

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
 Data File : BP005667.D
 Acq On : 02 Jun 2021 16:06
 Operator : CG/JU
 Sample : M2580-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B1(0-2)

Manual Integrations
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mohammad
 6/3/2021 11:08:05 AM

Quant Time: Jun 02 16:37:33 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	320868	20.00	ng	0.00
21) Naphthalene-d8	10.799	136	1187821	20.00	ng	0.00
39) Acenaphthene-d10	14.610	164	682398	20.00	ng	0.00
64) Phenanthrene-d10	17.351	188	1316093	20.00	ng	# 0.00
76) Chrysene-d12	21.422	240	1301011	20.00	ng	# 0.00
86) Perylene-d12	23.869	264	1591948	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.552	112	1478162	71.62	ng	0.00
7) Phenol-d6	7.152	99	1819115	64.66	ng	0.00
23) Nitrobenzene-d5	9.152	82	1161259	54.37	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	788176	90.07	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	2607426	50.57	ng	0.00
79) Terphenyl-d14	19.898	244	3220336	46.45	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	14.063	163	336307	6.20	ng	99
71) Phenanthrene	17.398	178	2077817	25.34	ng	100
72) Anthracene	17.487	178	475484	5.87	ng	99
75) Fluoranthene	19.351	202	2824654	28.70	ng	96
78) Pyrene	19.704	202	2437790	26.56	ng	99
81) Benzo(a)anthracene	21.404	228	1247319	13.06	ng	96
83) Chrysene	21.457	228	1118141	12.09	ng	96
87) Indeno(1,2,3-cd)pyrene	26.427	276	860112	6.35	ng	# 94
88) Benzo(b)fluoranthene	23.122	252	1526274	13.21	ng	# 93
89) Benzo(k)fluoranthene	23.163	252	577213m	5.27	ng	
90) Benzo(a)pyrene	23.757	252	1199959	11.42	ng	# 90
92) Benzo(g,h,i)perylene	27.227	276	885194	7.81	ng	# 93

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

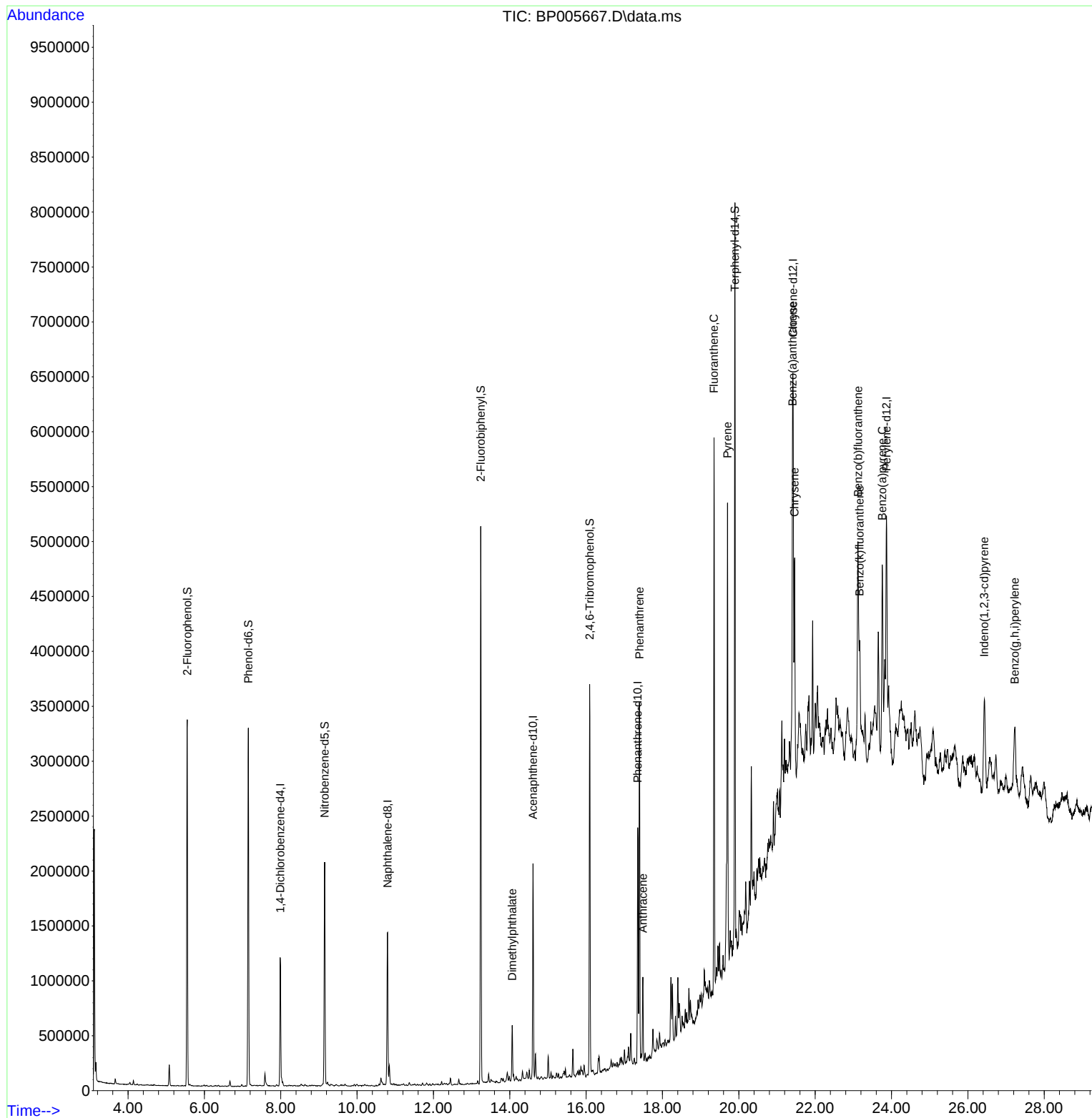
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005667.D
Acq On : 02 Jun 2021 16:06
Operator : CG/JU
Sample : M2580-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

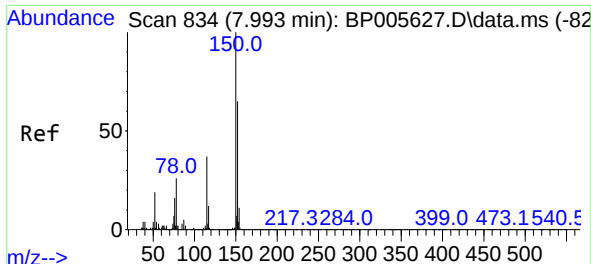
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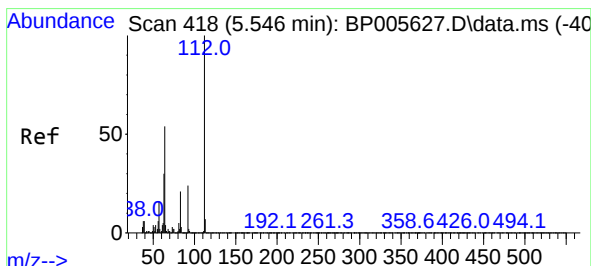
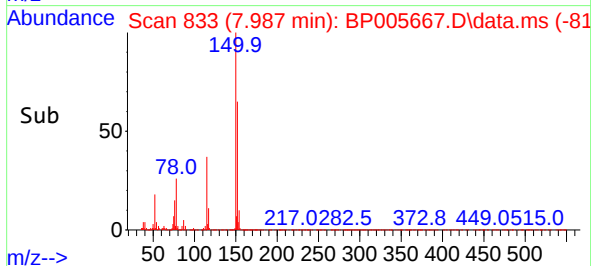
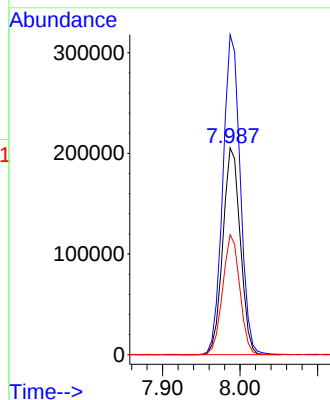
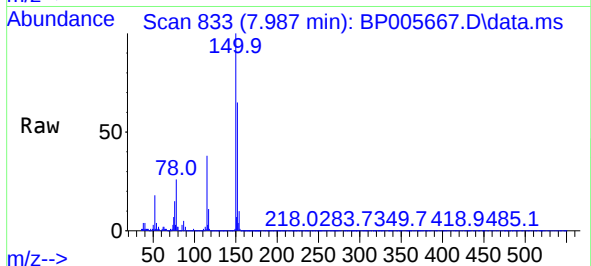
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

Tgt Ion:152 Resp: 320868
Ion Ratio Lower Upper
152 100
150 154.7 119.8 179.8
115 58.0 49.0 73.4

Instrument :
BNA_P
ClientSampleId :
18-B1(0-2)

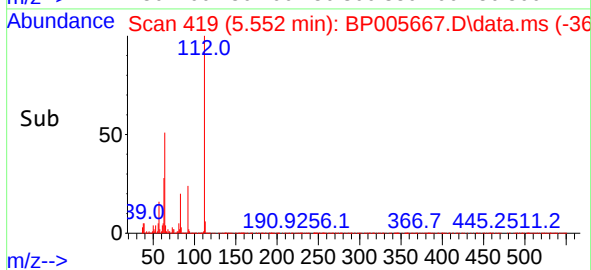
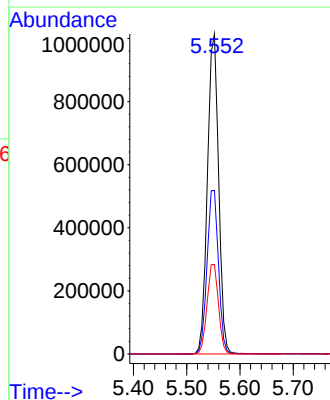
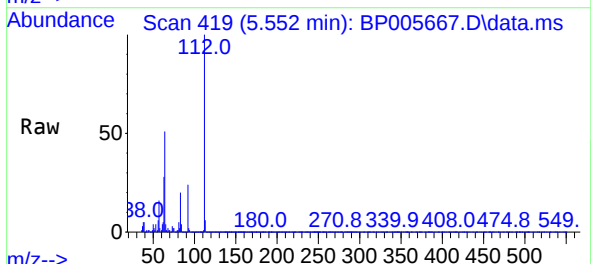
Manual Integrations
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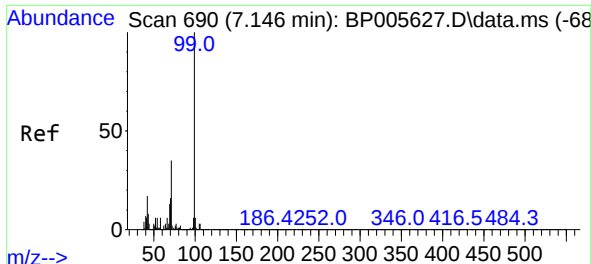
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#5
2-Fluorophenol
Concen: 71.62 ng
RT: 5.552 min Scan# 419
Delta R.T. 0.006 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

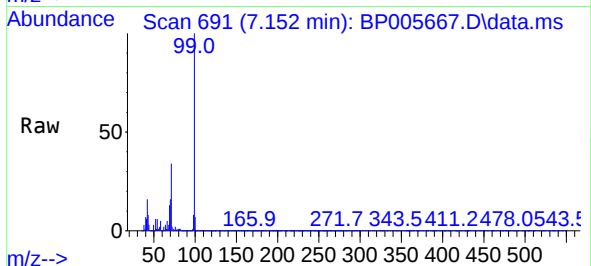
Tgt Ion:112 Resp: 1478162
Ion Ratio Lower Upper
112 100
64 51.1 33.6 50.4#
63 28.0 18.6 27.8#





#7
Phenol-d6
Concen: 64.66 ng
RT: 7.152 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

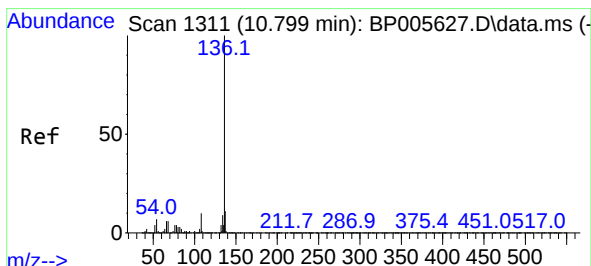
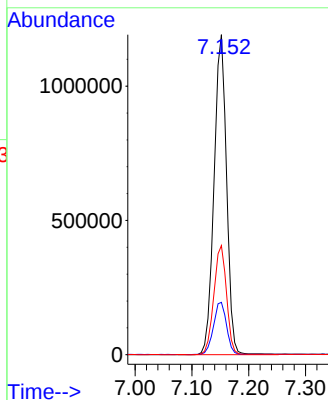
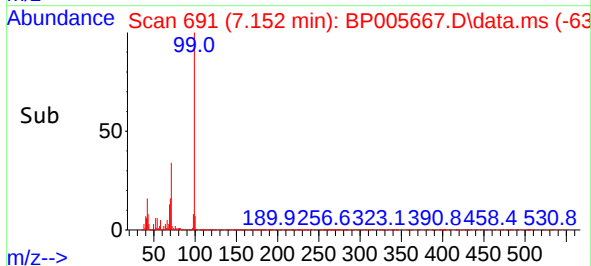
Instrument :
BNA_P
ClientSampleId :
18-B1(0-2)



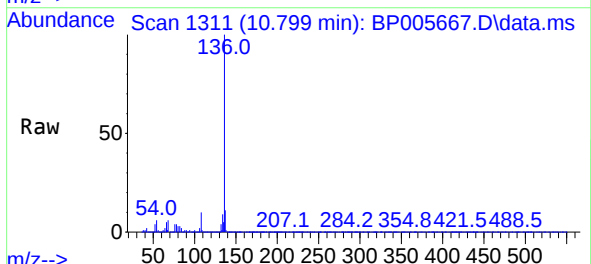
Tgt Ion: 99 Resp: 1819115
Ion Ratio Lower Upper
99 100
42 16.4 12.9 19.3
71 34.1 26.7 40.1

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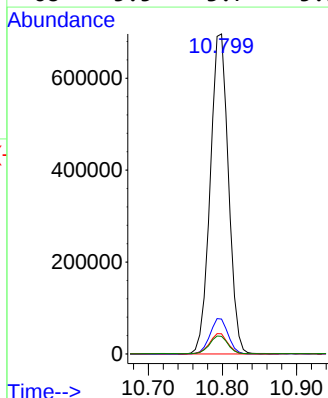
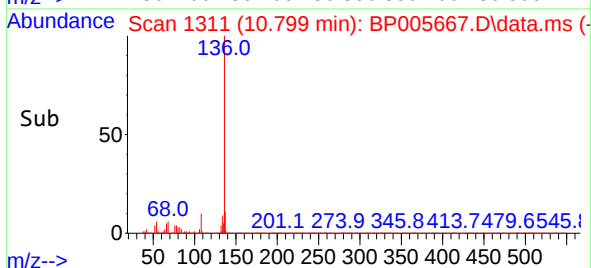
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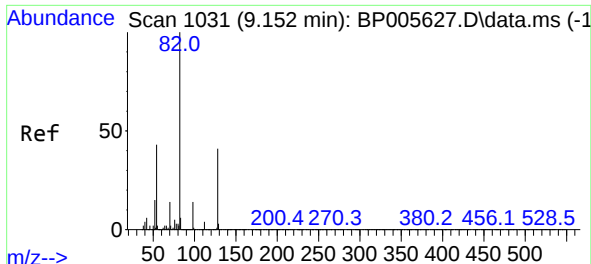


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.799 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06



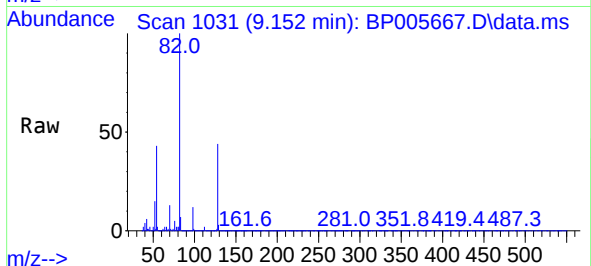
Tgt Ion: 136 Resp: 1187821
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.3 5.0 7.4
68 5.5 3.7 5.5





#23
Nitrobenzene-d5
Concen: 54.37 ng
RT: 9.152 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

Instrument :
BNA_P
ClientSampleId :
18-B1(0-2)

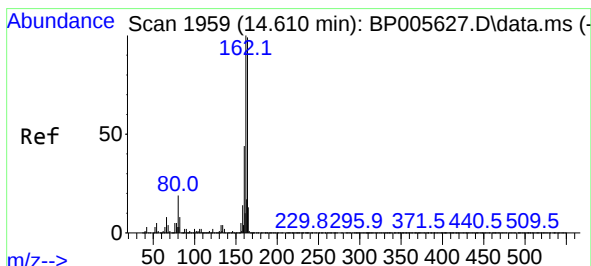
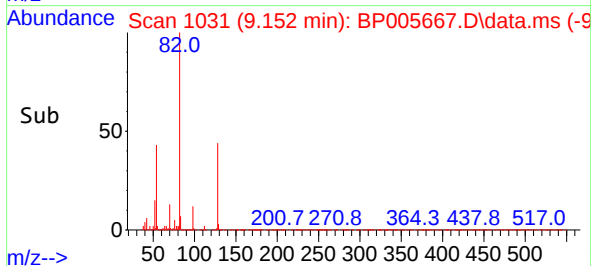
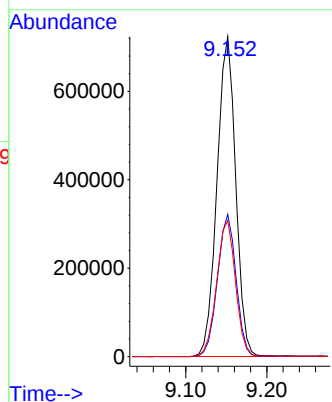


Tgt Ion: 82 Resp: 1161259

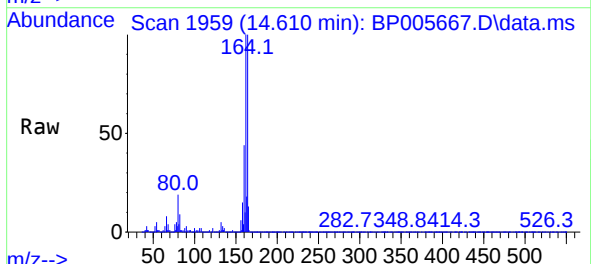
Ion	Ratio	Lower	Upper
82	100		
128	44.5	30.5	45.7
54	42.6	33.9	50.9

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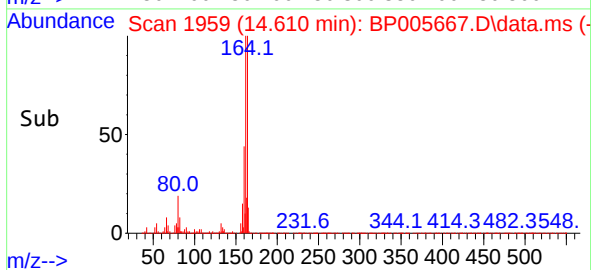
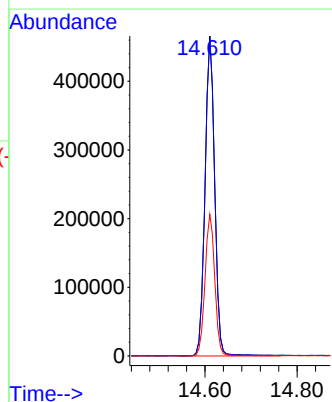


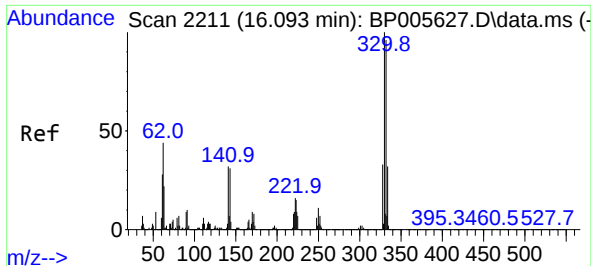
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.610 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06



Tgt Ion: 164 Resp: 682398

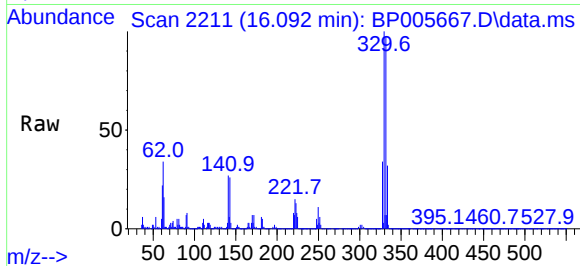
Ion	Ratio	Lower	Upper
164	100		
162	99.6	73.5	110.3
160	44.2	40.6	61.0





#42
2,4,6-Tribromophenol
Concen: 90.07 ng
RT: 16.092 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

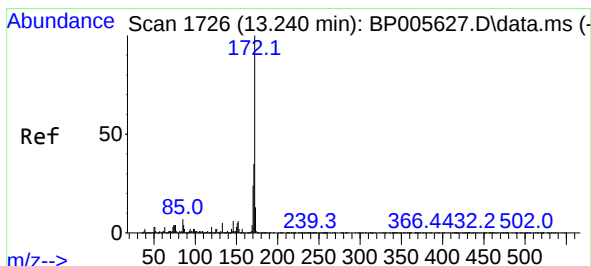
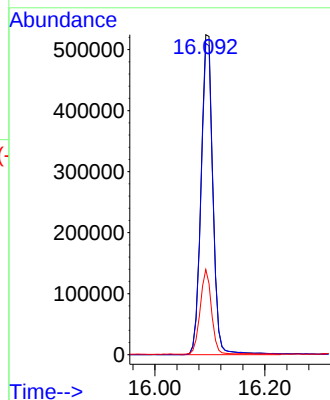
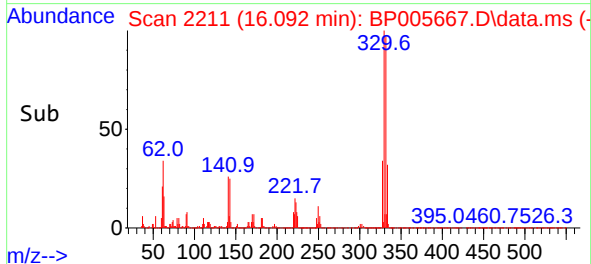
Instrument :
BNA_P
ClientSampleId :
18-B1(0-2)



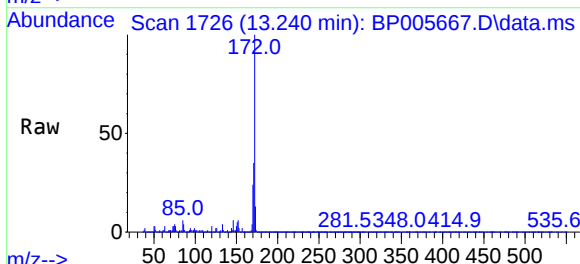
Tgt Ion:330 Resp: 788176
Ion Ratio Lower Upper
330 100
332 97.6 76.3 114.5
141 25.0 22.8 34.2

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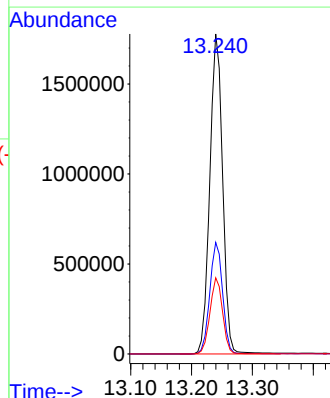
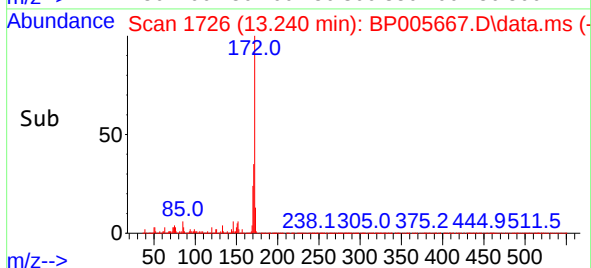
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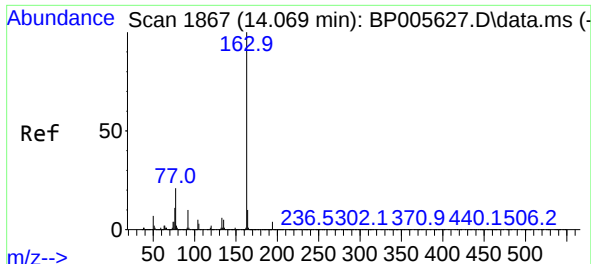


#45
2-Fluorobiphenyl
Concen: 50.57 ng
RT: 13.240 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06



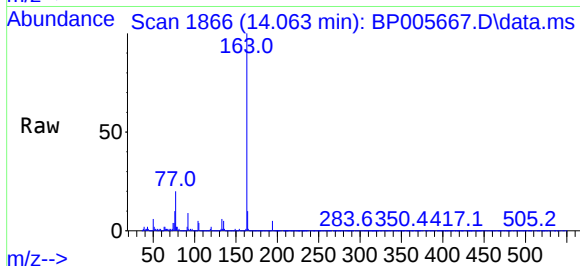
Tgt Ion:172 Resp: 2607426
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.8 19.6 29.4





#50
Dimethylphthalate
Concen: 6.20 ng
RT: 14.063 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

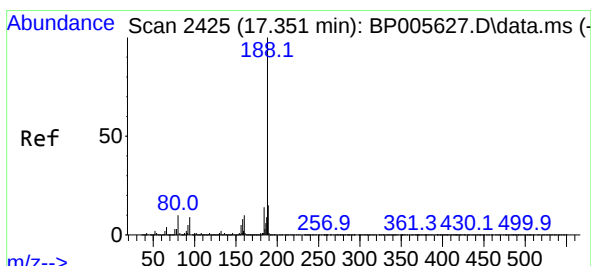
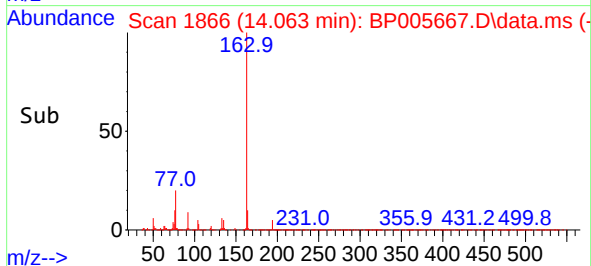
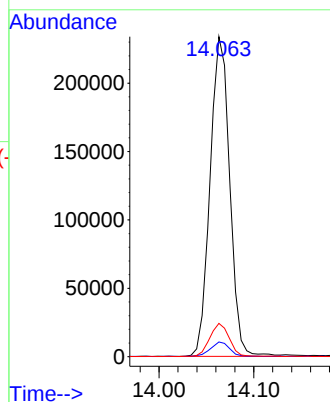
Instrument :
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18-B1(0-2)



Tgt Ion:163 Resp: 336307
Ion Ratio Lower Upper
163 100
194 4.6 3.9 5.9
164 10.4 8.1 12.1

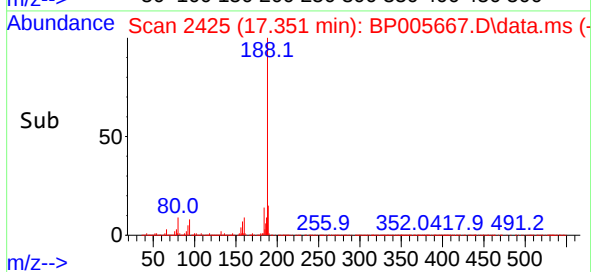
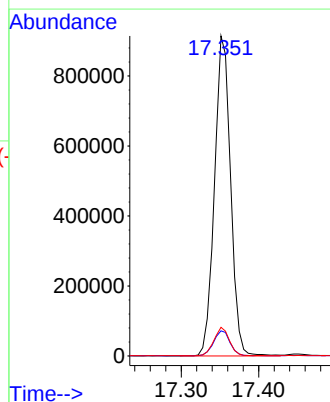
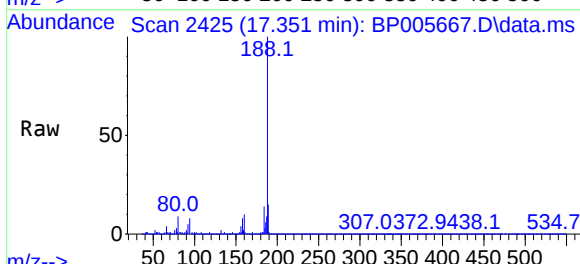
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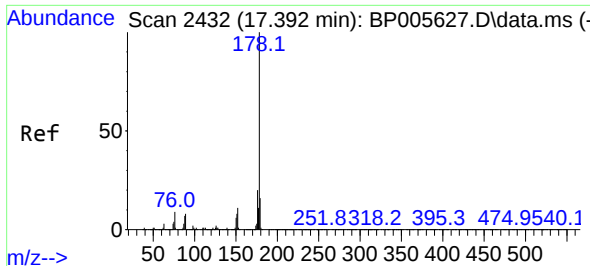
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

Tgt Ion:188 Resp: 1316093
Ion Ratio Lower Upper
188 100
94 7.9 5.0 7.6#
80 8.9 5.9 8.9#





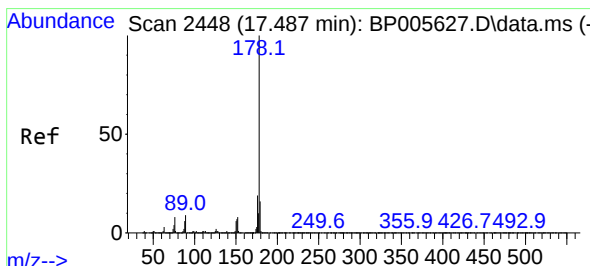
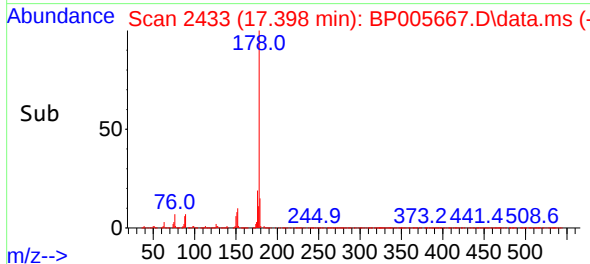
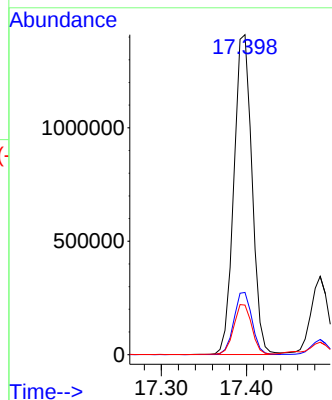
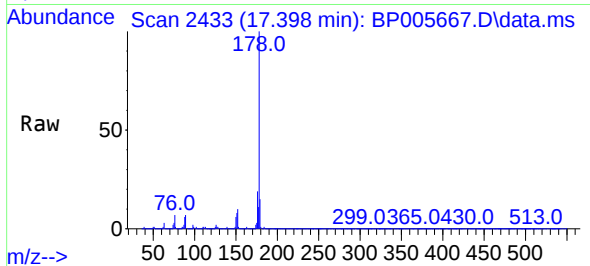
#71
Phenanthrene
Concen: 25.34 ng
RT: 17.398 min Scan# 2433
Delta R.T. 0.006 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

Tgt Ion:178 Resp: 2077817
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.5 12.3 18.5

Instrument :
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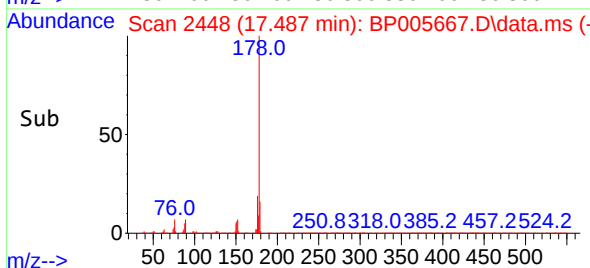
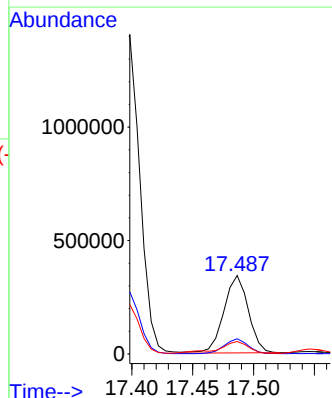
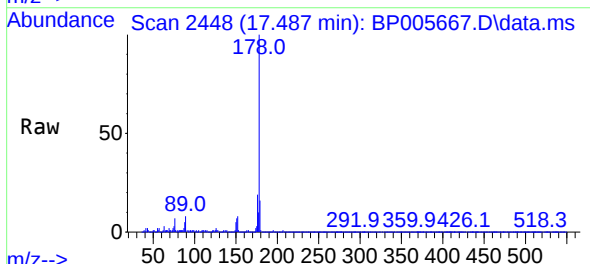
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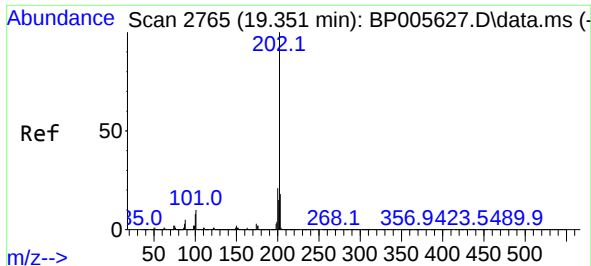
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#72
Anthracene
Concen: 5.87 ng
RT: 17.487 min Scan# 2448
Delta R.T. -0.000 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

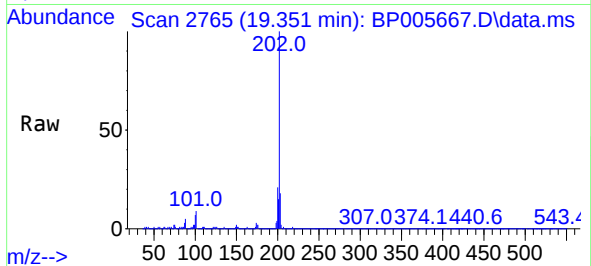
Tgt Ion:178 Resp: 475484
Ion Ratio Lower Upper
178 100
176 19.3 15.2 22.8
179 16.0 12.6 19.0





#75
Fluoranthene
Concen: 28.70 ng
RT: 19.351 min Scan# 2765
Delta R.T. -0.000 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

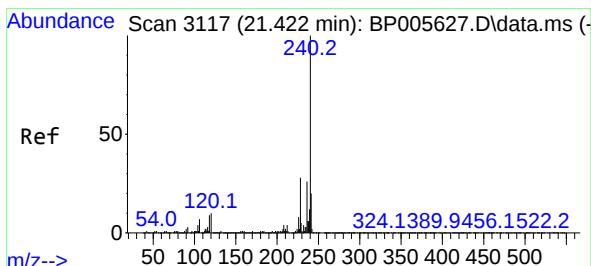
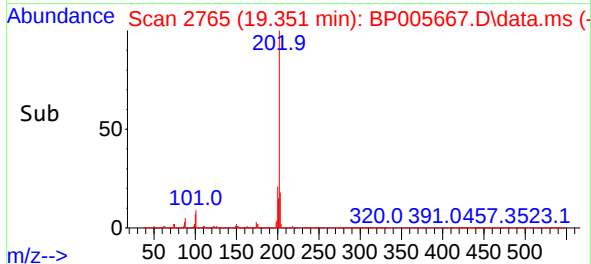
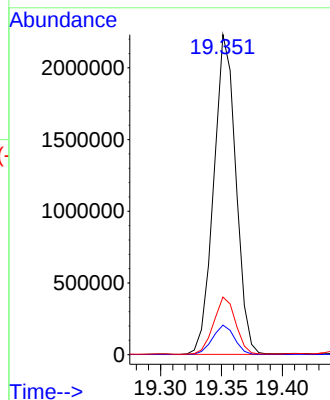
Instrument :
BNA_P
ClientSampleId :
18-B1(0-2)



Tgt Ion:202 Resp: 2824654
Ion Ratio Lower Upper
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101 9.3 0.0 26.1
203 18.0 0.0 37.2

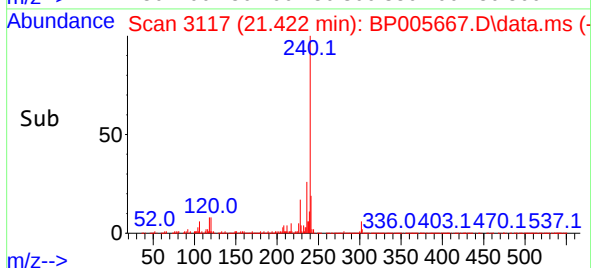
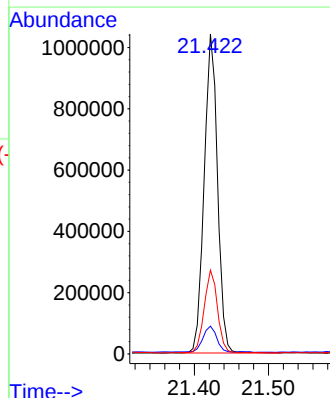
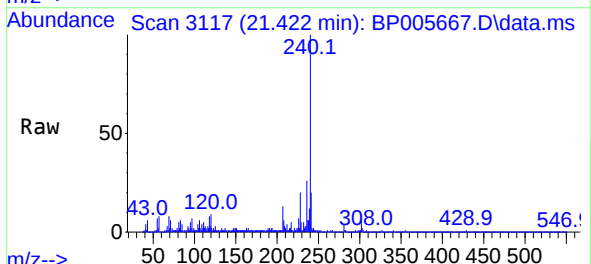
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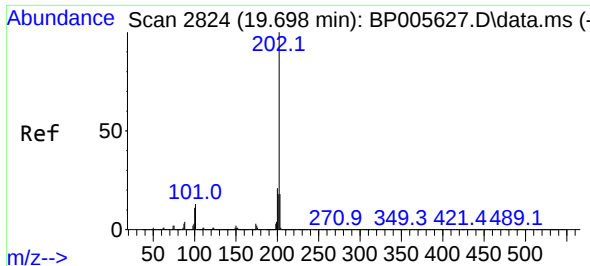
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.422 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

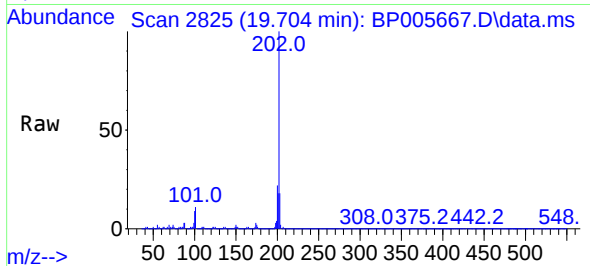
Tgt Ion:240 Resp: 1301011
Ion Ratio Lower Upper
240 100
120 8.7 4.2 6.2#
236 26.2 20.2 30.2





#78
Pyrene
Concen: 26.56 ng
RT: 19.704 min Scan# 2825
Delta R.T. 0.006 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

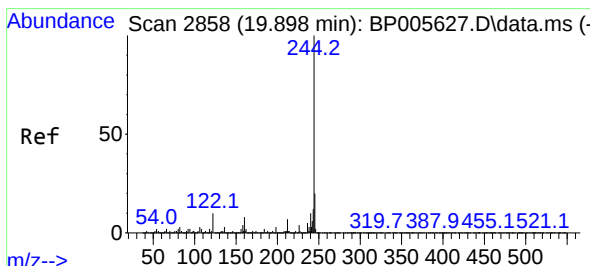
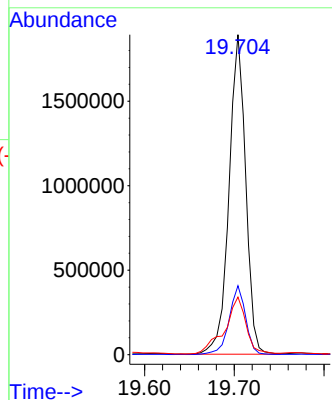
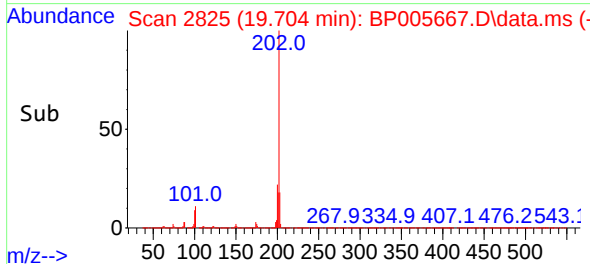
Instrument :
BNA_P
ClientSampleId :
18-B1(0-2)



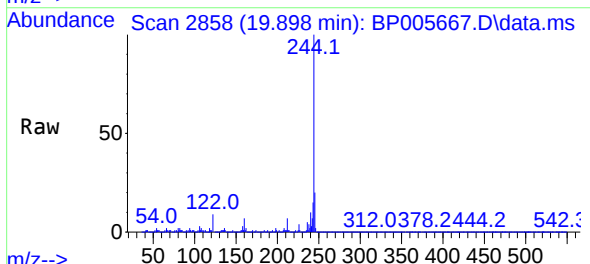
Tgt Ion:202 Resp: 2437790
Ion Ratio Lower Upper
202 100
200 21.6 16.9 25.3
203 18.0 13.8 20.6

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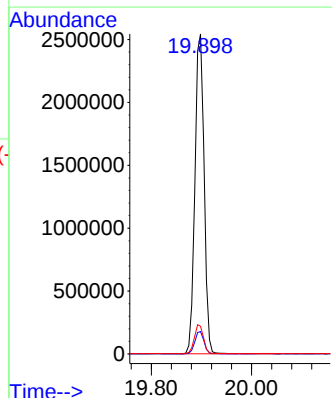
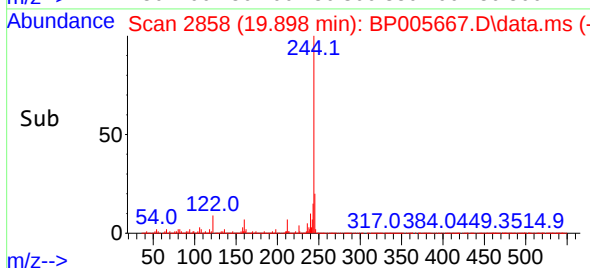
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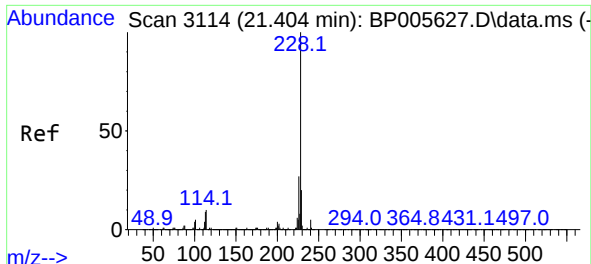


#79
Terphenyl-d14
Concen: 46.45 ng
RT: 19.898 min Scan# 2858
Delta R.T. -0.000 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06



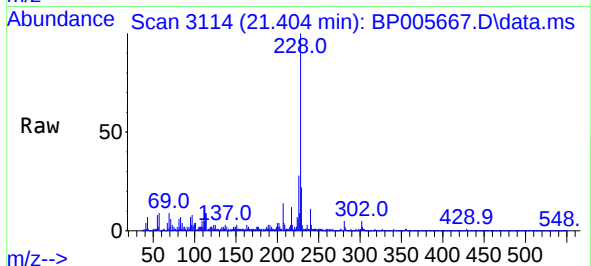
Tgt Ion:244 Resp: 3220336
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 8.6 5.2 7.8#





#81
Benzo(a)anthracene
Concen: 13.06 ng
RT: 21.404 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

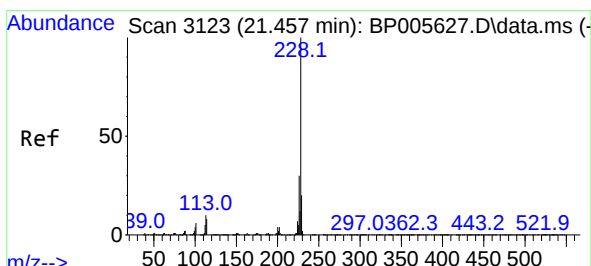
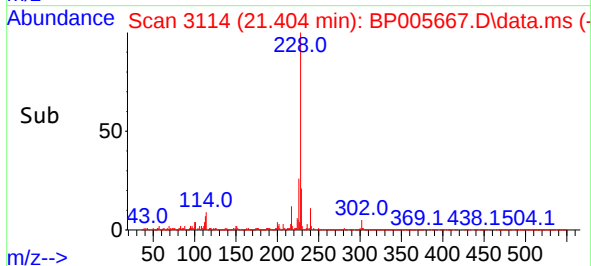
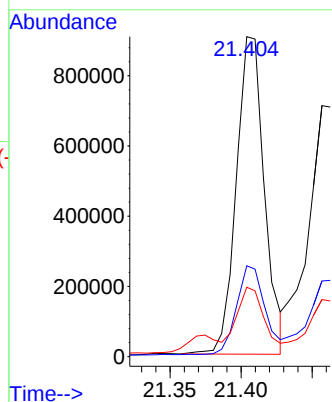
Instrument :
BNA_P
ClientSampleId :
18-B1(0-2)



Tgt Ion:228 Resp: 1247319
Ion Ratio Lower Upper
228 100
226 28.4 21.2 31.8
229 21.7 15.6 23.4

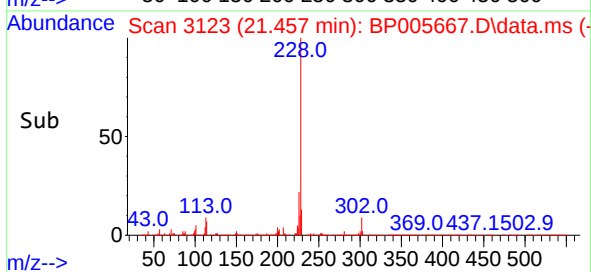
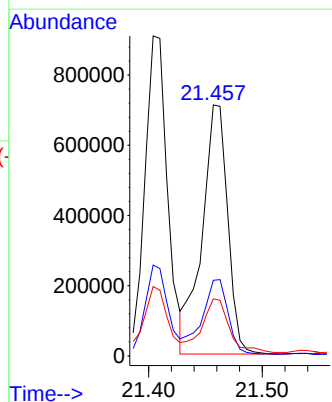
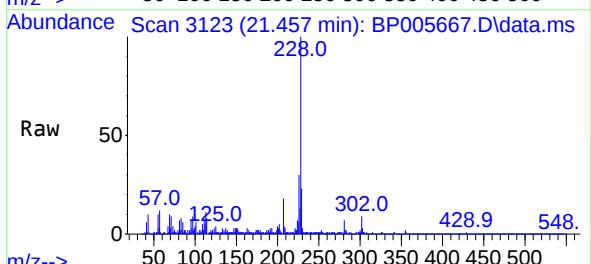
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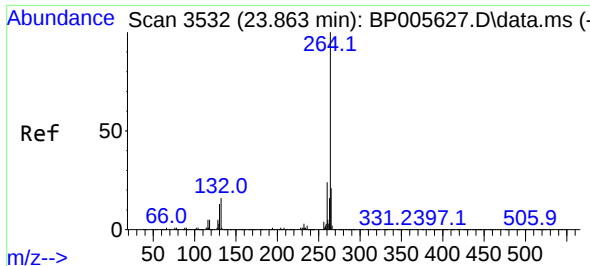
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#83
Chrysene
Concen: 12.09 ng
RT: 21.457 min Scan# 3123
Delta R.T. -0.000 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

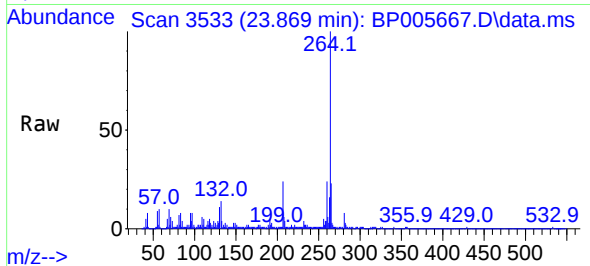
Tgt Ion:228 Resp: 1118141
Ion Ratio Lower Upper
228 100
226 30.2 24.8 37.2
229 22.8 15.4 23.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.869 min Scan# 3533
Delta R.T. 0.006 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

Instrument :
BNA_P
ClientSampled :
18-B1(0-2)

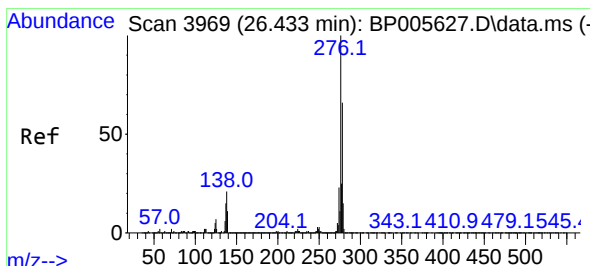
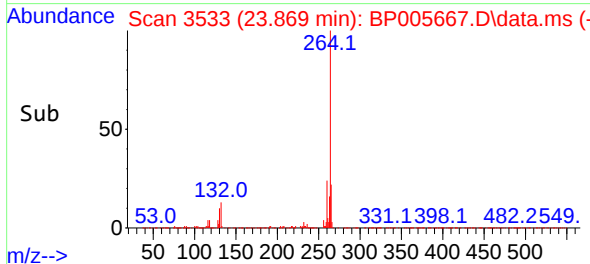
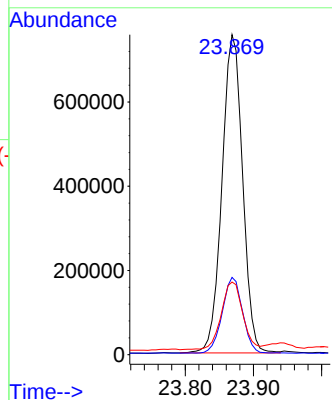


Tgt Ion:264 Resp: 1591948

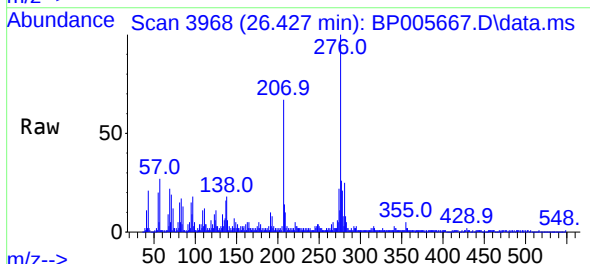
Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.6	30.8
265	22.7	19.0	28.6

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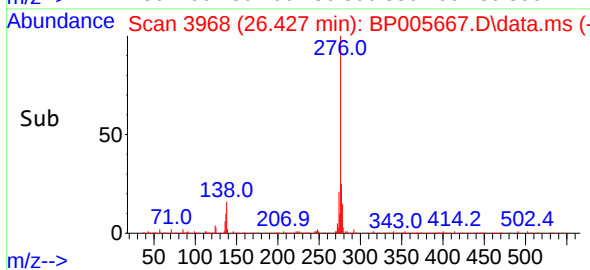
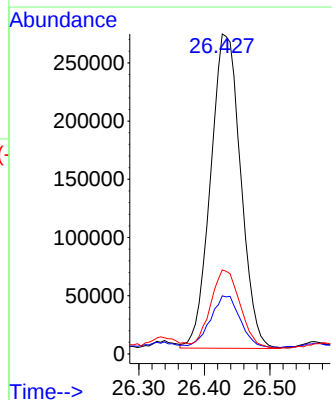


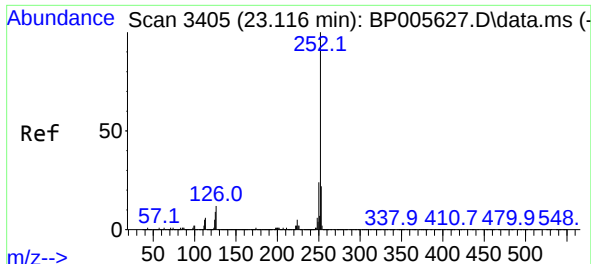
#87
Indeno(1,2,3-cd)pyrene
Concen: 6.35 ng
RT: 26.427 min Scan# 3968
Delta R.T. -0.006 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06



Tgt Ion:276 Resp: 860112

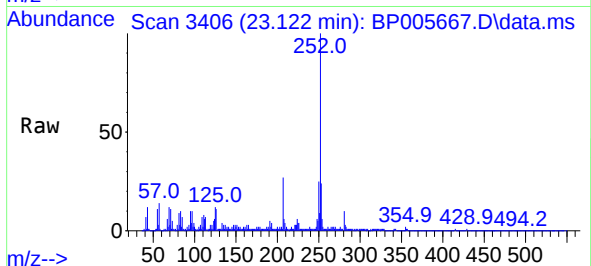
Ion	Ratio	Lower	Upper
276	100		
138	16.3	8.4	12.6
277	24.5	20.6	31.0





#88
Benzo(b)fluoranthene
Concen: 13.21 ng
RT: 23.122 min Scan# 3406
Delta R.T. 0.006 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

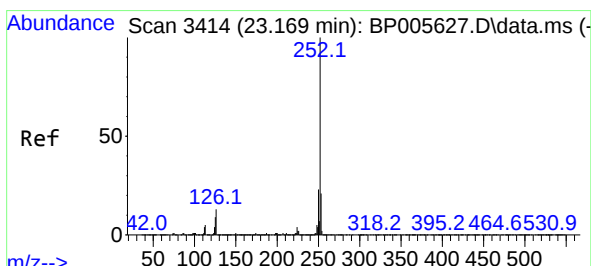
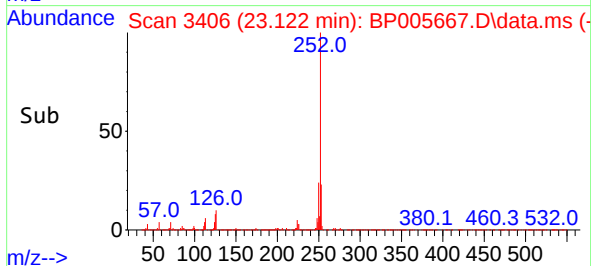
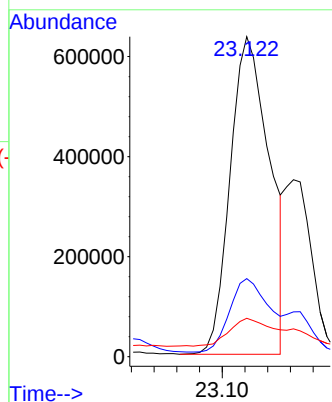
Instrument :
BNA_P
ClientSampleId :
18-B1(0-2)



Tgt Ion:252 Resp: 1526274
Ion Ratio Lower Upper
252 100
253 24.4 18.2 27.2
125 12.0 3.4 5.0#

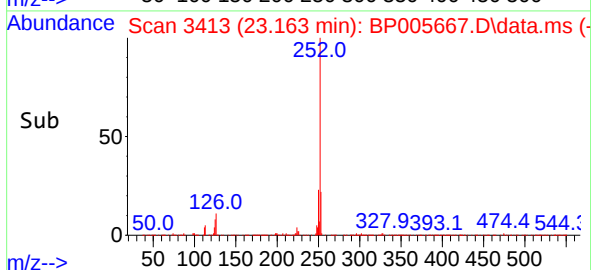
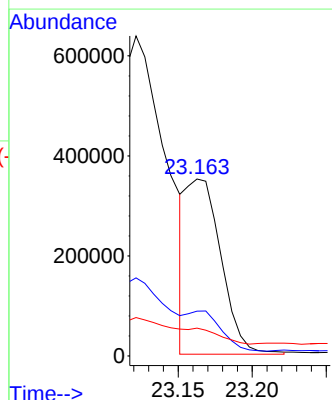
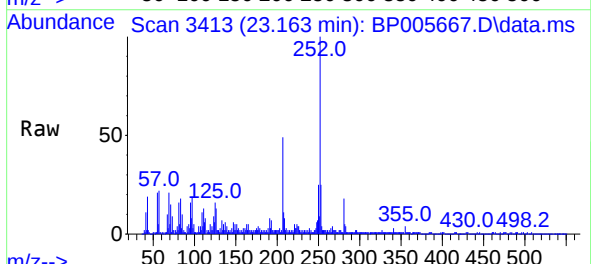
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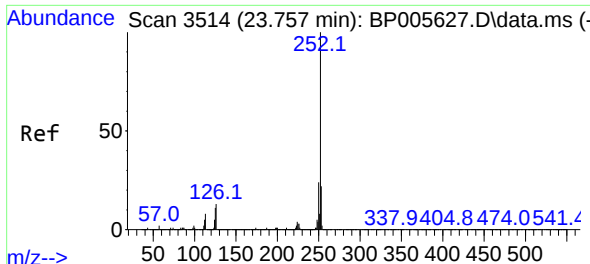
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#89
Benzo(k)fluoranthene
Concen: 5.27 ng m
RT: 23.163 min Scan# 3413
Delta R.T. -0.006 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

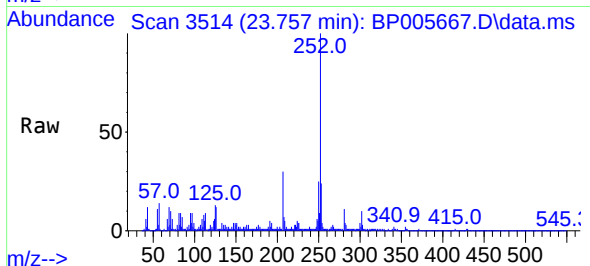
Tgt Ion:252 Resp: 577213
Ion Ratio Lower Upper
252 100
253 25.3 17.2 25.8
125 15.7 3.8 5.6#





#90
Benzo(a)pyrene
Concen: 11.42 ng
RT: 23.757 min Scan# 3514
Delta R.T. -0.000 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

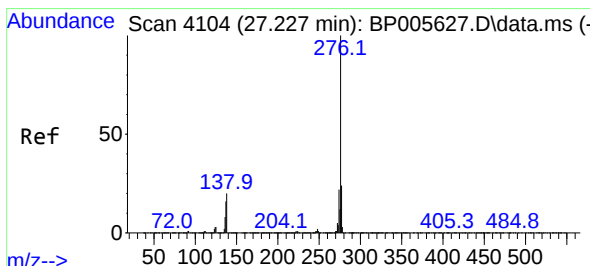
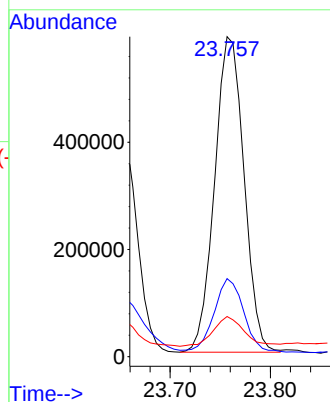
Instrument :
BNA_P
ClientSampleId :
18-B1(0-2)



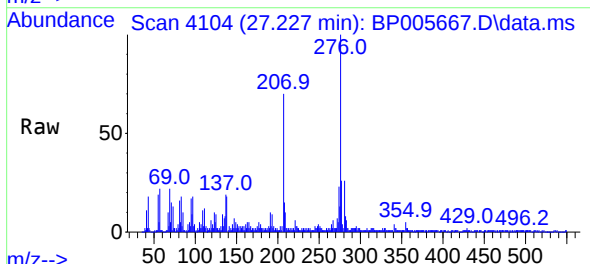
Tgt Ion:252 Resp: 1199959
Ion Ratio Lower Upper
252 100
253 24.4 17.1 25.7
125 12.5 3.8 5.6#

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#92
Benzo(g,h,i)perylene
Concen: 7.81 ng
RT: 27.227 min Scan# 4104
Delta R.T. -0.000 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06



Tgt Ion:276 Resp: 885194
Ion Ratio Lower Upper
276 100
277 25.7 19.8 29.8
138 17.7 7.7 11.5#

