

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122321\
 Data File : BP008527.D
 Acq On : 23 Dec 2021 16:34
 Operator : CG/JU
 Sample : M5171-09ME
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BGLA5ME

Quant Time: Dec 24 04:11:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 23 14:48:11 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2021
 Supervised By :mohammad ahmed 12/31/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	504424	20.000	ng/ul	0.00
20) Naphthalene-d8	10.716	136	1979009	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.534	164	1319713	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.286	188	2319827	20.000	ng/ul	0.00
79) Chrysene-d12	21.369	240	1933222	20.000	ng/ul	0.00
88) Perylene-d12	23.804	264	2211773	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	30881	2.759	ng/uL	0.00
4) Pyridine-d5	3.764	84	144939	4.628	ng/ul	0.00
7) Phenol-d5	7.063	99	574289	14.271	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	417572	18.270	ng/ul	0.00
11) 2-Chlorophenol-d4	7.434	132	500262	15.628	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	616275	19.091	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	264692	18.902	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	228934	17.830	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	511805	16.238	ng/ul	0.00
31) 4-Chloroaniline-d4	10.840	131	956696	21.989	ng/ul	0.00
46) Dimethylphthalate-d6	13.945	166	1733036	17.773	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160	1978724	16.229	ng/ul	0.00
54) 4-Nitrophenol-d4	14.710	143	164711	10.656	ng/ul	0.00
60) Fluorene-d10	15.528	176	1405103	16.597	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	84785	8.303	ng/ul	0.00
73) Anthracene-d10	17.386	188	1861645	16.935	ng/ul	0.00
81) Pyrene-d10	19.610	212	1728659	14.923	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.645	264	1730072	15.198	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.087	94	206905	5.004	ng/ul#	90
18) 4-Methylphenol	8.669	108	98341	2.867	ng/ul	94
26) 2,4-Dimethylphenol	9.881	107	496432m	14.216	ng/ul	
30) Naphthalene	10.757	128	28521247m	272.269	ng/ul	
32) 4-Chloroaniline	10.863	127	1297565	29.411	ng/ul	99
36) 2-Methylnaphthalene	12.375	142	9886513	133.377	ng/ul	100
37) 1-Methylnaphthalene	12.587	142	4503343	59.677	ng/ul	100
43) 1,1'-Biphenyl	13.375	154	1711805	16.733	ng/ul	99
50) Acenaphthylene	14.257	152	170353	1.366	ng/ul#	52
52) Acenaphthene	14.598	153	905011	11.110	ng/ul	100
56) Dibenzofuran	14.934	168	1316452	11.052	ng/ul	95
59) Diethylphthalate	15.357	149	940161	9.894	ng/ul	97
61) Fluorene	15.586	166	776082	8.178	ng/ul#	96
67) N-Nitrosodiphenylamine	15.792	169	481263	6.784	ng/ul	87
72) Phenanthrene	17.328	178	1566580	12.261	ng/ul	97
74) Anthracene	17.416	178	280580m	2.190	ng/ul	
78) Di-n-butylphthalate	18.245	149	4259397	33.414	ng/ul	99
80) Fluoranthene	19.286	202	323557	2.349	ng/ul#	89
82) Pyrene	19.639	202	311915	2.247	ng/ul#	92
83) Butylbenzylphthalate	20.527	149	30991802m	658.847	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.286	149	21351296m	299.047	ng/ul	
89) Di-n-octyl phthalate	22.233	149	7823529	55.548	ng/ul	100

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

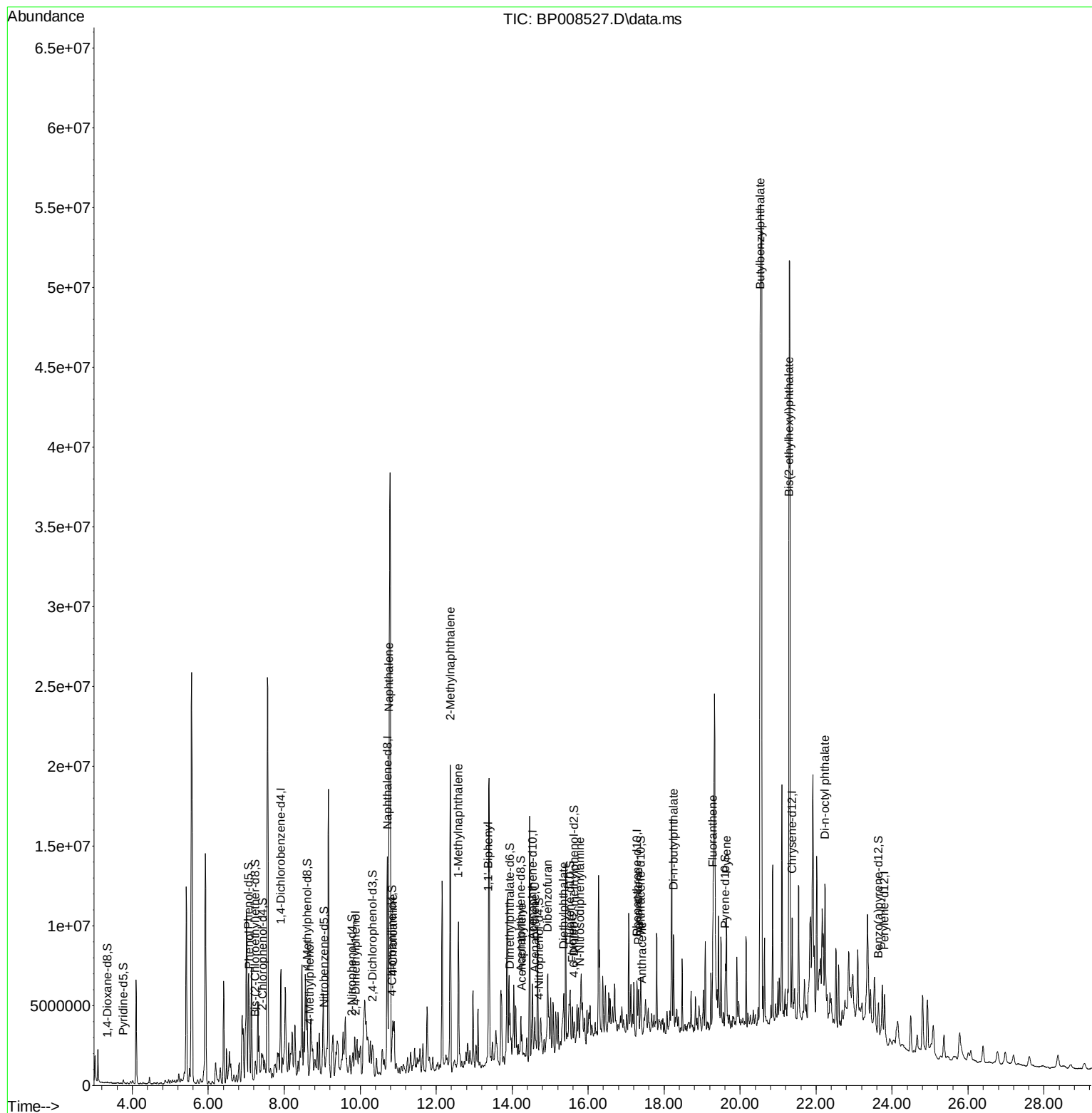
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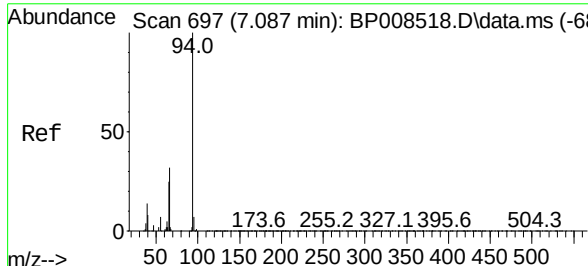
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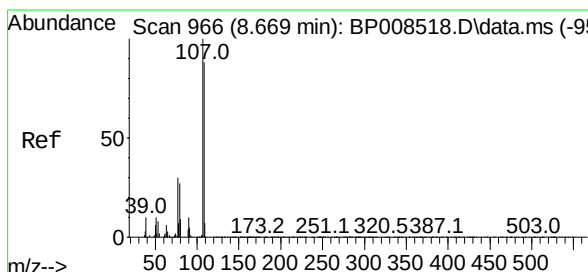
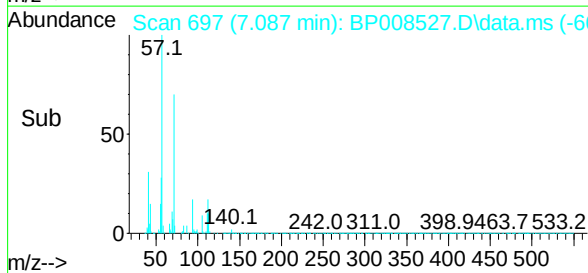
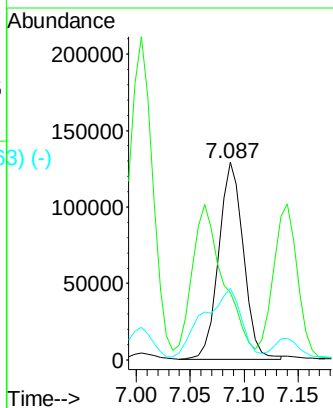
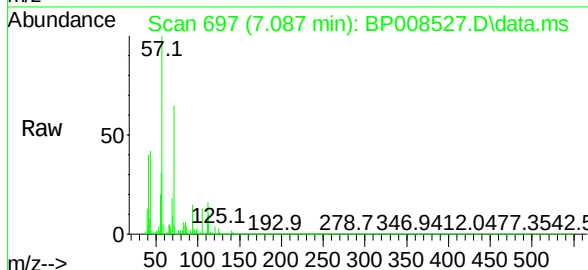
Phenol
 Concen: 5.004 ng/ul
 RT: 7.087 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: BP008527.D
 Acq: 23 Dec 2021 16:34

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Tgt Ion:	94	Resp:	20690
Ion	Ratio	Lower	Upper
94	100		
65	33.9	20.6	31.0
66	36.4	26.3	39.5

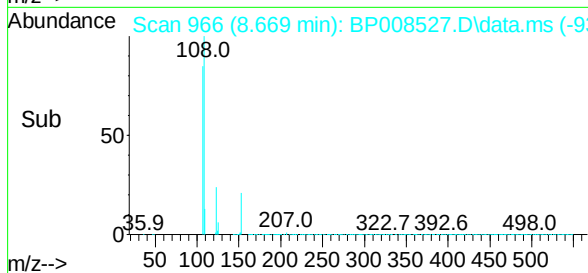
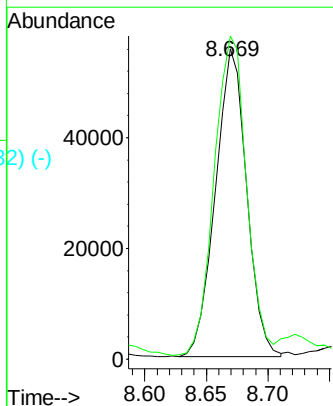
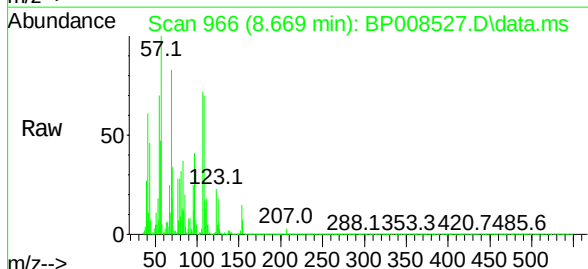
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4-Methylphenol
 Concen: 2.867 ng/ul
 RT: 8.669 min Scan# 966
 Delta R.T. 0.000 min
 Lab File: BP008527.D
 Acq: 23 Dec 2021 16:34

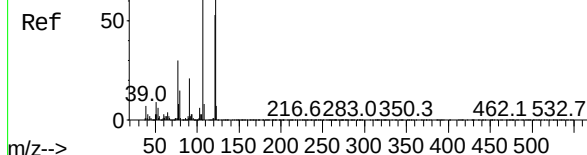
Tgt Ion:	108	Resp:	98341
Ion	Ratio	Lower	Upper
108	100		
107	104.2	88.3	132.5



Abundance Scan 1172 (9.881 min): BP008518.D\data.ms (-1172) (-)

2,4-Dimethylphenol
Concen: 14.216 ng/ul m
RT: 9.881 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BP008527.D
Acq: 23 Dec 2021 16:34

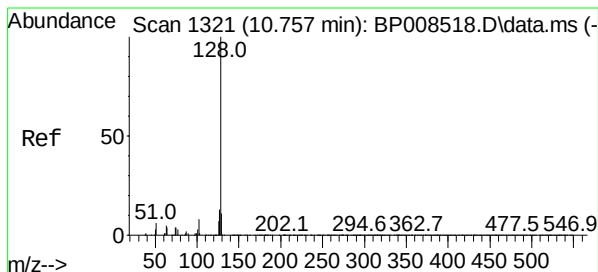
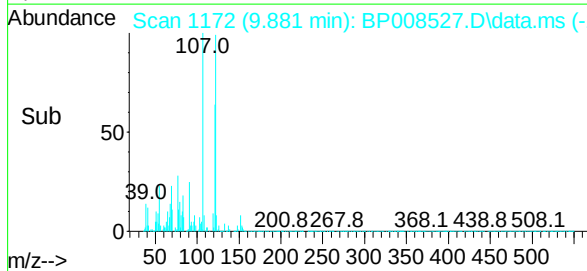
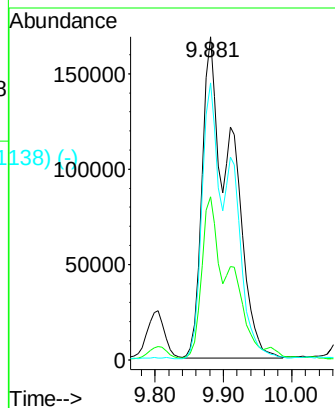
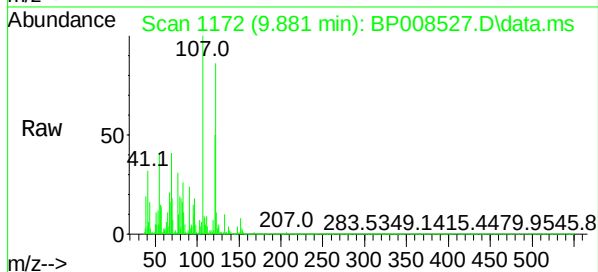
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:107 Resp: 49643
Ion Ratio Lower Upper
107 100
121 50.5 41.6 62.4
122 85.7 68.7 103.1

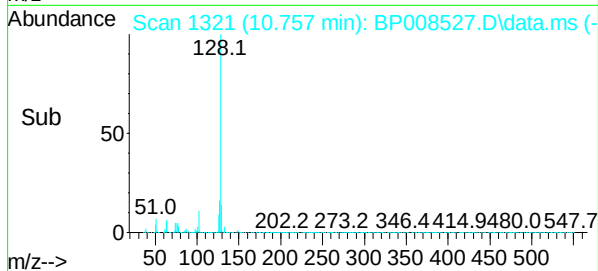
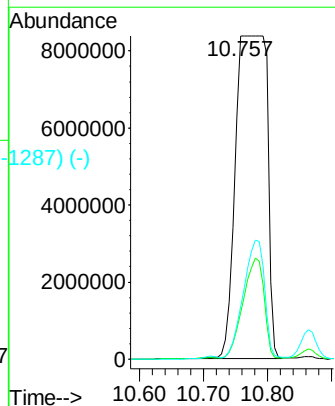
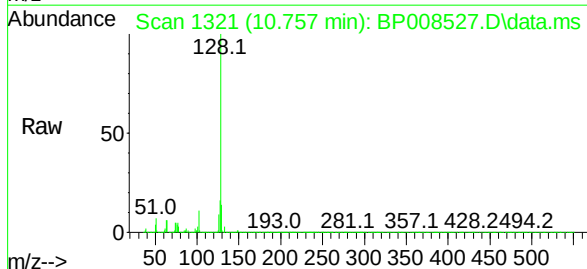
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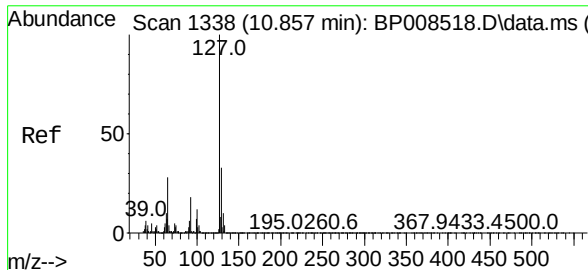
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Supervised By :mohammad ahmed 12/31/2021



Naphthalene
Concen: 272.269 ng/ul m
RT: 10.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BP008527.D
Acq: 23 Dec 2021 16:34

Tgt Ion:128 Resp:28521247
Ion Ratio Lower Upper
128 100
129 14.4 8.8 13.2#
127 16.3 10.0 15.0#





Scan 1338 (10.857 min): BP008518.D\data.ms (-1338) (-)
 4-Chloroaniline
 Concen: 29.411 ng/ul
 RT: 10.863 min Scan# 1339
 Delta R.T. 0.006 min
 Lab File: BP008527.D
 Acq: 23 Dec 2021 16:34

Instrument :

BNA_P

ClientSampleId :

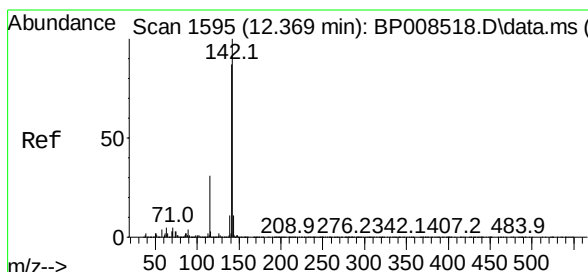
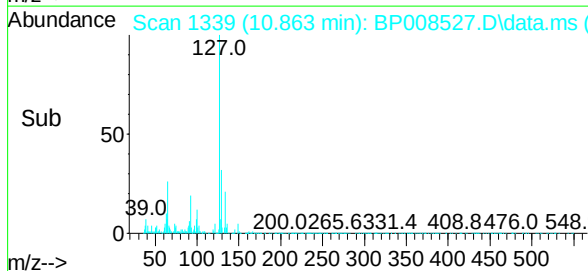
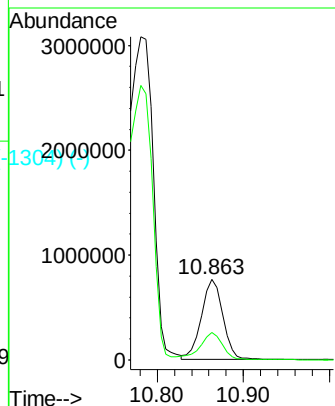
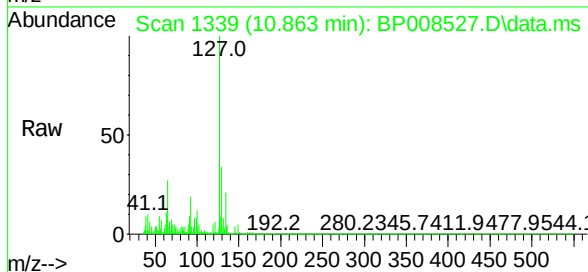
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Tgt Ion:127 Resp: 129756
 Ion Ratio Lower Upper
 127 100
 129 34.0 26.6 39.8

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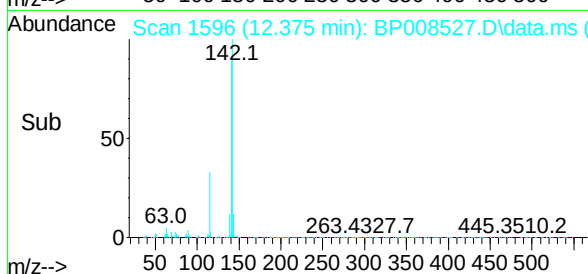
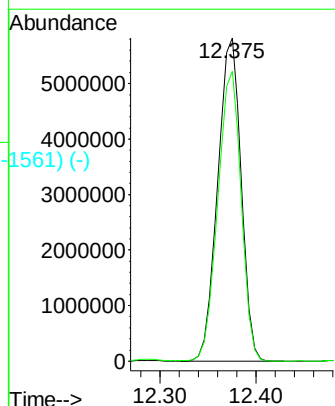
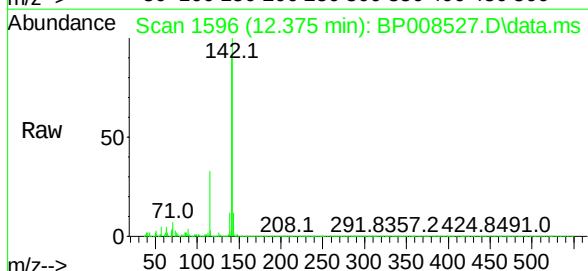
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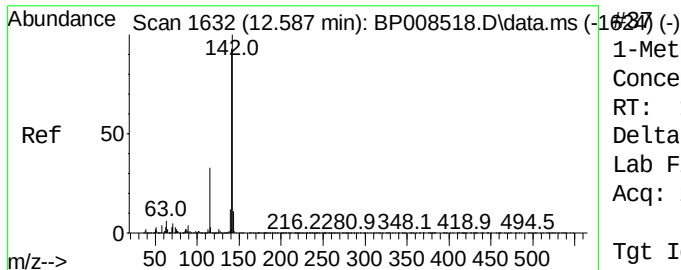
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Scan 1595 (12.369 min): BP008518.D\data.ms (-1595) (-)
 2-Methylnaphthalene
 Concen: 133.377 ng/ul
 RT: 12.375 min Scan# 1596
 Delta R.T. 0.006 min
 Lab File: BP008527.D
 Acq: 23 Dec 2021 16:34

Tgt Ion:142 Resp: 9886513
 Ion Ratio Lower Upper
 142 100
 141 89.7 71.8 107.8





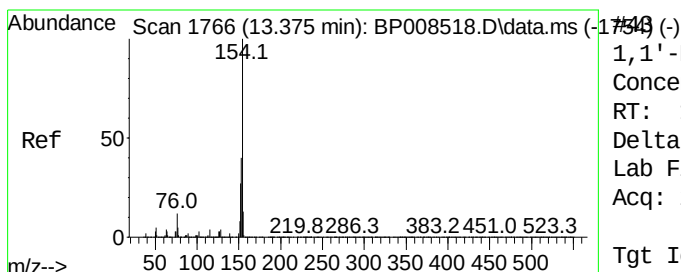
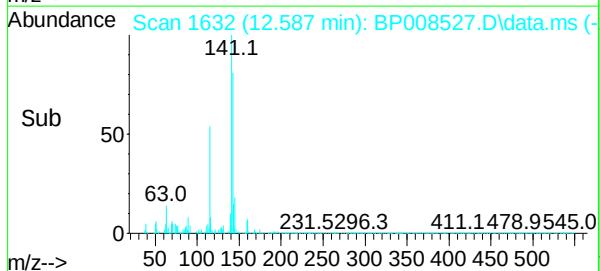
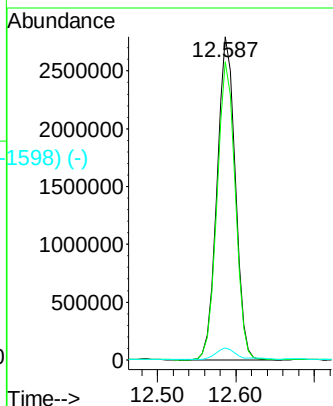
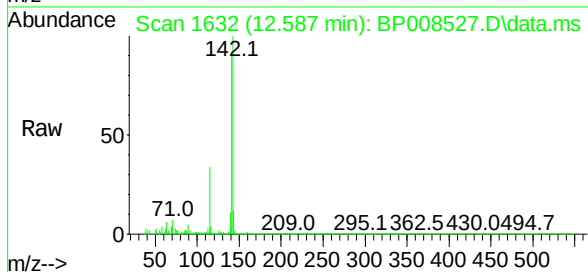
1-Methylnaphthalene
Concen: 59.677 ng/ul
RT: 12.587 min Scan# 1632
Delta R.T. 0.000 min
Lab File: BP008527.D
Acq: 23 Dec 2021 16:34

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Tgt Ion:142 Resp: 450334
Ion Ratio Lower Upper
142 100
141 92.3 73.6 110.4
116 3.7 3.0 4.4

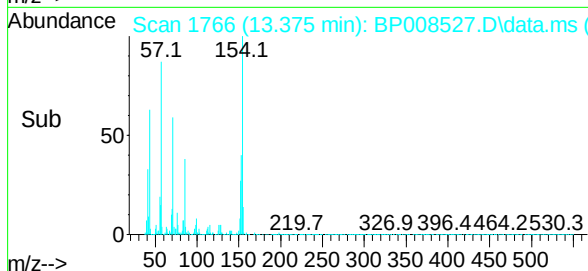
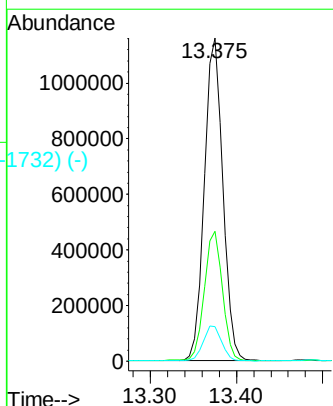
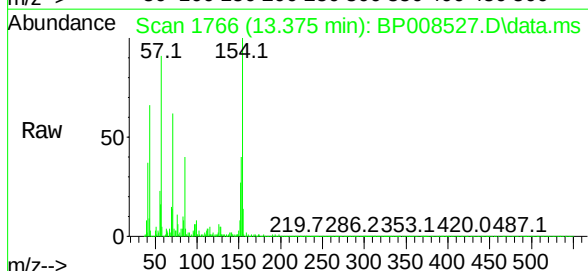
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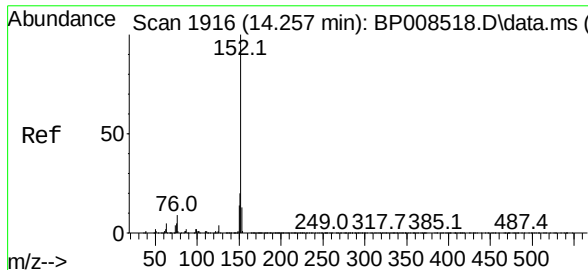
Reviewed By :Jagrut Upadhyay 12/27/2021
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1,1'-Biphenyl
Concen: 16.733 ng/ul
RT: 13.375 min Scan# 1766
Delta R.T. 0.000 min
Lab File: BP008527.D
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Tgt Ion:154 Resp: 1711805
Ion Ratio Lower Upper
154 100
153 40.2 32.1 48.1
76 10.7 9.7 14.5





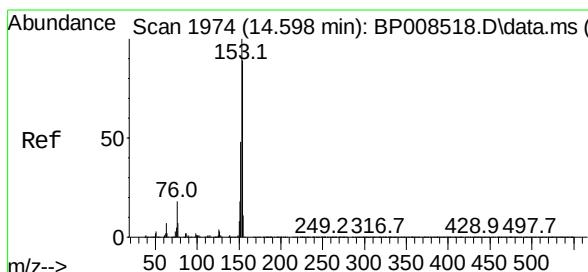
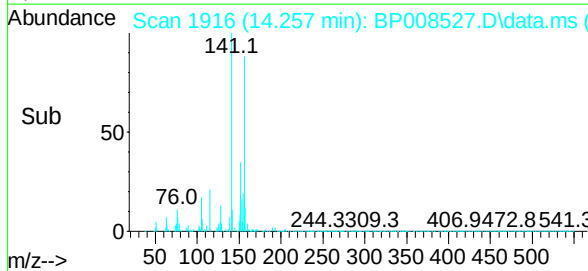
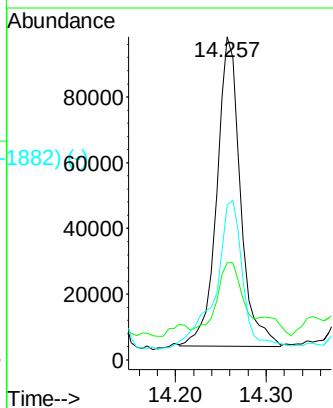
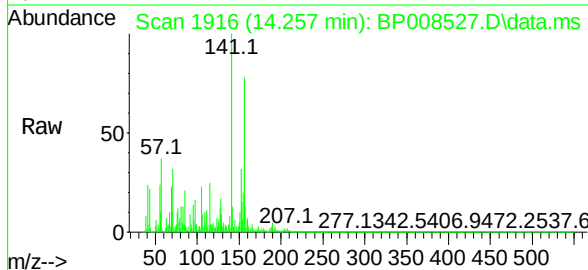
Acenaphthylene
Concen: 1.366 ng/ul
RT: 14.257 min Scan# 1916
Delta R.T. 0.000 min
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Acq: 23 Dec 2021 16:34

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Tgt Ion:	152	Resp:	17038
Ion Ratio	Lower	Upper	
152	100		
151	30.0	16.0	24.0
153	48.0	10.8	16.2

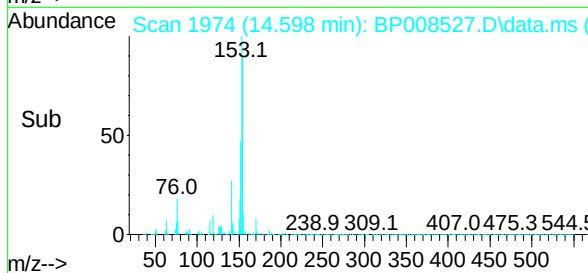
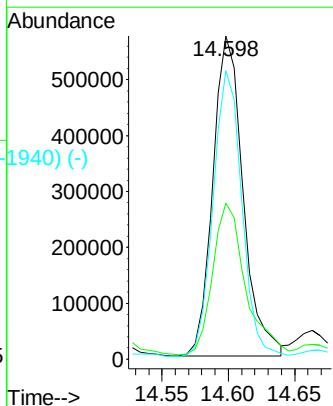
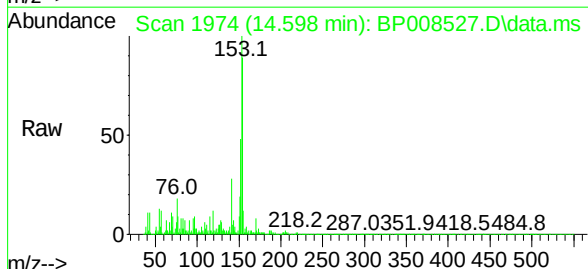
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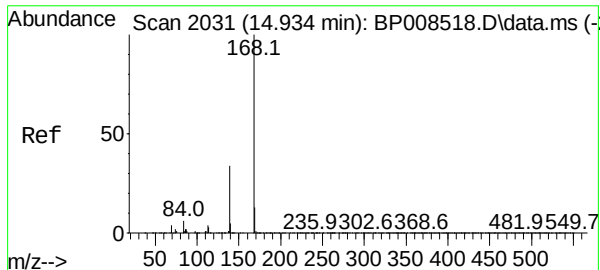
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021



Acenaphthene
Concen: 11.110 ng/ul
RT: 14.598 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BP008527.D
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Tgt Ion:	153	Resp:	905011
Ion Ratio	Lower	Upper	
153	100		
152	48.3	38.3	57.5
154	89.3	71.3	106.9





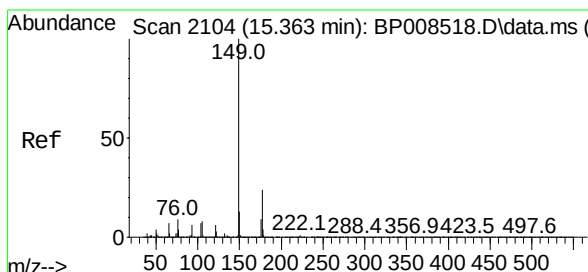
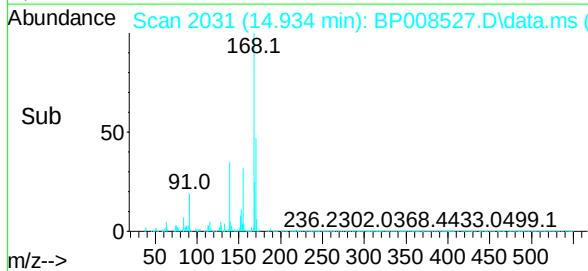
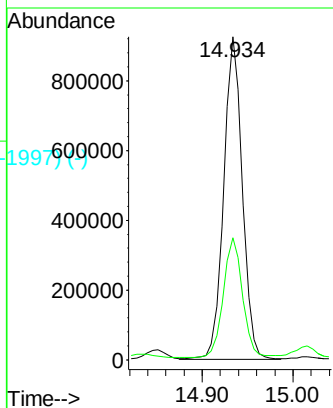
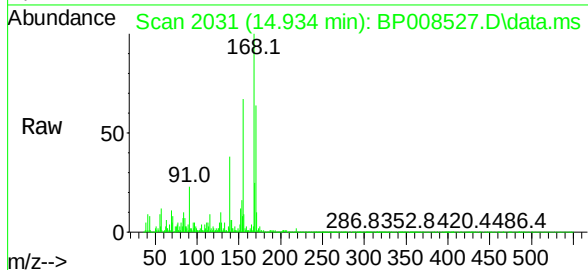
Dibenzo(furan)
Concen: 11.052 ng/ul
RT: 14.934 min Scan# 2031
Delta R.T. 0.000 min
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Tgt Ion:168 Resp: 131645
Ion Ratio Lower Upper
168 100
139 37.8 28.0 42.0

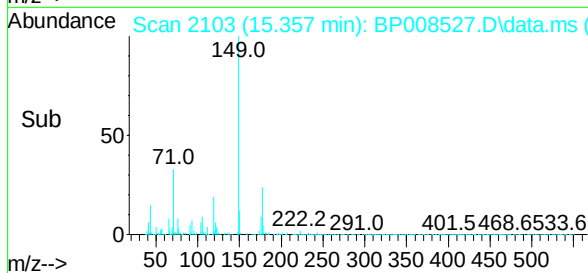
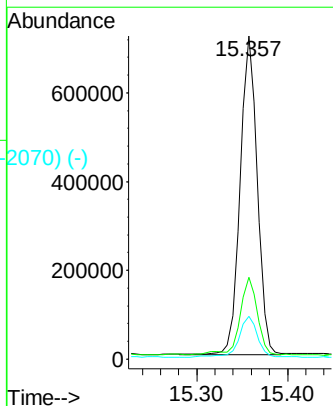
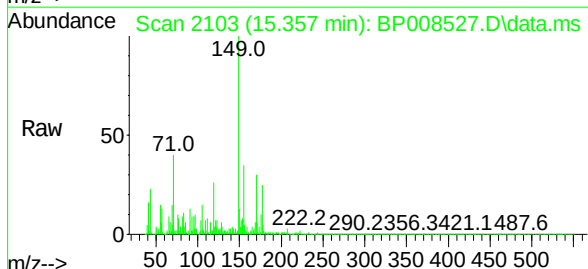
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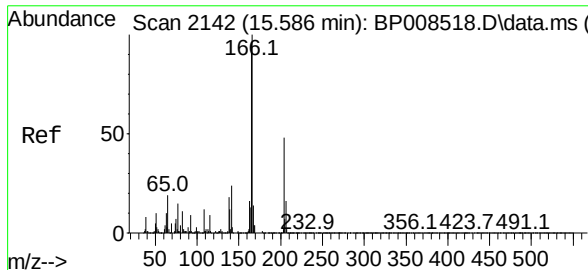
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Diethylphthalate
Concen: 9.894 ng/ul
RT: 15.357 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BP008527.D
Acq: 23 Dec 2021 16:34

Tgt Ion:149 Resp: 940161
Ion Ratio Lower Upper
149 100
177 25.3 18.8 28.2
150 13.2 9.8 14.8





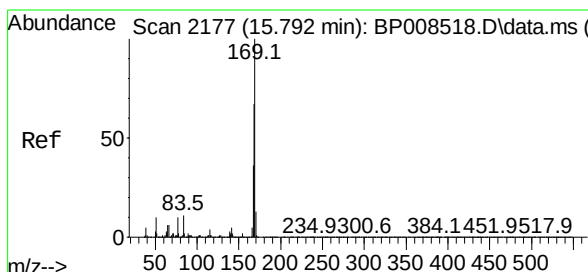
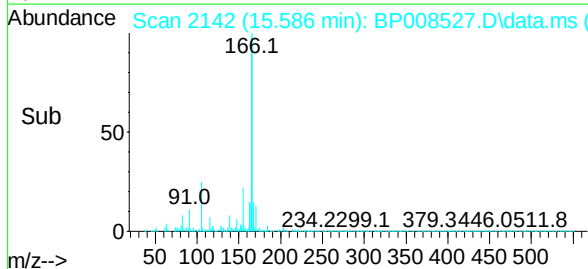
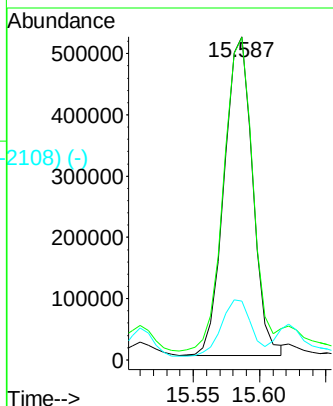
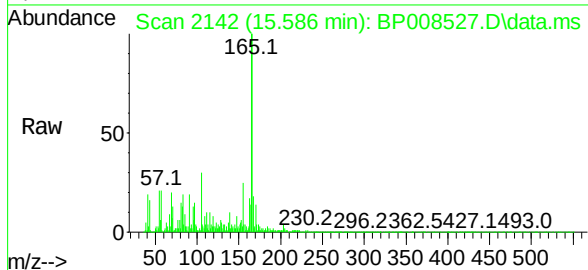
Fluorene
Concen: 8.178 ng/ul
RT: 15.586 min Scan# 2142
Delta R.T. 0.000 min
Lab File: BP008527.D
Acq: 23 Dec 2021 16:34

Instrument :
BNA_P
ClientSampleId :
BGLA5ME

Tgt Ion:166 Resp: 77608
Ion Ratio Lower Upper
166 100
165 99.8 77.4 116.0
167 18.2 11.0 16.4

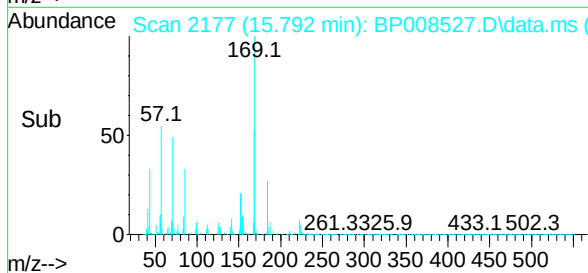
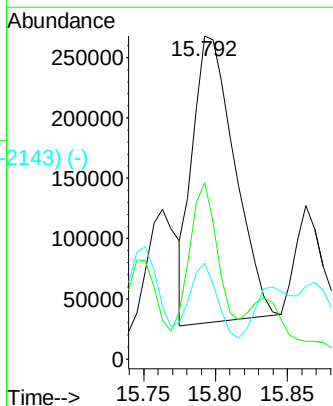
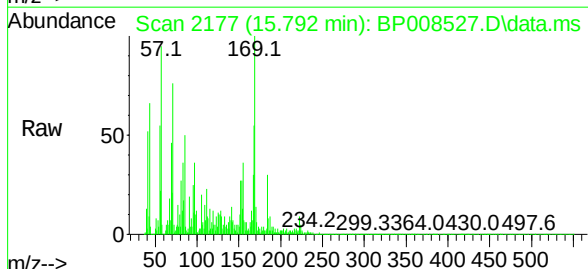
Manual Integrations
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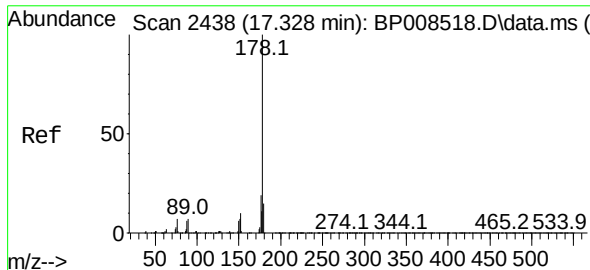
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021



N-Nitrosodiphenylamine
Concen: 6.784 ng/ul
RT: 15.792 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BP008527.D
Acq: 23 Dec 2021 16:34

Tgt Ion:169 Resp: 481263
Ion Ratio Lower Upper
169 100
168 54.6 53.3 79.9
167 29.8 28.7 43.1





Scan 2438 (17.328 min): BP008518.D\data.ms (-2472) (-)
 Phenanthrene
 Concen: 12.261 ng/ul
 RT: 17.328 min Scan# 2438
 Delta R.T. 0.000 min
 Lab File: BP008527.D
 Acq: 23 Dec 2021 16:34

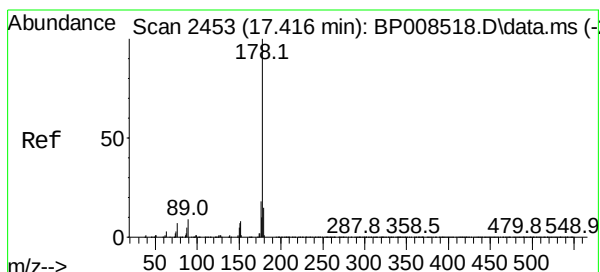
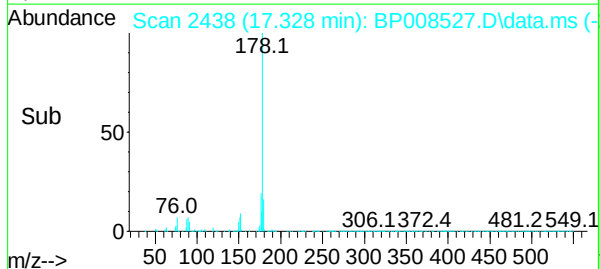
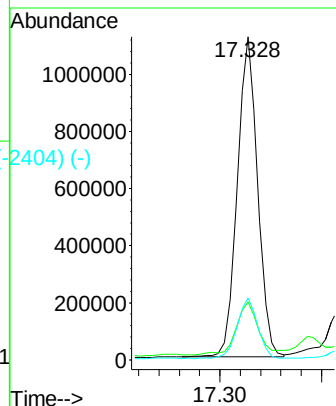
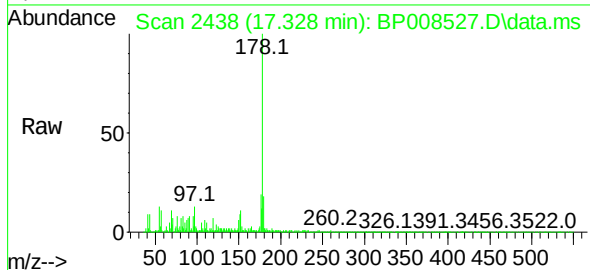
Instrument :
 BNA_P
 Client Sample Id :
 BGLA5ME

Tgt Ion:178 Resp: 156658

Ion	Ratio	Lower	Upper
178	100		
179	17.9	12.3	18.5
176	19.2	15.4	23.2

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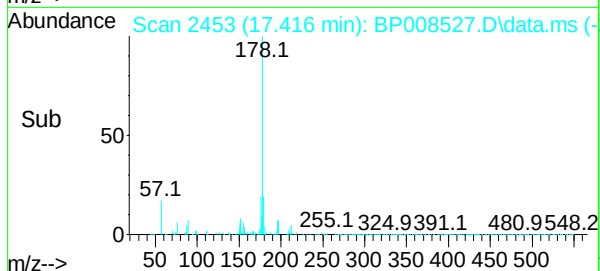
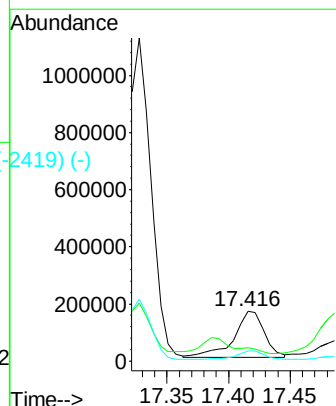
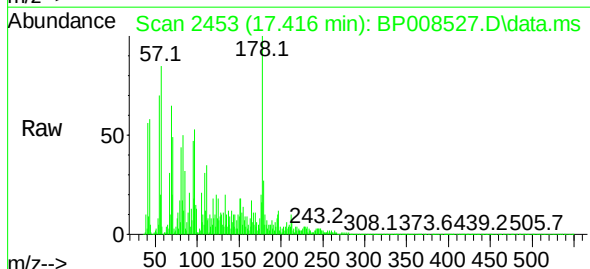
Reviewed By :Jagrut Upadhyay 12/27/2021
 Supervised By :mohammad ahmed 12/31/2021

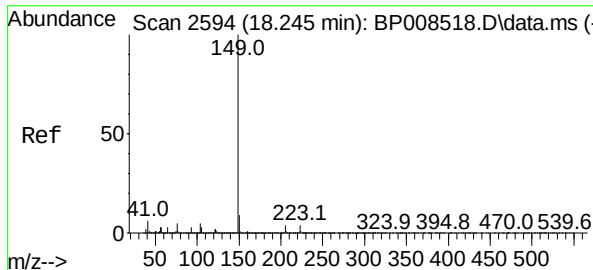


Scan 2453 (17.416 min): BP008518.D\data.ms (-2476) (-)
 Anthracene
 Concen: 2.190 ng/ul m
 RT: 17.416 min Scan# 2453
 Delta R.T. 0.000 min
 Lab File: BP008527.D
 Acq: 23 Dec 2021 16:34

Tgt Ion:178 Resp: 280580

Ion	Ratio	Lower	Upper
178	100		
179	27.1	12.4	18.6#
176	20.5	14.8	22.2





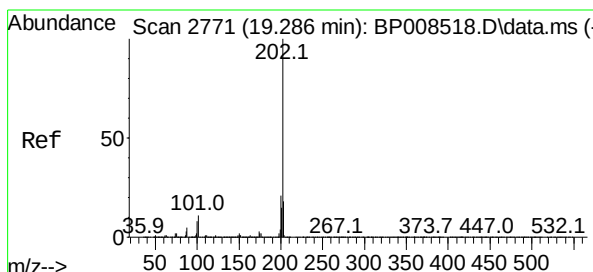
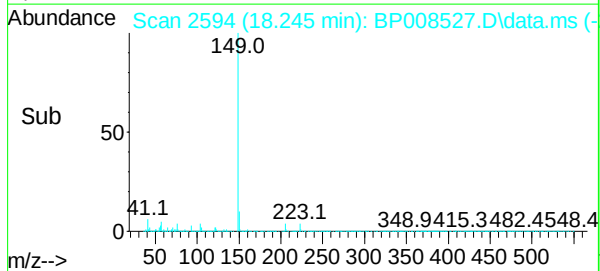
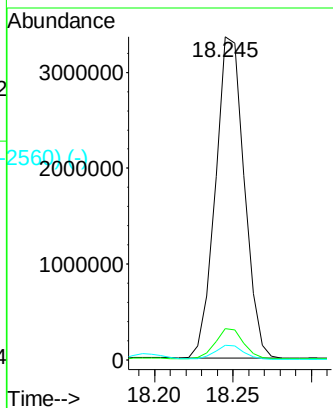
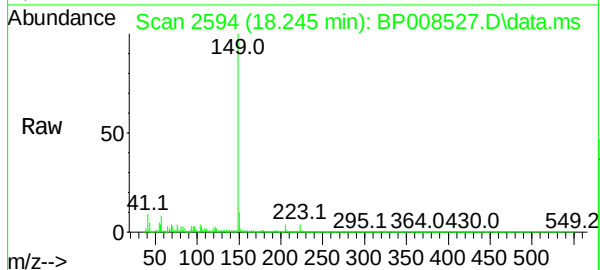
Scan 2594 (18.245 min): BP008518.D\data.ms (-2569) (-)
 Di-n-butylphthalate
 Concen: 33.414 ng/ul
 RT: 18.245 min Scan# 2594
 Delta R.T. 0.000 min
 Lab File: BP008527.D
 Acq: 23 Dec 2021 16:34

Instrument :
 BNA_P
 Client Sample Id :
 BGLA5ME

Tgt Ion:	149	Resp:	425939
Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.4	11.2
104	4.5	3.6	5.4

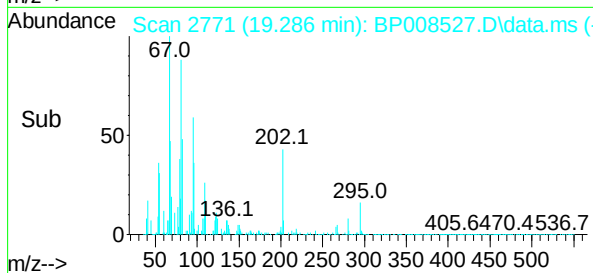
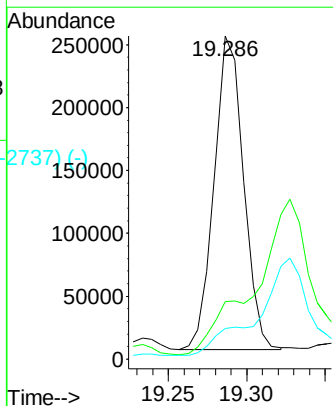
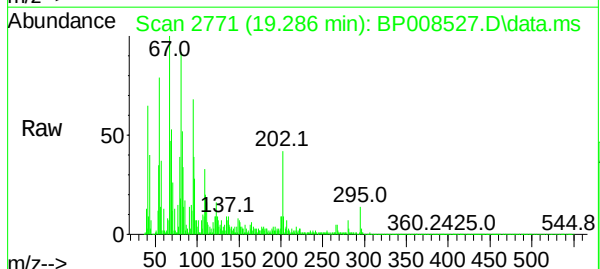
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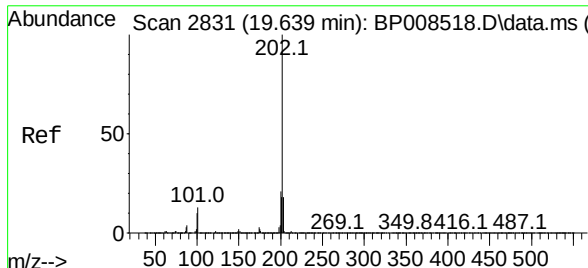
Reviewed By :Jagrut Upadhyay 12/27/2021
 Supervised By :mohammad ahmed 12/31/2021



Scan 2771 (19.286 min): BP008518.D\data.ms (-2780) (-)
 Fluoranthene
 Concen: 2.349 ng/ul
 RT: 19.286 min Scan# 2771
 Delta R.T. 0.000 min
 Lab File: BP008527.D
 Acq: 23 Dec 2021 16:34

Tgt Ion:	202	Resp:	323557
Ion	Ratio	Lower	Upper
202	100		
101	17.9	9.0	13.4#
100	9.4	6.6	10.0





Pyrene
Concen: 2.247 ng/ul
RT: 19.639 min Scan# 2831
Delta R.T. 0.000 min
Lab File: BP008527.D
Acq: 23 Dec 2021 16:34

Instrument :

BNA_P

Client SampleId :

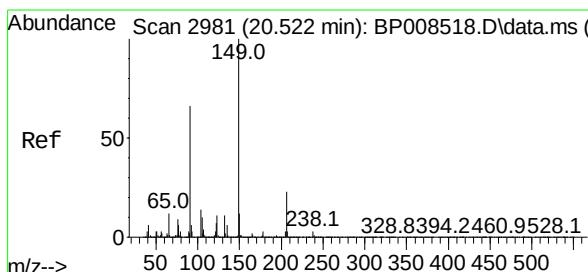
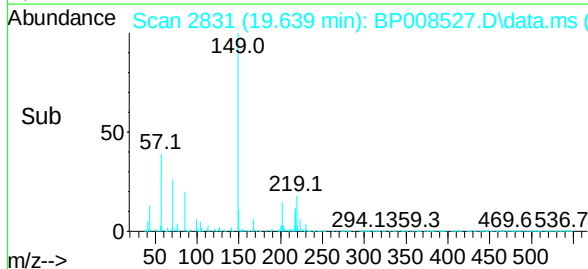
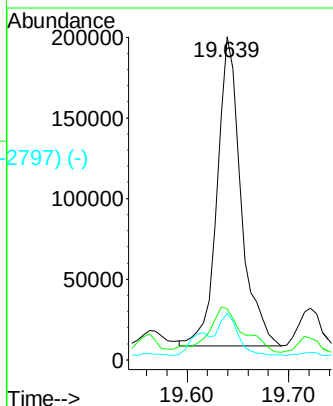
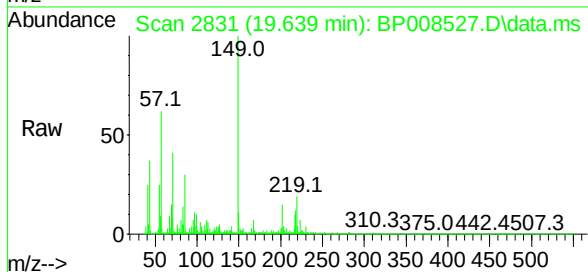
BGLA5ME

Tgt Ion:	202	Resp:	3119
Ion Ratio	Lower	Upper	
202	100		
101	15.9	10.3	15.5
100	14.4	8.6	13.0

Manual Integrations

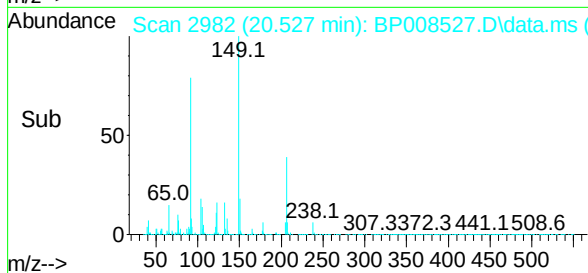
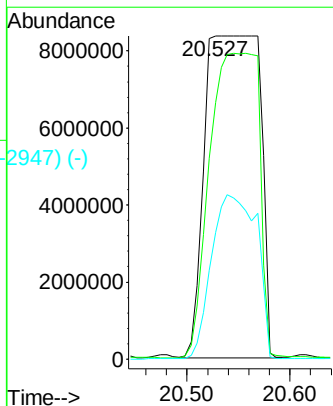
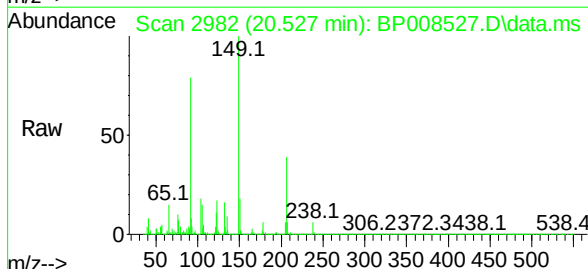
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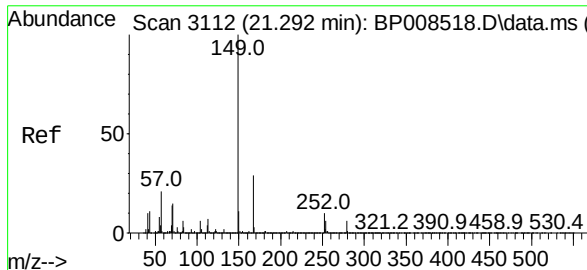
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021



Butylbenzylphthalate
Concen: 658.847 ng/ul m
RT: 20.527 min Scan# 2982
Delta R.T. 0.006 min
Lab File: BP008527.D
Acq: 23 Dec 2021 16:34

Tgt Ion:	149	Resp:	30991802
Ion Ratio	Lower	Upper	
149	100		
91	79.3	53.4	80.2
206	39.2	18.2	27.2#





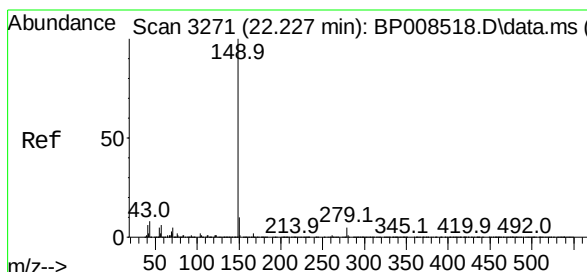
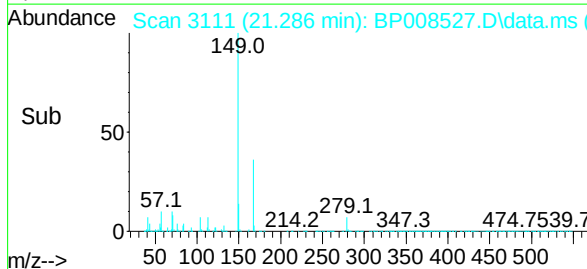
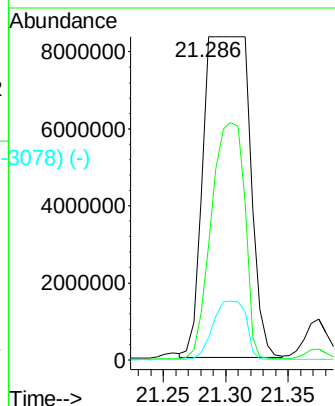
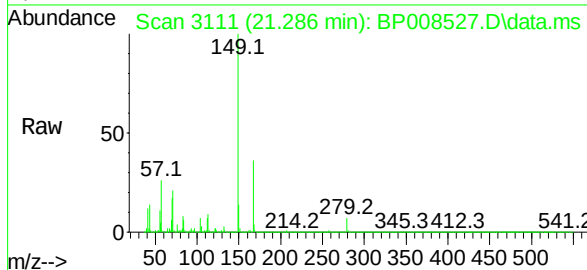
Bis(2-ethylhexyl)phthalate
 Concen: 299.047 ng/ul m
 RT: 21.286 min Scan# 3111
 Delta R.T. -0.006 min
 Lab File: BP008527.D
 Acq: 23 Dec 2021 16:34

Instrument :
 BNA_P
 ClientSampleId :
 BGLA5ME

Tgt Ion:149 Resp:2135129
 Ion Ratio Lower Upper
 149 100
 167 35.7 23.0 34.4
 279 6.9 3.7 5.9

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Reviewed By :Jagrut Upadhyay 12/27/2021
 Supervised By :mohammad ahmed 12/31/2021



Di-n-octyl phthalate
 Concen: 55.548 ng/ul
 RT: 22.233 min Scan# 3272
 Delta R.T. 0.006 min
 Lab File: BP008527.D
 Acq: 23 Dec 2021 16:34

Tgt Ion:149 Resp: 7823529

