

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
 Data File : BP009401.D
 Acq On : 15 Mar 2022 16:49
 Operator : CG/JU
 Sample : N1908-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-8-9-1

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/16/2022
 Supervised By : Jagrut Upadhyay 03/16/2022

Quant Time: Mar 16 01:57:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 01:55:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	320773	20.00	ng	-0.01
21) Naphthalene-d8	10.605	136	1275443	20.00	ng	#-0.01
39) Acenaphthene-d10	14.457	164	839138	20.00	ng	0.00
64) Phenanthrene-d10	17.216	188	1727516	20.00	ng	0.00
76) Chrysene-d12	21.328	240	1834649	20.00	ng	0.00
86) Perylene-d12	23.739	264	1966633	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	2129037	96.88	ng	0.01
7) Phenol-d6	7.005	99	2563159	91.78	ng	0.02
23) Nitrobenzene-d5	8.969	82	1706704	73.70	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	1471903	145.26	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	4027755	66.01	ng	-0.01
79) Terphenyl-d14	19.792	244	6823029	70.18	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.034	94	68504	2.37	ng	81
71) Phenanthrene	17.257	178	311516	3.14	ng	# 85
75) Fluoranthene	19.239	202	664499	5.80	ng	95
78) Pyrene	19.592	202	810934	6.55	ng	# 95
81) Benzo(a)anthracene	21.310	228	497537	4.00	ng	# 90
83) Chrysene	21.363	228	502143	4.16	ng	# 91
88) Benzo(b)fluoranthene	23.004	252	641596m	4.83	ng	
89) Benzo(k)fluoranthene	23.045	252	284290m	2.24	ng	
90) Benzo(a)pyrene	23.627	252	522526	4.15	ng	# 89
92) Benzo(g,h,i)perylene	27.010	276	450163	3.52	ng	96

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

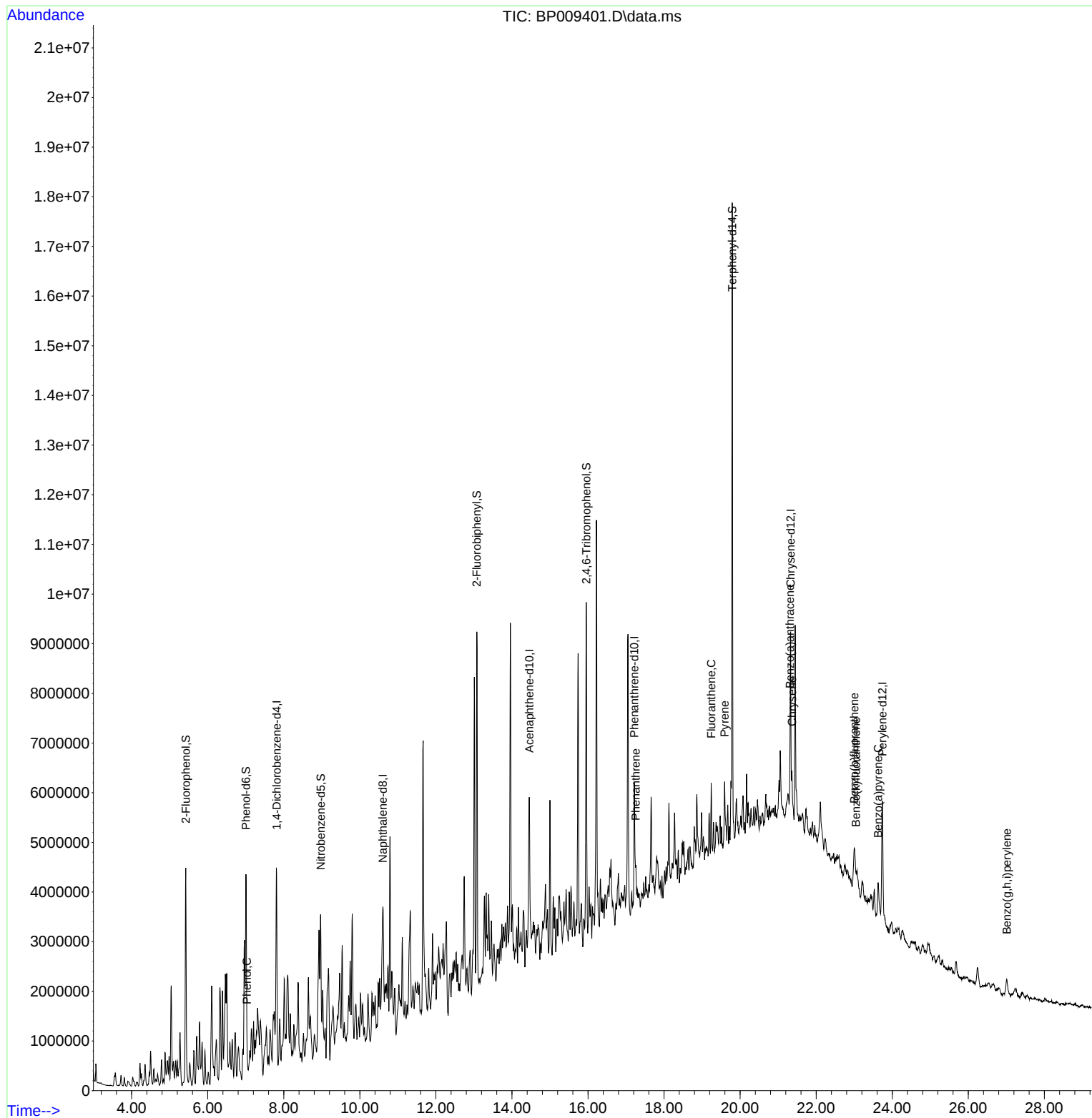
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009401.D
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ALS Vial : 5 Sample Multiplier: 1

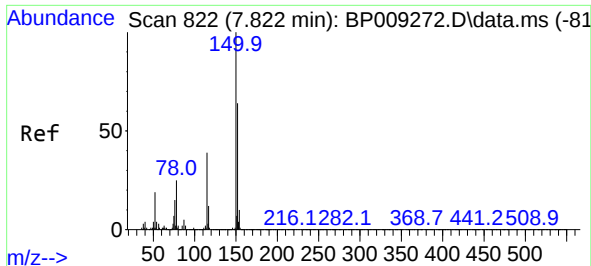
Instrument :
BNA_P
ClientSampleId :
WC-8-9-1

Quant Time: Mar 16 01:57:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 05 01:55:59 2022
Response via : Initial Calibration

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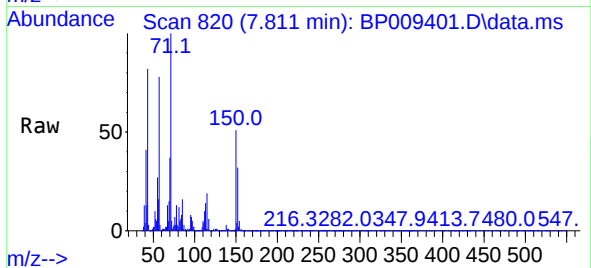
Reviewed By : Christian Giraldo 03/16/2022
Supervised By : Jagrut Upadhyay 03/16/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.811 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP009401.D
Acq: 15 Mar 2022 16:49

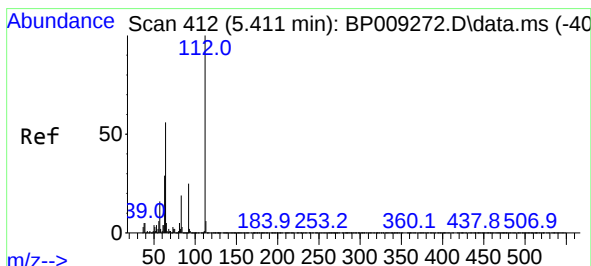
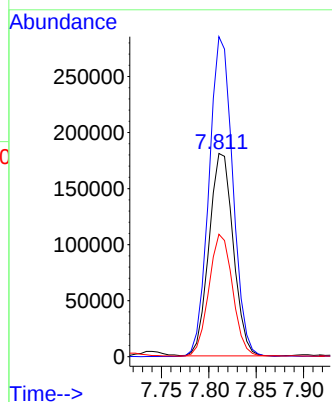
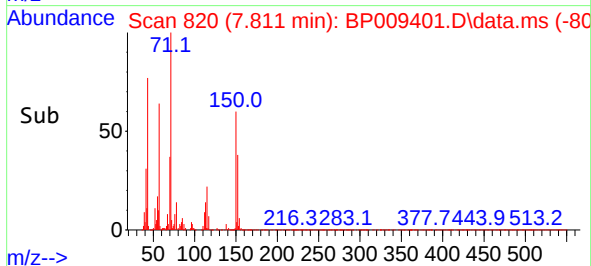
Instrument :
BNA_P
ClientSampleId :
WC-8-9-1



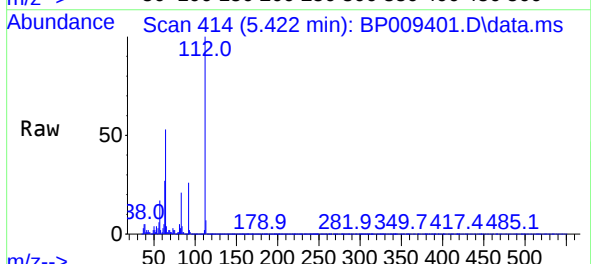
Tgt Ion:152 Resp: 32077
Ion Ratio Lower Upper
152 100
150 157.4 124.5 186.7
115 60.2 48.2 72.4

Manual Integrations
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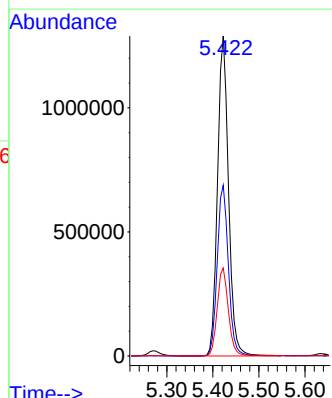
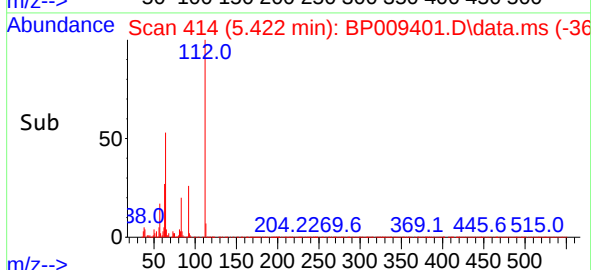
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

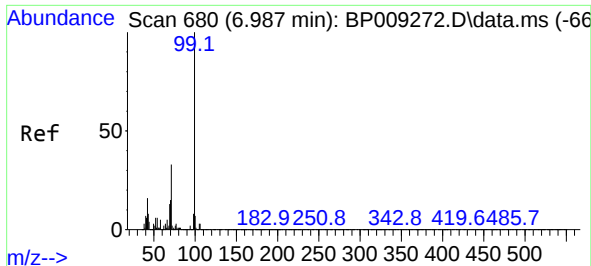


#5
2-Fluorophenol
Concen: 96.88 ng
RT: 5.422 min Scan# 414
Delta R.T. 0.011 min
Lab File: BP009401.D
Acq: 15 Mar 2022 16:49



Tgt Ion:112 Resp: 2129037
Ion Ratio Lower Upper
112 100
64 53.4 45.0 67.4
63 27.5 23.0 34.6





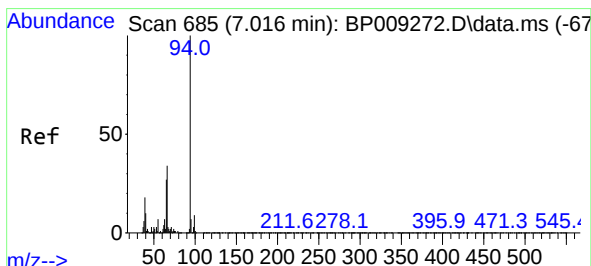
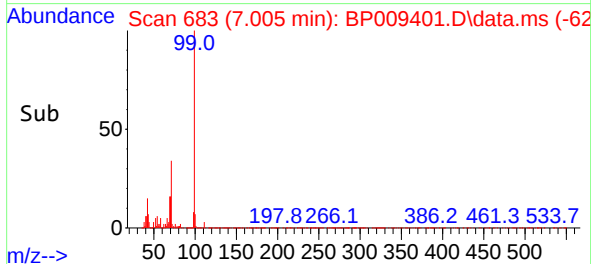
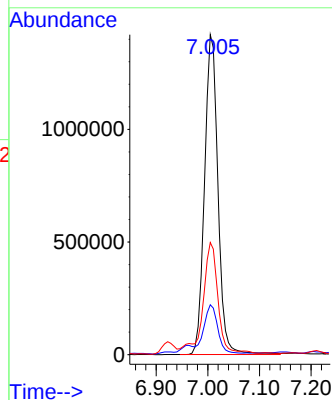
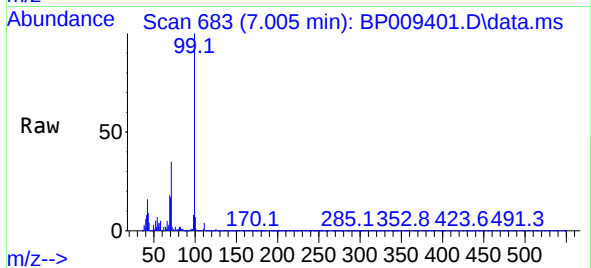
#7
Phenol-d6
Concen: 91.78 ng
RT: 7.005 min Scan# 680
Delta R.T. 0.018 min
Lab File: BP009401.D
Acq: 15 Mar 2022 16:49

Instrument :
BNA_P
Client Sample Id :
WC-8-9-1

Tgt Ion: 99 Resp: 2563159
Ion Ratio Lower Upper
99 100
42 15.6 12.8 19.2
71 35.1 26.3 39.5

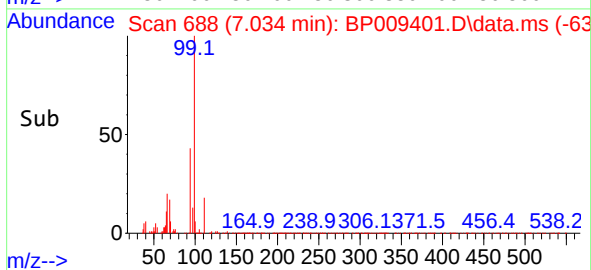
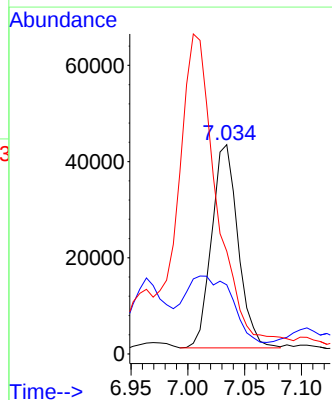
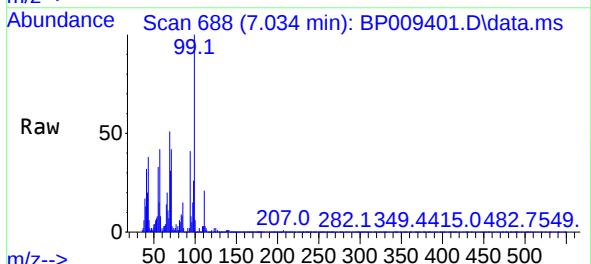
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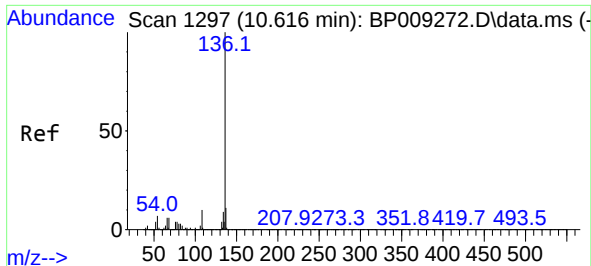
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#10
Phenol
Concen: 2.37 ng
RT: 7.034 min Scan# 688
Delta R.T. 0.018 min
Lab File: BP009401.D
Acq: 15 Mar 2022 16:49

Tgt Ion: 94 Resp: 68504
Ion Ratio Lower Upper
94 100
65 33.0 7.2 47.2
66 49.1 14.3 54.3





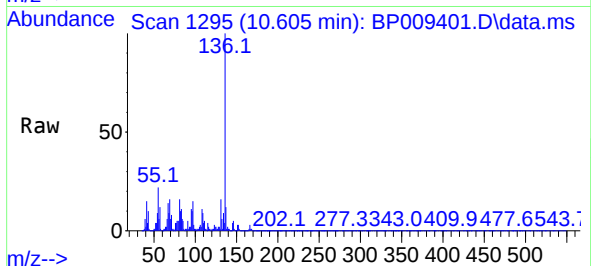
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.605 min Scan# 1017
Delta R.T. -0.011 min
Lab File: BP009401.D
Acq: 15 Mar 2022 16:49

Instrument :

BNA_P

ClientSampleId :

WC-8-9-1



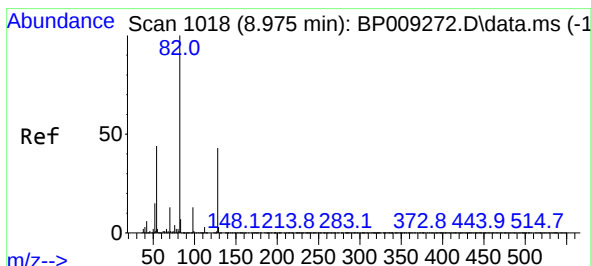
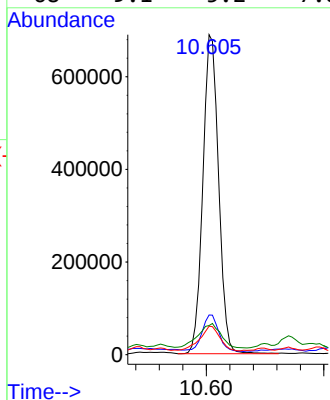
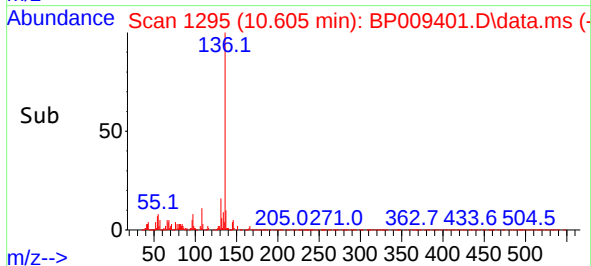
Tgt Ion: 136 Resp: 127544

Ion	Ratio	Lower	Upper
136	100		
137	12.4	8.6	12.8
54	8.9	5.8	8.8
68	9.1	5.2	7.8

Manual Integrations

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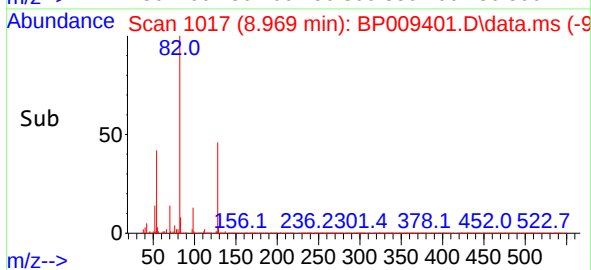
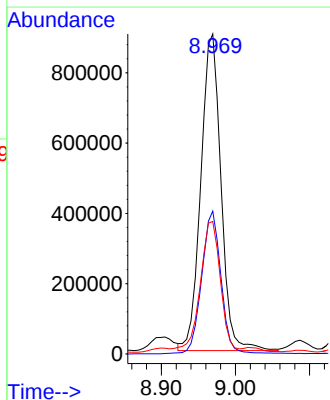
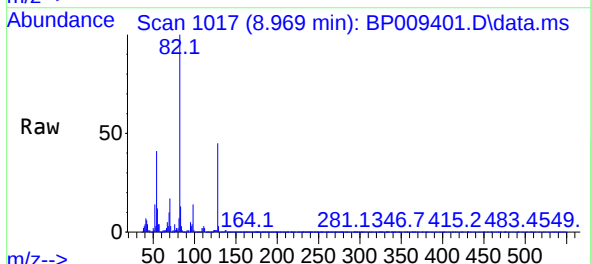
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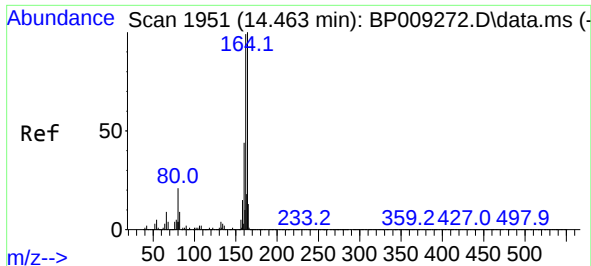


#23
Nitrobenzene-d5
Concen: 73.70 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP009401.D
Acq: 15 Mar 2022 16:49

Tgt Ion: 82 Resp: 1706704

Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.2	51.4
54	41.4	34.7	52.1





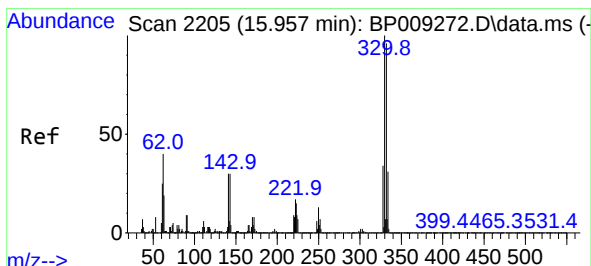
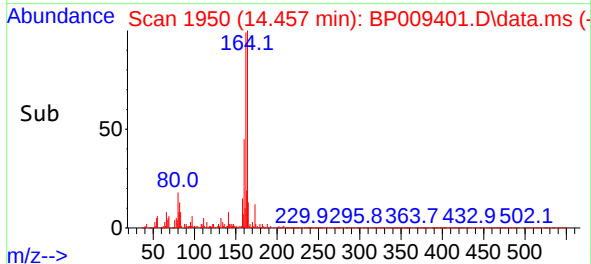
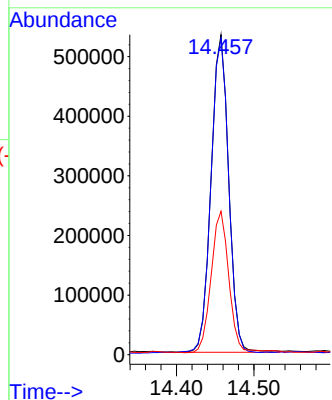
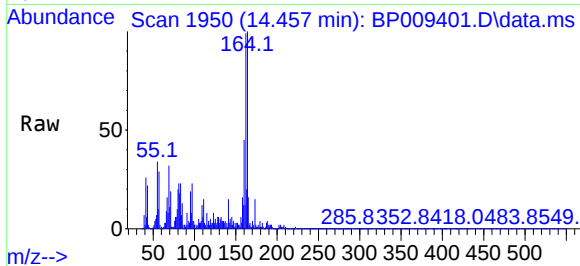
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP009401.D
Acq: 15 Mar 2022 16:49

Instrument :
BNA_P
Client Sample Id :
WC-8-9-1

Tgt Ion:164 Resp: 839138
Ion Ratio Lower Upper
164 100
162 98.8 79.1 118.7
160 44.8 34.9 52.3

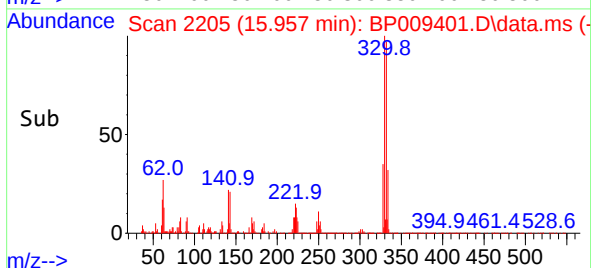
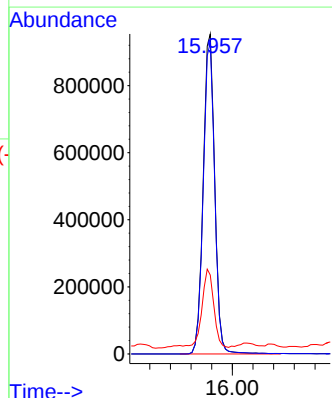
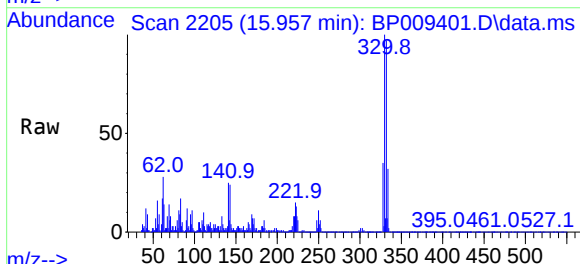
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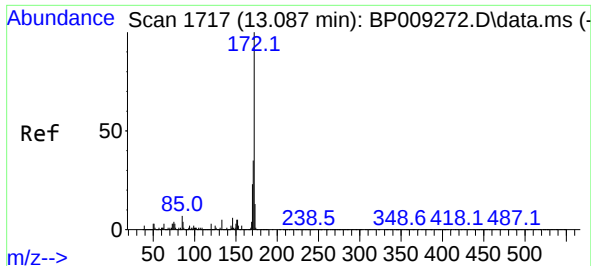
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#42
2,4,6-Tribromophenol
Concen: 145.26 ng
RT: 15.957 min Scan# 2205
Delta R.T. 0.000 min
Lab File: BP009401.D
Acq: 15 Mar 2022 16:49

Tgt Ion:330 Resp: 1471903
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.6
141 24.8 27.6 41.4#





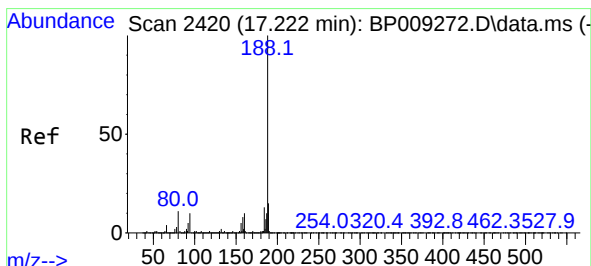
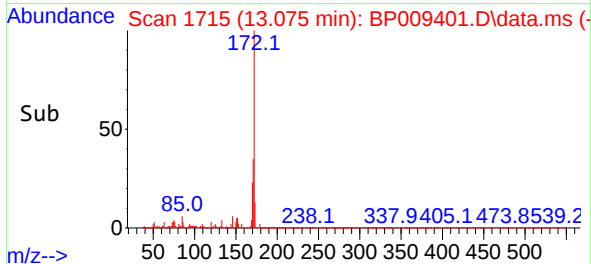
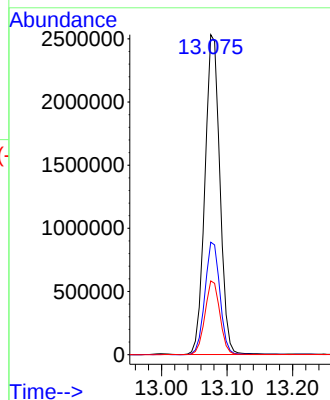
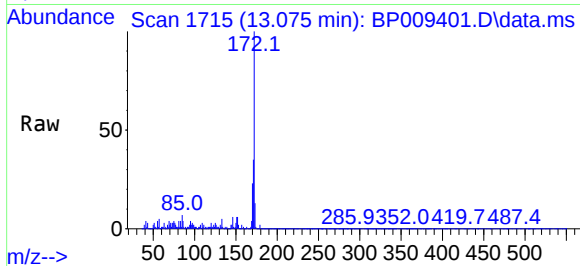
#45
2-Fluorobiphenyl
Concen: 66.01 ng
RT: 13.075 min Scan# 1715
Delta R.T. -0.012 min
Lab File: BP009401.D
Acq: 15 Mar 2022 16:49

Instrument :
BNA_P
ClientSampleId :
WC-8-9-1

Tgt Ion:172 Resp: 402775
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 23.0 18.6 27.8

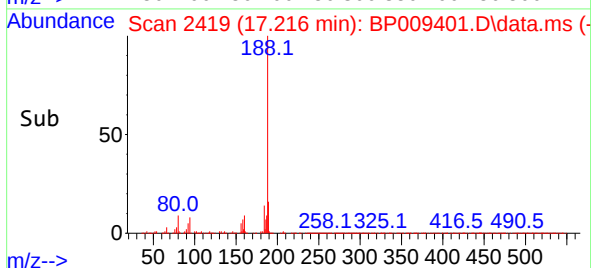
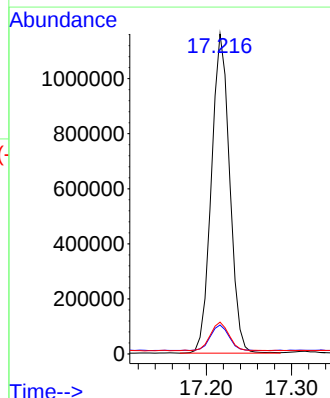
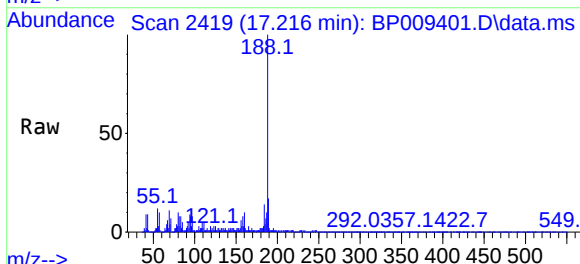
Manual Integrations
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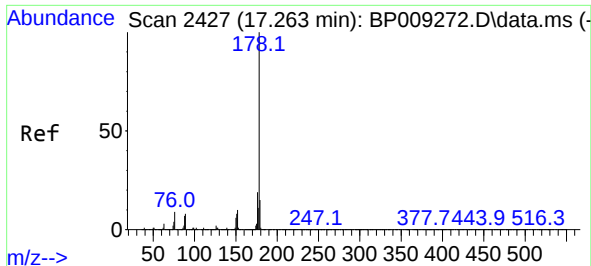
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP009401.D
Acq: 15 Mar 2022 16:49

Tgt Ion:188 Resp: 1727516
Ion Ratio Lower Upper
188 100
94 9.0 7.9 11.9
80 10.0 8.8 13.2





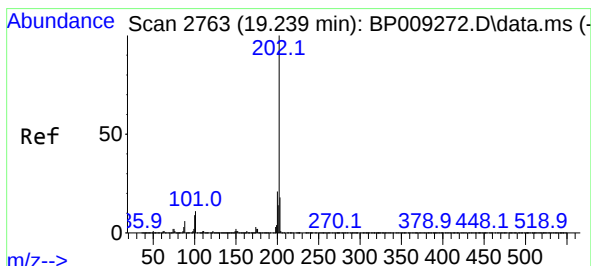
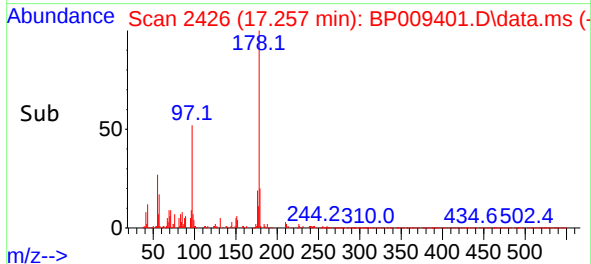
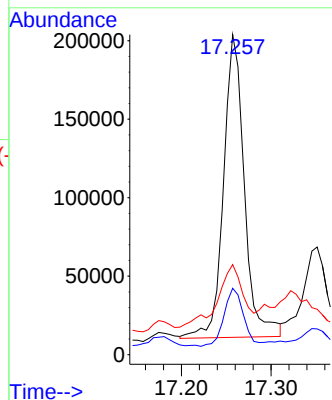
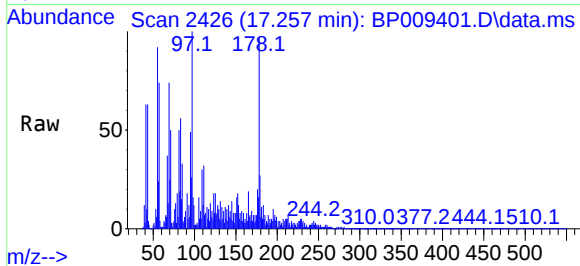
#71
Phenanthrene
Concen: 3.14 ng
RT: 17.257 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BP009401.D
Acq: 15 Mar 2022 16:49

Instrument :
BNA_P
Client Sample Id :
WC-8-9-1

Tgt Ion:178 Resp: 311510
Ion Ratio Lower Upper
178 100
176 20.8 15.4 23.2
179 28.2 12.3 18.5

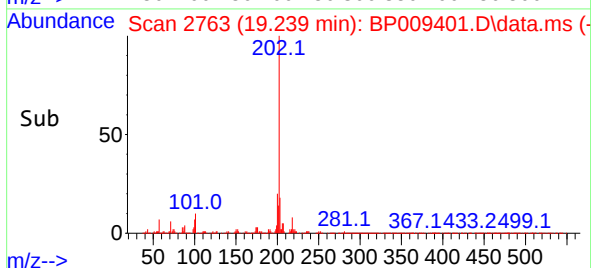
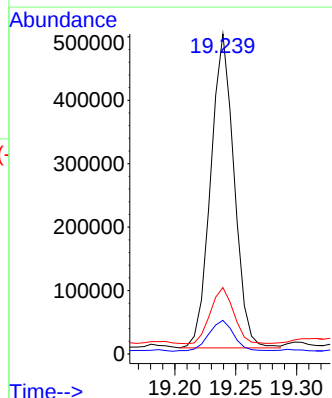
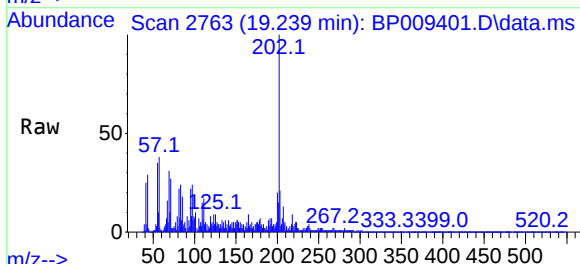
Manual Integrations
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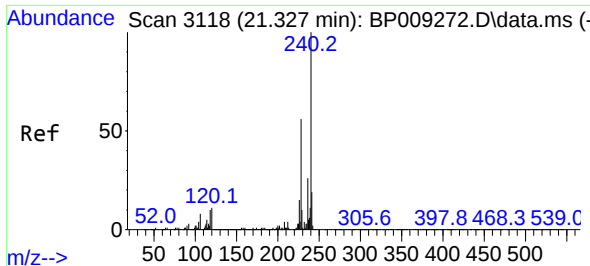
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#75
Fluoranthene
Concen: 5.80 ng
RT: 19.239 min Scan# 2763
Delta R.T. 0.000 min
Lab File: BP009401.D
Acq: 15 Mar 2022 16:49

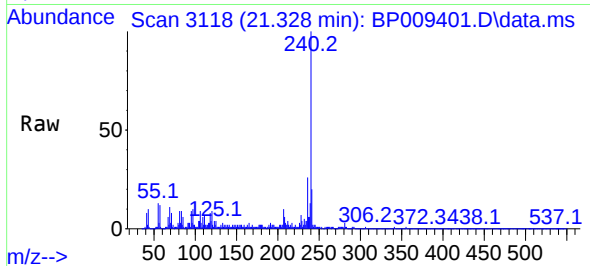
Tgt Ion:202 Resp: 664499
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.5
203 20.7 0.0 37.8





#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.328 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BP009401.D
Acq: 15 Mar 2022 16:49

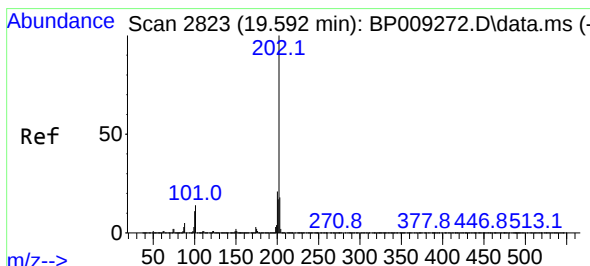
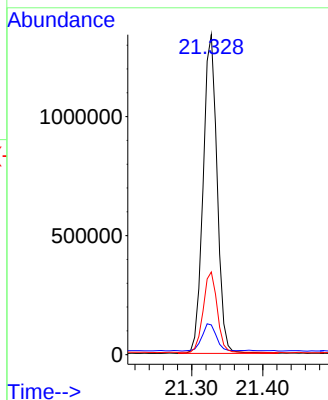
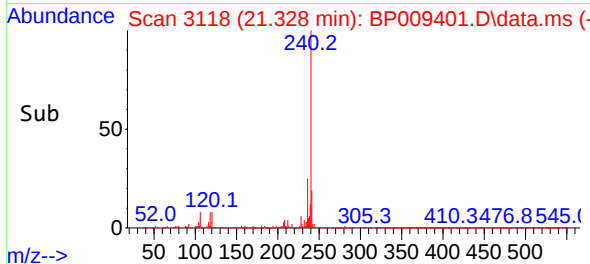
Instrument :
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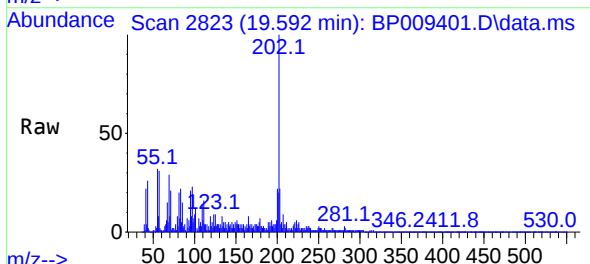
Tgt Ion:240 Resp: 1834649
Ion Ratio Lower Upper
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120 9.3 9.0 13.4
236 25.8 20.6 30.8

Manual Integrations
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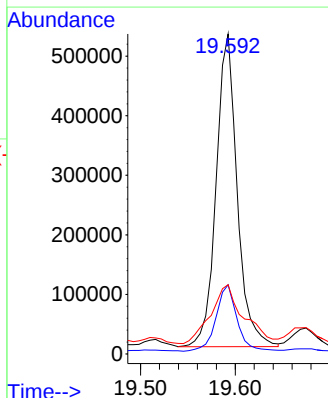
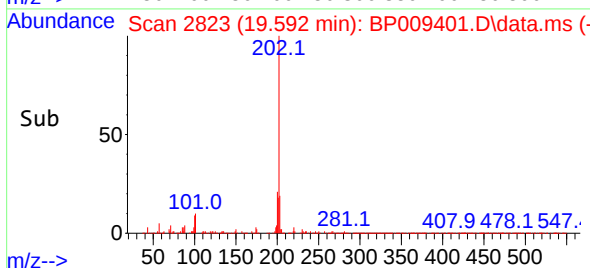
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

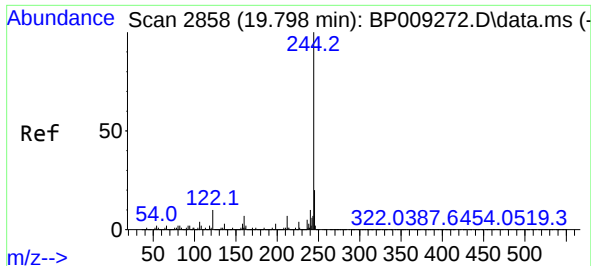


#78
Pyrene
Concen: 6.55 ng
RT: 19.592 min Scan# 2823
Delta R.T. 0.000 min
Lab File: BP009401.D
Acq: 15 Mar 2022 16:49



Tgt Ion:202 Resp: 810934
Ion Ratio Lower Upper
202 100
200 21.6 16.8 25.2
203 21.7 14.2 21.4





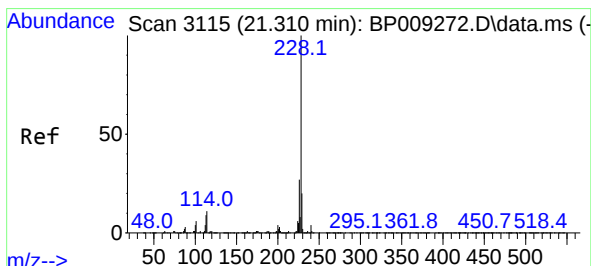
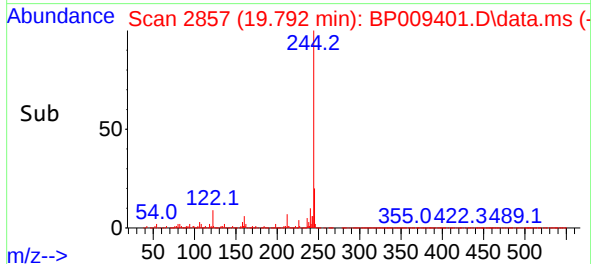
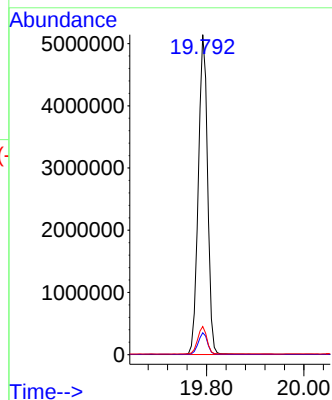
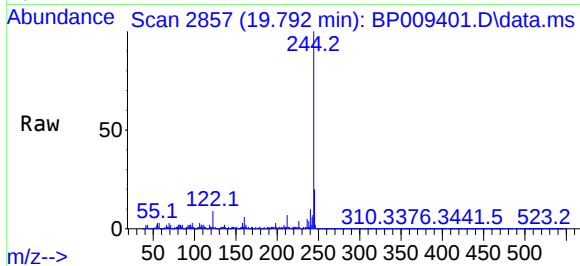
#79
Terphenyl-d14
Concen: 70.18 ng
RT: 19.792 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009401.D
Acq: 15 Mar 2022 16:49

Instrument :
BNA_P
ClientSampleId :
WC-8-9-1

Tgt Ion:244 Resp: 6823029
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 8.8 8.3 12.5

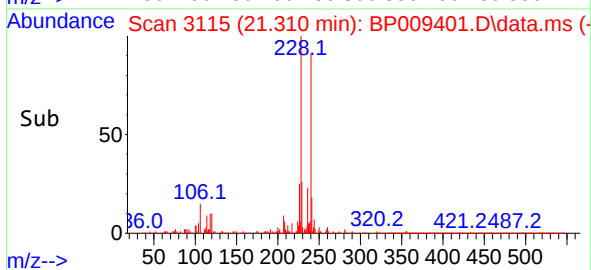
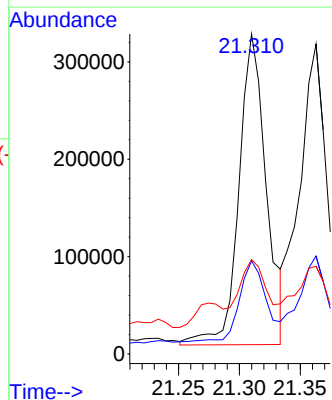
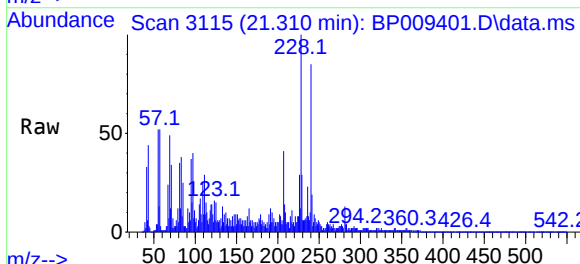
Manual Integrations
APPROVED

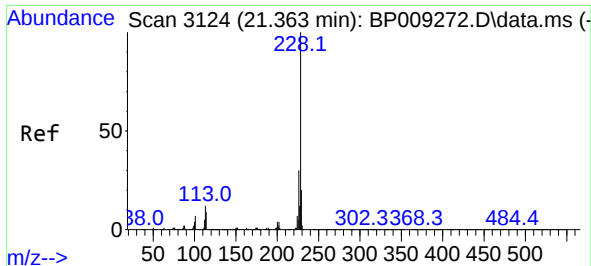
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#81
Benzo(a)anthracene
Concen: 4.00 ng
RT: 21.310 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BP009401.D
Acq: 15 Mar 2022 16:49

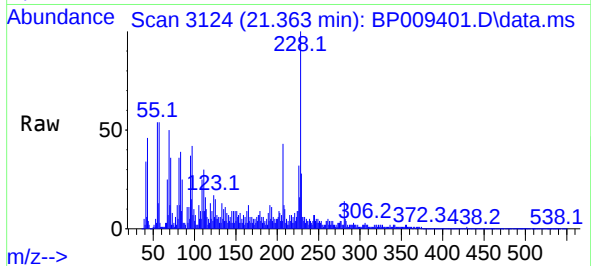
Tgt Ion:228 Resp: 497537
Ion Ratio Lower Upper
228 100
226 29.1 22.0 33.0
229 29.5 16.1 24.1#





#83
Chrysene
Concen: 4.16 ng
RT: 21.363 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BP009401.D
Acq: 15 Mar 2022 16:49

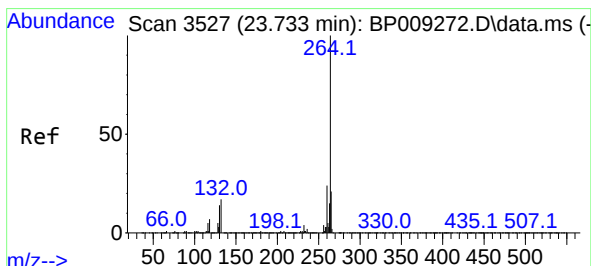
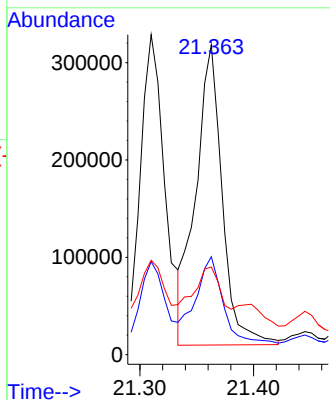
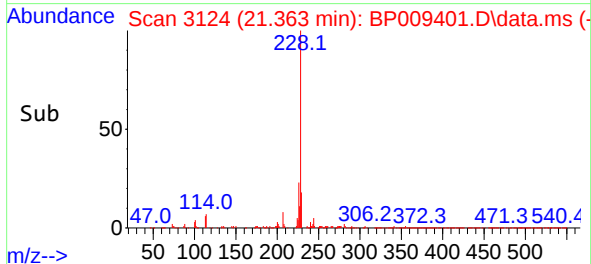
Instrument :
BNA_P
ClientSampleId :
WC-8-9-1



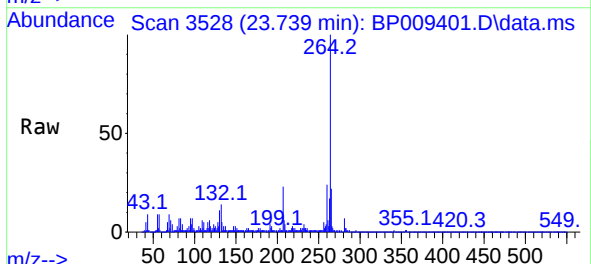
Tgt Ion:228 Resp: 50214
Ion Ratio Lower Upper
228 100
226 31.6 24.2 36.2
229 28.3 16.1 24.1

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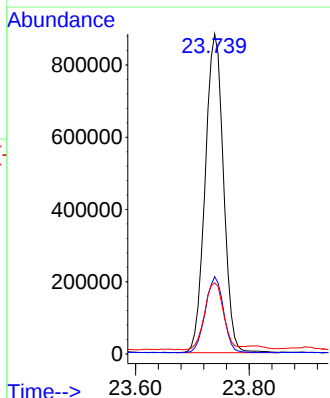
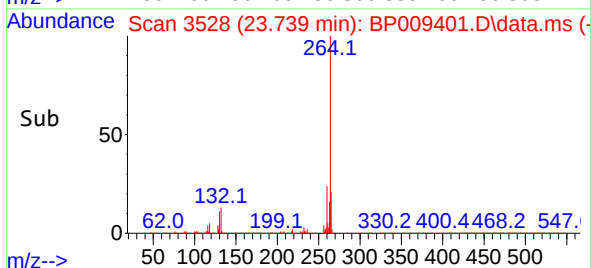
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

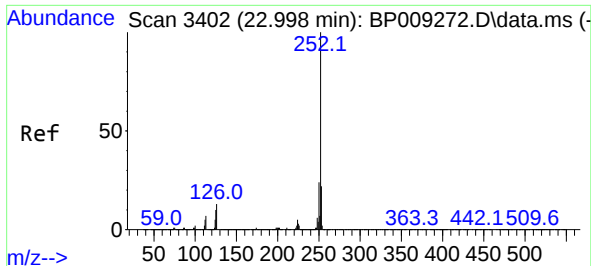


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.739 min Scan# 3528
Delta R.T. 0.006 min
Lab File: BP009401.D
Acq: 15 Mar 2022 16:49



Tgt Ion:264 Resp: 1966633
Ion Ratio Lower Upper
264 100
260 24.2 19.4 29.0
265 22.2 17.2 25.8





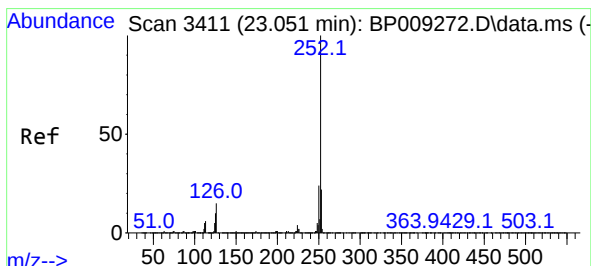
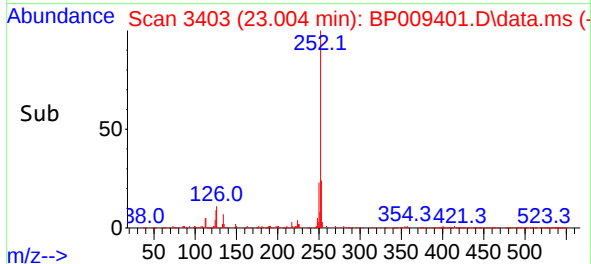
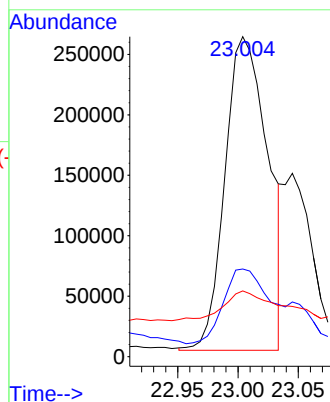
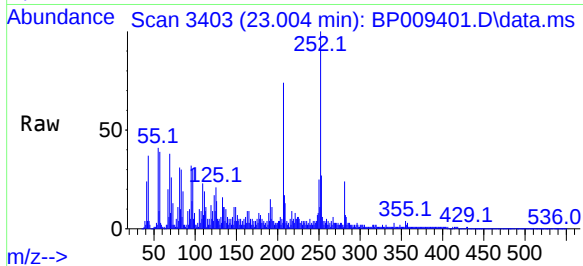
#88
Benzo(b)fluoranthene
Concen: 4.83 ng m
RT: 23.004 min Scan# 3402
Delta R.T. 0.006 min
Lab File: BP009401.D
Acq: 15 Mar 2022 16:49

Instrument :
BNA_P
ClientSampleId :
WC-8-9-1

Tgt Ion:252 Resp: 641590
Ion Ratio Lower Upper
252 100
253 27.4 17.8 26.8#
125 20.6 8.1 12.1#

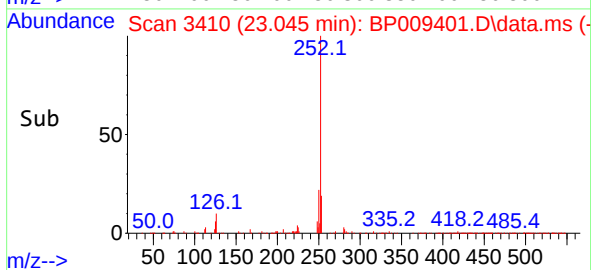
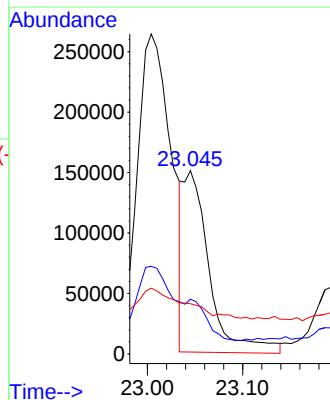
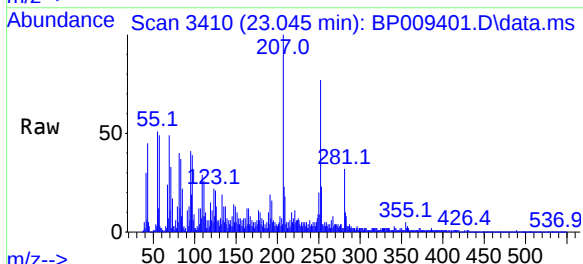
Manual Integrations
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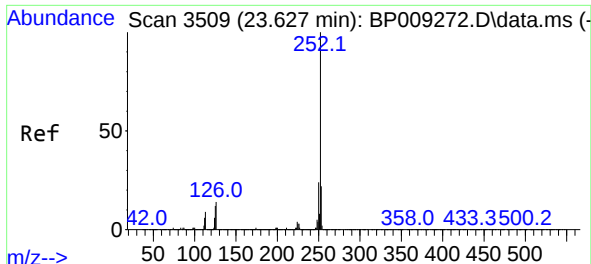
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#89
Benzo(k)fluoranthene
Concen: 2.24 ng m
RT: 23.045 min Scan# 3410
Delta R.T. -0.006 min
Lab File: BP009401.D
Acq: 15 Mar 2022 16:49

Tgt Ion:252 Resp: 284290
Ion Ratio Lower Upper
252 100
253 29.8 17.5 26.3#
125 27.4 8.3 12.5#





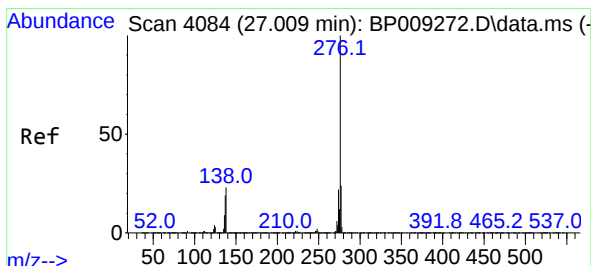
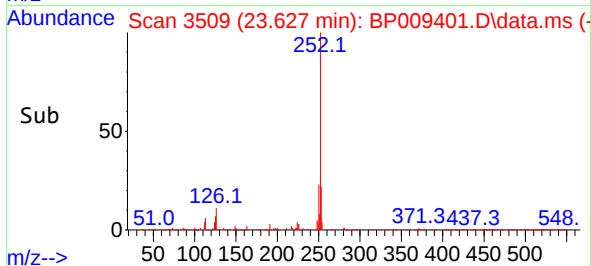
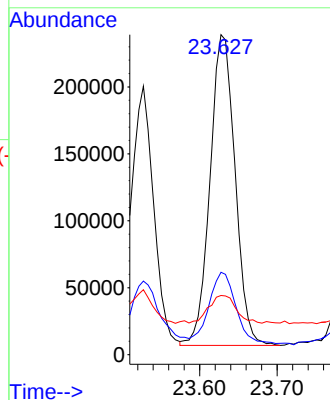
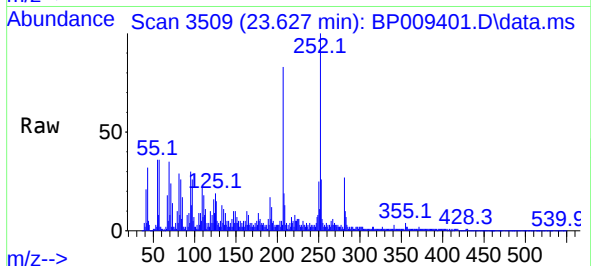
#90
Benzo(a)pyrene
Concen: 4.15 ng
RT: 23.627 min Scan# 3509
Delta R.T. 0.000 min
Lab File: BP009401.D
Acq: 15 Mar 2022 16:49

Instrument :
BNA_P
ClientSampleId :
WC-8-9-1

Tgt Ion:252 Resp: 522520
Ion Ratio Lower Upper
252 100
253 25.7 17.8 26.6
125 18.5 9.3 13.9

Manual Integrations
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Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#92
Benzo(g,h,i)perylene
Concen: 3.52 ng
RT: 27.010 min Scan# 4084
Delta R.T. 0.000 min
Lab File: BP009401.D
Acq: 15 Mar 2022 16:49

Tgt Ion:276 Resp: 450163
Ion Ratio Lower Upper
276 100
277 26.2 19.2 28.8
138 21.0 18.0 27.0

