

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
 Data File : BP008413.D
 Acq On : 15 Dec 2021 12:59
 Operator : CG/JU
 Sample : M5076-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-19-G

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/16/2021
 Supervised By :Jagrut Upadhyay 12/16/2021

Quant Time: Dec 15 13:37:14 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 14 17:59:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	52788	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	185453	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	113348	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	238800	20.000	ng	0.00
76) Chrysene-d12	21.263	240	291603	20.000	ng	0.00
86) Perylene-d12	23.633	264	350718	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	239456	71.637	ng	0.00
7) Phenol-d6	6.940	99	298957	66.592	ng	0.00
23) Nitrobenzene-d5	8.911	82	206977	47.282	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	108759	65.292	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	387540	43.463	ng	0.00
79) Terphenyl-d14	19.733	244	657364	39.234	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.204	178	129607	10.019	ng	99
75) Fluoranthene	19.181	202	101661	6.961	ng	98
78) Pyrene	19.533	202	172460	8.266	ng	99
81) Benzo(a)anthracene	21.251	228	70651	3.615	ng	97
83) Chrysene	21.304	228	67306	3.606	ng	98
88) Benzo(b)fluoranthene	22.922	252	48600m	2.304	ng	
90) Benzo(a)pyrene	23.533	252	43636	2.383	ng	96

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

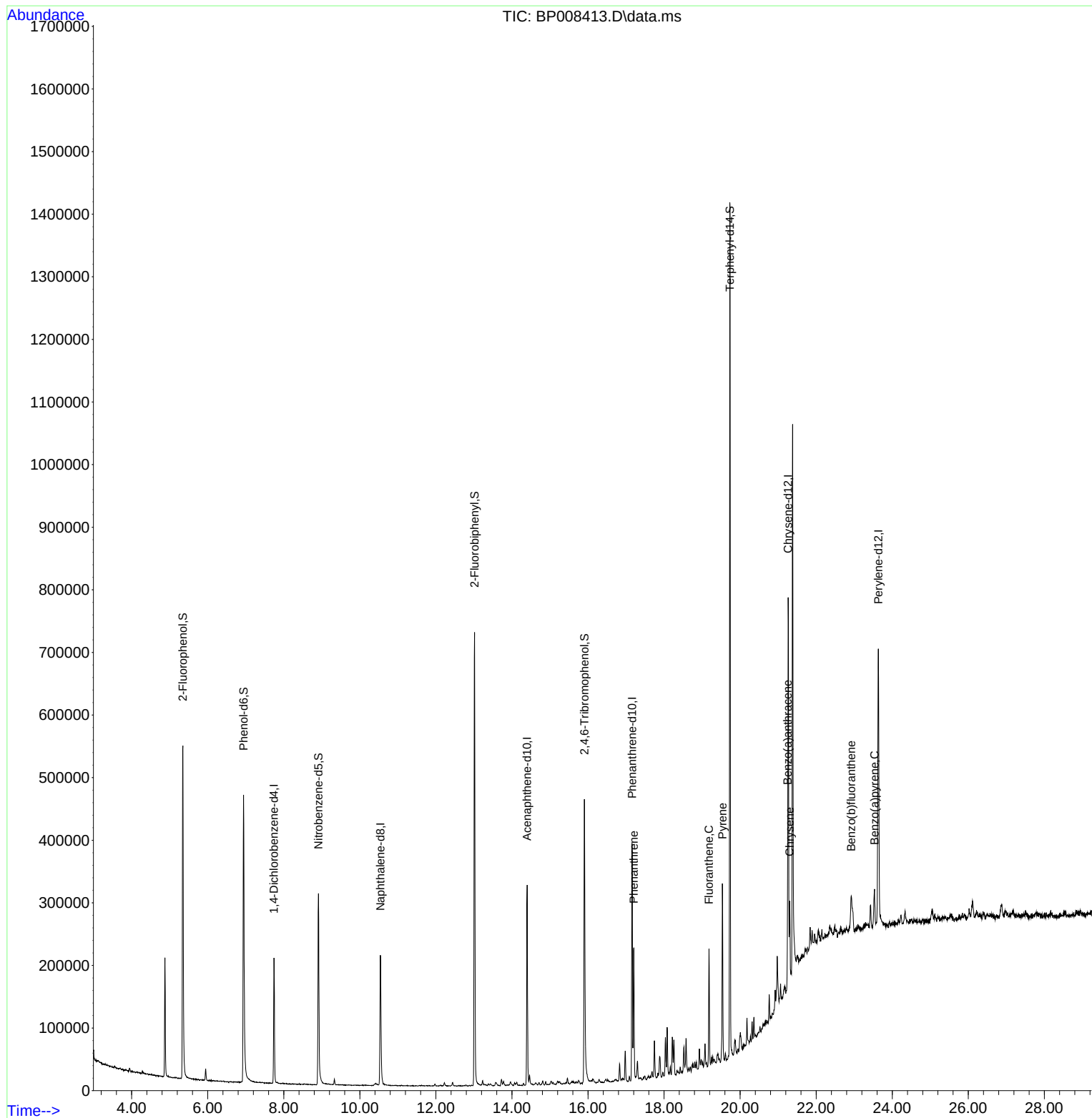
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
Data File : BP008413.D
Acq On : 15 Dec 2021 12:59
Operator : CG/JU
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Misc :
ALS Vial : 6 Sample Multiplier: 1

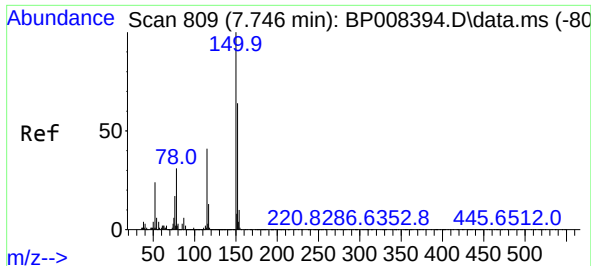
Instrument :
BNA_P
ClientSampleId :
SB-19-G

Quant Time: Dec 15 13:37:14 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
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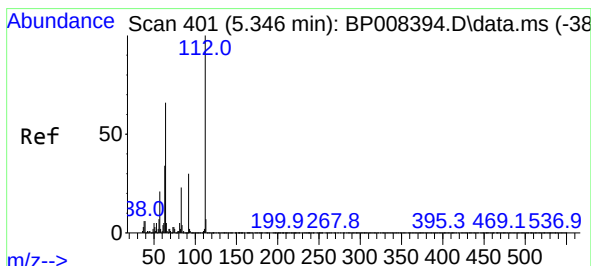
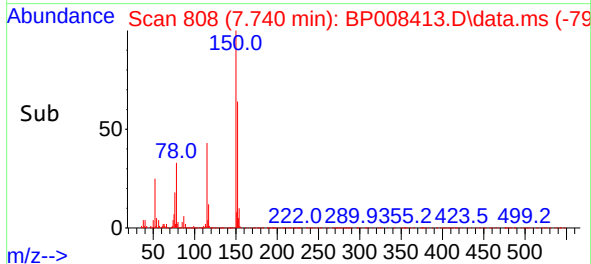
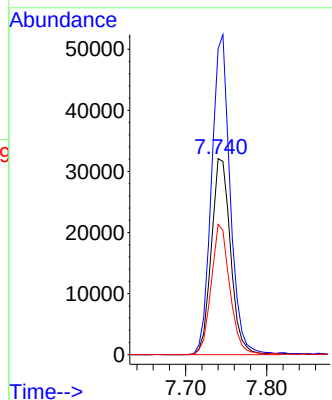
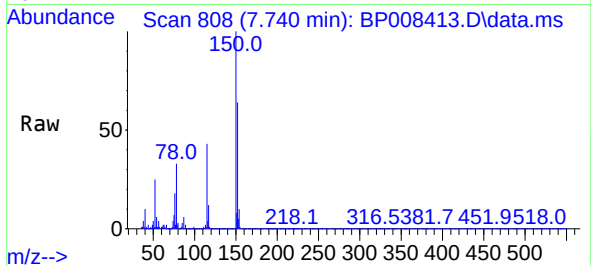
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 809
Delta R.T. -0.006 min
Lab File: BP008413.D
Acq: 15 Dec 2021 12:59

Instrument :
BNA_P
ClientSampleId :
SB-19-G

Tgt Ion:152 Resp: 52788
Ion Ratio Lower Upper
152 100
150 156.1 125.7 188.5
115 66.5 50.7 76.1

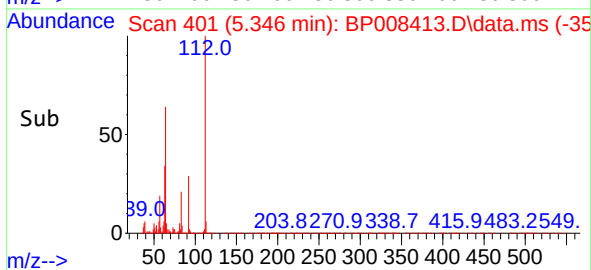
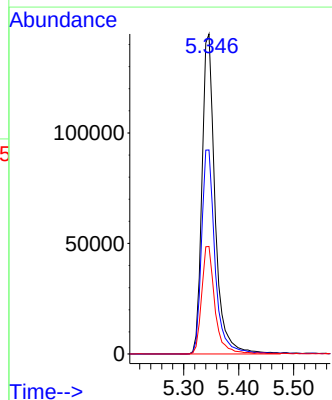
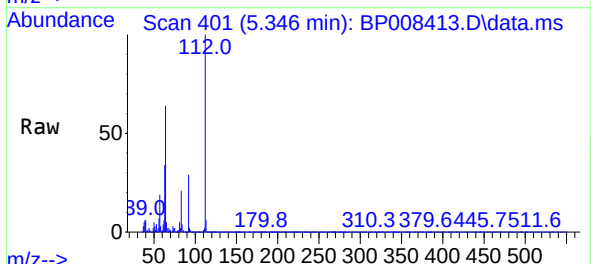
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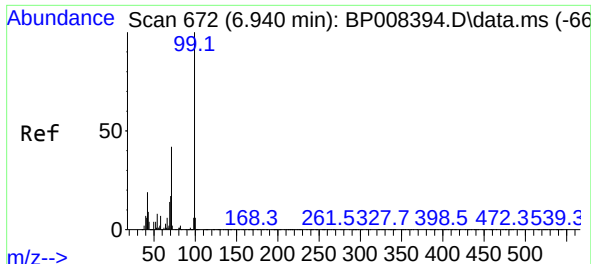
Reviewed By :Christian Giraldo 12/16/2021
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#5
2-Fluorophenol
Concen: 71.637 ng
RT: 5.346 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP008413.D
Acq: 15 Dec 2021 12:59

Tgt Ion:112 Resp: 239456
Ion Ratio Lower Upper
112 100
64 63.8 53.4 80.2
63 33.6 27.8 41.8





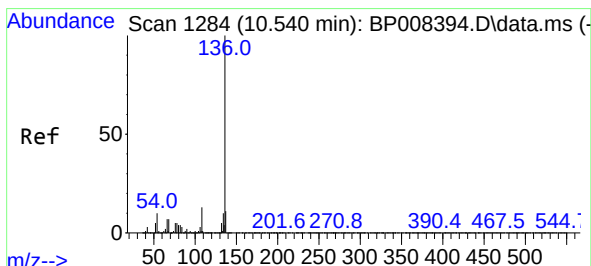
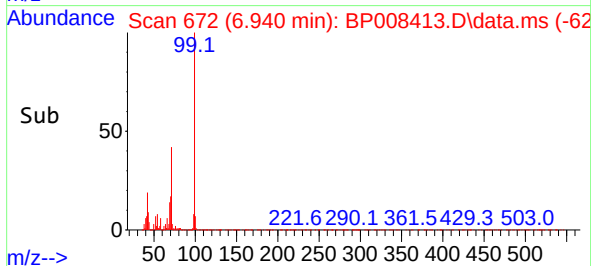
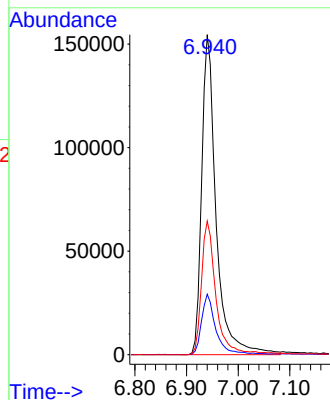
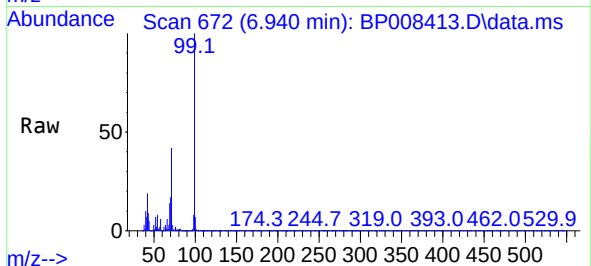
#7
Phenol-d6
Concen: 66.592 ng
RT: 6.940 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP008413.D
Acq: 15 Dec 2021 12:59

Instrument :
BNA_P
ClientSampleId :
SB-19-G

Tgt Ion:	99	Resp:	29895
Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.6	22.0
71	41.7	31.1	46.7

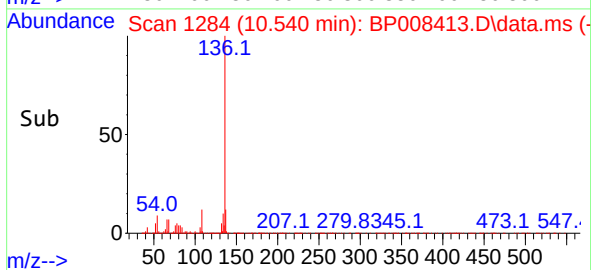
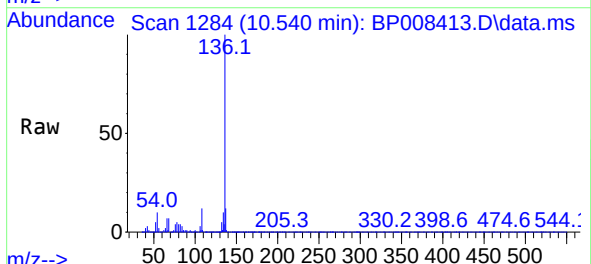
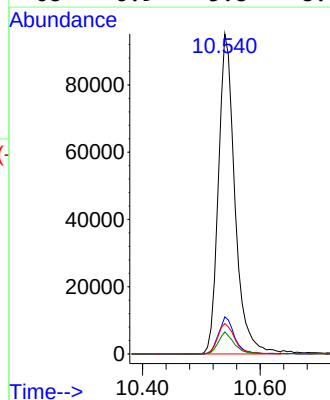
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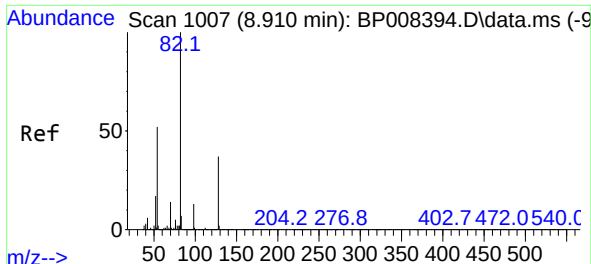
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :Jagrut Upadhyay 12/16/2021



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BP008413.D
Acq: 15 Dec 2021 12:59

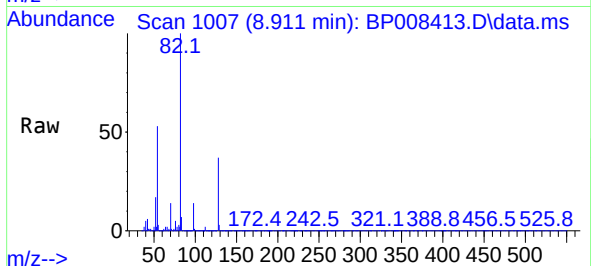
Tgt Ion:	136	Resp:	185453
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	9.5	8.2	12.4
68	6.9	5.8	8.8





#23
Nitrobenzene-d5
Concen: 47.282 ng
RT: 8.911 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BP008413.D
Acq: 15 Dec 2021 12:59

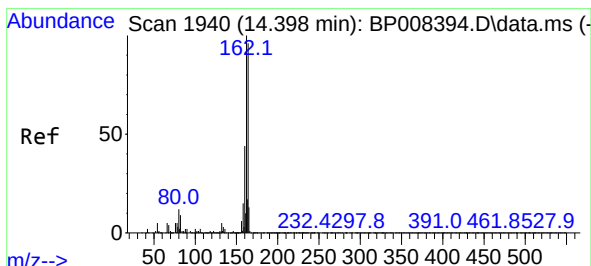
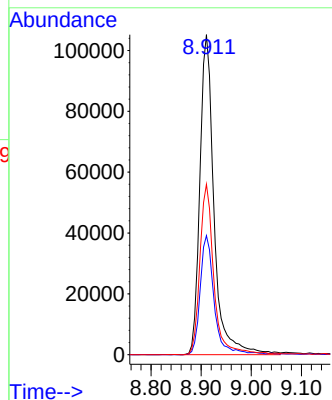
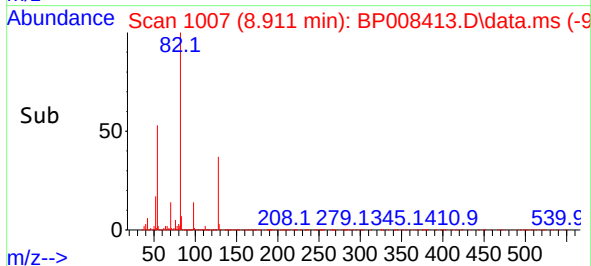
Instrument :
BNA_P
ClientSampleId :
SB-19-G



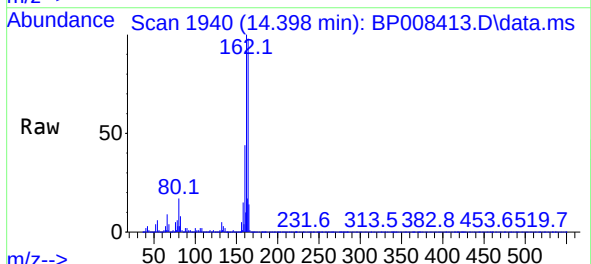
Tgt Ion: 82 Resp: 20697
Ion Ratio Lower Upper
82 100
128 37.2 29.6 44.4
54 53.3 42.7 64.1

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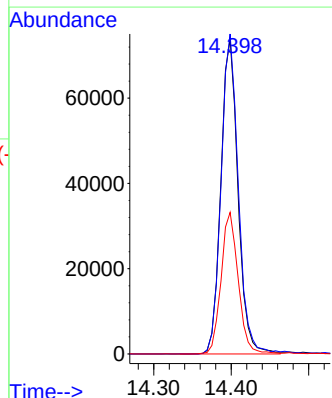
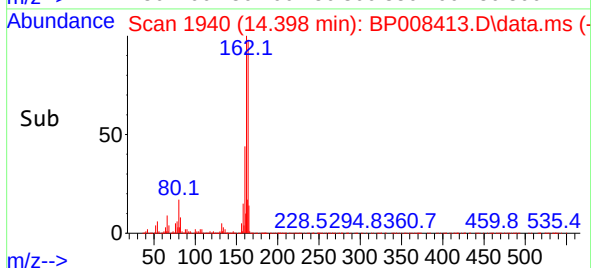
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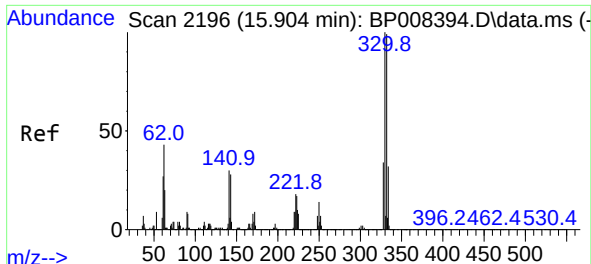


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BP008413.D
Acq: 15 Dec 2021 12:59



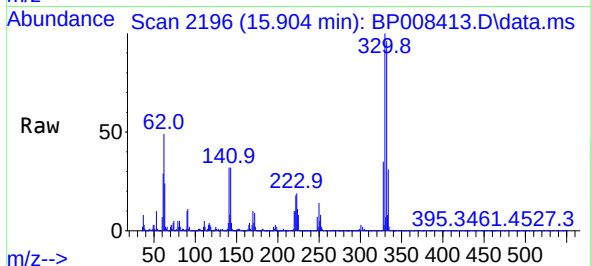
Tgt Ion:164 Resp: 113348
Ion Ratio Lower Upper
164 100
162 101.8 81.9 122.9
160 45.1 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 65.292 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BP008413.D
Acq: 15 Dec 2021 12:59

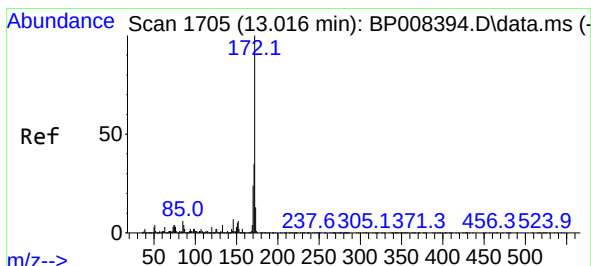
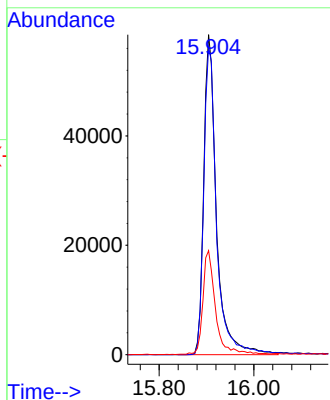
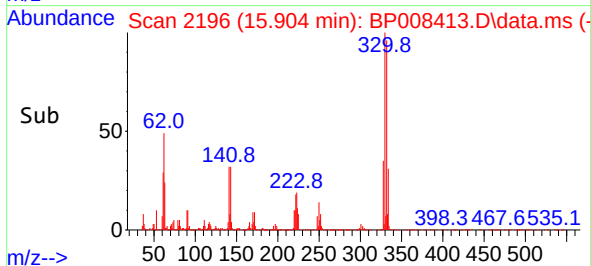
Instrument :
BNA_P
ClientSampleId :
SB-19-G



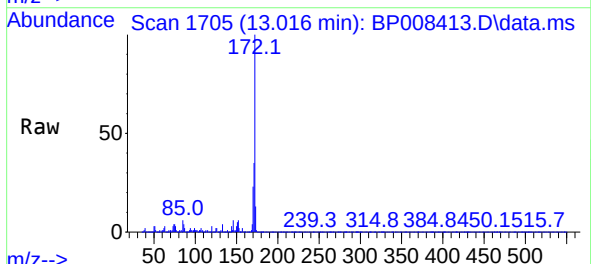
Tgt Ion:330 Resp: 108759
Ion Ratio Lower Upper
330 100
332 97.8 77.0 115.4
141 32.2 28.4 42.6

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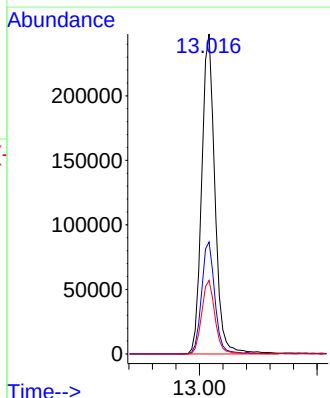
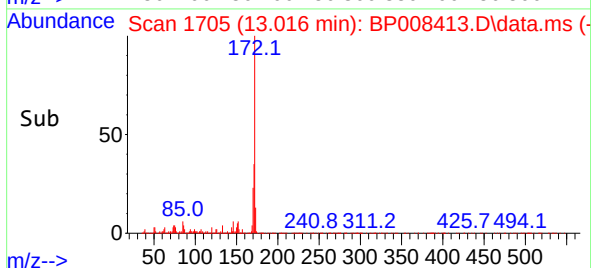
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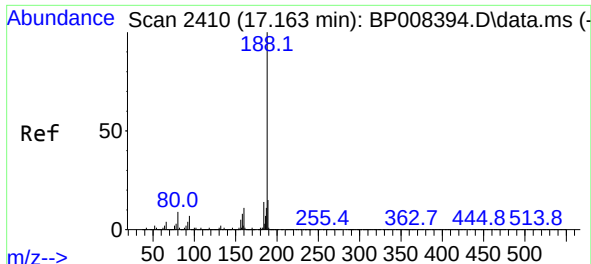


#45
2-Fluorobiphenyl
Concen: 43.463 ng
RT: 13.016 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BP008413.D
Acq: 15 Dec 2021 12:59



Tgt Ion:172 Resp: 387540
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 23.0 18.9 28.3





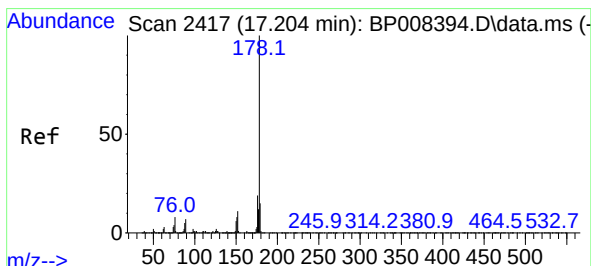
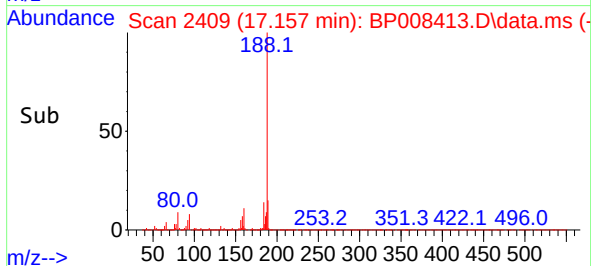
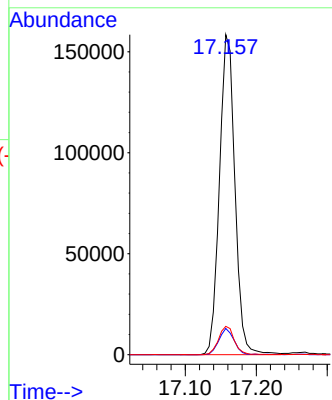
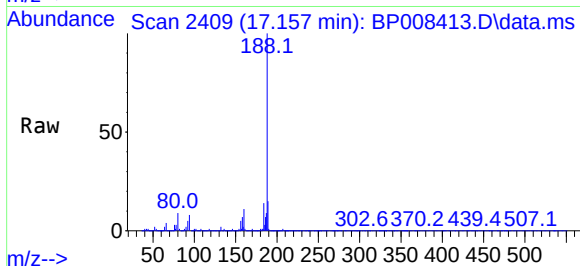
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BP008413.D
Acq: 15 Dec 2021 12:59

Instrument :
BNA_P
ClientSampleId :
SB-19-G

Tgt Ion:188 Resp: 238800
Ion Ratio Lower Upper
188 100
94 8.2 7.2 10.8
80 8.9 8.2 12.4

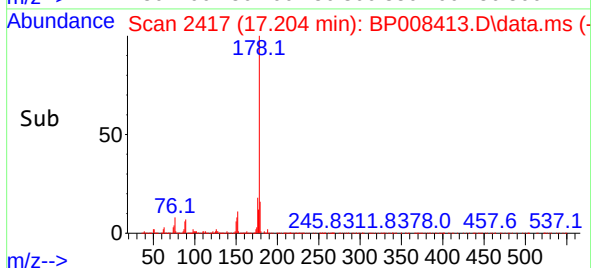
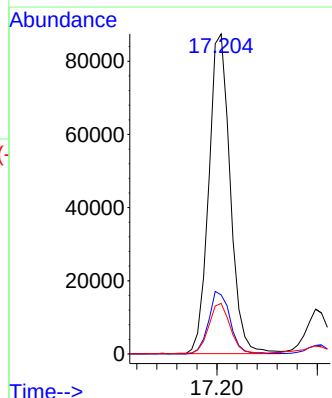
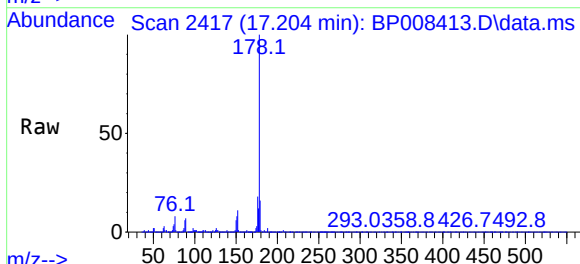
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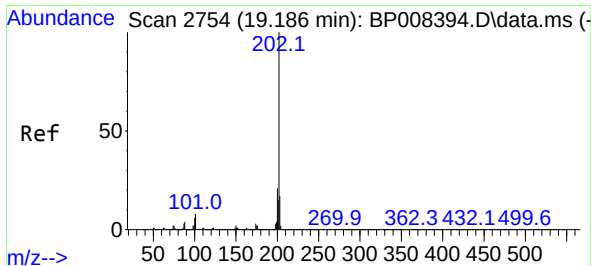
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Supervised By :Jagrut Upadhyay 12/16/2021



#71
Phenanthrene
Concen: 10.019 ng
RT: 17.204 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BP008413.D
Acq: 15 Dec 2021 12:59

Tgt Ion:178 Resp: 129607
Ion Ratio Lower Upper
178 100
176 18.5 15.3 22.9
179 15.8 12.5 18.7





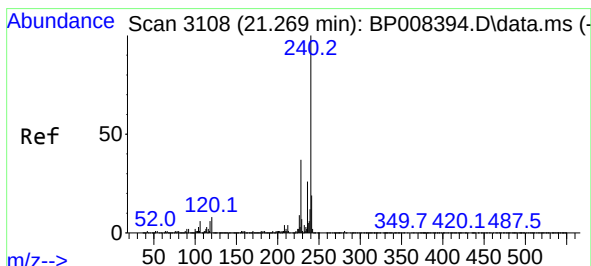
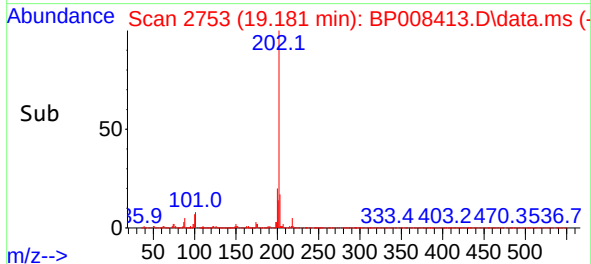
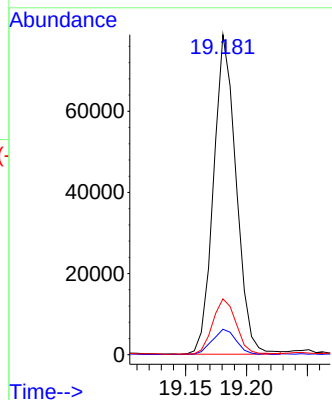
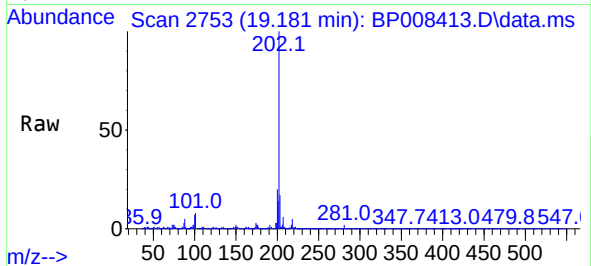
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Fluoranthene
Concen: 6.961 ng
RT: 19.181 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008413.D
Acq: 15 Dec 2021 12:59

Instrument :
BNA_P
ClientSampleId :
SB-19-G

Tgt Ion:202 Resp: 10166
Ion Ratio Lower Upper
202 100
101 8.0 0.0 29.8
203 17.5 0.0 37.7

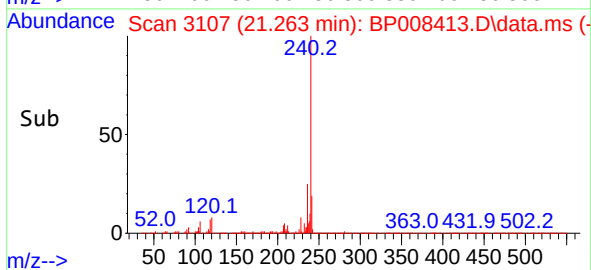
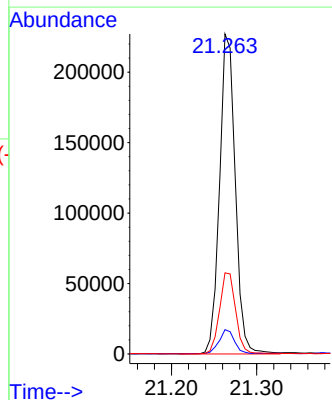
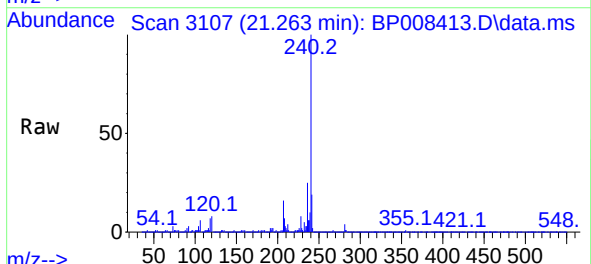
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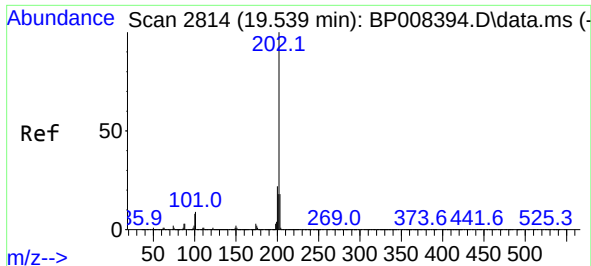
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :Jagrut Upadhyay 12/16/2021



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.263 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BP008413.D
Acq: 15 Dec 2021 12:59

Tgt Ion:240 Resp: 291603
Ion Ratio Lower Upper
240 100
120 7.6 7.3 10.9
236 25.4 21.4 32.2





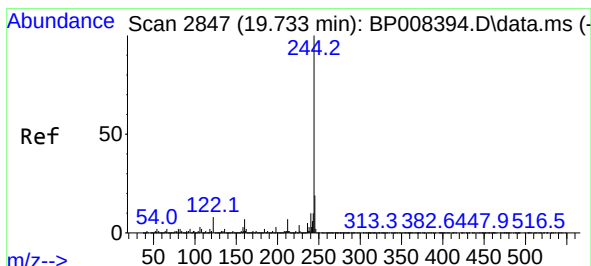
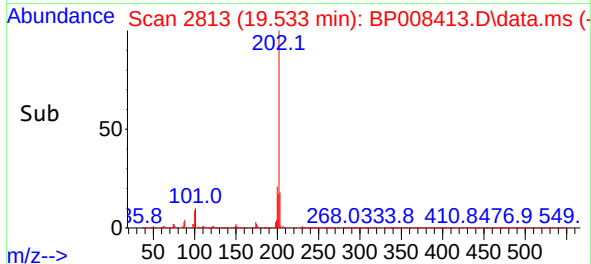
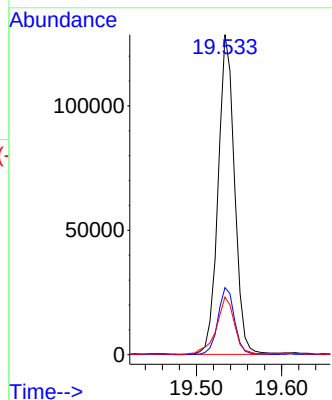
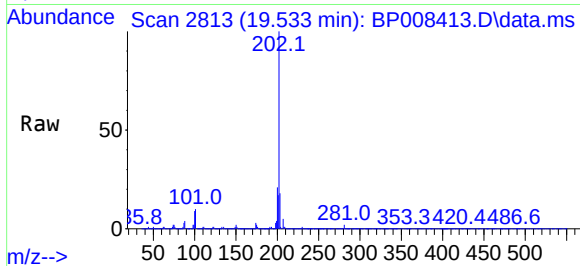
#78
Pyrene
Concen: 8.266 ng
RT: 19.533 min Scan# 2814
Delta R.T. -0.006 min
Lab File: BP008413.D
Acq: 15 Dec 2021 12:59

Instrument :
BNA_P
ClientSampleId :
SB-19-G

Tgt Ion:202 Resp: 172460
Ion Ratio Lower Upper
202 100
200 20.9 17.1 25.7
203 18.0 14.2 21.2

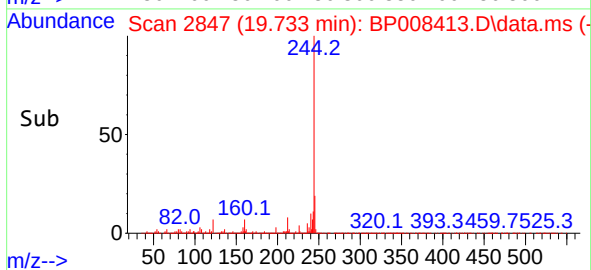
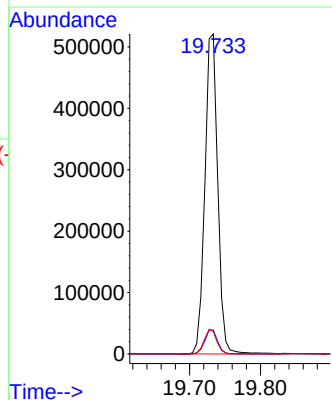
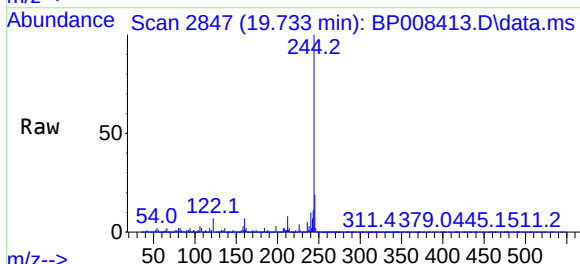
Manual Integrations
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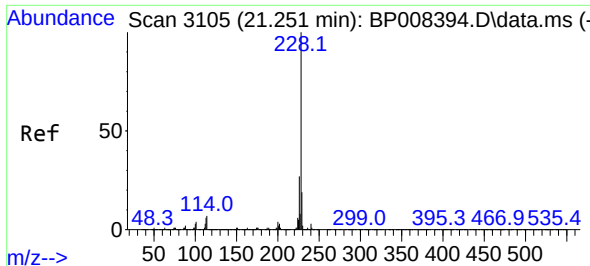
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :Jagrut Upadhyay 12/16/2021



#79
Terphenyl-d14
Concen: 39.234 ng
RT: 19.733 min Scan# 2847
Delta R.T. 0.000 min
Lab File: BP008413.D
Acq: 15 Dec 2021 12:59

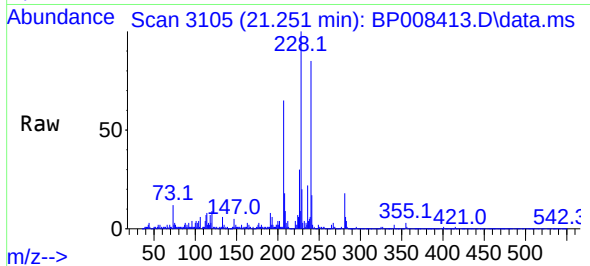
Tgt Ion:244 Resp: 657364
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 6.9 6.6 9.8





#81
Benzo(a)anthracene
Concen: 3.615 ng
RT: 21.251 min Scan# 3105
Delta R.T. 0.000 min
Lab File: BP008413.D
Acq: 15 Dec 2021 12:59

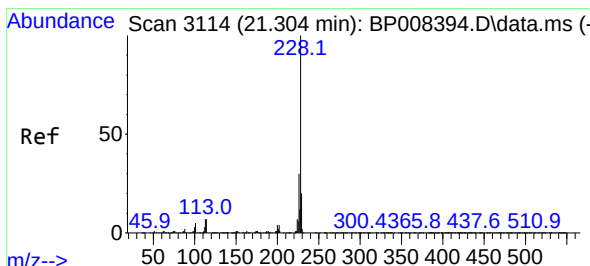
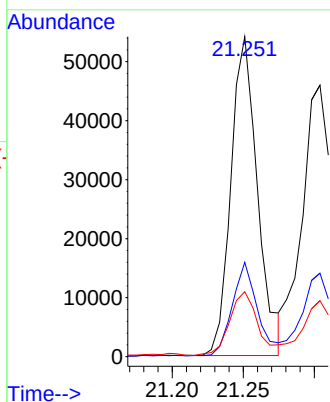
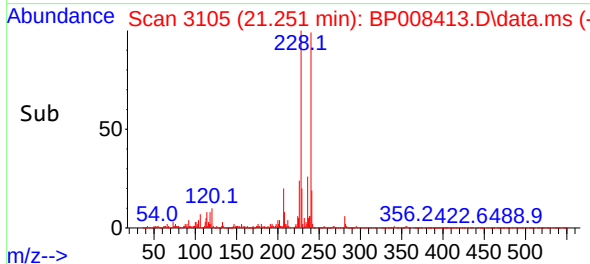
Instrument :
BNA_P
ClientSampleId :
SB-19-G



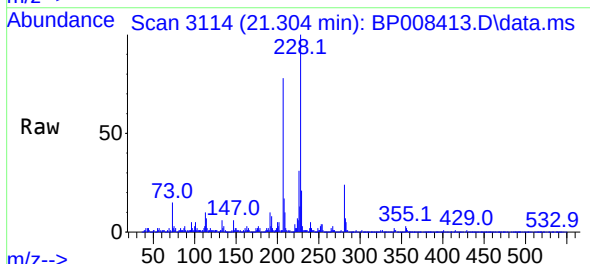
Tgt Ion:228 Resp: 7065
Ion Ratio Lower Upper
228 100
226 29.5 21.9 32.9
229 20.3 15.9 23.9

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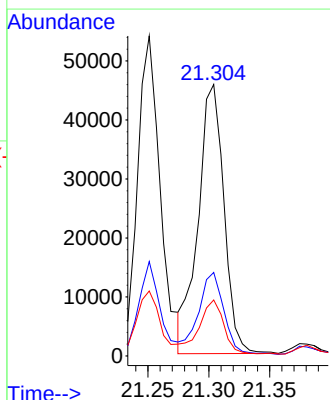
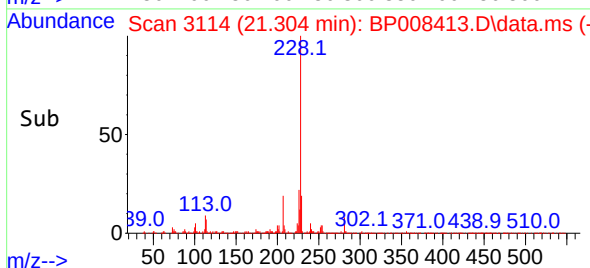
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :Jagrut Upadhyay 12/16/2021

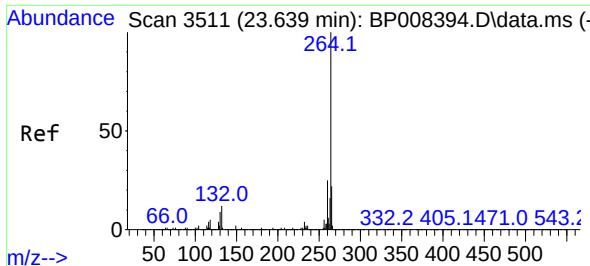


#83
Chrysene
Concen: 3.606 ng
RT: 21.304 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BP008413.D
Acq: 15 Dec 2021 12:59



Tgt Ion:228 Resp: 67306
Ion Ratio Lower Upper
228 100
226 30.8 24.0 36.0
229 20.6 15.8 23.8





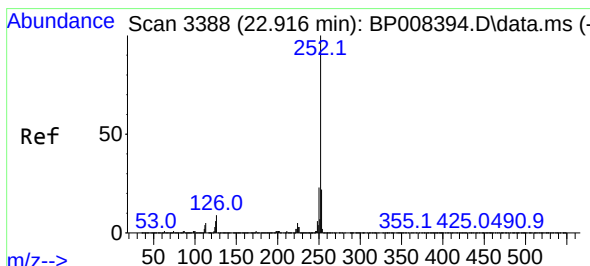
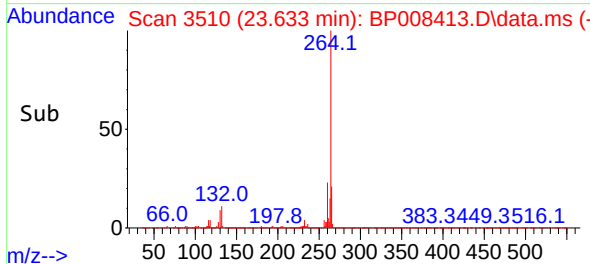
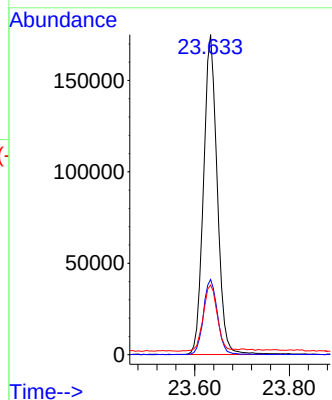
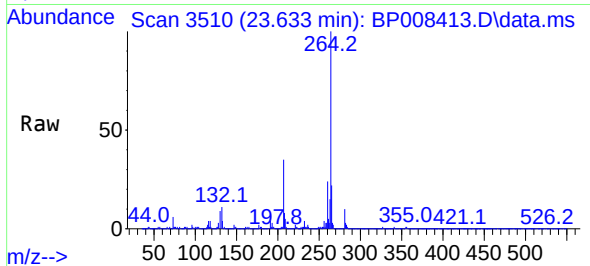
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.633 min Scan# 3511
Delta R.T. -0.006 min
Lab File: BP008413.D
Acq: 15 Dec 2021 12:59

Instrument :
BNA_P
ClientSampleId :
SB-19-G

Tgt Ion:264 Resp: 350718
Ion Ratio Lower Upper
264 100
260 23.5 19.4 29.2
265 21.7 17.6 26.4

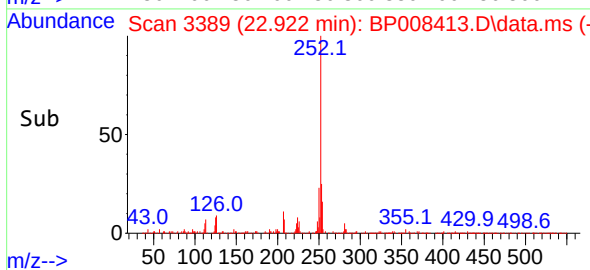
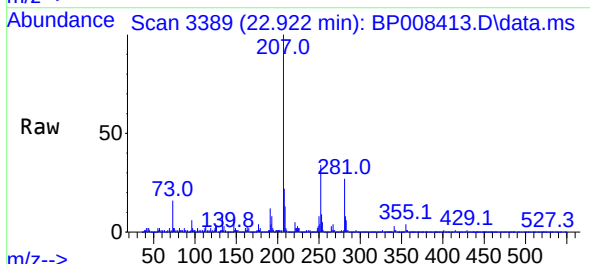
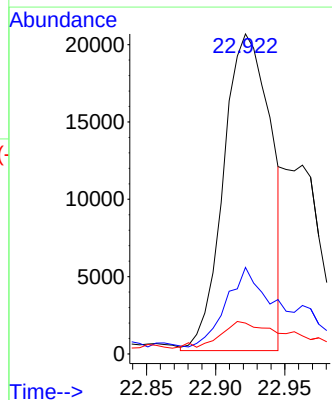
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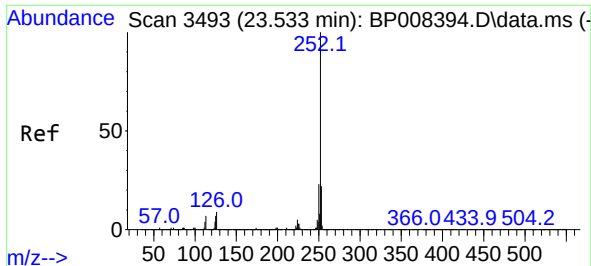
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :Jagrut Upadhyay 12/16/2021



#88
Benzo(b)fluoranthene
Concen: 2.304 ng m
RT: 22.922 min Scan# 3389
Delta R.T. 0.006 min
Lab File: BP008413.D
Acq: 15 Dec 2021 12:59

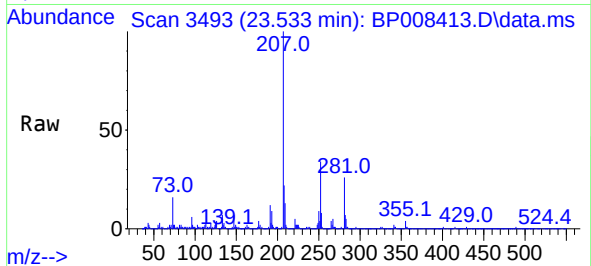
Tgt Ion:252 Resp: 48600
Ion Ratio Lower Upper
252 100
253 27.1 17.7 26.5#
125 9.6 6.2 9.4#





#90
Benzo(a)pyrene
Concen: 2.383 ng
RT: 23.533 min Scan# 3493
Delta R.T. 0.000 min
Lab File: BP008413.D
Acq: 15 Dec 2021 12:59

Instrument :
BNA_P
ClientSampleId :
SB-19-G



Tgt Ion: 252 Resp: 43630

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.6	26.4
125	9.3	7.4	11.0

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 12/16/2021
Supervised By : Jagrut Upadhyay 12/16/2021

