

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
 Data File : BP008215.D
 Acq On : 03 Dec 2021 20:50
 Operator : CG/JU
 Sample : M4915-01 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-1-7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/06/2021
 Supervised By :Sohil Jodhani 12/06/2021

Quant Time: Dec 06 00:00:54 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 03 14:39:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	115865	20.00	ng	0.00
21) Naphthalene-d8	10.593	136	448927	20.00	ng	0.00
39) Acenaphthene-d10	14.440	164	292290	20.00	ng	0.00
64) Phenanthrene-d10	17.204	188	575010	20.00	ng	0.00
76) Chrysene-d12	21.310	240	421162	20.00	ng	0.00
86) Perylene-d12	23.710	264	472104	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	96998	13.48	ng	0.00
7) Phenol-d6	6.981	99	121625	12.52	ng	0.00
23) Nitrobenzene-d5	8.952	82	84614	8.57	ng	-0.01
42) 2,4,6-Tribromophenol	15.945	330	49458	13.24	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	186983	9.29	ng	0.00
79) Terphenyl-d14	19.775	244	224877	11.16	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.163	152	62471	2.42	ng	97
71) Phenanthrene	17.245	178	232993	7.67	ng	99
72) Anthracene	17.339	178	80252	2.66	ng	98
75) Fluoranthene	19.222	202	535153	13.09	ng	99
78) Pyrene	19.575	202	492899	16.97	ng	98
81) Benzo(a)anthracene	21.292	228	297334	10.65	ng	97
83) Chrysene	21.345	228	270238	10.17	ng	96
87) Indeno(1,2,3-cd)pyrene	26.210	276	243905	7.10	ng	# 94
88) Benzo(b)fluoranthene	22.980	252	415448	14.60	ng	# 94
89) Benzo(k)fluoranthene	23.021	252	127393m	4.57	ng	
90) Benzo(a)pyrene	23.604	252	297237	12.22	ng	# 94
92) Benzo(g,h,i)perylene	26.986	276	233967	8.13	ng	97

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

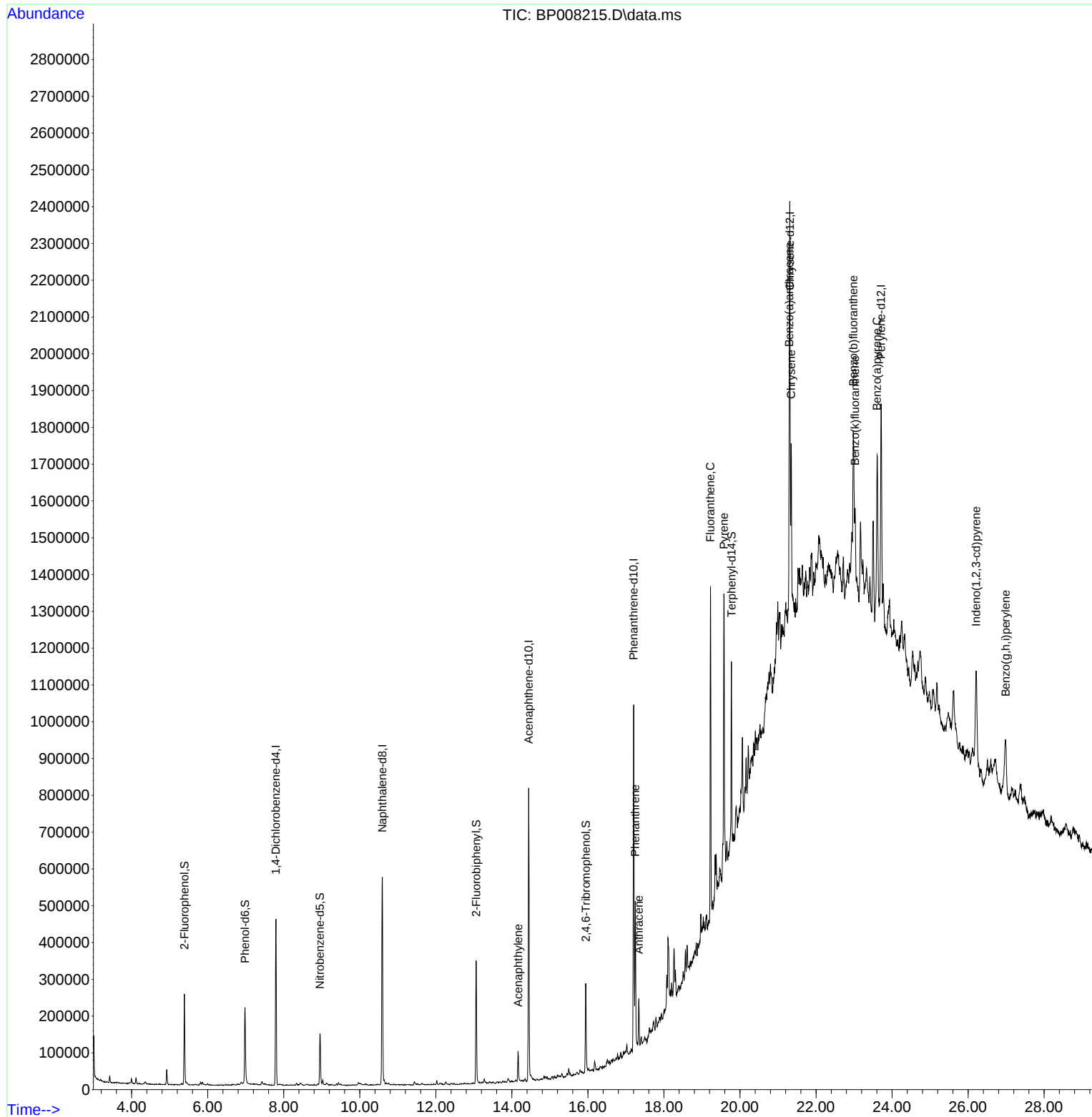
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Data File : BP008215.D
Acq On : 03 Dec 2021 20:50
Operator : CG/JU
Sample : M4915-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

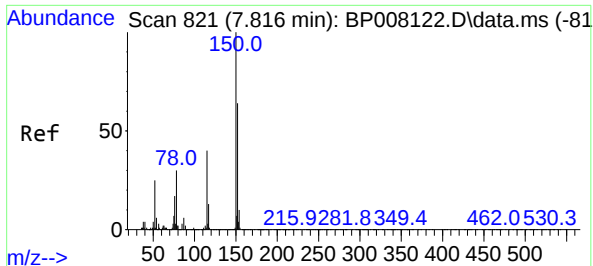
Instrument :
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ClientSampleId :
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Quant Time: Dec 06 00:00:54 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 03 14:39:24 2021
Response via : Initial Calibration

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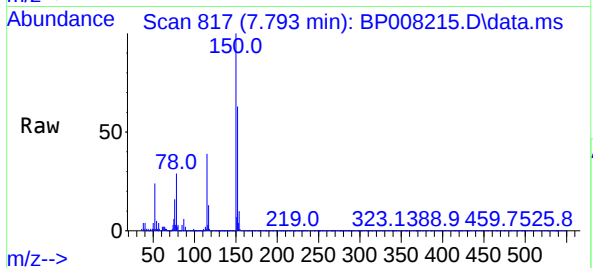
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.793 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008215.D
Acq: 03 Dec 2021 20:50

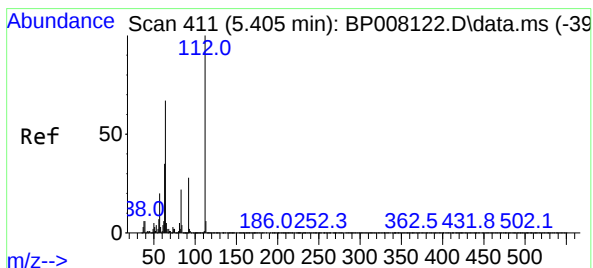
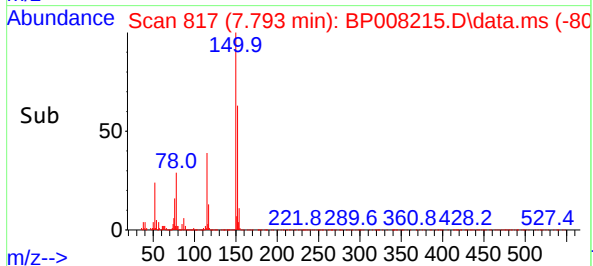
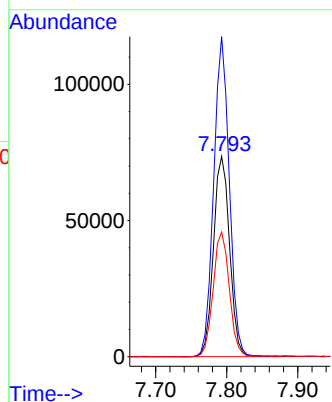
Instrument :
BNA_P
ClientSampleId :
B-1-7



Tgt Ion:152 Resp: 11586
Ion Ratio Lower Upper
152 100
150 159.7 125.7 188.5
115 62.2 50.7 76.1

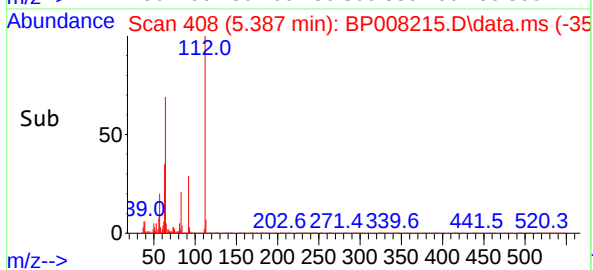
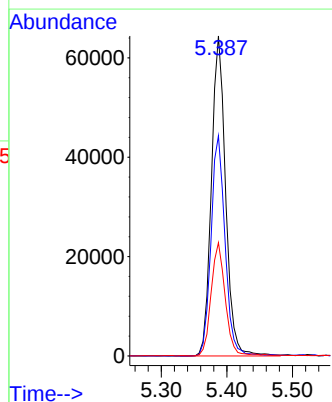
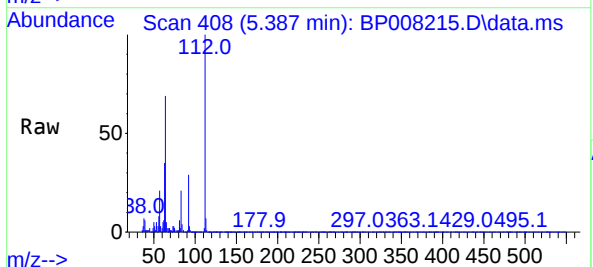
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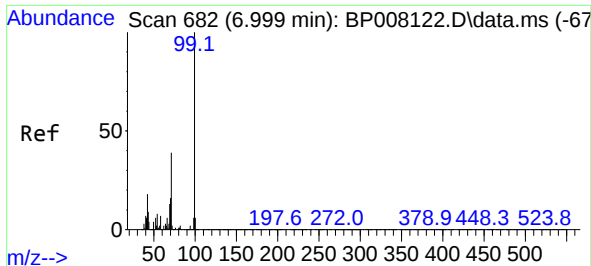
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Supervised By :Sohil Jodhani 12/06/2021



#5
2-Fluorophenol
Concen: 13.48 ng
RT: 5.387 min Scan# 408
Delta R.T. 0.000 min
Lab File: BP008215.D
Acq: 03 Dec 2021 20:50

Tgt Ion:112 Resp: 96998
Ion Ratio Lower Upper
112 100
64 68.8 53.4 80.2
63 35.4 27.8 41.8





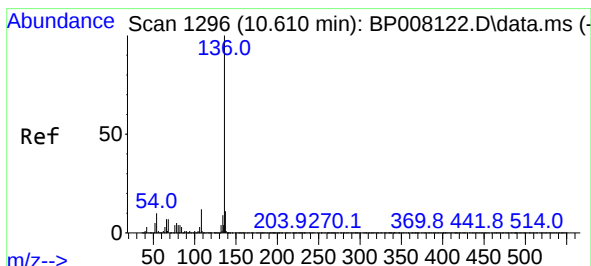
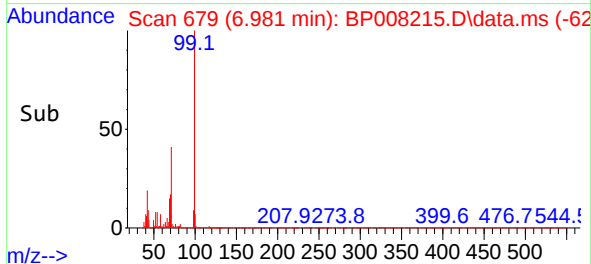
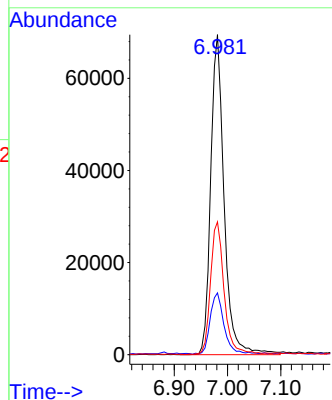
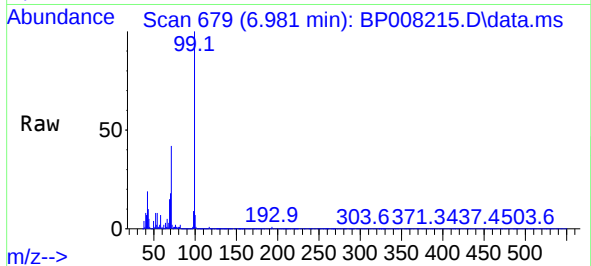
#7
Phenol-d6
Concen: 12.52 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008215.D
Acq: 03 Dec 2021 20:50

Instrument :
BNA_P
ClientSampleId :
B-1-7

Tgt Ion: 99 Resp: 12162
Ion Ratio Lower Upper
99 100
42 19.3 14.6 22.0
71 41.5 31.1 46.7

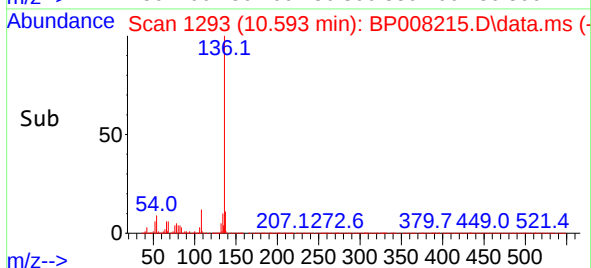
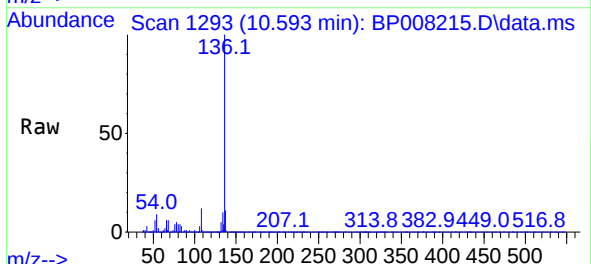
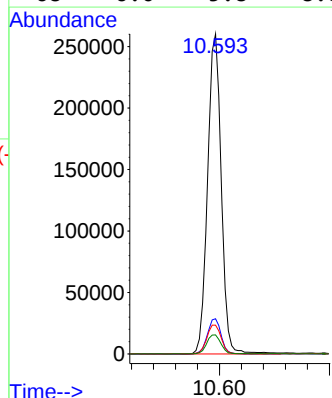
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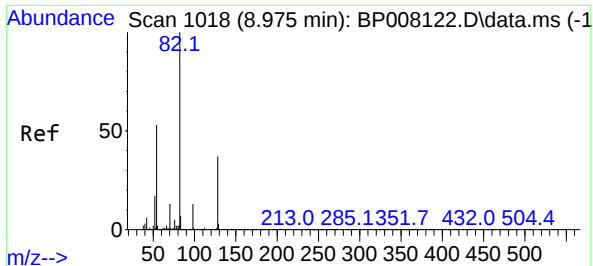
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Supervised By :Sohil Jodhani 12/06/2021



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP008215.D
Acq: 03 Dec 2021 20:50

Tgt Ion:136 Resp: 448927
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 9.0 8.2 12.4
68 6.0 5.8 8.8





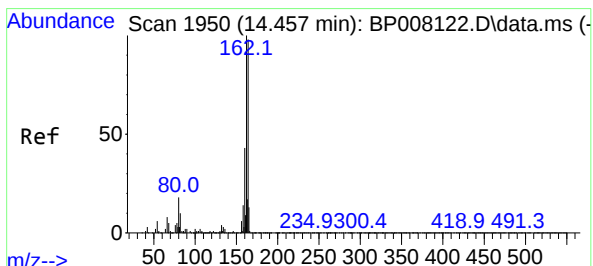
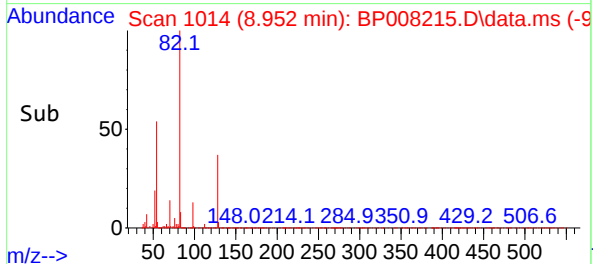
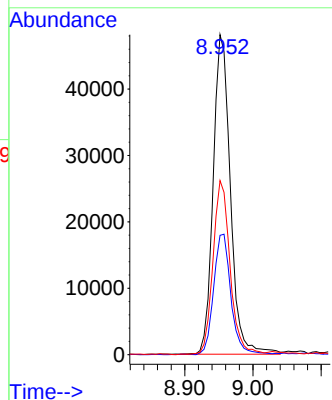
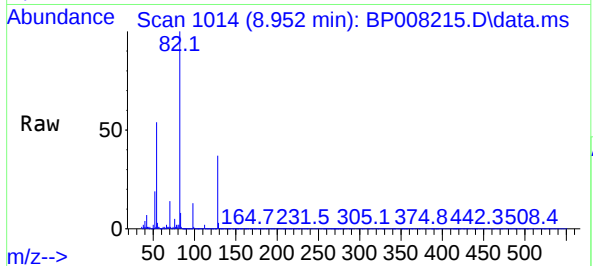
#23
Nitrobenzene-d5
Concen: 8.57 ng
RT: 8.952 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP008215.D
Acq: 03 Dec 2021 20:50

Instrument :
BNA_P
ClientSampleId :
B-1-7

Tgt Ion: 82 Resp: 84614
Ion Ratio Lower Upper
82 100
128 37.3 29.6 44.4
54 54.4 42.7 64.1

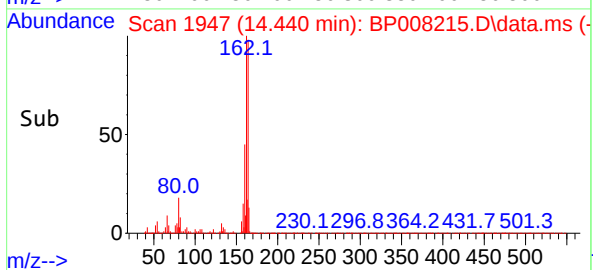
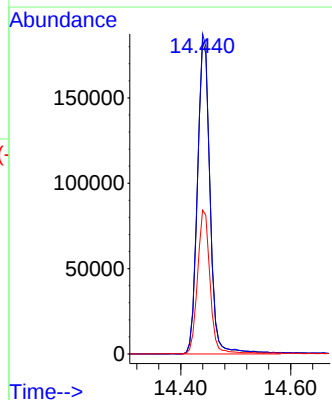
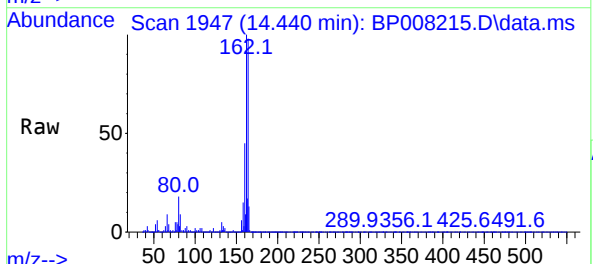
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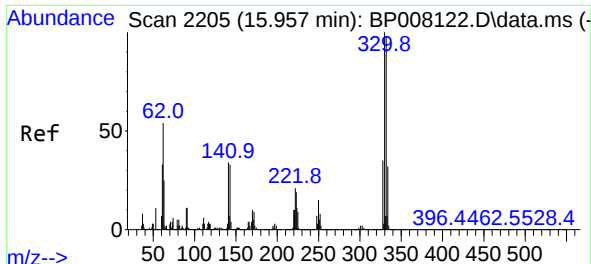
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.440 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP008215.D
Acq: 03 Dec 2021 20:50

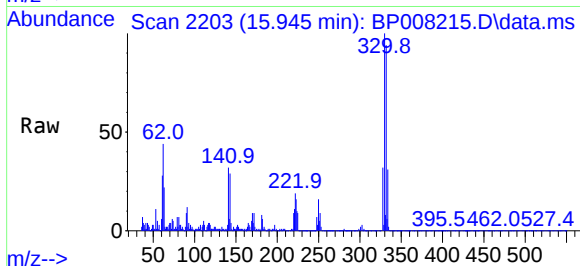
Tgt Ion:164 Resp: 292290
Ion Ratio Lower Upper
164 100
162 102.1 81.9 122.9
160 45.9 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 13.24 ng
RT: 15.945 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008215.D
Acq: 03 Dec 2021 20:50

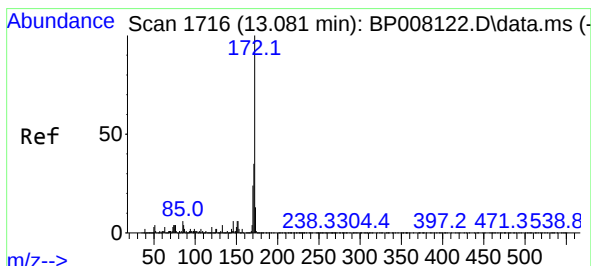
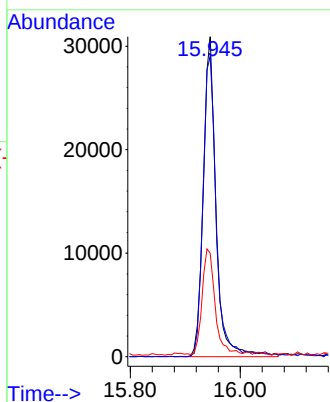
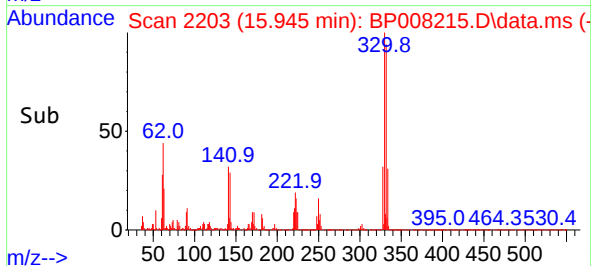
Instrument :
BNA_P
ClientSampleId :
B-1-7



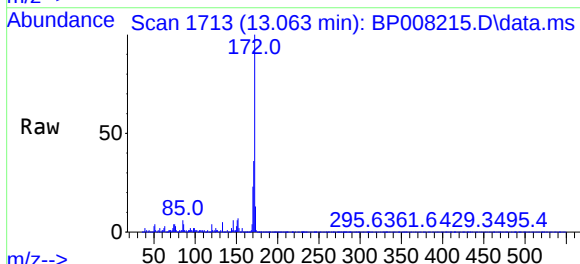
Tgt Ion:330 Resp: 4945
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.4
141 33.4 28.4 42.6

Manual Integrations
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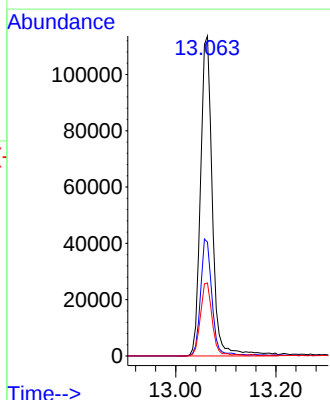
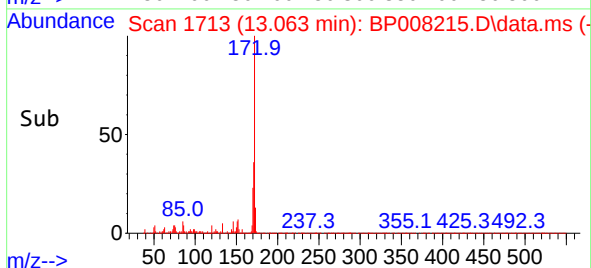
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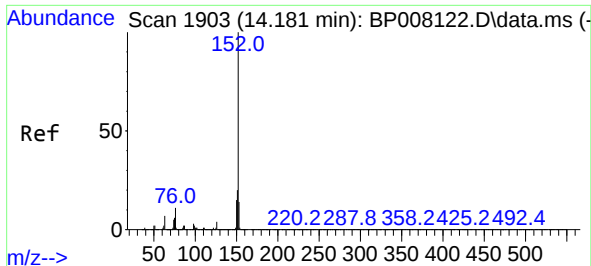


#45
2-Fluorobiphenyl
Concen: 9.29 ng
RT: 13.063 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP008215.D
Acq: 03 Dec 2021 20:50



Tgt Ion:172 Resp: 186983
Ion Ratio Lower Upper
172 100
171 35.6 28.0 42.0
170 22.8 18.9 28.3





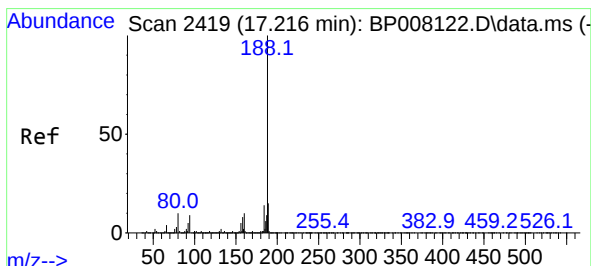
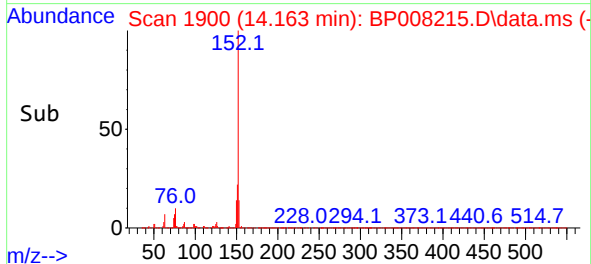
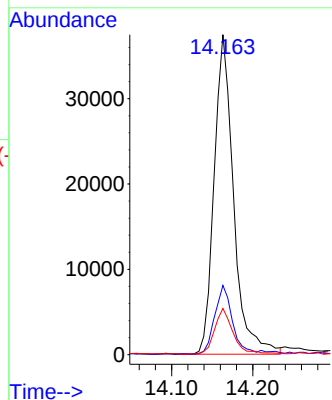
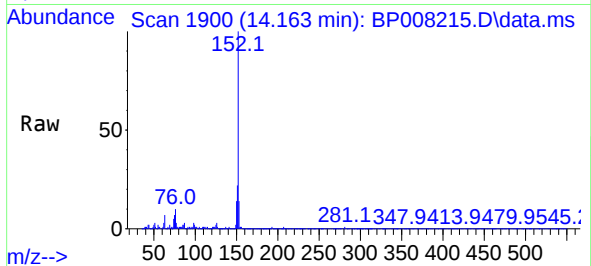
#49
Acenaphthylene
Concen: 2.42 ng
RT: 14.163 min Scan# 1903
Delta R.T. -0.006 min
Lab File: BP008215.D
Acq: 03 Dec 2021 20:50

Instrument :
BNA_P
ClientSampleId :
B-1-7

Tgt Ion:152 Resp: 6247
Ion Ratio Lower Upper
152 100
151 21.7 16.2 24.4
153 14.5 10.9 16.3

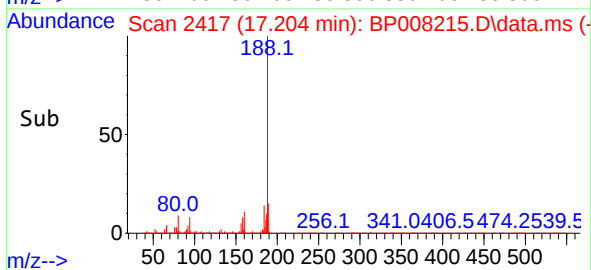
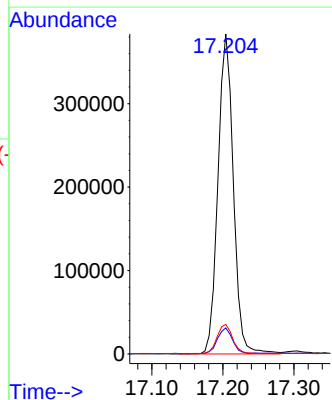
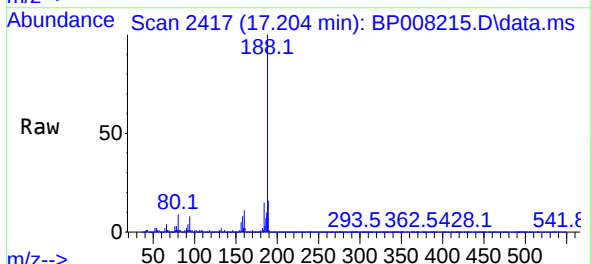
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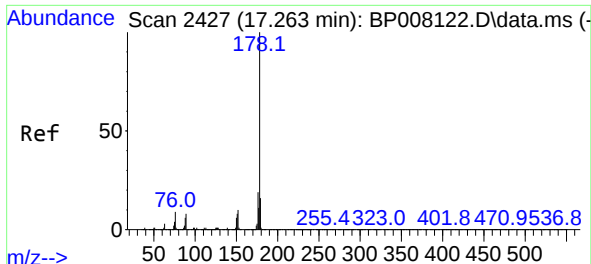
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.204 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BP008215.D
Acq: 03 Dec 2021 20:50

Tgt Ion:188 Resp: 575010
Ion Ratio Lower Upper
188 100
94 8.1 7.2 10.8
80 9.3 8.2 12.4





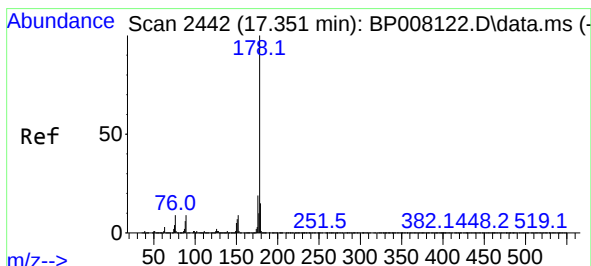
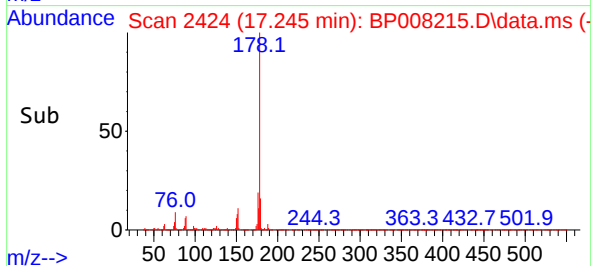
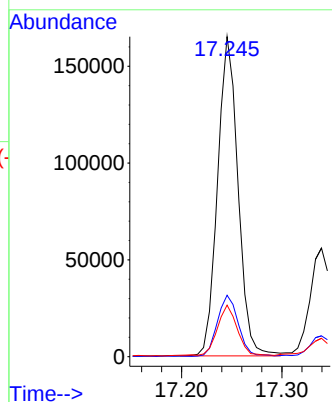
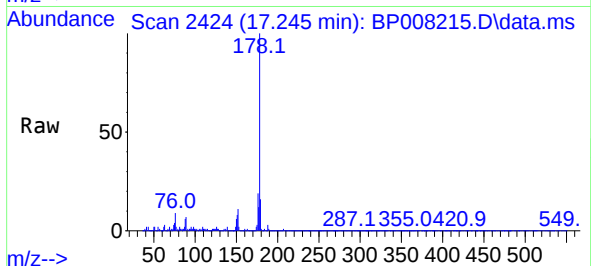
#71
Phenanthrene
Concen: 7.67 ng
RT: 17.245 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BP008215.D
Acq: 03 Dec 2021 20:50

Instrument :
BNA_P
ClientSampleId :
B-1-7

Tgt Ion:178 Resp: 23299
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 16.1 12.5 18.7

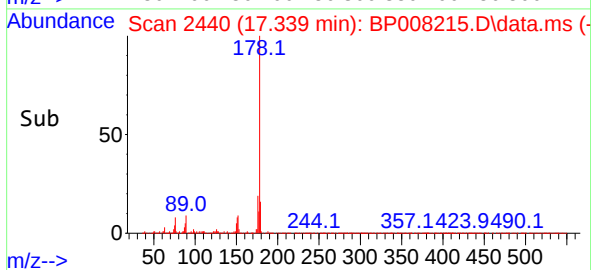
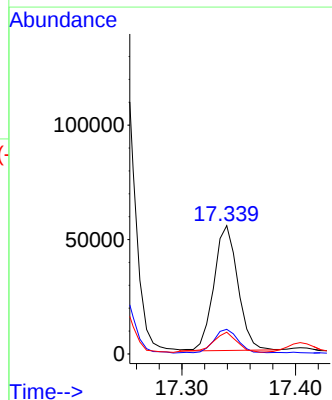
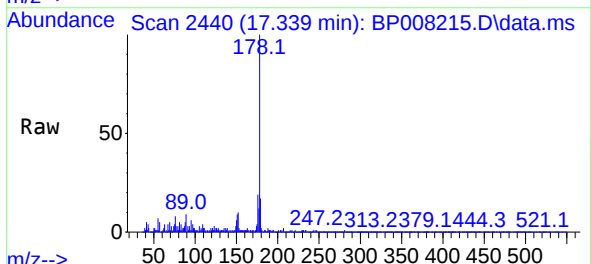
Manual Integrations
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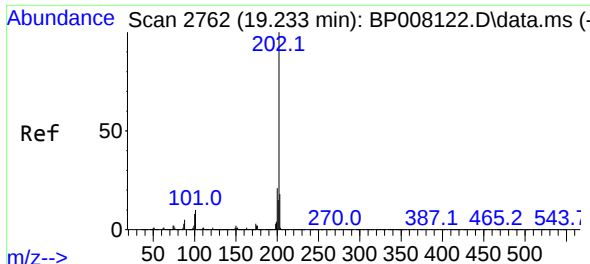
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021



#72
Anthracene
Concen: 2.66 ng
RT: 17.339 min Scan# 2440
Delta R.T. -0.006 min
Lab File: BP008215.D
Acq: 03 Dec 2021 20:50

Tgt Ion:178 Resp: 80252
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 17.0 12.3 18.5





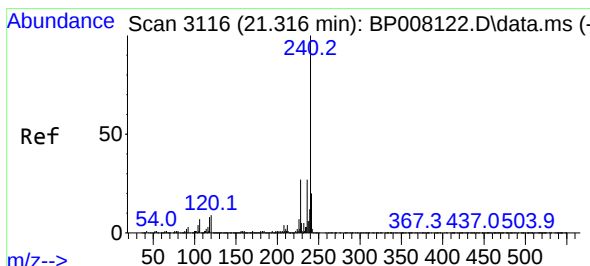
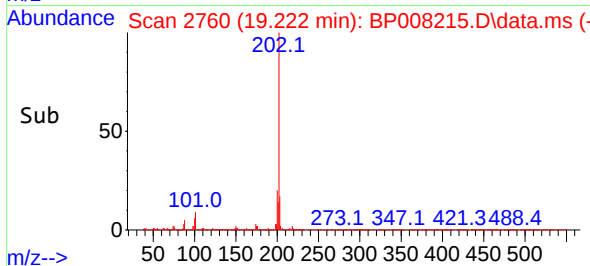
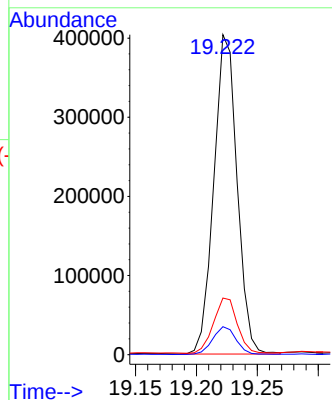
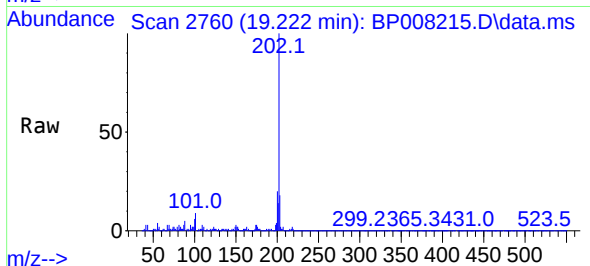
#75
Fluoranthene
Concen: 13.09 ng
RT: 19.222 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP008215.D
Acq: 03 Dec 2021 20:50

Instrument :
BNA_P
ClientSampleId :
B-1-7

Tgt Ion:202 Resp: 53515
Ion Ratio Lower Upper
202 100
101 8.7 0.0 29.8
203 17.7 0.0 37.7

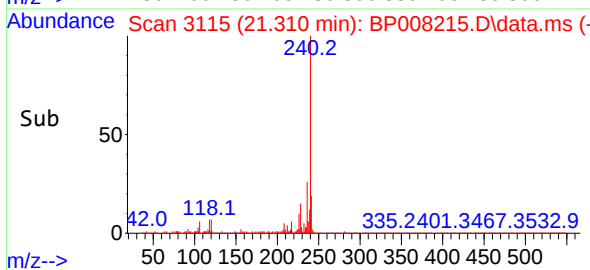
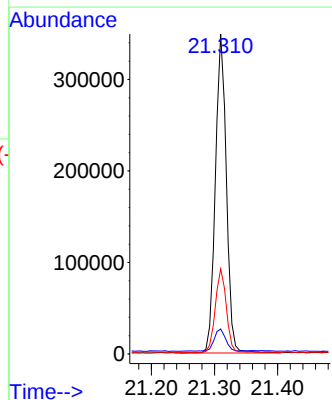
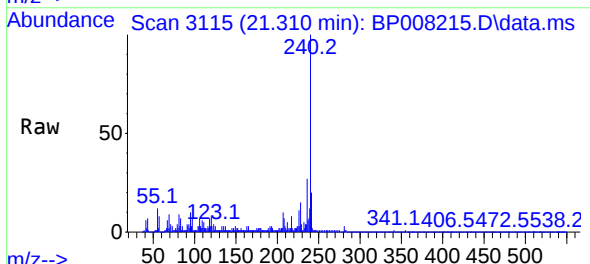
Manual Integrations
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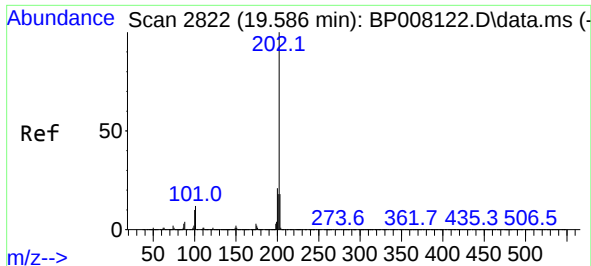
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Supervised By :Sohil Jodhani 12/06/2021



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP008215.D
Acq: 03 Dec 2021 20:50

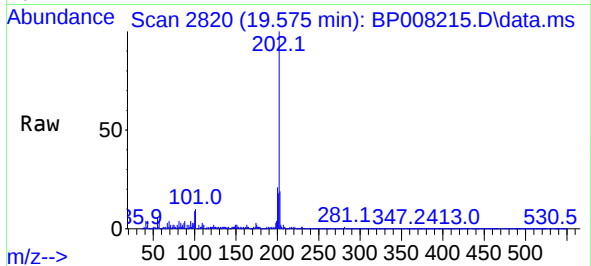
Tgt Ion:240 Resp: 421162
Ion Ratio Lower Upper
240 100
120 7.8 7.3 10.9
236 26.6 21.4 32.2





#78
Pyrene
Concen: 16.97 ng
RT: 19.575 min Scan# 2820
Delta R.T. -0.012 min
Lab File: BP008215.D
Acq: 03 Dec 2021 20:50

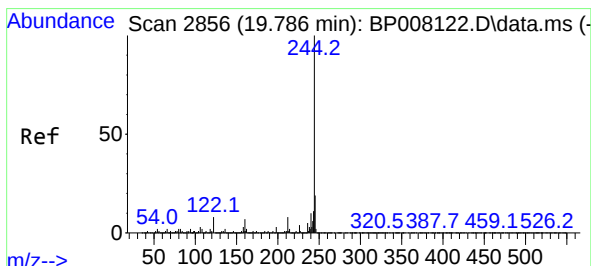
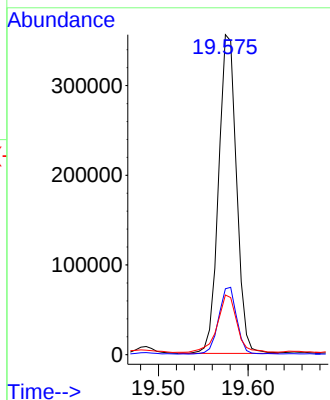
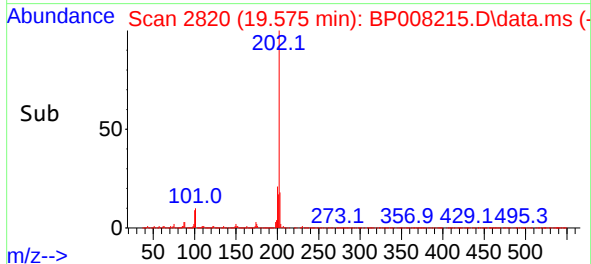
Instrument :
BNA_P
ClientSampleId :
B-1-7



Tgt Ion:202 Resp: 492895
Ion Ratio Lower Upper
202 100
200 20.6 17.1 25.7
203 18.7 14.2 21.2

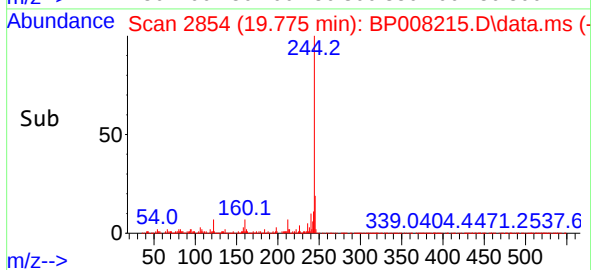
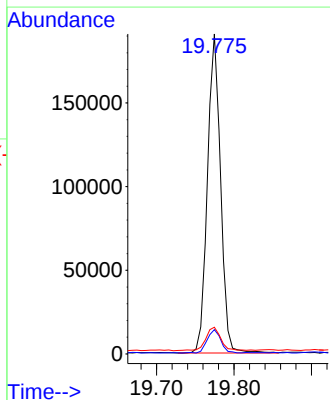
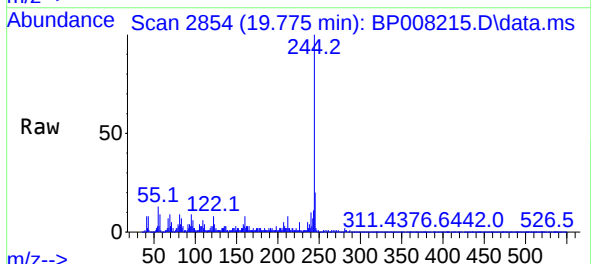
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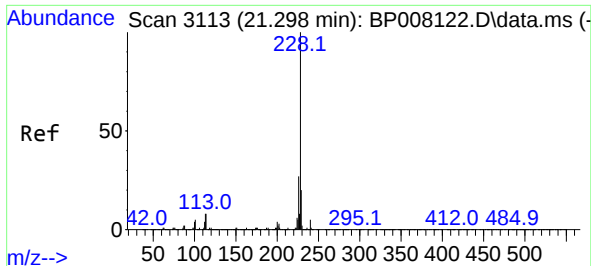
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021



#79
Terphenyl-d14
Concen: 11.16 ng
RT: 19.775 min Scan# 2854
Delta R.T. -0.006 min
Lab File: BP008215.D
Acq: 03 Dec 2021 20:50

Tgt Ion:244 Resp: 224877
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 8.3 6.6 9.8





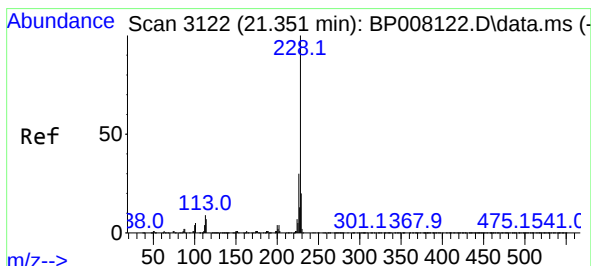
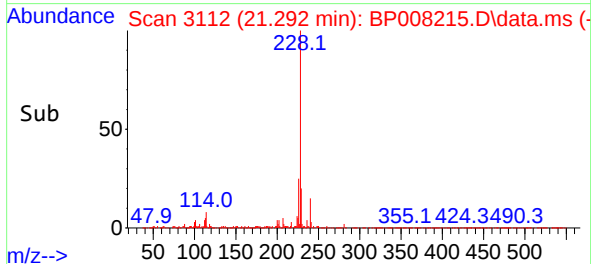
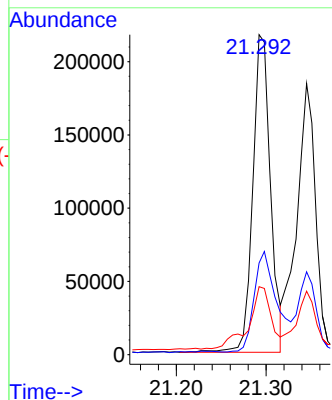
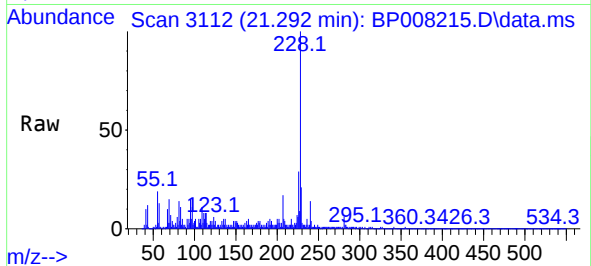
#81
Benzo(a)anthracene
Concen: 10.65 ng
RT: 21.292 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP008215.D
Acq: 03 Dec 2021 20:50

Instrument :
BNA_P
ClientSampleId :
B-1-7

Tgt Ion:228 Resp: 297334
Ion Ratio Lower Upper
228 100
226 28.6 21.9 32.9
229 21.2 15.9 23.9

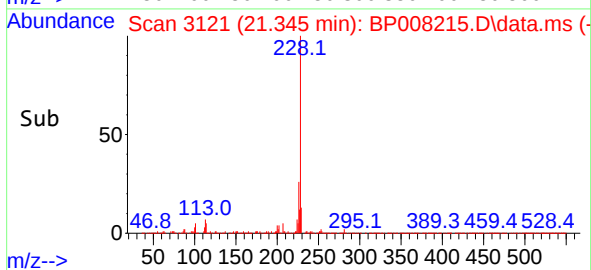
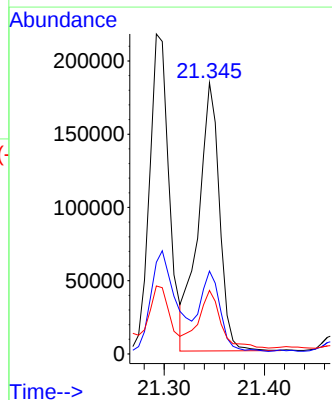
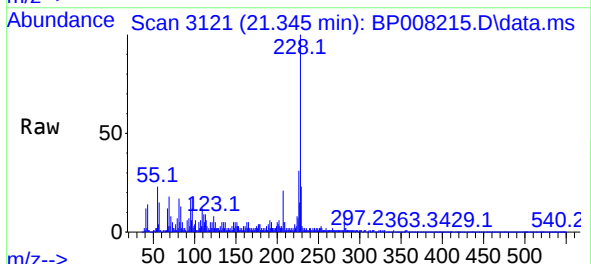
Manual Integrations
APPROVED

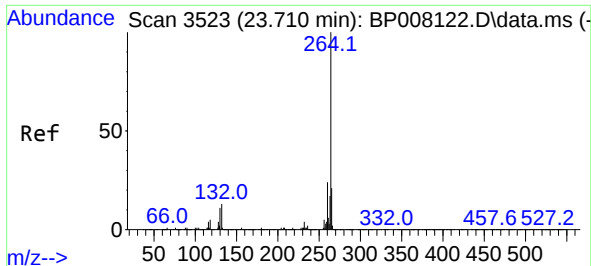
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021



#83
Chrysene
Concen: 10.17 ng
RT: 21.345 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BP008215.D
Acq: 03 Dec 2021 20:50

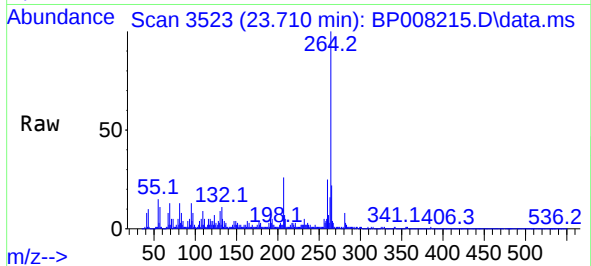
Tgt Ion:228 Resp: 270238
Ion Ratio Lower Upper
228 100
226 30.6 24.0 36.0
229 23.4 15.8 23.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.710 min Scan# 3523
Delta R.T. -0.006 min
Lab File: BP008215.D
Acq: 03 Dec 2021 20:50

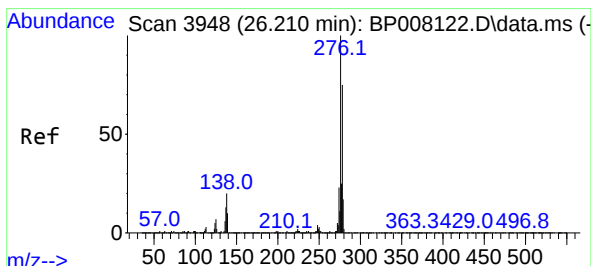
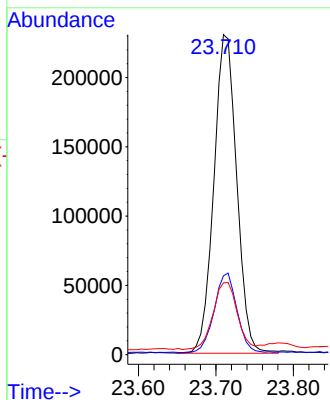
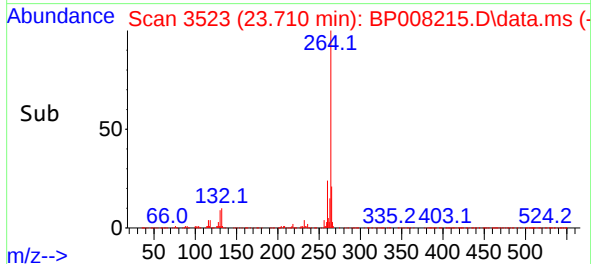
Instrument :
BNA_P
ClientSampleId :
B-1-7



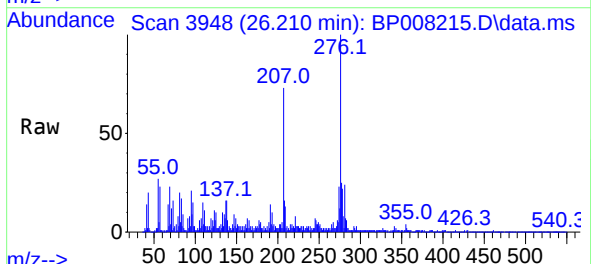
Tgt Ion:264 Resp: 472104
Ion Ratio Lower Upper
264 100
260 24.7 19.4 29.2
265 22.5 17.6 26.4

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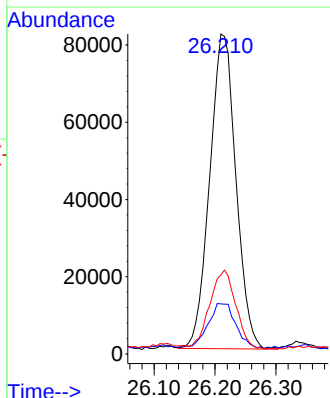
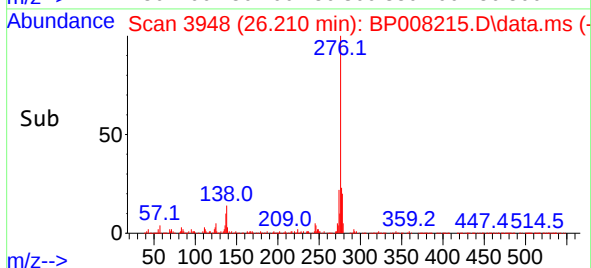
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021

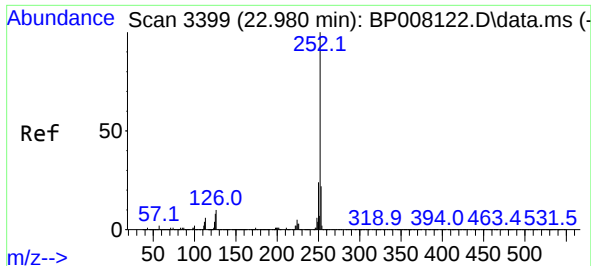


#87
Indeno(1,2,3-cd)pyrene
Concen: 7.10 ng
RT: 26.210 min Scan# 3948
Delta R.T. -0.018 min
Lab File: BP008215.D
Acq: 03 Dec 2021 20:50



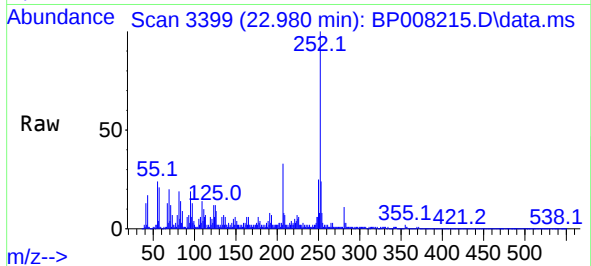
Tgt Ion:276 Resp: 243905
Ion Ratio Lower Upper
276 100
138 15.3 16.6 25.0#
277 25.0 20.2 30.2





#88
Benzo(b)fluoranthene
Concen: 14.60 ng
RT: 22.980 min Scan# 318
Delta R.T. -0.006 min
Lab File: BP008215.D
Acq: 03 Dec 2021 20:50

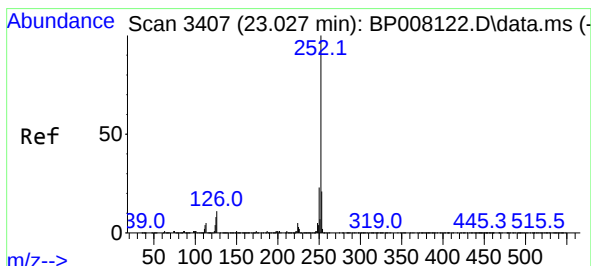
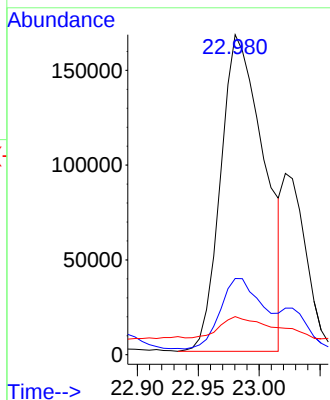
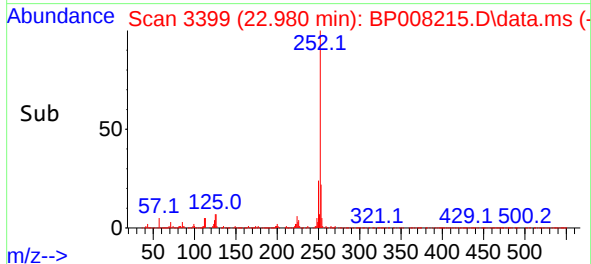
Instrument :
BNA_P
ClientSampleId :
B-1-7



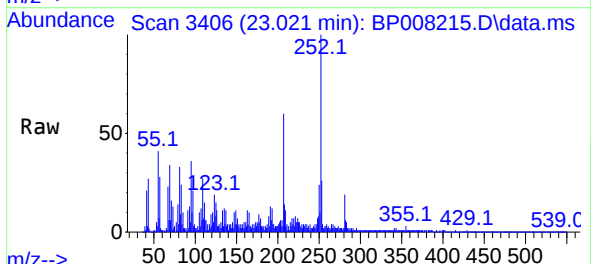
Tgt Ion:252 Resp: 41544
Ion Ratio Lower Upper
252 100
253 23.8 17.7 26.5
125 11.9 6.2 9.4

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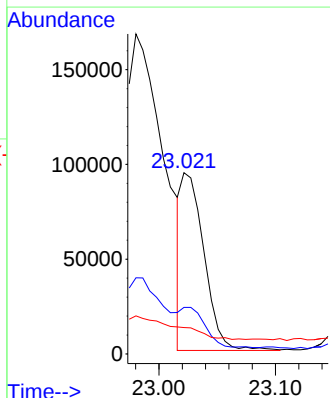
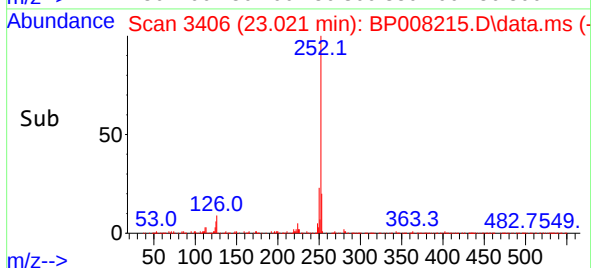
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021

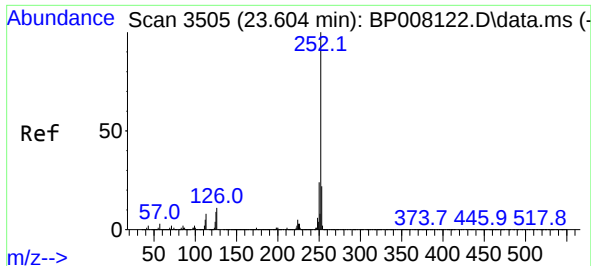


#89
Benzo(k)fluoranthene
Concen: 4.57 ng m
RT: 23.021 min Scan# 3406
Delta R.T. -0.012 min
Lab File: BP008215.D
Acq: 03 Dec 2021 20:50



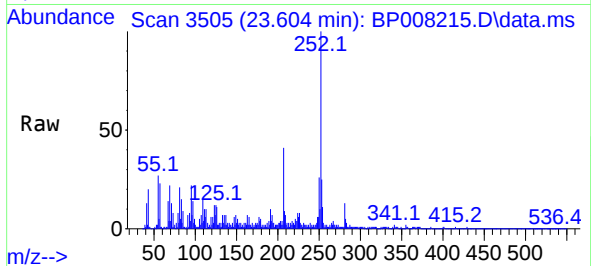
Tgt Ion:252 Resp: 127393
Ion Ratio Lower Upper
252 100
253 25.6 17.3 25.9
125 14.5 6.5 9.7





#90
Benzo(a)pyrene
Concen: 12.22 ng
RT: 23.604 min Scan# 3505
Delta R.T. -0.006 min
Lab File: BP008215.D
Acq: 03 Dec 2021 20:50

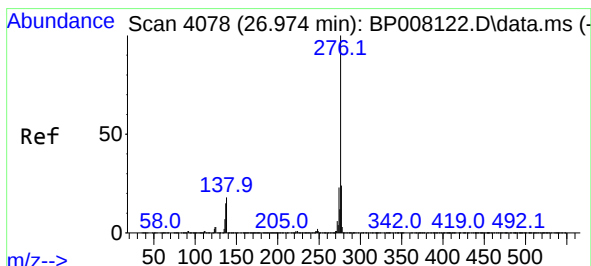
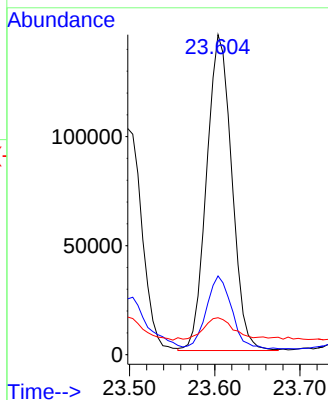
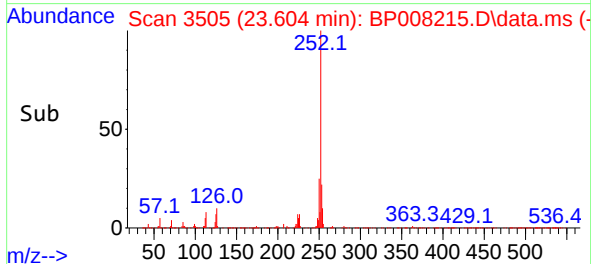
Instrument :
BNA_P
ClientSampleId :
B-1-7



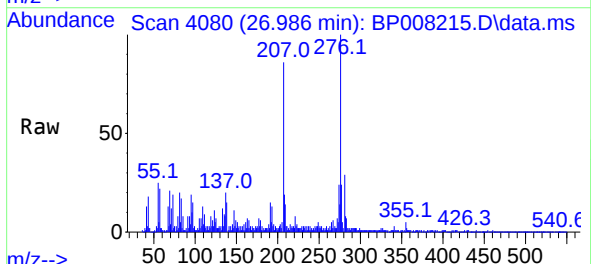
Tgt Ion: 252 Resp: 29723
Ion Ratio Lower Upper
252 100
253 24.6 17.6 26.4
125 11.6 7.4 11.0

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Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021



#92
Benzo(g,h,i)perylene
Concen: 8.13 ng
RT: 26.986 min Scan# 4080
Delta R.T. -0.012 min
Lab File: BP008215.D
Acq: 03 Dec 2021 20:50



Tgt Ion: 276 Resp: 233967
Ion Ratio Lower Upper
276 100
277 24.1 20.0 30.0
138 15.4 14.1 21.1

