

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
 Data File : BP009664.D
 Acq On : 01 Apr 2022 18:38
 Operator : CG/JU
 Sample : N2220-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A10015

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/04/2022
 Supervised By : Jagrut Upadhyay 04/04/2022

Quant Time: Apr 01 22:45:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 31 04:36:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	249418	20.000	ng	-0.01
21) Naphthalene-d8	10.516	136	1009765	20.000	ng	-0.02
39) Acenaphthene-d10	14.375	164	632758	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	1338807	20.000	ng	-0.02
76) Chrysene-d12	21.263	240	1387316	20.000	ng	-0.01
86) Perylene-d12	23.639	264	1494915	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1464240	102.497	ng	-0.01
7) Phenol-d6	6.922	99	1895032	98.090	ng	-0.01
23) Nitrobenzene-d5	8.887	82	1347534	70.916	ng	-0.01
42) 2,4,6-Tribromophenol	15.881	330	803218	76.925	ng	-0.01
45) 2-Fluorobiphenyl	12.998	172	3021139	66.189	ng	-0.01
79) Terphenyl-d14	19.727	244	4658059	60.265	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	10.569	128	131955	2.537	ng	99
37) 2-Methylnaphthalene	12.193	142	154201	4.225	ng	97
38) 1-Methylnaphthalene	12.410	142	154694	4.351	ng	99
71) Phenanthrene	17.186	178	862418	12.034	ng	100
72) Anthracene	17.281	178	142116	2.008	ng	97
75) Fluoranthene	19.169	202	1342070	15.468	ng	99
78) Pyrene	19.522	202	1176639	12.871	ng	99
81) Benzo(a)anthracene	21.245	228	740524	8.125	ng	98
83) Chrysene	21.298	228	737893	8.550	ng	98
87) Indeno(1,2,3-cd)pyrene	26.104	276	412756	3.639	ng	# 94
88) Benzo(b)fluoranthene	22.916	252	985605m	11.044	ng	
89) Benzo(k)fluoranthene	22.957	252	259367m	2.968	ng	
90) Benzo(a)pyrene	23.533	252	611015	8.002	ng	99
92) Benzo(g,h,i)perylene	26.862	276	413845	4.451	ng	# 92

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

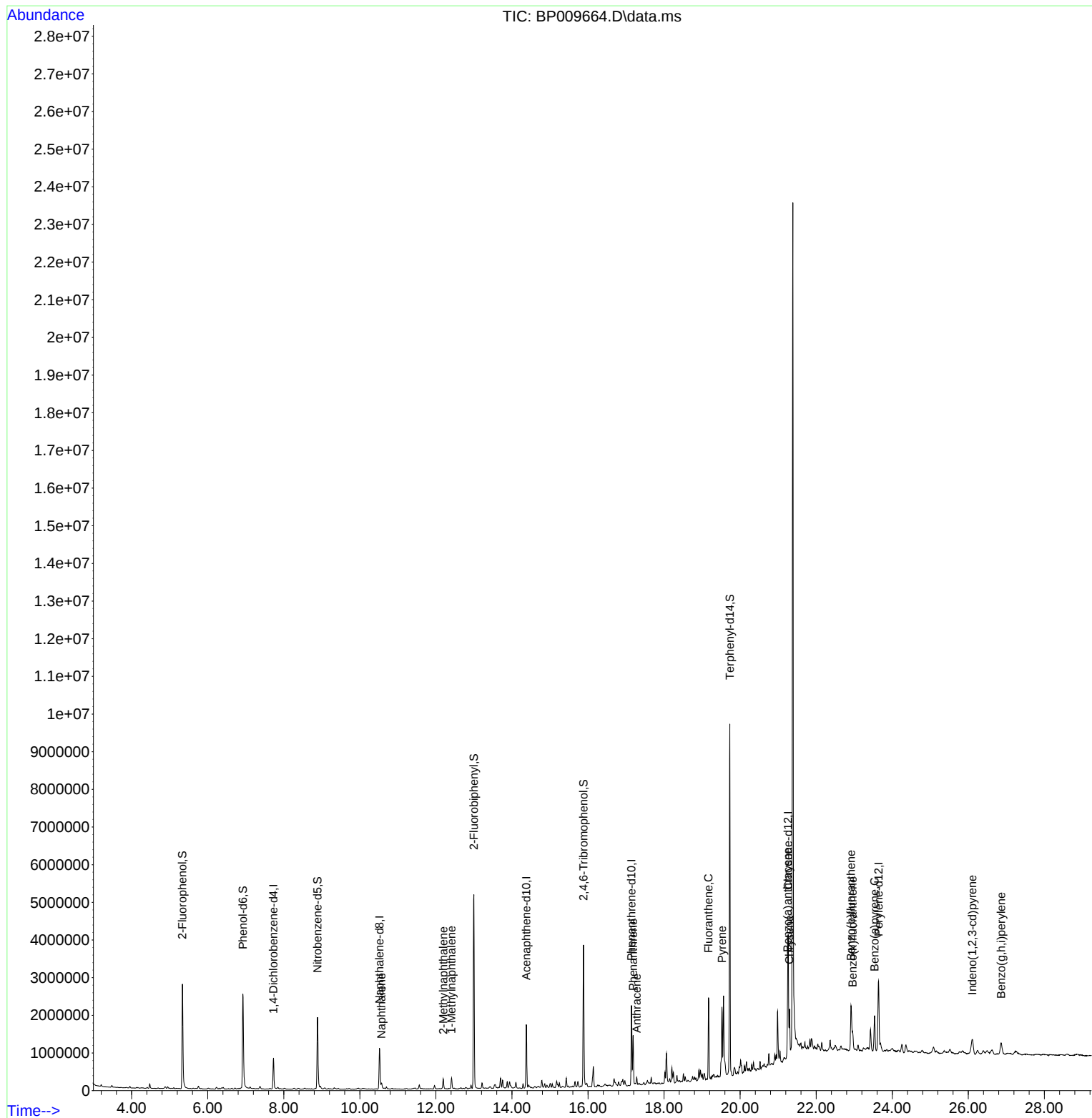
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
Data File : BP009664.D
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ALS Vial : 14 Sample Multiplier: 1

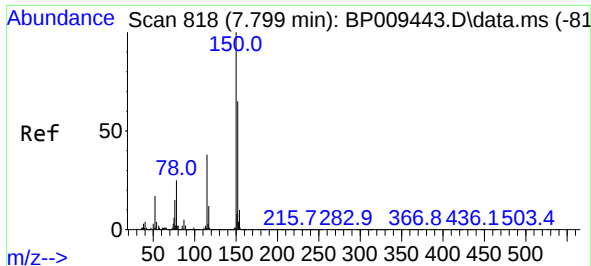
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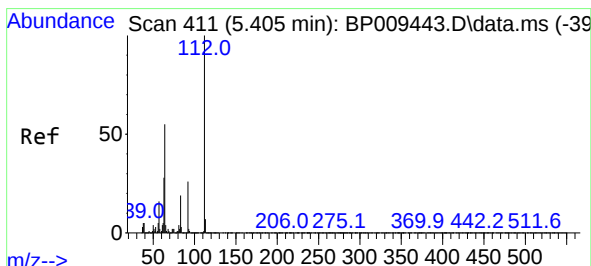
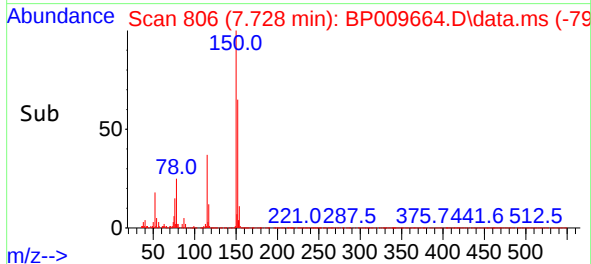
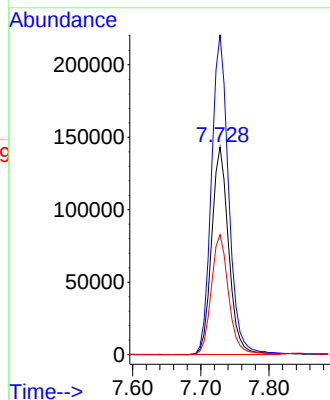
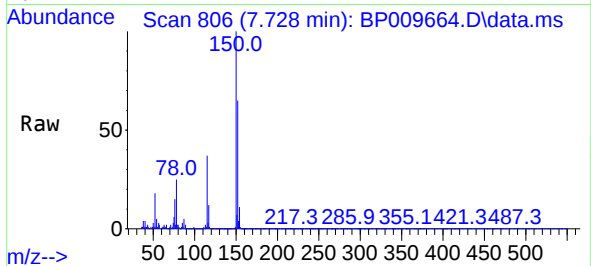
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

Instrument :
BNA_P
ClientSampleId :
A10015

Tgt Ion:152 Resp: 249418
Ion Ratio Lower Upper
152 100
150 154.1 124.5 186.7
115 57.8 48.2 72.4

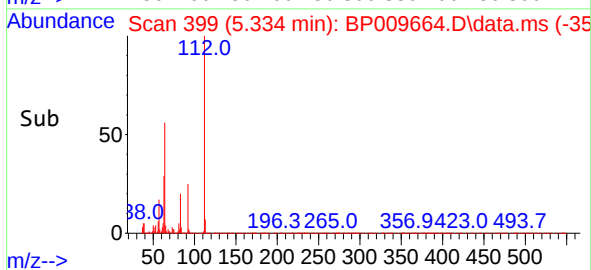
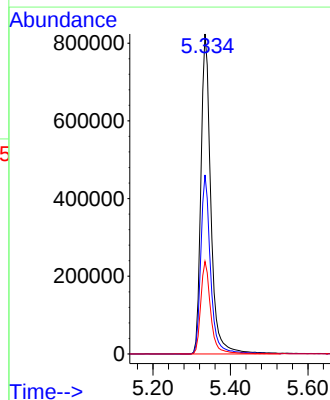
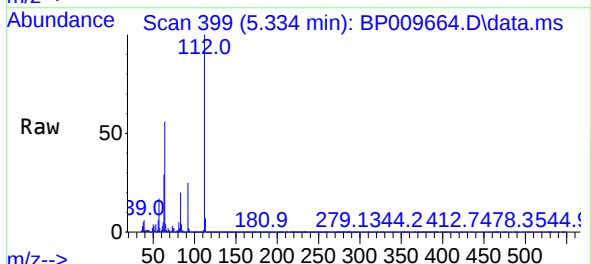
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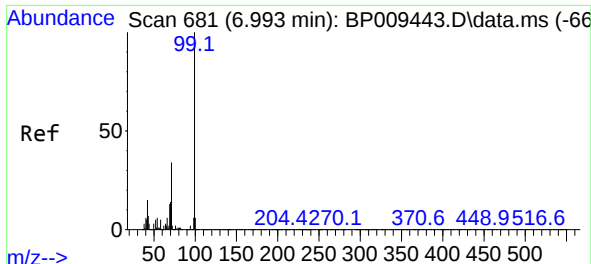
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#5
2-Fluorophenol
Concen: 102.497 ng
RT: 5.334 min Scan# 399
Delta R.T. -0.012 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

Tgt Ion:112 Resp: 1464240
Ion Ratio Lower Upper
112 100
64 56.0 45.0 67.4
63 28.9 23.0 34.6





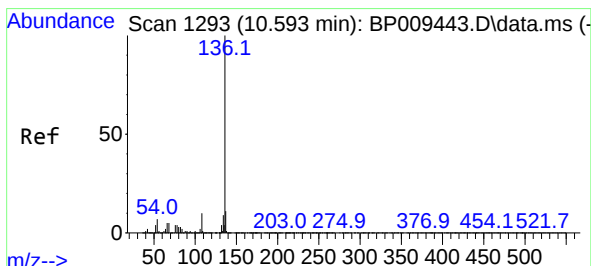
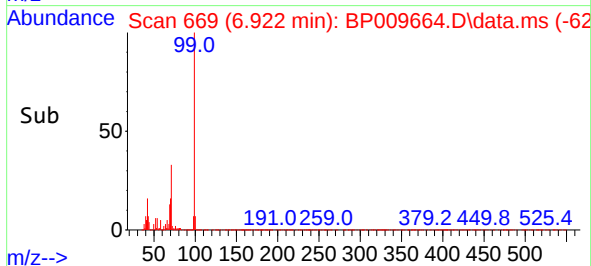
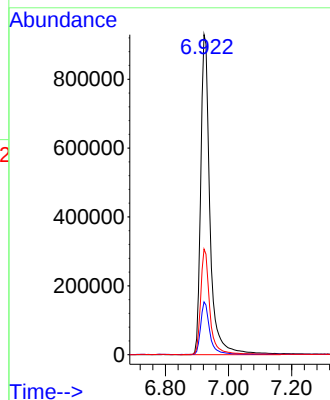
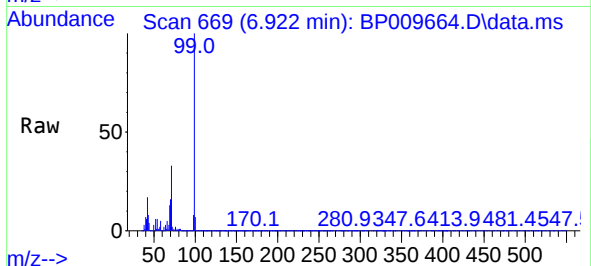
#7
Phenol-d6
Concen: 98.090 ng
RT: 6.922 min Scan# 60
Delta R.T. -0.012 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

Instrument :
BNA_P
ClientSampleId :
A10015

Tgt Ion: 99 Resp: 189503
Ion Ratio Lower Upper
99 100
42 16.5 12.8 19.2
71 33.0 26.3 39.5

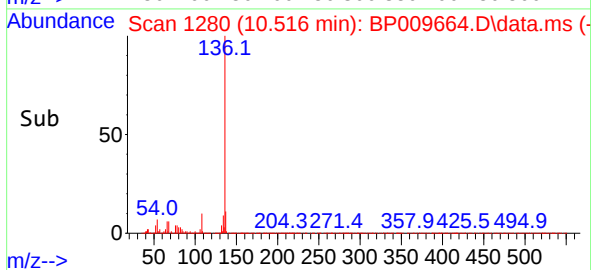
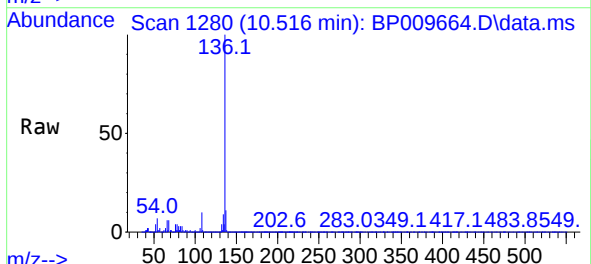
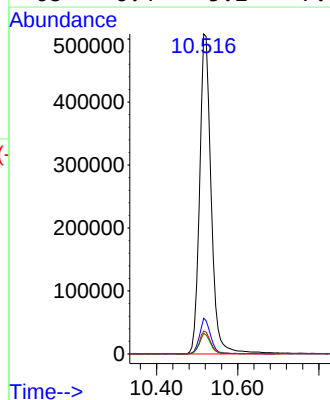
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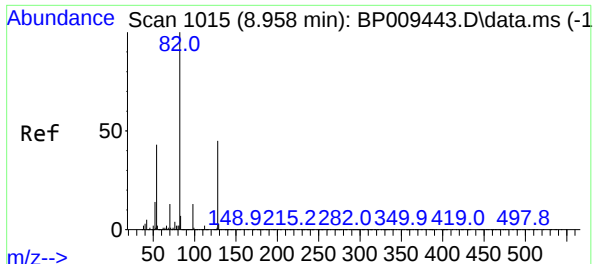
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1280
Delta R.T. -0.018 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

Tgt Ion:136 Resp: 1009765
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 7.2 5.8 8.8
68 6.4 5.2 7.8





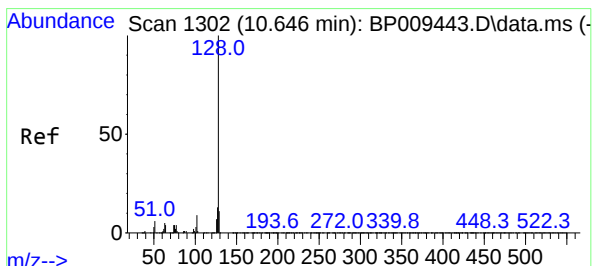
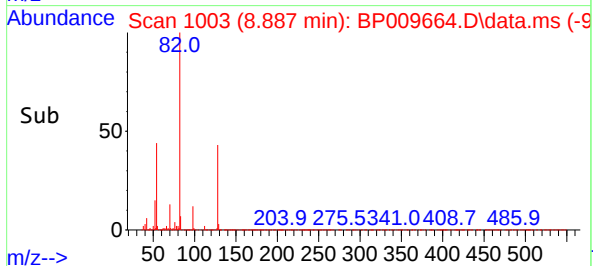
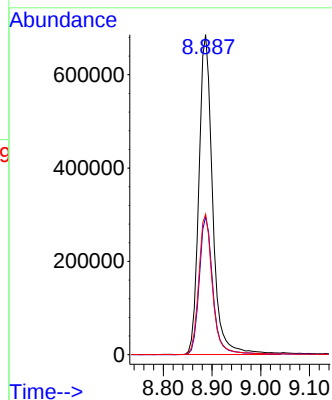
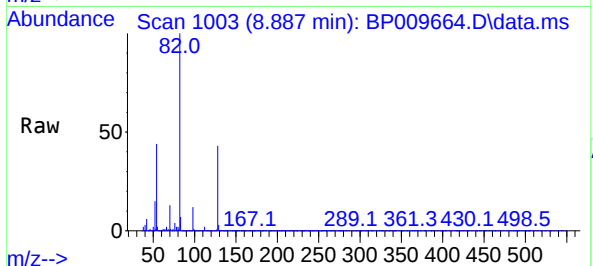
#23
Nitrobenzene-d5
Concen: 70.916 ng
RT: 8.887 min Scan# 1003
Delta R.T. -0.012 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

Instrument :
BNA_P
ClientSampleId :
A10015

Tgt Ion: 82 Resp: 1347534
Ion Ratio Lower Upper
82 100
128 43.1 34.2 51.4
54 43.9 34.7 52.1

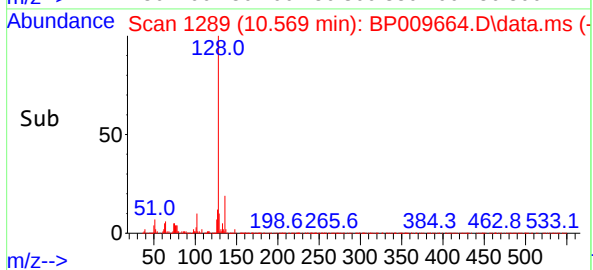
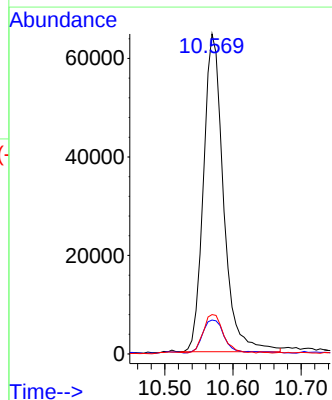
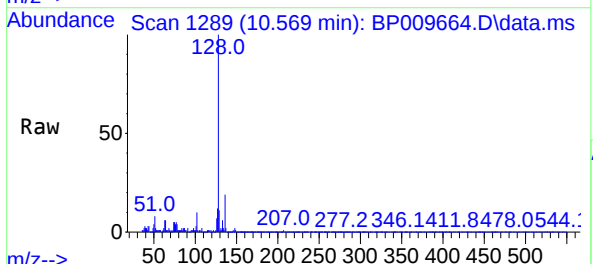
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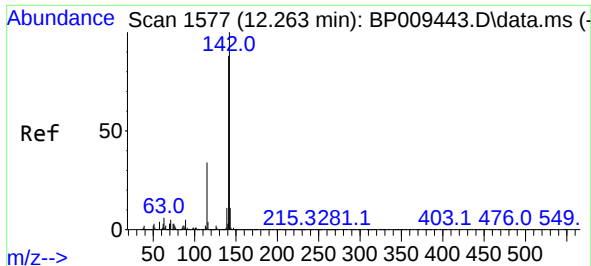
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#31
Naphthalene
Concen: 2.537 ng
RT: 10.569 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

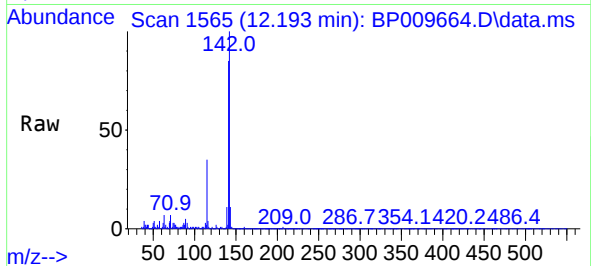
Tgt Ion:128 Resp: 131955
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 12.3 10.5 15.7





#37
2-Methylnaphthalene
Concen: 4.225 ng
RT: 12.193 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

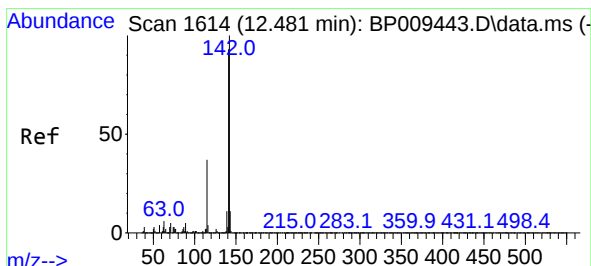
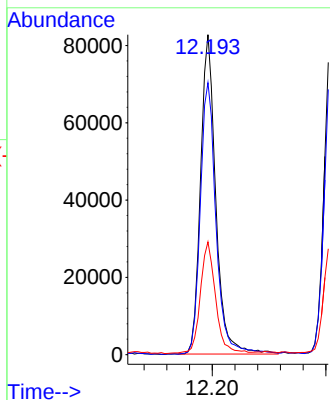
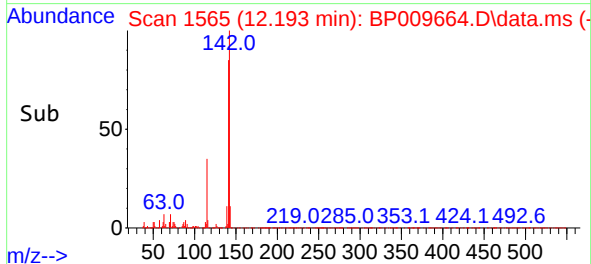
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ClientSampleId :
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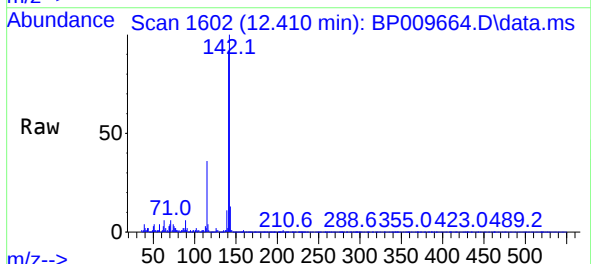
Tgt Ion:142 Resp: 15420
Ion Ratio Lower Upper
142 100
141 85.0 70.2 105.4
115 35.3 27.4 41.2

Manual Integrations
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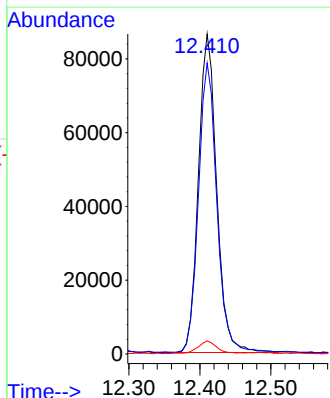
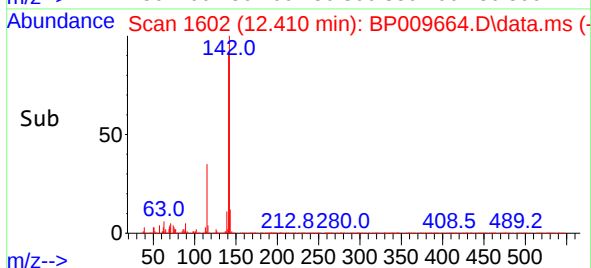
Reviewed By :Christian Giraldo 04/04/2022
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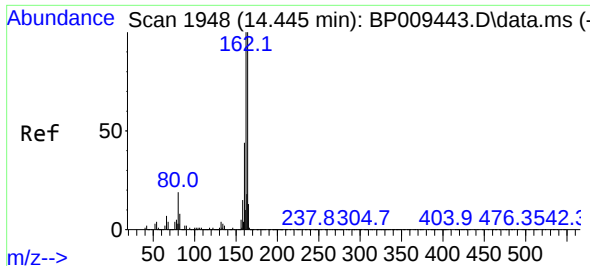


#38
1-Methylnaphthalene
Concen: 4.351 ng
RT: 12.410 min Scan# 1602
Delta R.T. -0.012 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38



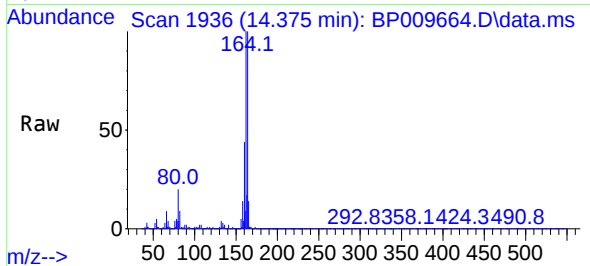
Tgt Ion:142 Resp: 154694
Ion Ratio Lower Upper
142 100
141 90.9 73.5 110.3
116 4.1 3.3 4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1936
Delta R.T. -0.018 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

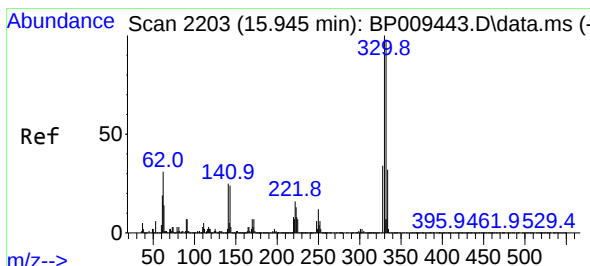
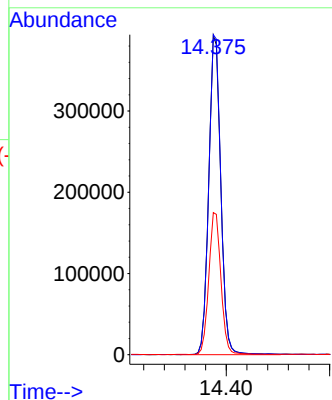
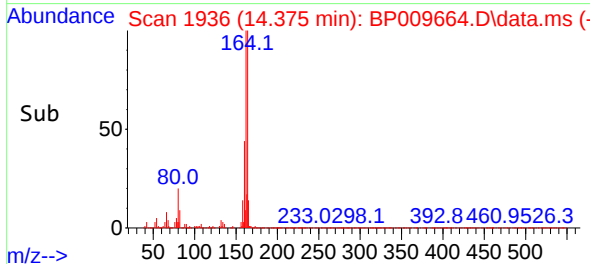
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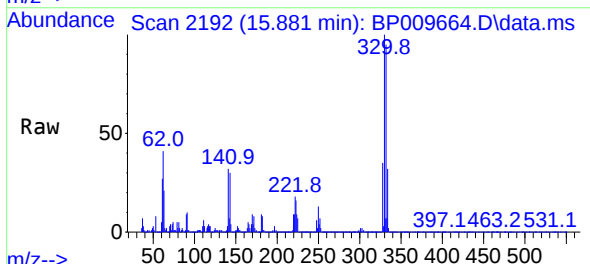
Tgt Ion:164 Resp: 632758
Ion Ratio Lower Upper
164 100
162 100.2 79.1 118.7
160 44.5 34.9 52.3

Manual Integrations
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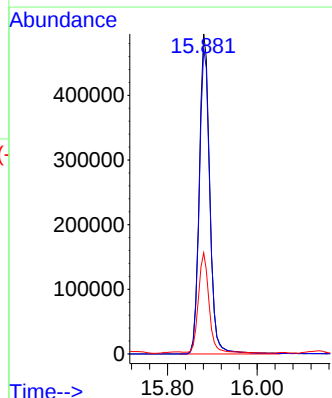
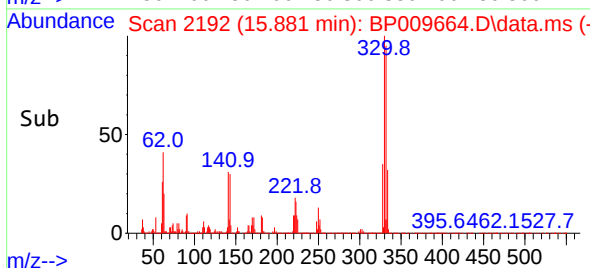
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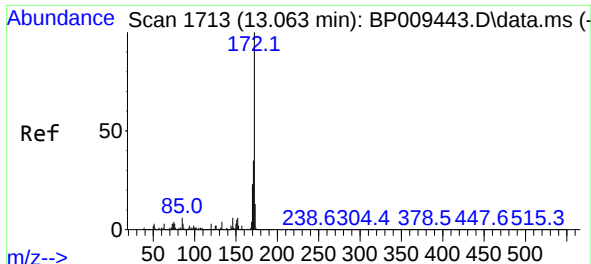


#42
2,4,6-Tribromophenol
Concen: 76.925 ng
RT: 15.881 min Scan# 2192
Delta R.T. -0.012 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38



Tgt Ion:330 Resp: 803218
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.6
141 32.2 27.6 41.4





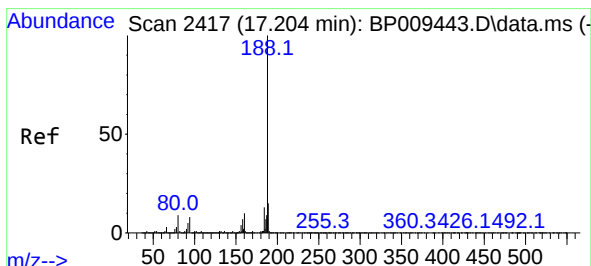
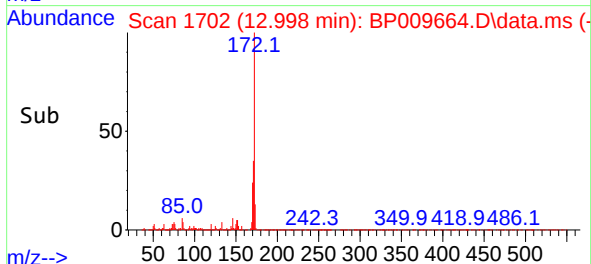
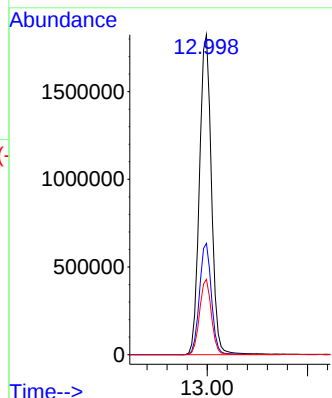
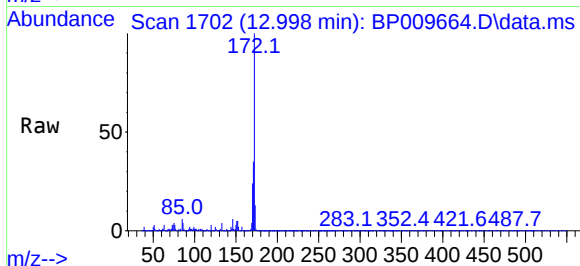
#45
2-Fluorobiphenyl
Concen: 66.189 ng
RT: 12.998 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

Instrument :
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ClientSampleId :
A10015

Tgt Ion:172 Resp: 3021139
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 23.5 18.6 27.8

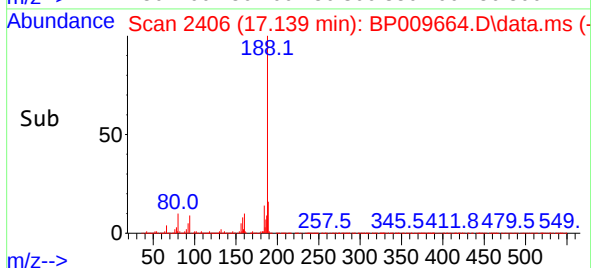
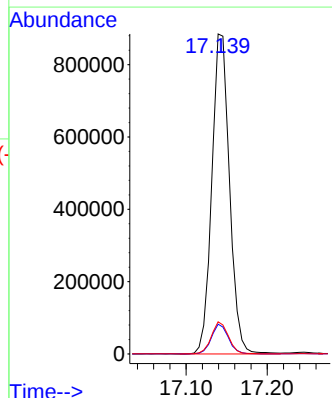
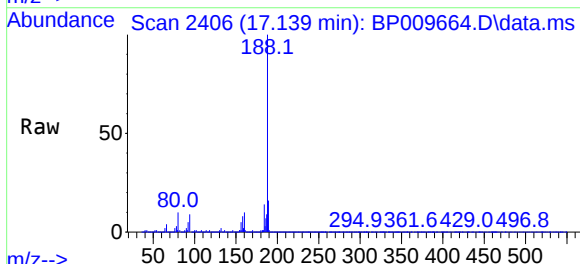
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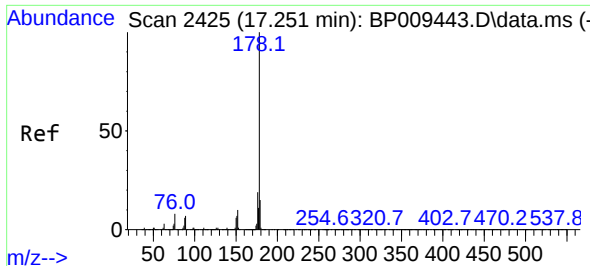
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. -0.018 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

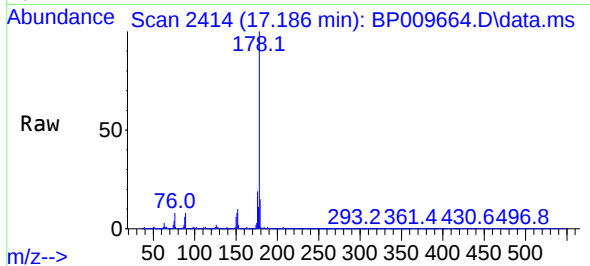
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Ion Ratio Lower Upper
188 100
94 9.3 7.9 11.9
80 10.0 8.8 13.2





#71
Phenanthrene
Concen: 12.034 ng
RT: 17.186 min Scan# 2425
Delta R.T. -0.012 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

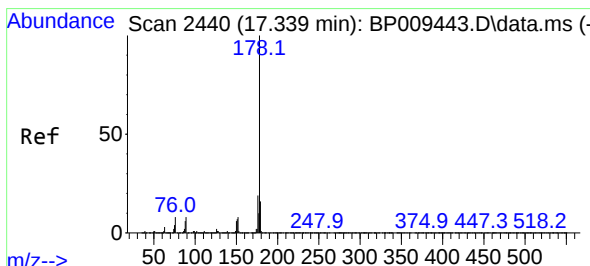
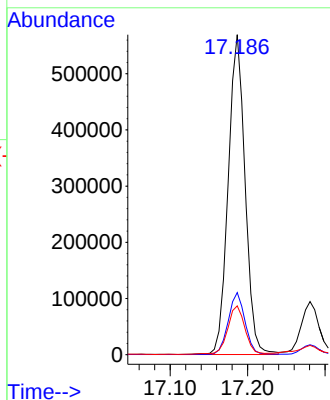
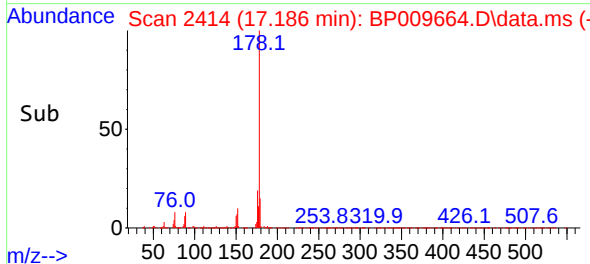
Instrument :
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A10015



Tgt Ion:178 Resp: 862418
Ion Ratio Lower Upper
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176 19.4 15.4 23.2
179 15.3 12.3 18.5

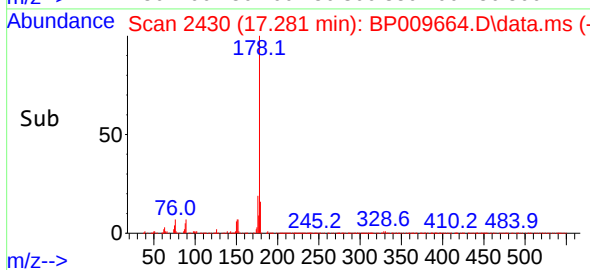
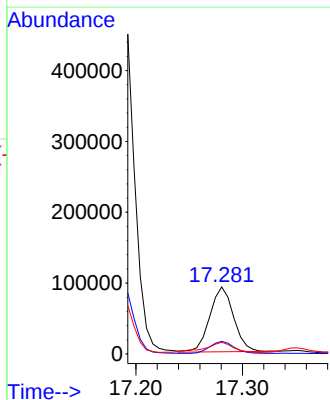
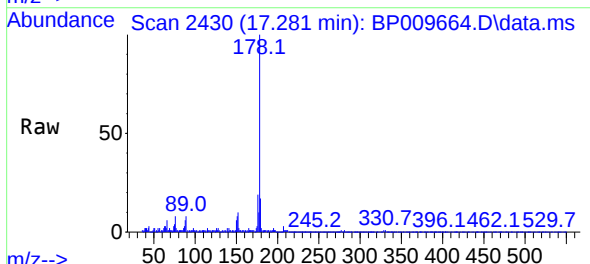
Manual Integrations
APPROVED

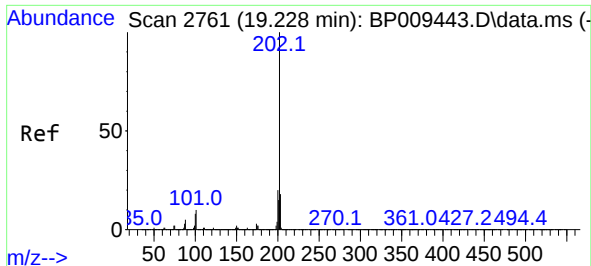
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#72
Anthracene
Concen: 2.008 ng
RT: 17.281 min Scan# 2430
Delta R.T. -0.012 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

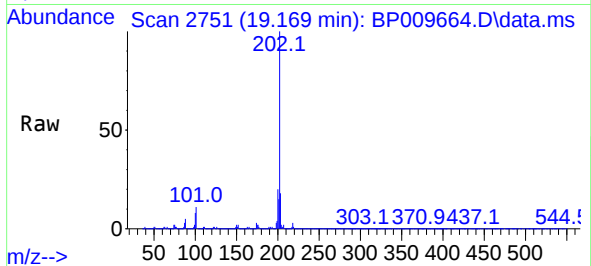
Tgt Ion:178 Resp: 142116
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 17.4 12.2 18.4





#75
Fluoranthene
Concen: 15.468 ng
RT: 19.169 min Scan# 2107
Delta R.T. -0.012 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

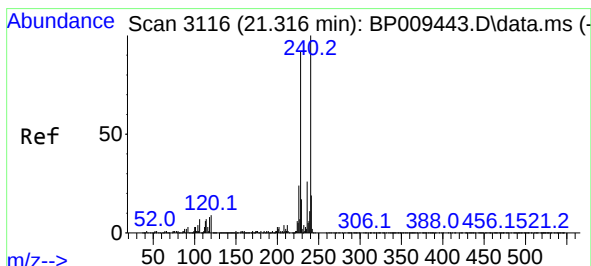
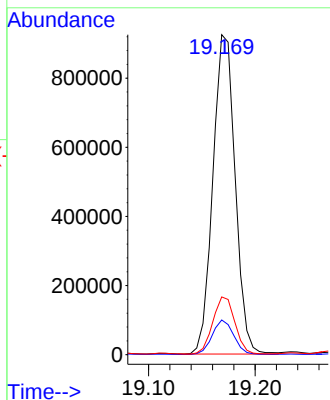
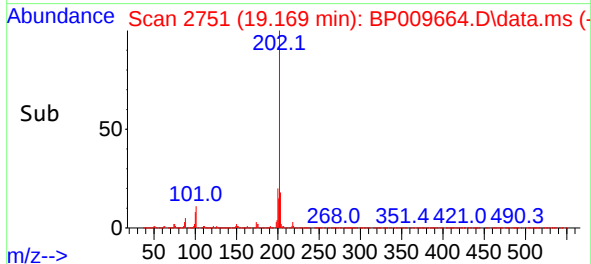
Instrument :
BNA_P
ClientSampleId :
A10015



Tgt Ion:202 Resp: 1342070
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.5
203 18.1 0.0 37.8

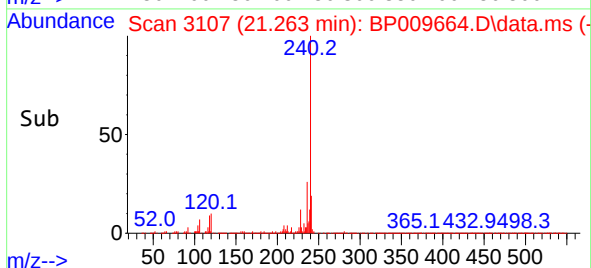
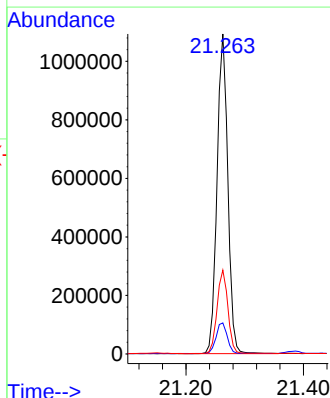
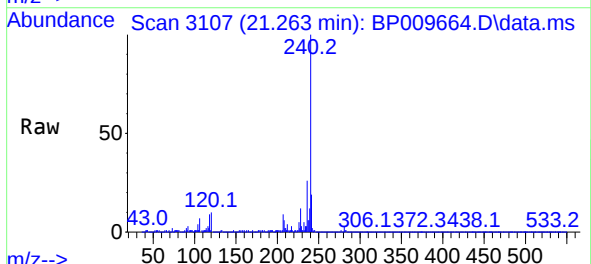
Manual Integrations
APPROVED

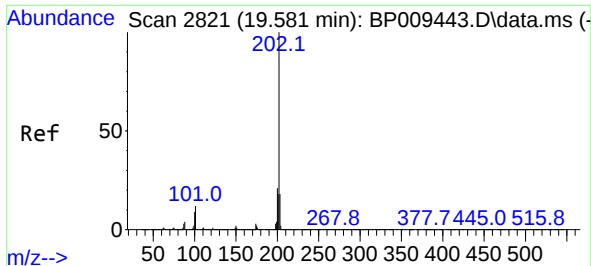
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.263 min Scan# 3107
Delta R.T. -0.012 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

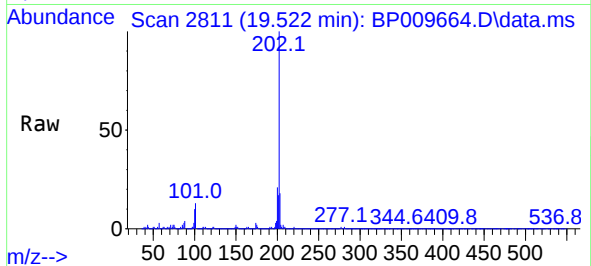
Tgt Ion:240 Resp: 1387316
Ion Ratio Lower Upper
240 100
120 9.7 9.0 13.4
236 26.2 20.6 30.8





#78
Pyrene
Concen: 12.871 ng
RT: 19.522 min Scan# 2811
Delta R.T. -0.018 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

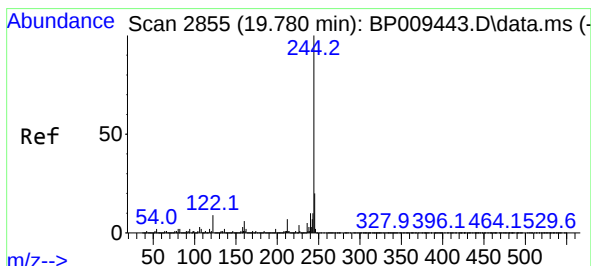
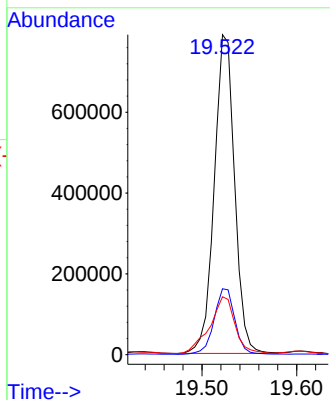
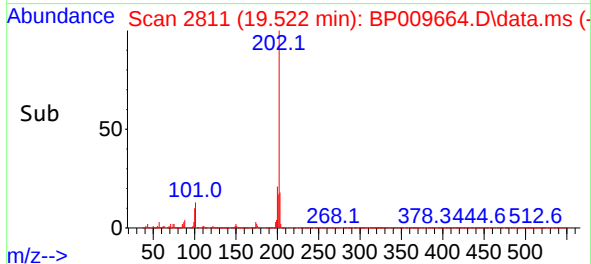
Instrument :
BNA_P
ClientSampleId :
A10015



Tgt Ion:202 Resp: 1176639
Ion Ratio Lower Upper
202 100
200 20.6 16.8 25.2
203 18.1 14.2 21.4

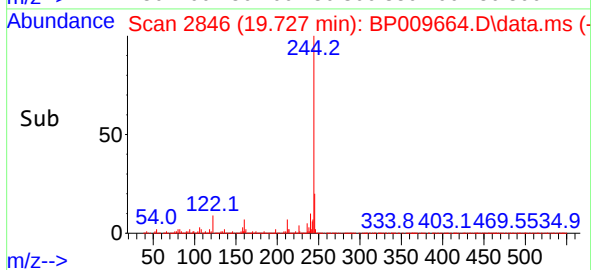
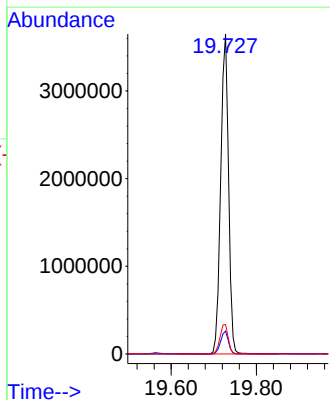
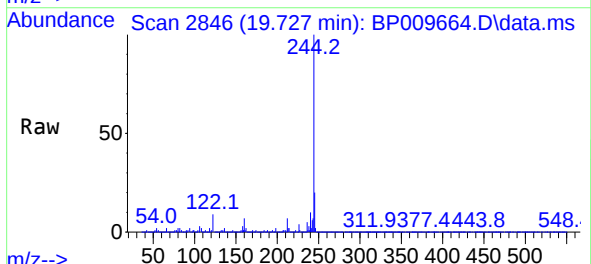
Manual Integrations
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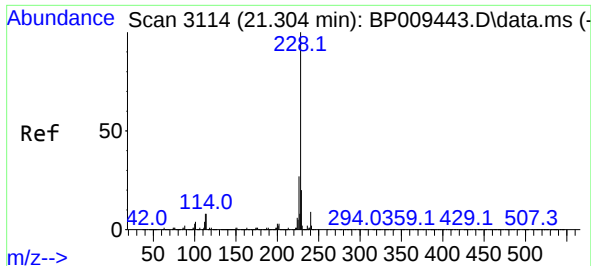
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#79
Terphenyl-d14
Concen: 60.265 ng
RT: 19.727 min Scan# 2846
Delta R.T. -0.012 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

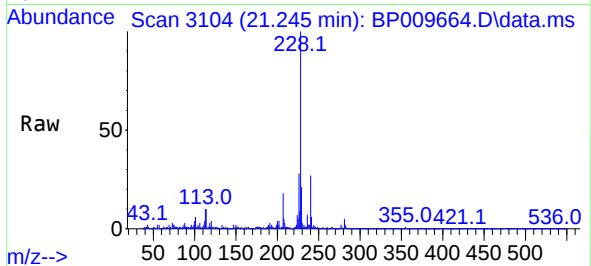
Tgt Ion:244 Resp: 4658059
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 9.2 8.3 12.5





#81
Benzo(a)anthracene
Concen: 8.125 ng
RT: 21.245 min Scan# 3114
Delta R.T. -0.018 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

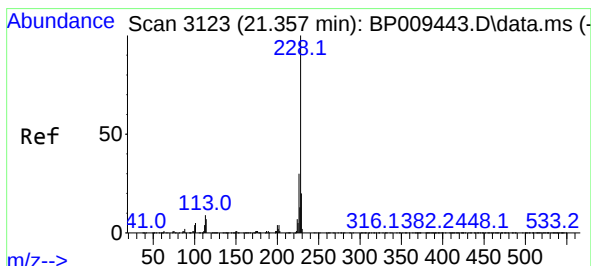
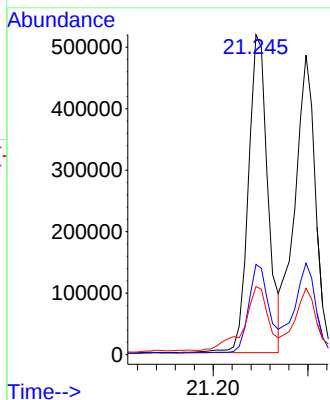
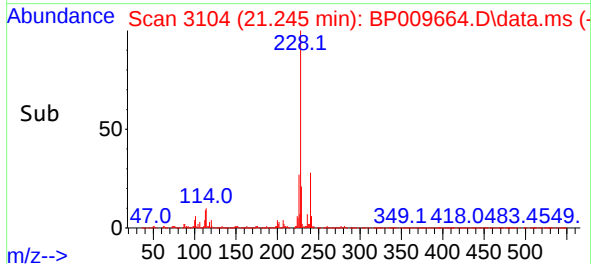
Instrument :
BNA_P
ClientSampleId :
A10015



Tgt Ion:228 Resp: 740524
Ion Ratio Lower Upper
228 100
226 28.2 22.0 33.0
229 21.3 16.1 24.1

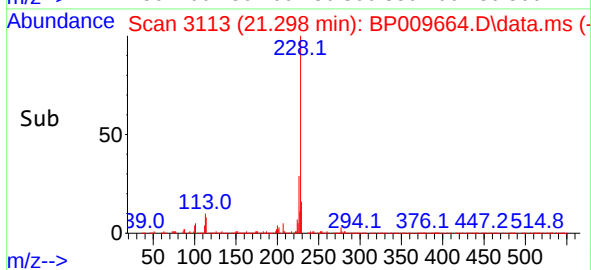
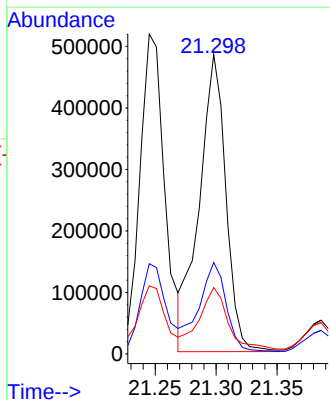
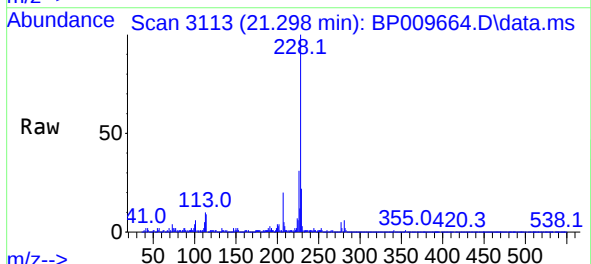
Manual Integrations
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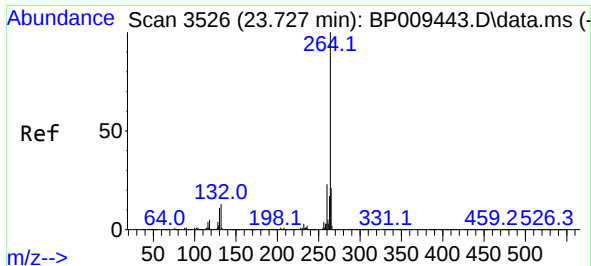
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#83
Chrysene
Concen: 8.550 ng
RT: 21.298 min Scan# 3113
Delta R.T. -0.012 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

Tgt Ion:228 Resp: 737893
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.2
229 22.2 16.1 24.1





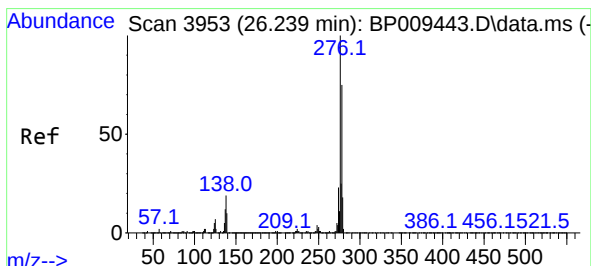
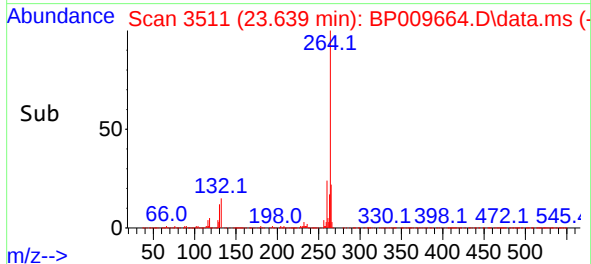
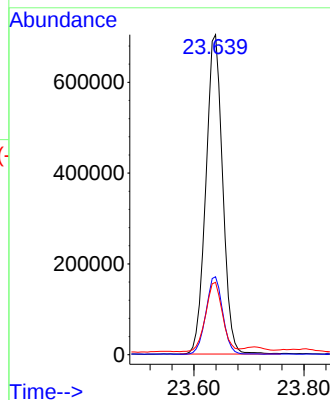
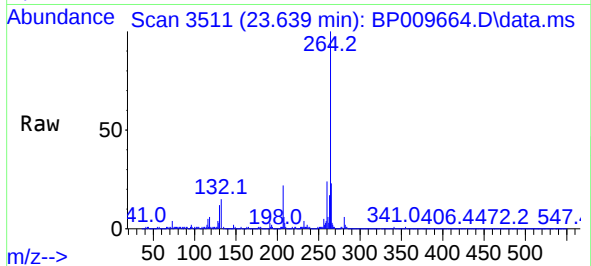
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.639 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

Instrument :
BNA_P
ClientSampleId :
A10015

Tgt Ion:264 Resp: 1494915
Ion Ratio Lower Upper
264 100
260 24.4 19.4 29.0
265 22.6 17.2 25.8

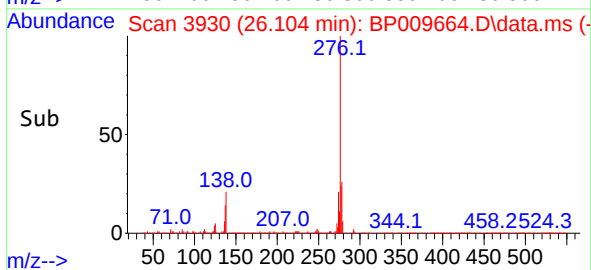
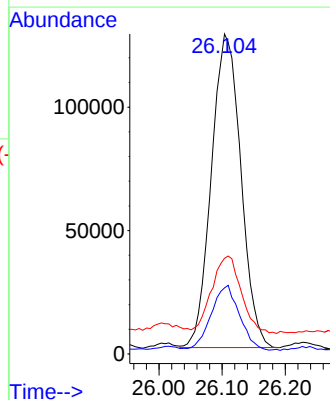
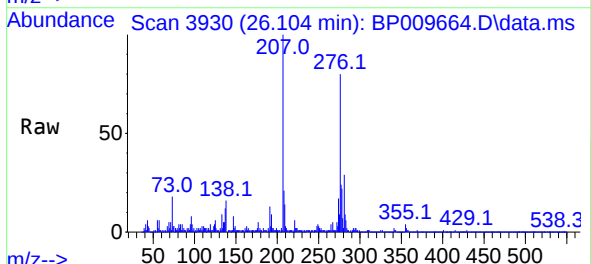
Manual Integrations
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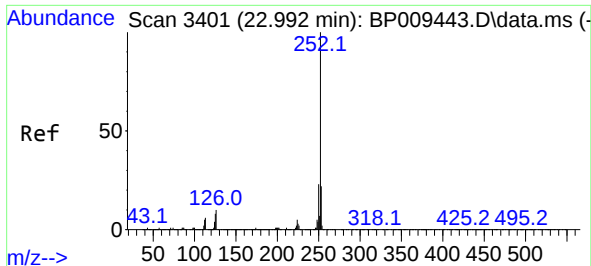
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.639 ng
RT: 26.104 min Scan# 3930
Delta R.T. -0.035 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

Tgt Ion:276 Resp: 412756
Ion Ratio Lower Upper
276 100
138 20.4 20.5 30.7#
277 24.8 20.4 30.6





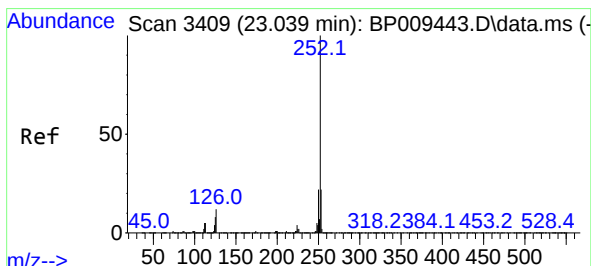
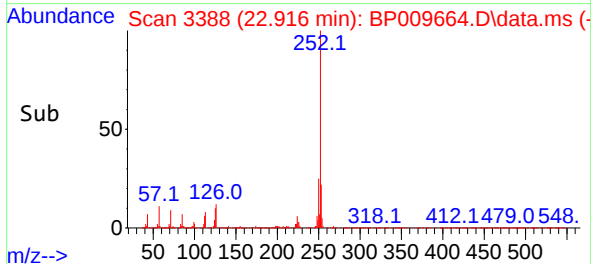
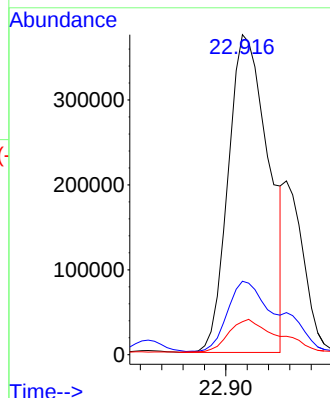
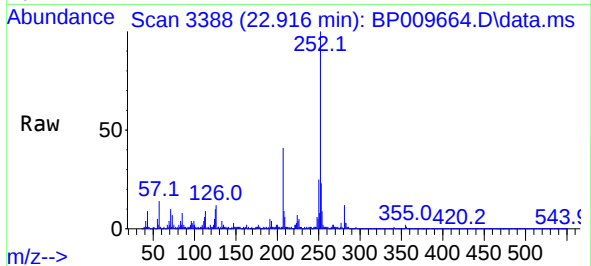
#88
Benzo(b)fluoranthene
Concen: 11.044 ng m
RT: 22.916 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

Instrument :
BNA_P
ClientSampleId :
A10015

Tgt Ion:252 Resp: 98560
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 10.3 8.1 12.1

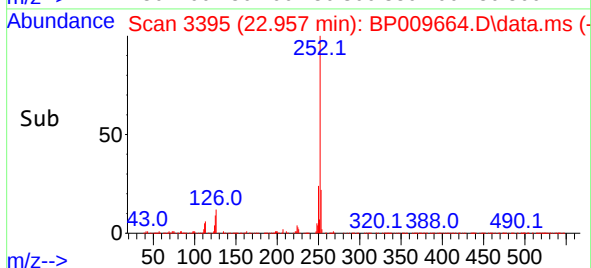
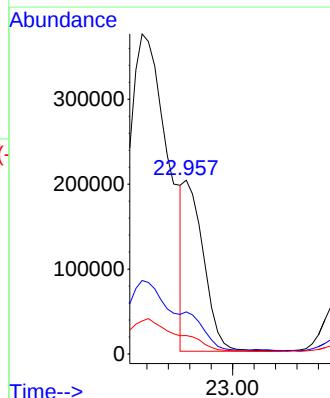
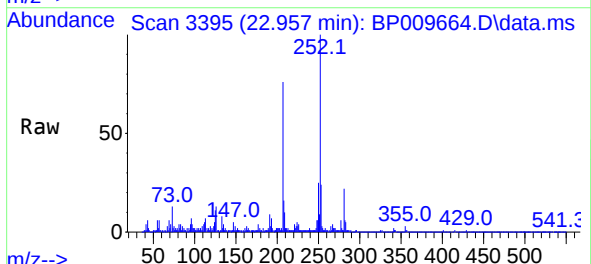
Manual Integrations
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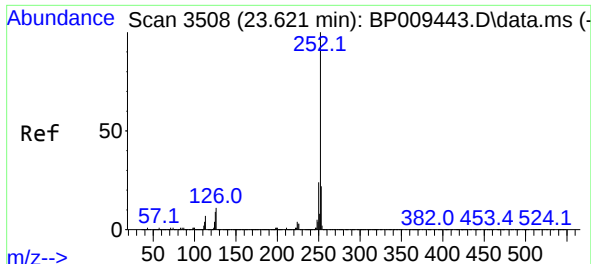
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#89
Benzo(k)fluoranthene
Concen: 2.968 ng m
RT: 22.957 min Scan# 3395
Delta R.T. -0.023 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

Tgt Ion:252 Resp: 259367
Ion Ratio Lower Upper
252 100
253 24.2 17.5 26.3
125 10.6 8.3 12.5





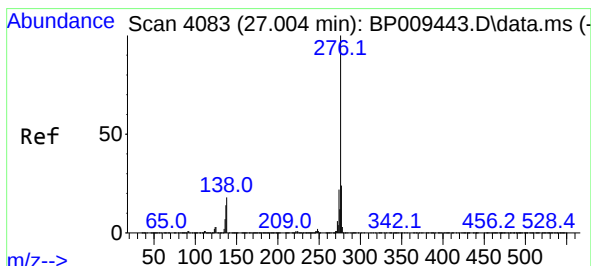
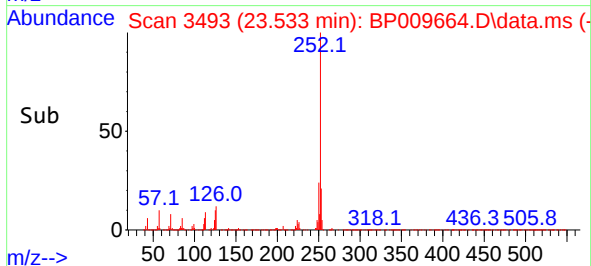
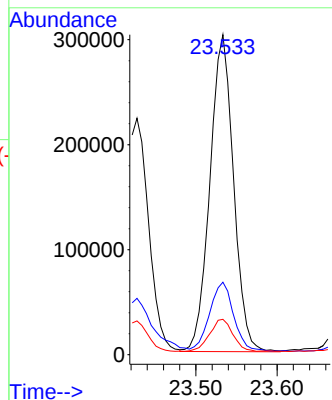
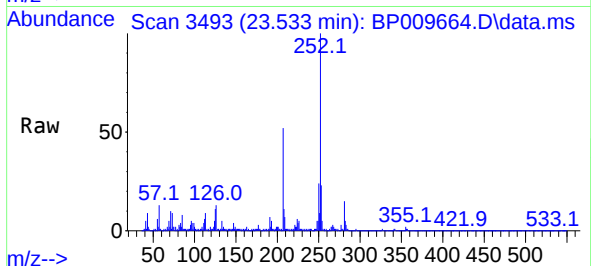
#90
Benzo(a)pyrene
Concen: 8.002 ng
RT: 23.533 min Scan# 34
Delta R.T. -0.018 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

Instrument :
BNA_P
ClientSampleId :
A10015

Tgt Ion:252 Resp: 611015
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 11.0 9.3 13.9

Manual Integrations
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Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#92
Benzo(g,h,i)perylene
Concen: 4.451 ng
RT: 26.862 min Scan# 4059
Delta R.T. -0.035 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

Tgt Ion:276 Resp: 413845
Ion Ratio Lower Upper
276 100
277 29.3 19.2 28.8#
138 19.7 18.0 27.0

