

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020122\
 Data File : BP008988.D
 Acq On : 01 Feb 2022 15:57
 Operator : CG/JU
 Sample : N1303-09RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CC-9RE

Manual Integrations
 APPROVED

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

Quant Time: Feb 01 16:26:47 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	214334	20.000	ng	0.00
21) Naphthalene-d8	10.628	136	874801	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	579215	20.000	ng	-0.01
64) Phenanthrene-d10	17.222	188	1167686	20.000	ng	-0.01
76) Chrysene-d12	21.316	240	1057382	20.000	ng	-0.01
86) Perylene-d12	23.721	264	1139122	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.417	112	1138	0.082	ng	0.00
7) Phenol-d6	7.028	99	20565	1.225	ng	0.01
23) Nitrobenzene-d5	8.987	82	1042877	67.681	ng	-0.01
42) 2,4,6-Tribromophenol	15.969	330	592	0.070	ng	0.00
45) 2-Fluorobiphenyl	13.087	172	2846879	64.817	ng	-0.01
79) Terphenyl-d14	19.786	244	4068531	64.948	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	10.675	128	2287679	48.148	ng	99
37) 2-Methylnaphthalene	12.287	142	315554	9.085	ng	97
38) 1-Methylnaphthalene	12.510	142	176130m	5.524	ng	
52) Acenaphthene	14.528	154	100483	3.086	ng	99
55) Dibenzofuran	14.869	168	132544	2.498	ng	97
58) Fluorene	15.516	166	161097	3.844	ng	99
71) Phenanthrene	17.269	178	1672843	25.445	ng	98
72) Anthracene	17.357	178	299565	4.542	ng	99
73) Carbazole	17.634	167	118384	2.088	ng	99
75) Fluoranthene	19.233	202	1679642	22.974	ng	97
78) Pyrene	19.586	202	1593780	21.602	ng	97
81) Benzo(a)anthracene	21.298	228	821286	11.545	ng	99
83) Chrysene	21.351	228	845706	12.264	ng	97
84) Bis(2-ethylhexyl)phtha...	21.227	149	144518	3.145	ng	99
87) Indeno(1,2,3-cd)pyrene	26.233	276	499972	5.326	ng	96
88) Benzo(b)fluoranthene	22.992	252	1001815	13.169	ng	98
89) Benzo(k)fluoranthene	23.033	252	381744m	5.184	ng	
90) Benzo(a)pyrene	23.616	252	714341	9.728	ng	97
92) Benzo(g,h,i)perylene	27.004	276	494303	6.343	ng	98

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

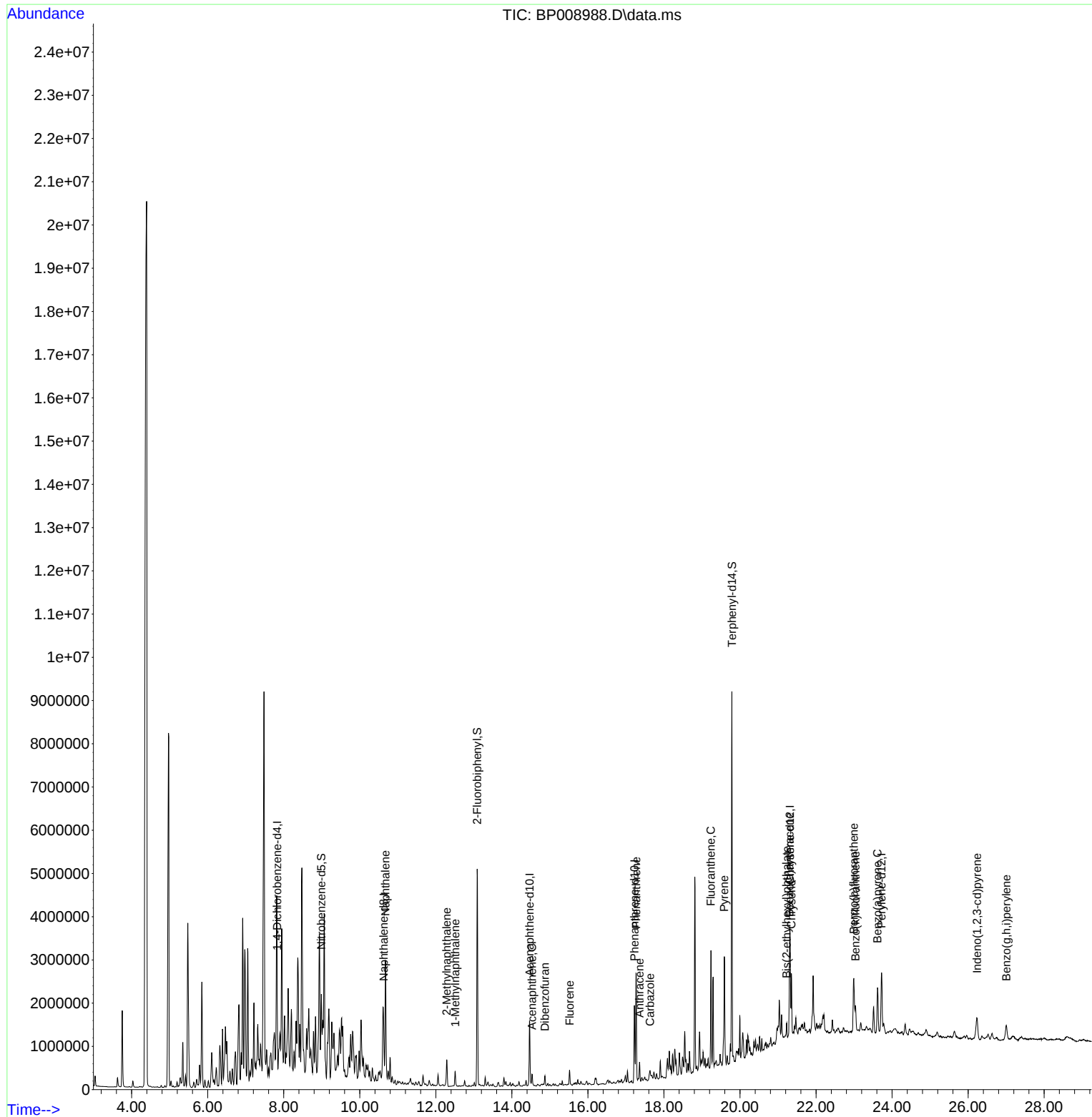
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020122\
Data File : BP008988.D
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ALS Vial : 11 Sample Multiplier: 1

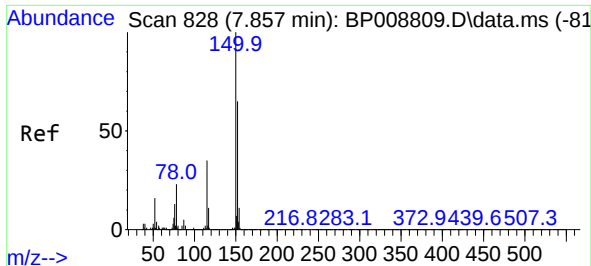
Instrument :
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Quant Time: Feb 01 16:26:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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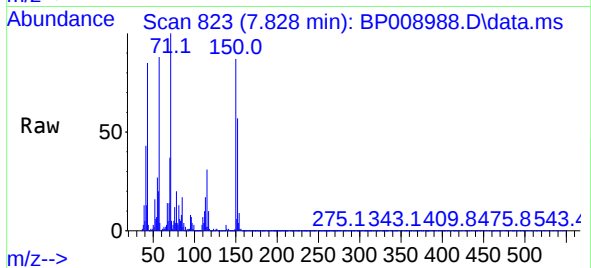
Reviewed By :Christian Giraldo 02/02/2022
Supervised By :Jagrut Upadhyay 02/02/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.828 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008988.D
Acq: 01 Feb 2022 15:57

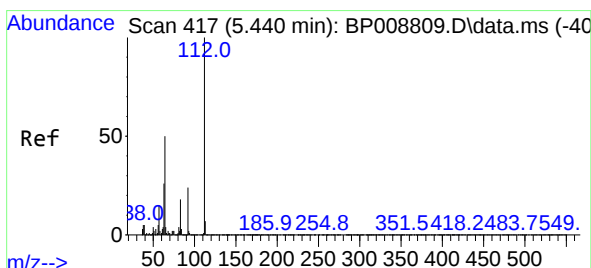
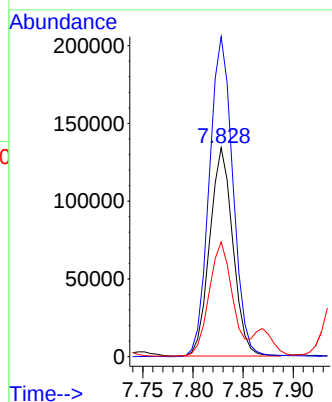
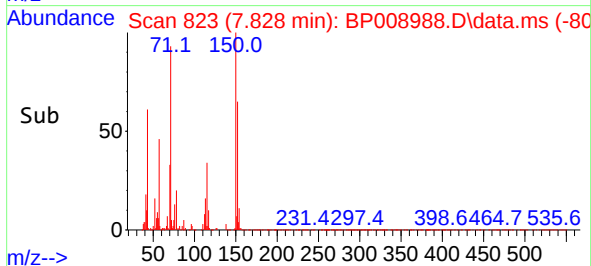
Instrument :
BNA_P
ClientSampleId :
CC-9RE



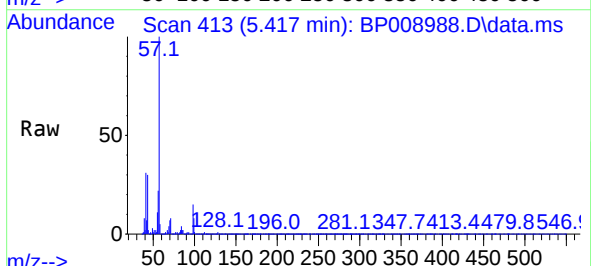
Tgt Ion:152 Resp: 214334
Ion Ratio Lower Upper
152 100
150 153.1 127.0 190.6
115 54.9 43.7 65.5

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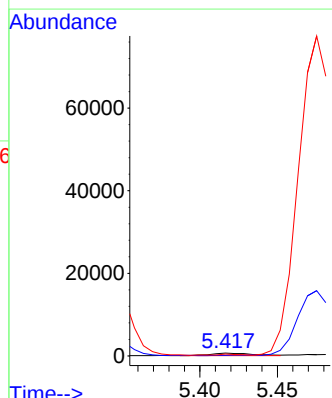
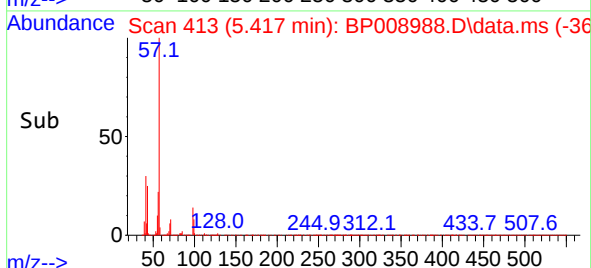
Reviewed By :Christian Giraldo 02/02/2022
Supervised By :Jagrut Upadhyay 02/02/2022

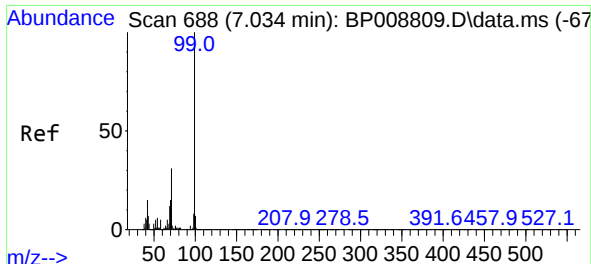


#5
2-Fluorophenol
Concen: 0.082 ng
RT: 5.417 min Scan# 413
Delta R.T. -0.006 min
Lab File: BP008988.D
Acq: 01 Feb 2022 15:57



Tgt Ion:112 Resp: 1138
Ion Ratio Lower Upper
112 100
64 23.5 39.7 59.5#
63 66.8 20.0 30.0#





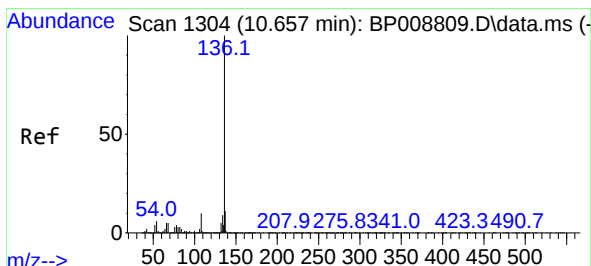
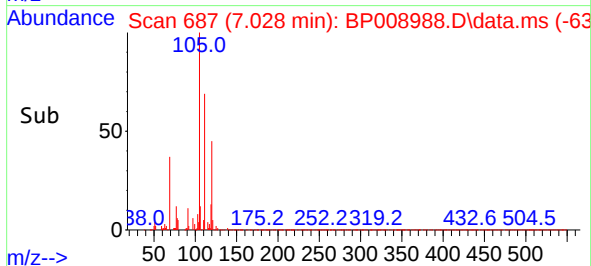
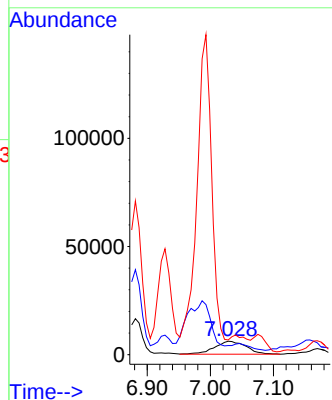
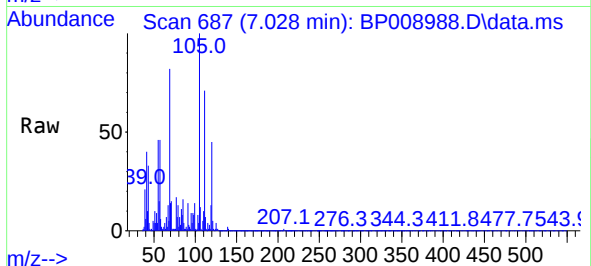
#7
Phenol-d6
Concen: 1.225 ng
RT: 7.028 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP008988.D
Acq: 01 Feb 2022 15:57

Instrument :
BNA_P
ClientSampleId :
CC-9RE

Tgt Ion: 99 Resp: 2056
Ion Ratio Lower Upper
99 100
42 67.5 10.8 16.2
71 108.6 23.8 35.6

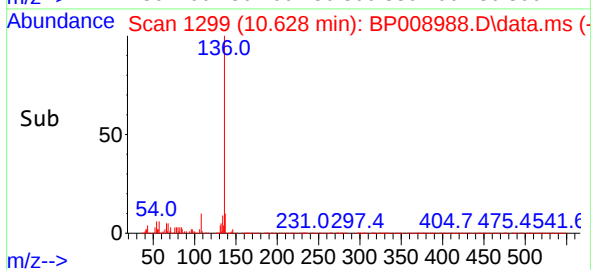
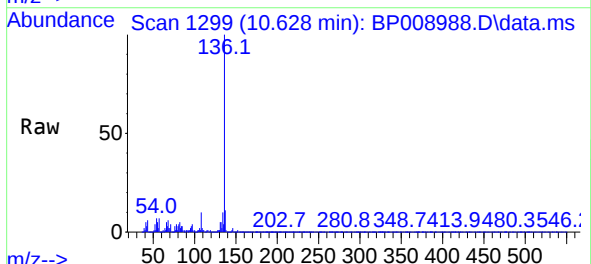
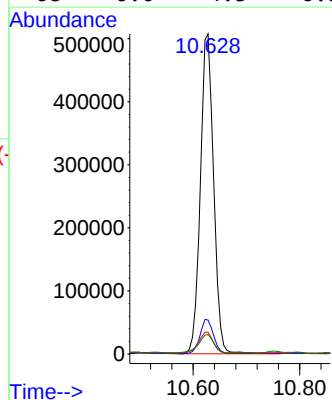
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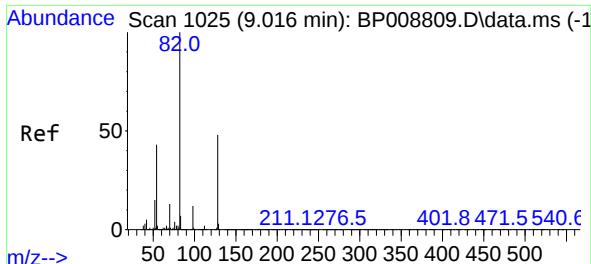
Reviewed By :Christian Giraldo 02/02/2022
Supervised By :Jagrut Upadhyay 02/02/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.628 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BP008988.D
Acq: 01 Feb 2022 15:57

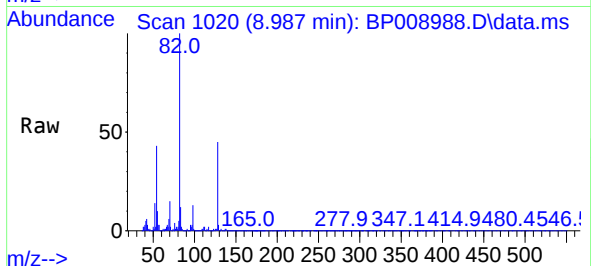
Tgt Ion:136 Resp: 874801
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.4
54 6.8 4.9 7.3
68 6.0 4.3 6.5





#23
Nitrobenzene-d5
Concen: 67.681 ng
RT: 8.987 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BP008988.D
Acq: 01 Feb 2022 15:57

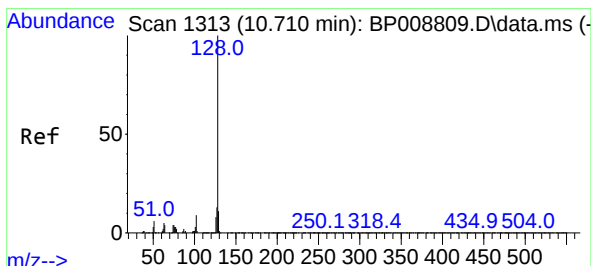
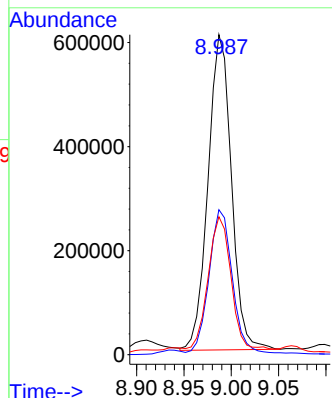
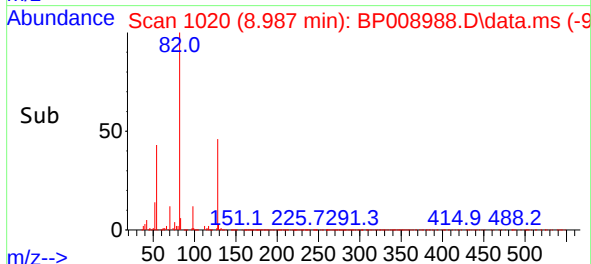
Instrument :
BNA_P
ClientSampleId :
CC-9RE



Tgt Ion: 82 Resp: 104287
Ion Ratio Lower Upper
82 100
128 45.3 39.4 59.2
54 43.1 32.6 48.8

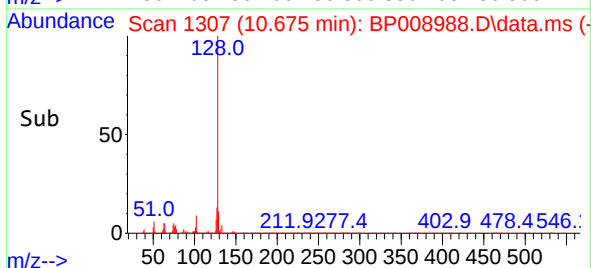
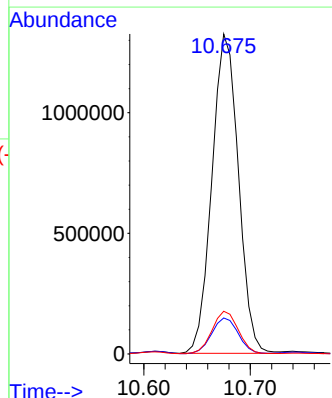
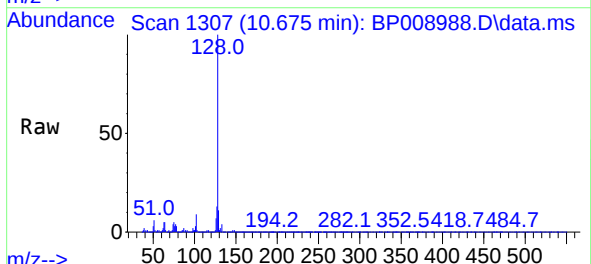
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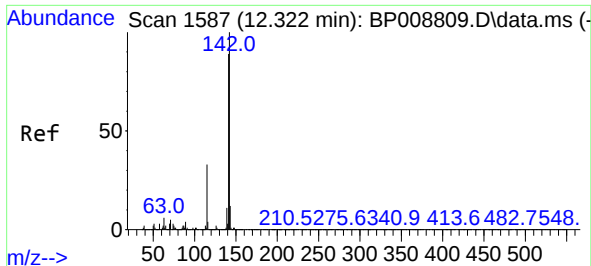
Reviewed By :Christian Giraldo 02/02/2022
Supervised By :Jagrut Upadhyay 02/02/2022



#31
Naphthalene
Concen: 48.148 ng
RT: 10.675 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BP008988.D
Acq: 01 Feb 2022 15:57

Tgt Ion:128 Resp: 2287679
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.3 10.4 15.6





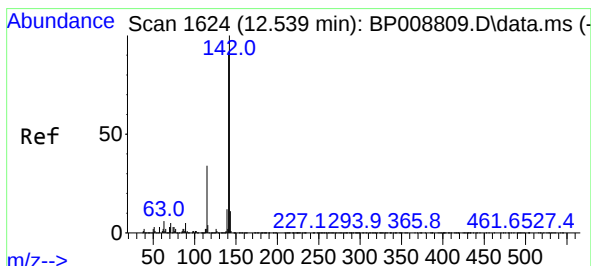
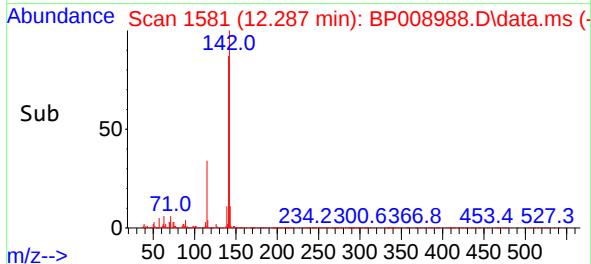
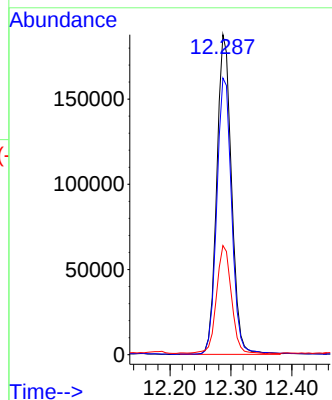
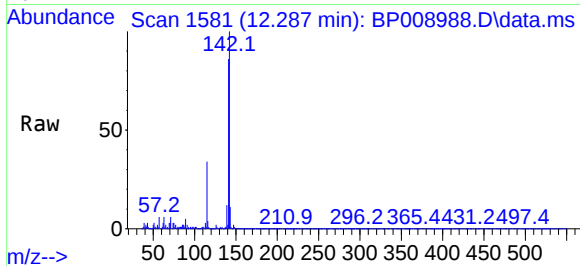
#37
2-Methylnaphthalene
Concen: 9.085 ng
RT: 12.287 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP008988.D
Acq: 01 Feb 2022 15:57

Instrument :
BNA_P
ClientSampleId :
CC-9RE

Tgt Ion:142 Resp: 31554
Ion Ratio Lower Upper
142 100
141 86.5 70.5 105.7
115 34.1 24.6 36.8

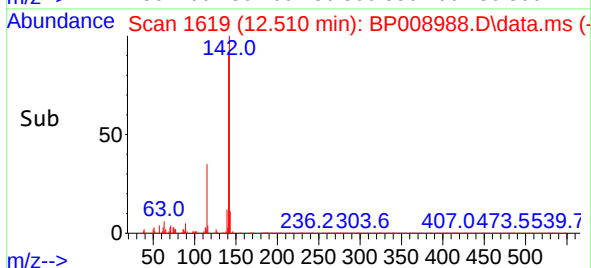
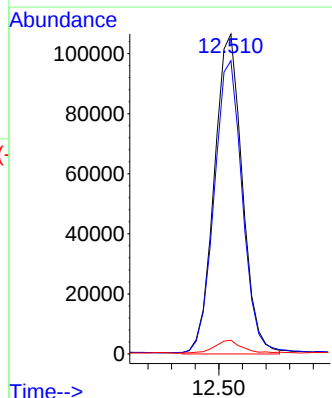
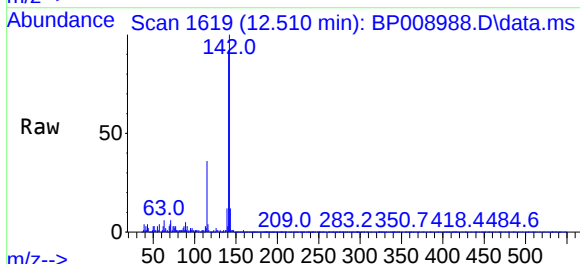
Manual Integrations
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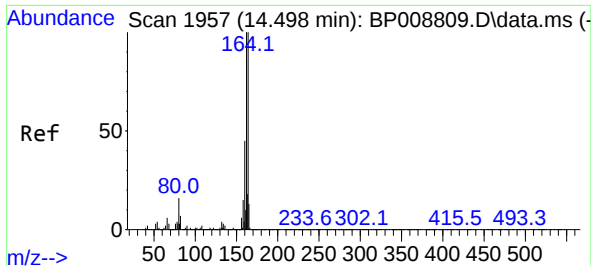
Reviewed By :Christian Giraldo 02/02/2022
Supervised By :Jagrut Upadhyay 02/02/2022



#38
1-Methylnaphthalene
Concen: 5.524 ng m
RT: 12.510 min Scan# 1619
Delta R.T. -0.006 min
Lab File: BP008988.D
Acq: 01 Feb 2022 15:57

Tgt Ion:142 Resp: 176130
Ion Ratio Lower Upper
142 100
141 91.7 73.2 109.8
116 4.3 2.7 4.1#





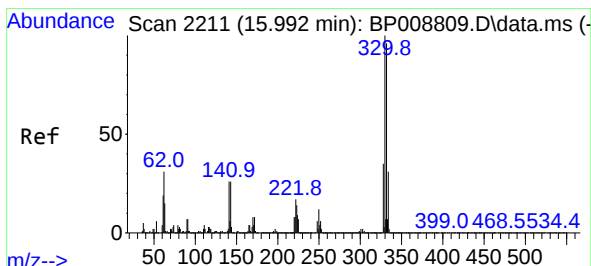
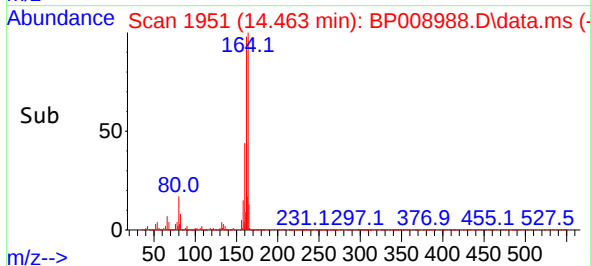
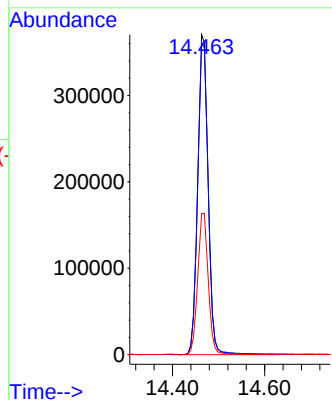
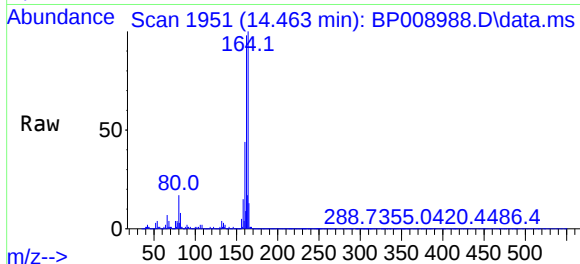
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1957
Delta R.T. -0.012 min
Lab File: BP008988.D
Acq: 01 Feb 2022 15:57

Instrument :
BNA_P
ClientSampleId :
CC-9RE

Tgt Ion:164 Resp: 57921
Ion Ratio Lower Upper
164 100
162 97.6 79.9 119.9
160 44.0 35.5 53.3

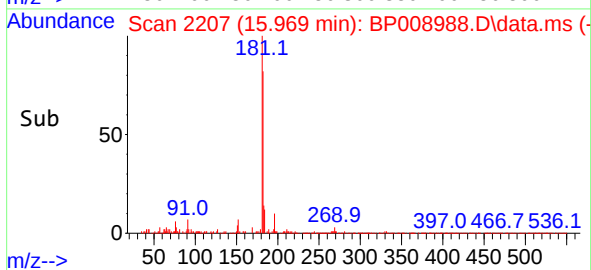
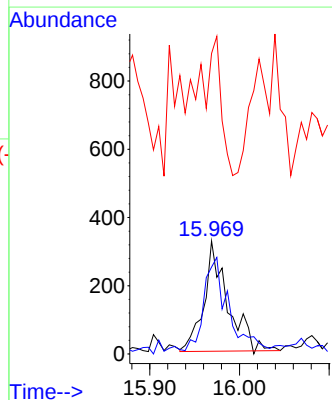
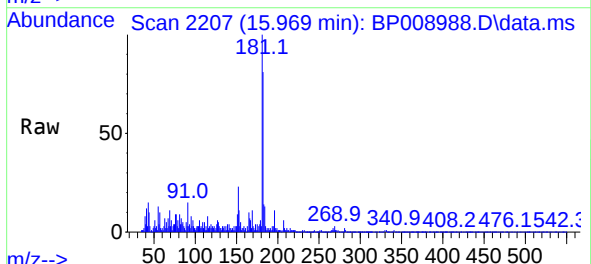
Manual Integrations
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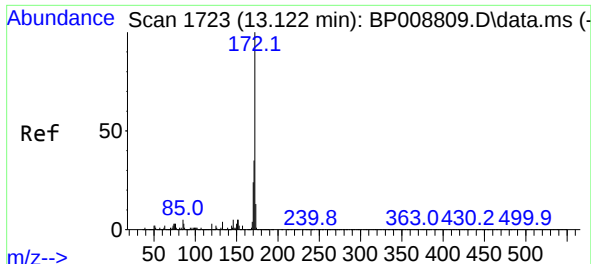
Reviewed By :Christian Giraldo 02/02/2022
Supervised By :Jagrut Upadhyay 02/02/2022



#42
2,4,6-Tribromophenol
Concen: 0.070 ng
RT: 15.969 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BP008988.D
Acq: 01 Feb 2022 15:57

Tgt Ion:330 Resp: 592
Ion Ratio Lower Upper
330 100
332 89.2 77.0 115.4
141 59.0 21.3 31.9#





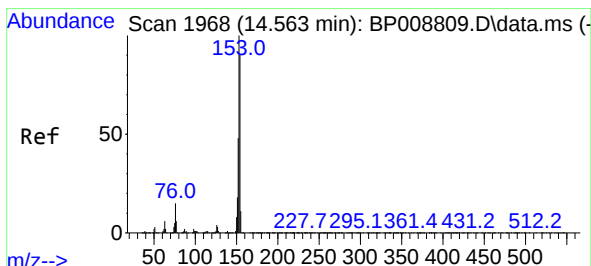
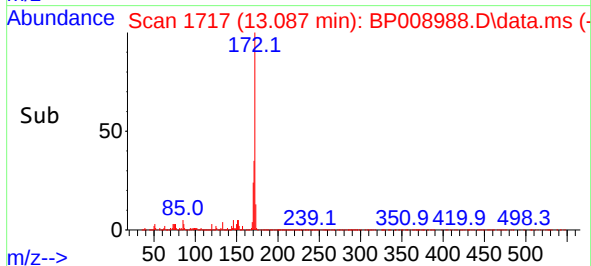
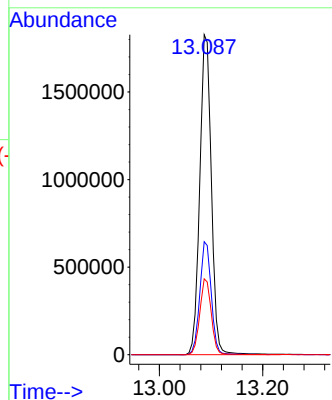
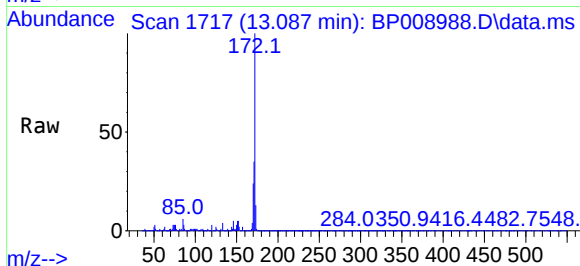
#45
2-Fluorobiphenyl
Concen: 64.817 ng
RT: 13.087 min Scan# 1723
Delta R.T. -0.012 min
Lab File: BP008988.D
Acq: 01 Feb 2022 15:57

Instrument :
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ClientSampleId :
CC-9RE

Tgt Ion:172 Resp: 2846879
Ion Ratio Lower Upper
172 100
171 35.3 29.3 43.9
170 23.7 19.5 29.3

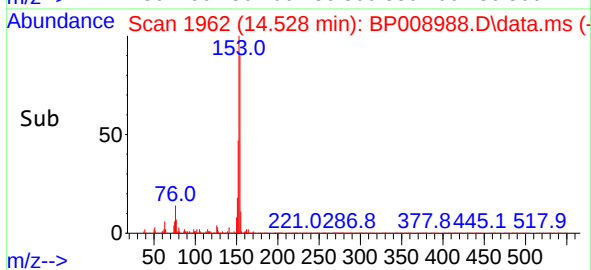
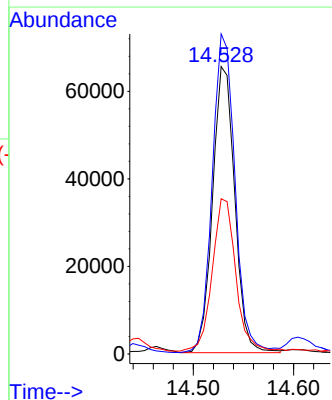
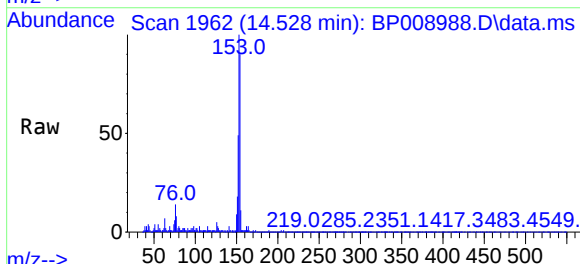
Manual Integrations
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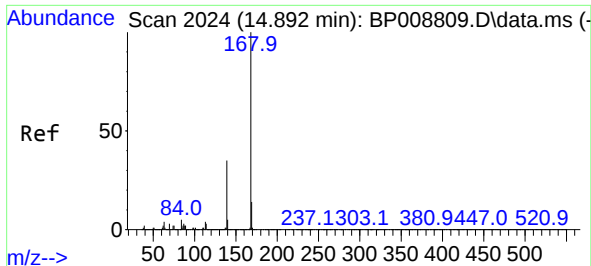
Reviewed By :Christian Giraldo 02/02/2022
Supervised By :Jagrut Upadhyay 02/02/2022



#52
Acenaphthene
Concen: 3.086 ng
RT: 14.528 min Scan# 1962
Delta R.T. -0.012 min
Lab File: BP008988.D
Acq: 01 Feb 2022 15:57

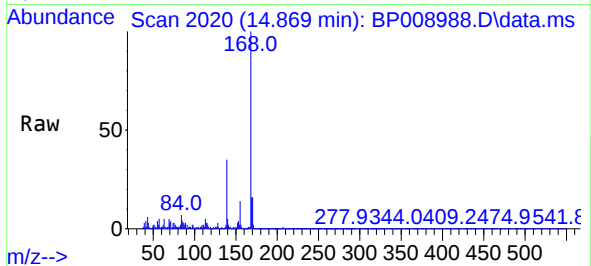
Tgt Ion:154 Resp: 100483
Ion Ratio Lower Upper
154 100
153 111.3 89.4 134.2
152 54.0 42.6 63.8





#55
Dibenzenofuran
Concen: 2.498 ng
RT: 14.869 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP008988.D
Acq: 01 Feb 2022 15:57

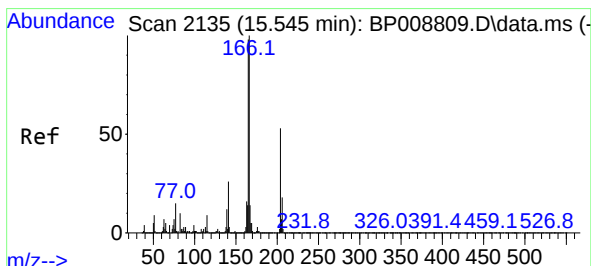
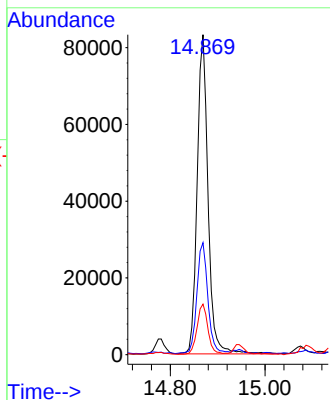
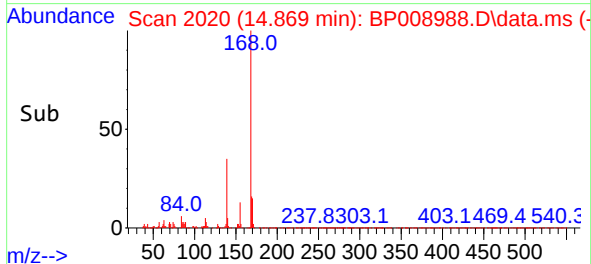
Instrument :
BNA_P
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CC-9RE



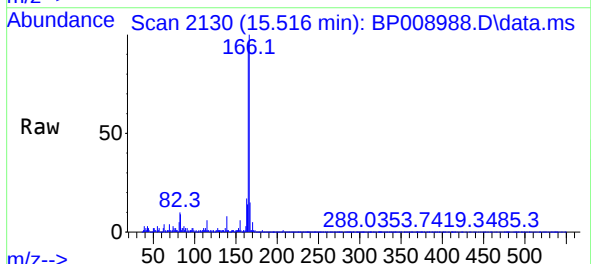
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Ion Ratio Lower Upper
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139 35.0 27.4 41.0
169 15.8 10.9 16.3

Manual Integrations
APPROVED

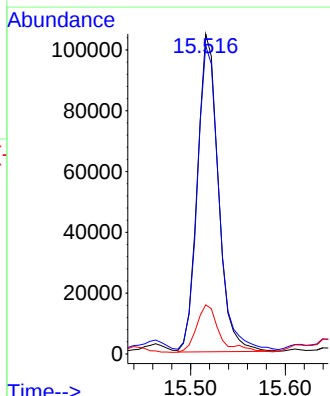
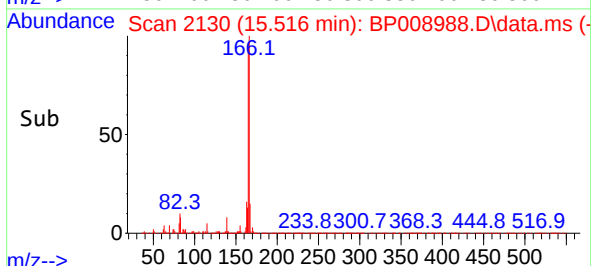
Reviewed By :Christian Giraldo 02/02/2022
Supervised By :Jagrut Upadhyay 02/02/2022

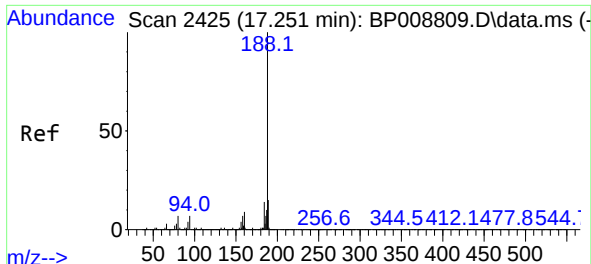


#58
Fluorene
Concen: 3.844 ng
RT: 15.516 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BP008988.D
Acq: 01 Feb 2022 15:57



Tgt Ion:166 Resp: 161097
Ion Ratio Lower Upper
166 100
165 96.3 77.2 115.8
167 15.3 11.2 16.8





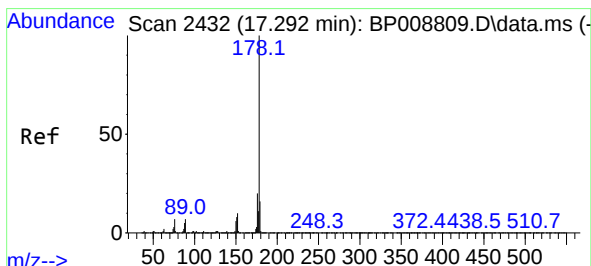
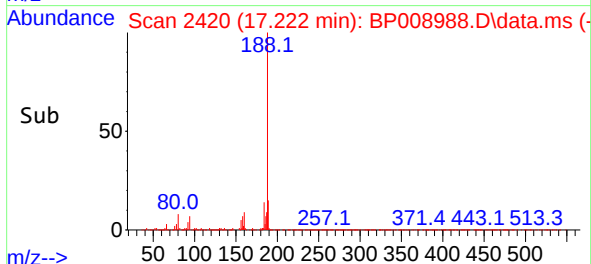
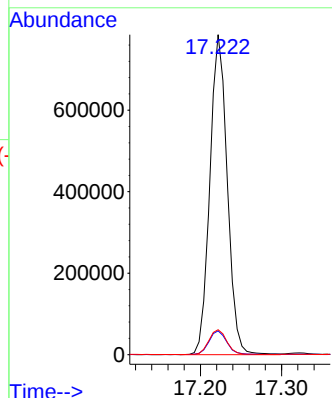
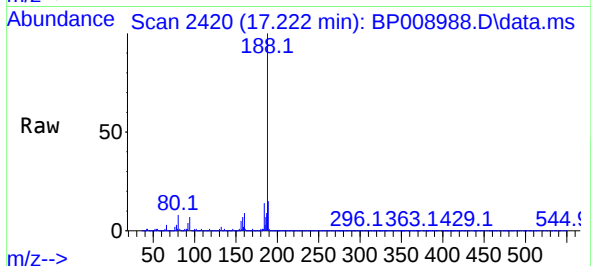
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2425
Delta R.T. -0.012 min
Lab File: BP008988.D
Acq: 01 Feb 2022 15:57

Instrument :
BNA_P
ClientSampleId :
CC-9RE

Tgt Ion:188 Resp: 1167680
Ion Ratio Lower Upper
188 100
94 7.4 6.8 10.2
80 7.8 7.2 10.8

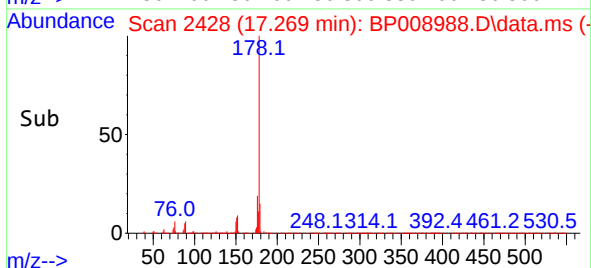
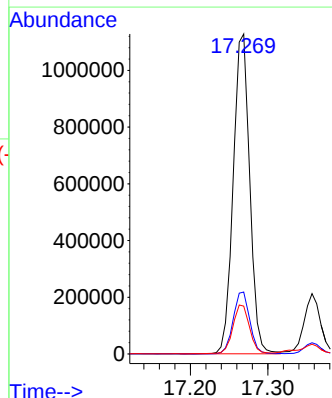
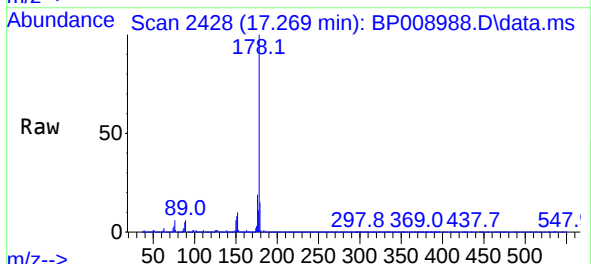
Manual Integrations
APPROVED

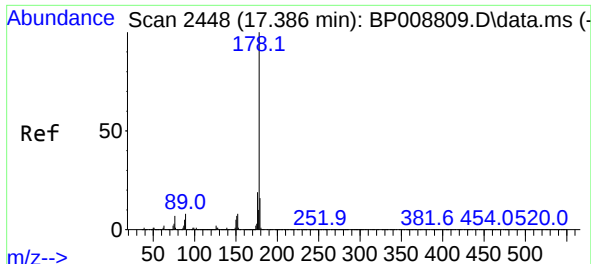
Reviewed By :Christian Giraldo 02/02/2022
Supervised By :Jagrut Upadhyay 02/02/2022



#71
Phenanthrene
Concen: 25.445 ng
RT: 17.269 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BP008988.D
Acq: 01 Feb 2022 15:57

Tgt Ion:178 Resp: 1672843
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 14.9 13.0 19.4





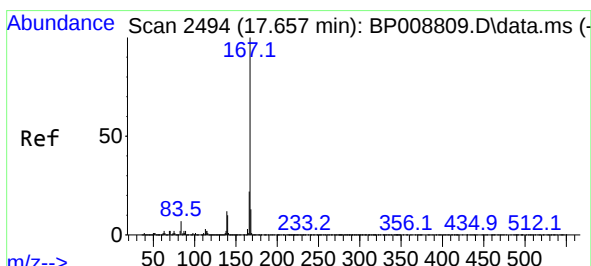
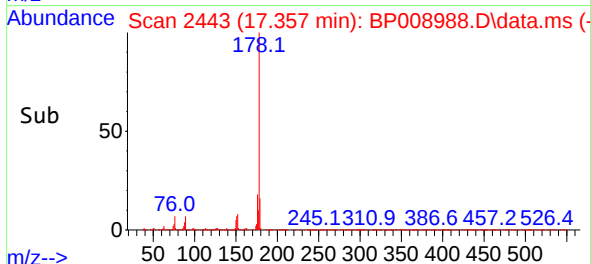
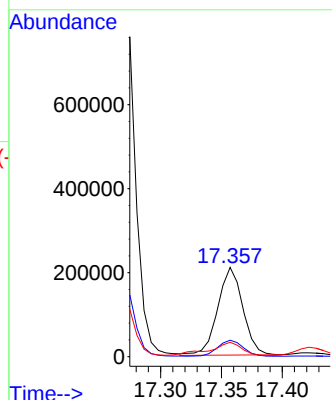
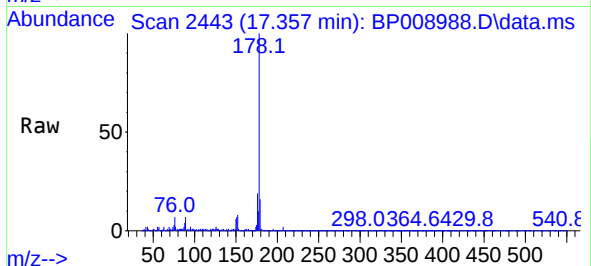
#72
 Anthracene
 Concen: 4.542 ng
 RT: 17.357 min Scan# 2443
 Delta R.T. -0.012 min
 Lab File: BP008988.D
 Acq: 01 Feb 2022 15:57

Instrument :
 BNA_P
 ClientSampleId :
 CC-9RE

Tgt Ion:178 Resp: 29956
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.1 22.7
 179 16.2 12.8 19.2

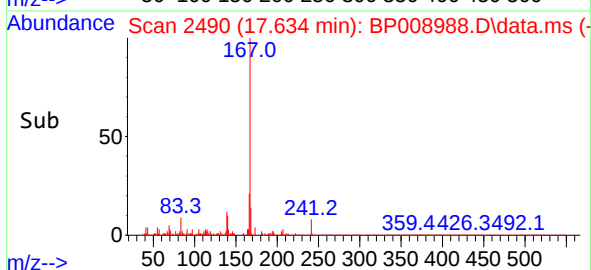
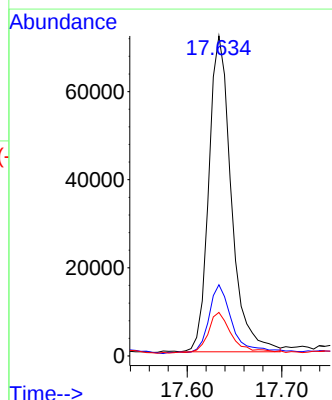
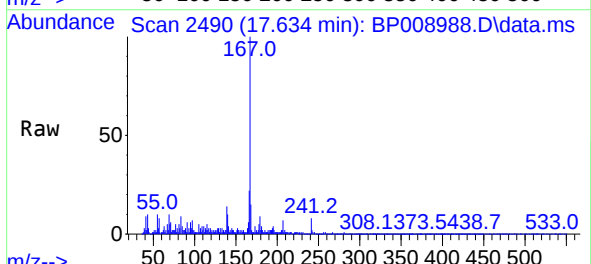
Manual Integrations
 APPROVED

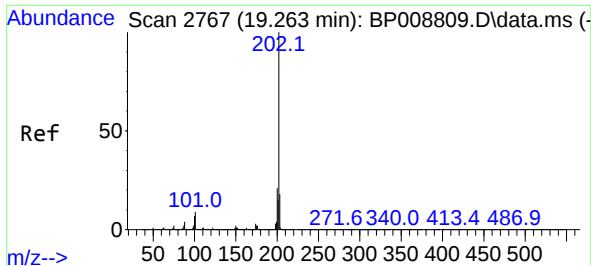
Reviewed By :Christian Giraldo 02/02/2022
 Supervised By :Jagrut Upadhyay 02/02/2022



#73
 Carbazole
 Concen: 2.088 ng
 RT: 17.634 min Scan# 2490
 Delta R.T. -0.006 min
 Lab File: BP008988.D
 Acq: 01 Feb 2022 15:57

Tgt Ion:167 Resp: 118384
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.7 26.5
 139 13.6 9.8 14.6





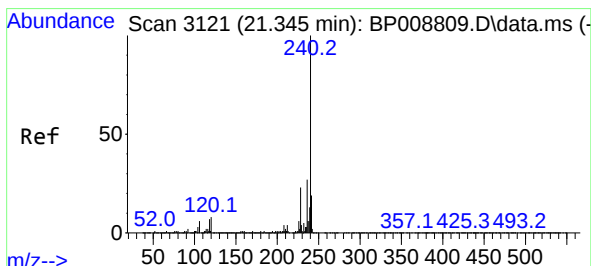
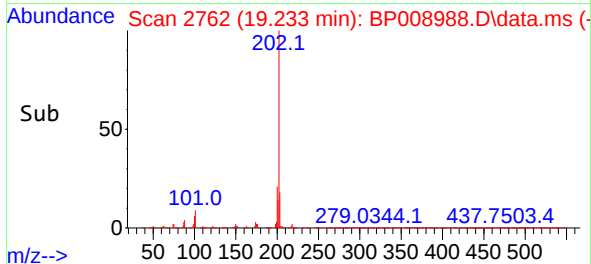
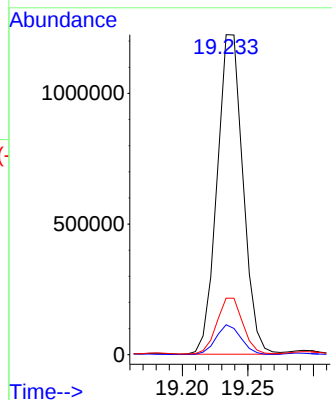
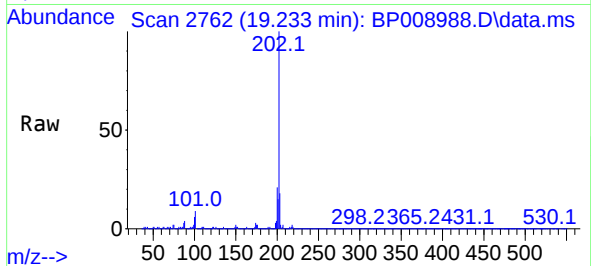
#75
Fluoranthene
Concen: 22.974 ng
RT: 19.233 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP008988.D
Acq: 01 Feb 2022 15:57

Instrument :
BNA_P
ClientSampleId :
CC-9RE

Tgt Ion:202 Resp: 167964
Ion Ratio Lower Upper
202 100
101 9.4 0.0 30.7
203 17.6 0.0 38.9

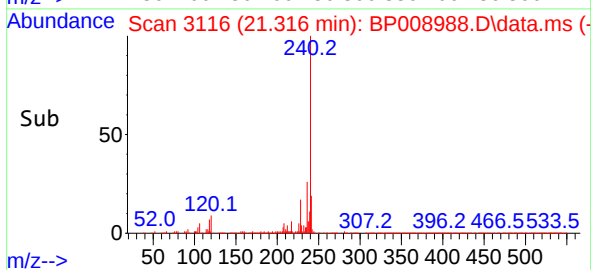
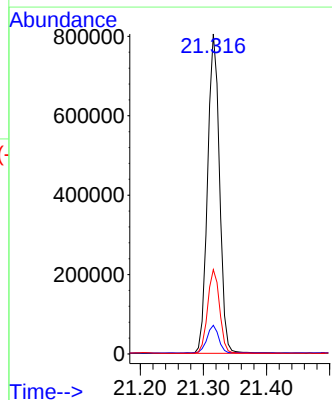
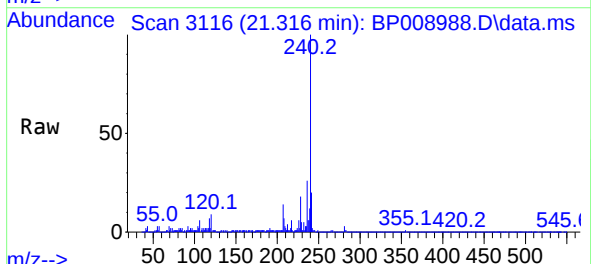
Manual Integrations
APPROVED

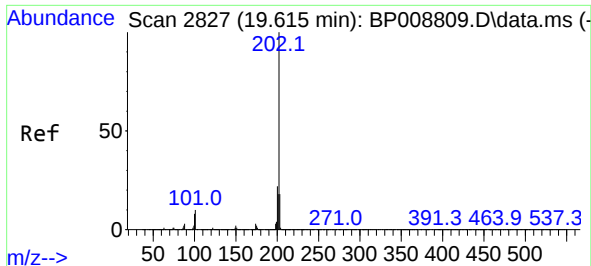
Reviewed By :Christian Giraldo 02/02/2022
Supervised By :Jagrut Upadhyay 02/02/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.316 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP008988.D
Acq: 01 Feb 2022 15:57

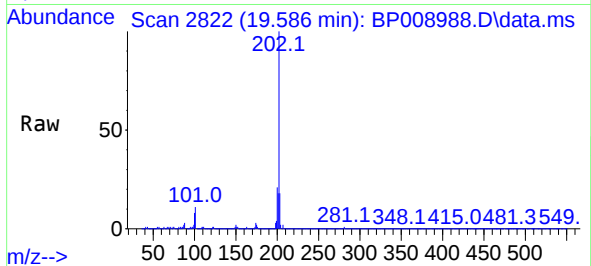
Tgt Ion:240 Resp: 1057382
Ion Ratio Lower Upper
240 100
120 9.0 7.7 11.5
236 26.3 21.2 31.8





#78
 Pyrene
 Concen: 21.602 ng
 RT: 19.586 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP008988.D
 Acq: 01 Feb 2022 15:57

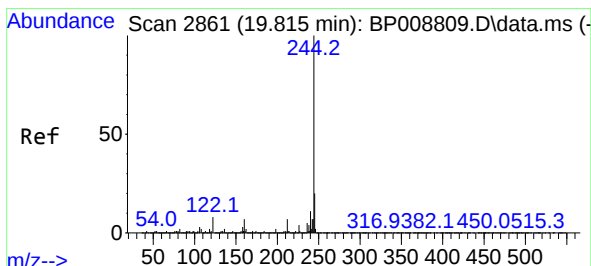
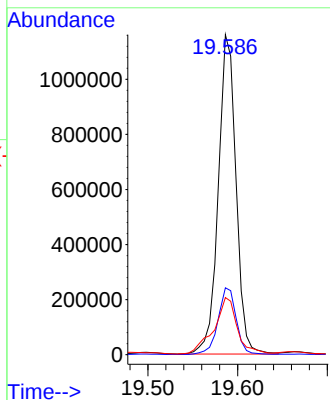
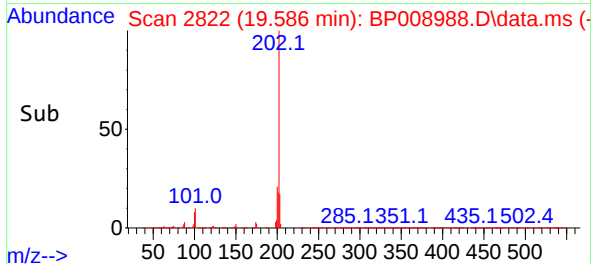
Instrument :
 BNA_P
 ClientSampleId :
 CC-9RE



Tgt Ion:202 Resp: 1593780
 Ion Ratio Lower Upper
 202 100
 200 20.9 18.0 27.0
 203 17.8 15.0 22.6

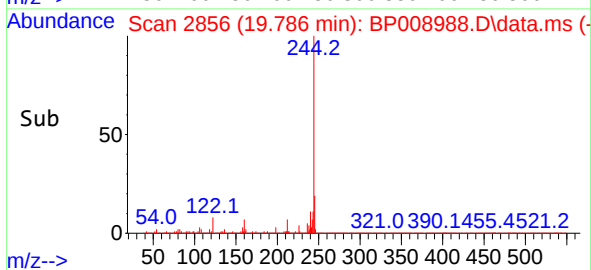
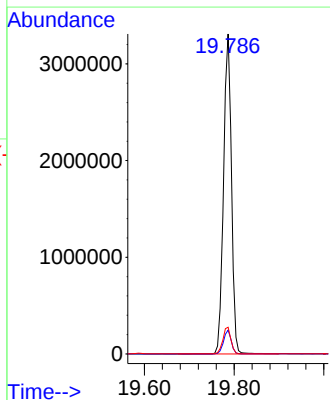
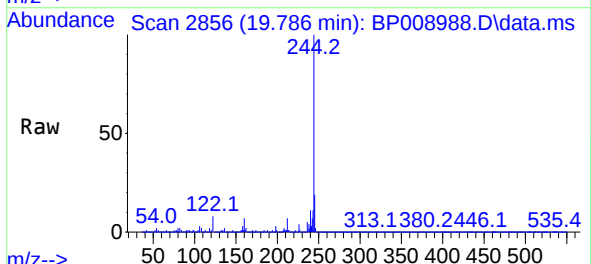
Manual Integrations
 APPROVED

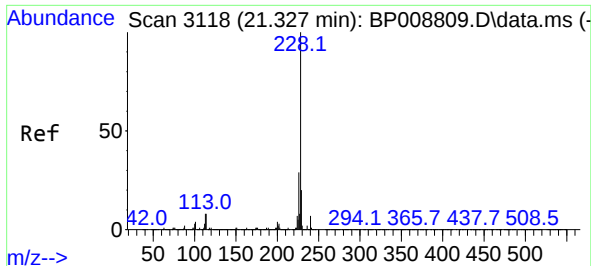
Reviewed By :Christian Giraldo 02/02/2022
 Supervised By :Jagrut Upadhyay 02/02/2022



#79
 Terphenyl-d14
 Concen: 64.948 ng
 RT: 19.786 min Scan# 2856
 Delta R.T. -0.012 min
 Lab File: BP008988.D
 Acq: 01 Feb 2022 15:57

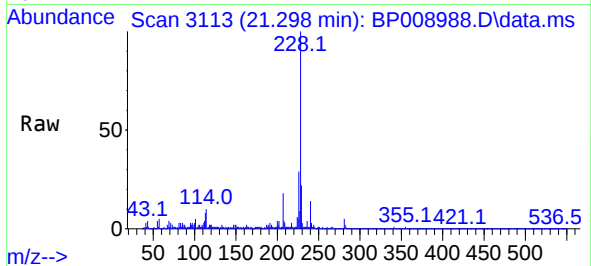
Tgt Ion:244 Resp: 4068531
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 8.3 9.2 13.8#





#81
Benzo(a)anthracene
Concen: 11.545 ng
RT: 21.298 min Scan# 3113
Delta R.T. -0.012 min
Lab File: BP008988.D
Acq: 01 Feb 2022 15:57

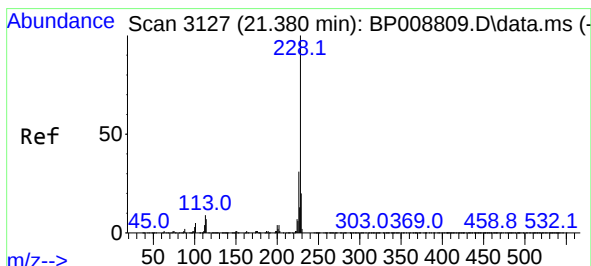
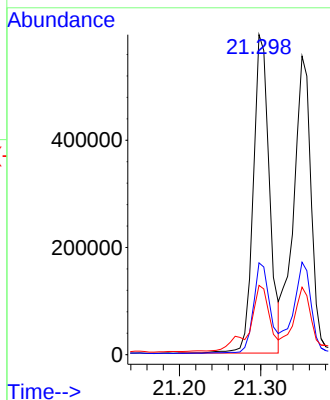
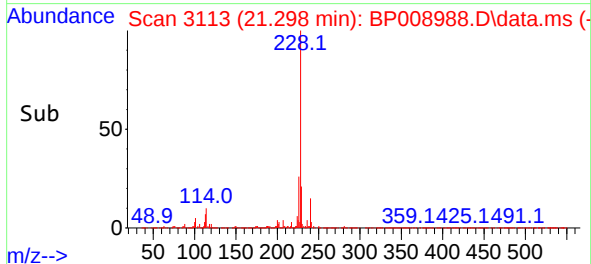
Instrument :
BNA_P
ClientSampleId :
CC-9RE



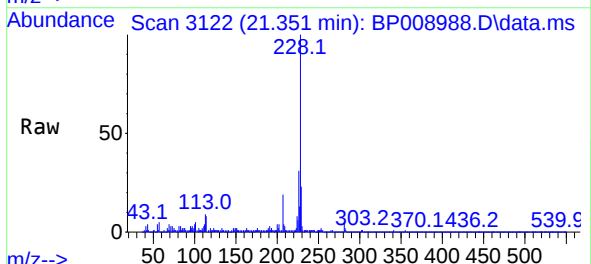
Tgt Ion:228 Resp: 821280
Ion Ratio Lower Upper
228 100
226 28.7 23.3 34.9
229 21.6 17.0 25.6

Manual Integrations
APPROVED

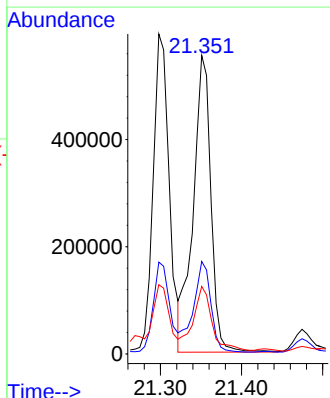
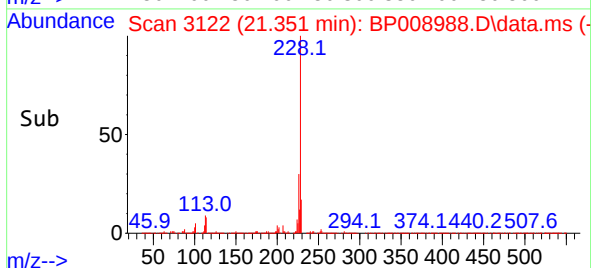
Reviewed By :Christian Giraldo 02/02/2022
Supervised By :Jagrut Upadhyay 02/02/2022

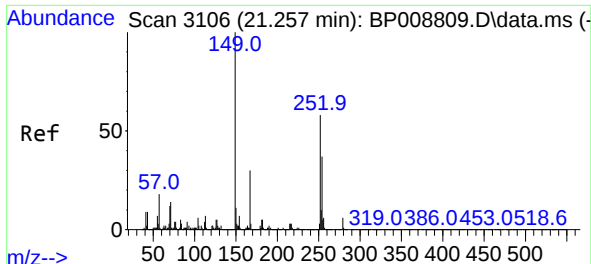


#83
Chrysene
Concen: 12.264 ng
RT: 21.351 min Scan# 3122
Delta R.T. -0.012 min
Lab File: BP008988.D
Acq: 01 Feb 2022 15:57



Tgt Ion:228 Resp: 845706
Ion Ratio Lower Upper
228 100
226 31.0 26.0 39.0
229 22.6 16.9 25.3





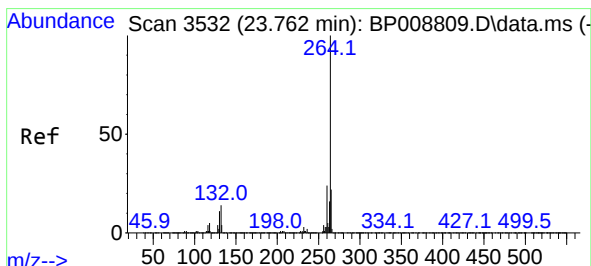
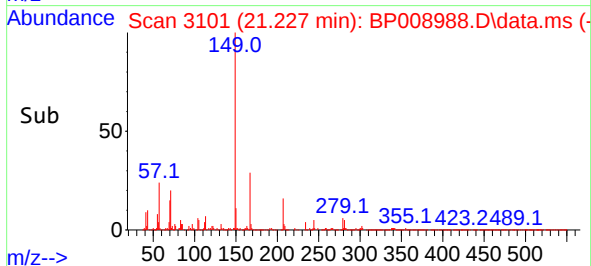
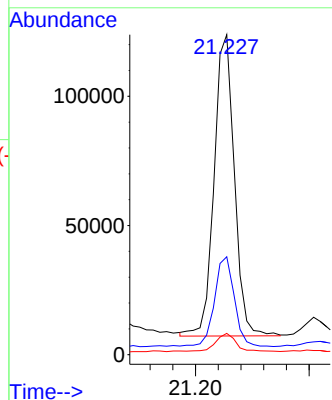
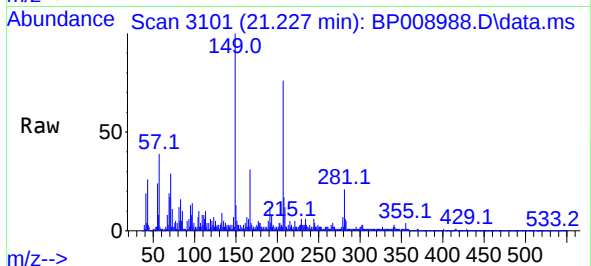
#84
Bis(2-ethylhexyl)phthalate
Concen: 3.145 ng
RT: 21.227 min Scan# 3106
Delta R.T. -0.012 min
Lab File: BP008988.D
Acq: 01 Feb 2022 15:57

Instrument :
BNA_P
ClientSampleId :
CC-9RE

Tgt Ion:149 Resp: 144518
Ion Ratio Lower Upper
149 100
167 30.6 25.0 37.4
279 6.6 4.8 7.2

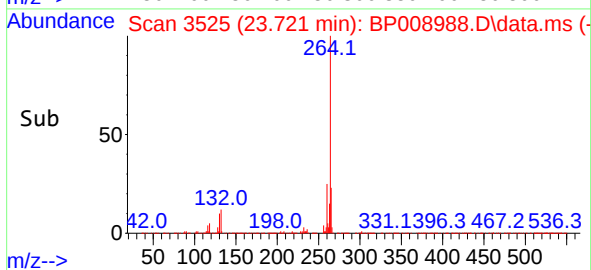
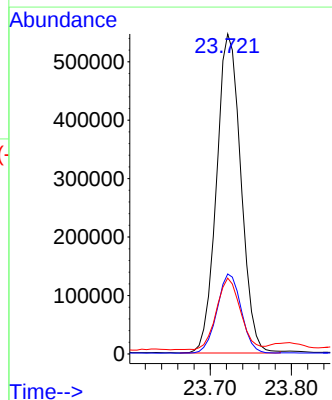
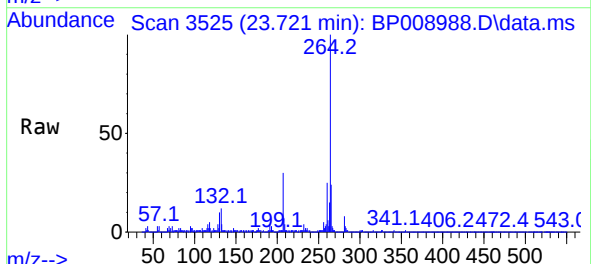
Manual Integrations
APPROVED

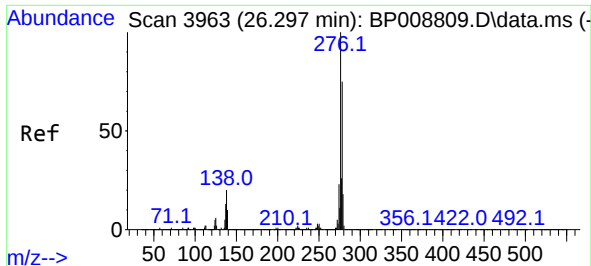
Reviewed By :Christian Giraldo 02/02/2022
Supervised By :Jagrut Upadhyay 02/02/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.721 min Scan# 3525
Delta R.T. -0.017 min
Lab File: BP008988.D
Acq: 01 Feb 2022 15:57

Tgt Ion:264 Resp: 1139122
Ion Ratio Lower Upper
264 100
260 25.0 19.1 28.7
265 23.7 17.1 25.7





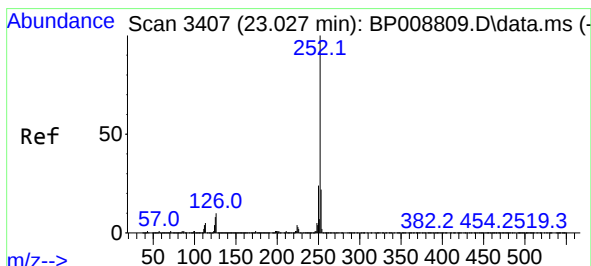
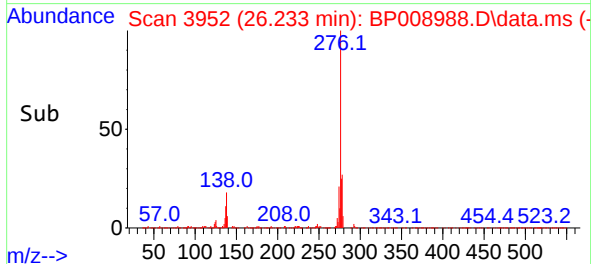
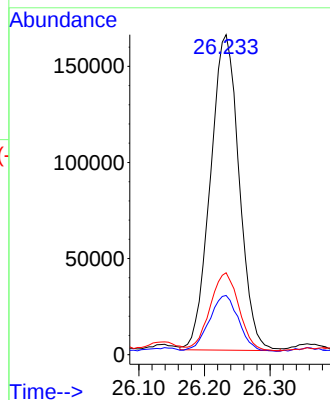
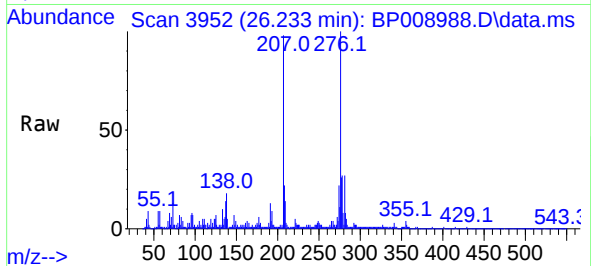
#87
Indeno(1,2,3-cd)pyrene
Concen: 5.326 ng
RT: 26.233 min Scan# 3952
Delta R.T. -0.029 min
Lab File: BP008988.D
Acq: 01 Feb 2022 15:57

Instrument :
BNA_P
Client Sample Id :
CC-9RE

Tgt Ion: 276 Resp: 499972
Ion Ratio Lower Upper
276 100
138 18.2 17.8 26.6
277 25.0 20.4 30.6

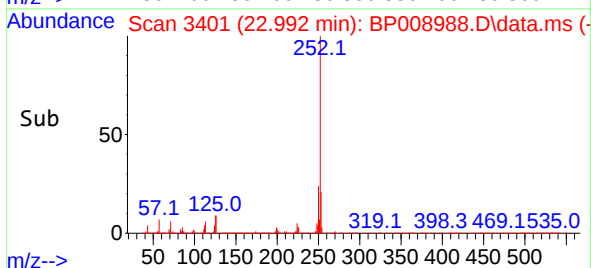
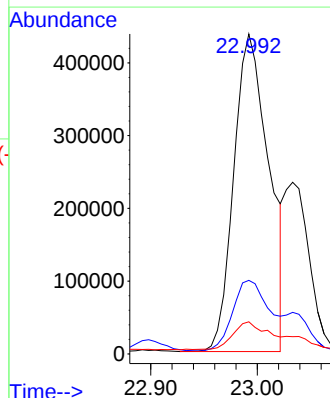
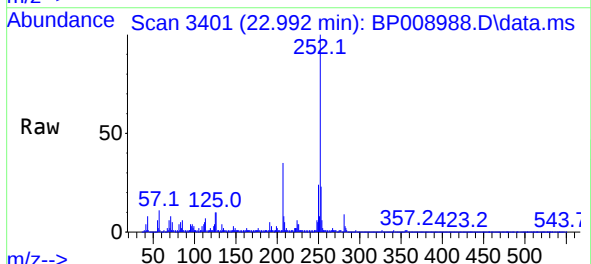
Manual Integrations
APPROVED

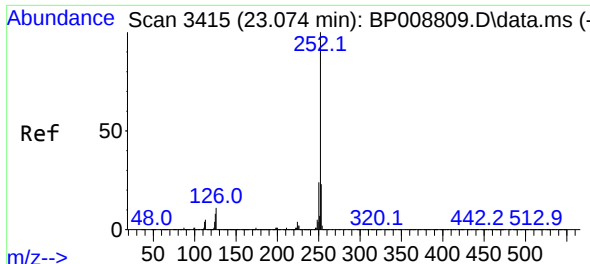
Reviewed By : Christian Giraldo 02/02/2022
Supervised By : Jagrut Upadhyay 02/02/2022



#88
Benzo(b)fluoranthene
Concen: 13.169 ng
RT: 22.992 min Scan# 3401
Delta R.T. -0.012 min
Lab File: BP008988.D
Acq: 01 Feb 2022 15:57

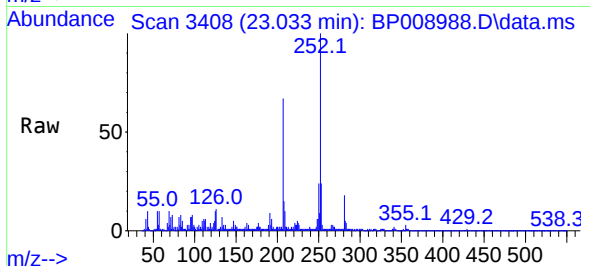
Tgt Ion: 252 Resp: 1001815
Ion Ratio Lower Upper
252 100
253 23.0 18.0 27.0
125 10.0 6.9 10.3





#89
Benzo(k)fluoranthene
Concen: 5.184 ng m
RT: 23.033 min Scan# 3415
Delta R.T. -0.017 min
Lab File: BP008988.D
Acq: 01 Feb 2022 15:57

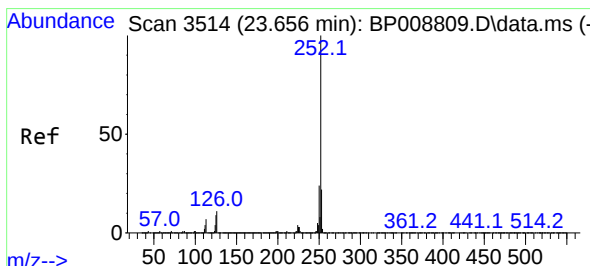
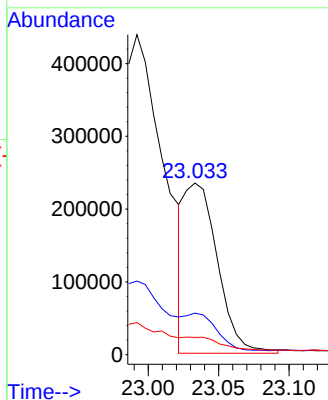
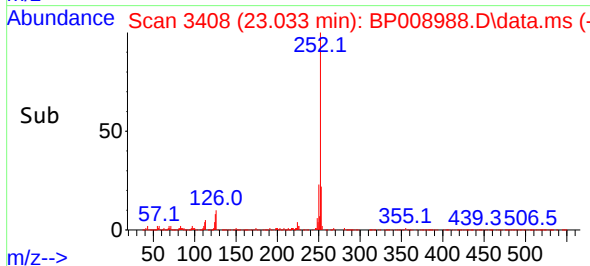
Instrument :
BNA_P
ClientSampleId :
CC-9RE



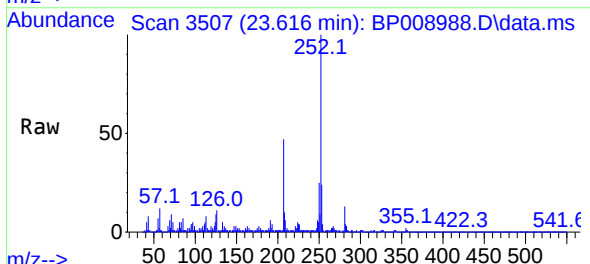
Tgt Ion:252 Resp: 381744
Ion Ratio Lower Upper
252 100
253 24.2 18.2 27.2
125 10.1 7.3 10.9

Manual Integrations
APPROVED

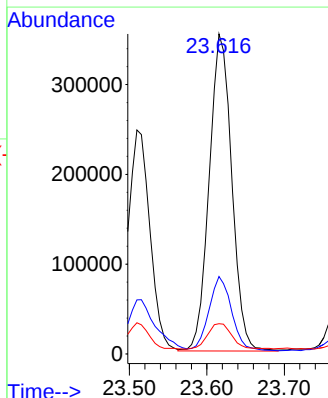
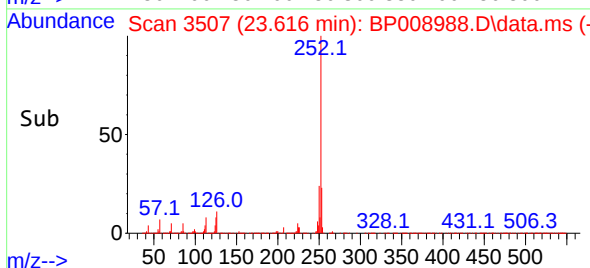
Reviewed By :Christian Giraldo 02/02/2022
Supervised By :Jagrut Upadhyay 02/02/2022

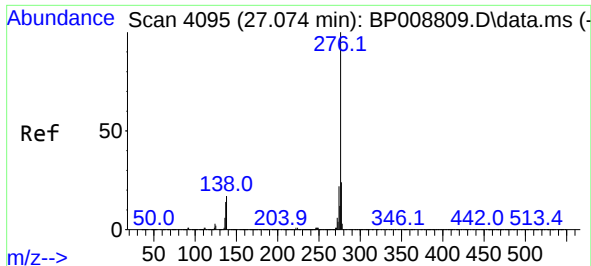


#90
Benzo(a)pyrene
Concen: 9.728 ng
RT: 23.616 min Scan# 3507
Delta R.T. -0.017 min
Lab File: BP008988.D
Acq: 01 Feb 2022 15:57



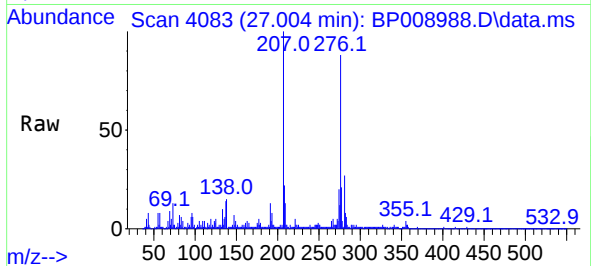
Tgt Ion:252 Resp: 714341
Ion Ratio Lower Upper
252 100
253 24.2 17.8 26.8
125 9.5 7.8 11.6





#92
 Benzo(g,h,i)perylene
 Concen: 6.343 ng
 RT: 27.004 min Scan# 4095
 Delta R.T. -0.029 min
 Lab File: BP008988.D
 Acq: 01 Feb 2022 15:57

Instrument :
 BNA_P
 ClientSampleId :
 CC-9RE



Tgt Ion: 276 Resp: 49430
 Ion Ratio Lower Upper
 276 100
 277 23.5 19.2 28.8
 138 16.9 15.0 22.4

Manual Integrations
 APPROVED

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

