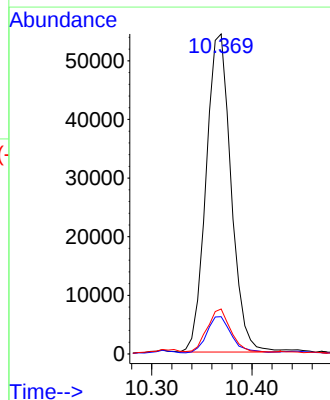
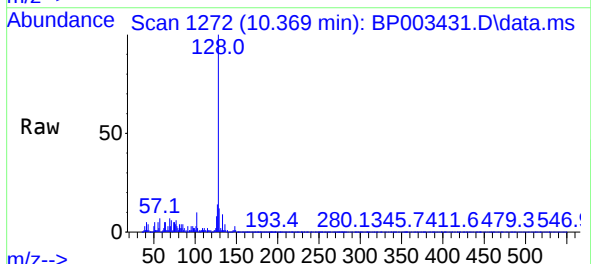
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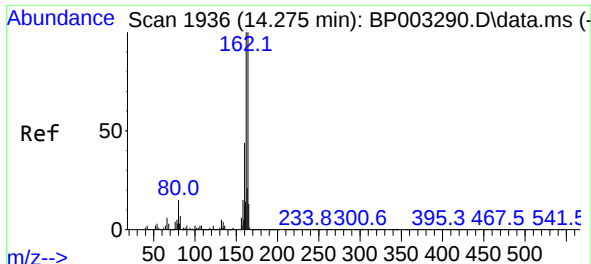
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#31
Naphthalene
Concen: 4.34 ng
RT: 10.369 min Scan# 1272
Delta R.T. 0.006 min
Lab File: BP003431.D
Acq: 01 Oct 2020 01:09

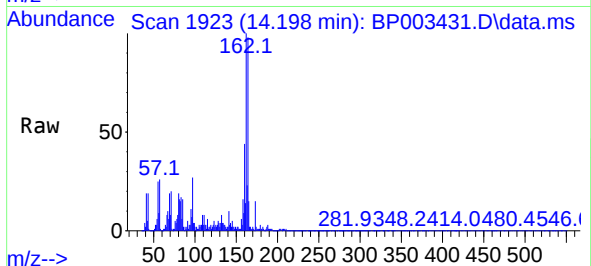
Tgt Ion: 128 Resp: 94170
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 14.0 10.6 15.8





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.198 min Scan# 1923
Delta R.T. 0.006 min
Lab File: BP003431.D
Acq: 01 Oct 2020 01:09

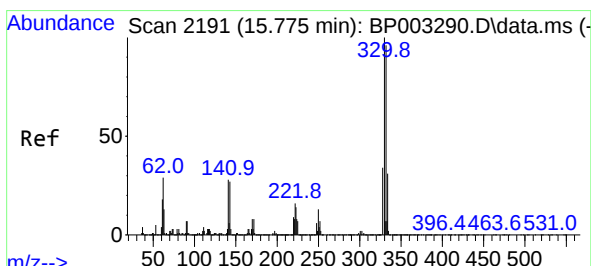
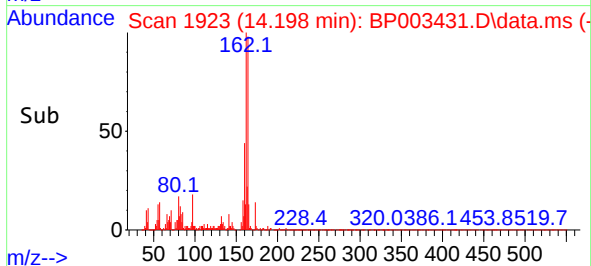
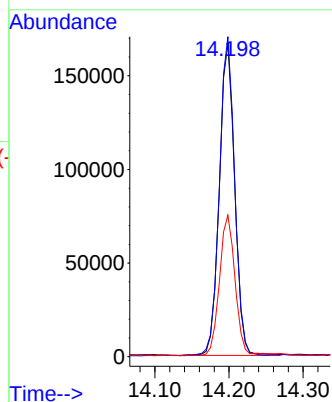
Instrument :
BNA_P
ClientSampleId :
B-12(9-11)



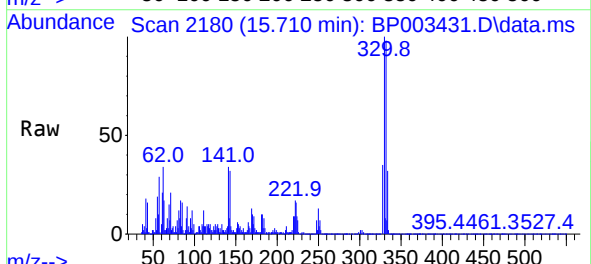
Tgt Ion:164 Resp: 239932
Ion Ratio Lower Upper
164 100
162 102.1 79.4 119.2
160 45.1 36.1 54.1

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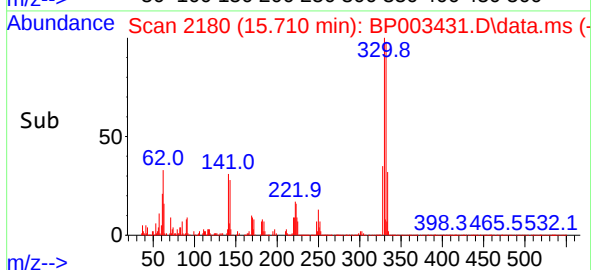
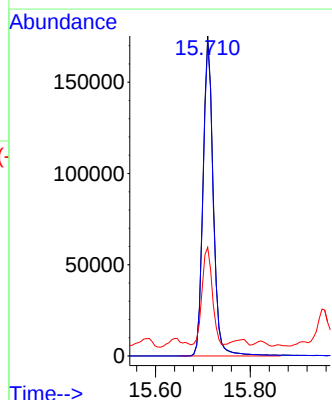
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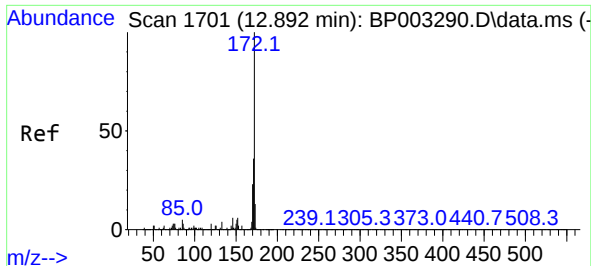


#42
2,4,6-Tribromophenol
Concen: 71.76 ng
RT: 15.710 min Scan# 2180
Delta R.T. 0.018 min
Lab File: BP003431.D
Acq: 01 Oct 2020 01:09



Tgt Ion:330 Resp: 262599
Ion Ratio Lower Upper
330 100
332 97.9 77.1 115.7
141 31.2 23.4 35.2





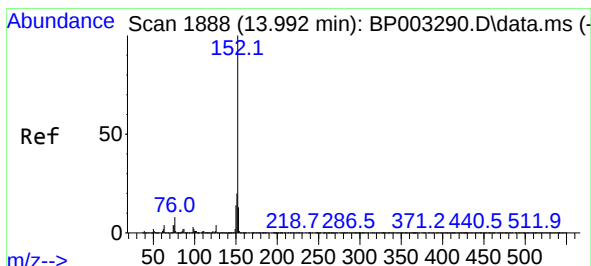
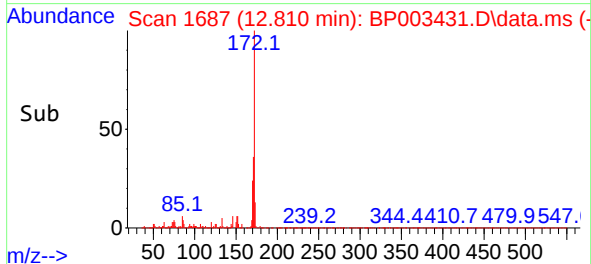
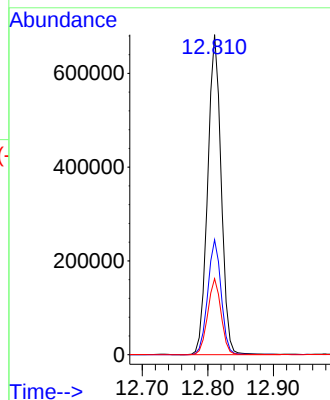
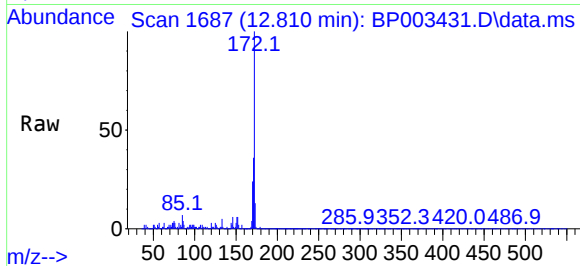
#45
2-Fluorobiphenyl
Concen: 59.45 ng
RT: 12.810 min Scan# 1687
Delta R.T. 0.006 min
Lab File: BP003431.D
Acq: 01 Oct 2020 01:09

Tgt Ion:	172	Resp:	975357
Ion Ratio	Lower	Upper	
172	100		
171	35.9	28.5	42.7
170	23.8	19.2	28.8

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ClientSampleId :
B-12(9-11)

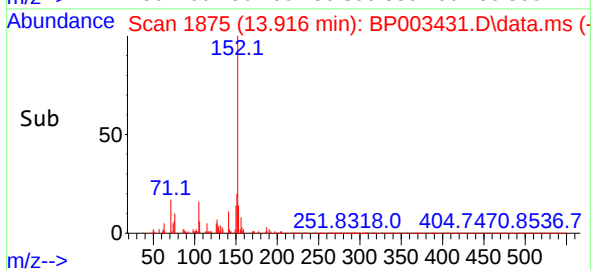
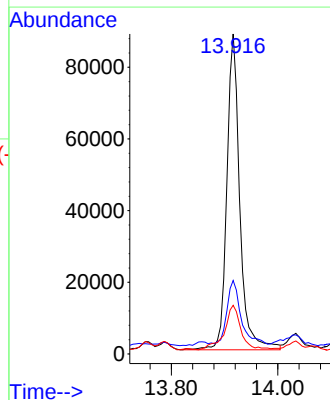
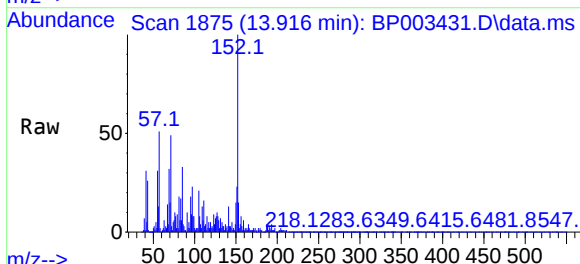
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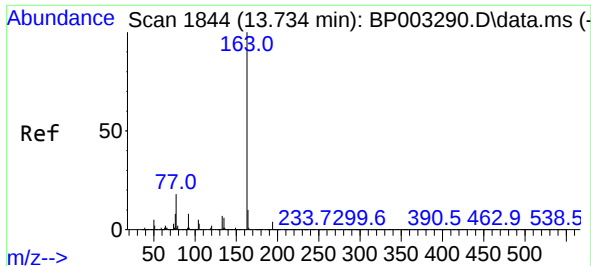
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#49
Acenaphthylene
Concen: 6.59 ng
RT: 13.916 min Scan# 1875
Delta R.T. 0.006 min
Lab File: BP003431.D
Acq: 01 Oct 2020 01:09

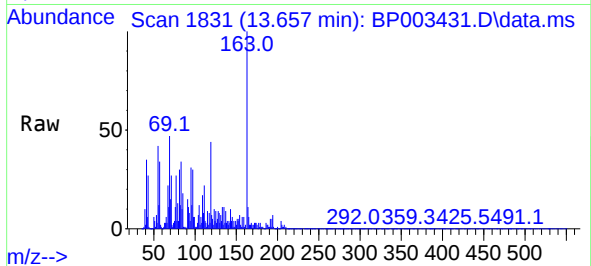
Tgt Ion:	152	Resp:	149309
Ion Ratio	Lower	Upper	
152	100		
151	22.9	15.9	23.9
153	15.2	10.5	15.7





#50
Dimethylphthalate
Concen: 4.15 ng
RT: 13.657 min Scan# 1831
Delta R.T. 0.000 min
Lab File: BP003431.D
Acq: 01 Oct 2020 01:09

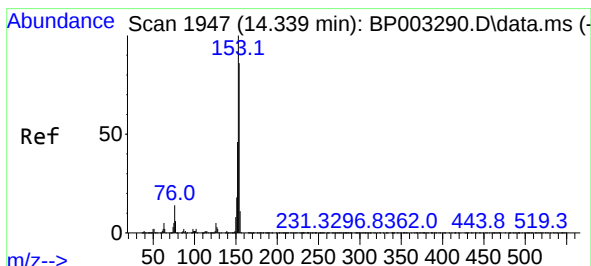
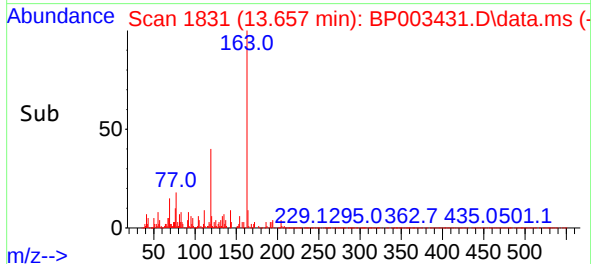
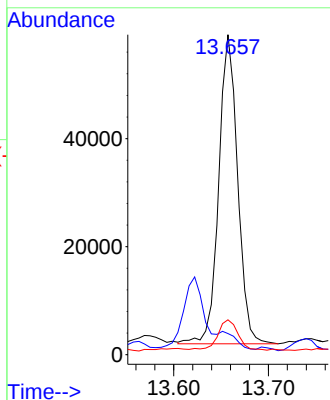
Instrument :
BNA_P
ClientSampleId :
B-12(9-11)



Tgt Ion:163 Resp: 79493
Ion Ratio Lower Upper
163 100
194 6.6 3.3 4.9#
164 10.9 8.2 12.2

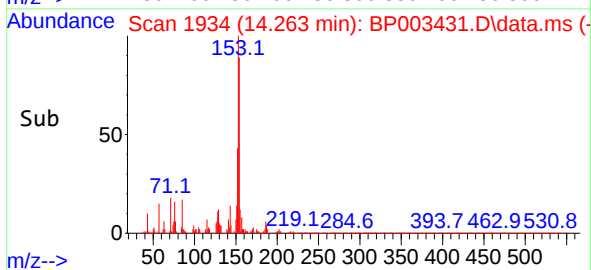
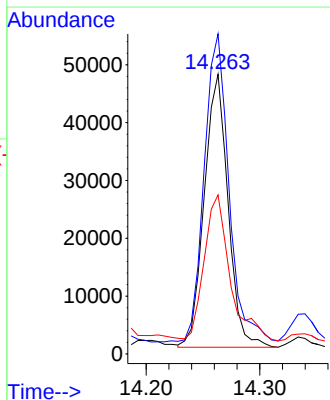
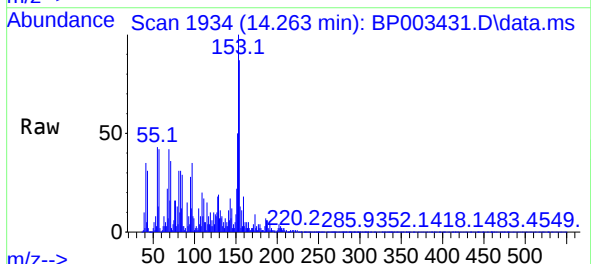
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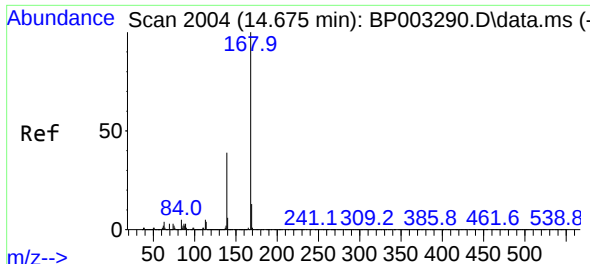
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#52
Acenaphthene
Concen: 4.99 ng
RT: 14.263 min Scan# 1934
Delta R.T. 0.006 min
Lab File: BP003431.D
Acq: 01 Oct 2020 01:09

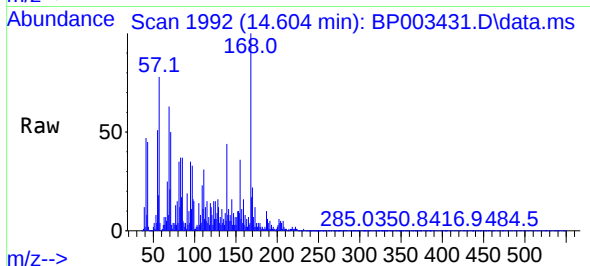
Tgt Ion:154 Resp: 68795
Ion Ratio Lower Upper
154 100
153 114.4 91.0 136.6
152 56.8 43.0 64.6





#55
Dibenzenofuran
Concen: 3.45 ng
RT: 14.604 min Scan# 1992
Delta R.T. 0.006 min
Lab File: BP003431.D
Acq: 01 Oct 2020 01:09

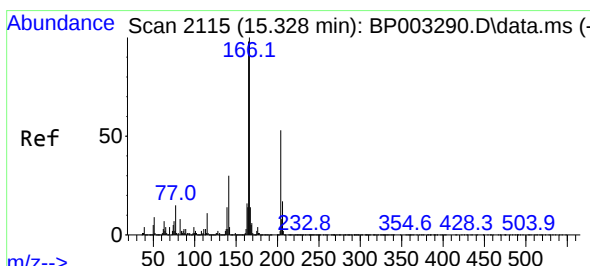
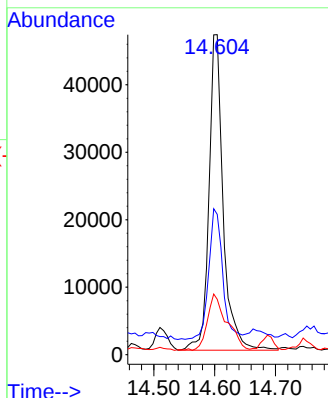
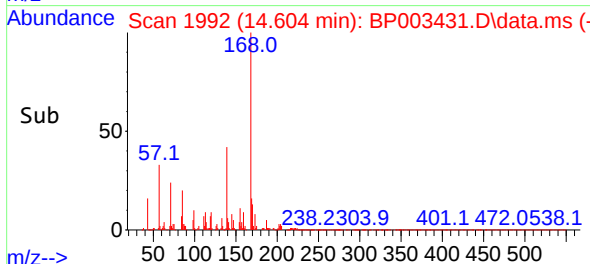
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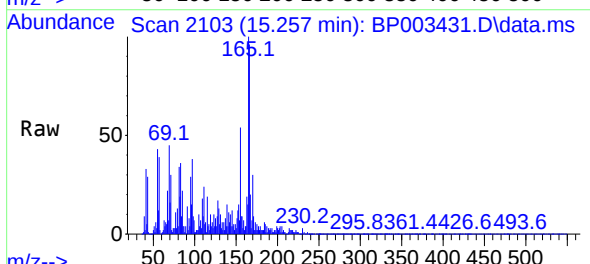
Tgt Ion:168 Resp: 75949
Ion Ratio Lower Upper
168 100
139 43.9 29.1 43.7#
169 17.3 10.4 15.6#

Manual Integrations
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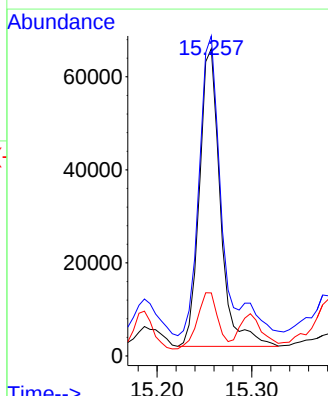
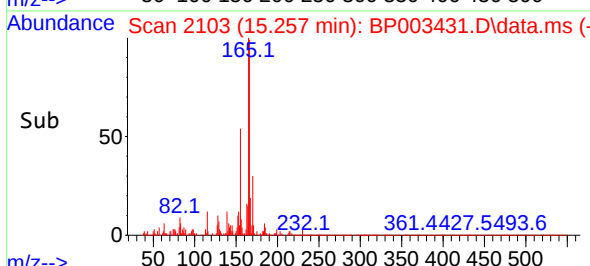
mohammad
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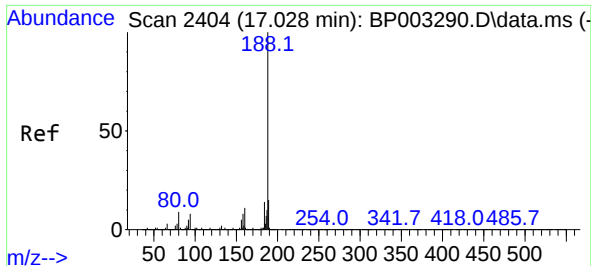


#58
Fluorene
Concen: 5.64 ng
RT: 15.257 min Scan# 2103
Delta R.T. 0.006 min
Lab File: BP003431.D
Acq: 01 Oct 2020 01:09



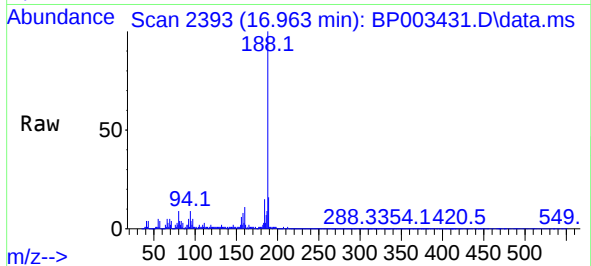
Tgt Ion:166 Resp: 98023
Ion Ratio Lower Upper
166 100
165 104.2 77.8 116.8
167 20.5 11.0 16.4#





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.963 min Scan# 2393
Delta R.T. 0.018 min
Lab File: BP003431.D
Acq: 01 Oct 2020 01:09

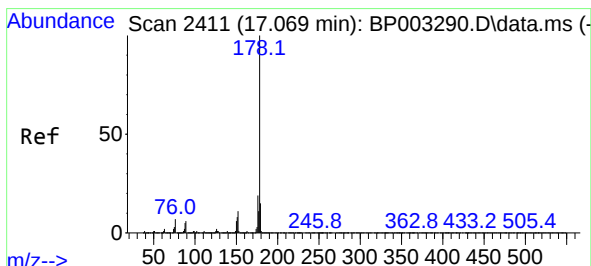
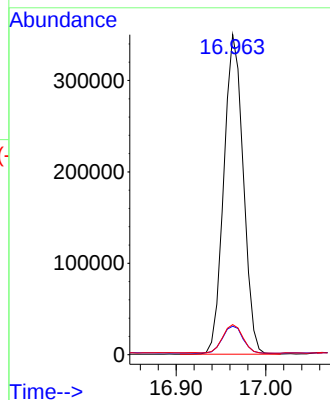
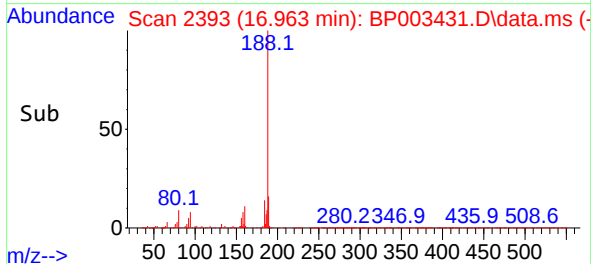
Instrument :
BNA_P
ClientSampleId :
B-12(9-11)



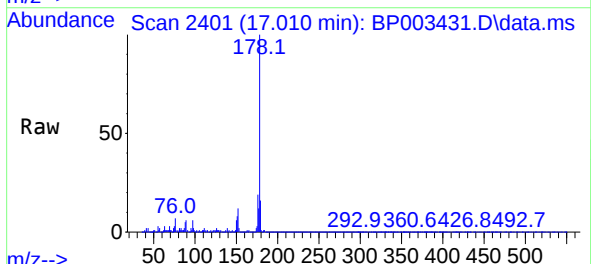
Tgt Ion:188 Resp: 526257
Ion Ratio Lower Upper
188 100
94 8.9 6.2 9.2
80 9.4 6.2 9.2#

Manual Integrations
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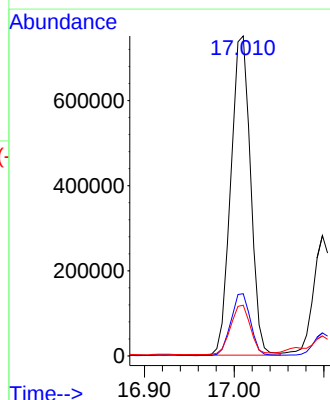
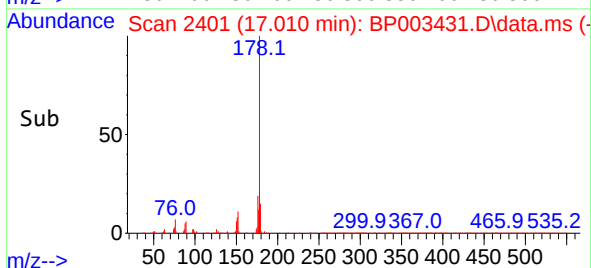
mohammad
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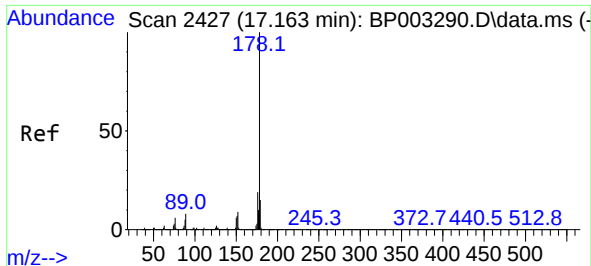


#71
Phenanthrene
Concen: 39.89 ng
RT: 17.010 min Scan# 2401
Delta R.T. 0.018 min
Lab File: BP003431.D
Acq: 01 Oct 2020 01:09



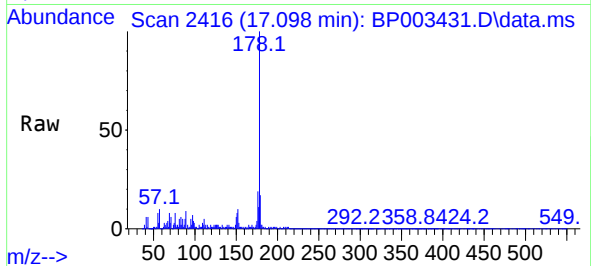
Tgt Ion:178 Resp: 1142111
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.9 12.5 18.7





#72
 Anthracene
 Concen: 14.25 ng
 RT: 17.098 min Scan# 2416
 Delta R.T. 0.018 min
 Lab File: BP003431.D
 Acq: 01 Oct 2020 01:09

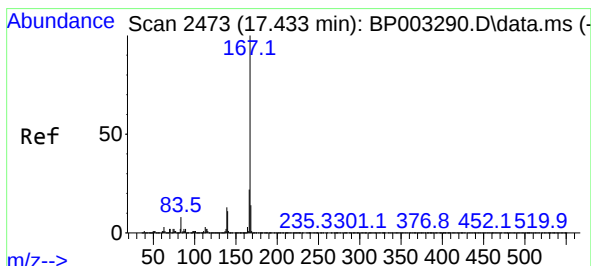
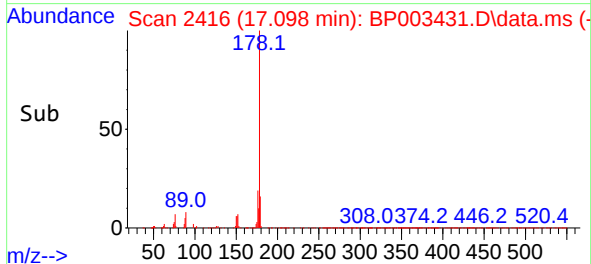
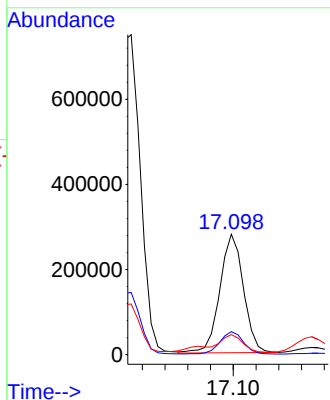
Instrument :
 BNA_P
 ClientSampleId :
 B-12(9-11)



Tgt Ion:178 Resp: 402015
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.0 22.4
 179 16.6 12.5 18.7

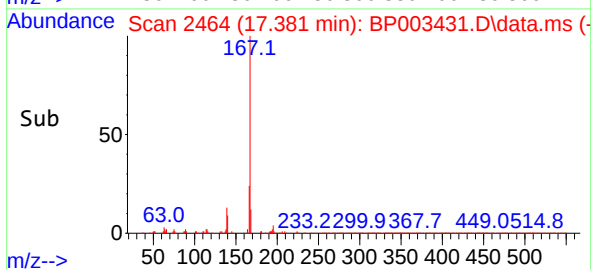
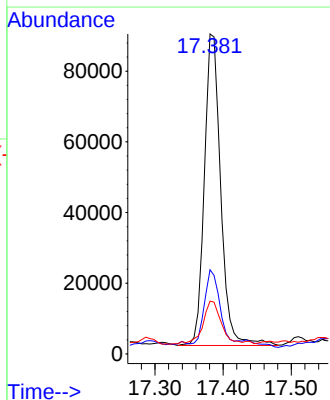
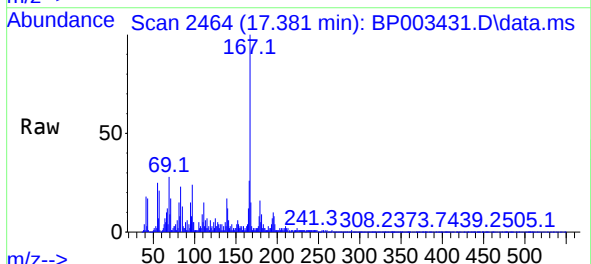
Manual Integrations
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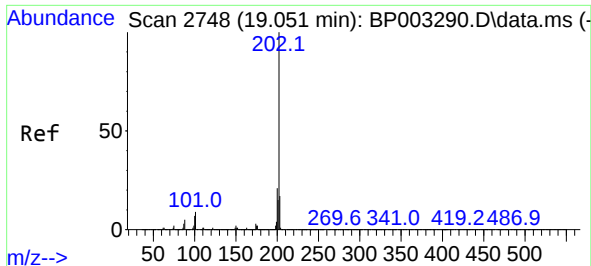
mohammad
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#73
 Carbazole
 Concen: 5.51 ng
 RT: 17.381 min Scan# 2464
 Delta R.T. 0.018 min
 Lab File: BP003431.D
 Acq: 01 Oct 2020 01:09

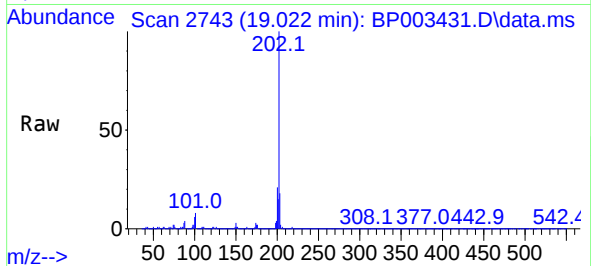
Tgt Ion:167 Resp: 147663
 Ion Ratio Lower Upper
 167 100
 166 26.3 17.6 26.4
 139 16.5 10.2 15.4#





#75
Fluoranthene
Concen: 62.42 ng
RT: 19.022 min Scan# 2743
Delta R.T. 0.041 min
Lab File: BP003431.D
Acq: 01 Oct 2020 01:09

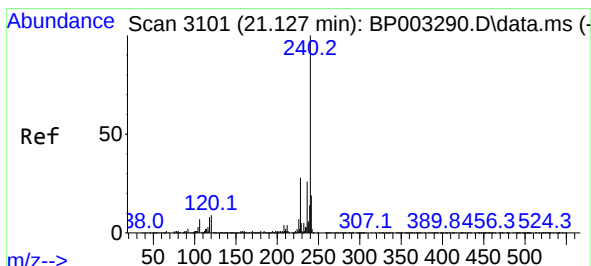
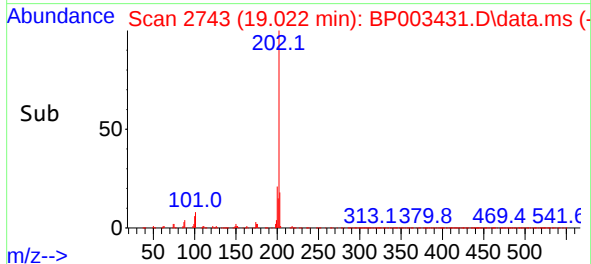
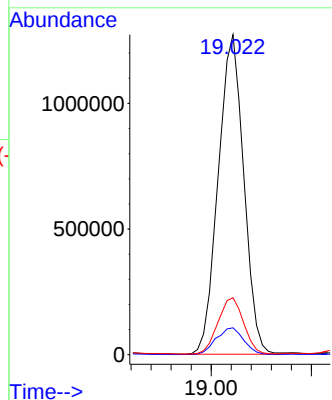
Instrument :
BNA_P
ClientSampleId :
B-12(9-11)



Tgt Ion:202 Resp: 2247203
Ion Ratio Lower Upper
202 100
101 8.4 0.0 29.4
203 17.8 0.0 37.8

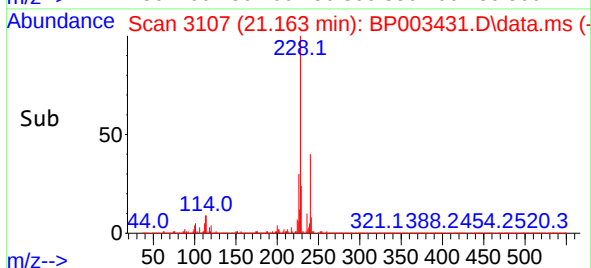
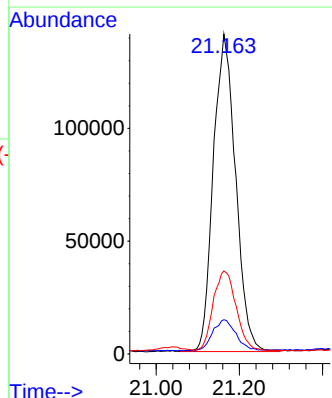
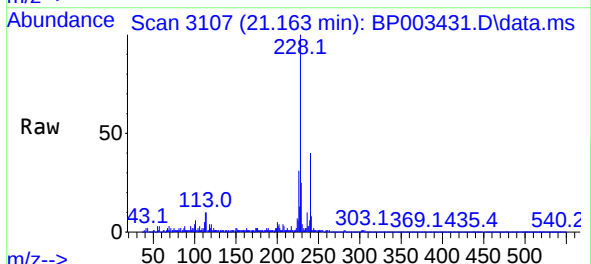
Manual Integrations
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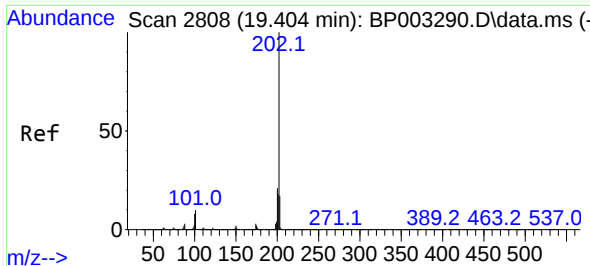
mohammad
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.163 min Scan# 3107
Delta R.T. 0.100 min
Lab File: BP003431.D
Acq: 01 Oct 2020 01:09

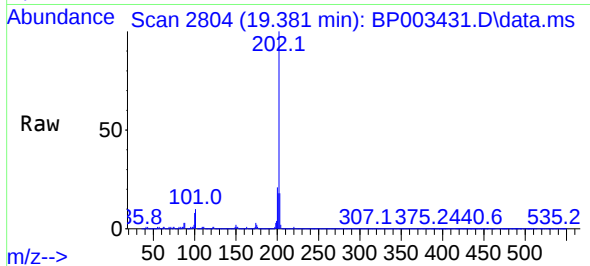
Tgt Ion:240 Resp: 523331
Ion Ratio Lower Upper
240 100
120 10.7 7.8 11.6
236 26.0 20.8 31.2





#78
Pyrene
Concen: 61.78 ng
RT: 19.381 min Scan# 2804
Delta R.T. 0.047 min
Lab File: BP003431.D
Acq: 01 Oct 2020 01:09

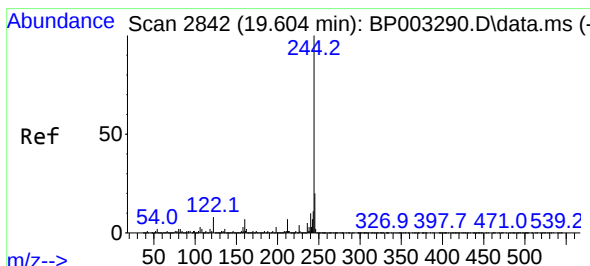
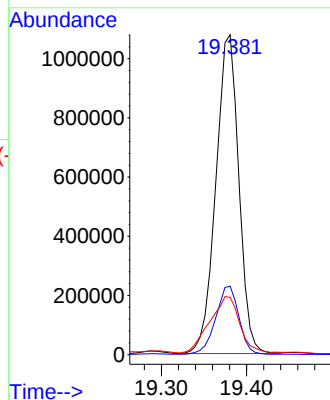
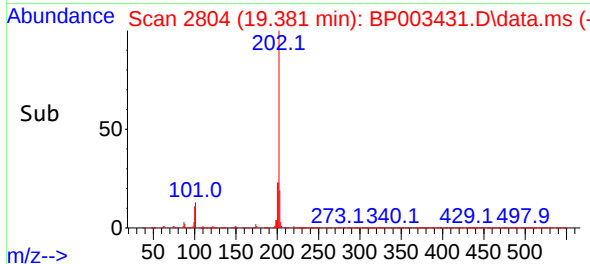
Instrument :
BNA_P
ClientSampleId :
B-12(9-11)



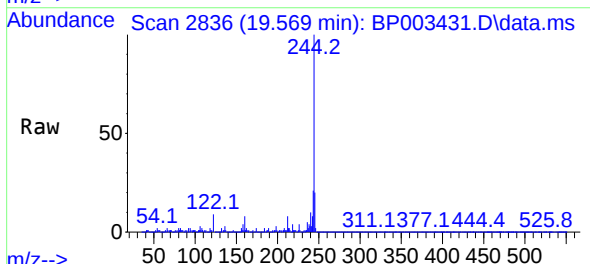
Tgt Ion:202 Resp: 2016497
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 17.9 14.2 21.2

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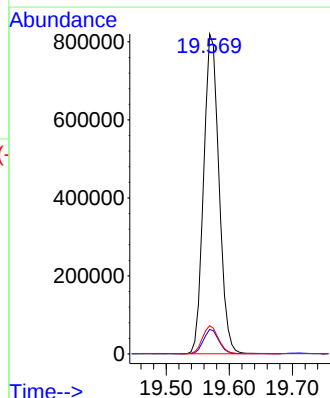
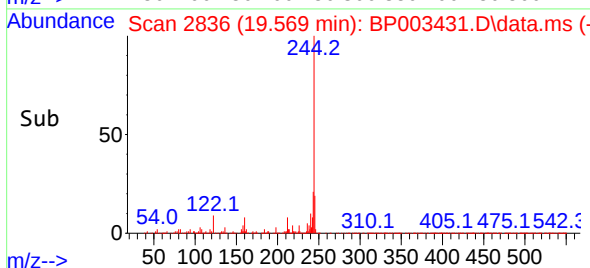
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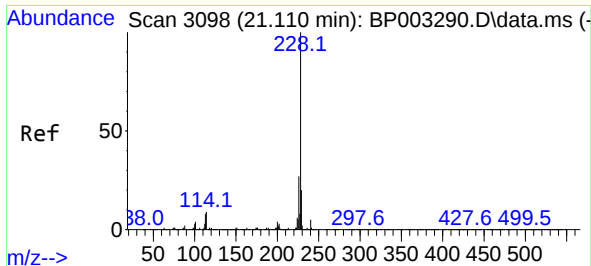


#79
Terphenyl-d14
Concen: 55.18 ng
RT: 19.569 min Scan# 2836
Delta R.T. 0.035 min
Lab File: BP003431.D
Acq: 01 Oct 2020 01:09

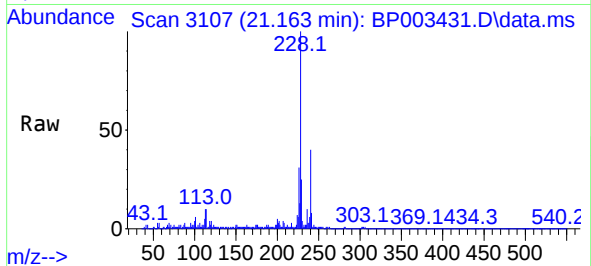


Tgt Ion:244 Resp: 1386080
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.6
122 8.9 7.8 11.8

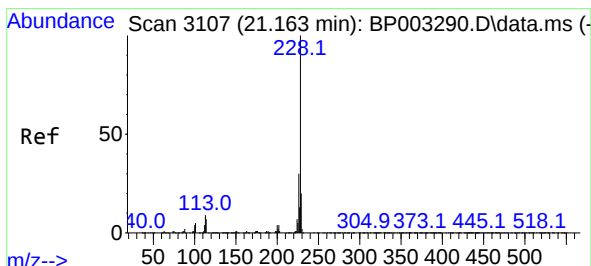
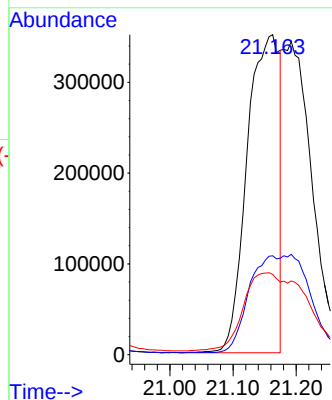
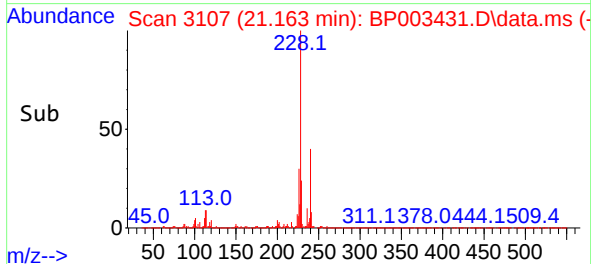




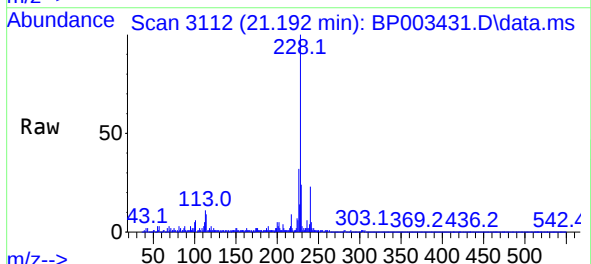
#81
Benzo(a)anthracene
Concen: 36.99 ng
RT: 21.163 min Scan# 3107
Delta R.T. 0.118 min
Lab File: BP003431.D
Acq: 01 Oct 2020 01:09



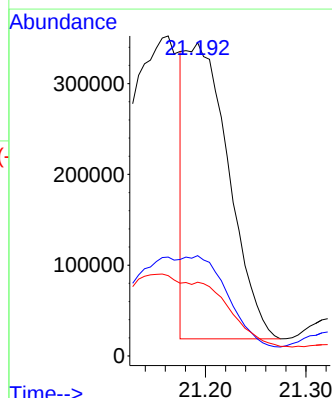
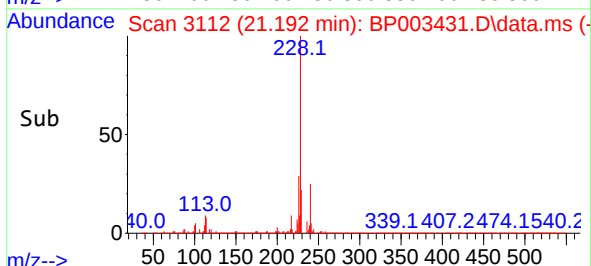
Tgt Ion:228 Resp: 1251494
Ion Ratio Lower Upper
228 100
226 30.9 22.1 33.1
229 25.1 15.9 23.9#



#83
Chrysene
Concen: 30.16 ng m
RT: 21.192 min Scan# 3112
Delta R.T. 0.094 min
Lab File: BP003431.D
Acq: 01 Oct 2020 01:09



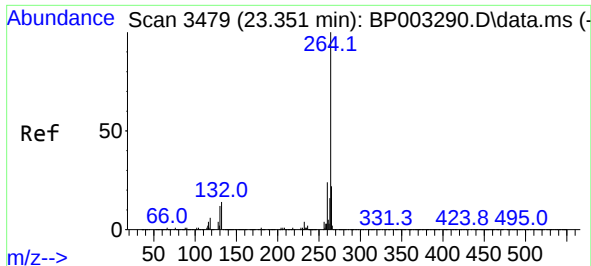
Tgt Ion:228 Resp: 980274
Ion Ratio Lower Upper
228 100
226 32.0 24.4 36.6
229 23.5 15.8 23.6



Instrument :
BNA_P
ClientSampled :
B-12(9-11)

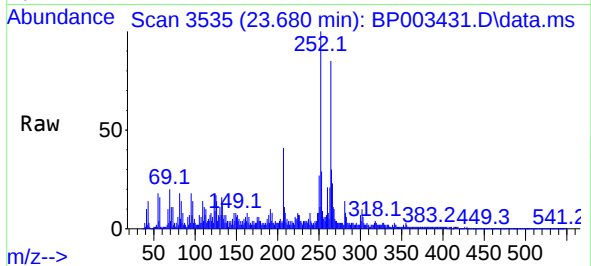
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#86
Perylene-d12
Concen: 20.00 ng m
RT: 23.680 min Scan# 3535
Delta R.T. 0.424 min
Lab File: BP003431.D
Acq: 01 Oct 2020 01:09

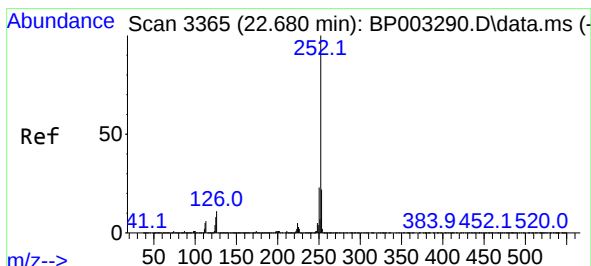
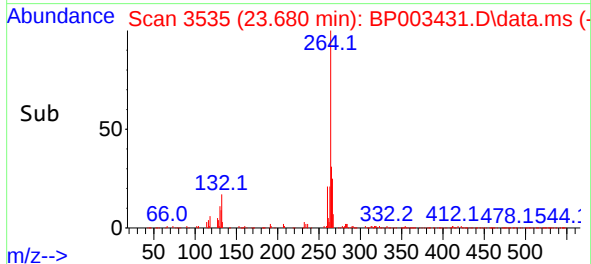
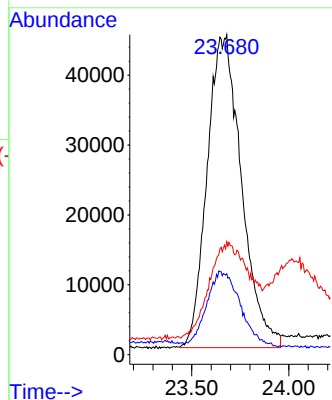
Instrument :
BNA_P
ClientSampled :
B-12(9-11)



Tgt Ion:264 Resp: 550601
Ion Ratio Lower Upper
264 100
260 25.3 18.8 28.2
265 35.3 17.4 26.2#

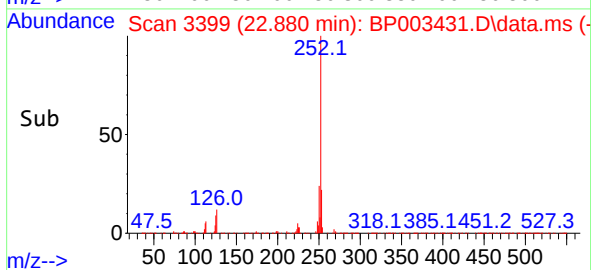
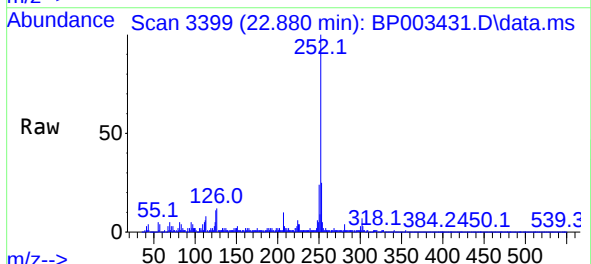
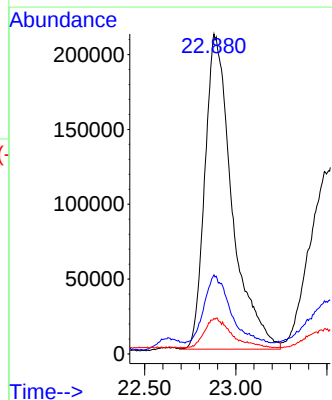
Manual Integrations
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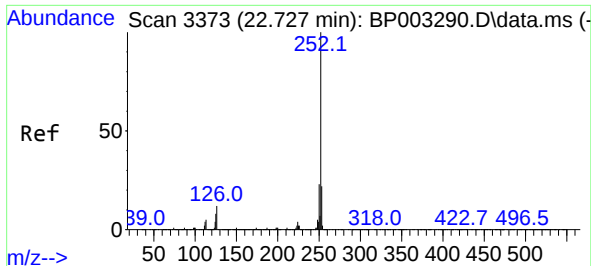
mohammad
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#88
Benzo(b)fluoranthene
Concen: 62.75 ng m
RT: 22.880 min Scan# 3399
Delta R.T. 0.288 min
Lab File: BP003431.D
Acq: 01 Oct 2020 01:09

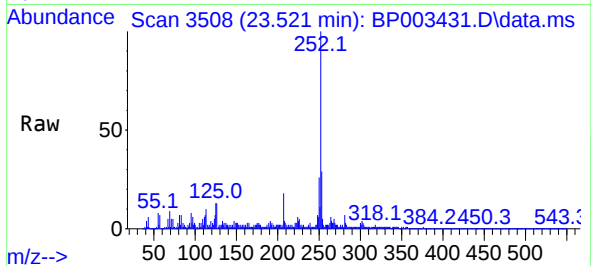
Tgt Ion:252 Resp: 2181745
Ion Ratio Lower Upper
252 100
253 24.7 17.6 26.4
125 11.1 7.3 10.9#





#89
Benzo(k)fluoranthene
Concen: 62.53 ng m
RT: 23.521 min Scan# 3508
Delta R.T. 0.876 min
Lab File: BP003431.D
Acq: 01 Oct 2020 01:09

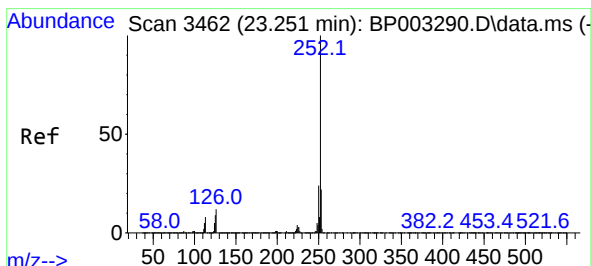
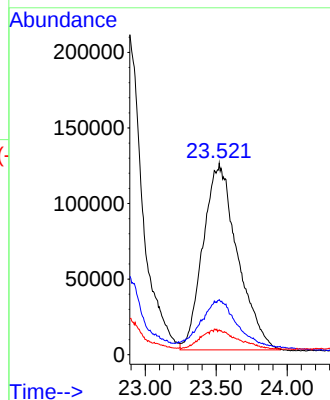
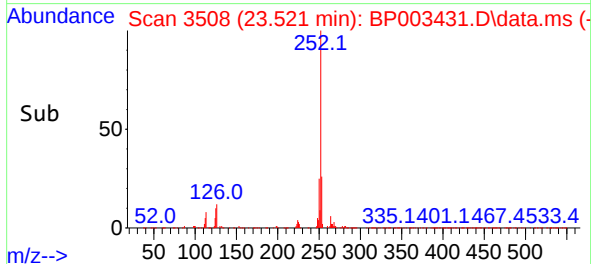
Instrument :
BNA_P
ClientSampleId :
B-12(9-11)



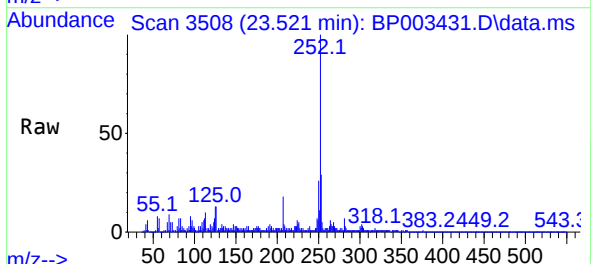
Tgt Ion:252 Resp: 2083648
Ion Ratio Lower Upper
252 100
253 28.7 17.8 26.8#
125 12.9 7.4 11.2#

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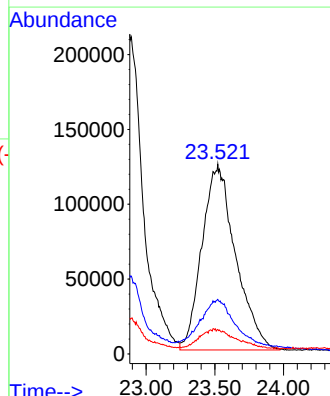
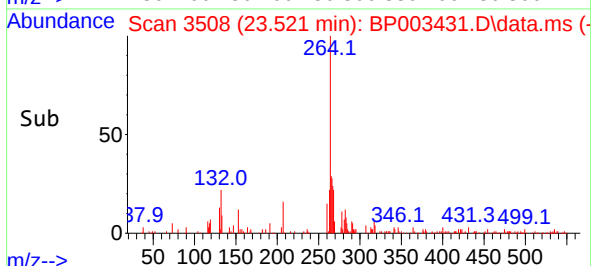
mohammad
10/1/2020 1:34:07 PM

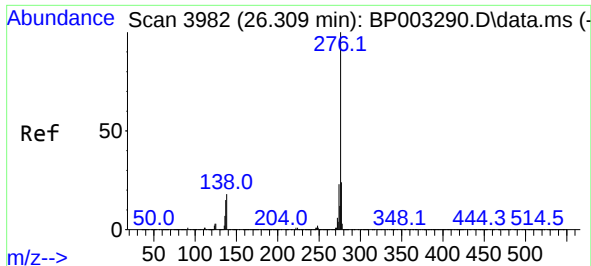


#90
Benzo(a)pyrene
Concen: 64.25 ng m
RT: 23.521 min Scan# 3508
Delta R.T. 0.359 min
Lab File: BP003431.D
Acq: 01 Oct 2020 01:09



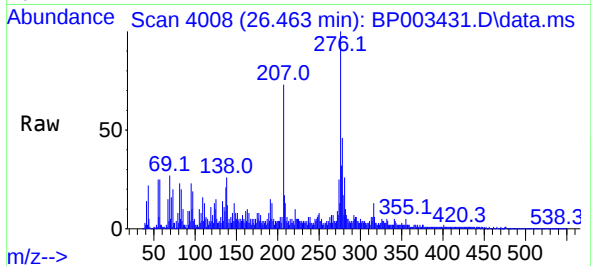
Tgt Ion:252 Resp: 2106470
Ion Ratio Lower Upper
252 100
253 28.7 17.4 26.0#
125 12.9 8.2 12.4#





#92
Benzo(g,h,i)perylene
Concen: 27.39 ng m
RT: 26.463 min Scan# 4008
Delta R.T. 0.265 min
Lab File: BP003431.D
Acq: 01 Oct 2020 01:09

Instrument :
BNA_P
ClientSampleId :
B-12(9-11)



Tgt Ion:276 Resp: 941764
Ion Ratio Lower Upper
276 100
277 31.7 19.0 28.6#
138 25.8 16.6 24.8#

Manual Integrations
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