

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013122\
 Data File : BP008974.D
 Acq On : 31 Jan 2022 20:16
 Operator : CG/JU
 Sample : N1303-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CC-9

Quant Time: Feb 01 04:22:11 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	203801	20.000	ng	0.00
21) Naphthalene-d8	10.628	136	735745	20.000	ng	0.00
39) Acenaphthene-d10	14.469	164	446526	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	938730	20.000	ng	-0.01
76) Chrysene-d12	21.316	240	1058810	20.000	ng	-0.01
86) Perylene-d12	23.727	264	1246639	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.417	112	1149	0.087	ng	0.00
7) Phenol-d6	7.040	99	19838	1.243	ng	0.02
23) Nitrobenzene-d5	8.987	82	928729	71.665	ng	-0.01
42) 2,4,6-Tribromophenol	15.969	330	223	0.034	ng	0.00
45) 2-Fluorobiphenyl	13.093	172	2282496	67.410	ng	0.00
79) Terphenyl-d14	19.786	244	3645194	58.111	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	10.675	128	1922562	48.111	ng	99
37) 2-Methylnaphthalene	12.287	142	248019	8.490	ng	98
38) 1-Methylnaphthalene	12.510	142	138846m	5.178	ng	
52) Acenaphthene	14.534	154	76535	3.049	ng	98
55) Dibenzofuran	14.869	168	96857	2.368	ng	97
58) Fluorene	15.522	166	121789	3.770	ng	97
71) Phenanthrene	17.269	178	1369756	25.916	ng	98
72) Anthracene	17.357	178	246371	4.647	ng	99
73) Carbazole	17.639	167	95103	2.086	ng	96
75) Fluoranthene	19.239	202	1514148	25.761	ng	96
78) Pyrene	19.592	202	1464112	19.818	ng	98
81) Benzo(a)anthracene	21.304	228	776812	10.905	ng	99
83) Chrysene	21.357	228	810596m	11.739	ng	
84) Bis(2-ethylhexyl)phtha...	21.227	149	115312	2.506	ng	98
87) Indeno(1,2,3-cd)pyrene	26.239	276	537915	5.236	ng	96
88) Benzo(b)fluoranthene	22.998	252	1051384m	12.629	ng	
89) Benzo(k)fluoranthene	23.033	252	298216m	3.700	ng	
90) Benzo(a)pyrene	23.621	252	723971	9.009	ng	100
92) Benzo(g,h,i)perylene	27.004	276	545750	6.399	ng	99

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

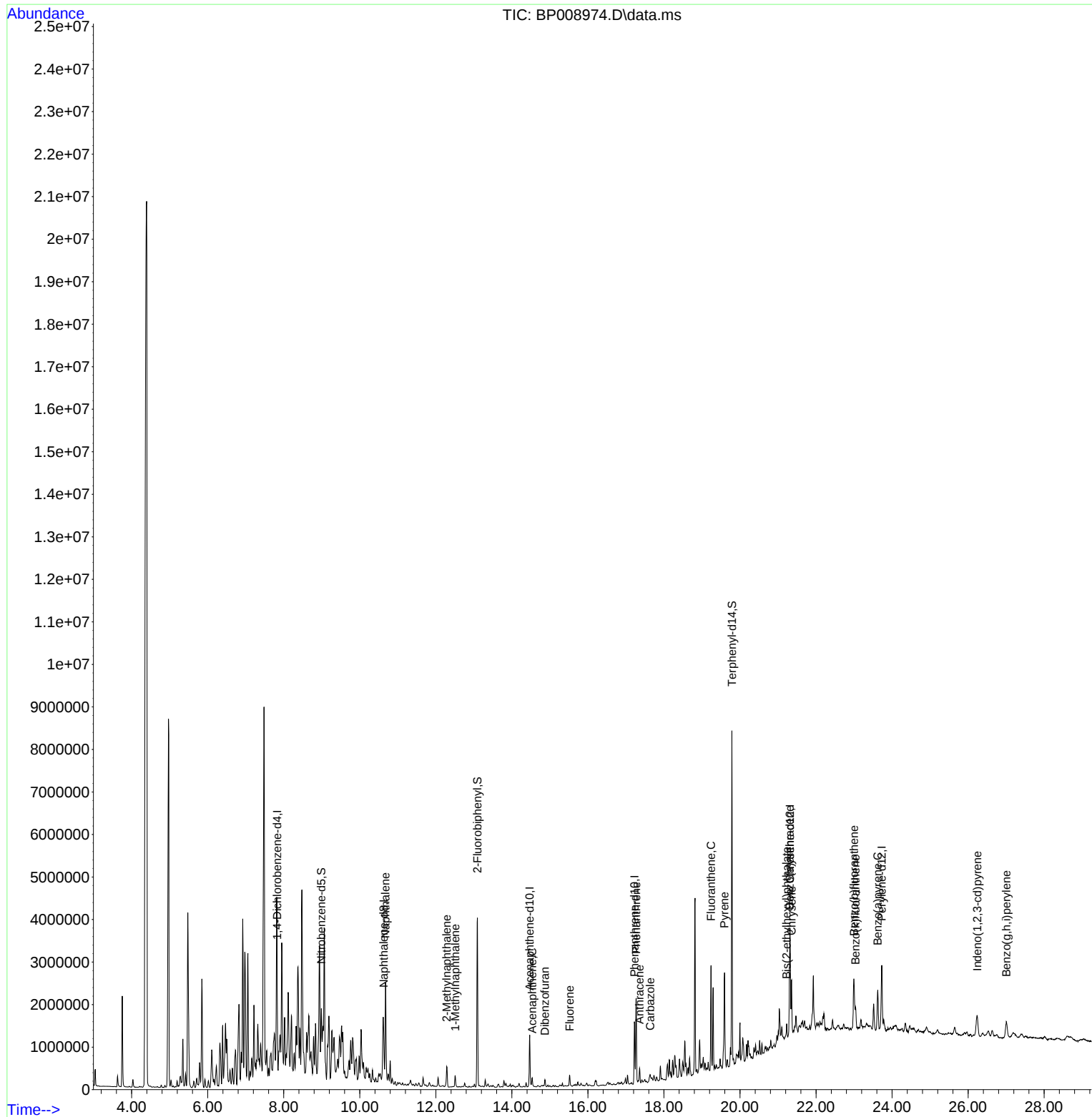
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013122\
Data File : BP008974.D
Acq On : 31 Jan 2022 20:16
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Sample : N1303-09
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ALS Vial : 16 Sample Multiplier: 1

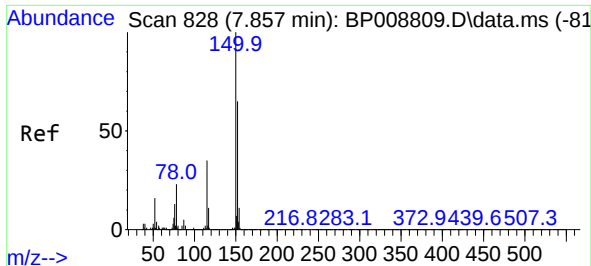
Instrument :
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ClientSampleId :
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Quant Time: Feb 01 04:22:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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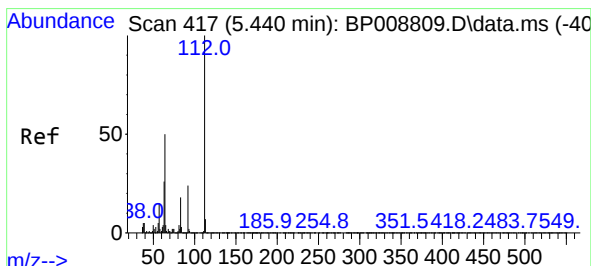
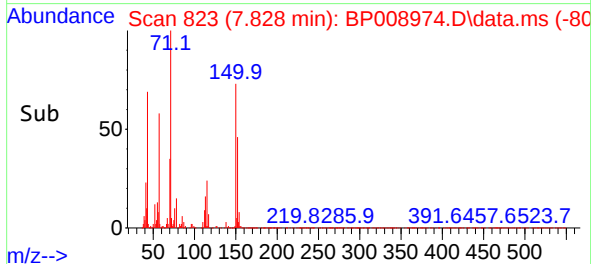
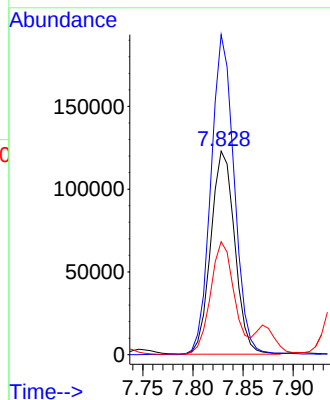
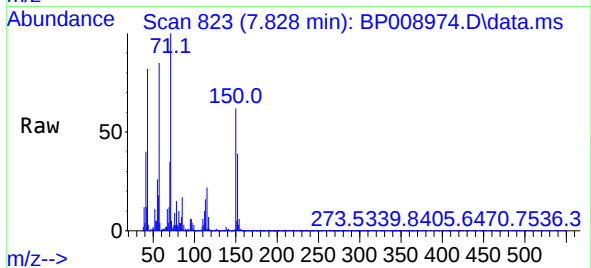
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.828 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Instrument :
BNA_P
ClientSampleId :
CC-9

Tgt Ion:152 Resp: 20380
Ion Ratio Lower Upper
152 100
150 157.2 127.0 190.6
115 55.5 43.7 65.5

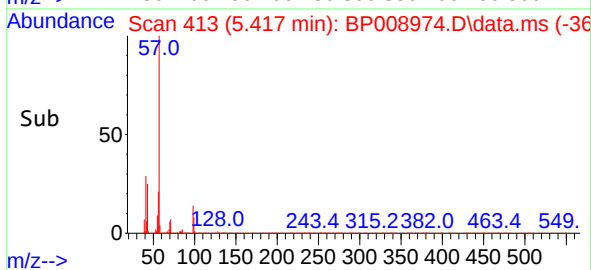
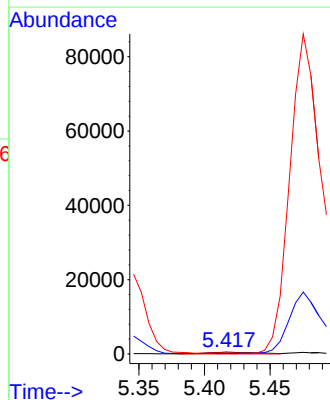
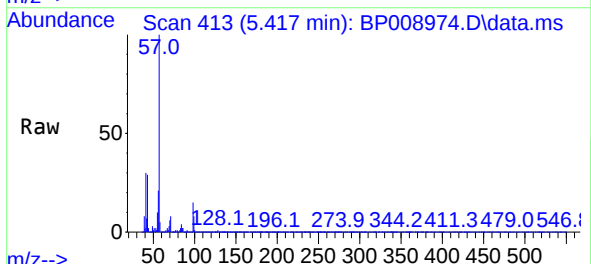
Manual Integrations
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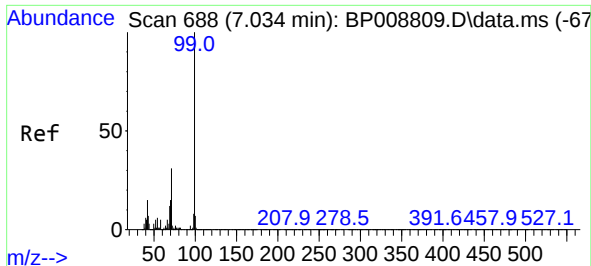
Reviewed By :Christian Giraldo 02/01/2022
Supervised By :Jagrut Upadhyay 02/01/2022



#5
2-Fluorophenol
Concen: 0.087 ng
RT: 5.417 min Scan# 413
Delta R.T. -0.006 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

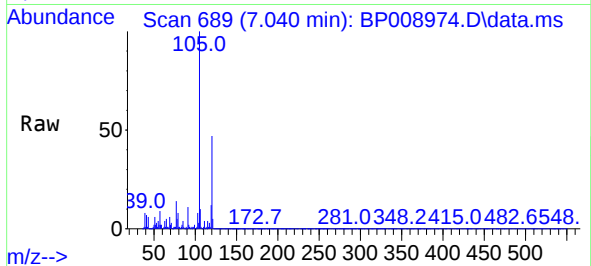
Tgt Ion:112 Resp: 1149
Ion Ratio Lower Upper
112 100
64 21.9 39.7 59.5#
63 53.9 20.0 30.0#





#7
Phenol-d6
Concen: 1.243 ng
RT: 7.040 min Scan# 61
Delta R.T. 0.024 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

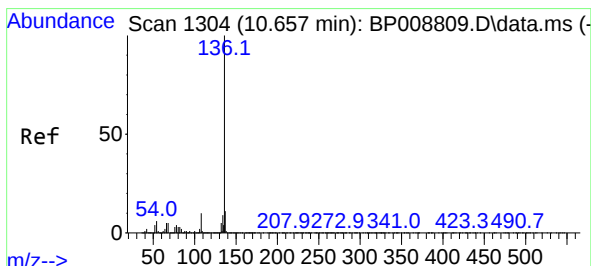
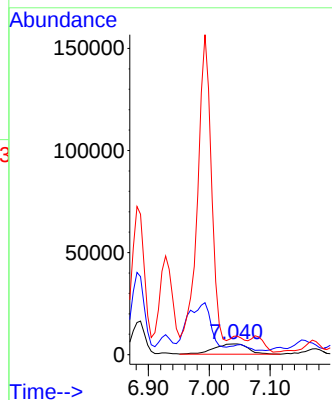
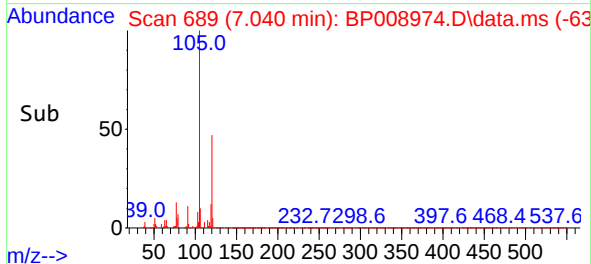
Instrument :
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ClientSampleId :
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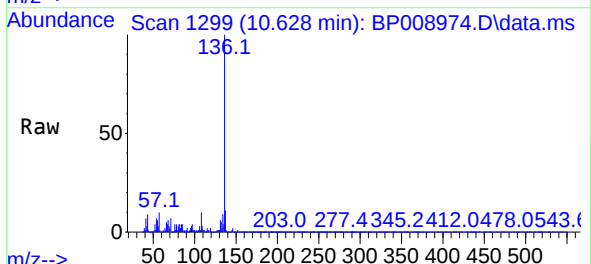
Tgt Ion: 99 Resp: 19838
Ion Ratio Lower Upper
99 100
42 79.9 10.8 16.2
71 171.0 23.8 35.6

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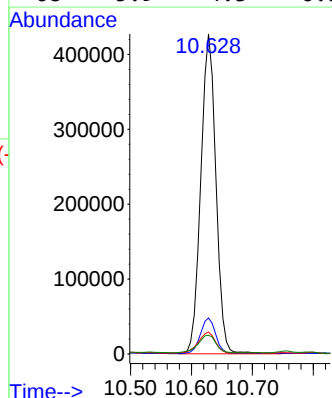
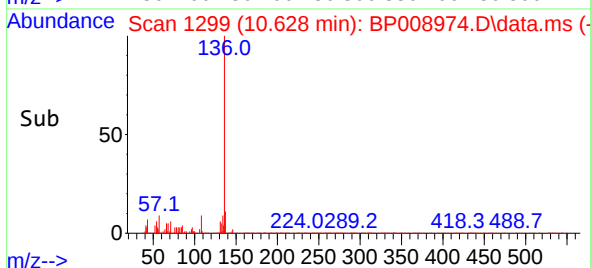
Reviewed By :Christian Giraldo 02/01/2022
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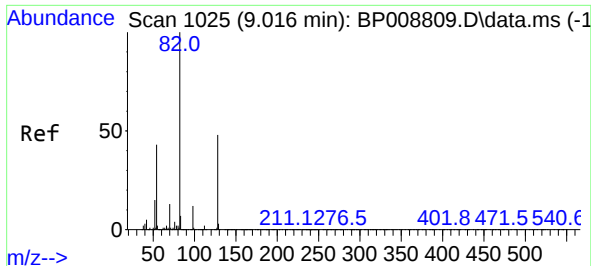


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.628 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16



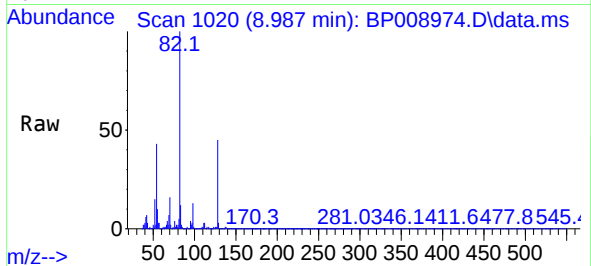
Tgt Ion:136 Resp: 735745
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 6.9 4.9 7.3
68 5.9 4.3 6.5





#23
Nitrobenzene-d5
Concen: 71.665 ng
RT: 8.987 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

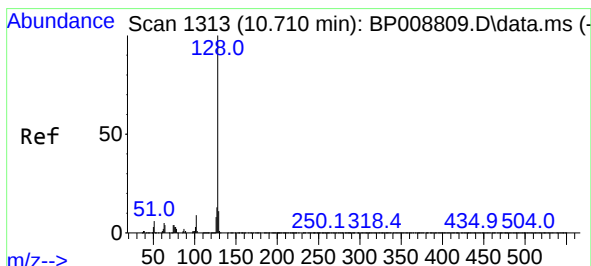
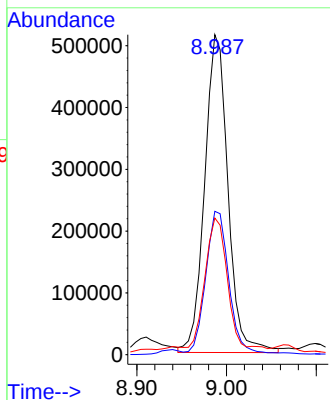
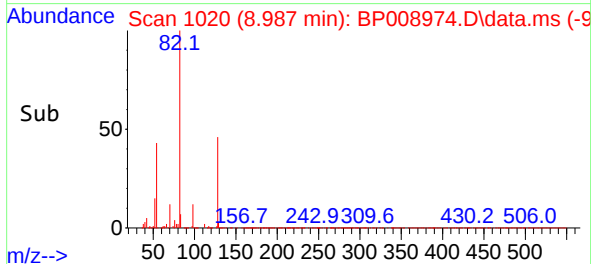
Instrument :
BNA_P
ClientSampleId :
CC-9



Tgt Ion: 82 Resp: 928729
Ion Ratio Lower Upper
82 100
128 44.8 39.4 59.2
54 42.7 32.6 48.8

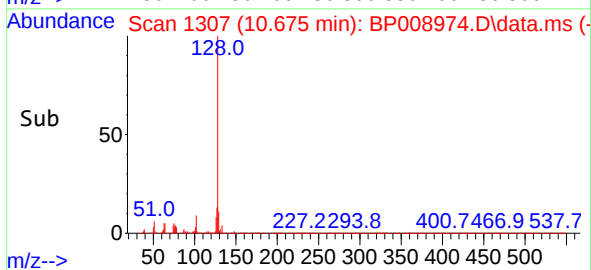
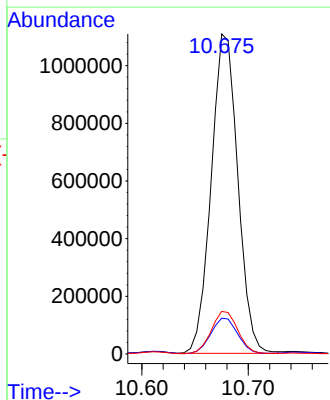
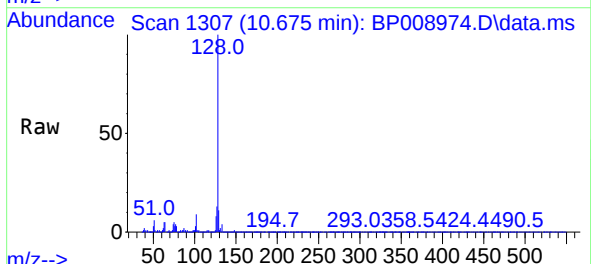
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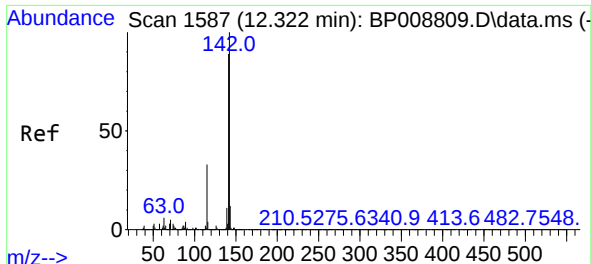
Reviewed By :Christian Giraldo 02/01/2022
Supervised By :Jagrut Upadhyay 02/01/2022



#31
Naphthalene
Concen: 48.111 ng
RT: 10.675 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Tgt Ion:128 Resp: 1922562
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.3 10.4 15.6





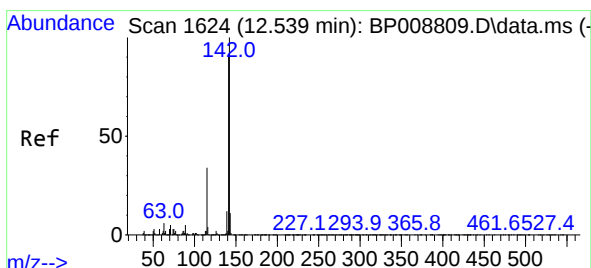
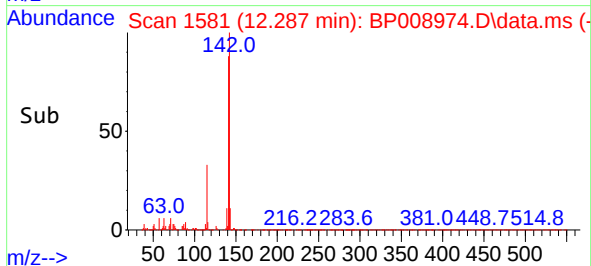
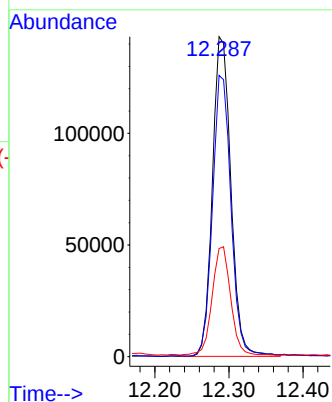
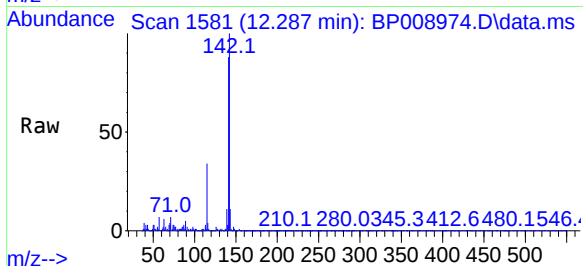
#37
2-Methylnaphthalene
Concen: 8.490 ng
RT: 12.287 min Scan# 1619
Delta R.T. -0.012 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Instrument :
BNA_P
ClientSampleId :
CC-9

Tgt Ion:142 Resp: 248019
Ion Ratio Lower Upper
142 100
141 87.9 70.5 105.7
115 33.8 24.6 36.8

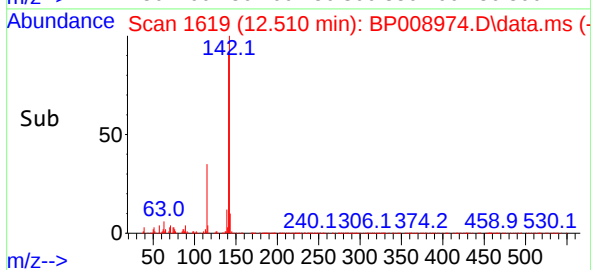
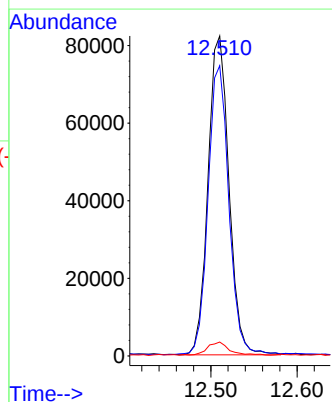
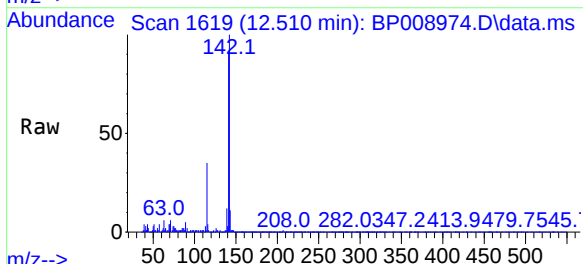
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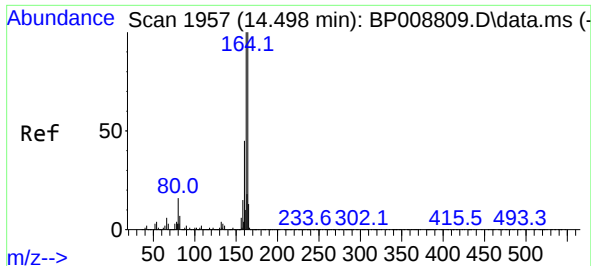
Reviewed By :Christian Giraldo 02/01/2022
Supervised By :Jagrut Upadhyay 02/01/2022



#38
1-Methylnaphthalene
Concen: 5.178 ng m
RT: 12.510 min Scan# 1619
Delta R.T. -0.006 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

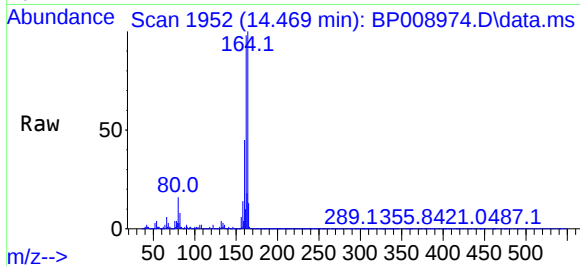
Tgt Ion:142 Resp: 138846
Ion Ratio Lower Upper
142 100
141 90.7 73.2 109.8
116 4.3 2.7 4.1#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

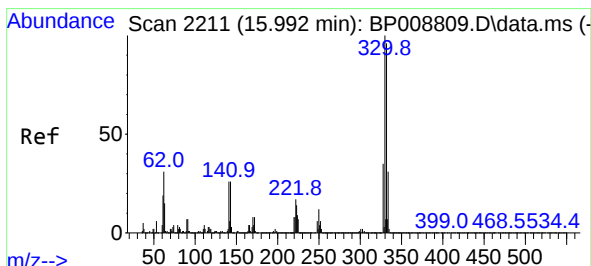
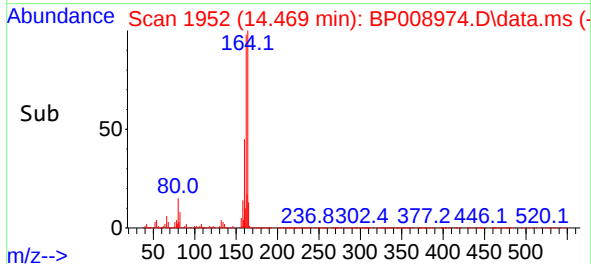
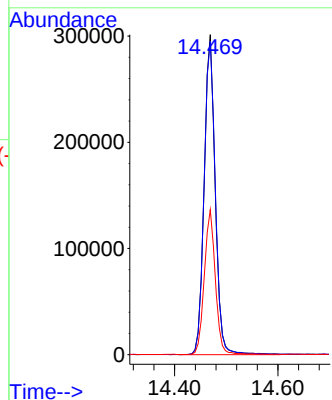
Instrument :
BNA_P
ClientSampleId :
CC-9



Tgt Ion:164 Resp: 446520
Ion Ratio Lower Upper
164 100
162 97.9 79.9 119.9
160 45.3 35.5 53.3

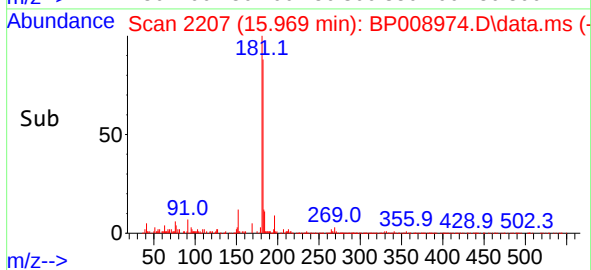
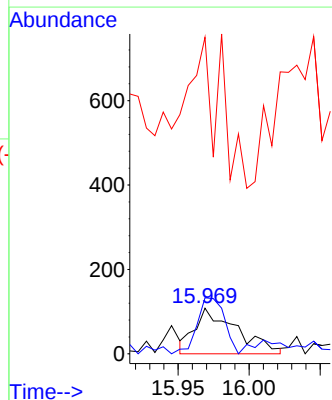
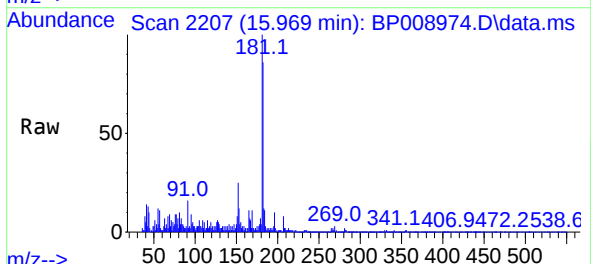
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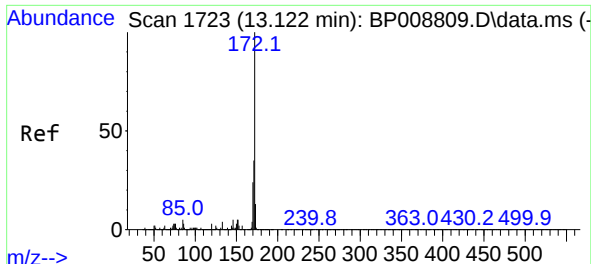
Reviewed By :Christian Giraldo 02/01/2022
Supervised By :Jagrut Upadhyay 02/01/2022



#42
2,4,6-Tribromophenol
Concen: 0.034 ng
RT: 15.969 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Tgt Ion:330 Resp: 223
Ion Ratio Lower Upper
330 100
332 79.4 77.0 115.4
141 258.7 21.3 31.9#





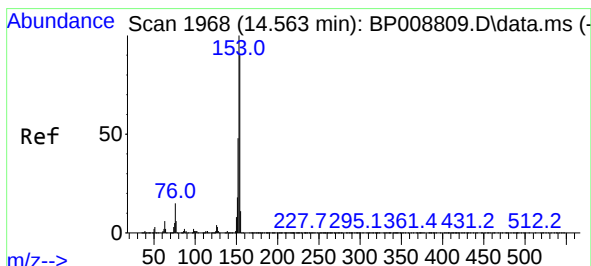
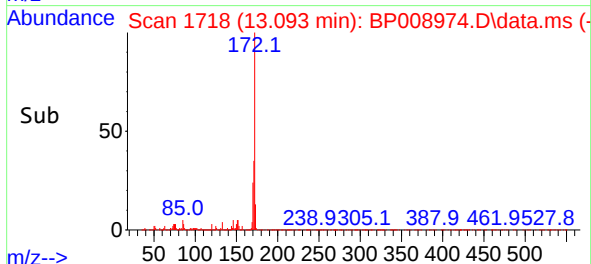
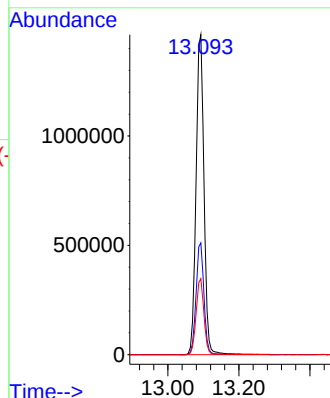
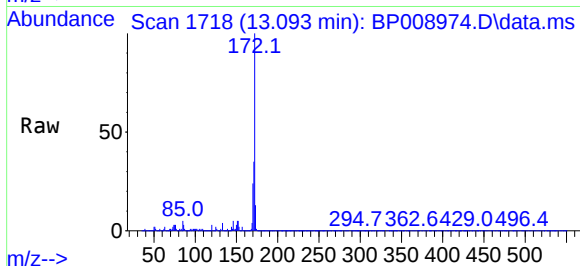
#45
2-Fluorobiphenyl
Concen: 67.410 ng
RT: 13.093 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Instrument :
BNA_P
ClientSampleId :
CC-9

Tgt Ion:172 Resp: 2282490
Ion Ratio Lower Upper
172 100
171 35.0 29.3 43.9
170 23.7 19.5 29.3

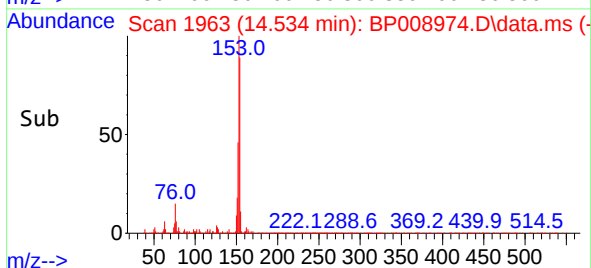
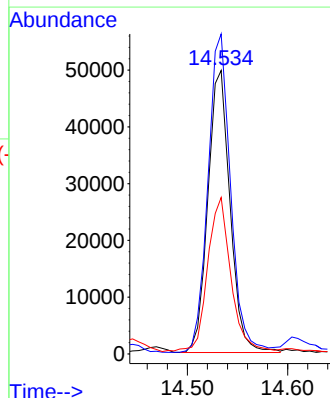
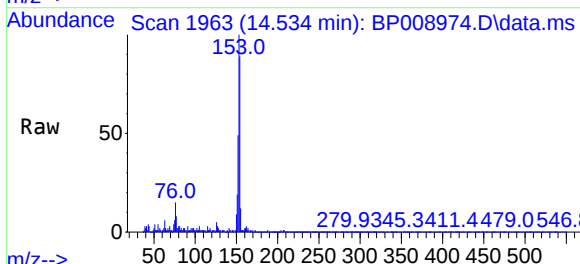
Manual Integrations
APPROVED

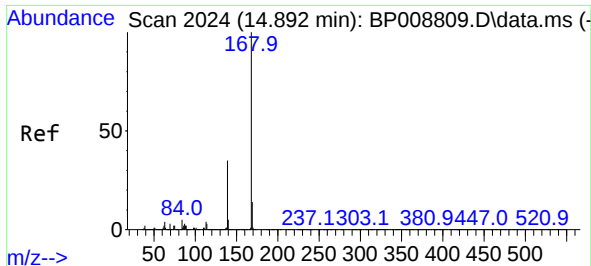
Reviewed By :Christian Giraldo 02/01/2022
Supervised By :Jagrut Upadhyay 02/01/2022



#52
Acenaphthene
Concen: 3.049 ng
RT: 14.534 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

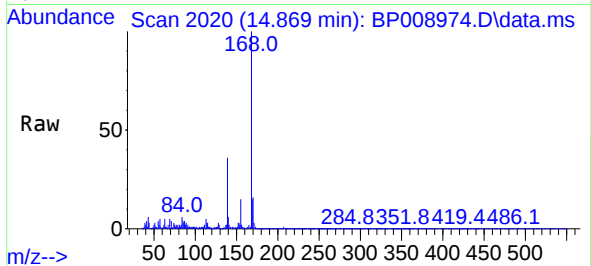
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Ion Ratio Lower Upper
154 100
153 112.9 89.4 134.2
152 55.2 42.6 63.8





#55
Dibenzenofuran
Concen: 2.368 ng
RT: 14.869 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

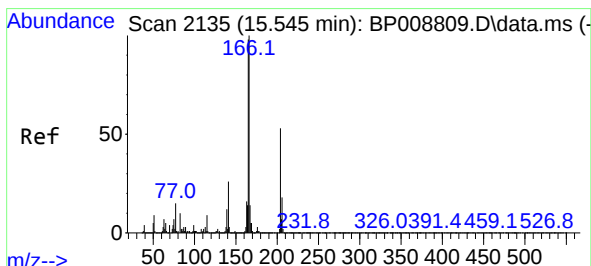
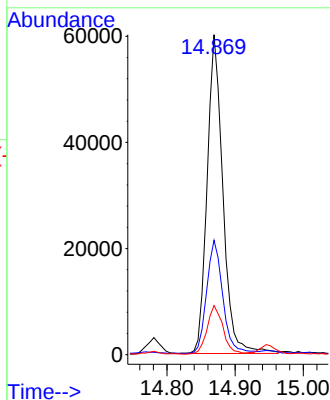
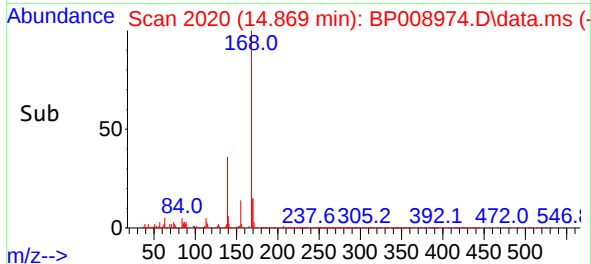
Instrument :
BNA_P
ClientSampleId :
CC-9



Tgt Ion:168 Resp: 9685
Ion Ratio Lower Upper
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139 35.8 27.4 41.0
169 15.3 10.9 16.3

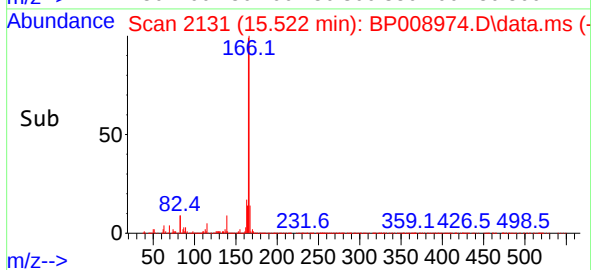
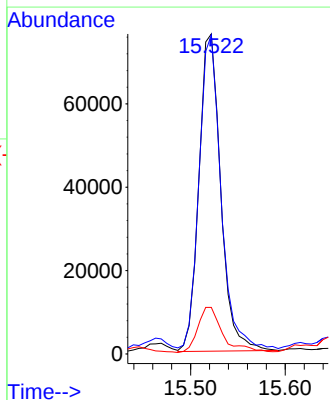
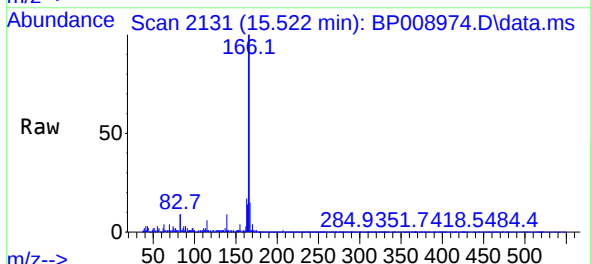
Manual Integrations
APPROVED

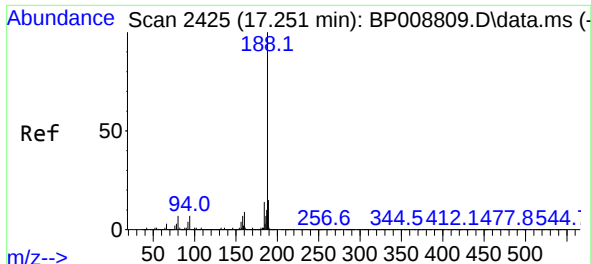
Reviewed By :Christian Giraldo 02/01/2022
Supervised By :Jagrut Upadhyay 02/01/2022



#58
Fluorene
Concen: 3.770 ng
RT: 15.522 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Tgt Ion:166 Resp: 121789
Ion Ratio Lower Upper
166 100
165 99.7 77.2 115.8
167 14.6 11.2 16.8





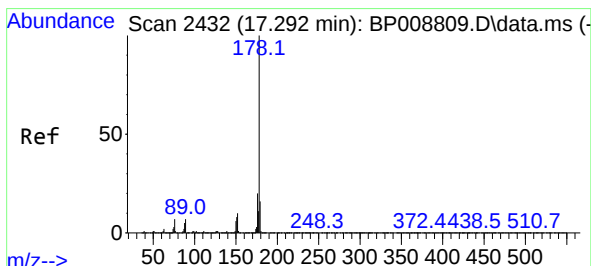
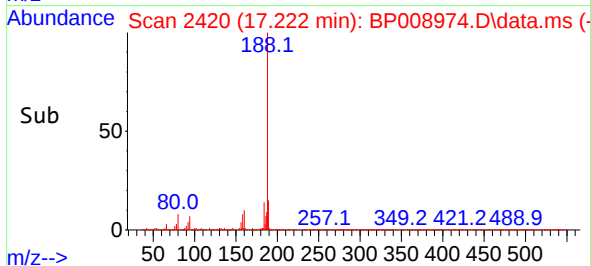
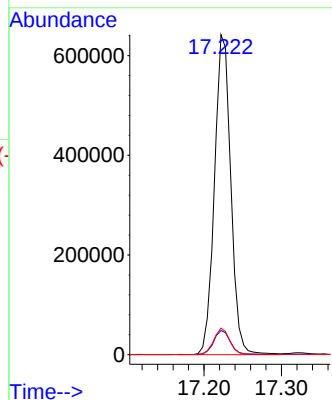
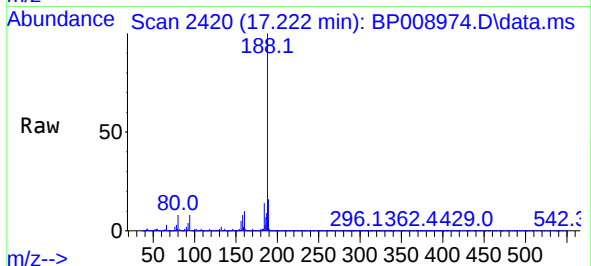
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2420
Delta R.T. -0.012 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Instrument :
BNA_P
ClientSampleId :
CC-9

Tgt Ion:188 Resp: 938730
Ion Ratio Lower Upper
188 100
94 7.6 6.8 10.2
80 8.3 7.2 10.8

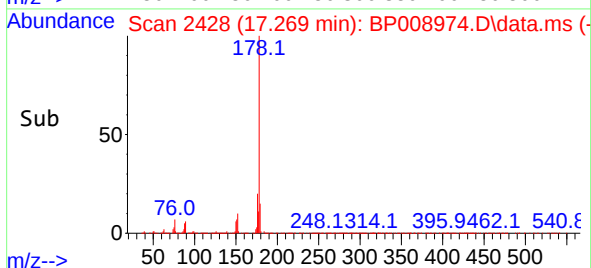
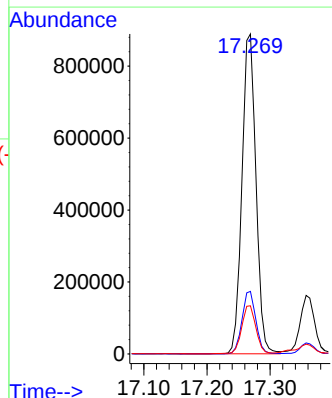
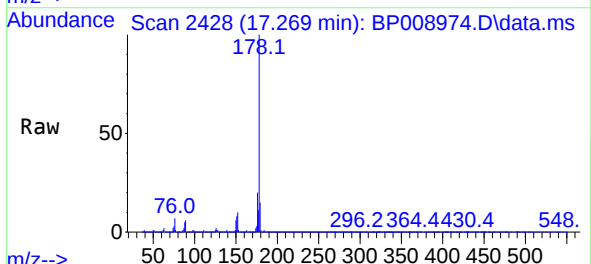
Manual Integrations
APPROVED

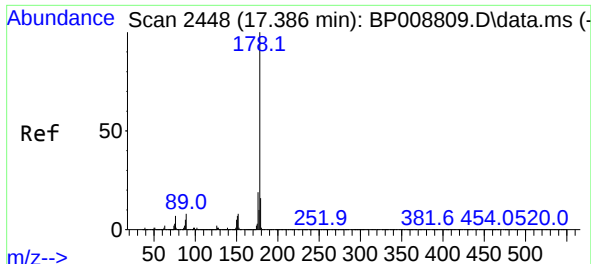
Reviewed By :Christian Giraldo 02/01/2022
Supervised By :Jagrut Upadhyay 02/01/2022



#71
Phenanthrene
Concen: 25.916 ng
RT: 17.269 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

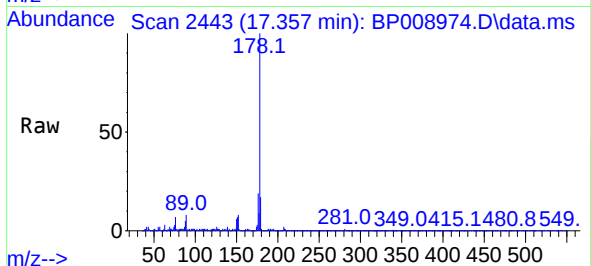
Tgt Ion:178 Resp: 1369756
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 15.0 13.0 19.4





#72
 Anthracene
 Concen: 4.647 ng
 RT: 17.357 min Scan# 2443
 Delta R.T. -0.012 min
 Lab File: BP008974.D
 Acq: 31 Jan 2022 20:16

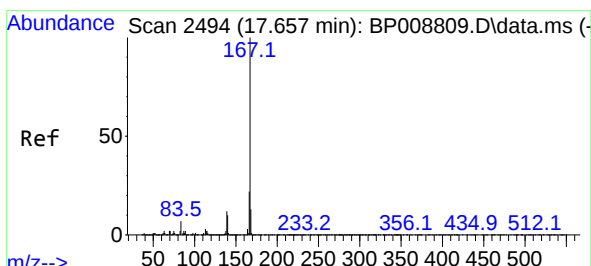
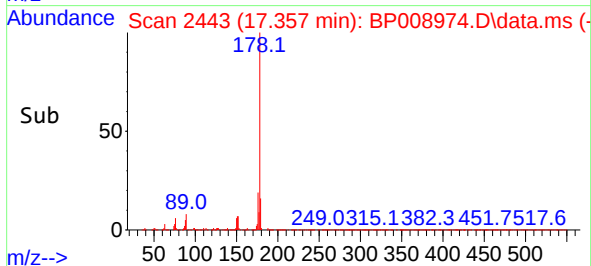
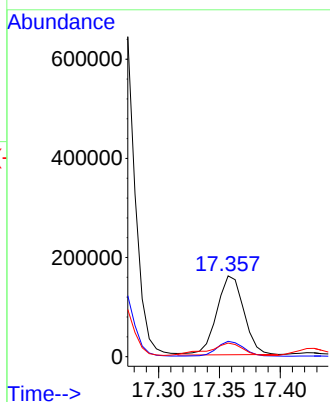
Instrument :
 BNA_P
 ClientSampleId :
 CC-9



Tgt Ion:178 Resp: 24637
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.1 22.7
 179 16.8 12.8 19.2

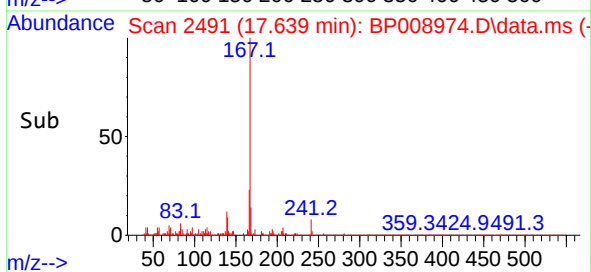
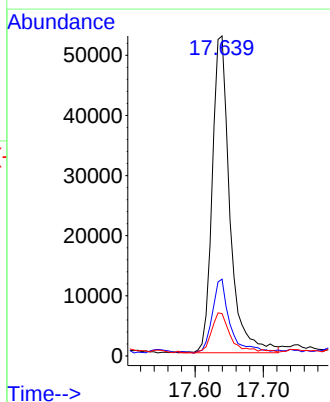
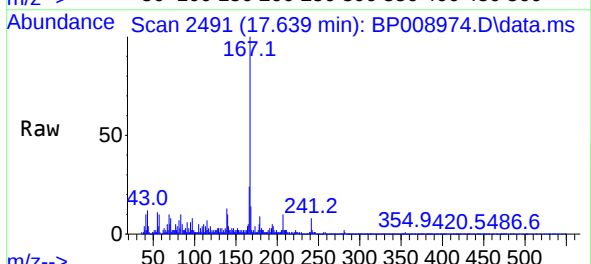
Manual Integrations
 APPROVED

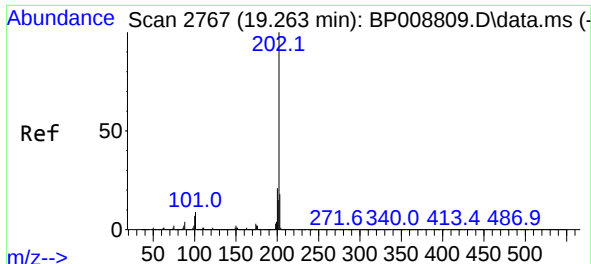
Reviewed By :Christian Giraldo 02/01/2022
 Supervised By :Jagrut Upadhyay 02/01/2022



#73
 Carbazole
 Concen: 2.086 ng
 RT: 17.639 min Scan# 2491
 Delta R.T. 0.000 min
 Lab File: BP008974.D
 Acq: 31 Jan 2022 20:16

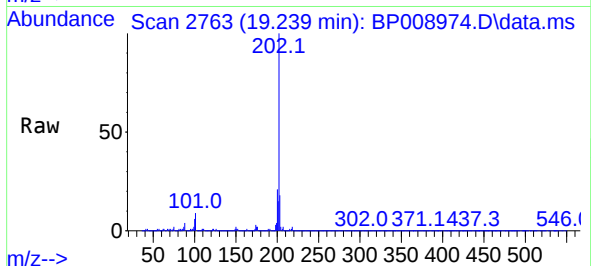
Tgt Ion:167 Resp: 95103
 Ion Ratio Lower Upper
 167 100
 166 24.0 17.7 26.5
 139 13.2 9.8 14.6





#75
Fluoranthene
Concen: 25.761 ng
RT: 19.239 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

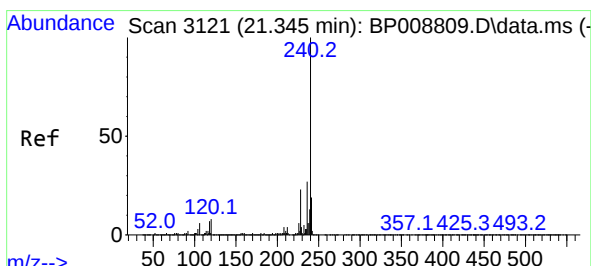
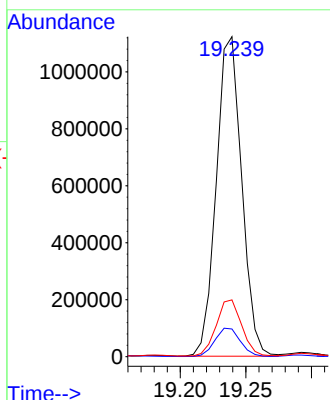
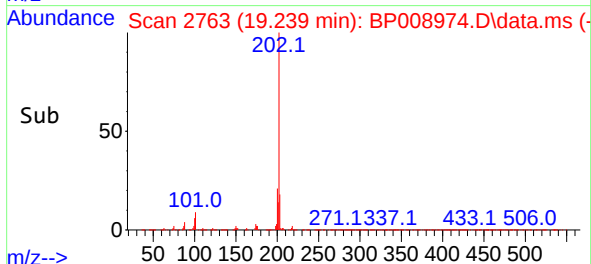
Instrument :
BNA_P
ClientSampleId :
CC-9



Tgt Ion:202 Resp: 151414
Ion Ratio Lower Upper
202 100
101 8.6 0.0 30.7
203 17.8 0.0 38.9

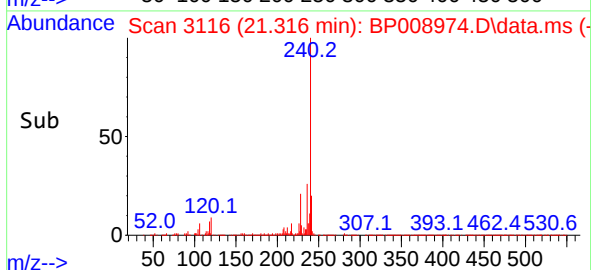
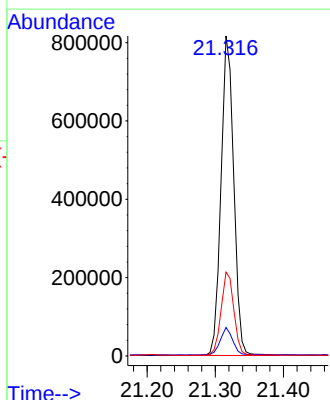
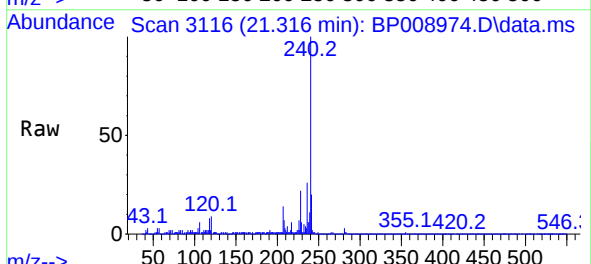
Manual Integrations
APPROVED

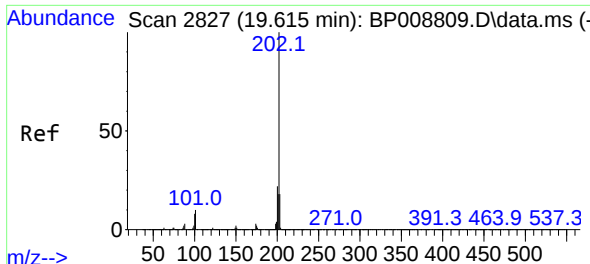
Reviewed By :Christian Giraldo 02/01/2022
Supervised By :Jagrut Upadhyay 02/01/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.316 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

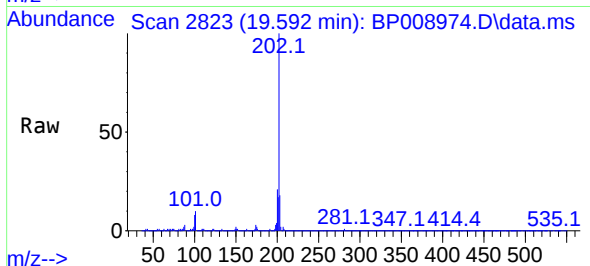
Tgt Ion:240 Resp: 1058810
Ion Ratio Lower Upper
240 100
120 8.9 7.7 11.5
236 26.2 21.2 31.8





#78
Pyrene
Concen: 19.818 ng
RT: 19.592 min Scan# 2823
Delta R.T. -0.006 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

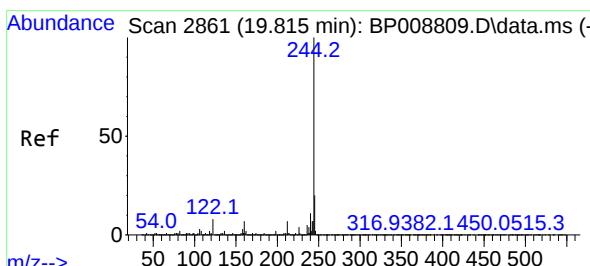
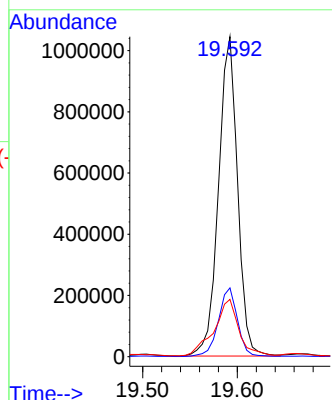
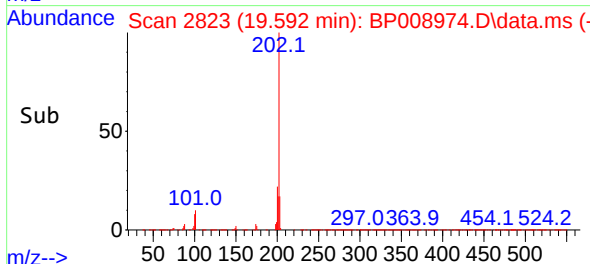
Instrument :
BNA_P
ClientSampleId :
CC-9



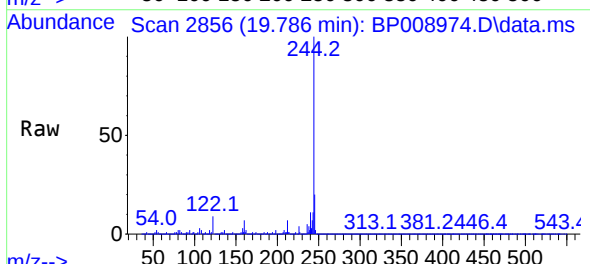
Tgt Ion:202 Resp: 146411
Ion Ratio Lower Upper
202 100
200 21.5 18.0 27.0
203 17.9 15.0 22.6

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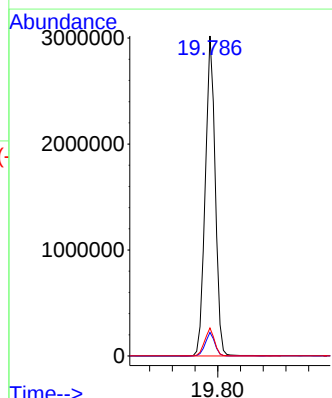
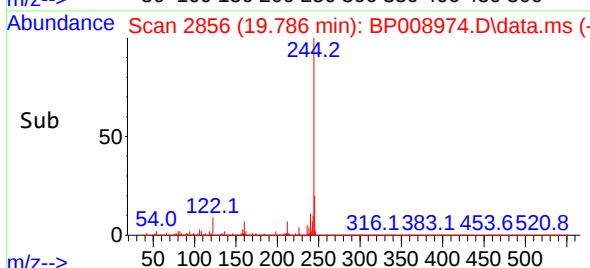
Reviewed By :Christian Giraldo 02/01/2022
Supervised By :Jagrut Upadhyay 02/01/2022

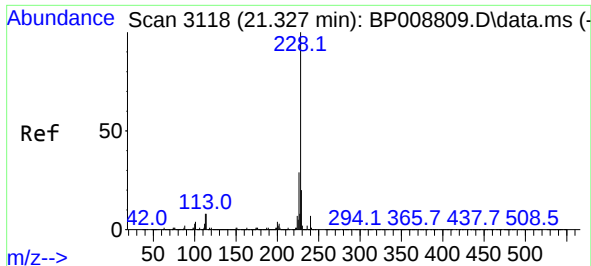


#79
Terphenyl-d14
Concen: 58.111 ng
RT: 19.786 min Scan# 2856
Delta R.T. -0.012 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16



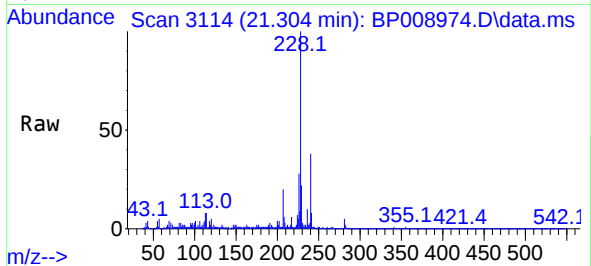
Tgt Ion:244 Resp: 3645194
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 8.7 9.2 13.8





#81
Benzo(a)anthracene
Concen: 10.905 ng
RT: 21.304 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

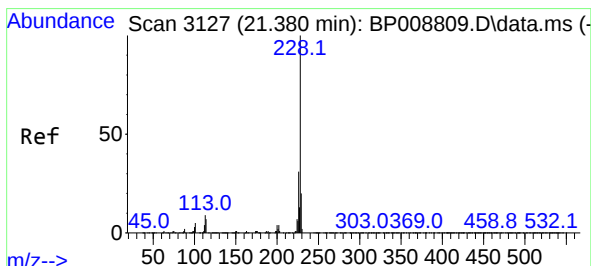
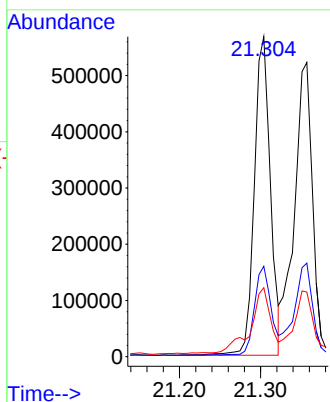
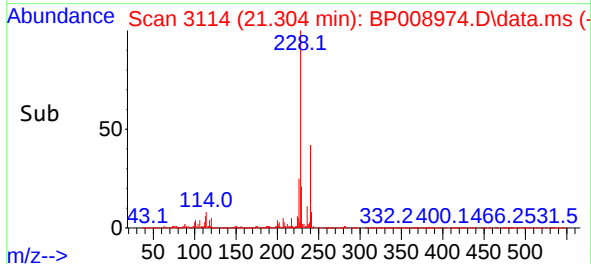
Instrument :
BNA_P
ClientSampleId :
CC-9



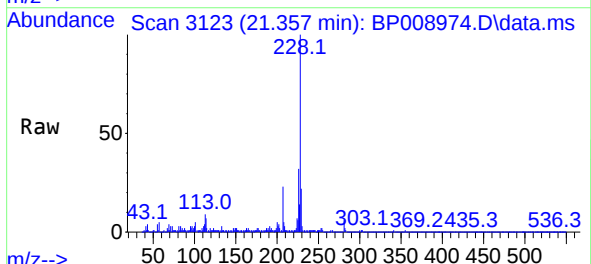
Tgt Ion:228 Resp: 776812
Ion Ratio Lower Upper
228 100
226 28.2 23.3 34.9
229 21.5 17.0 25.6

Manual Integrations
APPROVED

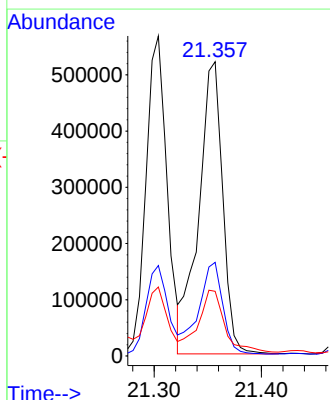
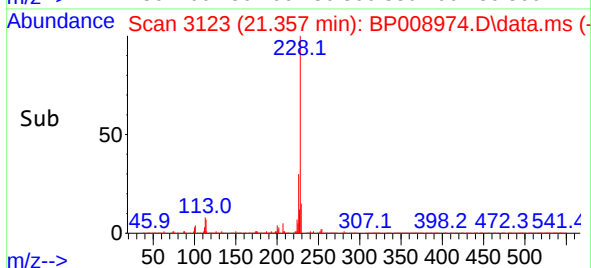
Reviewed By :Christian Giraldo 02/01/2022
Supervised By :Jagrut Upadhyay 02/01/2022

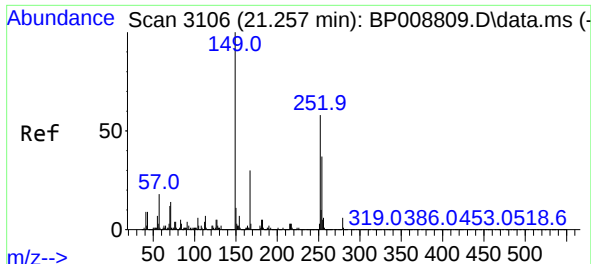


#83
Chrysene
Concen: 11.739 ng m
RT: 21.357 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16



Tgt Ion:228 Resp: 810596
Ion Ratio Lower Upper
228 100
226 31.8 26.0 39.0
229 22.0 16.9 25.3





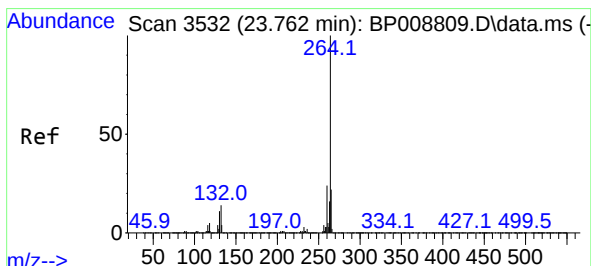
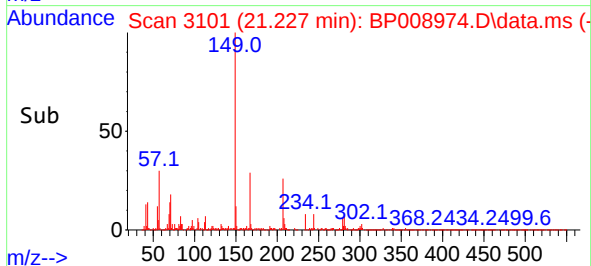
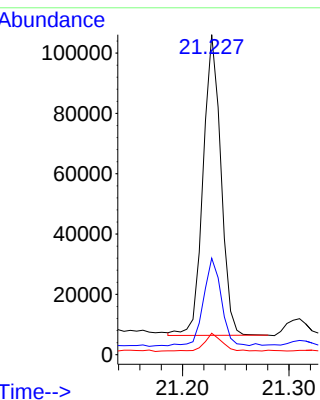
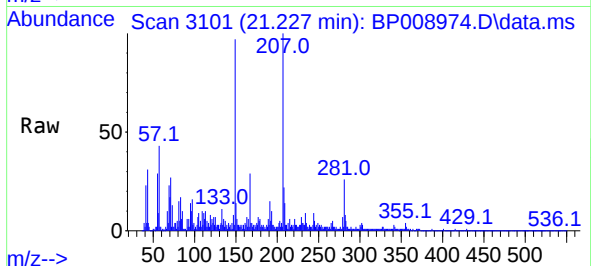
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.506 ng
RT: 21.227 min Scan# 3106
Delta R.T. -0.012 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Instrument :
BNA_P
ClientSampleId :
CC-9

Tgt Ion:149 Resp: 115312
Ion Ratio Lower Upper
149 100
167 30.2 25.0 37.4
279 6.7 4.8 7.2

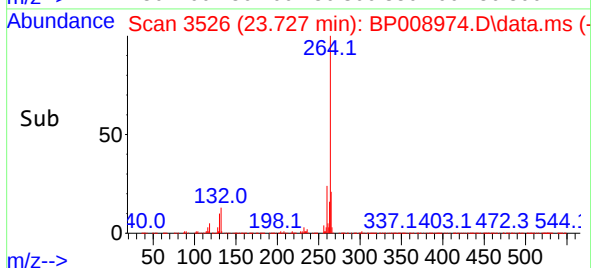
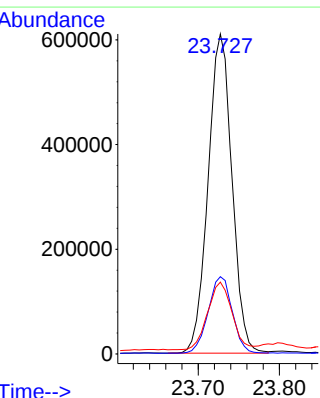
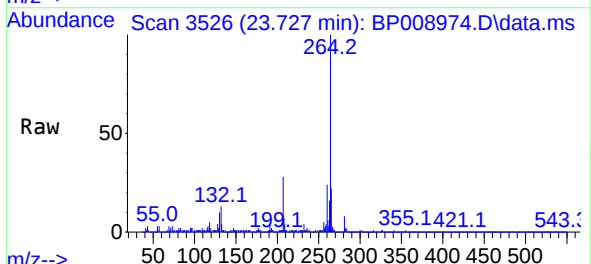
Manual Integrations
APPROVED

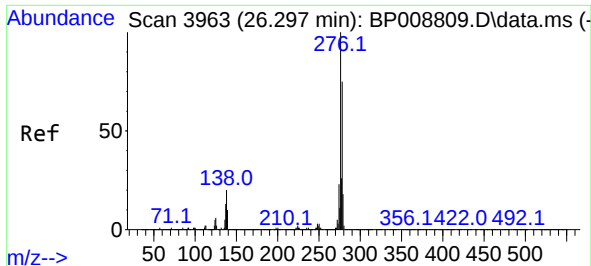
Reviewed By :Christian Giraldo 02/01/2022
Supervised By :Jagrut Upadhyay 02/01/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.727 min Scan# 3526
Delta R.T. -0.012 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Tgt Ion:264 Resp: 1246639
Ion Ratio Lower Upper
264 100
260 24.1 19.1 28.7
265 22.4 17.1 25.7





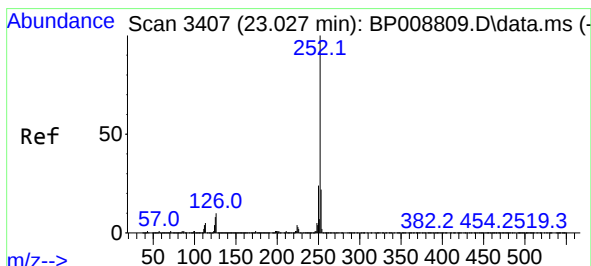
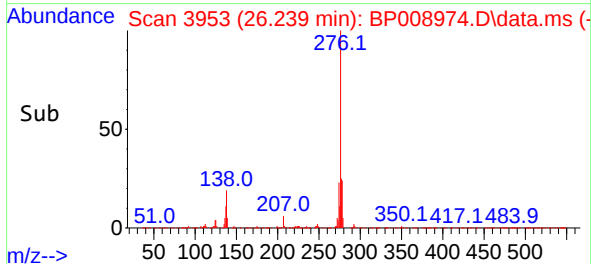
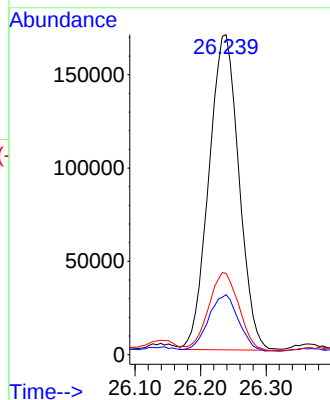
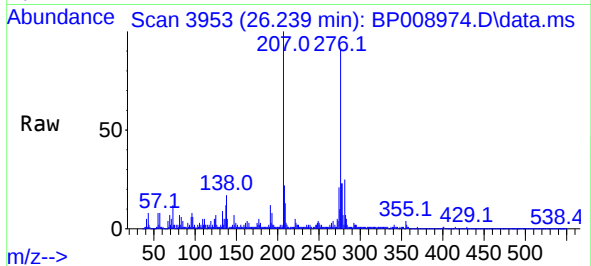
#87
Indeno(1,2,3-cd)pyrene
Concen: 5.236 ng
RT: 26.239 min Scan# 3953
Delta R.T. -0.023 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Instrument :
BNA_P
ClientSampleId :
CC-9

Tgt Ion:276 Resp: 53791
Ion Ratio Lower Upper
276 100
138 18.0 17.8 26.6
277 25.2 20.4 30.6

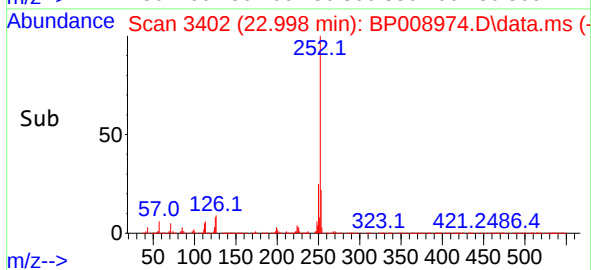
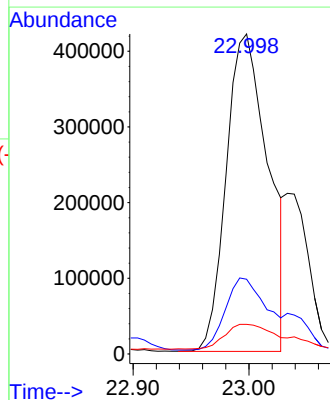
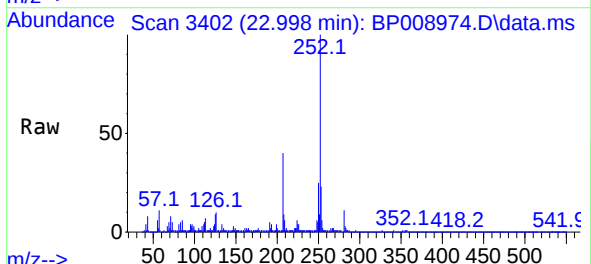
Manual Integrations
APPROVED

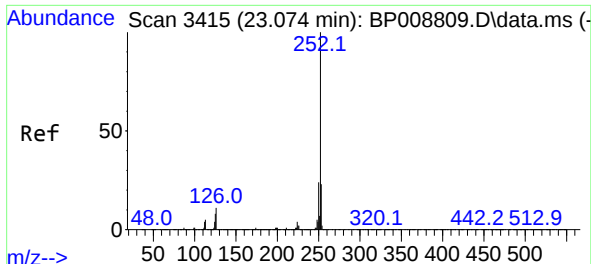
Reviewed By :Christian Giraldo 02/01/2022
Supervised By :Jagrut Upadhyay 02/01/2022



#88
Benzo(b)fluoranthene
Concen: 12.629 ng m
RT: 22.998 min Scan# 3402
Delta R.T. -0.006 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Tgt Ion:252 Resp: 1051384
Ion Ratio Lower Upper
252 100
253 23.3 18.0 27.0
125 9.3 6.9 10.3





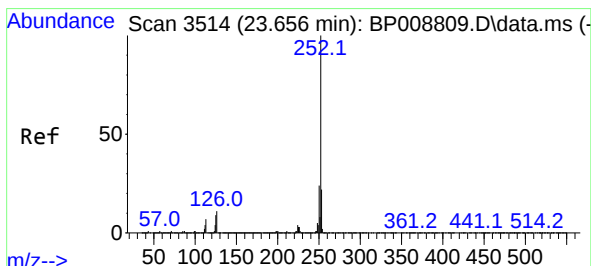
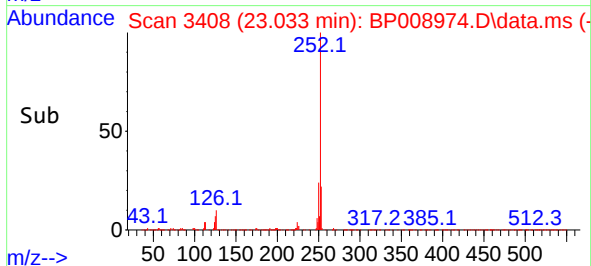
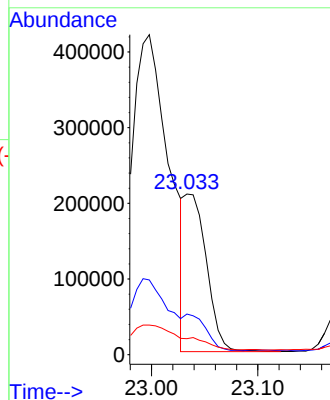
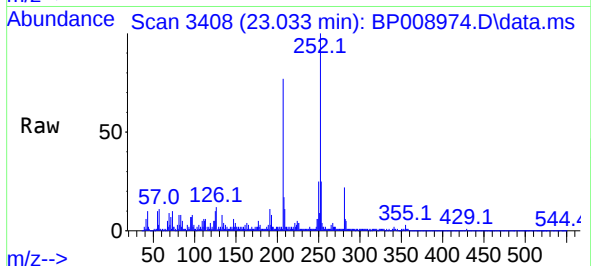
#89
Benzo(k)fluoranthene
Concen: 3.700 ng m
RT: 23.033 min Scan# 3415
Delta R.T. -0.017 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Instrument :
BNA_P
ClientSampleId :
CC-9

Tgt Ion:252 Resp: 298210
Ion Ratio Lower Upper
252 100
253 25.3 18.2 27.2
125 9.9 7.3 10.9

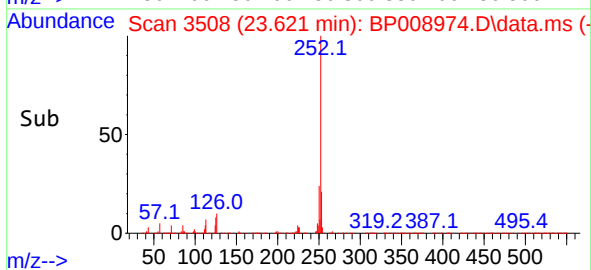
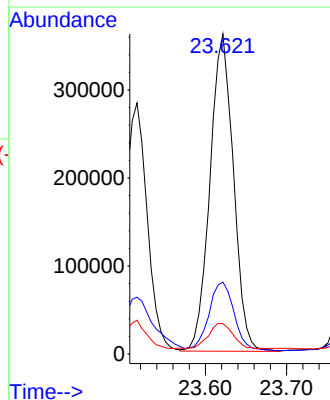
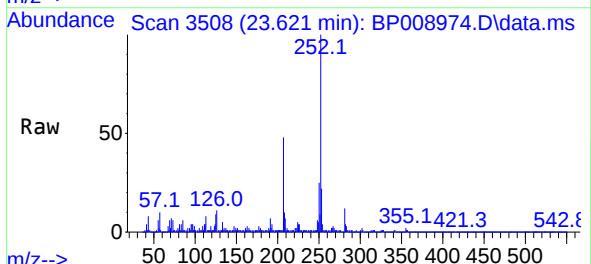
Manual Integrations
APPROVED

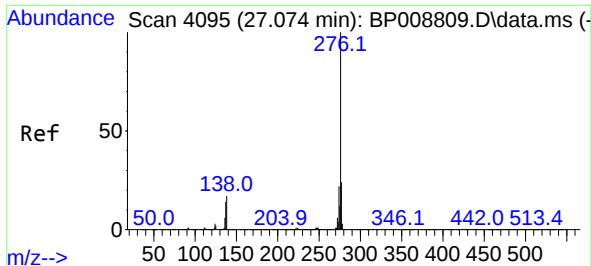
Reviewed By :Christian Giraldo 02/01/2022
Supervised By :Jagrut Upadhyay 02/01/2022



#90
Benzo(a)pyrene
Concen: 9.009 ng
RT: 23.621 min Scan# 3508
Delta R.T. -0.012 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

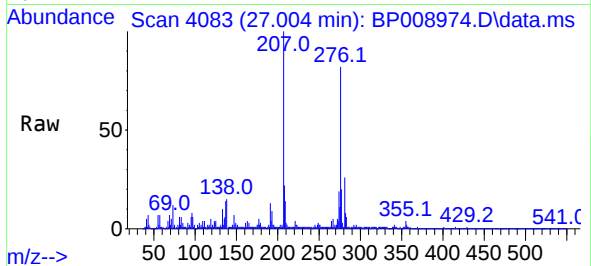
Tgt Ion:252 Resp: 723971
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 9.5 7.8 11.6





#92
Benzo(g,h,i)perylene
Concen: 6.399 ng
RT: 27.004 min Scan# 40
Delta R.T. -0.029 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Instrument :
BNA_P
ClientSampleId :
CC-9



Tgt Ion:276 Resp: 545750
Ion Ratio Lower Upper
276 100
277 24.9 19.2 28.8
138 18.7 15.0 22.4

Manual Integrations
APPROVED

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