

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070921\
 Data File : BP006167.D
 Acq On : 09 Jul 2021 18:41
 Operator : CG/JU
 Sample : M2969-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB05

Manual Integrations
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mohammad
 7/12/2021 12:37:01 PM

Quant Time: Jul 10 01:12:14 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 07 16:08:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	216867	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	856780	20.000	ng	0.00
39) Acenaphthene-d10	14.510	164	505649	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	961128	20.000	ng	# 0.00
76) Chrysene-d12	21.345	240	911841	20.000	ng	# 0.00
86) Perylene-d12	23.739	264	1038389	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	1076680	85.425	ng	0.00
7) Phenol-d6	7.057	99	1321043	79.240	ng	0.00
23) Nitrobenzene-d5	9.040	82	753283	55.535	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	468467	77.818	ng	0.00
45) 2-Fluorobiphenyl	13.133	172	1729458	50.563	ng	0.00
79) Terphenyl-d14	19.815	244	2437745	52.710	ng	0.00
Target Compounds						
						Qvalue
49) Acenaphthylene	14.233	152	121441	2.582	ng	99
71) Phenanthrene	17.304	178	164013	3.022	ng	97
75) Fluoranthene	19.268	202	544454	9.152	ng	95
78) Pyrene	19.621	202	726954	11.795	ng	99
81) Benzo(a)anthracene	21.327	228	396148	6.869	ng	99
83) Chrysene	21.380	228	379347	6.656	ng	98
87) Indeno(1,2,3-cd)pyrene	26.262	276	236052m	3.083	ng	
88) Benzo(b)fluoranthene	23.009	252	451569	7.169	ng	# 95
89) Benzo(k)fluoranthene	23.051	252	180107m	2.925	ng	
90) Benzo(a)pyrene	23.633	252	346201	5.857	ng	# 93
92) Benzo(g,h,i)perylene	27.033	276	235077	3.623	ng	# 87

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

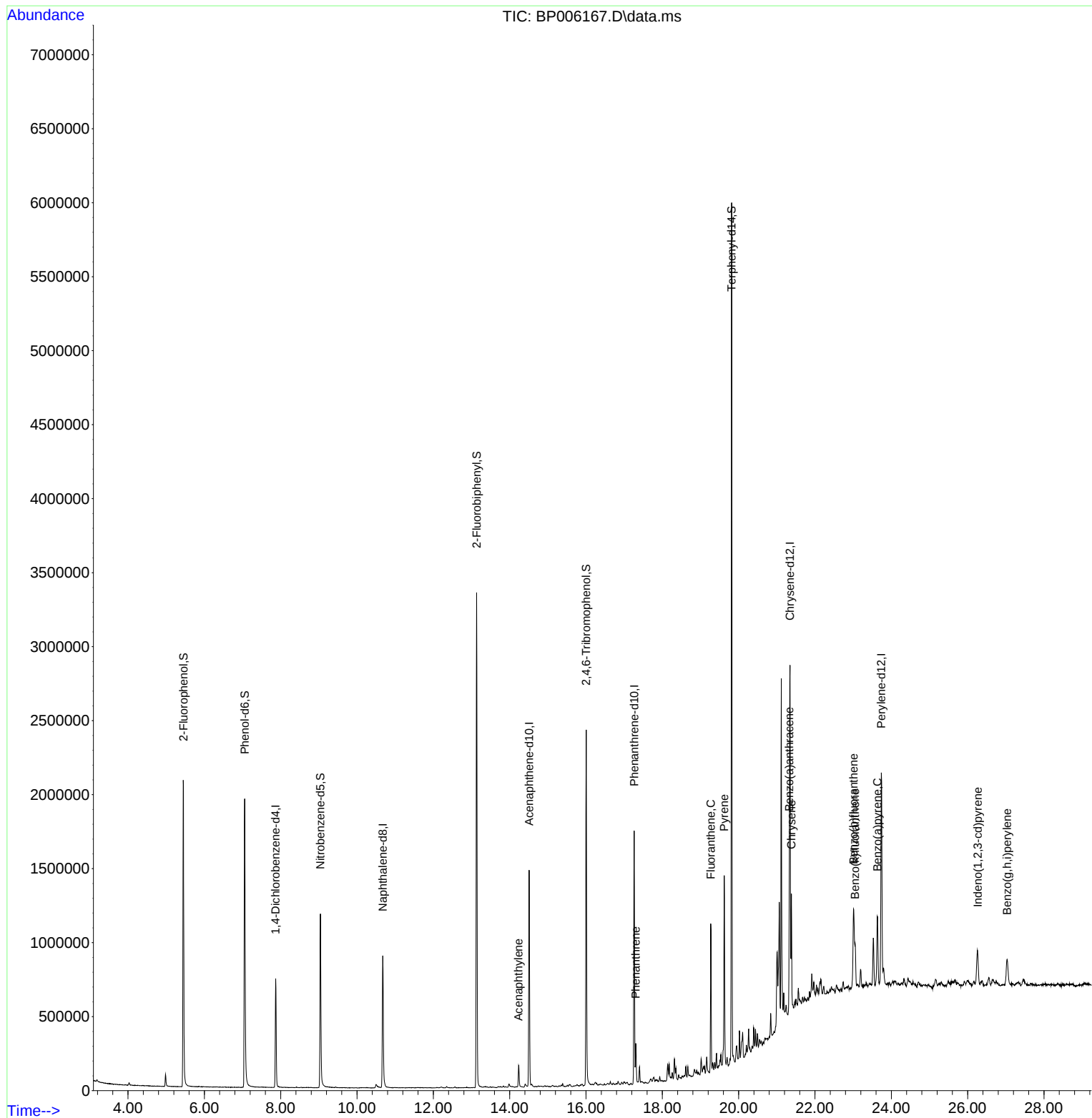
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070921\
Data File : BP006167.D
Acq On : 09 Jul 2021 18:41
Operator : CG/JU
Sample : M2969-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

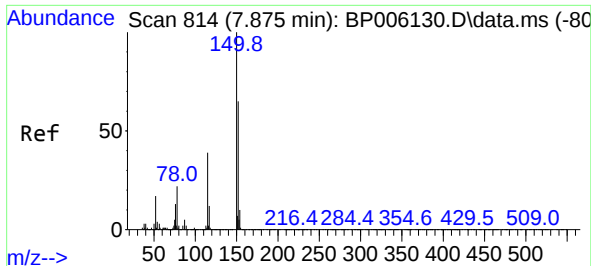
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
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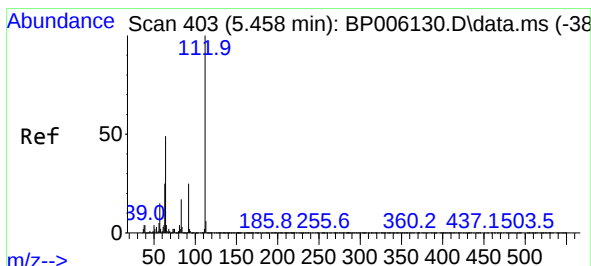
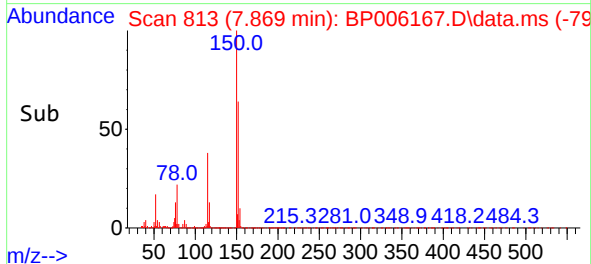
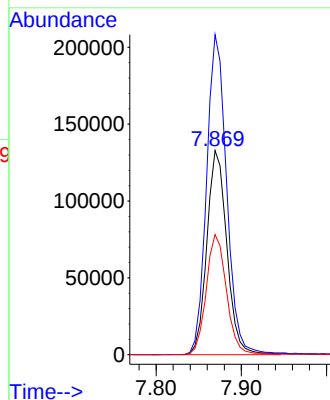
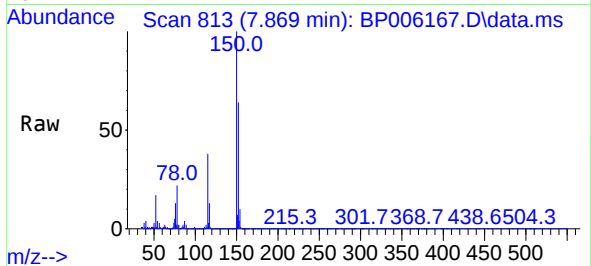
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP006167.D
Acq: 09 Jul 2021 18:41

Tgt Ion:152 Resp: 216867
Ion Ratio Lower Upper
152 100
150 156.7 125.6 188.4
115 58.9 48.5 72.7

Instrument :
BNA_P
ClientSampled :
SB05

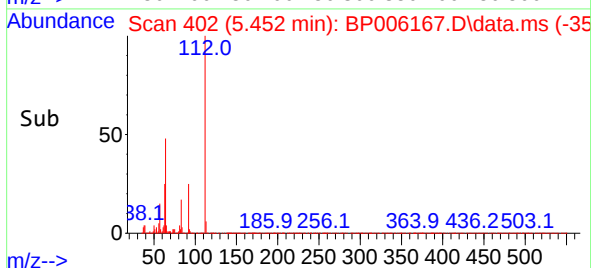
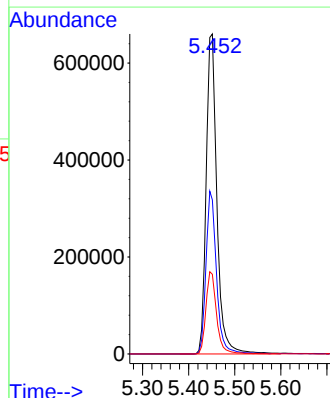
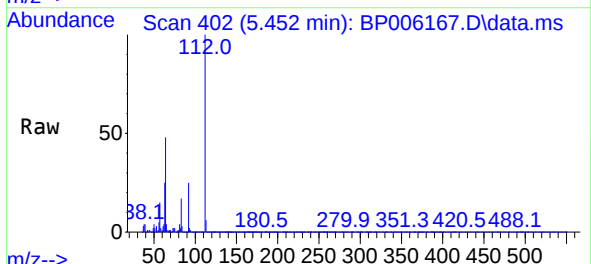
Manual Integrations
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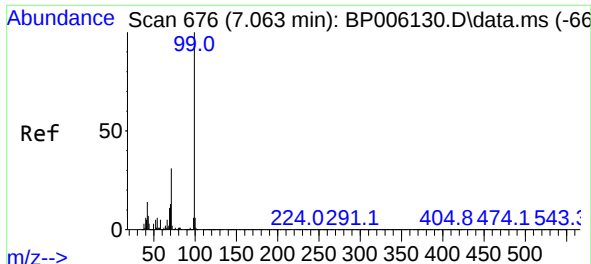
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#5
2-Fluorophenol
Concen: 85.425 ng
RT: 5.452 min Scan# 402
Delta R.T. -0.006 min
Lab File: BP006167.D
Acq: 09 Jul 2021 18:41

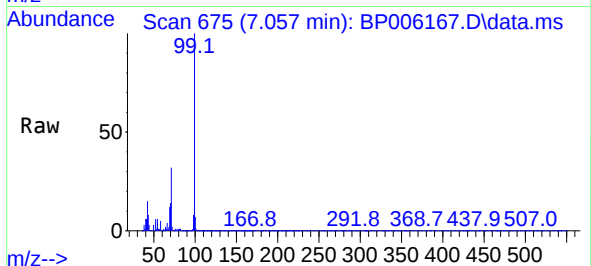
Tgt Ion:112 Resp: 1076680
Ion Ratio Lower Upper
112 100
64 48.2 41.4 62.2
63 24.9 23.8 35.8





#7
Phenol-d6
Concen: 79.240 ng
RT: 7.057 min Scan# 675
Delta R.T. -0.006 min
Lab File: BP006167.D
Acq: 09 Jul 2021 18:41

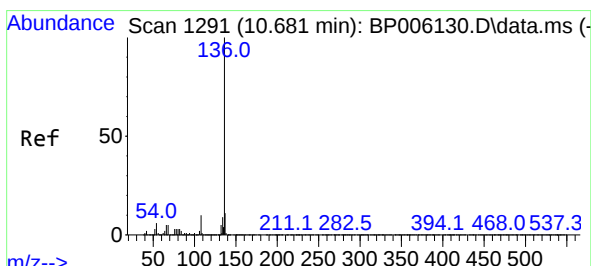
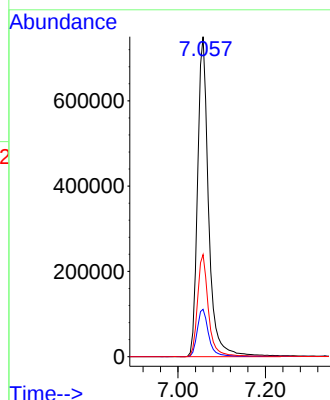
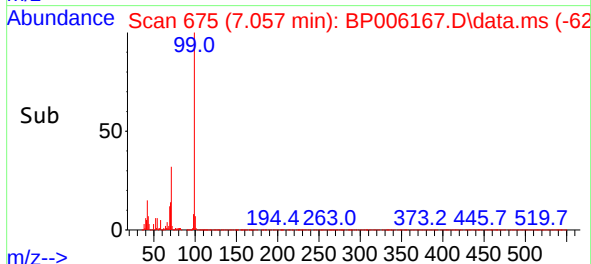
Instrument :
BNA_P
ClientSampled :
SB05



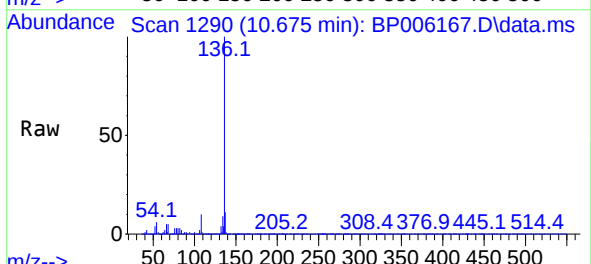
Tgt Ion: 99 Resp: 1321043
Ion Ratio Lower Upper
99 100
42 14.8 13.4 20.0
71 31.9 30.6 46.0

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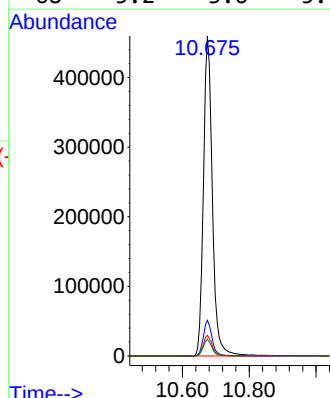
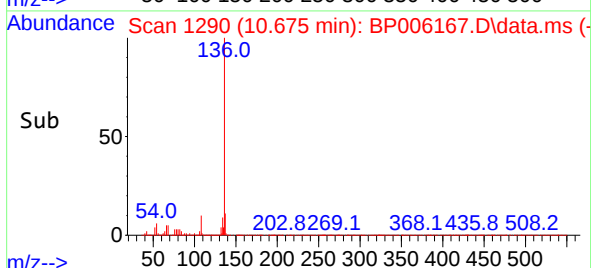
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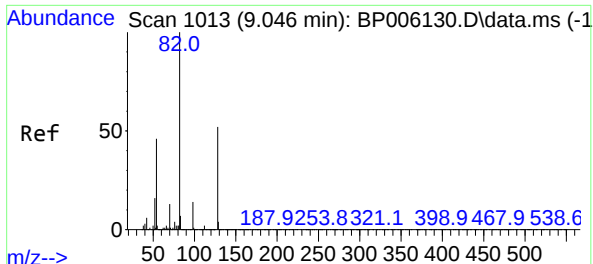


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BP006167.D
Acq: 09 Jul 2021 18:41



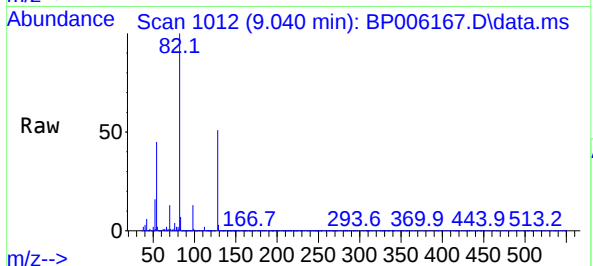
Tgt Ion: 136 Resp: 856780
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 6.5 4.6 6.8
68 5.2 3.6 5.4





#23
Nitrobenzene-d5
Concen: 55.535 ng
RT: 9.040 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BP006167.D
Acq: 09 Jul 2021 18:41

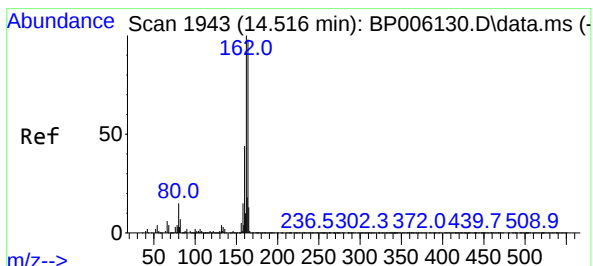
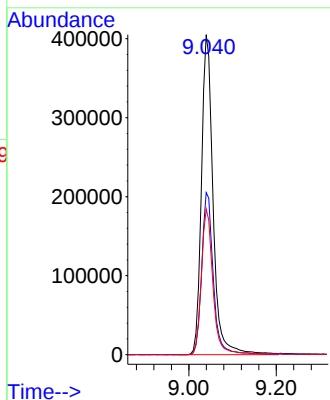
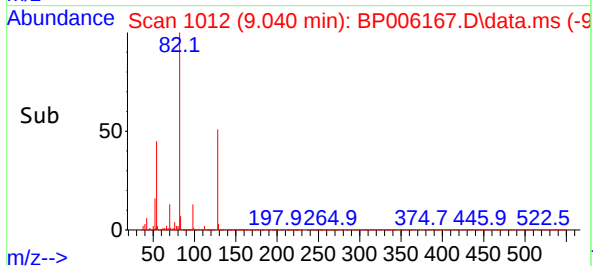
Instrument :
BNA_P
ClientSampled :
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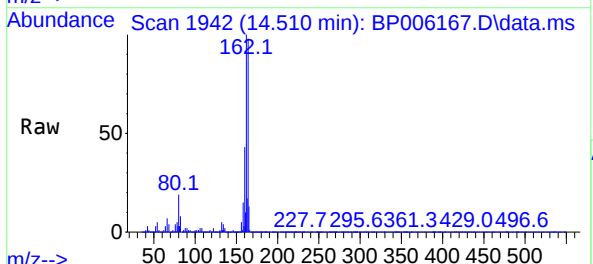
Tgt Ion: 82 Resp: 753283
Ion Ratio Lower Upper
82 100
128 50.7 35.7 53.5
54 45.5 35.0 52.4

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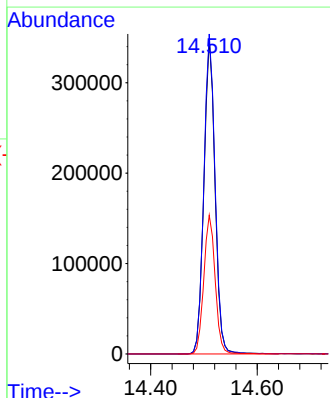
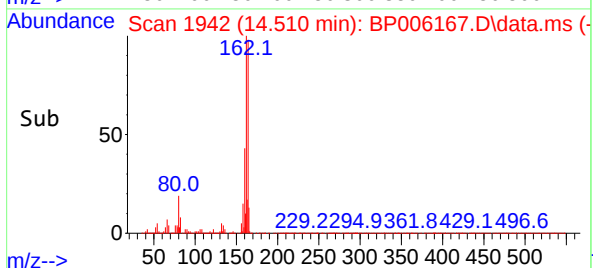
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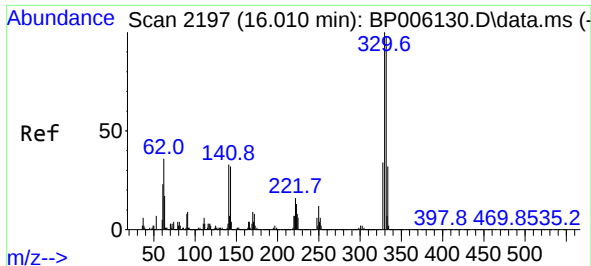


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BP006167.D
Acq: 09 Jul 2021 18:41



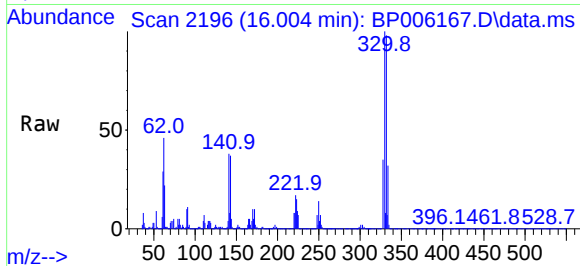
Tgt Ion: 164 Resp: 505649
Ion Ratio Lower Upper
164 100
162 101.6 80.2 120.2
160 44.0 34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 77.818 ng
RT: 16.004 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BP006167.D
Acq: 09 Jul 2021 18:41

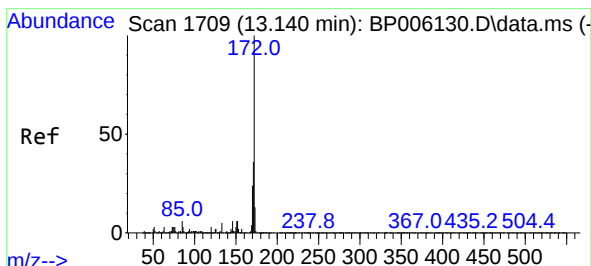
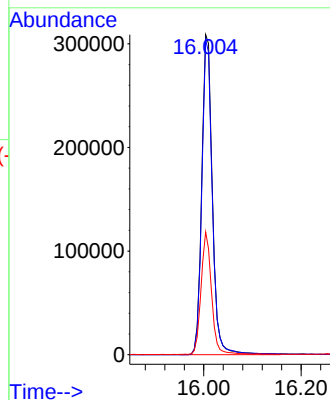
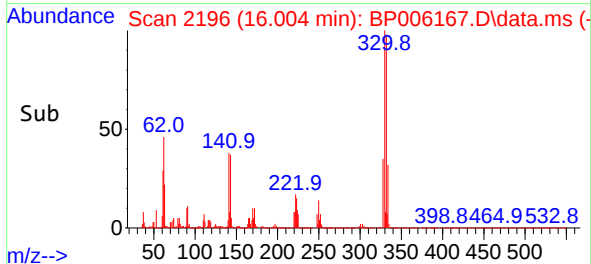
Instrument :
BNA_P
ClientSampled :
SB05



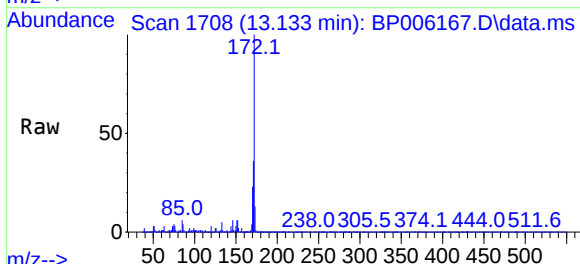
Tgt Ion:330 Resp: 468467
Ion Ratio Lower Upper
330 100
332 97.4 77.8 116.8
141 37.7 25.4 38.2

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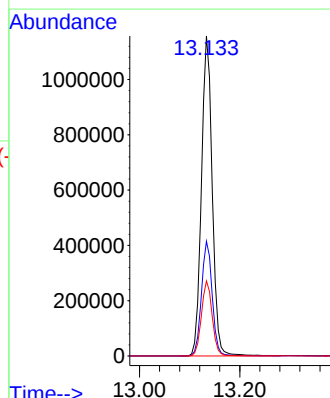
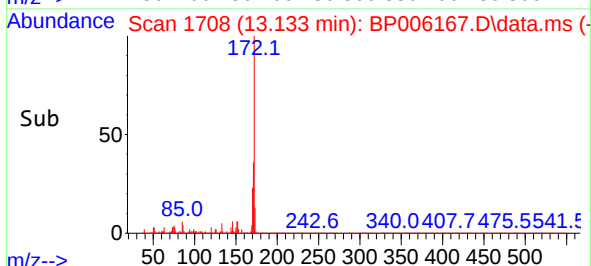
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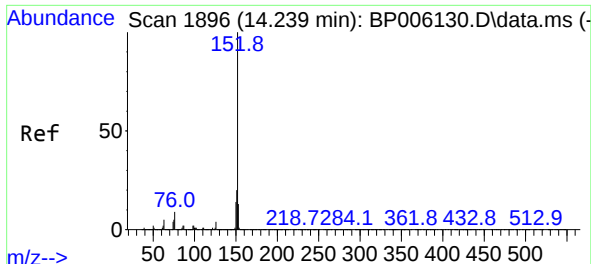


#45
2-Fluorobiphenyl
Concen: 50.563 ng
RT: 13.133 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP006167.D
Acq: 09 Jul 2021 18:41



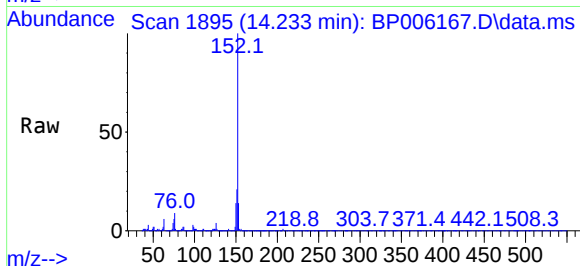
Tgt Ion:172 Resp: 1729458
Ion Ratio Lower Upper
172 100
171 35.9 27.9 41.9
170 23.4 18.6 27.8





#49
Acenaphthylene
Concen: 2.582 ng
RT: 14.233 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BP006167.D
Acq: 09 Jul 2021 18:41

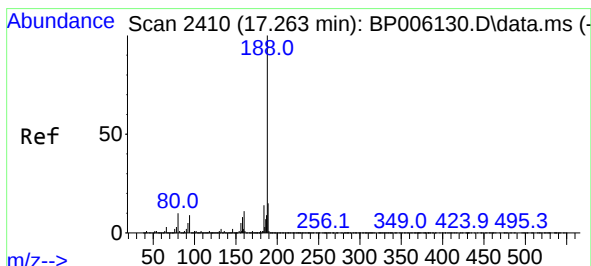
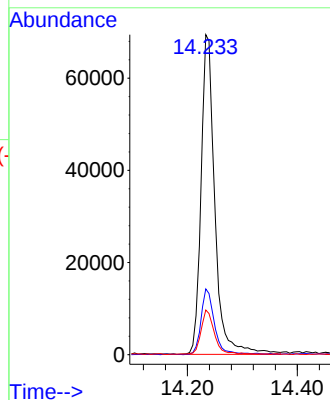
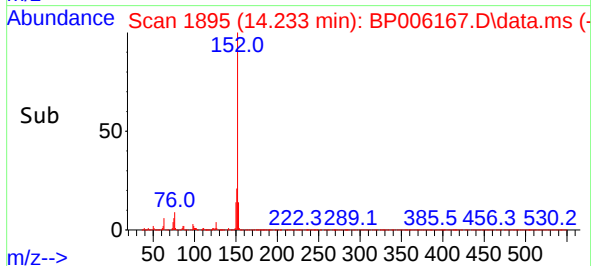
Instrument :
BNA_P
ClientSampled :
SB05



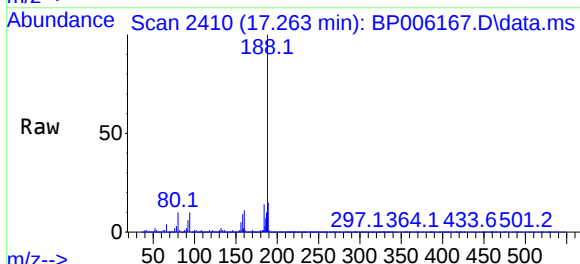
Tgt Ion:152 Resp: 121441
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.2
153 13.9 10.6 16.0

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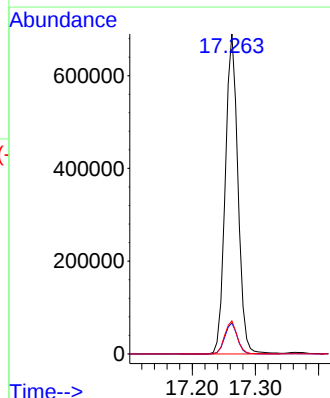
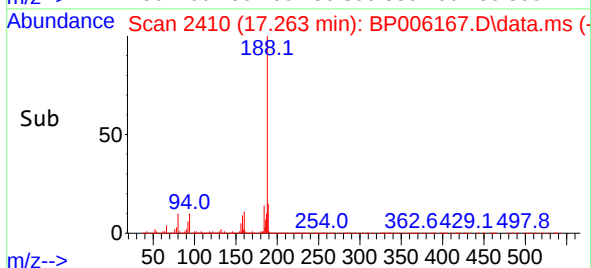
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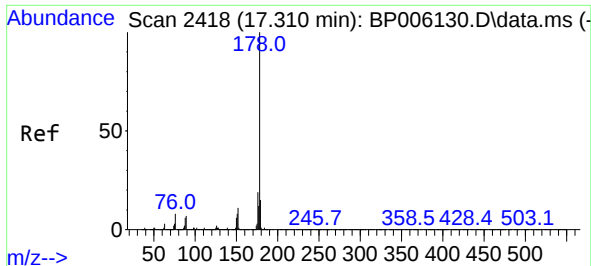


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BP006167.D
Acq: 09 Jul 2021 18:41



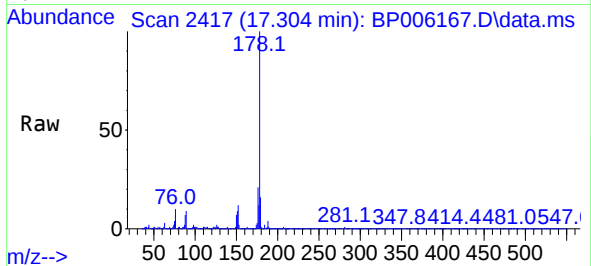
Tgt Ion:188 Resp: 961128
Ion Ratio Lower Upper
188 100
94 9.7 5.6 8.4#
80 10.4 6.3 9.5#





#71
Phenanthrene
Concen: 3.022 ng
RT: 17.304 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BP006167.D
Acq: 09 Jul 2021 18:41

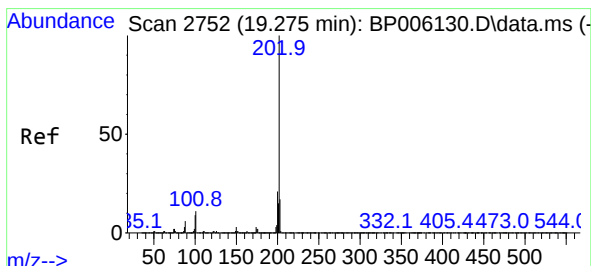
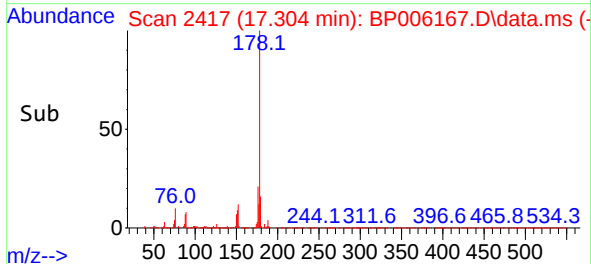
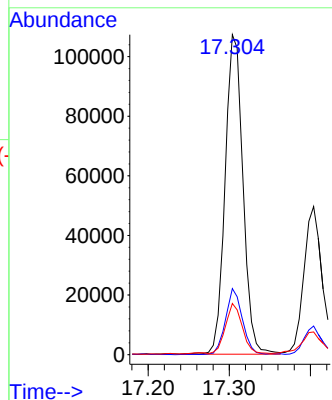
Instrument :
BNA_P
ClientSampled :
SB05



Tgt Ion:178 Resp: 164013
Ion Ratio Lower Upper
178 100
176 20.7 15.1 22.7
179 16.0 12.4 18.6

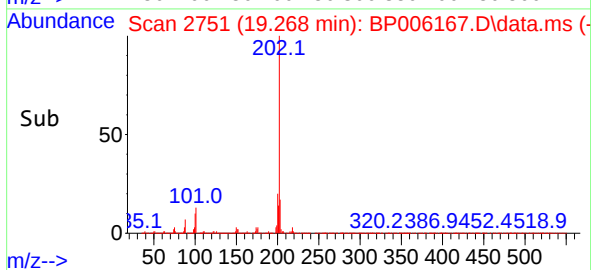
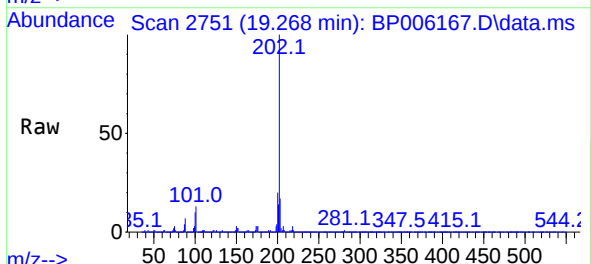
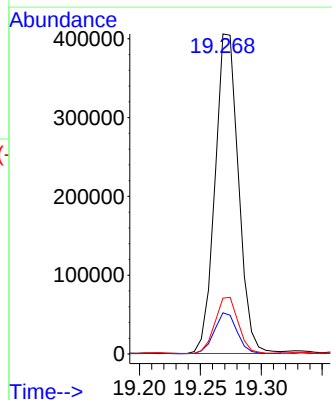
Manual Integrations
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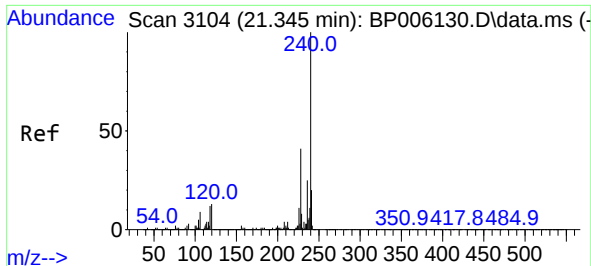
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7/12/2021 12:37:01 PM



#75
Fluoranthene
Concen: 9.152 ng
RT: 19.268 min Scan# 2751
Delta R.T. -0.006 min
Lab File: BP006167.D
Acq: 09 Jul 2021 18:41

Tgt Ion:202 Resp: 544454
Ion Ratio Lower Upper
202 100
101 12.9 0.0 27.6
203 17.5 0.0 37.8





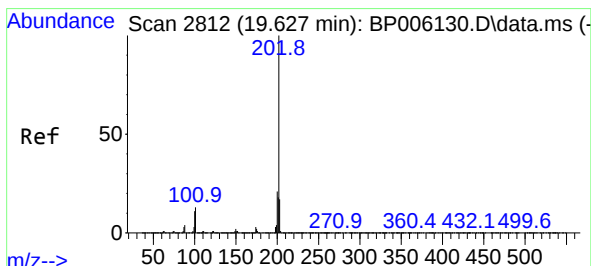
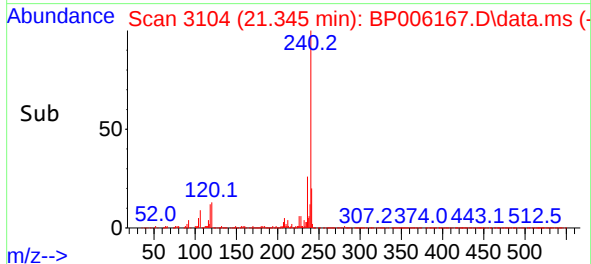
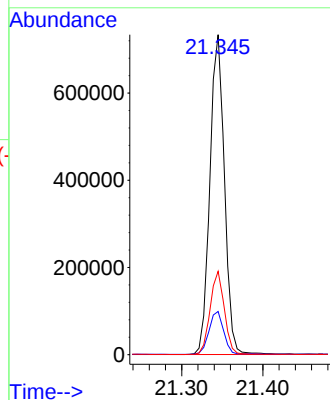
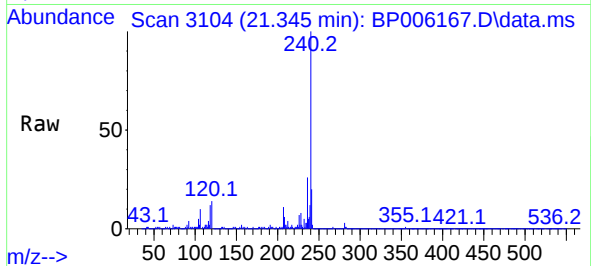
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3104
Delta R.T. -0.000 min
Lab File: BP006167.D
Acq: 09 Jul 2021 18:41

Tgt Ion:240 Resp: 911841
Ion Ratio Lower Upper
240 100
120 13.5 6.5 9.7#
236 26.0 20.6 31.0

Instrument :
BNA_P
ClientSampleId :
SB05

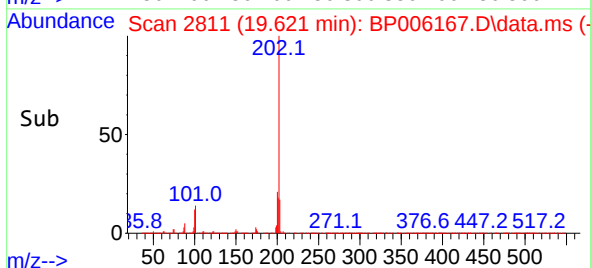
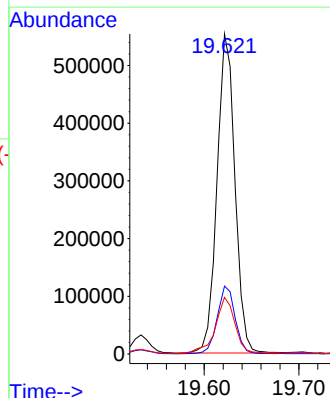
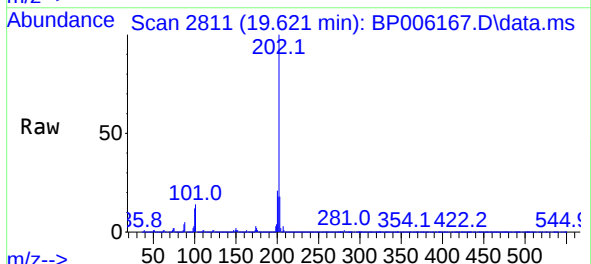
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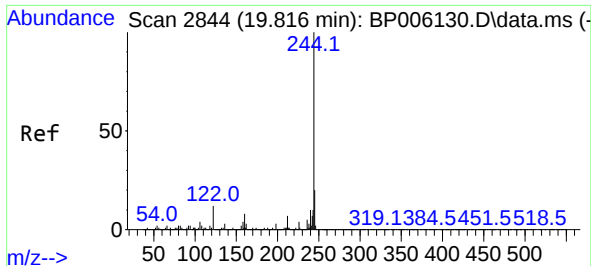
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#78
Pyrene
Concen: 11.795 ng
RT: 19.621 min Scan# 2811
Delta R.T. -0.006 min
Lab File: BP006167.D
Acq: 09 Jul 2021 18:41

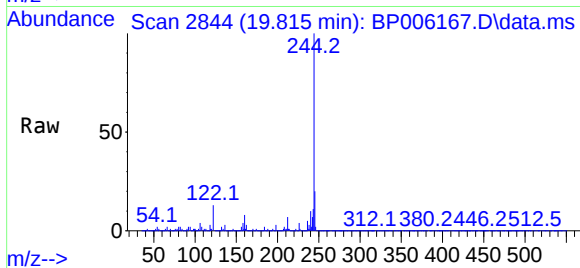
Tgt Ion:202 Resp: 726954
Ion Ratio Lower Upper
202 100
200 21.2 16.3 24.5
203 17.7 14.2 21.2





#79
Terphenyl-d14
Concen: 52.710 ng
RT: 19.815 min Scan# 2844
Delta R.T. -0.000 min
Lab File: BP006167.D
Acq: 09 Jul 2021 18:41

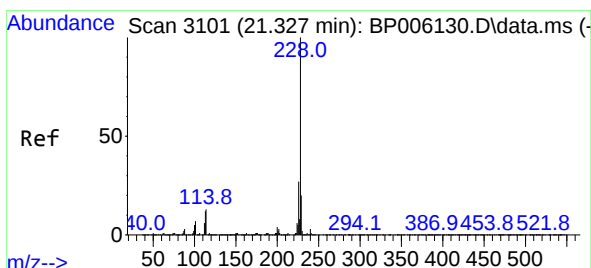
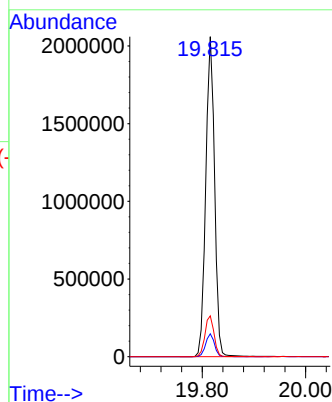
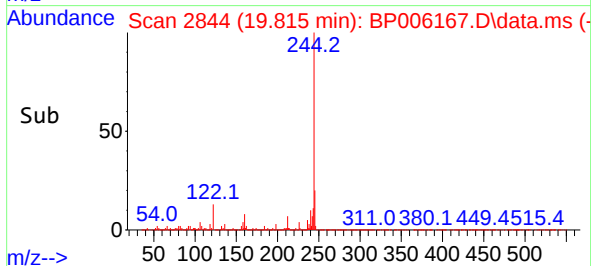
Instrument :
BNA_P
ClientSampleId :
SB05



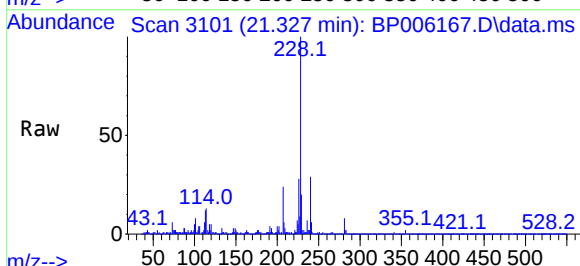
Tgt Ion:244 Resp: 2437745
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 12.7 7.1 10.7#

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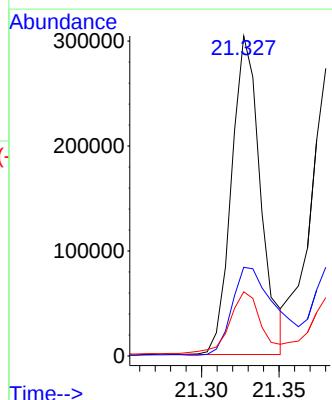
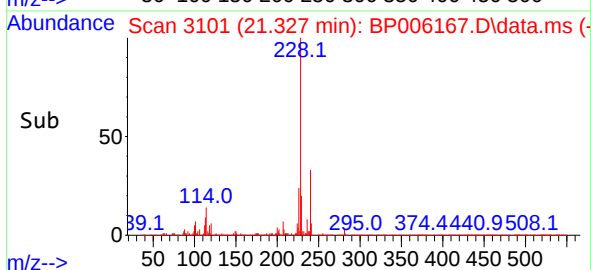
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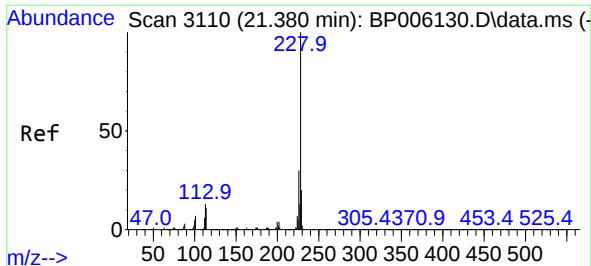


#81
Benzo(a)anthracene
Concen: 6.869 ng
RT: 21.327 min Scan# 3101
Delta R.T. -0.000 min
Lab File: BP006167.D
Acq: 09 Jul 2021 18:41



Tgt Ion:228 Resp: 396148
Ion Ratio Lower Upper
228 100
226 27.7 21.6 32.4
229 20.0 15.8 23.6





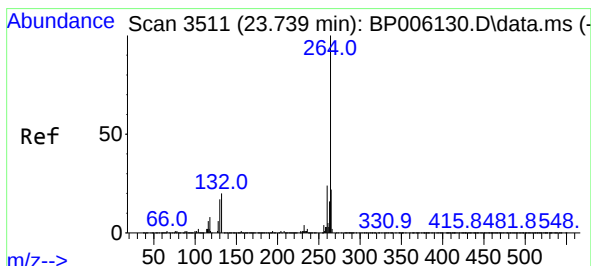
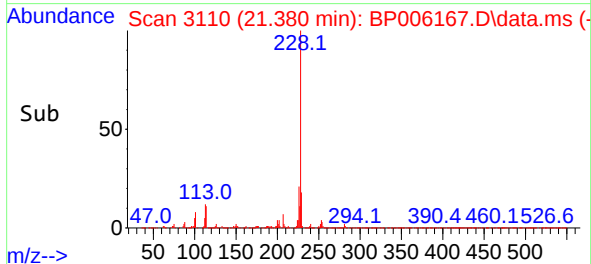
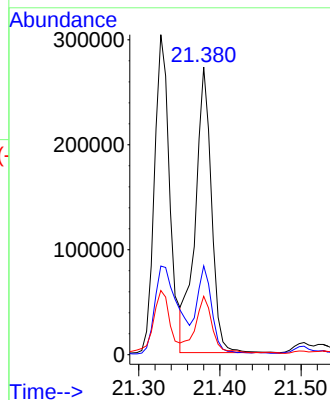
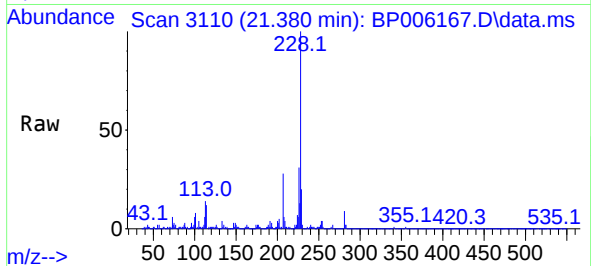
#83
Chrysene
Concen: 6.656 ng
RT: 21.380 min Scan# 3110
Delta R.T. -0.000 min
Lab File: BP006167.D
Acq: 09 Jul 2021 18:41

Tgt Ion: 228 Resp: 379347
Ion Ratio Lower Upper
228 100
226 30.8 23.8 35.6
229 20.3 15.4 23.2

Instrument :
BNA_P
ClientSampled :
SB05

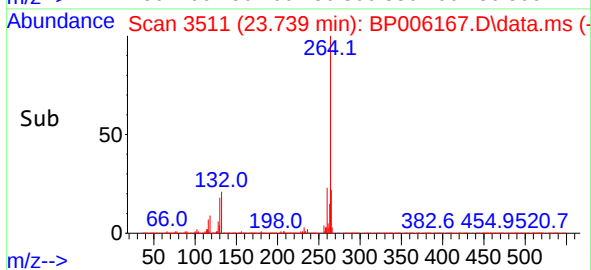
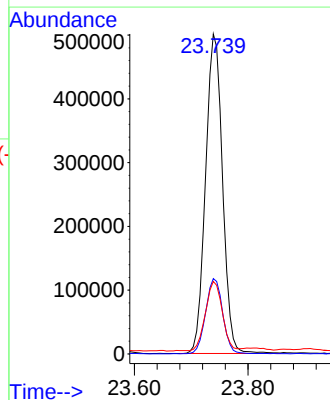
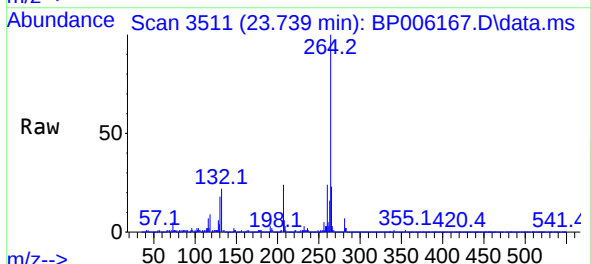
Manual Integrations
APPROVED

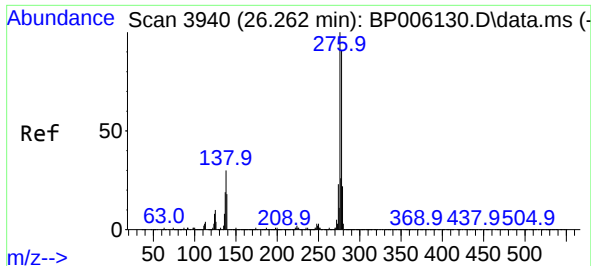
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.739 min Scan# 3511
Delta R.T. -0.000 min
Lab File: BP006167.D
Acq: 09 Jul 2021 18:41

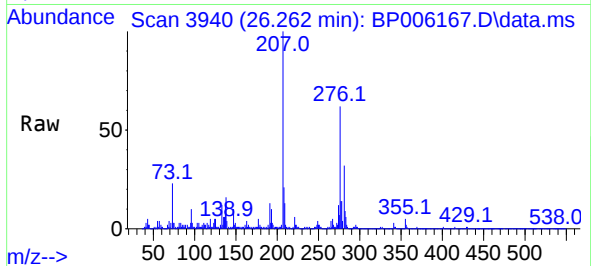
Tgt Ion: 264 Resp: 1038389
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 22.6 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 3.083 ng m
RT: 26.262 min Scan# 3940
Delta R.T. -0.000 min
Lab File: BP006167.D
Acq: 09 Jul 2021 18:41

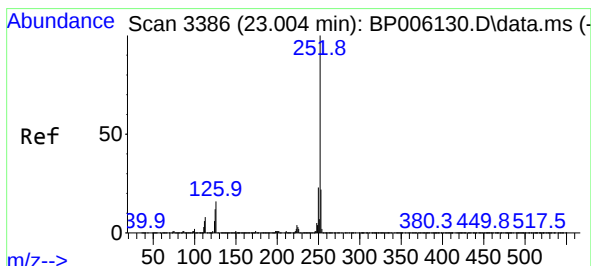
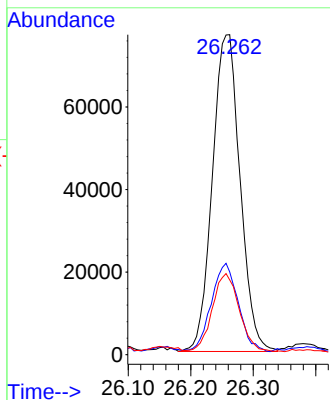
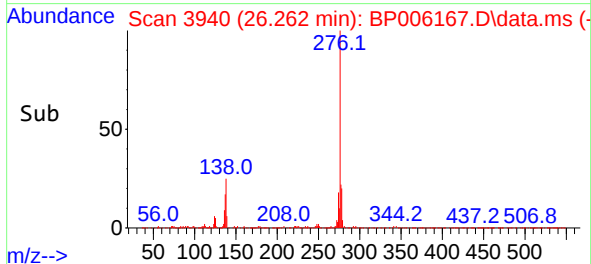
Instrument :
BNA_P
ClientSampleId :
SB05



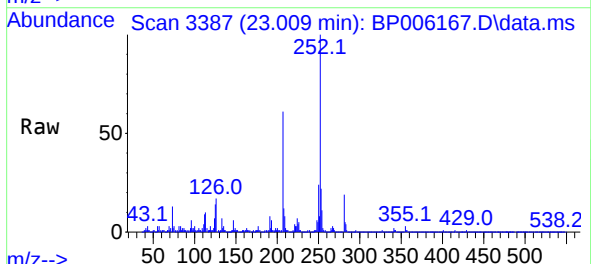
Tgt Ion:276 Resp: 236052
Ion Ratio Lower Upper
276 100
138 1.8 15.3 22.9#
277 2.0 20.4 30.6#

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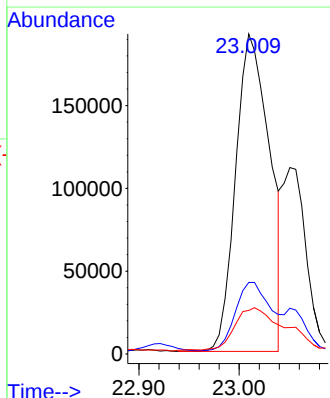
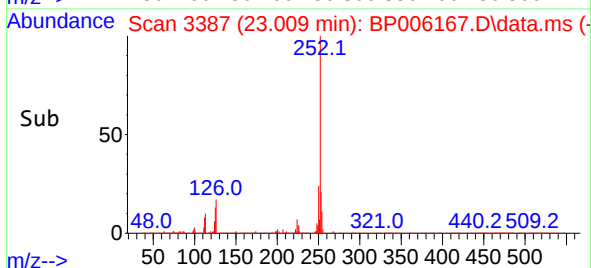
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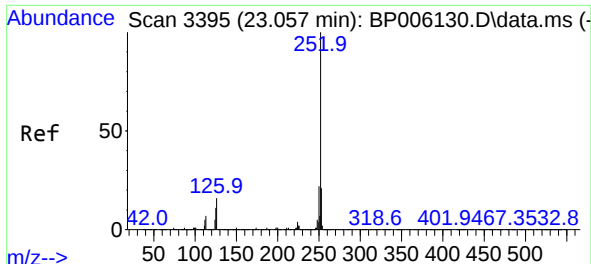


#88
Benzo(b)fluoranthene
Concen: 7.169 ng
RT: 23.009 min Scan# 3387
Delta R.T. 0.006 min
Lab File: BP006167.D
Acq: 09 Jul 2021 18:41



Tgt Ion:252 Resp: 451569
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 13.6 6.2 9.4#





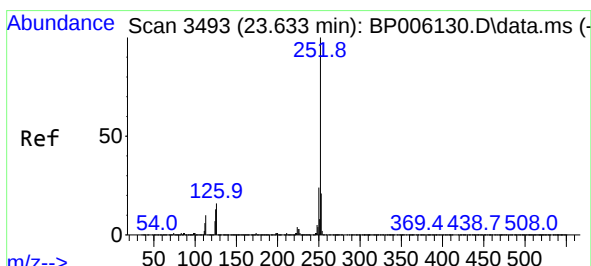
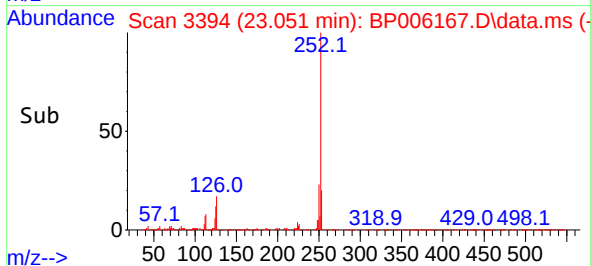
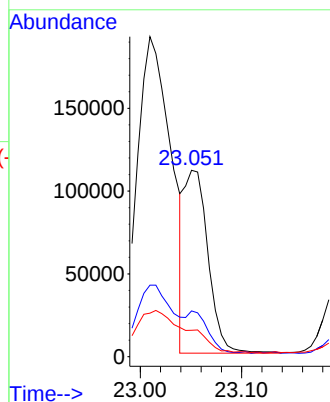
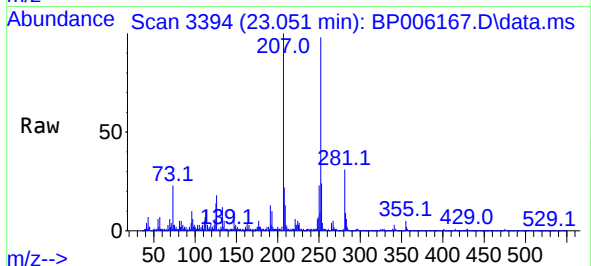
#89
Benzo(k)fluoranthene
Concen: 2.925 ng m
RT: 23.051 min Scan# 3394
Delta R.T. -0.006 min
Lab File: BP006167.D
Acq: 09 Jul 2021 18:41

Instrument :
BNA_P
ClientSampled :
SB05

Tgt Ion:252 Resp: 180107
Ion Ratio Lower Upper
252 100
253 24.6 17.6 26.4
125 14.2 6.0 9.0#

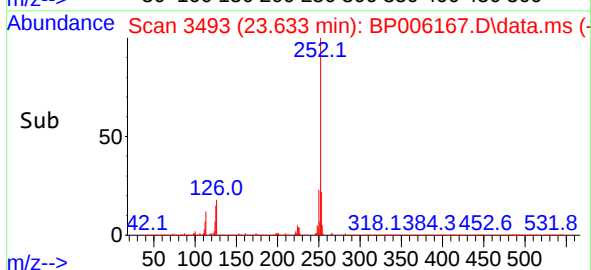
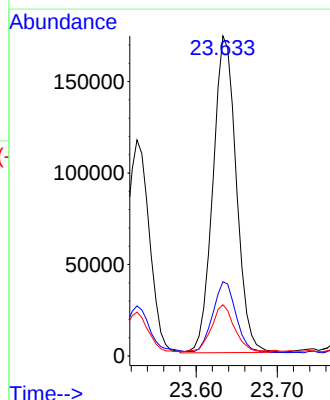
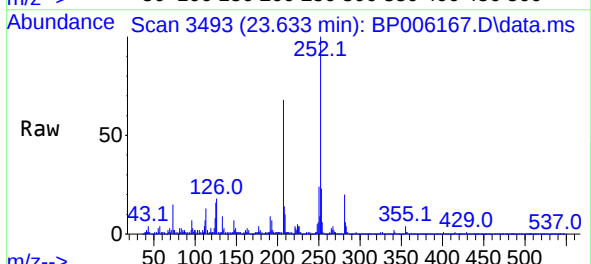
Manual Integrations
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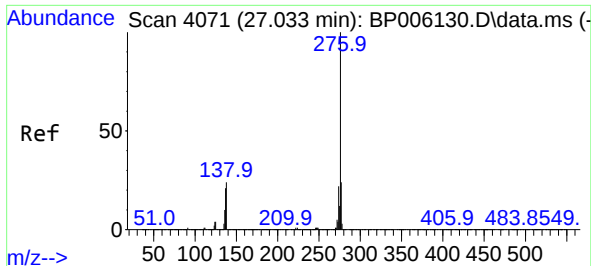
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#90
Benzo(a)pyrene
Concen: 5.857 ng
RT: 23.633 min Scan# 3493
Delta R.T. -0.000 min
Lab File: BP006167.D
Acq: 09 Jul 2021 18:41

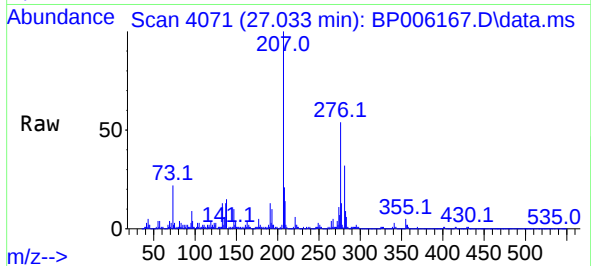
Tgt Ion:252 Resp: 346201
Ion Ratio Lower Upper
252 100
253 23.2 17.9 26.9
125 16.0 6.5 9.7#





#92
Benzo(g,h,i)perylene
Concen: 3.623 ng
RT: 27.033 min Scan# 4071
Delta R.T. -0.000 min
Lab File: BP006167.D
Acq: 09 Jul 2021 18:41

Instrument :
BNA_P
ClientSampleId :
SB05



Tgt Ion: 276 Resp: 235077
Ion Ratio Lower Upper
276 100
277 24.9 18.9 28.3
138 27.5 12.6 18.8#

Manual Integrations
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mohammad
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