

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
 Data File : BP005721.D
 Acq On : 04 Jun 2021 20:33
 Operator : CG/JU
 Sample : M2589-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B8(0-2)

Manual Integrations
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Quant Time: Jun 05 02:32:28 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	157151	20.000	ng	0.00
21) Naphthalene-d8	10.793	136	603488	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	372318	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	765271	20.000	ng	# 0.00
76) Chrysene-d12	21.427	240	770147	20.000	ng	# 0.00
86) Perylene-d12	23.868	264	912194	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.552	112	883469	87.403	ng	0.00
7) Phenol-d6	7.152	99	1085650	78.787	ng	0.00
23) Nitrobenzene-d5	9.146	82	699690	64.479	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	545844	114.332	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	1601226	56.916	ng	0.00
79) Terphenyl-d14	19.892	244	2358050	57.453	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.840	128	203152	5.653	ng	98
37) 2-Methylnaphthalene	12.446	142	108710	4.269	ng	# 85
38) 1-Methylnaphthalene	12.663	142	88034	3.644	ng	# 96
49) Acenaphthylene	14.328	152	141953	3.706	ng	# 94
52) Acenaphthene	14.669	154	205347	8.247	ng	97
55) Dibenzofuran	15.004	168	262909	6.889	ng	98
58) Fluorene	15.651	166	368220	12.067	ng	99
71) Phenanthrene	17.398	178	4342682	91.086	ng	99
72) Anthracene	17.486	178	926401	19.679	ng	100
73) Carbazole	17.751	167	456944	9.863	ng	99
75) Fluoranthene	19.363	202	6188750	108.136	ng	96
78) Pyrene	19.710	202	5700868	104.906	ng	98
81) Benzo(a)anthracene	21.410	228	3352875	59.322	ng	97
83) Chrysene	21.463	228	3074325	56.172	ng	97
84) Bis(2-ethylhexyl)phtha...	21.316	149	79887	2.602	ng	96
87) Indeno(1,2,3-cd)pyrene	26.457	276	2516717m	32.428	ng	
88) Benzo(b)fluoranthene	23.127	252	4473381	67.589	ng	# 97
89) Benzo(k)fluoranthene	23.169	252	1599805m	25.509	ng	
90) Benzo(a)pyrene	23.768	252	3335380	55.395	ng	# 94
91) Dibenzo(a,h)anthracene	26.462	278	663532	9.852	ng	# 88
92) Benzo(g,h,i)perylene	27.257	276	2467079	37.977	ng	# 94

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

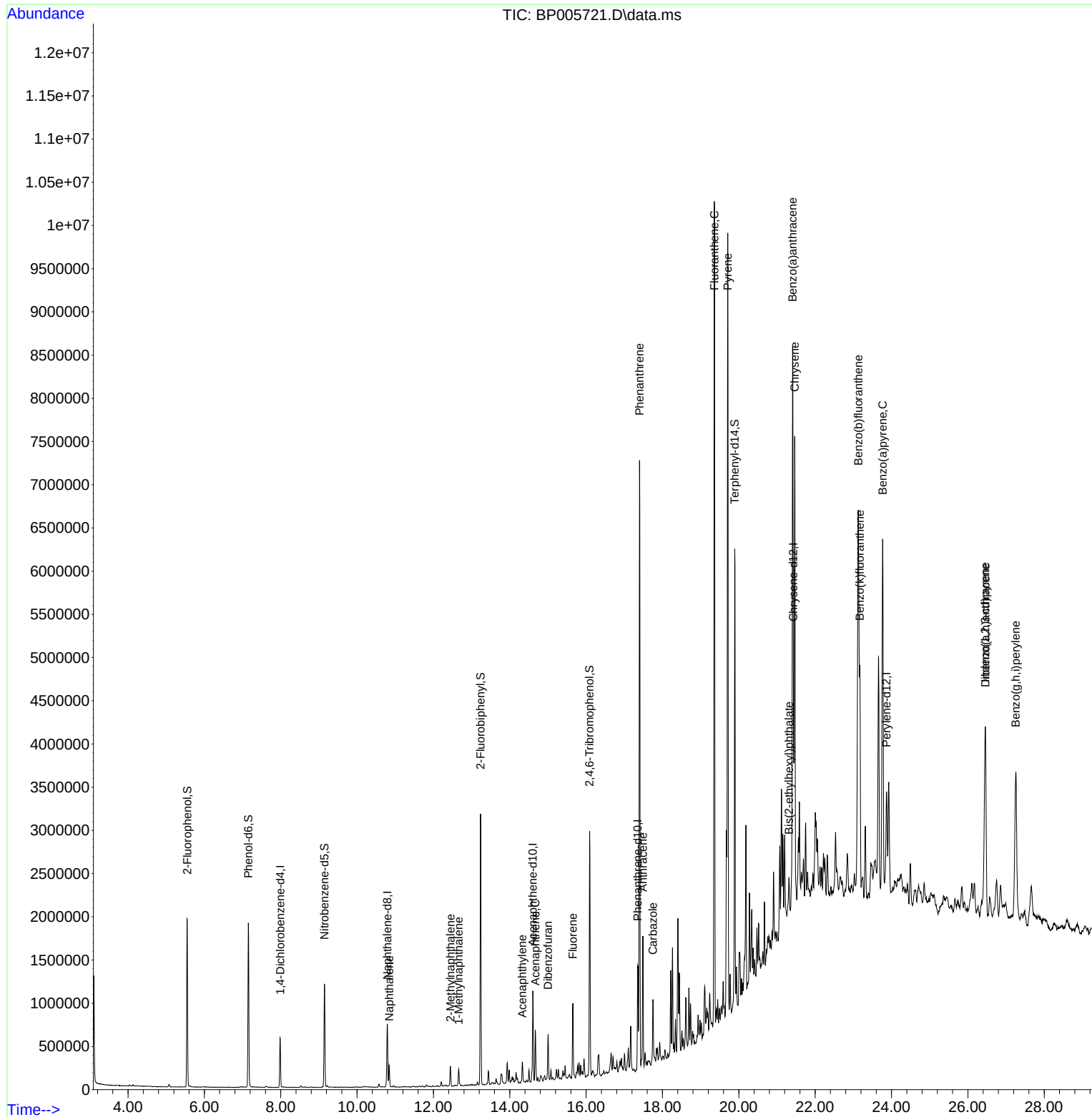
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005721.D
Acq On : 04 Jun 2021 20:33
Operator : CG/JU
Sample : M2589-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

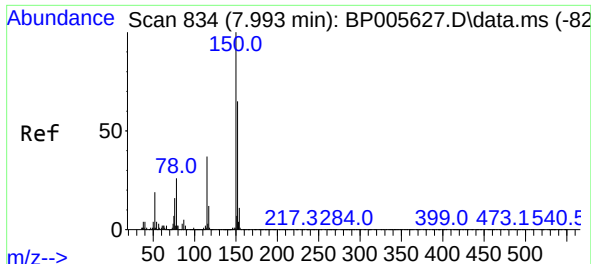
Instrument :
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ClientSampleId :
18-B8(0-2)

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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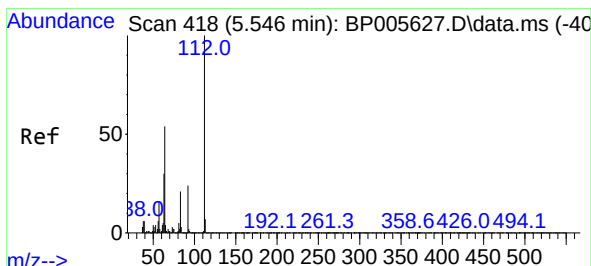
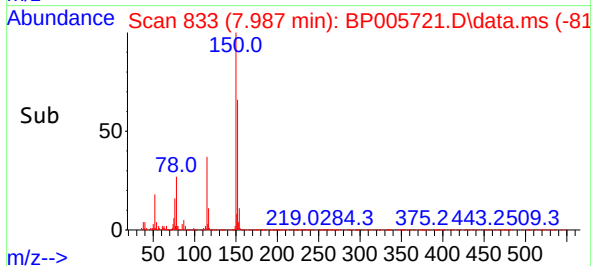
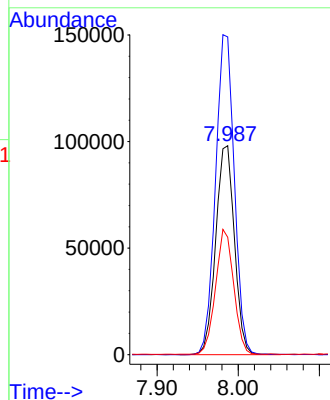
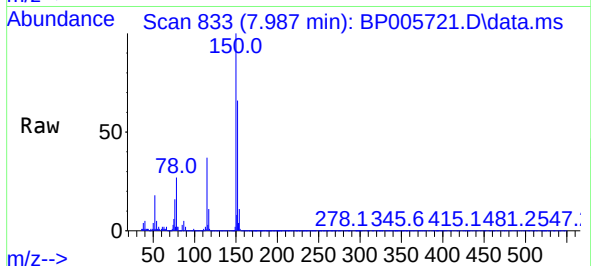
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BP005721.D
Acq: 04 Jun 2021 20:33

Tgt Ion:152 Resp: 157151
Ion Ratio Lower Upper
152 100
150 152.1 119.8 179.8
115 56.2 49.0 73.4

Instrument :
BNA_P
ClientSampleId :
18-B8(0-2)

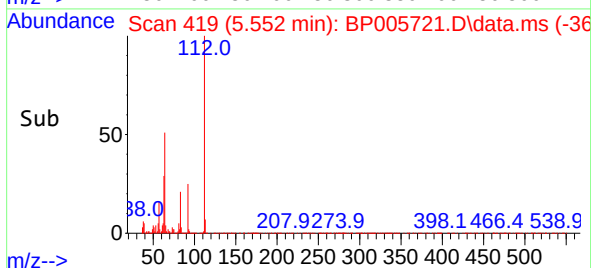
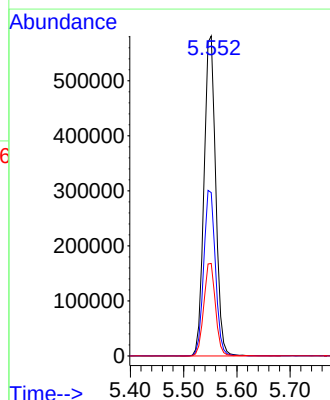
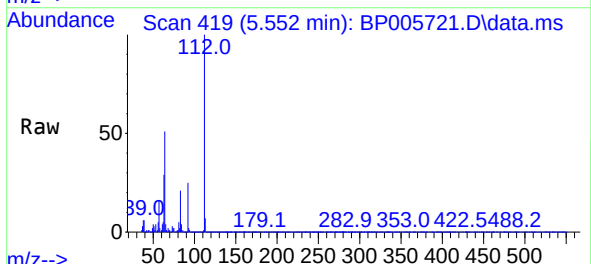
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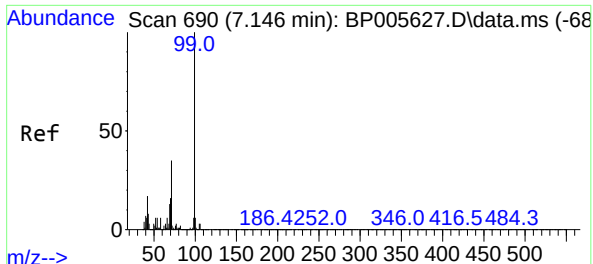
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#5
2-Fluorophenol
Concen: 87.403 ng
RT: 5.552 min Scan# 419
Delta R.T. 0.006 min
Lab File: BP005721.D
Acq: 04 Jun 2021 20:33

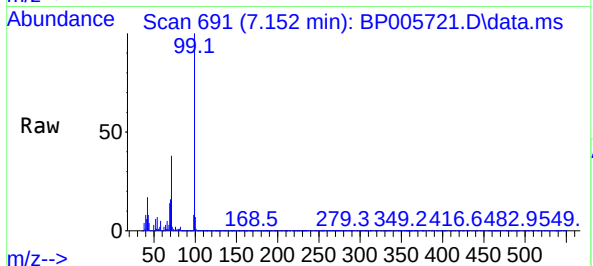
Tgt Ion:112 Resp: 883469
Ion Ratio Lower Upper
112 100
64 51.0 33.6 50.4#
63 28.9 18.6 27.8#





#7
Phenol-d6
Concen: 78.787 ng
RT: 7.152 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP005721.D
Acq: 04 Jun 2021 20:33

Instrument :
BNA_P
ClientSampleId :
18-B8(0-2)

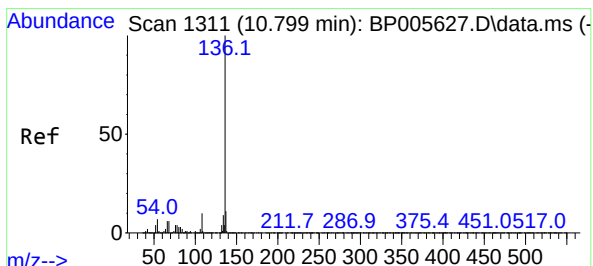
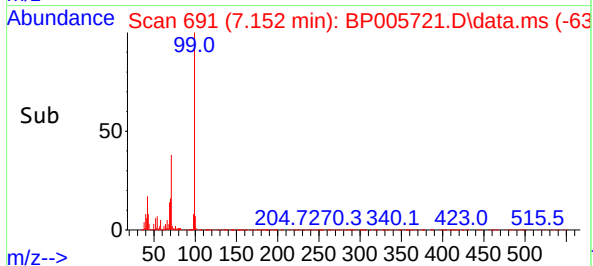
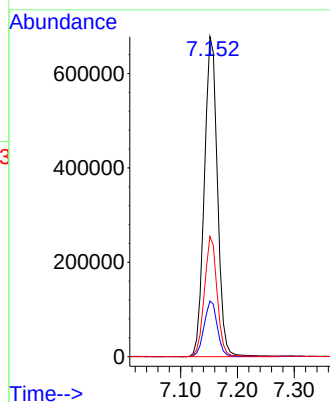


Tgt Ion: 99 Resp: 1085650

Ion	Ratio	Lower	Upper
99	100		
42	17.4	12.9	19.3
71	37.6	26.7	40.1

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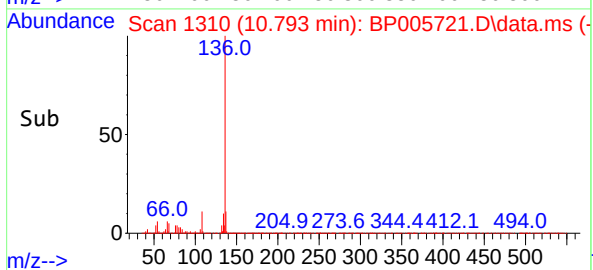
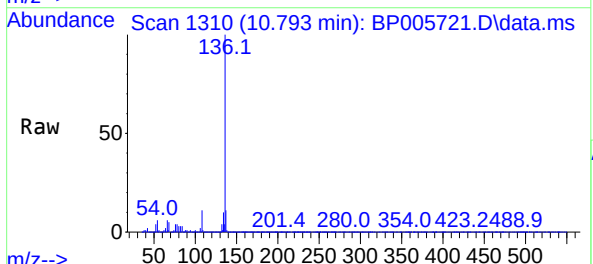
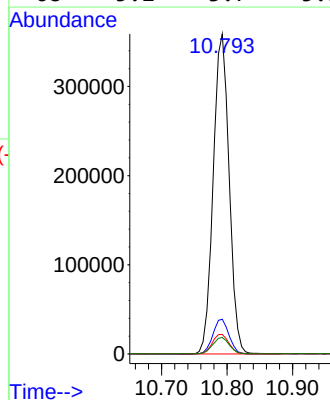
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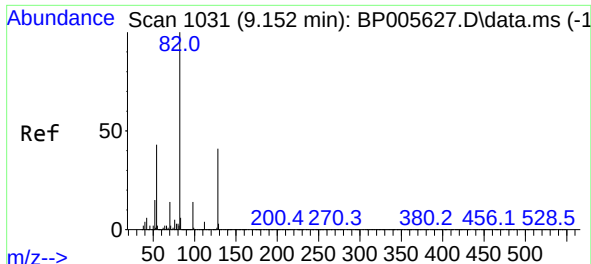


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.793 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP005721.D
Acq: 04 Jun 2021 20:33

Tgt Ion: 136 Resp: 603488

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.1	5.0	7.4
68	5.2	3.7	5.5





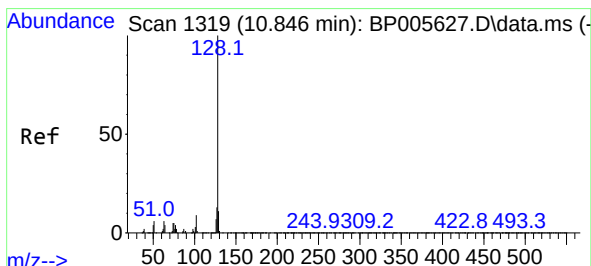
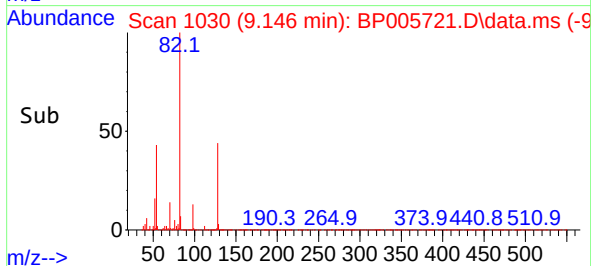
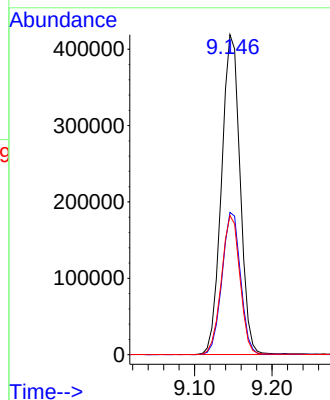
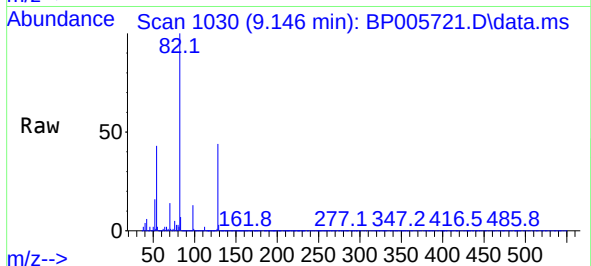
#23
Nitrobenzene-d5
Concen: 64.479 ng
RT: 9.146 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP005721.D
Acq: 04 Jun 2021 20:33

Tgt Ion: 82 Resp: 699690
Ion Ratio Lower Upper
82 100
128 44.5 30.5 45.7
54 43.5 33.9 50.9

Instrument :
BNA_P
ClientSampleId :
18-B8(0-2)

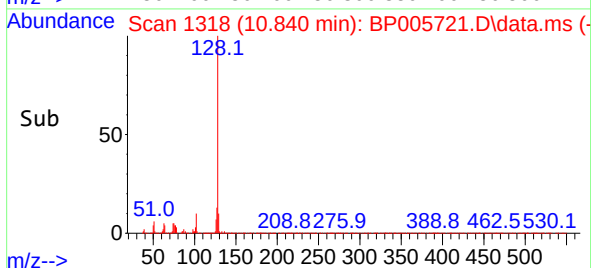
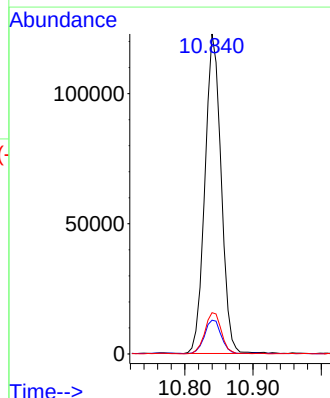
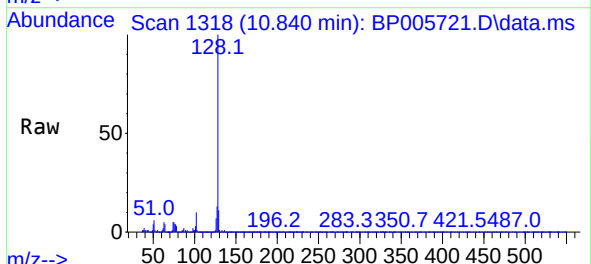
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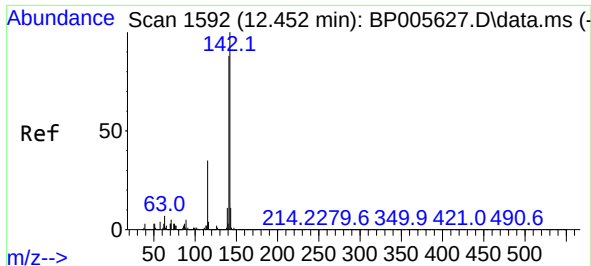
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#31
Naphthalene
Concen: 5.653 ng
RT: 10.840 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BP005721.D
Acq: 04 Jun 2021 20:33

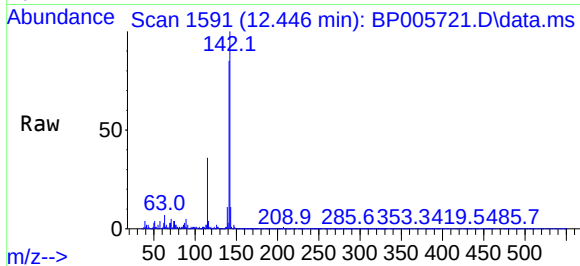
Tgt Ion: 128 Resp: 203152
Ion Ratio Lower Upper
128 100
129 10.6 8.0 12.0
127 12.9 11.1 16.7





#37
2-Methylnaphthalene
Concen: 4.269 ng
RT: 12.446 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BP005721.D
Acq: 04 Jun 2021 20:33

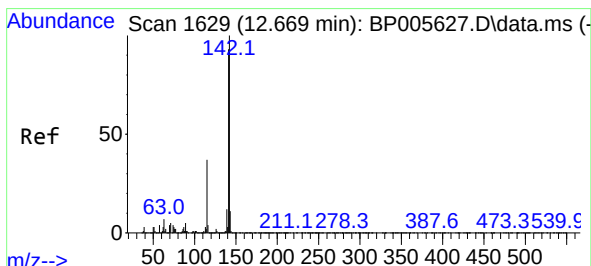
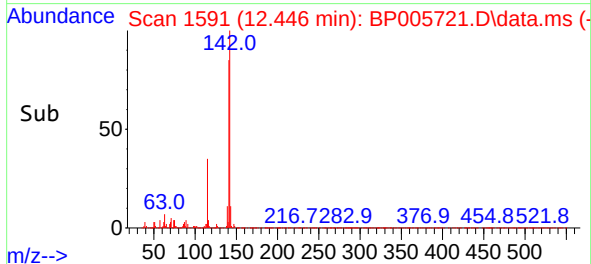
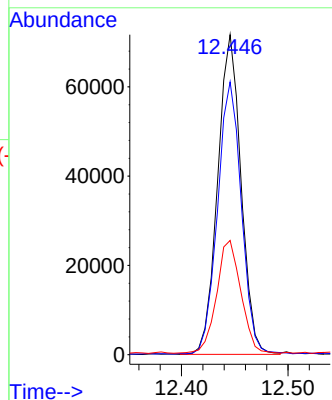
Instrument :
BNA_P
ClientSampleId :
18-B8(0-2)



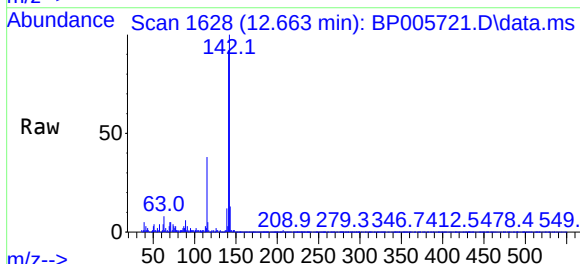
Tgt Ion:142 Resp: 108710
Ion Ratio Lower Upper
142 100
141 85.2 74.7 112.1
115 35.7 43.8 65.8#

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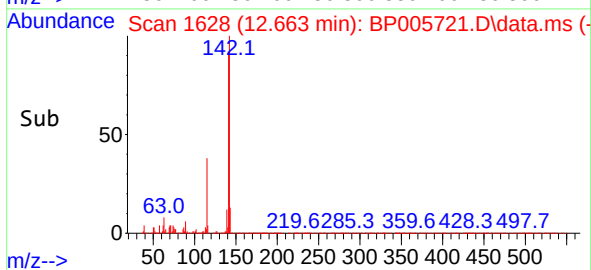
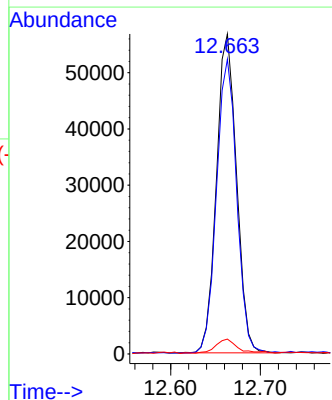
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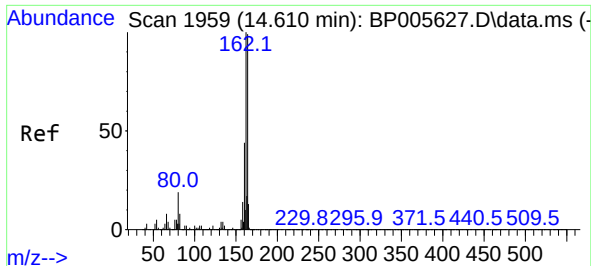


#38
1-Methylnaphthalene
Concen: 3.644 ng
RT: 12.663 min Scan# 1628
Delta R.T. -0.006 min
Lab File: BP005721.D
Acq: 04 Jun 2021 20:33



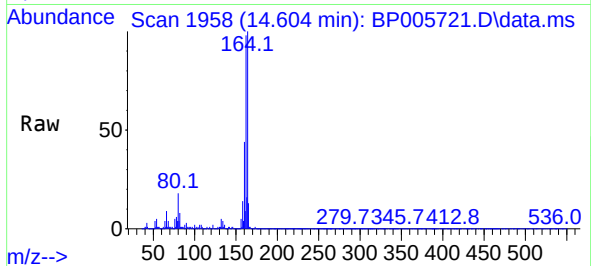
Tgt Ion:142 Resp: 88034
Ion Ratio Lower Upper
142 100
141 92.1 77.0 115.6
116 4.6 5.0 7.6#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP005721.D
Acq: 04 Jun 2021 20:33

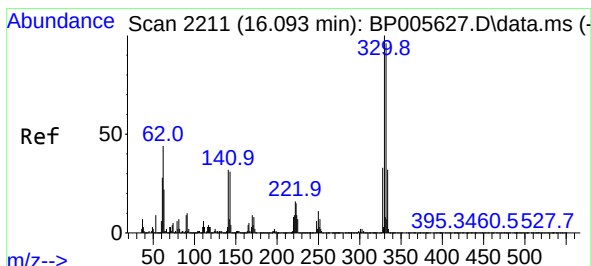
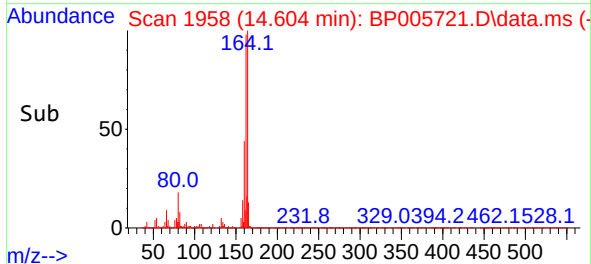
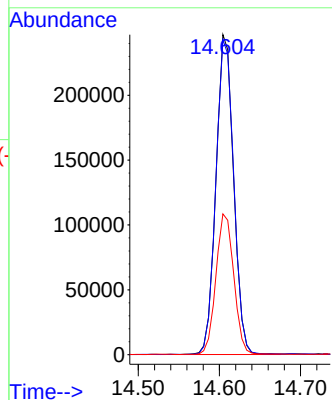
Instrument :
BNA_P
ClientSampleId :
18-B8(0-2)



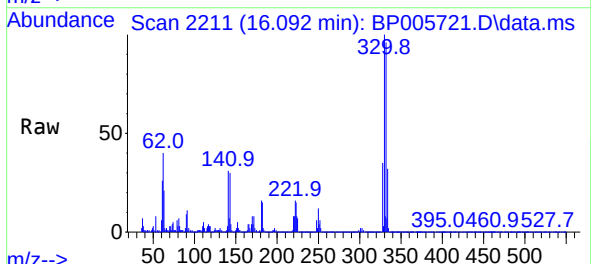
Tgt Ion:164 Resp: 372318
Ion Ratio Lower Upper
164 100
162 98.4 73.5 110.3
160 44.0 40.6 61.0

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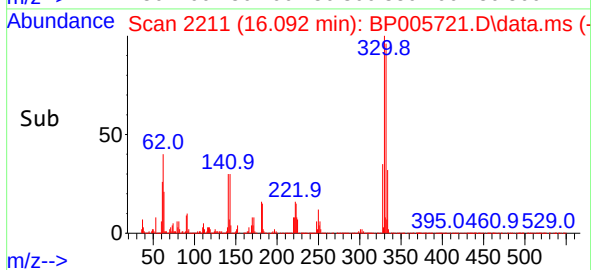
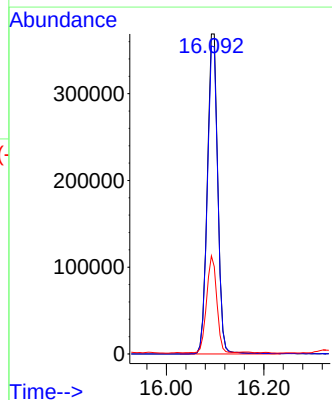
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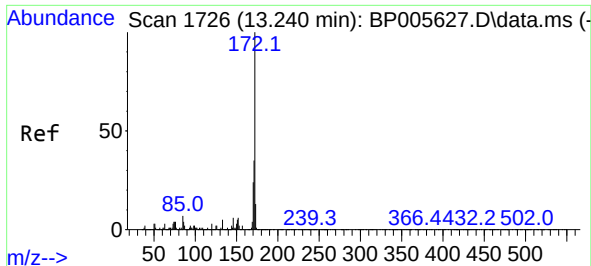


#42
2,4,6-Tribromophenol
Concen: 114.332 ng
RT: 16.092 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BP005721.D
Acq: 04 Jun 2021 20:33



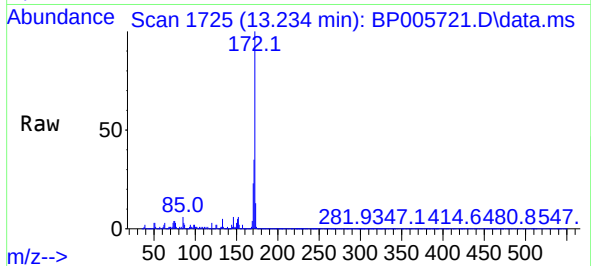
Tgt Ion:330 Resp: 545844
Ion Ratio Lower Upper
330 100
332 96.8 76.3 114.5
141 29.5 22.8 34.2





#45
2-Fluorobiphenyl
Concen: 56.916 ng
RT: 13.234 min Scan# 1725
Delta R.T. -0.006 min
Lab File: BP005721.D
Acq: 04 Jun 2021 20:33

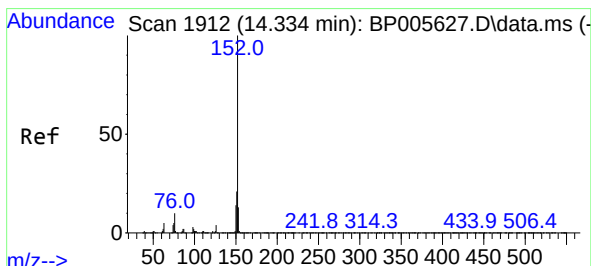
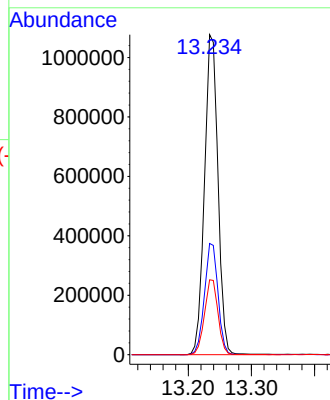
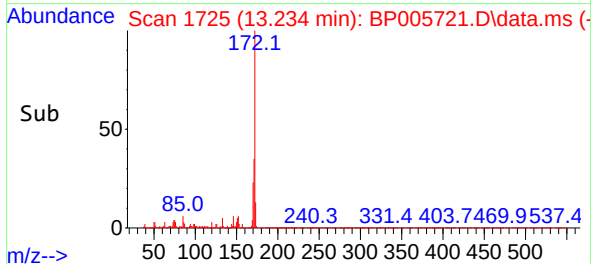
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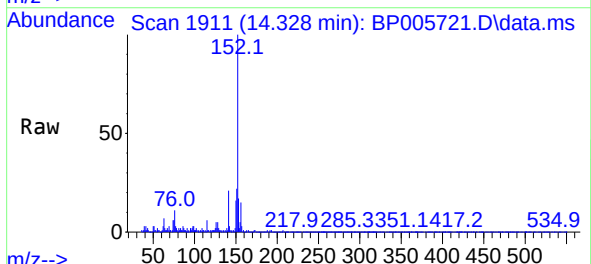
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Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.4 19.6 29.4

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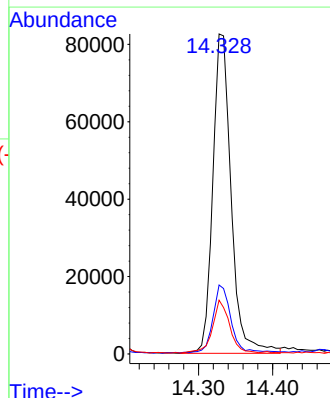
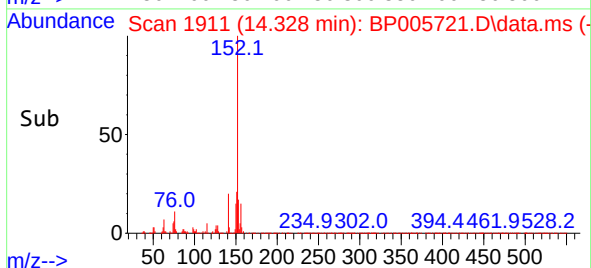
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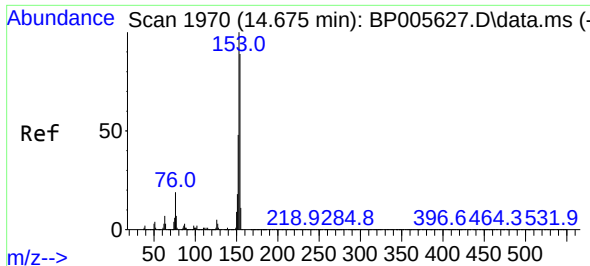


#49
Acenaphthylene
Concen: 3.706 ng
RT: 14.328 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP005721.D
Acq: 04 Jun 2021 20:33



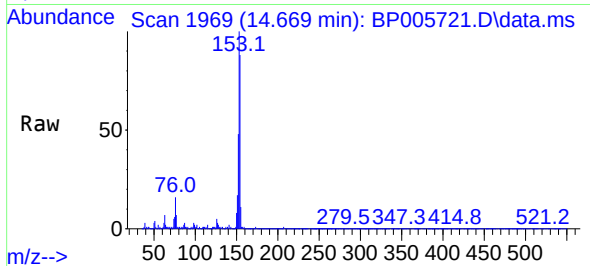
Tgt Ion:152 Resp: 141953
Ion Ratio Lower Upper
152 100
151 21.5 15.8 23.6
153 16.8 10.5 15.7#





#52
Acenaphthene
Concen: 8.247 ng
RT: 14.669 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BP005721.D
Acq: 04 Jun 2021 20:33

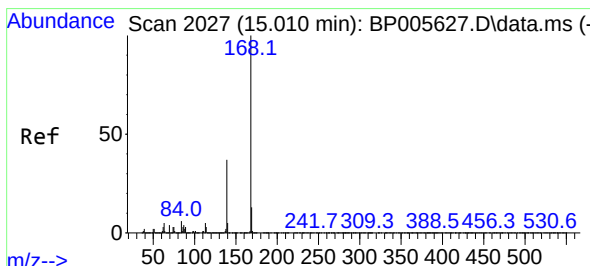
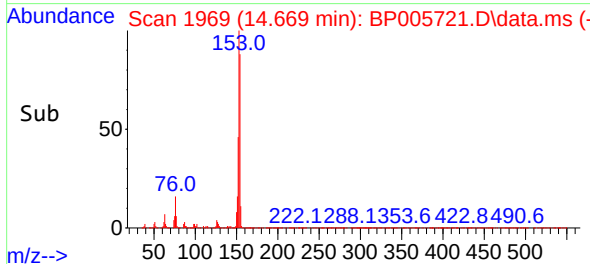
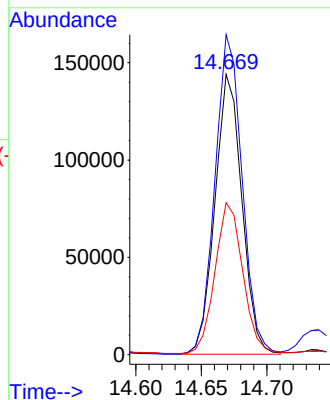
Instrument :
BNA_P
ClientSampleId :
18-B8(0-2)



Tgt Ion:154 Resp: 205347
Ion Ratio Lower Upper
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153 114.1 90.9 136.3
152 54.2 48.5 72.7

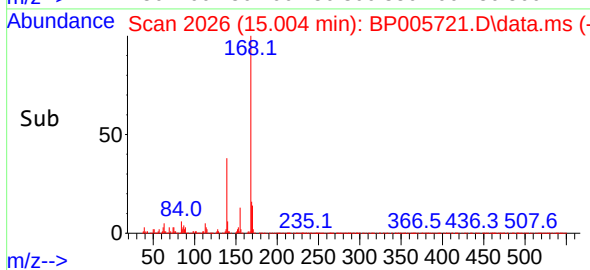
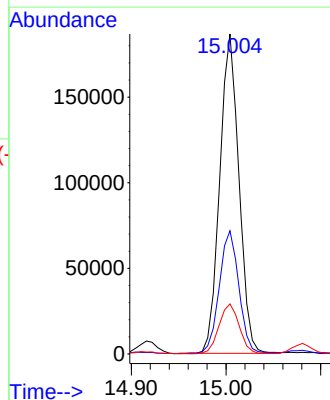
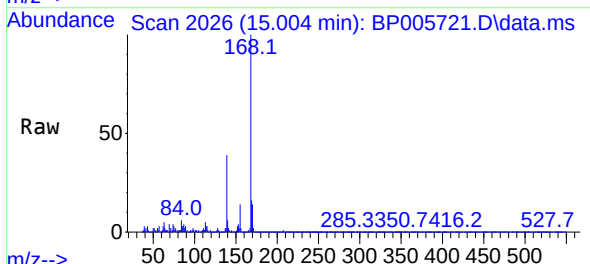
Manual Integrations
APPROVED

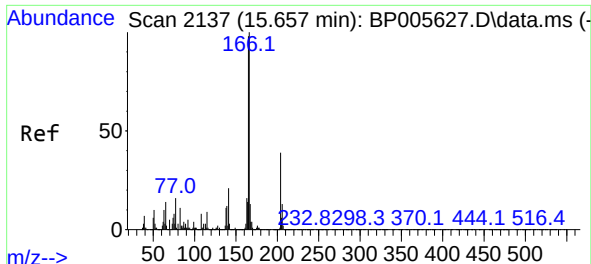
mohammad
6/7/2021 12:25:33 PM



#55
Dibenzofuran
Concen: 6.889 ng
RT: 15.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BP005721.D
Acq: 04 Jun 2021 20:33

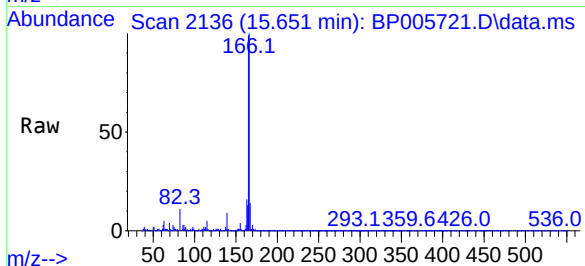
Tgt Ion:168 Resp: 262909
Ion Ratio Lower Upper
168 100
139 38.5 31.4 47.0
169 15.6 11.4 17.0





#58
Fluorene
Concen: 12.067 ng
RT: 15.651 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BP005721.D
Acq: 04 Jun 2021 20:33

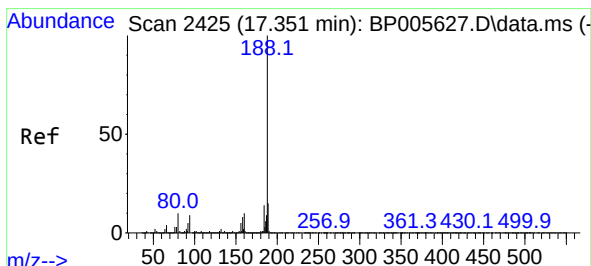
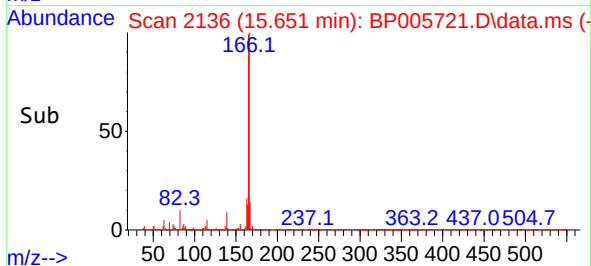
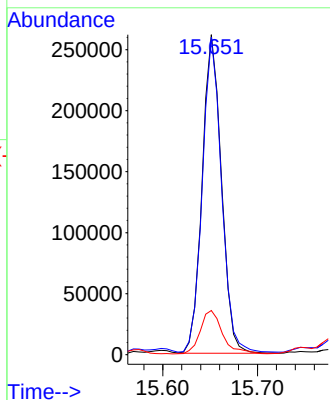
Instrument :
BNA_P
ClientSampleId :
18-B8(0-2)



Tgt Ion:166 Resp: 368220
Ion Ratio Lower Upper
166 100
165 99.2 78.8 118.2
167 13.8 10.9 16.3

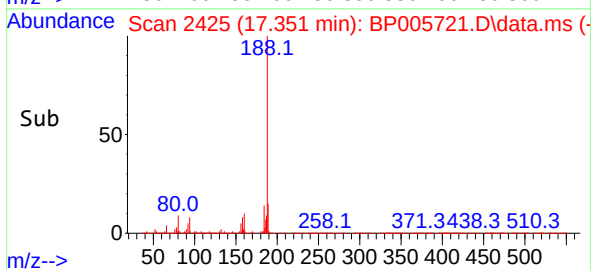
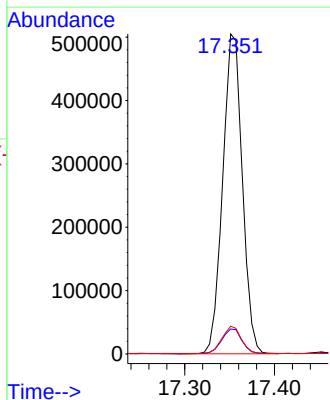
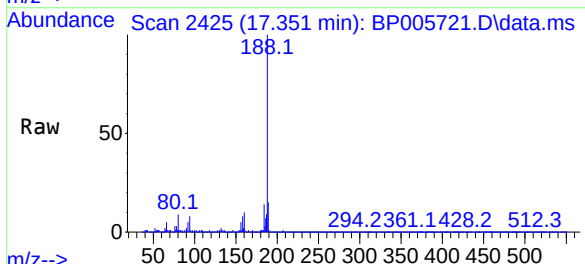
Manual Integrations
APPROVED

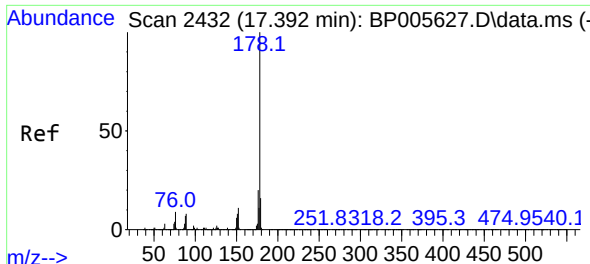
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP005721.D
Acq: 04 Jun 2021 20:33

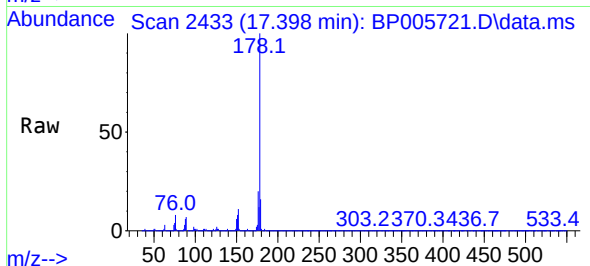
Tgt Ion:188 Resp: 765271
Ion Ratio Lower Upper
188 100
94 7.8 5.0 7.6#
80 8.7 5.9 8.9





#71
Phenanthrene
Concen: 91.086 ng
RT: 17.398 min Scan# 2433
Delta R.T. 0.006 min
Lab File: BP005721.D
Acq: 04 Jun 2021 20:33

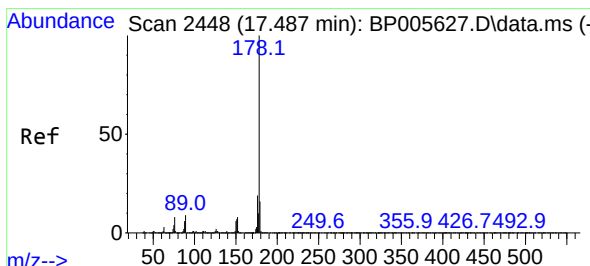
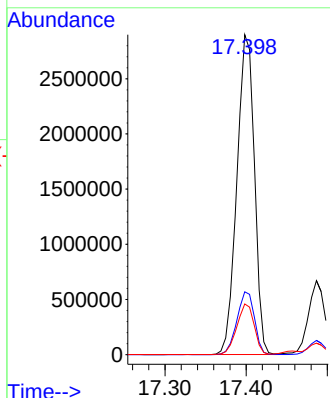
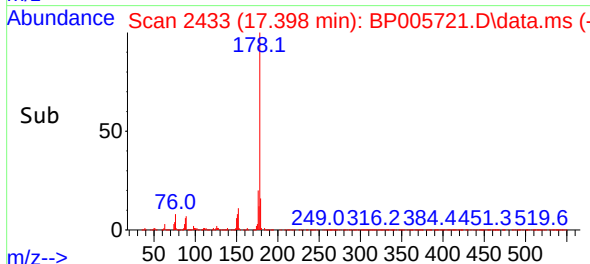
Instrument :
BNA_P
ClientSampleId :
18-B8(0-2)



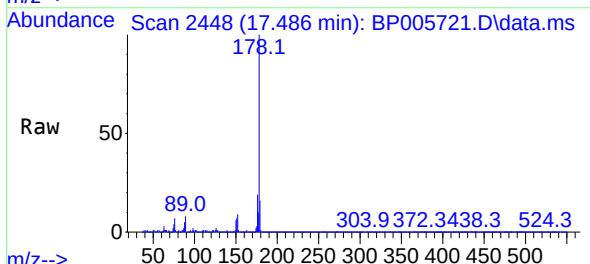
Tgt Ion:178 Resp: 4342682
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 15.9 12.3 18.5

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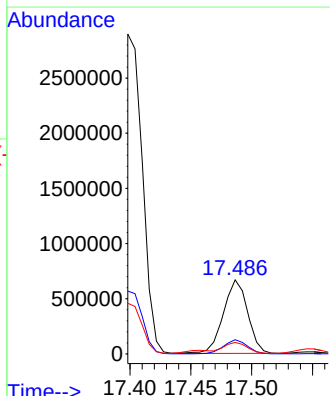
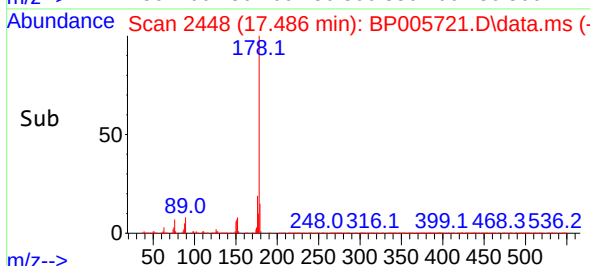
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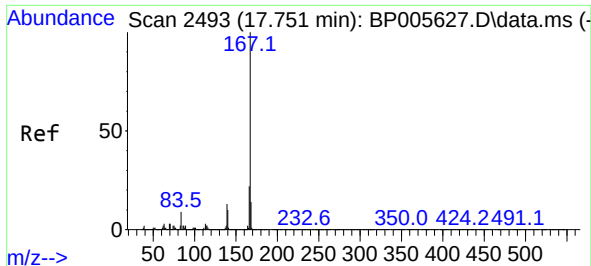


#72
Anthracene
Concen: 19.679 ng
RT: 17.486 min Scan# 2448
Delta R.T. -0.000 min
Lab File: BP005721.D
Acq: 04 Jun 2021 20:33



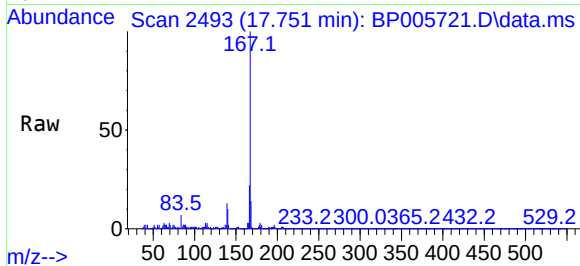
Tgt Ion:178 Resp: 926401
Ion Ratio Lower Upper
178 100
176 19.2 15.2 22.8
179 15.6 12.6 19.0





#73
Carbazole
Concen: 9.863 ng
RT: 17.751 min Scan# 2493
Delta R.T. -0.000 min
Lab File: BP005721.D
Acq: 04 Jun 2021 20:33

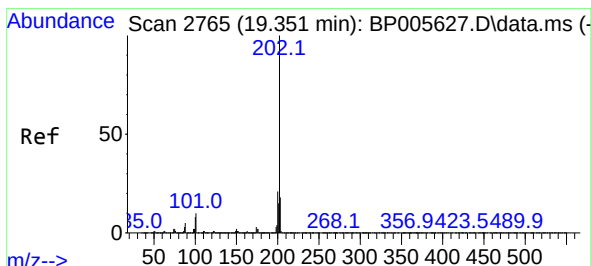
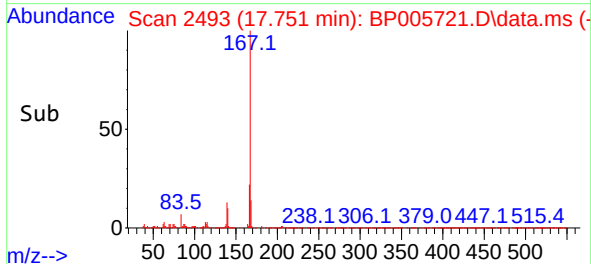
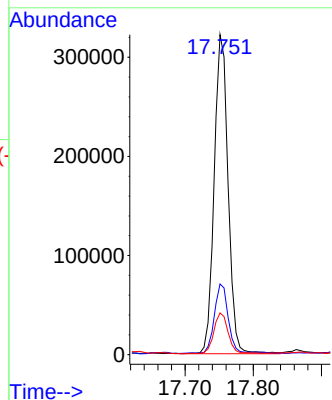
Instrument :
BNA_P
ClientSampleId :
18-B8(0-2)



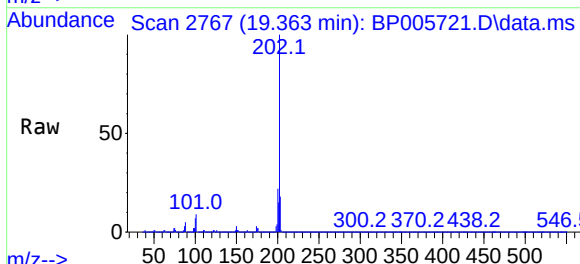
Tgt Ion:167 Resp: 456944
Ion Ratio Lower Upper
167 100
166 22.1 17.4 26.0
139 13.1 10.4 15.6

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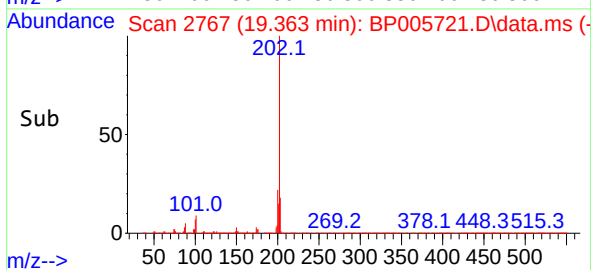
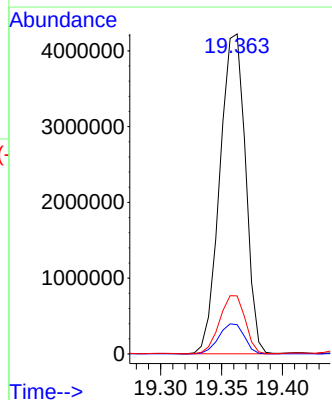
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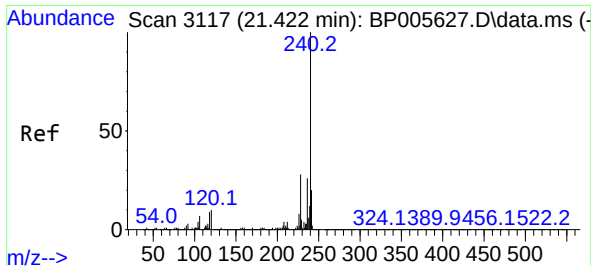


#75
Fluoranthene
Concen: 108.136 ng
RT: 19.363 min Scan# 2767
Delta R.T. 0.012 min
Lab File: BP005721.D
Acq: 04 Jun 2021 20:33



Tgt Ion:202 Resp: 6188750
Ion Ratio Lower Upper
202 100
101 9.2 0.0 26.1
203 18.2 0.0 37.2





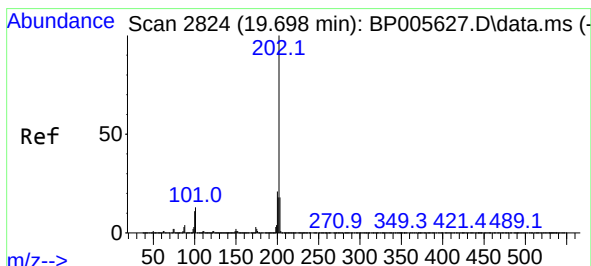
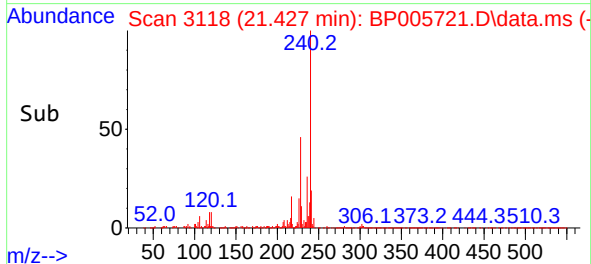
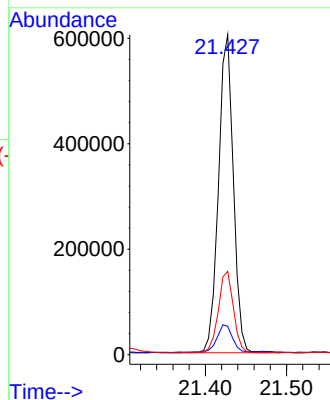
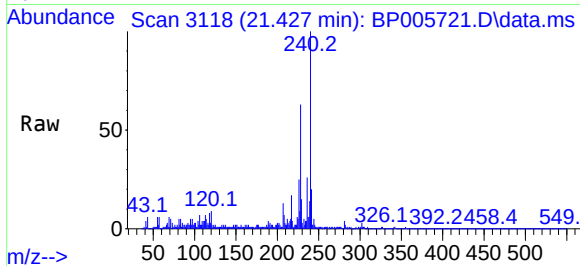
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3118
Delta R.T. 0.005 min
Lab File: BP005721.D
Acq: 04 Jun 2021 20:33

Tgt Ion:240 Resp: 770147
Ion Ratio Lower Upper
240 100
120 8.9 4.2 6.2#
236 26.1 20.2 30.2

Instrument :
BNA_P
ClientSampleId :
18-B8(0-2)

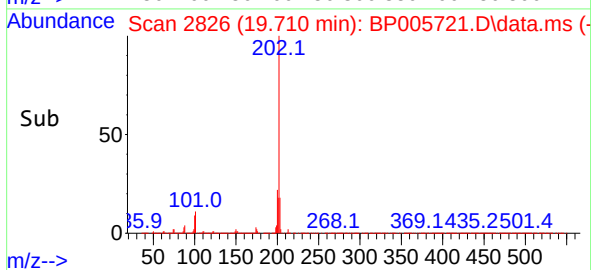
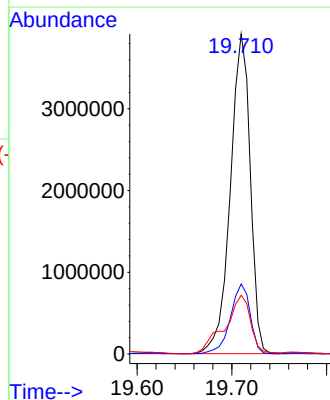
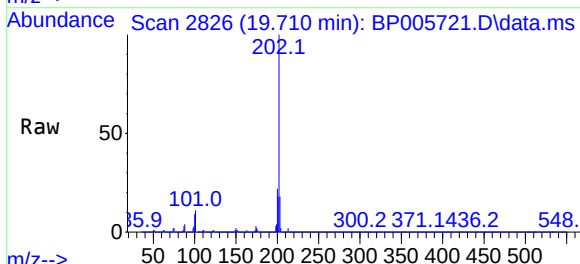
Manual Integrations
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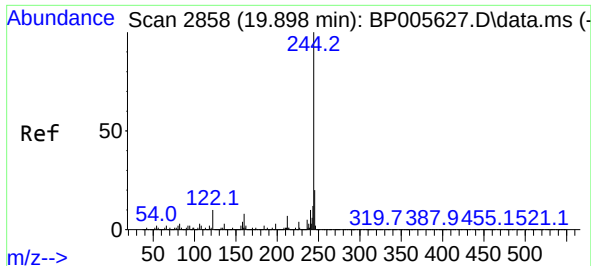
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#78
Pyrene
Concen: 104.906 ng
RT: 19.710 min Scan# 2826
Delta R.T. 0.012 min
Lab File: BP005721.D
Acq: 04 Jun 2021 20:33

Tgt Ion:202 Resp: 5700868
Ion Ratio Lower Upper
202 100
200 21.9 16.9 25.3
203 18.4 13.8 20.6





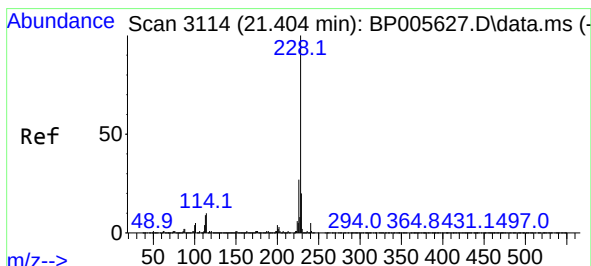
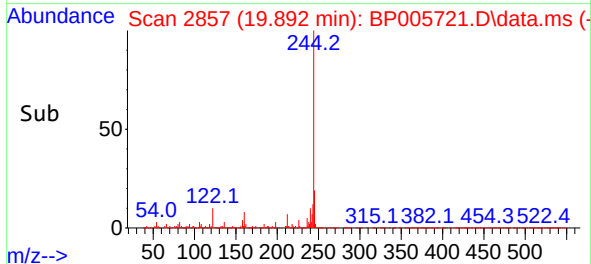
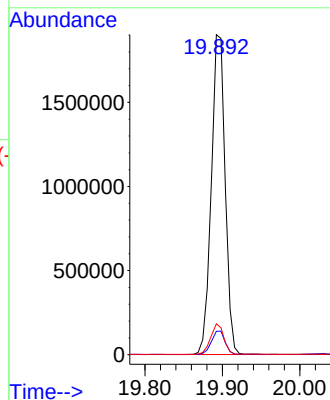
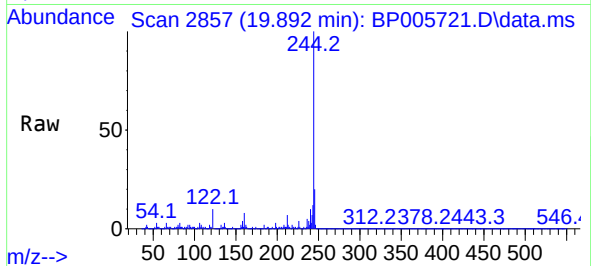
#79
Terphenyl-d14
Concen: 57.453 ng
RT: 19.892 min Scan# 2857
Delta R.T. -0.006 min
Lab File: BP005721.D
Acq: 04 Jun 2021 20:33

Tgt Ion:244 Resp: 2358050
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 9.7 5.2 7.8#

Instrument :
BNA_P
ClientSampleId :
18-B8(0-2)

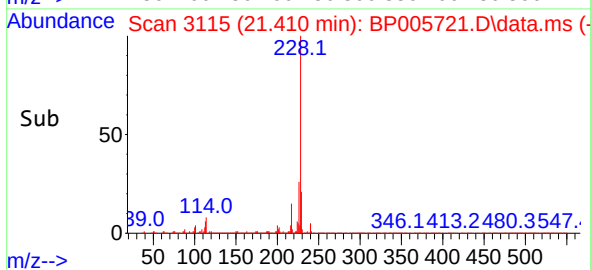
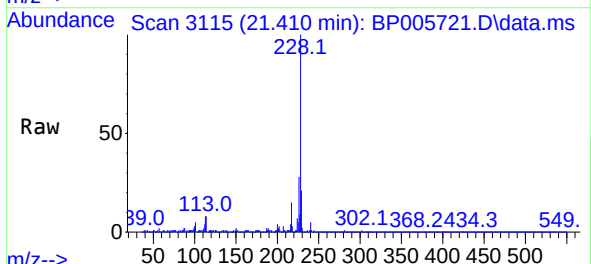
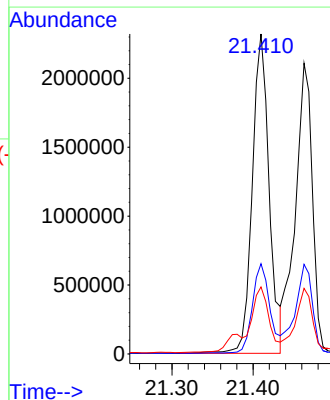
Manual Integrations
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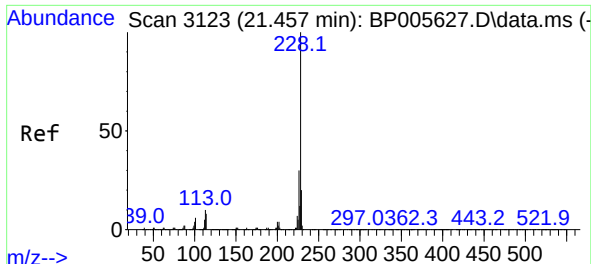
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#81
Benzo(a)anthracene
Concen: 59.322 ng
RT: 21.410 min Scan# 3115
Delta R.T. 0.006 min
Lab File: BP005721.D
Acq: 04 Jun 2021 20:33

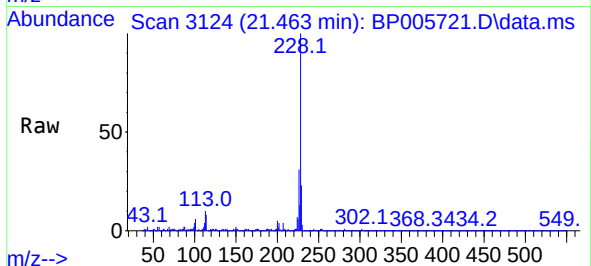
Tgt Ion:228 Resp: 3352875
Ion Ratio Lower Upper
228 100
226 28.2 21.2 31.8
229 21.0 15.6 23.4





#83
Chrysene
Concen: 56.172 ng
RT: 21.463 min Scan# 3124
Delta R.T. 0.006 min
Lab File: BP005721.D
Acq: 04 Jun 2021 20:33

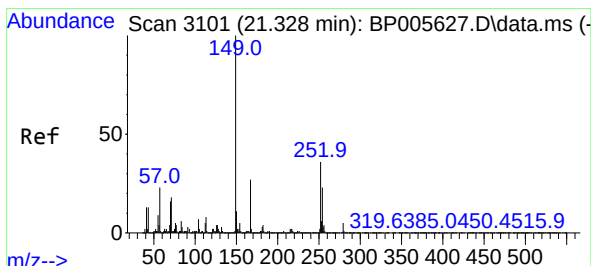
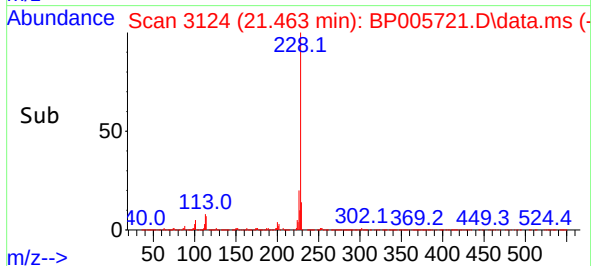
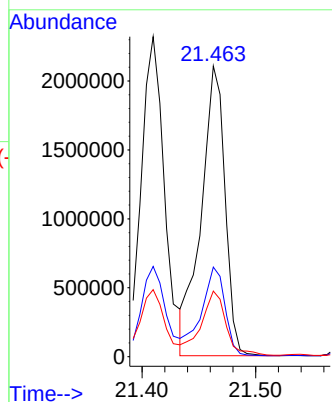
Instrument :
BNA_P
ClientSampleId :
18-B8(0-2)



Tgt Ion:228 Resp: 3074325
Ion Ratio Lower Upper
228 100
226 30.8 24.8 37.2
229 22.5 15.4 23.0

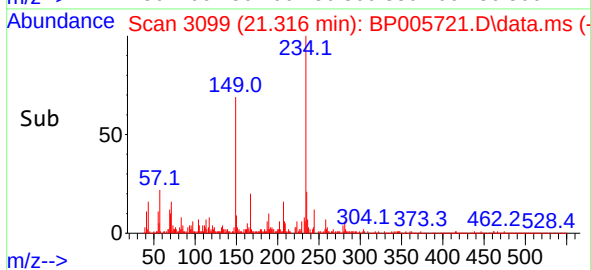
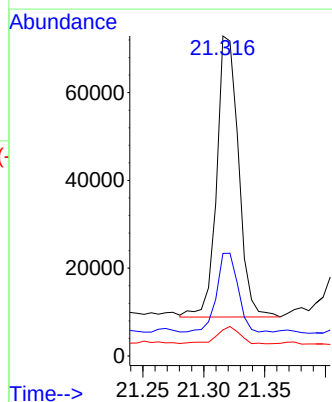
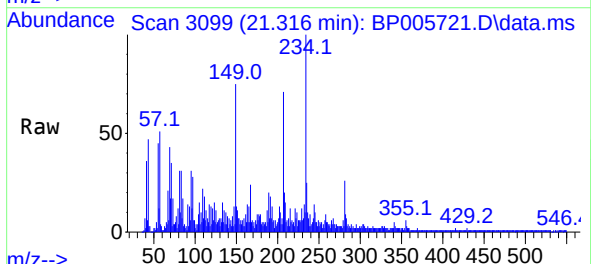
Manual Integrations
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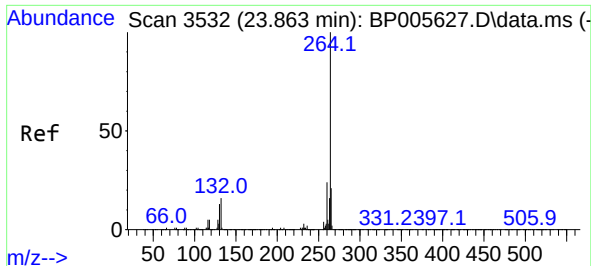
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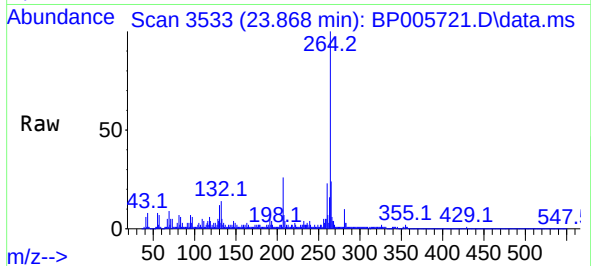
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.602 ng
RT: 21.316 min Scan# 3099
Delta R.T. -0.012 min
Lab File: BP005721.D
Acq: 04 Jun 2021 20:33

Tgt Ion:149 Resp: 79887
Ion Ratio Lower Upper
149 100
167 32.0 23.8 35.8
279 8.1 5.7 8.5

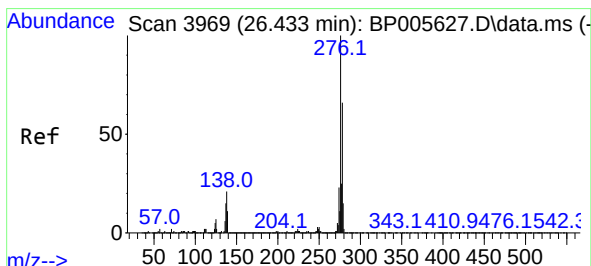
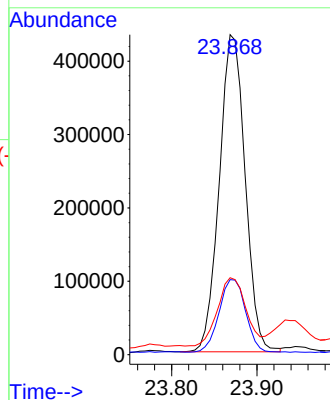
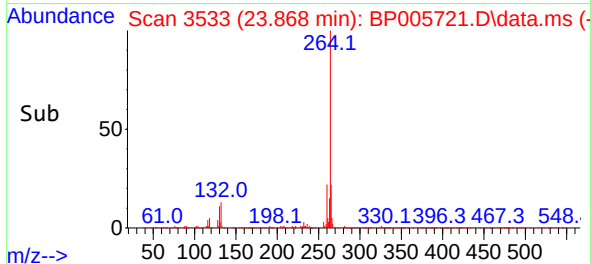




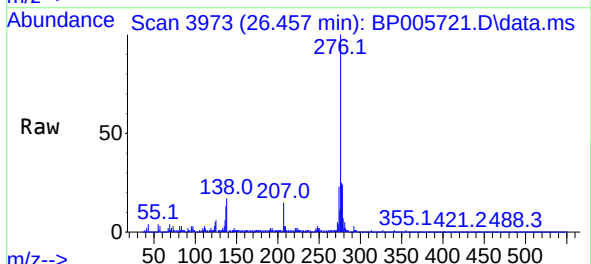
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.868 min Scan# 3533
Delta R.T. 0.006 min
Lab File: BP005721.D
Acq: 04 Jun 2021 20:33



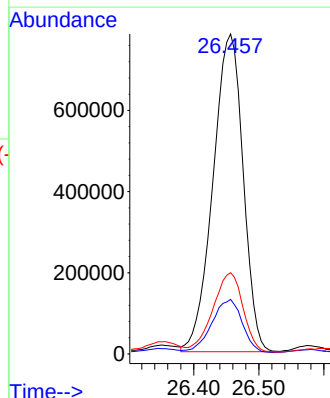
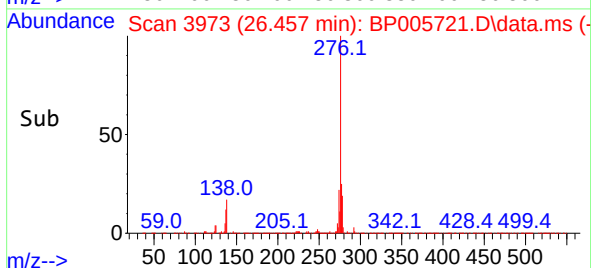
Tgt Ion: 264 Resp: 912194
Ion Ratio Lower Upper
264 100
260 23.5 20.6 30.8
265 24.1 19.0 28.6



#87
Indeno(1,2,3-cd)pyrene
Concen: 32.428 ng m
RT: 26.457 min Scan# 3973
Delta R.T. 0.023 min
Lab File: BP005721.D
Acq: 04 Jun 2021 20:33



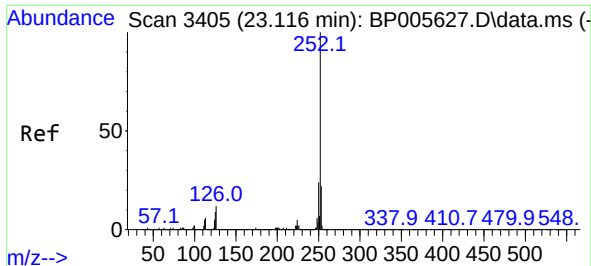
Tgt Ion: 276 Resp: 2516717
Ion Ratio Lower Upper
276 100
138 1.1 8.4 12.6#
277 1.9 20.6 31.0#



Instrument :
BNA_P
ClientSampleId :
18-B8(0-2)

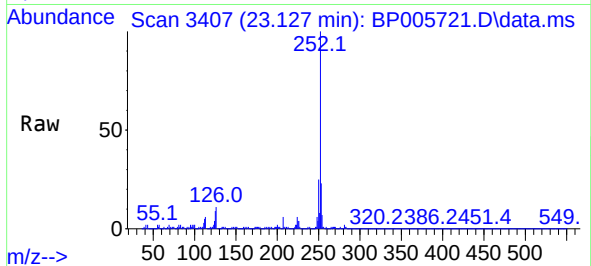
Manual Integrations
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#88
Benzo(b)fluoranthene
Concen: 67.589 ng
RT: 23.127 min Scan# 3407
Delta R.T. 0.012 min
Lab File: BP005721.D
Acq: 04 Jun 2021 20:33

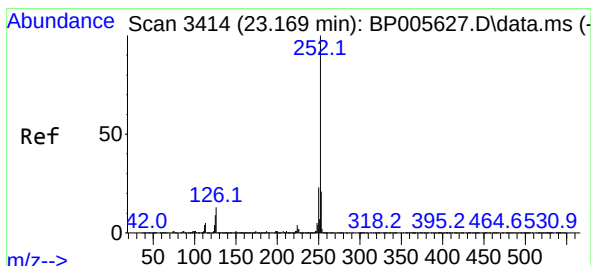
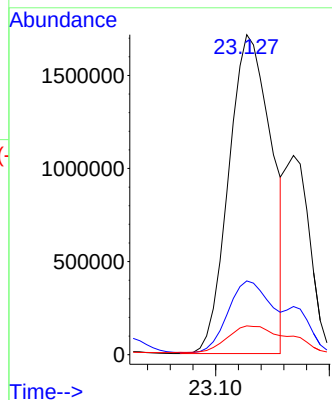
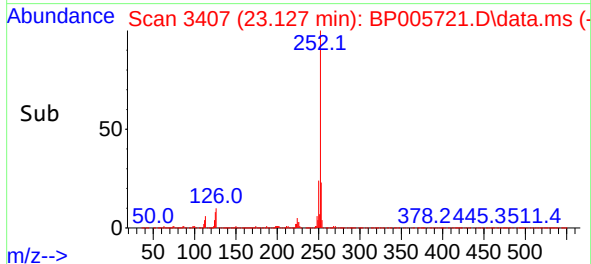
Instrument :
BNA_P
ClientSampleId :
18-B8(0-2)



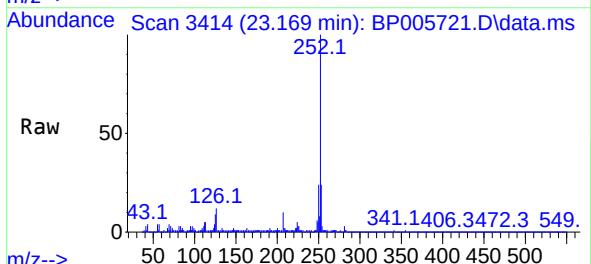
Tgt Ion:252 Resp: 4473381
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.2
125 9.0 3.4 5.0#

Manual Integrations
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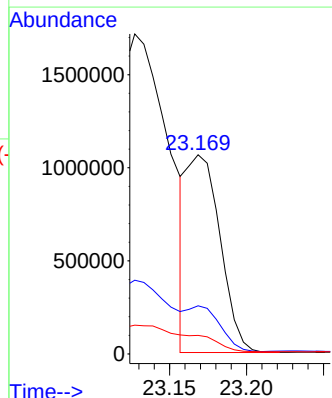
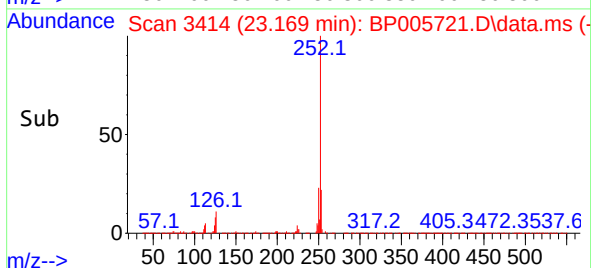
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6/7/2021 12:25:33 PM

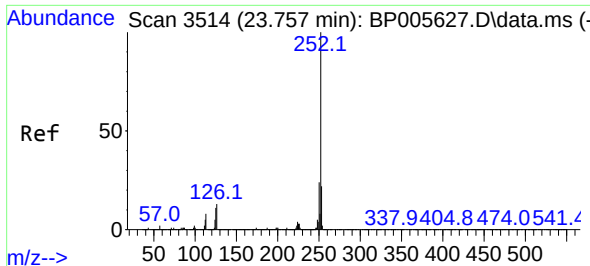


#89
Benzo(k)fluoranthene
Concen: 25.509 ng m
RT: 23.169 min Scan# 3414
Delta R.T. -0.000 min
Lab File: BP005721.D
Acq: 04 Jun 2021 20:33



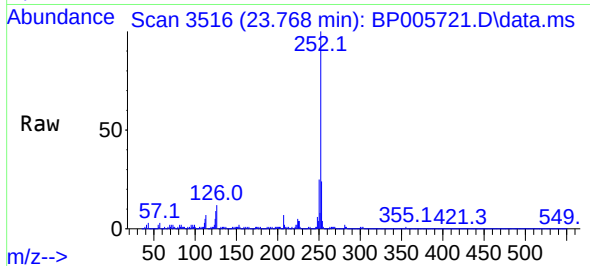
Tgt Ion:252 Resp: 1599805
Ion Ratio Lower Upper
252 100
253 24.2 17.2 25.8
125 9.3 3.8 5.6#





#90
Benzo(a)pyrene
Concen: 55.395 ng
RT: 23.768 min Scan# 3516
Delta R.T. 0.012 min
Lab File: BP005721.D
Acq: 04 Jun 2021 20:33

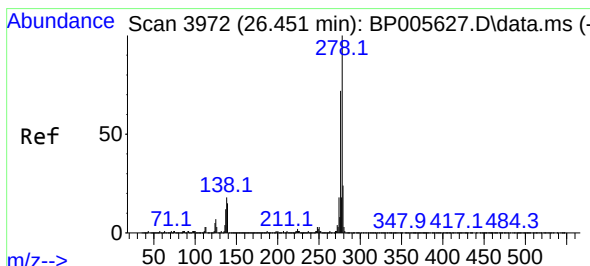
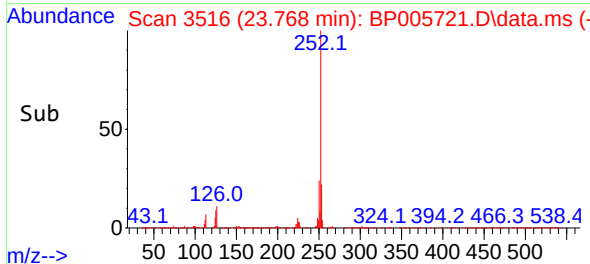
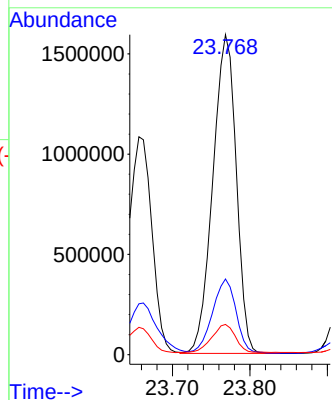
Instrument :
BNA_P
ClientSampleId :
18-B8(0-2)



Tgt Ion:252 Resp: 3335380
Ion Ratio Lower Upper
252 100
253 23.6 17.1 25.7
125 9.5 3.8 5.6#

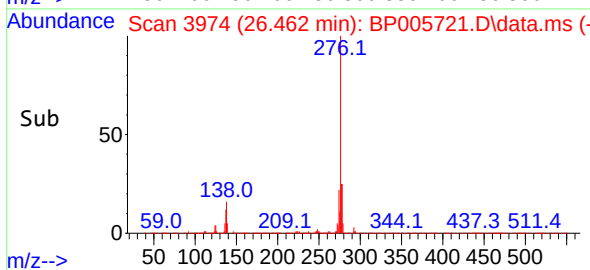
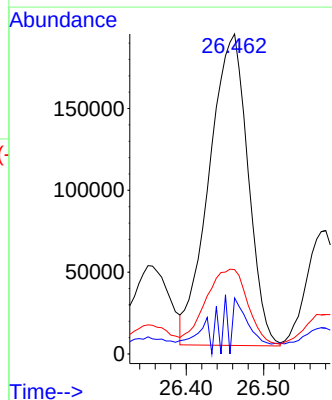
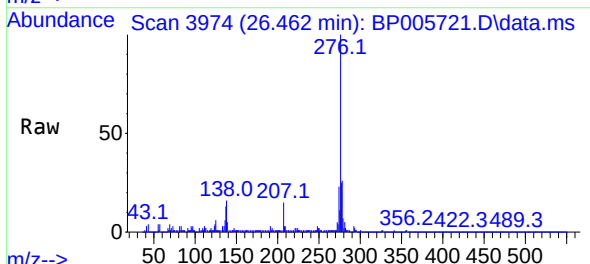
Manual Integrations
APPROVED

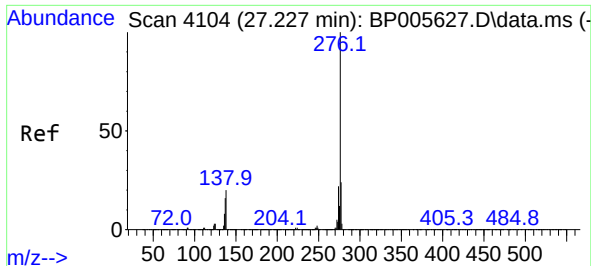
mohammad
6/7/2021 12:25:33 PM



#91
Dibenzo(a,h)anthracene
Concen: 9.852 ng
RT: 26.462 min Scan# 3974
Delta R.T. 0.012 min
Lab File: BP005721.D
Acq: 04 Jun 2021 20:33

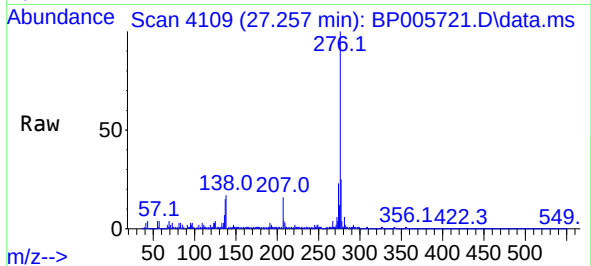
Tgt Ion:278 Resp: 663532
Ion Ratio Lower Upper
278 100
139 17.5 5.0 7.6#
279 26.4 18.6 28.0





#92
Benzo(g,h,i)perylene
Concen: 37.977 ng
RT: 27.257 min Scan# 4109
Delta R.T. 0.029 min
Lab File: BP005721.D
Acq: 04 Jun 2021 20:33

Instrument :
BNA_P
ClientSampleId :
18-B8(0-2)



Tgt Ion: 276 Resp: 2467079
Ion Ratio Lower Upper
276 100
277 24.6 19.8 29.8
138 16.9 7.7 11.5#

Manual Integrations
APPROVED

mohammad
6/7/2021 12:25:33 PM

