

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052322\
 Data File : BP010522.D
 Acq On : 24 May 2022 18:33
 Operator : CG/JU
 Sample : N2950-07
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBTG5

Manual Integrations
 APPROVED

Reviewed By : Jagrut Upadhyay 05/25/2022
 Supervised By : Yogesh Patel 05/26/2022

Quant Time: May 24 23:17:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 24 05:50:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	132093	20.000	ng/ul	0.00
20) Naphthalene-d8	10.693	136	601899	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.516	164	407888	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.269	188	907631	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.351	240	847954	20.000	ng/ul	# 0.00
88) Perylene-d12	23.769	264	655194	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	14722m	4.751	ng/uL	0.00
4) Pyridine-d5	3.764	84	80992	9.204	ng/ul	0.00
7) Phenol-d5	7.052	99	71366	6.437	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	256115	34.383	ng/ul	0.00
11) 2-Chlorophenol-d4	7.416	132	221619	26.123	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	151574	16.087	ng/ul	0.00
21) Nitrobenzene-d5	9.046	128	163417m	35.081	ng/ul	0.00
24) 2-Nitrophenol-d4	9.769	143	169216	34.277	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	278205	29.804	ng/ul	0.00
31) 4-Chloroaniline-d4	10.822	131	311012m	22.408	ng/ul	0.00
46) Dimethylphthalate-d6	13.928	166	1114638	37.090	ng/ul	0.00
49) Acenaphthylene-d8	14.210	160	1235415	35.640	ng/ul	0.00
54) 4-Nitrophenol-d4	14.722	143	33513m	6.265	ng/ul	0.00
60) Fluorene-d10	15.510	176	966138	36.954	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	187580	35.338	ng/ul	0.00
73) Anthracene-d10	17.369	188	1611894	39.220	ng/ul	0.00
81) Pyrene-d10	19.598	212	1960165	43.528	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.616	264	1356880	41.243	ng/ul	0.00
Target Compounds					Qvalue	
26) 2,4-Dimethylphenol	9.899	107	31051m	2.640	ng/ul	
29) 2,4-Dichlorophenol	10.381	162	12788m	1.340	ng/ul	
30) Naphthalene	10.752	128	21776496m	692.678	ng/ul	
36) 2-Methylnaphthalene	12.346	142	1461431	65.664	ng/ul	93
37) 1-Methylnaphthalene	12.563	142	959500	42.698	ng/ul#	96
42) 2,4,5-Trichlorophenol	13.028	196	23338	2.694	ng/ul	86
43) 1,1'-Biphenyl	13.351	154	497286	16.610	ng/ul#	92
47) Dimethylphthalate	13.975	163	85446	2.866	ng/ul#	94
50) Acenaphthylene	14.240	152	178219	4.753	ng/ul	97
52) Acenaphthene	14.581	153	1446008	59.110	ng/ul	97
56) Dibenzofuran	14.916	168	1289327	35.964	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.145	232	68867	9.244	ng/ul#	87
61) Fluorene	15.563	166	310374	10.587	ng/ul#	92
71) Pentachlorophenol	16.922	266	229710	34.049	ng/ul#	85
72) Phenanthrene	17.310	178	893338	18.443	ng/ul	98
74) Anthracene	17.404	178	108722	2.237	ng/ul	97
77) Carbazole	17.681	167	5130856	120.145	ng/ul#	95
80) Fluoranthene	19.275	202	142775	2.728	ng/ul	97
82) Pyrene	19.628	202	85040	1.557	ng/ul#	97

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

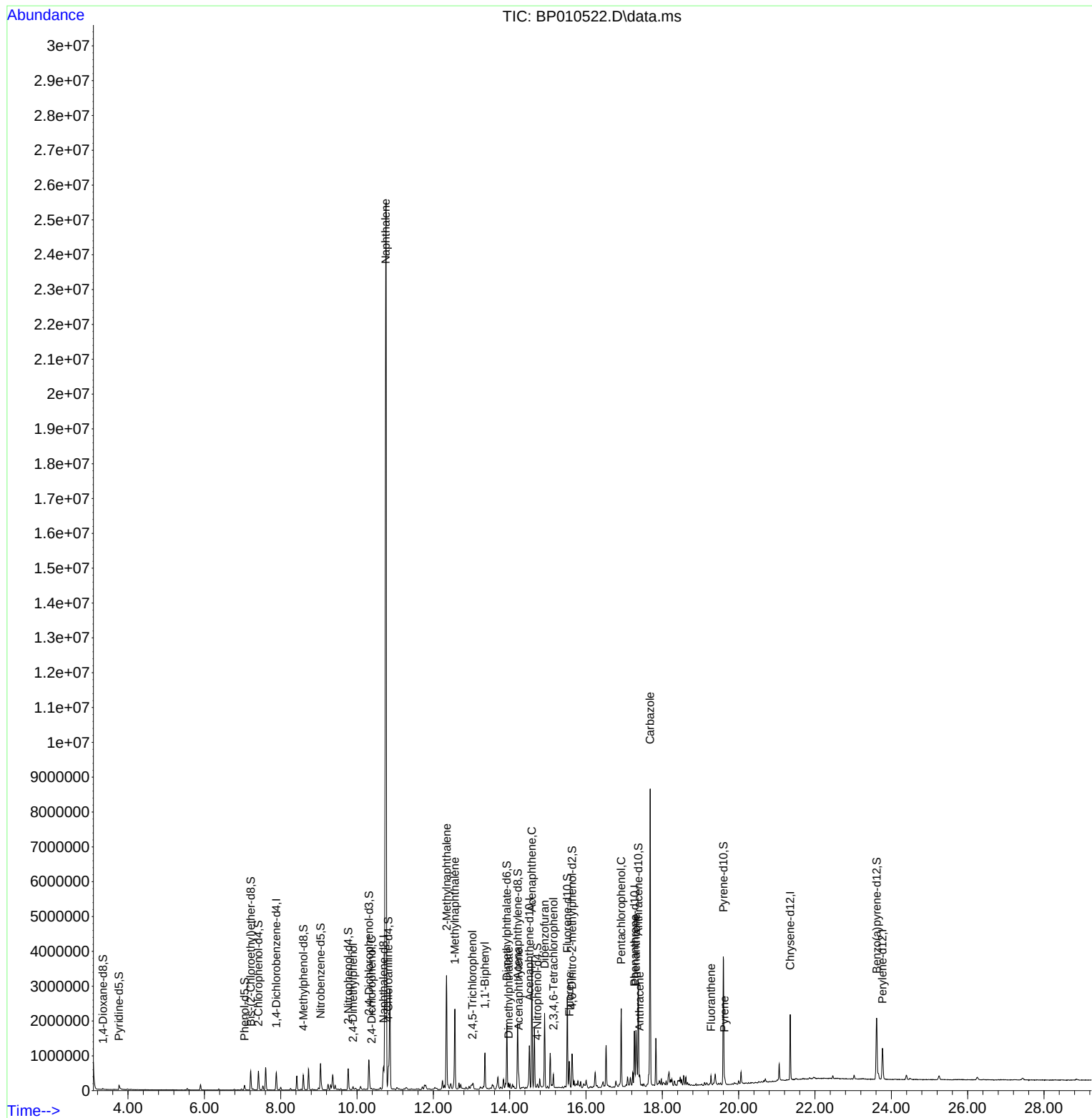
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052322\
 Data File : BP010522.D
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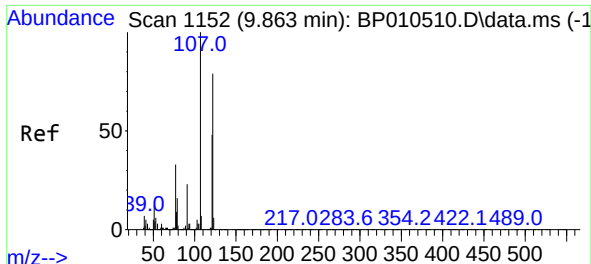
Instrument :
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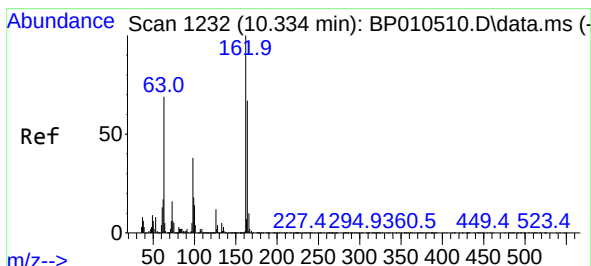
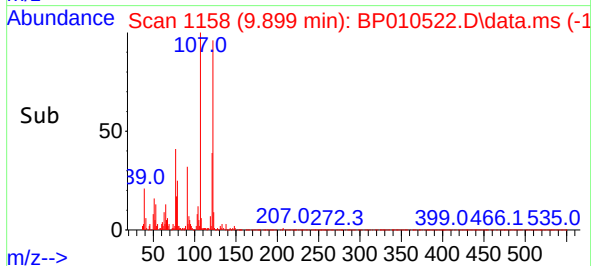
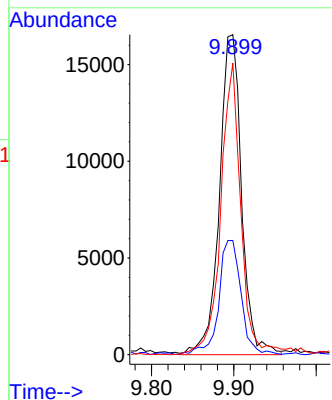
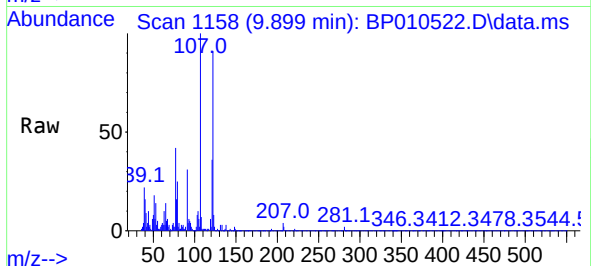
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2,4-Dimethylphenol
Concen: 2.640 ng/ul m
RT: 9.899 min Scan# 1152
Delta R.T. 0.035 min
Lab File: BP010522.D
Acq: 24 May 2022 18:33

Instrument :
BNA_P
ClientSampleId :
DBTG5

Tgt Ion:107 Resp: 3105
Ion Ratio Lower Upper
107 100
121 35.7 34.1 51.1
122 91.1 46.3 69.5

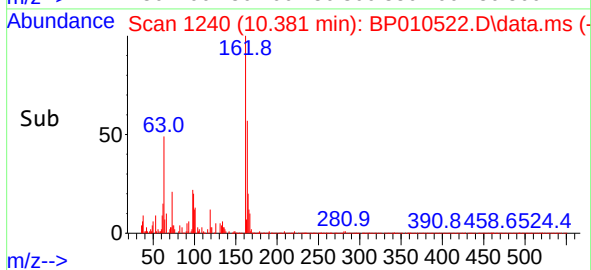
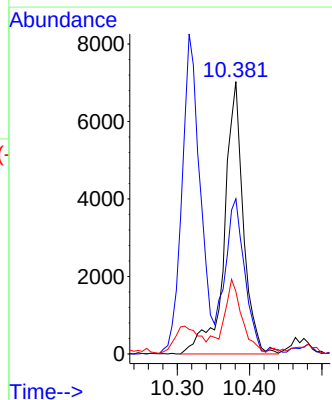
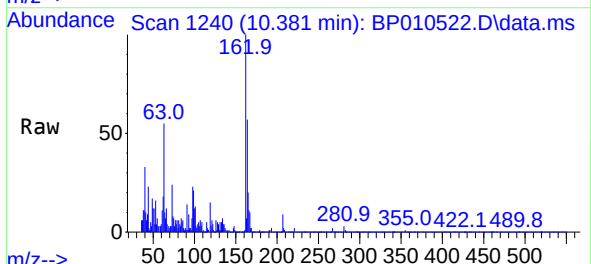
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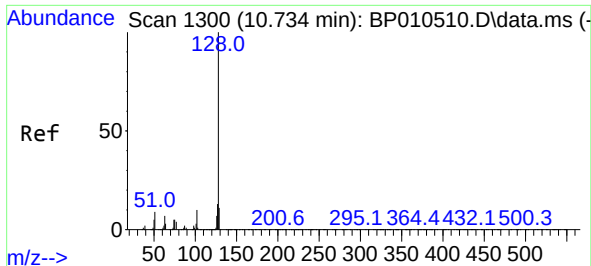
Reviewed By :Jagrut Upadhyay 05/25/2022
Supervised By :Yogesh Patel 05/26/2022



#29
2,4-Dichlorophenol
Concen: 1.340 ng/ul m
RT: 10.381 min Scan# 1240
Delta R.T. 0.047 min
Lab File: BP010522.D
Acq: 24 May 2022 18:33

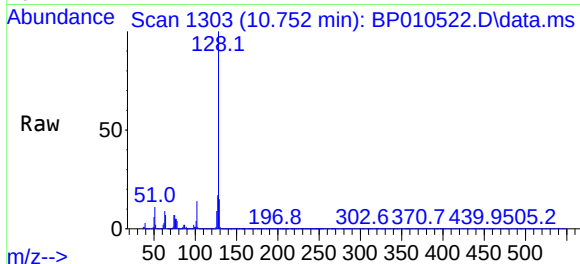
Tgt Ion:162 Resp: 12788
Ion Ratio Lower Upper
162 100
164 57.0 37.0 55.6#
98 22.9 31.0 46.6#





#30
Naphthalene
Concen: 692.678 ng/ul m
RT: 10.752 min Scan# 1303
Delta R.T. 0.012 min
Lab File: BP010522.D
Acq: 24 May 2022 18:33

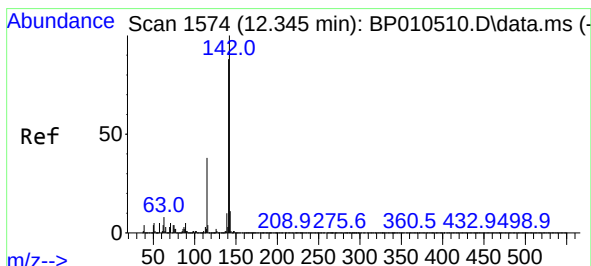
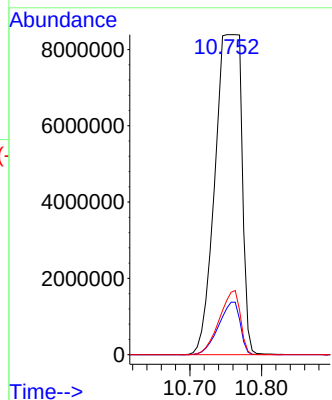
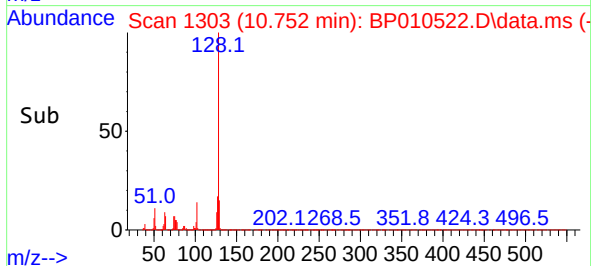
Instrument :
BNA_P
ClientSampleId :
DBTG5



Tgt Ion:128 Resp:21776490
Ion Ratio Lower Upper
128 100
129 14.5 8.6 13.0
127 17.0 12.2 18.4

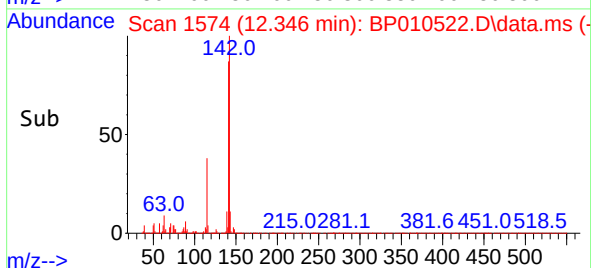
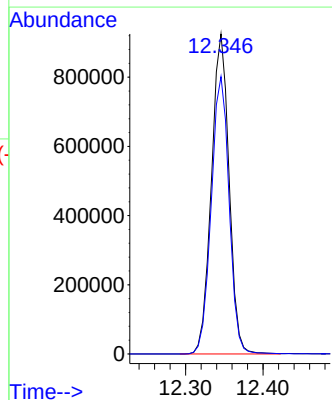
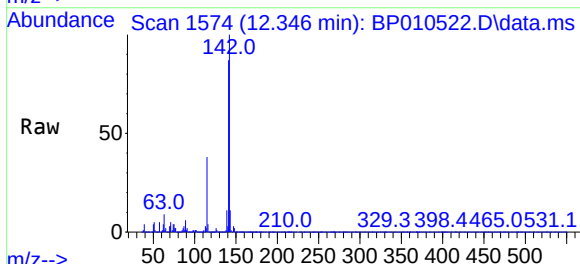
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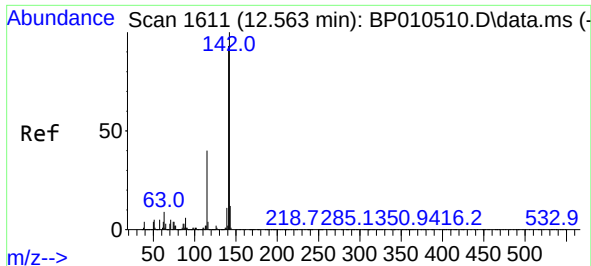
Reviewed By :Jagrut Upadhyay 05/25/2022
Supervised By :Yogesh Patel 05/26/2022



#36
2-Methylnaphthalene
Concen: 65.664 ng/ul
RT: 12.346 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BP010522.D
Acq: 24 May 2022 18:33

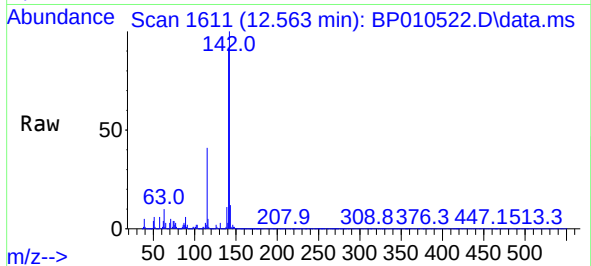
Tgt Ion:142 Resp: 1461431
Ion Ratio Lower Upper
142 100
141 86.7 64.3 96.5





#37
1-Methylnaphthalene
Concen: 42.698 ng/ul
RT: 12.563 min Scan# 1611
Delta R.T. 0.000 min
Lab File: BP010522.D
Acq: 24 May 2022 18:33

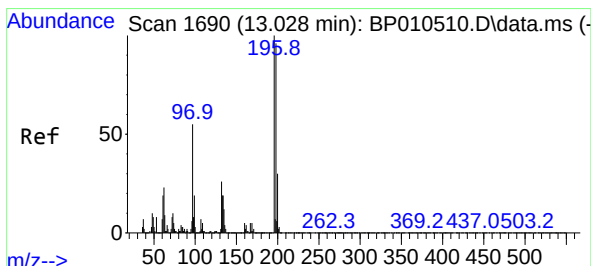
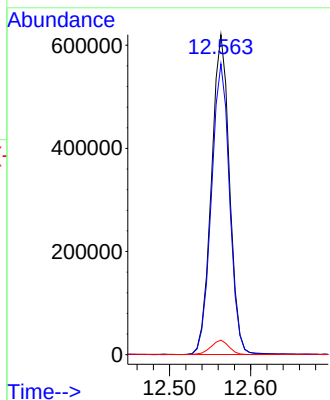
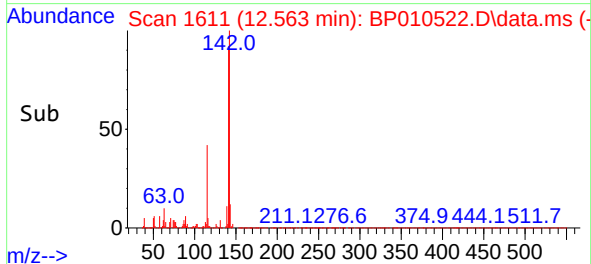
Instrument :
BNA_P
ClientSampleId :
DBTG5



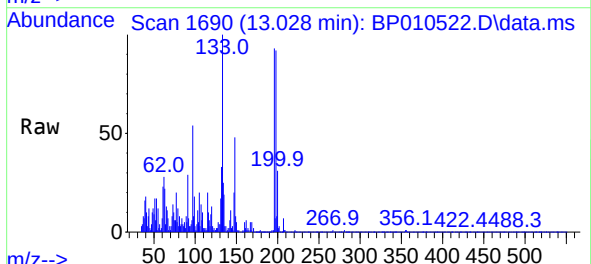
Tgt Ion:142 Resp: 959500
Ion Ratio Lower Upper
142 100
141 90.9 69.8 104.8
116 4.5 5.6 8.4

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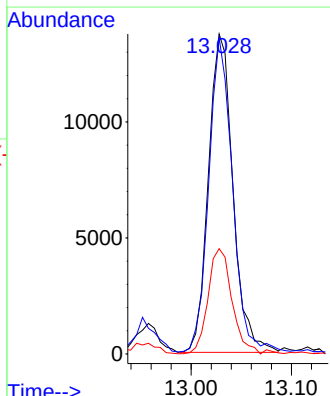
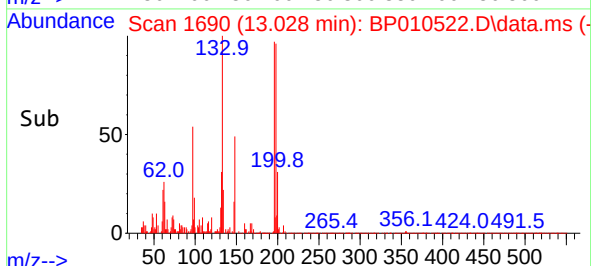
Reviewed By :Jagrut Upadhyay 05/25/2022
Supervised By :Yogesh Patel 05/26/2022

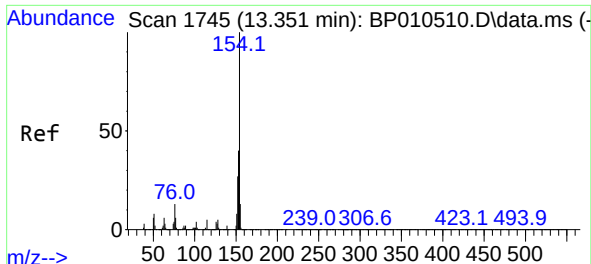


#42
2,4,5-Trichlorophenol
Concen: 2.694 ng/ul
RT: 13.028 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BP010522.D
Acq: 24 May 2022 18:33



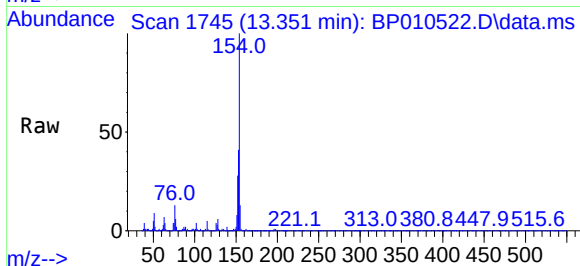
Tgt Ion:196 Resp: 23338
Ion Ratio Lower Upper
196 100
198 98.9 68.6 103.0
200 32.9 32.8 49.2





#43
1,1'-Biphenyl
Concen: 16.610 ng/ul
RT: 13.351 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BP010522.D
Acq: 24 May 2022 18:33

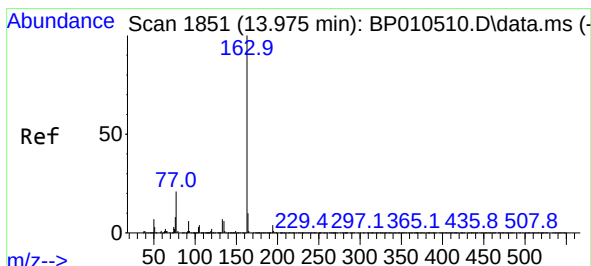
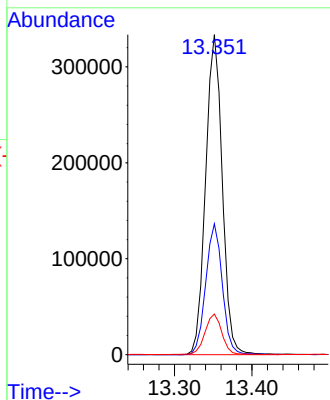
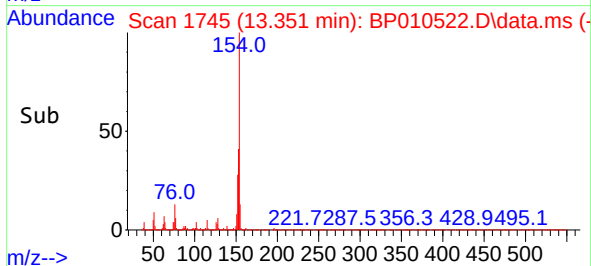
Instrument :
BNA_P
ClientSampleId :
DBTG5



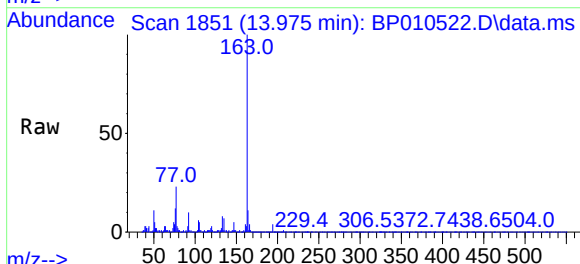
Tgt Ion:154 Resp: 497280
Ion Ratio Lower Upper
154 100
153 40.9 28.6 43.0
76 12.7 8.5 12.7

Manual Integrations
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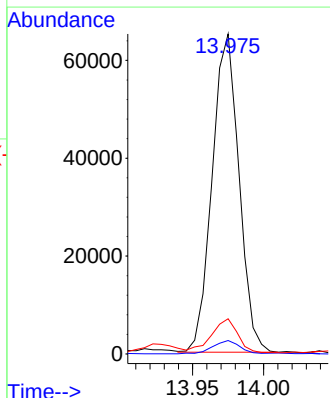
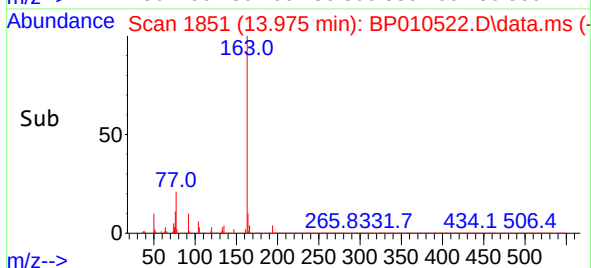
Reviewed By :Jagrut Upadhyay 05/25/2022
Supervised By :Yogesh Patel 05/26/2022

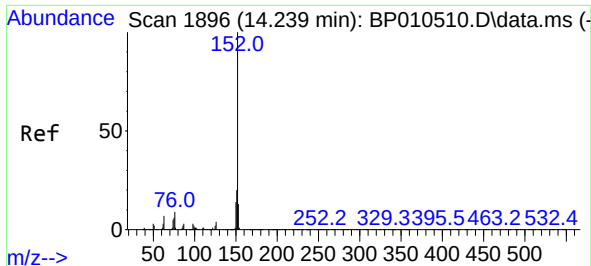


#47
Dimethylphthalate
Concen: 2.866 ng/ul
RT: 13.975 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BP010522.D
Acq: 24 May 2022 18:33



Tgt Ion:163 Resp: 85446
Ion Ratio Lower Upper
163 100
194 4.2 4.1 6.1
164 11.0 11.3 16.9





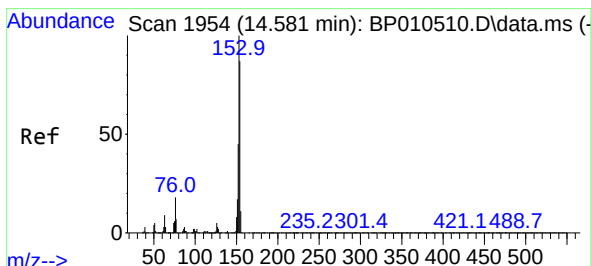
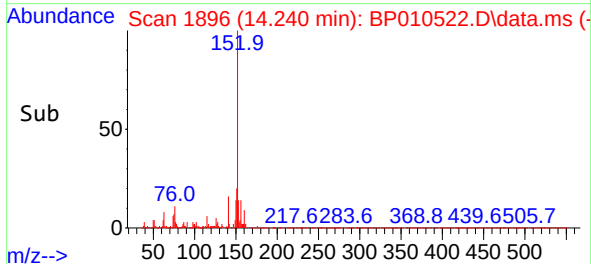
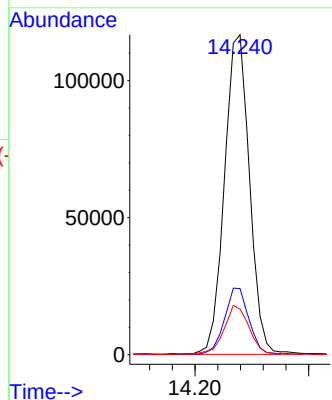
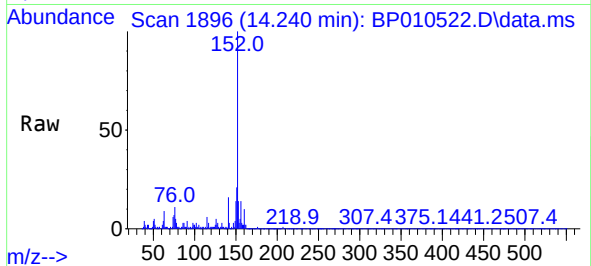
#50
Acenaphthylene
Concen: 4.753 ng/ul
RT: 14.240 min Scan# 1896
Delta R.T. 0.000 min
Lab File: BP010522.D
Acq: 24 May 2022 18:33

Instrument :
BNA_P
ClientSampleId :
DBTG5

Tgt Ion:152 Resp: 178219
Ion Ratio Lower Upper
152 100
151 20.7 18.3 27.5
153 14.2 11.0 16.6

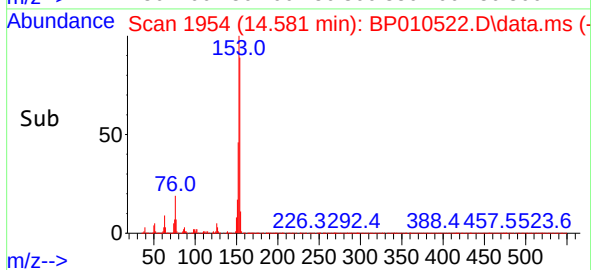
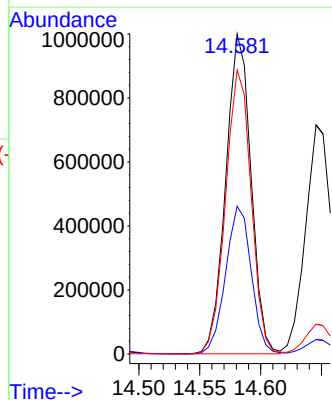
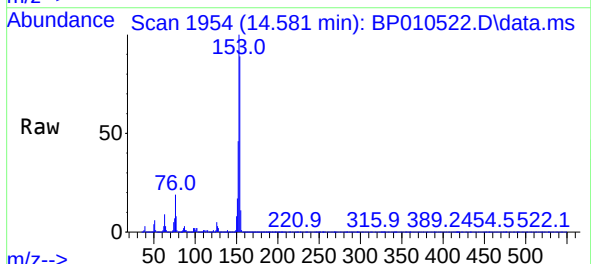
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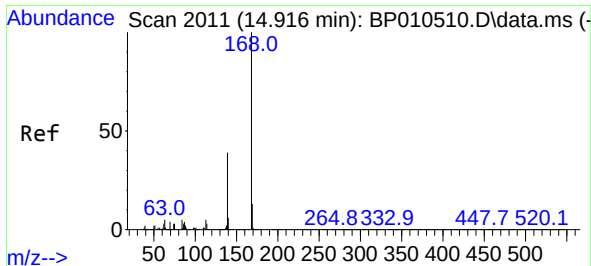
Reviewed By :Jagrut Upadhyay 05/25/2022
Supervised By :Yogesh Patel 05/26/2022



#52
Acenaphthene
Concen: 59.110 ng/ul
RT: 14.581 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BP010522.D
Acq: 24 May 2022 18:33

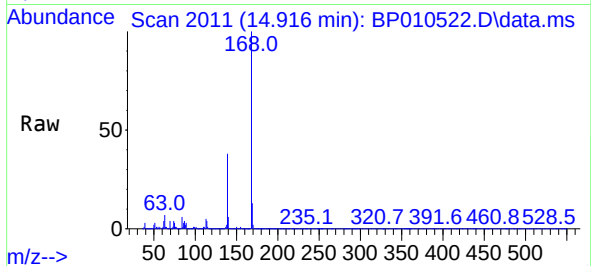
Tgt Ion:153 Resp: 1446008
Ion Ratio Lower Upper
153 100
152 46.2 34.3 51.5
154 88.7 70.0 105.0





#56
Dibenzenofuran
Concen: 35.964 ng/ul
RT: 14.916 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BP010522.D
Acq: 24 May 2022 18:33

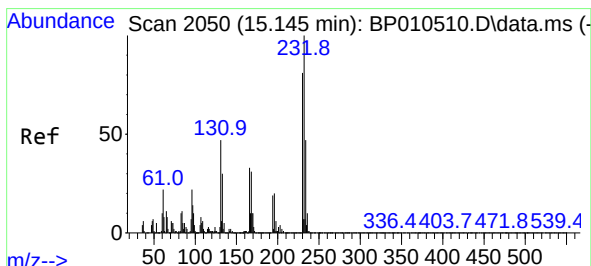
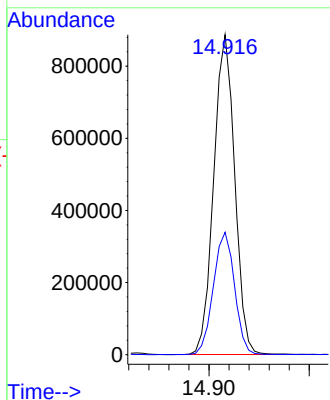
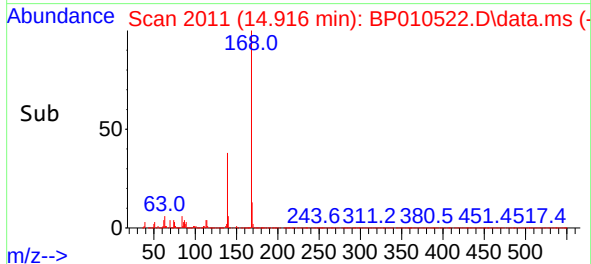
Instrument :
BNA_P
ClientSampleId :
DBTG5



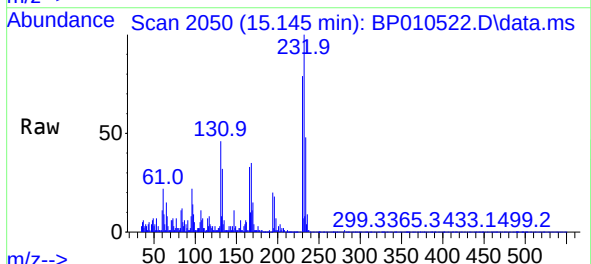
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Ion Ratio Lower Upper
168 100
139 38.3 30.1 45.1

Manual Integrations
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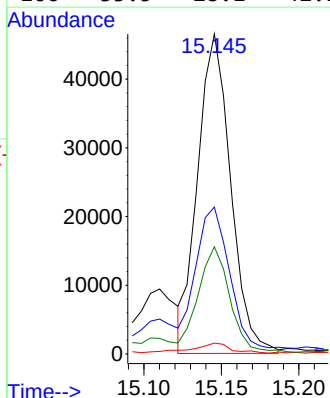
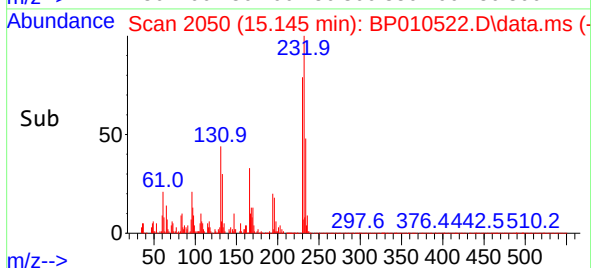
Reviewed By :Jagrut Upadhyay 05/25/2022
Supervised By :Yogesh Patel 05/26/2022

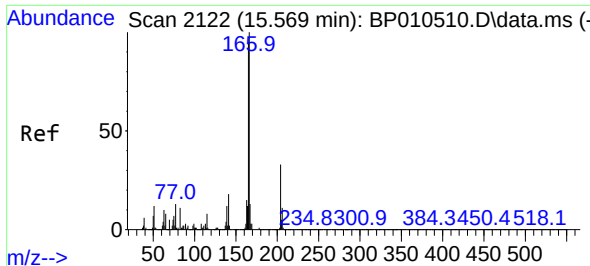


#58
2,3,4,6-Tetrachlorophenol
Concen: 9.244 ng/ul
RT: 15.145 min Scan# 2050
Delta R.T. 0.000 min
Lab File: BP010522.D
Acq: 24 May 2022 18:33



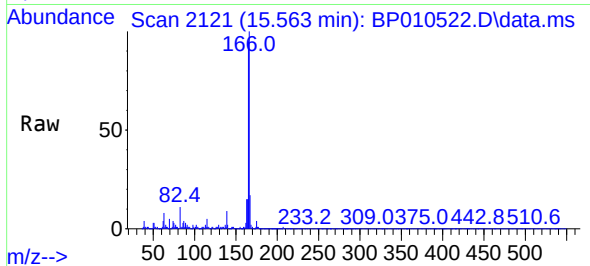
Tgt Ion:232 Resp: 68867
Ion Ratio Lower Upper
232 100
131 45.9 25.4 38.2#
130 3.4 4.2 6.2#
166 33.5 28.1 42.1





#61
Fluorene
Concen: 10.587 ng/ul
RT: 15.563 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BP010522.D
Acq: 24 May 2022 18:33

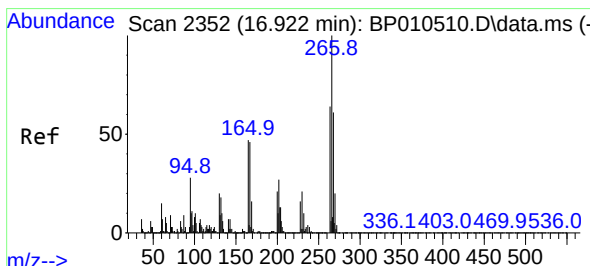
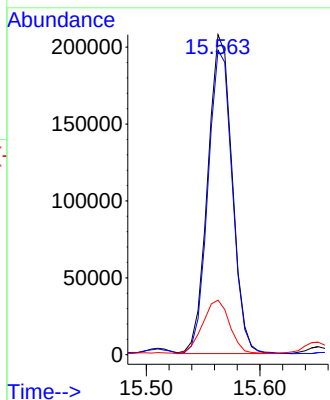
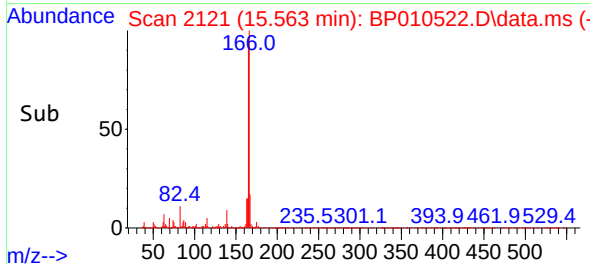
Instrument :
BNA_P
ClientSampleId :
DBTG5



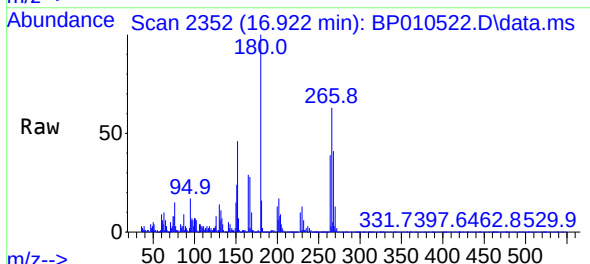
Tgt Ion:166 Resp: 310374
Ion Ratio Lower Upper
166 100
165 95.2 70.3 105.5
167 17.0 9.5 14.3

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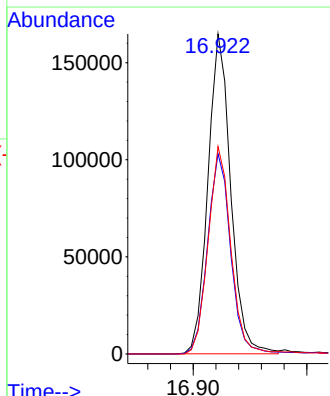
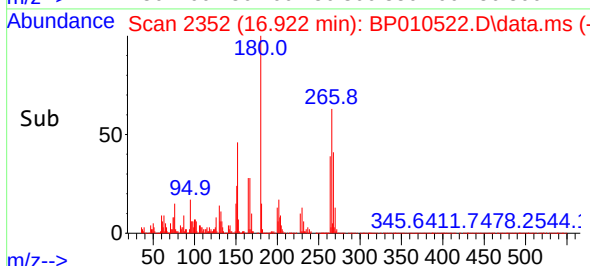
Reviewed By :Jagrut Upadhyay 05/25/2022
Supervised By :Yogesh Patel 05/26/2022

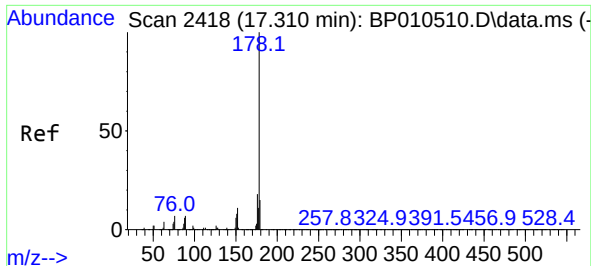


#71
Pentachlorophenol
Concen: 34.049 ng/ul
RT: 16.922 min Scan# 2352
Delta R.T. 0.000 min
Lab File: BP010522.D
Acq: 24 May 2022 18:33



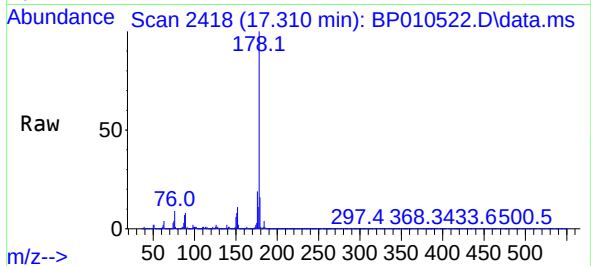
Tgt Ion:266 Resp: 229710
Ion Ratio Lower Upper
266 100
264 62.6 57.3 85.9
268 64.8 65.7 98.5





#72
Phenanthrene
Concen: 18.443 ng/u1
RT: 17.310 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BP010522.D
Acq: 24 May 2022 18:33

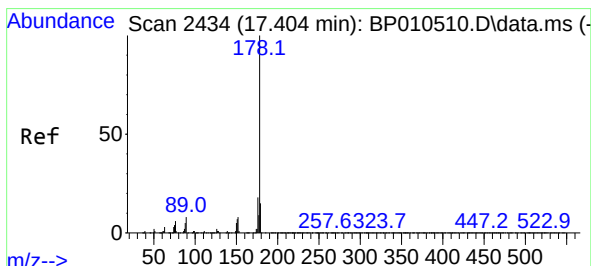
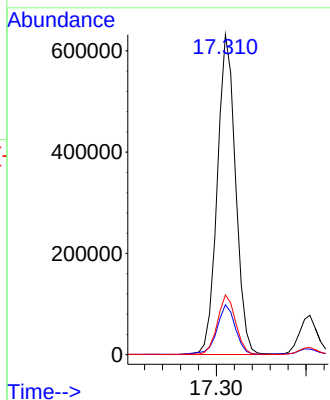
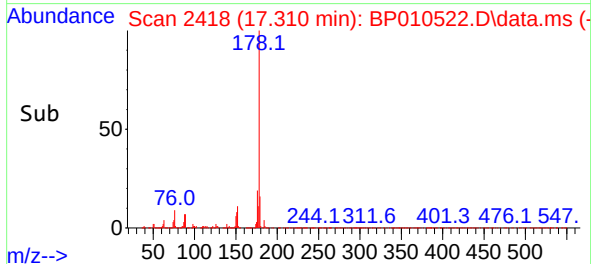
Instrument :
BNA_P
ClientSampleId :
DBTG5



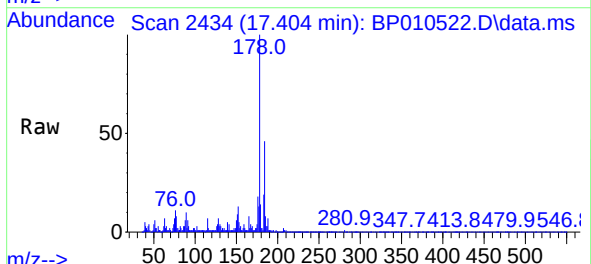
Tgt Ion:178 Resp: 893338
Ion Ratio Lower Upper
178 100
179 15.6 11.7 17.5
176 18.7 14.5 21.7

Manual Integrations
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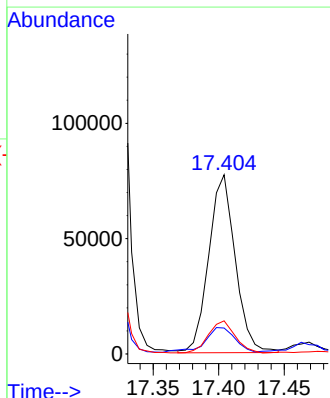
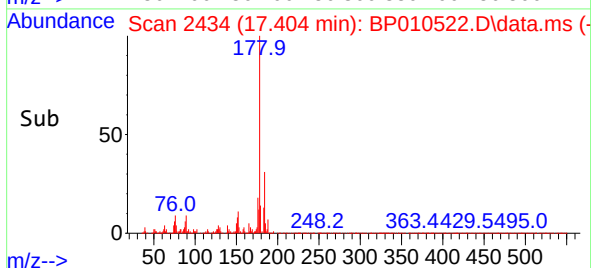
Reviewed By :Jagrut Upadhyay 05/25/2022
Supervised By :Yogesh Patel 05/26/2022

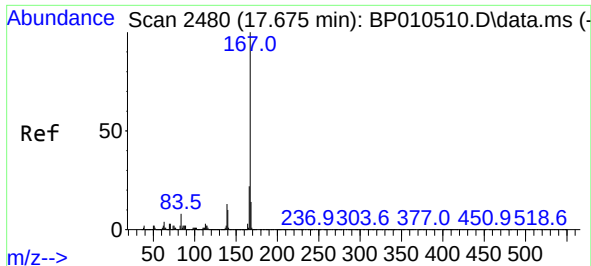


#74
Anthracene
Concen: 2.237 ng/u1
RT: 17.404 min Scan# 2434
Delta R.T. 0.000 min
Lab File: BP010522.D
Acq: 24 May 2022 18:33



Tgt Ion:178 Resp: 108722
Ion Ratio Lower Upper
178 100
179 14.4 12.3 18.5
176 18.5 13.4 20.2





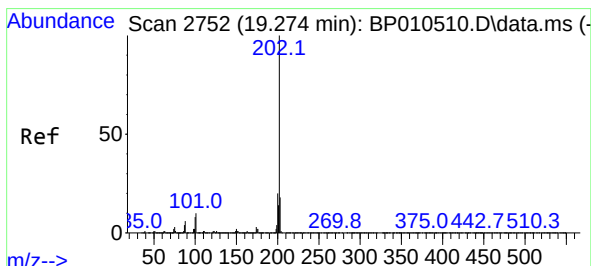
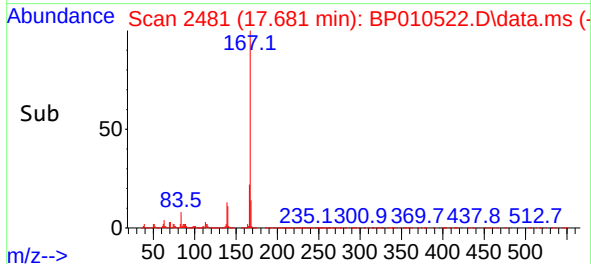
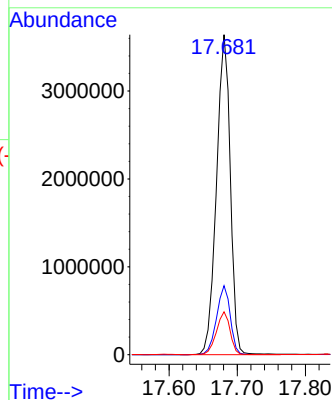
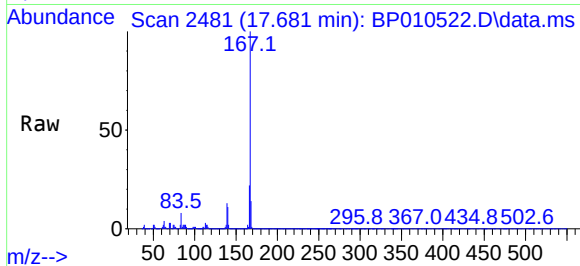
#77
 Carbazole
 Concen: 120.145 ng/u1
 RT: 17.681 min Scan# 2480
 Delta R.T. 0.006 min
 Lab File: BP010522.D
 Acq: 24 May 2022 18:33

Instrument :
 BNA_P
 ClientSampleId :
 DBTG5

Tgt Ion:167 Resp: 5130850
 Ion Ratio Lower Upper
 167 100
 166 21.5 15.8 23.8
 139 13.4 8.3 12.5

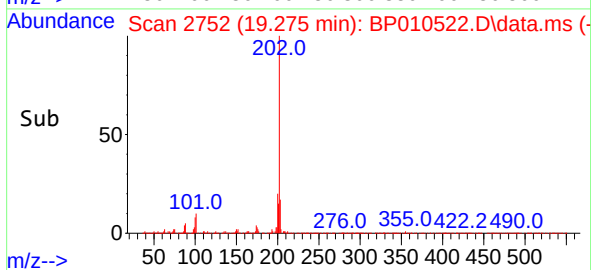
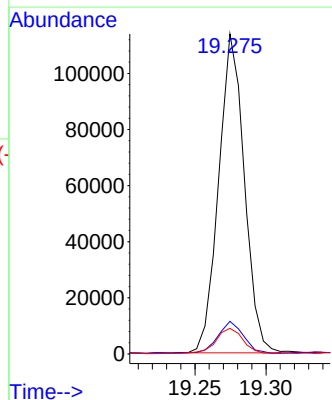
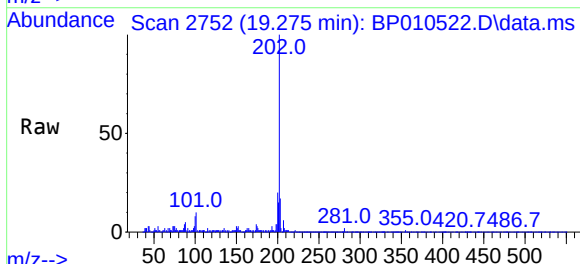
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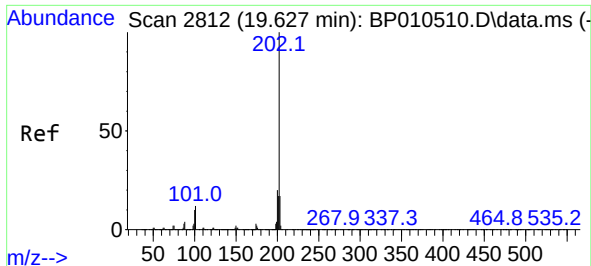
Reviewed By :Jagrut Upadhyay 05/25/2022
 Supervised By :Yogesh Patel 05/26/2022



#80
 Fluoranthene
 Concen: 2.728 ng/u1
 RT: 19.275 min Scan# 2752
 Delta R.T. -0.006 min
 Lab File: BP010522.D
 Acq: 24 May 2022 18:33

Tgt Ion:202 Resp: 142775
 Ion Ratio Lower Upper
 202 100
 101 10.2 9.6 14.4
 100 8.0 6.3 9.5





#82

Pyrene

Concen: 1.557 ng/ul

RT: 19.628 min Scan# 2812

Delta R.T. 0.000 min

Lab File: BP010522.D

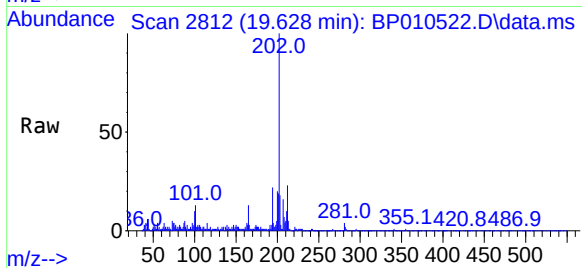
Acq: 24 May 2022 18:33

Instrument :

BNA_P

ClientSampleId :

DBTG5



Tgt Ion:	202	Resp:	85040
Ion Ratio	Lower	Upper	
202	100		
101	13.1	10.6	15.8
100	9.7	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/25/2022
Supervised By :Yogesh Patel 05/26/2022

