

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060321\
 Data File : BP005700.D
 Acq On : 03 Jun 2021 22:38
 Operator : CG/JU
 Sample : M2580-09DL 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B3(4-6)DL

Manual Integrations
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 6/4/2021 9:34:58 AM

Quant Time: Jun 04 01:05:49 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 27 16:11:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	193897	20.00	ng	0.00
21) Naphthalene-d8	10.792	136	737346	20.00	ng	# 0.00
39) Acenaphthene-d10	14.610	164	442878	20.00	ng	0.00
64) Phenanthrene-d10	17.357	188	897586	20.00	ng	# 0.00
76) Chrysene-d12	21.421	240	895746	20.00	ng	# 0.00
86) Perylene-d12	23.868	264	1029181	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	2635	0.21	ng	0.00
7) Phenol-d6	7.145	99	38679	2.28	ng	0.00
23) Nitrobenzene-d5	9.145	82	286218	21.59	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	197	0.03	ng	0.01
45) 2-Fluorobiphenyl	13.239	172	678296	20.27	ng	0.00
79) Terphenyl-d14	19.892	244	993474	20.81	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.845	128	134193	3.06	ng	99
37) 2-Methylnaphthalene	12.445	142	113189	3.64	ng	# 90
38) 1-Methylnaphthalene	12.663	142	70898	2.40	ng	# 95
50) Dimethylphthalate	14.063	163	70940	2.01	ng	99
52) Acenaphthene	14.674	154	183053	6.18	ng	97
55) Dibenzofuran	15.004	168	105771	2.33	ng	97
58) Fluorene	15.651	166	152097	4.19	ng	98
71) Phenanthrene	17.398	178	2411457	43.12	ng	99
72) Anthracene	17.486	178	566191	10.25	ng	100
75) Fluoranthene	19.351	202	1709060	25.46	ng	96
78) Pyrene	19.704	202	2014740	31.88	ng	99
81) Benzo(a)anthracene	21.404	228	848634	12.91	ng	96
83) Chrysene	21.456	228	787288	12.37	ng	97
87) Indeno(1,2,3-cd)pyrene	26.439	276	376479	4.30	ng	# 94
88) Benzo(b)fluoranthene	23.121	252	778404	10.42	ng	# 92
89) Benzo(k)fluoranthene	23.162	252	264573m	3.74	ng	
90) Benzo(a)pyrene	23.756	252	678991	10.00	ng	# 91
92) Benzo(g,h,i)perylene	27.233	276	372851	5.09	ng	# 90

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

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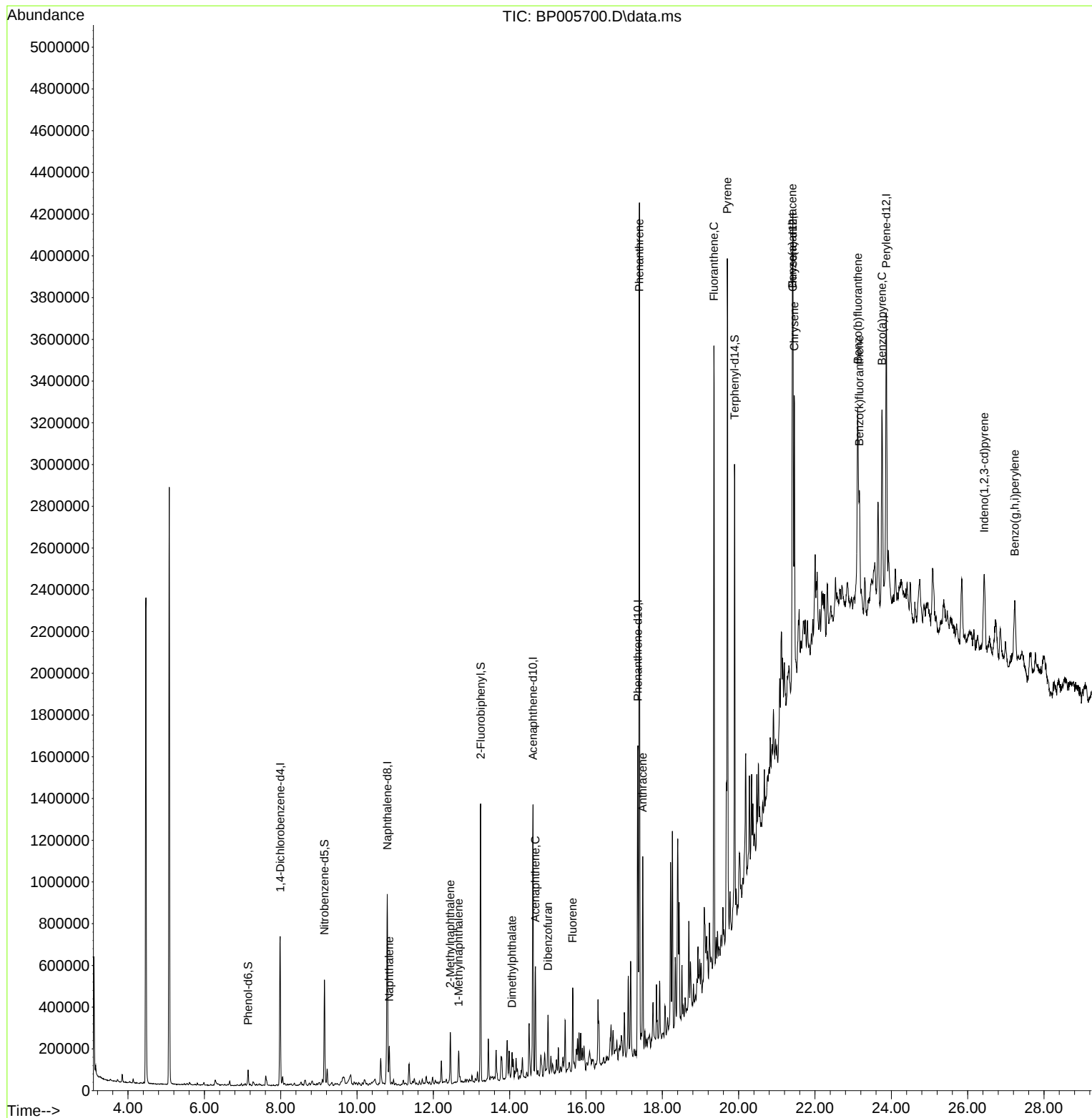
Instrument :
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18-B3(4-6)DL

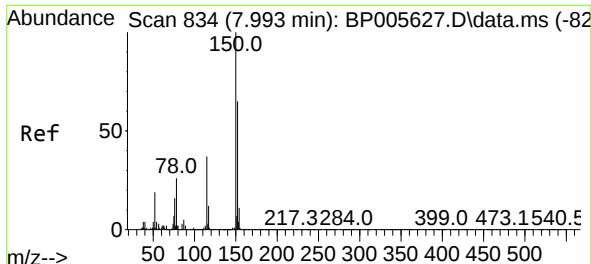
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#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BP005700.D
Acq: 03 Jun 2021 22:38

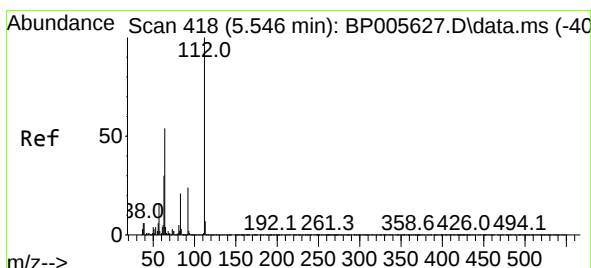
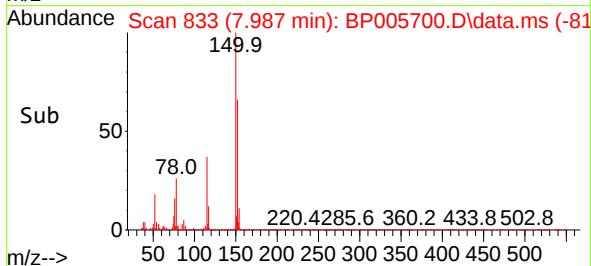
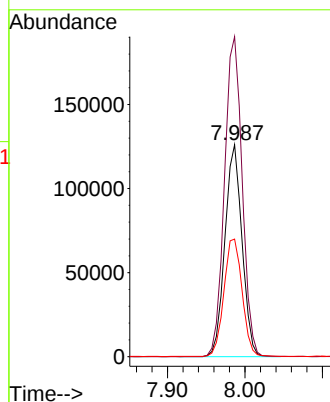
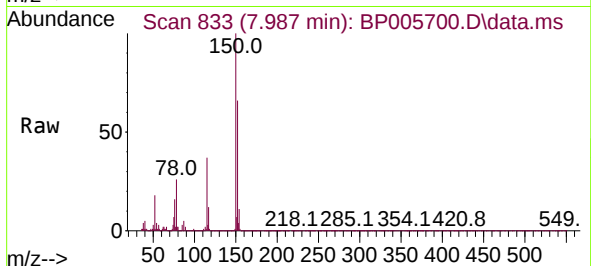
Tgt Ion:152 Resp: 193897
Ion Ratio Lower Upper
152 100
150 150.9 119.8 179.8
115 55.5 49.0 73.4

Instrument :
BNA_P
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18-B3(4-6)DL

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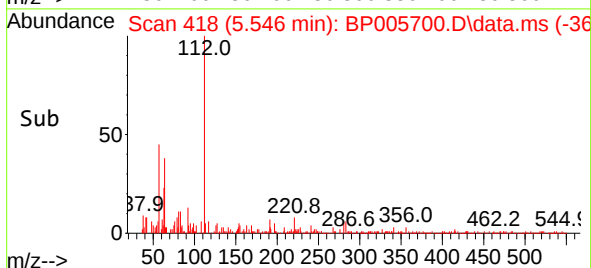
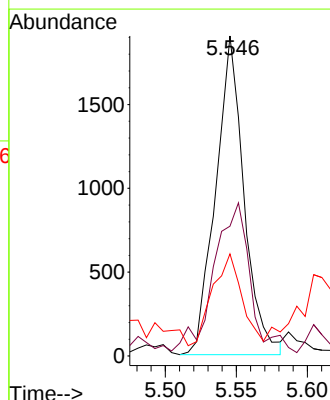
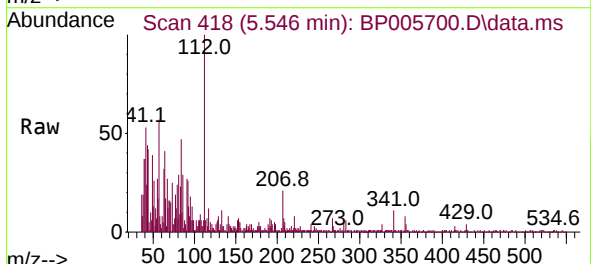
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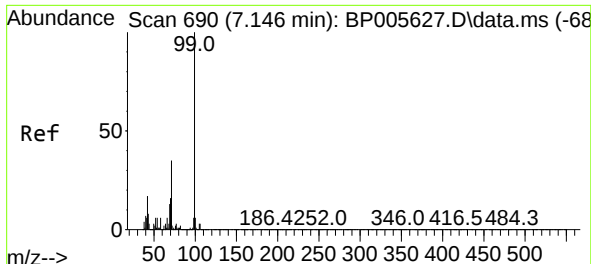
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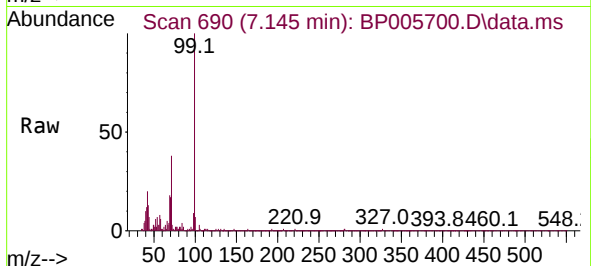
#5
2-Fluorophenol
Concen: 0.21 ng
RT: 5.546 min Scan# 418
Delta R.T. -0.000 min
Lab File: BP005700.D
Acq: 03 Jun 2021 22:38

Tgt Ion:112 Resp: 2635
Ion Ratio Lower Upper
112 100
64 40.5 33.6 50.4
63 31.9 18.6 27.8#

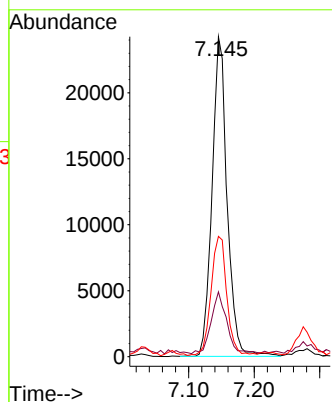




#7
Phenol-d6
Concen: 2.28 ng
RT: 7.145 min Scan# 690
Delta R.T. -0.000 min
Lab File: BP005700.D
Acq: 03 Jun 2021 22:38



Tgt Ion: 99 Resp: 38679
Ion Ratio Lower Upper
99 100
42 20.2 12.9 19.3#
71 37.6 26.7 40.1

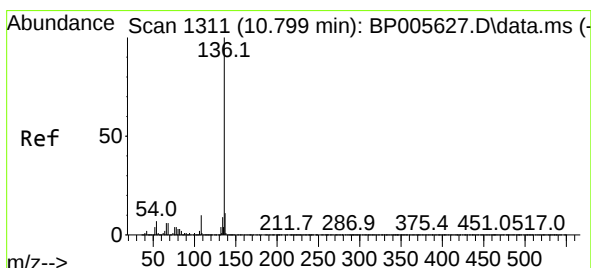
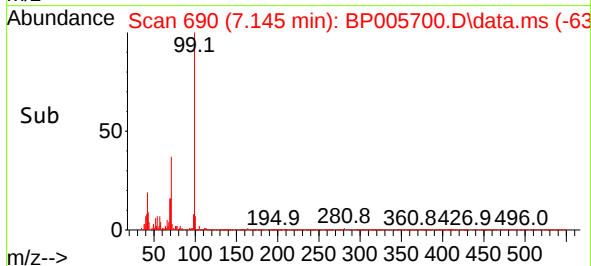


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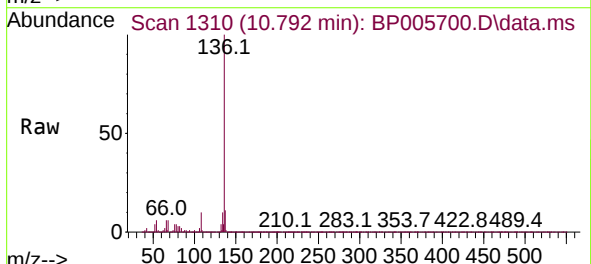
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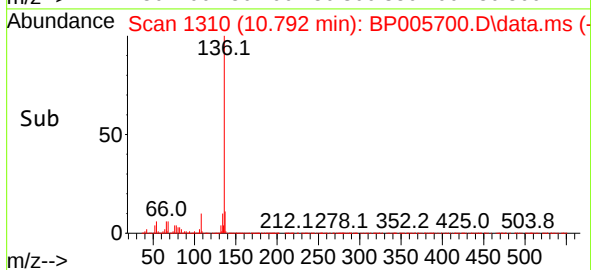
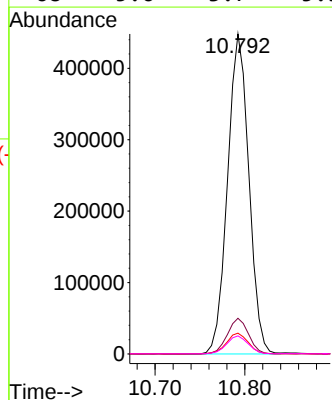
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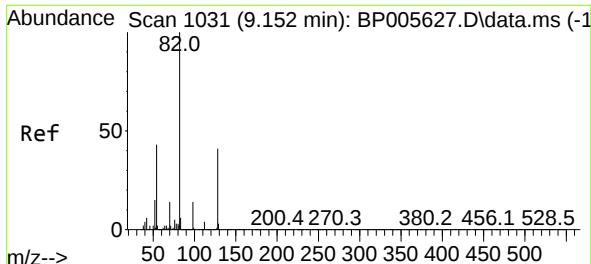


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.792 min Scan# 1310
Delta R.T. -0.007 min
Lab File: BP005700.D
Acq: 03 Jun 2021 22:38



Tgt Ion: 136 Resp: 737346
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 6.5 5.0 7.4
68 5.6 3.7 5.5#





#23
Nitrobenzene-d5
Concen: 21.59 ng
RT: 9.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP005700.D
Acq: 03 Jun 2021 22:38

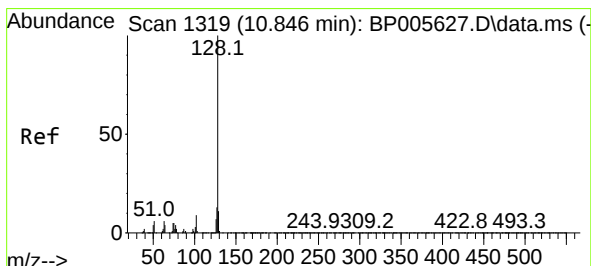
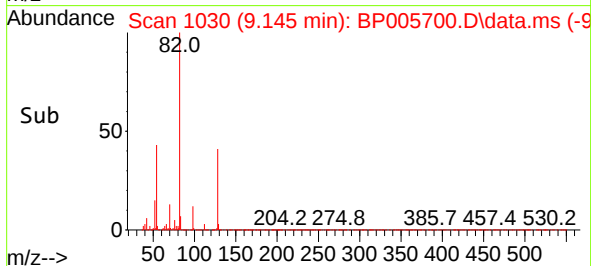
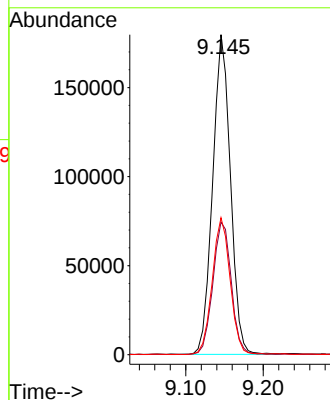
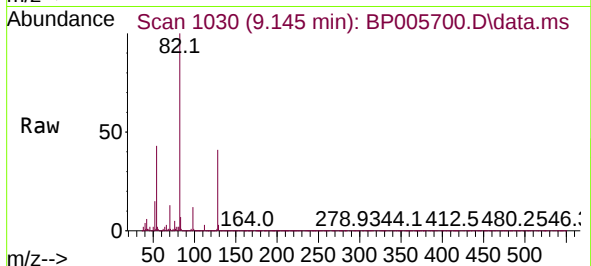
Tgt Ion: 82 Resp: 286218
Ion Ratio Lower Upper
82 100
128 41.4 30.5 45.7
54 42.8 33.9 50.9

Instrument :
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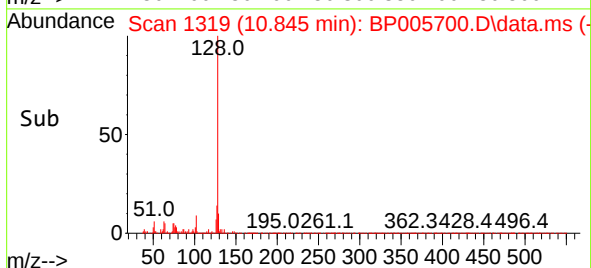
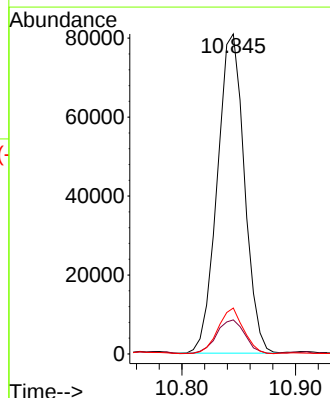
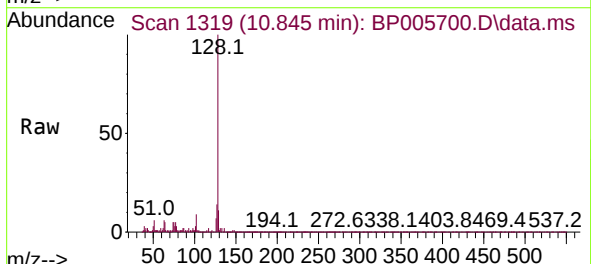
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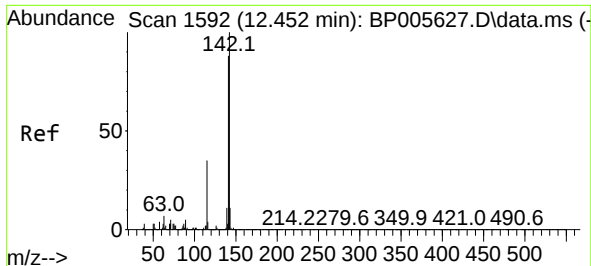
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#31
Naphthalene
Concen: 3.06 ng
RT: 10.845 min Scan# 1319
Delta R.T. -0.001 min
Lab File: BP005700.D
Acq: 03 Jun 2021 22:38

Tgt Ion: 128 Resp: 134193
Ion Ratio Lower Upper
128 100
129 10.6 8.0 12.0
127 14.3 11.1 16.7





#37
2-Methylnaphthalene
Concen: 3.64 ng
RT: 12.445 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BP005700.D
Acq: 03 Jun 2021 22:38

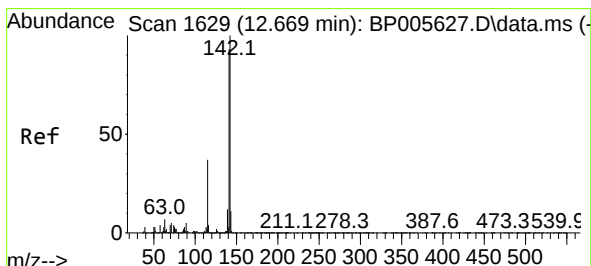
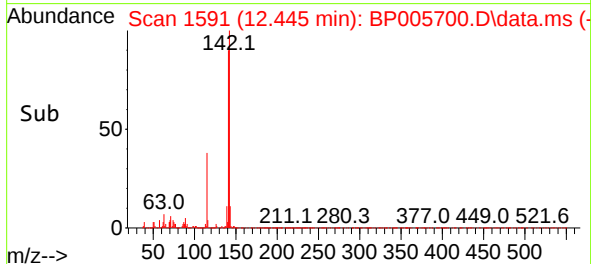
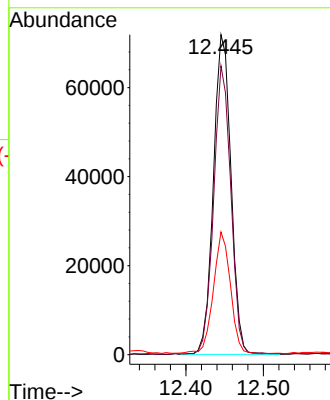
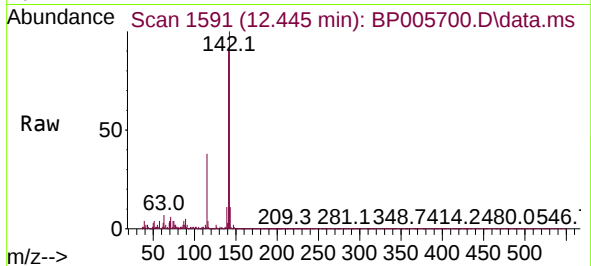
Tgt Ion:142 Resp: 113189
Ion Ratio Lower Upper
142 100
141 90.3 74.7 112.1
115 38.4 43.8 65.8#

Instrument :
BNA_P
ClientSampleId :
18-B3(4-6)DL

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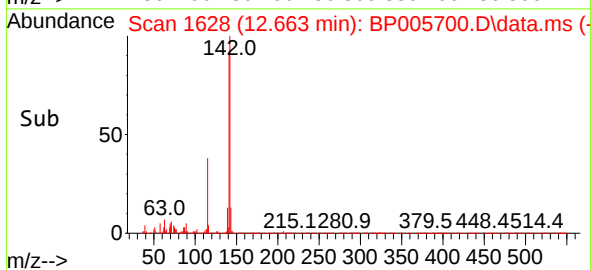
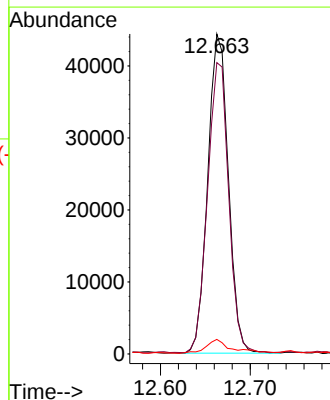
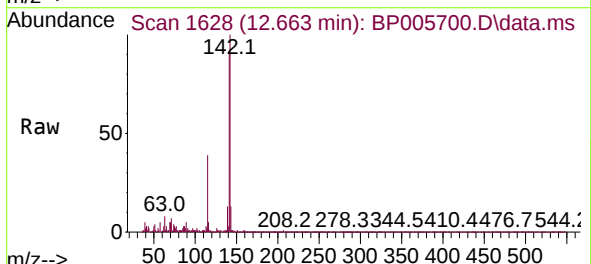
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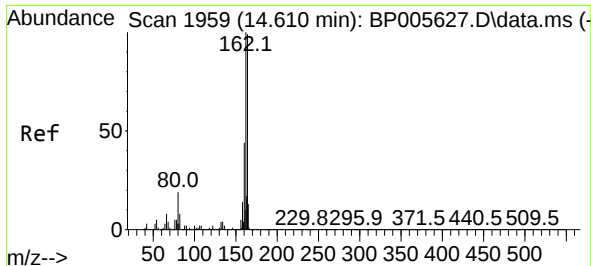
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#38
1-Methylnaphthalene
Concen: 2.40 ng
RT: 12.663 min Scan# 1628
Delta R.T. -0.006 min
Lab File: BP005700.D
Acq: 03 Jun 2021 22:38

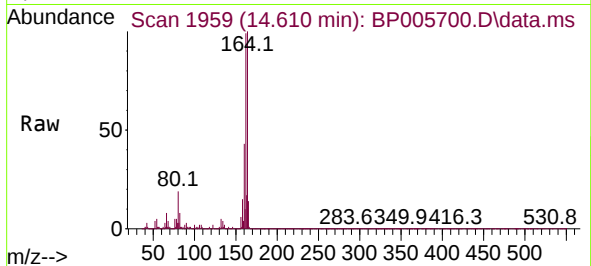
Tgt Ion:142 Resp: 70898
Ion Ratio Lower Upper
142 100
141 91.1 77.0 115.6
116 4.6 5.0 7.6#





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.610 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BP005700.D
Acq: 03 Jun 2021 22:38

Instrument :
BNA_P
ClientSampleID :
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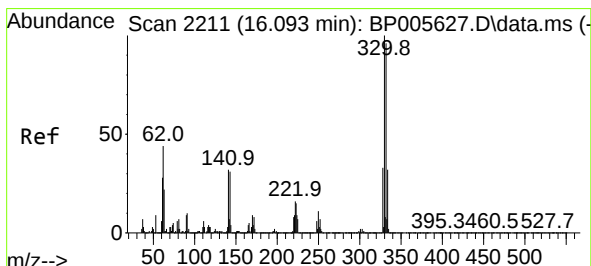
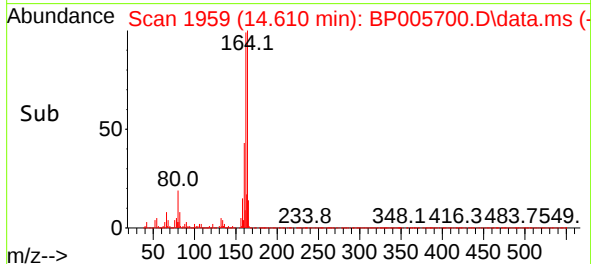
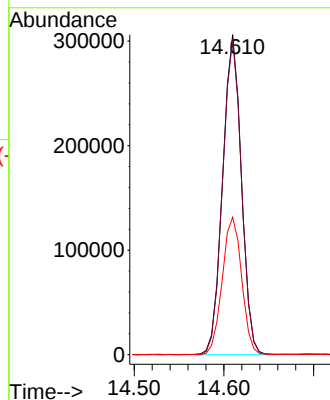


Tgt Ion:164 Resp: 442878
Ion Ratio Lower Upper
164 100
162 98.6 73.5 110.3
160 43.0 40.6 61.0

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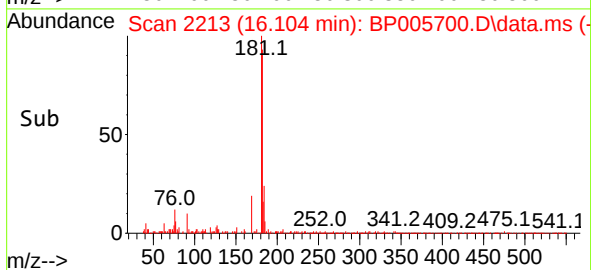
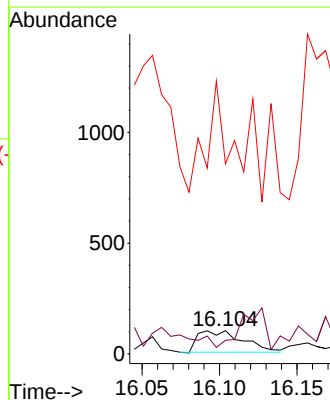
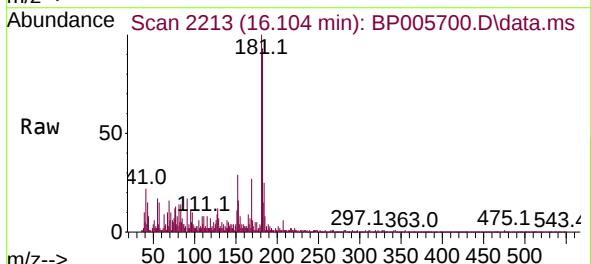
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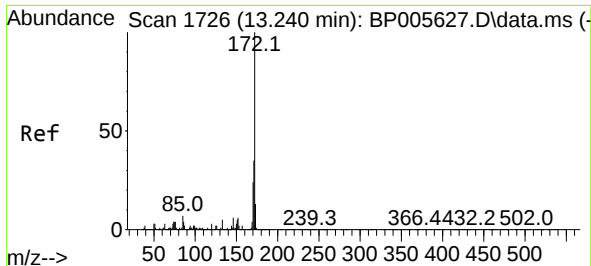
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#42
2,4,6-Tribromophenol
Concen: 0.03 ng
RT: 16.104 min Scan# 2213
Delta R.T. 0.011 min
Lab File: BP005700.D
Acq: 03 Jun 2021 22:38

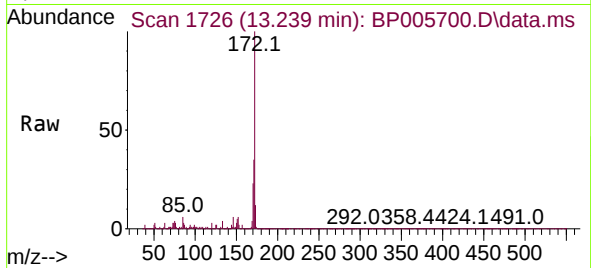
Tgt Ion:330 Resp: 197
Ion Ratio Lower Upper
330 100
332 0.0 76.3 114.5#
141 234.0 22.8 34.2#





#45
2-Fluorobiphenyl
Concen: 20.27 ng
RT: 13.239 min Scan# 1726
Delta R.T. -0.001 min
Lab File: BP005700.D
Acq: 03 Jun 2021 22:38

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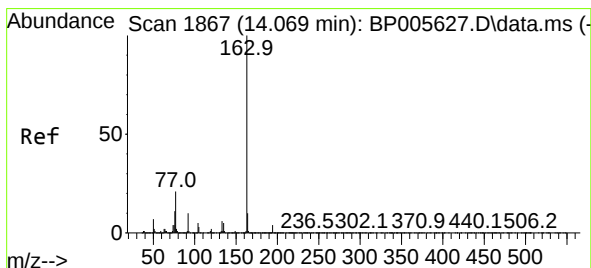
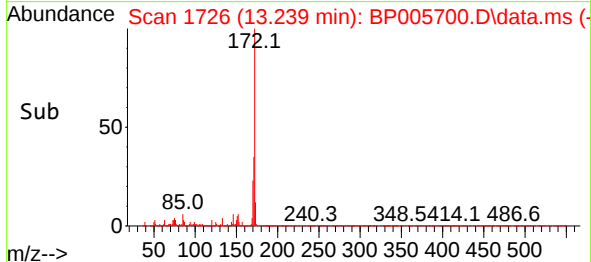
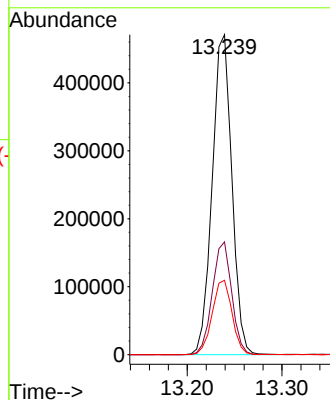


Tgt Ion:172 Resp: 678296
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.3 19.6 29.4

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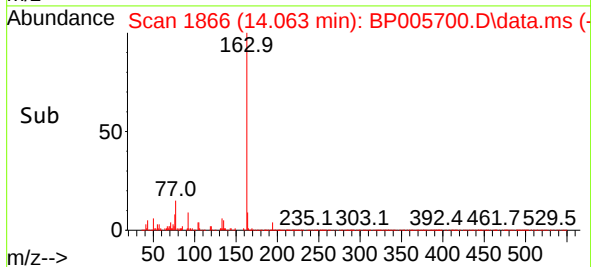
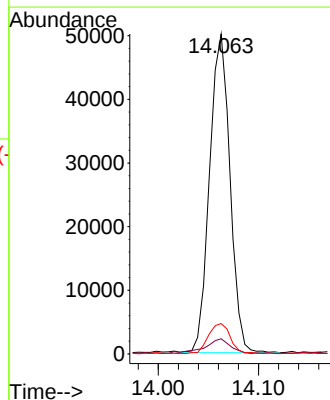
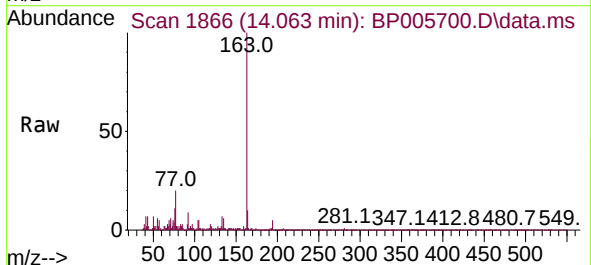
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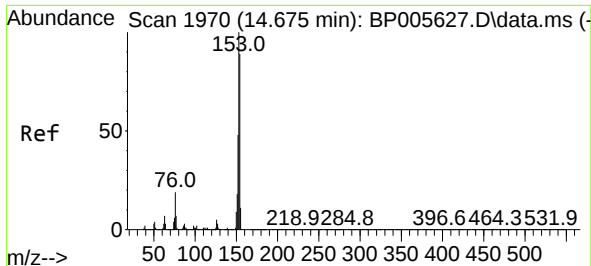
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#50
Dimethylphthalate
Concen: 2.01 ng
RT: 14.063 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP005700.D
Acq: 03 Jun 2021 22:38

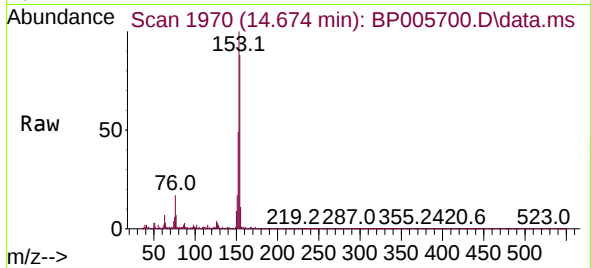
Tgt Ion:163 Resp: 70940
Ion Ratio Lower Upper
163 100
194 4.8 3.9 5.9
164 9.5 8.1 12.1





#52
Acenaphthene
Concen: 6.18 ng
RT: 14.674 min Scan# 1970
Delta R.T. -0.000 min
Lab File: BP005700.D
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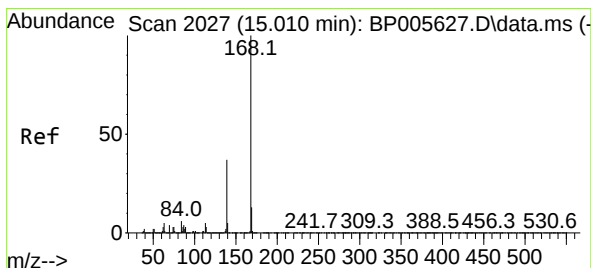
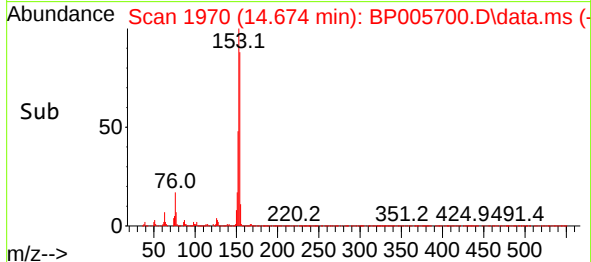
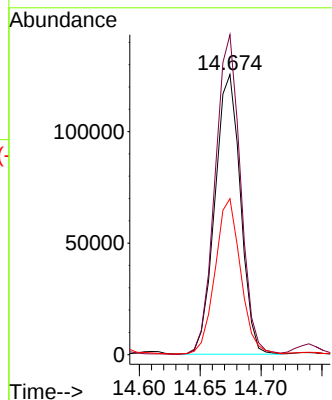


Tgt Ion:154 Resp: 183053
Ion Ratio Lower Upper
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153 114.2 90.9 136.3
152 55.7 48.5 72.7

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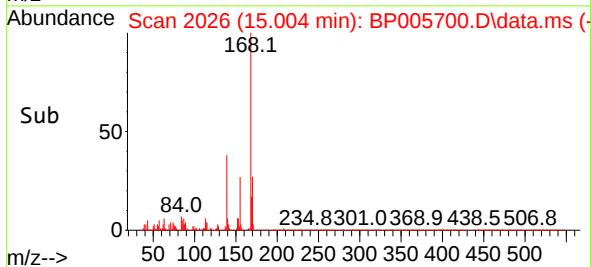
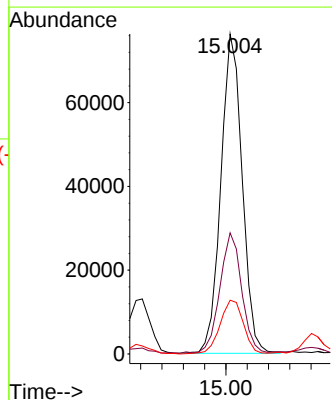
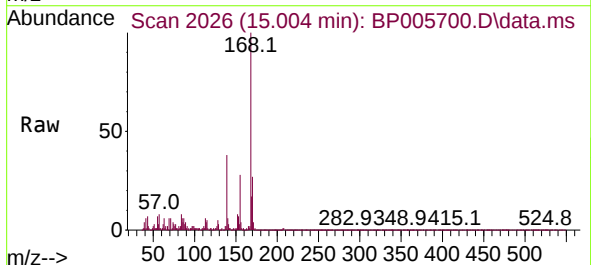
mohammad

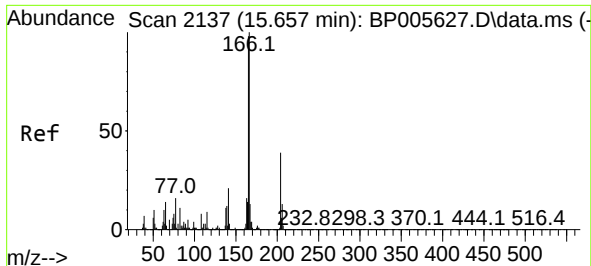
6/4/2021 9:34:58 AM



#55
Dibenzofuran
Concen: 2.33 ng
RT: 15.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BP005700.D
Acq: 03 Jun 2021 22:38

Tgt Ion:168 Resp: 105771
Ion Ratio Lower Upper
168 100
139 37.8 31.4 47.0
169 16.8 11.4 17.0





#58
Fluorene
Concen: 4.19 ng
RT: 15.651 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BP005700.D
Acq: 03 Jun 2021 22:38

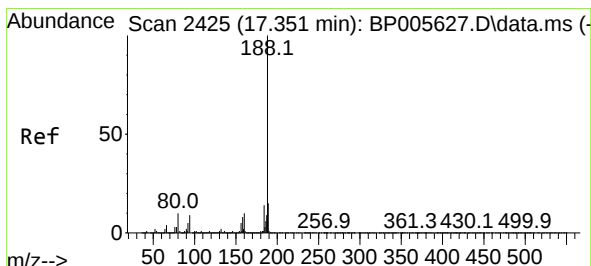
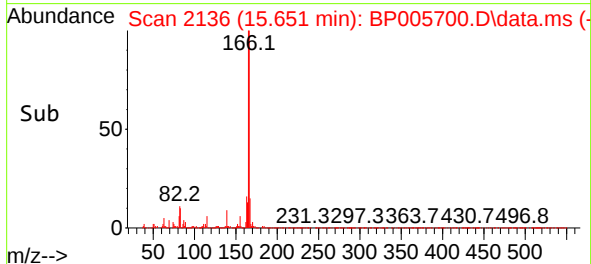
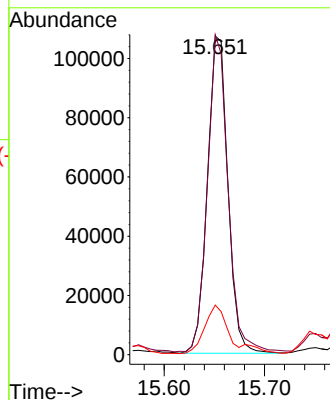
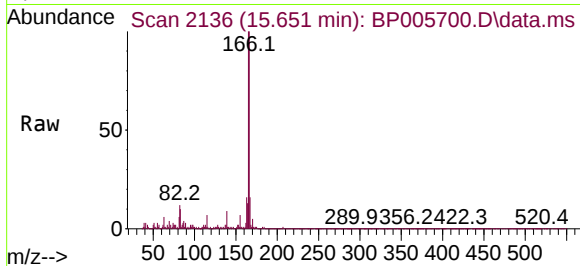
Tgt Ion:166 Resp: 152097
Ion Ratio Lower Upper
166 100
165 100.5 78.8 118.2
167 15.6 10.9 16.3

Instrument :
BNA_P
ClientSampleID :
18-B3(4-6)DL

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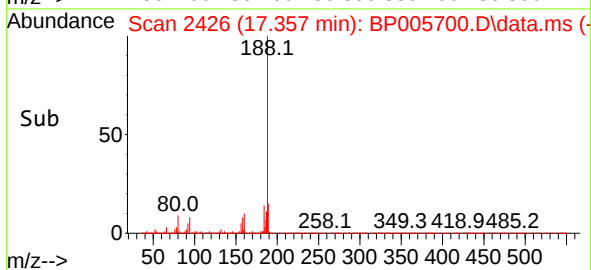
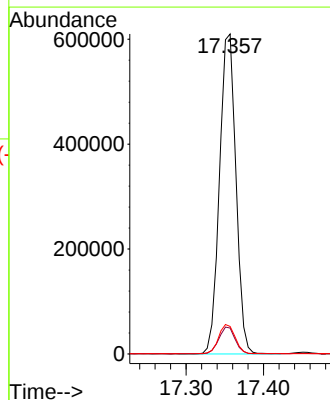
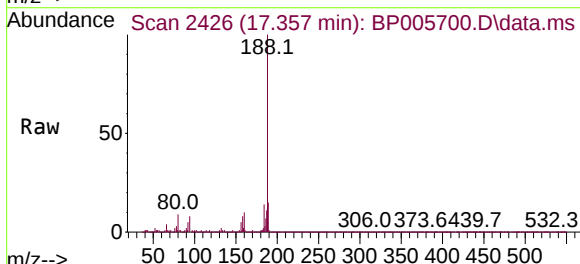
mohammad

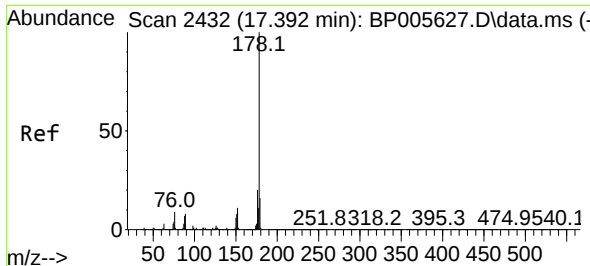
6/4/2021 9:34:58 AM



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.357 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP005700.D
Acq: 03 Jun 2021 22:38

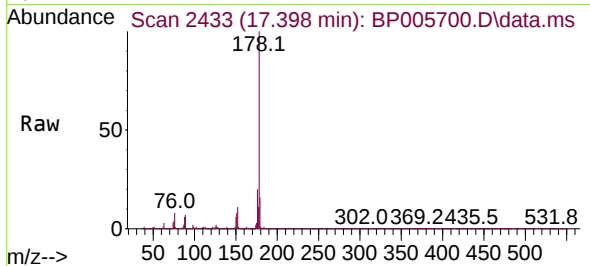
Tgt Ion:188 Resp: 897586
Ion Ratio Lower Upper
188 100
94 8.1 5.0 7.6#
80 8.6 5.9 8.9





#71
Phenanthrene
Concen: 43.12 ng
RT: 17.398 min Scan# 2433
Delta R.T. 0.005 min
Lab File: BP005700.D
Acq: 03 Jun 2021 22:38

Instrument :
BNA_P
ClientSampleID :
18-B3(4-6)DL

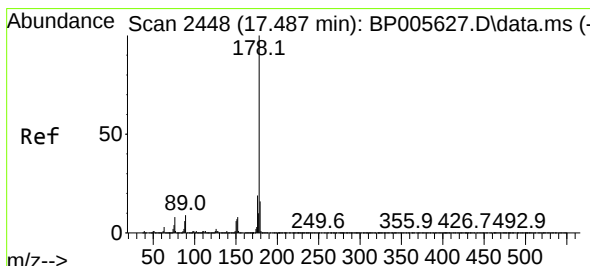
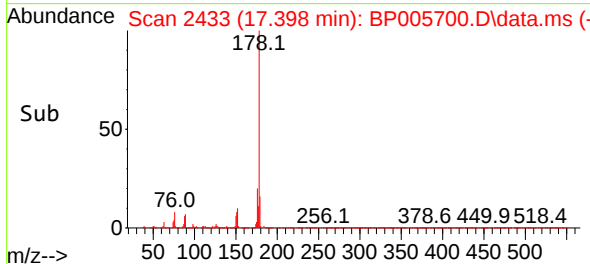
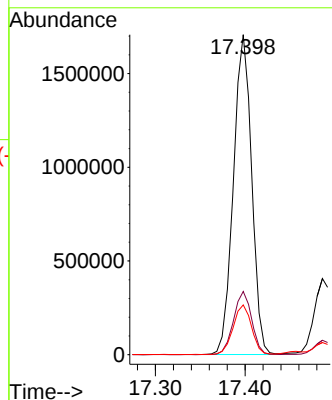


Tgt Ion:178 Resp: 2411457
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 15.6 12.3 18.5

Manual Integrations
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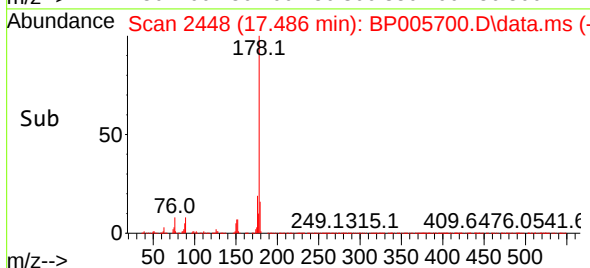
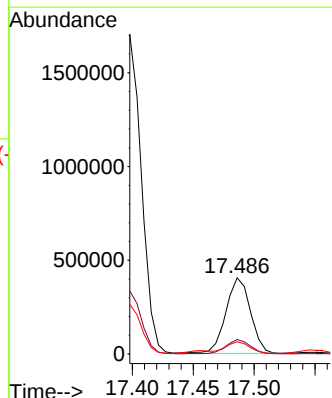
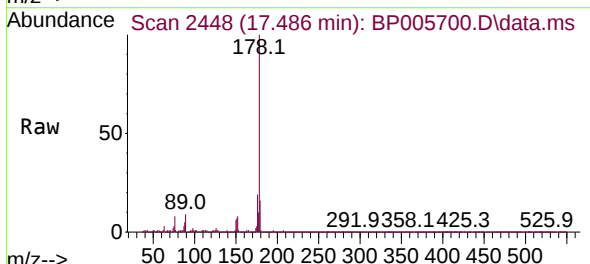
mohammad

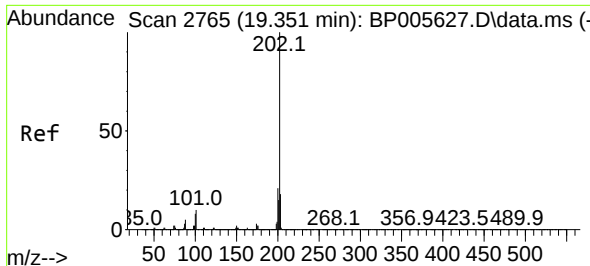
6/4/2021 9:34:58 AM



#72
Anthracene
Concen: 10.25 ng
RT: 17.486 min Scan# 2448
Delta R.T. -0.000 min
Lab File: BP005700.D
Acq: 03 Jun 2021 22:38

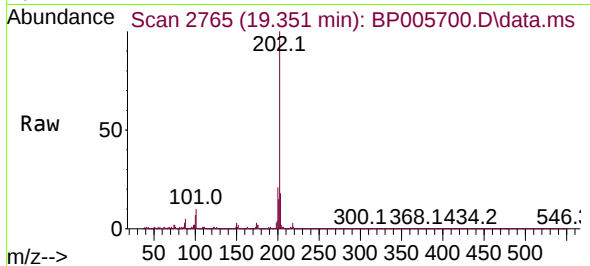
Tgt Ion:178 Resp: 566191
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 15.9 12.6 19.0





#75
Fluoranthene
Concen: 25.46 ng
RT: 19.351 min Scan# 2765
Delta R.T. -0.001 min
Lab File: BP005700.D
Acq: 03 Jun 2021 22:38

Instrument :
BNA_P
ClientSampleID :
18-B3(4-6)DL

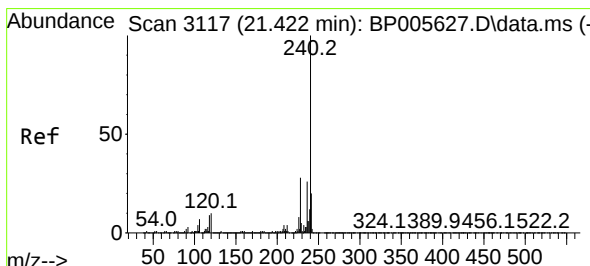
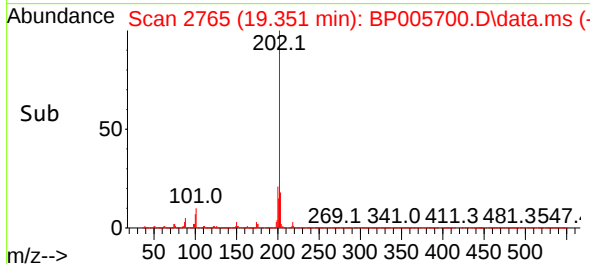
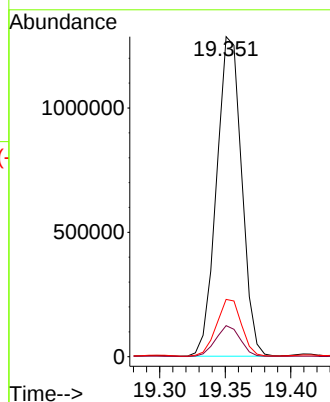


Tgt Ion:202 Resp: 1709060
Ion Ratio Lower Upper
202 100
101 9.7 0.0 26.1
203 17.9 0.0 37.2

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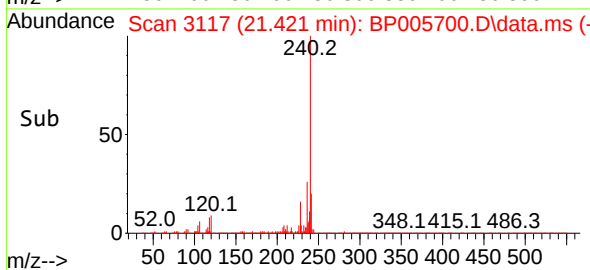
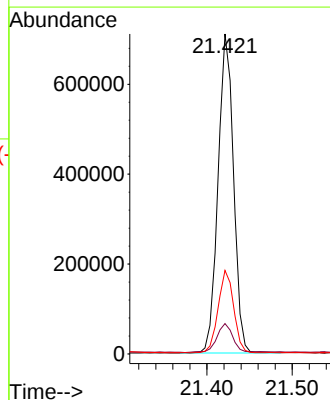
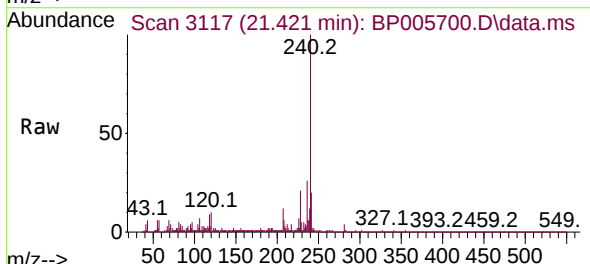
mohammad

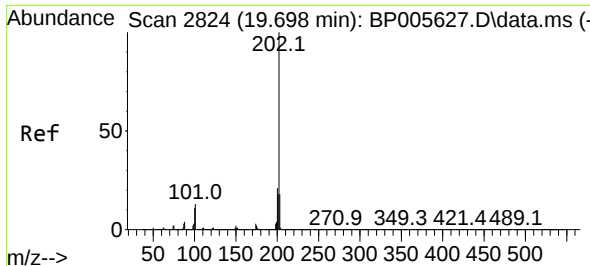
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.421 min Scan# 3117
Delta R.T. -0.001 min
Lab File: BP005700.D
Acq: 03 Jun 2021 22:38

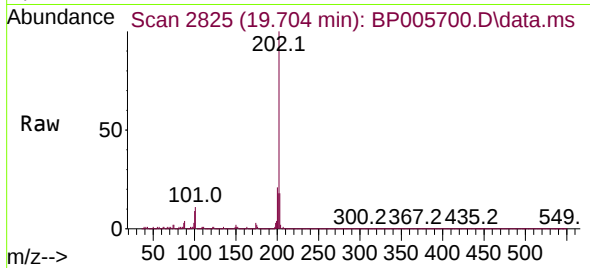
Tgt Ion:240 Resp: 895746
Ion Ratio Lower Upper
240 100
120 9.5 4.2 6.2#
236 26.1 20.2 30.2





#78
 Pyrene
 Concen: 31.88 ng
 RT: 19.704 min Scan# 2825
 Delta R.T. 0.005 min
 Lab File: BP005700.D
 Acq: 03 Jun 2021 22:38

Instrument :
 BNA_P
 ClientSampleID :
 18-B3(4-6)DL

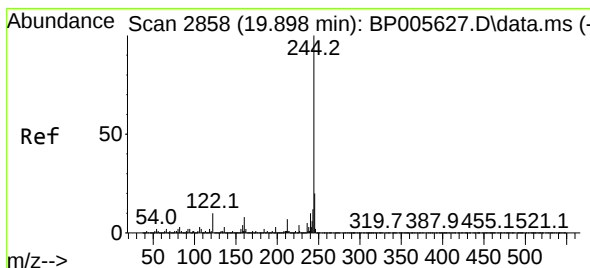
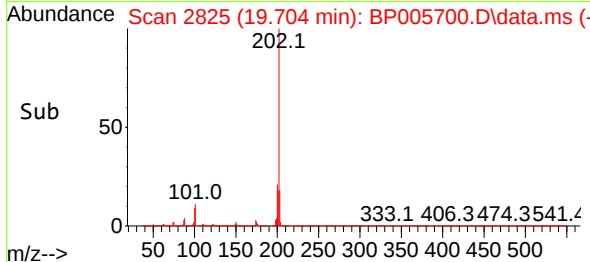
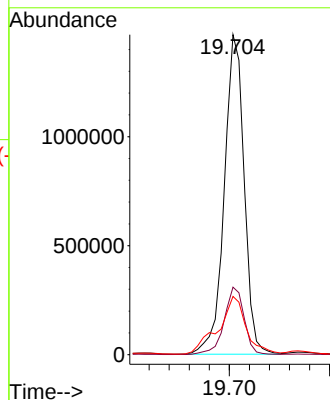


Tgt Ion:202 Resp: 2014740
 Ion Ratio Lower Upper
 202 100
 200 21.1 16.9 25.3
 203 18.2 13.8 20.6

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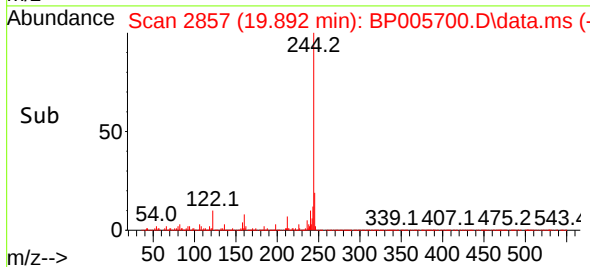
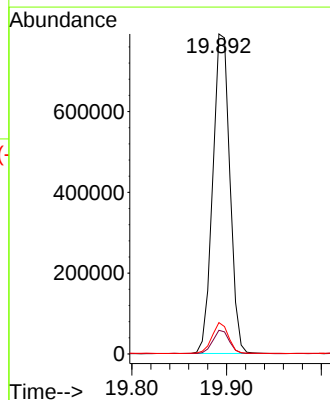
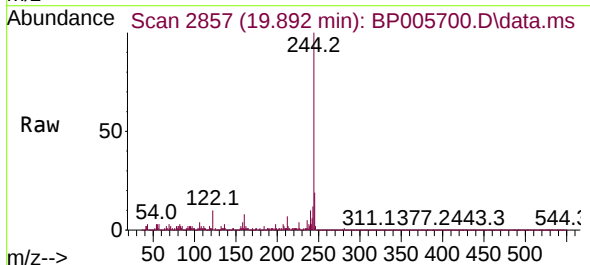
mohammad

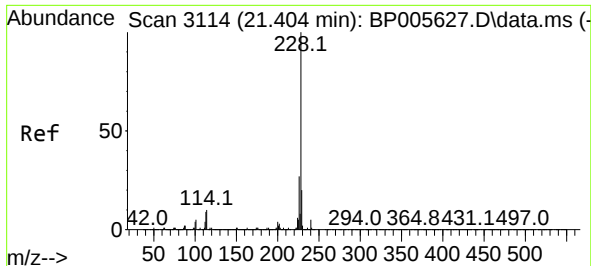
6/4/2021 9:34:58 AM



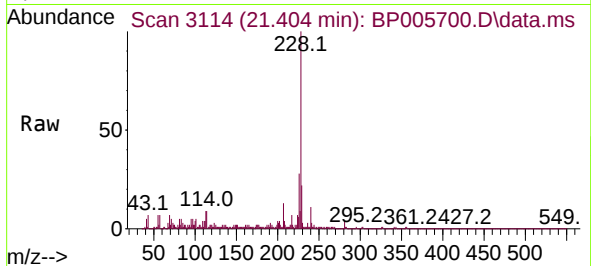
#79
 Terphenyl-d14
 Concen: 20.81 ng
 RT: 19.892 min Scan# 2857
 Delta R.T. -0.006 min
 Lab File: BP005700.D
 Acq: 03 Jun 2021 22:38

Tgt Ion:244 Resp: 993474
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 9.8 5.2 7.8#

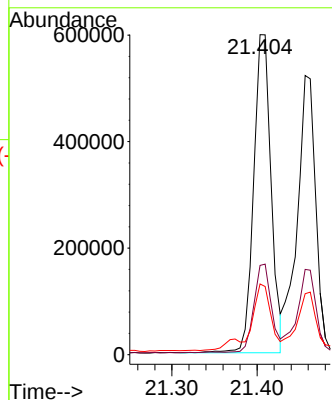
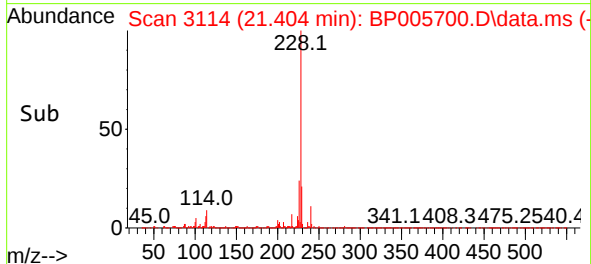




#81
Benzo(a)anthracene
Concen: 12.91 ng
RT: 21.404 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BP005700.D
Acq: 03 Jun 2021 22:38



Tgt Ion:228 Resp: 848634
Ion Ratio Lower Upper
228 100
226 27.9 21.2 31.8
229 22.1 15.6 23.4

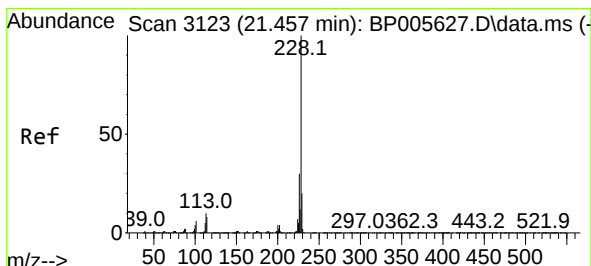


Instrument :
BNA_P
ClientSampleId :
18-B3(4-6)DL

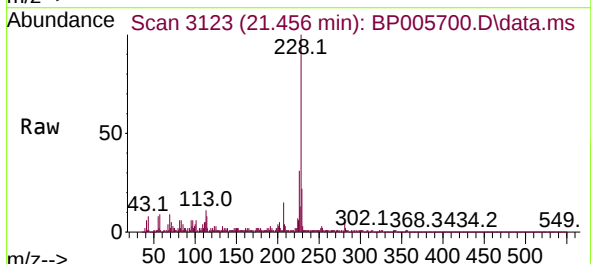
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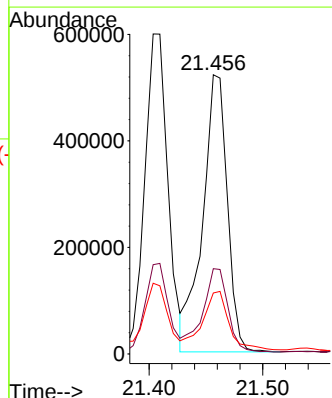
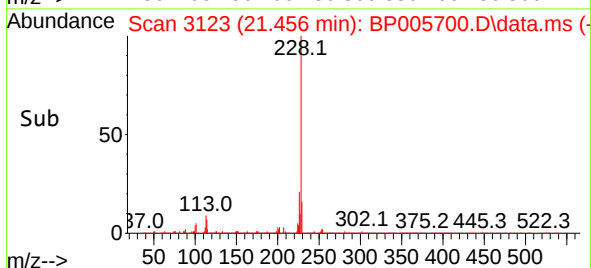
6/4/2021 9:34:58 AM

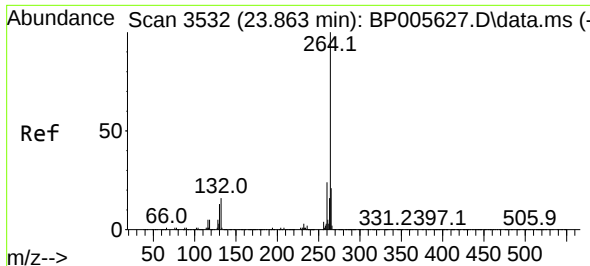


#83
Chrysene
Concen: 12.37 ng
RT: 21.456 min Scan# 3123
Delta R.T. -0.000 min
Lab File: BP005700.D
Acq: 03 Jun 2021 22:38



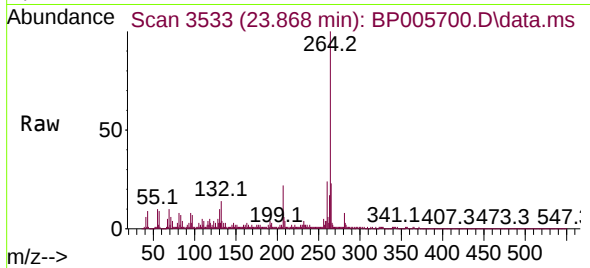
Tgt Ion:228 Resp: 787288
Ion Ratio Lower Upper
228 100
226 30.5 24.8 37.2
229 21.8 15.4 23.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.868 min Scan# 3533
Delta R.T. 0.005 min
Lab File: BP005700.D
Acq: 03 Jun 2021 22:38

Instrument :
BNA_P
ClientSampled :
18-B3(4-6)DL

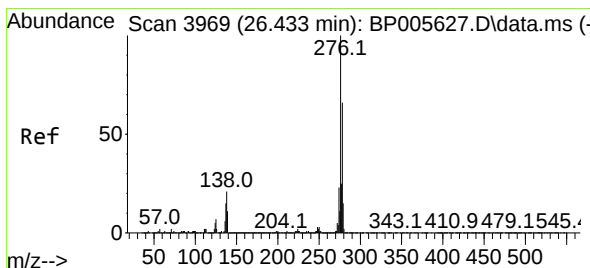
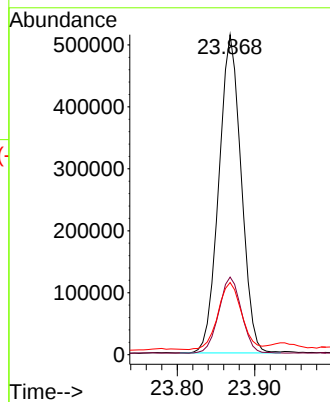
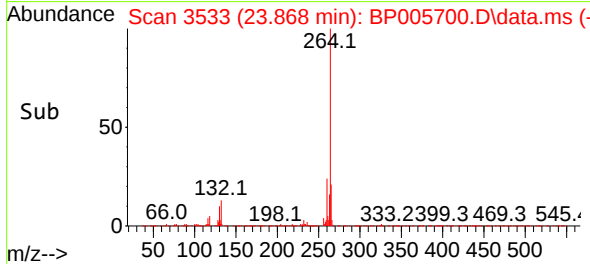


Tgt Ion:264 Resp: 1029181
Ion Ratio Lower Upper
264 100
260 24.2 20.6 30.8
265 22.6 19.0 28.6

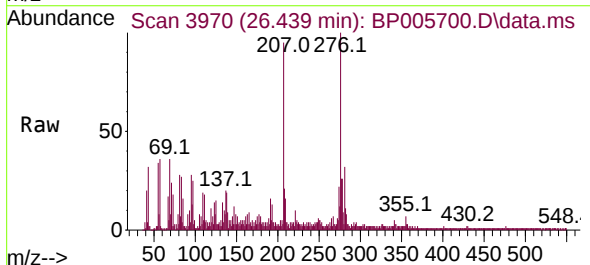
Manual Integrations
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mohammad

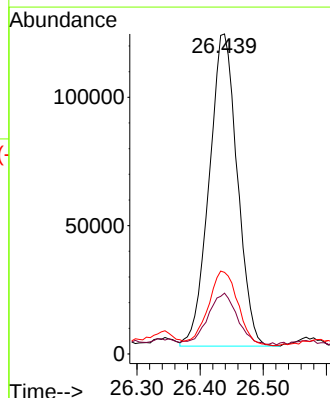
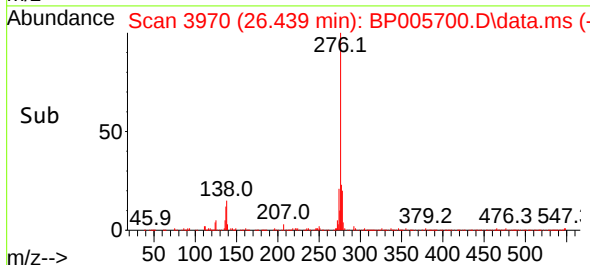
6/4/2021 9:34:58 AM

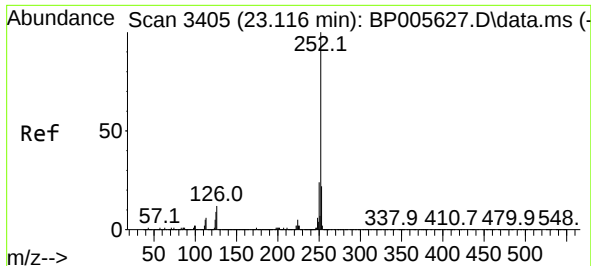


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.30 ng
RT: 26.439 min Scan# 3970
Delta R.T. 0.005 min
Lab File: BP005700.D
Acq: 03 Jun 2021 22:38



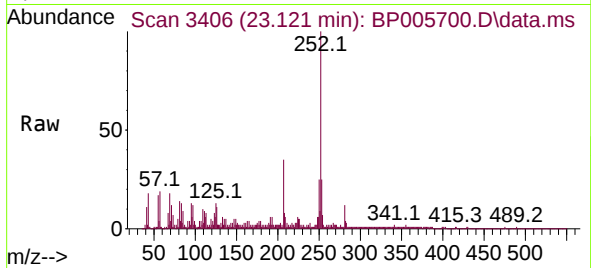
Tgt Ion:276 Resp: 376479
Ion Ratio Lower Upper
276 100
138 16.8 8.4 12.6#
277 25.3 20.6 31.0





#88
Benzo(b)fluoranthene
Concen: 10.42 ng
RT: 23.121 min Scan# 3406
Delta R.T. 0.005 min
Lab File: BP005700.D
Acq: 03 Jun 2021 22:38

Instrument :
BNA_P
ClientSampled :
18-B3(4-6)DL

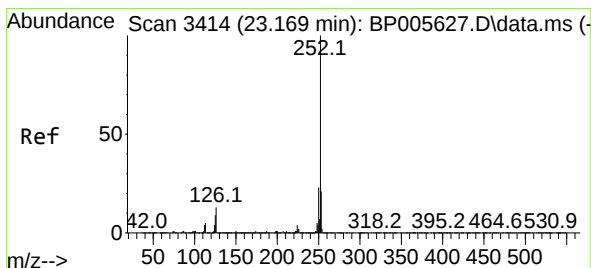
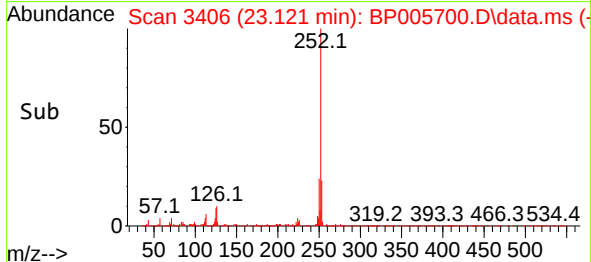
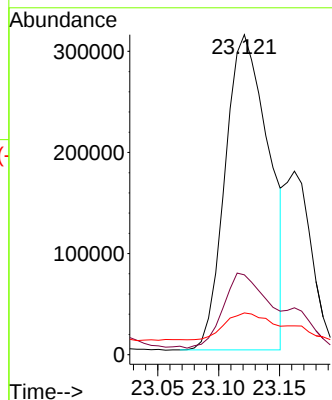


Tgt Ion:252 Resp: 778404
Ion Ratio Lower Upper
252 100
253 24.9 18.2 27.2
125 13.0 3.4 5.0#

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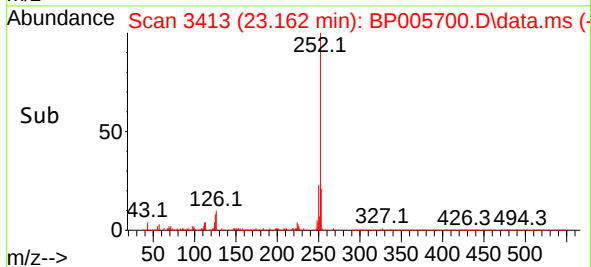
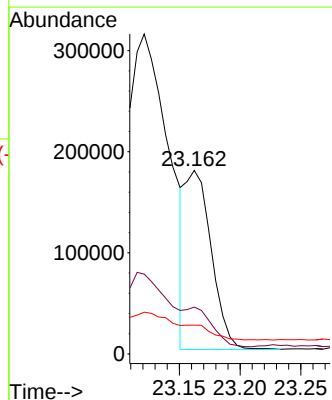
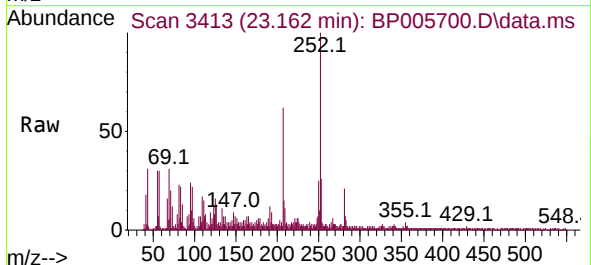
mohammad

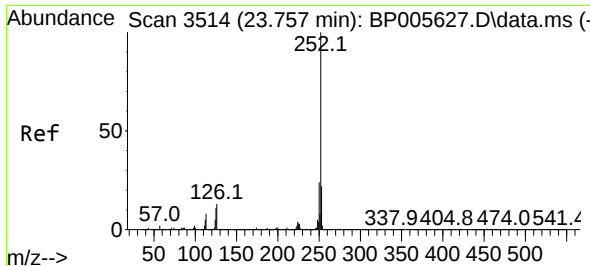
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#89
Benzo(k)fluoranthene
Concen: 3.74 ng m
RT: 23.162 min Scan# 3413
Delta R.T. -0.006 min
Lab File: BP005700.D
Acq: 03 Jun 2021 22:38

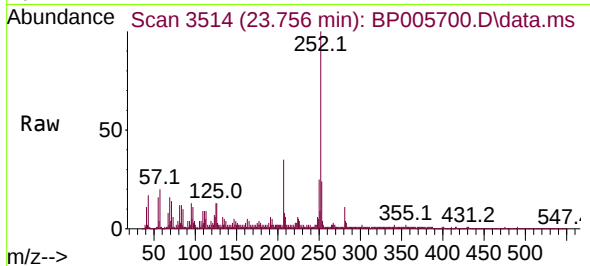
Tgt Ion:252 Resp: 264573
Ion Ratio Lower Upper
252 100
253 25.5 17.2 25.8
125 15.7 3.8 5.6#





#90
Benzo(a)pyrene
Concen: 10.00 ng
RT: 23.756 min Scan# 3514
Delta R.T. -0.000 min
Lab File: BP005700.D
Acq: 03 Jun 2021 22:38

Instrument :
BNA_P
ClientSampled :
18-B3(4-6)DL

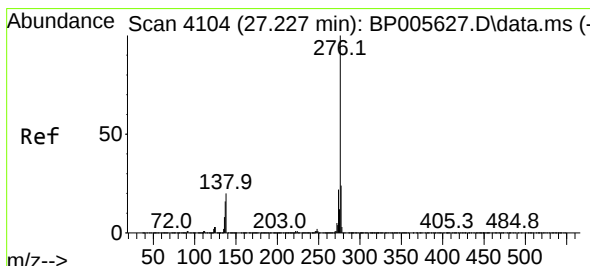
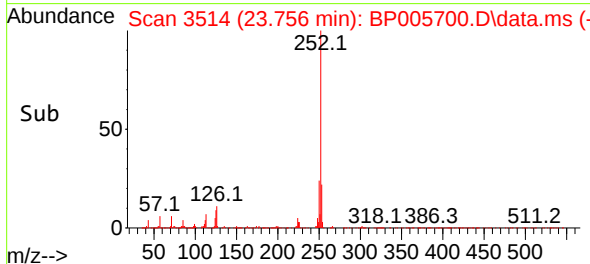
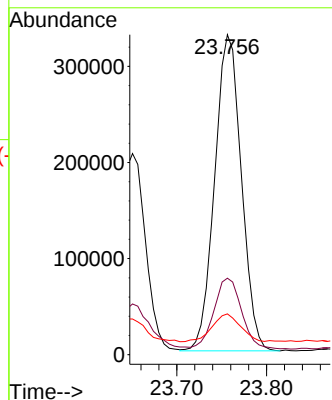


Tgt Ion:252 Resp: 678991
Ion Ratio Lower Upper
252 100
253 23.9 17.1 25.7
125 12.8 3.8 5.6#

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#92
Benzo(g,h,i)perylene
Concen: 5.09 ng
RT: 27.233 min Scan# 4105
Delta R.T. 0.005 min
Lab File: BP005700.D
Acq: 03 Jun 2021 22:38

Tgt Ion:276 Resp: 372851
Ion Ratio Lower Upper
276 100
277 26.9 19.8 29.8
138 18.8 7.7 11.5#

