

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060321\
 Data File : BP005696.D
 Acq On : 03 Jun 2021 20:22
 Operator : CG/JU
 Sample : M2580-05 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B2(2-4)

Manual Integrations
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mohammad
 6/4/2021 9:34:50 AM

Quant Time: Jun 04 01:04:38 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	218407	20.00	ng	-0.01
21) Naphthalene-d8	10.787	136	861242	20.00	ng	#-0.01
39) Acenaphthene-d10	14.604	164	532244	20.00	ng	0.00
64) Phenanthrene-d10	17.351	188	1115372	20.00	ng	# 0.00
76) Chrysene-d12	21.416	240	1163810	20.00	ng	# 0.00
86) Perylene-d12	23.857	264	1277253	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	533802	38.00	ng	0.00
7) Phenol-d6	7.146	99	669462	34.96	ng	0.00
23) Nitrobenzene-d5	9.146	82	426274	27.53	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	310419	45.48	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	970334	24.13	ng	0.00
79) Terphenyl-d14	19.892	244	1506158	24.28	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	14.057	163	126079	2.98	ng	98
71) Phenanthrene	17.392	178	387494	5.58	ng	99
75) Fluoranthene	19.351	202	958588	11.49	ng	97
78) Pyrene	19.698	202	902360	10.99	ng	99
80) Butylbenzylphthalate	20.563	149	17735	4.62	ng	95
81) Benzo(a)anthracene	21.398	228	530786	6.21	ng	96
83) Chrysene	21.451	228	486425	5.88	ng	97
87) Indeno(1,2,3-cd)pyrene	26.421	276	399866	3.68	ng	# 94
88) Benzo(b)fluoranthene	23.110	252	704996	7.61	ng	# 93
89) Benzo(k)fluoranthene	23.151	252	263353m	3.00	ng	
90) Benzo(a)pyrene	23.751	252	541596	6.42	ng	# 93
92) Benzo(g,h,i)perylene	27.215	276	399207	4.39	ng	# 89

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

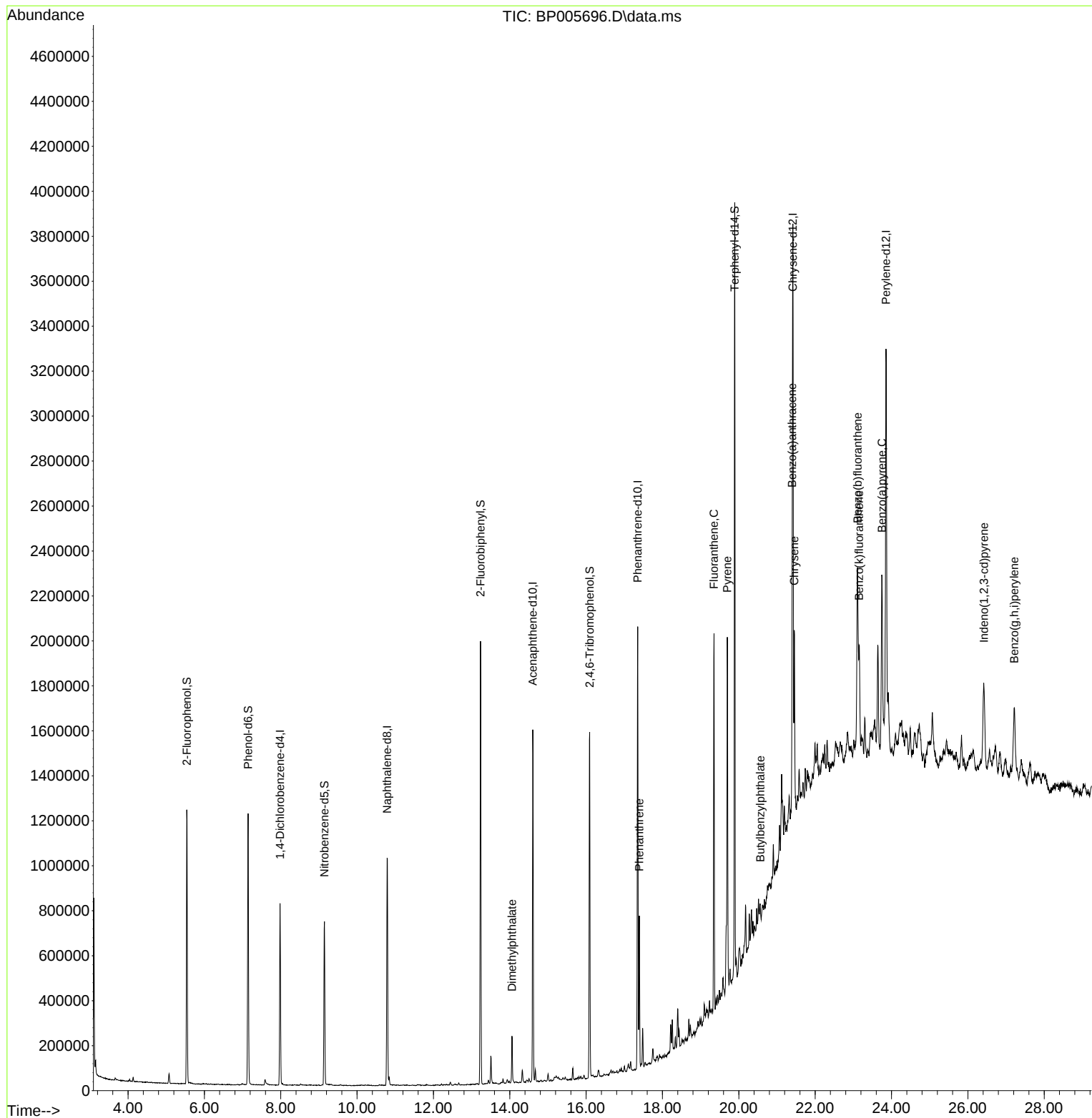
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060321\
Data File : BP005696.D
Acq On : 03 Jun 2021 20:22
Operator : CG/JU
Sample : M2580-05 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

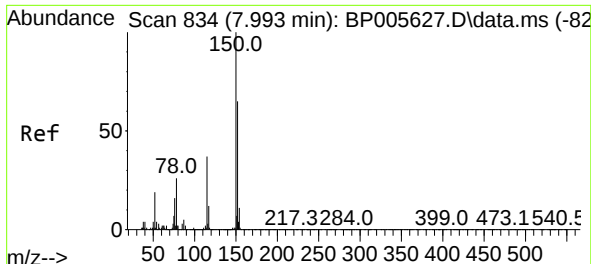
Instrument :
BNA_P
ClientSampleId :
18-B2(2-4)

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Quant Time: Jun 04 01:04:38 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
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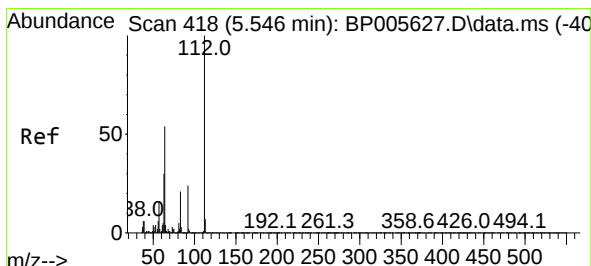
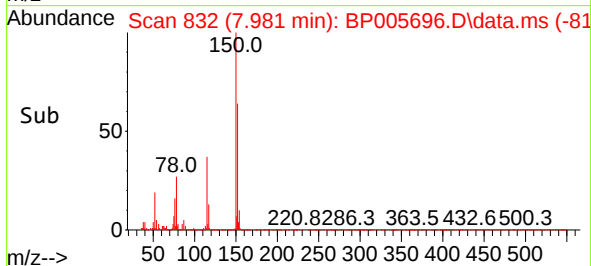
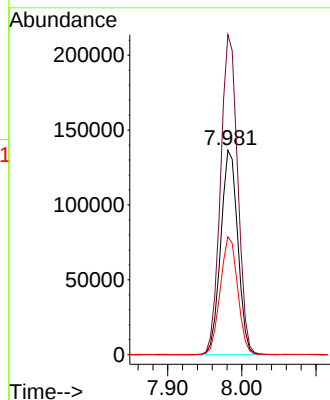
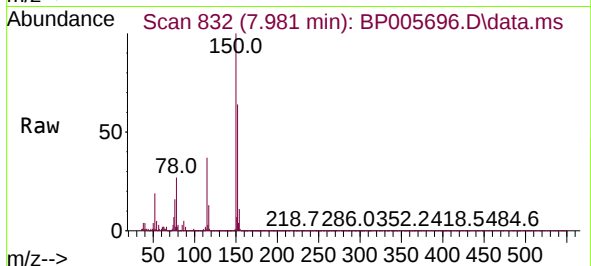
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.981 min Scan# 832
Delta R.T. -0.012 min
Lab File: BP005696.D
Acq: 03 Jun 2021 20:22

Tgt Ion:152 Resp: 218407
Ion Ratio Lower Upper
152 100
150 156.5 119.8 179.8
115 57.7 49.0 73.4

Instrument :
BNA_P
ClientSampleId :
18-B2(2-4)

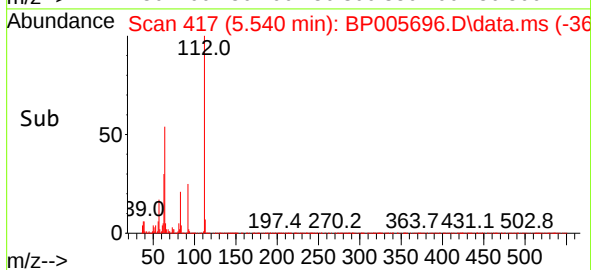
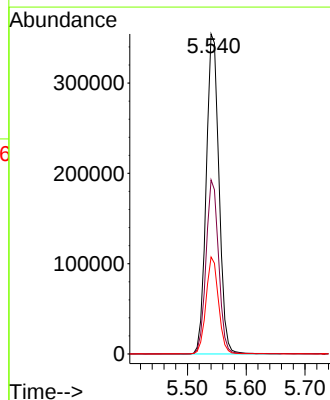
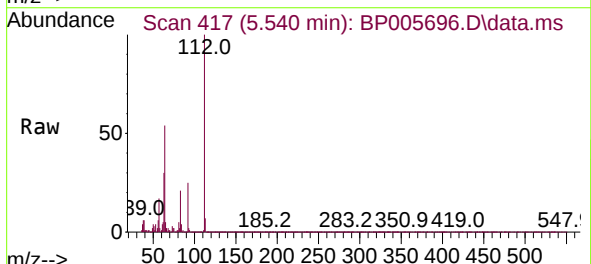
Manual Integrations
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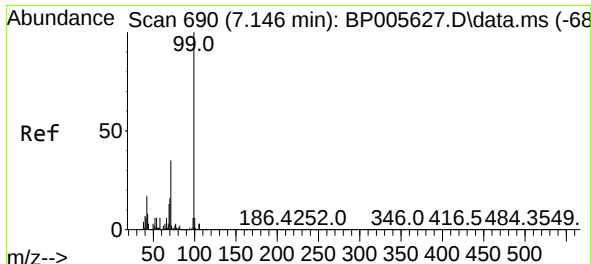
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#5
2-Fluorophenol
Concen: 38.00 ng
RT: 5.540 min Scan# 417
Delta R.T. -0.006 min
Lab File: BP005696.D
Acq: 03 Jun 2021 20:22

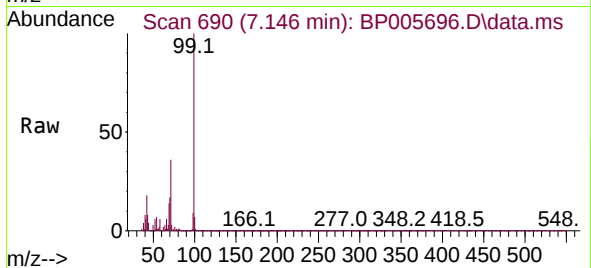
Tgt Ion:112 Resp: 533802
Ion Ratio Lower Upper
112 100
64 54.4 33.6 50.4#
63 30.3 18.6 27.8#





#7
Phenol-d6
Concen: 34.96 ng
RT: 7.146 min Scan# 690
Delta R.T. -0.000 min
Lab File: BP005696.D
Acq: 03 Jun 2021 20:22

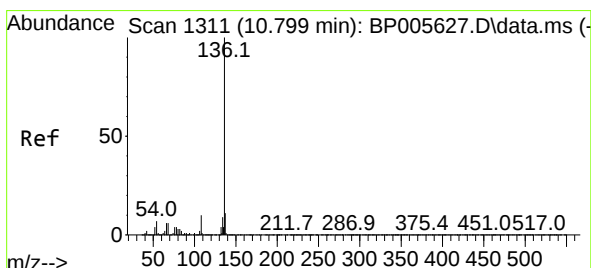
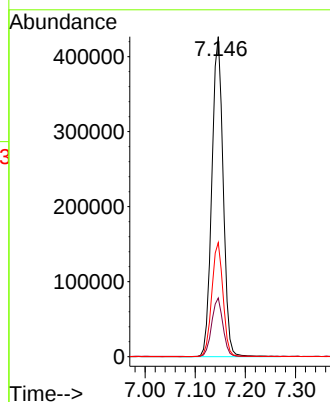
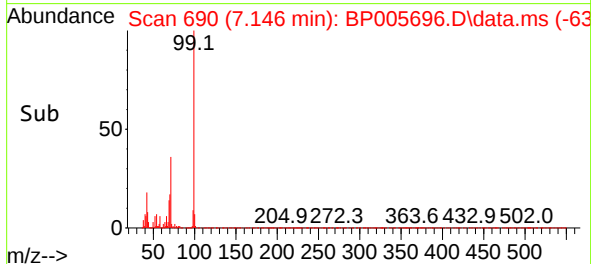
Instrument :
BNA_P
ClientSampled :
18-B2(2-4)



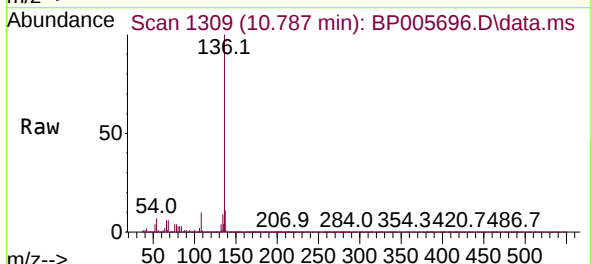
Tgt Ion: 99 Resp: 669462
Ion Ratio Lower Upper
99 100
42 18.3 12.9 19.3
71 35.7 26.7 40.1

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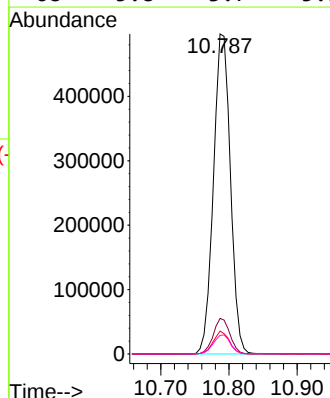
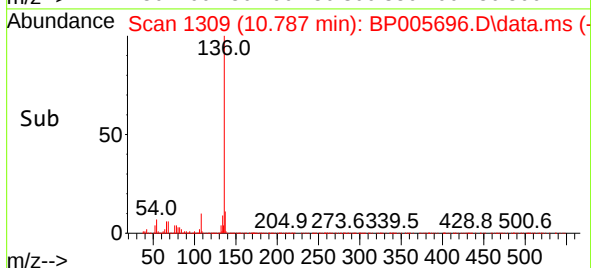
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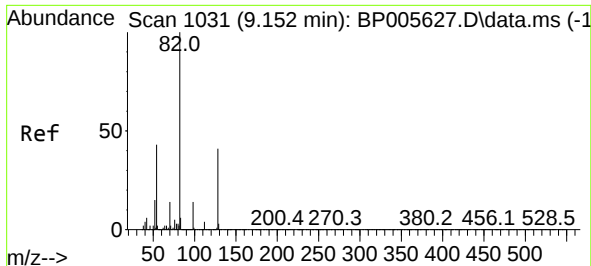


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.787 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BP005696.D
Acq: 03 Jun 2021 20:22



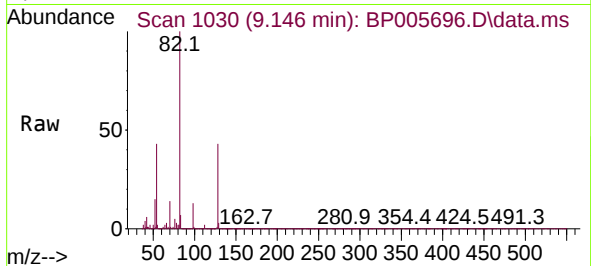
Tgt Ion: 136 Resp: 861242
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.2 5.0 7.4
68 5.8 3.7 5.5#





#23
Nitrobenzene-d5
Concen: 27.53 ng
RT: 9.146 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP005696.D
Acq: 03 Jun 2021 20:22

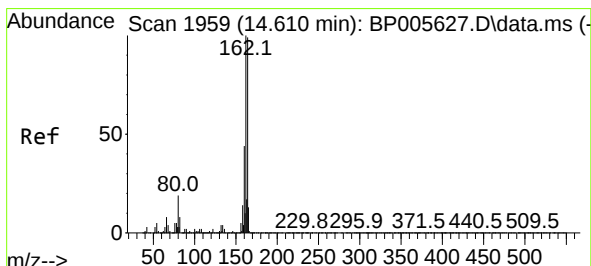
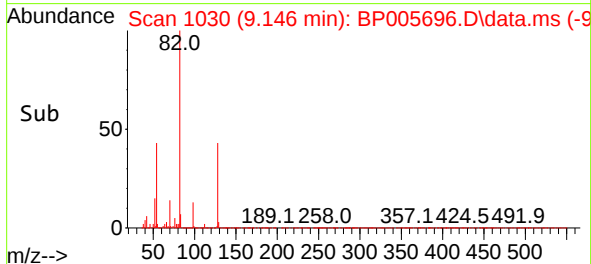
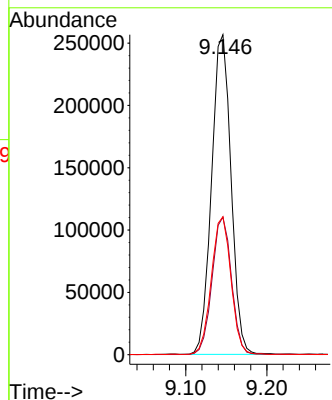
Instrument :
BNA_P
ClientSampled :
18-B2(2-4)



Tgt Ion: 82 Resp: 426274
Ion Ratio Lower Upper
82 100
128 43.0 30.5 45.7
54 43.1 33.9 50.9

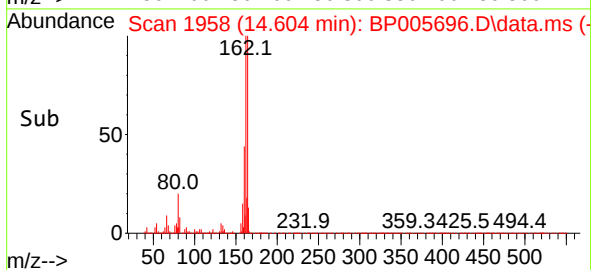
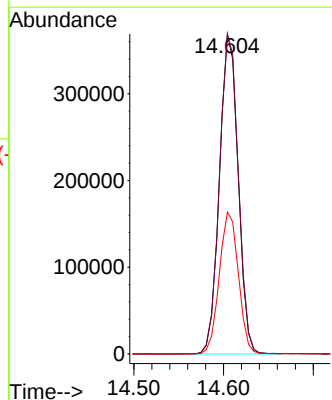
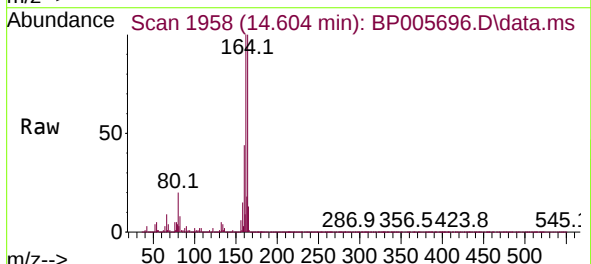
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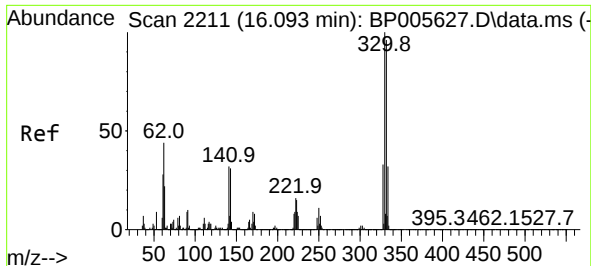
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP005696.D
Acq: 03 Jun 2021 20:22

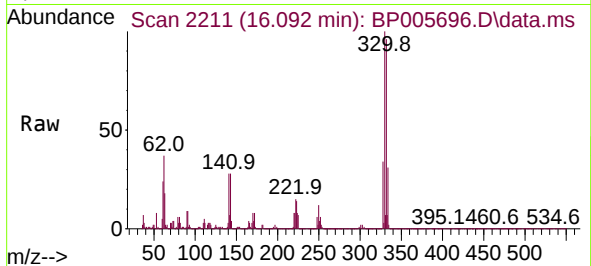
Tgt Ion: 164 Resp: 532244
Ion Ratio Lower Upper
164 100
162 100.1 73.5 110.3
160 44.4 40.6 61.0





#42
2,4,6-Tribromophenol
Concen: 45.48 ng
RT: 16.092 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BP005696.D
Acq: 03 Jun 2021 20:22

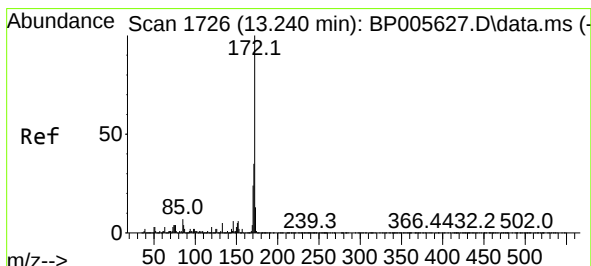
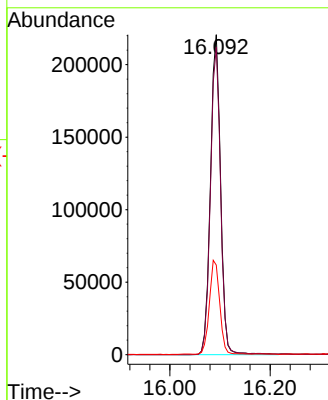
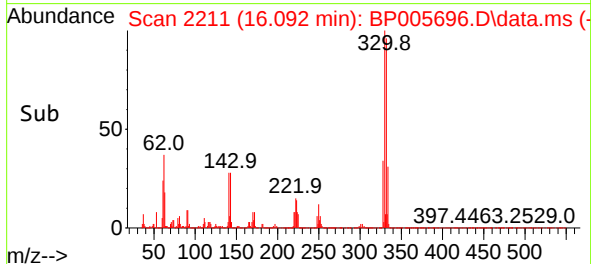
Instrument :
BNA_P
ClientSampleId :
18-B2(2-4)



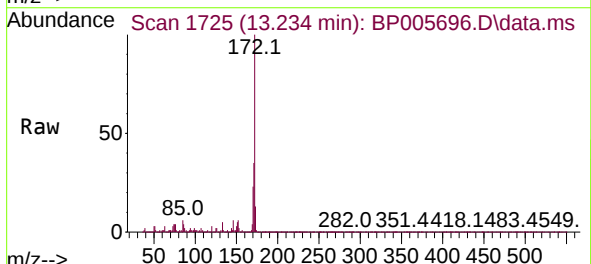
Tgt Ion:330 Resp: 310419
Ion Ratio Lower Upper
330 100
332 95.9 76.3 114.5
141 29.9 22.8 34.2

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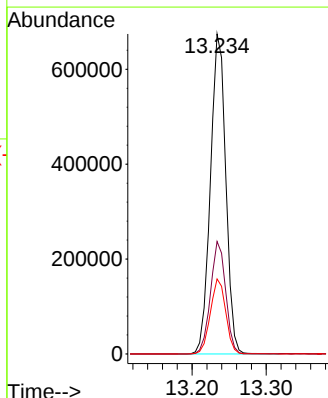
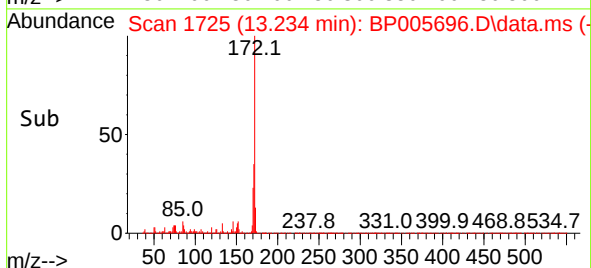
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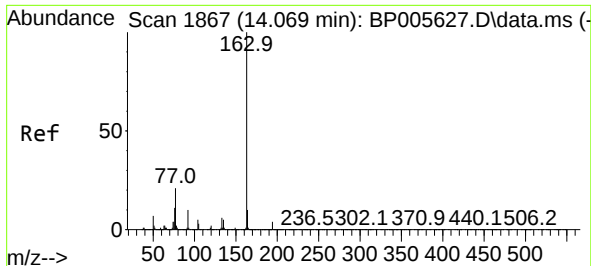


#45
2-Fluorobiphenyl
Concen: 24.13 ng
RT: 13.234 min Scan# 1725
Delta R.T. -0.006 min
Lab File: BP005696.D
Acq: 03 Jun 2021 20:22



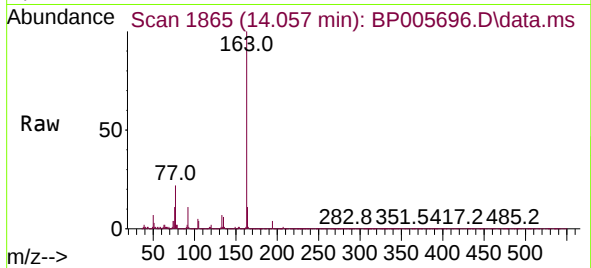
Tgt Ion:172 Resp: 970334
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.5 19.6 29.4





#50
Dimethylphthalate
Concen: 2.98 ng
RT: 14.057 min Scan# 1865
Delta R.T. -0.012 min
Lab File: BP005696.D
Acq: 03 Jun 2021 20:22

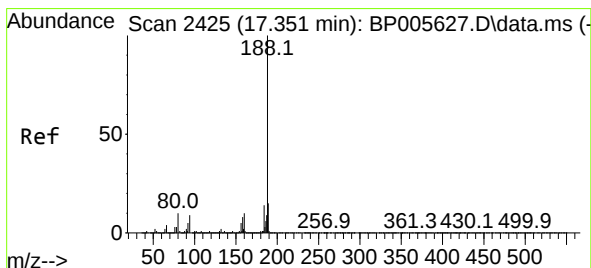
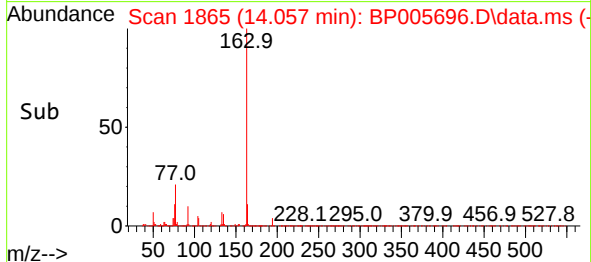
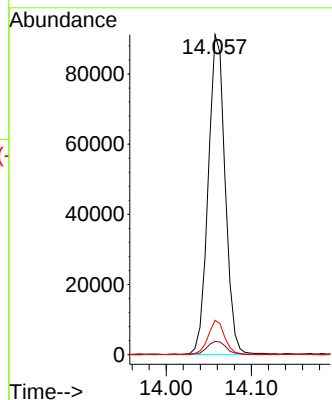
Instrument :
BNA_P
ClientSampleId :
18-B2(2-4)



Tgt Ion:163 Resp: 126079
Ion Ratio Lower Upper
163 100
194 4.2 3.9 5.9
164 10.7 8.1 12.1

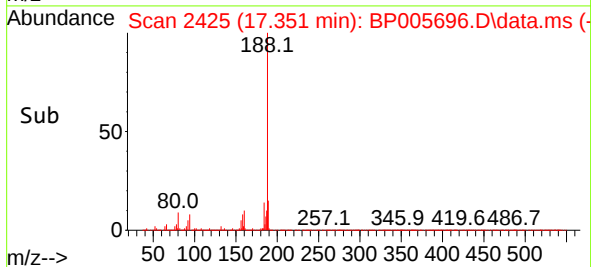
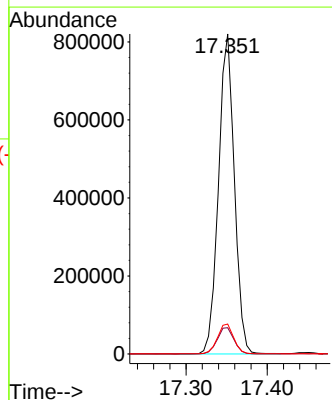
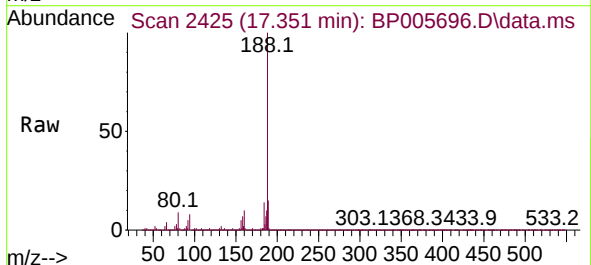
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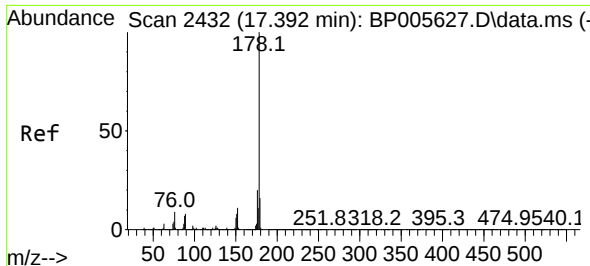
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP005696.D
Acq: 03 Jun 2021 20:22

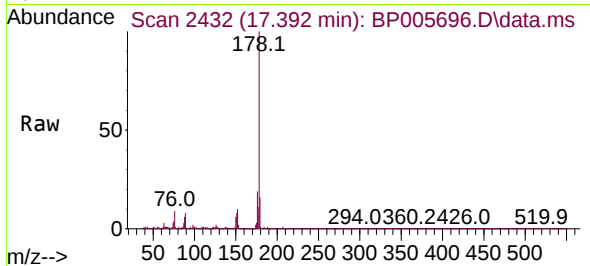
Tgt Ion:188 Resp: 1115372
Ion Ratio Lower Upper
188 100
94 8.2 5.0 7.6#
80 9.4 5.9 8.9#





#71
Phenanthrene
Concen: 5.58 ng
RT: 17.392 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BP005696.D
Acq: 03 Jun 2021 20:22

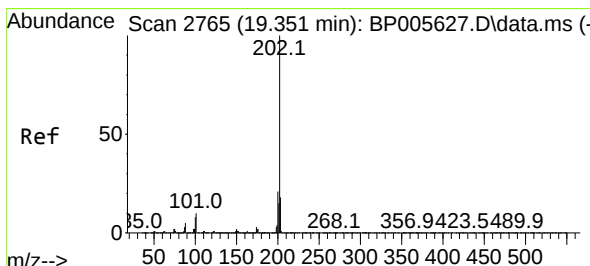
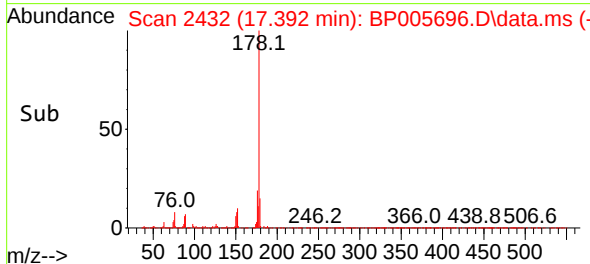
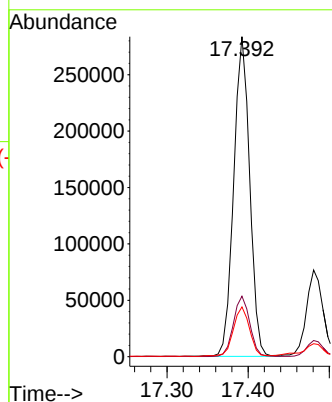
Instrument :
BNA_P
ClientSampled :
18-B2(2-4)



Tgt Ion:178 Resp: 387494
Ion Ratio Lower Upper
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176 18.9 15.4 23.2
179 15.6 12.3 18.5

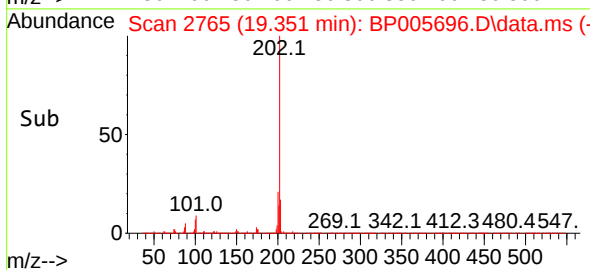
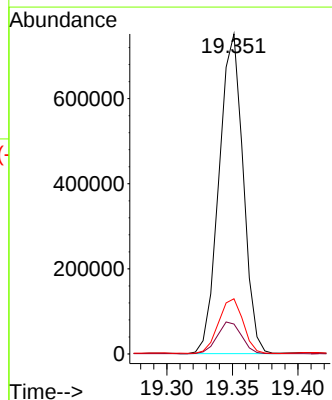
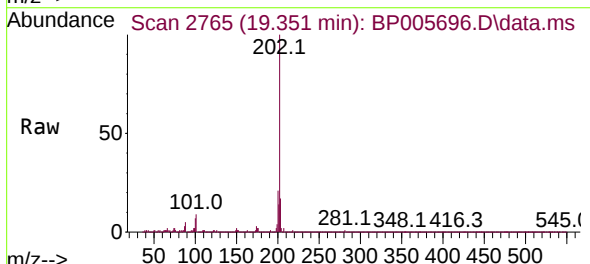
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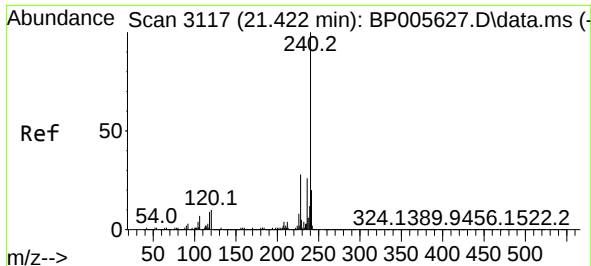
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#75
Fluoranthene
Concen: 11.49 ng
RT: 19.351 min Scan# 2765
Delta R.T. -0.000 min
Lab File: BP005696.D
Acq: 03 Jun 2021 20:22

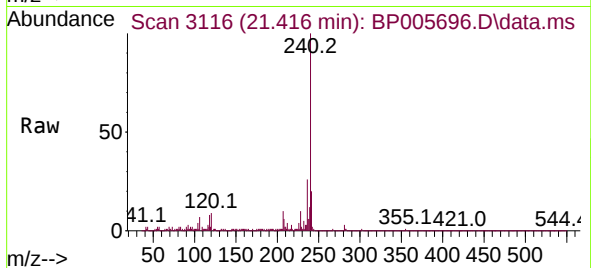
Tgt Ion:202 Resp: 958588
Ion Ratio Lower Upper
202 100
101 9.4 0.0 26.1
203 17.2 0.0 37.2





#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.416 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP005696.D
Acq: 03 Jun 2021 20:22

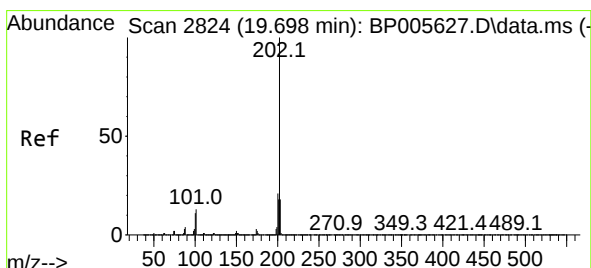
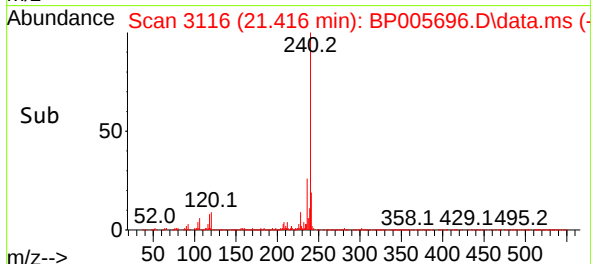
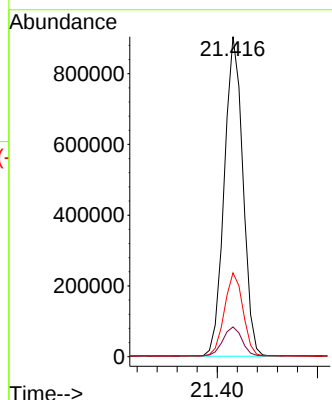
Instrument :
BNA_P
ClientSampled :
18-B2(2-4)



Tgt Ion:240 Resp: 1163810
Ion Ratio Lower Upper
240 100
120 9.3 4.2 6.2#
236 26.2 20.2 30.2

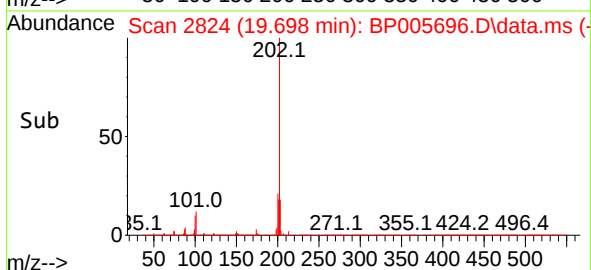
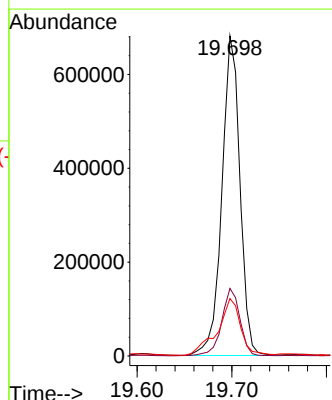
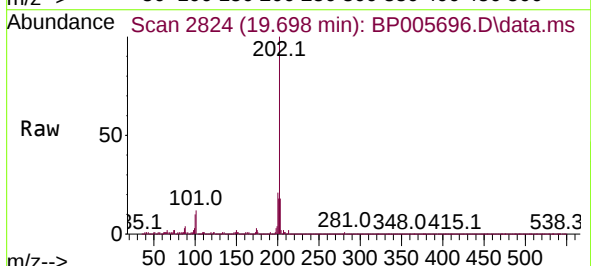
Manual Integrations
APPROVED

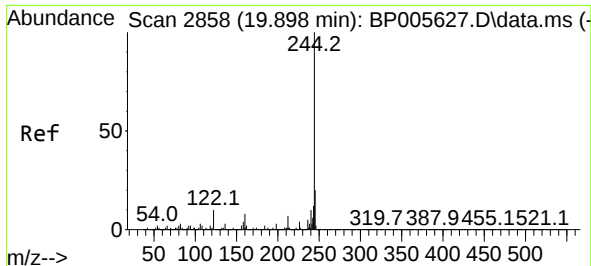
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#78
Pyrene
Concen: 10.99 ng
RT: 19.698 min Scan# 2824
Delta R.T. -0.000 min
Lab File: BP005696.D
Acq: 03 Jun 2021 20:22

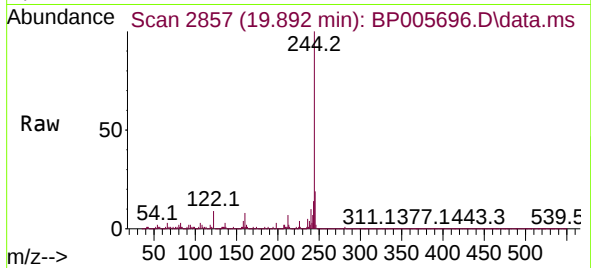
Tgt Ion:202 Resp: 902360
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.9 13.8 20.6





#79
 Terphenyl-d14
 Concen: 24.28 ng
 RT: 19.892 min Scan# 2857
 Delta R.T. -0.006 min
 Lab File: BP005696.D
 Acq: 03 Jun 2021 20:22

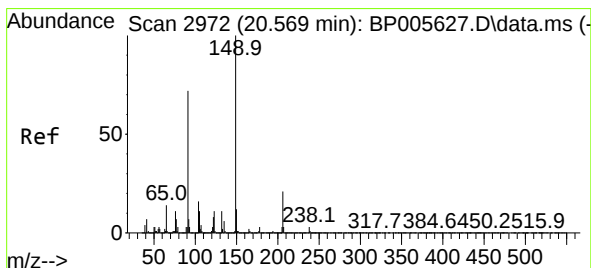
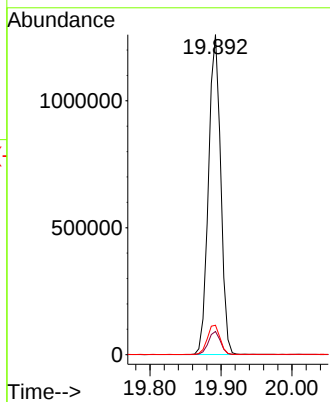
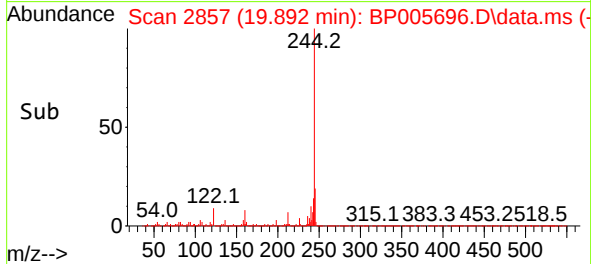
Instrument :
 BNA_P
 ClientSampleId :
 18-B2(2-4)



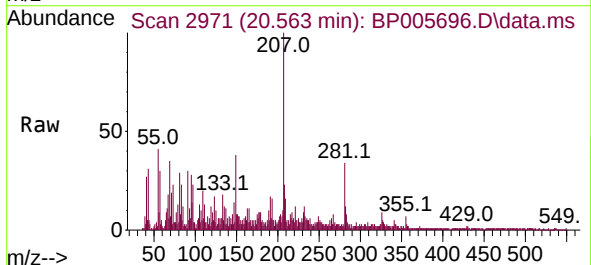
Tgt Ion:244 Resp: 1506158
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 9.2 5.2 7.8#

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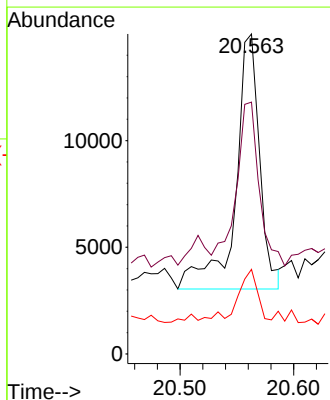
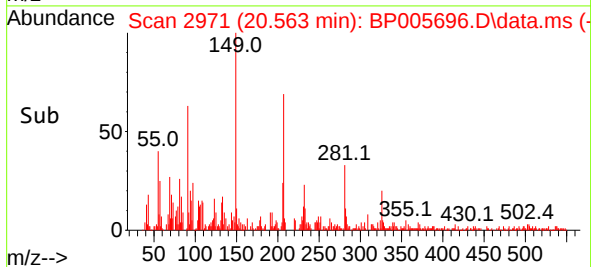
mohammad
 6/4/2021 9:34:50 AM

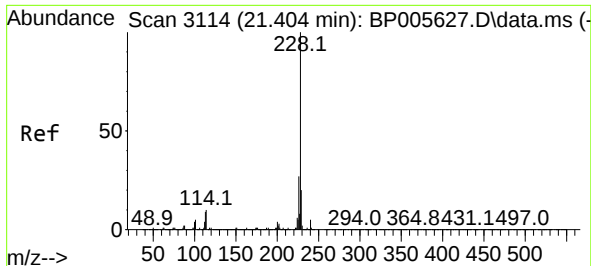


#80
 Butylbenzylphthalate
 Concen: 4.62 ng
 RT: 20.563 min Scan# 2971
 Delta R.T. -0.006 min
 Lab File: BP005696.D
 Acq: 03 Jun 2021 20:22



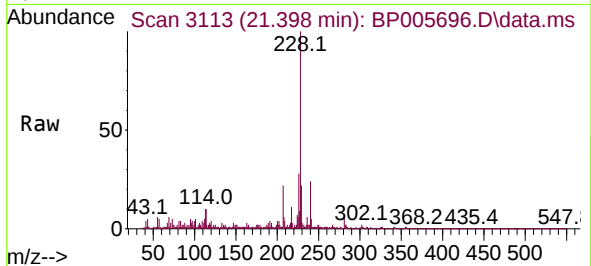
Tgt Ion:149 Resp: 17735
 Ion Ratio Lower Upper
 149 100
 91 78.7 60.2 90.4
 206 26.4 23.9 35.9





#81
Benzo(a)anthracene
Concen: 6.21 ng
RT: 21.398 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP005696.D
Acq: 03 Jun 2021 20:22

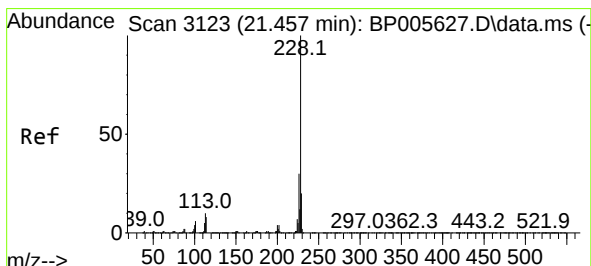
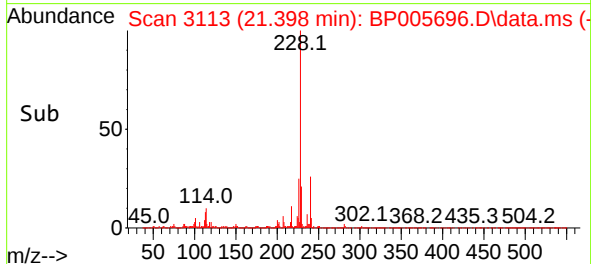
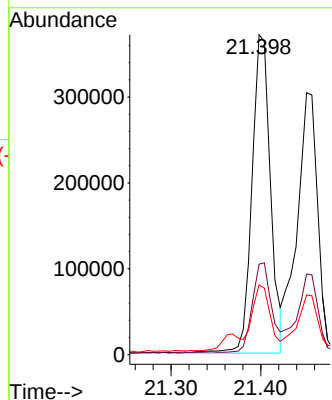
Instrument :
BNA_P
ClientSampled :
18-B2(2-4)



Tgt Ion:228 Resp: 530786
Ion Ratio Lower Upper
228 100
226 28.3 21.2 31.8
229 21.8 15.6 23.4

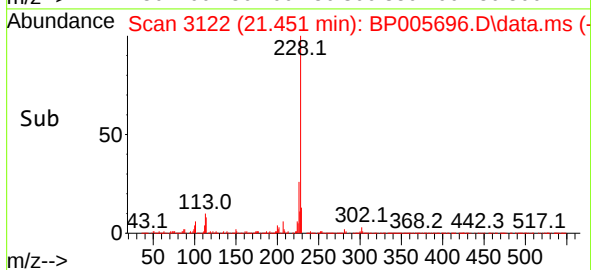
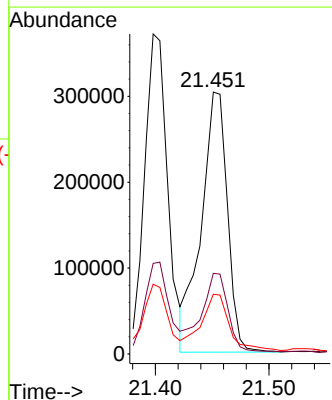
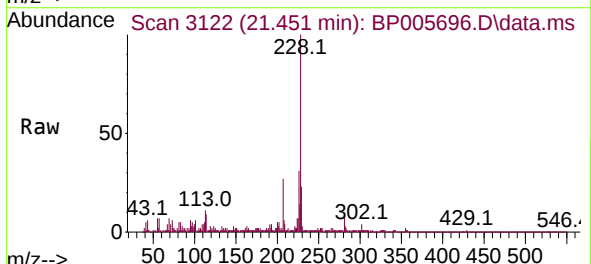
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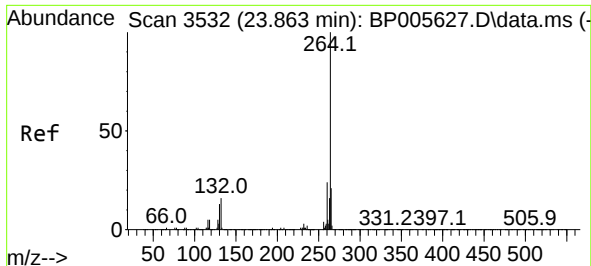
mohammad
6/4/2021 9:34:50 AM



#83
Chrysene
Concen: 5.88 ng
RT: 21.451 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BP005696.D
Acq: 03 Jun 2021 20:22

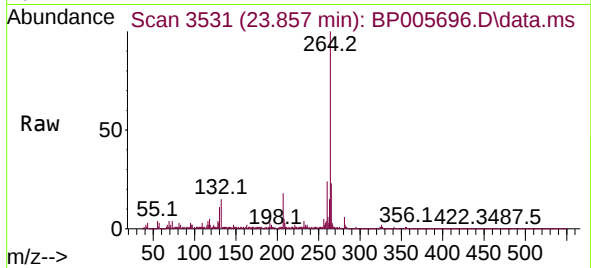
Tgt Ion:228 Resp: 486425
Ion Ratio Lower Upper
228 100
226 30.8 24.8 37.2
229 22.8 15.4 23.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.857 min Scan# 3531
Delta R.T. -0.006 min
Lab File: BP005696.D
Acq: 03 Jun 2021 20:22

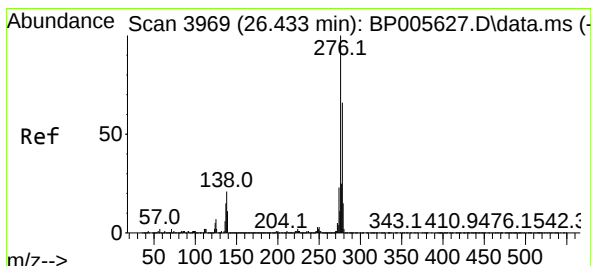
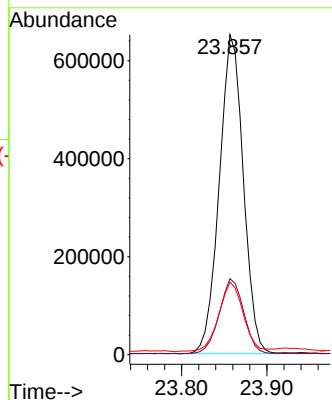
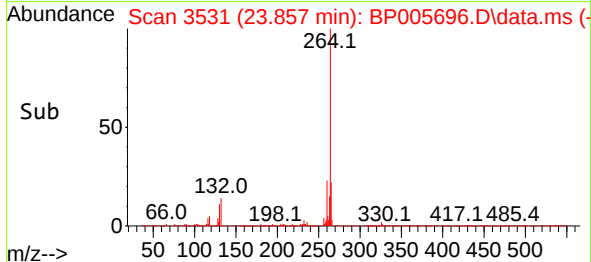
Instrument :
BNA_P
ClientSampled :
18-B2(2-4)



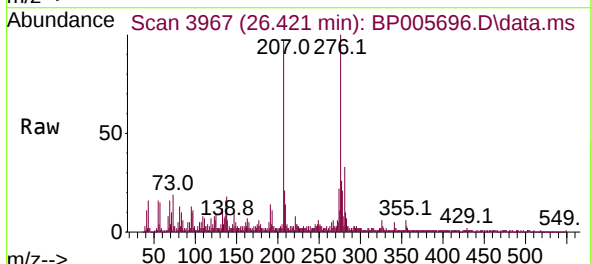
Tgt Ion:264 Resp: 1277253
Ion Ratio Lower Upper
264 100
260 23.7 20.6 30.8
265 22.7 19.0 28.6

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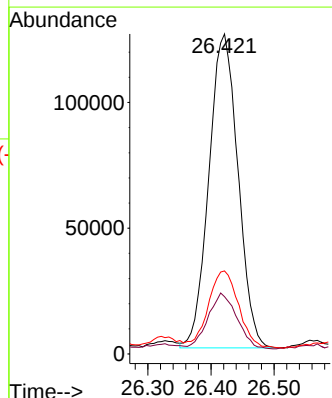
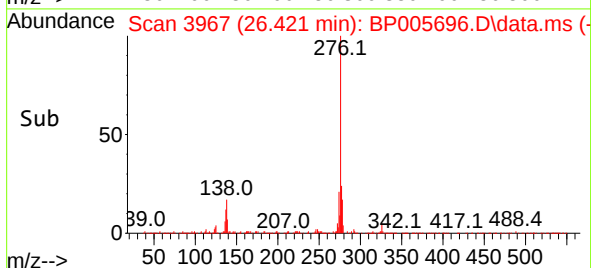
mohammad
6/4/2021 9:34:50 AM

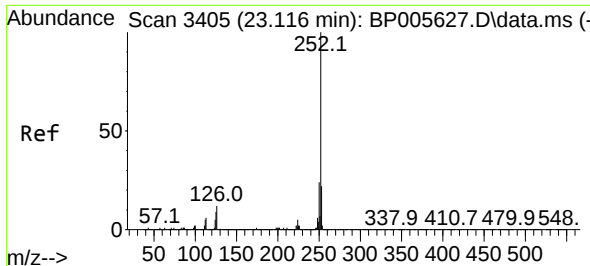


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.68 ng
RT: 26.421 min Scan# 3967
Delta R.T. -0.012 min
Lab File: BP005696.D
Acq: 03 Jun 2021 20:22



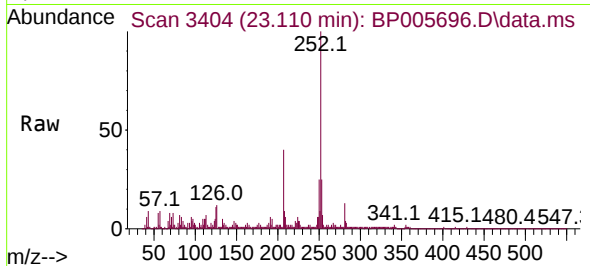
Tgt Ion:276 Resp: 399866
Ion Ratio Lower Upper
276 100
138 17.8 8.4 12.6#
277 25.2 20.6 31.0





#88
Benzo(b)fluoranthene
Concen: 7.61 ng
RT: 23.110 min Scan# 3404
Delta R.T. -0.006 min
Lab File: BP005696.D
Acq: 03 Jun 2021 20:22

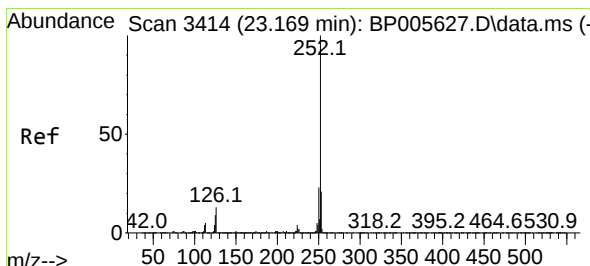
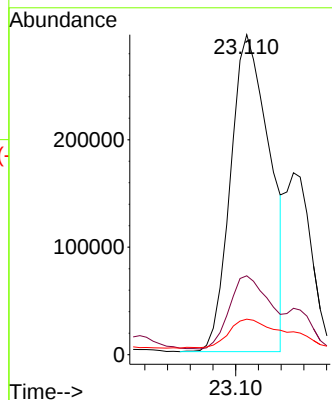
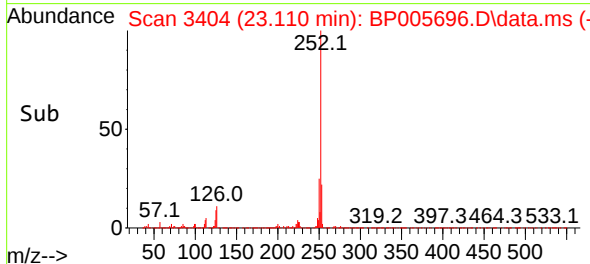
Instrument :
BNA_P
ClientSampled :
18-B2(2-4)



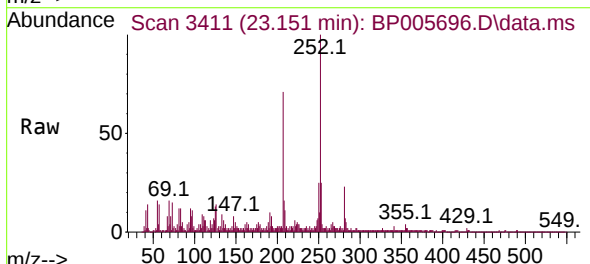
Tgt Ion:252 Resp: 704996
Ion Ratio Lower Upper
252 100
253 24.6 18.2 27.2
125 11.1 3.4 5.0#

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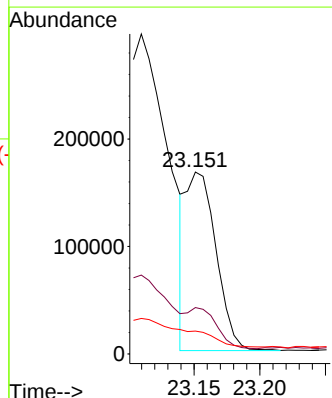
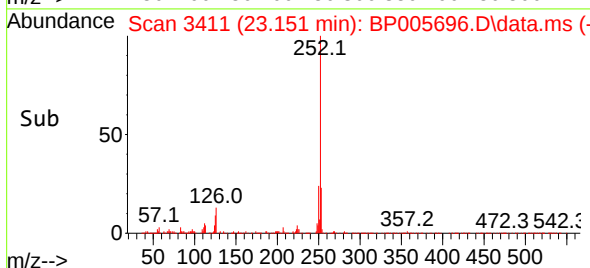
mohammad
6/4/2021 9:34:50 AM

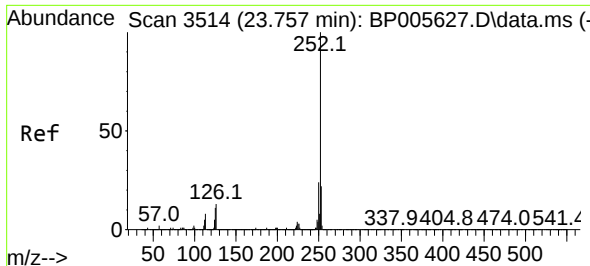


#89
Benzo(k)fluoranthene
Concen: 3.00 ng m
RT: 23.151 min Scan# 3411
Delta R.T. -0.018 min
Lab File: BP005696.D
Acq: 03 Jun 2021 20:22



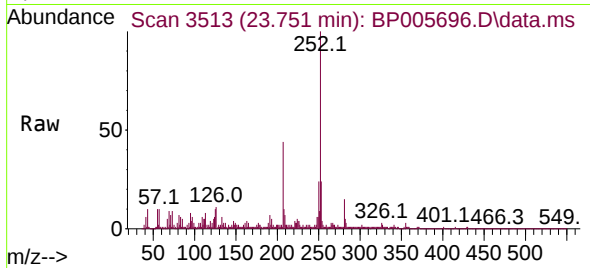
Tgt Ion:252 Resp: 263353
Ion Ratio Lower Upper
252 100
253 25.5 17.2 25.8
125 12.6 3.8 5.6#





#90
Benzo(a)pyrene
Concen: 6.42 ng
RT: 23.751 min Scan# 3513
Delta R.T. -0.006 min
Lab File: BP005696.D
Acq: 03 Jun 2021 20:22

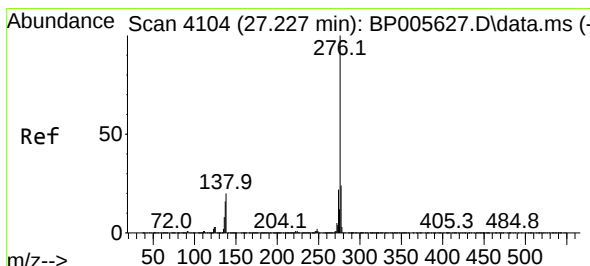
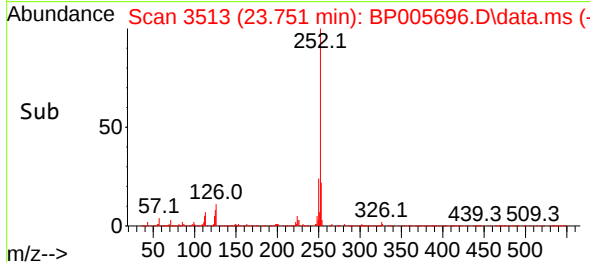
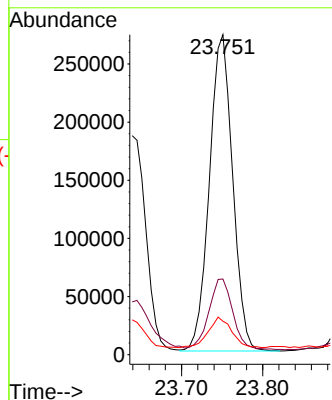
Instrument :
BNA_P
ClientSampled :
18-B2(2-4)



Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	10.5	3.8	5.6#

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#92
Benzo(g,h,i)perylene
Concen: 4.39 ng
RT: 27.215 min Scan# 4102
Delta R.T. -0.012 min
Lab File: BP005696.D
Acq: 03 Jun 2021 20:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.8	29.8
138	23.9	7.7	11.5#

