

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112321\
 Data File : BP008100.D
 Acq On : 23 Nov 2021 17:21
 Operator : CG/JU
 Sample : M4811-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20071

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/24/2021
 Supervised By :Sohil Jodhani 11/30/2021

Quant Time: Nov 24 00:07:01 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 20 00:21:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	144743	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	482406	20.000	ng	-0.01
39) Acenaphthene-d10	14.463	164	223184	20.000	ng	0.00
64) Phenanthrene-d10	17.233	188	359779	20.000	ng	# 0.00
76) Chrysene-d12	21.327	240	519550	20.000	ng	0.00
86) Perylene-d12	23.721	264	623621	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	810654	95.729	ng	0.00
7) Phenol-d6	6.999	99	1021791	87.047	ng	-0.01
23) Nitrobenzene-d5	8.981	82	680299	63.975	ng	-0.01
42) 2,4,6-Tribromophenol	15.963	330	215717	76.375	ng	0.00
45) 2-Fluorobiphenyl	13.087	172	1070092	75.077	ng	0.00
79) Terphenyl-d14	19.798	244	1328068	50.256	ng	0.00
Target Compounds						Qvalue
60) Diethylphthalate	15.292	149	107493	6.200	ng	# 75
71) Phenanthrene	17.275	178	100126	5.165	ng	# 57
74) Di-n-butylphthalate	18.192	149	65528	3.085	ng	# 46
75) Fluoranthene	19.251	202	111155	4.449	ng	78
78) Pyrene	19.604	202	120789	3.424	ng	# 83
81) Benzo(a)anthracene	21.310	228	107638	3.089	ng	# 77
83) Chrysene	21.363	228	157839	4.774	ng	# 89
87) Indeno(1,2,3-cd)pyrene	26.215	276	138807	3.208	ng	98
88) Benzo(b)fluoranthene	22.992	252	294564m	7.555	ng	
89) Benzo(k)fluoranthene	23.033	252	78624m	2.027	ng	
90) Benzo(a)pyrene	23.610	252	123090	3.767	ng	# 88
92) Benzo(g,h,i)perylene	26.986	276	133941	3.796	ng	98

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

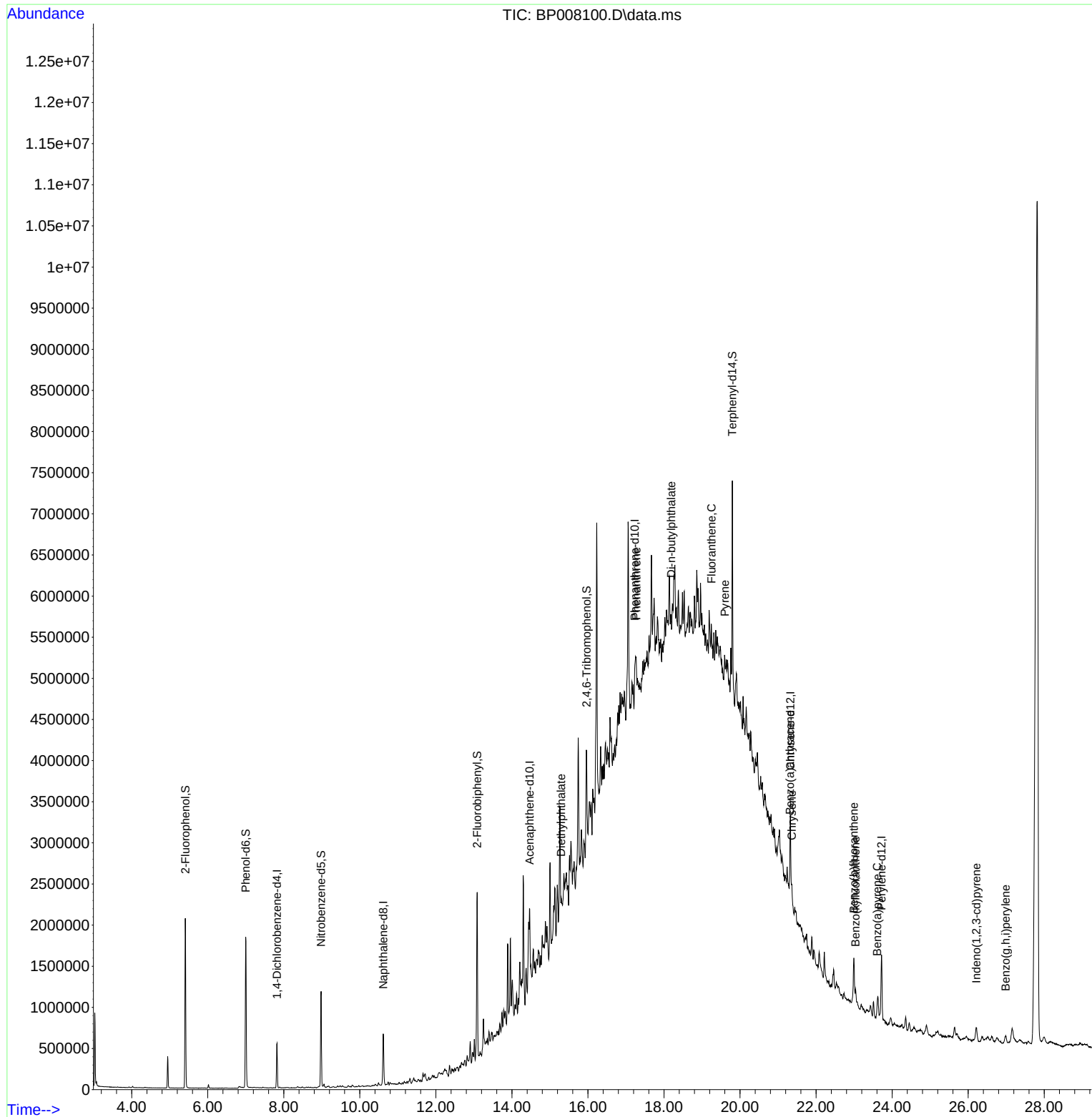
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112321\
Data File : BP008100.D
Acq On : 23 Nov 2021 17:21
Operator : CG/JU
Sample : M4811-01
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ALS Vial : 8 Sample Multiplier: 1

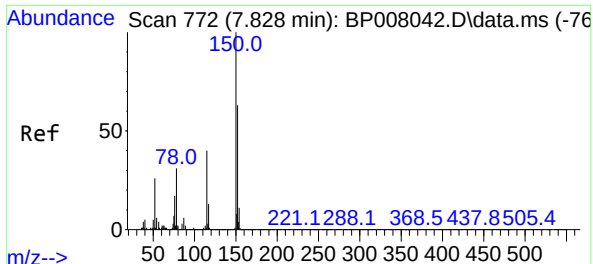
Instrument :
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ClientSampleId :
20071

Quant Time: Nov 24 00:07:01 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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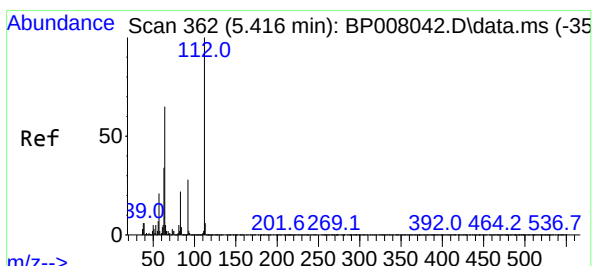
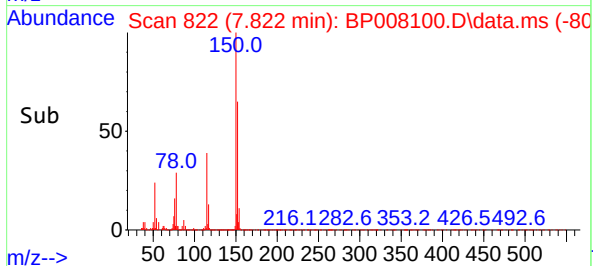
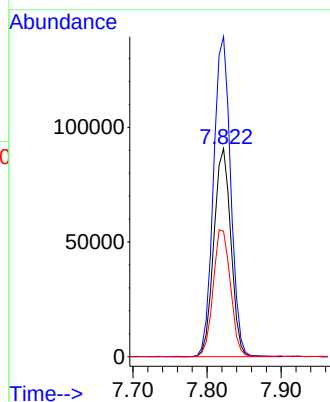
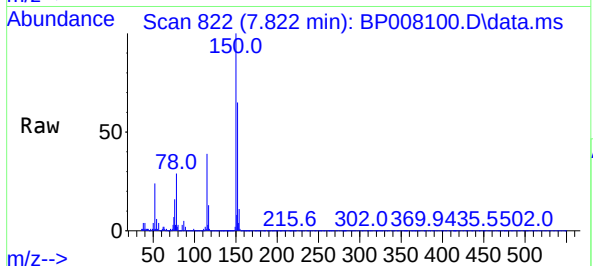
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008100.D
Acq: 23 Nov 2021 17:21

Instrument :
BNA_P
ClientSampleId :
20071

Tgt Ion:152 Resp: 14474
Ion Ratio Lower Upper
152 100
150 153.8 126.5 189.7
115 60.2 50.6 75.8

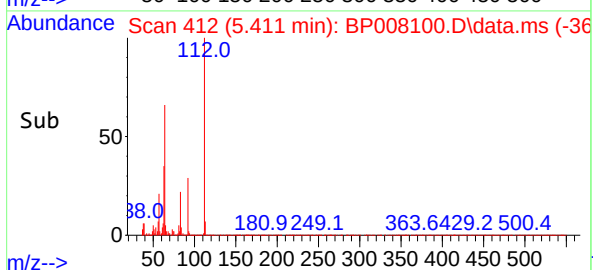
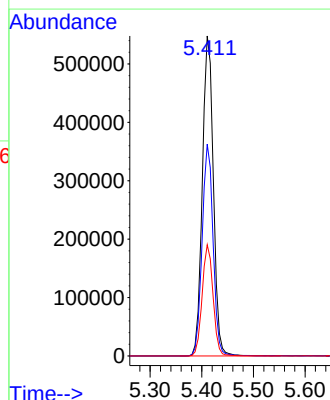
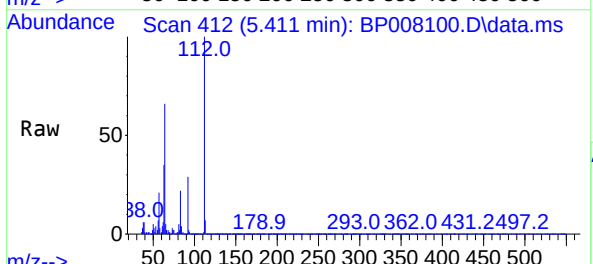
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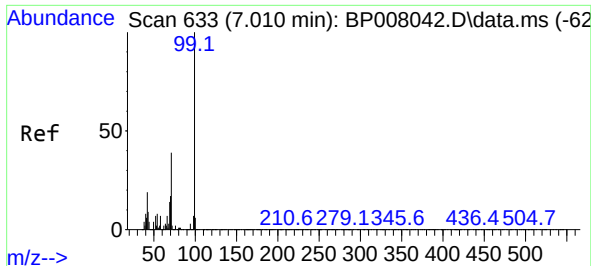
Reviewed By :Jagrut Upadhyay 11/24/2021
Supervised By :Sohil Jodhani 11/30/2021



#5
2-Fluorophenol
Concen: 95.729 ng
RT: 5.411 min Scan# 412
Delta R.T. -0.005 min
Lab File: BP008100.D
Acq: 23 Nov 2021 17:21

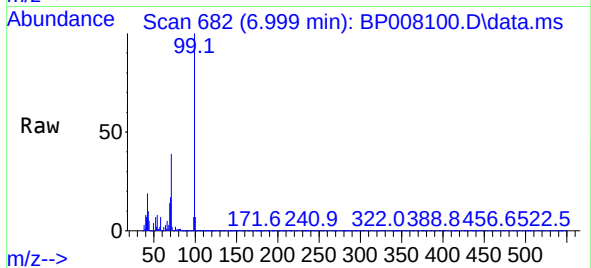
Tgt Ion:112 Resp: 810654
Ion Ratio Lower Upper
112 100
64 66.2 51.7 77.5
63 34.8 27.4 41.0





#7
Phenol-d6
Concen: 87.047 ng
RT: 6.999 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP008100.D
Acq: 23 Nov 2021 17:21

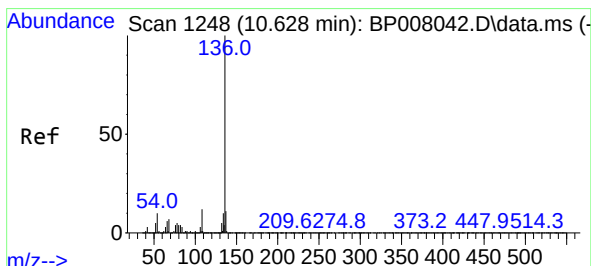
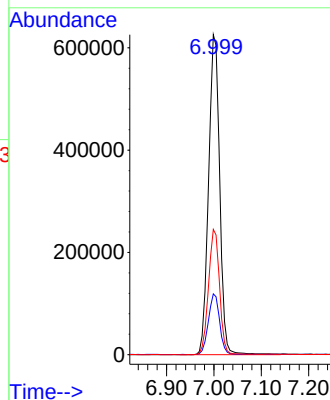
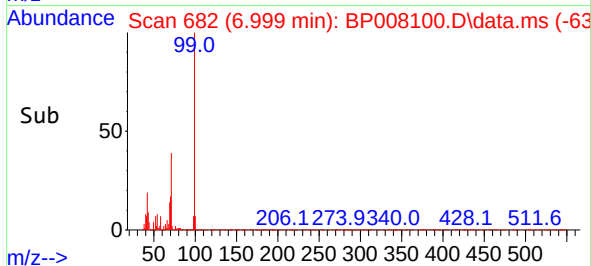
Instrument :
BNA_P
ClientSampleId :
20071



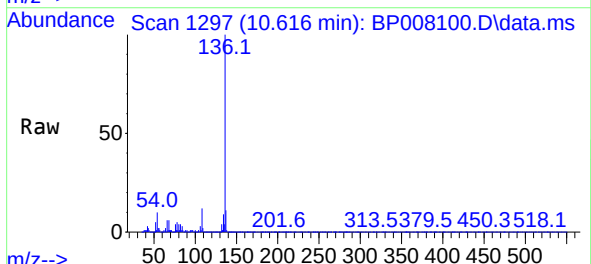
Tgt Ion: 99 Resp: 102179
Ion Ratio Lower Upper
99 100
42 19.0 15.4 23.2
71 39.1 31.0 46.6

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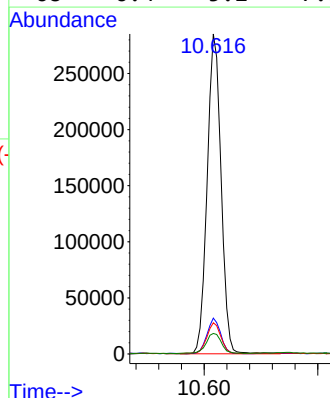
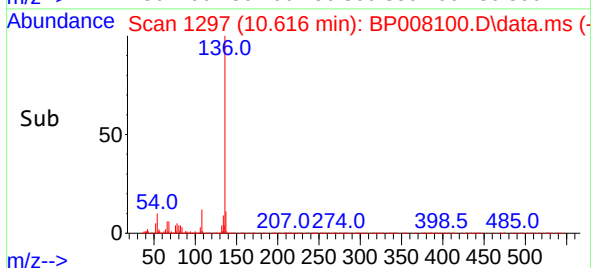
Reviewed By :Jagrut Upadhyay 11/24/2021
Supervised By :Sohil Jodhani 11/30/2021

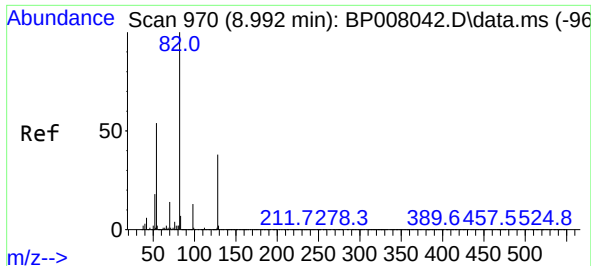


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.616 min Scan# 1297
Delta R.T. -0.012 min
Lab File: BP008100.D
Acq: 23 Nov 2021 17:21



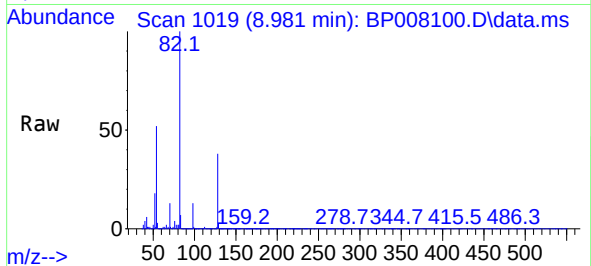
Tgt Ion:136 Resp: 482406
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 9.7 8.0 12.0
68 6.4 5.2 7.8





#23
Nitrobenzene-d5
Concen: 63.975 ng
RT: 8.981 min Scan# 10
Delta R.T. -0.011 min
Lab File: BP008100.D
Acq: 23 Nov 2021 17:21

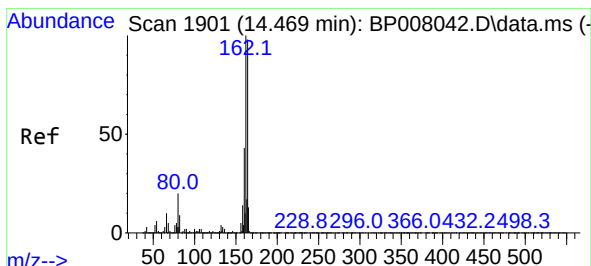
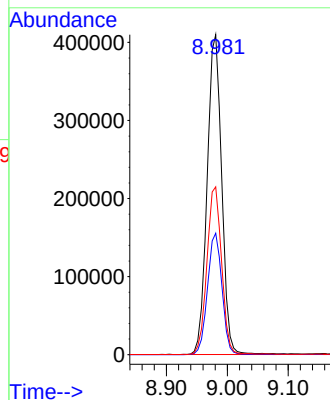
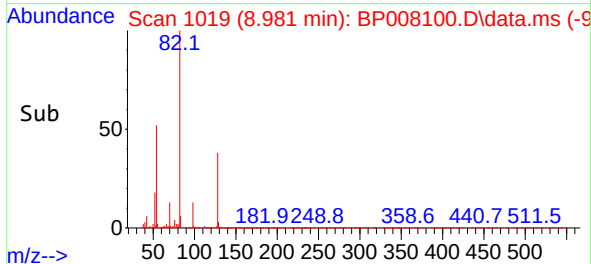
Instrument :
BNA_P
ClientSampleId :
20071



Tgt Ion: 82 Resp: 680299
Ion Ratio Lower Upper
82 100
128 38.0 30.2 45.2
54 52.4 43.1 64.7

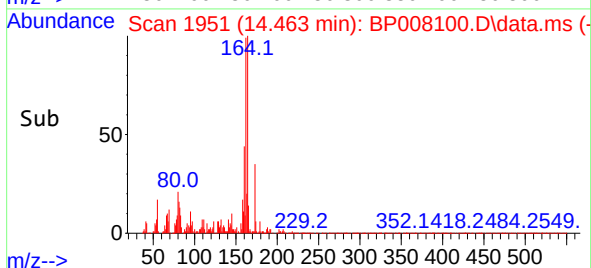
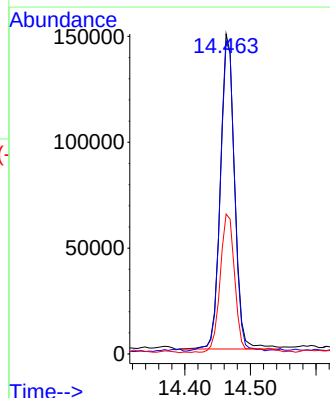
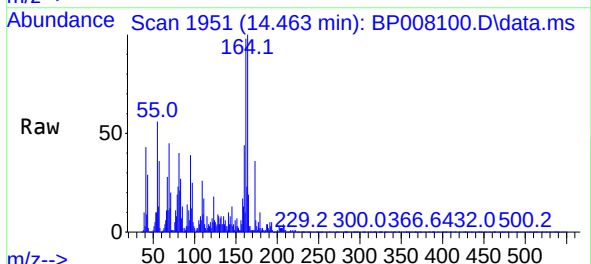
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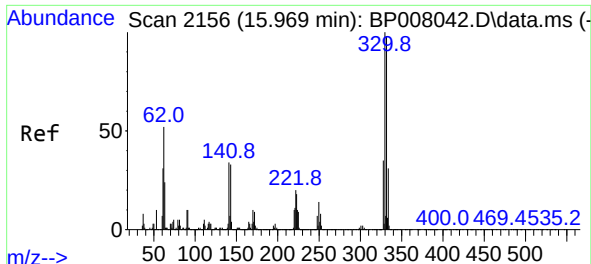
Reviewed By :Jagrut Upadhyay 11/24/2021
Supervised By :Sohil Jodhani 11/30/2021



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BP008100.D
Acq: 23 Nov 2021 17:21

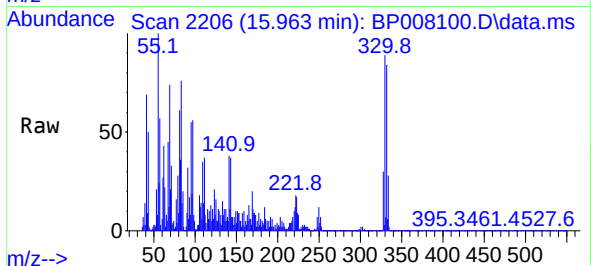
Tgt Ion:164 Resp: 223184
Ion Ratio Lower Upper
164 100
162 97.8 81.8 122.8
160 43.7 35.1 52.7





#42
2,4,6-Tribromophenol
Concen: 76.375 ng
RT: 15.963 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BP008100.D
Acq: 23 Nov 2021 17:21

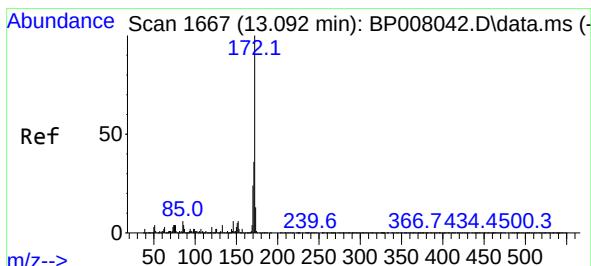
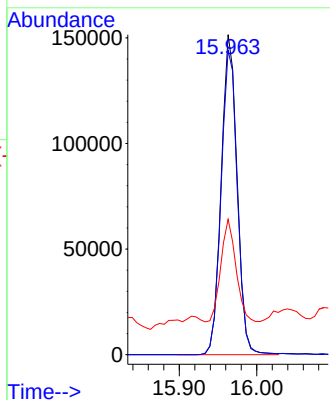
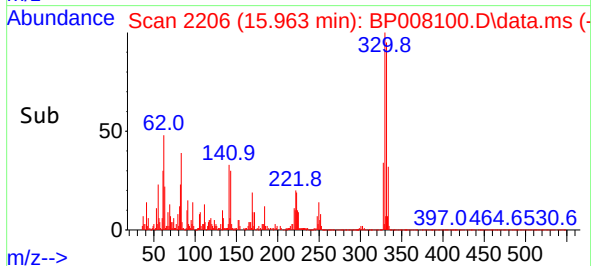
Instrument :
BNA_P
ClientSampleId :
20071



Tgt Ion:330 Resp: 21571
Ion Ratio Lower Upper
330 100
332 97.3 78.0 117.0
141 30.7 29.6 44.4

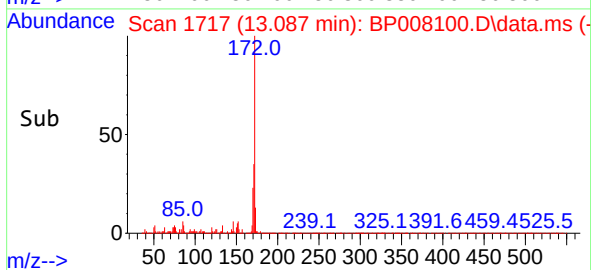
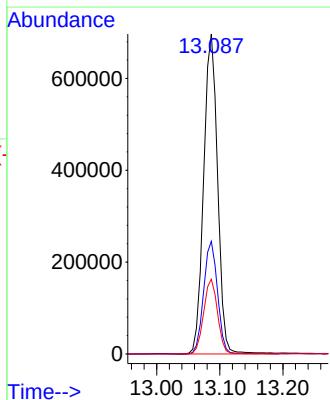
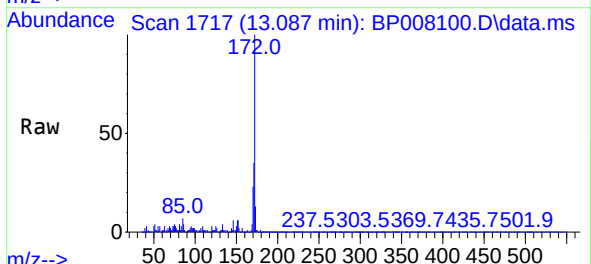
Manual Integrations
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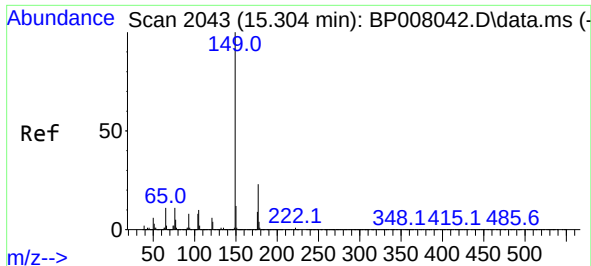
Reviewed By :Jagrut Upadhyay 11/24/2021
Supervised By :Sohil Jodhani 11/30/2021



#45
2-Fluorobiphenyl
Concen: 75.077 ng
RT: 13.087 min Scan# 1717
Delta R.T. -0.005 min
Lab File: BP008100.D
Acq: 23 Nov 2021 17:21

Tgt Ion:172 Resp: 1070092
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.3 19.0 28.4





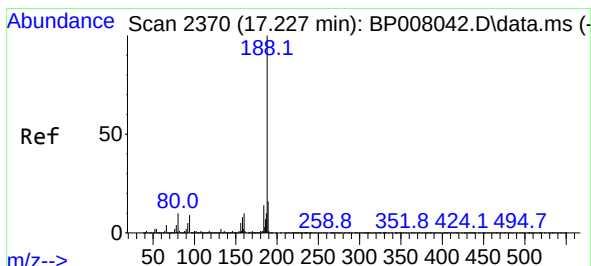
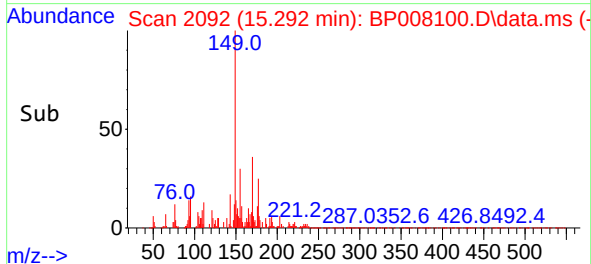
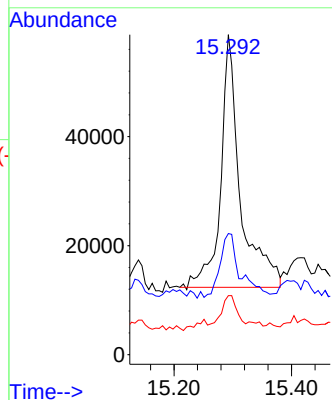
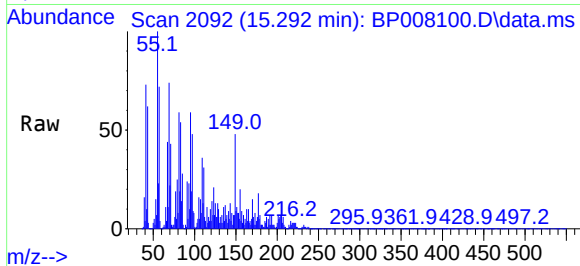
#60
Diethylphthalate
Concen: 6.200 ng
RT: 15.292 min Scan# 2071
Delta R.T. -0.012 min
Lab File: BP008100.D
Acq: 23 Nov 2021 17:21

Instrument :
BNA_P
ClientSampleId :
20071

Tgt Ion:149 Resp: 10749
Ion Ratio Lower Upper
149 100
177 37.8 18.3 27.5
150 18.4 10.0 15.0

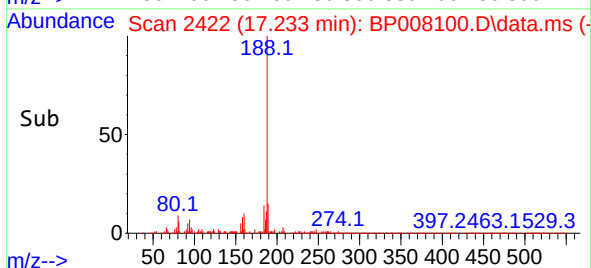
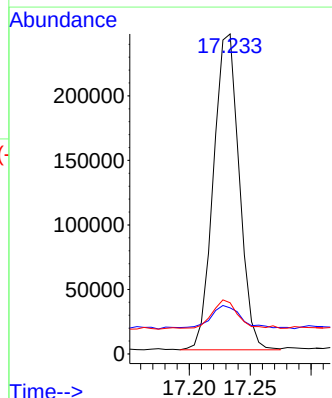
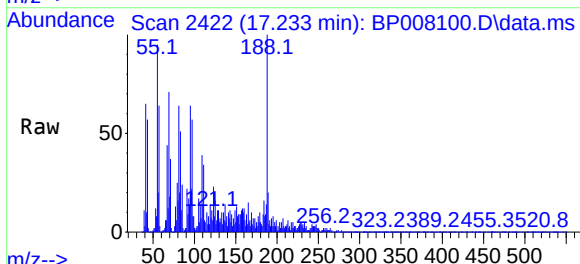
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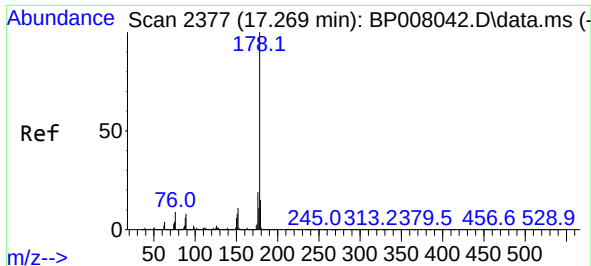
Reviewed By :Jagrut Upadhyay 11/24/2021
Supervised By :Sohil Jodhani 11/30/2021



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.233 min Scan# 2422
Delta R.T. 0.006 min
Lab File: BP008100.D
Acq: 23 Nov 2021 17:21

Tgt Ion:188 Resp: 359779
Ion Ratio Lower Upper
188 100
94 14.4 7.1 10.7#
80 16.0 8.1 12.1#





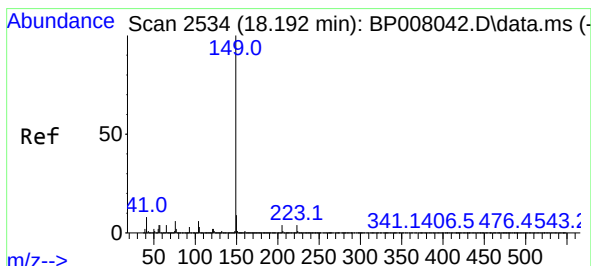
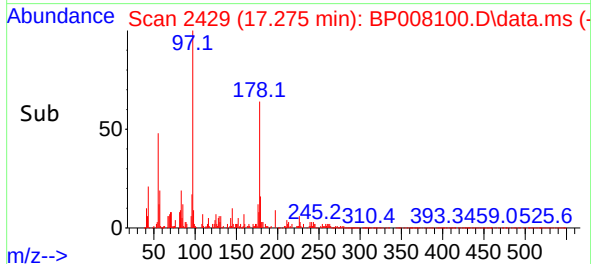
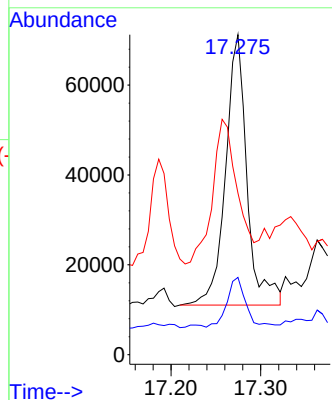
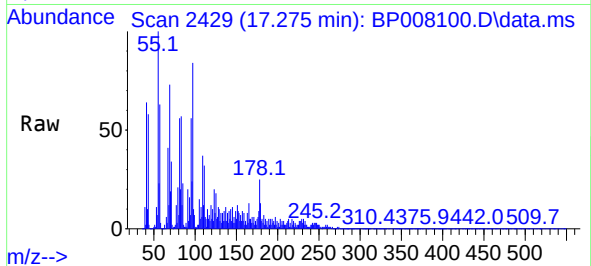
#71
Phenanthrene
Concen: 5.165 ng
RT: 17.275 min Scan# 2429
Delta R.T. 0.006 min
Lab File: BP008100.D
Acq: 23 Nov 2021 17:21

Instrument :
BNA_P
ClientSampleId :
20071

Tgt Ion:178 Resp: 100120
Ion Ratio Lower Upper
178 100
176 24.2 15.6 23.4#
179 50.5 12.4 18.6#

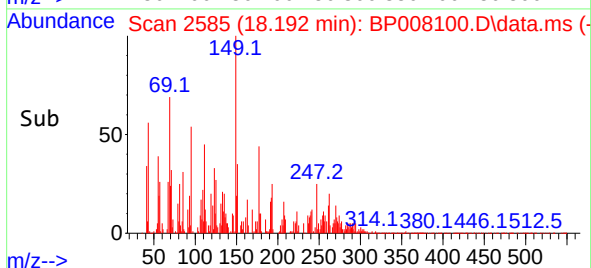
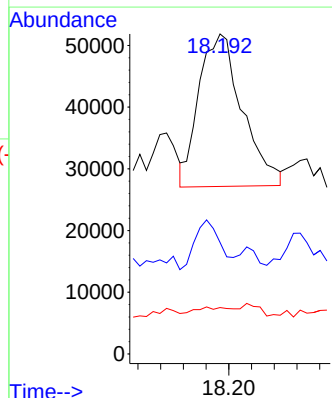
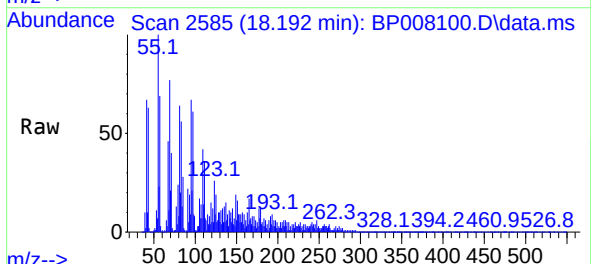
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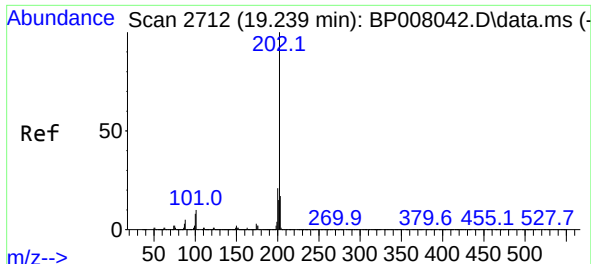
Reviewed By :Jagrut Upadhyay 11/24/2021
Supervised By :Sohil Jodhani 11/30/2021



#74
Di-n-butylphthalate
Concen: 3.085 ng
RT: 18.192 min Scan# 2585
Delta R.T. 0.000 min
Lab File: BP008100.D
Acq: 23 Nov 2021 17:21

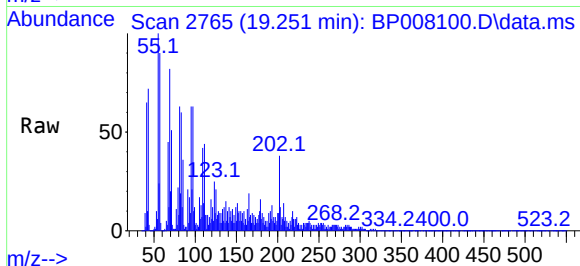
Tgt Ion:149 Resp: 65528
Ion Ratio Lower Upper
149 100
150 34.8 7.4 11.2#
104 14.5 4.5 6.7#





#75
Fluoranthene
Concen: 4.449 ng
RT: 19.251 min Scan# 21115
Delta R.T. 0.012 min
Lab File: BP008100.D
Acq: 23 Nov 2021 17:21

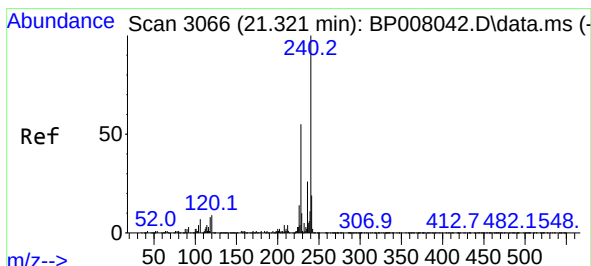
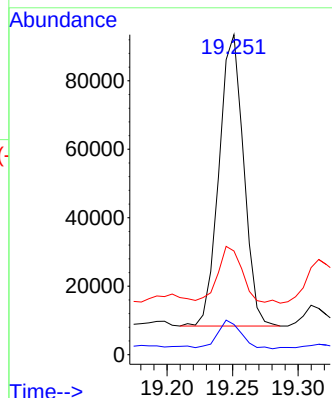
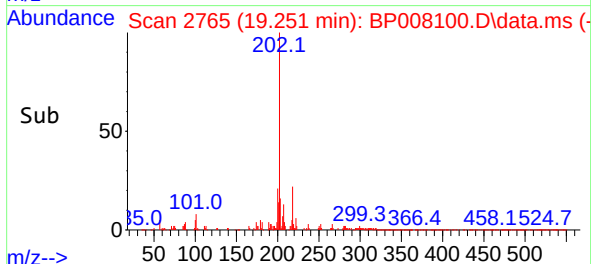
Instrument :
BNA_P
ClientSampleId :
20071



Tgt Ion:202 Resp: 11115
Ion Ratio Lower Upper
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101 9.5 0.0 29.5
203 32.4 0.0 37.3

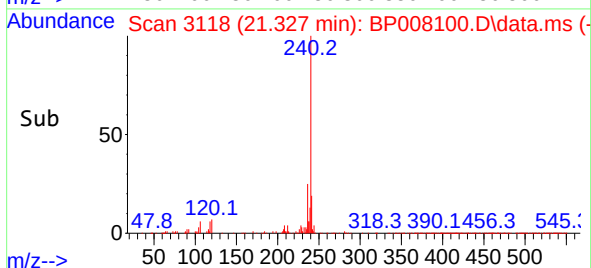
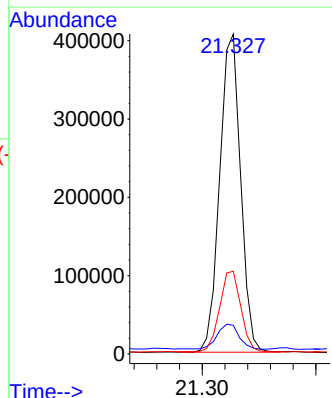
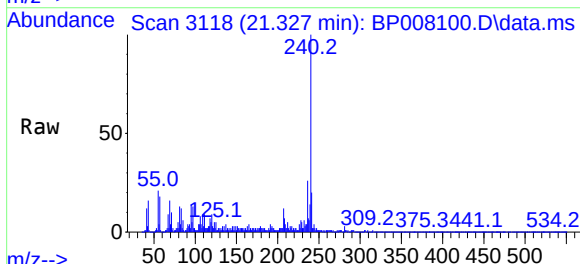
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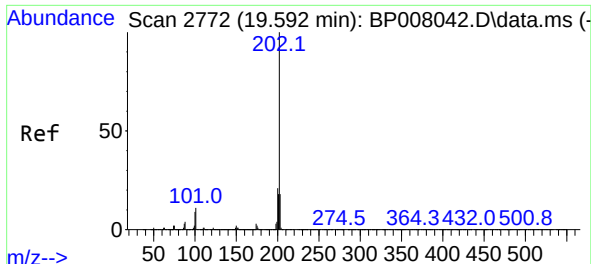
Reviewed By :Jagrut Upadhyay 11/24/2021
Supervised By :Sohil Jodhani 11/30/2021



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.327 min Scan# 3118
Delta R.T. 0.006 min
Lab File: BP008100.D
Acq: 23 Nov 2021 17:21

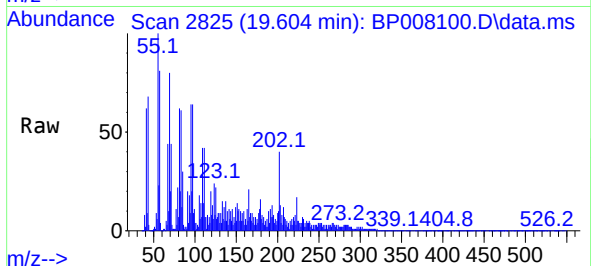
Tgt Ion:240 Resp: 519550
Ion Ratio Lower Upper
240 100
120 9.0 7.4 11.2
236 25.8 21.0 31.4





#78
Pyrene
Concen: 3.424 ng
RT: 19.604 min Scan# 2071
Delta R.T. 0.012 min
Lab File: BP008100.D
Acq: 23 Nov 2021 17:21

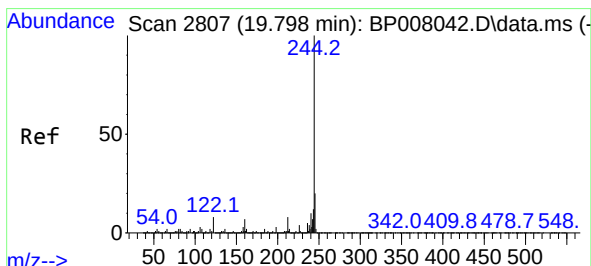
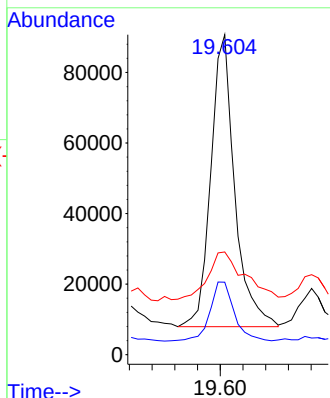
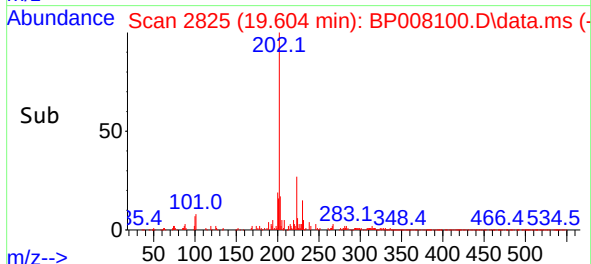
Instrument :
BNA_P
ClientSampleId :
20071



Tgt Ion: 202 Resp: 120789
Ion Ratio Lower Upper
202 100
200 22.6 16.9 25.3
203 32.1 14.2 21.2

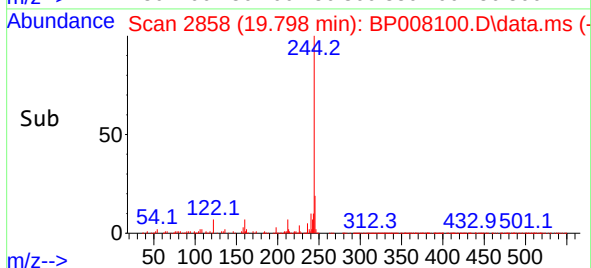
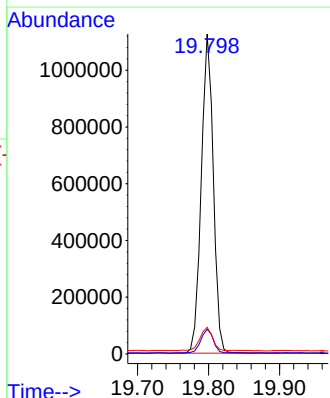
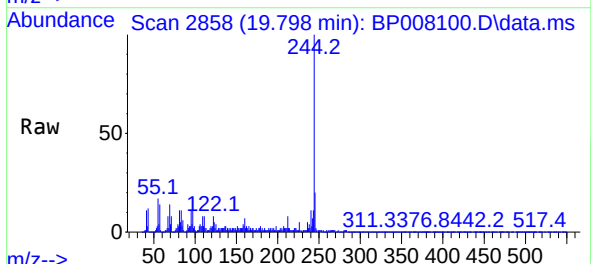
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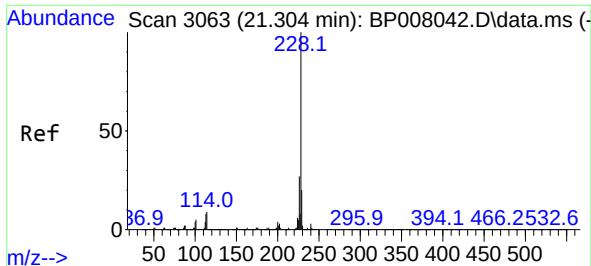
Reviewed By :Jagrut Upadhyay 11/24/2021
Supervised By :Sohil Jodhani 11/30/2021



#79
Terphenyl-d14
Concen: 50.256 ng
RT: 19.798 min Scan# 2858
Delta R.T. -0.000 min
Lab File: BP008100.D
Acq: 23 Nov 2021 17:21

Tgt Ion: 244 Resp: 1328068
Ion Ratio Lower Upper
244 100
212 7.7 6.3 9.5
122 8.3 6.1 9.1





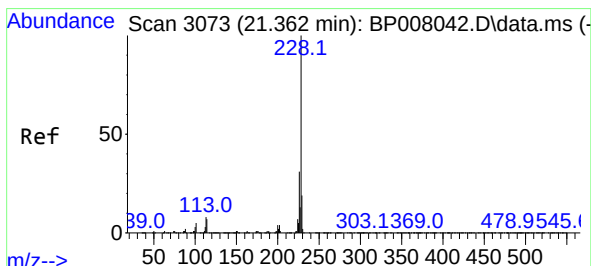
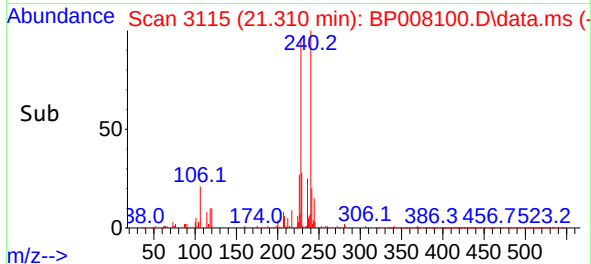
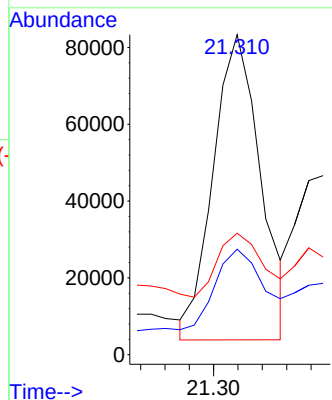
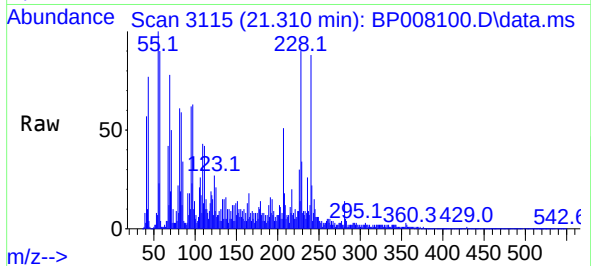
#81
Benzo(a)anthracene
Concen: 3.089 ng
RT: 21.310 min Scan# 3115
Delta R.T. 0.006 min
Lab File: BP008100.D
Acq: 23 Nov 2021 17:21

Instrument :
BNA_P
ClientSampleId :
20071

Tgt Ion:228 Resp: 107638
Ion Ratio Lower Upper
228 100
226 33.0 21.8 32.6
229 38.0 16.1 24.1

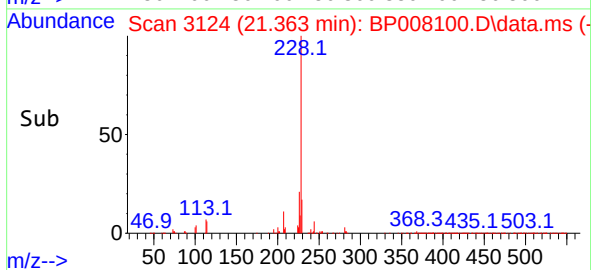
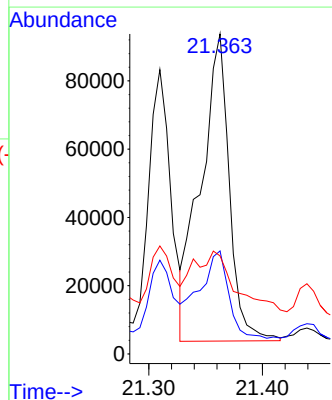
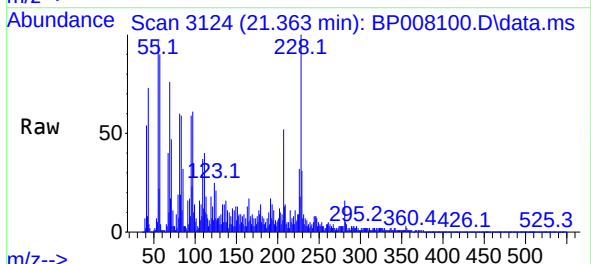
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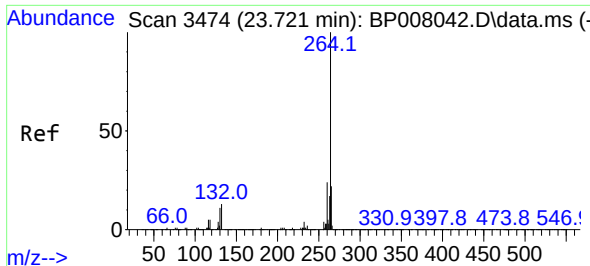
Reviewed By :Jagrut Upadhyay 11/24/2021
Supervised By :Sohil Jodhani 11/30/2021



#83
Chrysene
Concen: 4.774 ng
RT: 21.363 min Scan# 3124
Delta R.T. 0.001 min
Lab File: BP008100.D
Acq: 23 Nov 2021 17:21

Tgt Ion:228 Resp: 157839
Ion Ratio Lower Upper
228 100
226 32.2 24.5 36.7
229 30.6 15.5 23.3





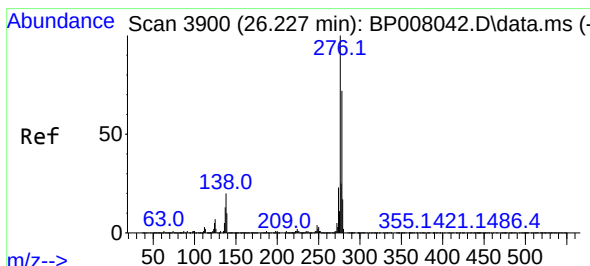
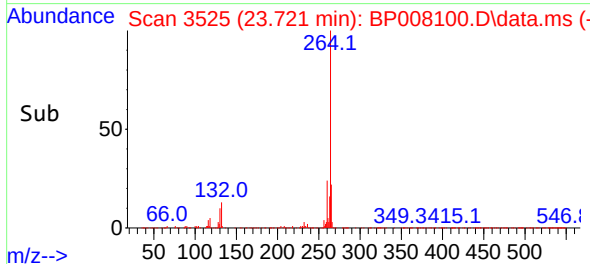
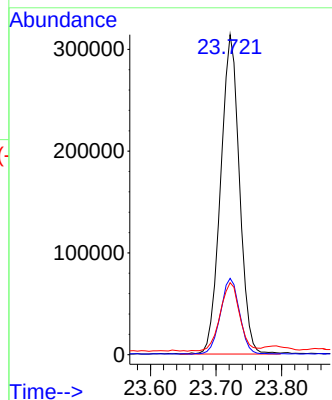
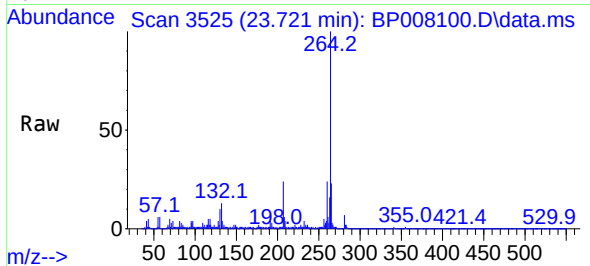
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.721 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP008100.D
Acq: 23 Nov 2021 17:21

Instrument :
BNA_P
ClientSampleId :
20071

Tgt Ion:264 Resp: 62362
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.6
265 22.5 17.7 26.5

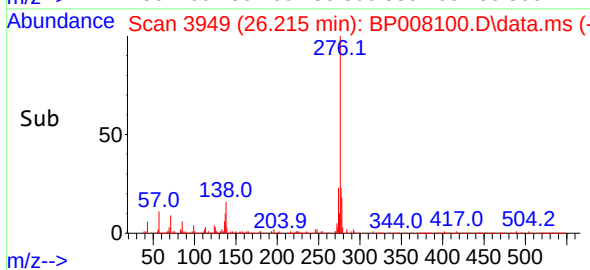
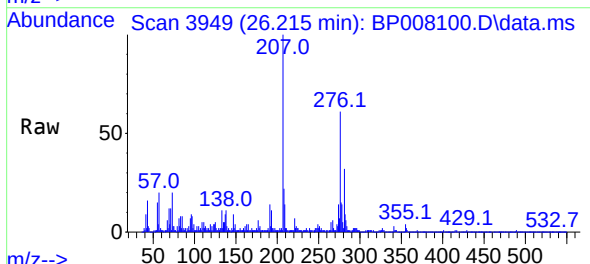
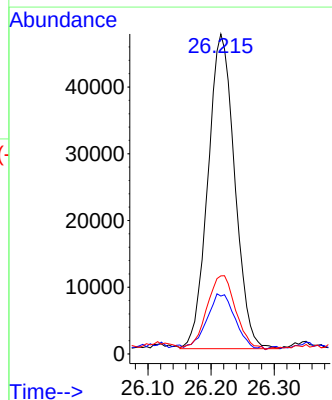
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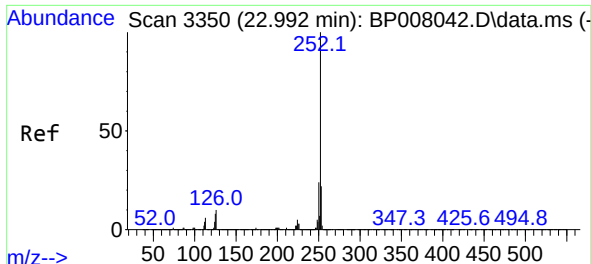
Reviewed By :Jagrut Upadhyay 11/24/2021
Supervised By :Sohil Jodhani 11/30/2021



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.208 ng
RT: 26.215 min Scan# 3949
Delta R.T. -0.012 min
Lab File: BP008100.D
Acq: 23 Nov 2021 17:21

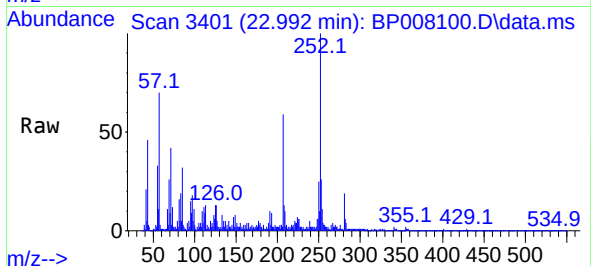
Tgt Ion:276 Resp: 138807
Ion Ratio Lower Upper
276 100
138 19.0 16.5 24.7
277 25.5 20.2 30.4





#88
Benzo(b)fluoranthene
Concen: 7.555 ng m
RT: 22.992 min Scan# 3401
Delta R.T. 0.000 min
Lab File: BP008100.D
Acq: 23 Nov 2021 17:21

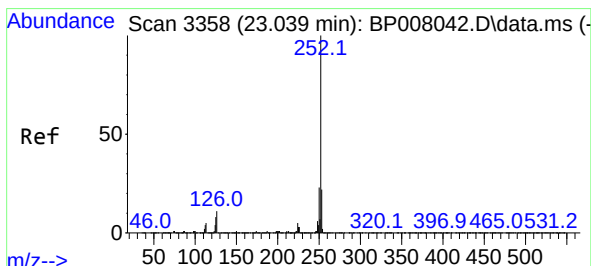
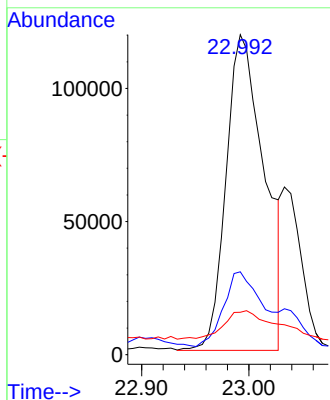
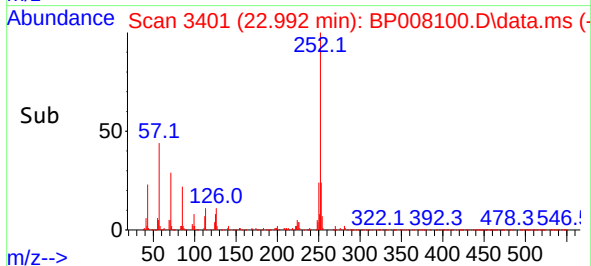
Instrument : BNA_P
ClientSampleId : 20071



Tgt Ion:252 Resp: 294564
Ion Ratio Lower Upper
252 100
253 25.9 17.4 26.2
125 13.3 6.1 9.1

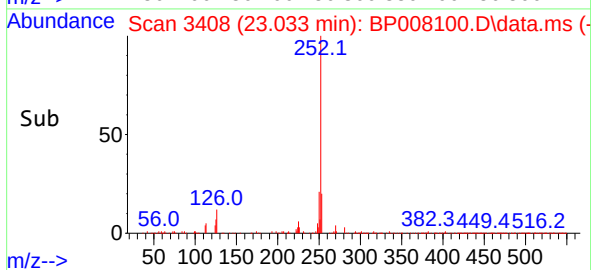
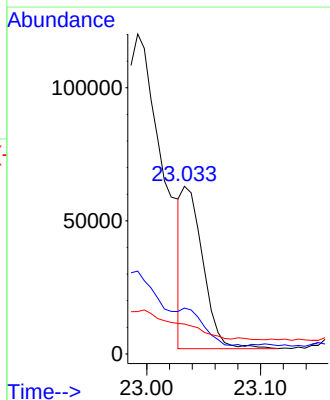
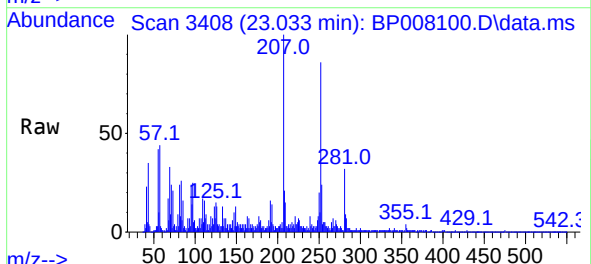
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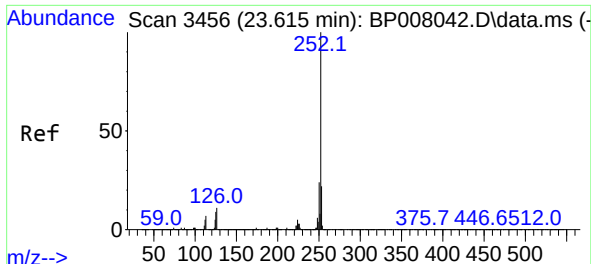
Reviewed By :Jagrut Upadhyay 11/24/2021
Supervised By :Sohil Jodhani 11/30/2021



#89
Benzo(k)fluoranthene
Concen: 2.027 ng m
RT: 23.033 min Scan# 3408
Delta R.T. -0.006 min
Lab File: BP008100.D
Acq: 23 Nov 2021 17:21

Tgt Ion:252 Resp: 78624
Ion Ratio Lower Upper
252 100
253 27.4 17.4 26.0#
125 17.8 6.2 9.4#





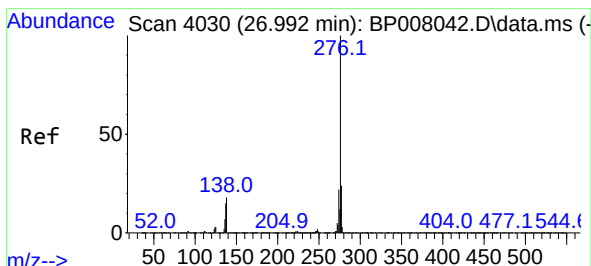
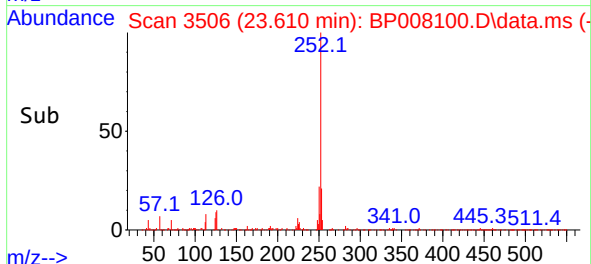
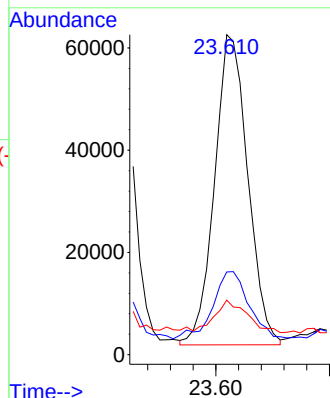
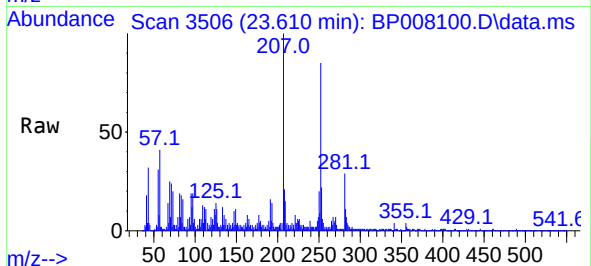
#90
Benzo(a)pyrene
Concen: 3.767 ng
RT: 23.610 min Scan# 310
Delta R.T. -0.006 min
Lab File: BP008100.D
Acq: 23 Nov 2021 17:21

Instrument :
BNA_P
ClientSampleId :
20071

Tgt Ion:252 Resp: 123090
Ion Ratio Lower Upper
252 100
253 25.9 17.4 26.2
125 17.0 7.4 11.2

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/24/2021
Supervised By :Sohil Jodhani 11/30/2021



#92
Benzo(g,h,i)perylene
Concen: 3.796 ng
RT: 26.986 min Scan# 4080
Delta R.T. -0.006 min
Lab File: BP008100.D
Acq: 23 Nov 2021 17:21

Tgt Ion:276 Resp: 133941
Ion Ratio Lower Upper
276 100
277 24.2 19.0 28.6
138 16.2 14.2 21.2

