

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062821\
 Data File : BP006087.D
 Acq On : 28 Jun 2021 20:41
 Operator : CG/JU
 Sample : M2859-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PILE-1-062421

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6/29/2021 2:30:11 PM

Quant Time: Jun 29 02:07:36 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 28 11:34:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	85853	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	319329	20.000	ng	# 0.00
39) Acenaphthene-d10	14.551	164	238601	20.000	ng	# 0.02
64) Phenanthrene-d10	17.304	188	420863	20.000	ng	# 0.02
76) Chrysene-d12	21.369	240	515131	20.000	ng	0.01
86) Perylene-d12	23.769	264	595578	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	386199	72.182	ng	0.00
7) Phenol-d6	7.087	99	490197	70.686	ng	0.00
23) Nitrobenzene-d5	9.069	82	306801	47.104	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	363634	88.809	ng	0.02
45) 2-Fluorobiphenyl	13.169	172	760448	41.851	ng	0.00
79) Terphenyl-d14	19.845	244	1471611	53.493	ng	0.01
Target Compounds						Qvalue
31) Naphthalene	10.757	128	125753	6.806	ng	# 77
37) 2-Methylnaphthalene	12.381	142	1965377	149.405	ng	98
38) 1-Methylnaphthalene	12.593	142	1489435	120.203	ng	100
46) 1,1'-Biphenyl	13.381	154	448077	23.291	ng	99
50) Dimethylphthalate	14.004	163	80785	4.118	ng	# 74
52) Acenaphthene	14.616	154	244771	16.724	ng	# 88
55) Dibenzofuran	14.951	168	299152m	12.429	ng	
58) Fluorene	15.604	166	391359	20.868	ng	# 83
71) Phenanthrene	17.351	178	2989799	118.292	ng	97
72) Anthracene	17.398	178	66884m	2.689	ng	
75) Fluoranthene	19.304	202	230588	7.512	ng	65
78) Pyrene	19.657	202	1078385	29.987	ng	# 92
81) Benzo(a)anthracene	21.351	228	277708	7.468	ng	# 62
83) Chrysene	21.404	228	472987	13.133	ng	# 86
84) Bis(2-ethylhexyl)phtha...	21.263	149	158100	7.286	ng	# 90
88) Benzo(b)fluoranthene	23.033	252	85928	2.106	ng	# 56
90) Benzo(a)pyrene	23.663	252	164760	4.296	ng	# 71

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

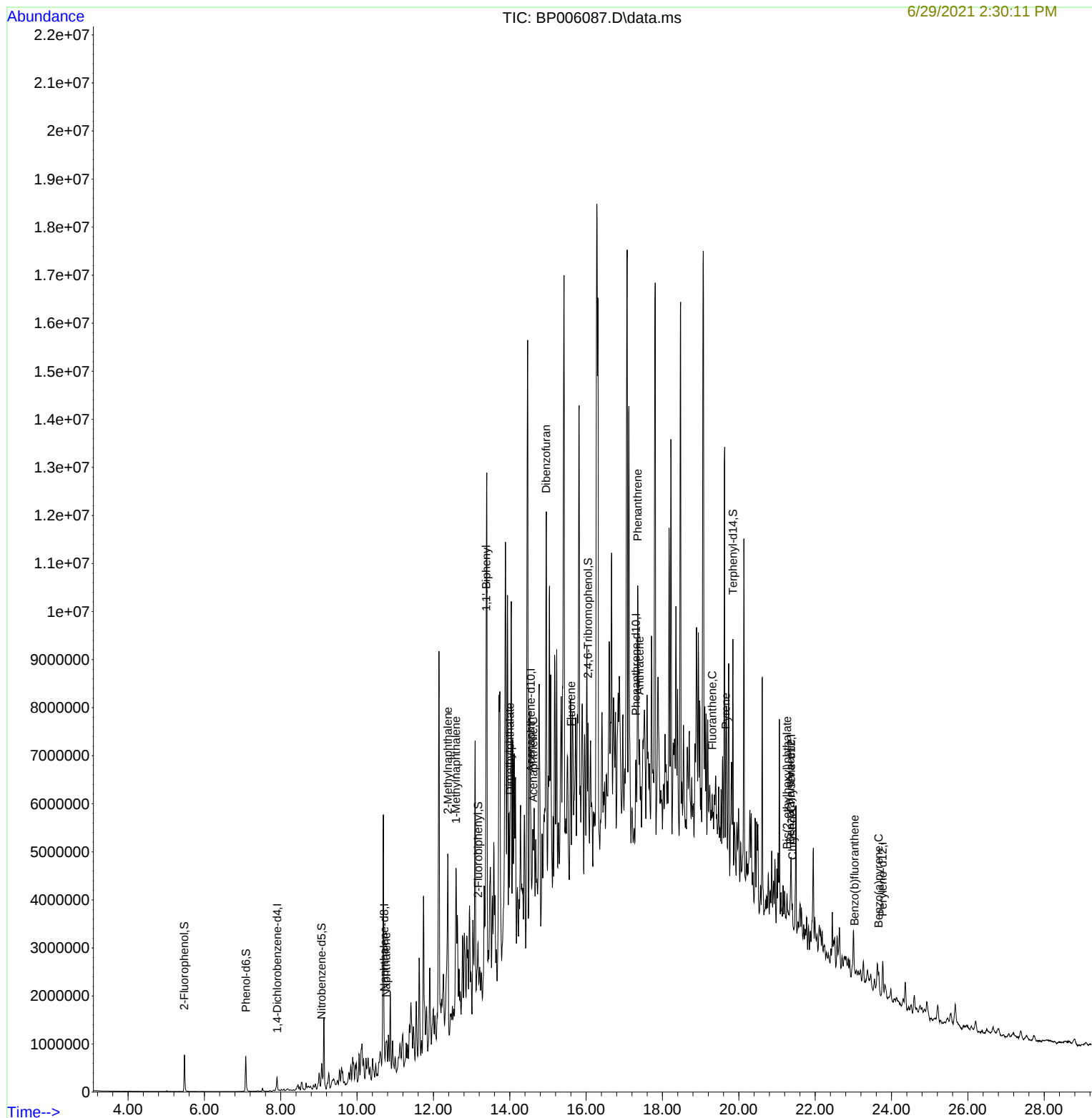
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062821\
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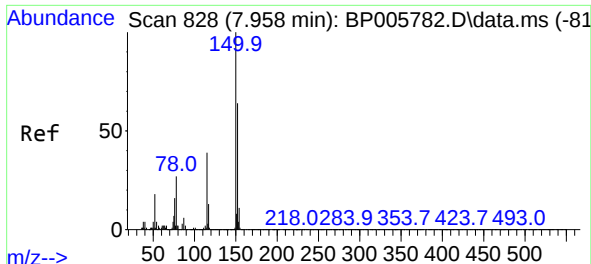
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 819
Delta R.T. -0.000 min
Lab File: BP006087.D
Acq: 28 Jun 2021 20:41

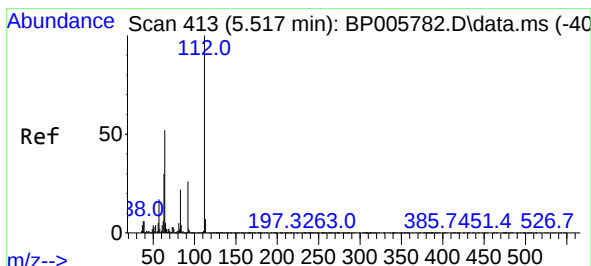
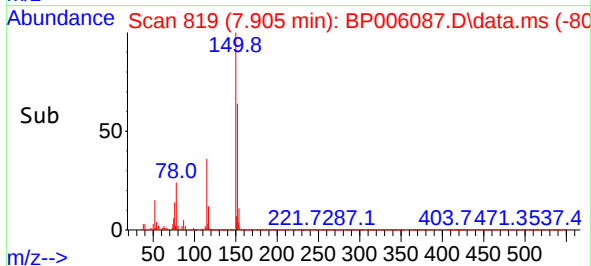
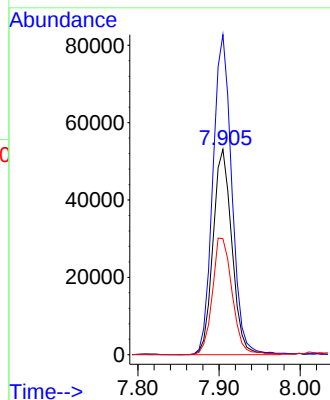
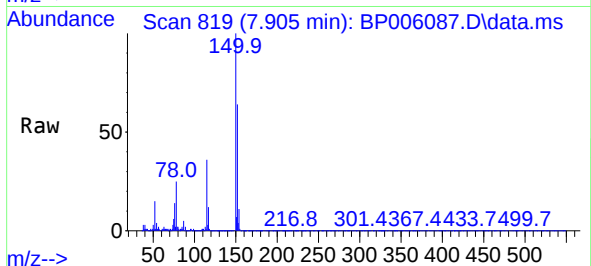
Tgt Ion:	152	Resp:	85853
Ion Ratio	Lower	Upper	
152	100		
150	155.9	125.6	188.4
115	56.5	48.5	72.7

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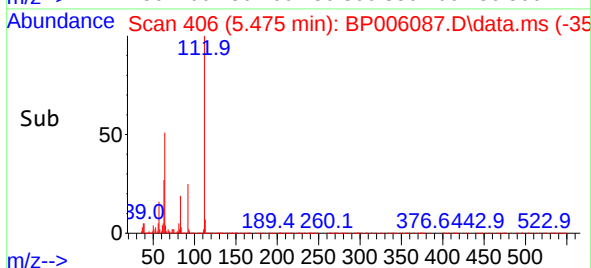
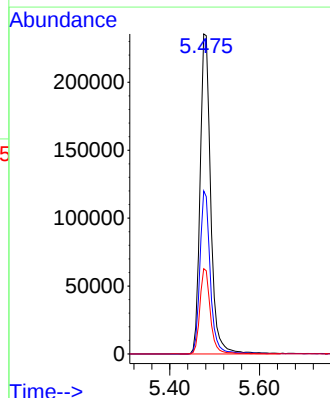
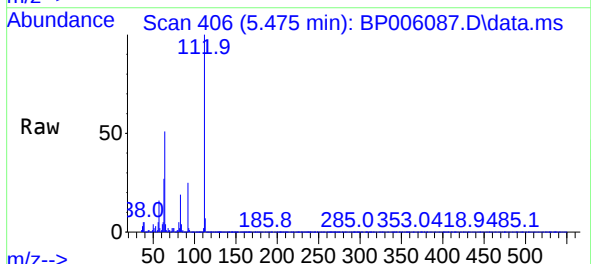
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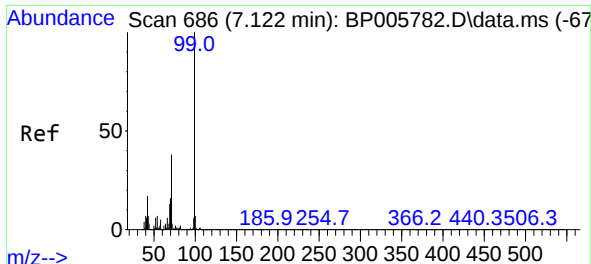
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#5
2-Fluorophenol
Concen: 72.182 ng
RT: 5.475 min Scan# 406
Delta R.T. 0.000 min
Lab File: BP006087.D
Acq: 28 Jun 2021 20:41

Tgt Ion:	112	Resp:	386199
Ion Ratio	Lower	Upper	
112	100		
64	51.0	41.4	62.2
63	26.7	23.8	35.8





#7
Phenol-d6
Concen: 70.686 ng
RT: 7.087 min Scan# 680
Delta R.T. 0.006 min
Lab File: BP006087.D
Acq: 28 Jun 2021 20:41

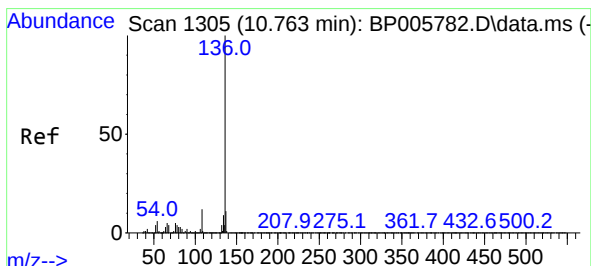
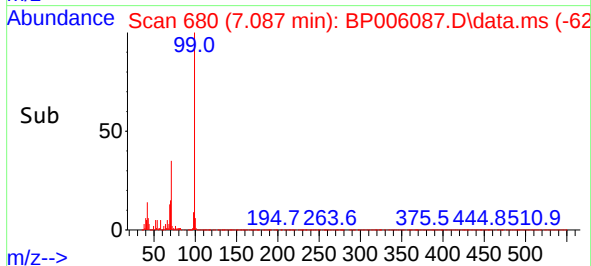
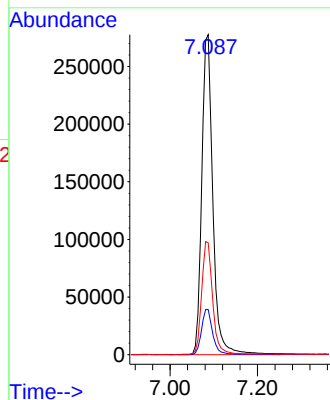
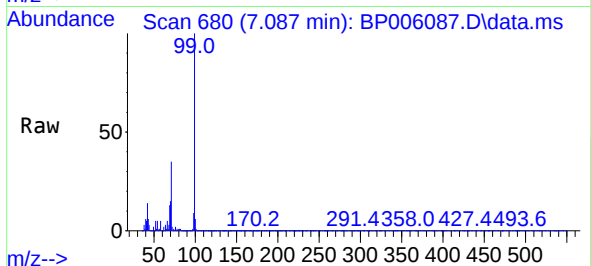
Tgt Ion: 99 Resp: 490197
Ion Ratio Lower Upper
99 100
42 14.1 13.4 20.0
71 35.0 30.6 46.0

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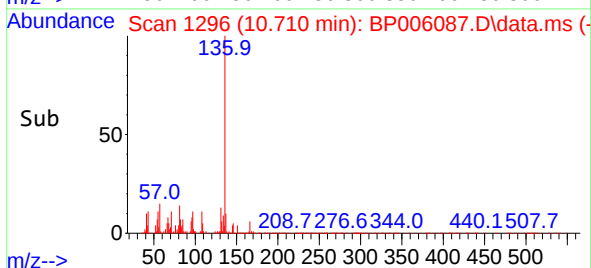
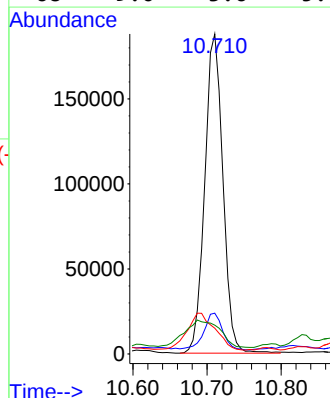
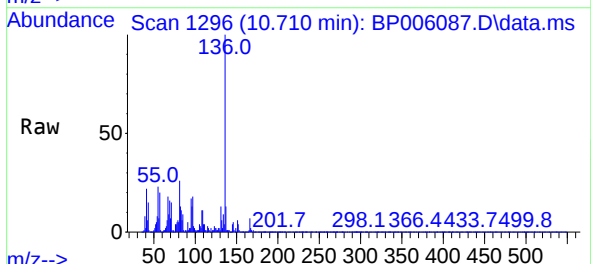
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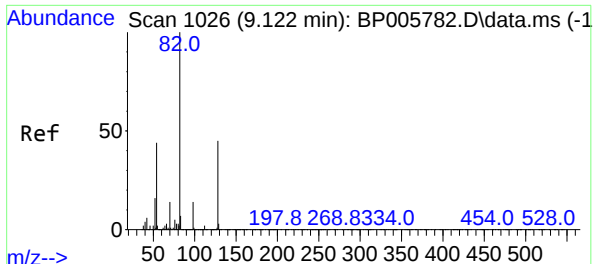
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP006087.D
Acq: 28 Jun 2021 20:41

Tgt Ion: 136 Resp: 319329
Ion Ratio Lower Upper
136 100
137 12.8 8.6 12.8
54 8.0 4.6 6.8#
68 9.0 3.6 5.4#





#23
Nitrobenzene-d5
Concen: 47.104 ng
RT: 9.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP006087.D
Acq: 28 Jun 2021 20:41

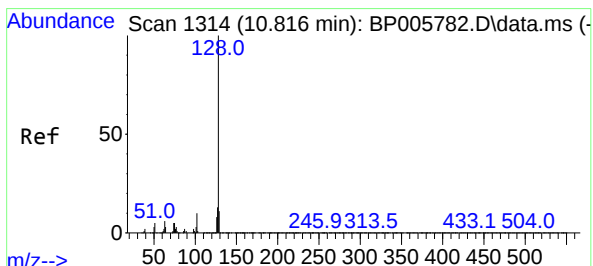
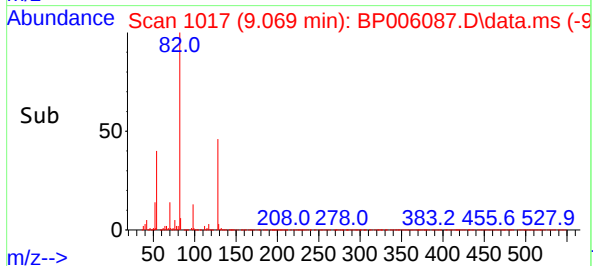
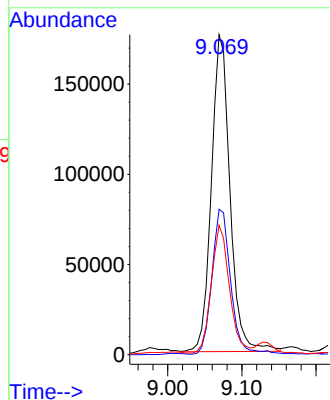
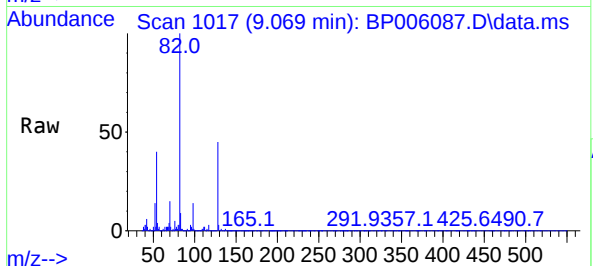
Tgt Ion: 82 Resp: 306801
Ion Ratio Lower Upper
82 100
128 45.4 35.7 53.5
54 40.4 35.0 52.4

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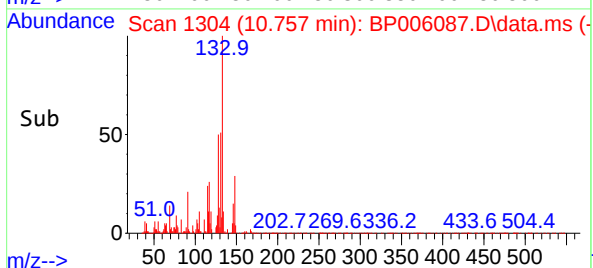
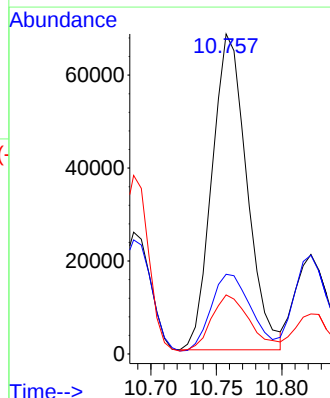
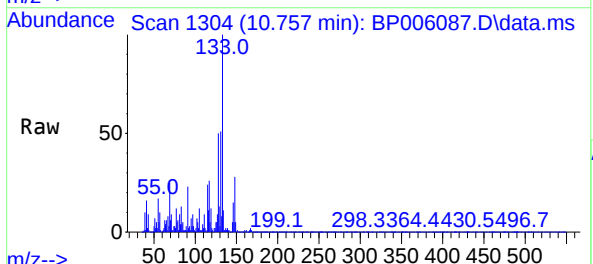
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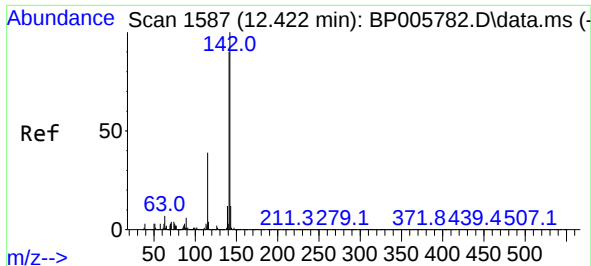
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#31
Naphthalene
Concen: 6.806 ng
RT: 10.757 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BP006087.D
Acq: 28 Jun 2021 20:41

Tgt Ion: 128 Resp: 125753
Ion Ratio Lower Upper
128 100
129 24.9 9.0 13.6#
127 18.5 10.7 16.1#





#37
2-Methylnaphthalene
Concen: 149.405 ng
RT: 12.381 min Scan# 1580
Delta R.T. 0.012 min
Lab File: BP006087.D
Acq: 28 Jun 2021 20:41

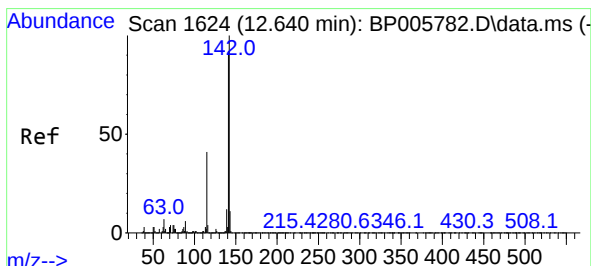
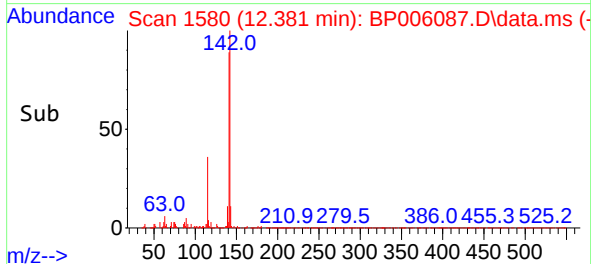
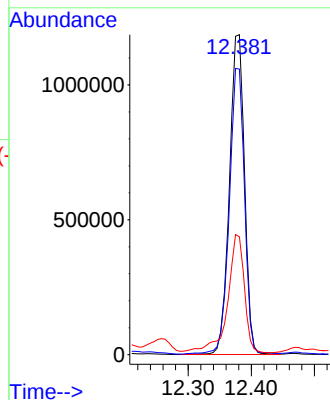
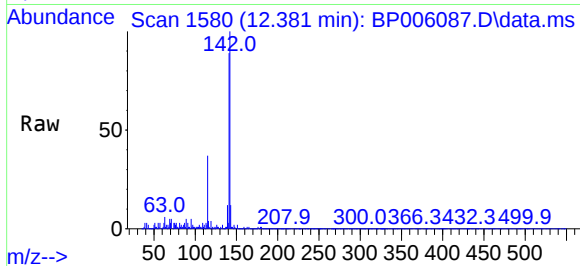
Tgt Ion:142 Resp: 1965377
Ion Ratio Lower Upper
142 100
141 89.3 71.8 107.6
115 36.8 31.6 47.4

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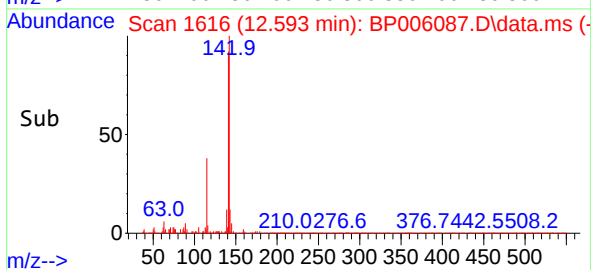
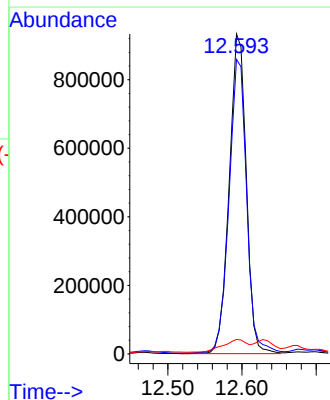
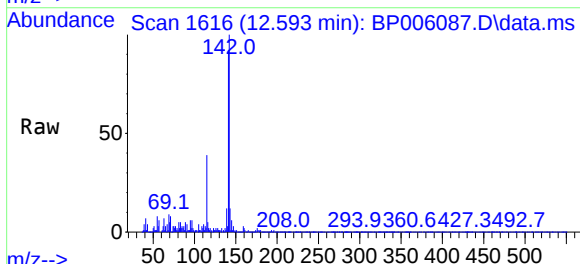
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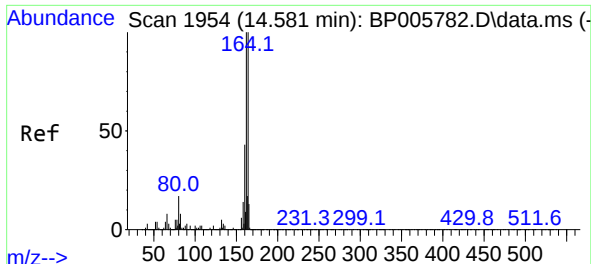
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#38
1-Methylnaphthalene
Concen: 120.203 ng
RT: 12.593 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BP006087.D
Acq: 28 Jun 2021 20:41

Tgt Ion:142 Resp: 1489435
Ion Ratio Lower Upper
142 100
141 92.1 73.3 109.9
116 4.6 3.5 5.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.551 min Scan# 1949
Delta R.T. 0.018 min
Lab File: BP006087.D
Acq: 28 Jun 2021 20:41

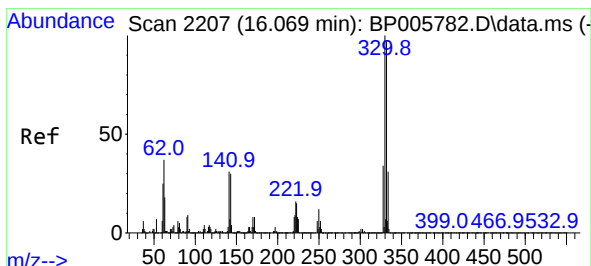
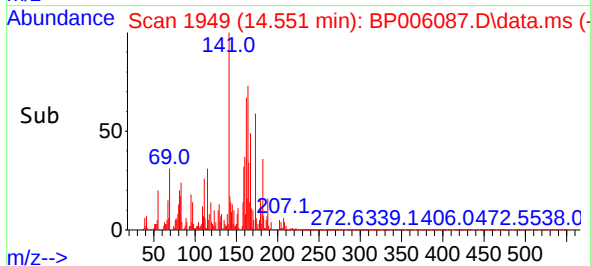
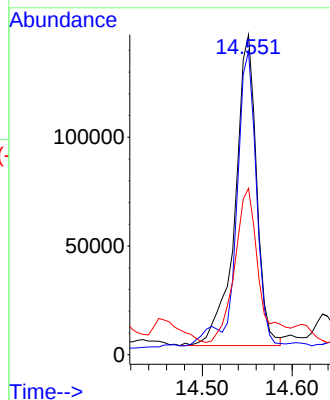
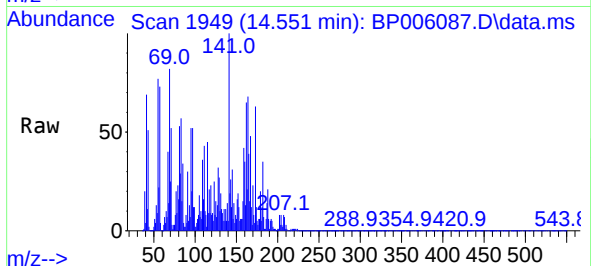
Tgt Ion:164 Resp: 238601
Ion Ratio Lower Upper
164 100
162 94.8 80.2 120.2
160 52.0 34.5 51.7#

Instrument :
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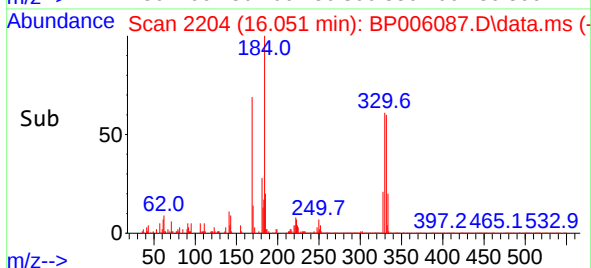
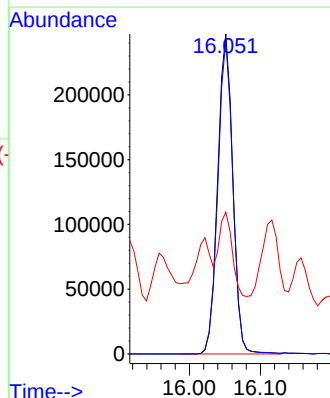
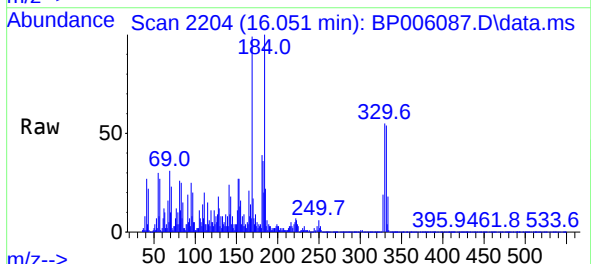
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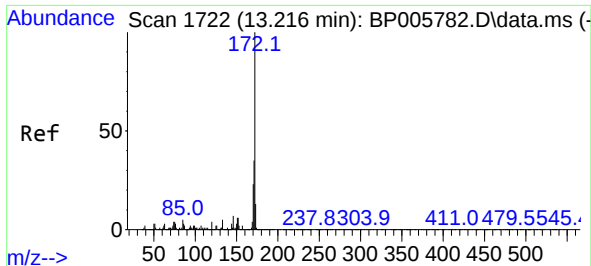
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#42
2,4,6-Tribromophenol
Concen: 88.809 ng
RT: 16.051 min Scan# 2204
Delta R.T. 0.024 min
Lab File: BP006087.D
Acq: 28 Jun 2021 20:41

Tgt Ion:330 Resp: 363634
Ion Ratio Lower Upper
330 100
332 97.6 77.8 116.8
141 23.1 25.4 38.2#





#45
2-Fluorobiphenyl
Concen: 41.851 ng
RT: 13.169 min Scan# 1714
Delta R.T. 0.006 min
Lab File: BP006087.D
Acq: 28 Jun 2021 20:41

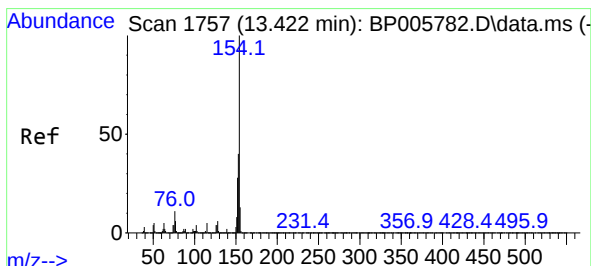
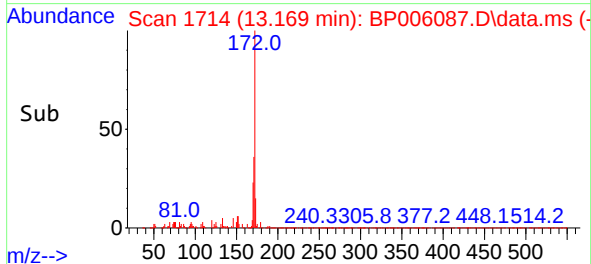
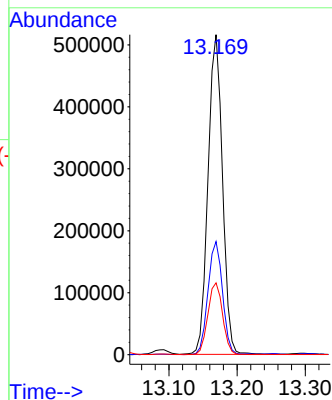
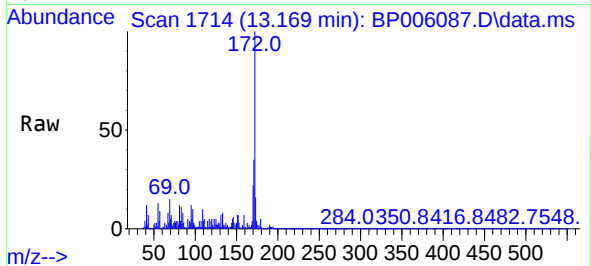
Tgt Ion:	172	Resp:	760448
Ion Ratio	Lower	Upper	
172	100		
171	35.4	27.9	41.9
170	22.5	18.6	27.8

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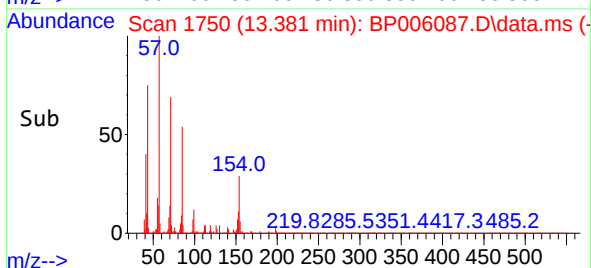
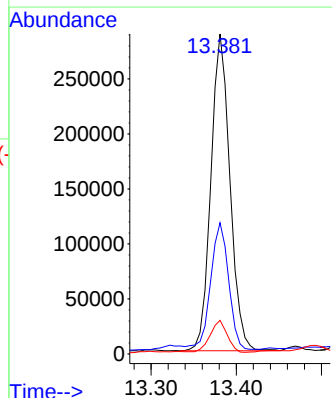
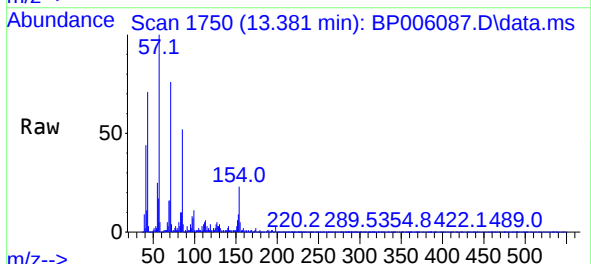
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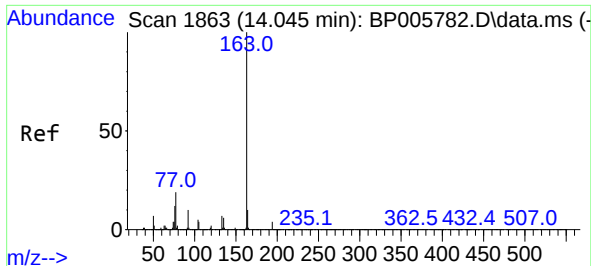
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#46
1,1'-Biphenyl
Concen: 23.291 ng
RT: 13.381 min Scan# 1750
Delta R.T. 0.006 min
Lab File: BP006087.D
Acq: 28 Jun 2021 20:41

Tgt Ion:	154	Resp:	448077
Ion Ratio	Lower	Upper	
154	100		
153	41.0	20.4	60.4
76	10.5	0.0	30.8





#50
Dimethylphthalate
Concen: 4.118 ng
RT: 14.004 min Scan# 1856
Delta R.T. 0.006 min
Lab File: BP006087.D
Acq: 28 Jun 2021 20:41

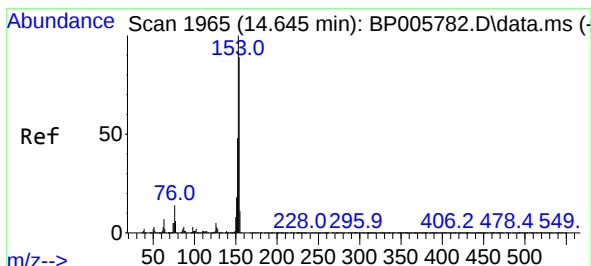
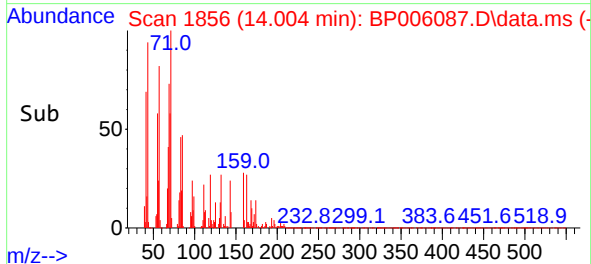
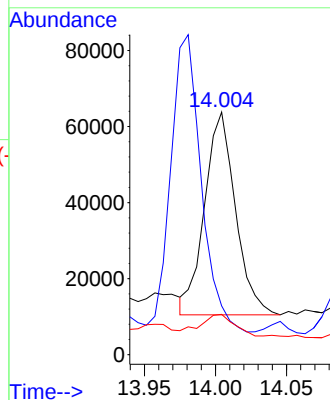
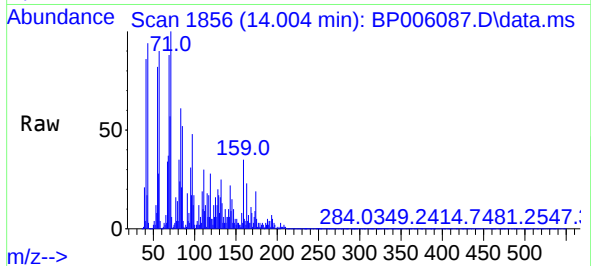
Tgt Ion:163 Resp: 80785
Ion Ratio Lower Upper
163 100
194 20.1 3.4 5.2#
164 16.6 8.2 12.2#

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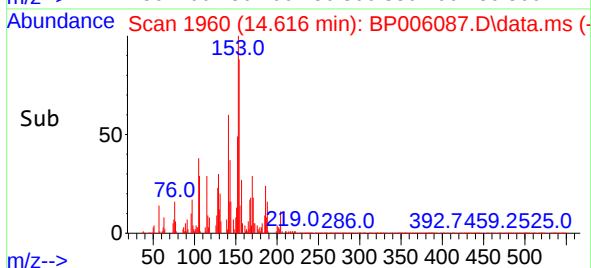
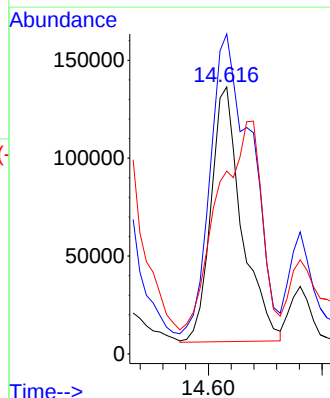
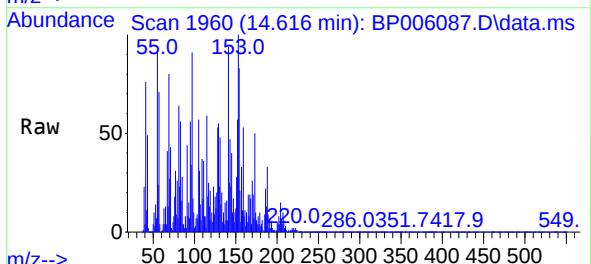
mohammad

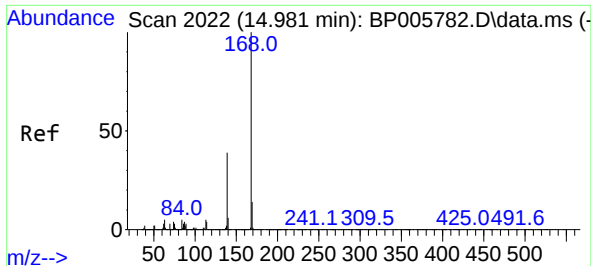
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#52
Acenaphthene
Concen: 16.724 ng
RT: 14.616 min Scan# 1960
Delta R.T. 0.018 min
Lab File: BP006087.D
Acq: 28 Jun 2021 20:41

Tgt Ion:154 Resp: 244771
Ion Ratio Lower Upper
154 100
153 119.8 89.4 134.2
152 68.5 43.0 64.4#





#55
Dibenzenofuran
Concen: 12.429 ng m
RT: 14.951 min Scan# 2017
Delta R.T. 0.018 min
Lab File: BP006087.D
Acq: 28 Jun 2021 20:41

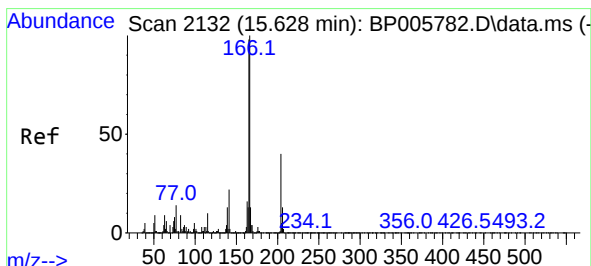
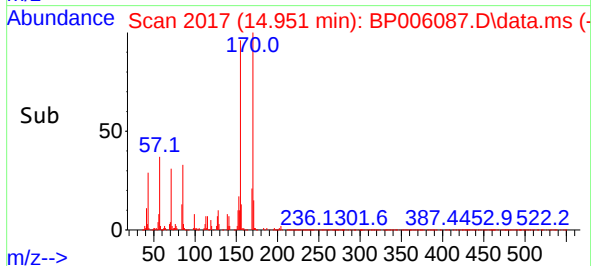
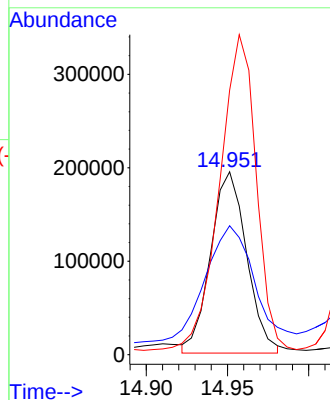
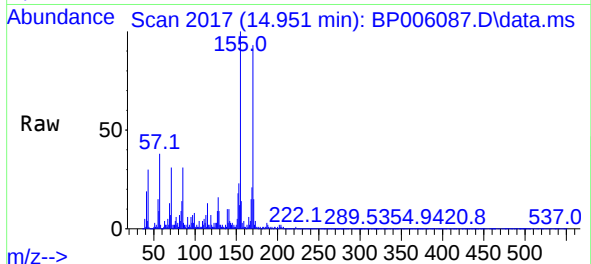
Tgt Ion:168 Resp: 299152
Ion Ratio Lower Upper
168 100
139 70.5 31.0 46.6#
169 144.7 10.8 16.2#

Instrument :
BNA_P
ClientSampleId :
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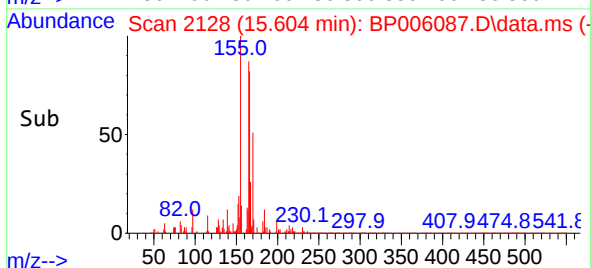
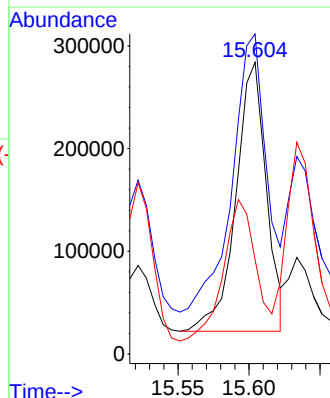
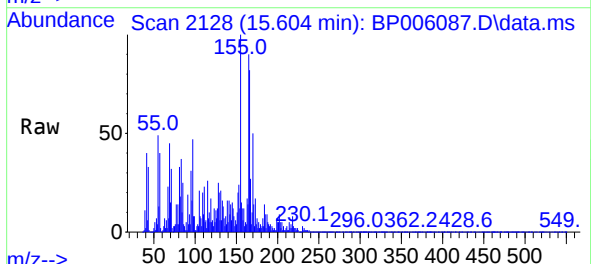
mohammad

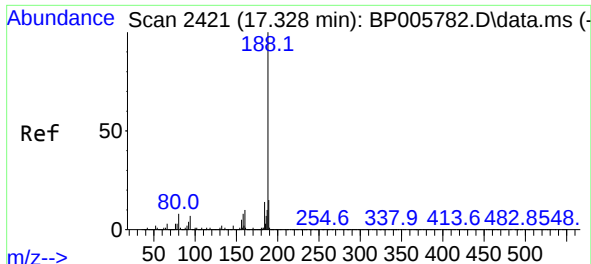
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#58
Fluorene
Concen: 20.868 ng
RT: 15.604 min Scan# 2128
Delta R.T. 0.024 min
Lab File: BP006087.D
Acq: 28 Jun 2021 20:41

Tgt Ion:166 Resp: 391359
Ion Ratio Lower Upper
166 100
165 109.7 78.0 117.0
167 32.4 10.5 15.7#





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 2417
Delta R.T. 0.024 min
Lab File: BP006087.D
Acq: 28 Jun 2021 20:41

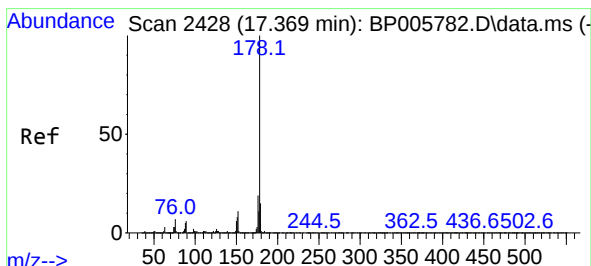
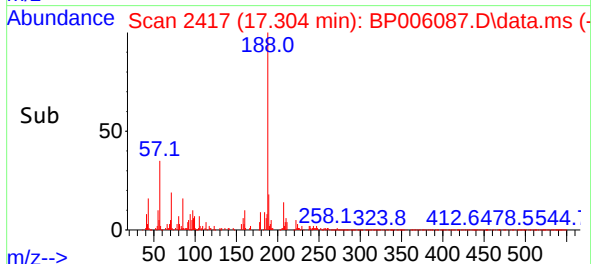
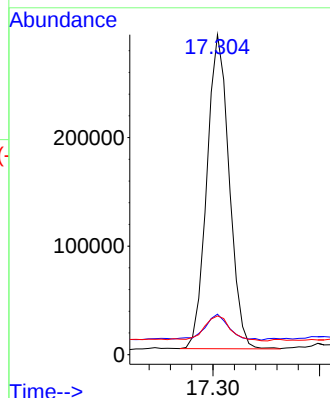
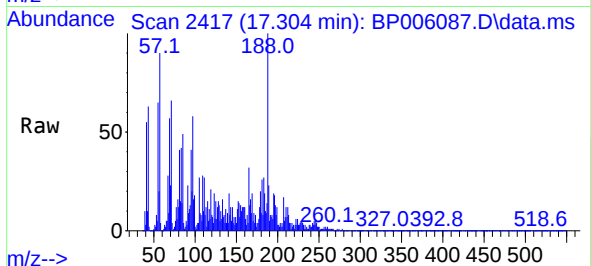
Tgt Ion:188 Resp: 420863
Ion Ratio Lower Upper
188 100
94 12.7 5.6 8.4#
80 12.1 6.3 9.5#

Instrument :
BNA_P
ClientSampleId :
PILE-1-062421

Manual Integrations
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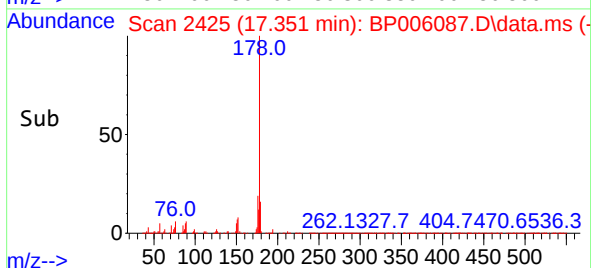
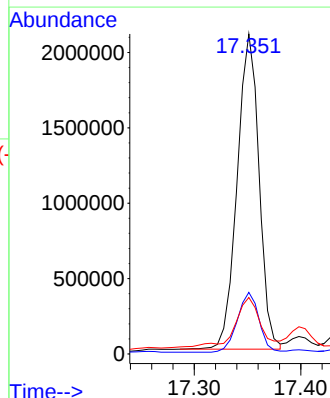
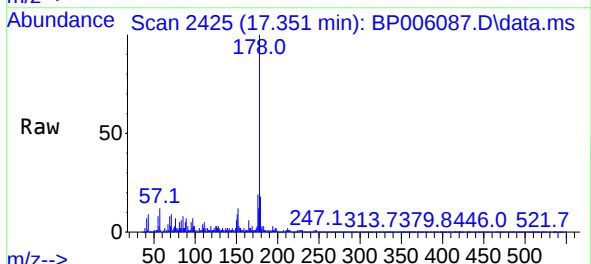
mohammad

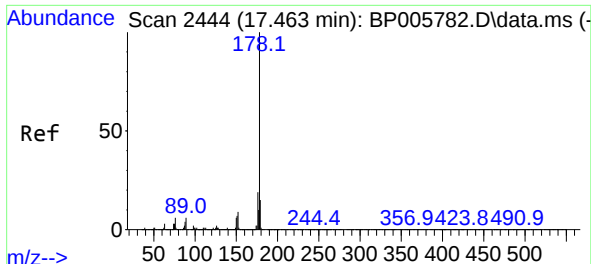
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#71
Phenanthrene
Concen: 118.292 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.024 min
Lab File: BP006087.D
Acq: 28 Jun 2021 20:41

Tgt Ion:178 Resp: 2989799
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 17.6 12.4 18.6





#72
Anthracene
Concen: 2.689 ng m
RT: 17.398 min Scan# 2433
Delta R.T. -0.018 min
Lab File: BP006087.D
Acq: 28 Jun 2021 20:41

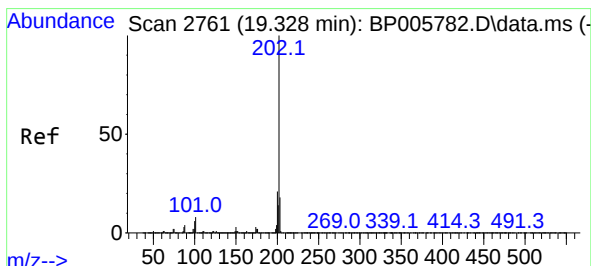
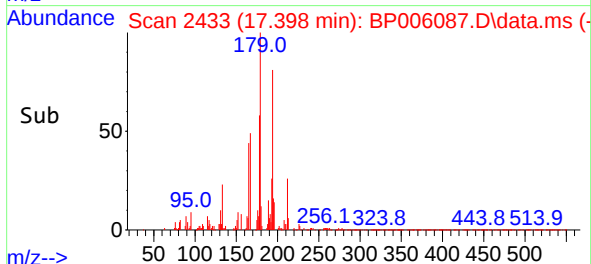
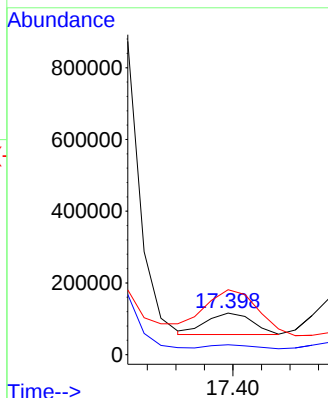
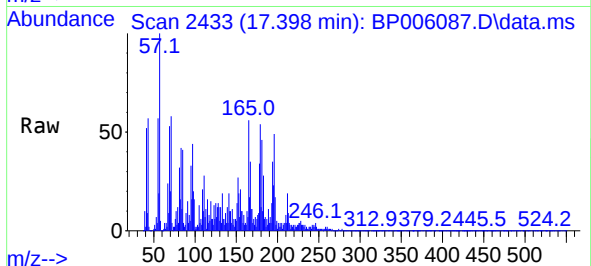
Tgt Ion:178 Resp: 66884
Ion Ratio Lower Upper
178 100
176 23.9 14.9 22.3#
179 156.0 12.2 18.2#

Instrument :
BNA_P
ClientSampleId :
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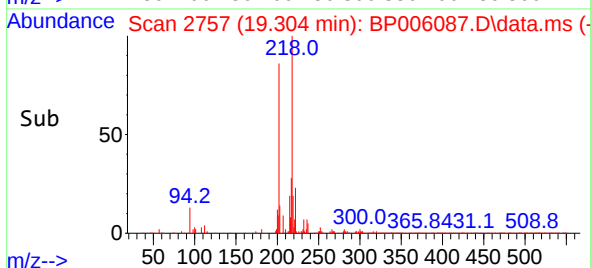
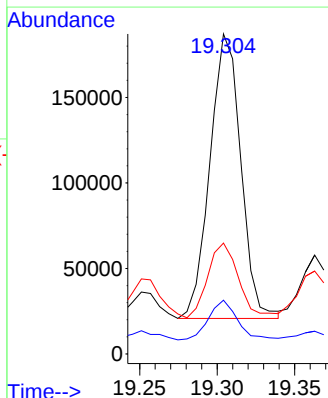
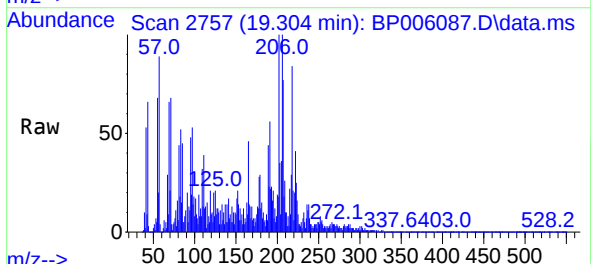
mohammad

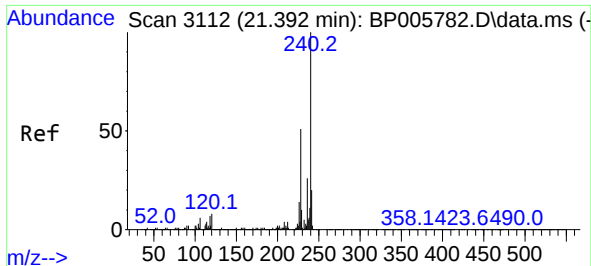
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#75
Fluoranthene
Concen: 7.512 ng
RT: 19.304 min Scan# 2757
Delta R.T. 0.018 min
Lab File: BP006087.D
Acq: 28 Jun 2021 20:41

Tgt Ion:202 Resp: 230588
Ion Ratio Lower Upper
202 100
101 16.8 0.0 27.6
203 34.7 0.0 37.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.369 min Scan# 3108
Delta R.T. 0.012 min
Lab File: BP006087.D
Acq: 28 Jun 2021 20:41

Tgt Ion: 240 Resp: 515131

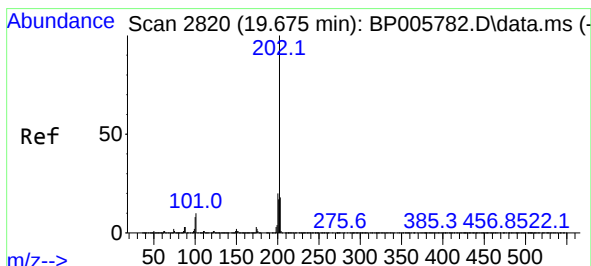
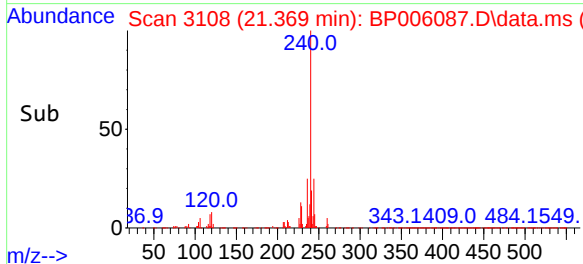
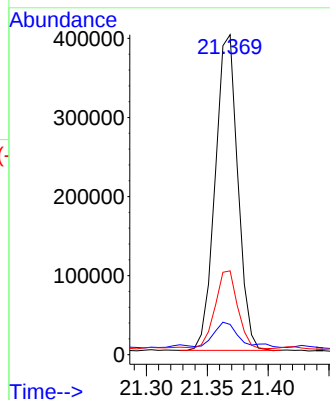
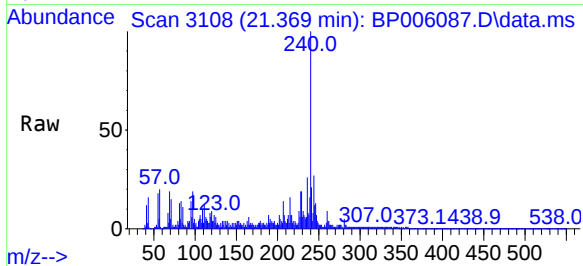
Ion	Ratio	Lower	Upper
240	100		
120	9.5	6.5	9.7
236	26.2	20.6	31.0

Instrument :
BNA_P
ClientSampleId :
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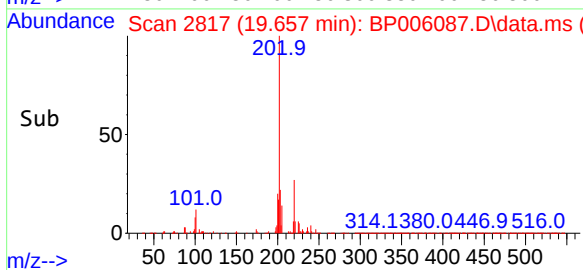
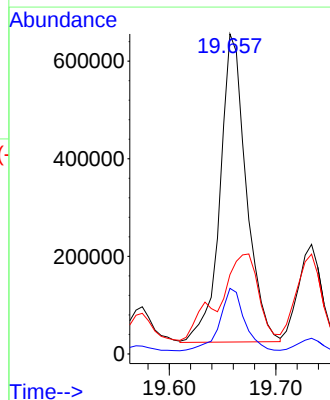
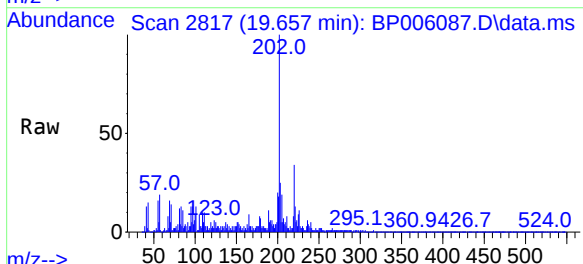
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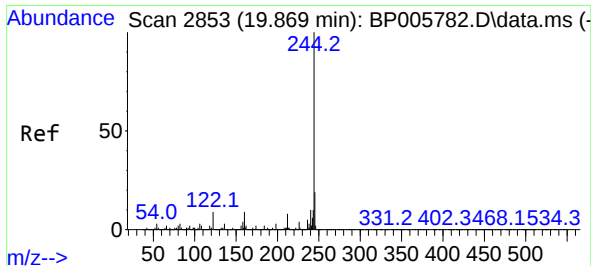


#78
Pyrene
Concen: 29.987 ng
RT: 19.657 min Scan# 2817
Delta R.T. 0.018 min
Lab File: BP006087.D
Acq: 28 Jun 2021 20:41

Tgt Ion: 202 Resp: 1078385

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.3	24.5
203	24.8	14.2	21.2





#79
Terphenyl-d14
Concen: 53.493 ng
RT: 19.845 min Scan# 2849
Delta R.T. 0.012 min
Lab File: BP006087.D
Acq: 28 Jun 2021 20:41

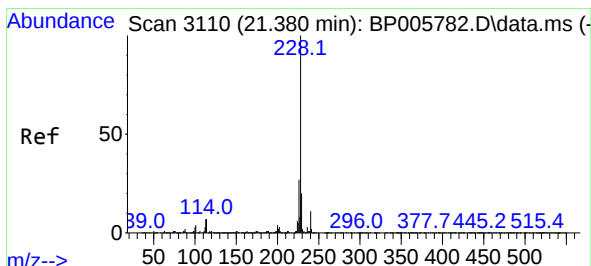
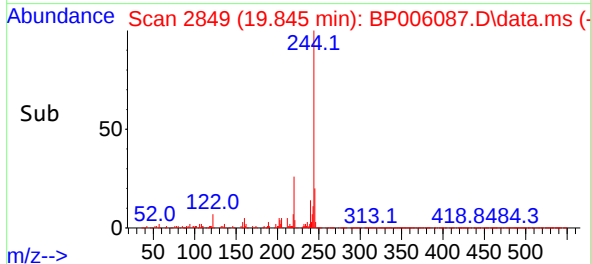
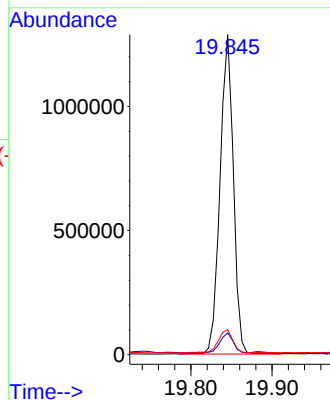
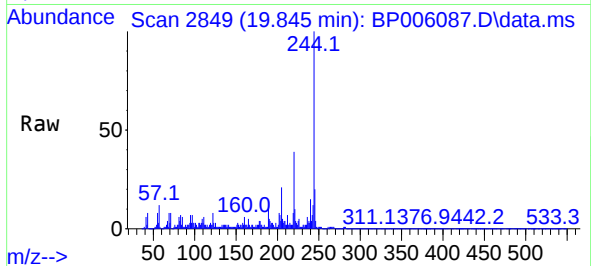
Tgt Ion:244 Resp: 1471611
Ion Ratio Lower Upper
244 100
212 6.8 6.0 9.0
122 7.8 7.1 10.7

Instrument :
BNA_P
ClientSampleId :
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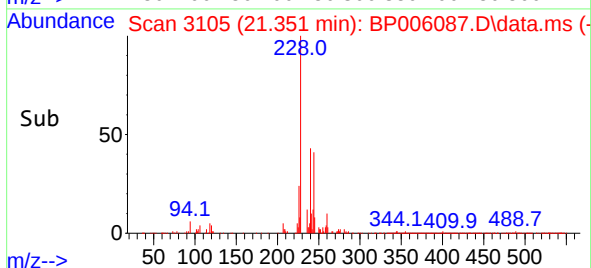
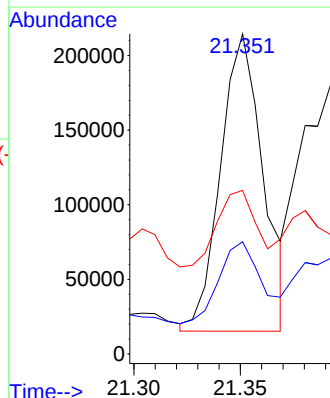
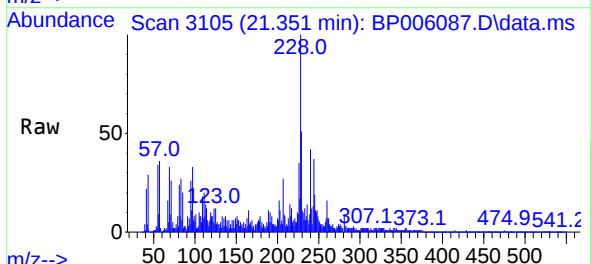
mohammad

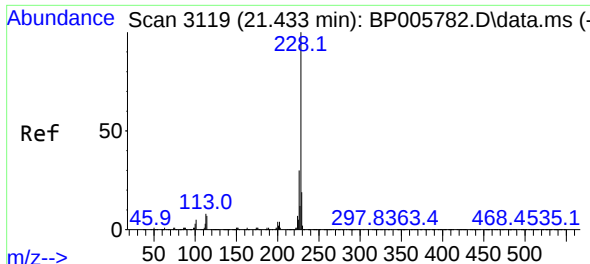
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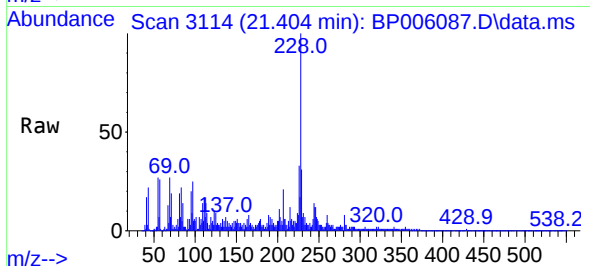
#81
Benzo(a)anthracene
Concen: 7.468 ng
RT: 21.351 min Scan# 3105
Delta R.T. 0.012 min
Lab File: BP006087.D
Acq: 28 Jun 2021 20:41

Tgt Ion:228 Resp: 277708
Ion Ratio Lower Upper
228 100
226 35.1 21.6 32.4#
229 51.1 15.8 23.6#

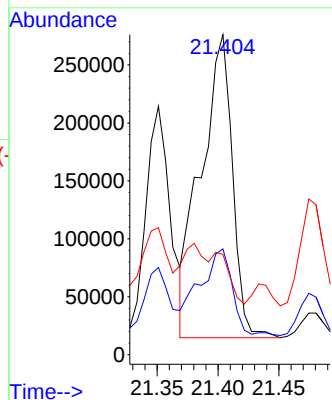




#83
Chrysene
Concen: 13.133 ng
RT: 21.404 min Scan# 3114
Delta R.T. 0.012 min
Lab File: BP006087.D
Acq: 28 Jun 2021 20:41



Tgt Ion:228 Resp: 472987
Ion Ratio Lower Upper
228 100
226 33.1 23.8 35.6
229 31.4 15.4 23.2#

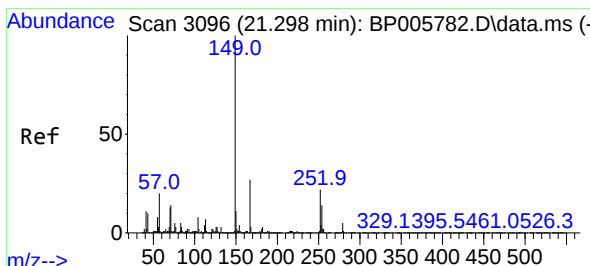
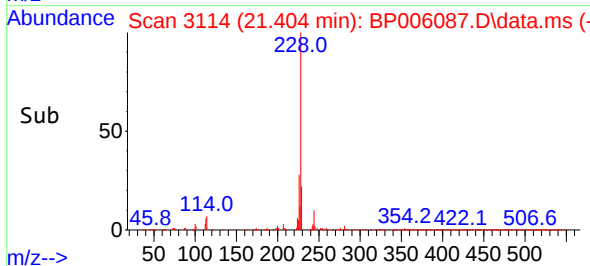


Instrument :
BNA_P
ClientSampleId :
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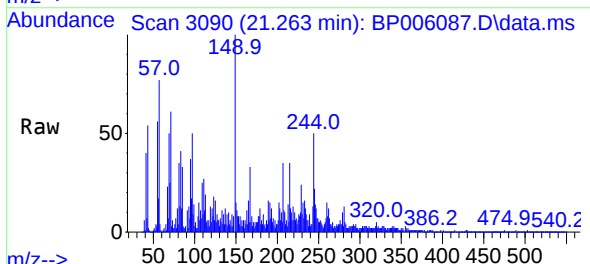
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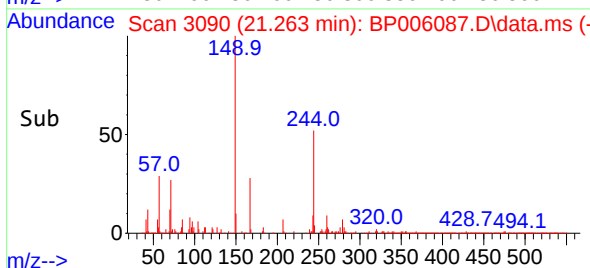
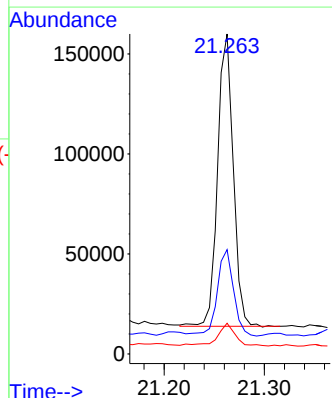
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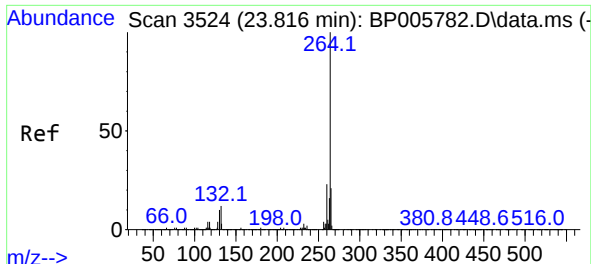


#84
Bis(2-ethylhexyl)phthalate
Concen: 7.286 ng
RT: 21.263 min Scan# 3090
Delta R.T. 0.006 min
Lab File: BP006087.D
Acq: 28 Jun 2021 20:41



Tgt Ion:149 Resp: 158100
Ion Ratio Lower Upper
149 100
167 32.6 21.9 32.9
279 9.6 4.3 6.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.769 min Scan# 3516
Delta R.T. 0.012 min
Lab File: BP006087.D
Acq: 28 Jun 2021 20:41

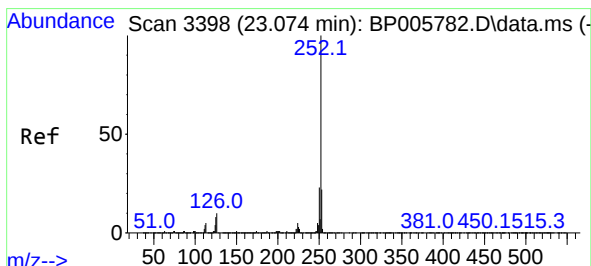
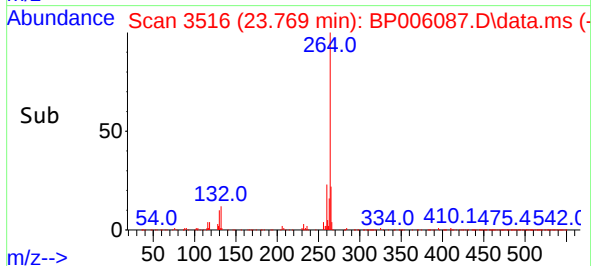
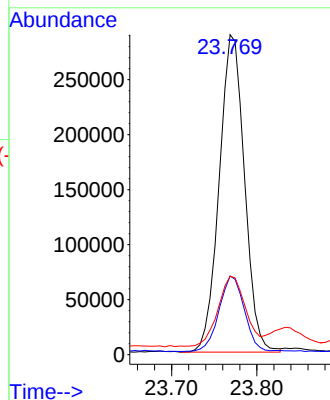
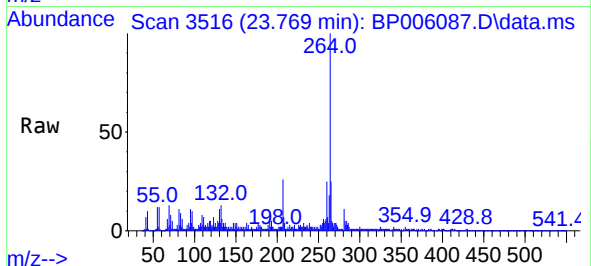
Tgt Ion:	264	Resp:	595578
Ion Ratio	Lower	Upper	
264	100		
260	24.6	18.6	28.0
265	24.5	17.6	26.4

Instrument :
BNA_P
ClientSampleId :
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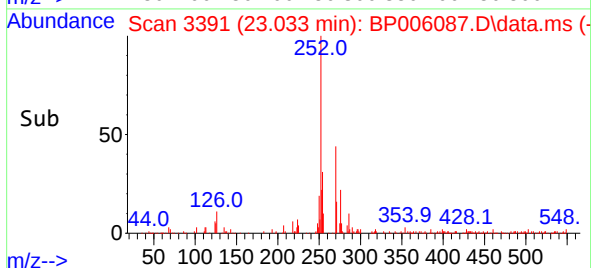
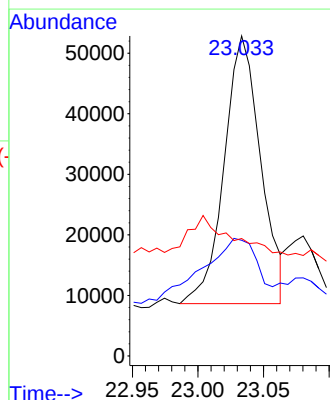
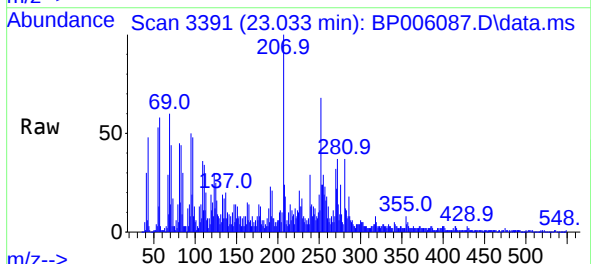
mohammad

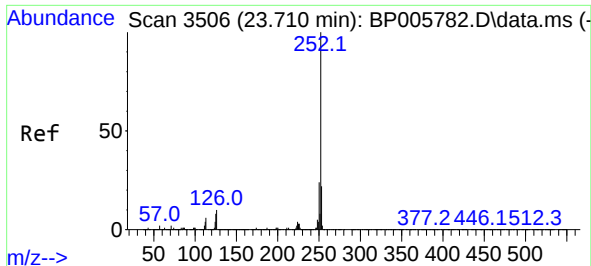
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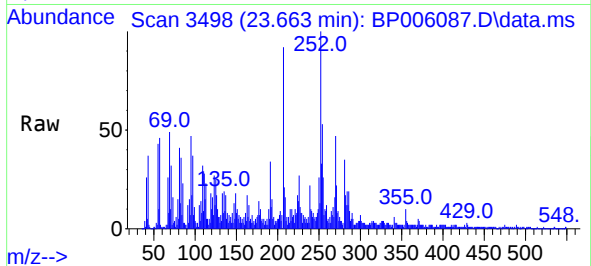
#88
Benzo(b)fluoranthene
Concen: 2.106 ng
RT: 23.033 min Scan# 3391
Delta R.T. 0.012 min
Lab File: BP006087.D
Acq: 28 Jun 2021 20:41

Tgt Ion:	252	Resp:	85928
Ion Ratio	Lower	Upper	
252	100		
253	36.1	17.5	26.3#
125	36.7	6.2	9.4#

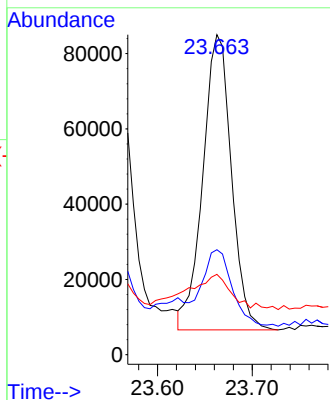
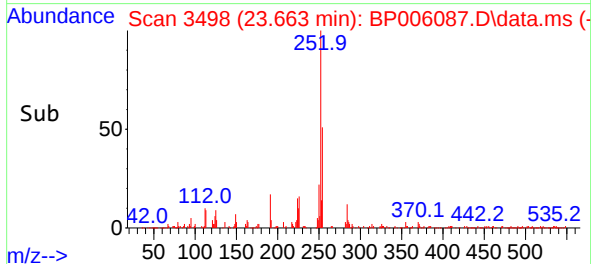




#90
Benzo(a)pyrene
Concen: 4.296 ng
RT: 23.663 min Scan# 3498
Delta R.T. 0.012 min
Lab File: BP006087.D
Acq: 28 Jun 2021 20:41



Tgt Ion:252 Resp: 164760
Ion Ratio Lower Upper
252 100
253 32.8 17.9 26.9#
125 25.1 6.5 9.7#



Instrument :
BNA_P
ClientSampleId :
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