

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
 Data File : BP007344.D
 Acq On : 06 Oct 2021 01:44
 Operator : CG/JU
 Sample : M4067-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SU-03-100421

Manual Integrations
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mohammad
 10/8/2021 8:33:09 AM

Quant Time: Oct 06 05:28:35 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 01 12:49:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	176217	20.00	ng	0.00
21) Naphthalene-d8	10.663	136	677835	20.00	ng	# 0.00
39) Acenaphthene-d10	14.492	164	424271	20.00	ng	0.00
64) Phenanthrene-d10	17.251	188	876324	20.00	ng	0.00
76) Chrysene-d12	21.333	240	857061	20.00	ng	# 0.00
86) Perylene-d12	23.739	264	919829	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1172363	111.37	ng	0.00
7) Phenol-d6	7.040	99	1423739	98.95	ng	-0.01
23) Nitrobenzene-d5	9.022	82	847071	72.78	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	591099	107.46	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	2110576	71.27	ng	0.00
79) Terphenyl-d14	19.810	244	3127413	69.92	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.222	152	159580	4.24	ng	100
71) Phenanthrene	17.292	178	146541	3.12	ng	99
72) Anthracene	17.386	178	126626	2.75	ng	98
75) Fluoranthene	19.257	202	581101	10.73	ng	97
78) Pyrene	19.610	202	559454	9.95	ng	99
81) Benzo(a)anthracene	21.321	228	379045	6.81	ng	93
83) Chrysene	21.374	228	370785m	6.97	ng	
87) Indeno(1,2,3-cd)pyrene	26.251	276	415006	6.28	ng	98
88) Benzo(b)fluoranthene	23.004	252	666808	12.13	ng	# 92
89) Benzo(k)fluoranthene	23.051	252	189673m	3.41	ng	
90) Benzo(a)pyrene	23.633	252	493958	10.58	ng	# 94
92) Benzo(g,h,i)perylene	27.027	276	410726	7.60	ng	# 92

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

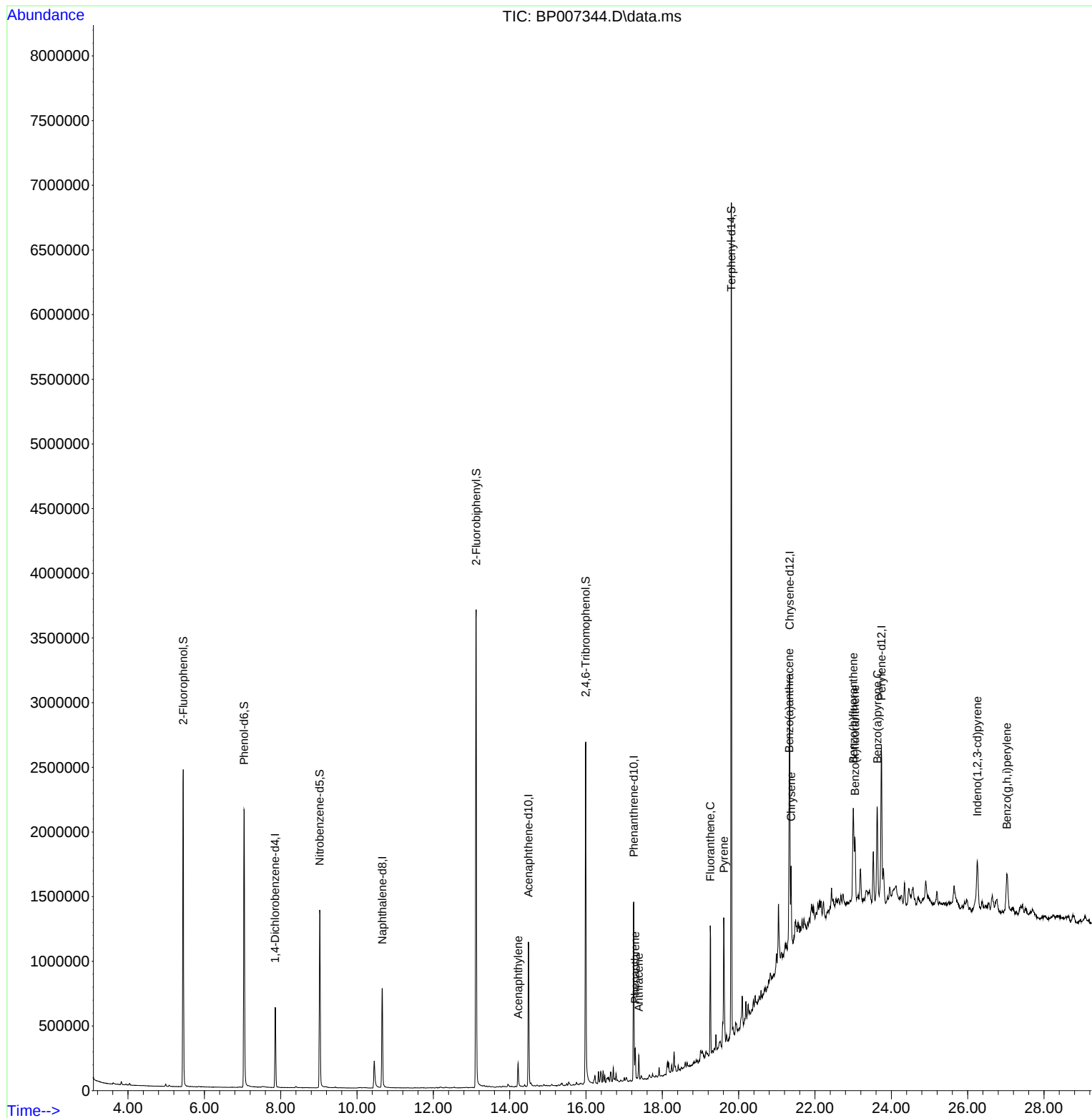
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Data File : BP007344.D
Acq On : 06 Oct 2021 01:44
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ALS Vial : 18 Sample Multiplier: 1

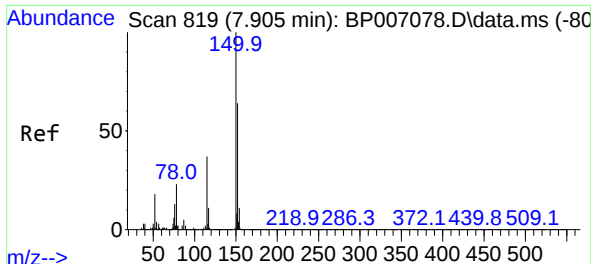
Instrument :
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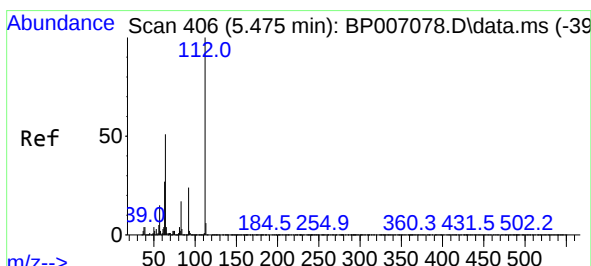
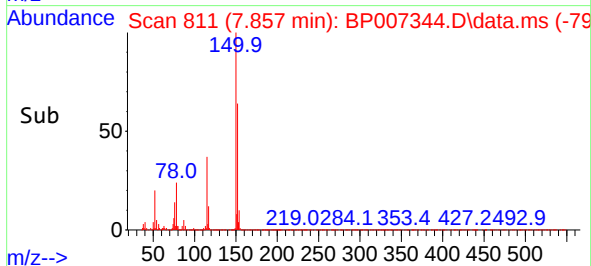
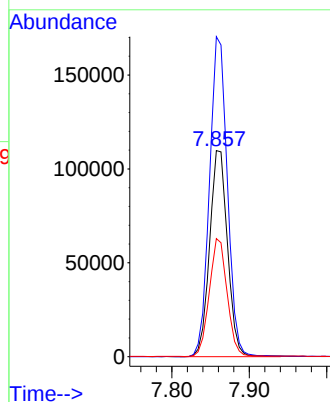
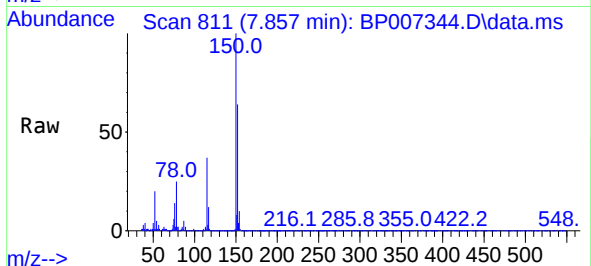
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BP007344.D
Acq: 06 Oct 2021 01:44

Tgt Ion:152 Resp: 176217
Ion Ratio Lower Upper
152 100
150 155.3 125.6 188.4
115 57.3 48.5 72.7

Instrument :
BNA_P
ClientSampleId :
SU-03-100421

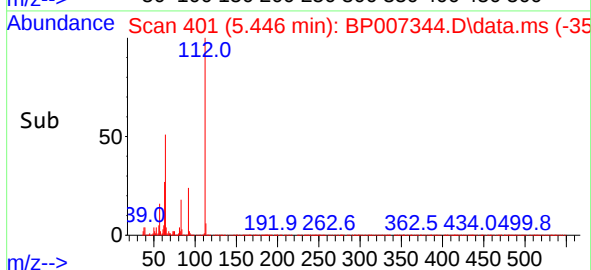
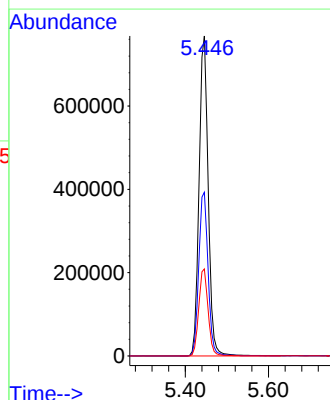
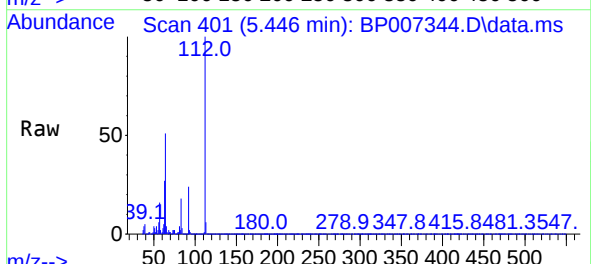
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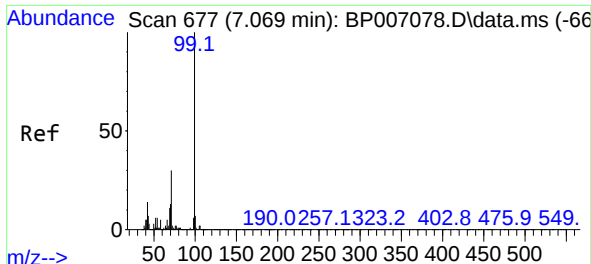
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#5
2-Fluorophenol
Concen: 111.37 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.006 min
Lab File: BP007344.D
Acq: 06 Oct 2021 01:44

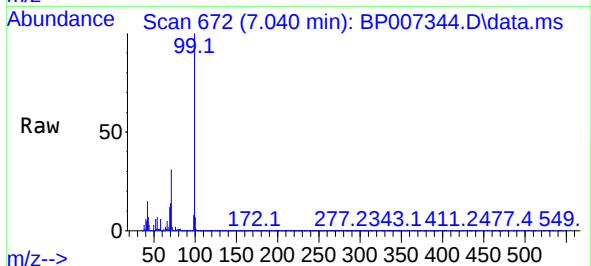
Tgt Ion:112 Resp: 1172363
Ion Ratio Lower Upper
112 100
64 51.1 41.4 62.2
63 27.2 23.8 35.8





#7
Phenol-d6
Concen: 98.95 ng
RT: 7.040 min Scan# 672
Delta R.T. -0.012 min
Lab File: BP007344.D
Acq: 06 Oct 2021 01:44

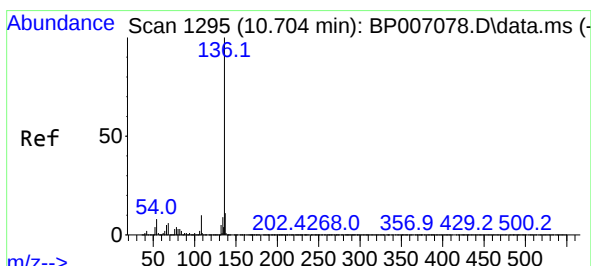
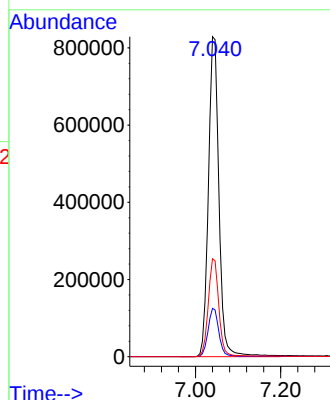
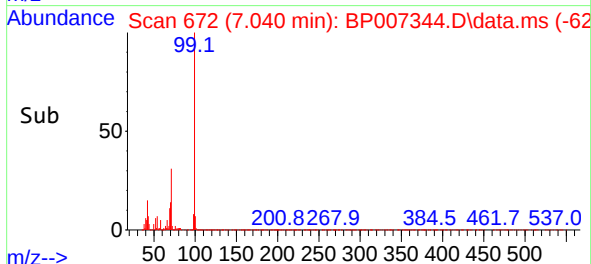
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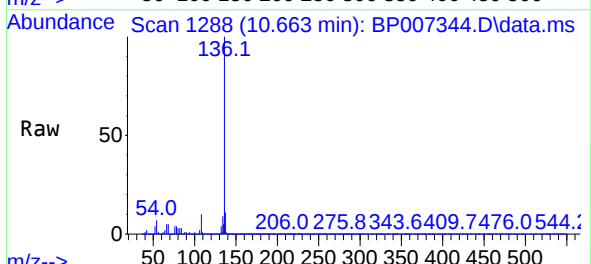
Tgt Ion: 99 Resp: 1423739
Ion Ratio Lower Upper
99 100
42 15.1 13.4 20.0
71 30.6 30.6 46.0#

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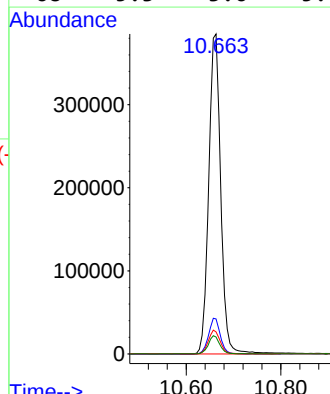
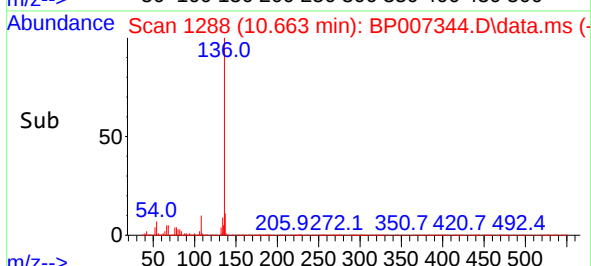
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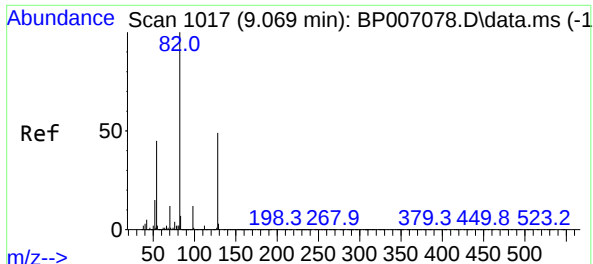


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BP007344.D
Acq: 06 Oct 2021 01:44



Tgt Ion: 136 Resp: 677835
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 6.9 4.6 6.8#
68 5.3 3.6 5.4





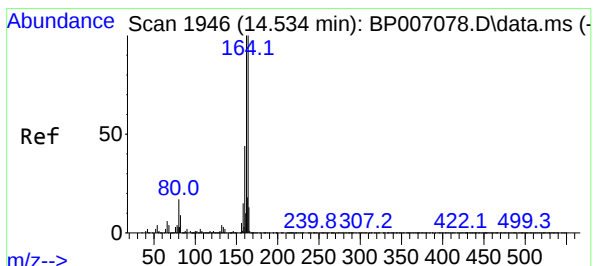
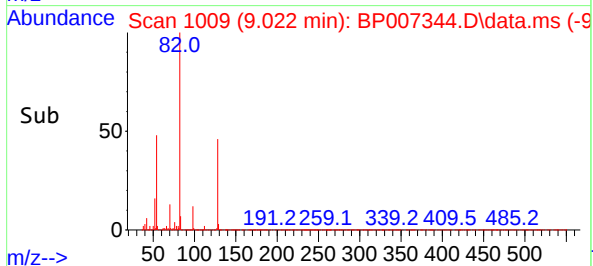
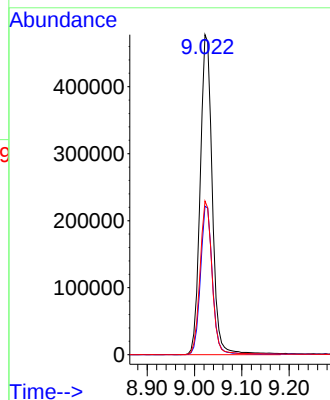
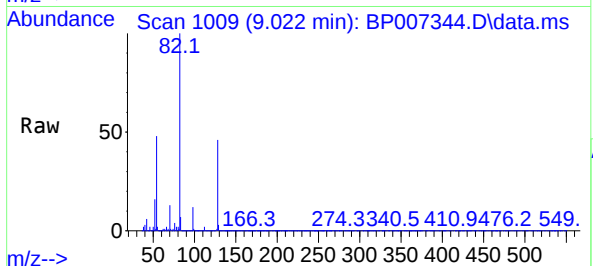
#23
Nitrobenzene-d5
Concen: 72.78 ng
RT: 9.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BP007344.D
Acq: 06 Oct 2021 01:44

Tgt Ion: 82 Resp: 847071
Ion Ratio Lower Upper
82 100
128 46.4 35.7 53.5
54 48.0 35.0 52.4

Instrument :
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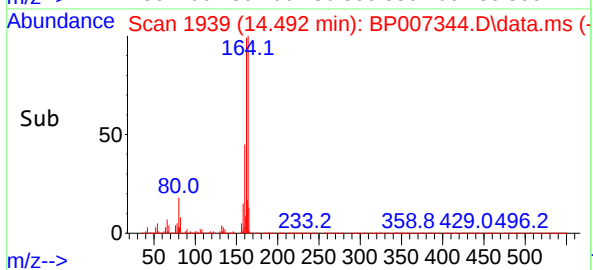
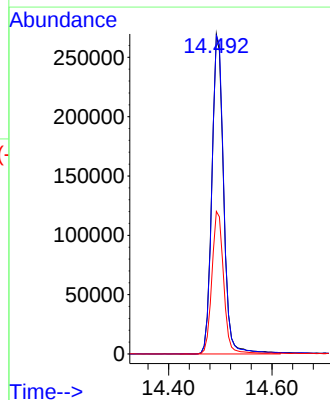
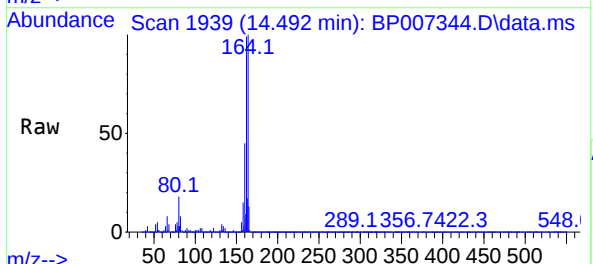
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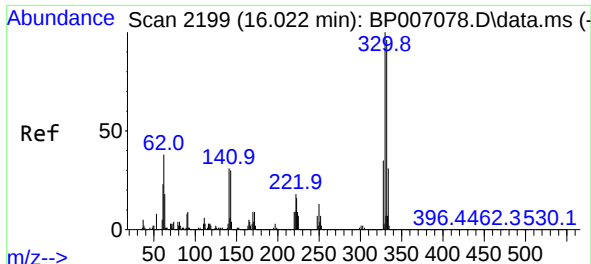
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.492 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BP007344.D
Acq: 06 Oct 2021 01:44

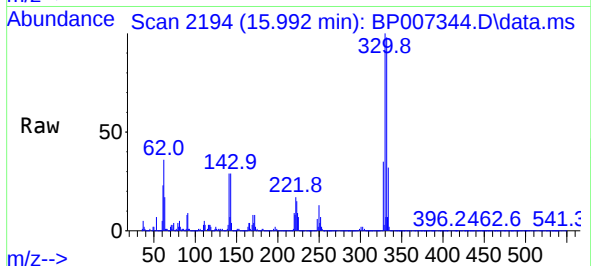
Tgt Ion: 164 Resp: 424271
Ion Ratio Lower Upper
164 100
162 99.5 80.2 120.2
160 44.5 34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 107.46 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BP007344.D
Acq: 06 Oct 2021 01:44

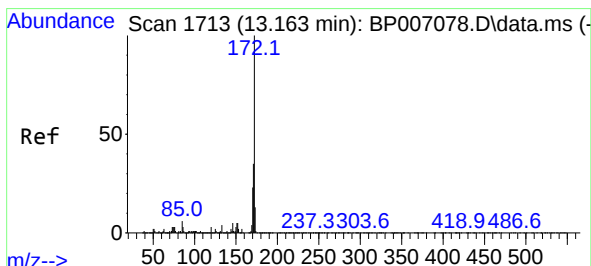
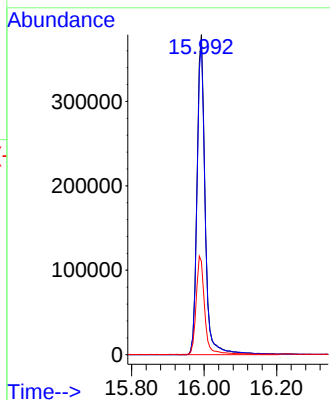
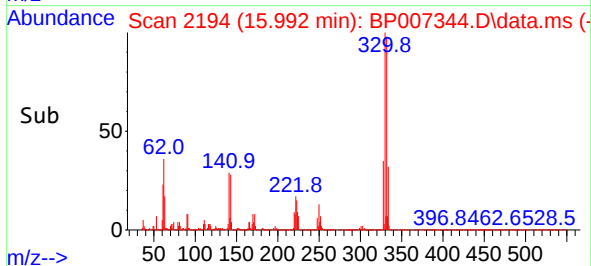
Instrument :
BNA_P
ClientSampleId :
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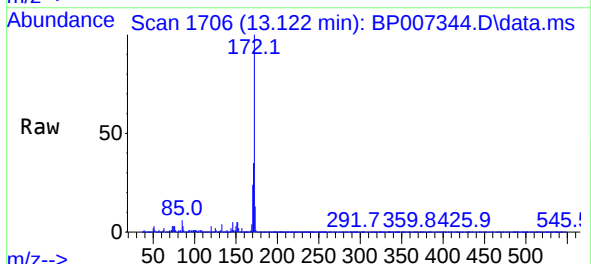
Tgt Ion:330 Resp: 591099
Ion Ratio Lower Upper
330 100
332 97.4 77.8 116.8
141 32.2 25.4 38.2

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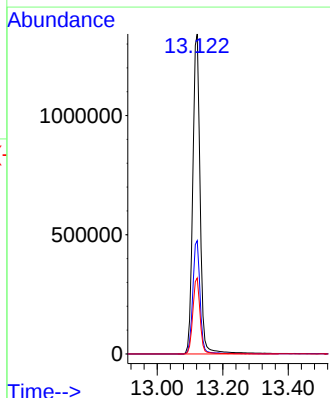
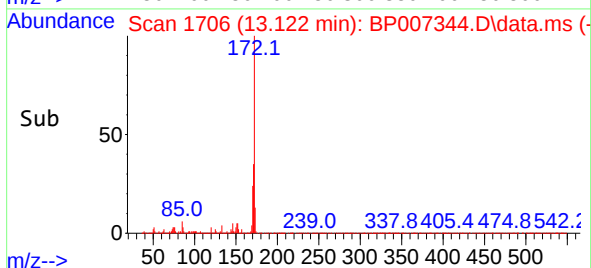
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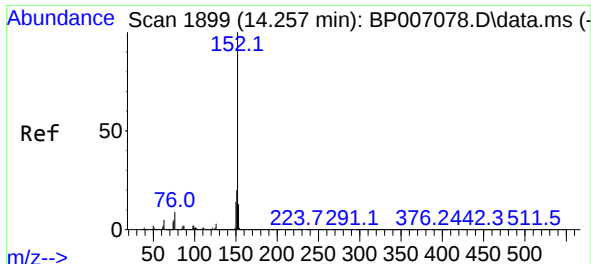


#45
2-Fluorobiphenyl
Concen: 71.27 ng
RT: 13.122 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BP007344.D
Acq: 06 Oct 2021 01:44



Tgt Ion:172 Resp: 2110576
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.8 18.6 27.8





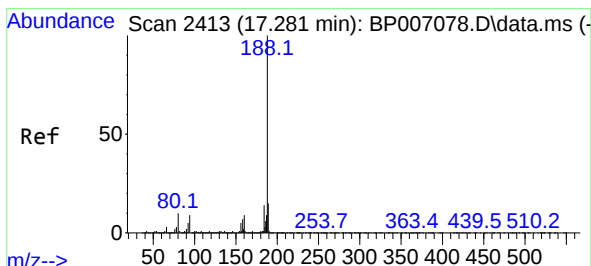
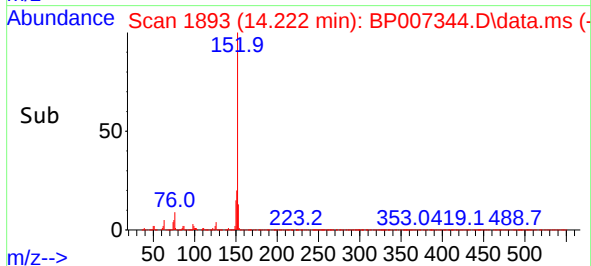
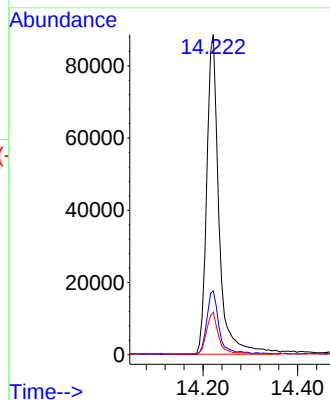
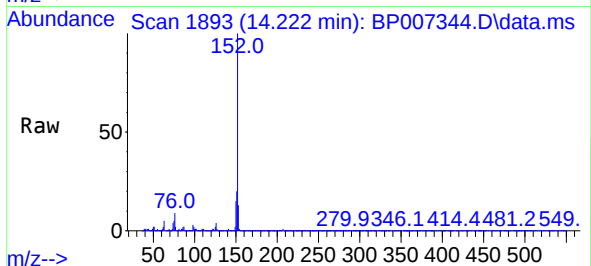
#49
Acenaphthylene
Concen: 4.24 ng
RT: 14.222 min Scan# 1893
Delta R.T. 0.000 min
Lab File: BP007344.D
Acq: 06 Oct 2021 01:44

Tgt Ion:152 Resp: 159580
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 13.2 10.6 16.0

Instrument :
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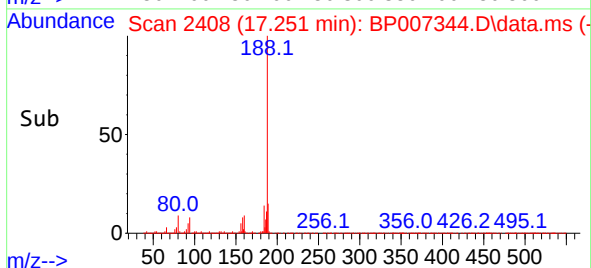
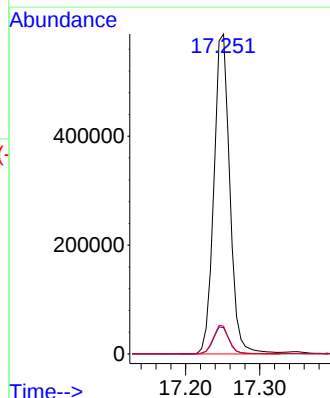
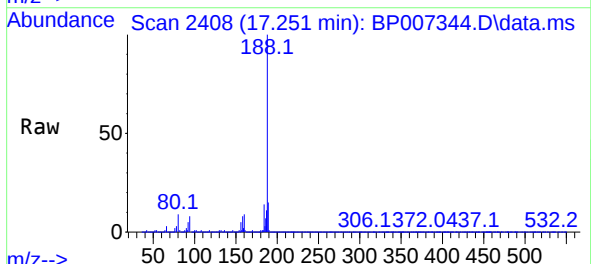
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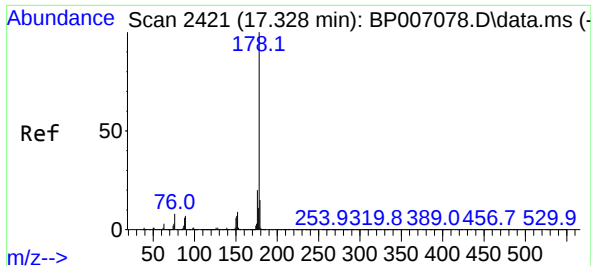
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.251 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BP007344.D
Acq: 06 Oct 2021 01:44

Tgt Ion:188 Resp: 876324
Ion Ratio Lower Upper
188 100
94 8.2 5.6 8.4
80 8.7 6.3 9.5





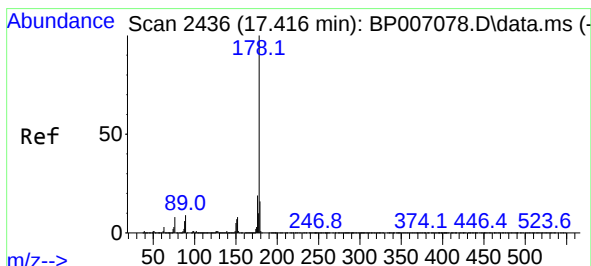
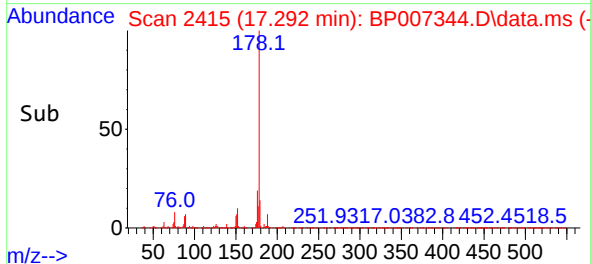
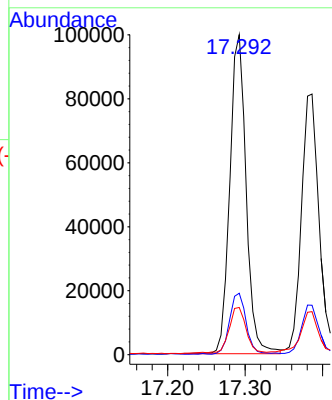
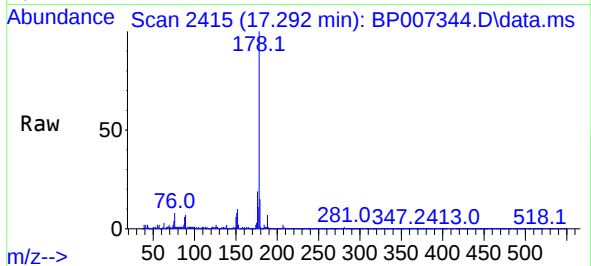
#71
Phenanthrene
Concen: 3.12 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP007344.D
Acq: 06 Oct 2021 01:44

Tgt Ion:178 Resp: 146541
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 14.7 12.4 18.6

Instrument :
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ClientSampleId :
SU-03-100421

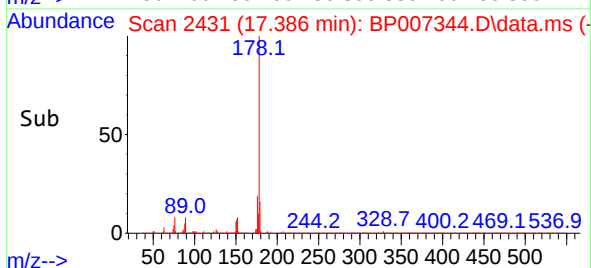
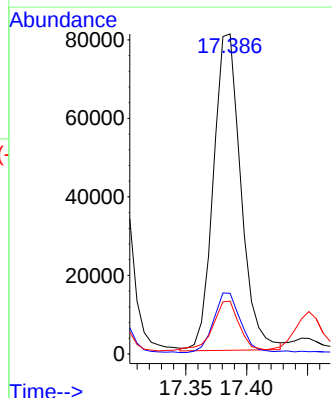
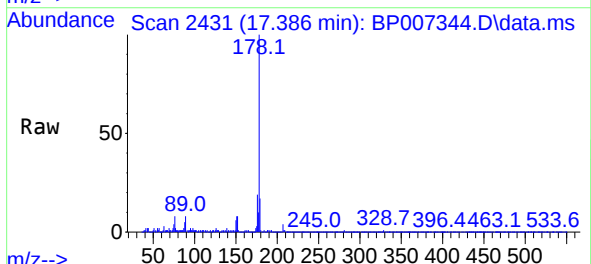
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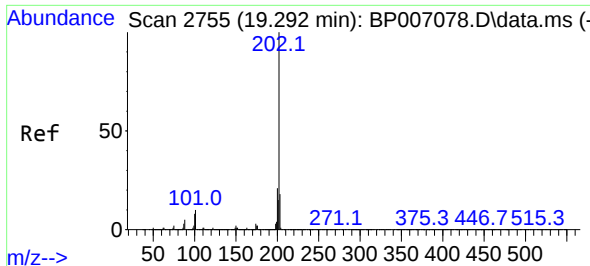
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#72
Anthracene
Concen: 2.75 ng
RT: 17.386 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BP007344.D
Acq: 06 Oct 2021 01:44

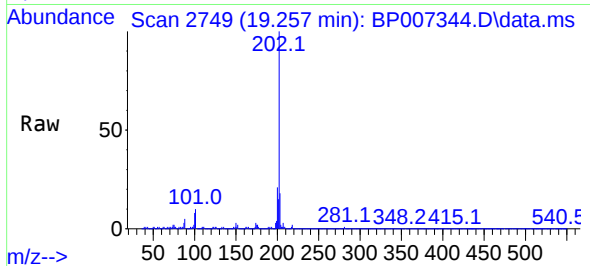
Tgt Ion:178 Resp: 126626
Ion Ratio Lower Upper
178 100
176 19.0 14.9 22.3
179 16.5 12.2 18.2





#75
Fluoranthene
Concen: 10.73 ng
RT: 19.257 min Scan# 2749
Delta R.T. -0.006 min
Lab File: BP007344.D
Acq: 06 Oct 2021 01:44

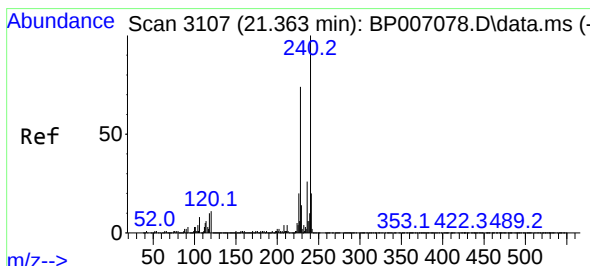
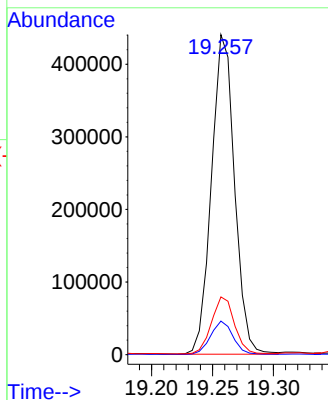
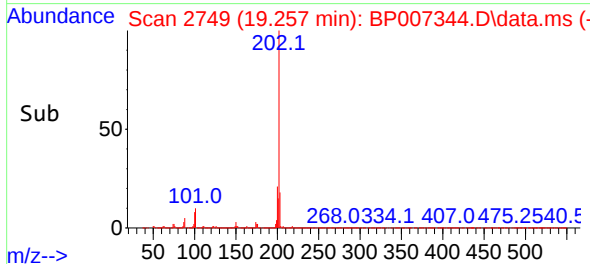
Instrument :
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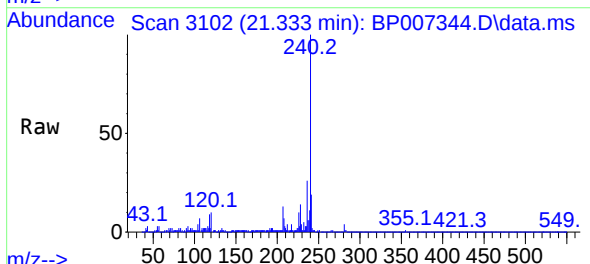
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Ion Ratio Lower Upper
202 100
101 10.5 0.0 27.6
203 18.1 0.0 37.8

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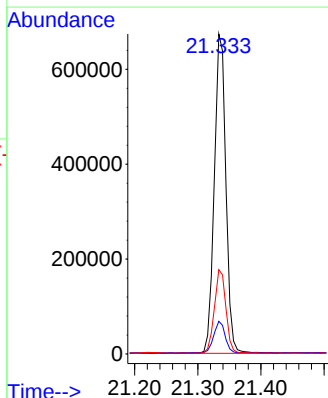
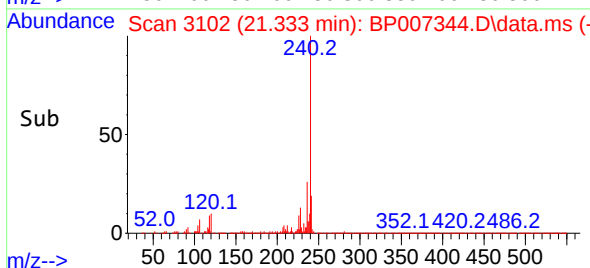
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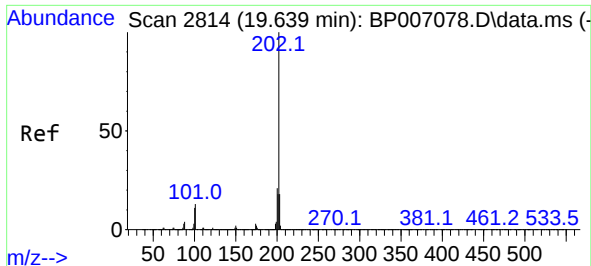


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.333 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BP007344.D
Acq: 06 Oct 2021 01:44



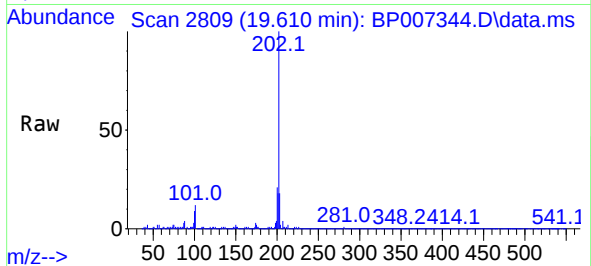
Tgt Ion:240 Resp: 857061
Ion Ratio Lower Upper
240 100
120 10.2 6.5 9.7#
236 26.4 20.6 31.0





#78
Pyrene
Concen: 9.95 ng
RT: 19.610 min Scan# 2809
Delta R.T. -0.006 min
Lab File: BP007344.D
Acq: 06 Oct 2021 01:44

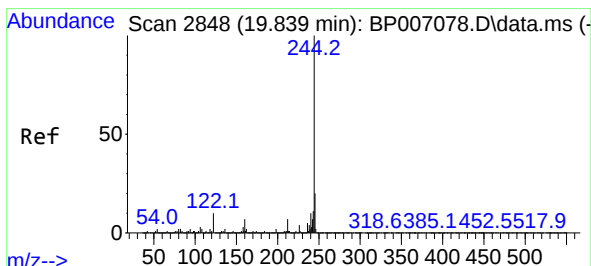
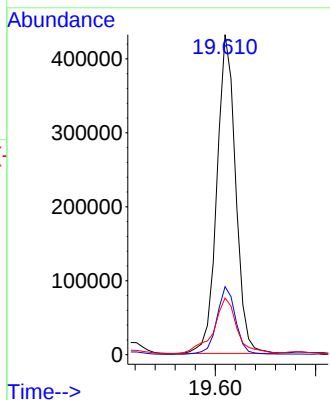
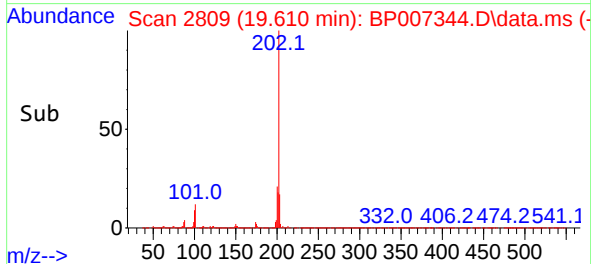
Instrument :
BNA_P
ClientSampleId :
SU-03-100421



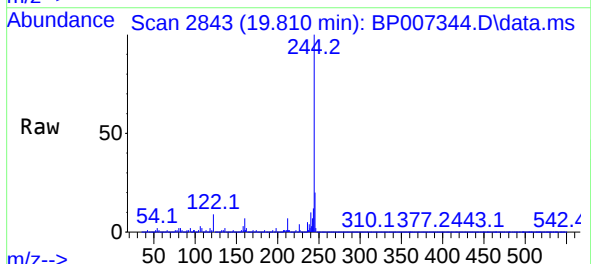
Tgt Ion:202 Resp: 559454
Ion Ratio Lower Upper
202 100
200 21.3 16.3 24.5
203 17.7 14.2 21.2

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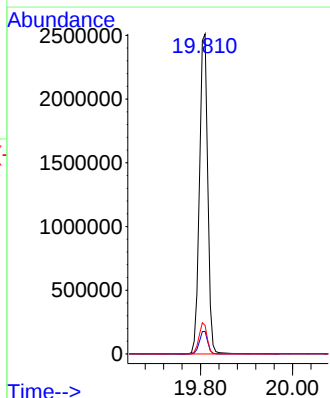
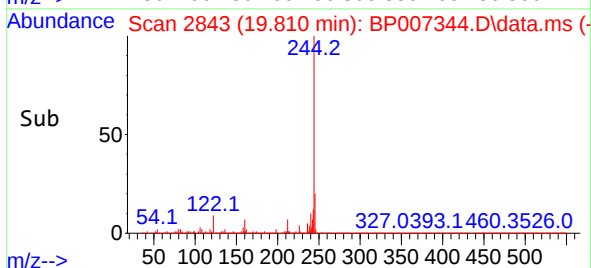
mohammad
10/8/2021 8:33:09 AM

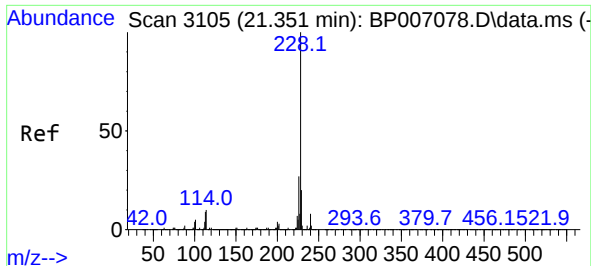


#79
Terphenyl-d14
Concen: 69.92 ng
RT: 19.810 min Scan# 2843
Delta R.T. 0.000 min
Lab File: BP007344.D
Acq: 06 Oct 2021 01:44



Tgt Ion:244 Resp: 3127413
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 8.9 7.1 10.7





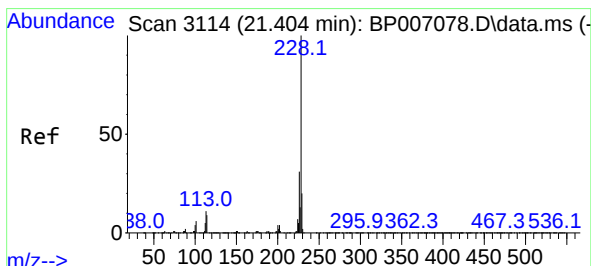
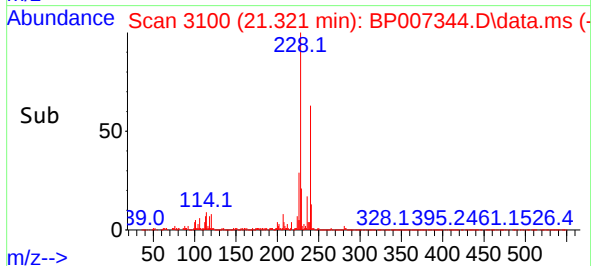
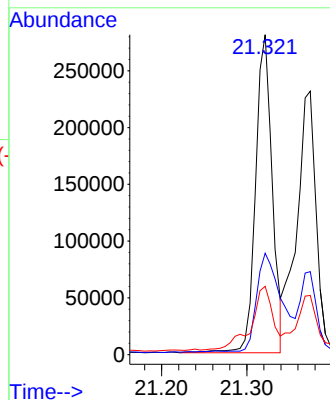
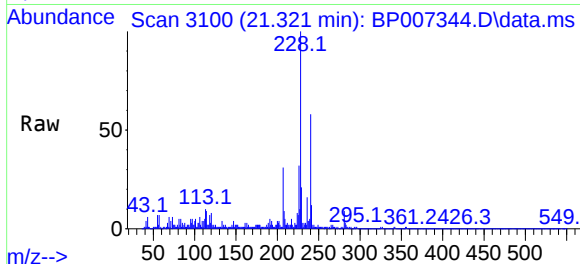
#81
Benzo(a)anthracene
Concen: 6.81 ng
RT: 21.321 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BP007344.D
Acq: 06 Oct 2021 01:44

Tgt Ion:228 Resp: 379045
Ion Ratio Lower Upper
228 100
226 31.7 21.6 32.4
229 21.4 15.8 23.6

Instrument :
BNA_P
ClientSampleId :
SU-03-100421

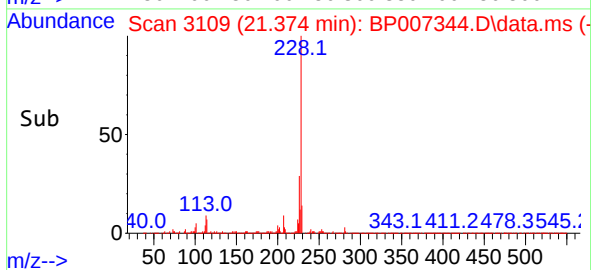
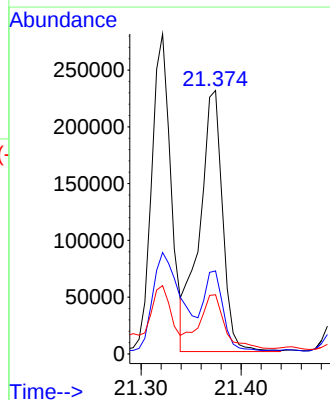
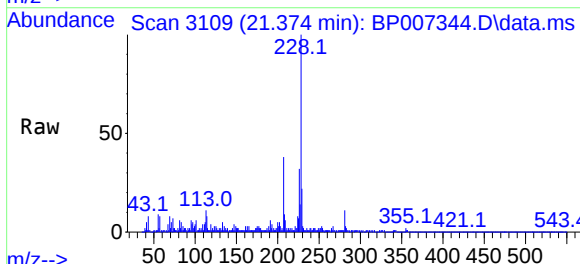
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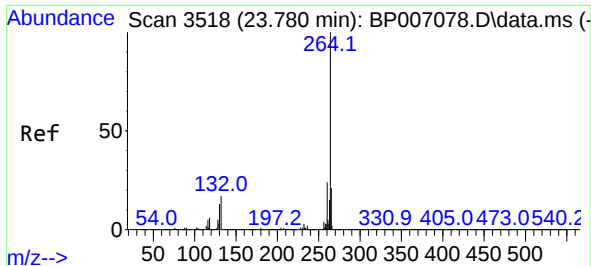
mohammad
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#83
Chrysene
Concen: 6.97 ng m
RT: 21.374 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BP007344.D
Acq: 06 Oct 2021 01:44

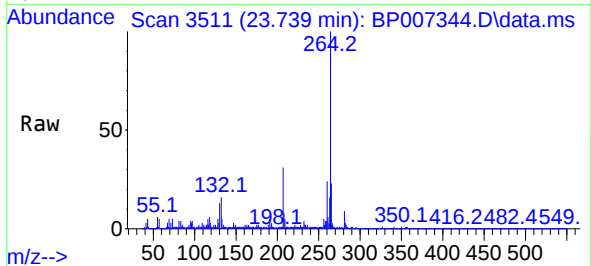
Tgt Ion:228 Resp: 370785
Ion Ratio Lower Upper
228 100
226 31.5 23.8 35.6
229 22.5 15.4 23.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.739 min Scan# 3511
Delta R.T. -0.006 min
Lab File: BP007344.D
Acq: 06 Oct 2021 01:44

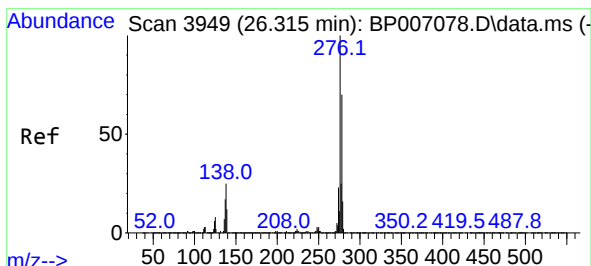
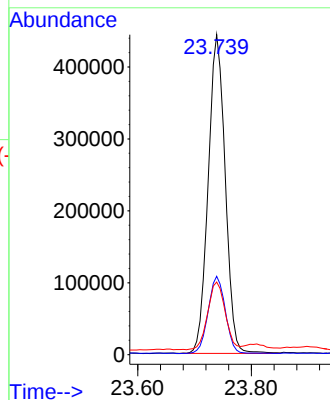
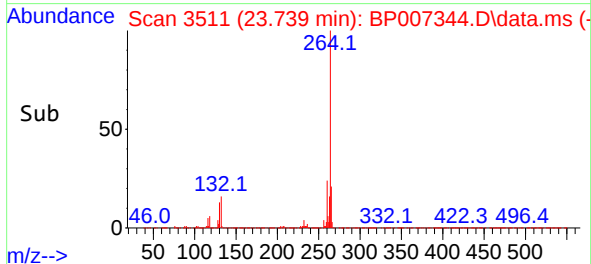
Instrument :
BNA_P
ClientSampleId :
SU-03-100421



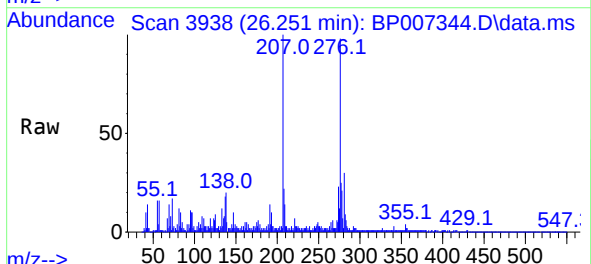
Tgt Ion:264 Resp: 919829
Ion Ratio Lower Upper
264 100
260 24.5 18.6 28.0
265 22.7 17.6 26.4

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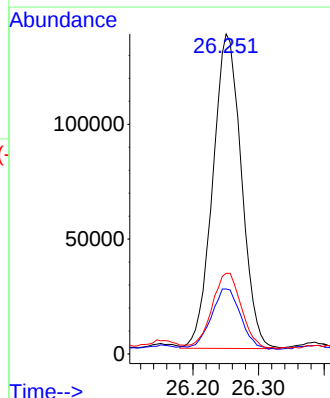
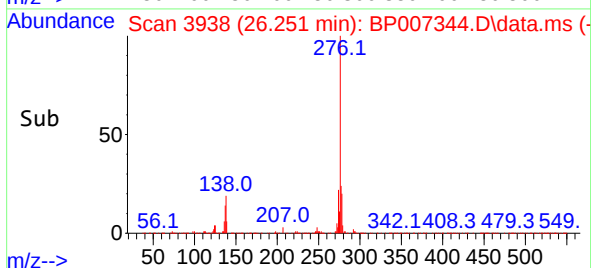
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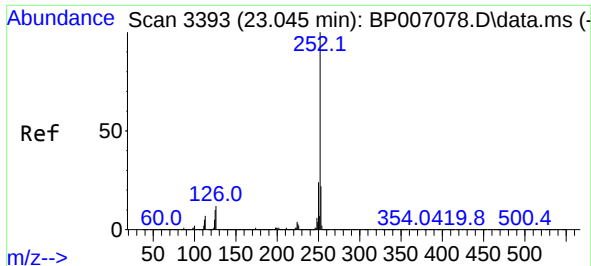


#87
Indeno(1,2,3-cd)pyrene
Concen: 6.28 ng
RT: 26.251 min Scan# 3938
Delta R.T. -0.017 min
Lab File: BP007344.D
Acq: 06 Oct 2021 01:44



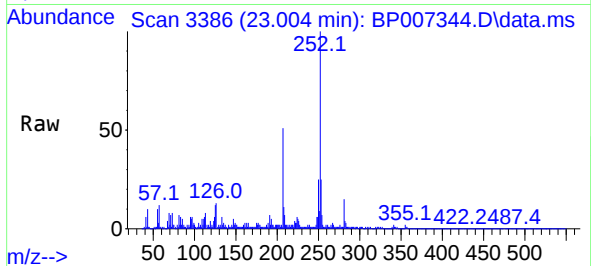
Tgt Ion:276 Resp: 415006
Ion Ratio Lower Upper
276 100
138 19.7 15.3 22.9
277 24.4 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 12.13 ng
RT: 23.004 min Scan# 3386
Delta R.T. -0.006 min
Lab File: BP007344.D
Acq: 06 Oct 2021 01:44

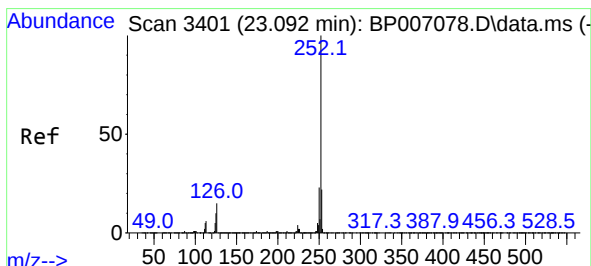
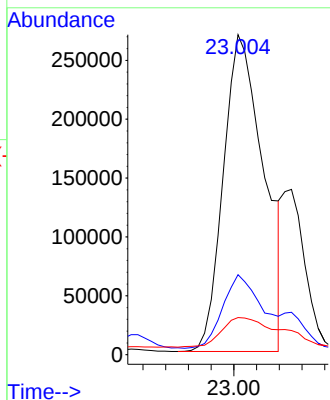
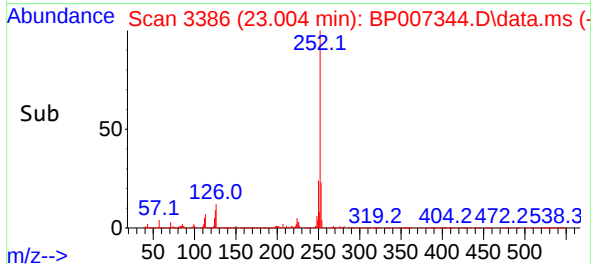
Instrument :
BNA_P
ClientSampleId :
SU-03-100421



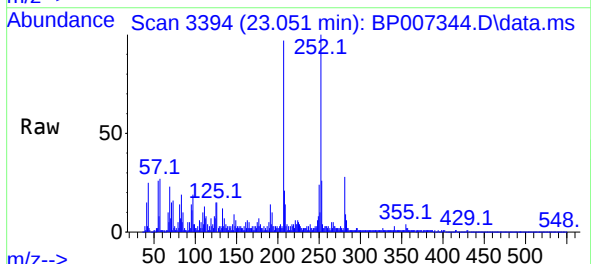
Tgt Ion:252 Resp: 666808
Ion Ratio Lower Upper
252 100
253 25.0 17.5 26.3
125 11.6 6.2 9.4#

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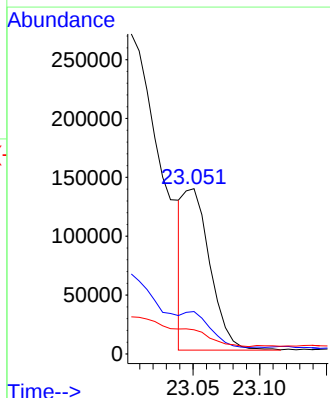
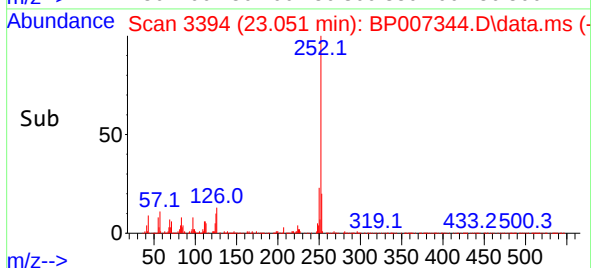
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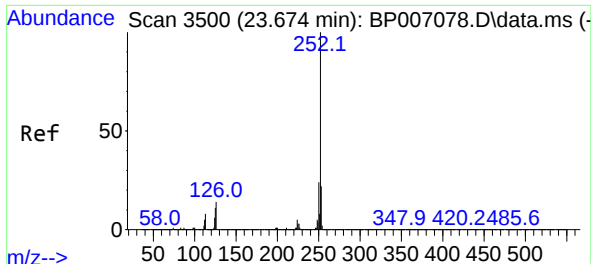


#89
Benzo(k)fluoranthene
Concen: 3.41 ng m
RT: 23.051 min Scan# 3394
Delta R.T. -0.006 min
Lab File: BP007344.D
Acq: 06 Oct 2021 01:44



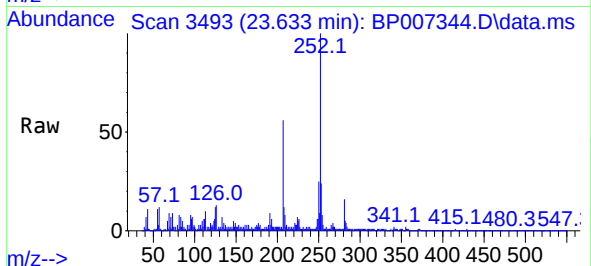
Tgt Ion:252 Resp: 189673
Ion Ratio Lower Upper
252 100
253 25.6 17.6 26.4
125 14.6 6.0 9.0#





#90
Benzo(a)pyrene
Concen: 10.58 ng
RT: 23.633 min Scan# 3493
Delta R.T. -0.006 min
Lab File: BP007344.D
Acq: 06 Oct 2021 01:44

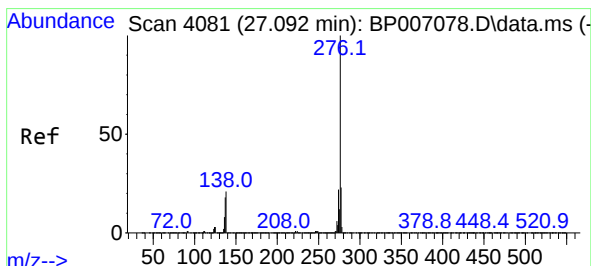
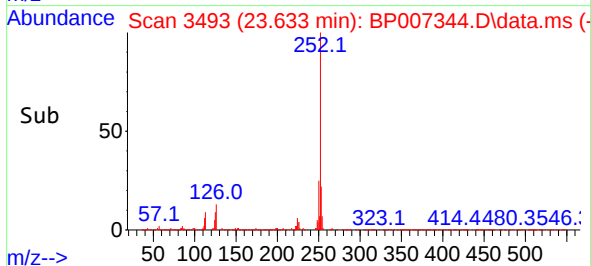
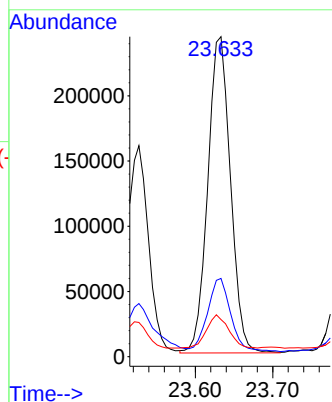
Instrument :
BNA_P
ClientSampleId :
SU-03-100421



Tgt Ion:252 Resp: 493958
Ion Ratio Lower Upper
252 100
253 24.5 17.9 26.9
125 11.6 6.5 9.7#

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#92
Benzo(g,h,i)perylene
Concen: 7.60 ng
RT: 27.027 min Scan# 4070
Delta R.T. -0.017 min
Lab File: BP007344.D
Acq: 06 Oct 2021 01:44

Tgt Ion:276 Resp: 410726
Ion Ratio Lower Upper
276 100
277 25.2 18.9 28.3
138 22.3 12.6 18.8#

