

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011222\
 Data File : BP008773.D
 Acq On : 12 Jan 2022 14:41
 Operator : CG/JU
 Sample : N1097-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1D

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/13/2022
 Supervised By : Jagrut Upadhyay 01/13/2022

Quant Time: Jan 12 16:22:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 12 00:18:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	449659	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1761888	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	1182454	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	2499940	20.000	ng	0.00
76) Chrysene-d12	21.345	240	2380822	20.000	ng	0.00
86) Perylene-d12	23.768	264	2113300	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	2958859	103.044	ng	0.00
7) Phenol-d6	7.040	99	3669870	95.204	ng	0.00
23) Nitrobenzene-d5	9.022	82	2237824	71.931	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	1900945	95.289	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	5820611	69.205	ng	0.00
79) Terphenyl-d14	19.816	244	8630586	73.873	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.298	178	1400049	10.080	ng	98
72) Anthracene	17.386	178	330499	2.330	ng	100
75) Fluoranthene	19.269	202	2039617	12.263	ng	97
78) Pyrene	19.616	202	1843162	11.840	ng	98
81) Benzo(a)anthracene	21.327	228	946054	6.057	ng	98
83) Chrysene	21.380	228	853818	5.667	ng	97
87) Indeno(1,2,3-cd)pyrene	26.292	276	353210	2.092	ng	96
88) Benzo(b)fluoranthene	23.027	252	967905m	7.010	ng	
89) Benzo(k)fluoranthene	23.069	252	288416m	2.232	ng	
90) Benzo(a)pyrene	23.657	252	654199	4.902	ng	98
92) Benzo(g,h,i)perylene	27.062	276	340575	2.405	ng	96

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

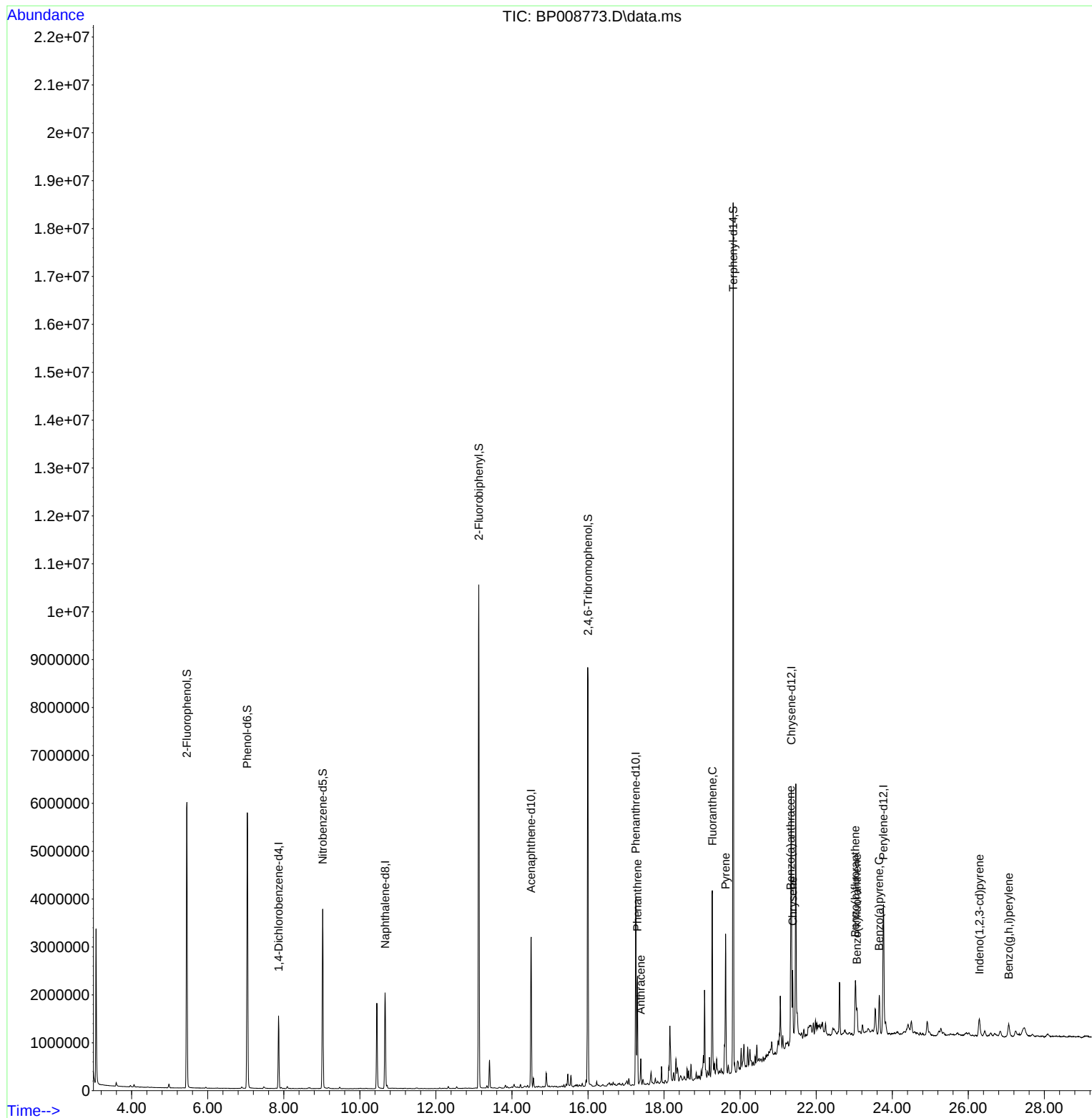
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011222\
Data File : BP008773.D
Acq On : 12 Jan 2022 14:41
Operator : CG/JU
Sample : N1097-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

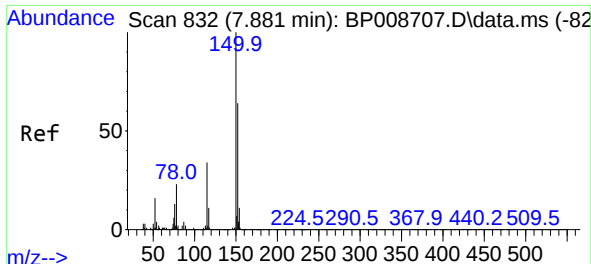
Instrument :
BNA_P
ClientSampleId :
TP-1D

Quant Time: Jan 12 16:22:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 12 00:18:56 2022
Response via : Initial Calibration

Manual Integrations
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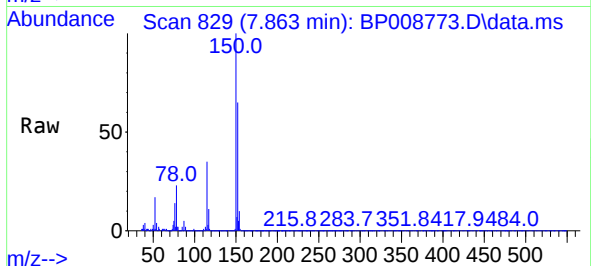
Reviewed By : Christian Giraldo 01/13/2022
Supervised By : Jagrut Upadhyay 01/13/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008773.D
Acq: 12 Jan 2022 14:41

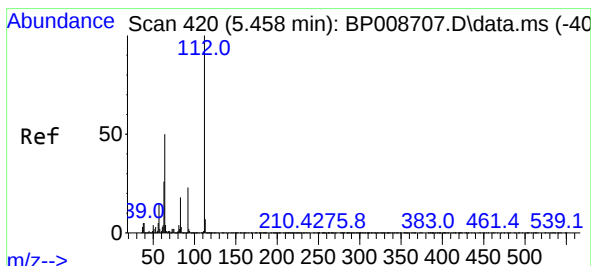
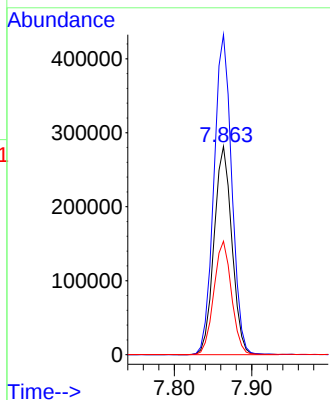
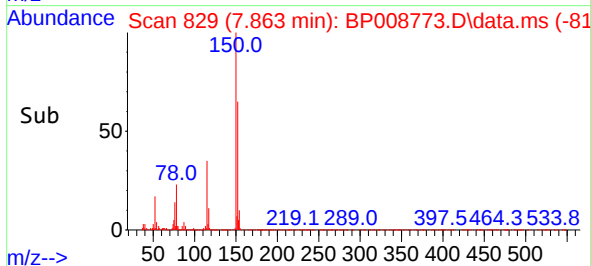
Instrument :
BNA_P
ClientSampleId :
TP-1D



Tgt Ion:152 Resp: 449659
Ion Ratio Lower Upper
152 100
150 153.6 127.0 190.6
115 54.5 43.7 65.5

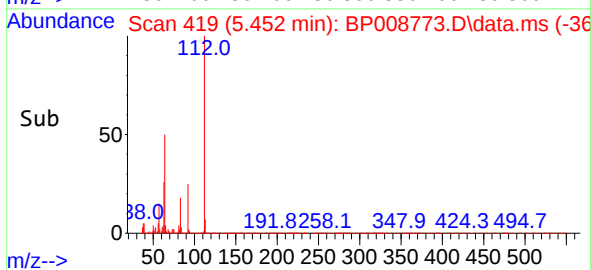
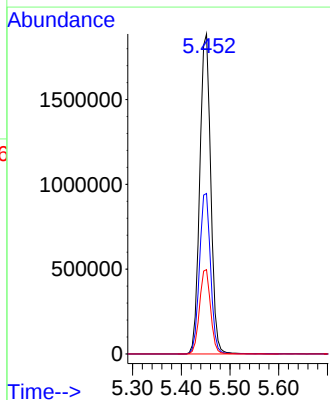
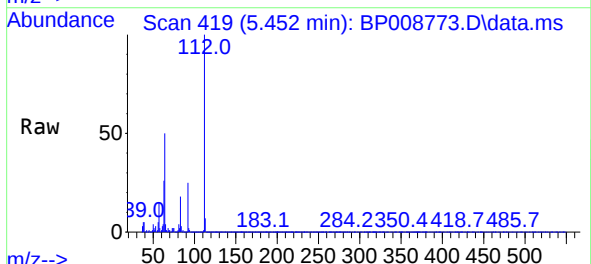
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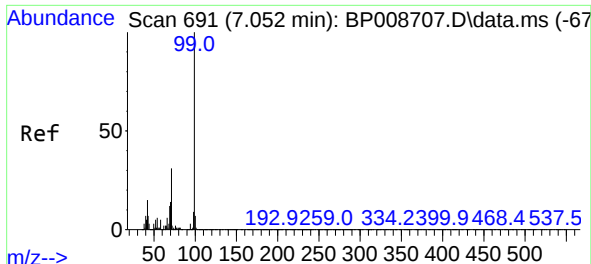
Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022



#5
2-Fluorophenol
Concen: 103.044 ng
RT: 5.452 min Scan# 419
Delta R.T. 0.006 min
Lab File: BP008773.D
Acq: 12 Jan 2022 14:41

Tgt Ion:112 Resp: 2958859
Ion Ratio Lower Upper
112 100
64 50.2 39.7 59.5
63 26.4 20.0 30.0





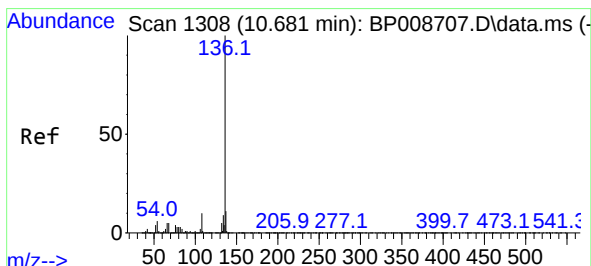
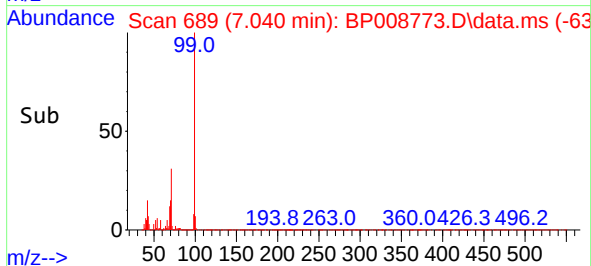
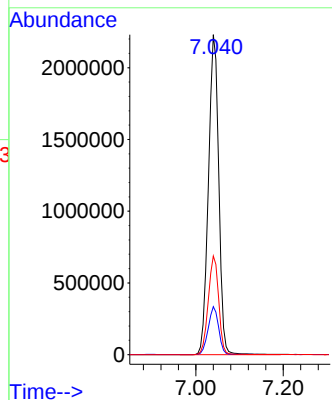
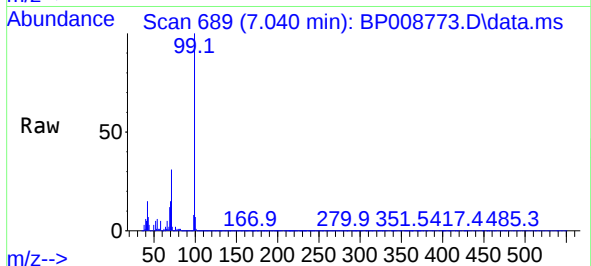
#7
Phenol-d6
Concen: 95.204 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008773.D
Acq: 12 Jan 2022 14:41

Instrument :
BNA_P
ClientSampleId :
TP-1D

Tgt Ion: 99 Resp: 3669870
Ion Ratio Lower Upper
99 100
42 15.0 10.8 16.2
71 30.9 23.8 35.6

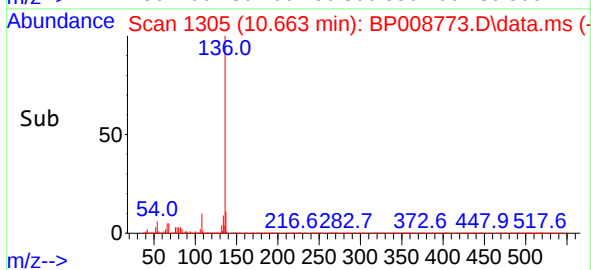
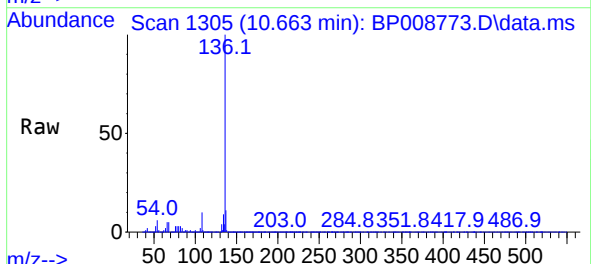
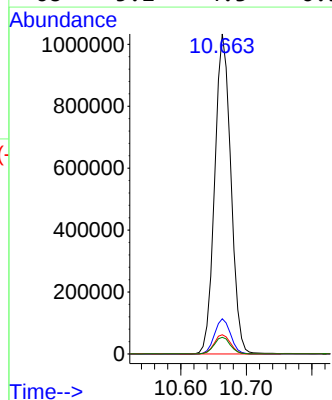
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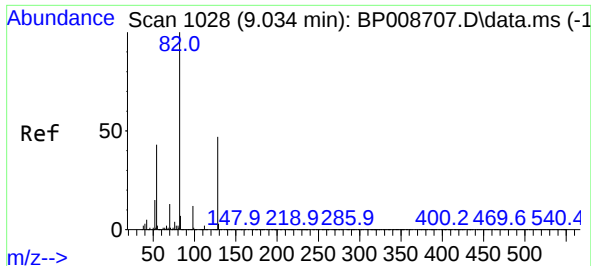
Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BP008773.D
Acq: 12 Jan 2022 14:41

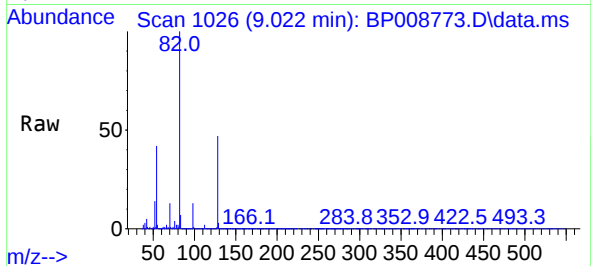
Tgt Ion:136 Resp: 1761888
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.0 4.9 7.3
68 5.2 4.3 6.5





#23
Nitrobenzene-d5
Concen: 71.931 ng
RT: 9.022 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BP008773.D
Acq: 12 Jan 2022 14:41

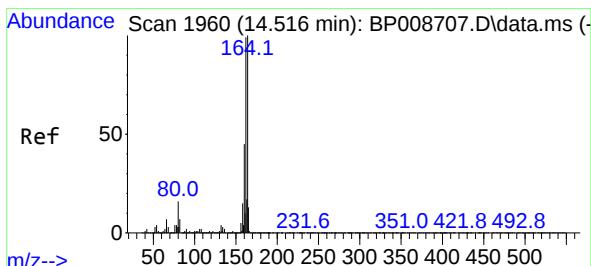
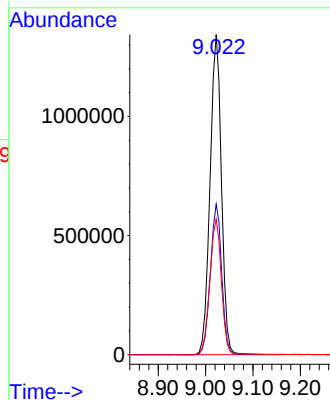
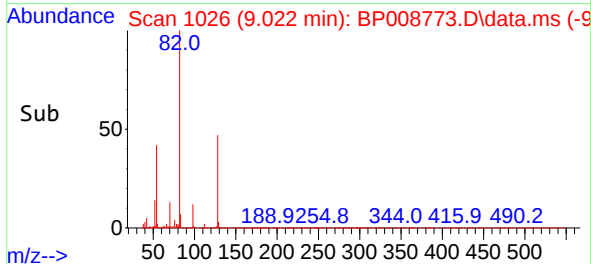
Instrument :
BNA_P
ClientSampleId :
TP-1D



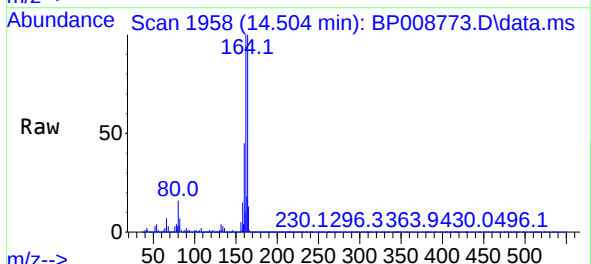
Tgt Ion: 82 Resp: 2237824
Ion Ratio Lower Upper
82 100
128 47.0 39.4 59.2
54 42.4 32.6 48.8

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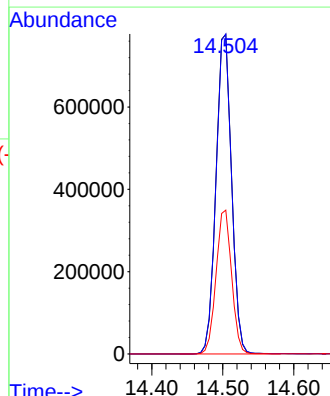
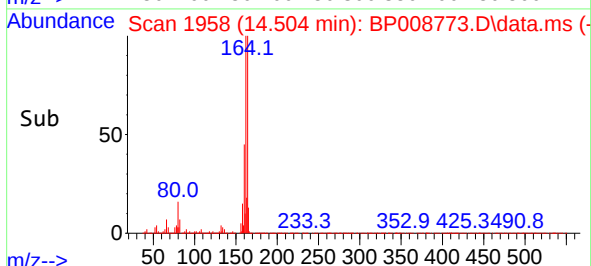
Reviewed By :Christian Giraldo 01/13/2022
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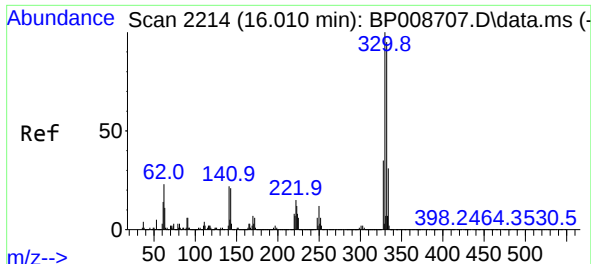


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BP008773.D
Acq: 12 Jan 2022 14:41



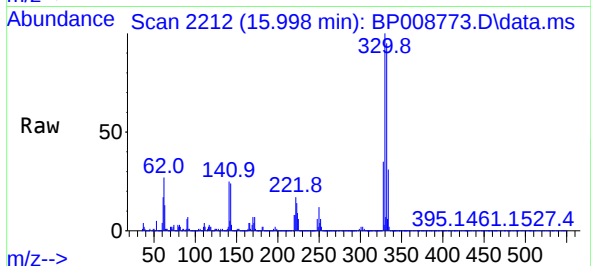
Tgt Ion:164 Resp: 1182454
Ion Ratio Lower Upper
164 100
162 100.1 79.9 119.9
160 45.0 35.5 53.3





#42
2,4,6-Tribromophenol
Concen: 95.289 ng
RT: 15.998 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP008773.D
Acq: 12 Jan 2022 14:41

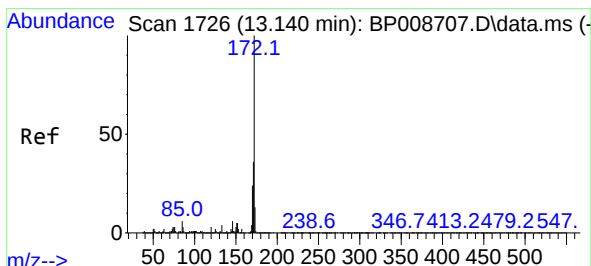
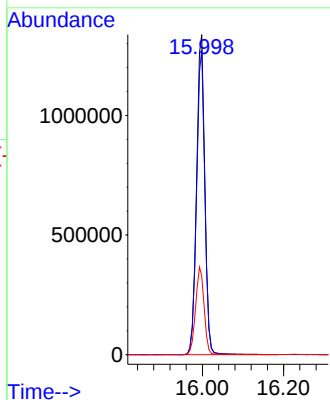
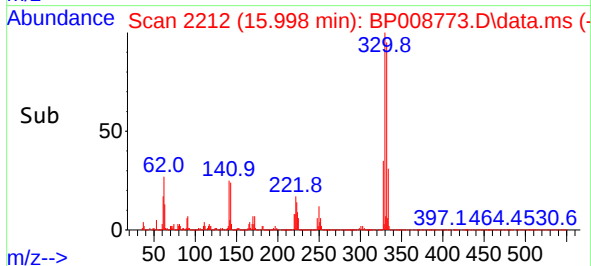
Instrument :
BNA_P
ClientSampleId :
TP-1D



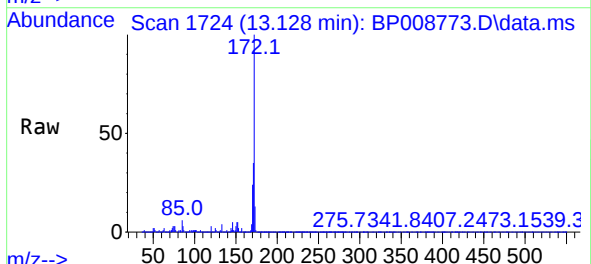
Tgt Ion:330 Resp: 190094
Ion Ratio Lower Upper
330 100
332 95.1 77.0 115.4
141 28.2 21.3 31.9

Manual Integrations
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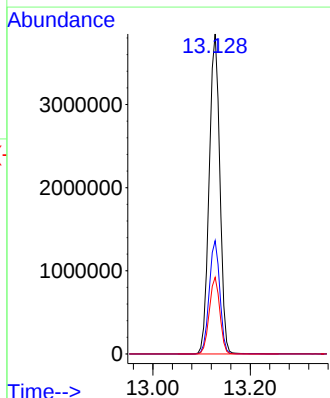
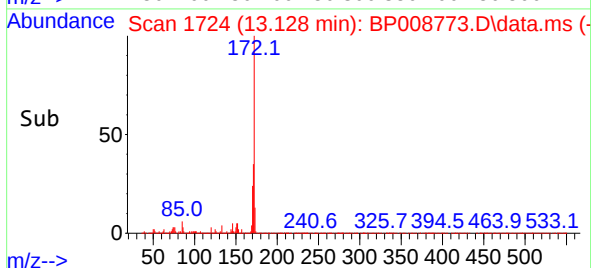
Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022

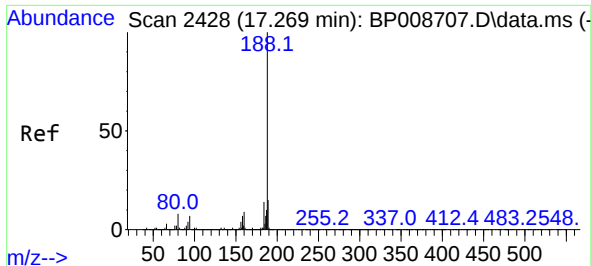


#45
2-Fluorobiphenyl
Concen: 69.205 ng
RT: 13.128 min Scan# 1724
Delta R.T. -0.006 min
Lab File: BP008773.D
Acq: 12 Jan 2022 14:41



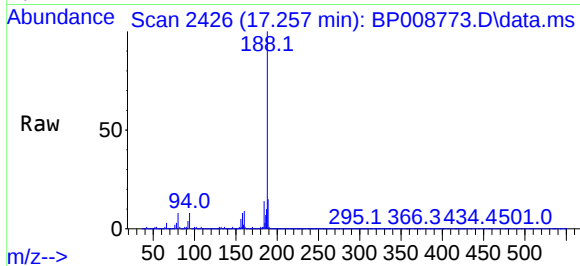
Tgt Ion:172 Resp: 5820611
Ion Ratio Lower Upper
172 100
171 35.4 29.3 43.9
170 24.0 19.5 29.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BP008773.D
Acq: 12 Jan 2022 14:41

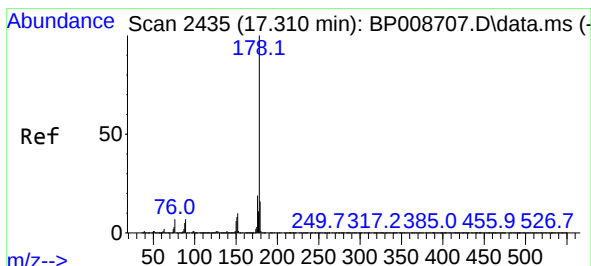
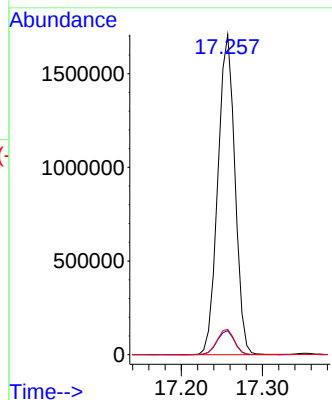
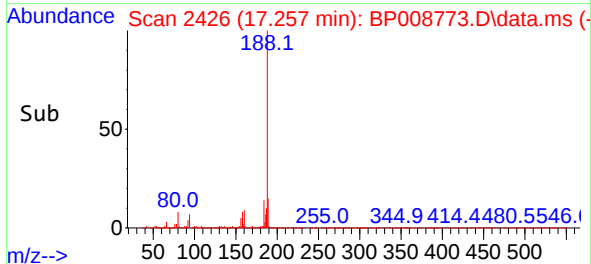
Instrument :
BNA_P
ClientSampleId :
TP-1D



Tgt Ion:188 Resp: 2499940
Ion Ratio Lower Upper
188 100
94 7.5 6.8 10.2
80 7.9 7.2 10.8

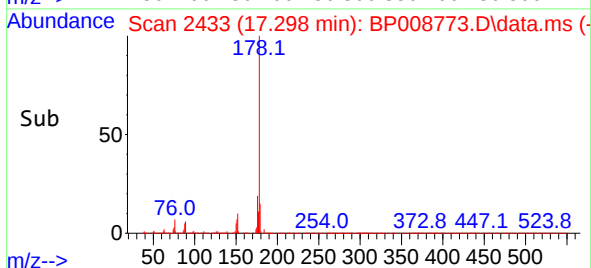
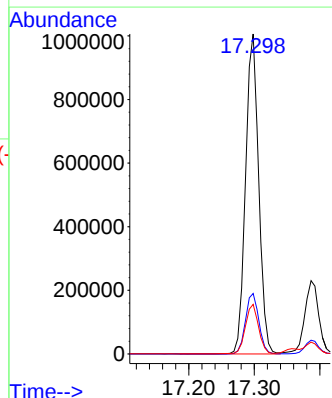
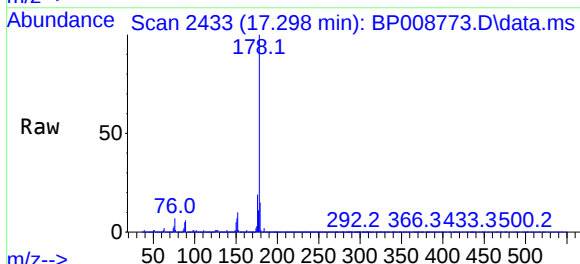
Manual Integrations
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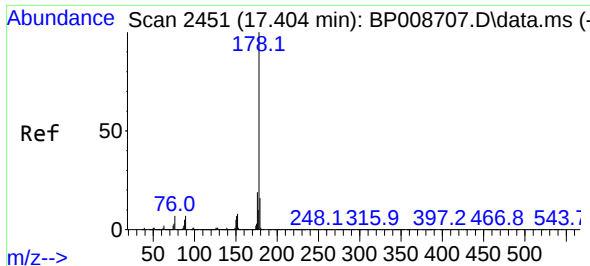
Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022



#71
Phenanthrene
Concen: 10.080 ng
RT: 17.298 min Scan# 2433
Delta R.T. -0.000 min
Lab File: BP008773.D
Acq: 12 Jan 2022 14:41

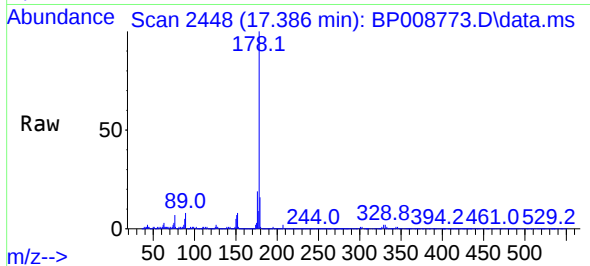
Tgt Ion:178 Resp: 1400049
Ion Ratio Lower Upper
178 100
176 18.9 16.0 24.0
179 15.5 13.0 19.4





#72
 Anthracene
 Concen: 2.330 ng
 RT: 17.386 min Scan# 2451
 Delta R.T. -0.006 min
 Lab File: BP008773.D
 Acq: 12 Jan 2022 14:41

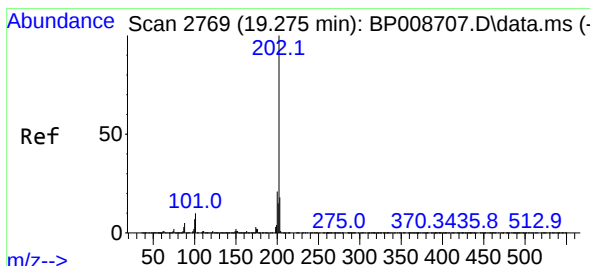
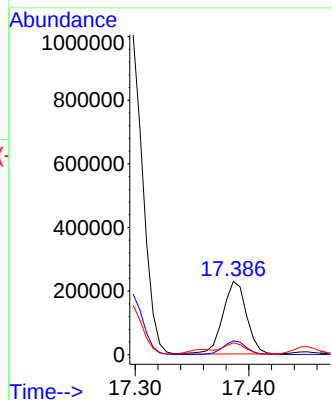
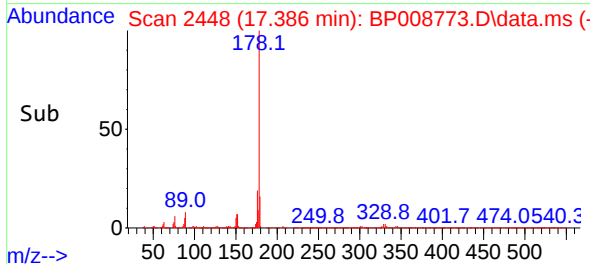
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 BNA_P
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 TP-1D



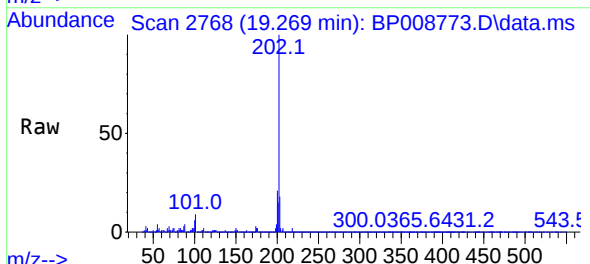
Tgt Ion:178 Resp: 330499
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.1 22.7
 179 16.1 12.8 19.2

Manual Integrations
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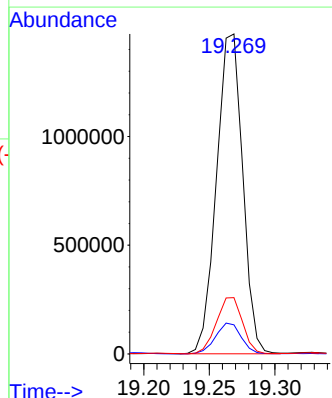
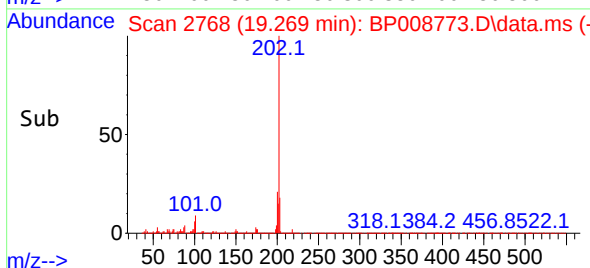
Reviewed By :Christian Giraldo 01/13/2022
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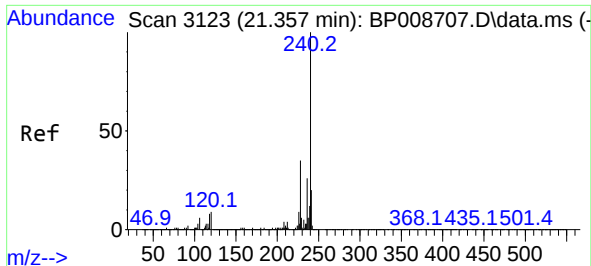


#75
 Fluoranthene
 Concen: 12.263 ng
 RT: 19.269 min Scan# 2768
 Delta R.T. -0.000 min
 Lab File: BP008773.D
 Acq: 12 Jan 2022 14:41



Tgt Ion:202 Resp: 2039617
 Ion Ratio Lower Upper
 202 100
 101 9.1 0.0 30.7
 203 17.6 0.0 38.9





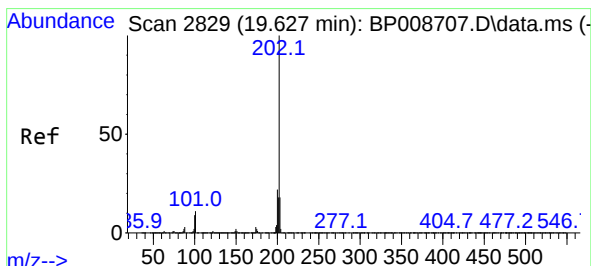
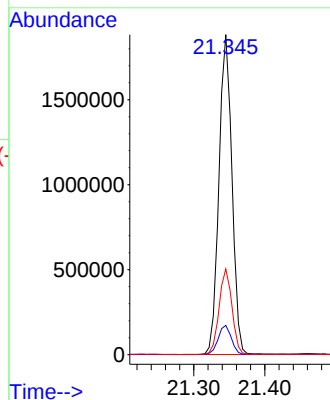
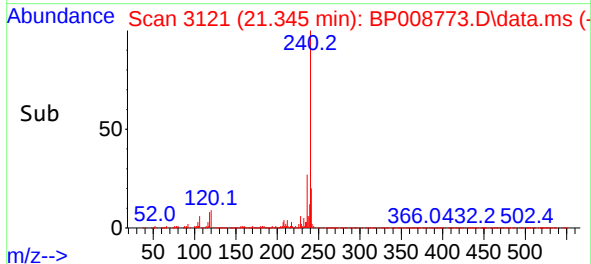
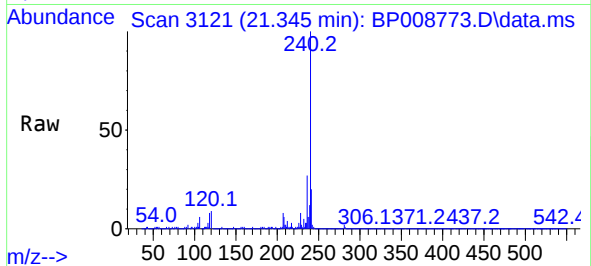
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3123
Delta R.T. -0.000 min
Lab File: BP008773.D
Acq: 12 Jan 2022 14:41

Instrument :
BNA_P
ClientSampleId :
TP-1D

Tgt Ion:240 Resp: 238082
Ion Ratio Lower Upper
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120 9.1 7.7 11.5
236 26.8 21.2 31.8

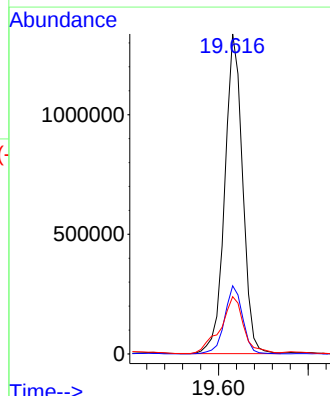
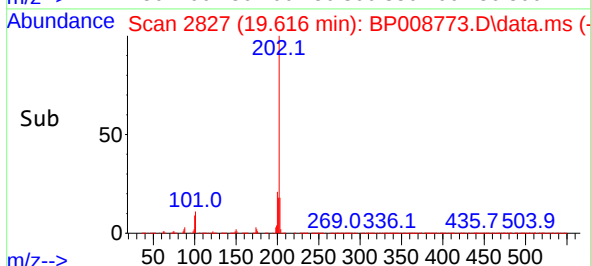
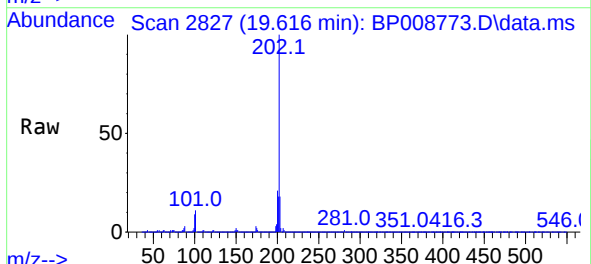
Manual Integrations
APPROVED

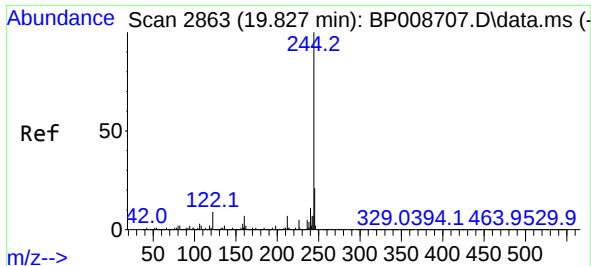
Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022



#78
Pyrene
Concen: 11.840 ng
RT: 19.616 min Scan# 2827
Delta R.T. -0.006 min
Lab File: BP008773.D
Acq: 12 Jan 2022 14:41

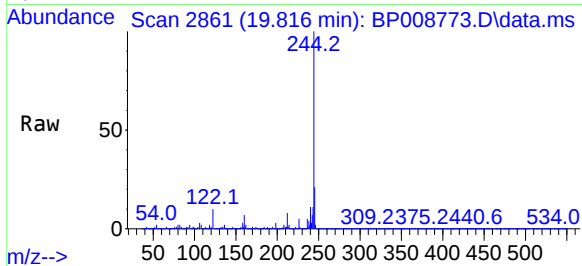
Tgt Ion:202 Resp: 1843162
Ion Ratio Lower Upper
202 100
200 21.3 18.0 27.0
203 17.9 15.0 22.6





#79
 Terphenyl-d14
 Concen: 73.873 ng
 RT: 19.816 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP008773.D
 Acq: 12 Jan 2022 14:41

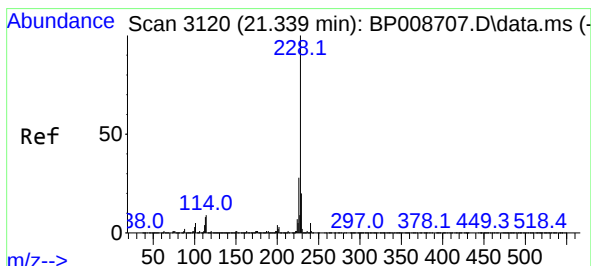
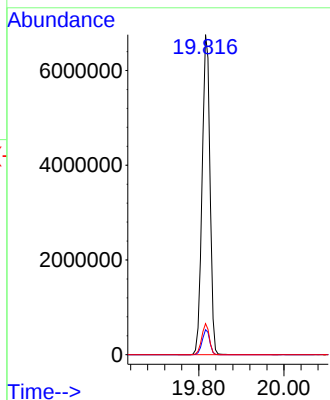
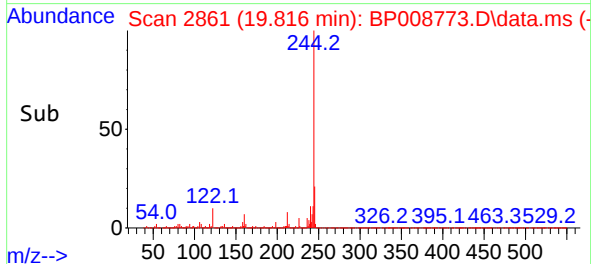
Instrument :
 BNA_P
 ClientSampleId :
 TP-1D



Tgt Ion:244 Resp: 8630580
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 9.7 9.2 13.8

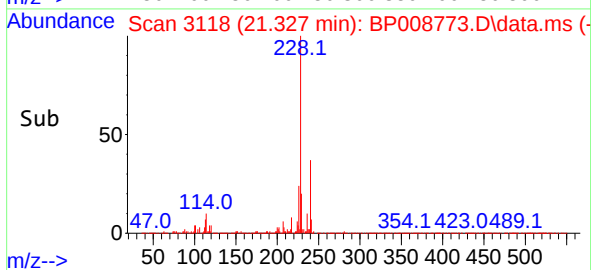
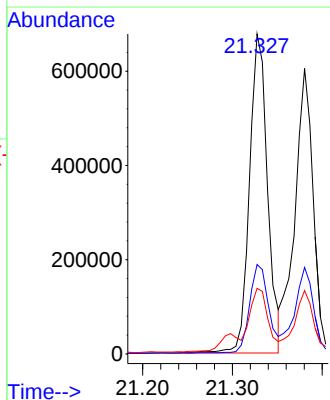
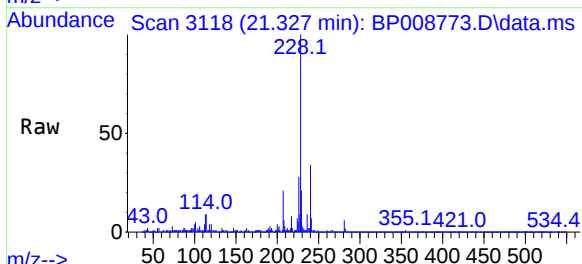
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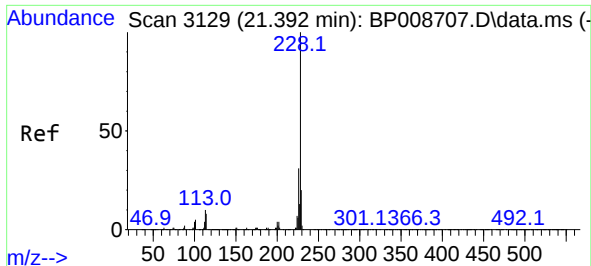
Reviewed By :Christian Giraldo 01/13/2022
 Supervised By :Jagrut Upadhyay 01/13/2022



#81
 Benzo(a)anthracene
 Concen: 6.057 ng
 RT: 21.327 min Scan# 3118
 Delta R.T. -0.006 min
 Lab File: BP008773.D
 Acq: 12 Jan 2022 14:41

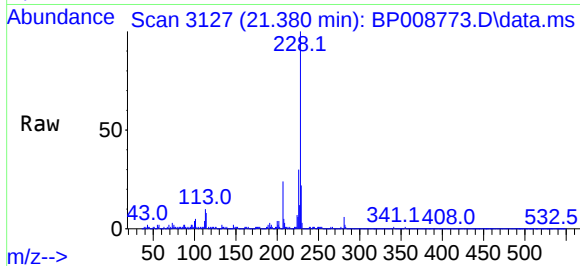
Tgt Ion:228 Resp: 946054
 Ion Ratio Lower Upper
 228 100
 226 28.0 23.3 34.9
 229 20.5 17.0 25.6





#83
Chrysene
Concen: 5.667 ng
RT: 21.380 min Scan# 3129
Delta R.T. -0.006 min
Lab File: BP008773.D
Acq: 12 Jan 2022 14:41

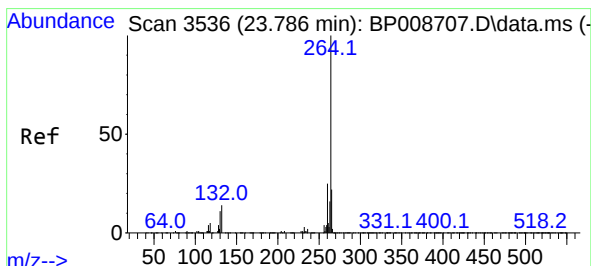
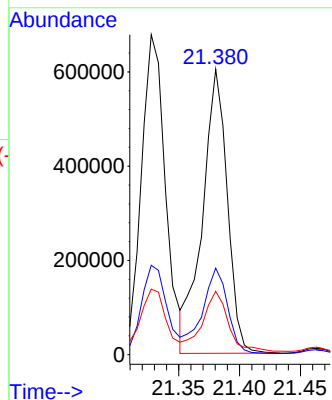
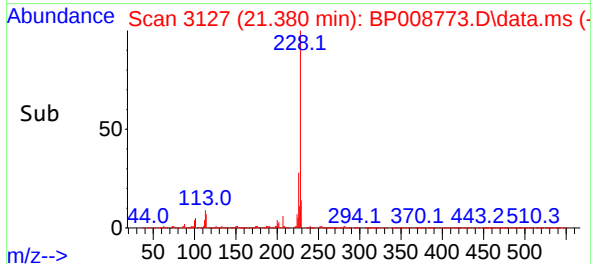
Instrument :
BNA_P
ClientSampleId :
TP-1D



Tgt Ion:228 Resp: 853818
Ion Ratio Lower Upper
228 100
226 30.3 26.0 39.0
229 22.2 16.9 25.3

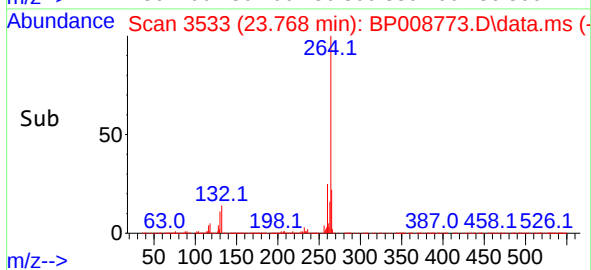
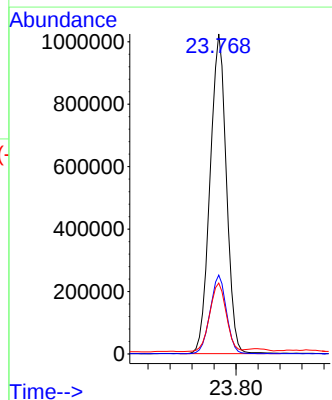
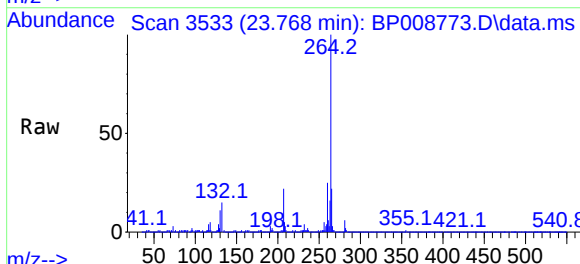
Manual Integrations
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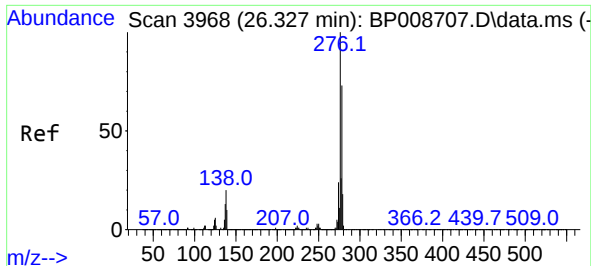
Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.768 min Scan# 3533
Delta R.T. -0.000 min
Lab File: BP008773.D
Acq: 12 Jan 2022 14:41

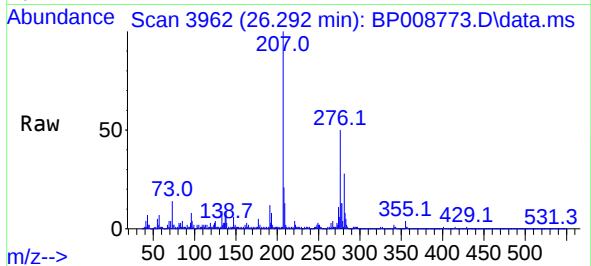
Tgt Ion:264 Resp: 2113300
Ion Ratio Lower Upper
264 100
260 24.7 19.1 28.7
265 22.2 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 2.092 ng
RT: 26.292 min Scan# 3407
Delta R.T. -0.006 min
Lab File: BP008773.D
Acq: 12 Jan 2022 14:41

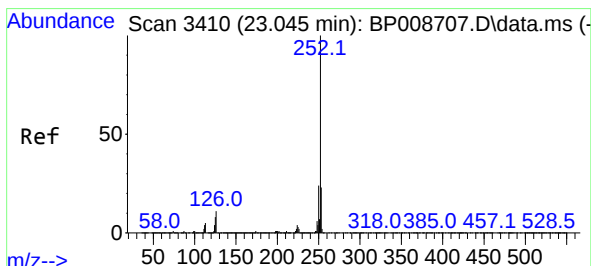
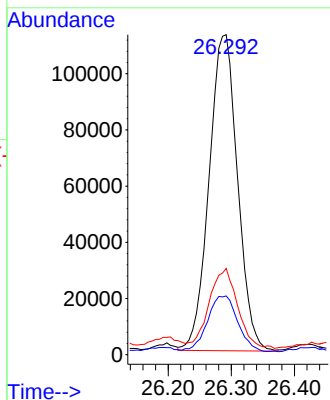
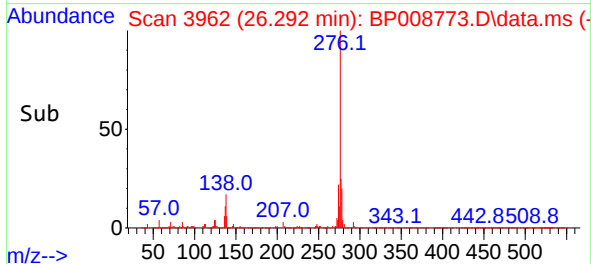
Instrument :
BNA_P
ClientSampleId :
TP-1D



Tgt Ion: 276 Resp: 353210
Ion Ratio Lower Upper
276 100
138 18.5 17.8 26.6
277 25.4 20.4 30.6

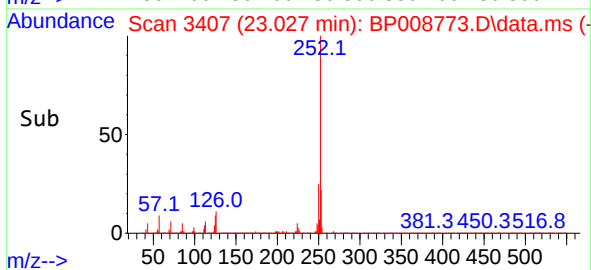
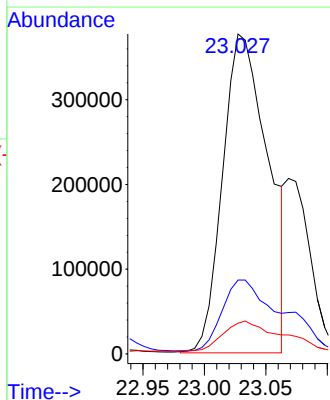
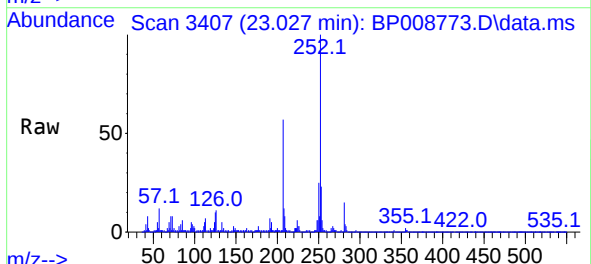
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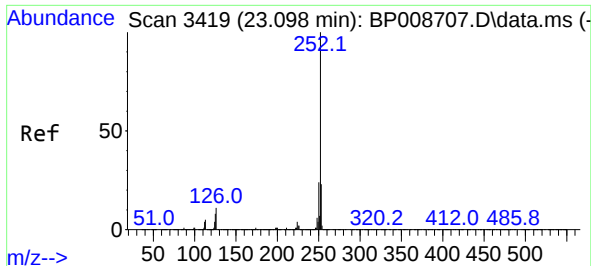
Reviewed By : Christian Giraldo 01/13/2022
Supervised By : Jagrut Upadhyay 01/13/2022



#88
Benzo(b)fluoranthene
Concen: 7.010 ng m
RT: 23.027 min Scan# 3407
Delta R.T. -0.000 min
Lab File: BP008773.D
Acq: 12 Jan 2022 14:41

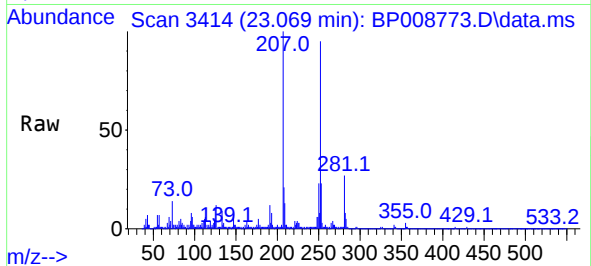
Tgt Ion: 252 Resp: 967905
Ion Ratio Lower Upper
252 100
253 23.1 18.0 27.0
125 9.6 6.9 10.3





#89
Benzo(k)fluoranthene
Concen: 2.232 ng m
RT: 23.069 min Scan# 3419
Delta R.T. -0.012 min
Lab File: BP008773.D
Acq: 12 Jan 2022 14:41

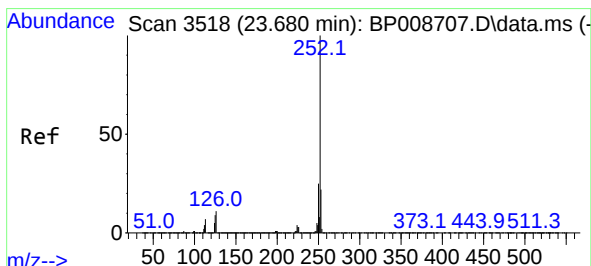
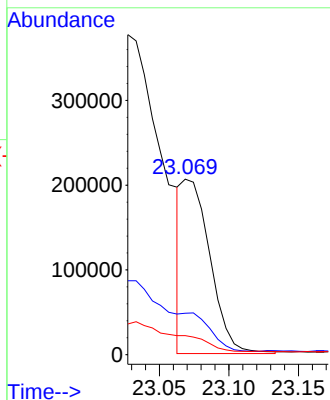
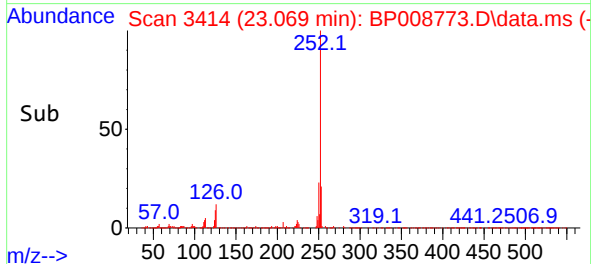
Instrument :
BNA_P
ClientSampleId :
TP-1D



Tgt Ion:252 Resp: 288410
Ion Ratio Lower Upper
252 100
253 23.6 18.2 27.2
125 10.8 7.3 10.9

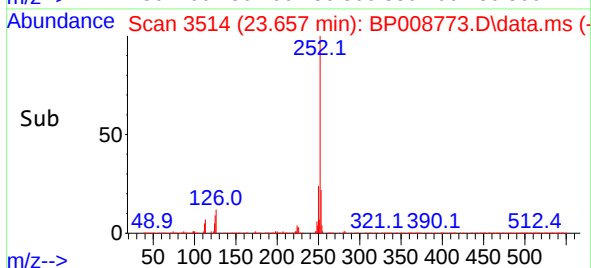
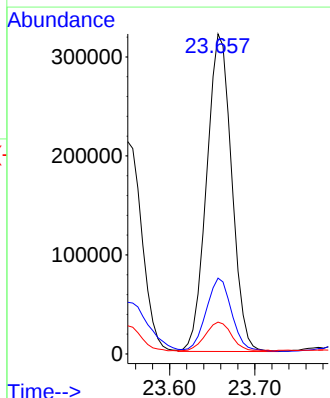
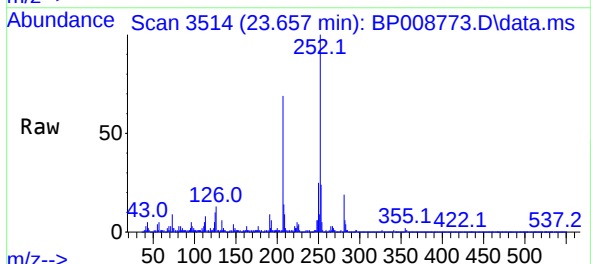
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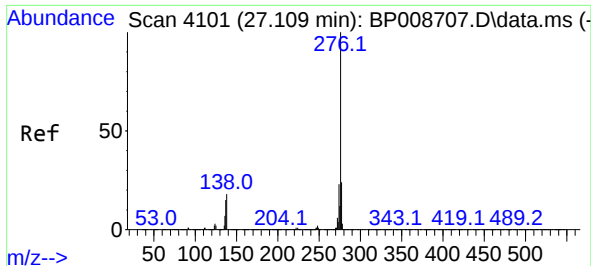
Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022



#90
Benzo(a)pyrene
Concen: 4.902 ng
RT: 23.657 min Scan# 3514
Delta R.T. -0.006 min
Lab File: BP008773.D
Acq: 12 Jan 2022 14:41

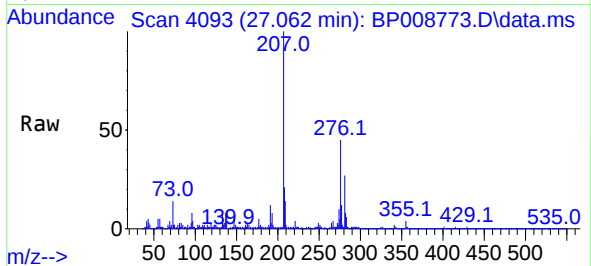
Tgt Ion:252 Resp: 654199
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.8
125 9.9 7.8 11.6





#92
Benzo(g,h,i)perylene
Concen: 2.405 ng
RT: 27.062 min Scan# 4093
Delta R.T. -0.012 min
Lab File: BP008773.D
Acq: 12 Jan 2022 14:41

Instrument :
BNA_P
ClientSampleId :
TP-1D



Tgt Ion: 276 Resp: 340579
Ion Ratio Lower Upper
276 100
277 26.4 19.2 28.8
138 20.0 15.0 22.4

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 01/13/2022
Supervised By : Jagrut Upadhyay 01/13/2022

