

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
 Data File : BP008672.D
 Acq On : 04 Jan 2022 20:59
 Operator : CG/JU
 Sample : M5337-09 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-1

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/05/2022
 Supervised By : Jagrut Upadhyay 01/05/2022

Quant Time: Jan 05 04:27:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 30 08:44:33 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	908614	20.000	ng	-0.01
21) Naphthalene-d8	10.687	136	3313662	20.000	ng	-0.01
39) Acenaphthene-d10	14.516	164	1858745	20.000	ng	-0.01
64) Phenanthrene-d10	17.263	188	3266894	20.000	ng	-0.01
76) Chrysene-d12	21.345	240	2948004	20.000	ng	-0.02
86) Perylene-d12	23.763	264	3413818	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.464	112	2424830	48.711	ng	0.00
7) Phenol-d6	7.052	99	2896370	41.801	ng	0.00
23) Nitrobenzene-d5	9.040	82	1785966	32.063	ng	-0.02
42) 2,4,6-Tribromophenol	16.004	330	1074627	42.732	ng	-0.01
45) 2-Fluorobiphenyl	13.140	172	4428674	34.520	ng	-0.02
79) Terphenyl-d14	19.822	244	4637892	32.122	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.304	178	1279470	7.264	ng	98
75) Fluoranthene	19.269	202	1641765	8.104	ng	98
78) Pyrene	19.622	202	1649418	8.600	ng	97
81) Benzo(a)anthracene	21.328	228	853961	4.465	ng	99
83) Chrysene	21.380	228	832636	4.656	ng	97
87) Indeno(1,2,3-cd)pyrene	26.280	276	635835	2.773	ng	96
88) Benzo(b)fluoranthene	23.033	252	1045653m	4.763	ng	
90) Benzo(a)pyrene	23.651	252	814715	4.603	ng	98
92) Benzo(g,h,i)perylene	27.051	276	700526	3.873	ng #	94

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

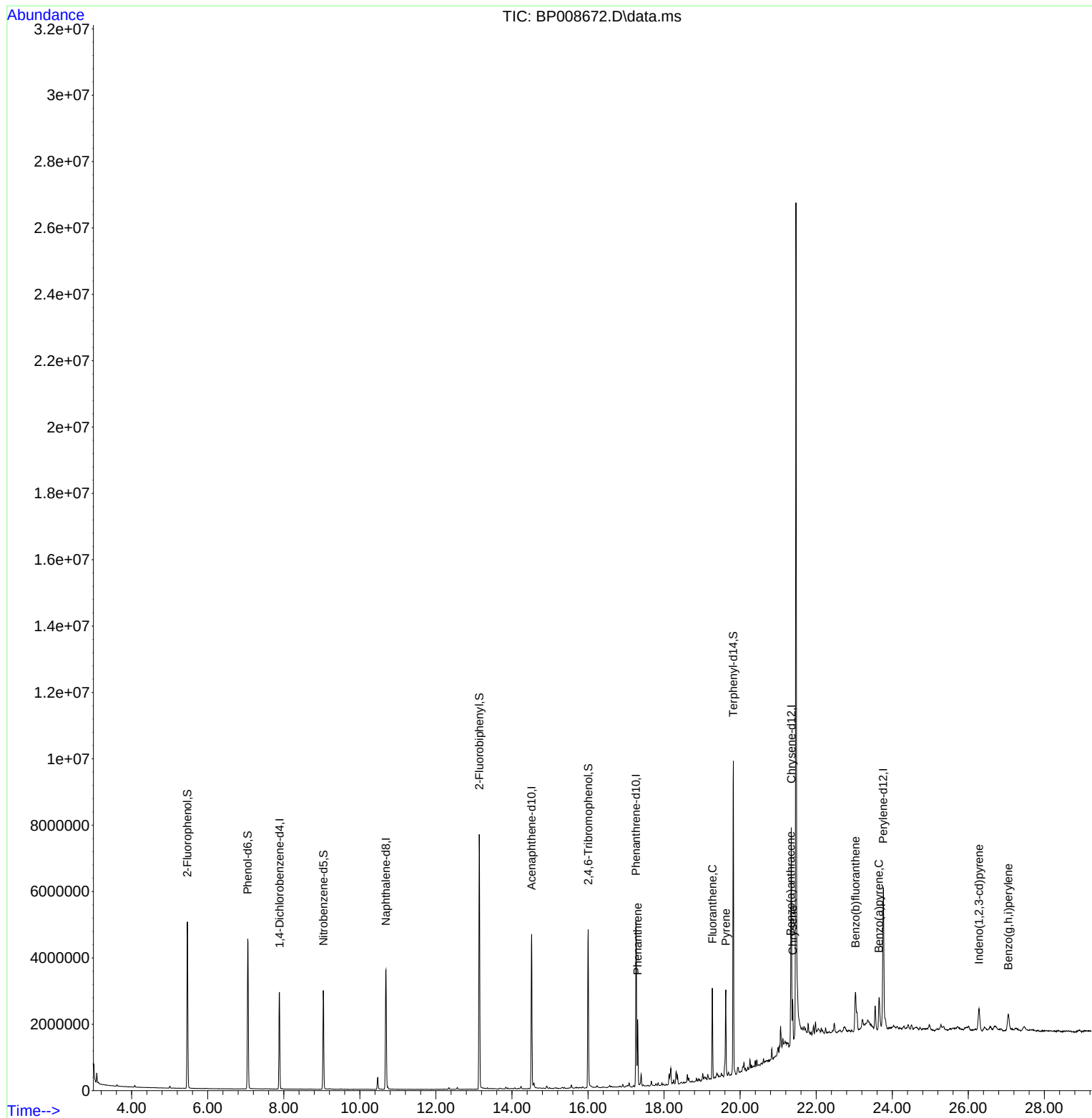
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
Data File : BP008672.D
Acq On : 04 Jan 2022 20:59
Operator : CG/JU
Sample : M5337-09 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

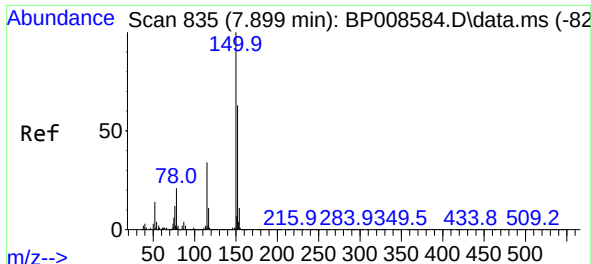
Instrument :
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WC-1

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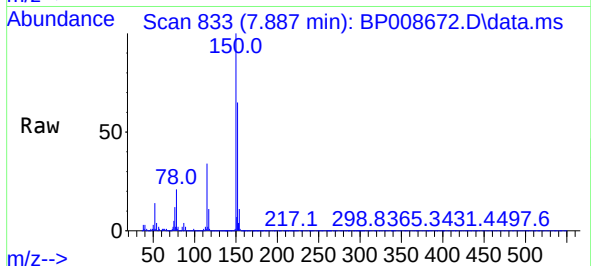
Quant Time: Jan 05 04:27:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 30 08:44:33 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.887 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP008672.D
Acq: 04 Jan 2022 20:59

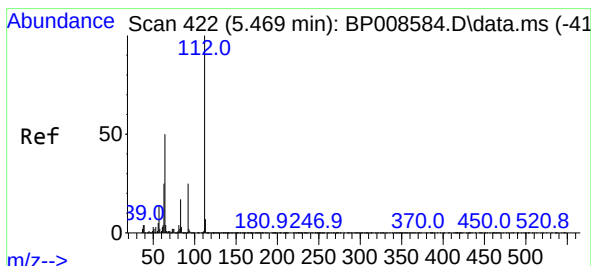
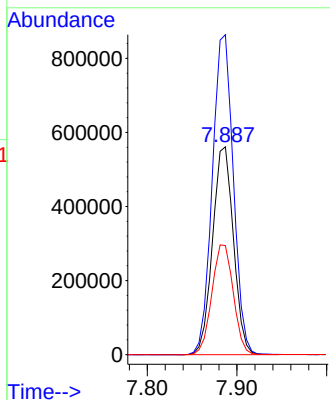
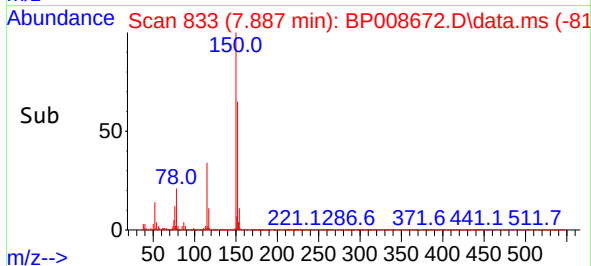
Instrument :
BNA_P
ClientSampleId :
WC-1



Tgt Ion:152 Resp: 908614
Ion Ratio Lower Upper
152 100
150 154.0 127.0 190.6
115 52.5 43.7 65.5

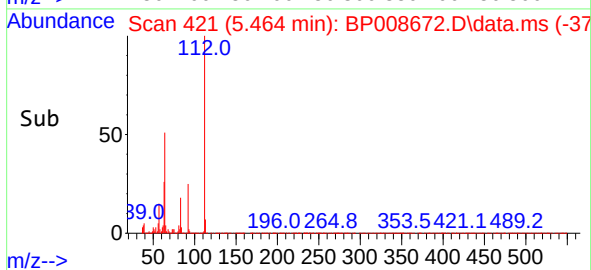
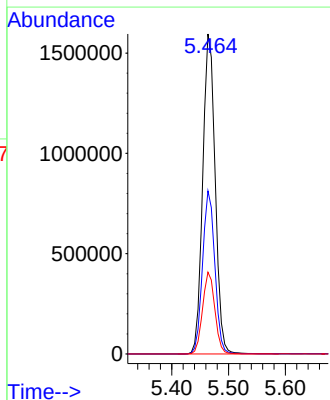
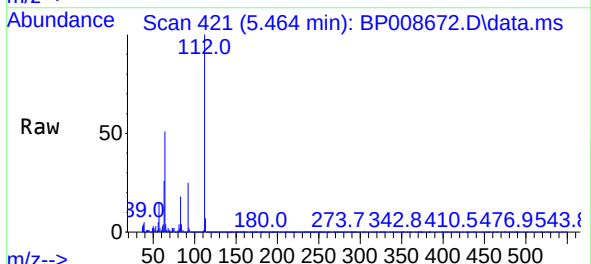
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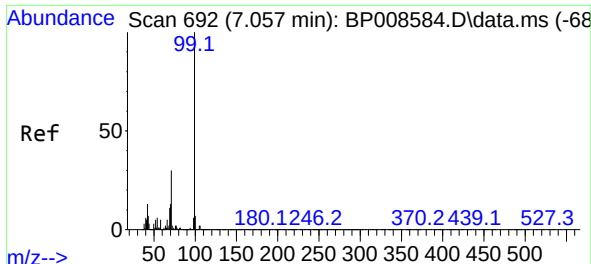
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#5
2-Fluorophenol
Concen: 48.711 ng
RT: 5.464 min Scan# 421
Delta R.T. -0.006 min
Lab File: BP008672.D
Acq: 04 Jan 2022 20:59

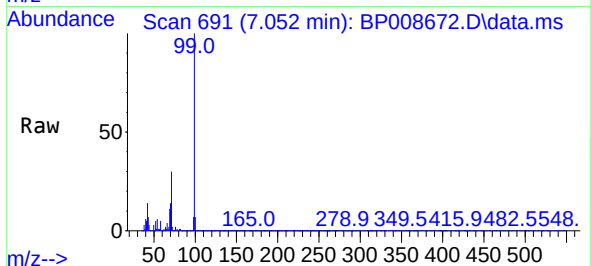
Tgt Ion:112 Resp: 2424830
Ion Ratio Lower Upper
112 100
64 51.0 39.7 59.5
63 25.5 20.0 30.0





#7
Phenol-d6
Concen: 41.801 ng
RT: 7.052 min Scan# 64
Delta R.T. -0.006 min
Lab File: BP008672.D
Acq: 04 Jan 2022 20:59

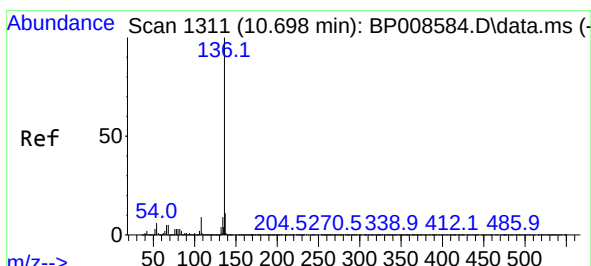
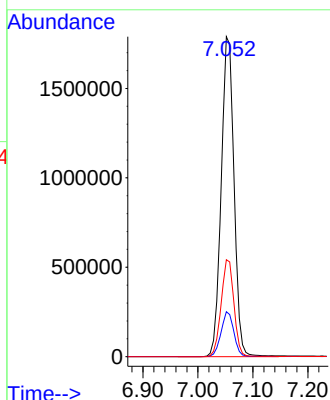
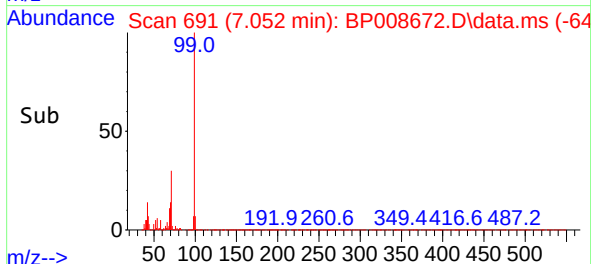
Instrument :
BNA_P
ClientSampleId :
WC-1



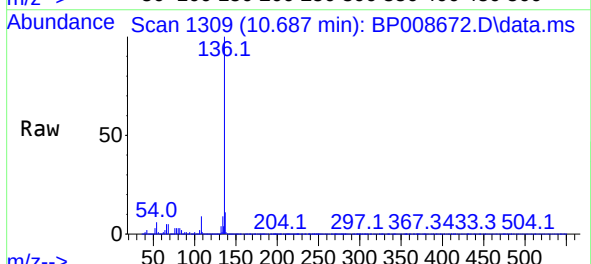
Tgt Ion: 99 Resp: 2896370
Ion Ratio Lower Upper
99 100
42 14.0 10.8 16.2
71 30.3 23.8 35.6

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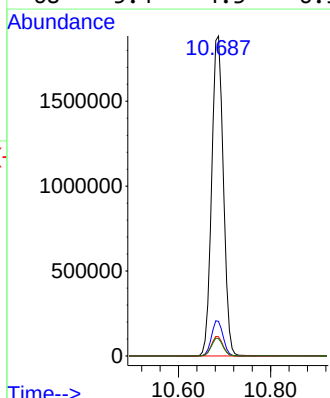
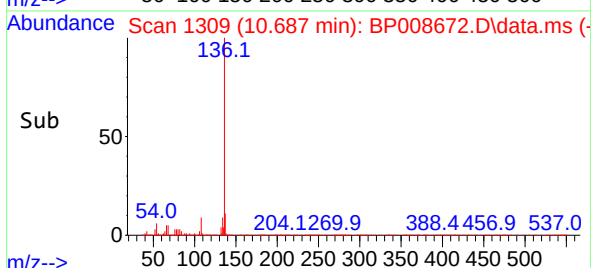
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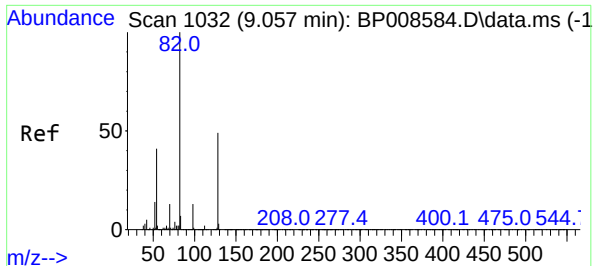


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.687 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BP008672.D
Acq: 04 Jan 2022 20:59



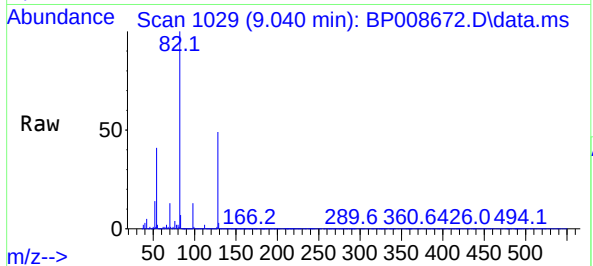
Tgt Ion:136 Resp: 3313662
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 6.0 4.9 7.3
68 5.4 4.3 6.5





#23
Nitrobenzene-d5
Concen: 32.063 ng
RT: 9.040 min Scan# 1032
Delta R.T. -0.017 min
Lab File: BP008672.D
Acq: 04 Jan 2022 20:59

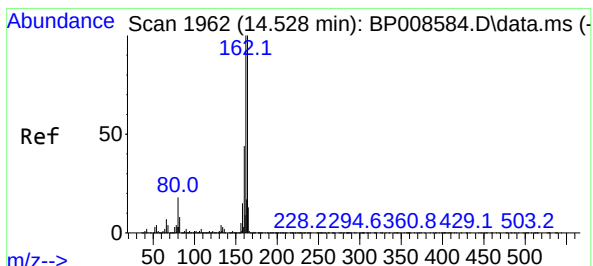
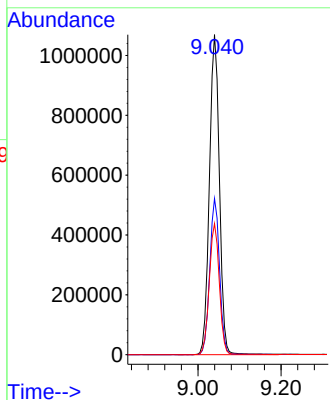
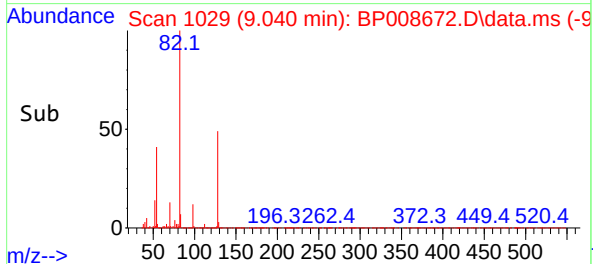
Instrument :
BNA_P
ClientSampleId :
WC-1



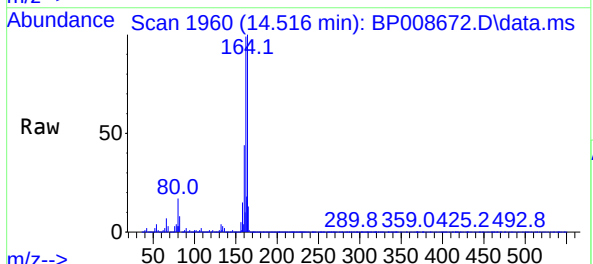
Tgt Ion: 82 Resp: 1785960
Ion Ratio Lower Upper
82 100
128 48.8 39.4 59.2
54 40.9 32.6 48.8

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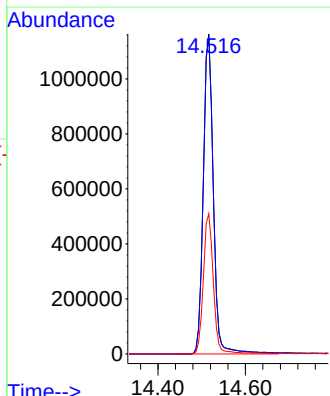
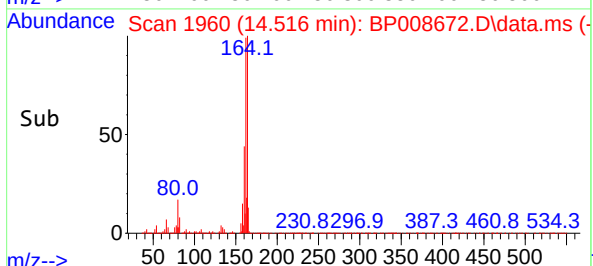
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

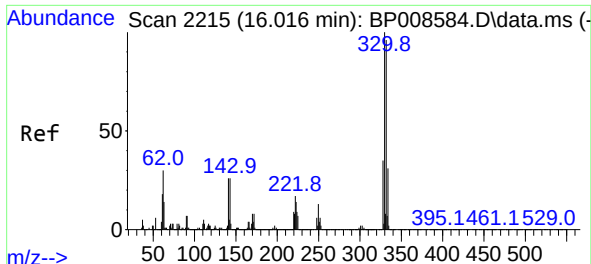


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.516 min Scan# 1960
Delta R.T. -0.012 min
Lab File: BP008672.D
Acq: 04 Jan 2022 20:59



Tgt Ion:164 Resp: 1858745
Ion Ratio Lower Upper
164 100
162 99.5 79.9 119.9
160 43.8 35.5 53.3





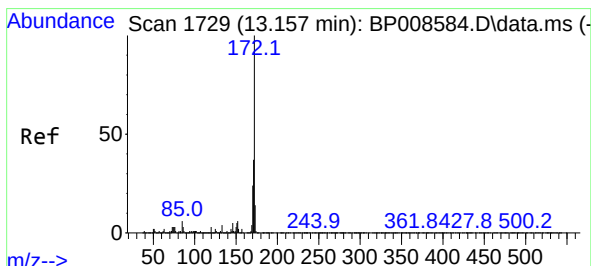
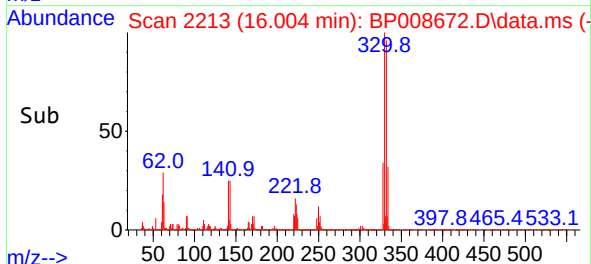
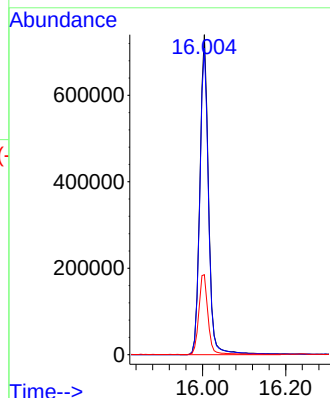
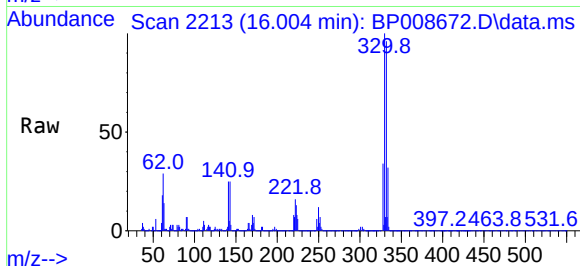
#42
2,4,6-Tribromophenol
Concen: 42.732 ng
RT: 16.004 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP008672.D
Acq: 04 Jan 2022 20:59

Instrument :
BNA_P
ClientSampleId :
WC-1

Tgt Ion:330 Resp: 107462
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.4
141 26.2 21.3 31.9

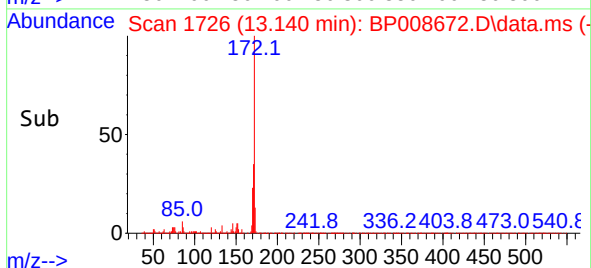
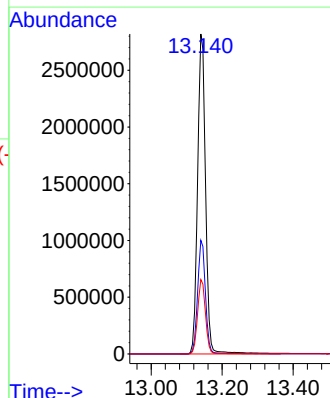
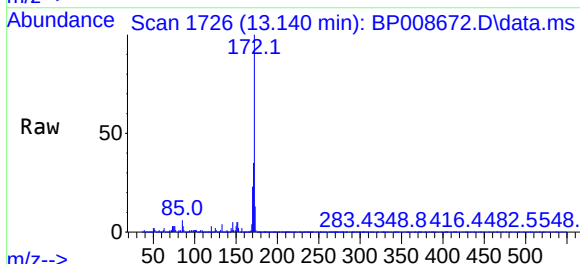
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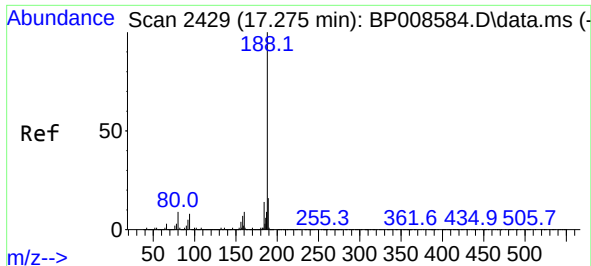
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#45
2-Fluorobiphenyl
Concen: 34.520 ng
RT: 13.140 min Scan# 1726
Delta R.T. -0.017 min
Lab File: BP008672.D
Acq: 04 Jan 2022 20:59

Tgt Ion:172 Resp: 4428674
Ion Ratio Lower Upper
172 100
171 35.5 29.3 43.9
170 23.3 19.5 29.3





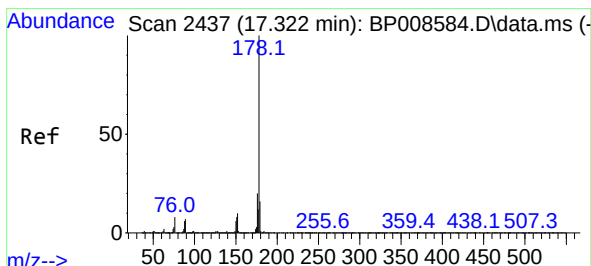
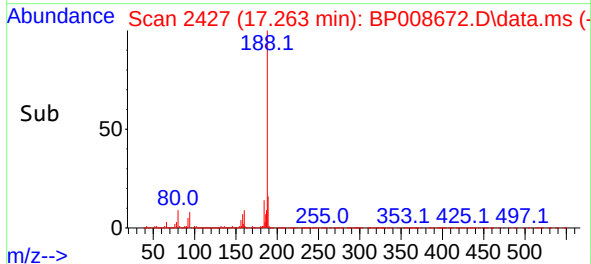
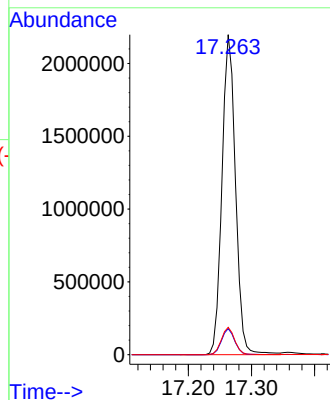
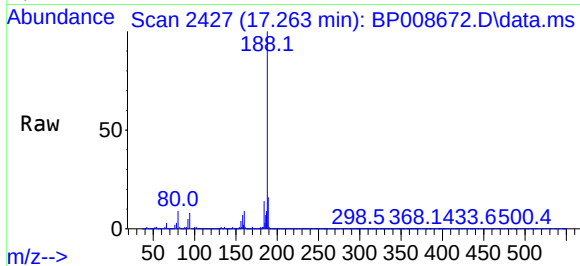
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2427
Delta R.T. -0.012 min
Lab File: BP008672.D
Acq: 04 Jan 2022 20:59

Instrument :
BNA_P
ClientSampleId :
WC-1

Tgt Ion:188 Resp: 3266894
Ion Ratio Lower Upper
188 100
94 8.1 6.8 10.2
80 8.6 7.2 10.8

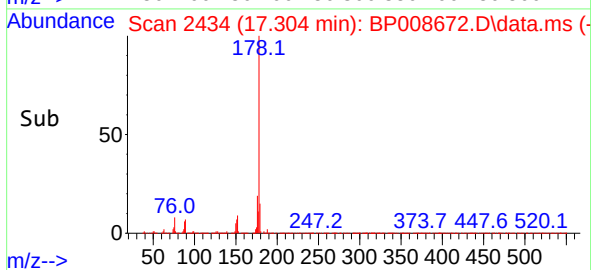
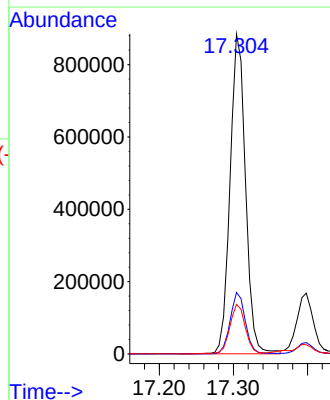
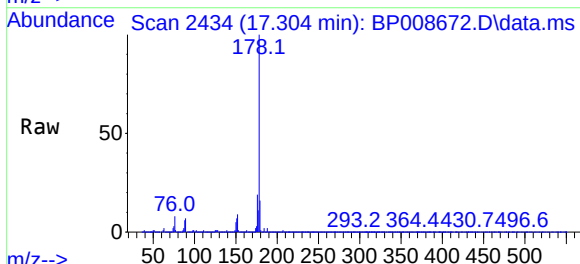
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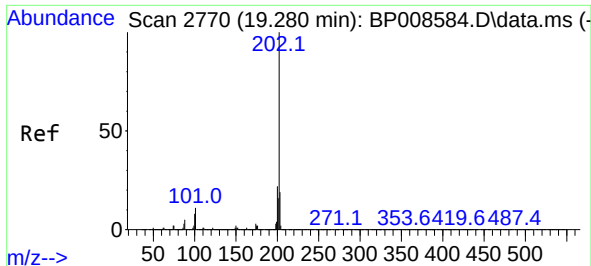
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#71
Phenanthrene
Concen: 7.264 ng
RT: 17.304 min Scan# 2434
Delta R.T. -0.017 min
Lab File: BP008672.D
Acq: 04 Jan 2022 20:59

Tgt Ion:178 Resp: 1279470
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 15.5 13.0 19.4





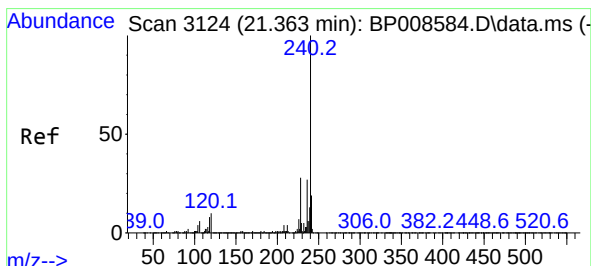
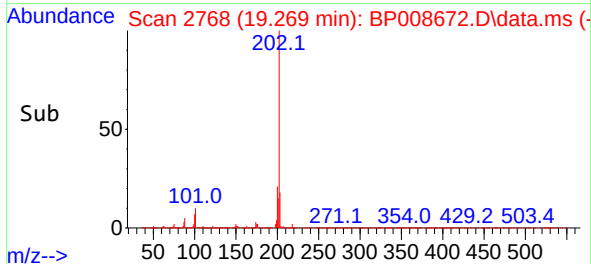
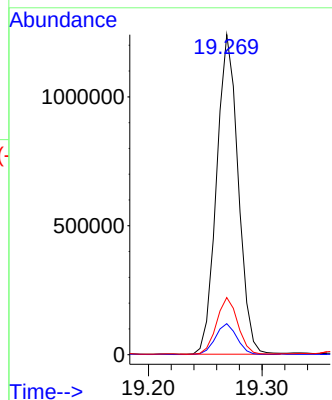
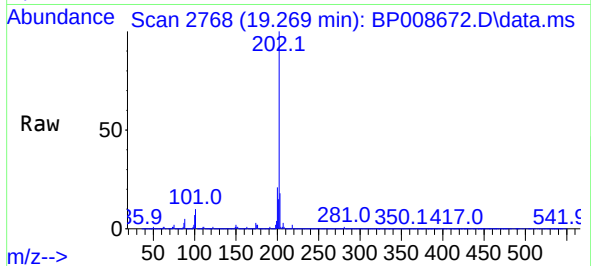
#75
Fluoranthene
Concen: 8.104 ng
RT: 19.269 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP008672.D
Acq: 04 Jan 2022 20:59

Instrument :
BNA_P
ClientSampleId :
WC-1

Tgt Ion:202 Resp: 164176
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.7
203 17.8 0.0 38.9

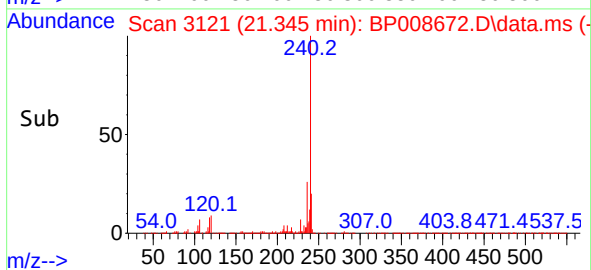
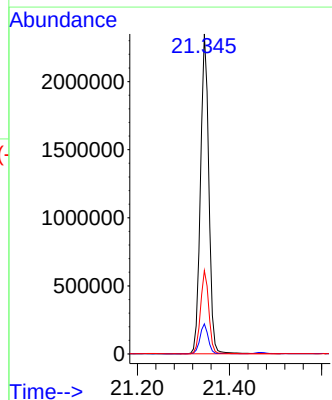
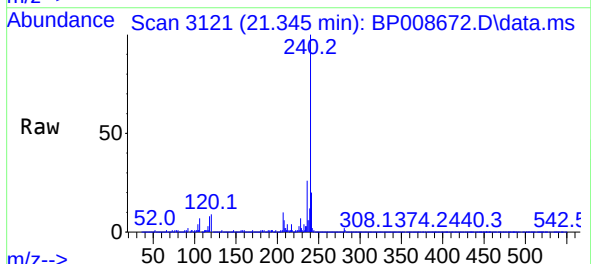
Manual Integrations
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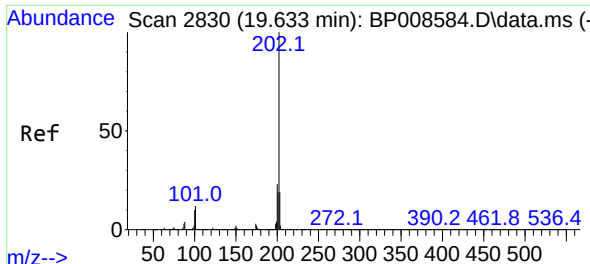
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3121
Delta R.T. -0.018 min
Lab File: BP008672.D
Acq: 04 Jan 2022 20:59

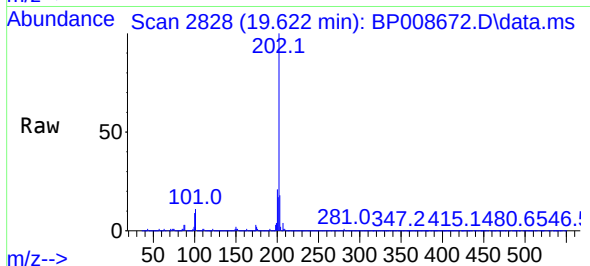
Tgt Ion:240 Resp: 2948004
Ion Ratio Lower Upper
240 100
120 9.4 7.7 11.5
236 26.0 21.2 31.8





#78
Pyrene
Concen: 8.600 ng
RT: 19.622 min Scan# 2830
Delta R.T. -0.012 min
Lab File: BP008672.D
Acq: 04 Jan 2022 20:59

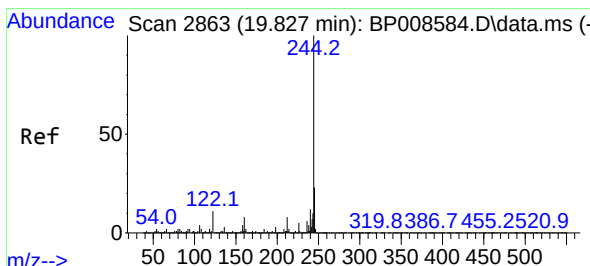
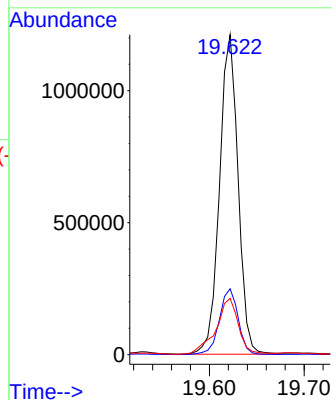
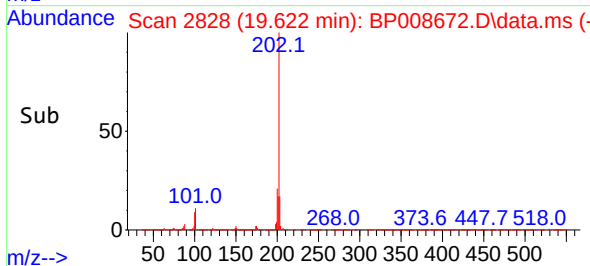
Instrument : BNA_P
ClientSampleId : WC-1



Tgt Ion:202 Resp: 1649418
Ion Ratio Lower Upper
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200 20.6 18.0 27.0
203 17.6 15.0 22.6

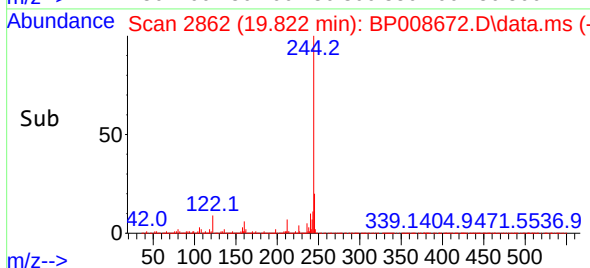
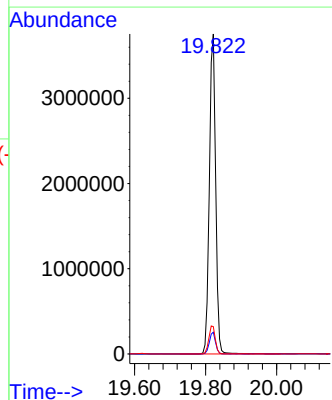
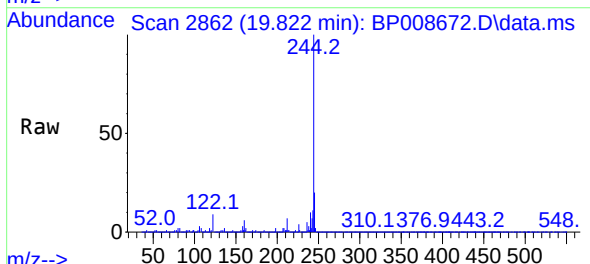
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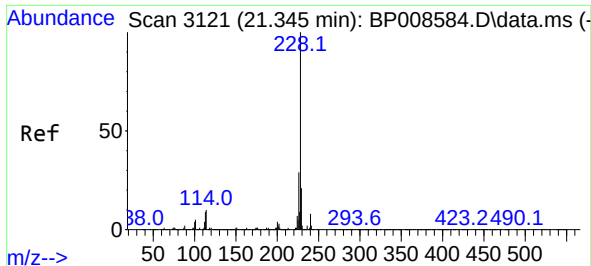
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#79
Terphenyl-d14
Concen: 32.122 ng
RT: 19.822 min Scan# 2862
Delta R.T. -0.005 min
Lab File: BP008672.D
Acq: 04 Jan 2022 20:59

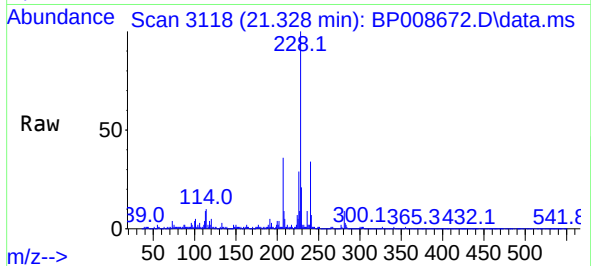
Tgt Ion:244 Resp: 4637892
Ion Ratio Lower Upper
244 100
212 6.8 6.5 9.7
122 8.5 9.2 13.8





#81
Benzo(a)anthracene
Concen: 4.465 ng
RT: 21.328 min Scan# 3118
Delta R.T. -0.017 min
Lab File: BP008672.D
Acq: 04 Jan 2022 20:59

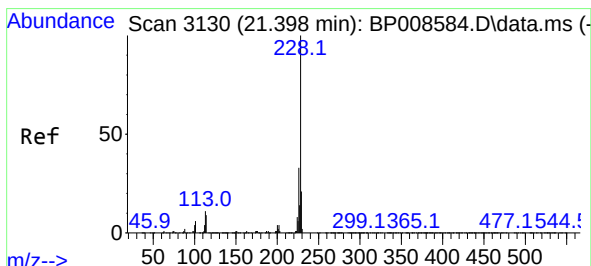
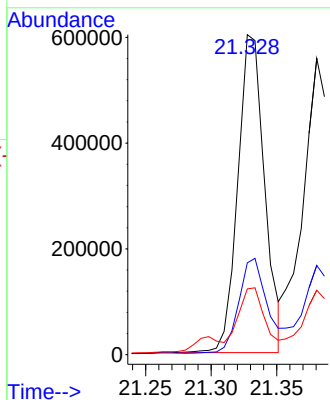
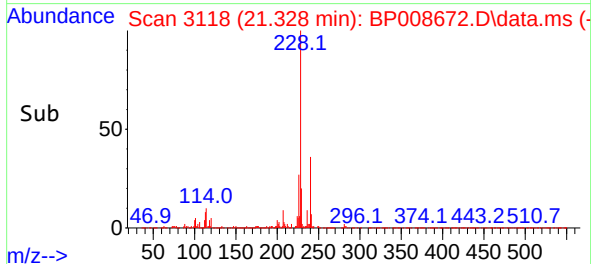
Instrument :
BNA_P
ClientSampleId :
WC-1



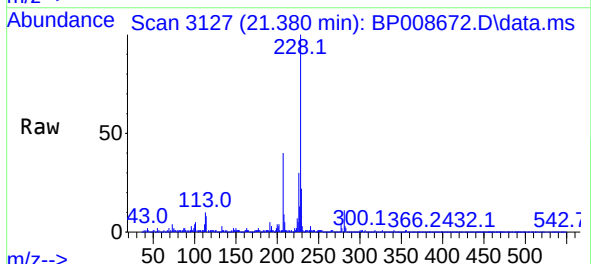
Tgt Ion:228 Resp: 85396
Ion Ratio Lower Upper
228 100
226 28.7 23.3 34.9
229 20.5 17.0 25.6

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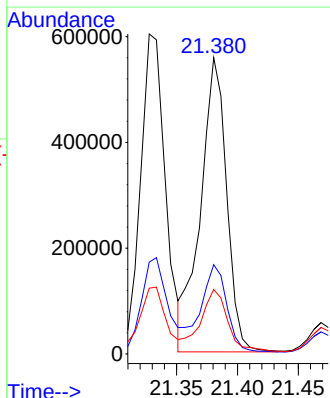
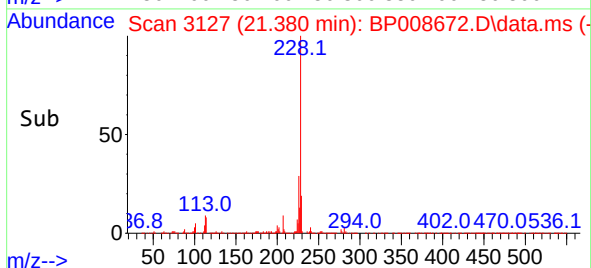
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

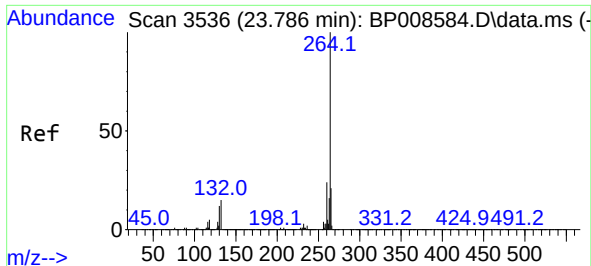


#83
Chrysene
Concen: 4.656 ng
RT: 21.380 min Scan# 3127
Delta R.T. -0.018 min
Lab File: BP008672.D
Acq: 04 Jan 2022 20:59



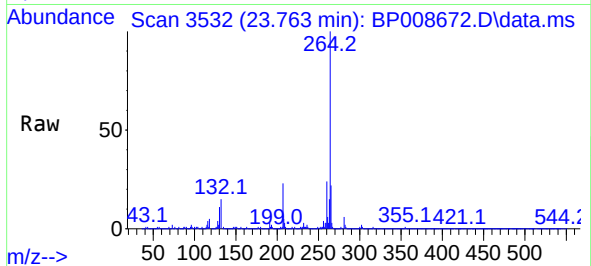
Tgt Ion:228 Resp: 832636
Ion Ratio Lower Upper
228 100
226 30.1 26.0 39.0
229 21.8 16.9 25.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.763 min Scan# 31
Delta R.T. -0.023 min
Lab File: BP008672.D
Acq: 04 Jan 2022 20:59

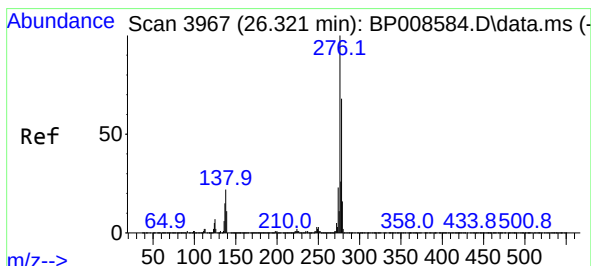
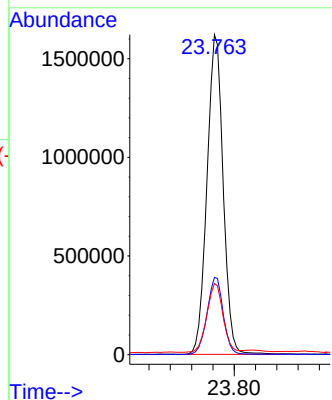
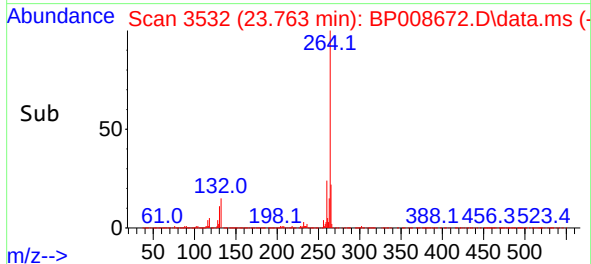
Instrument :
BNA_P
ClientSampleId :
WC-1



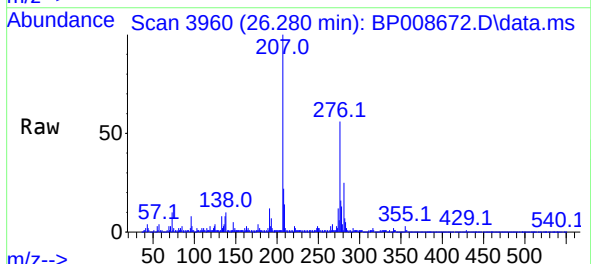
Tgt Ion:264 Resp: 3413818
Ion Ratio Lower Upper
264 100
260 24.2 19.1 28.7
265 22.2 17.1 25.7

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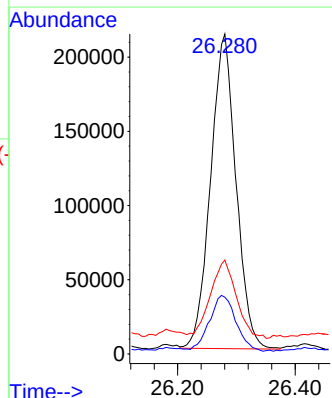
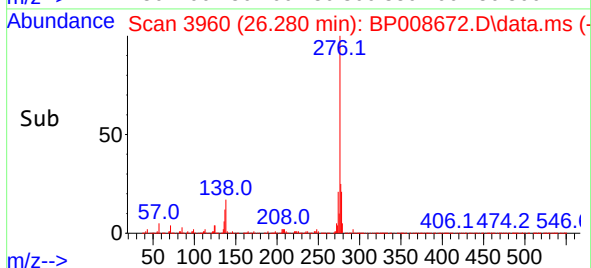
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

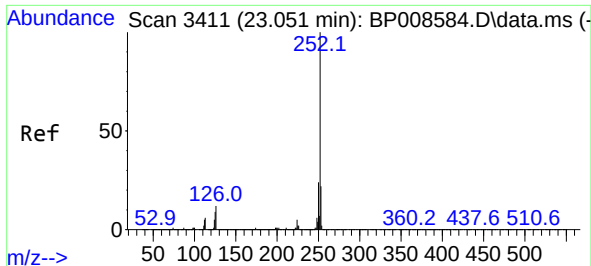


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.773 ng
RT: 26.280 min Scan# 3960
Delta R.T. -0.041 min
Lab File: BP008672.D
Acq: 04 Jan 2022 20:59



Tgt Ion:276 Resp: 635835
Ion Ratio Lower Upper
276 100
138 18.6 17.8 26.6
277 25.7 20.4 30.6





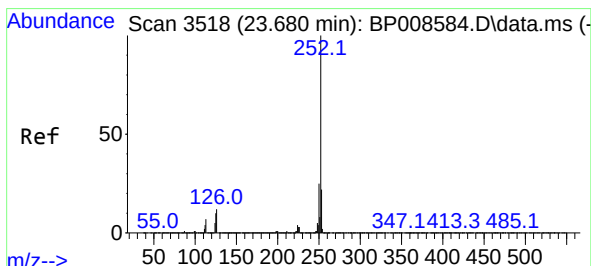
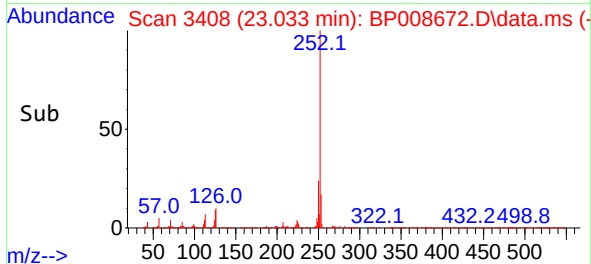
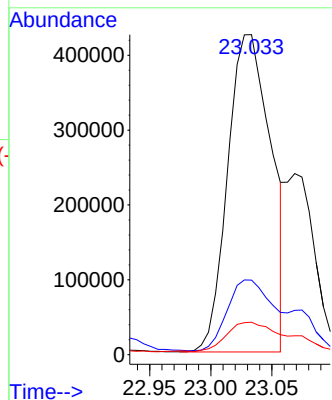
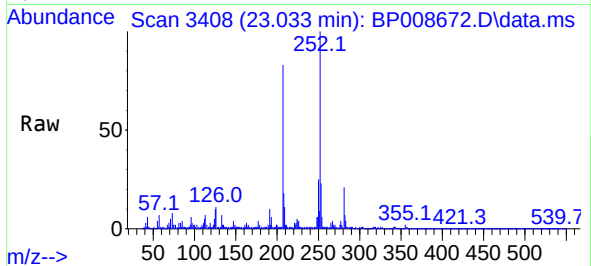
#88
Benzo(b)fluoranthene
Concen: 4.763 ng m
RT: 23.033 min Scan# 3411
Delta R.T. -0.017 min
Lab File: BP008672.D
Acq: 04 Jan 2022 20:59

Instrument :
BNA_P
ClientSampleId :
WC-1

Tgt Ion:252 Resp: 104565
Ion Ratio Lower Upper
252 100
253 23.3 18.0 27.0
125 10.2 6.9 10.3

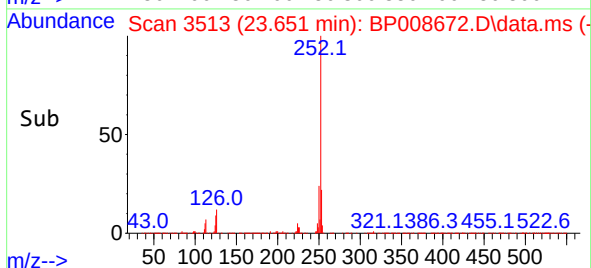
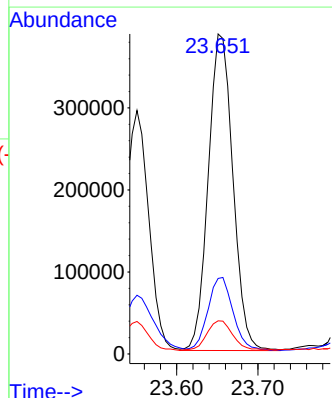
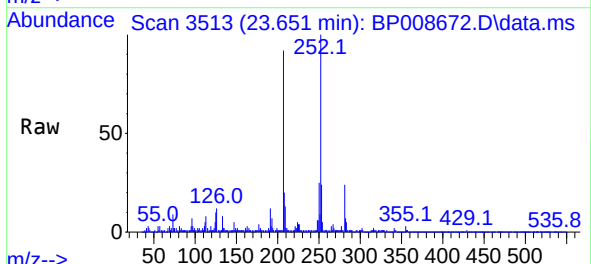
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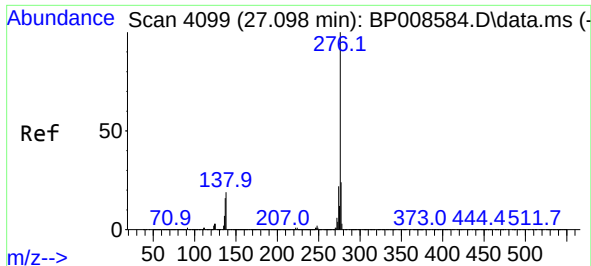
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#90
Benzo(a)pyrene
Concen: 4.603 ng
RT: 23.651 min Scan# 3513
Delta R.T. -0.029 min
Lab File: BP008672.D
Acq: 04 Jan 2022 20:59

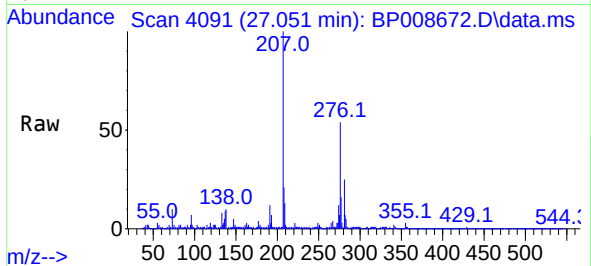
Tgt Ion:252 Resp: 814715
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.8
125 10.4 7.8 11.6





#92
Benzo(g,h,i)perylene
Concen: 3.873 ng
RT: 27.051 min Scan# 4091
Delta R.T. -0.047 min
Lab File: BP008672.D
Acq: 04 Jan 2022 20:59

Instrument :
BNA_P
ClientSampleId :
WC-1



Tgt Ion: 276 Resp: 700520
Ion Ratio Lower Upper
276 100
277 28.9 19.2 28.8
138 18.1 15.0 22.4

Manual Integrations
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Reviewed By : Christian Giraldo 01/05/2022
Supervised By : Jagrut Upadhyay 01/05/2022

