

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013122\
 Data File : BP008970.D
 Acq On : 31 Jan 2022 18:03
 Operator : CG/JU
 Sample : N1303-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CC-7

Quant Time: Feb 01 04:21:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 01 04:16:03 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 02/01/2022
 Supervised By : Jagrut Upadhyay 02/01/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	194060	20.000	ng	0.00
21) Naphthalene-d8	10.628	136	722165	20.000	ng	0.00
39) Acenaphthene-d10	14.469	164	471936	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	1025676	20.000	ng	-0.01
76) Chrysene-d12	21.316	240	1161554	20.000	ng	-0.01
86) Perylene-d12	23.721	264	1302500	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	27237	2.170	ng	0.00
7) Phenol-d6	7.011	99	463091	30.474	ng	0.00
23) Nitrobenzene-d5	8.987	82	944440	74.248	ng	-0.01
42) 2,4,6-Tribromophenol	15.981	330	1209	0.176	ng	0.00
45) 2-Fluorobiphenyl	13.087	172	2367798	66.164	ng	-0.01
79) Terphenyl-d14	19.786	244	4128222	59.990	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	10.675	128	2257655	57.559	ng	99
37) 2-Methylnaphthalene	12.293	142	303837	10.596	ng	98
38) 1-Methylnaphthalene	12.510	142	168942	6.419	ng	97
52) Acenaphthene	14.534	154	97971	3.693	ng	98
55) Dibenzofuran	14.869	168	126163	2.918	ng	96
58) Fluorene	15.516	166	162100	4.747	ng	100
71) Phenanthrene	17.263	178	1848843	32.015	ng	100
72) Anthracene	17.357	178	340267	5.874	ng	99
73) Carbazole	17.634	167	147921	2.970	ng	99
75) Fluoranthene	19.239	202	2267495	35.308	ng	96
78) Pyrene	19.592	202	2139084	26.393	ng	99
81) Benzo(a)anthracene	21.298	228	1230276	15.744	ng	99
83) Chrysene	21.351	228	1220686	16.114	ng	97
84) Bis(2-ethylhexyl)phtha...	21.227	149	178904	3.544	ng	98
87) Indeno(1,2,3-cd)pyrene	26.233	276	763970	7.118	ng	96
88) Benzo(b)fluoranthene	22.992	252	1628931m	18.727	ng	
89) Benzo(k)fluoranthene	23.033	252	442894m	5.260	ng	
90) Benzo(a)pyrene	23.616	252	1052871	12.540	ng	98
91) Dibenzo(a,h)anthracene	26.239	278	219774	2.408	ng	# 90
92) Benzo(g,h,i)perylene	27.010	276	758545	8.513	ng	100

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

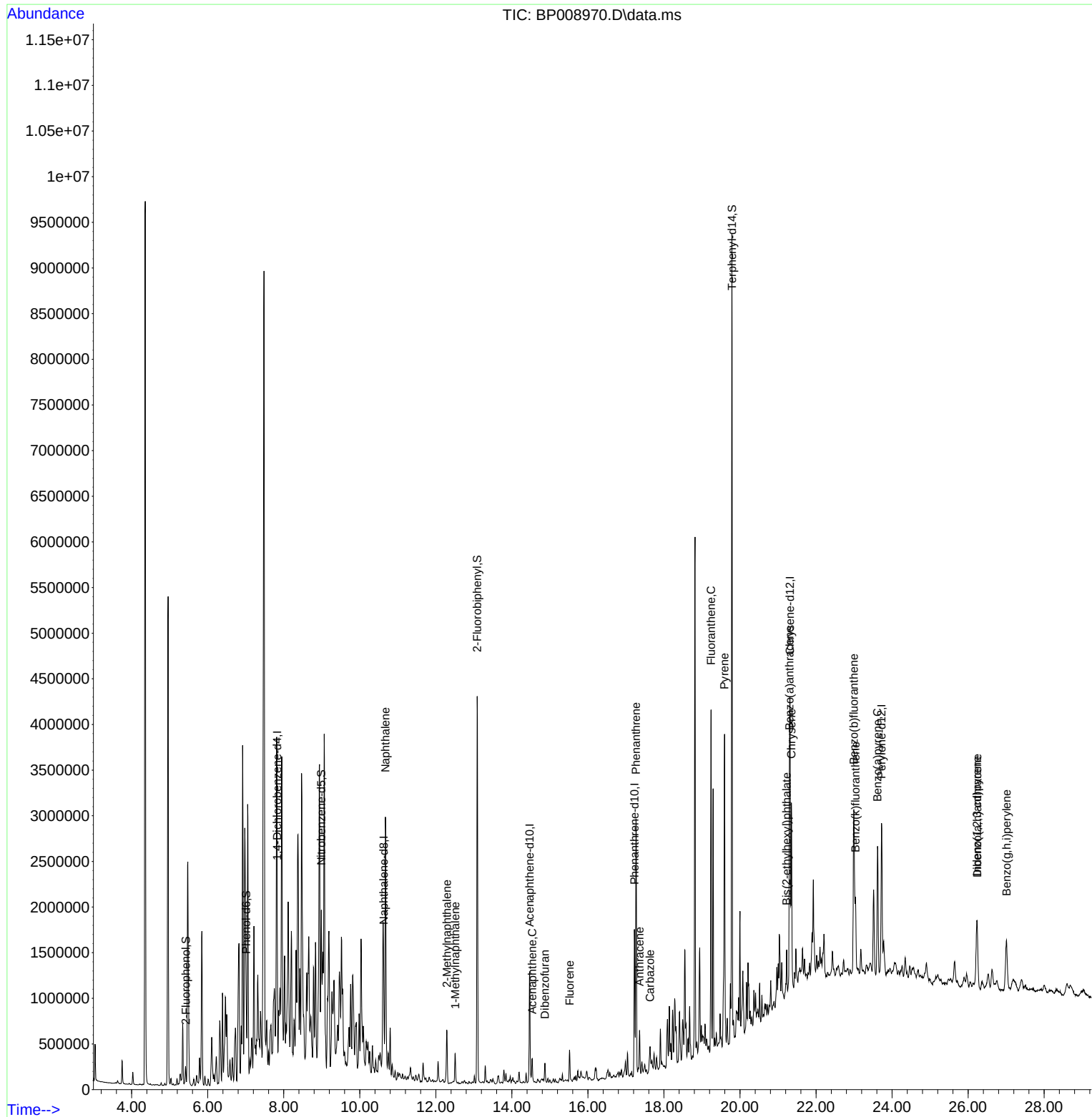
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013122\
Data File : BP008970.D
Acq On : 31 Jan 2022 18:03
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ALS Vial : 12 Sample Multiplier: 1

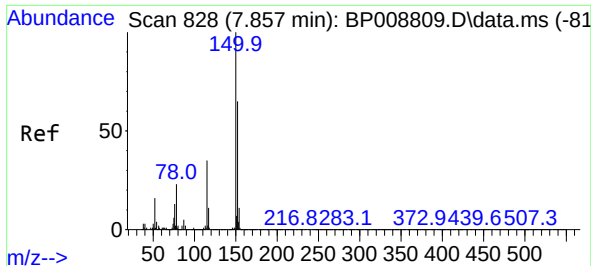
Instrument :
BNA_P
ClientSampleId :
CC-7

Quant Time: Feb 01 04:21:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 01 04:16:03 2022
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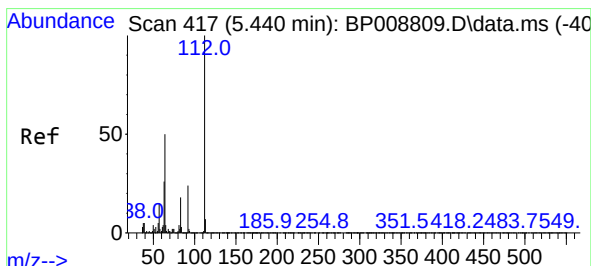
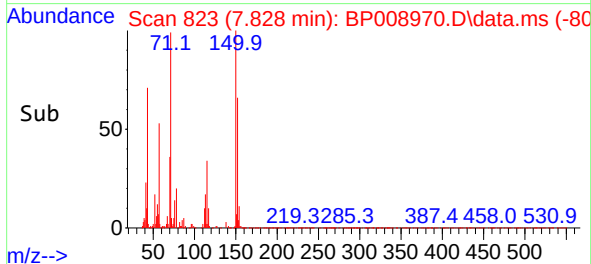
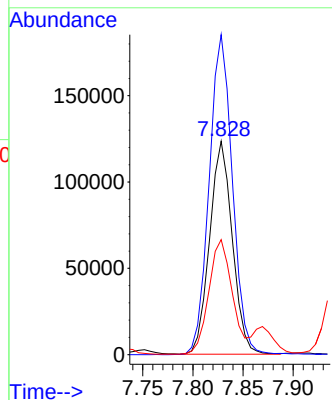
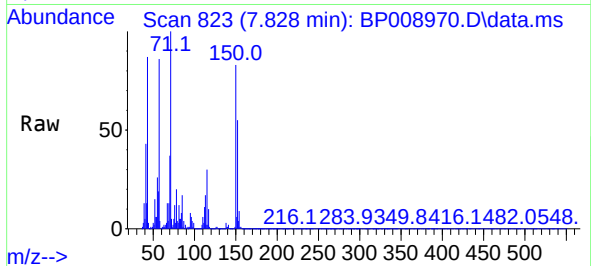
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.828 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008970.D
Acq: 31 Jan 2022 18:03

Instrument :
BNA_P
ClientSampleId :
CC-7

Tgt Ion:152 Resp: 194060
Ion Ratio Lower Upper
152 100
150 149.9 127.0 190.6
115 53.9 43.7 65.5

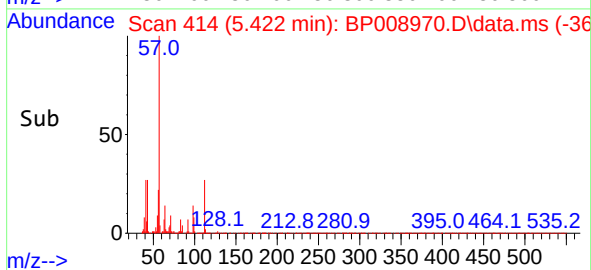
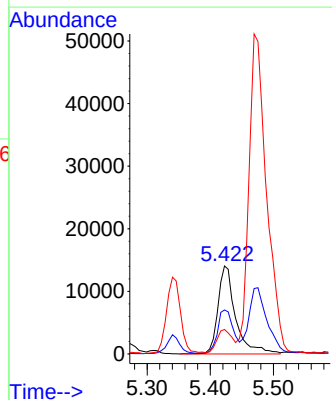
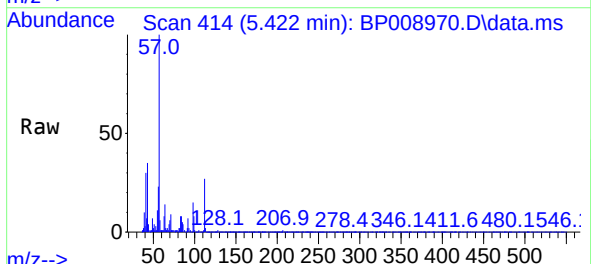
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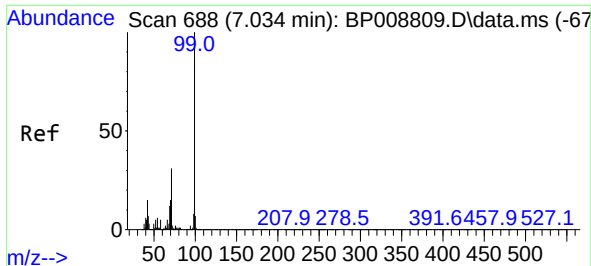
Reviewed By :Christian Giraldo 02/01/2022
Supervised By :Jagrut Upadhyay 02/01/2022



#5
2-Fluorophenol
Concen: 2.170 ng
RT: 5.422 min Scan# 414
Delta R.T. 0.000 min
Lab File: BP008970.D
Acq: 31 Jan 2022 18:03

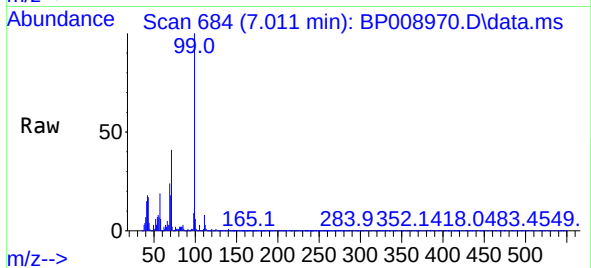
Tgt Ion:112 Resp: 27237
Ion Ratio Lower Upper
112 100
64 50.0 39.7 59.5
63 27.8 20.0 30.0





#7
Phenol-d6
Concen: 30.474 ng
RT: 7.011 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008970.D
Acq: 31 Jan 2022 18:03

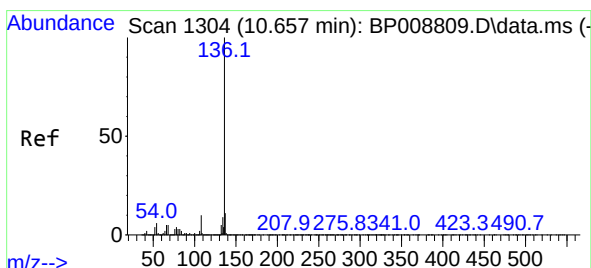
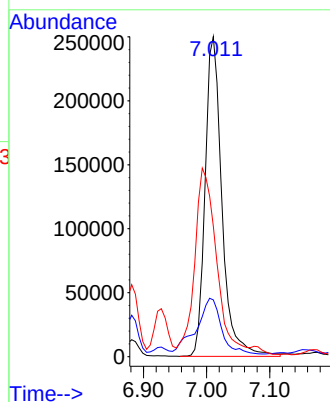
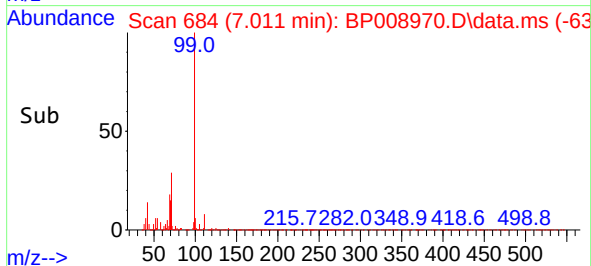
Instrument :
BNA_P
ClientSampleId :
CC-7



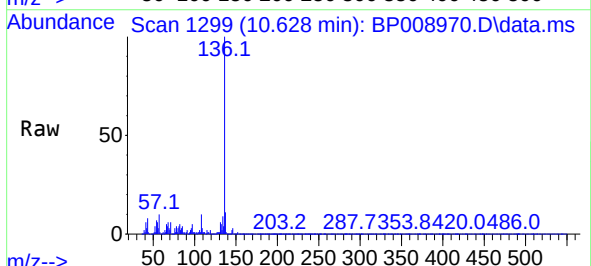
Tgt Ion: 99 Resp: 46309
Ion Ratio Lower Upper
99 100
42 17.7 10.8 16.2
71 40.8 23.8 35.6

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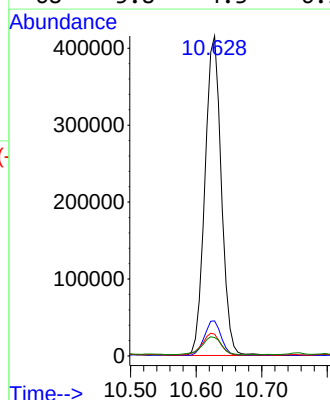
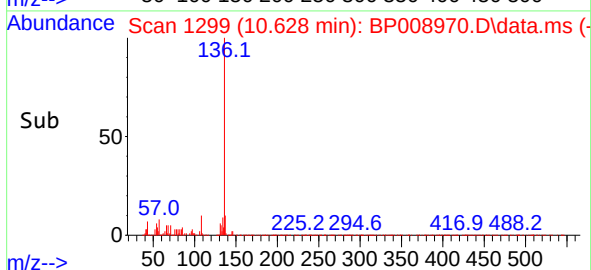
Reviewed By :Christian Giraldo 02/01/2022
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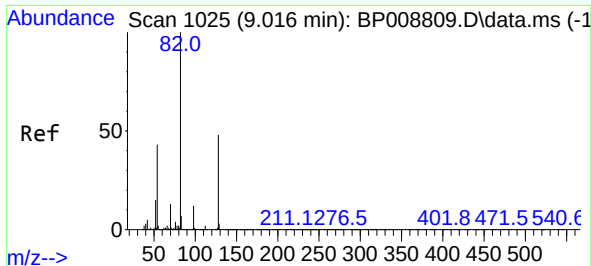


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.628 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BP008970.D
Acq: 31 Jan 2022 18:03



Tgt Ion:136 Resp: 722165
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.8 4.9 7.3
68 5.8 4.3 6.5





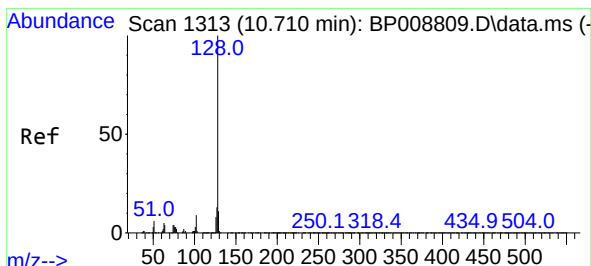
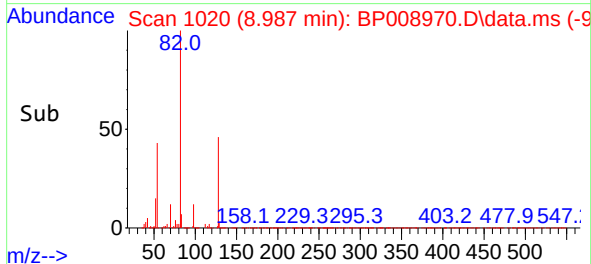
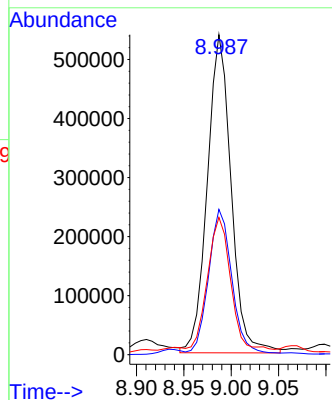
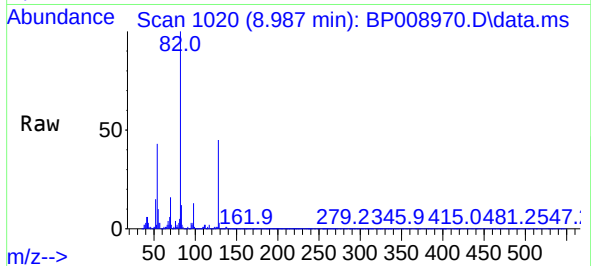
#23
Nitrobenzene-d5
Concen: 74.248 ng
RT: 8.987 min Scan# 10
Delta R.T. -0.011 min
Lab File: BP008970.D
Acq: 31 Jan 2022 18:03

Instrument :
BNA_P
ClientSampleId :
CC-7

Tgt Ion: 82 Resp: 944440
Ion Ratio Lower Upper
82 100
128 45.4 39.4 59.2
54 42.9 32.6 48.8

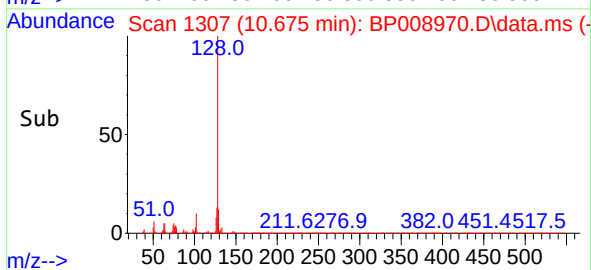
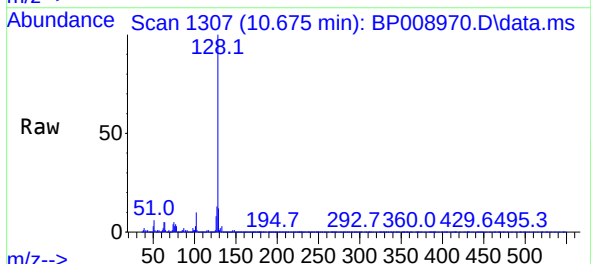
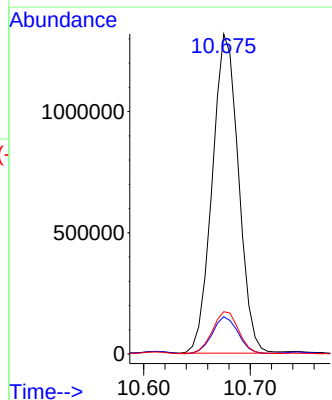
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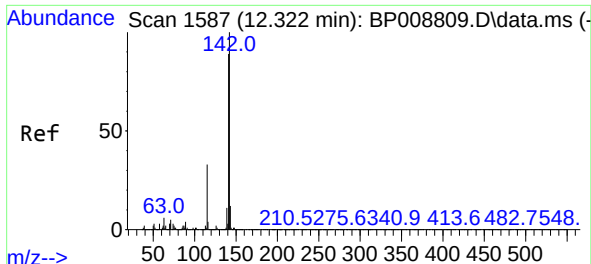
Reviewed By :Christian Giraldo 02/01/2022
Supervised By :Jagrut Upadhyay 02/01/2022



#31
Naphthalene
Concen: 57.559 ng
RT: 10.675 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BP008970.D
Acq: 31 Jan 2022 18:03

Tgt Ion:128 Resp: 2257655
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 13.2 10.4 15.6





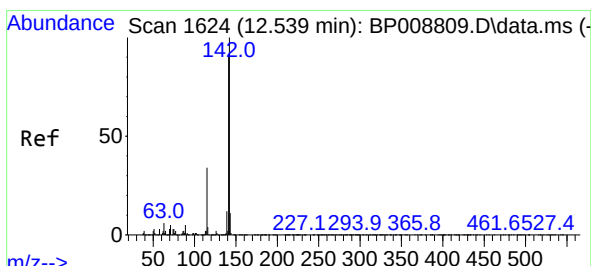
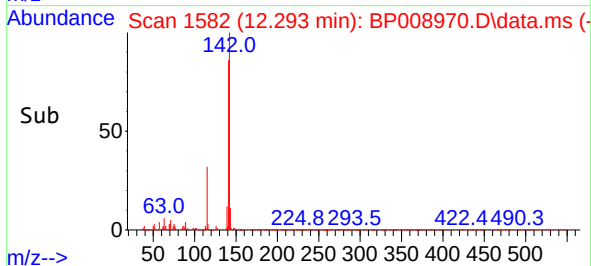
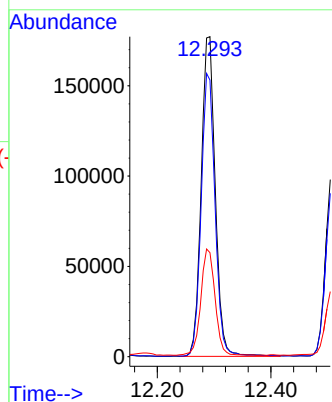
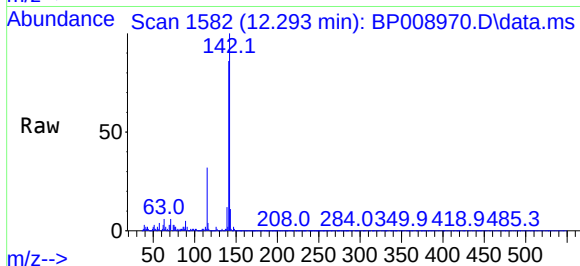
#37
2-Methylnaphthalene
Concen: 10.596 ng
RT: 12.293 min Scan# 1619
Delta R.T. -0.006 min
Lab File: BP008970.D
Acq: 31 Jan 2022 18:03

Instrument :
BNA_P
ClientSampleId :
CC-7

Tgt Ion:142 Resp: 30383
Ion Ratio Lower Upper
142 100
141 86.5 70.5 105.7
115 32.5 24.6 36.8

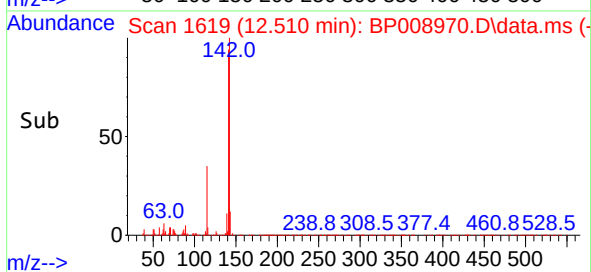
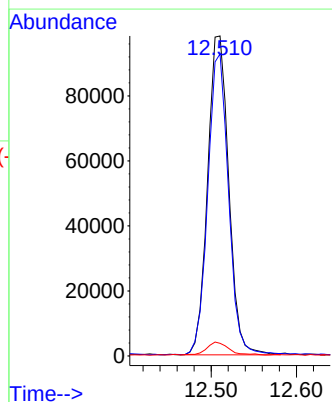
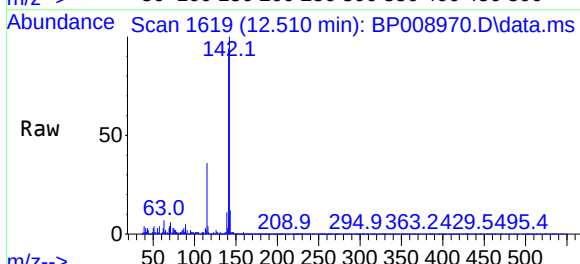
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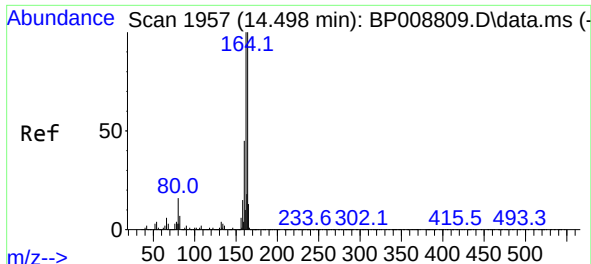
Reviewed By :Christian Giraldo 02/01/2022
Supervised By :Jagrut Upadhyay 02/01/2022



#38
1-Methylnaphthalene
Concen: 6.419 ng
RT: 12.510 min Scan# 1619
Delta R.T. -0.006 min
Lab File: BP008970.D
Acq: 31 Jan 2022 18:03

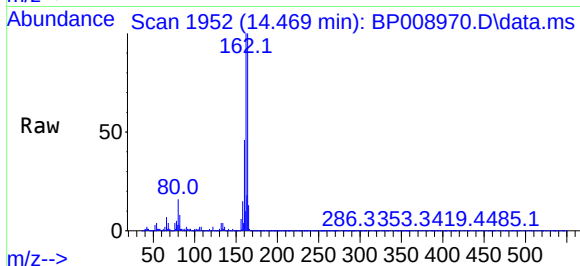
Tgt Ion:142 Resp: 168942
Ion Ratio Lower Upper
142 100
141 94.4 73.2 109.8
116 3.9 2.7 4.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BP008970.D
Acq: 31 Jan 2022 18:03

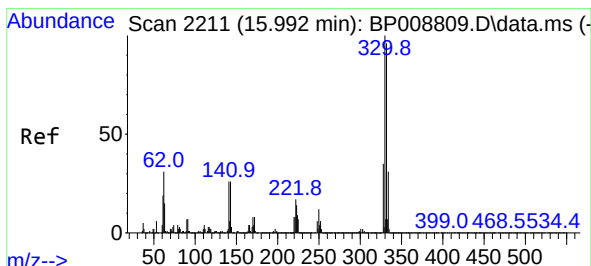
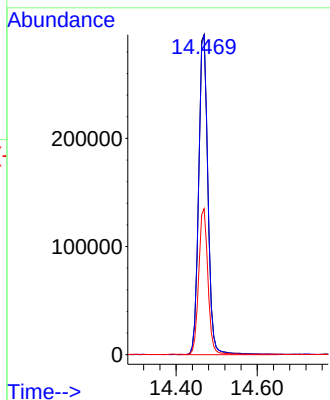
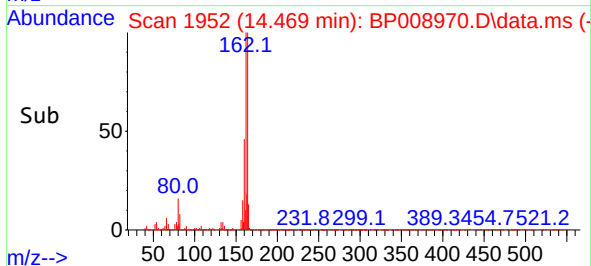
Instrument :
BNA_P
ClientSampleId :
CC-7



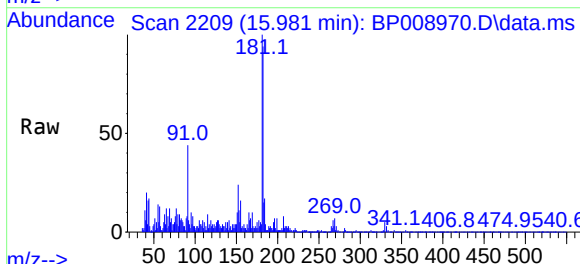
Tgt Ion:164 Resp: 471930
Ion Ratio Lower Upper
164 100
162 99.8 79.9 119.9
160 45.6 35.5 53.3

Manual Integrations
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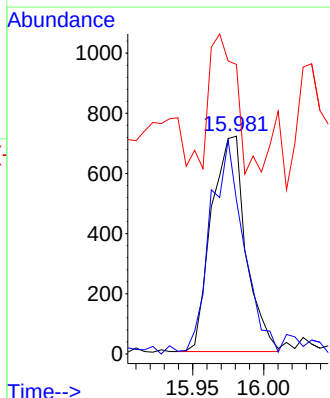
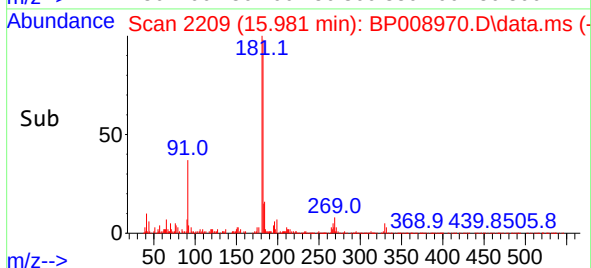
Reviewed By :Christian Giraldo 02/01/2022
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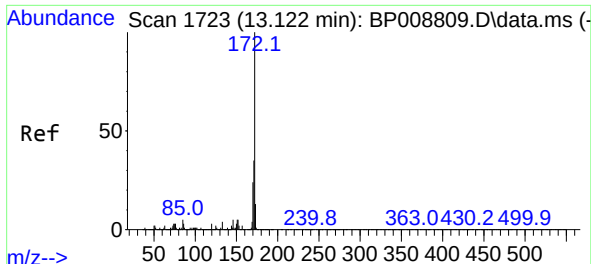


#42
2,4,6-Tribromophenol
Concen: 0.176 ng
RT: 15.981 min Scan# 2209
Delta R.T. 0.006 min
Lab File: BP008970.D
Acq: 31 Jan 2022 18:03



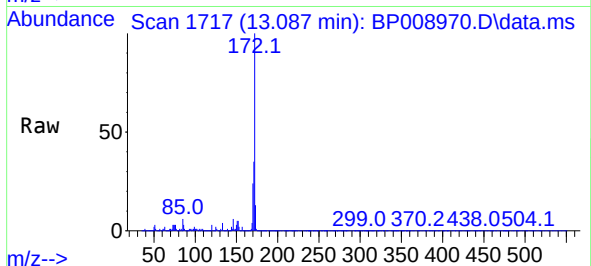
Tgt Ion:330 Resp: 1209
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.4
141 48.1 21.3 31.9#





#45
2-Fluorobiphenyl
Concen: 66.164 ng
RT: 13.087 min Scan# 1717
Delta R.T. -0.011 min
Lab File: BP008970.D
Acq: 31 Jan 2022 18:03

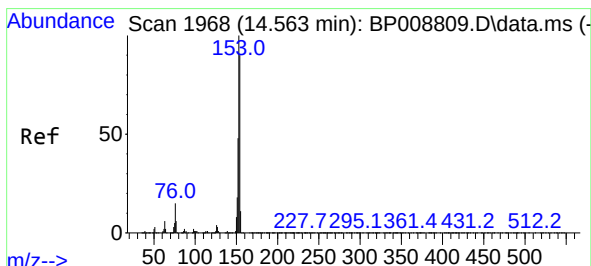
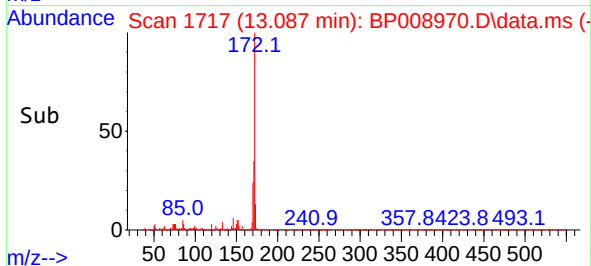
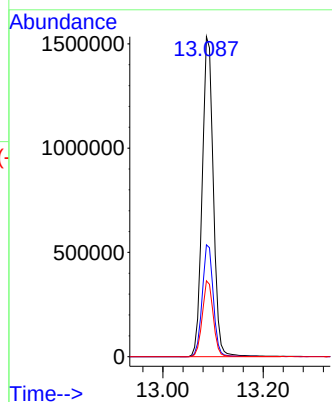
Instrument :
BNA_P
ClientSampleId :
CC-7



Tgt Ion:172 Resp: 2367798
Ion Ratio Lower Upper
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171 35.0 29.3 43.9
170 23.7 19.5 29.3

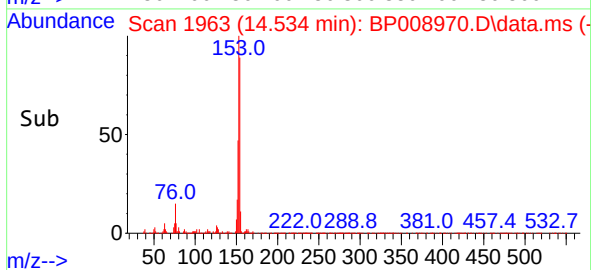
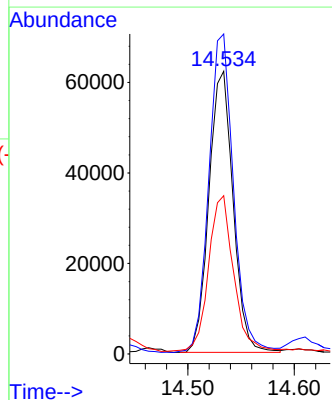
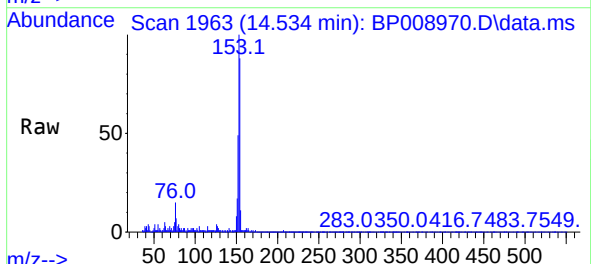
Manual Integrations
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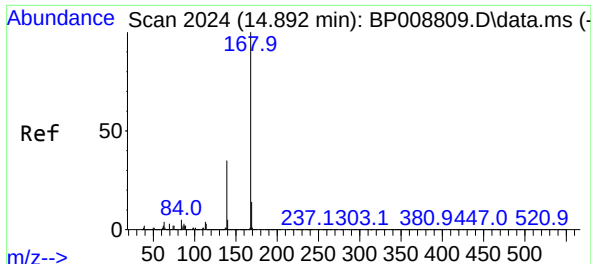
Reviewed By :Christian Giraldo 02/01/2022
Supervised By :Jagrut Upadhyay 02/01/2022



#52
Acenaphthene
Concen: 3.693 ng
RT: 14.534 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BP008970.D
Acq: 31 Jan 2022 18:03

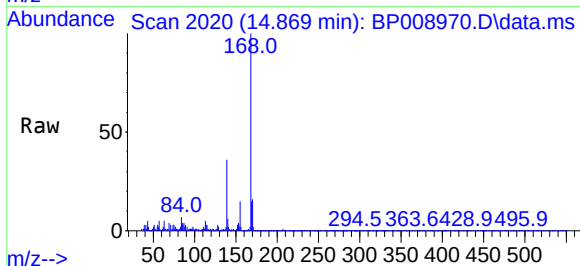
Tgt Ion:154 Resp: 97971
Ion Ratio Lower Upper
154 100
153 113.2 89.4 134.2
152 56.0 42.6 63.8





#55
Dibenzenofuran
Concen: 2.918 ng
RT: 14.869 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP008970.D
Acq: 31 Jan 2022 18:03

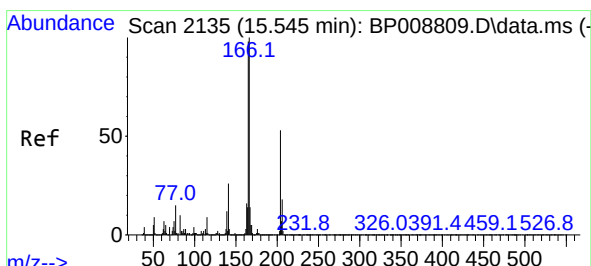
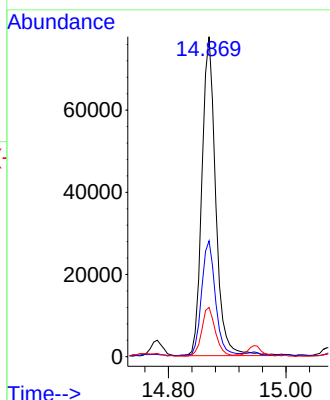
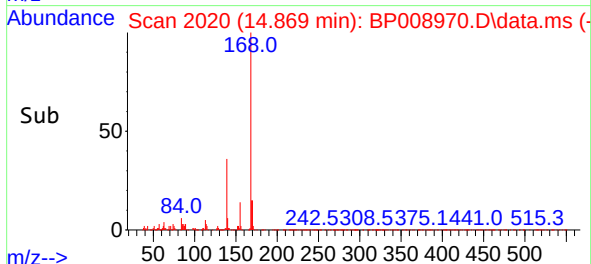
Instrument :
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CC-7



Tgt Ion:168 Resp: 12616
Ion Ratio Lower Upper
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139 36.2 27.4 41.0
169 15.4 10.9 16.3

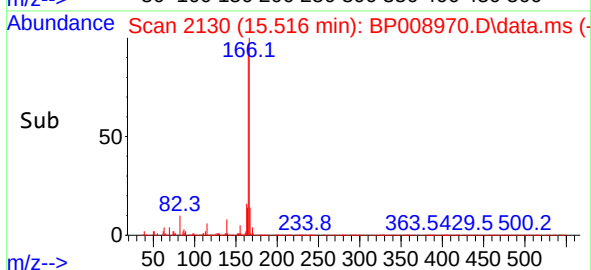
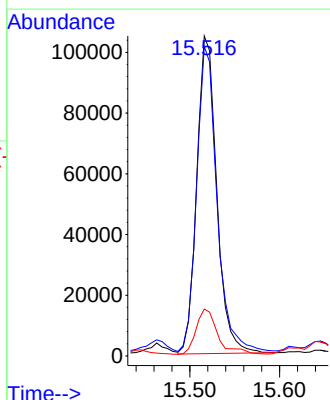
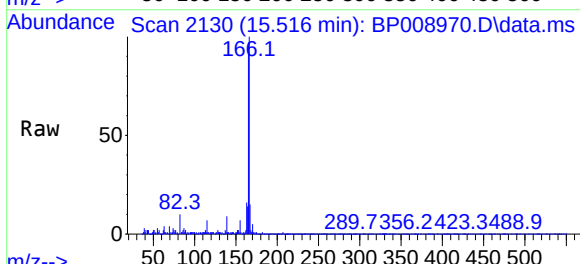
Manual Integrations
APPROVED

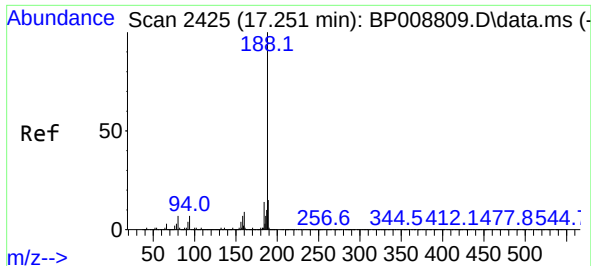
Reviewed By :Christian Giraldo 02/01/2022
Supervised By :Jagrut Upadhyay 02/01/2022



#58
Fluorene
Concen: 4.747 ng
RT: 15.516 min Scan# 2130
Delta R.T. -0.011 min
Lab File: BP008970.D
Acq: 31 Jan 2022 18:03

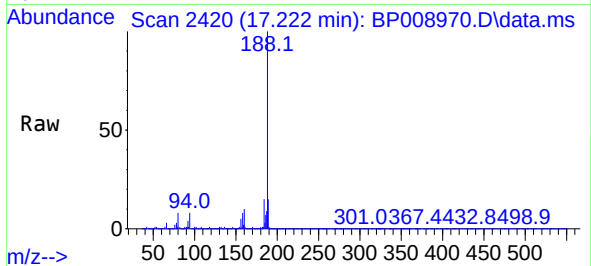
Tgt Ion:166 Resp: 162100
Ion Ratio Lower Upper
166 100
165 96.7 77.2 115.8
167 14.7 11.2 16.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2420
Delta R.T. -0.012 min
Lab File: BP008970.D
Acq: 31 Jan 2022 18:03

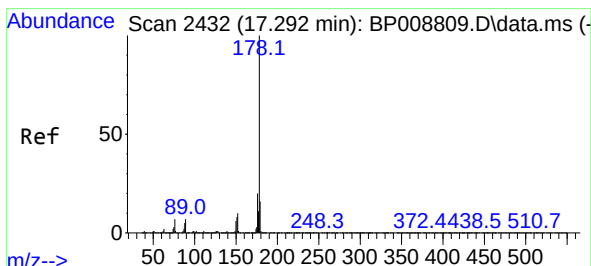
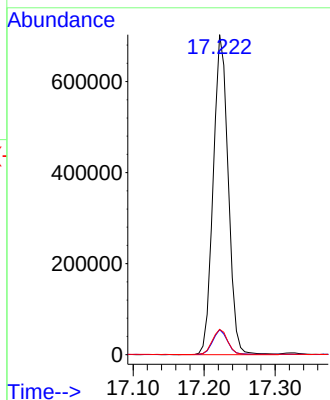
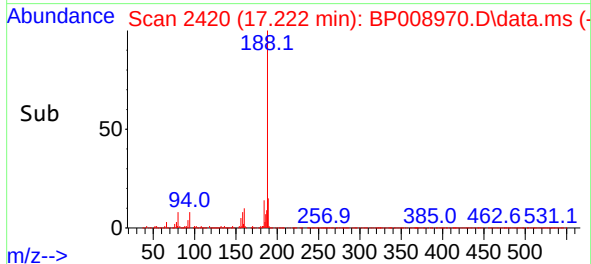
Instrument :
BNA_P
ClientSampleId :
CC-7



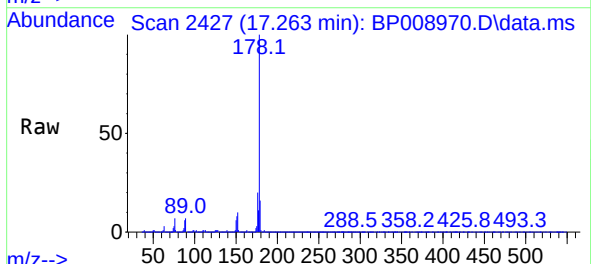
Tgt Ion:188 Resp: 1025670
Ion Ratio Lower Upper
188 100
94 7.9 6.8 10.2
80 7.9 7.2 10.8

Manual Integrations
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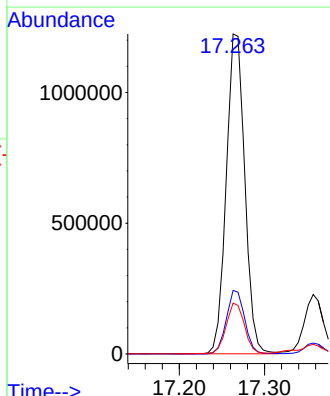
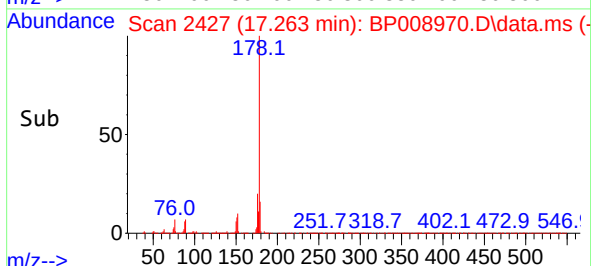
Reviewed By :Christian Giraldo 02/01/2022
Supervised By :Jagrut Upadhyay 02/01/2022

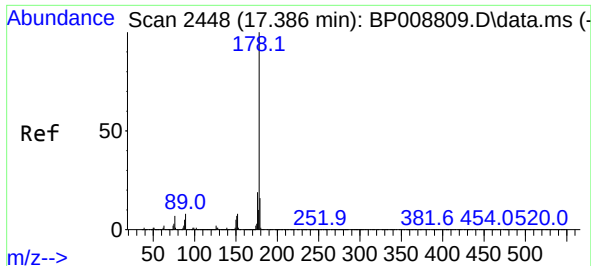


#71
Phenanthrene
Concen: 32.015 ng
RT: 17.263 min Scan# 2427
Delta R.T. -0.012 min
Lab File: BP008970.D
Acq: 31 Jan 2022 18:03



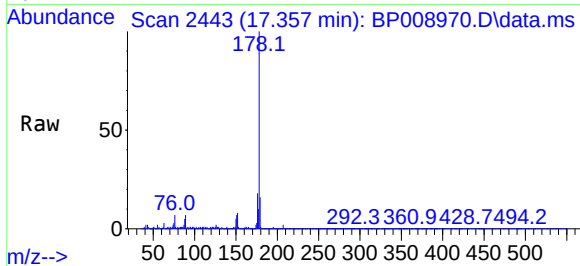
Tgt Ion:178 Resp: 1848843
Ion Ratio Lower Upper
178 100
176 19.9 16.0 24.0
179 15.9 13.0 19.4





#72
 Anthracene
 Concen: 5.874 ng
 RT: 17.357 min Scan# 2448
 Delta R.T. -0.012 min
 Lab File: BP008970.D
 Acq: 31 Jan 2022 18:03

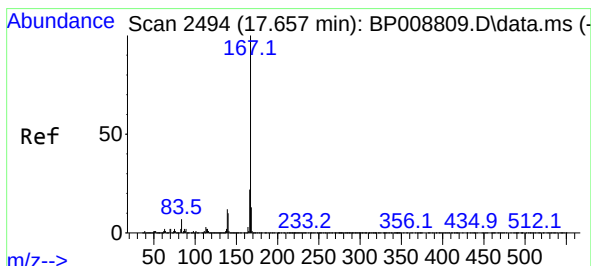
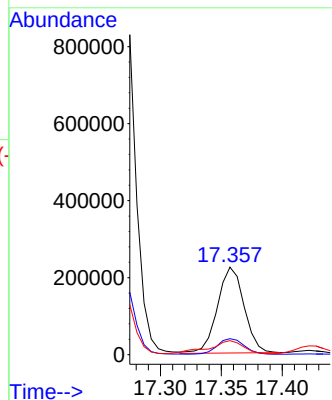
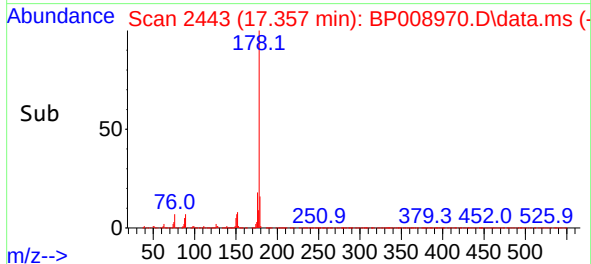
Instrument :
 BNA_P
 ClientSampleId :
 CC-7



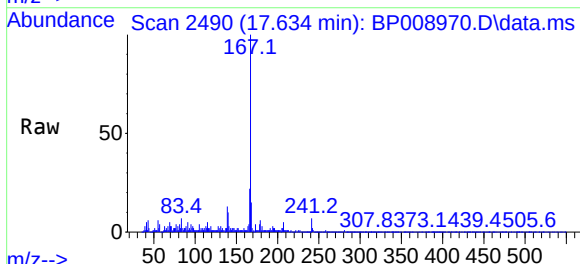
Tgt Ion:178 Resp: 34026
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.1 22.7
 179 16.2 12.8 19.2

Manual Integrations
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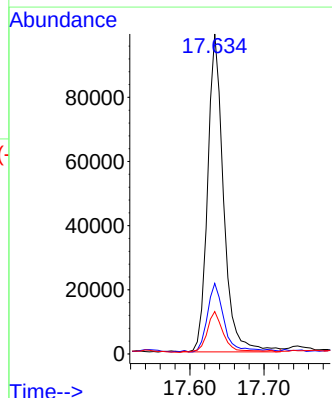
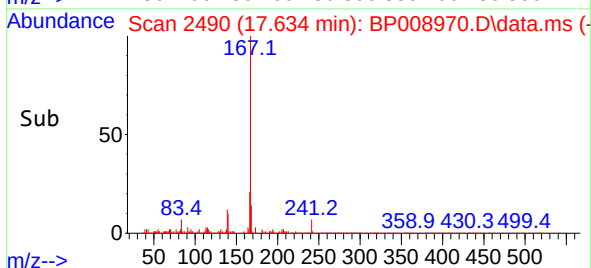
Reviewed By :Christian Giraldo 02/01/2022
 Supervised By :Jagrut Upadhyay 02/01/2022

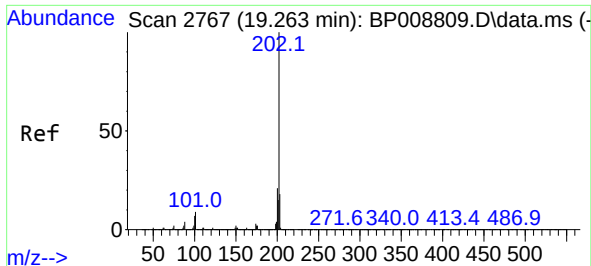


#73
 Carbazole
 Concen: 2.970 ng
 RT: 17.634 min Scan# 2490
 Delta R.T. -0.006 min
 Lab File: BP008970.D
 Acq: 31 Jan 2022 18:03



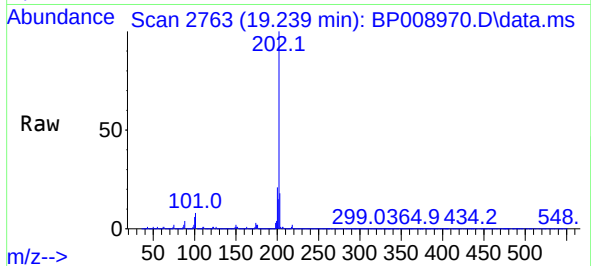
Tgt Ion:167 Resp: 147921
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 13.3 9.8 14.6





#75
Fluoranthene
Concen: 35.308 ng
RT: 19.239 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008970.D
Acq: 31 Jan 2022 18:03

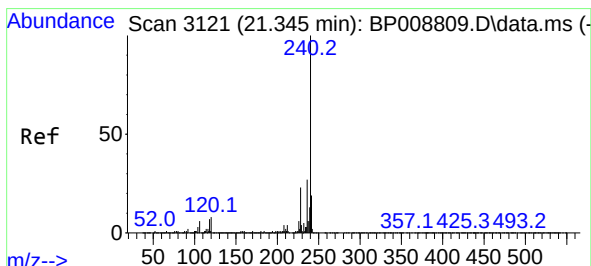
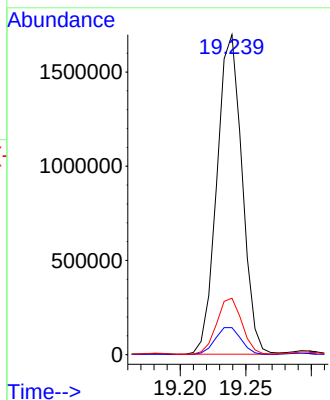
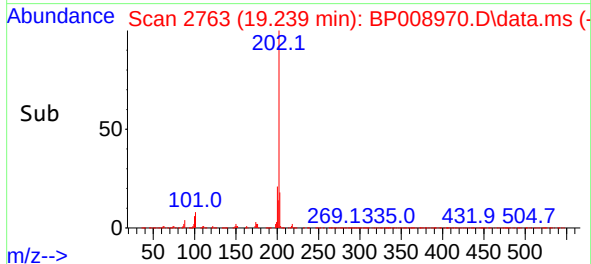
Instrument :
BNA_P
ClientSampleId :
CC-7



Tgt Ion:202 Resp: 226749
Ion Ratio Lower Upper
202 100
101 8.5 0.0 30.7
203 17.6 0.0 38.9

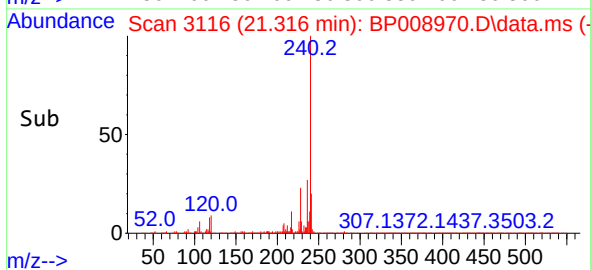
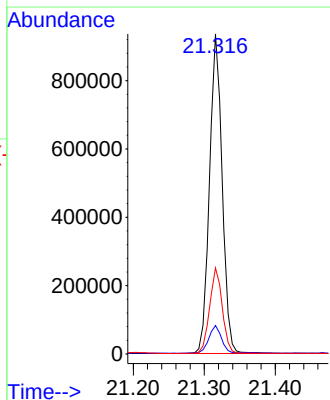
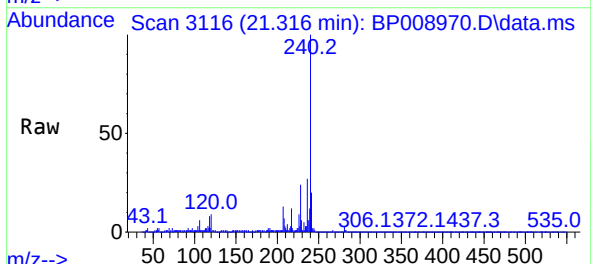
Manual Integrations
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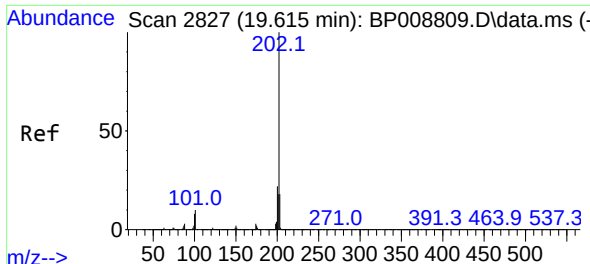
Reviewed By :Christian Giraldo 02/01/2022
Supervised By :Jagrut Upadhyay 02/01/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.316 min Scan# 3116
Delta R.T. -0.011 min
Lab File: BP008970.D
Acq: 31 Jan 2022 18:03

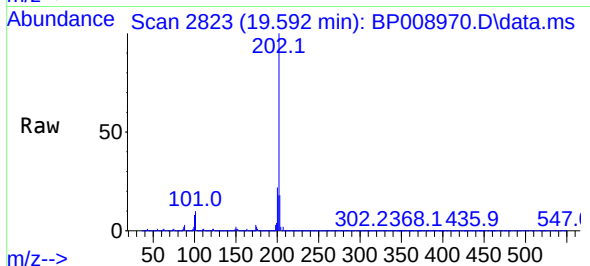
Tgt Ion:240 Resp: 1161554
Ion Ratio Lower Upper
240 100
120 8.9 7.7 11.5
236 26.9 21.2 31.8





#78
Pyrene
Concen: 26.393 ng
RT: 19.592 min Scan# 2139084
Delta R.T. -0.006 min
Lab File: BP008970.D
Acq: 31 Jan 2022 18:03

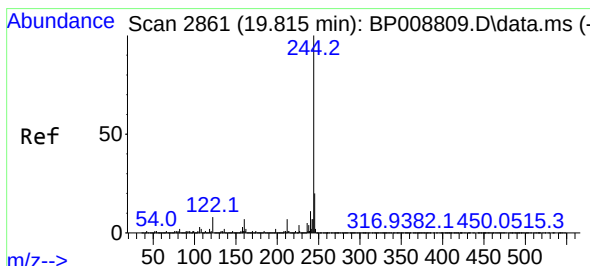
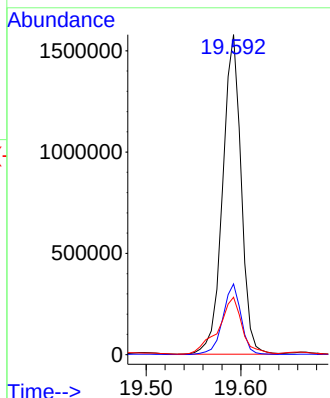
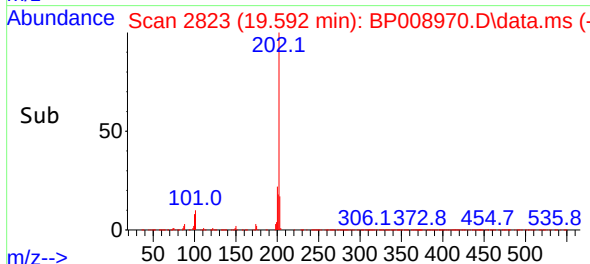
Instrument :
BNA_P
ClientSampleId :
CC-7



Tgt Ion:202 Resp: 2139084
Ion Ratio Lower Upper
202 100
200 22.1 18.0 27.0
203 17.9 15.0 22.6

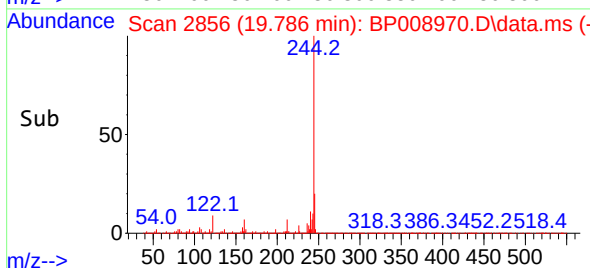
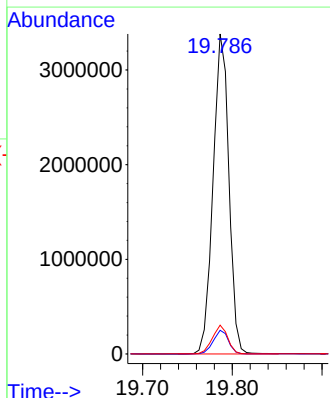
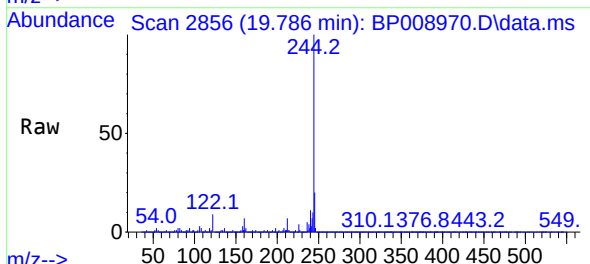
Manual Integrations
APPROVED

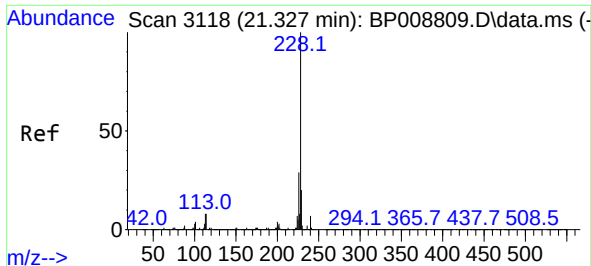
Reviewed By :Christian Giraldo 02/01/2022
Supervised By :Jagrut Upadhyay 02/01/2022



#79
Terphenyl-d14
Concen: 59.990 ng
RT: 19.786 min Scan# 2856
Delta R.T. -0.012 min
Lab File: BP008970.D
Acq: 31 Jan 2022 18:03

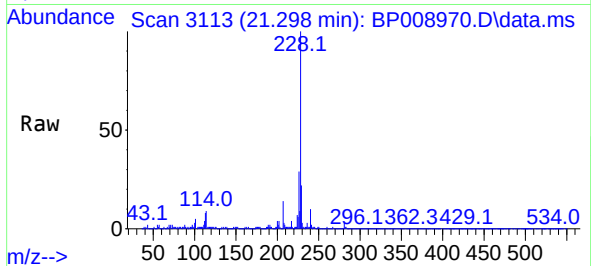
Tgt Ion:244 Resp: 4128222
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 9.0 9.2 13.8#





#81
Benzo(a)anthracene
Concen: 15.744 ng
RT: 21.298 min Scan# 3113
Delta R.T. -0.011 min
Lab File: BP008970.D
Acq: 31 Jan 2022 18:03

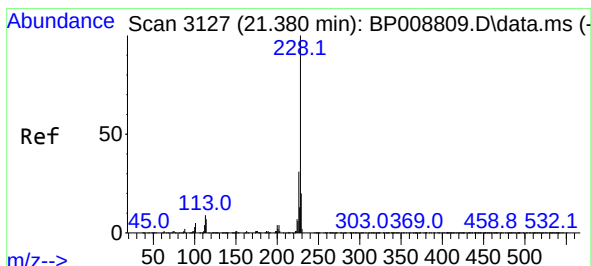
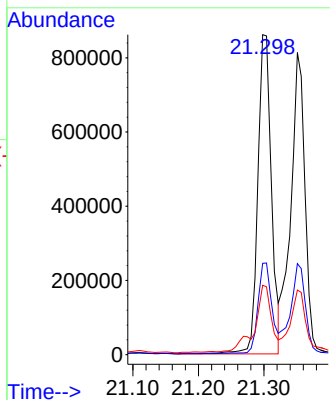
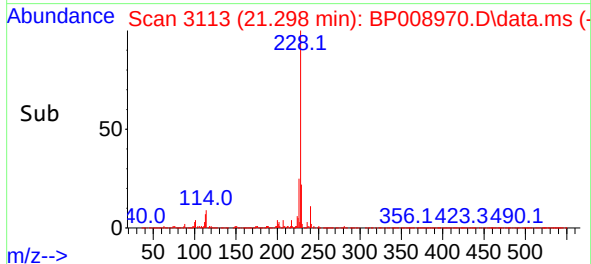
Instrument :
BNA_P
ClientSampleId :
CC-7



Tgt Ion:228 Resp: 1230270
Ion Ratio Lower Upper
228 100
226 28.5 23.3 34.9
229 21.7 17.0 25.6

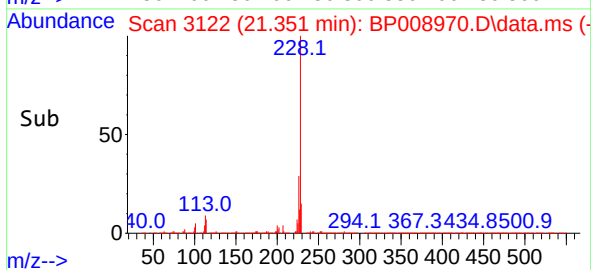
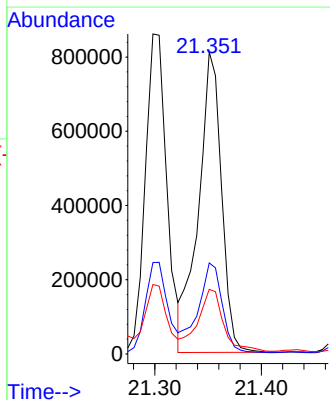
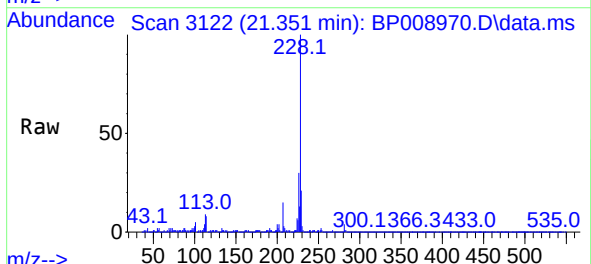
Manual Integrations
APPROVED

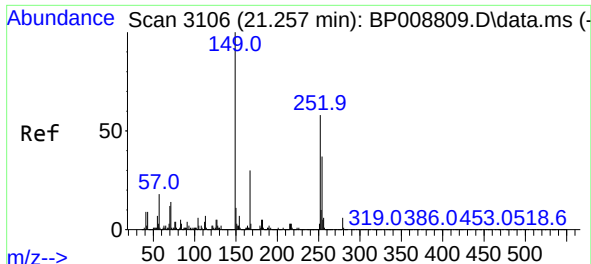
Reviewed By :Christian Giraldo 02/01/2022
Supervised By :Jagrut Upadhyay 02/01/2022



#83
Chrysene
Concen: 16.114 ng
RT: 21.351 min Scan# 3122
Delta R.T. -0.011 min
Lab File: BP008970.D
Acq: 31 Jan 2022 18:03

Tgt Ion:228 Resp: 1220686
Ion Ratio Lower Upper
228 100
226 30.1 26.0 39.0
229 21.4 16.9 25.3





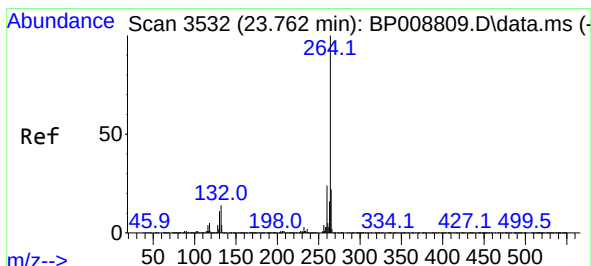
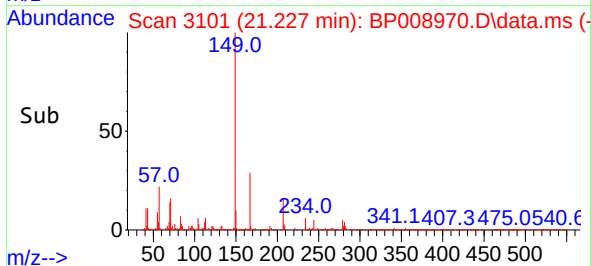
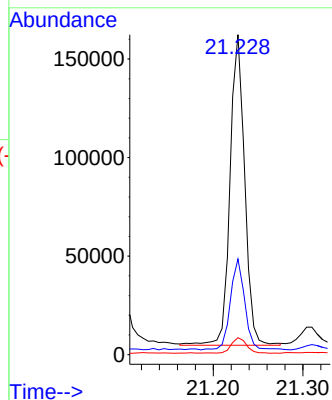
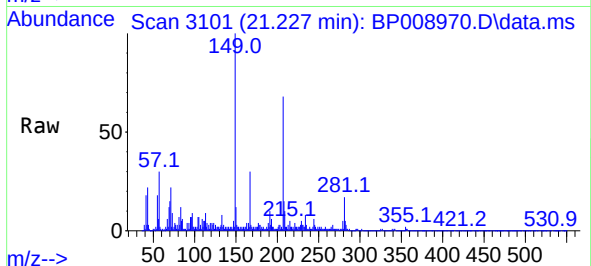
#84
Bis(2-ethylhexyl)phthalate
Concen: 3.544 ng
RT: 21.227 min Scan# 3106
Delta R.T. -0.012 min
Lab File: BP008970.D
Acq: 31 Jan 2022 18:03

Instrument :
BNA_P
ClientSampleId :
CC-7

Tgt Ion:149 Resp: 178904
Ion Ratio Lower Upper
149 100
167 29.9 25.0 37.4
279 5.3 4.8 7.2

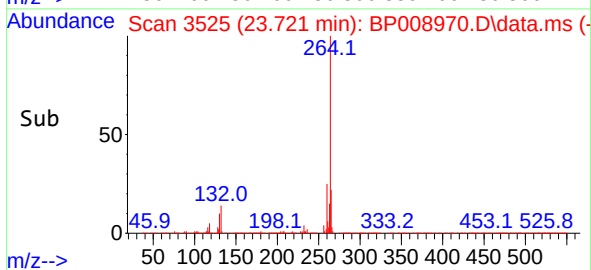
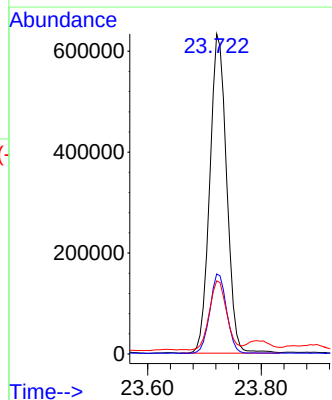
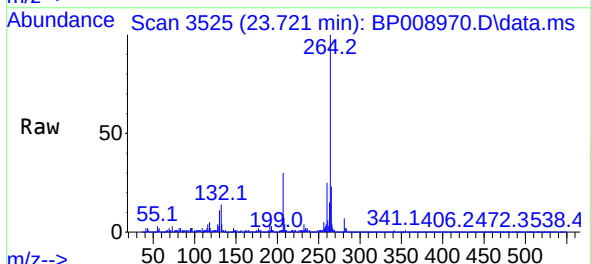
Manual Integrations
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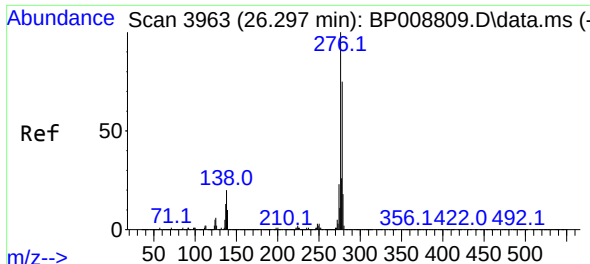
Reviewed By :Christian Giraldo 02/01/2022
Supervised By :Jagrut Upadhyay 02/01/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.721 min Scan# 3525
Delta R.T. -0.017 min
Lab File: BP008970.D
Acq: 31 Jan 2022 18:03

Tgt Ion:264 Resp: 1302500
Ion Ratio Lower Upper
264 100
260 25.0 19.1 28.7
265 22.9 17.1 25.7





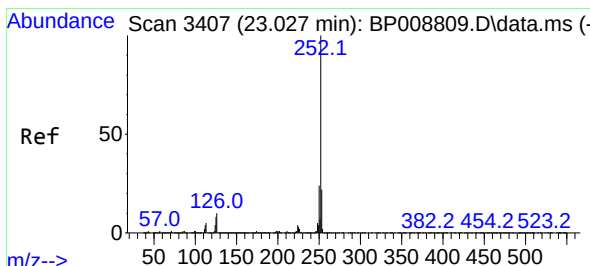
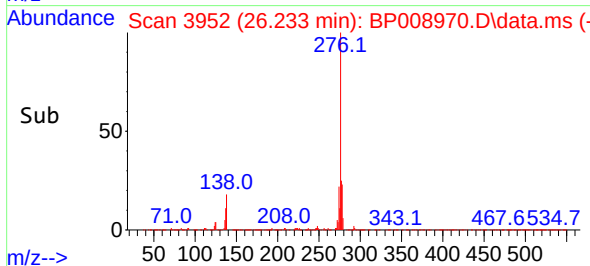
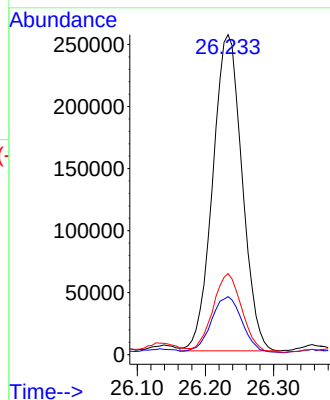
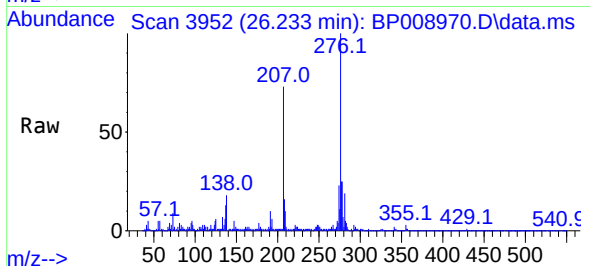
#87
Indeno(1,2,3-cd)pyrene
Concen: 7.118 ng
RT: 26.233 min Scan# 3963
Delta R.T. -0.029 min
Lab File: BP008970.D
Acq: 31 Jan 2022 18:03

Instrument :
BNA_P
ClientSampleId :
CC-7

Tgt Ion:276 Resp: 763970
Ion Ratio Lower Upper
276 100
138 18.7 17.8 26.6
277 24.8 20.4 30.6

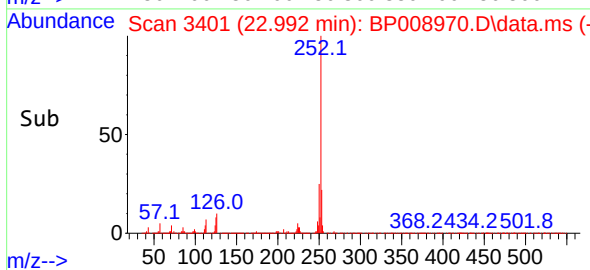
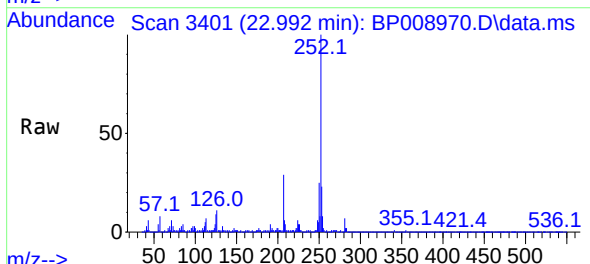
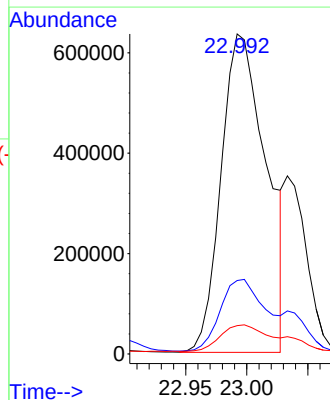
Manual Integrations
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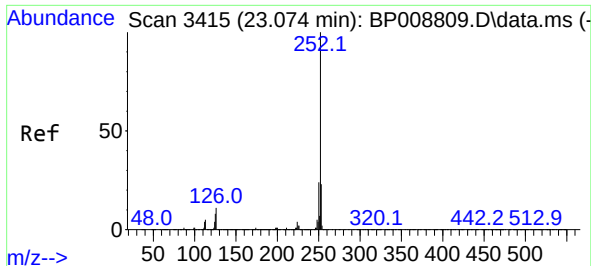
Reviewed By :Christian Giraldo 02/01/2022
Supervised By :Jagrut Upadhyay 02/01/2022



#88
Benzo(b)fluoranthene
Concen: 18.727 ng m
RT: 22.992 min Scan# 3401
Delta R.T. -0.011 min
Lab File: BP008970.D
Acq: 31 Jan 2022 18:03

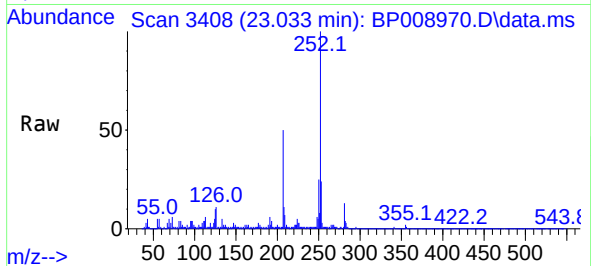
Tgt Ion:252 Resp: 1628931
Ion Ratio Lower Upper
252 100
253 23.0 18.0 27.0
125 8.9 6.9 10.3





#89
Benzo(k)fluoranthene
Concen: 5.260 ng m
RT: 23.033 min Scan# 3415
Delta R.T. -0.017 min
Lab File: BP008970.D
Acq: 31 Jan 2022 18:03

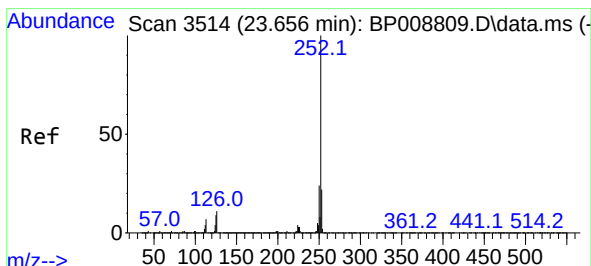
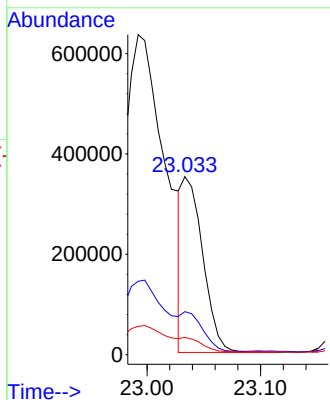
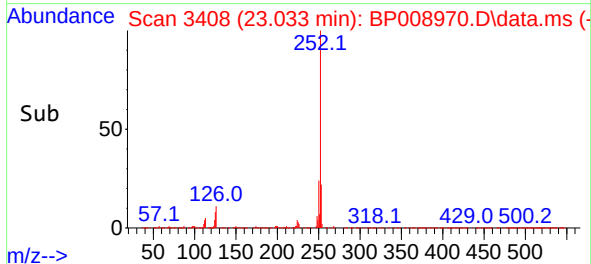
Instrument :
BNA_P
ClientSampleId :
CC-7



Tgt Ion:252 Resp: 442894
Ion Ratio Lower Upper
252 100
253 24.1 18.2 27.2
125 9.7 7.3 10.9

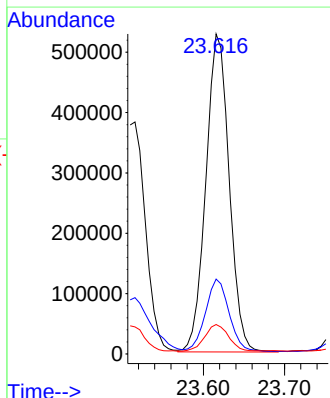
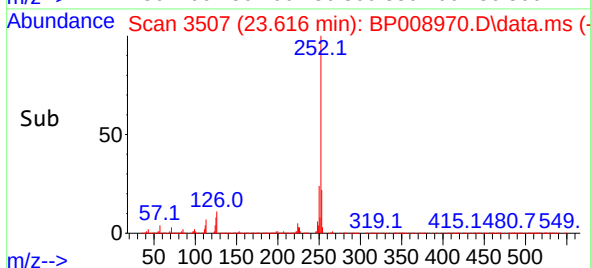
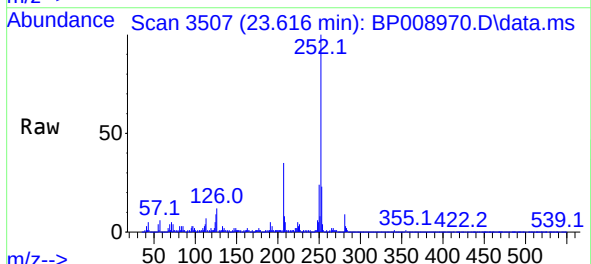
Manual Integrations
APPROVED

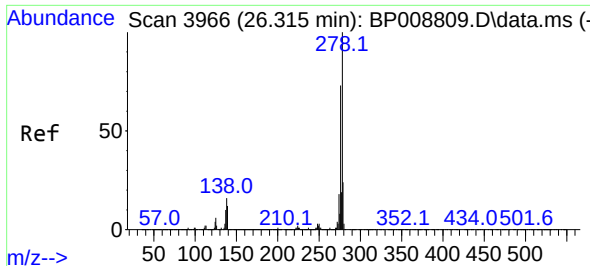
Reviewed By :Christian Giraldo 02/01/2022
Supervised By :Jagrut Upadhyay 02/01/2022



#90
Benzo(a)pyrene
Concen: 12.540 ng
RT: 23.616 min Scan# 3507
Delta R.T. -0.017 min
Lab File: BP008970.D
Acq: 31 Jan 2022 18:03

Tgt Ion:252 Resp: 1052871
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.8
125 9.2 7.8 11.6





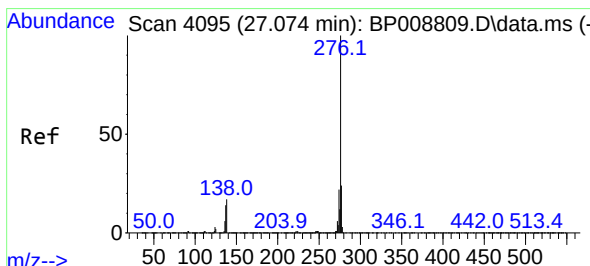
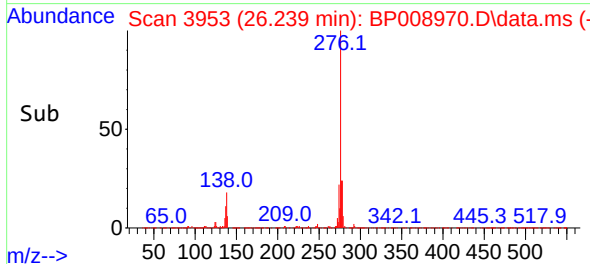
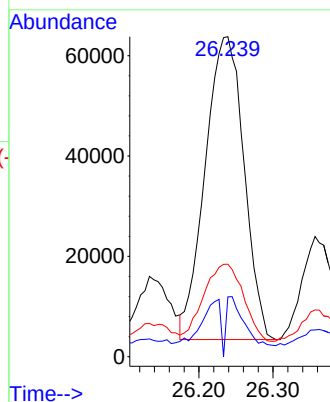
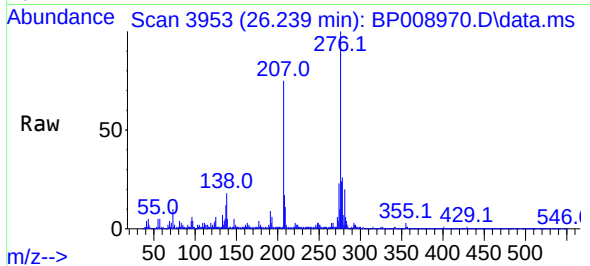
#91
Dibenzo(a,h)anthracene
Concen: 2.408 ng
RT: 26.239 min Scan# 3966
Delta R.T. -0.035 min
Lab File: BP008970.D
Acq: 31 Jan 2022 18:03

Instrument :
BNA_P
ClientSampleId :
CC-7

Tgt Ion:278 Resp: 219774
Ion Ratio Lower Upper
278 100
139 18.7 11.5 17.3
279 28.9 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/01/2022
Supervised By :Jagrut Upadhyay 02/01/2022



#92
Benzo(g,h,i)perylene
Concen: 8.513 ng
RT: 27.010 min Scan# 4084
Delta R.T. -0.023 min
Lab File: BP008970.D
Acq: 31 Jan 2022 18:03

Tgt Ion:276 Resp: 758545
Ion Ratio Lower Upper
276 100
277 24.3 19.2 28.8
138 18.8 15.0 22.4

