

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092921\
 Data File : BP007262.D
 Acq On : 30 Sep 2021 00:25
 Operator : CG/JU
 Sample : M3964-15 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CC-15

Manual Integrations
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Quant Time: Sep 30 02:45:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 29 14:45:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	167945	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	677217	20.000	ng	# 0.00
39) Acenaphthene-d10	14.510	164	456819	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	979754	20.000	ng	0.00
76) Chrysene-d12	21.357	240	1083507	20.000	ng	0.00
86) Perylene-d12	23.769	264	1027551	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.464	112	103194	10.286	ng	0.01
7) Phenol-d6	7.069	99	105631	7.703	ng	0.02
23) Nitrobenzene-d5	9.040	82	64542	5.550	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	41910	7.076	ng	0.00
45) 2-Fluorobiphenyl	13.134	172	188771	5.920	ng	0.00
79) Terphenyl-d14	19.822	244	337017	5.960	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.728	128	556581	16.104	ng	99
37) 2-Methylnaphthalene	12.340	142	127285	5.259	ng	95
38) 1-Methylnaphthalene	12.557	142	79733	3.372	ng	97
52) Acenaphthene	14.575	154	323344	13.164	ng	99
55) Dibenzofuran	14.910	168	382929	9.344	ng	95
58) Fluorene	15.563	166	525341	16.594	ng	100
71) Phenanthrene	17.310	178	6301089	119.944	ng	98
72) Anthracene	17.398	178	1865550	36.301	ng	99
73) Carbazole	17.669	167	985230	19.564	ng	99
75) Fluoranthene	19.286	202	9840785	162.590	ng	98
78) Pyrene	19.634	202	9557262	134.443	ng	95
81) Benzo(a)anthracene	21.339	228	5707223	81.149	ng	96
83) Chrysene	21.392	228	5112194m	76.055	ng	
87) Indeno(1,2,3-cd)pyrene	26.304	276	2846692	38.549	ng	97
88) Benzo(b)fluoranthene	23.039	252	5538526	90.192	ng	98
89) Benzo(k)fluoranthene	23.080	252	1820247m	29.276	ng	
90) Benzo(a)pyrene	23.669	252	4372617	83.812	ng	98
91) Dibenzo(a,h)anthracene	26.304	278	731827	11.826	ng	# 84
92) Benzo(g,h,i)perylene	27.086	276	2850125	47.194	ng	98

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

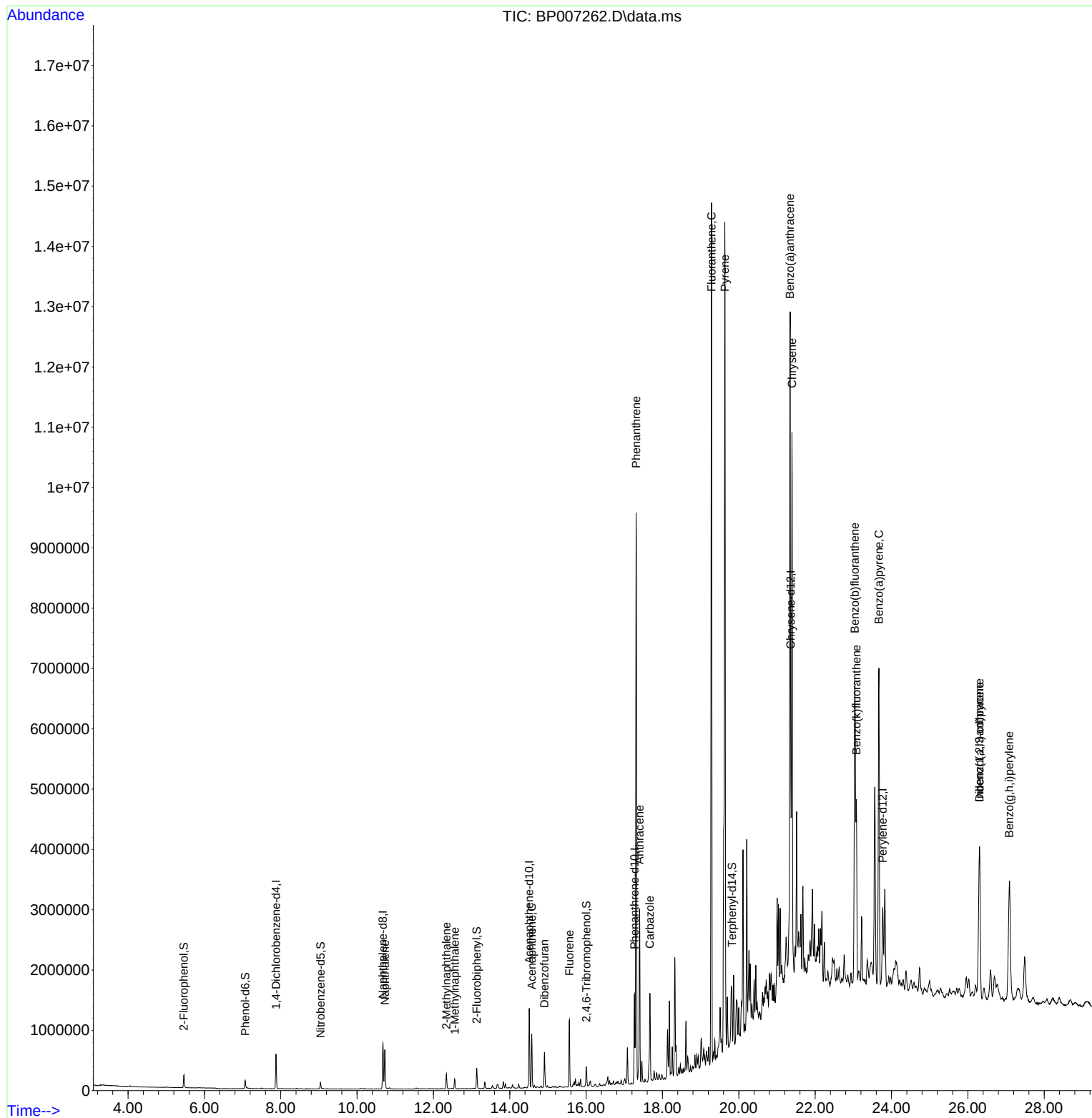
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092921\
Data File : BP007262.D
Acq On : 30 Sep 2021 00:25
Operator : CG/JU
Sample : M3964-15 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

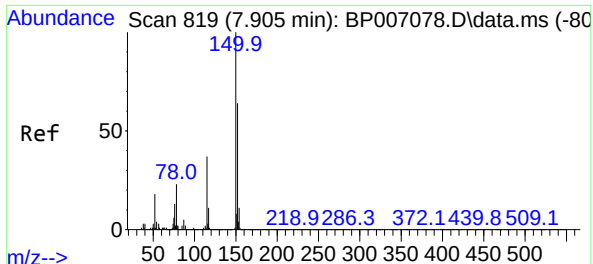
Instrument :
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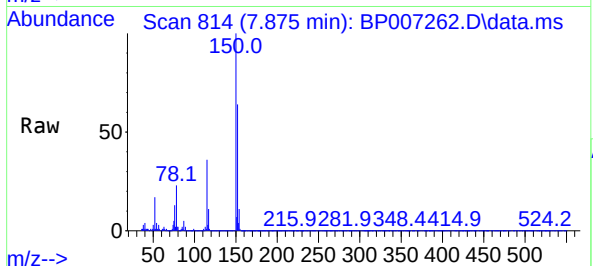
Quant Time: Sep 30 02:45:17 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 29 14:45:49 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 814
Delta R.T. 0.000 min
Lab File: BP007262.D
Acq: 30 Sep 2021 00:25

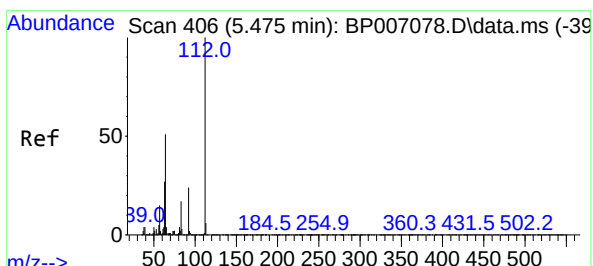
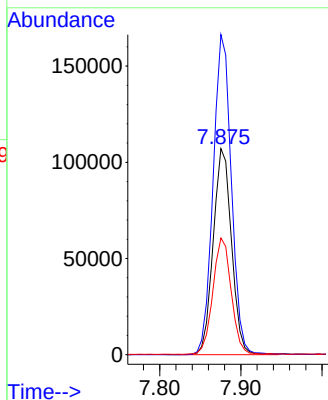
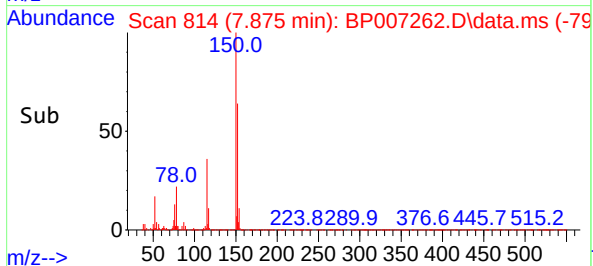
Instrument :
BNA_P
ClientSampleId :
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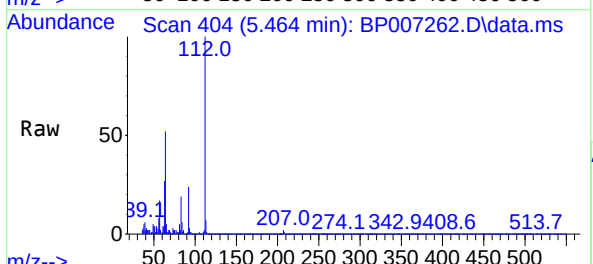
Tgt Ion:152 Resp: 167945
Ion Ratio Lower Upper
152 100
150 155.3 125.6 188.4
115 56.6 48.5 72.7

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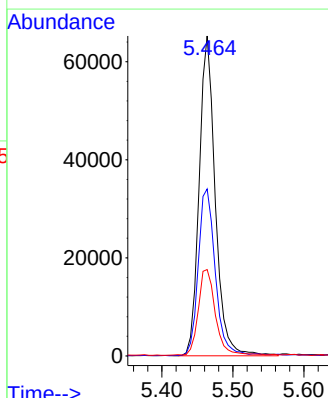
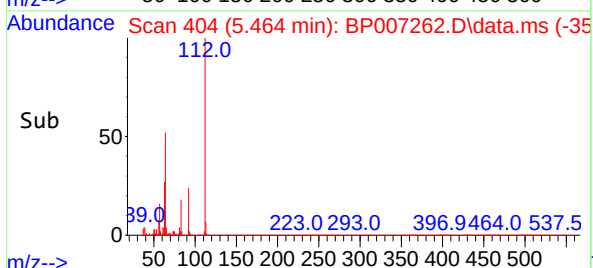
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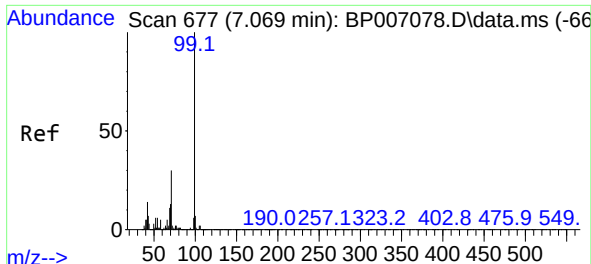


#5
2-Fluorophenol
Concen: 10.286 ng
RT: 5.464 min Scan# 404
Delta R.T. 0.012 min
Lab File: BP007262.D
Acq: 30 Sep 2021 00:25



Tgt Ion:112 Resp: 103194
Ion Ratio Lower Upper
112 100
64 52.2 41.4 62.2
63 27.0 23.8 35.8





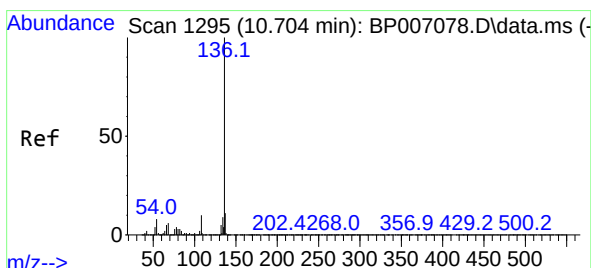
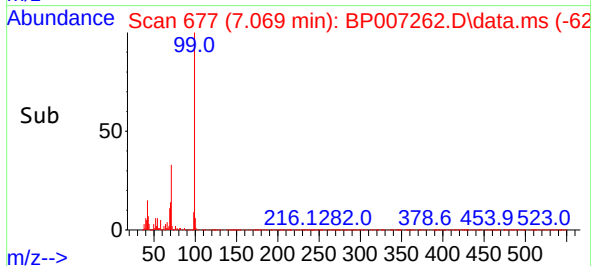
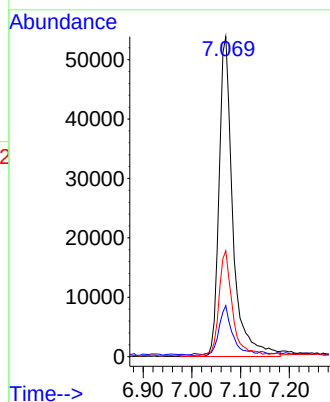
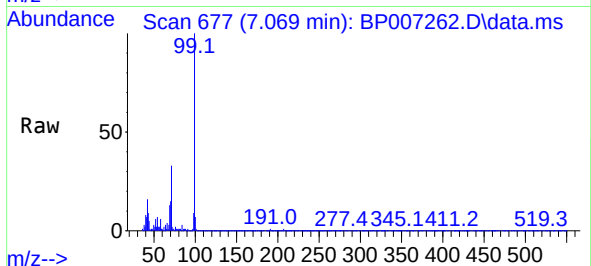
#7
Phenol-d6
Concen: 7.703 ng
RT: 7.069 min Scan# 677
Delta R.T. 0.018 min
Lab File: BP007262.D
Acq: 30 Sep 2021 00:25

Instrument :
BNA_P
ClientSampled :
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Tgt Ion: 99 Resp: 105631
Ion Ratio Lower Upper
99 100
42 16.0 13.4 20.0
71 33.1 30.6 46.0

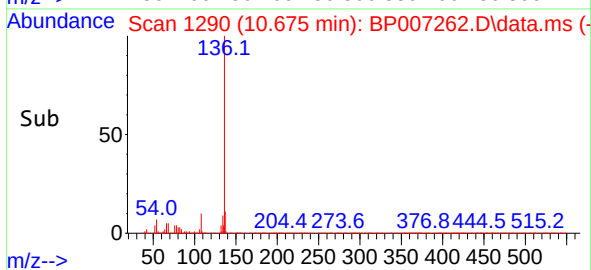
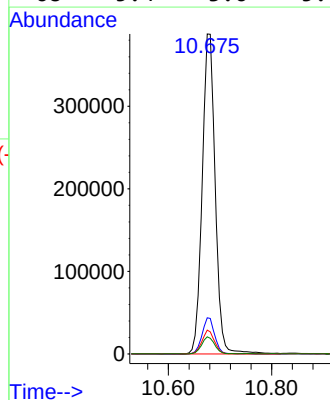
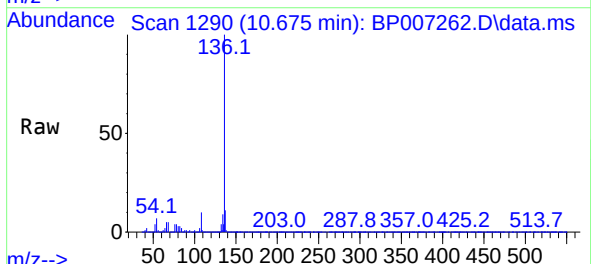
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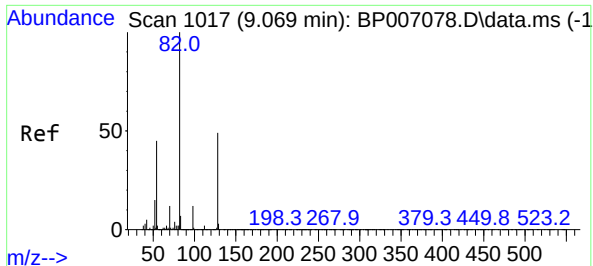
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1290
Delta R.T. 0.000 min
Lab File: BP007262.D
Acq: 30 Sep 2021 00:25

Tgt Ion: 136 Resp: 677217
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 7.5 4.6 6.8#
68 5.4 3.6 5.4





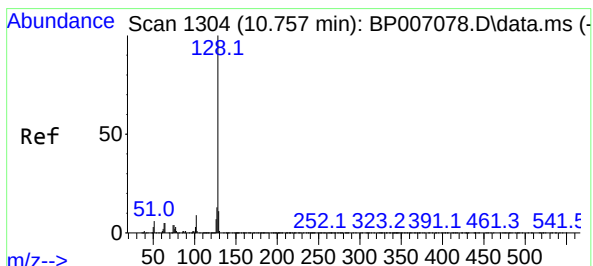
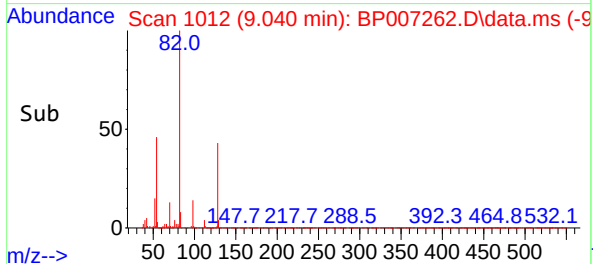
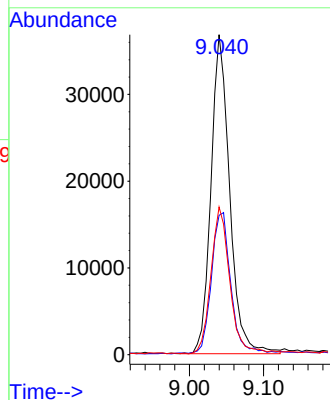
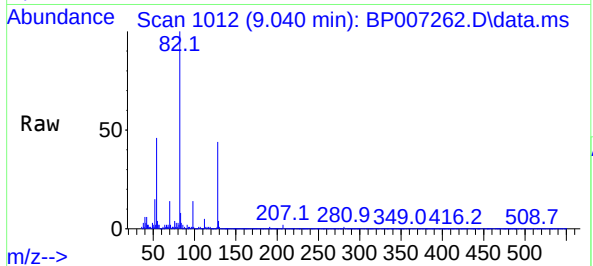
#23
Nitrobenzene-d5
Concen: 5.550 ng
RT: 9.040 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BP007262.D
Acq: 30 Sep 2021 00:25

Tgt Ion: 82 Resp: 64542
Ion Ratio Lower Upper
82 100
128 43.5 35.7 53.5
54 46.2 35.0 52.4

Instrument :
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ClientSampled :
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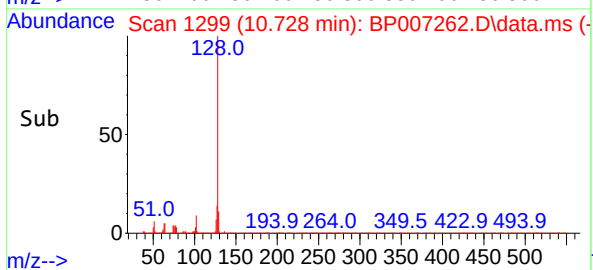
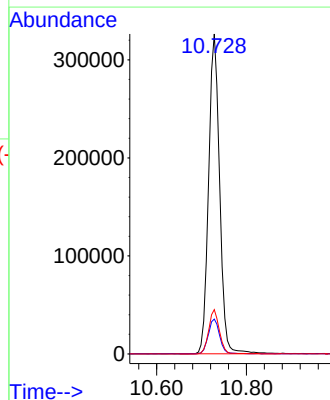
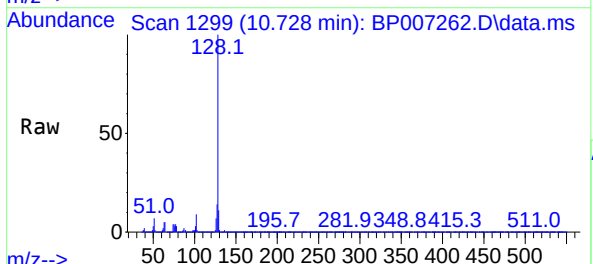
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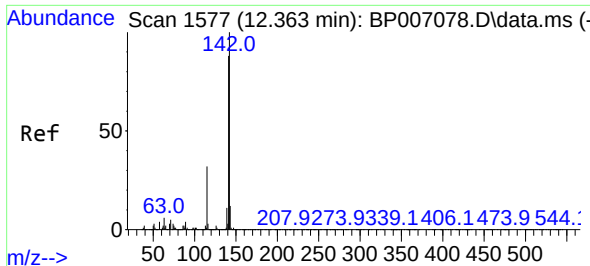
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#31
Naphthalene
Concen: 16.104 ng
RT: 10.728 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BP007262.D
Acq: 30 Sep 2021 00:25

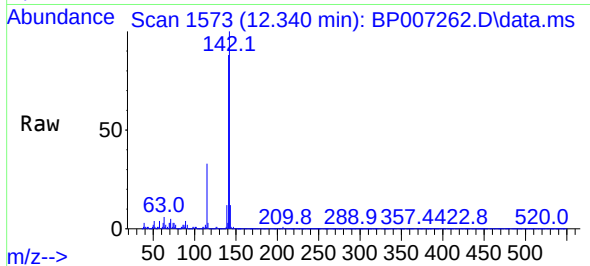
Tgt Ion: 128 Resp: 556581
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.9 10.7 16.1





#37
2-Methylnaphthalene
Concen: 5.259 ng
RT: 12.340 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BP007262.D
Acq: 30 Sep 2021 00:25

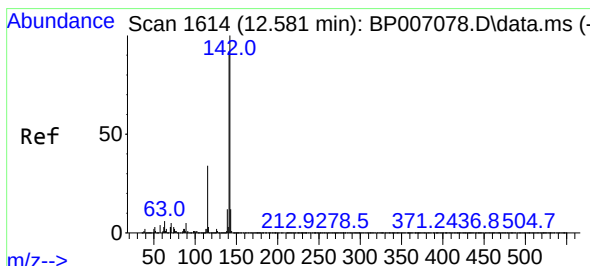
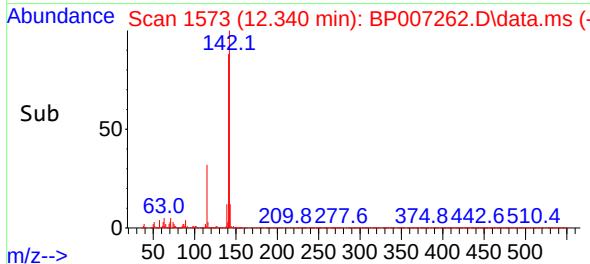
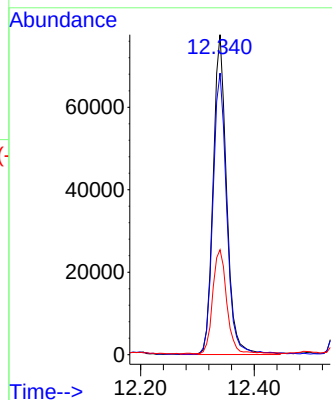
Instrument :
BNA_P
ClientSampled :
CC-15



Tgt Ion:142 Resp: 127285
Ion Ratio Lower Upper
142 100
141 88.0 71.8 107.6
115 32.8 31.6 47.4

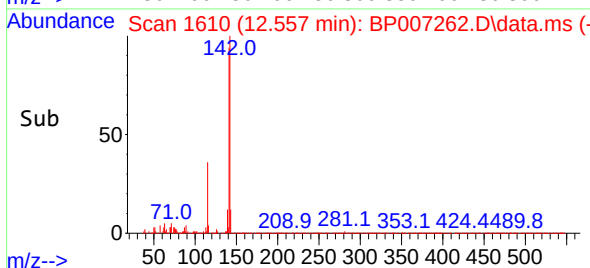
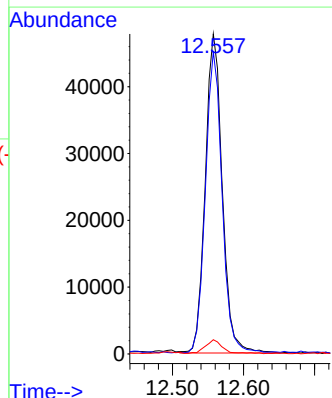
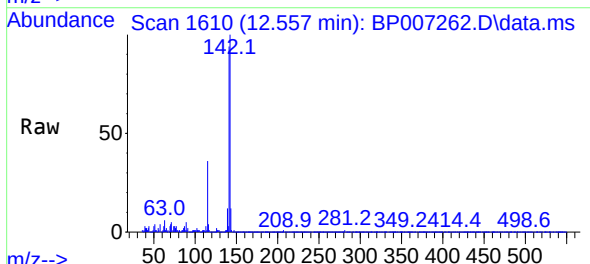
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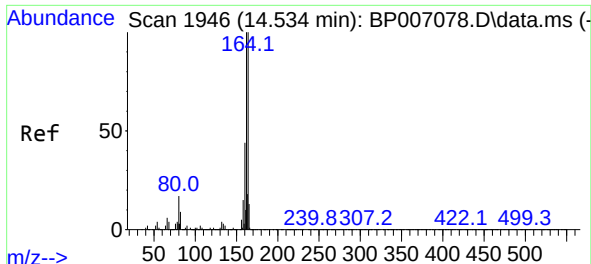
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#38
1-Methylnaphthalene
Concen: 3.372 ng
RT: 12.557 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BP007262.D
Acq: 30 Sep 2021 00:25

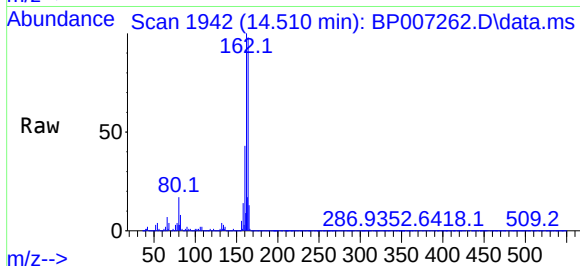
Tgt Ion:142 Resp: 79733
Ion Ratio Lower Upper
142 100
141 94.5 73.3 109.9
116 4.4 3.5 5.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.510 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BP007262.D
Acq: 30 Sep 2021 00:25

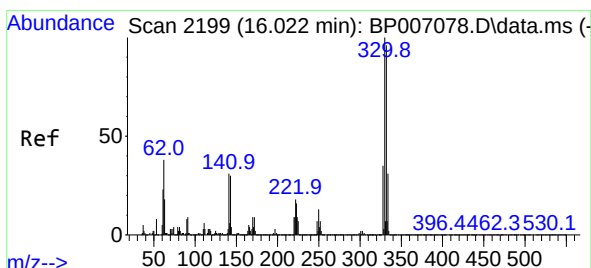
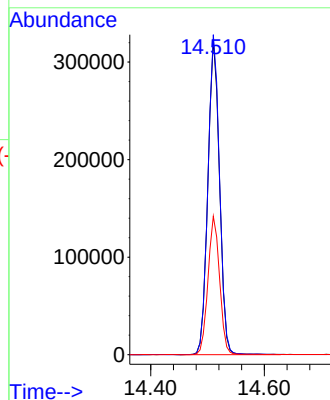
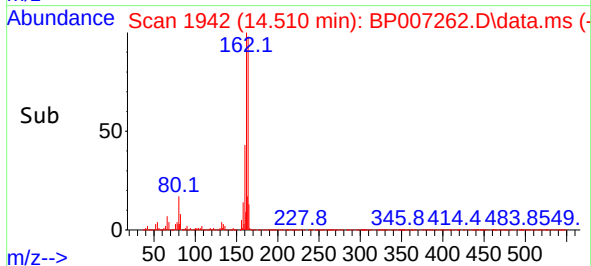
Instrument :
BNA_P
ClientSampled :
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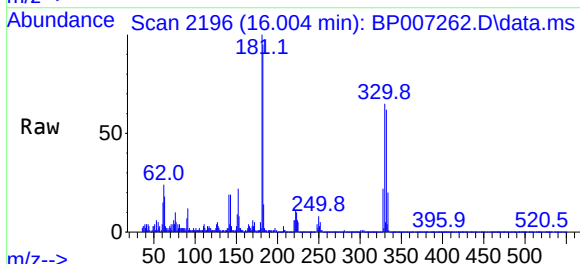
Tgt Ion:164 Resp: 456819
Ion Ratio Lower Upper
164 100
162 101.6 80.2 120.2
160 43.9 34.5 51.7

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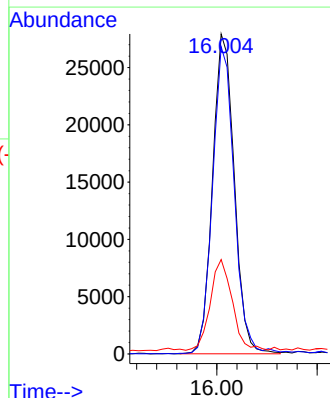
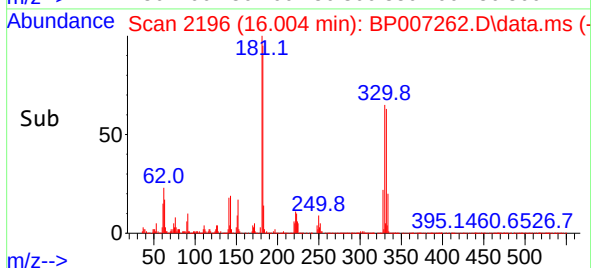
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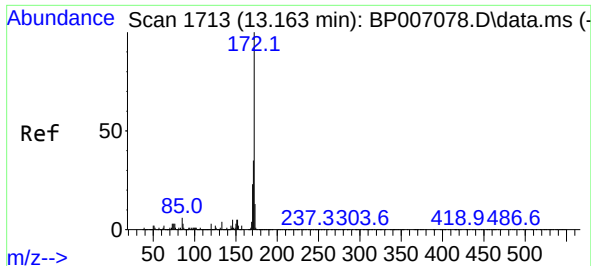


#42
2,4,6-Tribromophenol
Concen: 7.076 ng
RT: 16.004 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BP007262.D
Acq: 30 Sep 2021 00:25



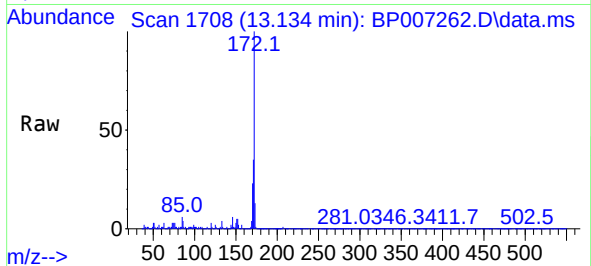
Tgt Ion:330 Resp: 41910
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.8
141 28.6 25.4 38.2





#45
2-Fluorobiphenyl
Concen: 5.920 ng
RT: 13.134 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BP007262.D
Acq: 30 Sep 2021 00:25

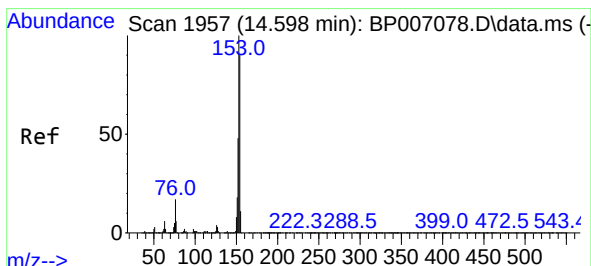
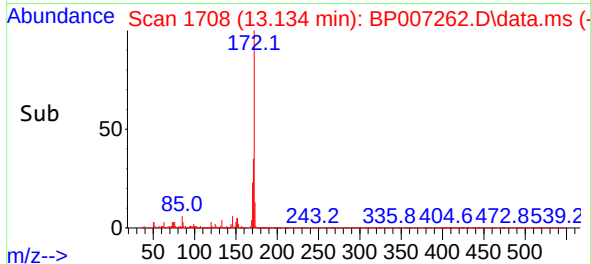
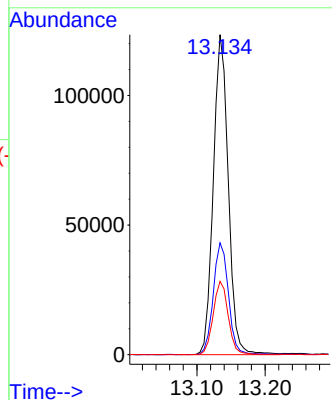
Instrument :
BNA_P
ClientSampled :
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Tgt Ion:172 Resp: 188771
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 22.9 18.6 27.8

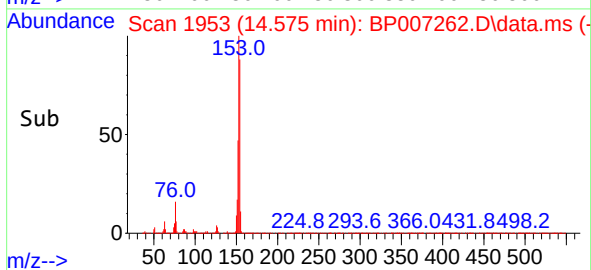
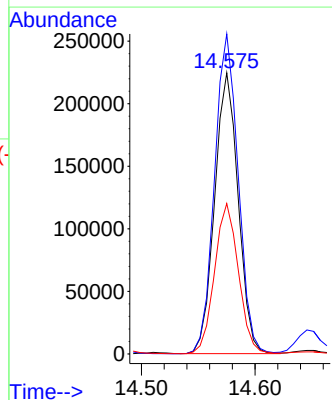
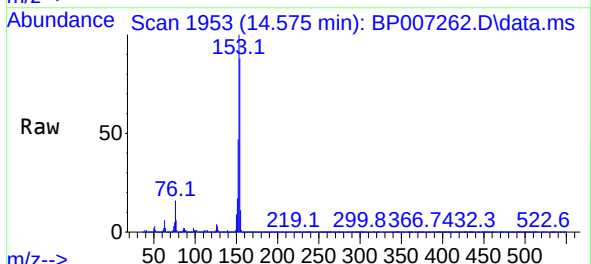
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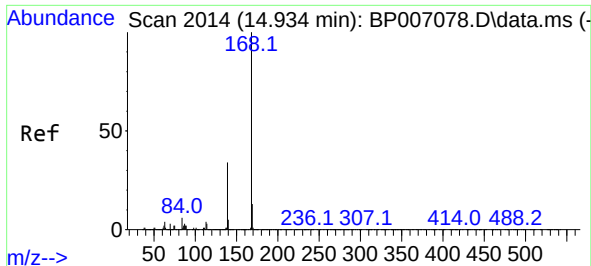
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#52
Acenaphthene
Concen: 13.164 ng
RT: 14.575 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BP007262.D
Acq: 30 Sep 2021 00:25

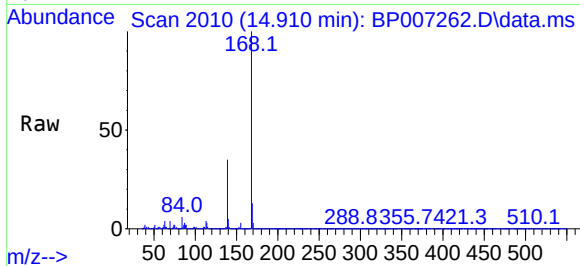
Tgt Ion:154 Resp: 323344
Ion Ratio Lower Upper
154 100
153 113.8 89.4 134.2
152 53.5 43.0 64.4





#55
Dibenzenofuran
Concen: 9.344 ng
RT: 14.910 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BP007262.D
Acq: 30 Sep 2021 00:25

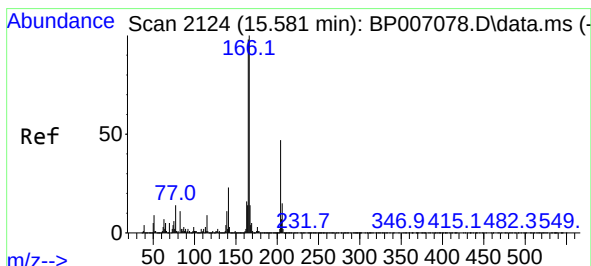
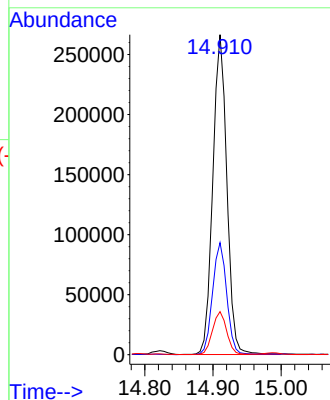
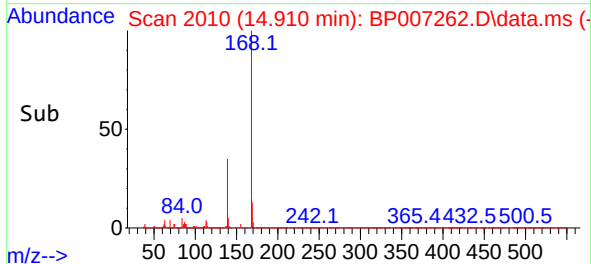
Instrument :
BNA_P
ClientSampled :
CC-15



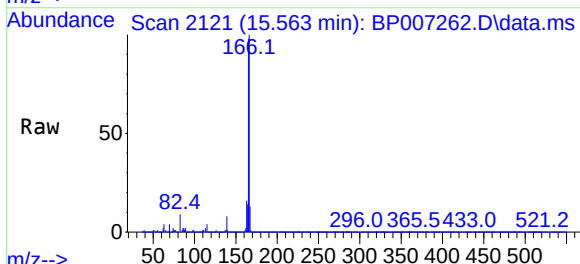
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Ion Ratio Lower Upper
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139 35.0 31.0 46.6
169 13.4 10.8 16.2

Manual Integrations
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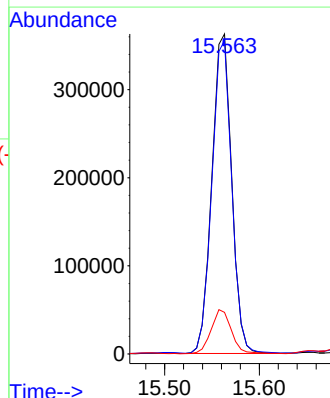
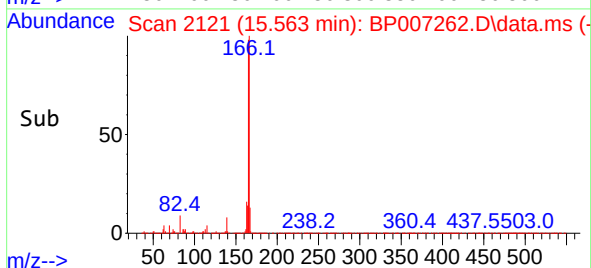
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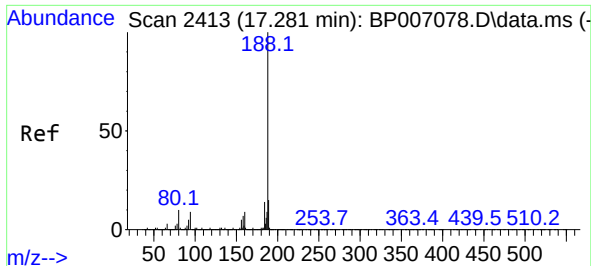


#58
Fluorene
Concen: 16.594 ng
RT: 15.563 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BP007262.D
Acq: 30 Sep 2021 00:25



Tgt Ion:166 Resp: 525341
Ion Ratio Lower Upper
166 100
165 98.0 78.0 117.0
167 13.0 10.5 15.7





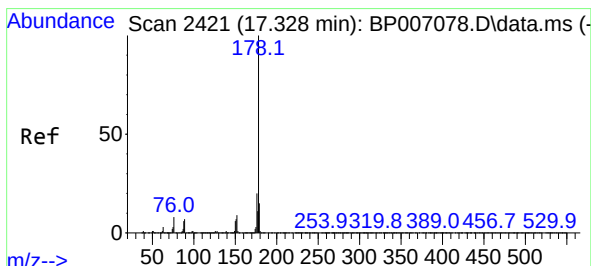
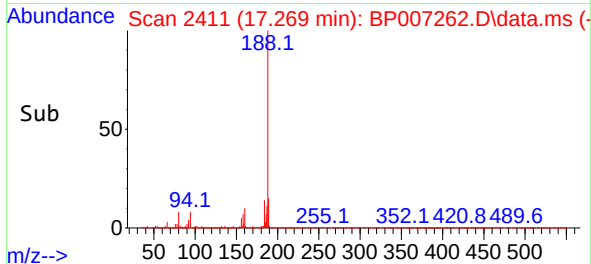
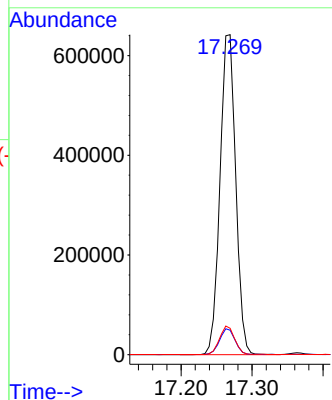
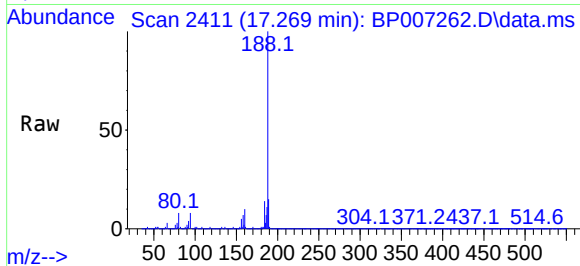
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2411
Delta R.T. 0.006 min
Lab File: BP007262.D
Acq: 30 Sep 2021 00:25

Tgt Ion:188 Resp: 979754
Ion Ratio Lower Upper
188 100
94 7.7 5.6 8.4
80 8.3 6.3 9.5

Instrument :
BNA_P
ClientSampled :
CC-15

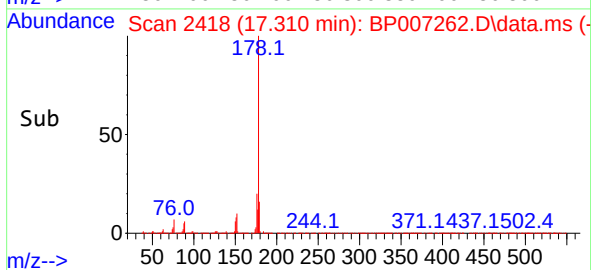
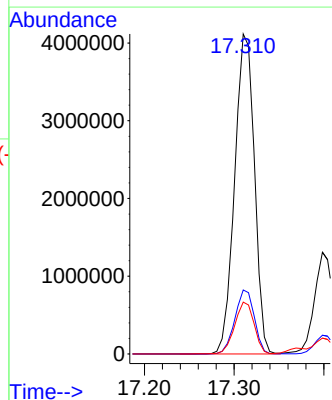
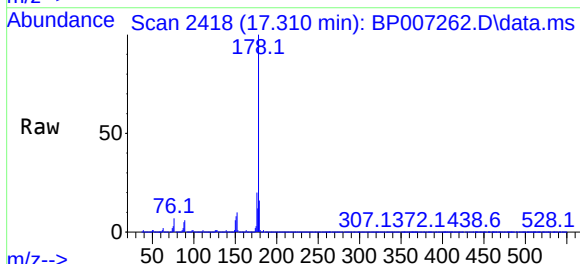
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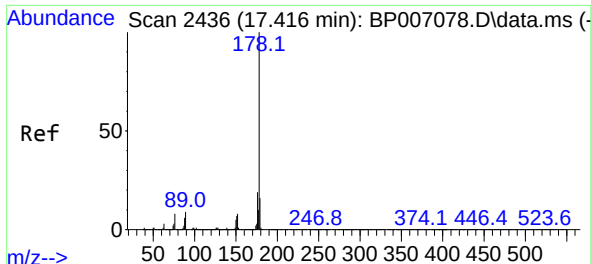
mohammad
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#71
Phenanthrene
Concen: 119.944 ng
RT: 17.310 min Scan# 2418
Delta R.T. 0.006 min
Lab File: BP007262.D
Acq: 30 Sep 2021 00:25

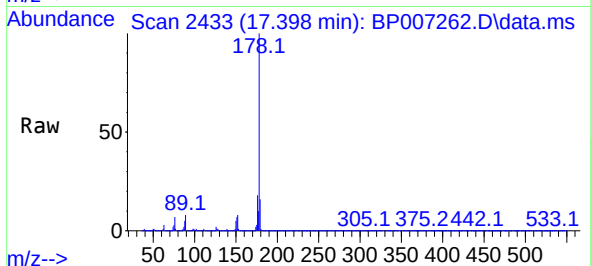
Tgt Ion:178 Resp: 6301089
Ion Ratio Lower Upper
178 100
176 20.0 15.1 22.7
179 16.2 12.4 18.6





#72
 Anthracene
 Concen: 36.301 ng
 RT: 17.398 min Scan# 2433
 Delta R.T. 0.000 min
 Lab File: BP007262.D
 Acq: 30 Sep 2021 00:25

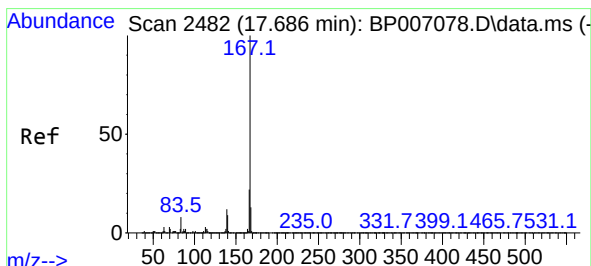
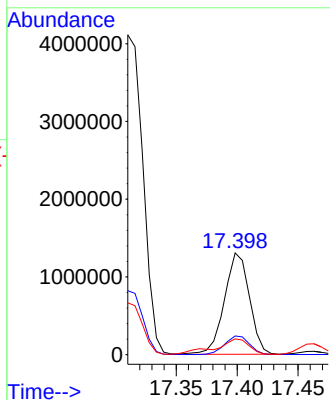
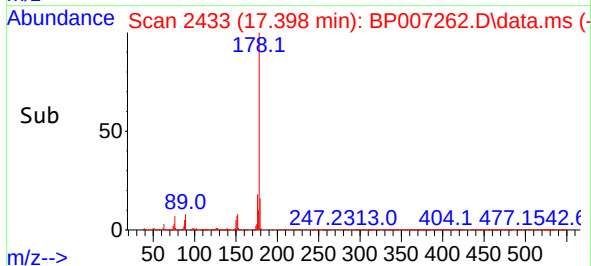
Instrument :
 BNA_P
 ClientSampleId :
 CC-15



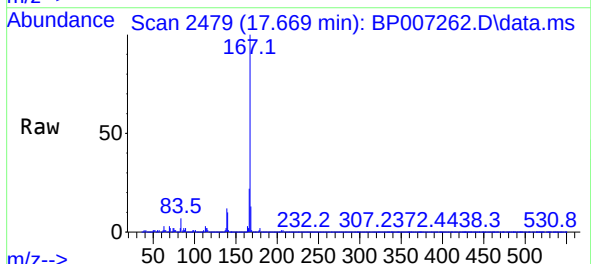
Tgt Ion:178 Resp: 1865550
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.9 22.3
 179 15.6 12.2 18.2

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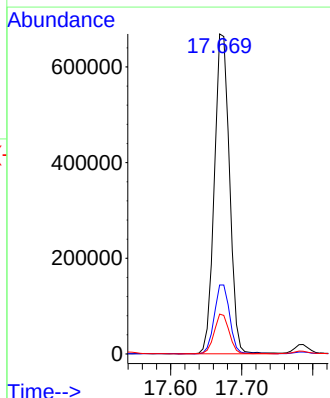
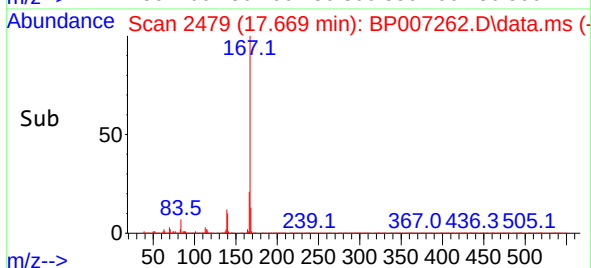
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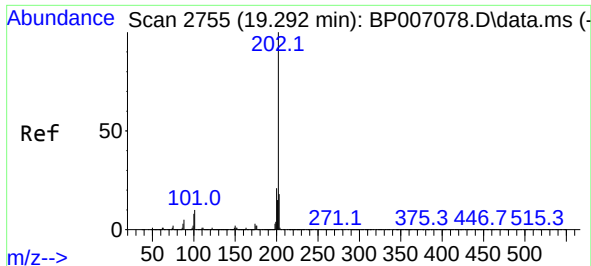


#73
 Carbazole
 Concen: 19.564 ng
 RT: 17.669 min Scan# 2479
 Delta R.T. 0.000 min
 Lab File: BP007262.D
 Acq: 30 Sep 2021 00:25



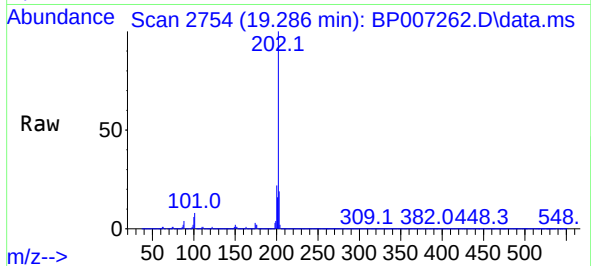
Tgt Ion:167 Resp: 985230
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.1 25.7
 139 12.4 10.7 16.1





#75
Fluoranthene
Concen: 162.590 ng
RT: 19.286 min Scan# 2754
Delta R.T. 0.012 min
Lab File: BP007262.D
Acq: 30 Sep 2021 00:25

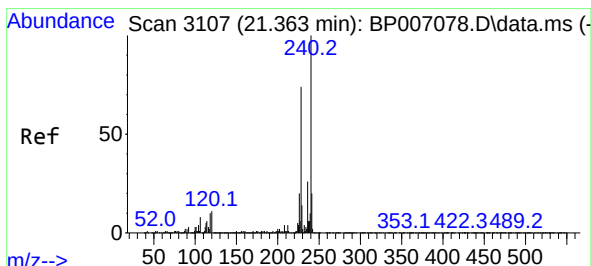
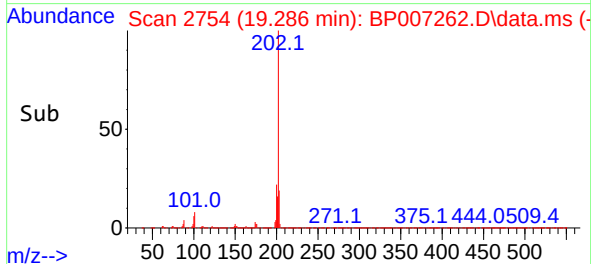
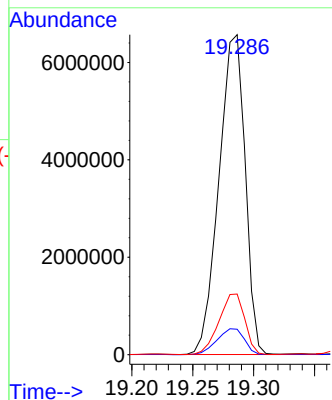
Instrument :
BNA_P
ClientSampled :
CC-15



Tgt Ion:202 Resp: 9840785
Ion Ratio Lower Upper
202 100
101 8.0 0.0 27.6
203 19.0 0.0 37.8

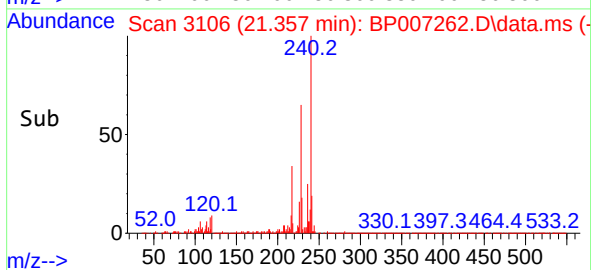
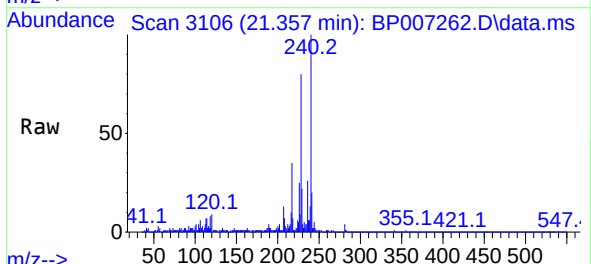
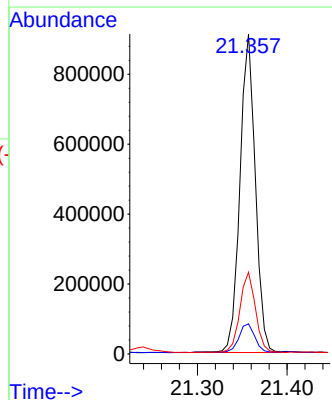
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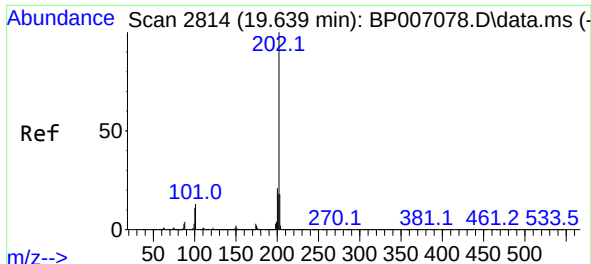
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.357 min Scan# 3106
Delta R.T. 0.006 min
Lab File: BP007262.D
Acq: 30 Sep 2021 00:25

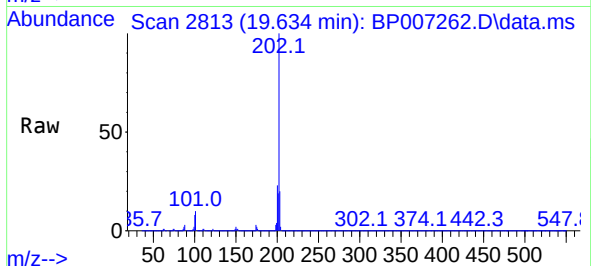
Tgt Ion:240 Resp: 1083507
Ion Ratio Lower Upper
240 100
120 9.4 6.5 9.7
236 25.6 20.6 31.0





#78
Pyrene
Concen: 134.443 ng
RT: 19.634 min Scan# 2813
Delta R.T. 0.006 min
Lab File: BP007262.D
Acq: 30 Sep 2021 00:25

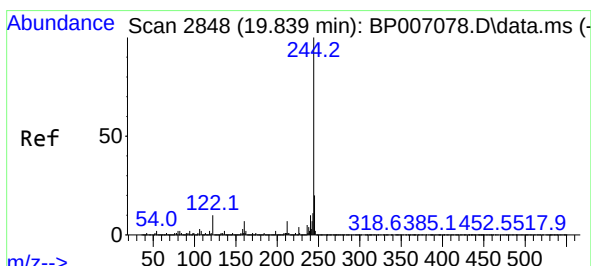
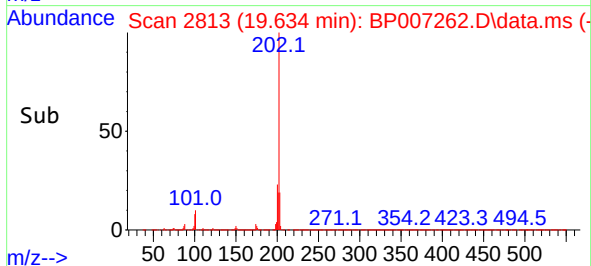
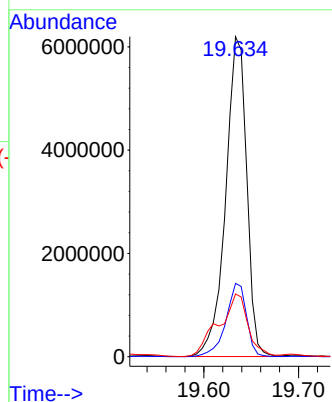
Instrument :
BNA_P
ClientSampled :
CC-15



Tgt Ion:202 Resp: 9557262
Ion Ratio Lower Upper
202 100
200 22.9 16.3 24.5
203 19.6 14.2 21.2

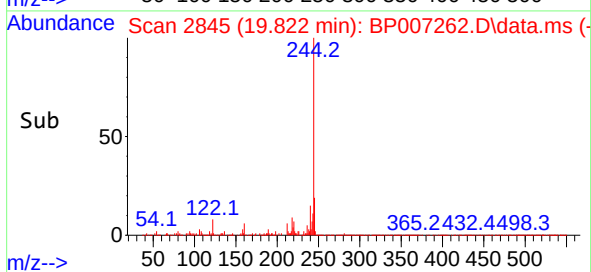
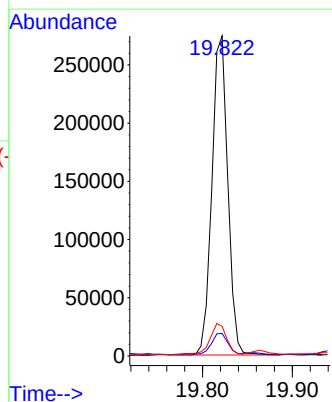
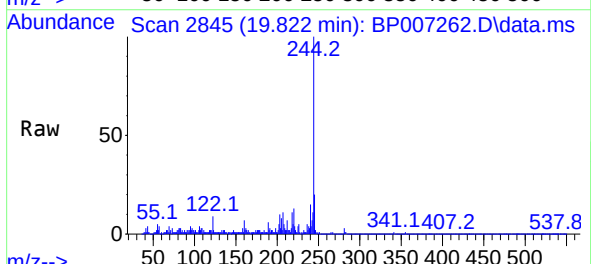
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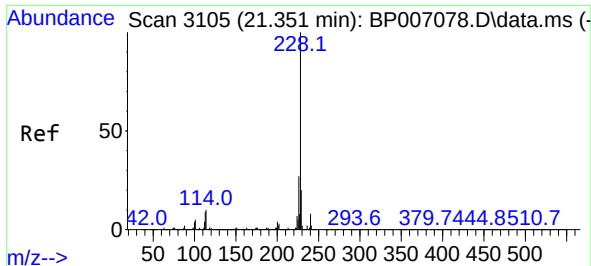
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#79
Terphenyl-d14
Concen: 5.960 ng
RT: 19.822 min Scan# 2845
Delta R.T. 0.000 min
Lab File: BP007262.D
Acq: 30 Sep 2021 00:25

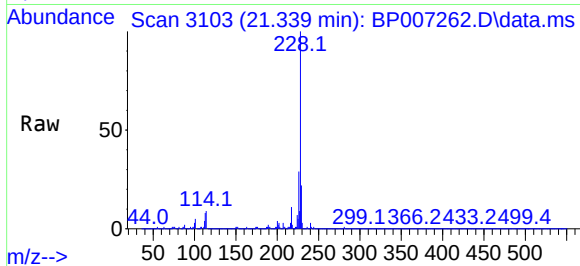
Tgt Ion:244 Resp: 337017
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 9.3 7.1 10.7





#81
Benzo(a)anthracene
Concen: 81.149 ng
RT: 21.339 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP007262.D
Acq: 30 Sep 2021 00:25

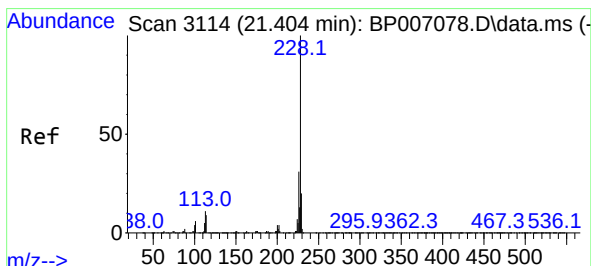
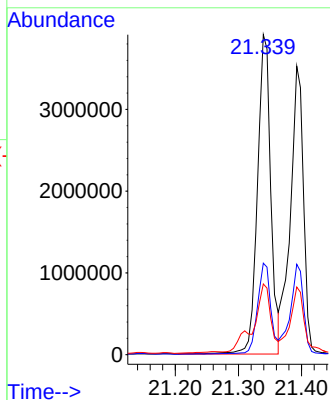
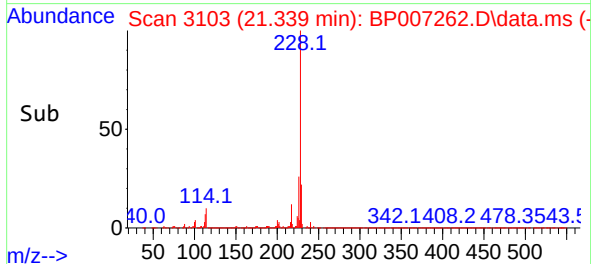
Instrument :
BNA_P
ClientSampled :
CC-15



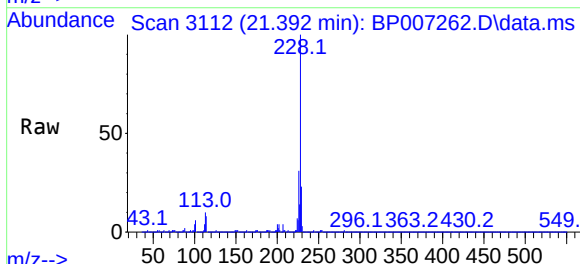
Tgt Ion:228 Resp: 5707223
Ion Ratio Lower Upper
228 100
226 28.6 21.6 32.4
229 22.1 15.8 23.6

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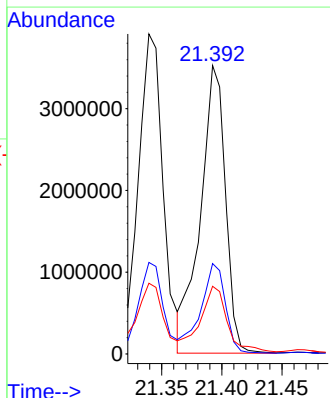
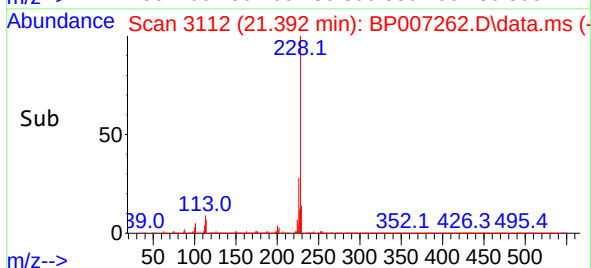
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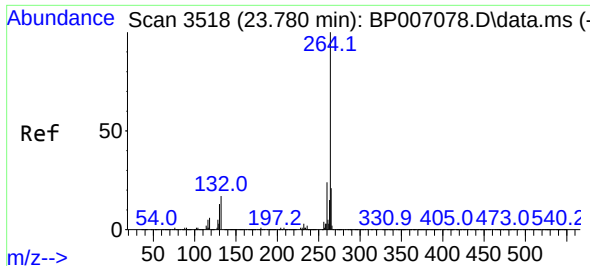


#83
Chrysene
Concen: 76.055 ng m
RT: 21.392 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BP007262.D
Acq: 30 Sep 2021 00:25



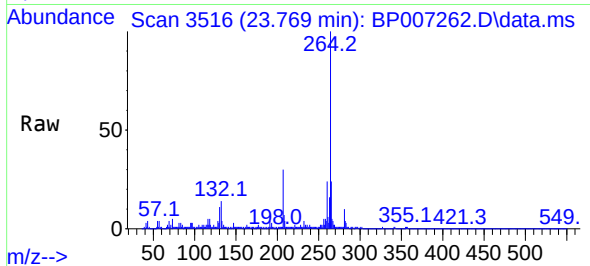
Tgt Ion:228 Resp: 5112194
Ion Ratio Lower Upper
228 100
226 31.4 23.8 35.6
229 23.4 15.4 23.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.769 min Scan# 3516
Delta R.T. 0.006 min
Lab File: BP007262.D
Acq: 30 Sep 2021 00:25

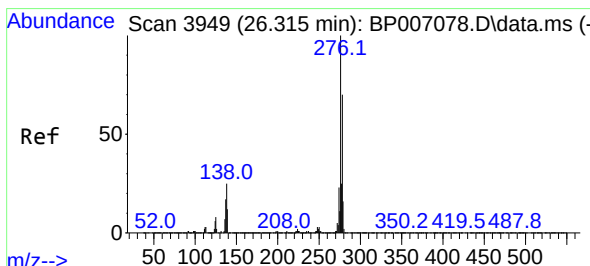
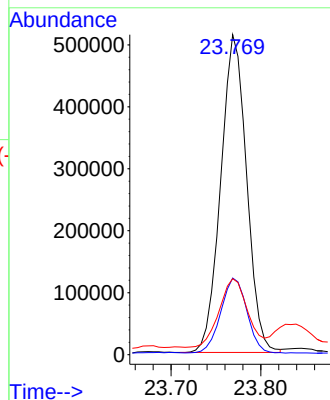
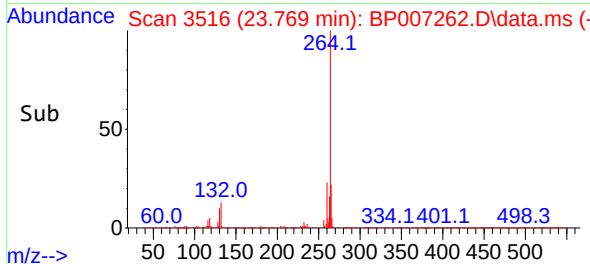
Instrument :
BNA_P
ClientSampled :
CC-15



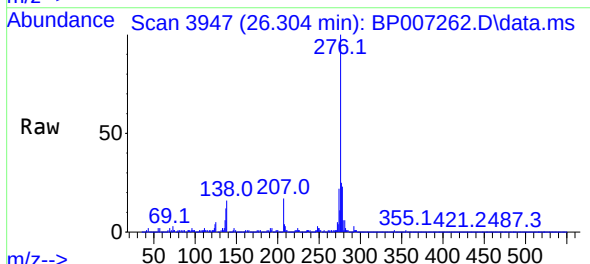
Tgt Ion:264 Resp: 1027551
Ion Ratio Lower Upper
264 100
260 24.0 18.6 28.0
265 23.8 17.6 26.4

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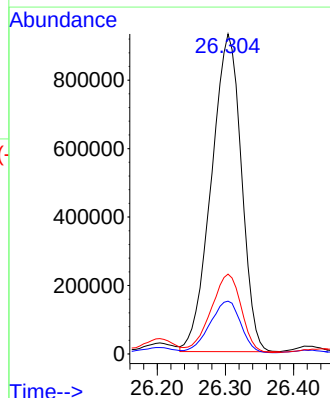
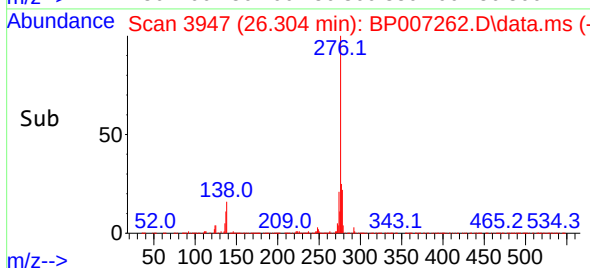
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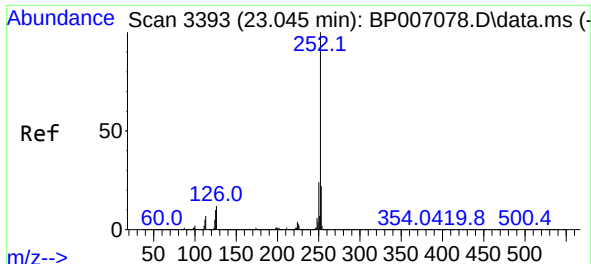


#87
Indeno(1,2,3-cd)pyrene
Concen: 38.549 ng
RT: 26.304 min Scan# 3947
Delta R.T. 0.006 min
Lab File: BP007262.D
Acq: 30 Sep 2021 00:25



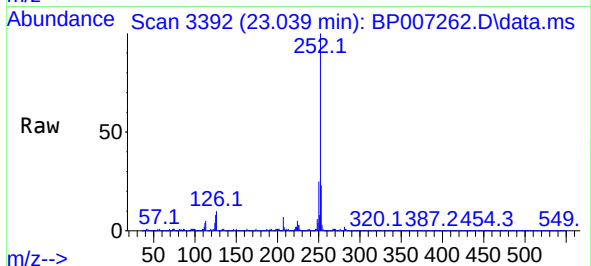
Tgt Ion:276 Resp: 2846692
Ion Ratio Lower Upper
276 100
138 16.7 15.3 22.9
277 24.9 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 90.192 ng
RT: 23.039 min Scan# 3392
Delta R.T. 0.012 min
Lab File: BP007262.D
Acq: 30 Sep 2021 00:25

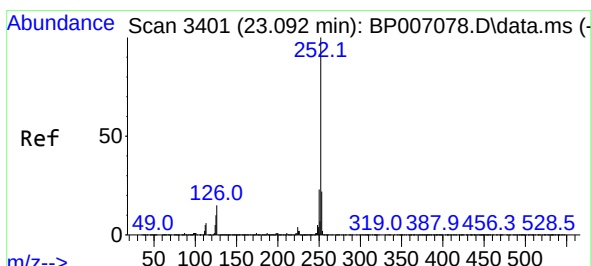
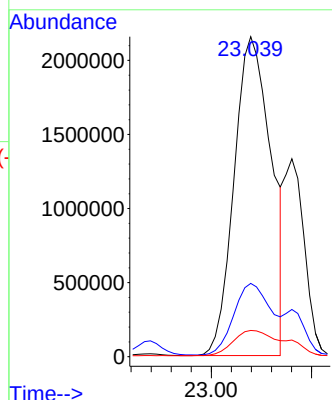
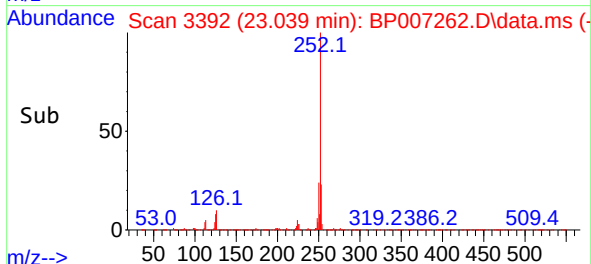
Instrument :
BNA_P
ClientSampled :
CC-15



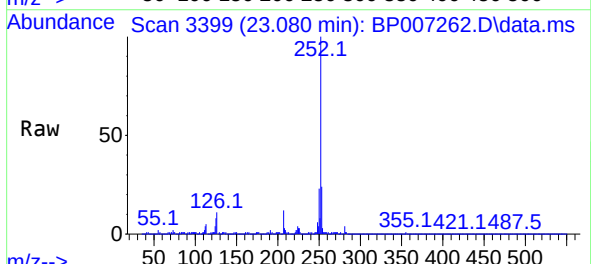
Tgt Ion:252 Resp: 5538526
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 8.2 6.2 9.4

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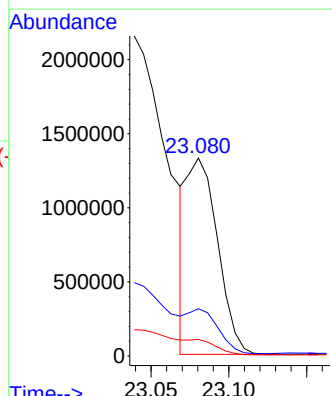
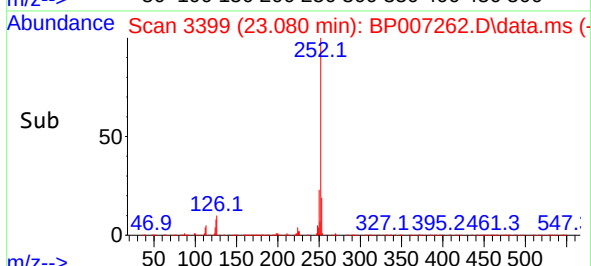
mohammad
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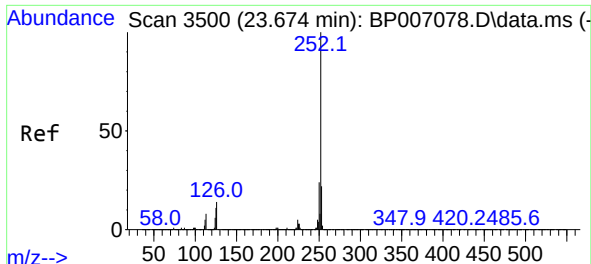


#89
Benzo(k)fluoranthene
Concen: 29.276 ng m
RT: 23.080 min Scan# 3399
Delta R.T. 0.006 min
Lab File: BP007262.D
Acq: 30 Sep 2021 00:25



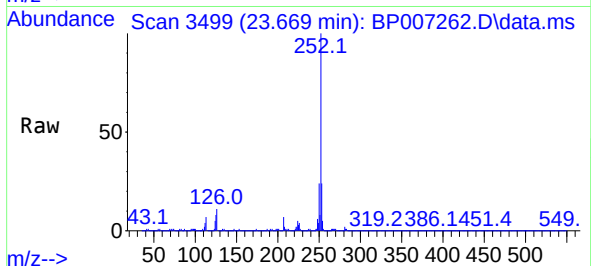
Tgt Ion:252 Resp: 1820247
Ion Ratio Lower Upper
252 100
253 23.9 17.6 26.4
125 8.4 6.0 9.0





#90
Benzo(a)pyrene
Concen: 83.812 ng
RT: 23.669 min Scan# 3499
Delta R.T. 0.012 min
Lab File: BP007262.D
Acq: 30 Sep 2021 00:25

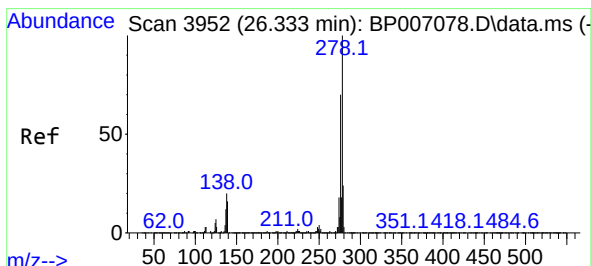
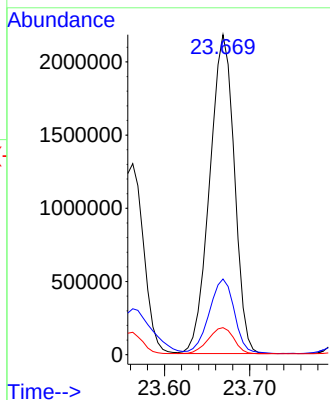
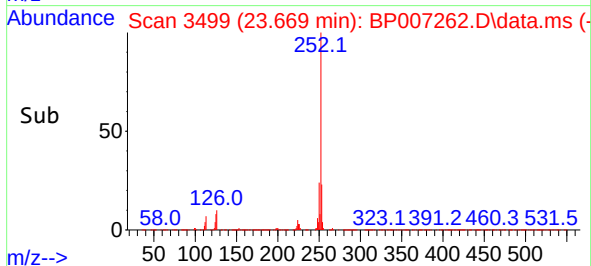
Instrument :
BNA_P
ClientSampled :
CC-15



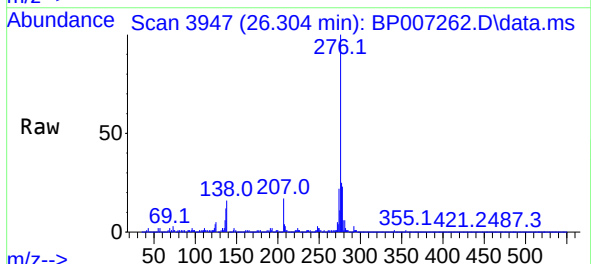
Tgt Ion: 252 Resp: 4372617
Ion Ratio Lower Upper
252 100
253 23.7 17.9 26.9
125 8.5 6.5 9.7

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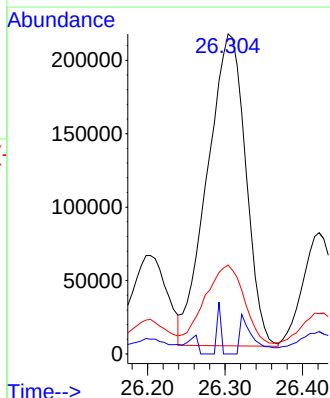
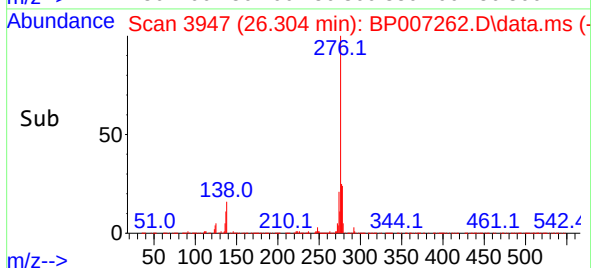
mohammad
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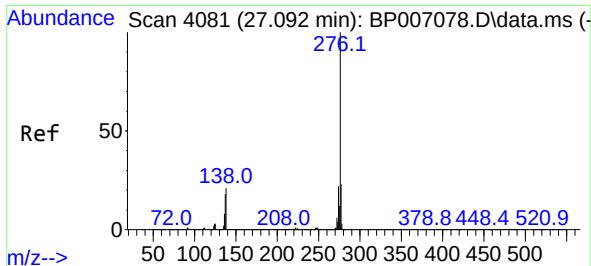


#91
Dibenzo(a,h)anthracene
Concen: 11.826 ng
RT: 26.304 min Scan# 3947
Delta R.T. -0.006 min
Lab File: BP007262.D
Acq: 30 Sep 2021 00:25

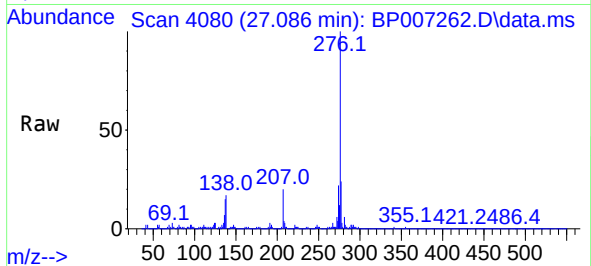


Tgt Ion: 278 Resp: 731827
Ion Ratio Lower Upper
278 100
139 0.0 9.3 13.9#
279 27.7 18.8 28.2

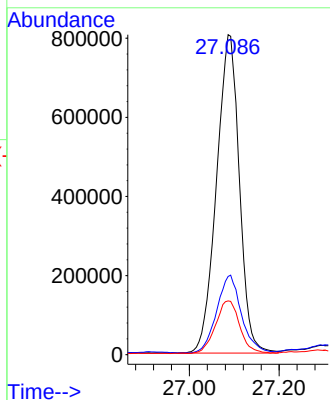
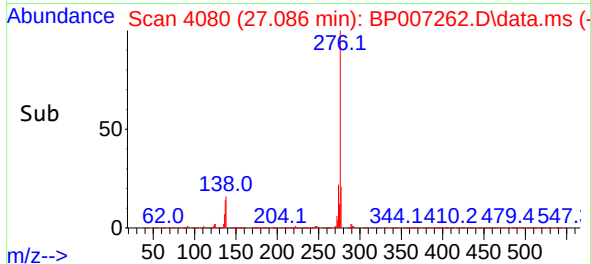




#92
Benzo(g,h,i)perylene
Concen: 47.194 ng
RT: 27.086 min Scan# 4080
Delta R.T. 0.018 min
Lab File: BP007262.D
Acq: 30 Sep 2021 00:25



Tgt Ion: 276 Resp: 2850125
Ion Ratio Lower Upper
276 100
277 24.5 18.9 28.3
138 16.8 12.6 18.8



Instrument :
BNA_P
ClientSampleId :
CC-15

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