

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
 Data File : BP005724.D
 Acq On : 04 Jun 2021 22:16
 Operator : CG/JU
 Sample : M2589-14 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B11(0-2)

Manual Integrations
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Quant Time: Jun 05 02:33:25 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	173746	20.000	ng	0.00
21) Naphthalene-d8	10.793	136	680405	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	421815	20.000	ng	0.00
64) Phenanthrene-d10	17.357	188	859887	20.000	ng	# 0.00
76) Chrysene-d12	21.422	240	873165	20.000	ng	# 0.00
86) Perylene-d12	23.869	264	994592	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	456448	40.844	ng	0.00
7) Phenol-d6	7.152	99	574383	37.702	ng	0.00
23) Nitrobenzene-d5	9.146	82	369785	30.225	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	240026	44.376	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	879419	27.591	ng	0.00
79) Terphenyl-d14	19.892	244	1295620	27.843	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.398	178	497369	9.284	ng	100
72) Anthracene	17.487	178	129517	2.449	ng	99
75) Fluoranthene	19.351	202	755278	11.745	ng	96
78) Pyrene	19.704	202	697226	11.316	ng	99
81) Benzo(a)anthracene	21.404	228	379214	5.918	ng	96
83) Chrysene	21.457	228	337545m	5.440	ng	
84) Bis(2-ethylhexyl)phtha...	21.316	149	130593	3.752	ng	99
87) Indeno(1,2,3-cd)pyrene	26.439	276	257582	3.044	ng	# 93
88) Benzo(b)fluoranthene	23.116	252	483789	6.704	ng	# 89
89) Benzo(k)fluoranthene	23.163	252	141415m	2.068	ng	
90) Benzo(a)pyrene	23.757	252	355443	5.414	ng	# 86
92) Benzo(g,h,i)perylene	27.233	276	258154	3.645	ng	# 89

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

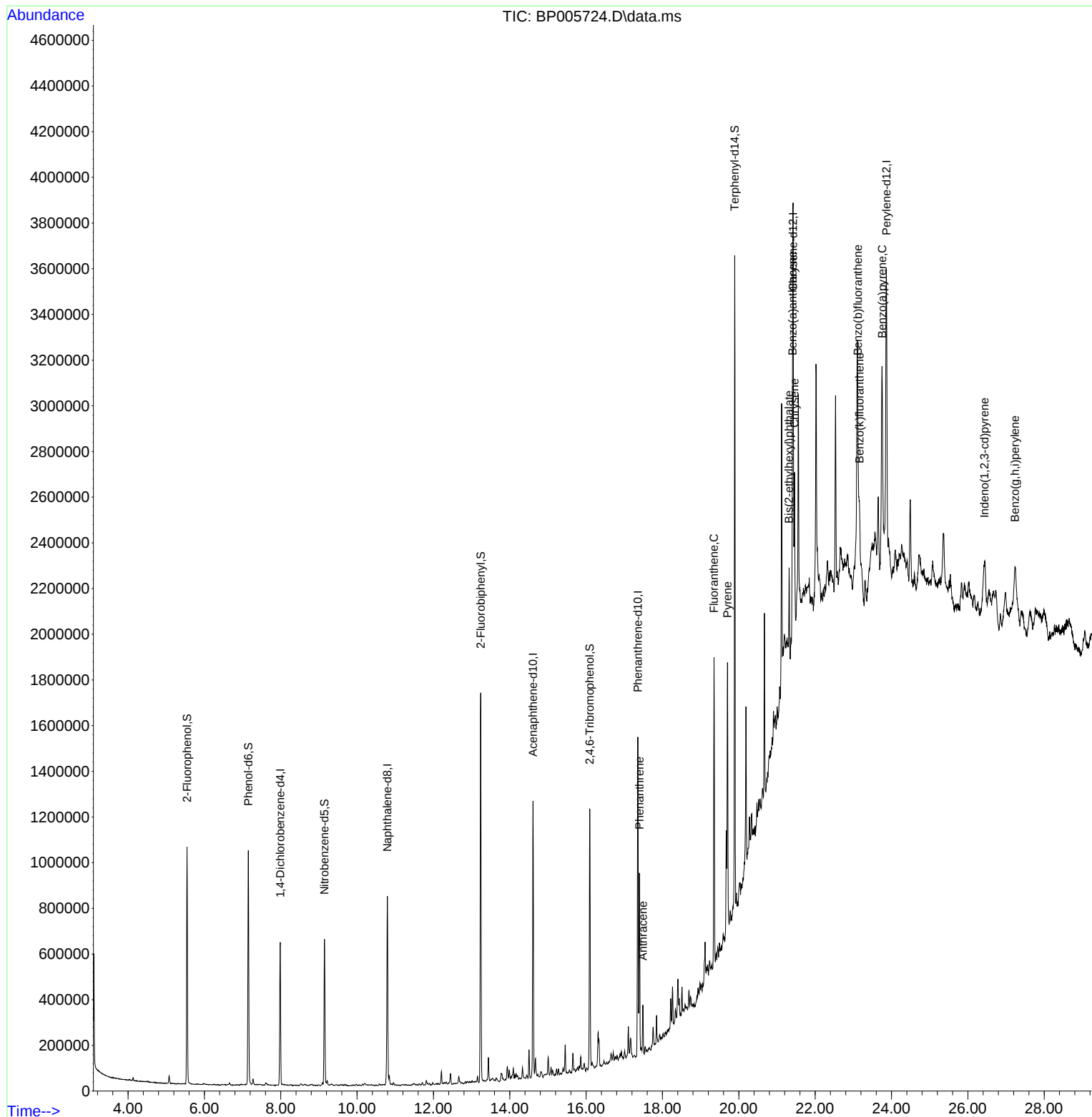
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Data File : BP005724.D
Acq On : 04 Jun 2021 22:16
Operator : CG/JU
Sample : M2589-14 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

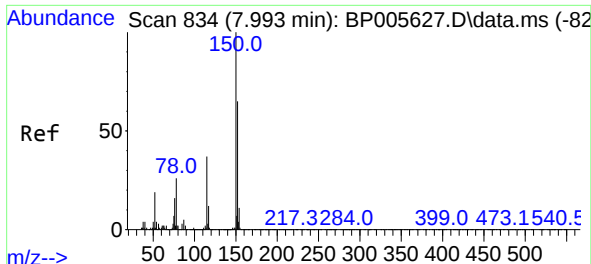
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
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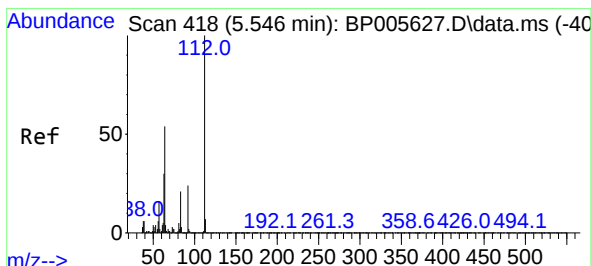
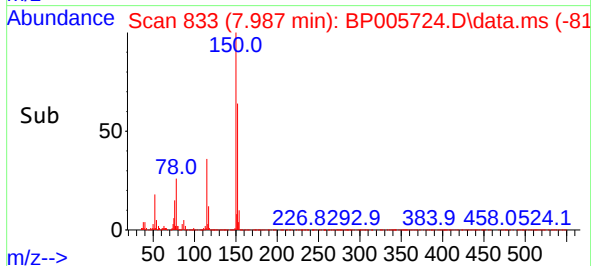
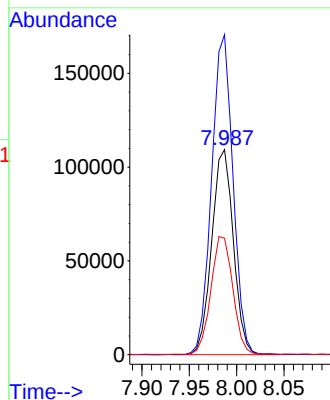
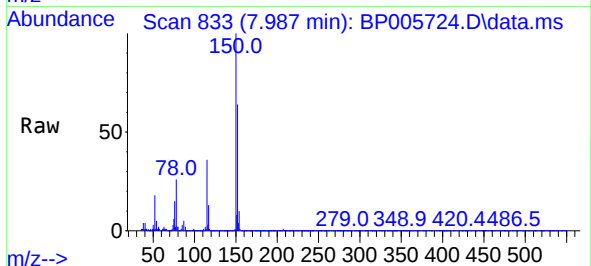
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BP005724.D
Acq: 04 Jun 2021 22:16

Tgt Ion:152 Resp: 173746
Ion Ratio Lower Upper
152 100
150 156.1 119.8 179.8
115 56.8 49.0 73.4

Instrument :
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18-B11(0-2)

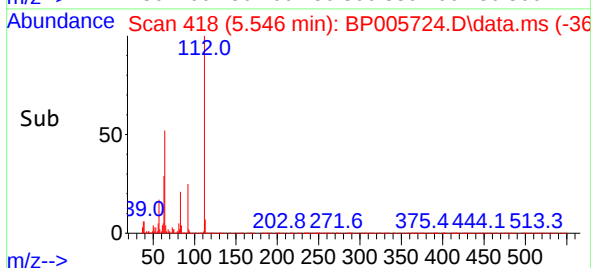
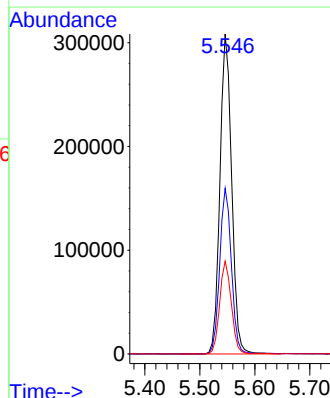
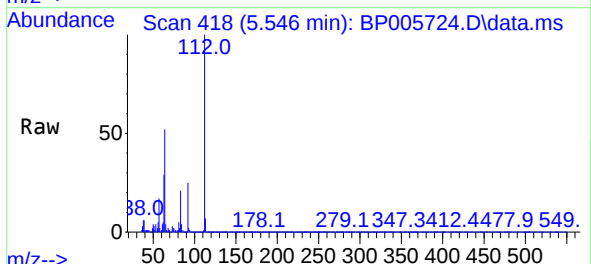
Manual Integrations
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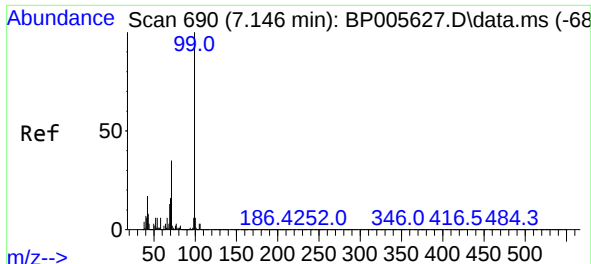
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#5
2-Fluorophenol
Concen: 40.844 ng
RT: 5.546 min Scan# 418
Delta R.T. 0.000 min
Lab File: BP005724.D
Acq: 04 Jun 2021 22:16

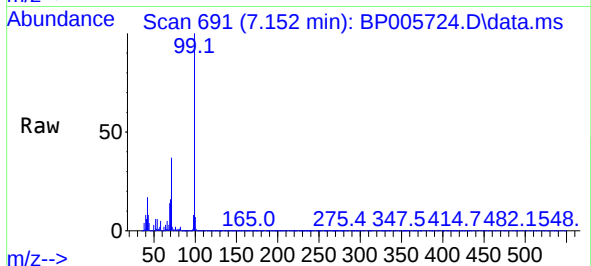
Tgt Ion:112 Resp: 456448
Ion Ratio Lower Upper
112 100
64 51.8 33.6 50.4#
63 29.0 18.6 27.8#





#7
Phenol-d6
Concen: 37.702 ng
RT: 7.152 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP005724.D
Acq: 04 Jun 2021 22:16

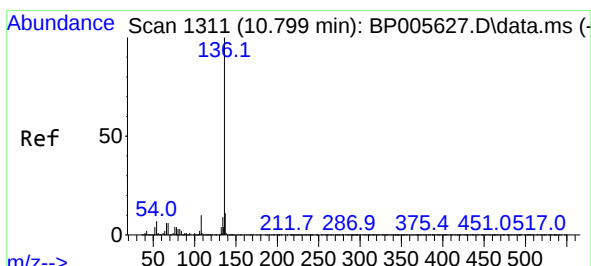
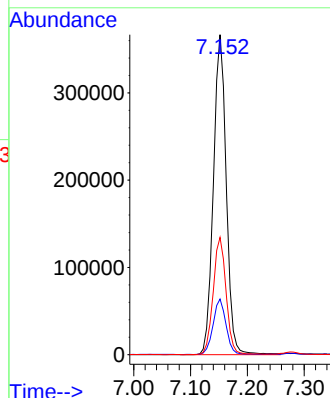
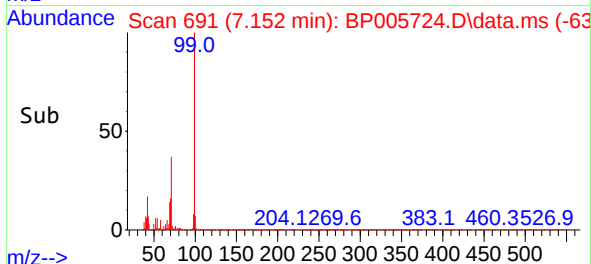
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BNA_P
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18-B11(0-2)



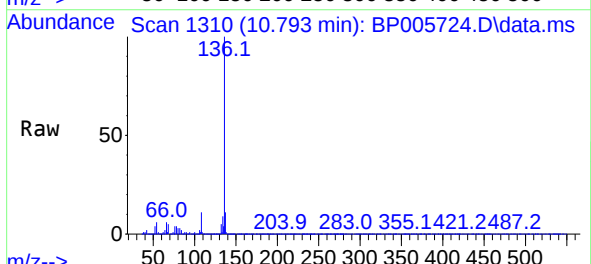
Tgt Ion: 99 Resp: 574383
Ion Ratio Lower Upper
99 100
42 17.4 12.9 19.3
71 36.6 26.7 40.1

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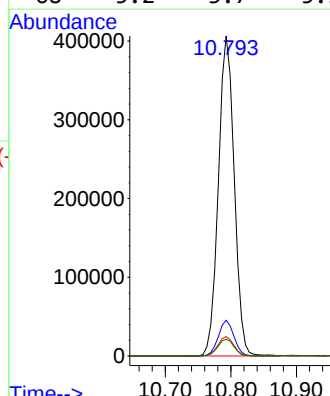
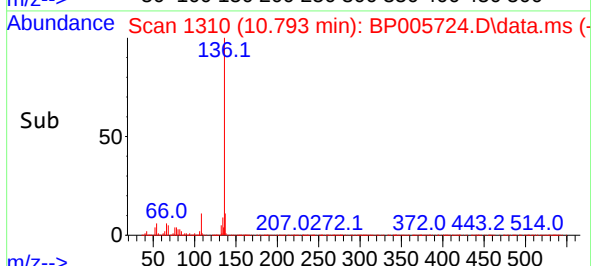
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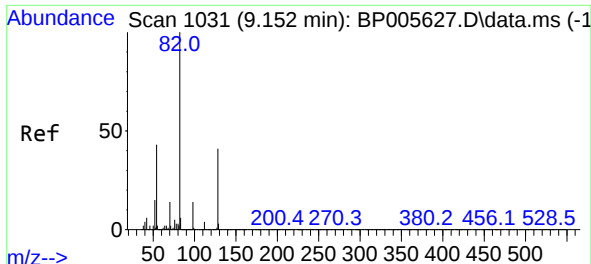


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.793 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP005724.D
Acq: 04 Jun 2021 22:16



Tgt Ion: 136 Resp: 680405
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 6.1 5.0 7.4
68 5.2 3.7 5.5





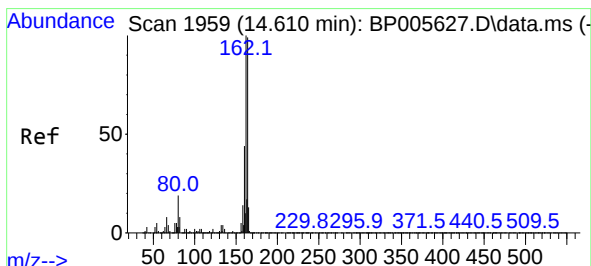
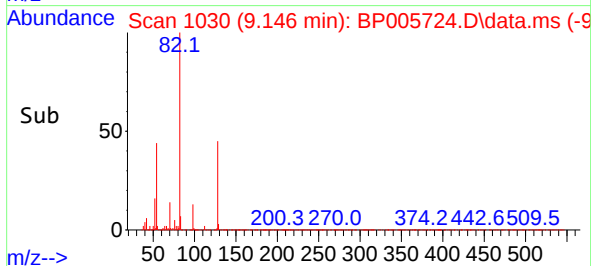
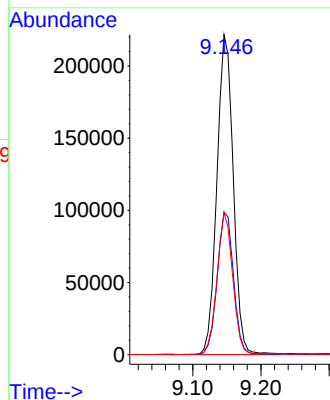
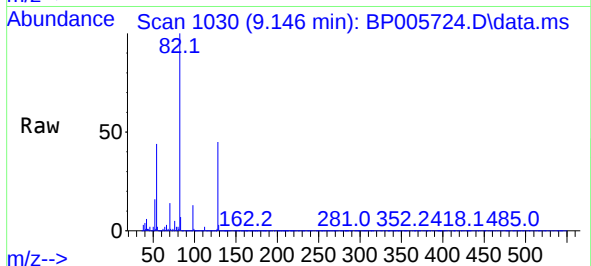
#23
Nitrobenzene-d5
Concen: 30.225 ng
RT: 9.146 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP005724.D
Acq: 04 Jun 2021 22:16

Tgt Ion: 82 Resp: 369785
Ion Ratio Lower Upper
82 100
128 44.5 30.5 45.7
54 44.4 33.9 50.9

Instrument :
BNA_P
ClientSampleId :
18-B11(0-2)

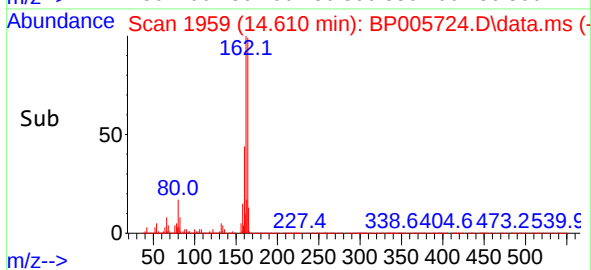
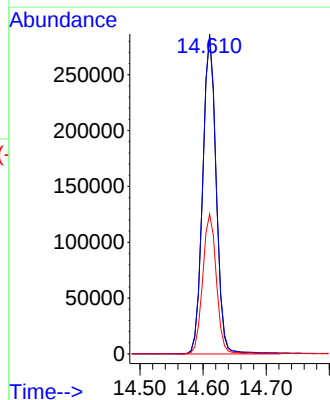
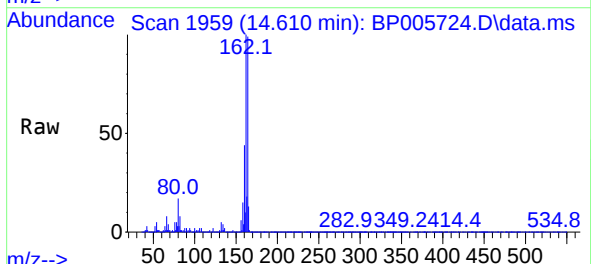
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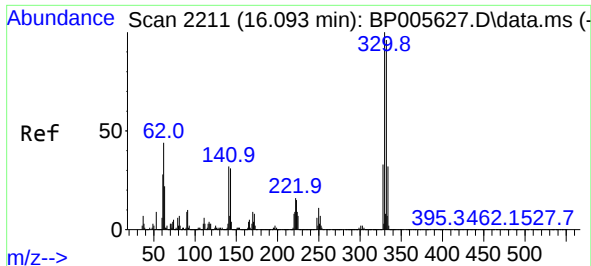
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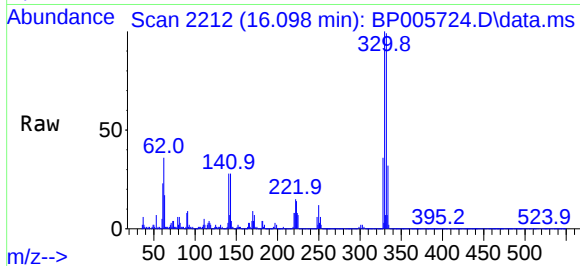
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BP005724.D
Acq: 04 Jun 2021 22:16

Tgt Ion: 164 Resp: 421815
Ion Ratio Lower Upper
164 100
162 100.8 73.5 110.3
160 44.0 40.6 61.0





#42
2,4,6-Tribromophenol
Concen: 44.376 ng
RT: 16.098 min Scan# 2212
Delta R.T. 0.006 min
Lab File: BP005724.D
Acq: 04 Jun 2021 22:16

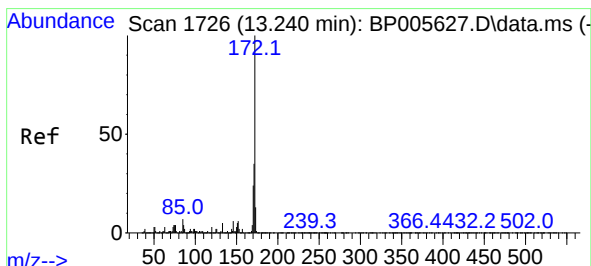
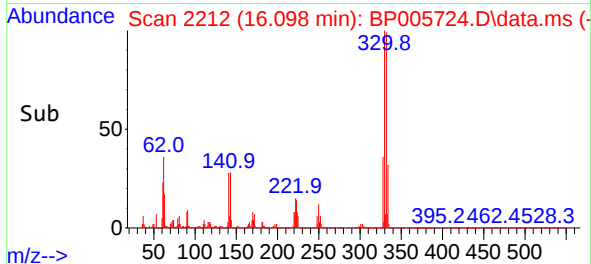
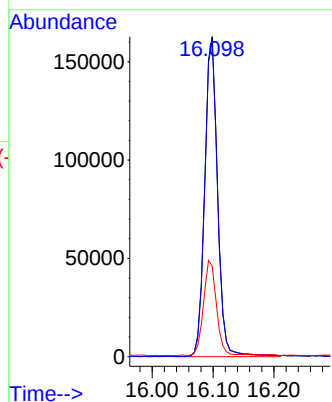


Tgt Ion: 330 Resp: 240026
Ion Ratio Lower Upper
330 100
332 98.2 76.3 114.5
141 30.2 22.8 34.2

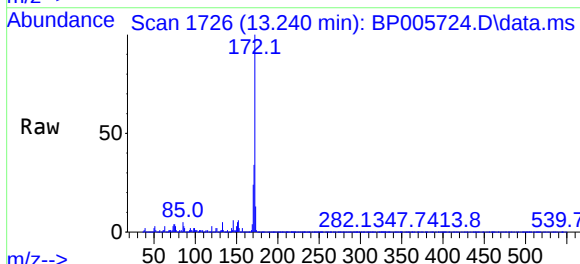
Instrument :
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ClientSampleId :
18-B11(0-2)

Manual Integrations
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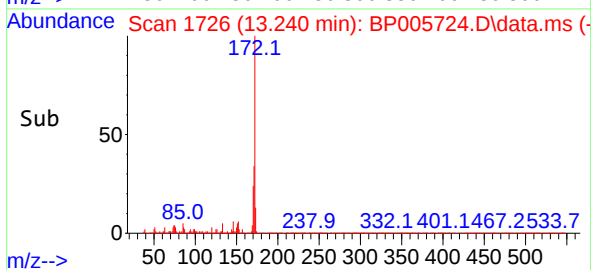
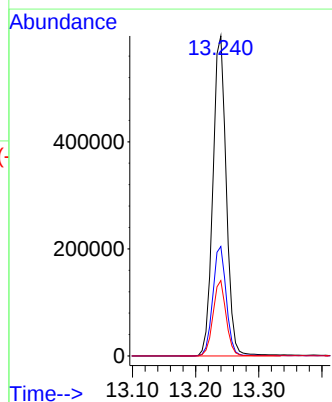
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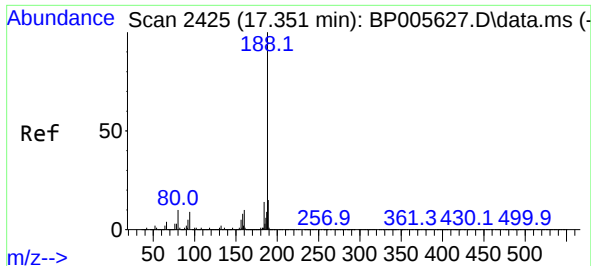


#45
2-Fluorobiphenyl
Concen: 27.591 ng
RT: 13.240 min Scan# 1726
Delta R.T. 0.000 min
Lab File: BP005724.D
Acq: 04 Jun 2021 22:16



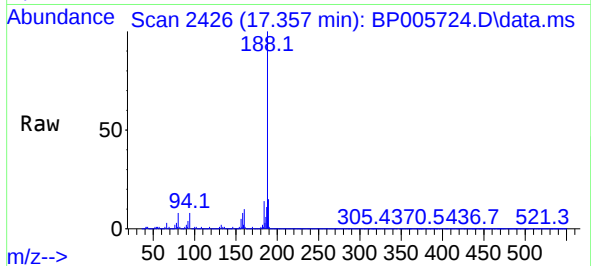
Tgt Ion: 172 Resp: 879419
Ion Ratio Lower Upper
172 100
171 34.2 28.1 42.1
170 23.6 19.6 29.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.357 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP005724.D
Acq: 04 Jun 2021 22:16

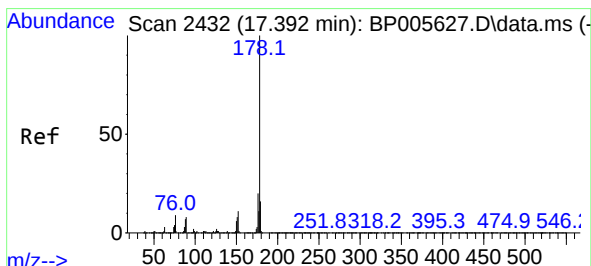
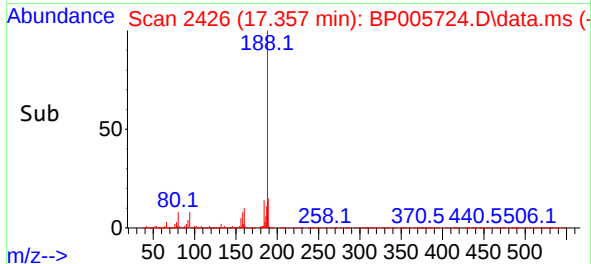
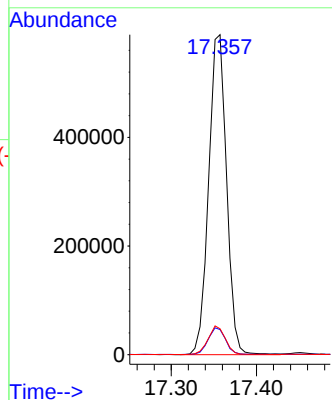
Instrument :
BNA_P
ClientSampleId :
18-B11(0-2)



Tgt Ion:188 Resp: 859887
Ion Ratio Lower Upper
188 100
94 7.9 5.0 7.6#
80 8.1 5.9 8.9

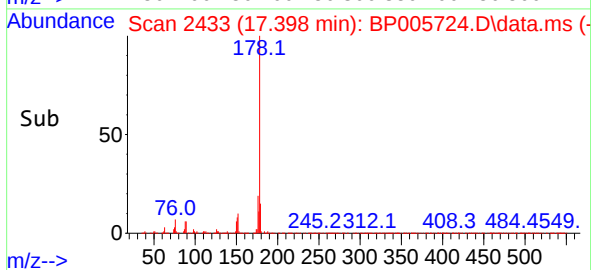
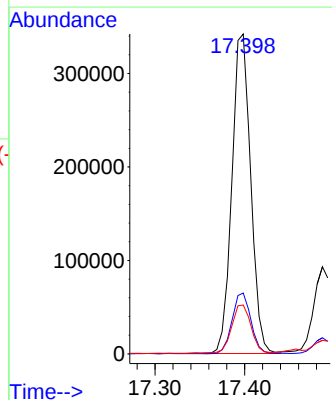
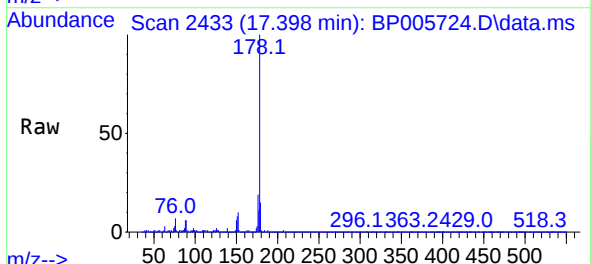
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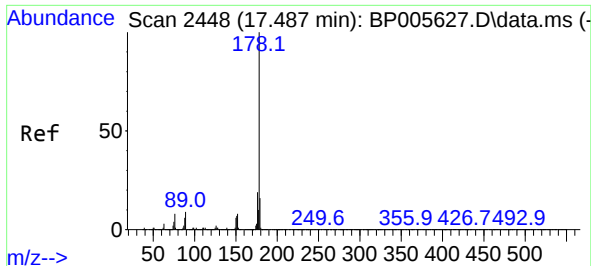
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#71
Phenanthrene
Concen: 9.284 ng
RT: 17.398 min Scan# 2433
Delta R.T. 0.006 min
Lab File: BP005724.D
Acq: 04 Jun 2021 22:16

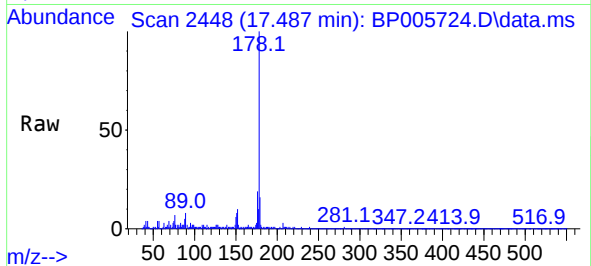
Tgt Ion:178 Resp: 497369
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.3 12.3 18.5





#72
 Anthracene
 Concen: 2.449 ng
 RT: 17.487 min Scan# 2448
 Delta R.T. 0.000 min
 Lab File: BP005724.D
 Acq: 04 Jun 2021 22:16

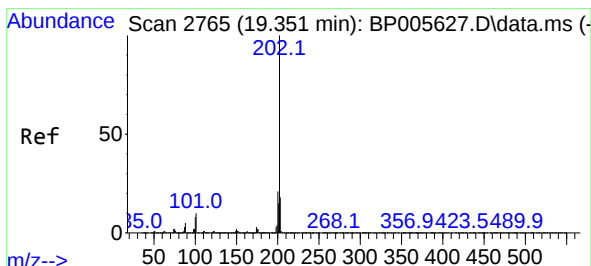
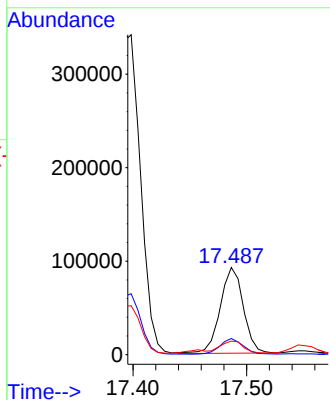
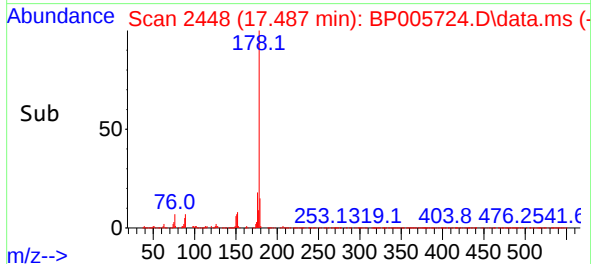
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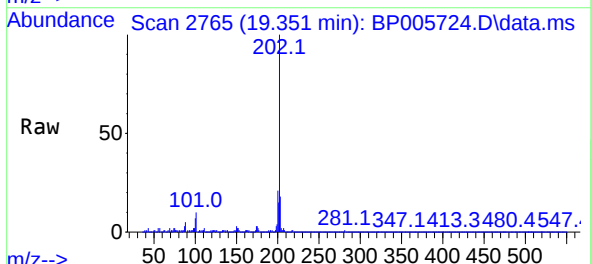
Tgt Ion:178 Resp: 129517
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.2 22.8
 179 15.6 12.6 19.0

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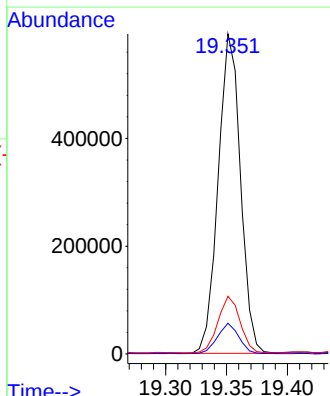
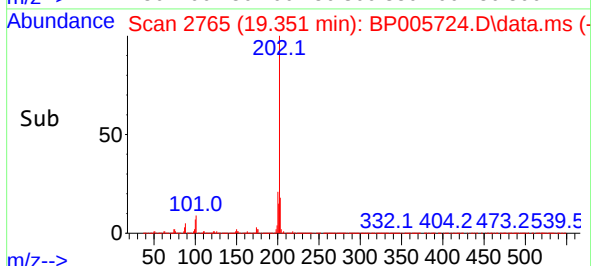
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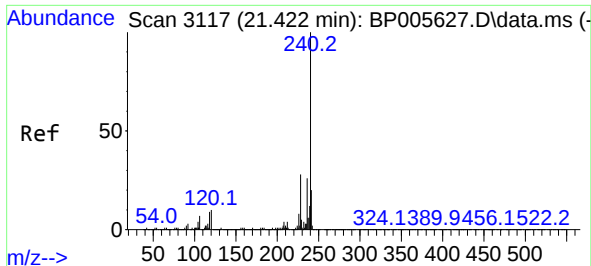


#75
 Fluoranthene
 Concen: 11.745 ng
 RT: 19.351 min Scan# 2765
 Delta R.T. 0.000 min
 Lab File: BP005724.D
 Acq: 04 Jun 2021 22:16



Tgt Ion:202 Resp: 755278
 Ion Ratio Lower Upper
 202 100
 101 9.6 0.0 26.1
 203 18.0 0.0 37.2





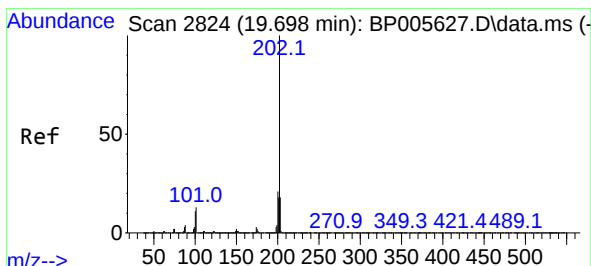
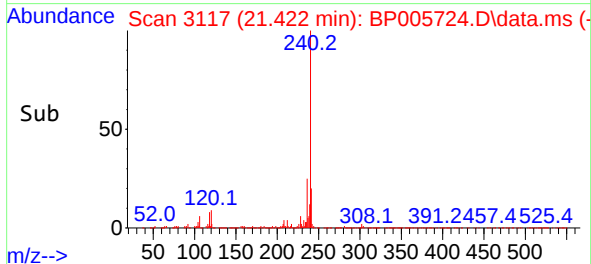
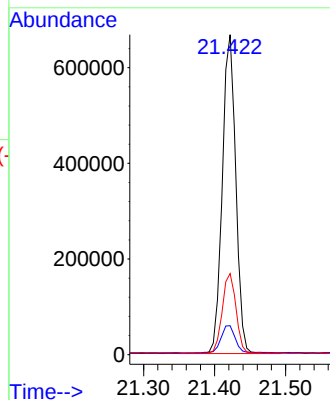
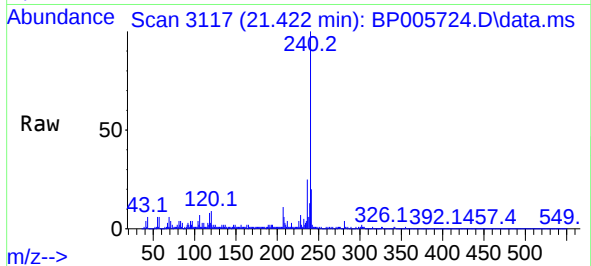
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.422 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BP005724.D
Acq: 04 Jun 2021 22:16

Tgt Ion:240 Resp: 873165
Ion Ratio Lower Upper
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120 9.0 4.2 6.2#
236 25.3 20.2 30.2

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18-B11(0-2)

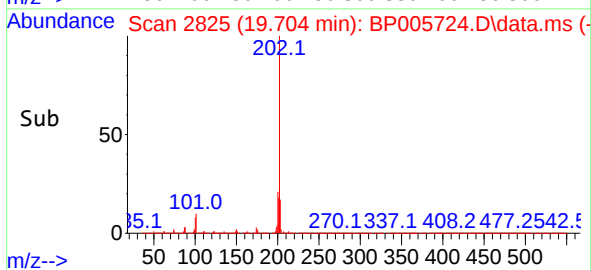
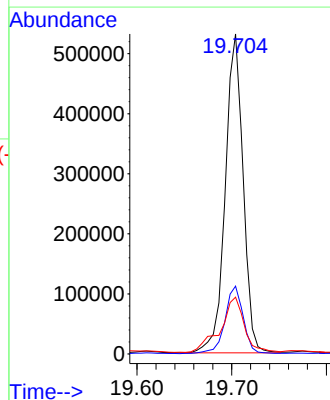
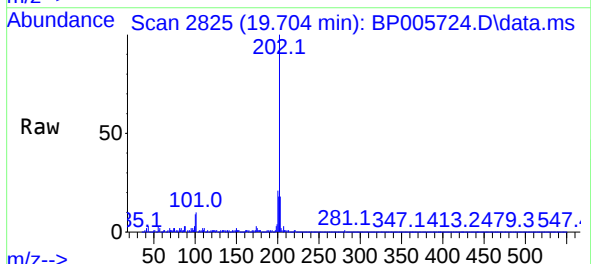
Manual Integrations
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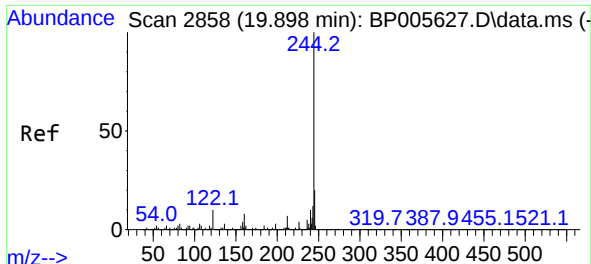
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#78
Pyrene
Concen: 11.316 ng
RT: 19.704 min Scan# 2825
Delta R.T. 0.006 min
Lab File: BP005724.D
Acq: 04 Jun 2021 22:16

Tgt Ion:202 Resp: 697226
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 17.8 13.8 20.6





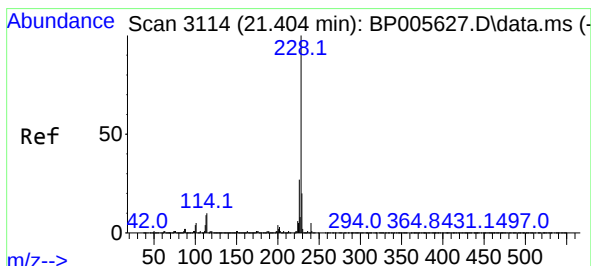
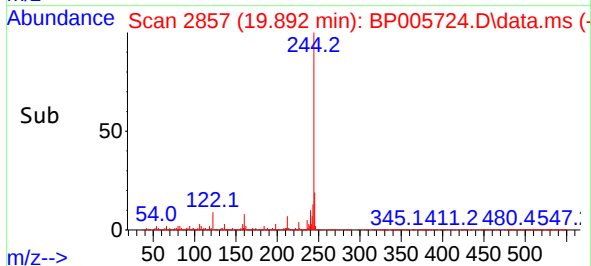
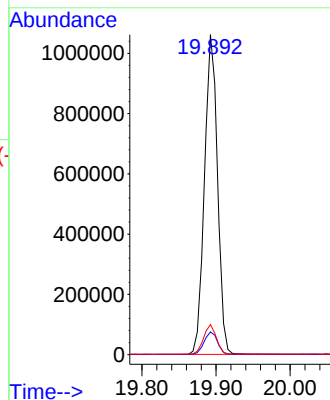
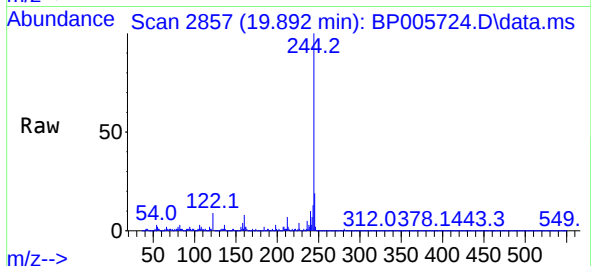
#79
Terphenyl-d14
Concen: 27.843 ng
RT: 19.892 min Scan# 2857
Delta R.T. -0.006 min
Lab File: BP005724.D
Acq: 04 Jun 2021 22:16

Tgt Ion:244 Resp: 1295620
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 9.4 5.2 7.8#

Instrument :
BNA_P
ClientSampleId :
18-B11(0-2)

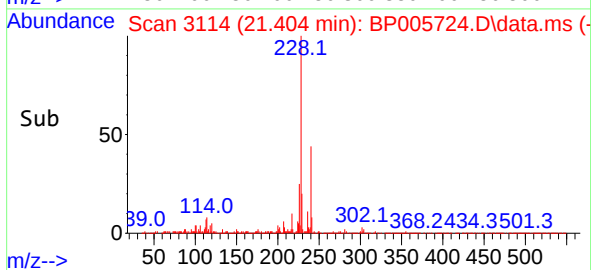
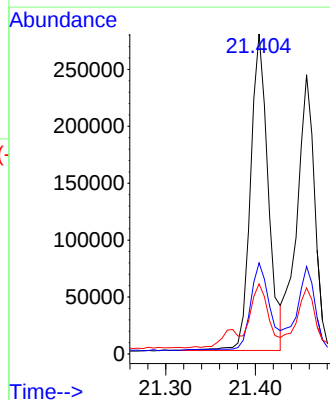
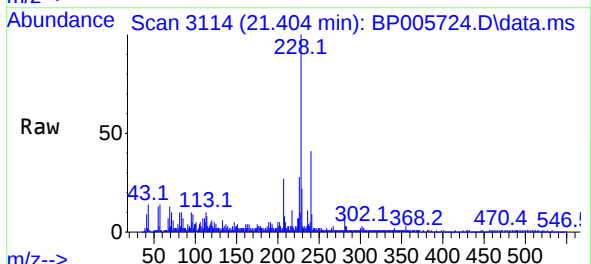
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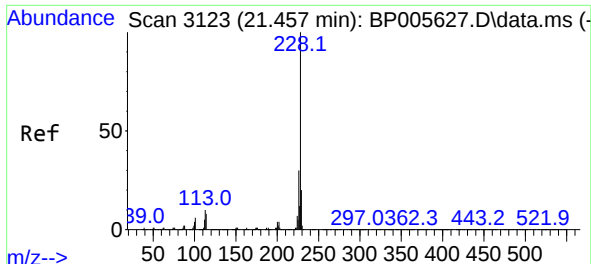
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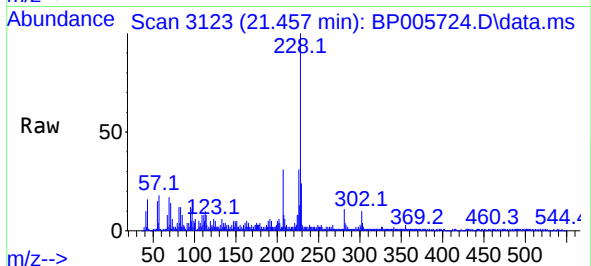
#81
Benzo(a)anthracene
Concen: 5.918 ng
RT: 21.404 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BP005724.D
Acq: 04 Jun 2021 22:16

Tgt Ion:228 Resp: 379214
Ion Ratio Lower Upper
228 100
226 28.4 21.2 31.8
229 21.9 15.6 23.4

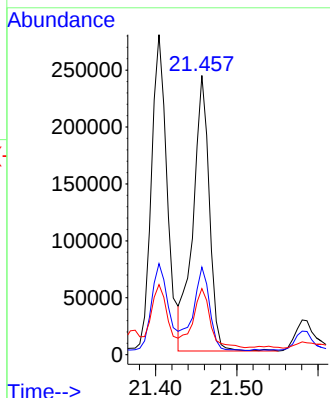
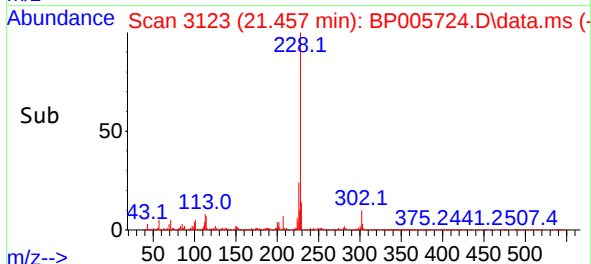




#83
Chrysene
Concen: 5.440 ng m
RT: 21.457 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BP005724.D
Acq: 04 Jun 2021 22:16



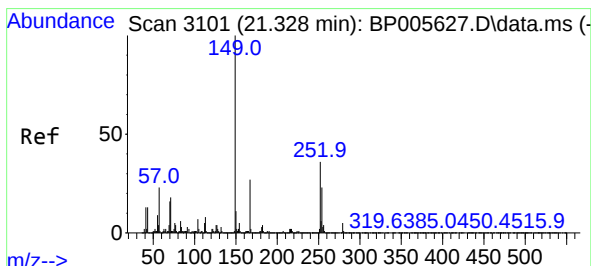
Tgt Ion:228 Resp: 337545
Ion Ratio Lower Upper
228 100
226 31.4 24.8 37.2
229 23.7 15.4 23.0#



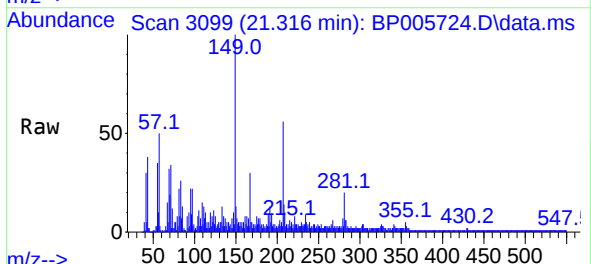
Instrument :
BNA_P
ClientSampleId :
18-B11(0-2)

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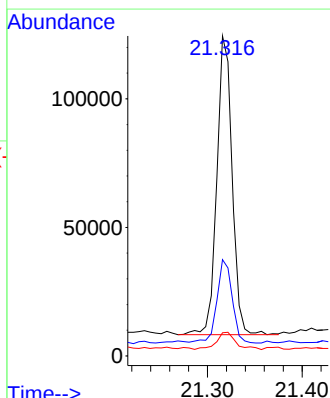
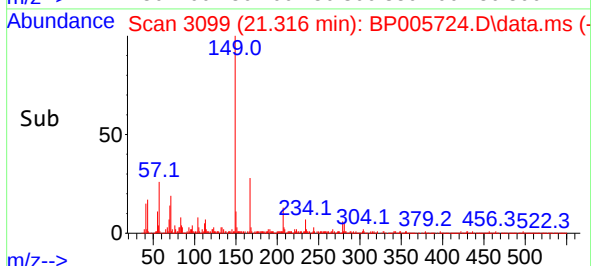
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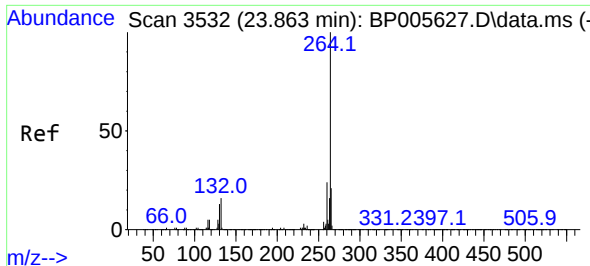


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.752 ng
RT: 21.316 min Scan# 3099
Delta R.T. -0.012 min
Lab File: BP005724.D
Acq: 04 Jun 2021 22:16



Tgt Ion:149 Resp: 130593
Ion Ratio Lower Upper
149 100
167 30.1 23.8 35.8
279 7.3 5.7 8.5





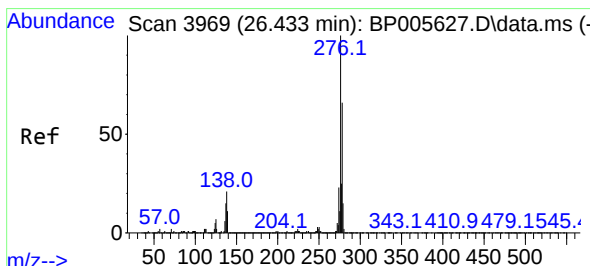
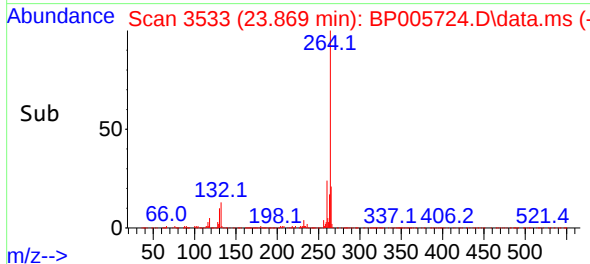
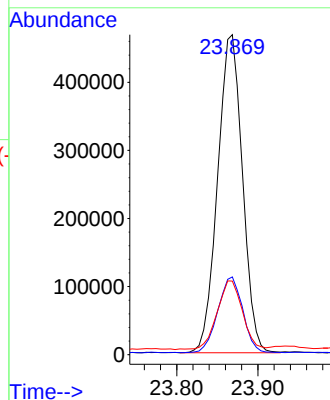
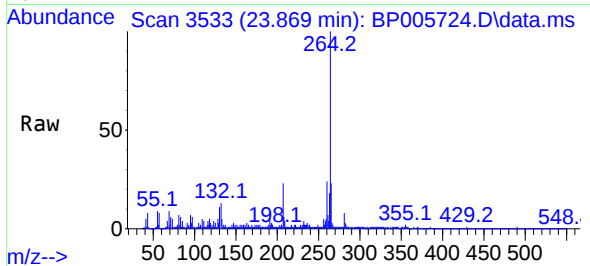
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.869 min Scan# 3533
Delta R.T. 0.006 min
Lab File: BP005724.D
Acq: 04 Jun 2021 22:16

Tgt Ion:	264	Resp:	994592
Ion Ratio	Lower	Upper	
264	100		
260	24.3	20.6	30.8
265	23.0	19.0	28.6

Instrument :
BNA_P
ClientSampled :
18-B11(0-2)

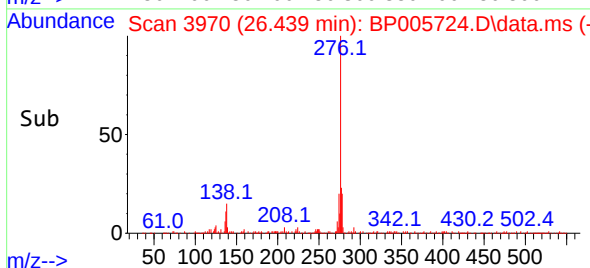
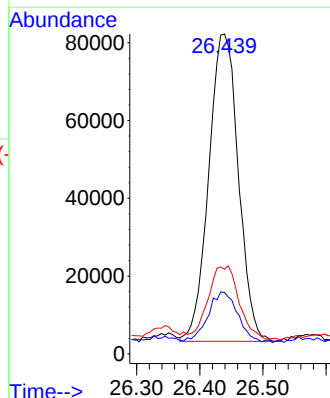
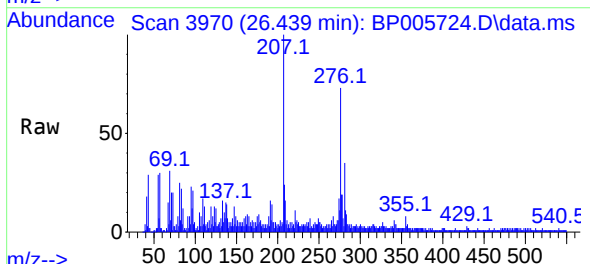
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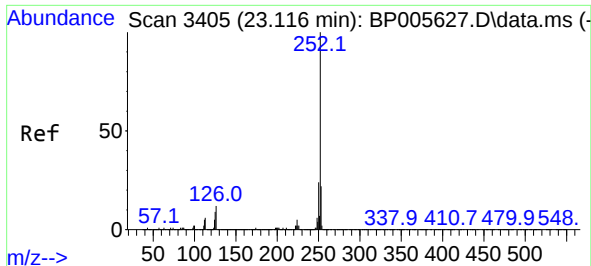
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#87
Indeno(1,2,3-cd)pyrene
Concen: 3.044 ng
RT: 26.439 min Scan# 3970
Delta R.T. 0.006 min
Lab File: BP005724.D
Acq: 04 Jun 2021 22:16

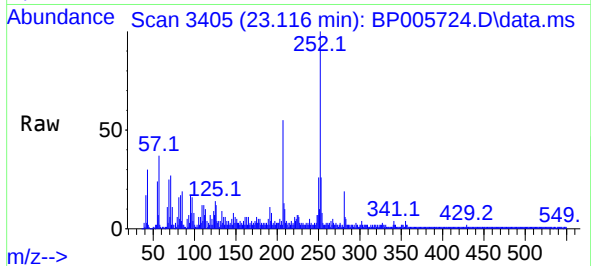
Tgt Ion:	276	Resp:	257582
Ion Ratio	Lower	Upper	
276	100		
138	16.8	8.4	12.6
277	24.6	20.6	31.0





#88
Benzo(b)fluoranthene
Concen: 6.704 ng
RT: 23.116 min Scan# 3405
Delta R.T. 0.000 min
Lab File: BP005724.D
Acq: 04 Jun 2021 22:16

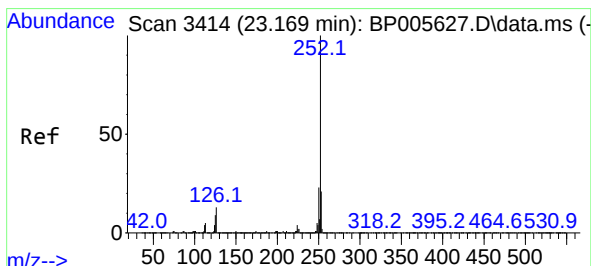
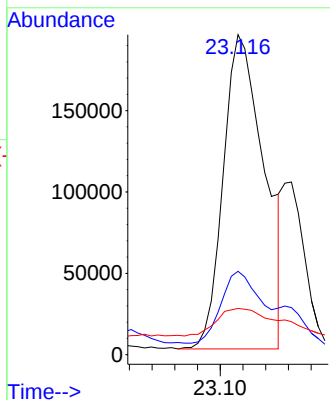
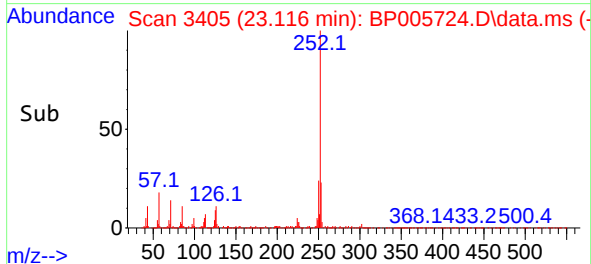
Instrument :
BNA_P
ClientSampled :
18-B11(0-2)



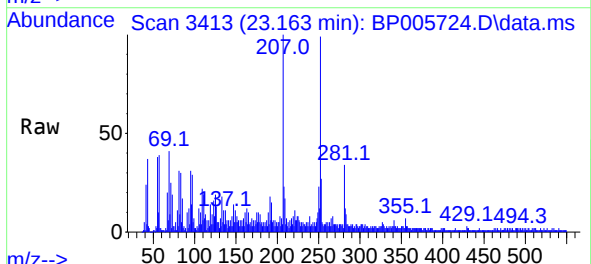
Tgt Ion:252 Resp: 483789
Ion Ratio Lower Upper
252 100
253 26.1 18.2 27.2
125 14.5 3.4 5.0#

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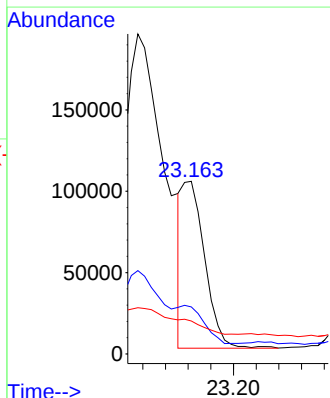
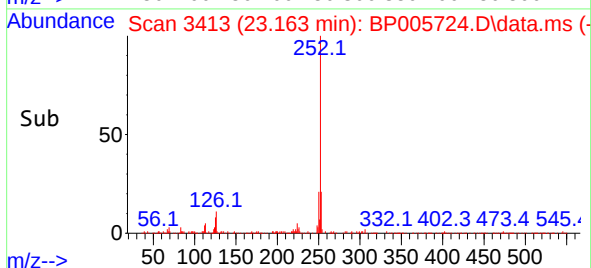
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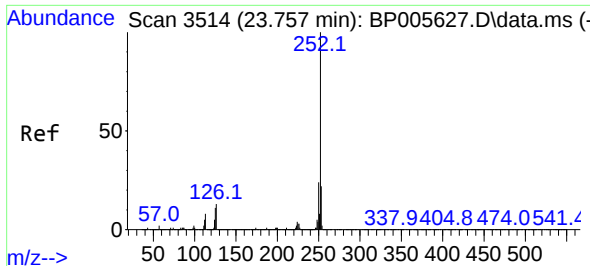


#89
Benzo(k)fluoranthene
Concen: 2.068 ng m
RT: 23.163 min Scan# 3413
Delta R.T. -0.006 min
Lab File: BP005724.D
Acq: 04 Jun 2021 22:16



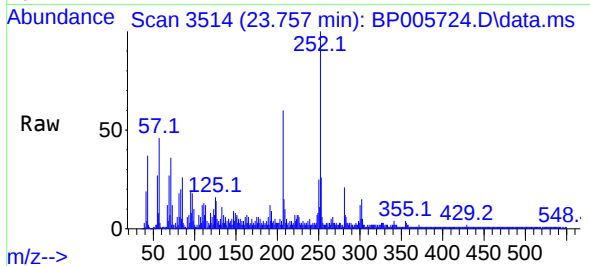
Tgt Ion:252 Resp: 141415
Ion Ratio Lower Upper
252 100
253 27.3 17.2 25.8#
125 19.1 3.8 5.6#





#90
Benzo(a)pyrene
Concen: 5.414 ng
RT: 23.757 min Scan# 3514
Delta R.T. 0.000 min
Lab File: BP005724.D
Acq: 04 Jun 2021 22:16

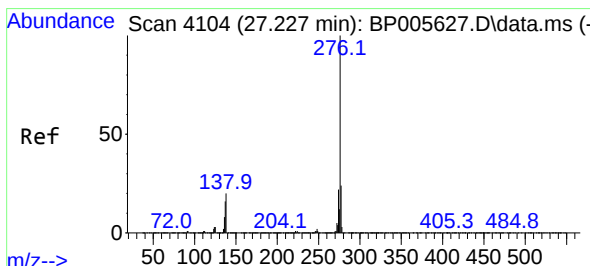
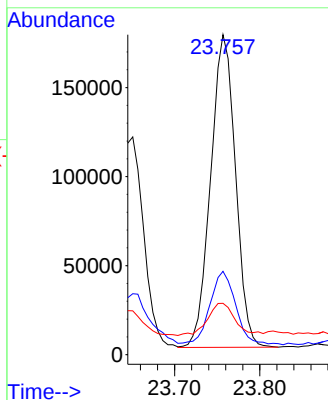
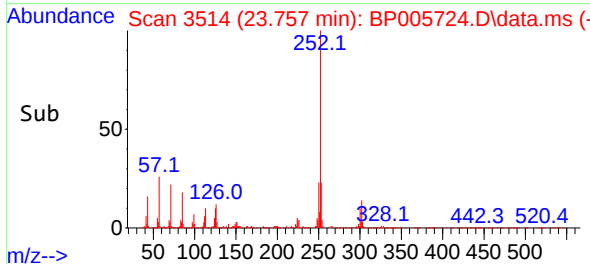
Instrument :
BNA_P
ClientSampleId :
18-B11(0-2)



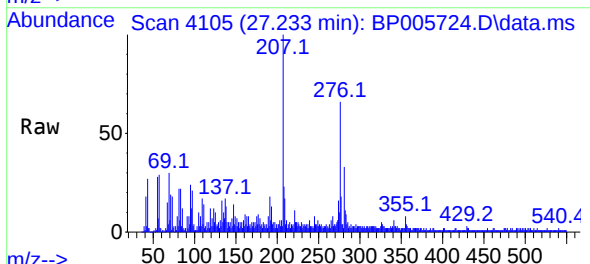
Tgt Ion:252 Resp: 355443
Ion Ratio Lower Upper
252 100
253 26.1 17.1 25.7#
125 16.1 3.8 5.6#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.645 ng
RT: 27.233 min Scan# 4105
Delta R.T. 0.006 min
Lab File: BP005724.D
Acq: 04 Jun 2021 22:16



Tgt Ion:276 Resp: 258154
Ion Ratio Lower Upper
276 100
277 27.4 19.8 29.8
138 19.4 7.7 11.5#

