

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060321\
 Data File : BP005698.D
 Acq On : 03 Jun 2021 21:30
 Operator : CG/JU
 Sample : M2580-07RE 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B3(0-2)RE

Manual Integrations
 APPROVED

mohammad
 6/4/2021 9:34:56 AM

Quant Time: Jun 04 01:05:14 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	7.981	152	195550	20.00	ng	-0.01
21) Naphthalene-d8	10.793	136	770676	20.00	ng	# 0.00
39) Acenaphthene-d10	14.610	164	480627	20.00	ng	0.00
64) Phenanthrene-d10	17.351	188	992900	20.00	ng	# 0.00
76) Chrysene-d12	21.416	240	972581	20.00	ng	# 0.00
86) Perylene-d12	23.863	264	1078915	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	14903	1.18	ng	0.00
7) Phenol-d6	7.146	99	103930	6.06	ng	0.00
23) Nitrobenzene-d5	9.146	82	140442	10.13	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	706	0.11	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	347013	9.56	ng	0.00
79) Terphenyl-d14	19.892	244	526999	10.17	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.840	128	212294	4.63	ng	97
37) 2-Methylnaphthalene	12.445	142	94245	2.90	ng	# 86
52) Acenaphthene	14.669	154	97208	3.02	ng	96
55) Dibenzofuran	15.004	168	114521	2.32	ng	99
58) Fluorene	15.651	166	103311	2.62	ng	99
71) Phenanthrene	17.392	178	1258704	20.35	ng	99
72) Anthracene	17.486	178	288603	4.73	ng	97
75) Fluoranthene	19.351	202	1075868	14.49	ng	96
78) Pyrene	19.698	202	986861	14.38	ng	99
81) Benzo(a)anthracene	21.404	228	430811	6.04	ng	96
83) Chrysene	21.457	228	378346m	5.47	ng	
87) Indeno(1,2,3-cd)pyrene	26.427	276	230598	2.51	ng	# 94
88) Benzo(b)fluoranthene	23.110	252	448511	5.73	ng	# 80
89) Benzo(k)fluoranthene	23.157	252	153829m	2.07	ng	
90) Benzo(a)pyrene	23.751	252	360332	5.06	ng	# 89
92) Benzo(g,h,i)perylene	27.221	276	234380	3.05	ng	# 86

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

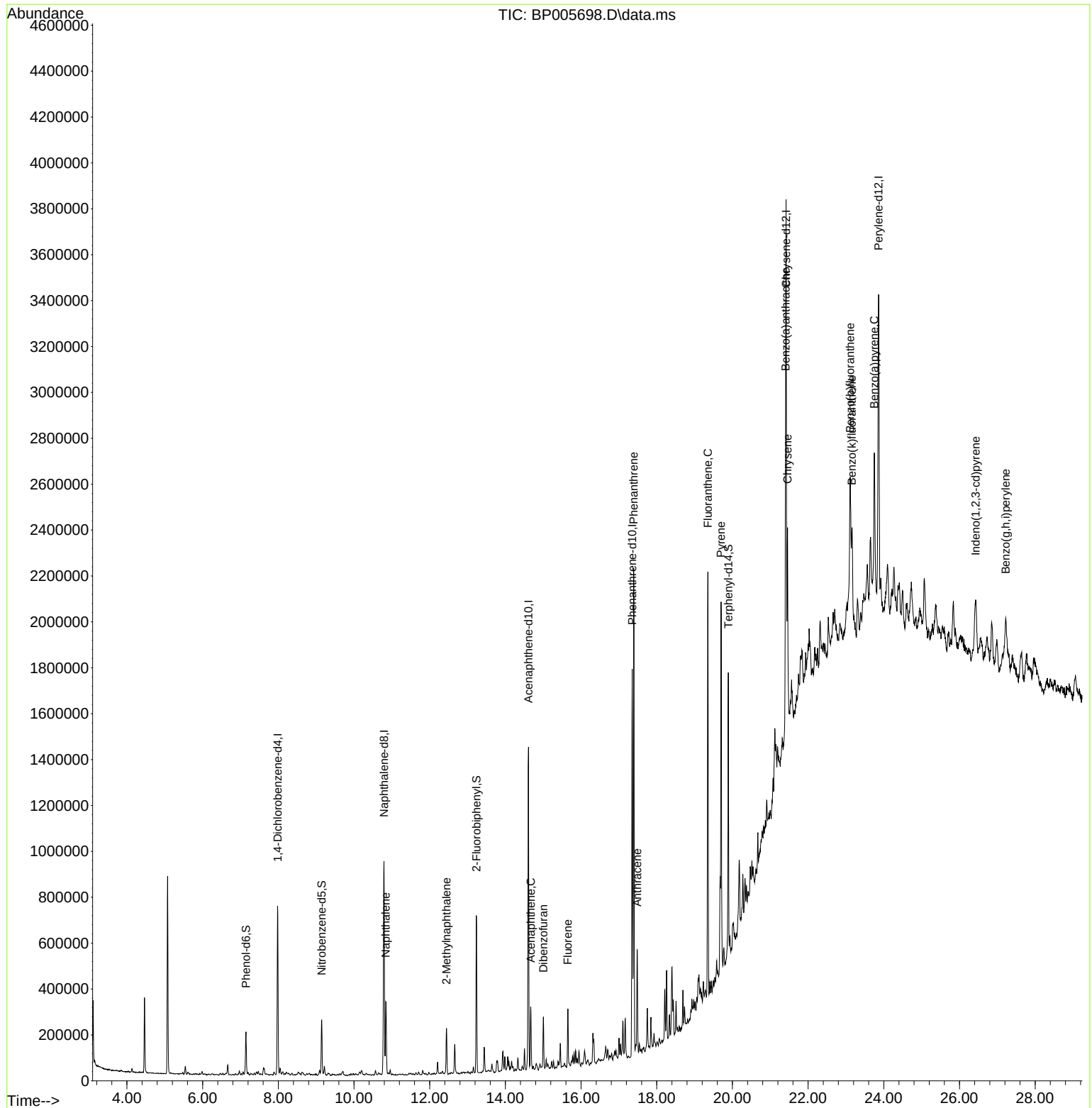
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060321\
Data File : BP005698.D
Acq On : 03 Jun 2021 21:30
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ALS Vial : 16 Sample Multiplier: 1

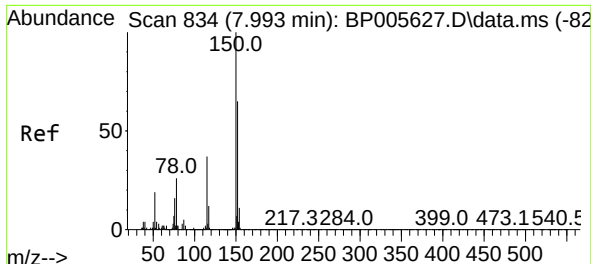
Instrument :
BNA_P
ClientSampled :
18-B3(0-2)RE

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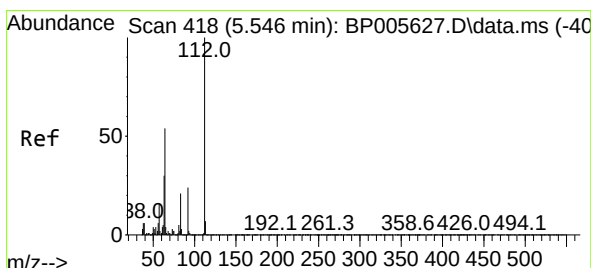
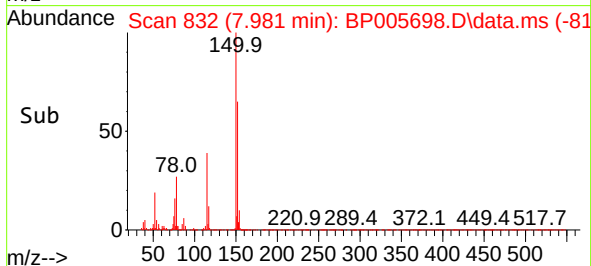
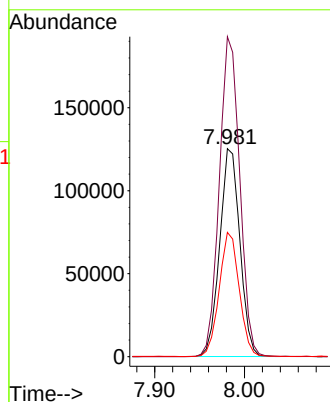
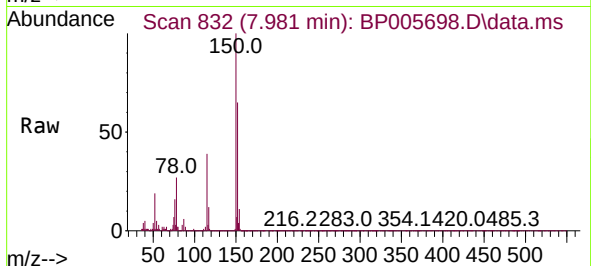
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.981 min Scan# 832
Delta R.T. -0.012 min
Lab File: BP005698.D
Acq: 03 Jun 2021 21:30

Tgt Ion:152 Resp: 195550
Ion Ratio Lower Upper
152 100
150 153.8 119.8 179.8
115 59.8 49.0 73.4

Instrument :
BNA_P
ClientSampled :
18-B3(0-2)RE

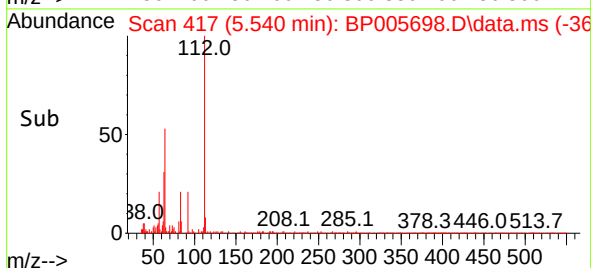
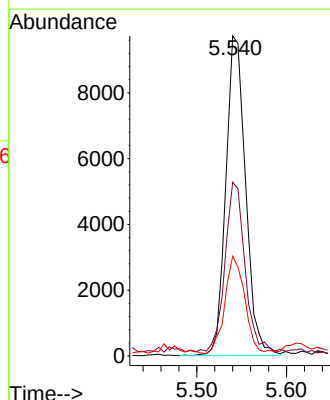
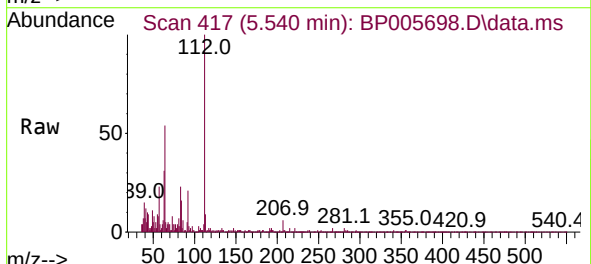
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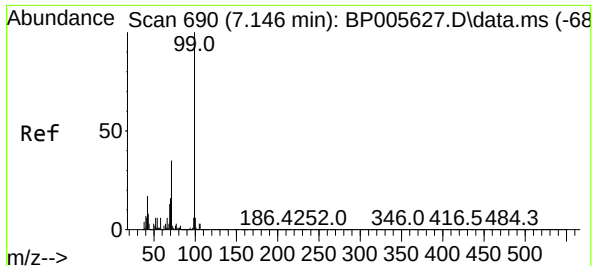
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#5
2-Fluorophenol
Concen: 1.18 ng
RT: 5.540 min Scan# 417
Delta R.T. -0.006 min
Lab File: BP005698.D
Acq: 03 Jun 2021 21:30

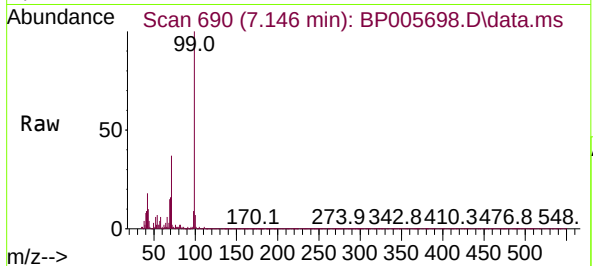
Tgt Ion:112 Resp: 14903
Ion Ratio Lower Upper
112 100
64 54.3 33.6 50.4#
63 31.1 18.6 27.8#





#7
Phenol-d6
Concen: 6.06 ng
RT: 7.146 min Scan# 690
Delta R.T. -0.000 min
Lab File: BP005698.D
Acq: 03 Jun 2021 21:30

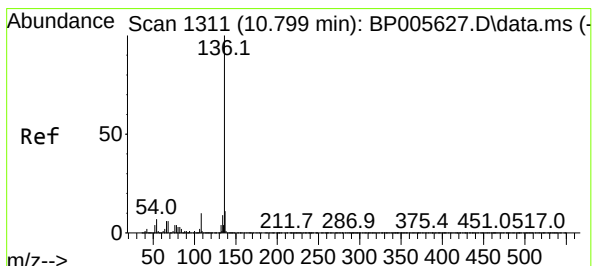
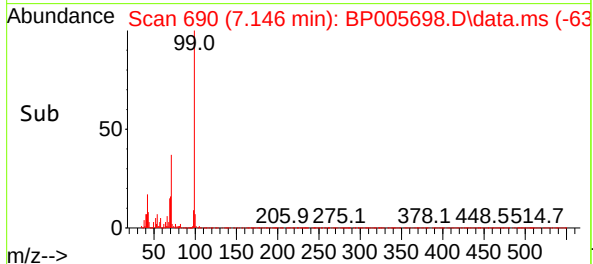
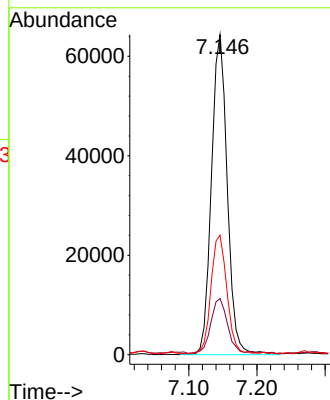
Instrument :
BNA_P
ClientSampleId :
18-B3(0-2)RE



Tgt Ion: 99 Resp: 103930
Ion Ratio Lower Upper
99 100
42 17.5 12.9 19.3
71 37.3 26.7 40.1

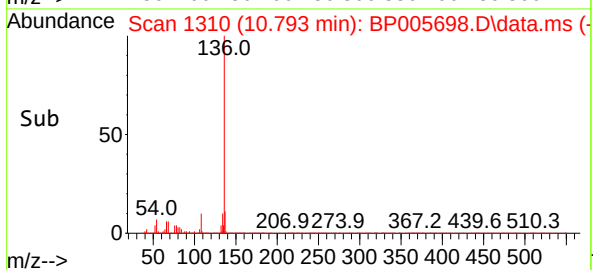
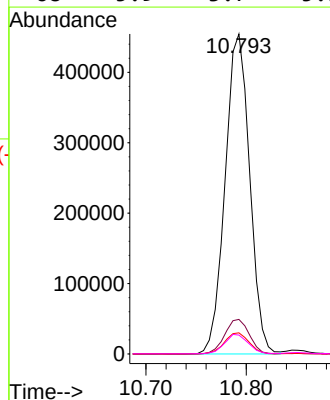
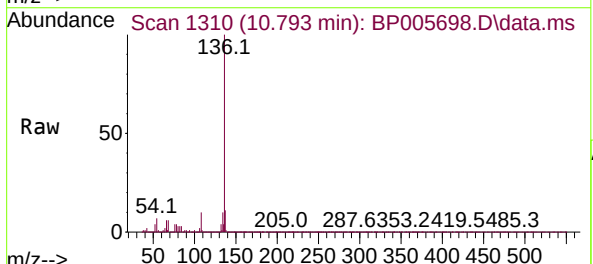
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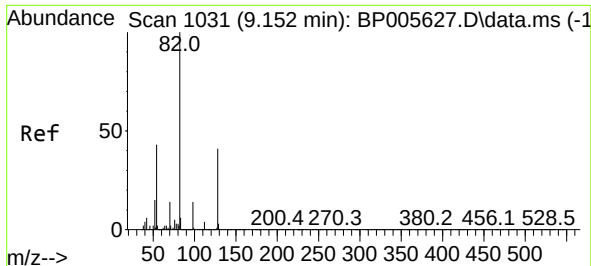
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.793 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP005698.D
Acq: 03 Jun 2021 21:30

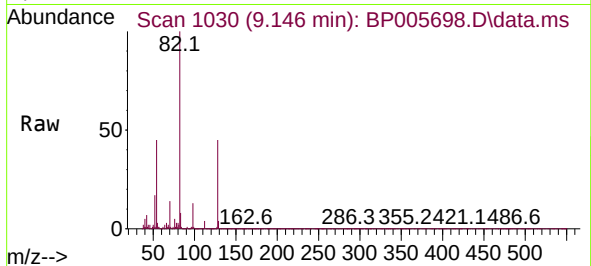
Tgt Ion: 136 Resp: 770676
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 6.6 5.0 7.4
68 5.9 3.7 5.5#





#23
Nitrobenzene-d5
Concen: 10.13 ng
RT: 9.146 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP005698.D
Acq: 03 Jun 2021 21:30

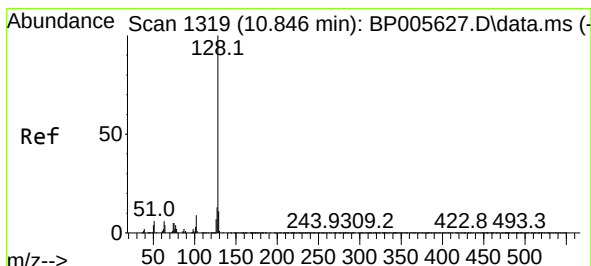
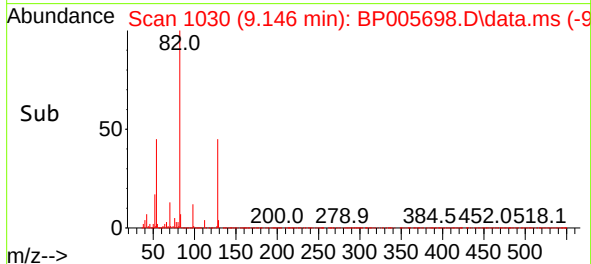
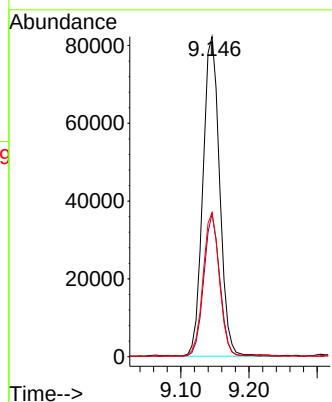
Instrument :
BNA_P
ClientSampleId :
18-B3(0-2)RE



Tgt Ion: 82 Resp: 140442
Ion Ratio Lower Upper
82 100
128 44.8 30.5 45.7
54 45.0 33.9 50.9

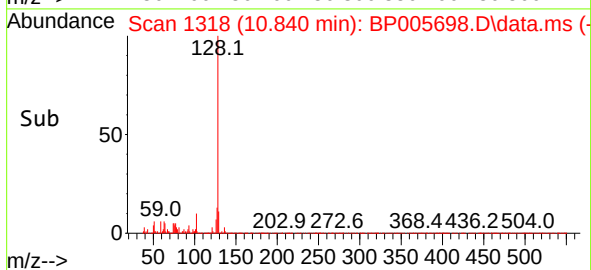
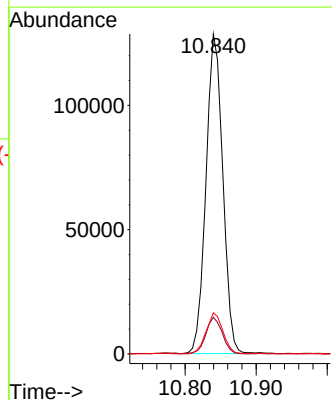
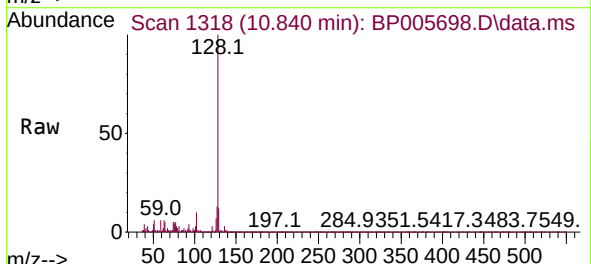
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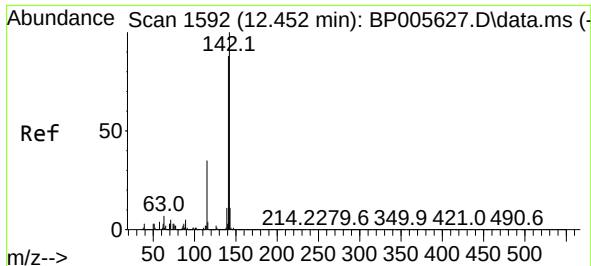
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#31
Naphthalene
Concen: 4.63 ng
RT: 10.840 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BP005698.D
Acq: 03 Jun 2021 21:30

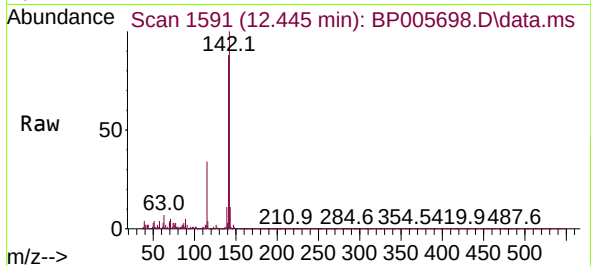
Tgt Ion: 128 Resp: 212294
Ion Ratio Lower Upper
128 100
129 11.5 8.0 12.0
127 12.9 11.1 16.7





#37
2-Methylnaphthalene
Concen: 2.90 ng
RT: 12.445 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BP005698.D
Acq: 03 Jun 2021 21:30

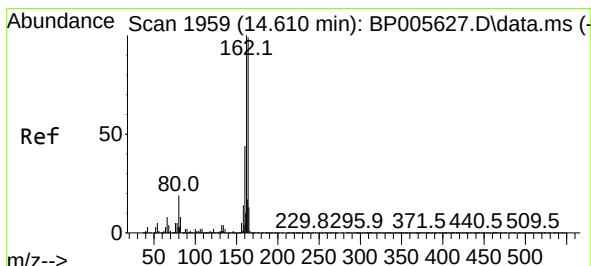
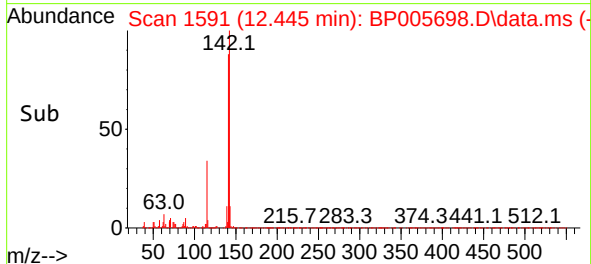
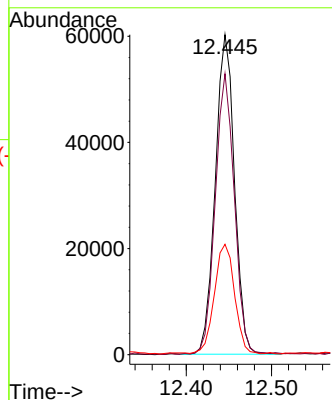
Instrument :
BNA_P
ClientSampleId :
18-B3(0-2)RE



Tgt Ion:142 Resp: 94245
Ion Ratio Lower Upper
142 100
141 87.8 74.7 112.1
115 34.5 43.8 65.8#

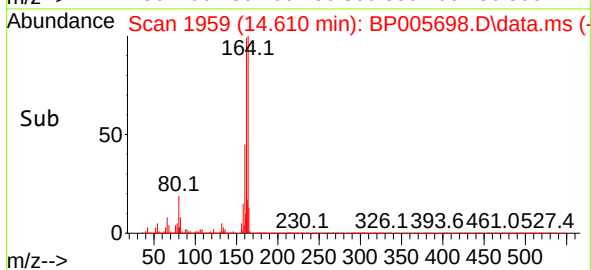
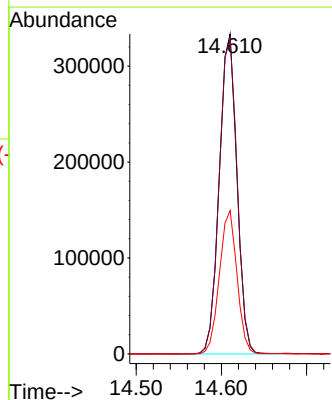
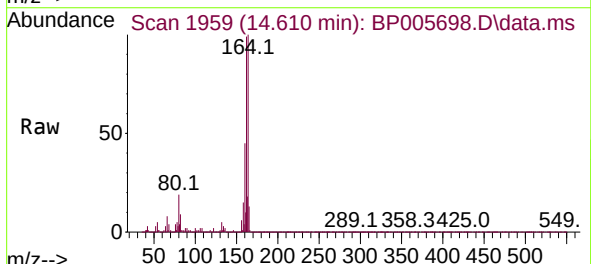
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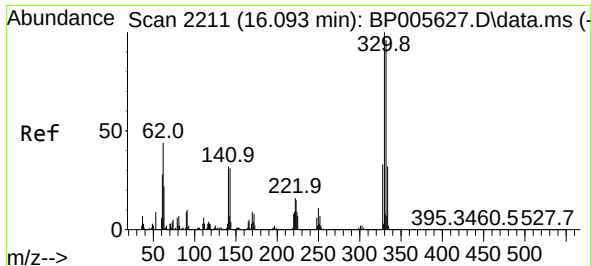
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.610 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BP005698.D
Acq: 03 Jun 2021 21:30

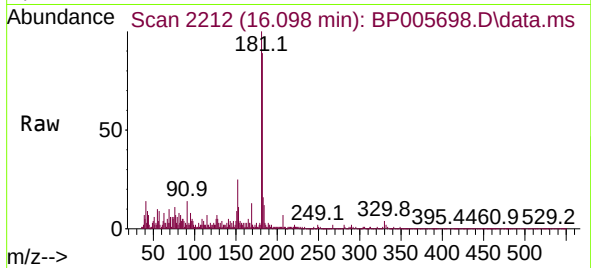
Tgt Ion:164 Resp: 480627
Ion Ratio Lower Upper
164 100
162 98.7 73.5 110.3
160 44.8 40.6 61.0





#42
2,4,6-Tribromophenol
Concen: 0.11 ng
RT: 16.098 min Scan# 2212
Delta R.T. 0.006 min
Lab File: BP005698.D
Acq: 03 Jun 2021 21:30

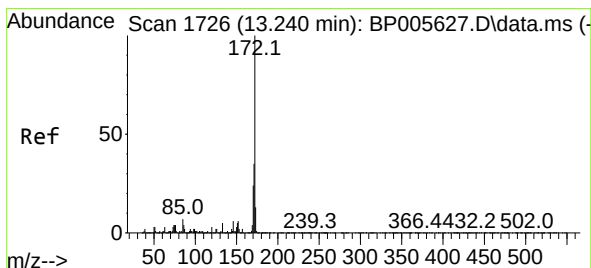
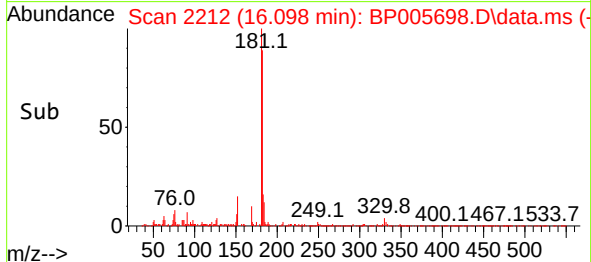
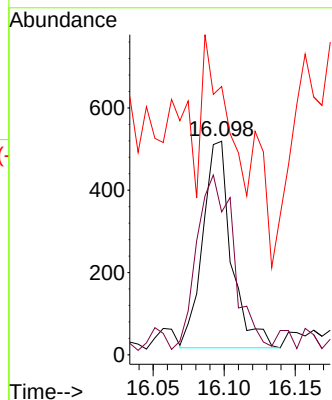
Instrument :
BNA_P
ClientSampleId :
18-B3(0-2)RE



Tgt Ion: 330 Resp: 706
Ion Ratio Lower Upper
330 100
332 108.1 76.3 114.5
141 80.9 22.8 34.2#

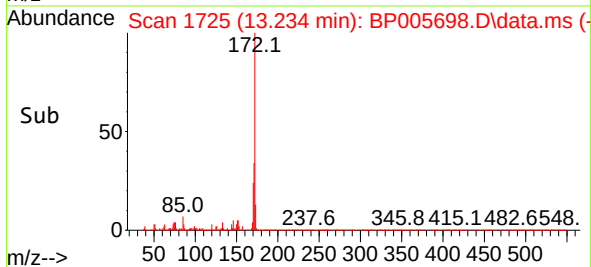
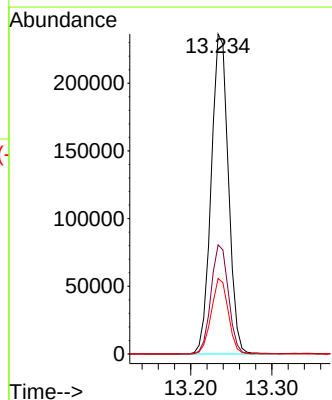
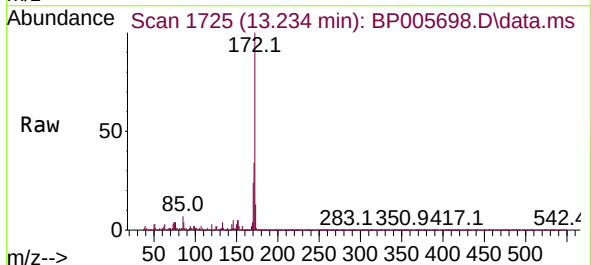
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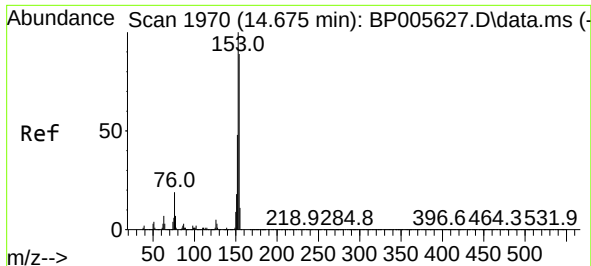
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#45
2-Fluorobiphenyl
Concen: 9.56 ng
RT: 13.234 min Scan# 1725
Delta R.T. -0.006 min
Lab File: BP005698.D
Acq: 03 Jun 2021 21:30

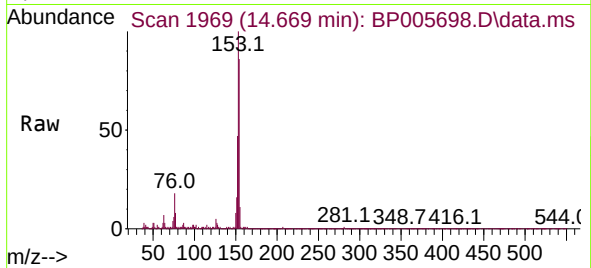
Tgt Ion: 172 Resp: 347013
Ion Ratio Lower Upper
172 100
171 34.1 28.1 42.1
170 23.6 19.6 29.4





#52
Acenaphthene
Concen: 3.02 ng
RT: 14.669 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BP005698.D
Acq: 03 Jun 2021 21:30

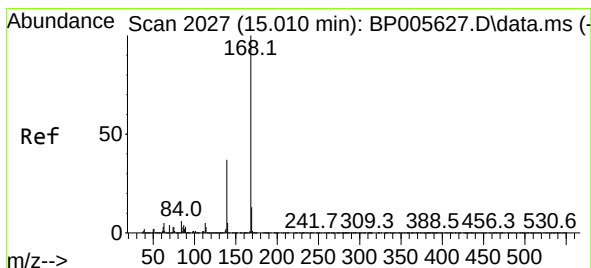
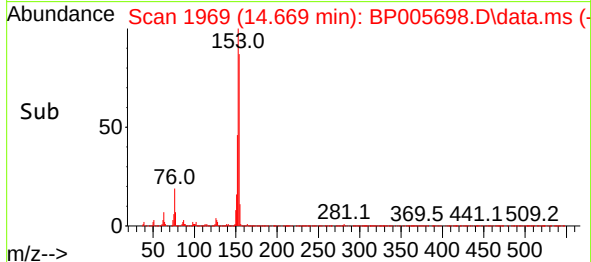
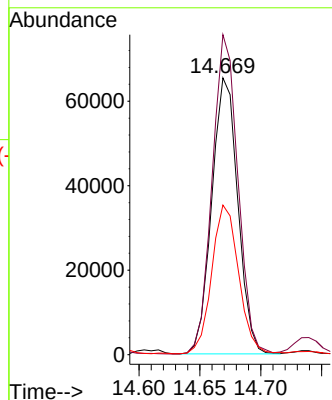
Instrument :
BNA_P
ClientSampleId :
18-B3(0-2)RE



Tgt Ion:154 Resp: 97208
Ion Ratio Lower Upper
154 100
153 115.6 90.9 136.3
152 54.1 48.5 72.7

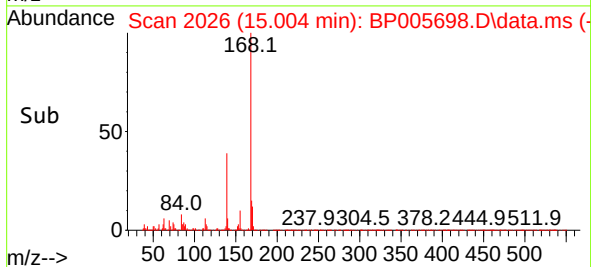
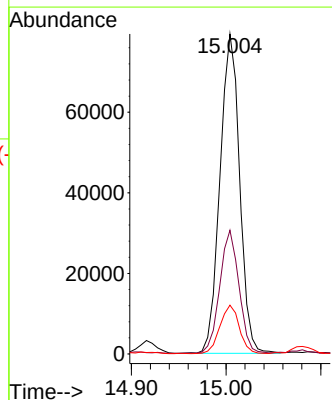
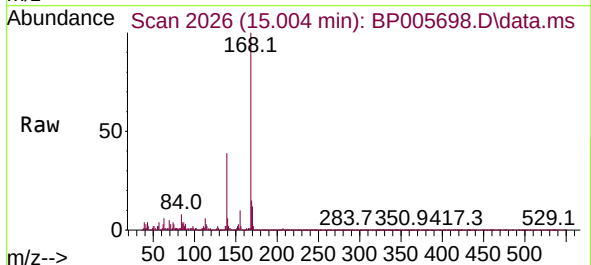
Manual Integrations
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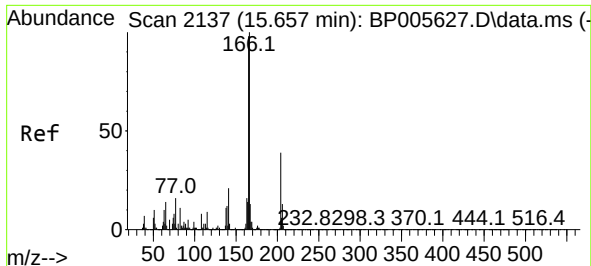
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#55
Dibenzofuran
Concen: 2.32 ng
RT: 15.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BP005698.D
Acq: 03 Jun 2021 21:30

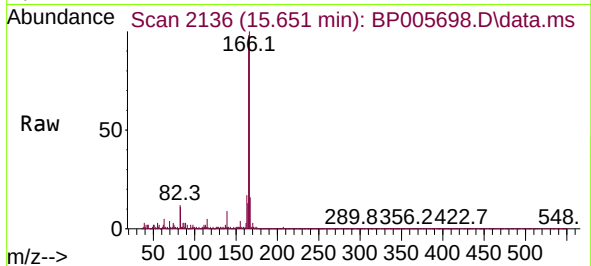
Tgt Ion:168 Resp: 114521
Ion Ratio Lower Upper
168 100
139 38.7 31.4 47.0
169 15.3 11.4 17.0





#58
Fluorene
Concen: 2.62 ng
RT: 15.651 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BP005698.D
Acq: 03 Jun 2021 21:30

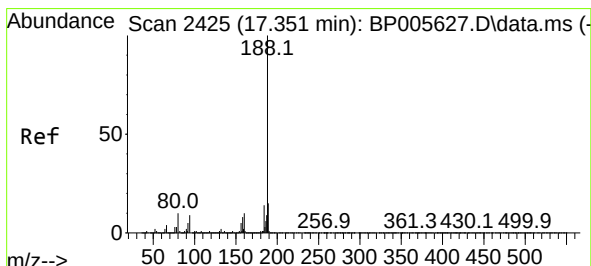
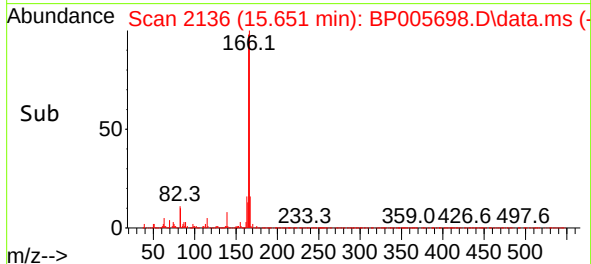
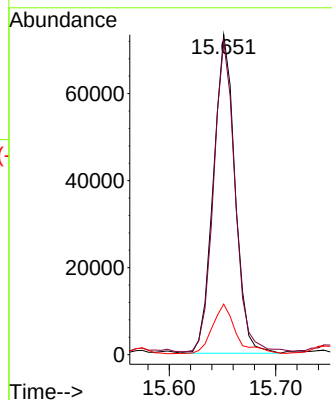
Instrument :
BNA_P
ClientSampleId :
18-B3(0-2)RE



Tgt Ion:166 Resp: 103311
Ion Ratio Lower Upper
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165 97.9 78.8 118.2
167 15.8 10.9 16.3

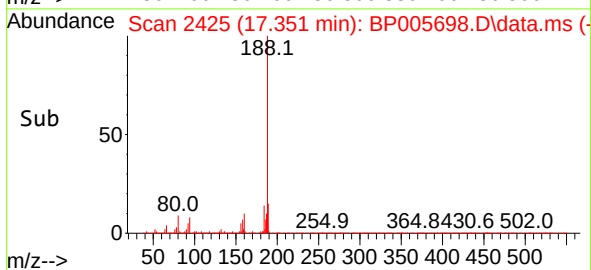
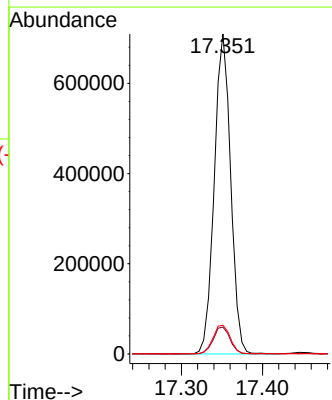
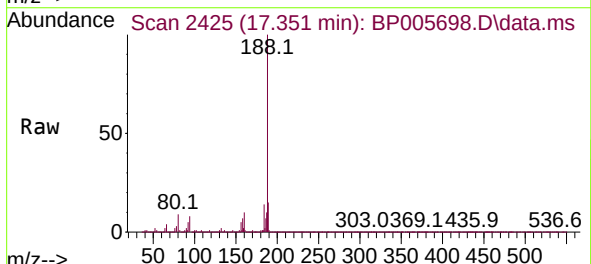
Manual Integrations
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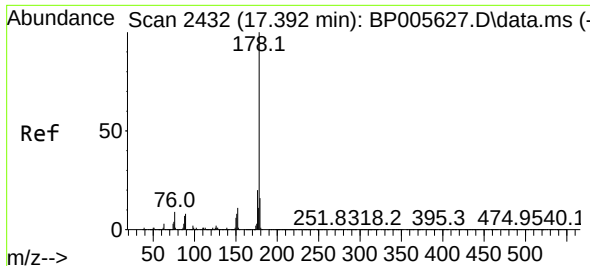
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP005698.D
Acq: 03 Jun 2021 21:30

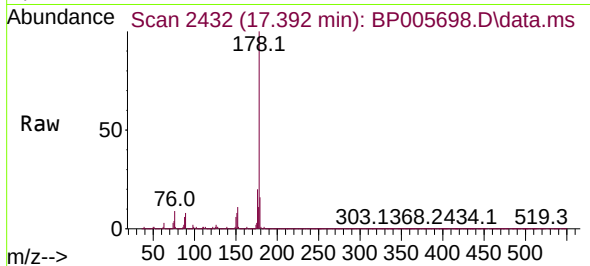
Tgt Ion:188 Resp: 992900
Ion Ratio Lower Upper
188 100
94 8.4 5.0 7.6#
80 9.0 5.9 8.9#





#71
Phenanthrene
Concen: 20.35 ng
RT: 17.392 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BP005698.D
Acq: 03 Jun 2021 21:30

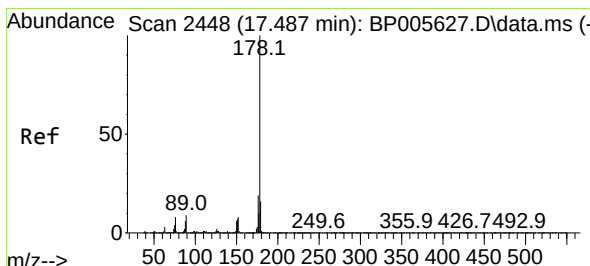
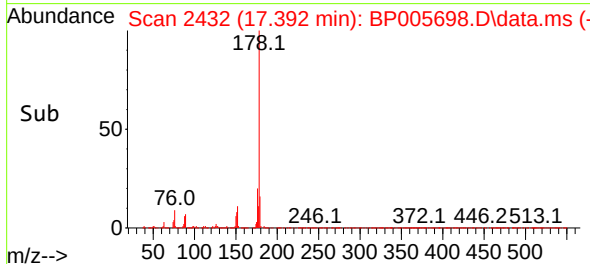
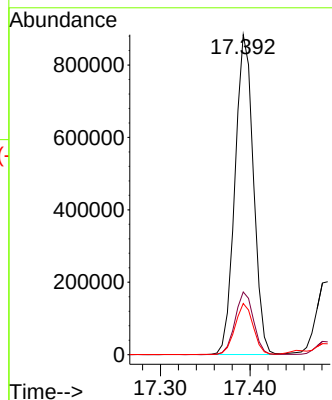
Instrument :
BNA_P
ClientSampled :
18-B3(0-2)RE



Tgt Ion:178 Resp: 1258704
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 16.0 12.3 18.5

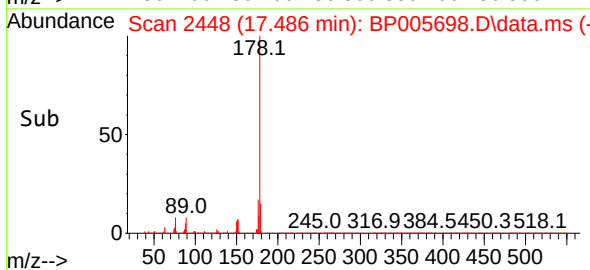
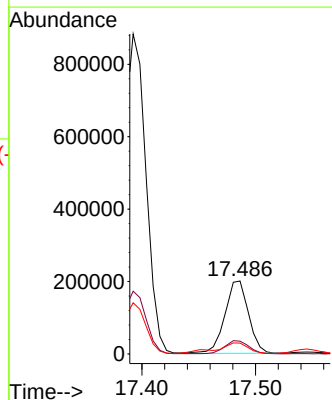
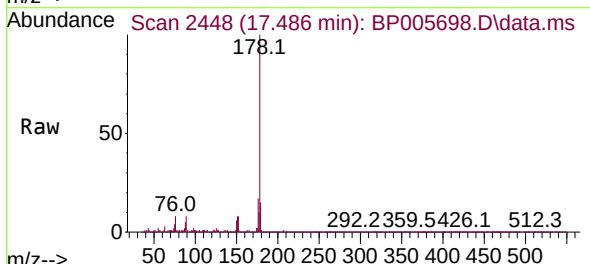
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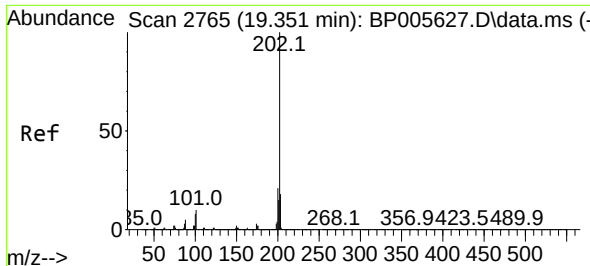
mohammad
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#72
Anthracene
Concen: 4.73 ng
RT: 17.486 min Scan# 2448
Delta R.T. -0.000 min
Lab File: BP005698.D
Acq: 03 Jun 2021 21:30

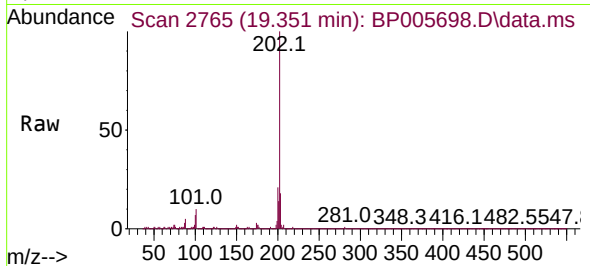
Tgt Ion:178 Resp: 288603
Ion Ratio Lower Upper
178 100
176 17.5 15.2 22.8
179 15.0 12.6 19.0





#75
Fluoranthene
Concen: 14.49 ng
RT: 19.351 min Scan# 2765
Delta R.T. -0.000 min
Lab File: BP005698.D
Acq: 03 Jun 2021 21:30

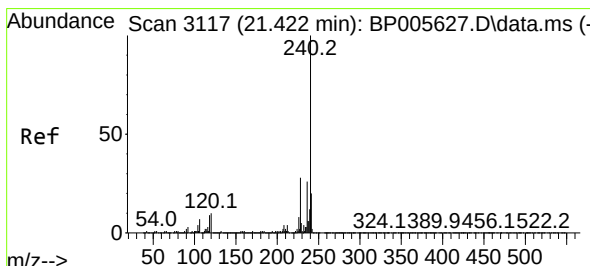
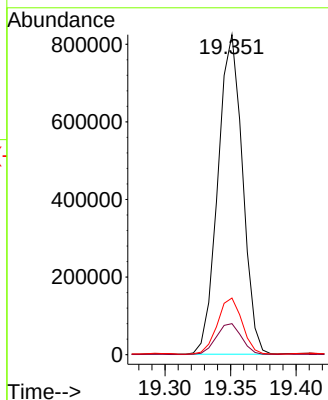
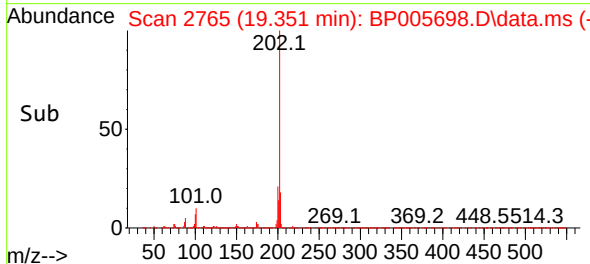
Instrument :
BNA_P
ClientSampleId :
18-B3(0-2)RE



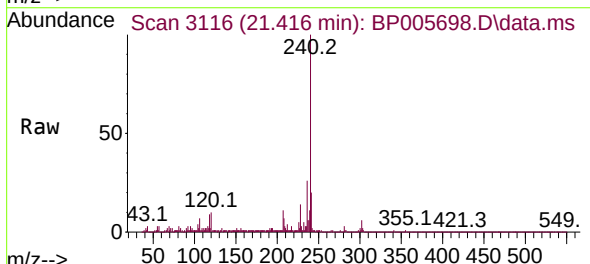
Tgt Ion:202 Resp: 1075868
Ion Ratio Lower Upper
202 100
101 9.7 0.0 26.1
203 17.7 0.0 37.2

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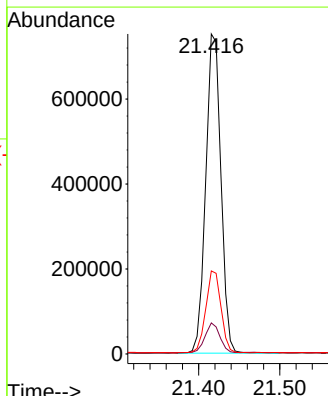
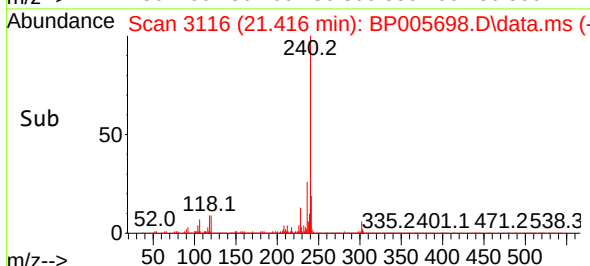
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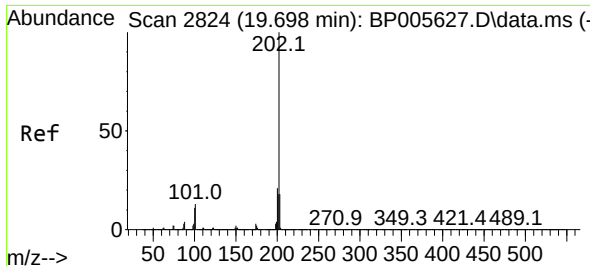


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.416 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP005698.D
Acq: 03 Jun 2021 21:30



Tgt Ion:240 Resp: 972581
Ion Ratio Lower Upper
240 100
120 9.7 4.2 6.2#
236 26.0 20.2 30.2





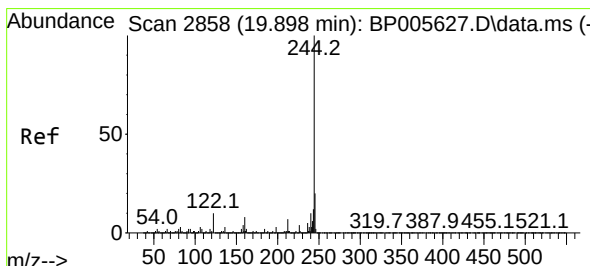
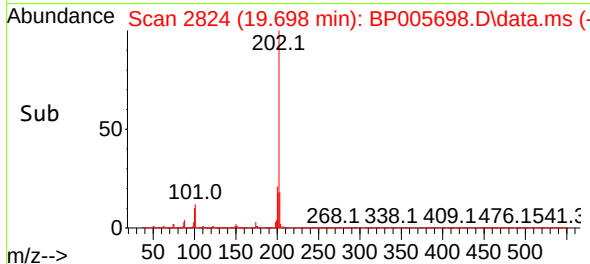
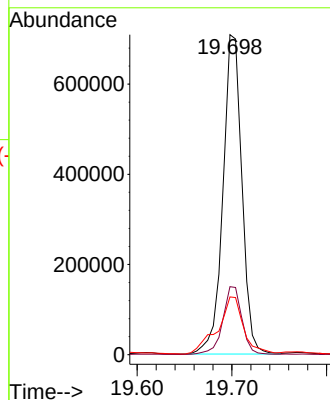
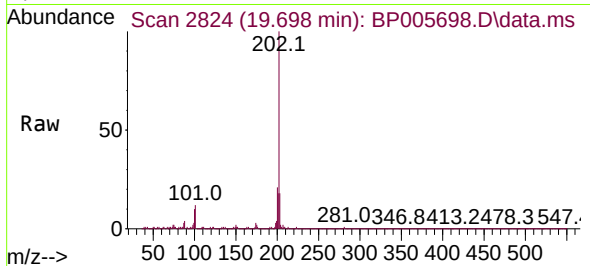
#78
Pyrene
Concen: 14.38 ng
RT: 19.698 min Scan# 2824
Delta R.T. -0.000 min
Lab File: BP005698.D
Acq: 03 Jun 2021 21:30

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	18.1	13.8	20.6

Instrument :
BNA_P
ClientSampleId :
18-B3(0-2)RE

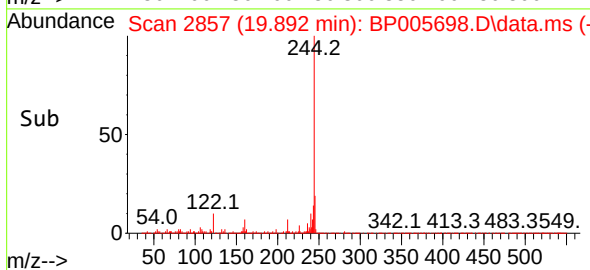
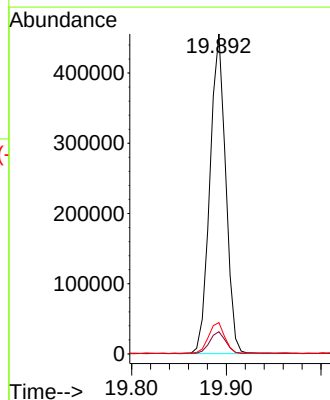
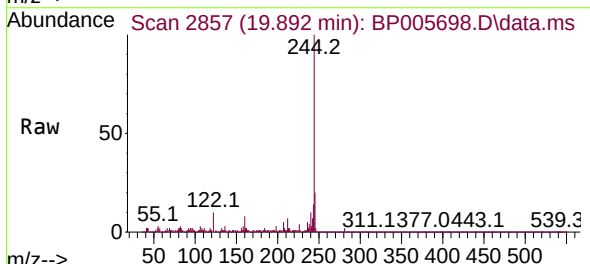
Manual Integrations
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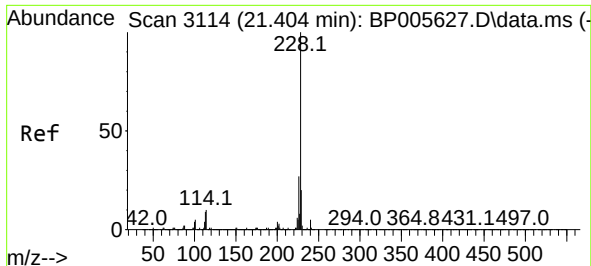
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#79
Terphenyl-d14
Concen: 10.17 ng
RT: 19.892 min Scan# 2857
Delta R.T. -0.006 min
Lab File: BP005698.D
Acq: 03 Jun 2021 21:30

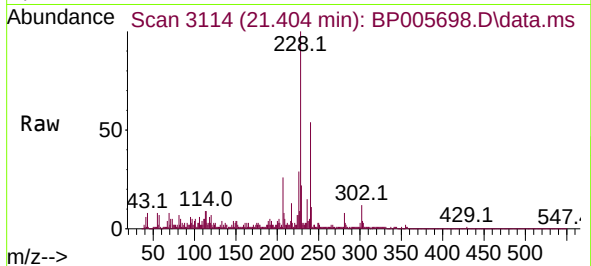
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	9.8	5.2	7.8





#81
Benzo(a)anthracene
Concen: 6.04 ng
RT: 21.404 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BP005698.D
Acq: 03 Jun 2021 21:30

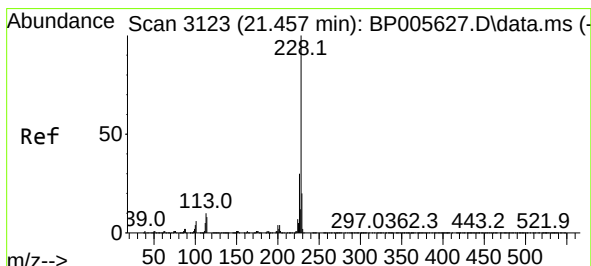
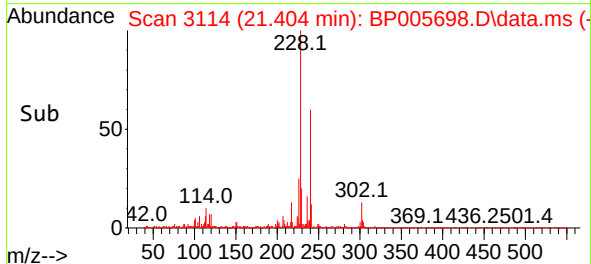
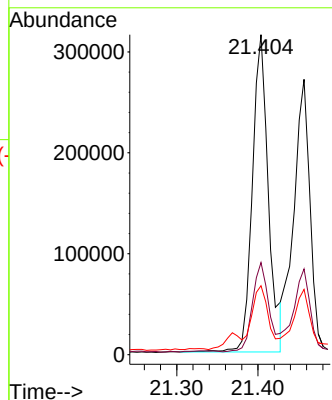
Instrument :
BNA_P
ClientSampled :
18-B3(0-2)RE



Tgt Ion:228 Resp: 430811
Ion Ratio Lower Upper
228 100
226 28.8 21.2 31.8
229 21.6 15.6 23.4

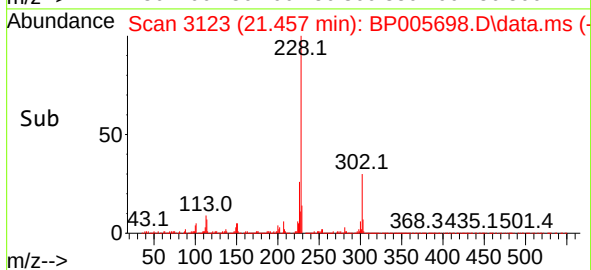
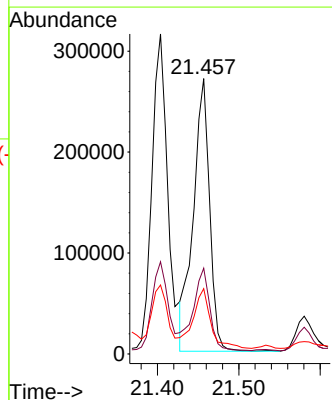
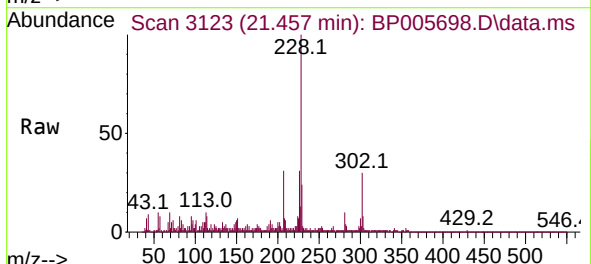
Manual Integrations
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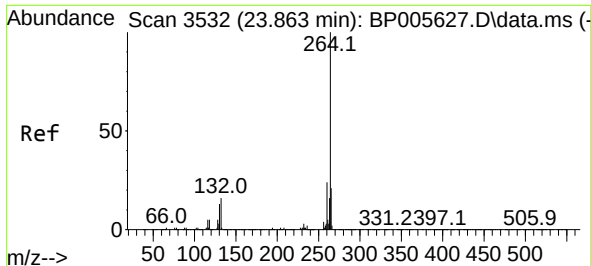
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#83
Chrysene
Concen: 5.47 ng m
RT: 21.457 min Scan# 3123
Delta R.T. -0.000 min
Lab File: BP005698.D
Acq: 03 Jun 2021 21:30

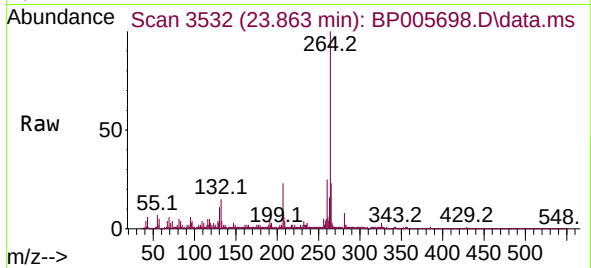
Tgt Ion:228 Resp: 378346
Ion Ratio Lower Upper
228 100
226 31.1 24.8 37.2
229 23.7 15.4 23.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.863 min Scan# 3532
Delta R.T. -0.000 min
Lab File: BP005698.D
Acq: 03 Jun 2021 21:30

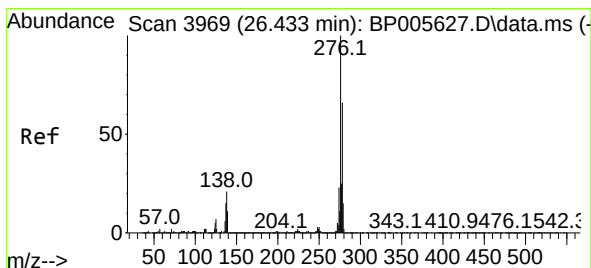
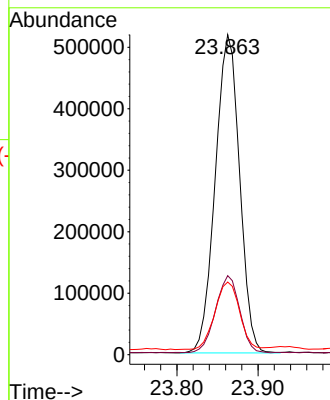
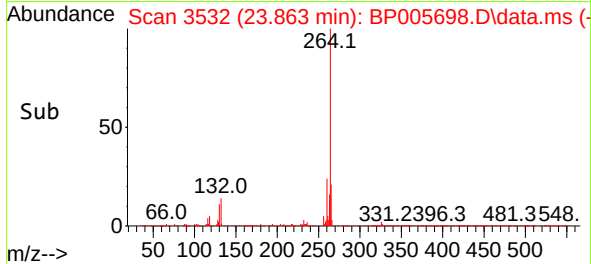
Instrument :
BNA_P
ClientSampleId :
18-B3(0-2)RE



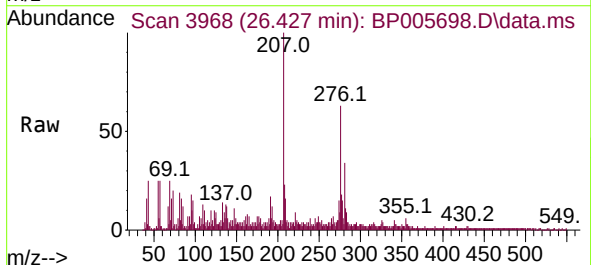
Tgt Ion:264 Resp: 1078915
Ion Ratio Lower Upper
264 100
260 24.7 20.6 30.8
265 22.7 19.0 28.6

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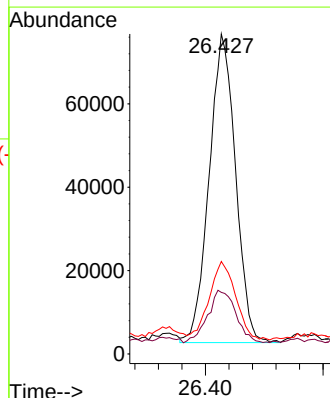
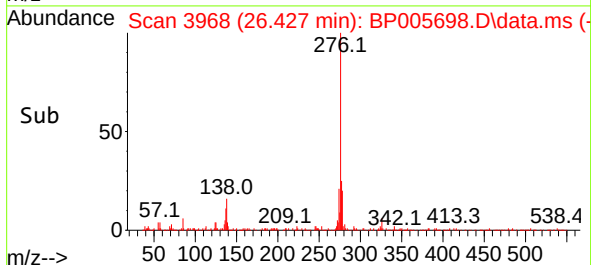
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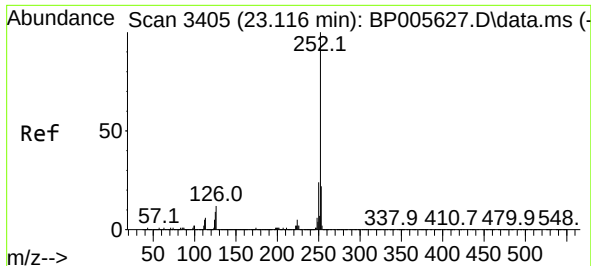


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.51 ng
RT: 26.427 min Scan# 3968
Delta R.T. -0.006 min
Lab File: BP005698.D
Acq: 03 Jun 2021 21:30



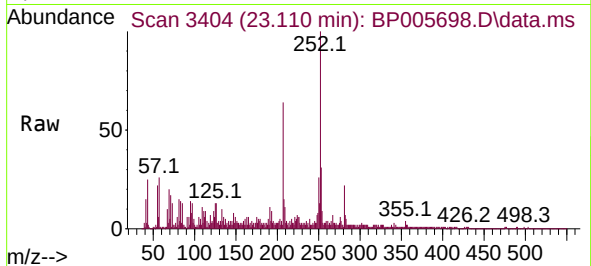
Tgt Ion:276 Resp: 230598
Ion Ratio Lower Upper
276 100
138 18.0 8.4 12.6#
277 25.5 20.6 31.0





#88
Benzo(b)fluoranthene
Concen: 5.73 ng
RT: 23.110 min Scan# 3404
Delta R.T. -0.006 min
Lab File: BP005698.D
Acq: 03 Jun 2021 21:30

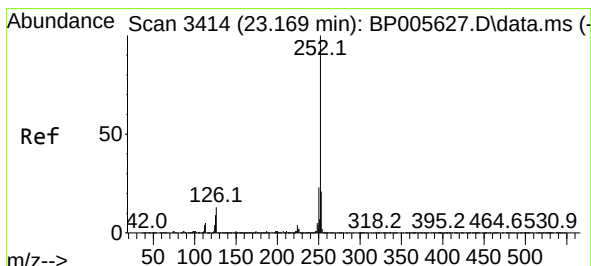
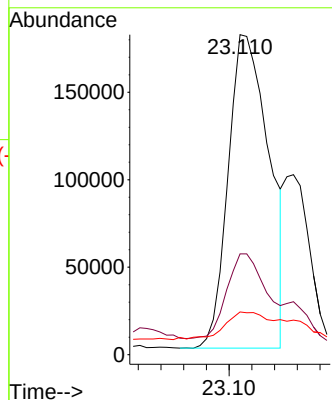
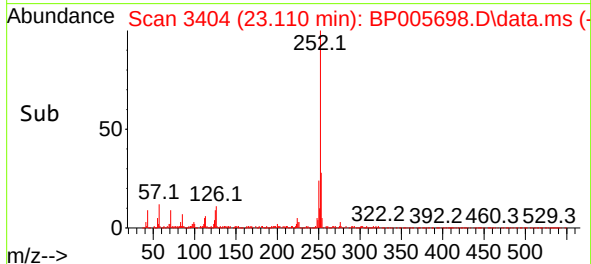
Instrument :
BNA_P
ClientSampleId :
18-B3(0-2)RE



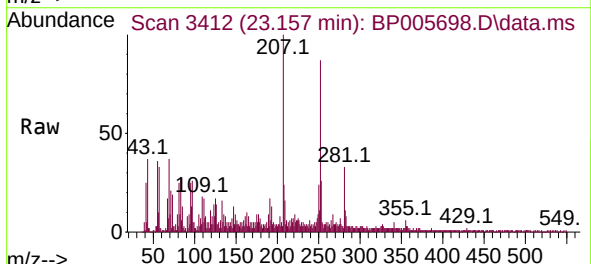
Tgt Ion:252 Resp: 448511
Ion Ratio Lower Upper
252 100
253 31.5 18.2 27.2#
125 13.4 3.4 5.0#

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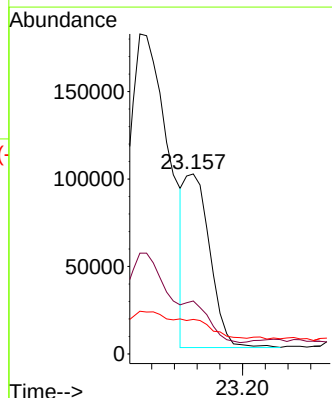
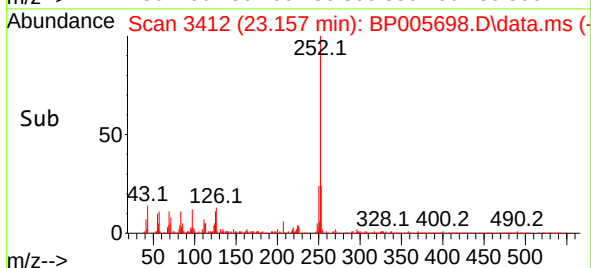
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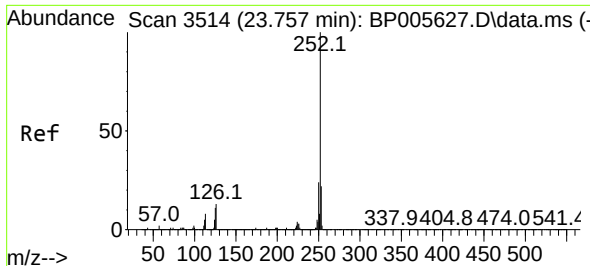


#89
Benzo(k)fluoranthene
Concen: 2.07 ng m
RT: 23.157 min Scan# 3412
Delta R.T. -0.012 min
Lab File: BP005698.D
Acq: 03 Jun 2021 21:30



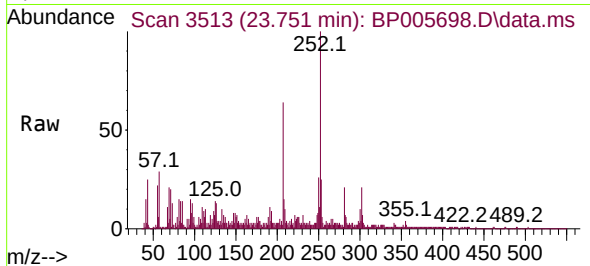
Tgt Ion:252 Resp: 153829
Ion Ratio Lower Upper
252 100
253 29.4 17.2 25.8#
125 19.2 3.8 5.6#





#90
Benzo(a)pyrene
Concen: 5.06 ng
RT: 23.751 min Scan# 3513
Delta R.T. -0.006 min
Lab File: BP005698.D
Acq: 03 Jun 2021 21:30

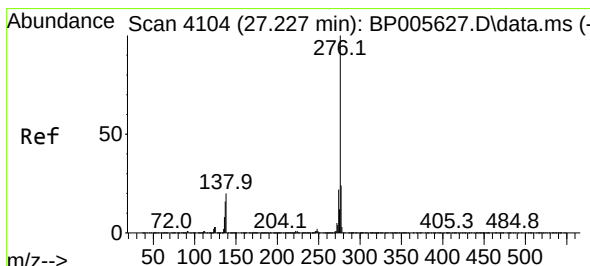
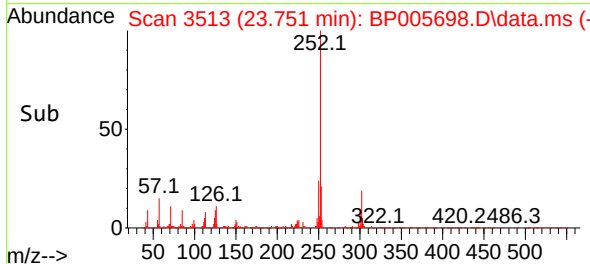
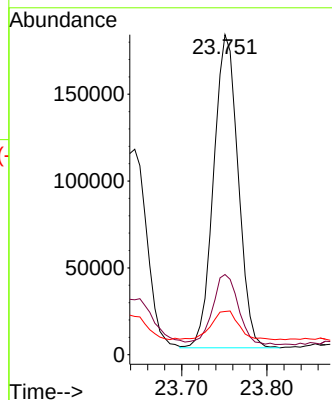
Instrument :
BNA_P
ClientSampled :
18-B3(0-2)RE



Tgt Ion:252 Resp: 360332
Ion Ratio Lower Upper
252 100
253 25.0 17.1 25.7
125 13.5 3.8 5.6#

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#92
Benzo(g,h,i)perylene
Concen: 3.05 ng
RT: 27.221 min Scan# 4103
Delta R.T. -0.006 min
Lab File: BP005698.D
Acq: 03 Jun 2021 21:30

Tgt Ion:276 Resp: 234380
Ion Ratio Lower Upper
276 100
277 28.7 19.8 29.8
138 20.2 7.7 11.5#

