

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
 Data File : BP005722.D
 Acq On : 04 Jun 2021 21:07
 Operator : CG/JU
 Sample : M2589-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B10(2-4)

Manual Integrations
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Quant Time: Jun 05 02:32:47 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	169290	20.000	ng	0.00
21) Naphthalene-d8	10.793	136	648397	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	401212	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	822314	20.000	ng	# 0.00
76) Chrysene-d12	21.427	240	811196	20.000	ng	# 0.00
86) Perylene-d12	23.874	264	953409	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.552	112	21127	1.940	ng	0.00
7) Phenol-d6	7.158	99	289395	19.496	ng	0.01
23) Nitrobenzene-d5	9.146	82	674522	57.854	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	3166	0.615	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	1605613	52.962	ng	0.00
79) Terphenyl-d14	19.898	244	2345418	54.254	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.840	128	457985	11.861	ng	98
37) 2-Methylnaphthalene	12.445	142	163230	5.966	ng	# 86
38) 1-Methylnaphthalene	12.663	142	109217	4.207	ng	# 93
49) Acenaphthylene	14.334	152	87830	2.128	ng	# 96
52) Acenaphthene	14.669	154	203286	7.576	ng	96
55) Dibenzofuran	15.004	168	265709	6.461	ng	97
58) Fluorene	15.651	166	217052	6.601	ng	97
71) Phenanthrene	17.398	178	3063801	59.804	ng	99
72) Anthracene	17.486	178	754129	14.908	ng	99
73) Carbazole	17.751	167	293748	5.900	ng	99
75) Fluoranthene	19.357	202	3892784	63.300	ng	96
78) Pyrene	19.710	202	3599138	62.879	ng	98
81) Benzo(a)anthracene	21.410	228	1886324	31.685	ng	97
83) Chrysene	21.463	228	1660376	28.802	ng	97
84) Bis(2-ethylhexyl)phtha...	21.322	149	1579196	48.839	ng	# 97
87) Indeno(1,2,3-cd)pyrene	26.457	276	1042249	12.849	ng	# 95
88) Benzo(b)fluoranthene	23.127	252	2084290	30.130	ng	# 93
89) Benzo(k)fluoranthene	23.168	252	755951m	11.533	ng	
90) Benzo(a)pyrene	23.768	252	1583089	25.156	ng	# 92
91) Dibenzo(a,h)anthracene	26.457	278	291244	4.137	ng	# 75
92) Benzo(g,h,i)perylene	27.256	276	1009688	14.871	ng	# 92

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

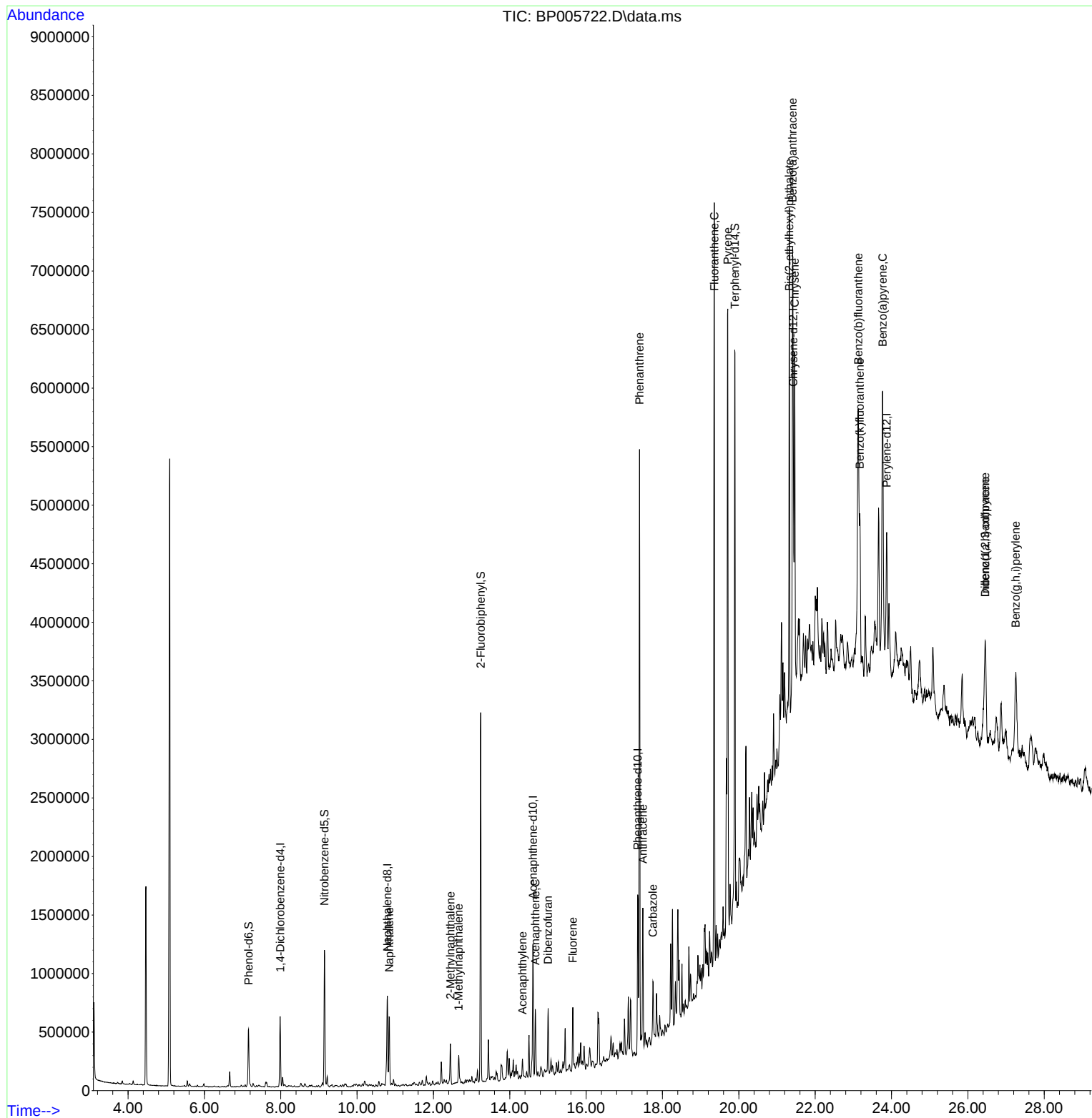
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005722.D
Acq On : 04 Jun 2021 21:07
Operator : CG/JU
Sample : M2589-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

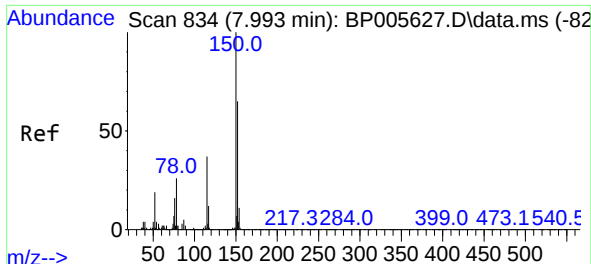
Instrument :
BNA_P
ClientSampleId :
18-B10(2-4)

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Quant Time: Jun 05 02:32:47 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





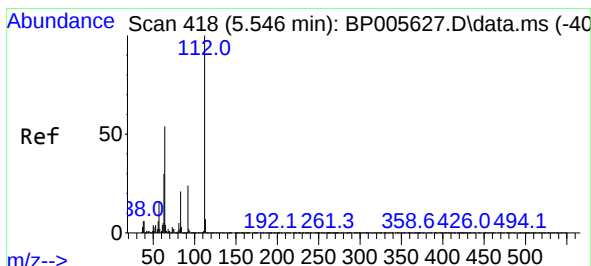
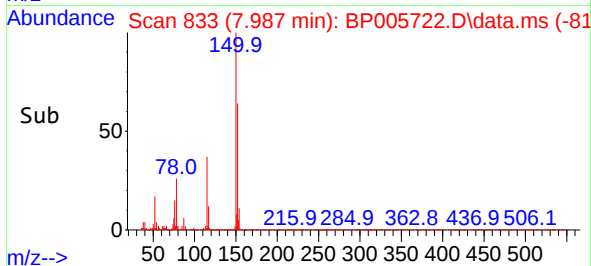
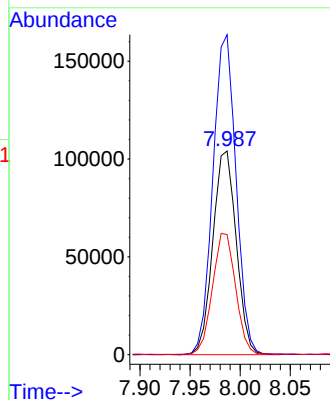
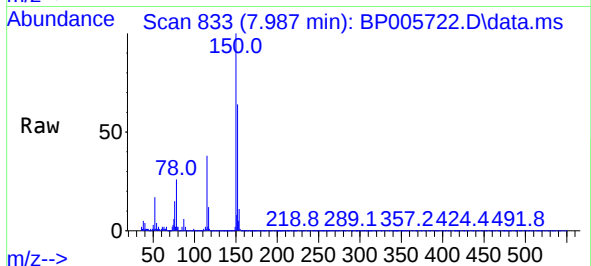
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BP005722.D
Acq: 04 Jun 2021 21:07

Tgt Ion:152 Resp: 169290
Ion Ratio Lower Upper
152 100
150 157.1 119.8 179.8
115 58.9 49.0 73.4

Instrument :
BNA_P
ClientSampleId :
18-B10(2-4)

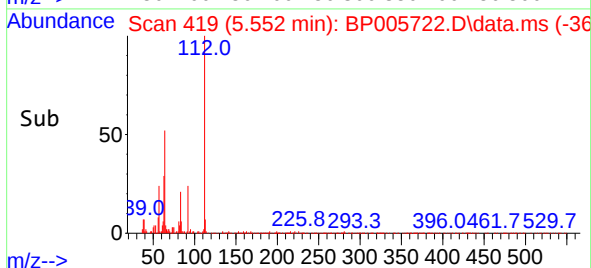
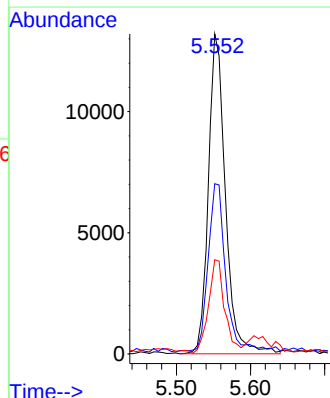
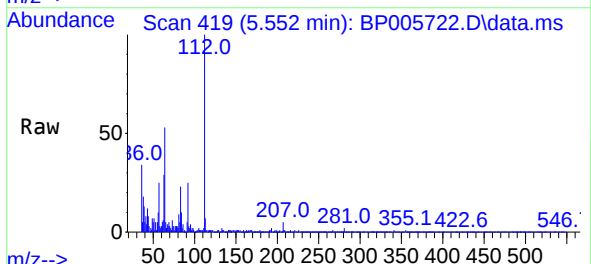
Manual Integrations
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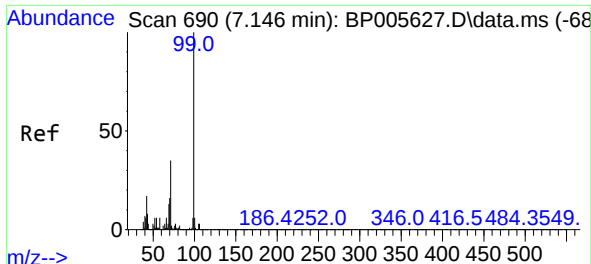
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#5
2-Fluorophenol
Concen: 1.940 ng
RT: 5.552 min Scan# 419
Delta R.T. 0.006 min
Lab File: BP005722.D
Acq: 04 Jun 2021 21:07

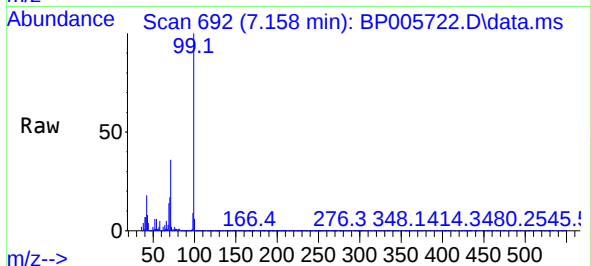
Tgt Ion:112 Resp: 21127
Ion Ratio Lower Upper
112 100
64 53.2 33.6 50.4#
63 29.4 18.6 27.8#





#7
Phenol-d6
Concen: 19.496 ng
RT: 7.158 min Scan# 692
Delta R.T. 0.012 min
Lab File: BP005722.D
Acq: 04 Jun 2021 21:07

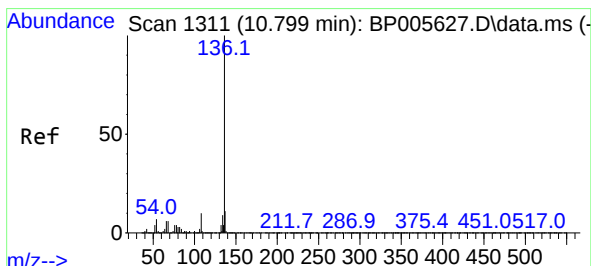
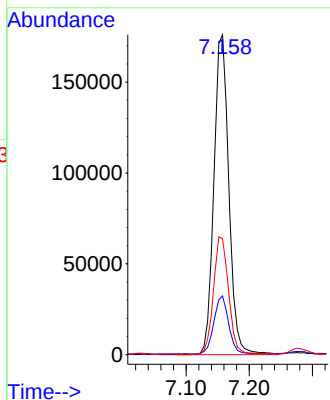
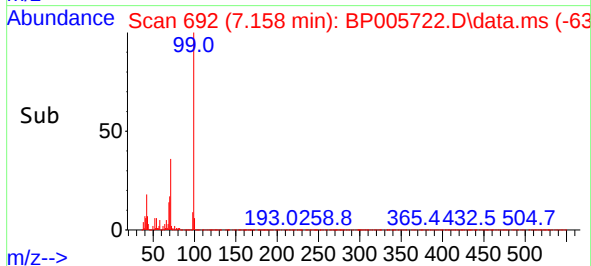
Instrument :
BNA_P
ClientSampled :
18-B10(2-4)



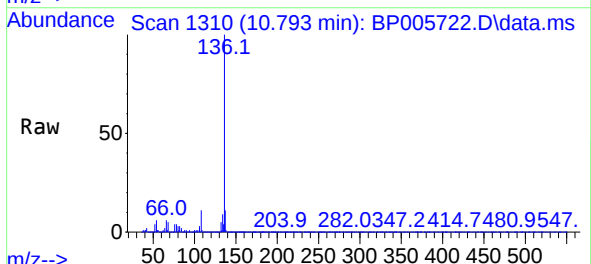
Tgt Ion: 99 Resp: 289395
Ion Ratio Lower Upper
99 100
42 18.4 12.9 19.3
71 36.3 26.7 40.1

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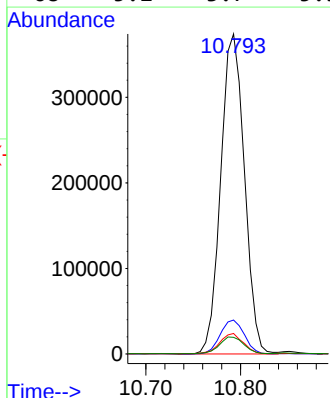
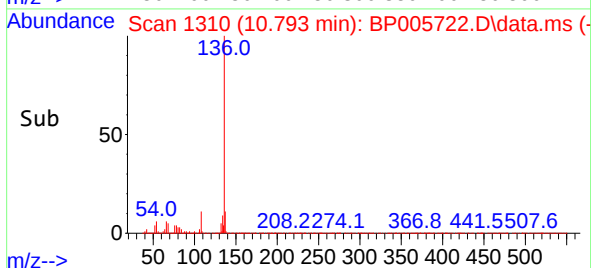
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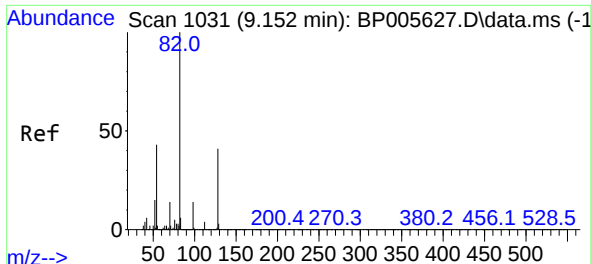


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.793 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP005722.D
Acq: 04 Jun 2021 21:07



Tgt Ion: 136 Resp: 648397
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 6.4 5.0 7.4
68 5.2 3.7 5.5





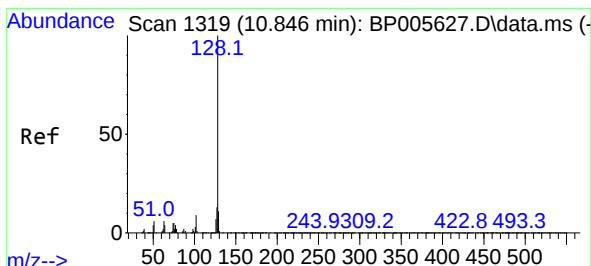
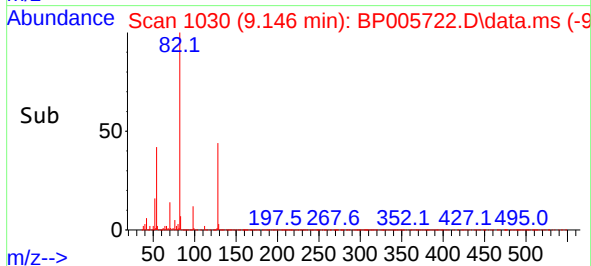
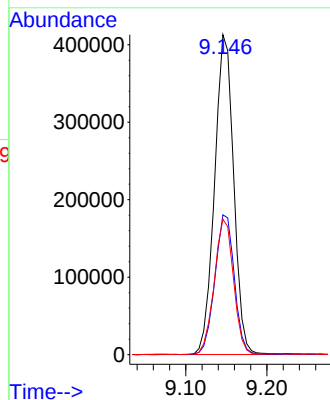
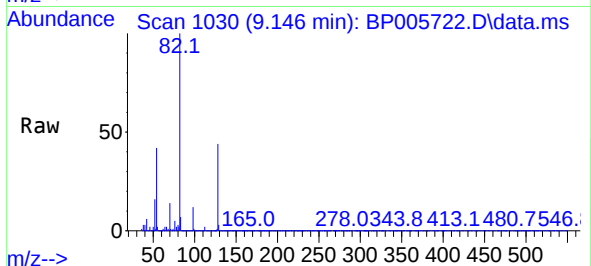
#23
Nitrobenzene-d5
Concen: 57.854 ng
RT: 9.146 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP005722.D
Acq: 04 Jun 2021 21:07

Tgt Ion: 82 Resp: 674522
Ion Ratio Lower Upper
82 100
128 43.7 30.5 45.7
54 42.3 33.9 50.9

Instrument :
BNA_P
ClientSampled :
18-B10(2-4)

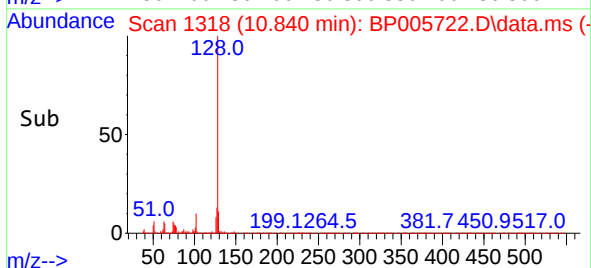
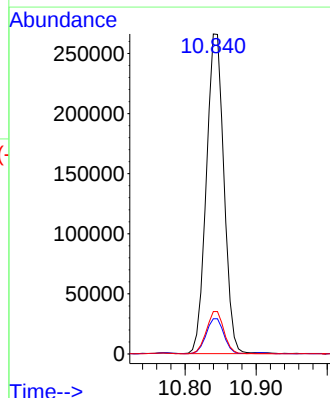
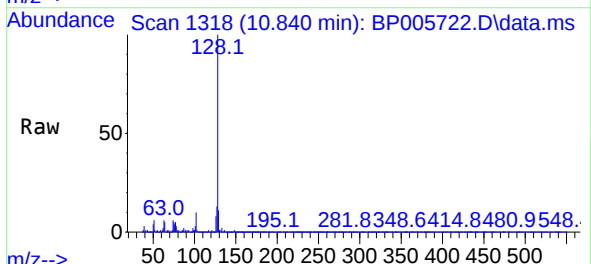
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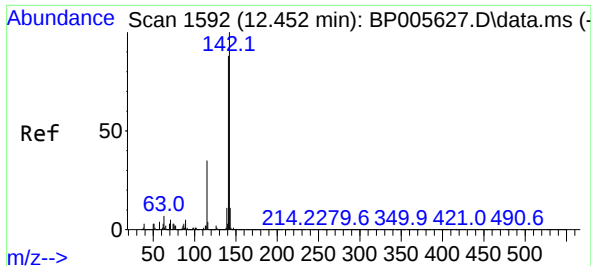
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#31
Naphthalene
Concen: 11.861 ng
RT: 10.840 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BP005722.D
Acq: 04 Jun 2021 21:07

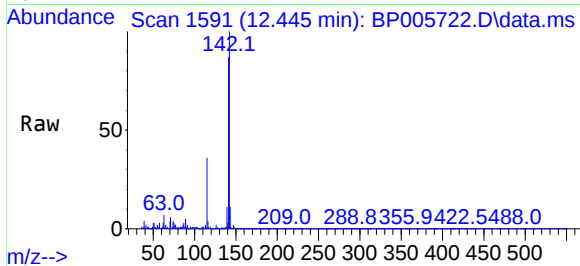
Tgt Ion: 128 Resp: 457985
Ion Ratio Lower Upper
128 100
129 11.0 8.0 12.0
127 13.3 11.1 16.7





#37
2-Methylnaphthalene
Concen: 5.966 ng
RT: 12.445 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BP005722.D
Acq: 04 Jun 2021 21:07

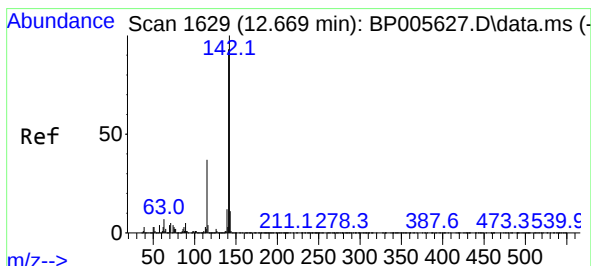
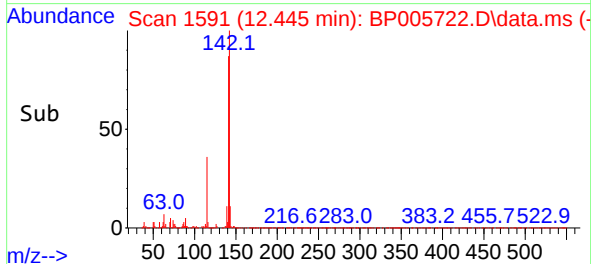
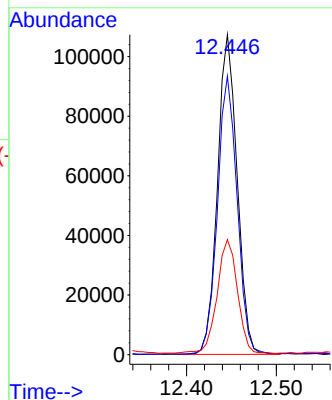
Instrument :
BNA_P
ClientSampleId :
18-B10(2-4)



Tgt Ion:142 Resp: 163230
Ion Ratio Lower Upper
142 100
141 87.0 74.7 112.1
115 35.9 43.8 65.8#

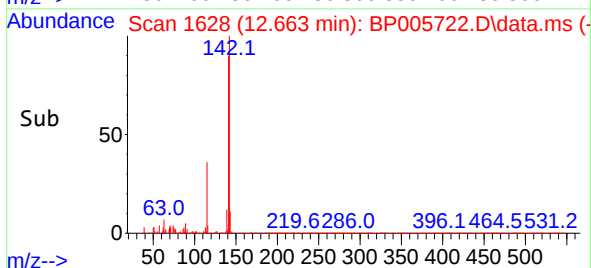
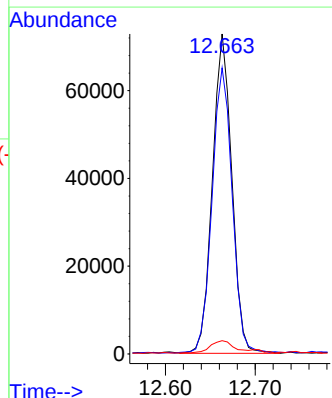
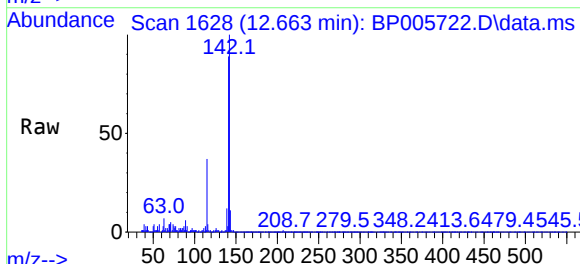
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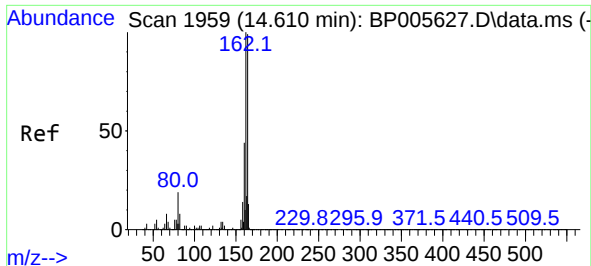
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#38
1-Methylnaphthalene
Concen: 4.207 ng
RT: 12.663 min Scan# 1628
Delta R.T. -0.006 min
Lab File: BP005722.D
Acq: 04 Jun 2021 21:07

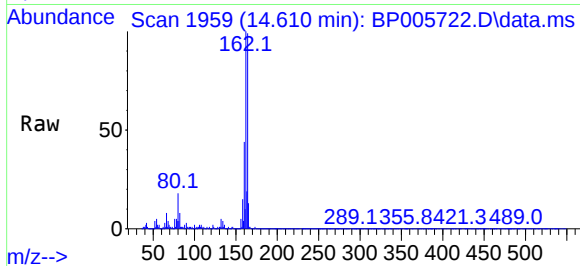
Tgt Ion:142 Resp: 109217
Ion Ratio Lower Upper
142 100
141 89.4 77.0 115.6
116 4.2 5.0 7.6#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BP005722.D
Acq: 04 Jun 2021 21:07

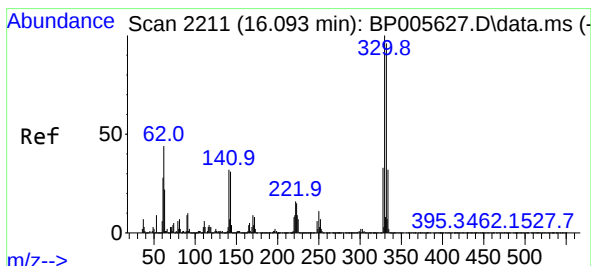
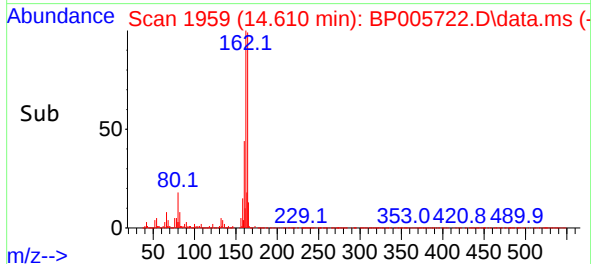
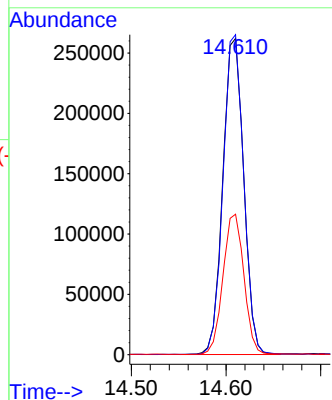
Instrument :
BNA_P
ClientSampleId :
18-B10(2-4)



Tgt Ion:164 Resp: 401212
Ion Ratio Lower Upper
164 100
162 101.2 73.5 110.3
160 44.4 40.6 61.0

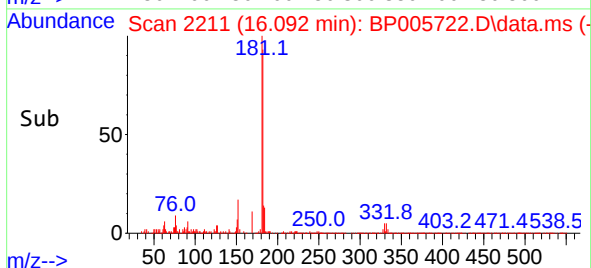
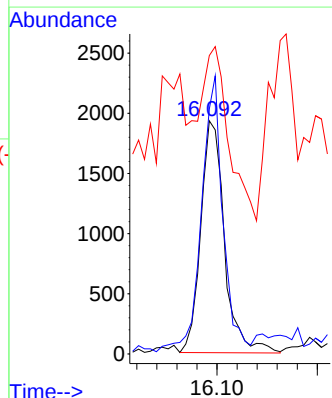
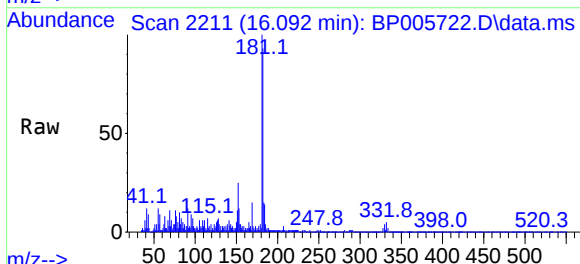
Manual Integrations
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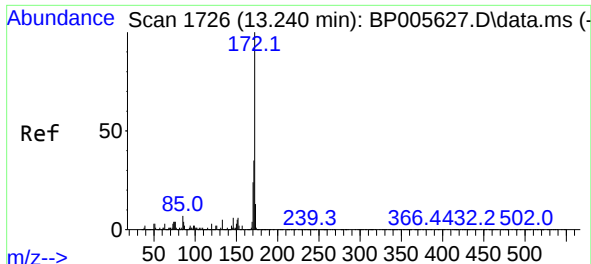
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#42
2,4,6-Tribromophenol
Concen: 0.615 ng
RT: 16.092 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BP005722.D
Acq: 04 Jun 2021 21:07

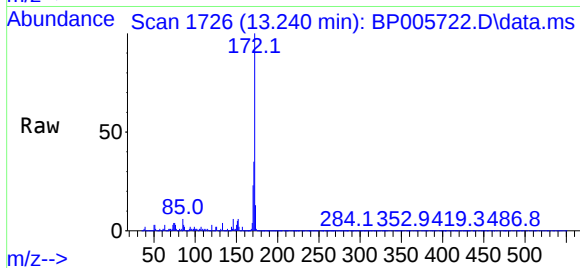
Tgt Ion:330 Resp: 3166
Ion Ratio Lower Upper
330 100
332 107.3 76.3 114.5
141 78.6 22.8 34.2#





#45
2-Fluorobiphenyl
Concen: 52.962 ng
RT: 13.240 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BP005722.D
Acq: 04 Jun 2021 21:07

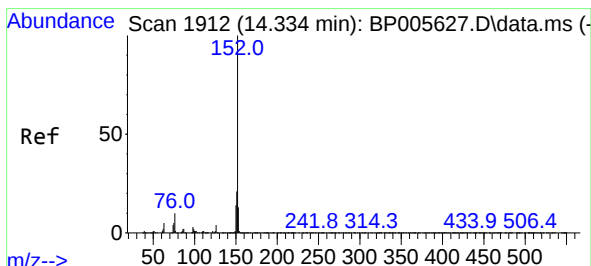
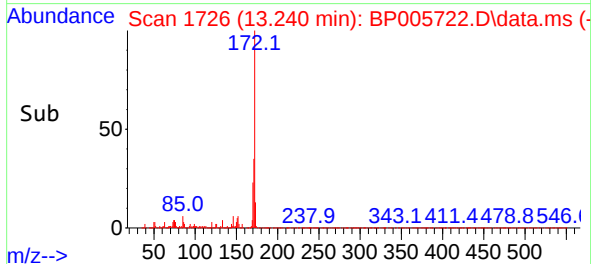
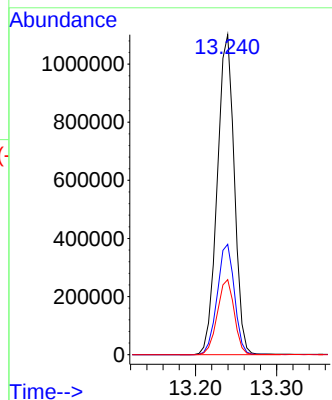
Instrument :
BNA_P
ClientSampleId :
18-B10(2-4)



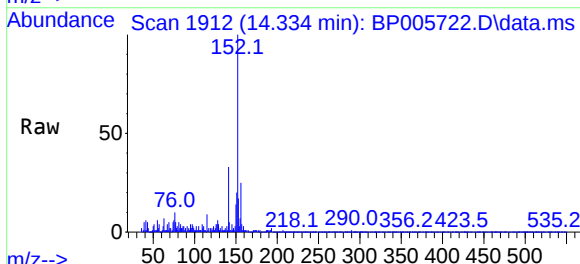
Tgt Ion:172 Resp: 1605613
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 23.5 19.6 29.4

Manual Integrations
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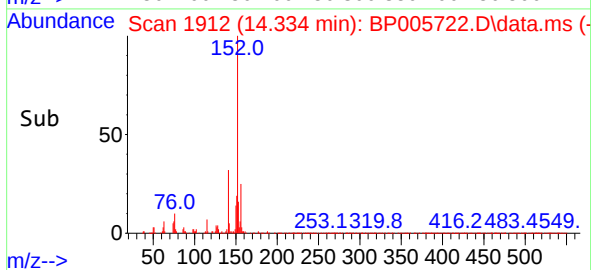
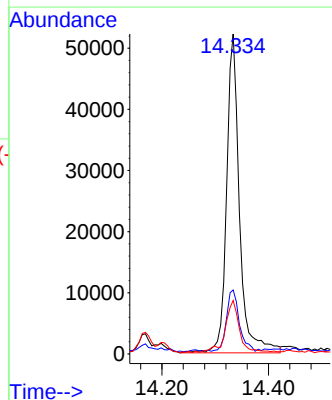
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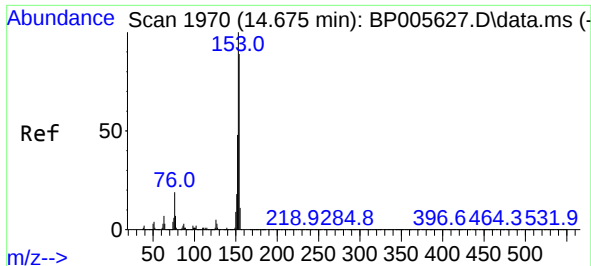


#49
Acenaphthylene
Concen: 2.128 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.000 min
Lab File: BP005722.D
Acq: 04 Jun 2021 21:07



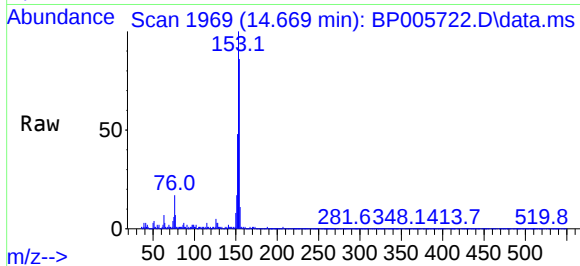
Tgt Ion:152 Resp: 87830
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.6
153 16.7 10.5 15.7#





#52
Acenaphthene
Concen: 7.576 ng
RT: 14.669 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BP005722.D
Acq: 04 Jun 2021 21:07

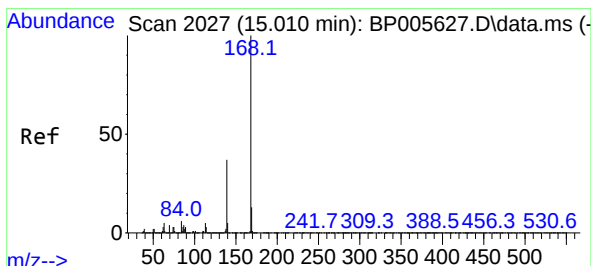
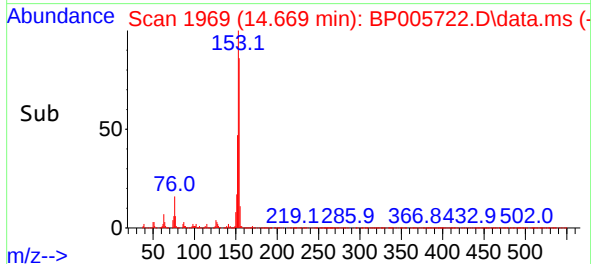
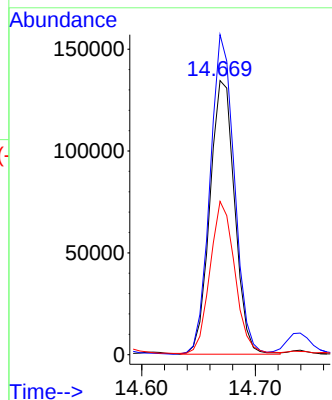
Instrument :
BNA_P
ClientSampleId :
18-B10(2-4)



Tgt Ion:154 Resp: 203286
Ion Ratio Lower Upper
154 100
153 116.7 90.9 136.3
152 55.9 48.5 72.7

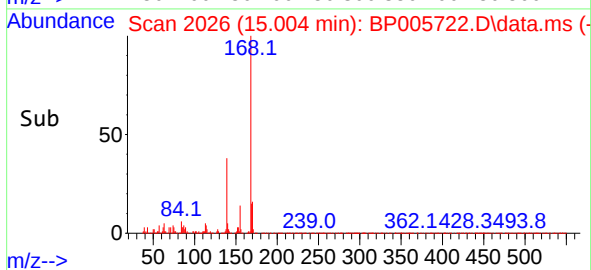
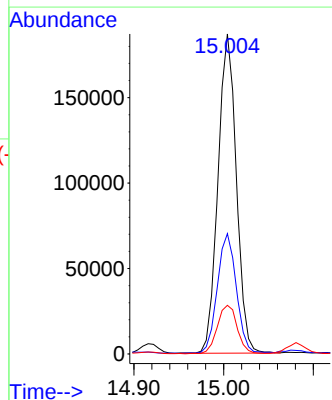
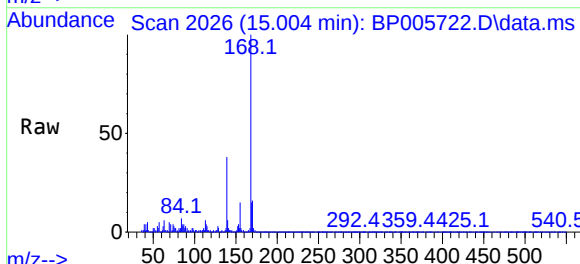
Manual Integrations
APPROVED

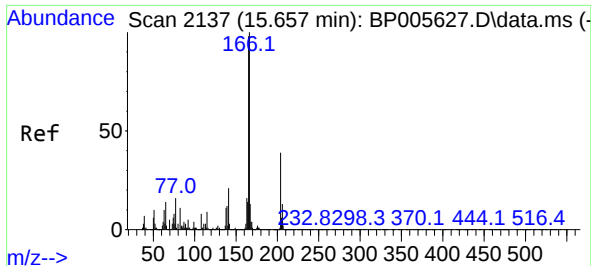
mohammad
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#55
Dibenzofuran
Concen: 6.461 ng
RT: 15.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BP005722.D
Acq: 04 Jun 2021 21:07

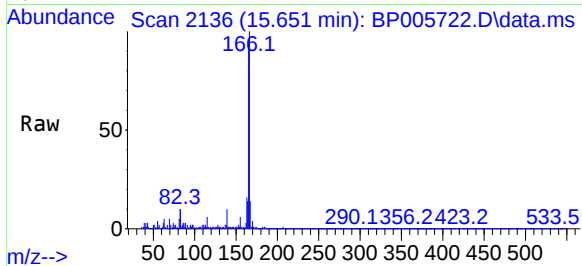
Tgt Ion:168 Resp: 265709
Ion Ratio Lower Upper
168 100
139 37.6 31.4 47.0
169 15.2 11.4 17.0





#58
Fluorene
Concen: 6.601 ng
RT: 15.651 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BP005722.D
Acq: 04 Jun 2021 21:07

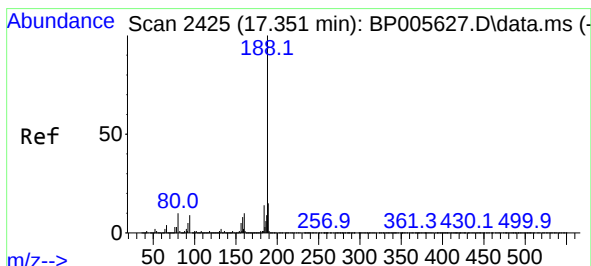
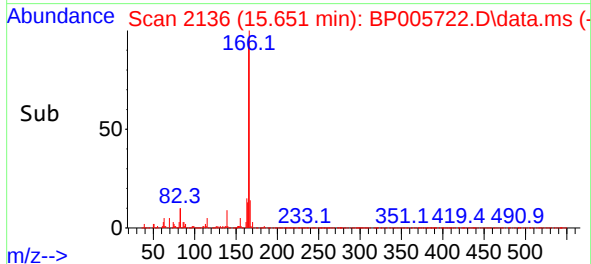
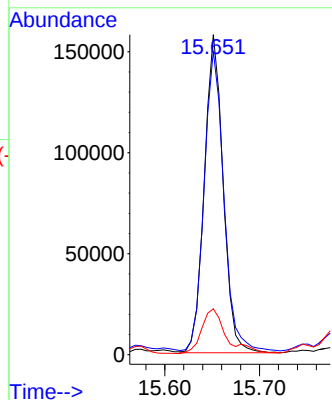
Instrument :
BNA_P
ClientSampleId :
18-B10(2-4)



Tgt Ion:166 Resp: 217052
Ion Ratio Lower Upper
166 100
165 94.9 78.8 118.2
167 14.4 10.9 16.3

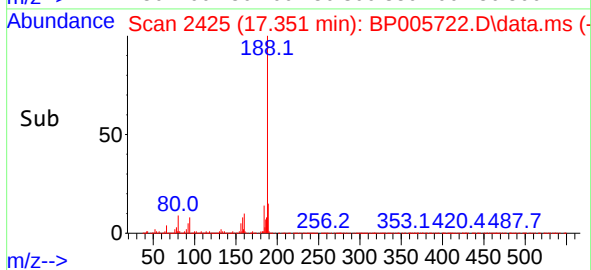
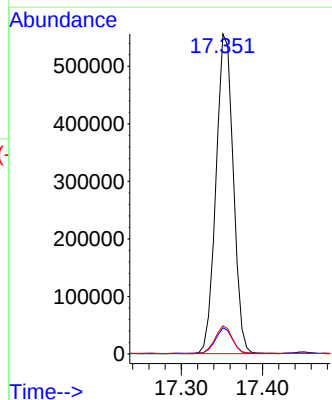
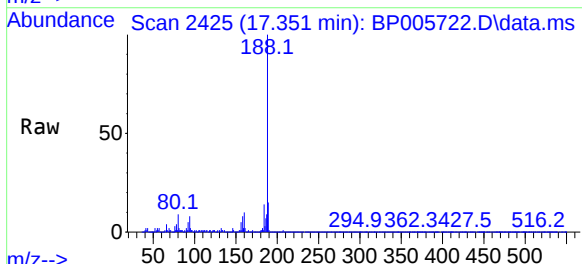
Manual Integrations
APPROVED

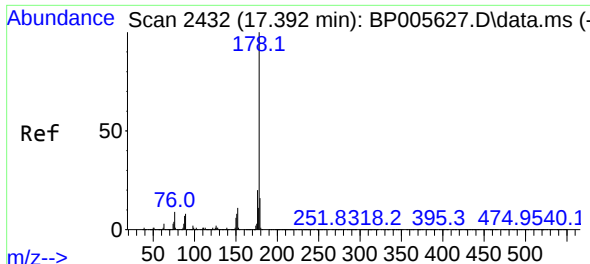
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP005722.D
Acq: 04 Jun 2021 21:07

Tgt Ion:188 Resp: 822314
Ion Ratio Lower Upper
188 100
94 8.2 5.0 7.6#
80 8.8 5.9 8.9





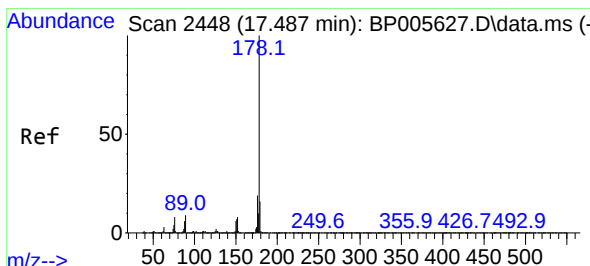
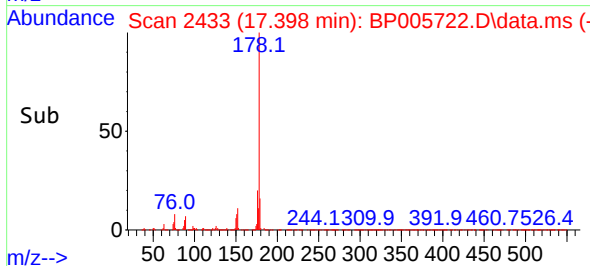
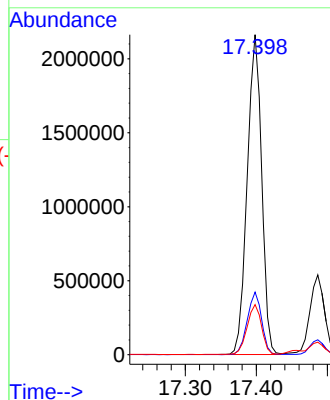
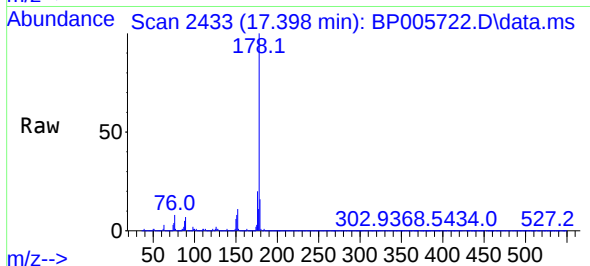
#71
Phenanthrene
Concen: 59.804 ng
RT: 17.398 min Scan# 2433
Delta R.T. 0.006 min
Lab File: BP005722.D
Acq: 04 Jun 2021 21:07

Tgt Ion:178 Resp: 3063801
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 15.6 12.3 18.5

Instrument :
BNA_P
ClientSampleId :
18-B10(2-4)

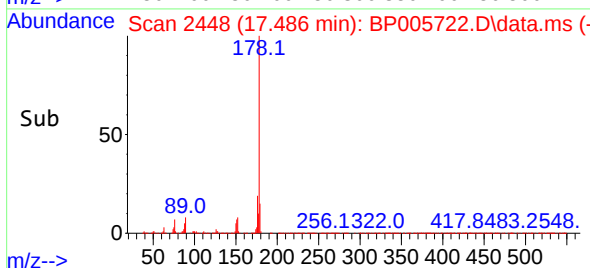
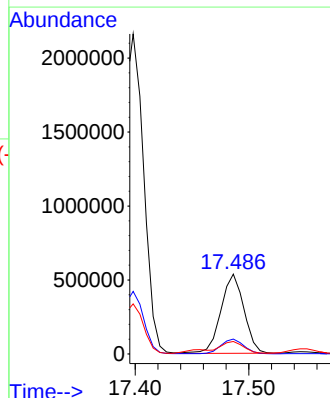
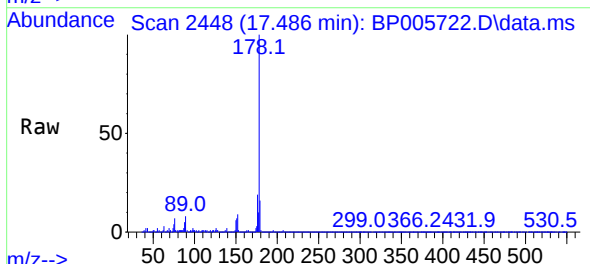
Manual Integrations
APPROVED

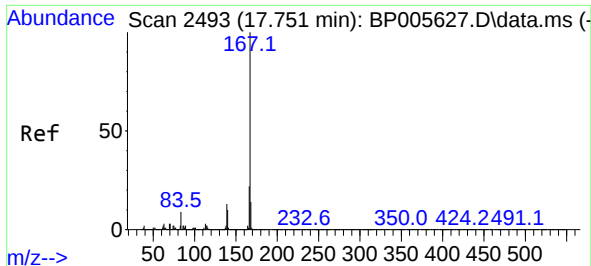
mohammad
6/7/2021 12:25:35 PM



#72
Anthracene
Concen: 14.908 ng
RT: 17.486 min Scan# 2448
Delta R.T. -0.000 min
Lab File: BP005722.D
Acq: 04 Jun 2021 21:07

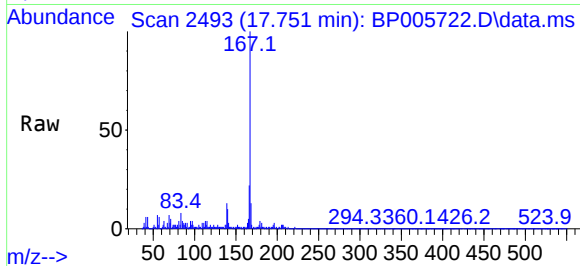
Tgt Ion:178 Resp: 754129
Ion Ratio Lower Upper
178 100
176 18.7 15.2 22.8
179 15.6 12.6 19.0





#73
 Carbazole
 Concen: 5.900 ng
 RT: 17.751 min Scan# 2493
 Delta R.T. -0.000 min
 Lab File: BP005722.D
 Acq: 04 Jun 2021 21:07

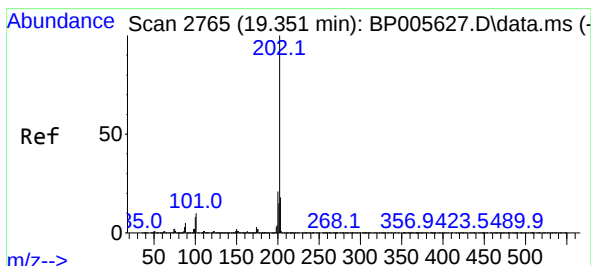
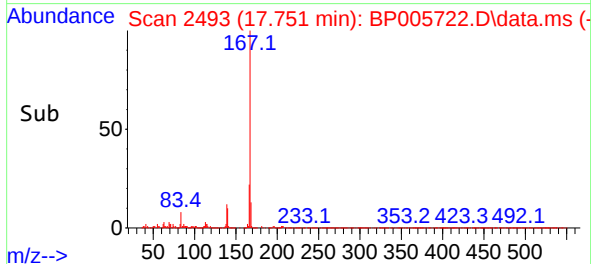
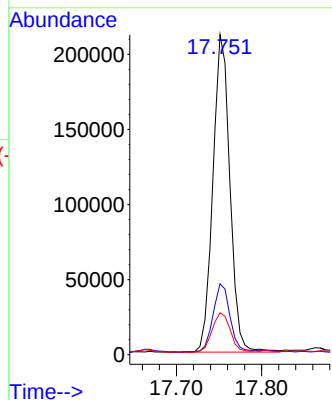
Instrument :
 BNA_P
 ClientSampleId :
 18-B10(2-4)



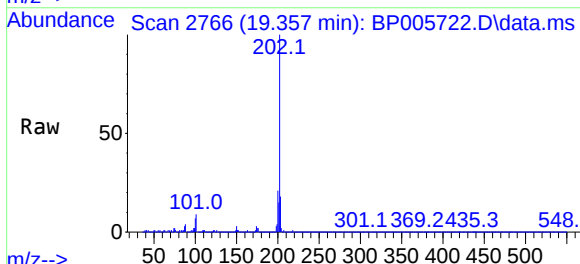
Tgt Ion:	167	Resp:	293748
Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.4	26.0
139	13.1	10.4	15.6

Manual Integrations
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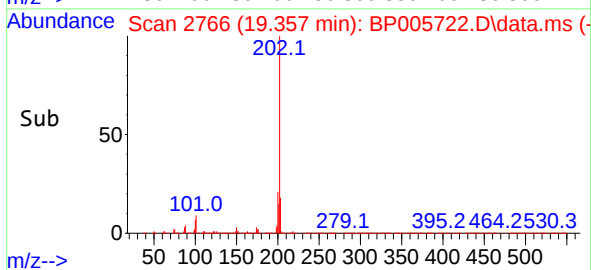
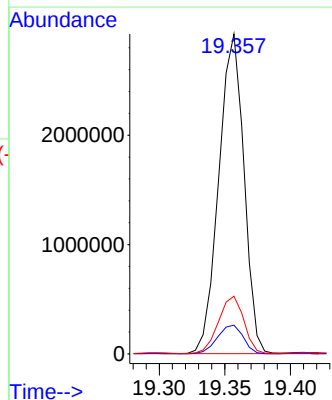
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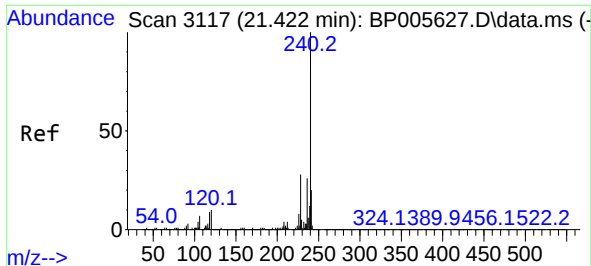


#75
 Fluoranthene
 Concen: 63.300 ng
 RT: 19.357 min Scan# 2766
 Delta R.T. 0.006 min
 Lab File: BP005722.D
 Acq: 04 Jun 2021 21:07



Tgt Ion:	202	Resp:	3892784
Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	26.1
203	18.0	0.0	37.2





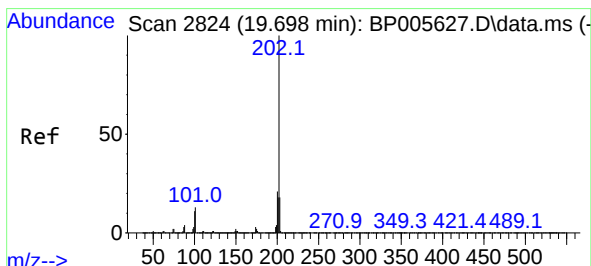
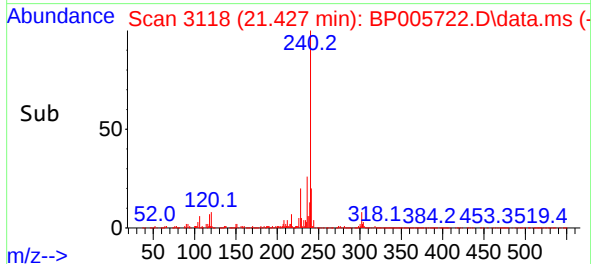
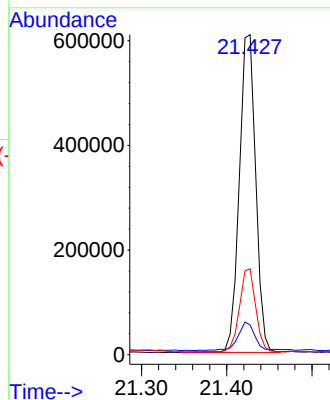
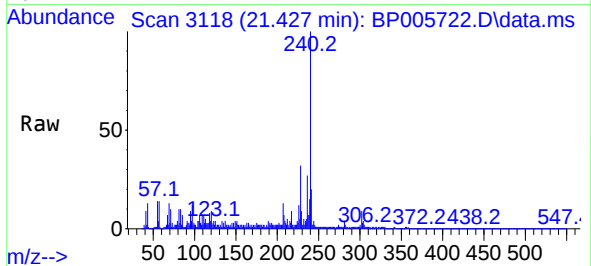
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3118
Delta R.T. 0.005 min
Lab File: BP005722.D
Acq: 04 Jun 2021 21:07

Tgt Ion:240 Resp: 811196
Ion Ratio Lower Upper
240 100
120 9.3 4.2 6.2#
236 26.9 20.2 30.2

Instrument :
BNA_P
ClientSampleId :
18-B10(2-4)

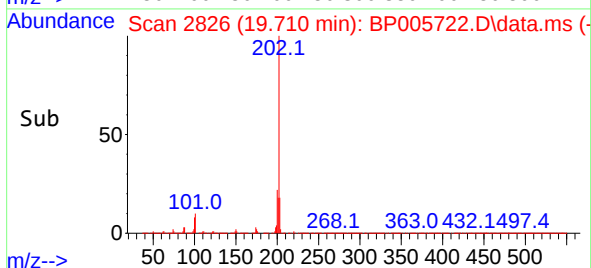
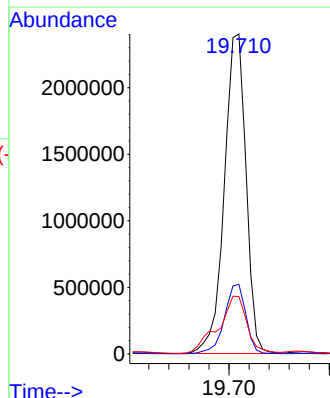
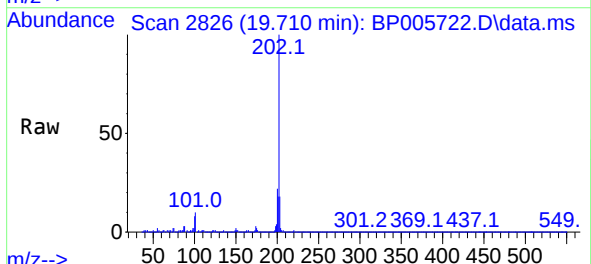
Manual Integrations
APPROVED

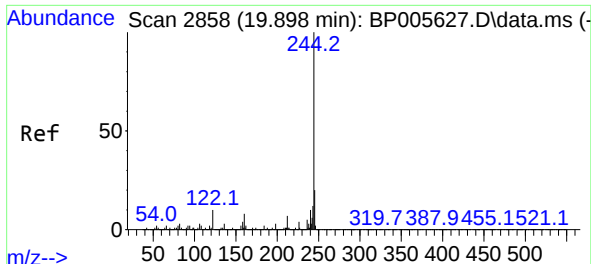
mohammad
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#78
Pyrene
Concen: 62.879 ng
RT: 19.710 min Scan# 2826
Delta R.T. 0.012 min
Lab File: BP005722.D
Acq: 04 Jun 2021 21:07

Tgt Ion:202 Resp: 3599138
Ion Ratio Lower Upper
202 100
200 21.7 16.9 25.3
203 18.0 13.8 20.6





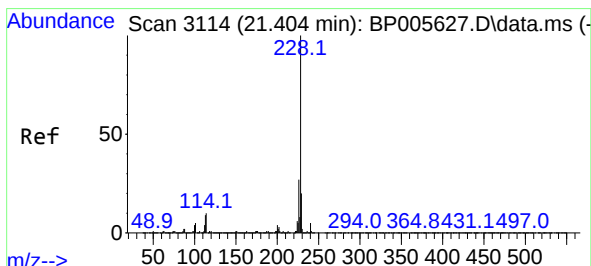
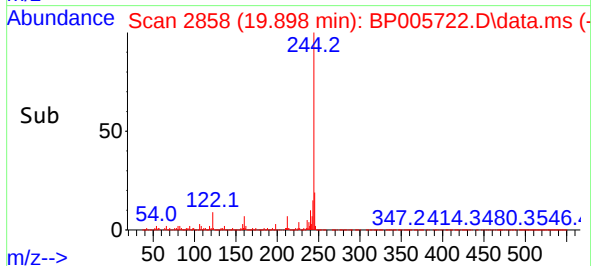
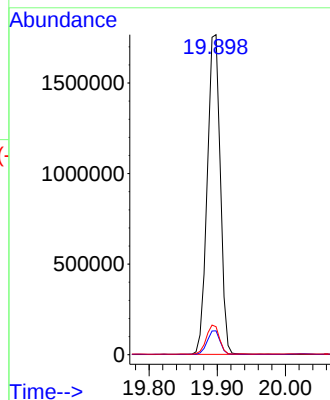
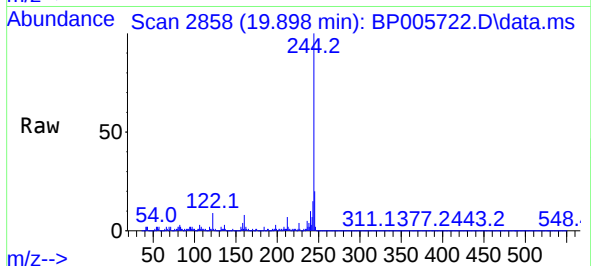
#79
Terphenyl-d14
Concen: 54.254 ng
RT: 19.898 min Scan# 2858
Delta R.T. -0.000 min
Lab File: BP005722.D
Acq: 04 Jun 2021 21:07

Tgt Ion:244 Resp: 2345418
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 8.8 5.2 7.8#

Instrument :
BNA_P
ClientSampleId :
18-B10(2-4)

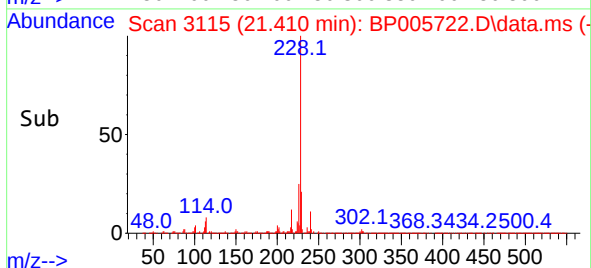
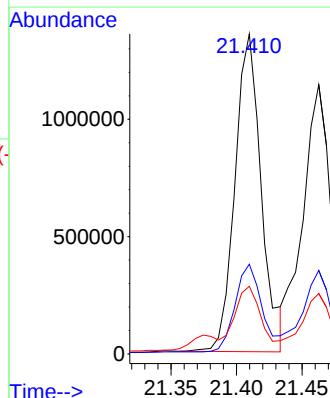
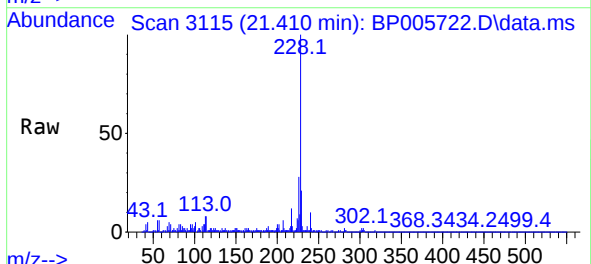
Manual Integrations
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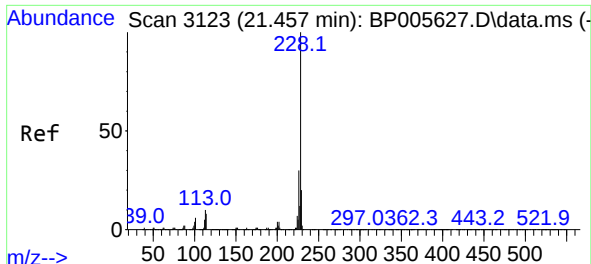
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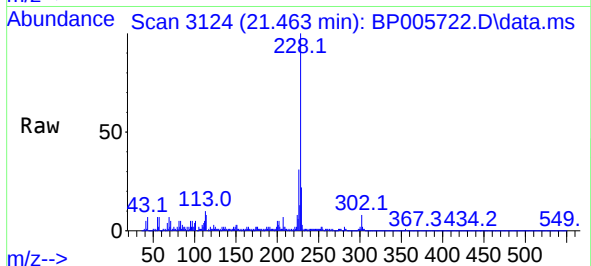
#81
Benzo(a)anthracene
Concen: 31.685 ng
RT: 21.410 min Scan# 3115
Delta R.T. 0.006 min
Lab File: BP005722.D
Acq: 04 Jun 2021 21:07

Tgt Ion:228 Resp: 1886324
Ion Ratio Lower Upper
228 100
226 28.1 21.2 31.8
229 21.2 15.6 23.4

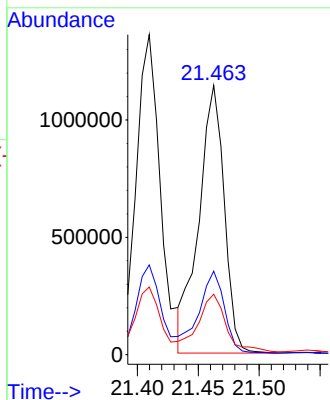
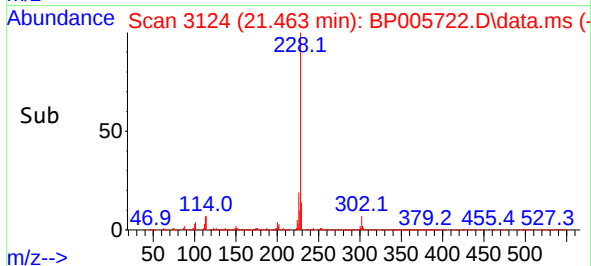




#83
Chrysene
Concen: 28.802 ng
RT: 21.463 min Scan# 3124
Delta R.T. 0.006 min
Lab File: BP005722.D
Acq: 04 Jun 2021 21:07



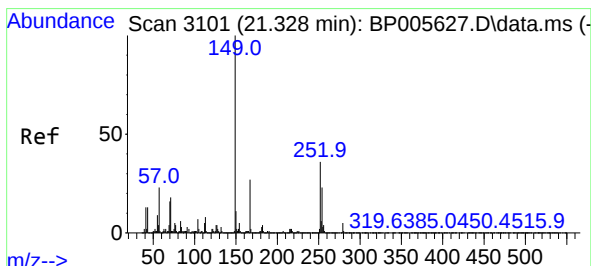
Tgt Ion:228 Resp: 1660376
Ion Ratio Lower Upper
228 100
226 31.0 24.8 37.2
229 22.4 15.4 23.0



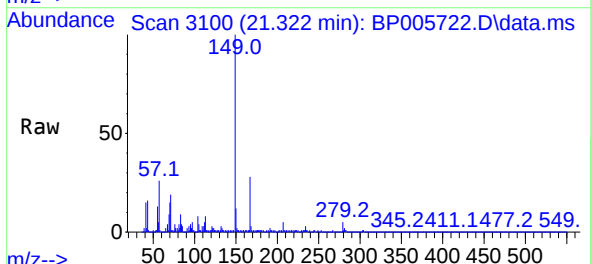
Instrument :
BNA_P
ClientSampled :
18-B10(2-4)

Manual Integrations
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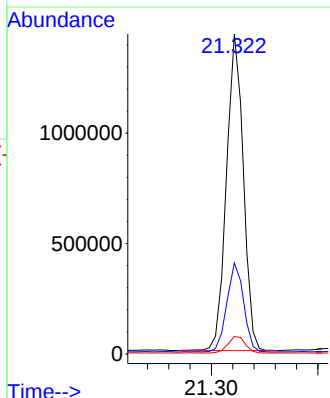
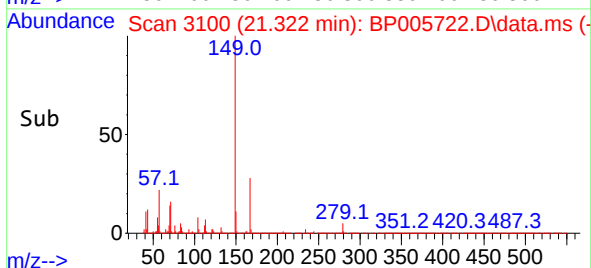
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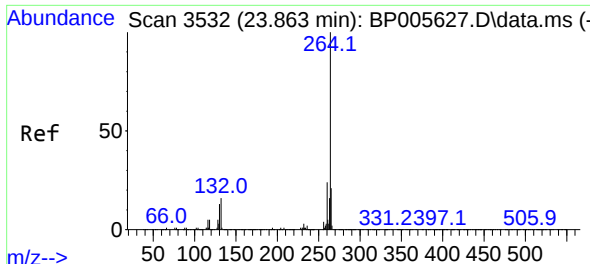


#84
Bis(2-ethylhexyl)phthalate
Concen: 48.839 ng
RT: 21.322 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BP005722.D
Acq: 04 Jun 2021 21:07



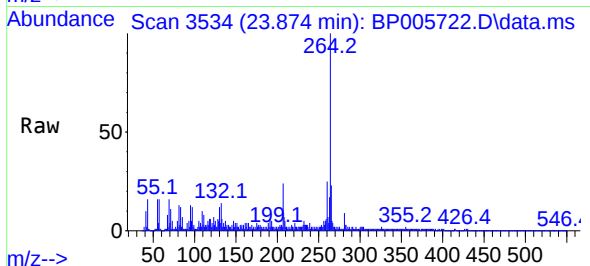
Tgt Ion:149 Resp: 1579196
Ion Ratio Lower Upper
149 100
167 28.5 23.8 35.8
279 5.5 5.7 8.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.874 min Scan# 3534
Delta R.T. 0.012 min
Lab File: BP005722.D
Acq: 04 Jun 2021 21:07

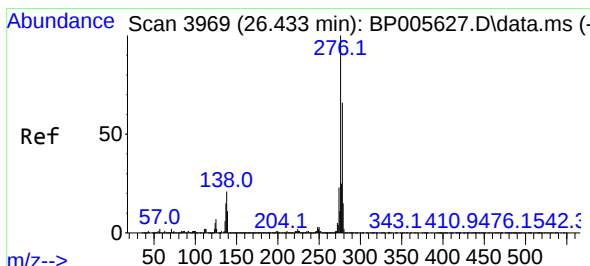
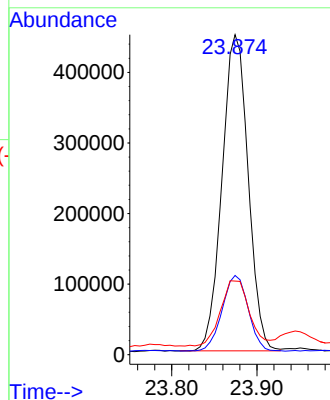
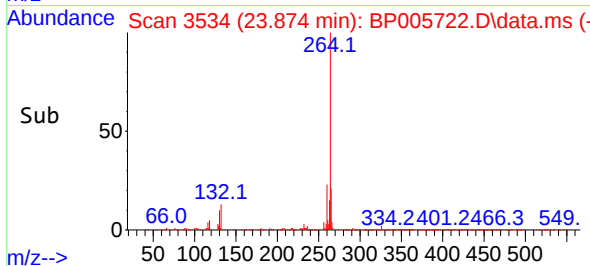
Instrument :
BNA_P
ClientSampleId :
18-B10(2-4)



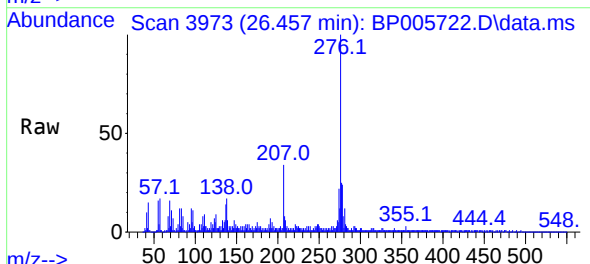
Tgt Ion:264 Resp: 953409
Ion Ratio Lower Upper
264 100
260 24.7 20.6 30.8
265 23.0 19.0 28.6

Manual Integrations
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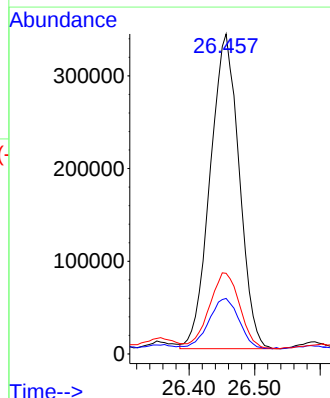
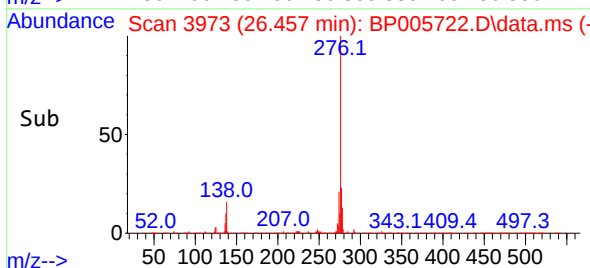
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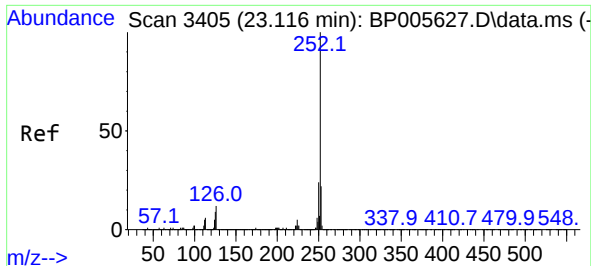


#87
Indeno(1,2,3-cd)pyrene
Concen: 12.849 ng
RT: 26.457 min Scan# 3973
Delta R.T. 0.023 min
Lab File: BP005722.D
Acq: 04 Jun 2021 21:07



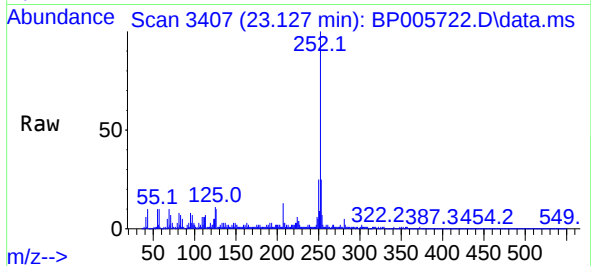
Tgt Ion:276 Resp: 1042249
Ion Ratio Lower Upper
276 100
138 16.7 8.4 12.6#
277 25.3 20.6 31.0





#88
Benzo(b)fluoranthene
Concen: 30.130 ng
RT: 23.127 min Scan# 3407
Delta R.T. 0.012 min
Lab File: BP005722.D
Acq: 04 Jun 2021 21:07

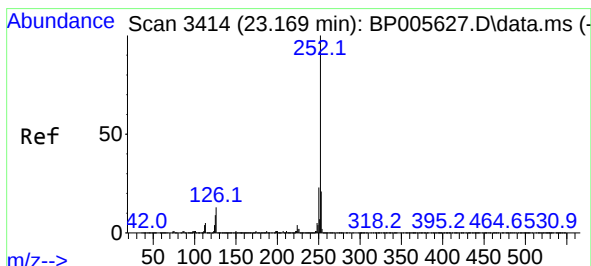
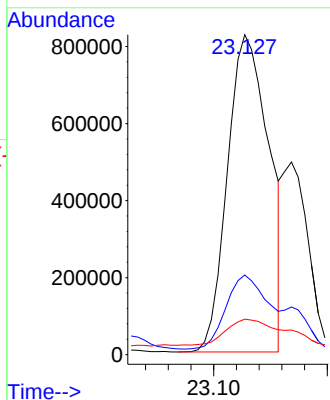
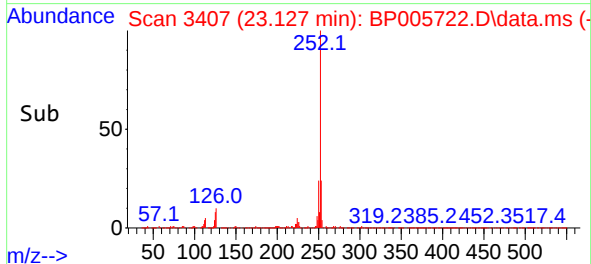
Instrument :
BNA_P
ClientSampleId :
18-B10(2-4)



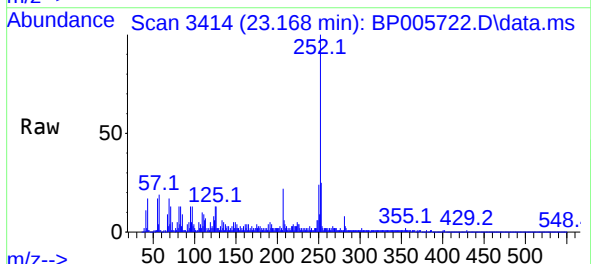
Tgt Ion:252 Resp: 2084290
Ion Ratio Lower Upper
252 100
253 24.9 18.2 27.2
125 11.1 3.4 5.0#

Manual Integrations
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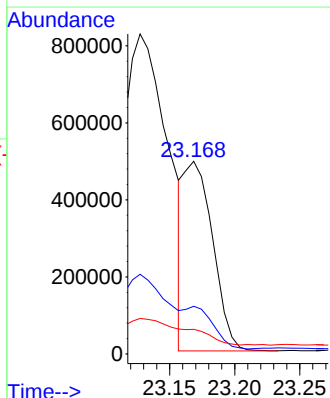
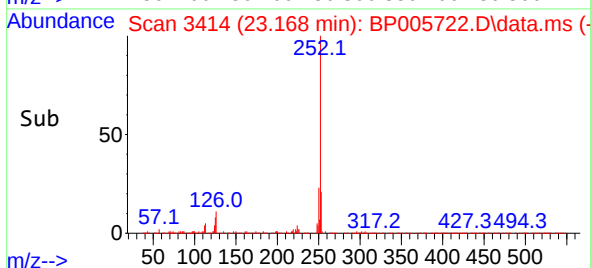
mohammad
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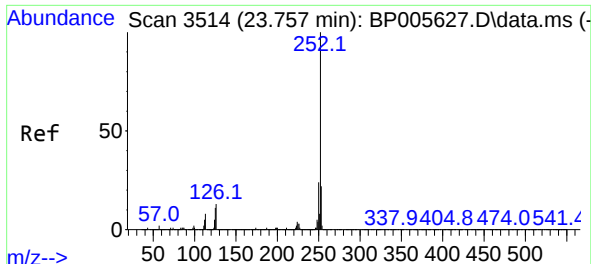


#89
Benzo(k)fluoranthene
Concen: 11.533 ng m
RT: 23.168 min Scan# 3414
Delta R.T. -0.000 min
Lab File: BP005722.D
Acq: 04 Jun 2021 21:07



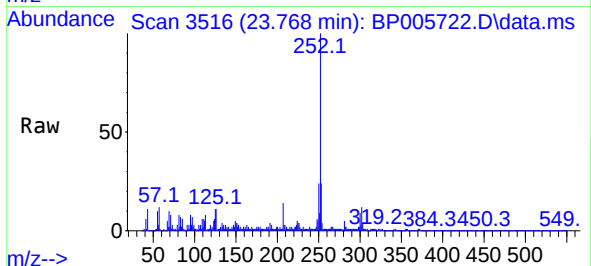
Tgt Ion:252 Resp: 755951
Ion Ratio Lower Upper
252 100
253 24.8 17.2 25.8
125 12.8 3.8 5.6#





#90
Benzo(a)pyrene
Concen: 25.156 ng
RT: 23.768 min Scan# 3516
Delta R.T. 0.012 min
Lab File: BP005722.D
Acq: 04 Jun 2021 21:07

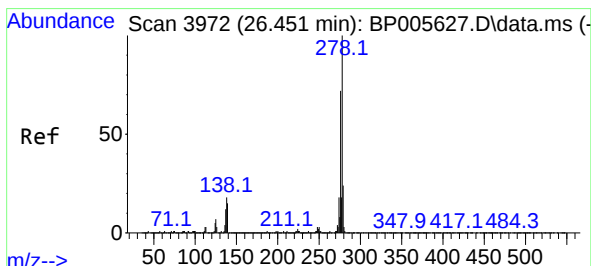
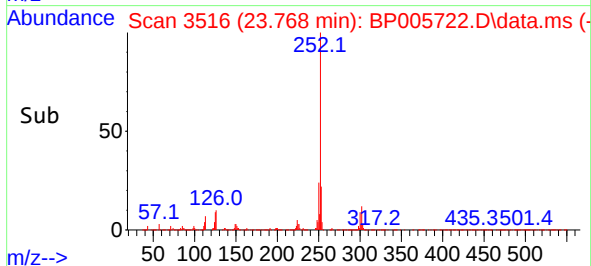
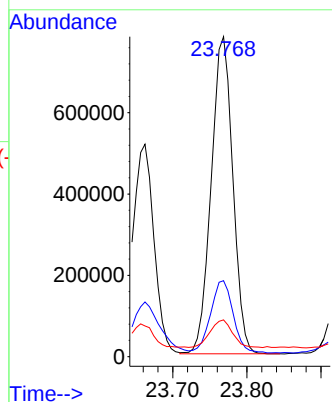
Instrument :
BNA_P
ClientSampleId :
18-B10(2-4)



Tgt Ion:252 Resp: 1583089
Ion Ratio Lower Upper
252 100
253 23.7 17.1 25.7
125 11.5 3.8 5.6#

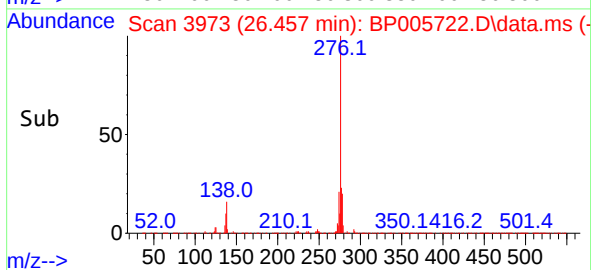
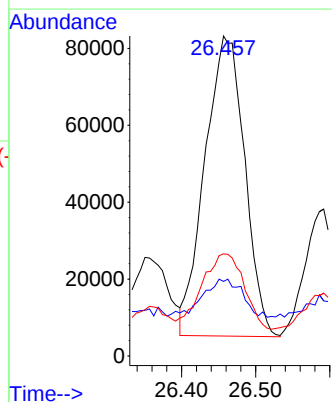
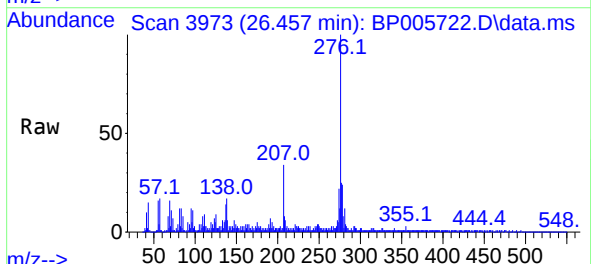
Manual Integrations
APPROVED

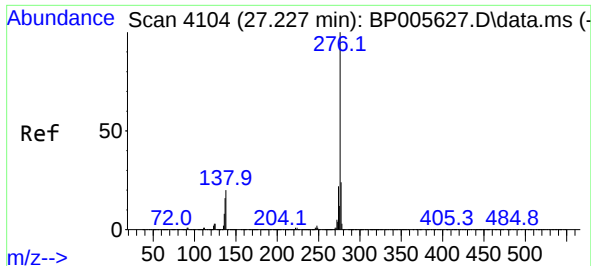
mohammad
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#91
Dibenzo(a,h)anthracene
Concen: 4.137 ng
RT: 26.457 min Scan# 3973
Delta R.T. 0.006 min
Lab File: BP005722.D
Acq: 04 Jun 2021 21:07

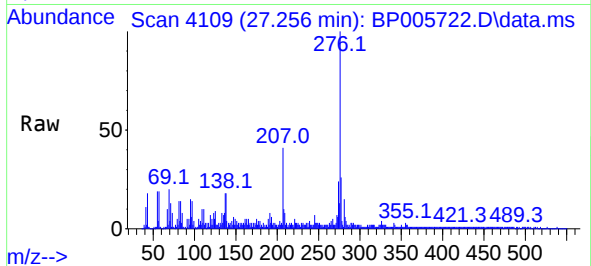
Tgt Ion:278 Resp: 291244
Ion Ratio Lower Upper
278 100
139 23.3 5.0 7.6#
279 31.9 18.6 28.0#





#92
Benzo(g,h,i)perylene
Concen: 14.871 ng
RT: 27.256 min Scan# 4109
Delta R.T. 0.029 min
Lab File: BP005722.D
Acq: 04 Jun 2021 21:07

Instrument :
BNA_P
ClientSampleId :
18-B10(2-4)



Tgt Ion: 276 Resp: 1009688
Ion Ratio Lower Upper
276 100
277 25.8 19.8 29.8
138 18.0 7.7 11.5#

Manual Integrations
APPROVED

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