

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
 Data File : BP009623.D
 Acq On : 30 Mar 2022 17:40
 Operator : CG/JU
 Sample : N2095-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-08-9.0-10.0

Quant Time: Mar 31 04:40:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 31 04:36:51 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/31/2022
 Supervised By : Jagrut Upadhyay 03/31/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	188996	20.000	ng	0.00
21) Naphthalene-d8	10.528	136	752373	20.000	ng	0.00
39) Acenaphthene-d10	14.387	164	644910	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	993382	20.000	ng	# 0.00
76) Chrysene-d12	21.269	240	1012716	20.000	ng	0.00
86) Perylene-d12	23.645	264	1149680	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1470970	135.887	ng	0.00
7) Phenol-d6	6.928	99	1362895	93.099	ng	0.00
23) Nitrobenzene-d5	8.893	82	851609	60.150	ng	0.00
42) 2,4,6-Tribromophenol	15.887	330	853416	80.192	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	2969418	63.830	ng	0.00
79) Terphenyl-d14	19.733	244	3374890	59.815	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.192	178	486023	9.140	ng	99
75) Fluoranthene	19.181	202	957457	14.873	ng	97
78) Pyrene	19.533	202	929225	13.924	ng	100
81) Benzo(a)anthracene	21.257	228	579335	8.707	ng	96
83) Chrysene	21.304	228	710077	11.271	ng	96
87) Indeno(1,2,3-cd)pyrene	26.121	276	396866	4.550	ng	# 92
88) Benzo(b)fluoranthene	22.927	252	780900	11.378	ng	95
89) Benzo(k)fluoranthene	22.969	252	283292m	4.216	ng	
90) Benzo(a)pyrene	23.545	252	549502	9.358	ng	97
92) Benzo(g,h,i)perylene	26.880	276	393651	5.505	ng	93

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

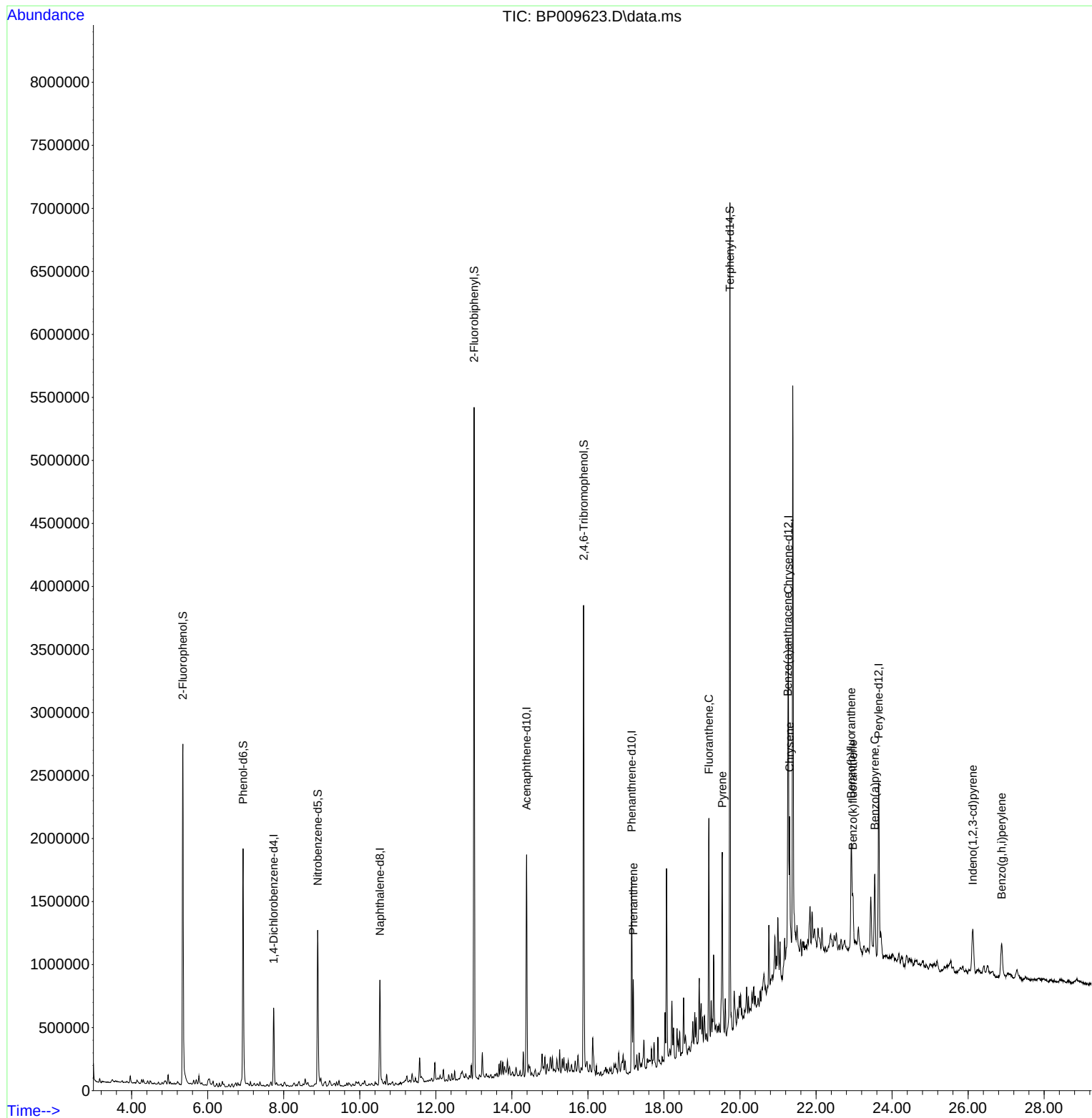
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Data File : BP009623.D
Acq On : 30 Mar 2022 17:40
Operator : CG/JU
Sample : N2095-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

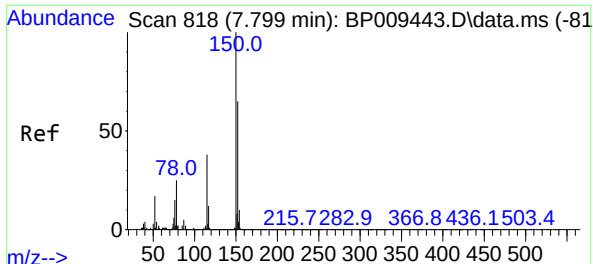
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BNA_P
ClientSampleId :
SB-08-9.0-10.0

Quant Time: Mar 31 04:40:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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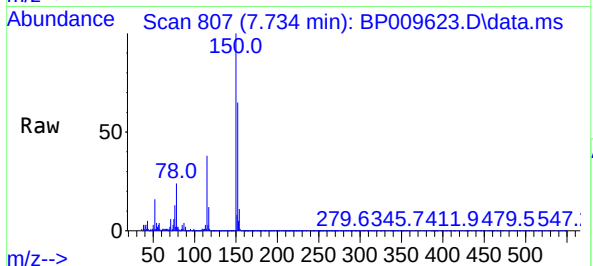
Reviewed By :Christian Giraldo 03/31/2022
Supervised By :Jagrut Upadhyay 03/31/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.734 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP009623.D
Acq: 30 Mar 2022 17:40

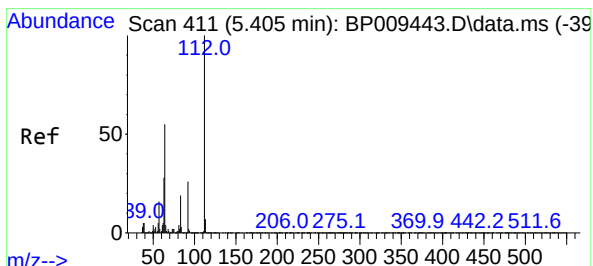
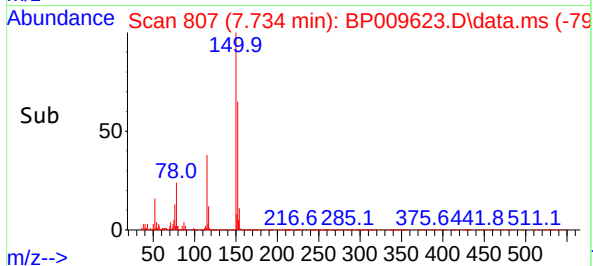
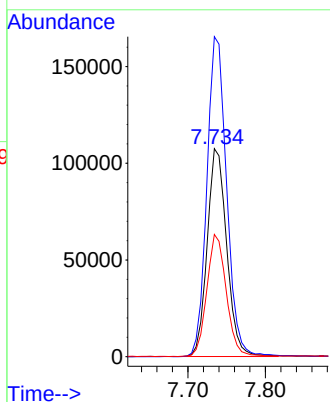
Instrument :
BNA_P
ClientSampleId :
SB-08-9.0-10.0



Tgt Ion:152 Resp: 188990
Ion Ratio Lower Upper
152 100
150 153.9 124.5 186.7
115 58.8 48.2 72.4

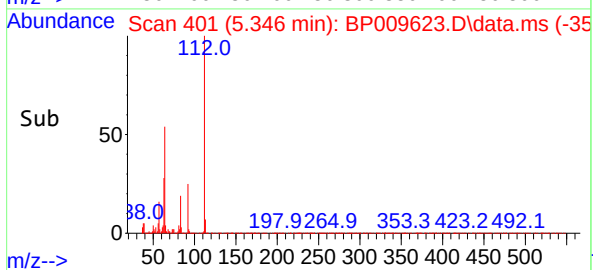
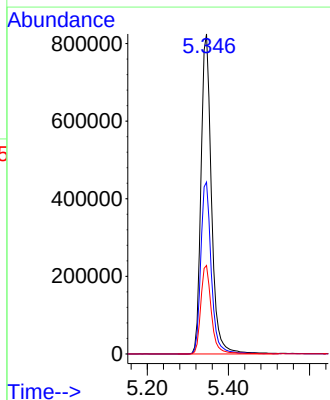
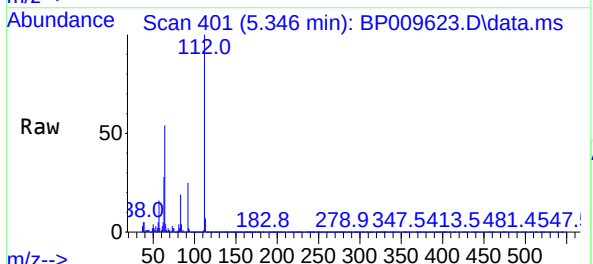
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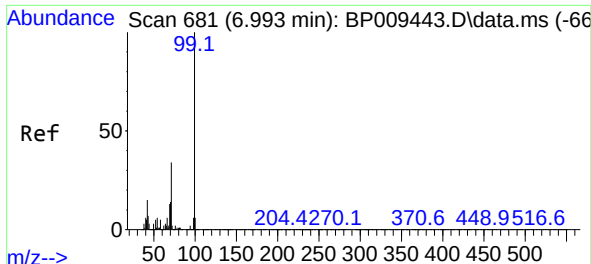
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Supervised By :Jagrut Upadhyay 03/31/2022



#5
2-Fluorophenol
Concen: 135.887 ng
RT: 5.346 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP009623.D
Acq: 30 Mar 2022 17:40

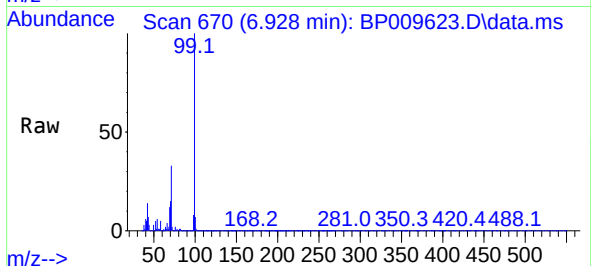
Tgt Ion:112 Resp: 1470970
Ion Ratio Lower Upper
112 100
64 53.7 45.0 67.4
63 27.6 23.0 34.6





#7
Phenol-d6
Concen: 93.099 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009623.D
Acq: 30 Mar 2022 17:40

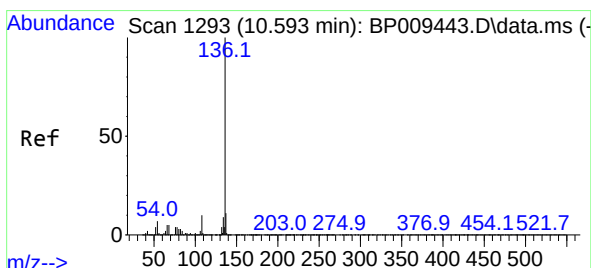
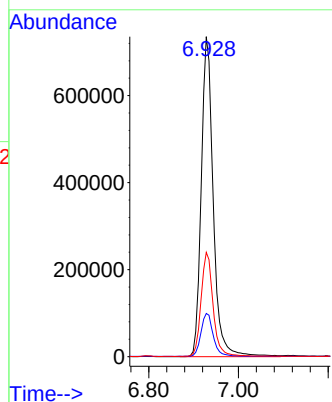
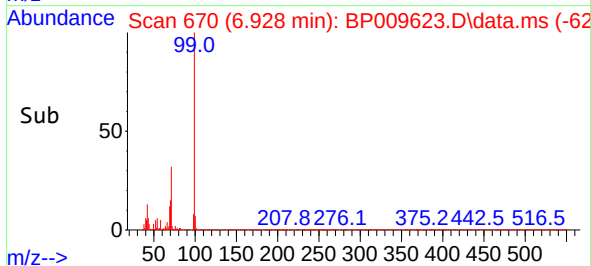
Instrument :
BNA_P
ClientSampleId :
SB-08-9.0-10.0



Tgt Ion: 99 Resp: 136289
Ion Ratio Lower Upper
99 100
42 13.5 12.8 19.2
71 32.6 26.3 39.5

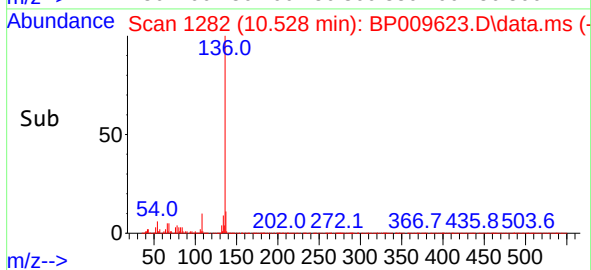
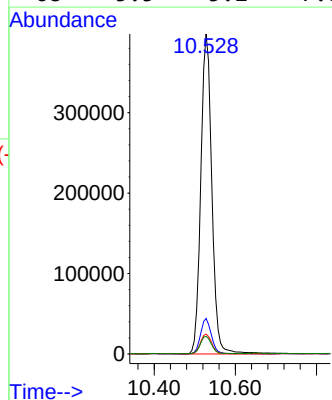
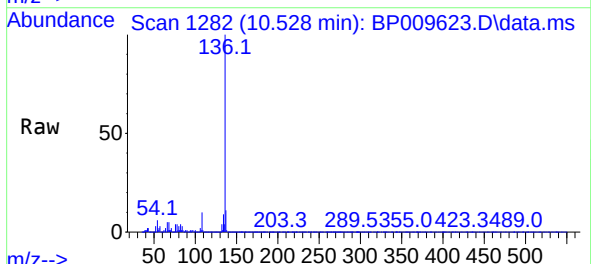
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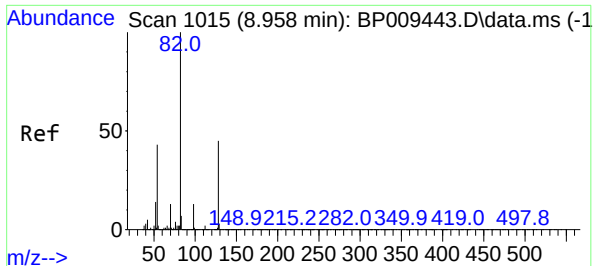
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.528 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BP009623.D
Acq: 30 Mar 2022 17:40

Tgt Ion:136 Resp: 752373
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 6.2 5.8 8.8
68 5.5 5.2 7.8





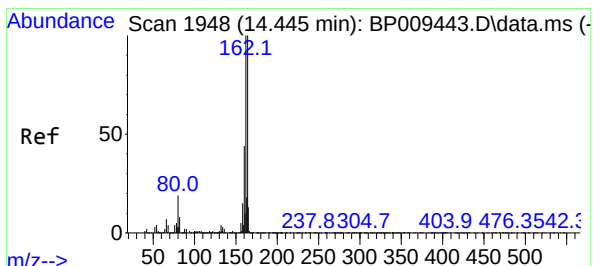
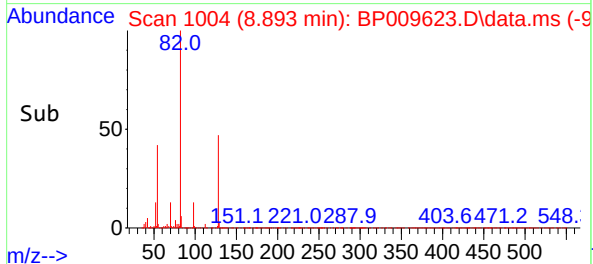
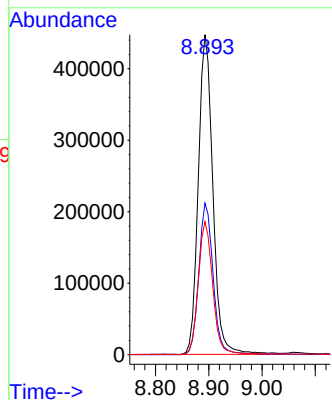
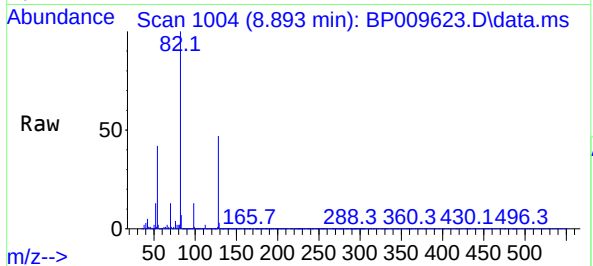
#23
Nitrobenzene-d5
Concen: 60.150 ng
RT: 8.893 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BP009623.D
Acq: 30 Mar 2022 17:40

Instrument :
BNA_P
ClientSampleId :
SB-08-9.0-10.0

Tgt Ion: 82 Resp: 851609
Ion Ratio Lower Upper
82 100
128 47.3 34.2 51.4
54 41.6 34.7 52.1

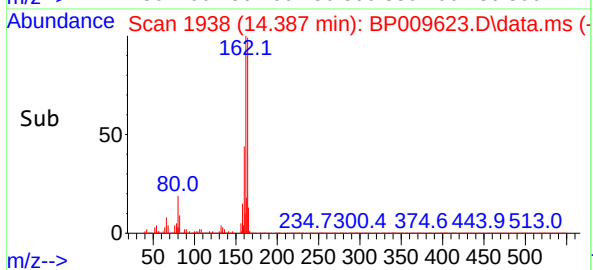
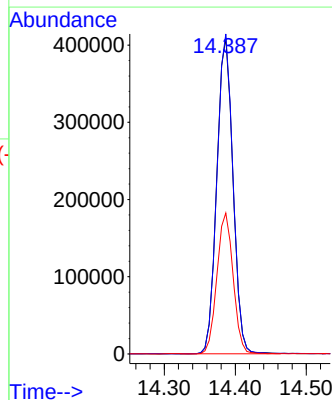
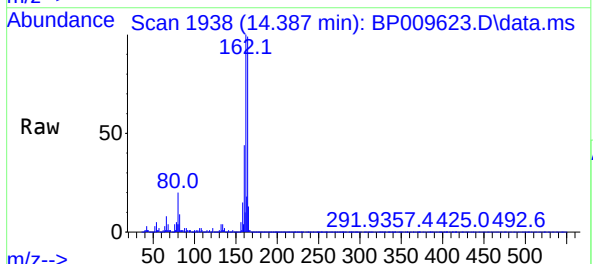
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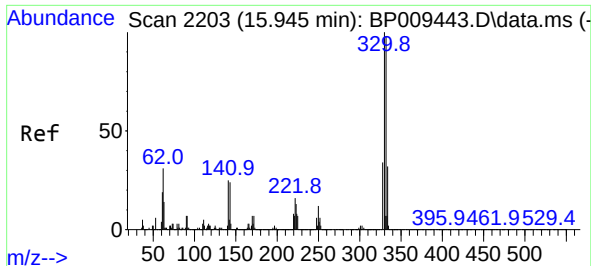
Reviewed By :Christian Giraldo 03/31/2022
Supervised By :Jagrut Upadhyay 03/31/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.387 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BP009623.D
Acq: 30 Mar 2022 17:40

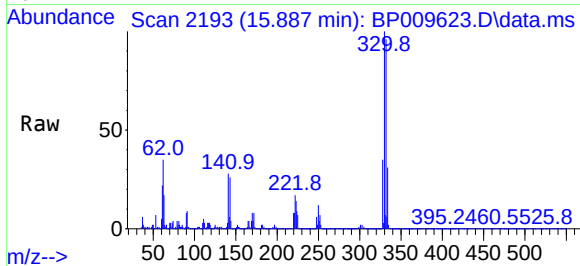
Tgt Ion:164 Resp: 644910
Ion Ratio Lower Upper
164 100
162 101.3 79.1 118.7
160 44.6 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 80.192 ng
RT: 15.887 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BP009623.D
Acq: 30 Mar 2022 17:40

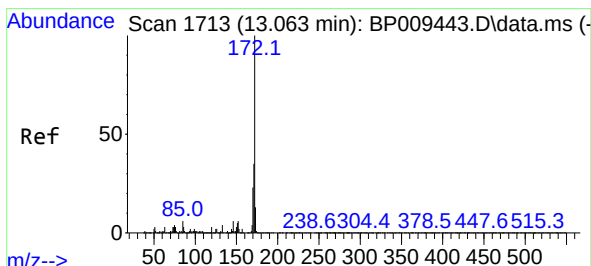
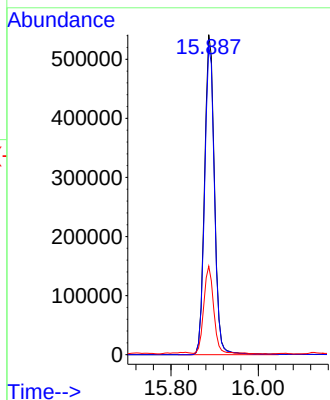
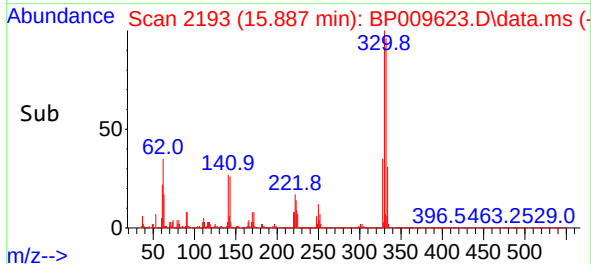
Instrument :
BNA_P
ClientSampleId :
SB-08-9.0-10.0



Tgt Ion:330 Resp: 853410
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.6
141 26.9 27.6 41.4

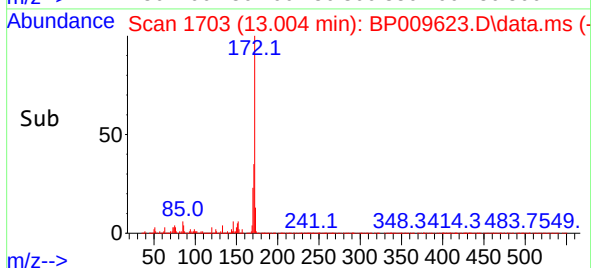
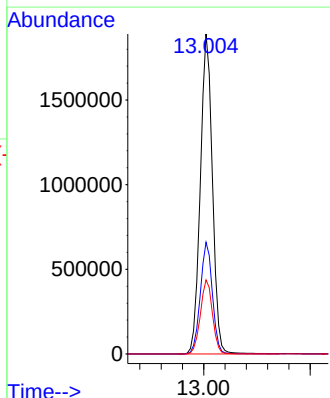
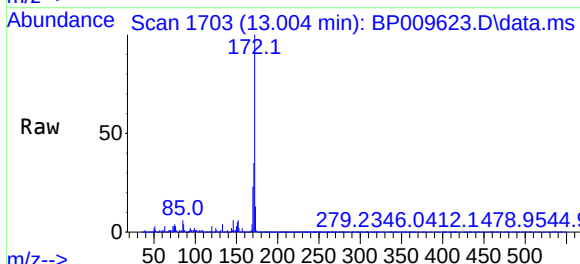
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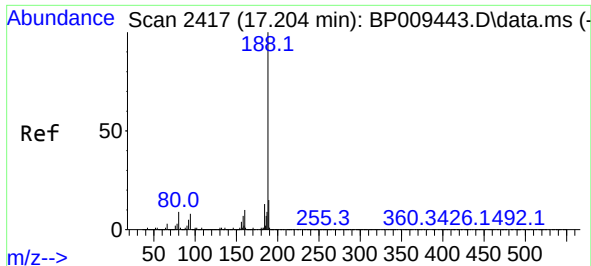
Reviewed By :Christian Giraldo 03/31/2022
Supervised By :Jagrut Upadhyay 03/31/2022



#45
2-Fluorobiphenyl
Concen: 63.830 ng
RT: 13.004 min Scan# 1703
Delta R.T. -0.006 min
Lab File: BP009623.D
Acq: 30 Mar 2022 17:40

Tgt Ion:172 Resp: 2969418
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 23.2 18.6 27.8





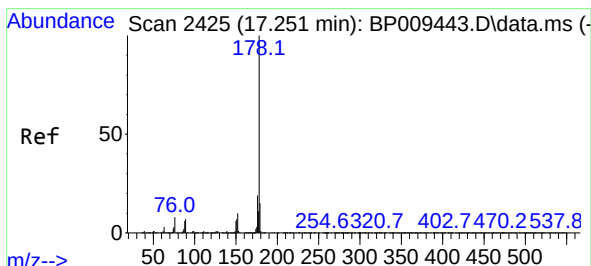
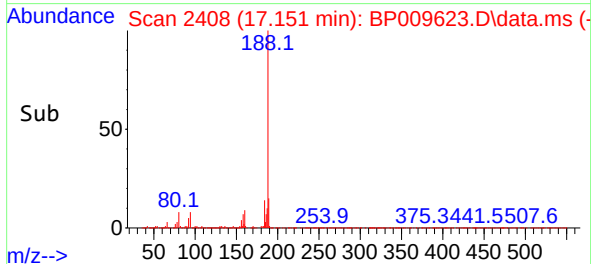
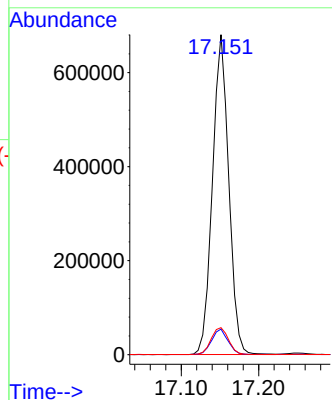
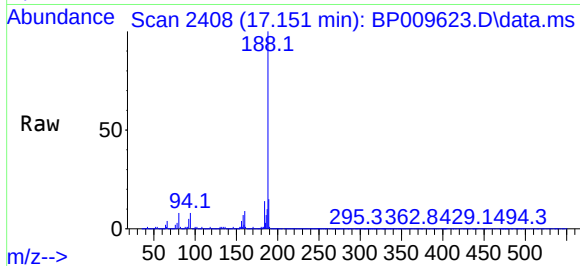
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP009623.D
Acq: 30 Mar 2022 17:40

Instrument :
BNA_P
ClientSampleId :
SB-08-9.0-10.0

Tgt Ion:188 Resp: 993382
Ion Ratio Lower Upper
188 100
94 8.0 7.9 11.9
80 8.5 8.8 13.2

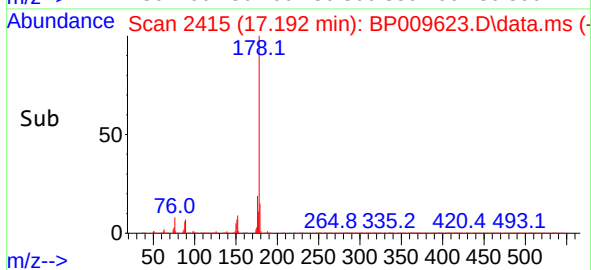
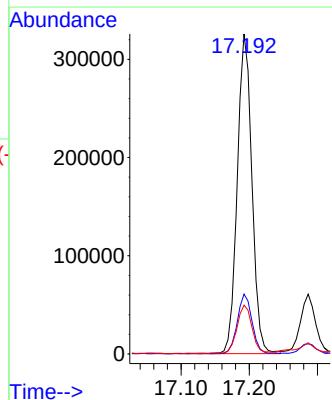
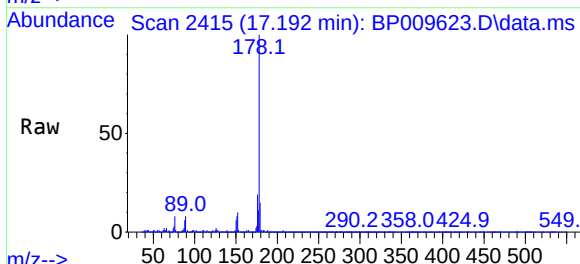
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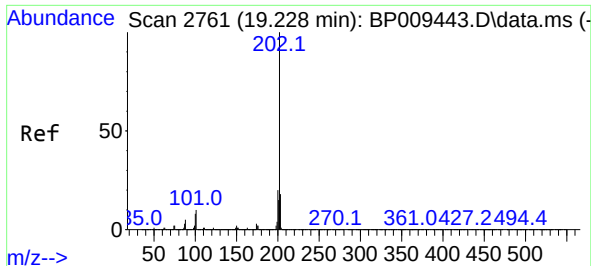
Reviewed By :Christian Giraldo 03/31/2022
Supervised By :Jagrut Upadhyay 03/31/2022



#71
Phenanthrene
Concen: 9.140 ng
RT: 17.192 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP009623.D
Acq: 30 Mar 2022 17:40

Tgt Ion:178 Resp: 486023
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.3 12.3 18.5





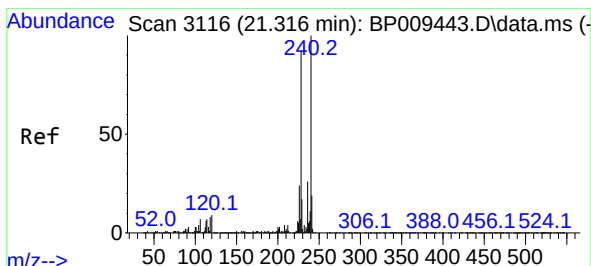
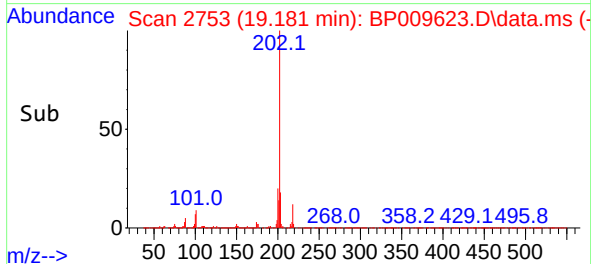
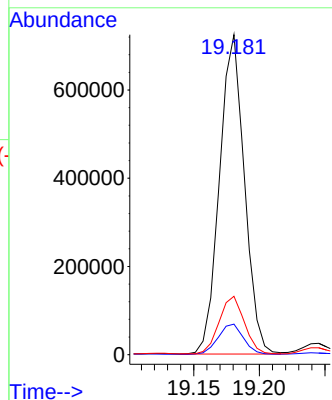
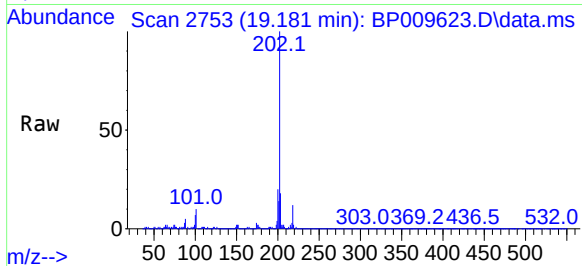
#75
Fluoranthene
Concen: 14.873 ng
RT: 19.181 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BP009623.D
Acq: 30 Mar 2022 17:40

Instrument :
BNA_P
ClientSampleId :
SB-08-9.0-10.0

Tgt Ion:202 Resp: 95745
Ion Ratio Lower Upper
202 100
101 9.6 0.0 31.5
203 18.3 0.0 37.8

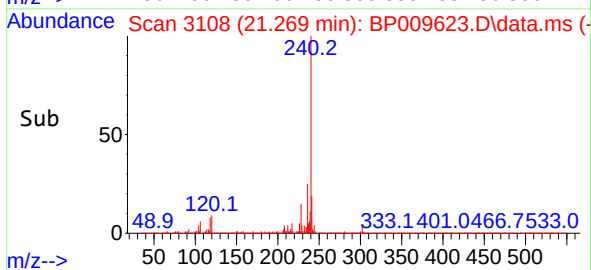
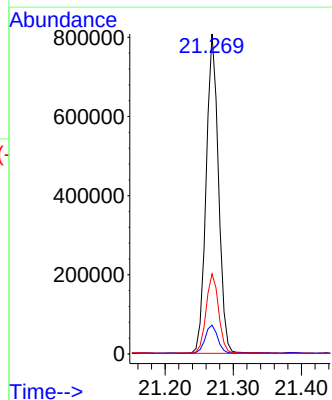
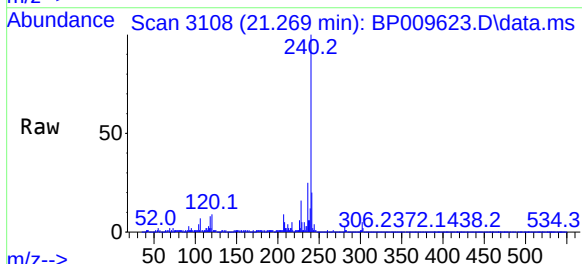
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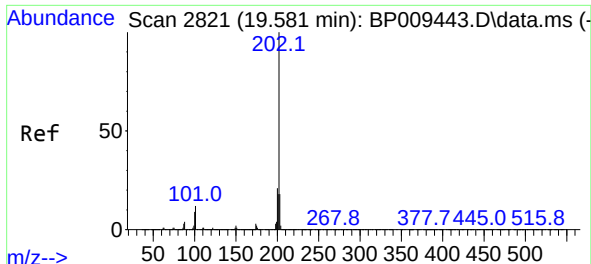
Reviewed By :Christian Giraldo 03/31/2022
Supervised By :Jagrut Upadhyay 03/31/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.269 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BP009623.D
Acq: 30 Mar 2022 17:40

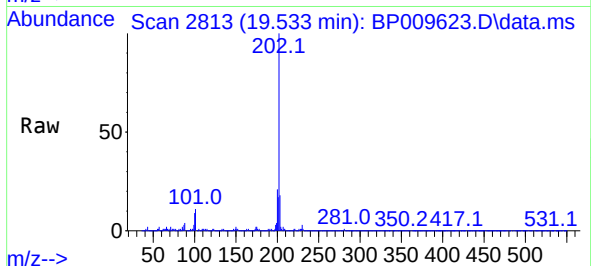
Tgt Ion:240 Resp: 1012716
Ion Ratio Lower Upper
240 100
120 9.0 9.0 13.4
236 25.0 20.6 30.8





#78
Pyrene
Concen: 13.924 ng
RT: 19.533 min Scan# 2813
Delta R.T. -0.006 min
Lab File: BP009623.D
Acq: 30 Mar 2022 17:40

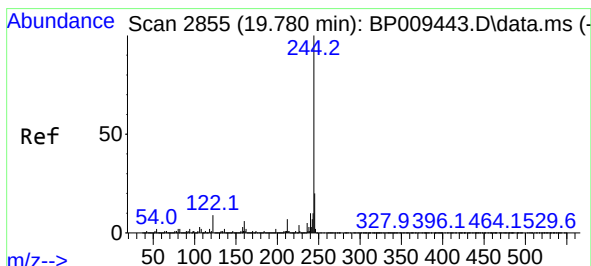
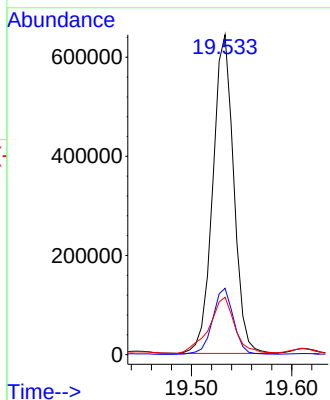
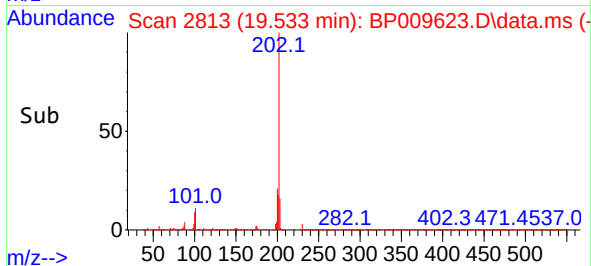
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BNA_P
ClientSampleId :
SB-08-9.0-10.0



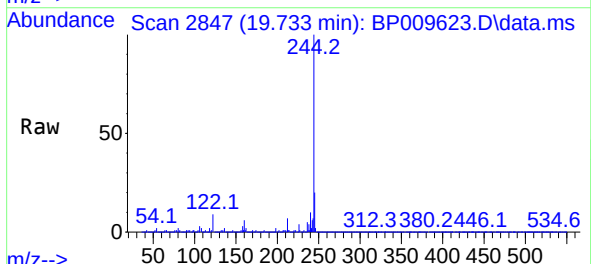
Tgt Ion: 202 Resp: 929225
Ion Ratio Lower Upper
202 100
200 20.8 16.8 25.2
203 18.0 14.2 21.4

Manual Integrations
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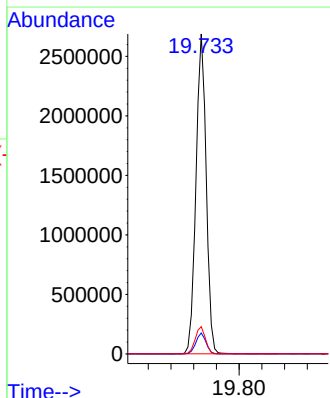
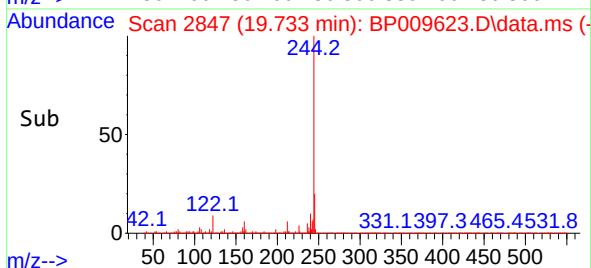
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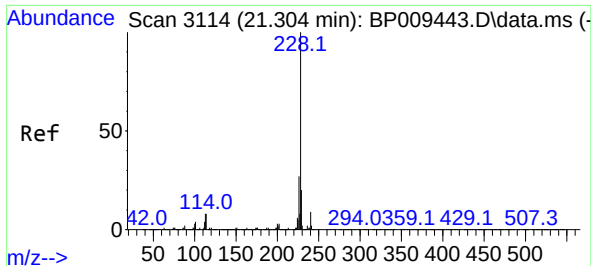


#79
Terphenyl-d14
Concen: 59.815 ng
RT: 19.733 min Scan# 2847
Delta R.T. -0.006 min
Lab File: BP009623.D
Acq: 30 Mar 2022 17:40



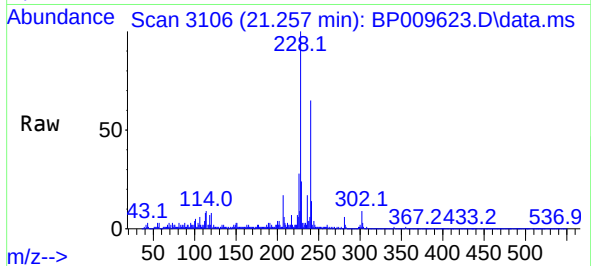
Tgt Ion: 244 Resp: 3374890
Ion Ratio Lower Upper
244 100
212 6.5 5.8 8.6
122 8.5 8.3 12.5





#81
Benzo(a)anthracene
Concen: 8.707 ng
RT: 21.257 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BP009623.D
Acq: 30 Mar 2022 17:40

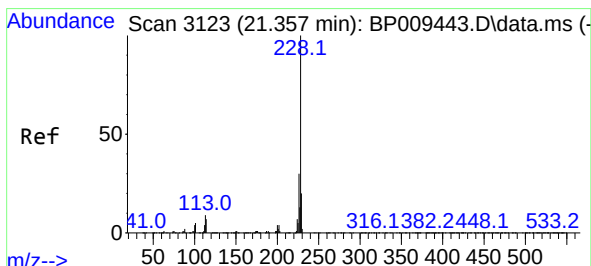
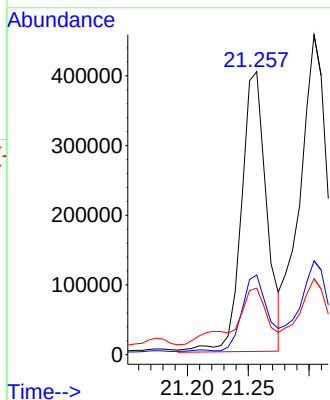
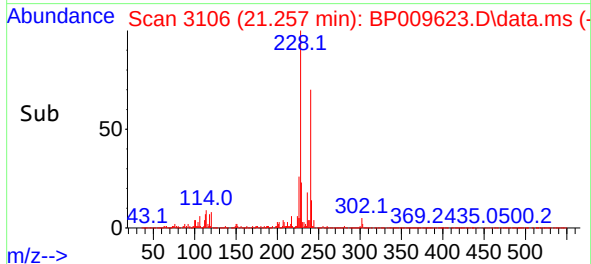
Instrument :
BNA_P
ClientSampleId :
SB-08-9.0-10.0



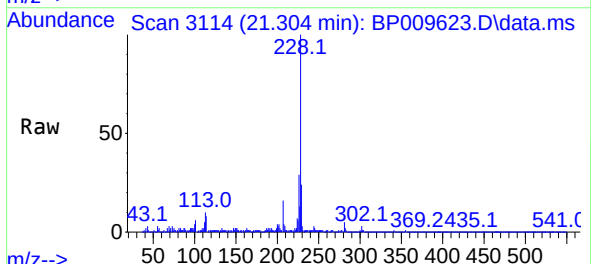
Tgt Ion:228 Resp: 579335
Ion Ratio Lower Upper
228 100
226 28.2 22.0 33.0
229 23.5 16.1 24.1

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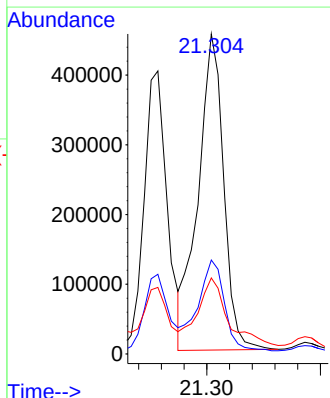
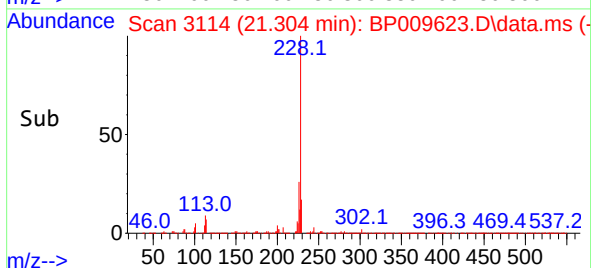
Reviewed By :Christian Giraldo 03/31/2022
Supervised By :Jagrut Upadhyay 03/31/2022

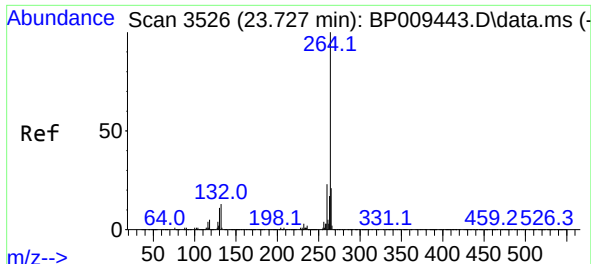


#83
Chrysene
Concen: 11.271 ng
RT: 21.304 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BP009623.D
Acq: 30 Mar 2022 17:40



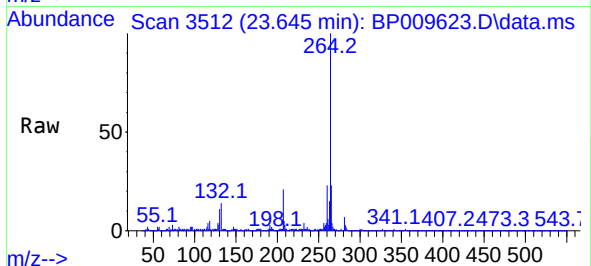
Tgt Ion:228 Resp: 710077
Ion Ratio Lower Upper
228 100
226 29.3 24.2 36.2
229 23.8 16.1 24.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.645 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP009623.D
Acq: 30 Mar 2022 17:40

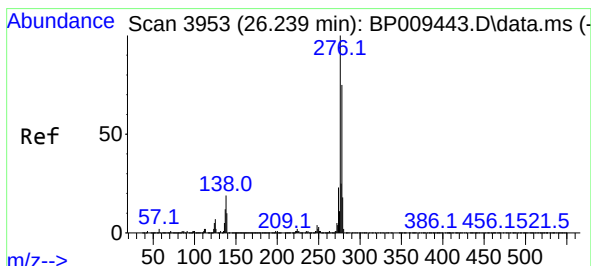
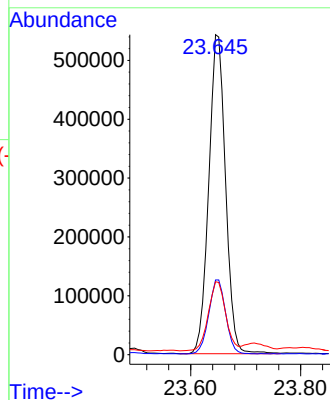
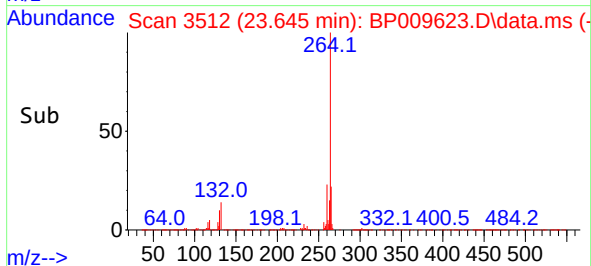
Instrument :
BNA_P
ClientSampleId :
SB-08-9.0-10.0



Tgt Ion:264 Resp: 1149680
Ion Ratio Lower Upper
264 100
260 23.3 19.4 29.0
265 22.8 17.2 25.8

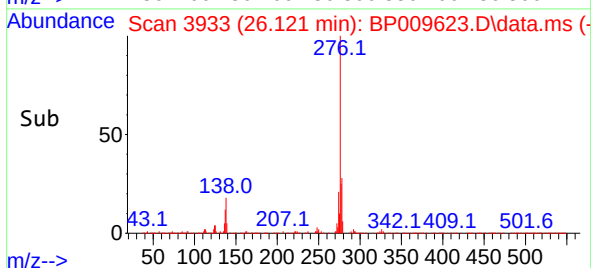
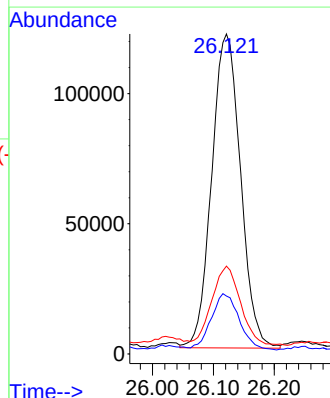
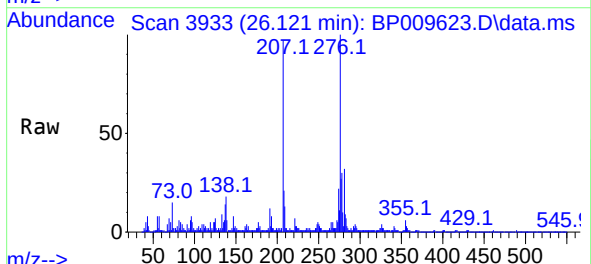
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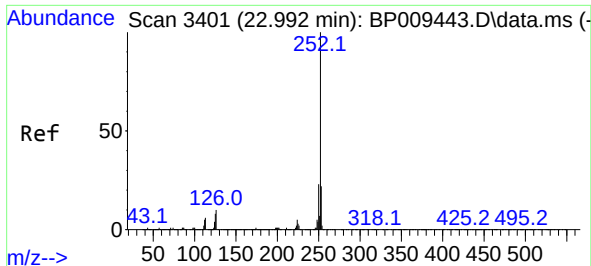
Reviewed By :Christian Giraldo 03/31/2022
Supervised By :Jagrut Upadhyay 03/31/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.550 ng
RT: 26.121 min Scan# 3933
Delta R.T. -0.017 min
Lab File: BP009623.D
Acq: 30 Mar 2022 17:40

Tgt Ion:276 Resp: 396866
Ion Ratio Lower Upper
276 100
138 17.5 20.5 30.7#
277 25.1 20.4 30.6





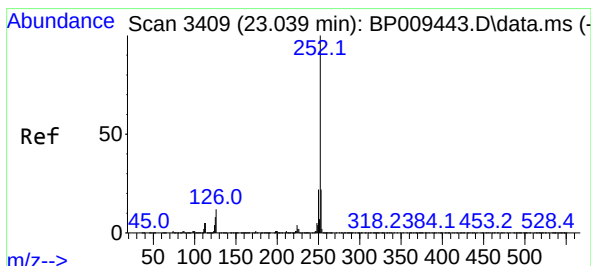
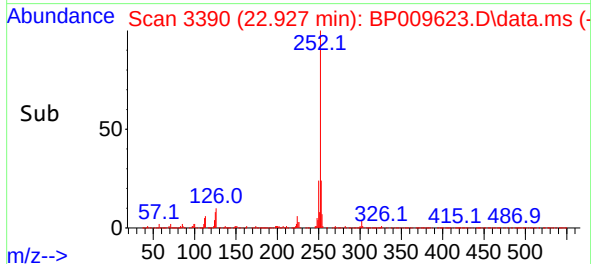
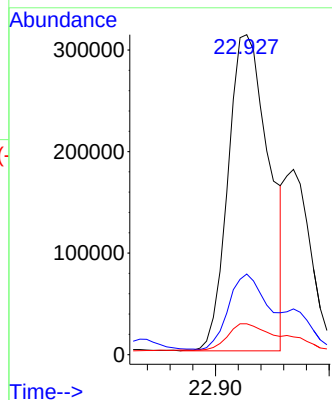
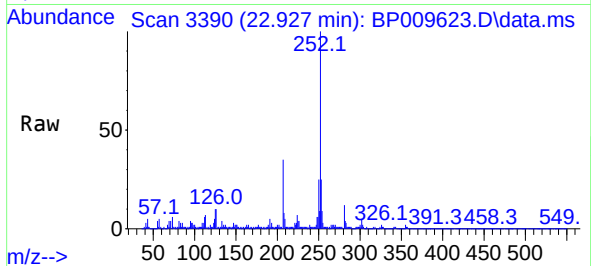
#88
Benzo(b)fluoranthene
Concen: 11.378 ng
RT: 22.927 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP009623.D
Acq: 30 Mar 2022 17:40

Instrument :
BNA_P
ClientSampleId :
SB-08-9.0-10.0

Tgt Ion:252 Resp: 780900
Ion Ratio Lower Upper
252 100
253 25.2 17.8 26.8
125 9.7 8.1 12.1

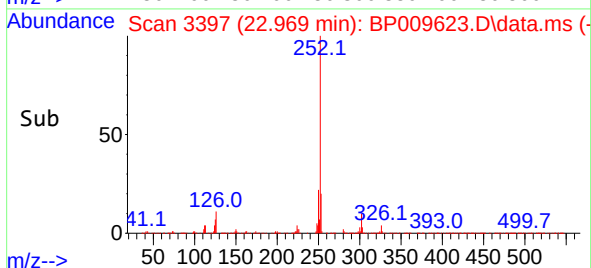
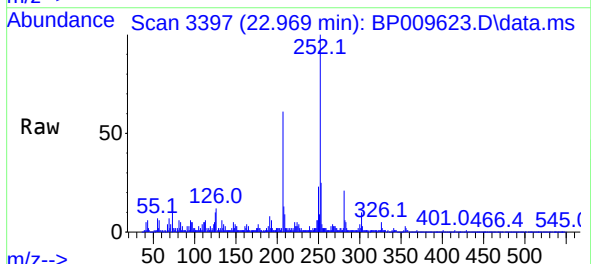
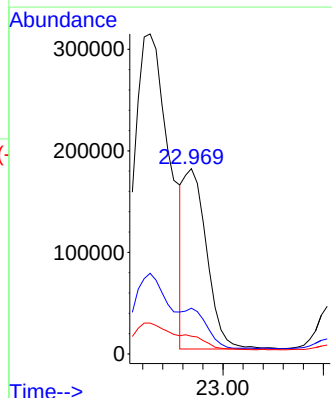
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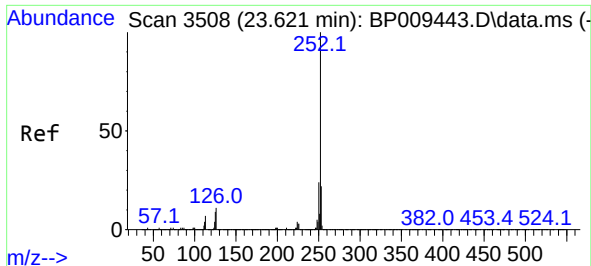
Reviewed By :Christian Giraldo 03/31/2022
Supervised By :Jagrut Upadhyay 03/31/2022



#89
Benzo(k)fluoranthene
Concen: 4.216 ng m
RT: 22.969 min Scan# 3397
Delta R.T. -0.012 min
Lab File: BP009623.D
Acq: 30 Mar 2022 17:40

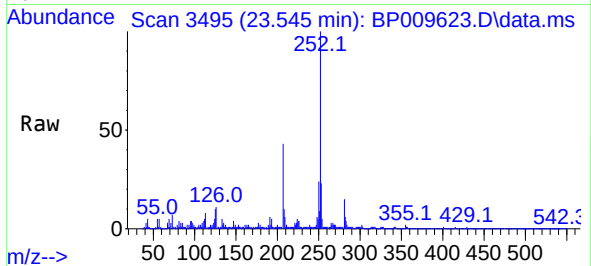
Tgt Ion:252 Resp: 283292
Ion Ratio Lower Upper
252 100
253 24.7 17.5 26.3
125 9.6 8.3 12.5





#90
Benzo(a)pyrene
Concen: 9.358 ng
RT: 23.545 min Scan# 34
Delta R.T. -0.006 min
Lab File: BP009623.D
Acq: 30 Mar 2022 17:40

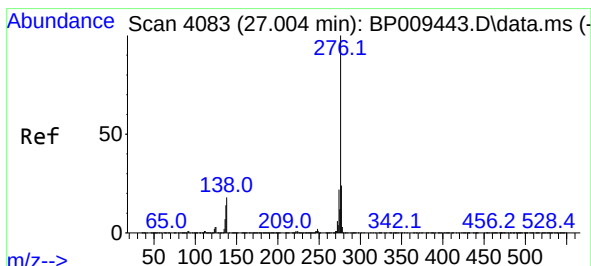
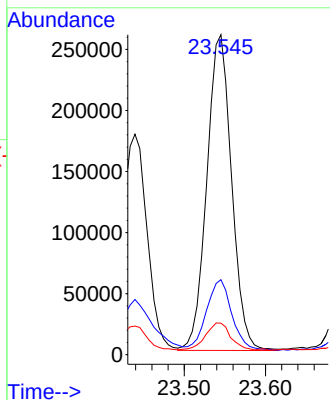
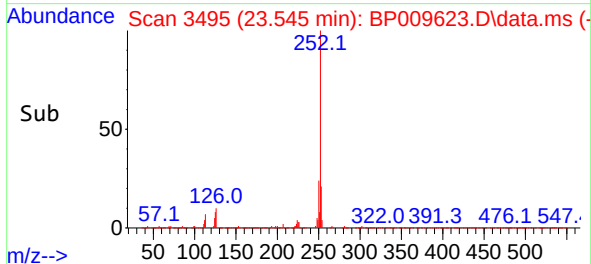
Instrument :
BNA_P
ClientSampleId :
SB-08-9.0-10.0



Tgt Ion:252 Resp: 549502
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.6
125 9.8 9.3 13.9

Manual Integrations
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Reviewed By :Christian Giraldo 03/31/2022
Supervised By :Jagrut Upadhyay 03/31/2022



#92
Benzo(g,h,i)perylene
Concen: 5.505 ng
RT: 26.880 min Scan# 4062
Delta R.T. -0.017 min
Lab File: BP009623.D
Acq: 30 Mar 2022 17:40

Tgt Ion:276 Resp: 393651
Ion Ratio Lower Upper
276 100
277 26.7 19.2 28.8
138 18.2 18.0 27.0

