

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
 Data File : BP019927.D
 Acq On : 28 Feb 2024 21:09
 Operator : MA/JU
 Sample : P1610-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SU-02-02272024MSD

Quant Time: Feb 29 00:36:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 02:05:05 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
 Supervised By :mohammad ahmed 03/01/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	115834	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	459031	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	310646	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	569467	20.000	ng	0.00
76) Chrysene-d12	21.416	240	466550	20.000	ng	0.00
86) Perylene-d12	23.857	264	544996	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	310157	43.949	ng	0.00
7) Phenol-d6	7.075	99	431816	41.098	ng	0.00
23) Nitrobenzene-d5	9.075	82	298676	26.268	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	220987	41.488	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	731838	31.830	ng	0.00
79) Terphenyl-d14	19.880	244	907461	30.657	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.364	88	69363	28.417	ng	98
3) Pyridine	3.770	79	199169	26.678	ng	97
4) n-Nitrosodimethylamine	3.693	42	113428	36.869	ng	99
6) Aniline	7.228	93	304909	23.656	ng	96
8) 2-Chlorophenol	7.463	128	325663	42.794	ng	98
9) Benzaldehyde	7.046	77	43657m	7.279	ng	
10) Phenol	7.105	94	415730	39.680	ng	97
11) bis(2-Chloroethyl)ether	7.334	93	307955	37.320	ng	99
12) 1,3-Dichlorobenzene	7.781	146	359078	43.460	ng	98
13) 1,4-Dichlorobenzene	7.934	146	370077	44.232	ng	100
14) 1,2-Dichlorobenzene	8.246	146	358676	42.735	ng	99
15) Benzyl Alcohol	8.152	79	330709m	35.678	ng	
16) 2,2'-oxybis(1-Chloropr...	8.422	45	302134m	34.293	ng	
17) 2-Methylphenol	8.358	107	282814	36.093	ng	99
18) Hexachloroethane	8.963	117	78839	24.317	ng	97
19) n-Nitroso-di-n-propyla...	8.722	70	259513	32.695	ng	98
20) 3+4-Methylphenols	8.687	107	385599	34.248	ng	97
22) Acetophenone	8.734	105	520180	36.487	ng	98
24) Nitrobenzene	9.116	77	400490	36.383	ng	97
25) Isophorone	9.646	82	723792	36.573	ng	100
26) 2-Nitrophenol	9.822	139	135997	30.876	ng	99
27) 2,4-Dimethylphenol	9.887	122	255381	35.122	ng	98
28) bis(2-Chloroethoxy)met...	10.128	93	412769	37.373	ng	98
29) 2,4-Dichlorophenol	10.357	162	357451	44.073	ng	99
30) 1,2,4-Trichlorobenzene	10.563	180	408287	45.822	ng	99
31) Naphthalene	10.752	128	1018654	41.447	ng	99
32) Benzoic acid	10.093	122	236794	38.438	ng	96
33) 4-Chloroaniline	10.881	127	264688	23.704	ng	98
34) Hexachlorobutadiene	11.016	225	297375	45.895	ng	98
35) Caprolactam	11.716	113	101401	33.903	ng	93
36) 4-Chloro-3-methylphenol	12.016	107	387415	38.722	ng	99
37) 2-Methylnaphthalene	12.369	142	738440	38.705	ng	99
38) 1-Methylnaphthalene	12.587	142	699395	38.741	ng	98
40) 1,2,4,5-Tetrachloroben...	12.734	216	531029	50.043	ng	99
41) Hexachlorocyclopentadiene	12.693	237	27698	5.041	ng	99
43) 2,4,6-Trichlorophenol	12.981	196	332796	47.499	ng	98

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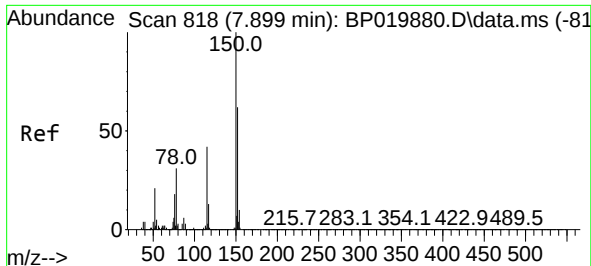
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	353387	42.342	ng	98
46) 1,1'-Biphenyl	13.381	154	1007280	45.286	ng	98
47) 2-Chloronaphthalene	13.422	162	810660	46.956	ng	98
48) 2-Nitroaniline	13.645	65	278175	44.581	ng	98
49) Acenaphthylene	14.269	152	1241052	44.371	ng	100
50) Dimethylphthalate	14.022	163	1011150	39.873	ng	100
51) 2,6-Dinitrotoluene	14.145	165	189626	34.744	ng	99
52) Acenaphthene	14.610	154	697524	41.533	ng	100
53) 3-Nitroaniline	14.475	138	211356	39.122	ng	99
54) 2,4-Dinitrophenol	14.698	184	16274	4.574	ng	97
55) Dibenzofuran	14.951	168	1193942	41.656	ng	99
56) 4-Nitrophenol	14.798	139	310982	73.584	ng	97
57) 2,4-Dinitrotoluene	14.940	165	251994	32.442	ng	93
58) Fluorene	15.604	166	936657	40.294	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.181	232	313176	40.899	ng	96
60) Diethylphthalate	15.387	149	990999	39.556	ng	98
61) 4-Chlorophenyl-phenyle...	15.598	204	554049	41.676	ng	98
62) 4-Nitroaniline	15.645	138	226204m	40.198	ng	
63) Azobenzene	15.892	77	873151	37.438	ng	99
65) 4,6-Dinitro-2-methylph...	15.704	198	13115	3.393	ng	92
66) n-Nitrosodiphenylamine	15.822	169	812964	49.752	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	355025	50.420	ng	98
68) Hexachlorobenzene	16.604	284	380683	50.131	ng	99
69) Atrazine	16.787	200	283572	41.475	ng	99
70) Pentachlorophenol	16.957	266	446006	79.460	ng	99
71) Phenanthrene	17.357	178	1292229	42.513	ng	100
72) Anthracene	17.445	178	1318609	42.496	ng	100
73) Carbazole	17.728	167	1095760	39.872	ng	100
74) Di-n-butylphthalate	18.275	149	1467461	42.695	ng	99
75) Fluoranthene	19.328	202	1393939	35.336	ng	99
77) Benzidine	19.516	184	567019	42.310	ng	99
78) Pyrene	19.680	202	1418976	44.267	ng	100
80) Butylbenzylphthalate	20.569	149	527369	41.142	ng	95
81) Benzo(a)anthracene	21.404	228	1437564	43.408	ng	99
82) 3,3'-Dichlorobenzidine	21.333	252	494944	38.967	ng	100
83) Chrysene	21.457	228	1324712	42.688	ng	99
84) Bis(2-ethylhexyl)phtha...	21.333	149	778002	42.282	ng	# 97
85) Di-n-octyl phthalate	22.274	149	1306404	42.661	ng	99
87) Indeno(1,2,3-cd)pyrene	26.445	276	1717315	44.759	ng	99
88) Benzo(b)fluoranthene	23.116	252	1487456	44.517	ng	97
89) Benzo(k)fluoranthene	23.163	252	1356904	41.408	ng	99
90) Benzo(a)pyrene	23.751	252	1318240	41.283	ng	99
91) Dibenzo(a,h)anthracene	26.457	278	1429917	44.332	ng	98
92) Benzo(g,h,i)perylene	27.221	276	1345212	43.203	ng	97

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



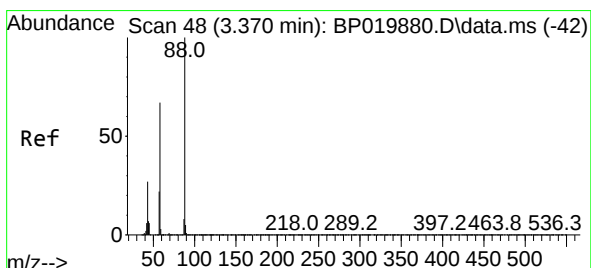
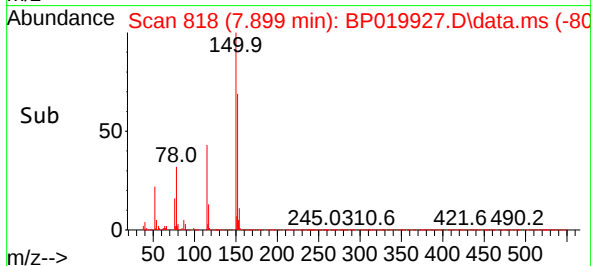
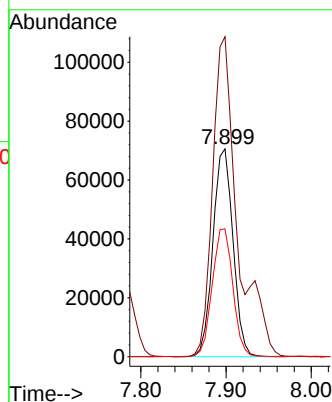
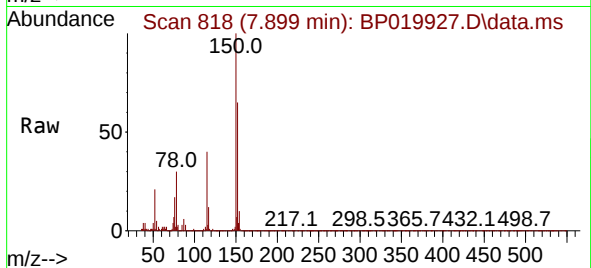
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD

Tgt Ion:152 Resp: 115834
Ion Ratio Lower Upper
152 100
150 153.9 128.6 192.8
115 61.5 53.4 80.2

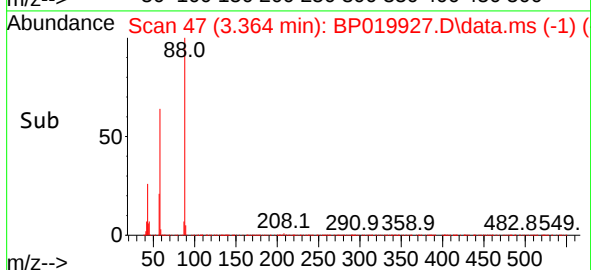
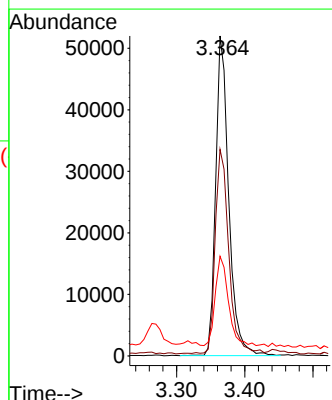
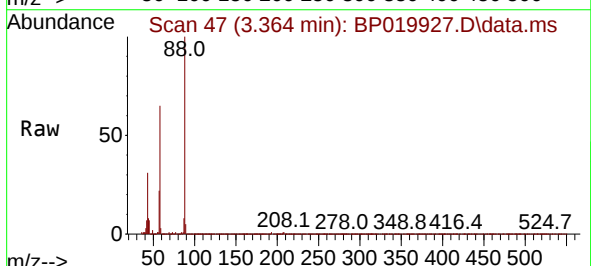
Manual Integrations
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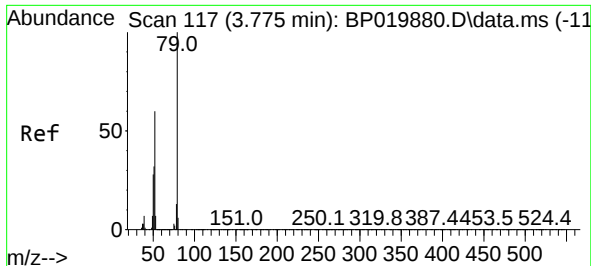
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#2
1,4-Dioxane
Concen: 28.417 ng
RT: 3.364 min Scan# 47
Delta R.T. -0.006 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

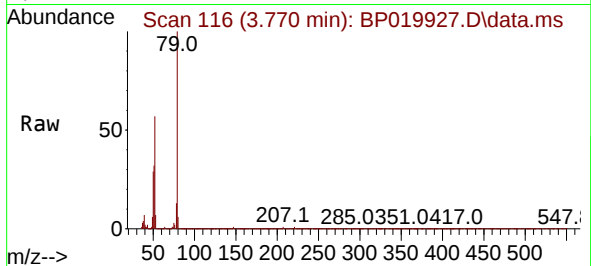
Tgt Ion: 88 Resp: 69363
Ion Ratio Lower Upper
88 100
58 66.3 52.0 78.0
43 27.9 21.6 32.4





#3
Pyridine
Concen: 26.678 ng
RT: 3.770 min Scan# 117
Delta R.T. -0.005 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

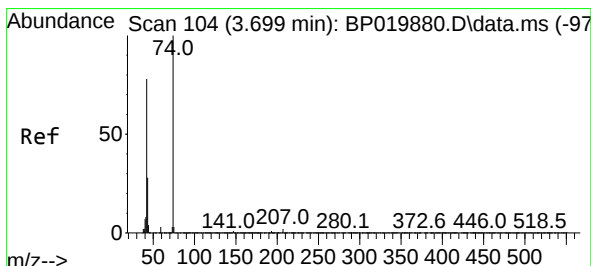
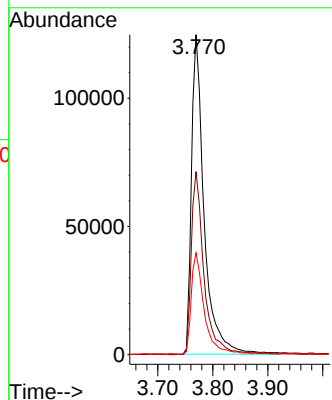
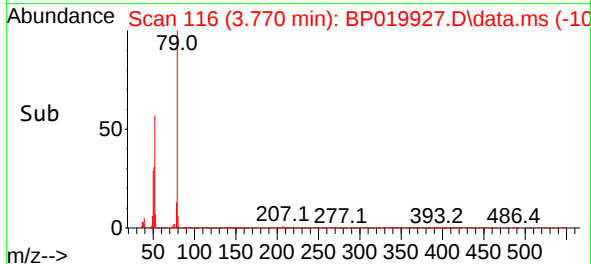
Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD



Tgt Ion: 79 Resp: 199169
Ion Ratio Lower Upper
79 100
52 57.2 47.8 71.8
51 31.8 26.2 39.2

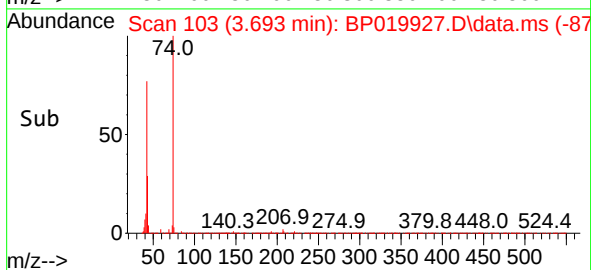
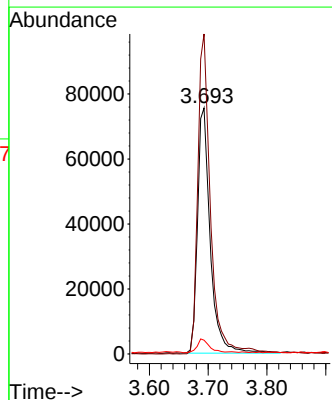
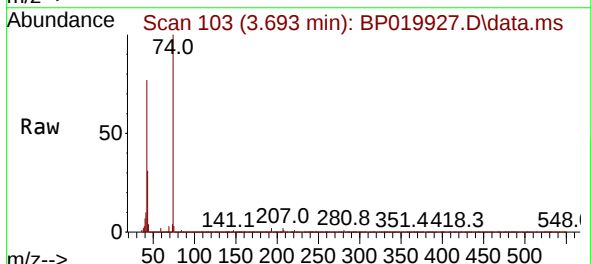
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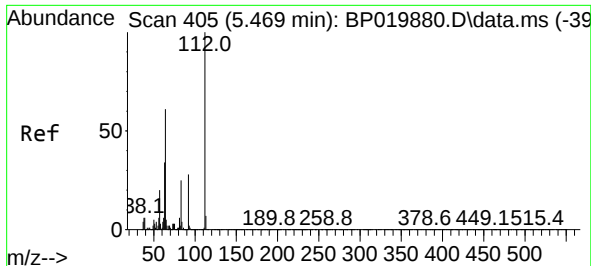
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#4
n-Nitrosodimethylamine
Concen: 36.869 ng
RT: 3.693 min Scan# 103
Delta R.T. -0.006 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

Tgt Ion: 42 Resp: 113428
Ion Ratio Lower Upper
42 100
74 130.1 103.0 154.4
44 5.6 4.6 6.8





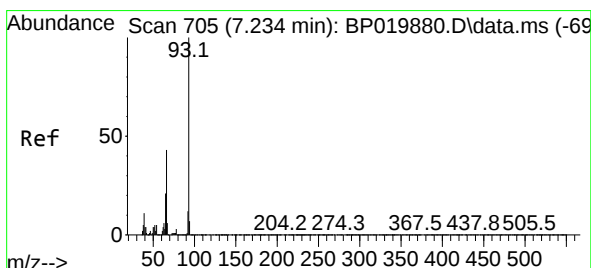
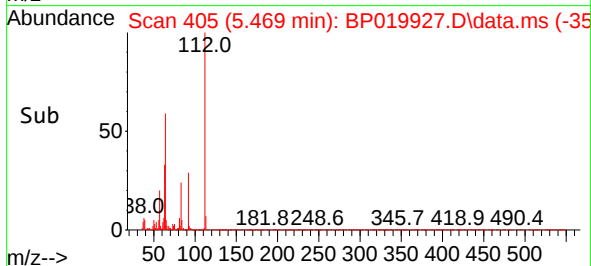
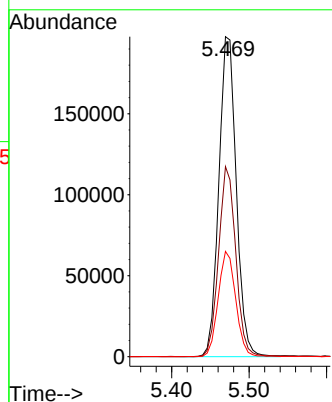
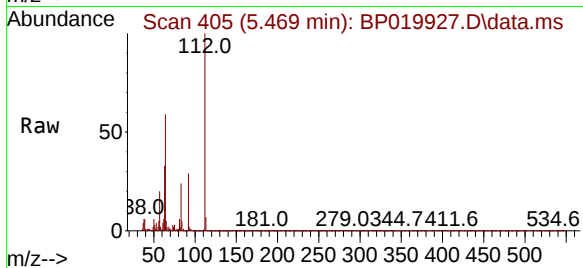
#5
2-Fluorophenol
Concen: 43.949 ng
RT: 5.469 min Scan# 405
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD

Tgt Ion:112 Resp: 31015
Ion Ratio Lower Upper
112 100
64 59.4 49.0 73.6
63 32.9 27.6 41.4

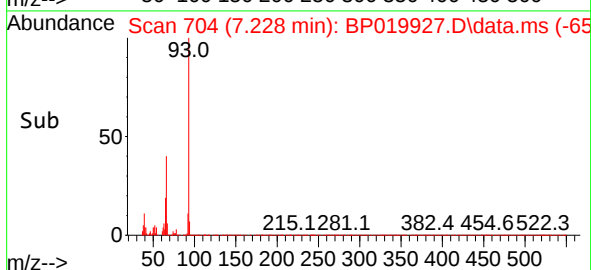
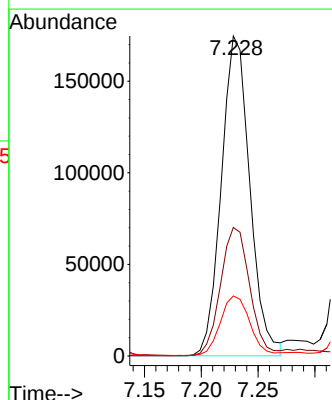
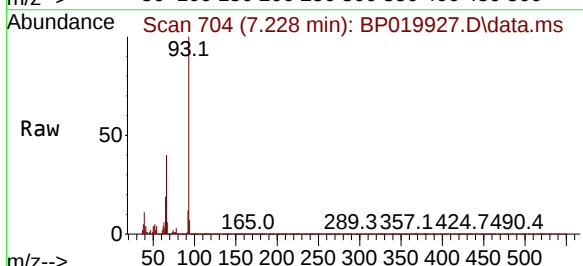
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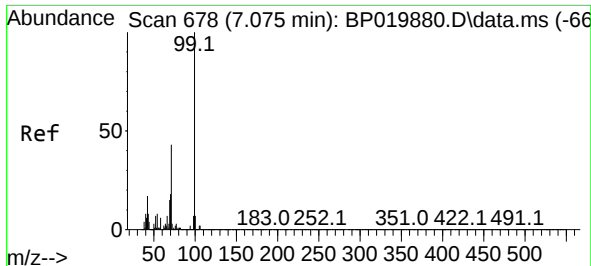
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#6
Aniline
Concen: 23.656 ng
RT: 7.228 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

Tgt Ion: 93 Resp: 304909
Ion Ratio Lower Upper
93 100
66 40.2 34.5 51.7
65 18.7 16.5 24.7





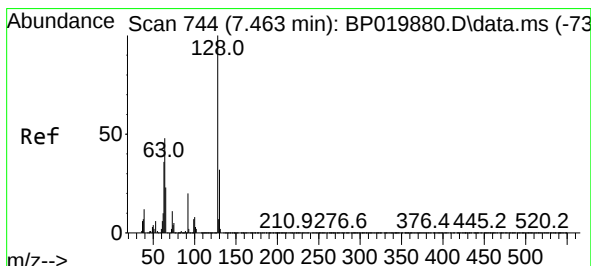
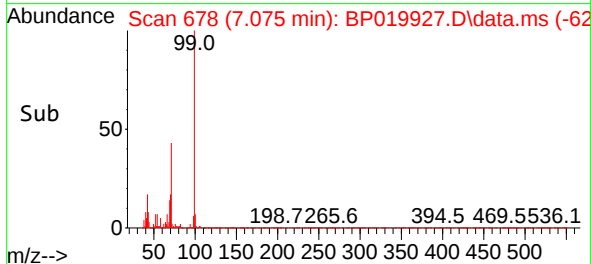
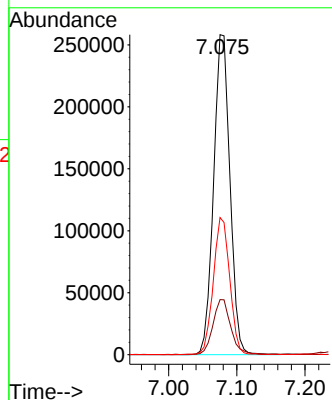
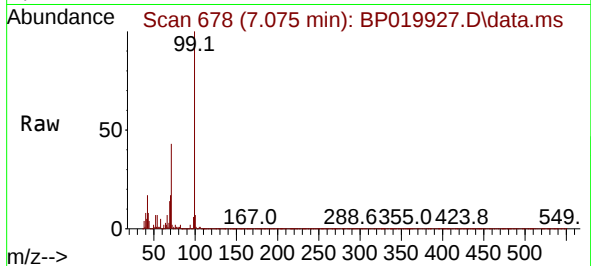
#7
Phenol-d6
Concen: 41.098 ng
RT: 7.075 min Scan# 678
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD

Tgt Ion: 99 Resp: 431810
Ion Ratio Lower Upper
99 100
42 17.2 13.8 20.8
71 42.9 34.5 51.7

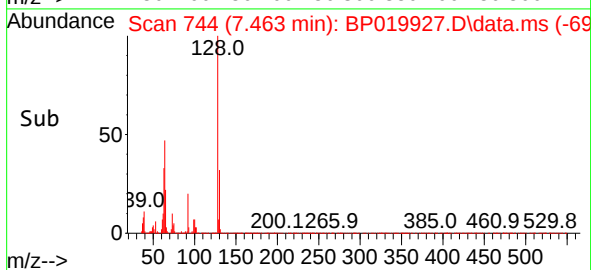
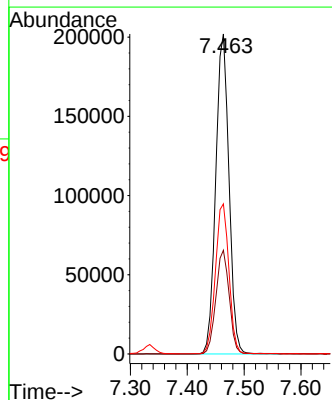
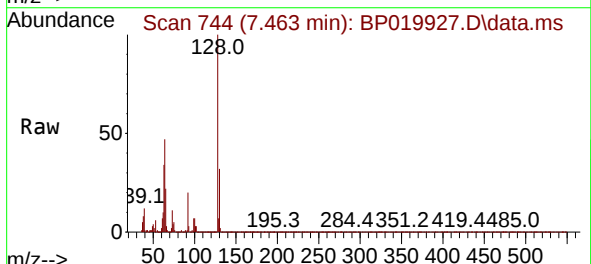
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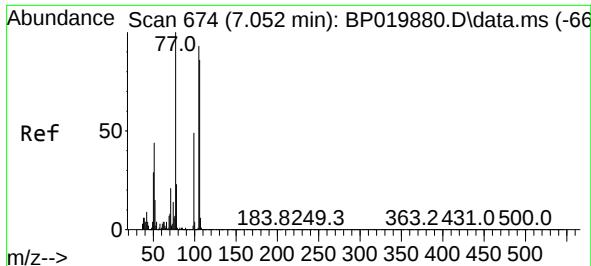
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#8
2-Chlorophenol
Concen: 42.794 ng
RT: 7.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

Tgt Ion:128 Resp: 325663
Ion Ratio Lower Upper
128 100
130 32.4 12.3 52.3
64 46.9 29.2 69.2





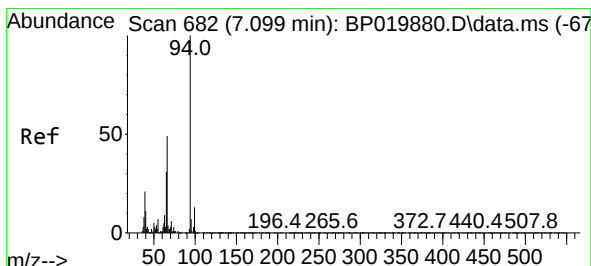
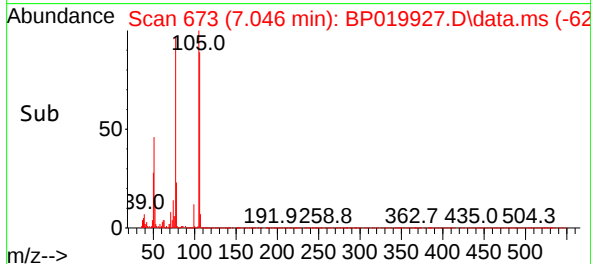
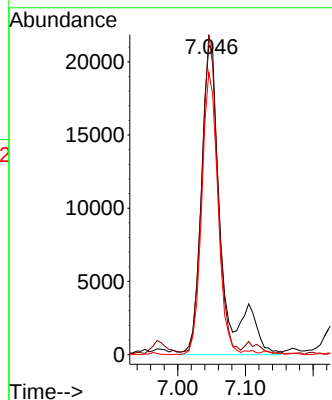
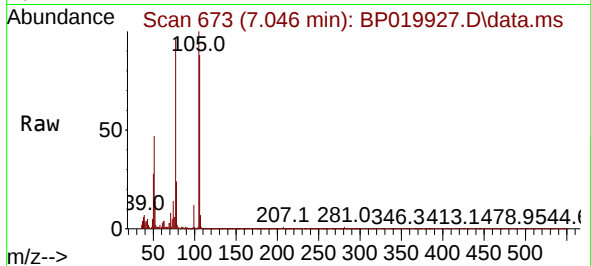
#9
Benzaldehyde
Concen: 7.279 ng m
RT: 7.046 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD

Tgt Ion: 77 Resp: 4365
Ion Ratio Lower Upper
77 100
105 103.4 73.2 113.2
106 91.3 66.3 106.3

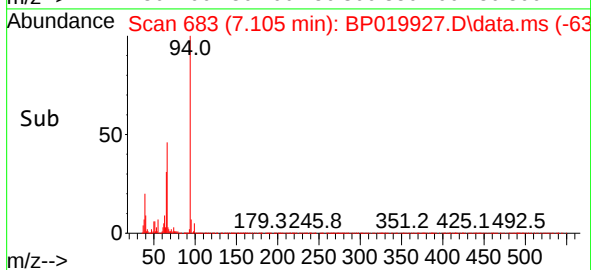
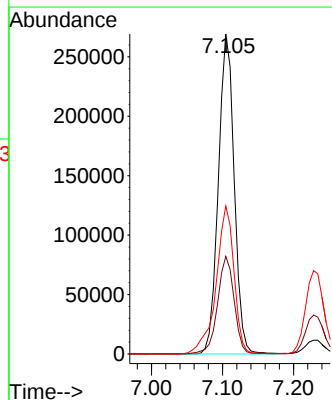
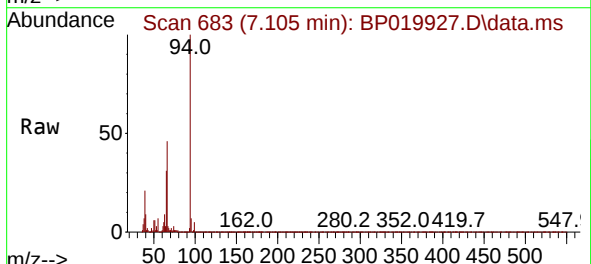
Manual Integrations
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Supervised By :mohammad ahmed 03/01/2024



#10
Phenol
Concen: 39.680 ng
RT: 7.105 min Scan# 683
Delta R.T. 0.006 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

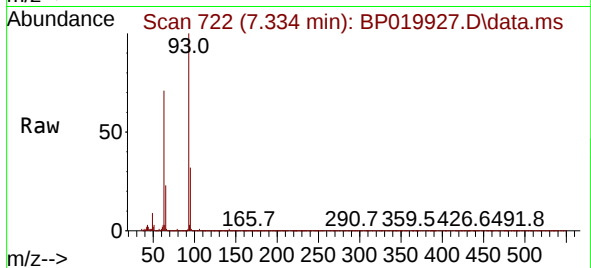
Tgt Ion: 94 Resp: 415730
Ion Ratio Lower Upper
94 100
65 30.5 11.5 51.5
66 46.3 29.2 69.2





#11
bis(2-Chloroethyl)ether
Concen: 37.320 ng
RT: 7.334 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

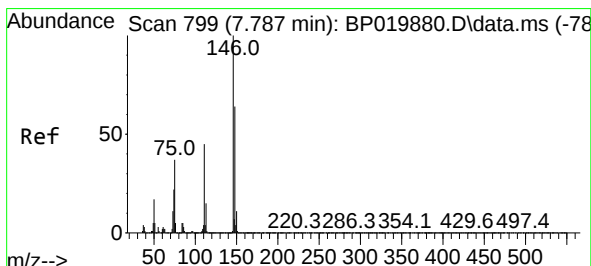
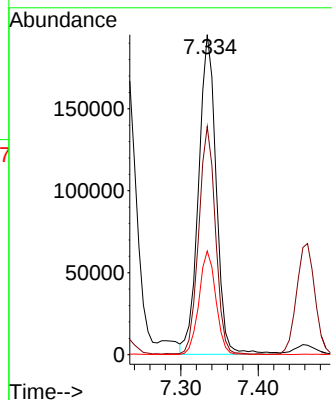
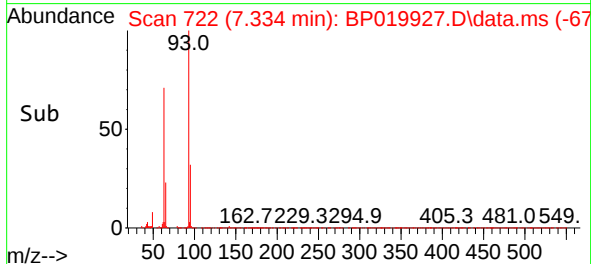
Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD



Tgt Ion: 93 Resp: 30795
Ion Ratio Lower Upper
93 100
63 71.3 52.0 92.0
95 32.4 11.6 51.6

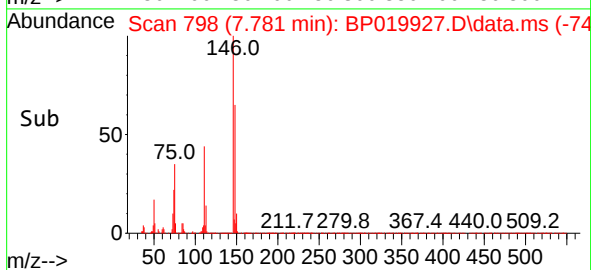
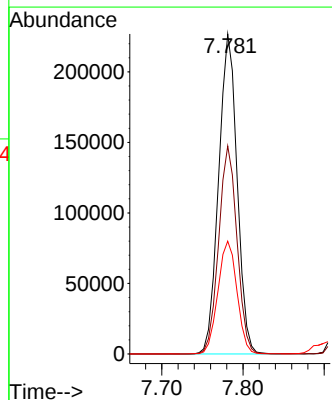
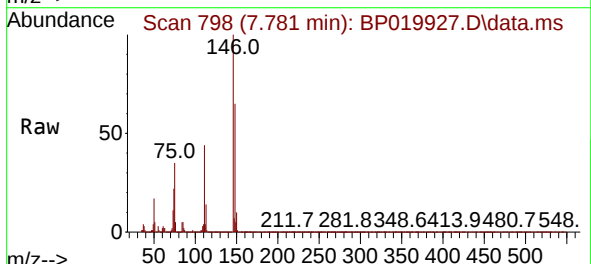
Manual Integrations
APPROVED

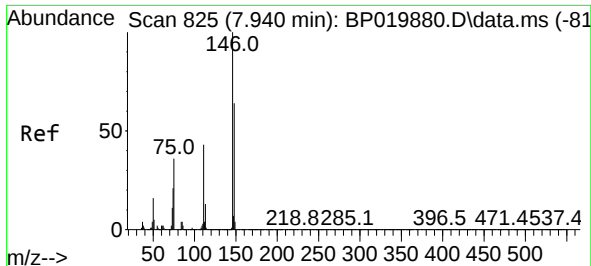
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#12
1,3-Dichlorobenzene
Concen: 43.460 ng
RT: 7.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

Tgt Ion:146 Resp: 359078
Ion Ratio Lower Upper
146 100
148 65.0 51.3 76.9
75 35.3 29.8 44.8





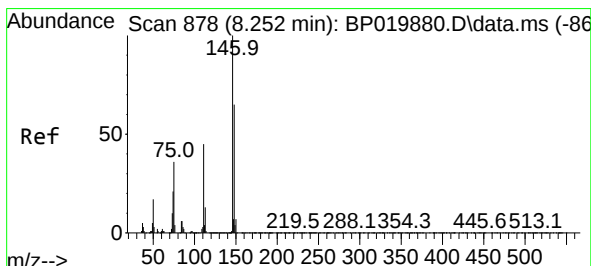
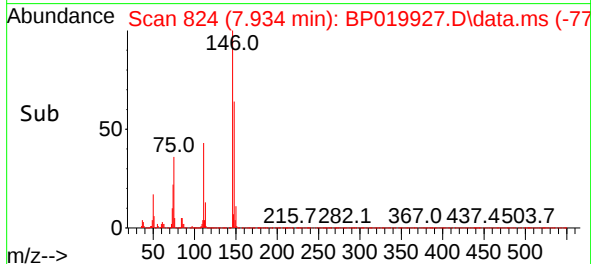
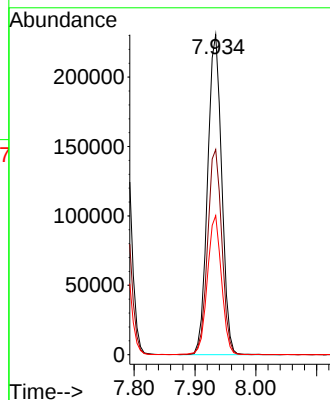
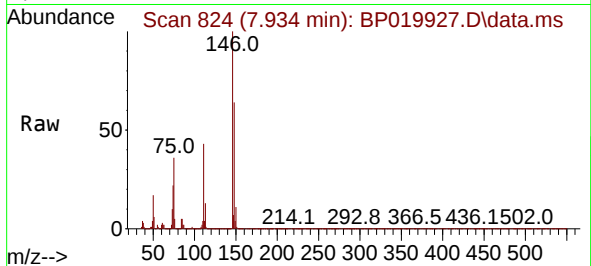
#13
1,4-Dichlorobenzene
Concen: 44.232 ng
RT: 7.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD

Tgt Ion:146 Resp: 37007
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.6
111 43.4 34.6 52.0

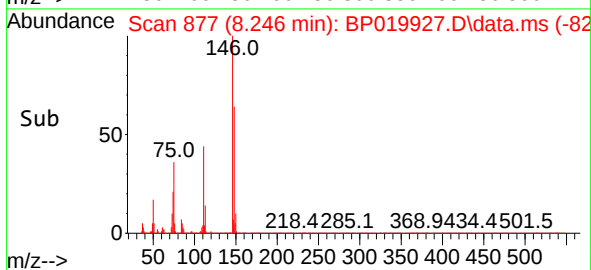
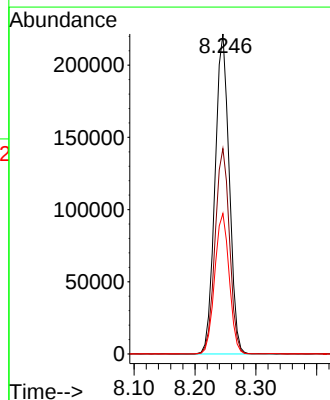
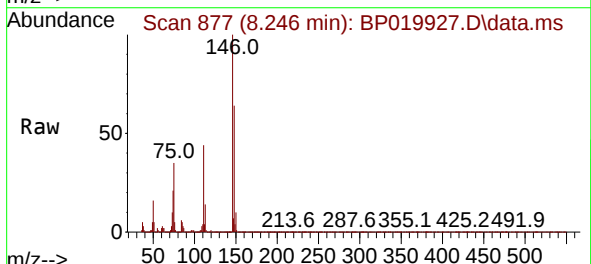
Manual Integrations
APPROVED

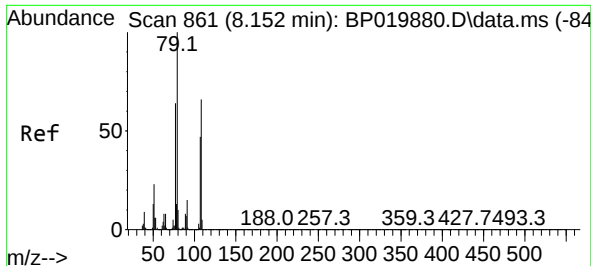
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#14
1,2-Dichlorobenzene
Concen: 42.735 ng
RT: 8.246 min Scan# 877
Delta R.T. -0.006 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

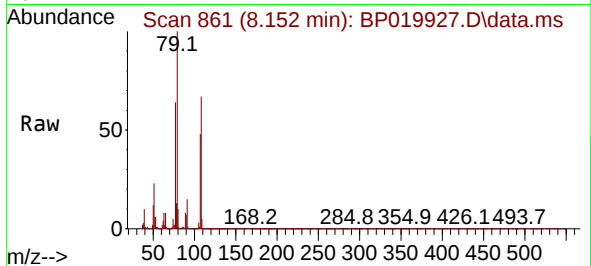
Tgt Ion:146 Resp: 358676
Ion Ratio Lower Upper
146 100
148 64.2 51.7 77.5
111 43.9 35.9 53.9





#15
Benzyl Alcohol
Concen: 35.678 ng m
RT: 8.152 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

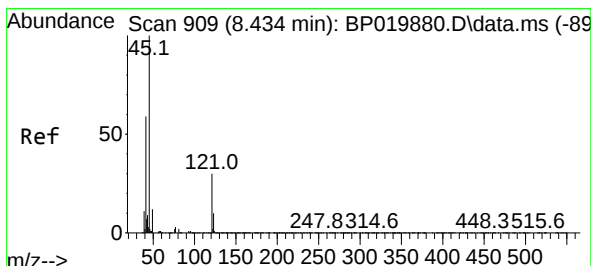
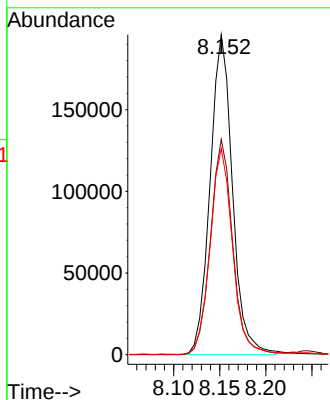
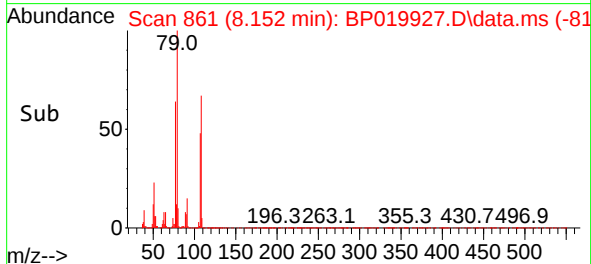
Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD



Tgt Ion: 79 Resp: 330709
Ion Ratio Lower Upper
79 100
108 67.3 52.5 78.7
77 64.4 51.0 76.4

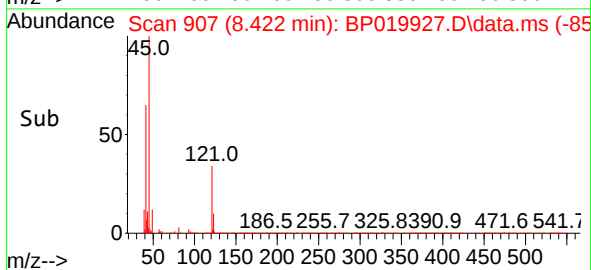
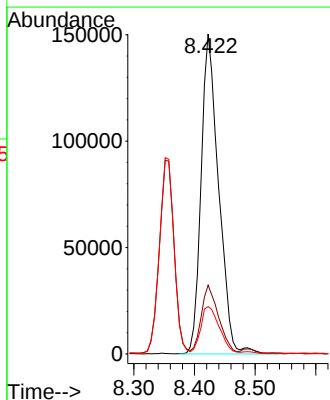
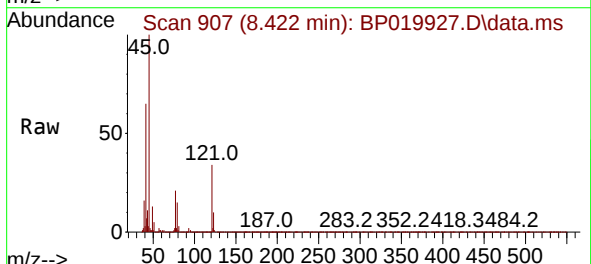
Manual Integrations
APPROVED

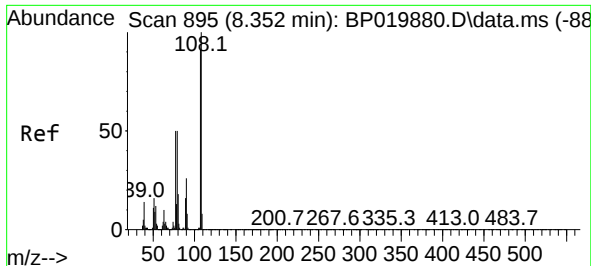
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.293 ng m
RT: 8.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

Tgt Ion: 45 Resp: 302134
Ion Ratio Lower Upper
45 100
77 21.5 0.8 40.8
79 14.8 0.0 34.7





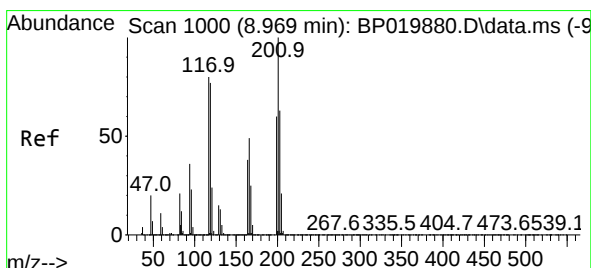
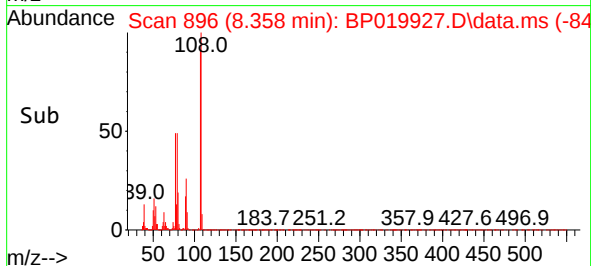
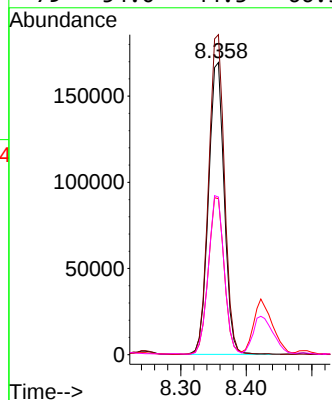
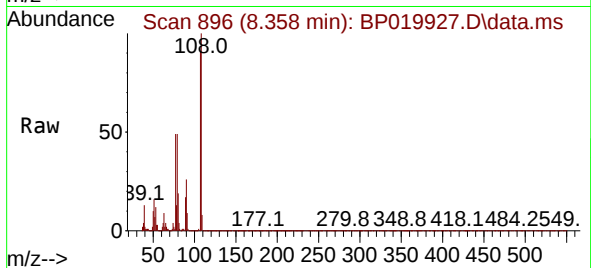
#17
2-Methylphenol
Concen: 36.093 ng
RT: 8.358 min Scan# 895
Delta R.T. 0.006 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD

Tgt Ion:	107	Resp:	282814
Ion	Ratio	Lower	Upper
107	100		
108	109.5	88.4	132.6
77	53.4	43.8	65.8
79	54.0	44.3	66.5

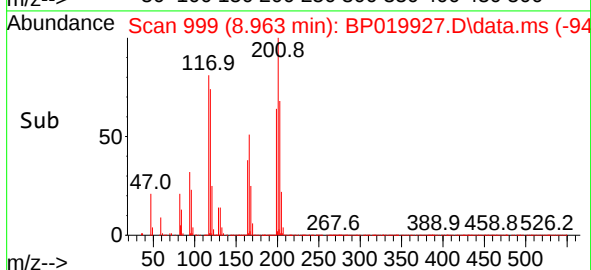
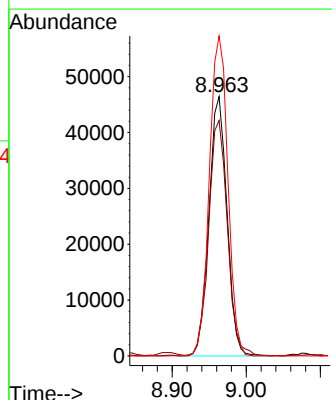
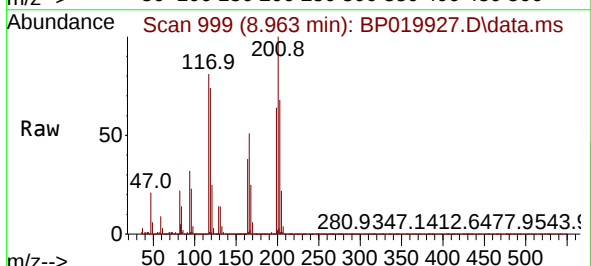
Manual Integrations
APPROVED

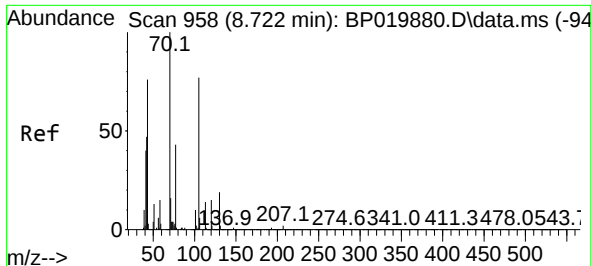
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#18
Hexachloroethane
Concen: 24.317 ng
RT: 8.963 min Scan# 999
Delta R.T. -0.006 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

Tgt Ion:	117	Resp:	78839
Ion	Ratio	Lower	Upper
117	100		
119	90.8	76.9	115.3
201	123.4	99.6	149.4





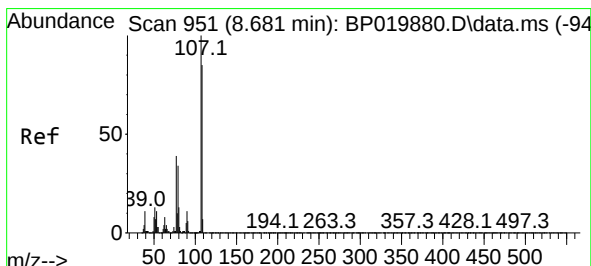
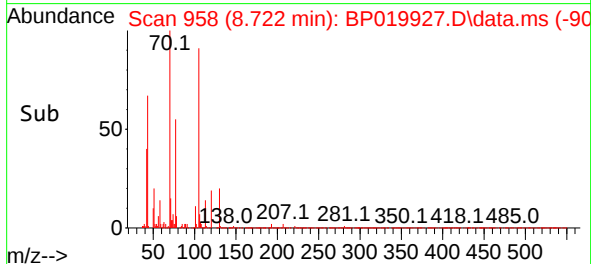
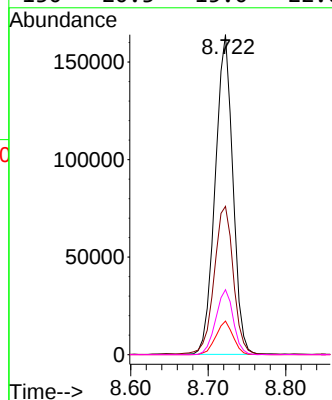
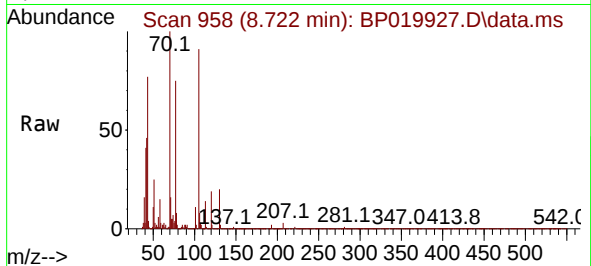
#19
n-Nitroso-di-n-propylamine
Concen: 32.695 ng
RT: 8.722 min Scan# 951
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD

Tgt Ion: 70 Resp: 25951
Ion Ratio Lower Upper
70 100
42 46.4 38.2 57.2
101 10.5 8.0 12.0
130 20.3 15.0 22.6

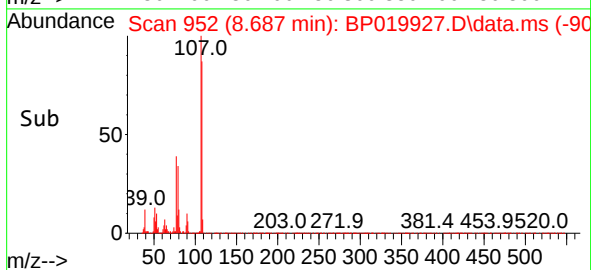
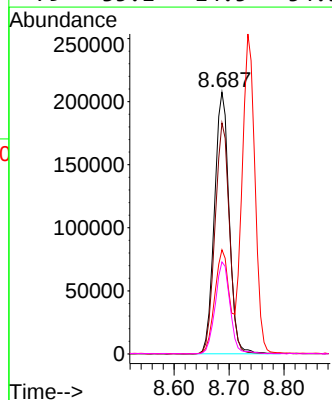
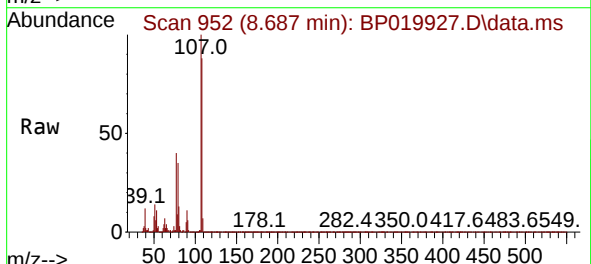
Manual Integrations
APPROVED

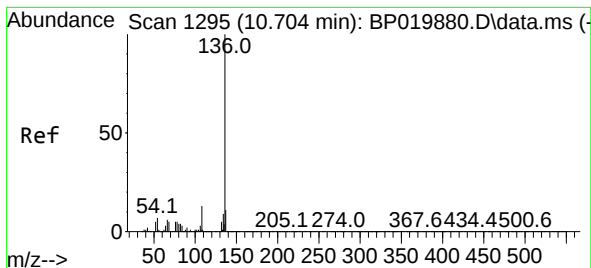
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#20
3+4-Methylphenols
Concen: 34.248 ng
RT: 8.687 min Scan# 952
Delta R.T. 0.006 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

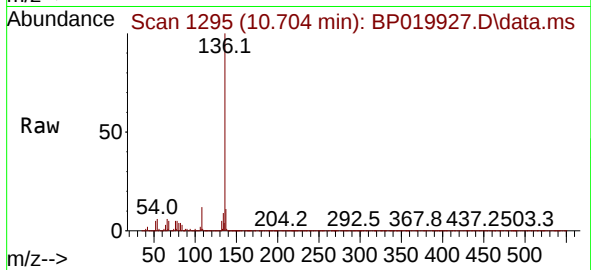
Tgt Ion:107 Resp: 385599
Ion Ratio Lower Upper
107 100
108 88.2 64.8 104.8
77 39.8 18.8 58.8
79 35.1 14.5 54.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

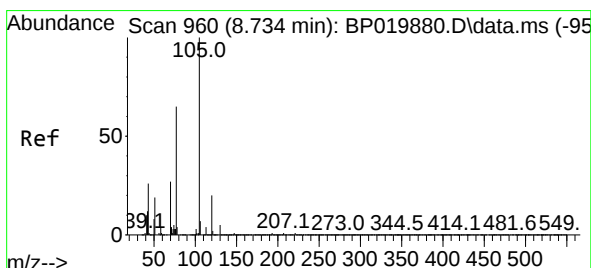
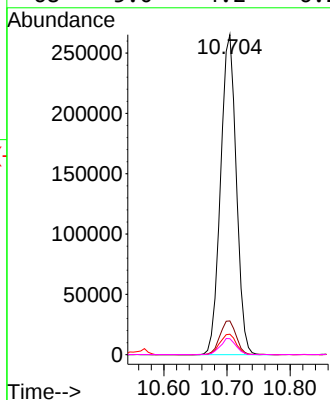
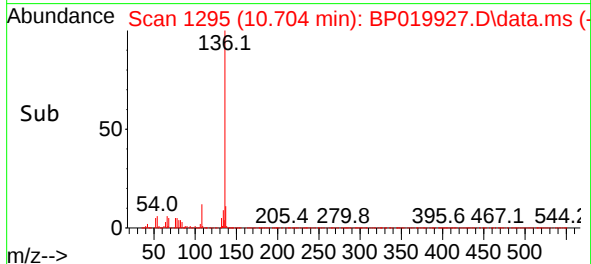
Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD



Tgt Ion:136 Resp: 45903
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 6.4 6.0 9.0
68 5.0 4.2 6.2

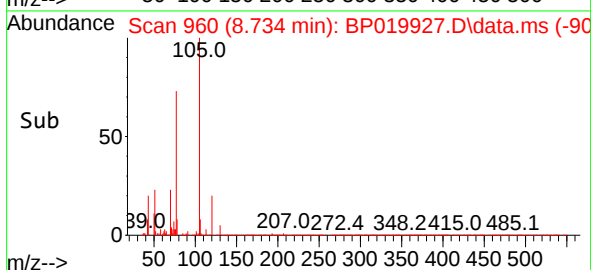
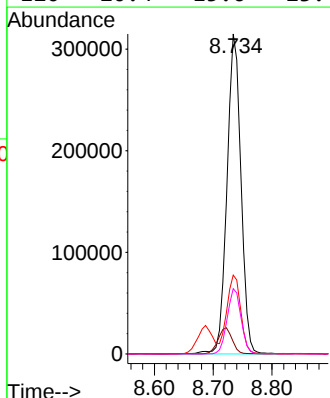
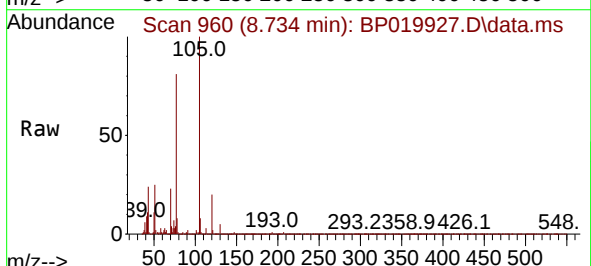
Manual Integrations
APPROVED

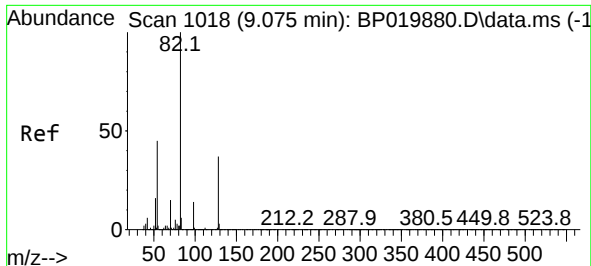
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#22
Acetophenone
Concen: 36.487 ng
RT: 8.734 min Scan# 960
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

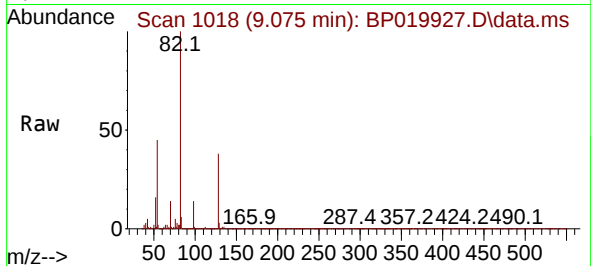
Tgt Ion:105 Resp: 520180
Ion Ratio Lower Upper
105 100
71 3.8 3.7 5.5
51 24.6 20.5 30.7
120 20.4 15.6 23.4





#23
Nitrobenzene-d5
Concen: 26.268 ng
RT: 9.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

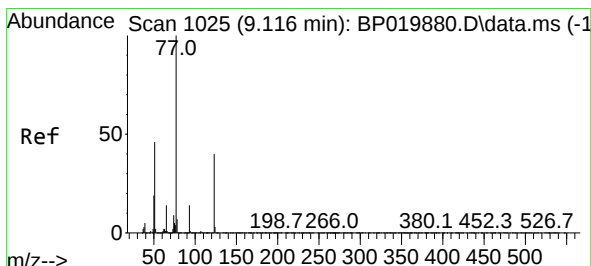
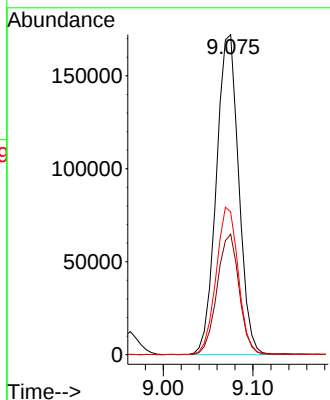
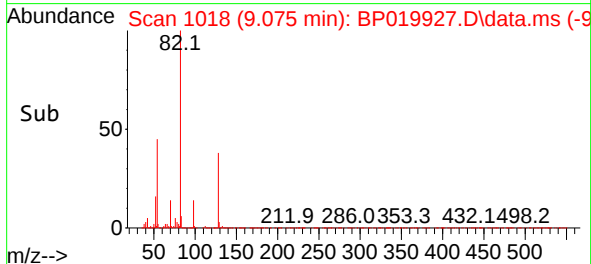
Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD



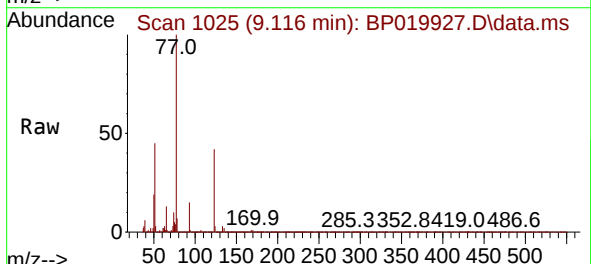
Tgt Ion: 82 Resp: 298670
Ion Ratio Lower Upper
82 100
128 37.6 29.6 44.4
54 44.6 36.3 54.5

Manual Integrations
APPROVED

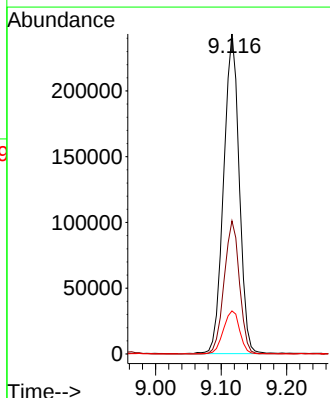
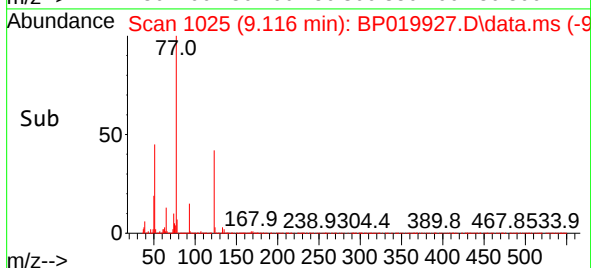
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

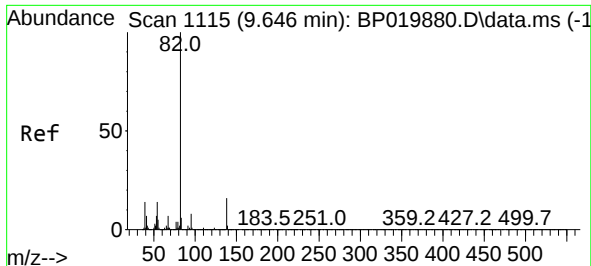


#24
Nitrobenzene
Concen: 36.383 ng
RT: 9.116 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09



Tgt Ion: 77 Resp: 400490
Ion Ratio Lower Upper
77 100
123 41.6 31.8 47.6
65 13.4 11.0 16.6





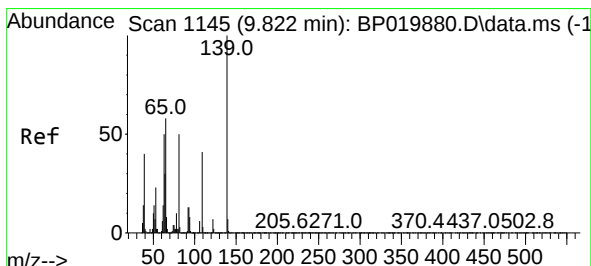
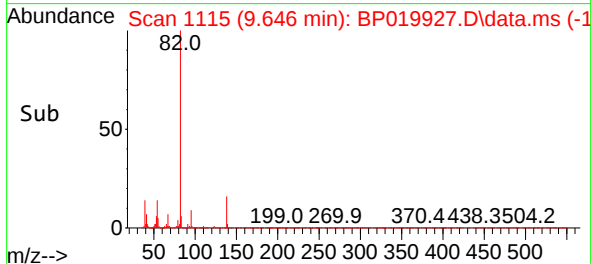
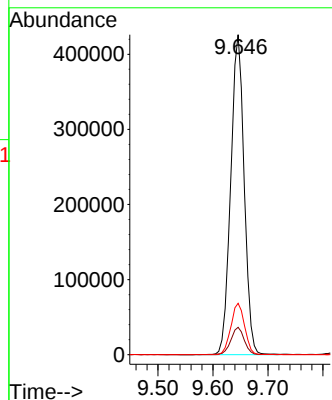
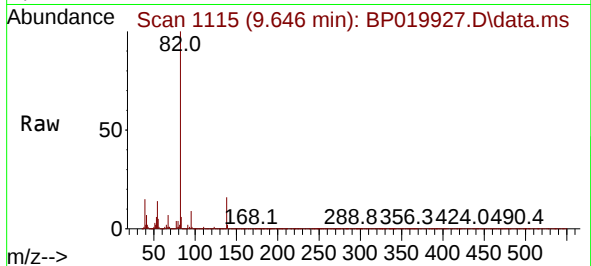
#25
Isophorone
Concen: 36.573 ng
RT: 9.646 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD

Tgt Ion: 82 Resp: 723792
Ion Ratio Lower Upper
82 100
95 8.5 6.6 10.0
138 16.0 12.8 19.2

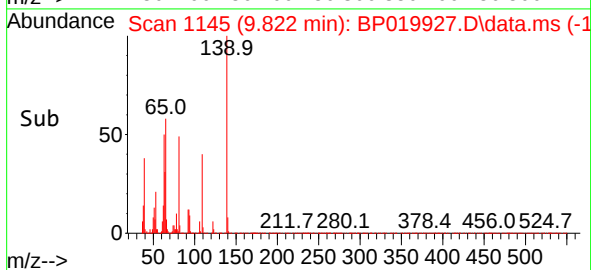
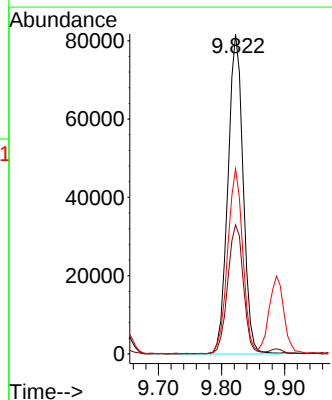
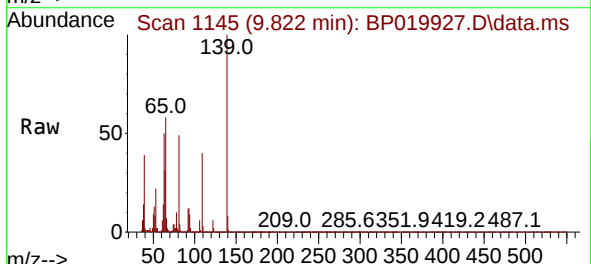
Manual Integrations
APPROVED

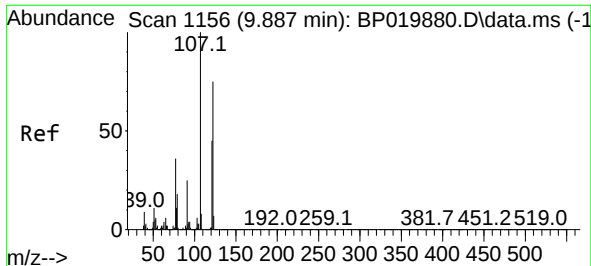
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#26
2-Nitrophenol
Concen: 30.876 ng
RT: 9.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

Tgt Ion:139 Resp: 135997
Ion Ratio Lower Upper
139 100
109 40.4 32.9 49.3
65 57.8 46.7 70.1





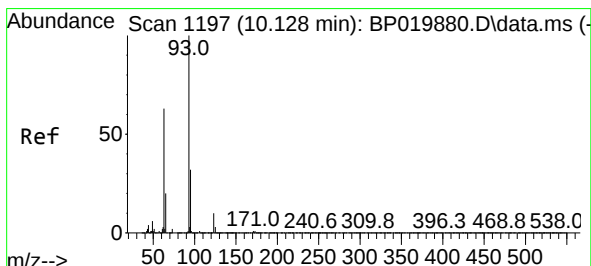
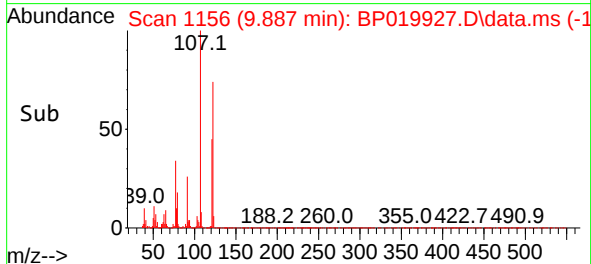
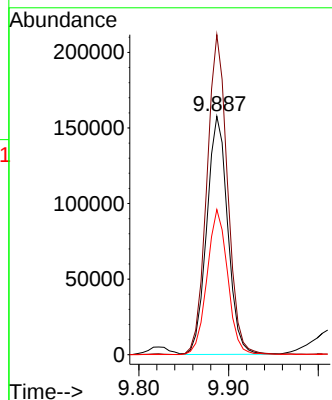
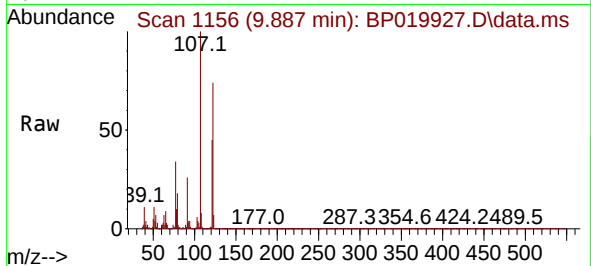
#27
2,4-Dimethylphenol
Concen: 35.122 ng
RT: 9.887 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD

Tgt Ion:122 Resp: 25538
Ion Ratio Lower Upper
122 100
107 134.3 105.7 158.5
121 60.9 47.5 71.3

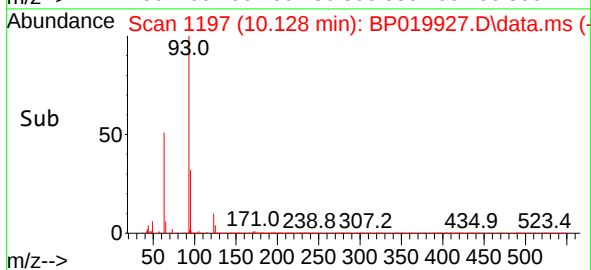
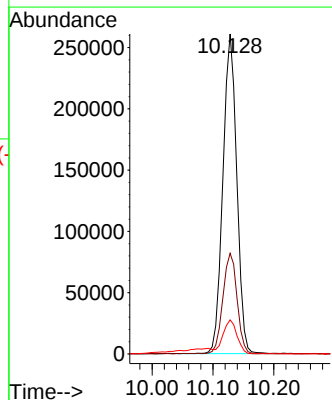
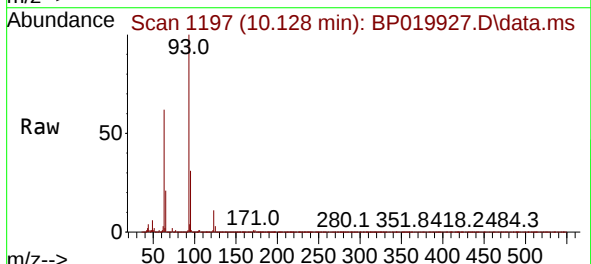
Manual Integrations
APPROVED

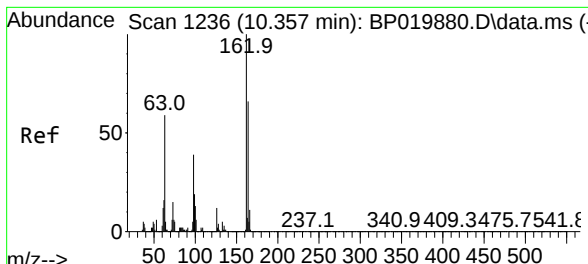
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#28
bis(2-Chloroethoxy)methane
Concen: 37.373 ng
RT: 10.128 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

Tgt Ion: 93 Resp: 412769
Ion Ratio Lower Upper
93 100
95 31.5 25.8 38.8
123 10.7 7.8 11.6





#29
 2,4-Dichlorophenol
 Concen: 44.073 ng
 RT: 10.357 min Scan# 1236
 Delta R.T. 0.000 min
 Lab File: BP019927.D
 Acq: 28 Feb 2024 21:09

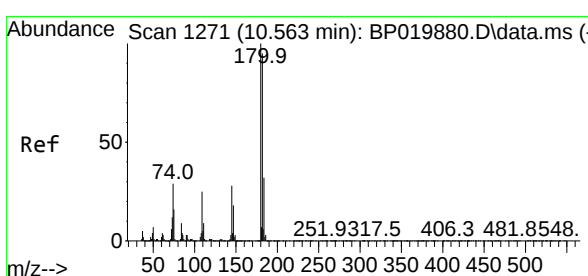
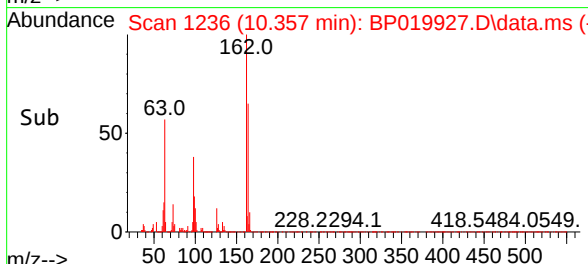
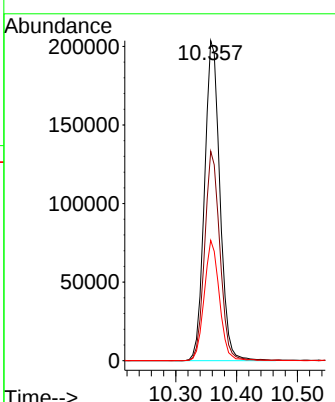
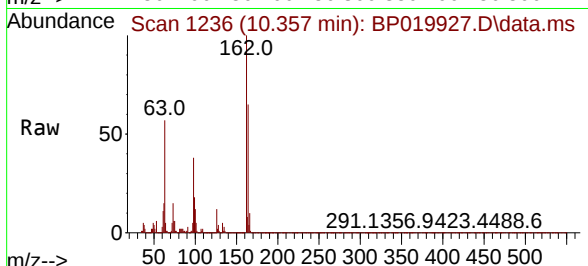
Instrument :
 BNA_P
 ClientSampleId :
 SU-02-02272024MSD

Tgt Ion:162 Resp: 35745

Ion	Ratio	Lower	Upper
162	100		
164	65.4	45.8	85.8
98	37.6	18.6	58.6

Manual Integrations
 APPROVED

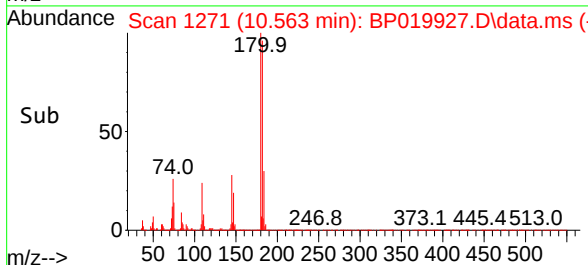
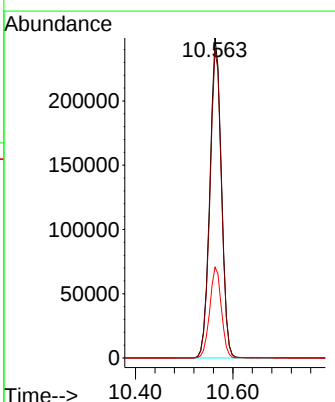
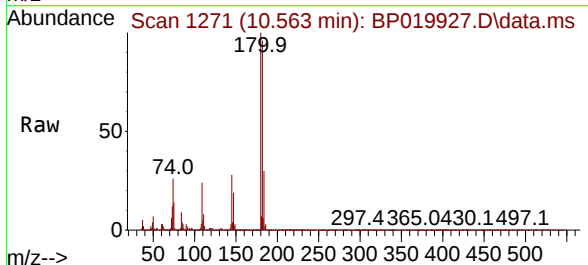
Reviewed By :Jagrut Upadhyay 02/29/2024
 Supervised By :mohammad ahmed 03/01/2024

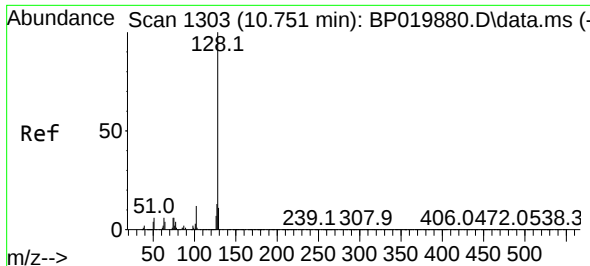


#30
 1,2,4-Trichlorobenzene
 Concen: 45.822 ng
 RT: 10.563 min Scan# 1271
 Delta R.T. 0.000 min
 Lab File: BP019927.D
 Acq: 28 Feb 2024 21:09

Tgt Ion:180 Resp: 408287

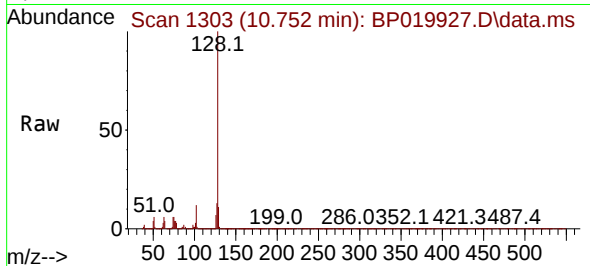
Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.7	113.5
145	28.4	22.8	34.2





#31
Naphthalene
Concen: 41.447 ng
RT: 10.752 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

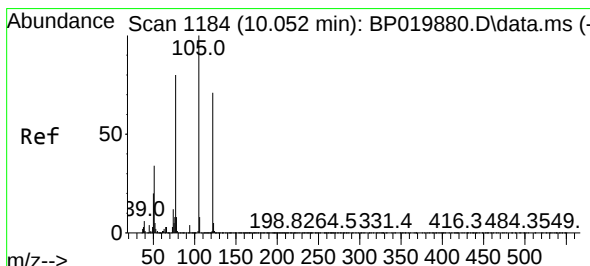
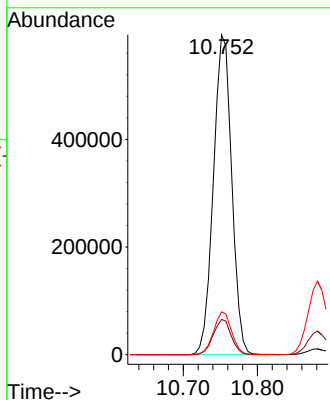
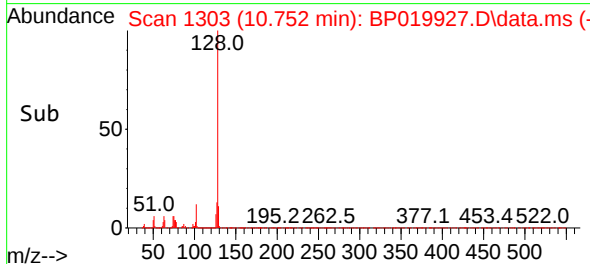
Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD



Tgt Ion:128 Resp: 1018654
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.4 10.2 15.2

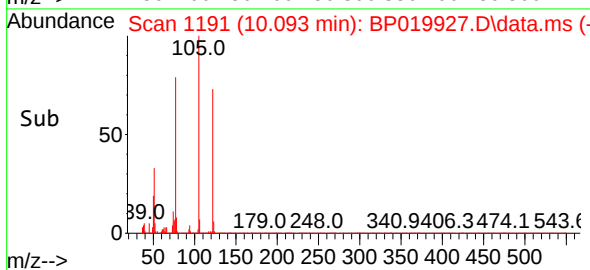
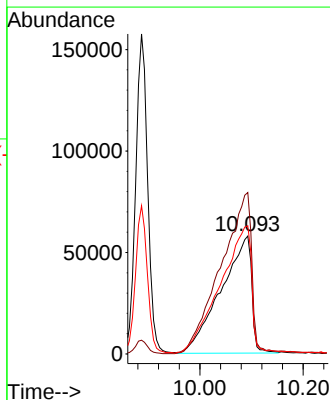
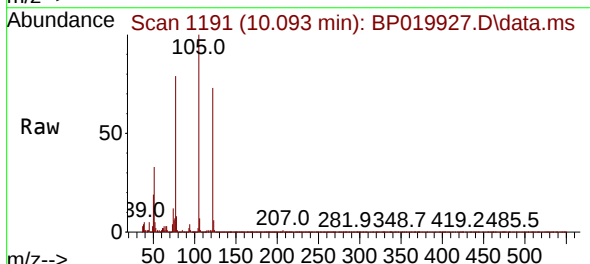
Manual Integrations
APPROVED

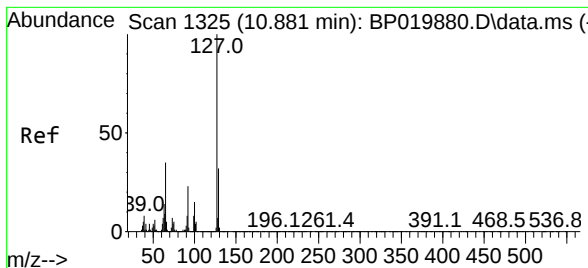
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#32
Benzoic acid
Concen: 38.438 ng
RT: 10.093 min Scan# 1191
Delta R.T. 0.041 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

Tgt Ion:122 Resp: 236794
Ion Ratio Lower Upper
122 100
105 136.8 120.8 160.8
77 108.6 93.5 133.5





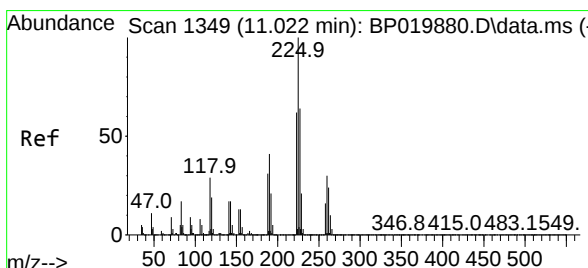
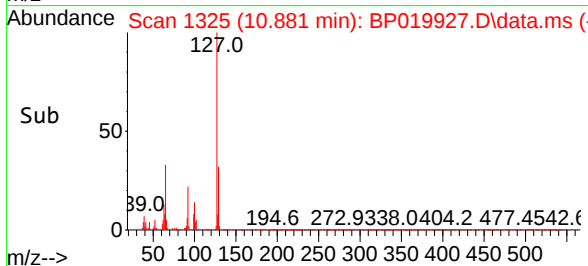
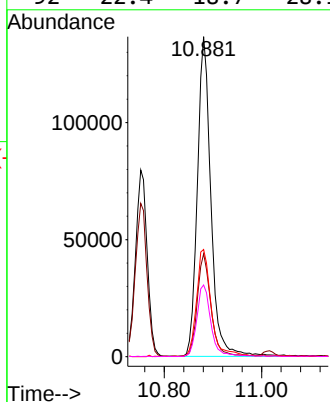
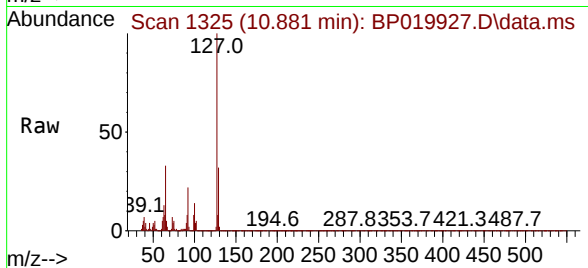
#33
4-Chloroaniline
Concen: 23.704 ng
RT: 10.881 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD

Tgt Ion:	127	Resp:	26468
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.7	38.5
65	33.5	28.2	42.4
92	22.4	18.7	28.1

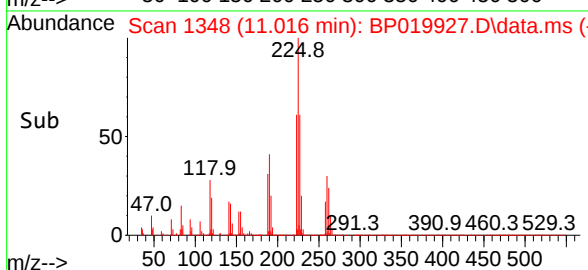
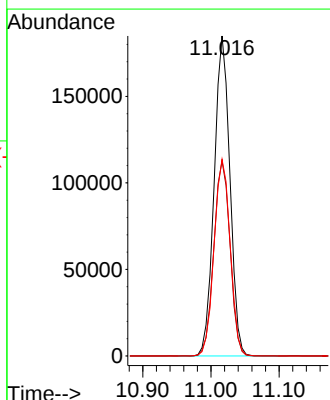
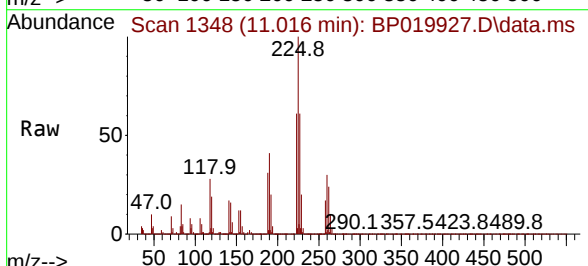
Manual Integrations
APPROVED

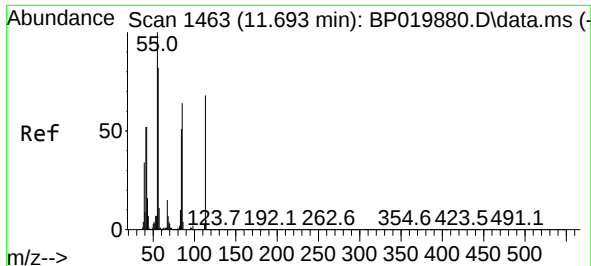
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#34
Hexachlorobutadiene
Concen: 45.895 ng
RT: 11.016 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

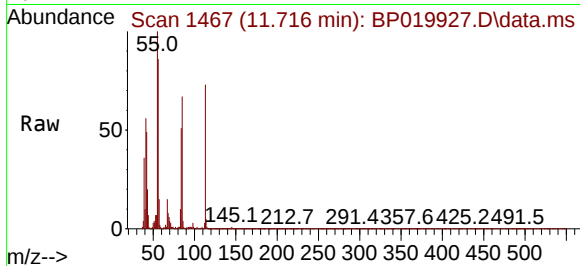
Tgt Ion:	225	Resp:	297375
Ion	Ratio	Lower	Upper
225	100		
223	60.9	49.8	74.6
227	61.5	51.1	76.7





#35
Caprolactam
Concen: 33.903 ng
RT: 11.716 min Scan# 1467
Delta R.T. 0.024 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

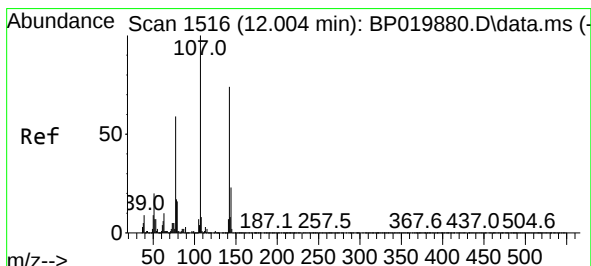
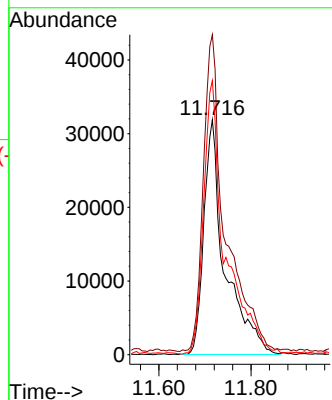
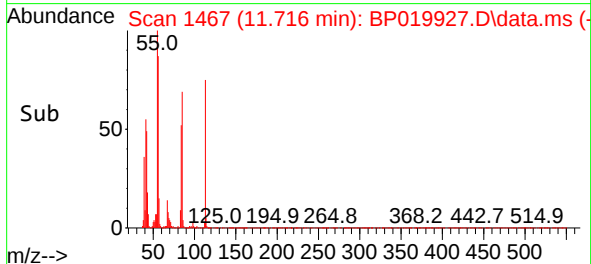
Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD



Tgt Ion:113 Resp: 10140
Ion Ratio Lower Upper
113 100
55 136.3 127.6 167.6
56 116.7 100.9 140.9

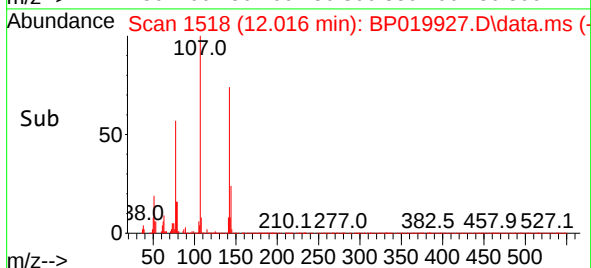
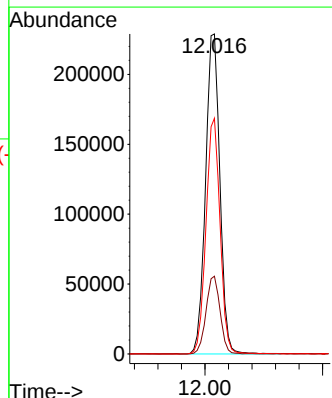
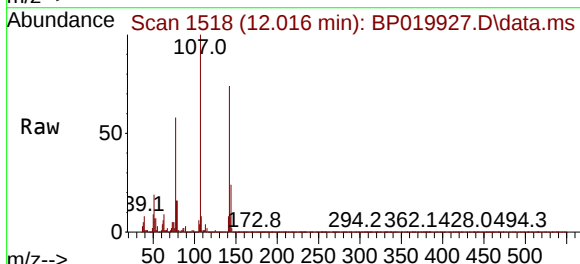
Manual Integrations
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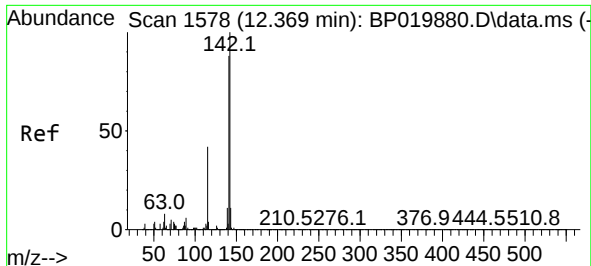
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#36
4-Chloro-3-methylphenol
Concen: 38.722 ng
RT: 12.016 min Scan# 1518
Delta R.T. 0.012 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

Tgt Ion:107 Resp: 387415
Ion Ratio Lower Upper
107 100
144 24.3 18.6 28.0
142 73.6 58.8 88.2





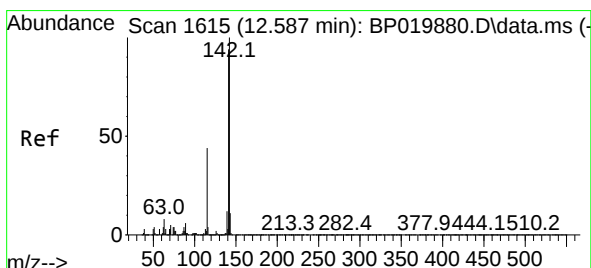
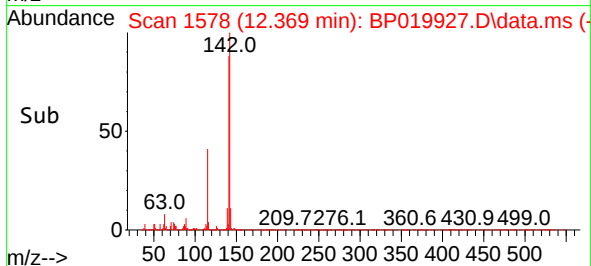
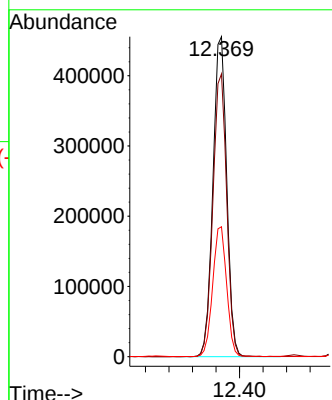
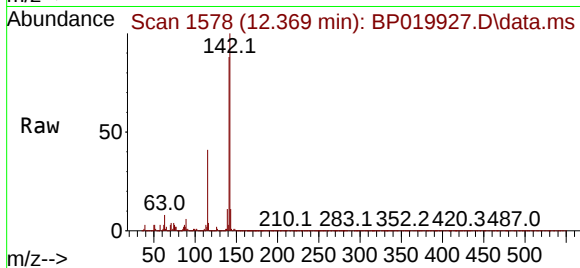
#37
2-Methylnaphthalene
Concen: 38.705 ng
RT: 12.369 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD

Tgt Ion:142 Resp: 738440
Ion Ratio Lower Upper
142 100
141 88.3 70.0 105.0
115 40.6 33.7 50.5

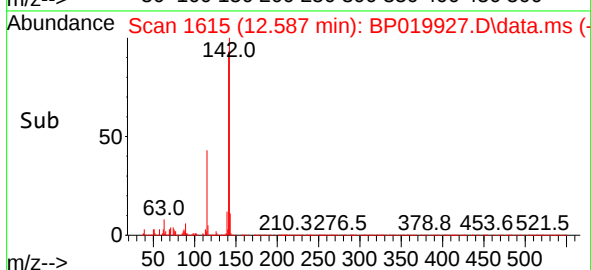
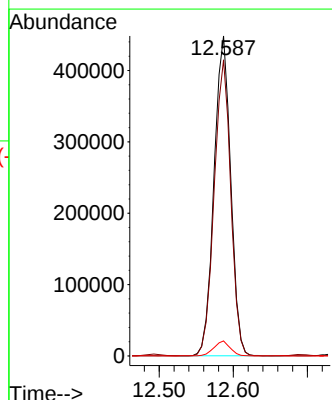
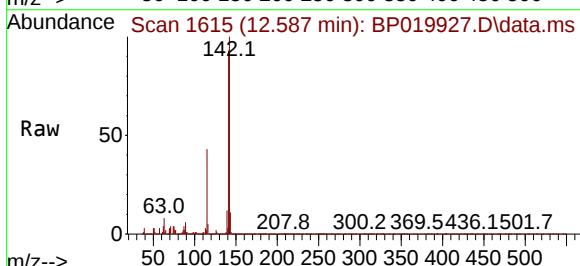
Manual Integrations
APPROVED

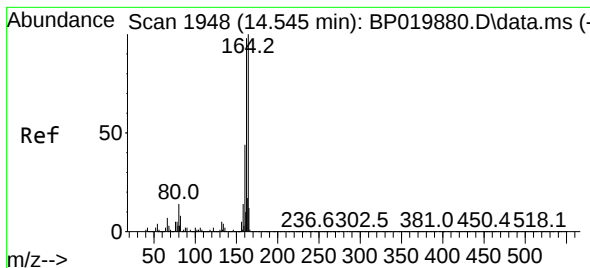
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#38
1-Methylnaphthalene
Concen: 38.741 ng
RT: 12.587 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

Tgt Ion:142 Resp: 699395
Ion Ratio Lower Upper
142 100
141 92.5 75.5 113.3
116 4.7 3.5 5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.545 min Scan# 1948

Delta R.T. 0.000 min

Lab File: BP019927.D

Acq: 28 Feb 2024 21:09

Instrument :

BNA_P

ClientSampleId :

SU-02-02272024MSD

Tgt Ion:164 Resp: 310640

Ion Ratio Lower Upper

164 100

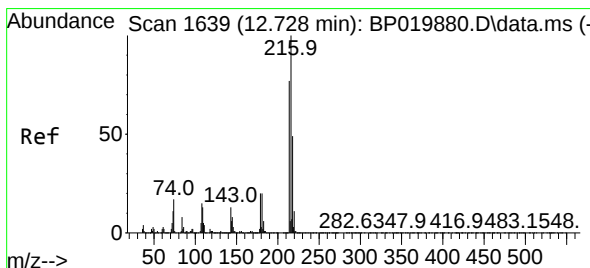
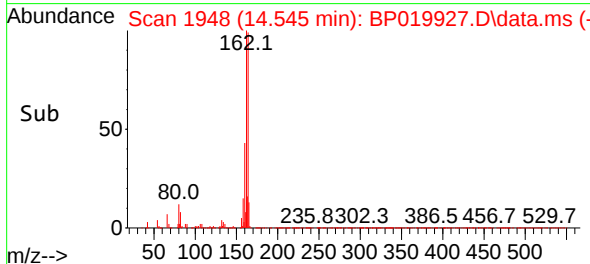
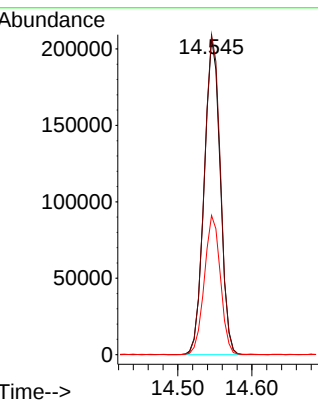
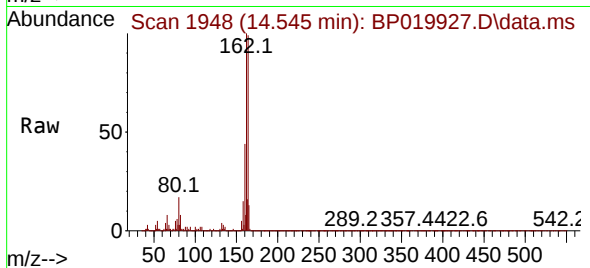
162 101.0 78.1 117.1

160 43.9 35.3 52.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.043 ng

RT: 12.734 min Scan# 1640

Delta R.T. 0.006 min

Lab File: BP019927.D

Acq: 28 Feb 2024 21:09

Tgt Ion:216 Resp: 531029

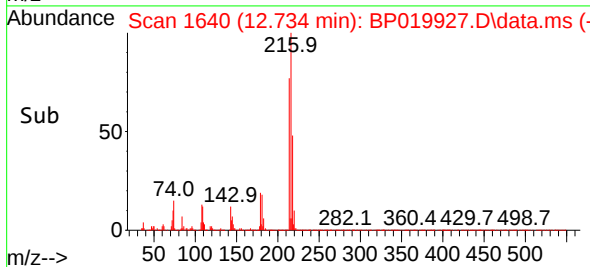
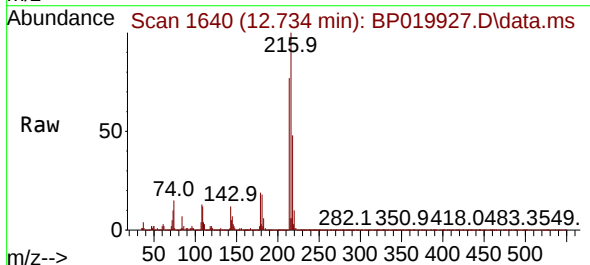
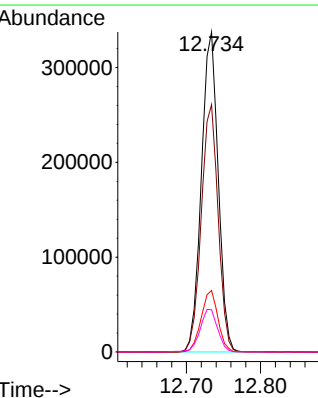
Ion Ratio Lower Upper

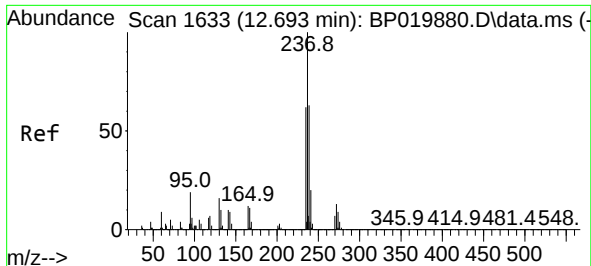
216 100

214 77.6 62.5 93.7

179 19.2 15.8 23.6

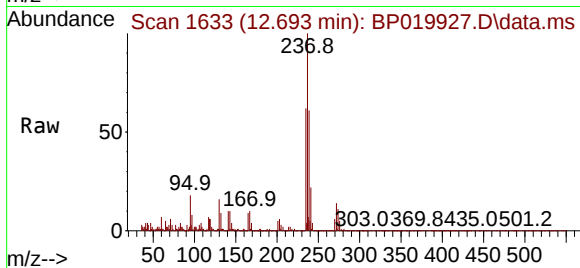
108 13.9 13.2 19.8





#41
Hexachlorocyclopentadiene
Concen: 5.041 ng
RT: 12.693 min Scan# 110
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

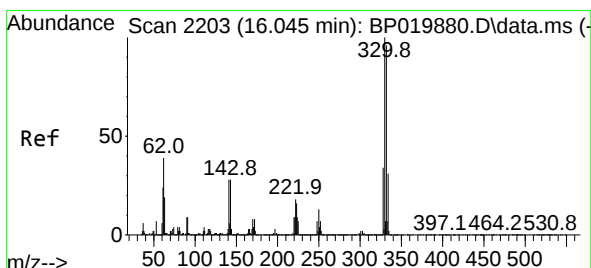
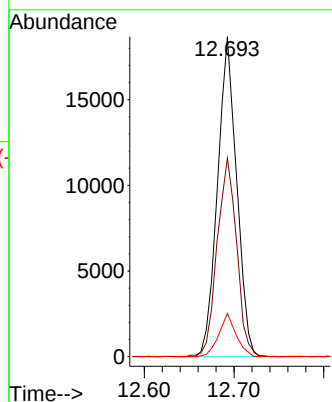
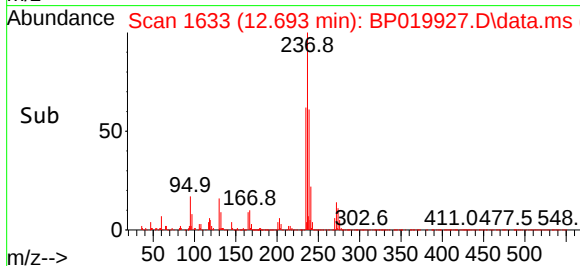
Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD



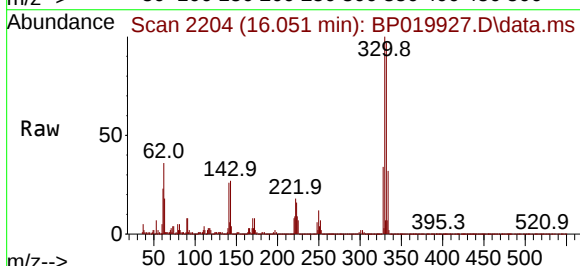
Tgt Ion: 237 Resp: 27698
Ion Ratio Lower Upper
237 100
235 62.1 41.5 81.5
272 13.6 0.0 32.5

Manual Integrations
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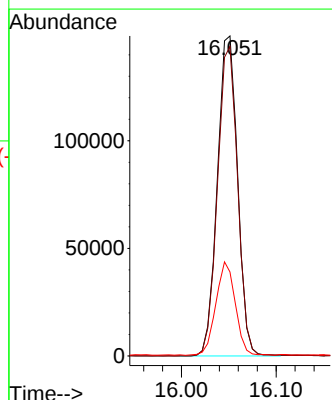
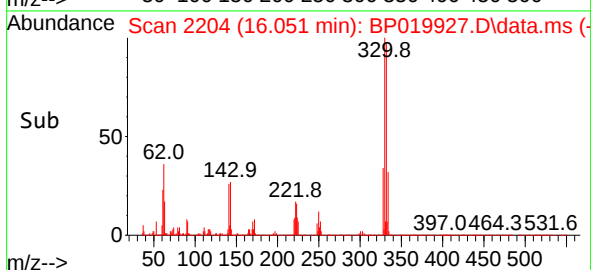
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

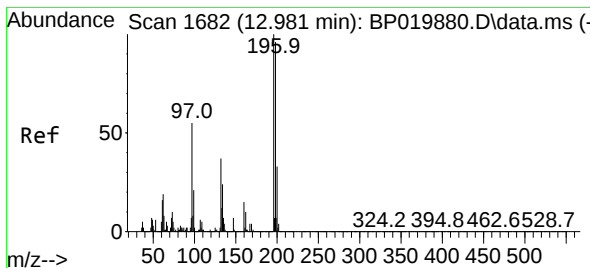


#42
2,4,6-Tribromophenol
Concen: 41.488 ng
RT: 16.051 min Scan# 2204
Delta R.T. 0.006 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09



Tgt Ion: 330 Resp: 220987
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.2
141 28.0 24.6 37.0





#43

2,4,6-Trichlorophenol

Concen: 47.499 ng

RT: 12.981 min Scan# 1682

Delta R.T. 0.000 min

Lab File: BP019927.D

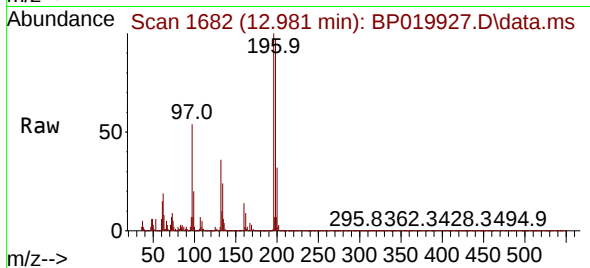
Acq: 28 Feb 2024 21:09

Instrument :

BNA_P

ClientSampleId :

SU-02-02272024MSD



Tgt Ion:196 Resp: 332790

Ion Ratio Lower Upper

196 100

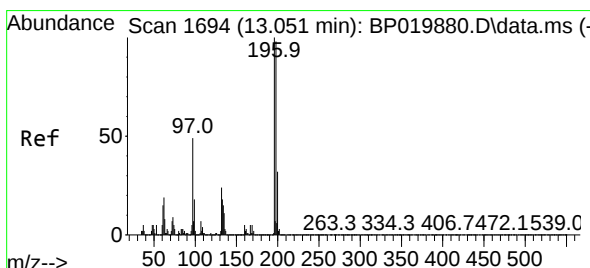
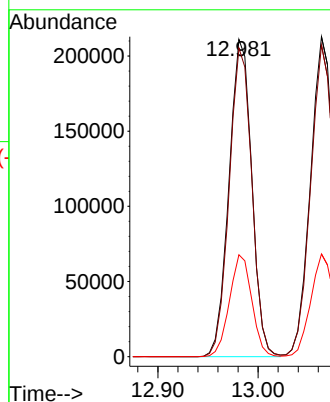
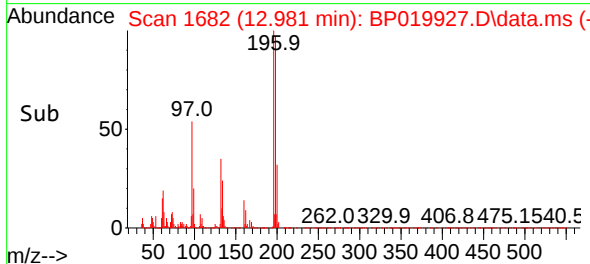
198 97.3 76.5 114.7

200 32.1 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#44

2,4,5-Trichlorophenol

Concen: 42.342 ng

RT: 13.063 min Scan# 1696

Delta R.T. 0.012 min

Lab File: BP019927.D

Acq: 28 Feb 2024 21:09

Tgt Ion:196 Resp: 353387

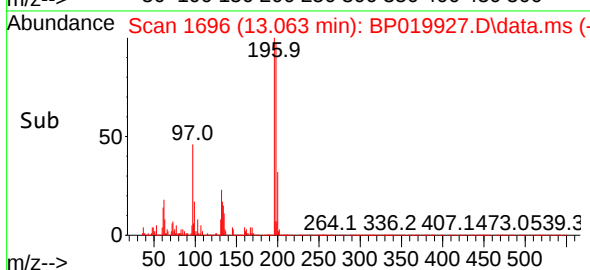
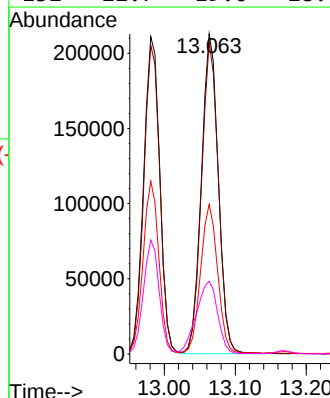
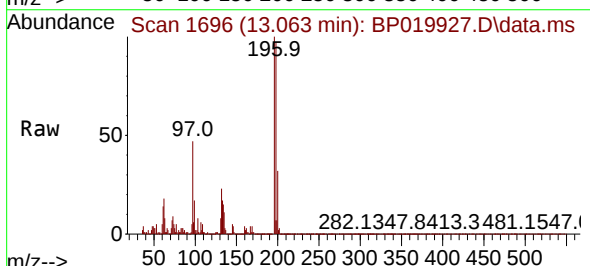
Ion Ratio Lower Upper

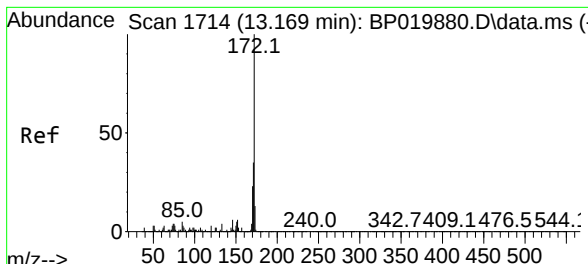
196 100

198 97.4 78.2 117.4

97 46.7 39.4 59.2

132 22.7 19.0 28.6





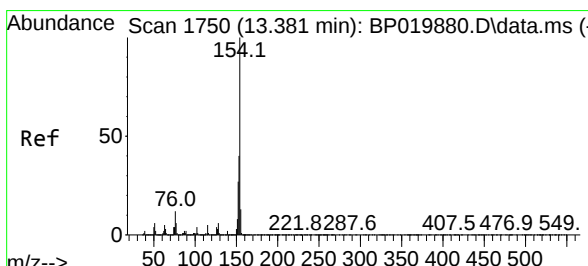
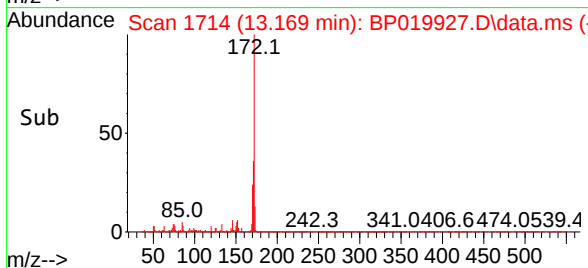
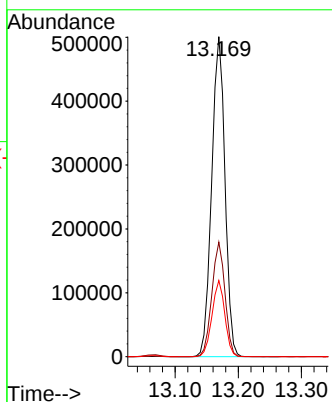
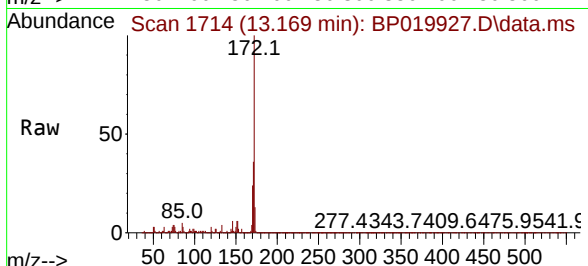
#45
 2-Fluorobiphenyl
 Concen: 31.830 ng
 RT: 13.169 min Scan# 1714
 Delta R.T. 0.000 min
 Lab File: BP019927.D
 Acq: 28 Feb 2024 21:09

Instrument : BNA_P
 ClientSampleId : SU-02-02272024MSD

Tgt Ion:	172	Resp:	73183
Ion Ratio	Lower	Upper	
172	100		
171	35.8	27.8	41.6
170	23.8	18.4	27.6

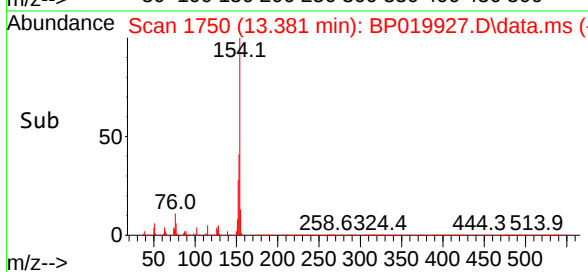
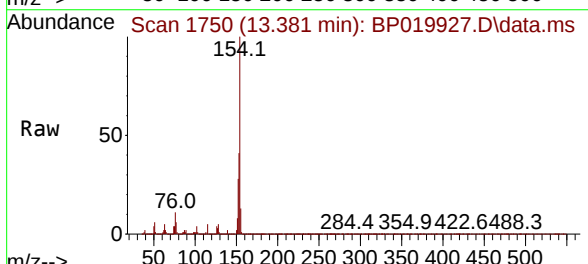
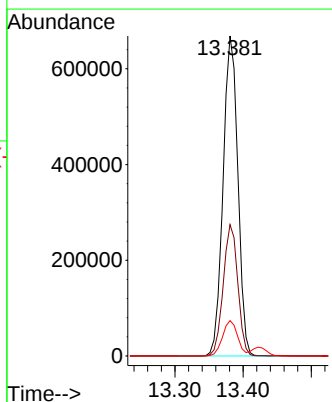
Manual Integrations
 APPROVED

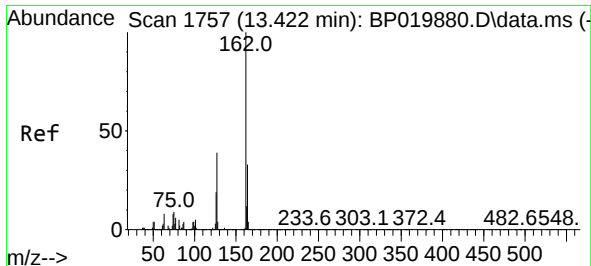
Reviewed By :Jagrut Upadhyay 02/29/2024
 Supervised By :mohammad ahmed 03/01/2024



#46
 1,1'-Biphenyl
 Concen: 45.286 ng
 RT: 13.381 min Scan# 1750
 Delta R.T. 0.000 min
 Lab File: BP019927.D
 Acq: 28 Feb 2024 21:09

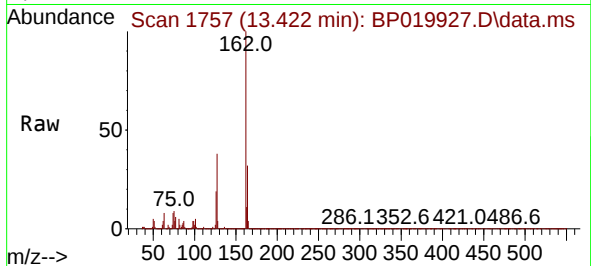
Tgt Ion:	154	Resp:	1007280
Ion Ratio	Lower	Upper	
154	100		
153	41.1	19.8	59.8
76	11.0	0.0	31.8





#47
2-Chloronaphthalene
Concen: 46.956 ng
RT: 13.422 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

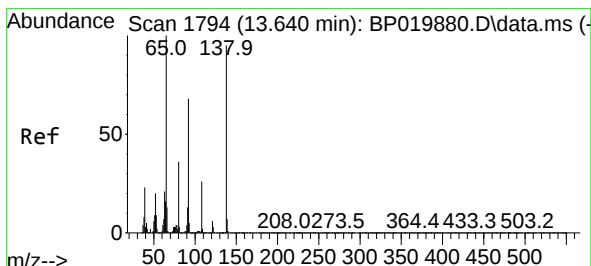
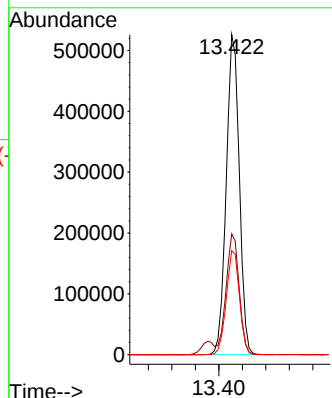
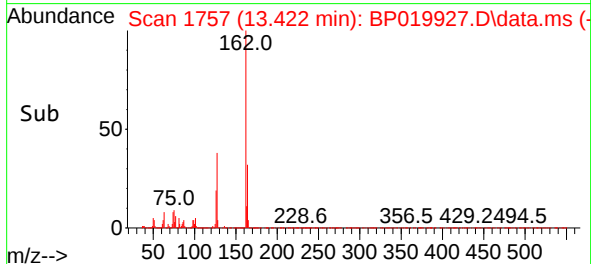
Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD



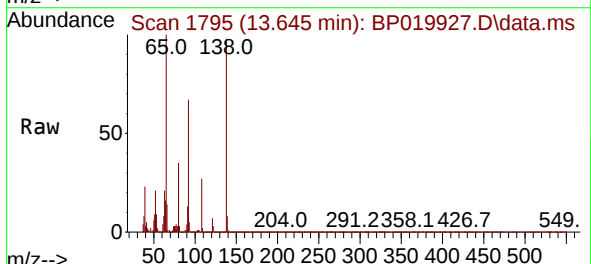
Tgt Ion:162 Resp: 810660
Ion Ratio Lower Upper
162 100
127 37.8 31.4 47.2
164 32.5 26.2 39.4

Manual Integrations
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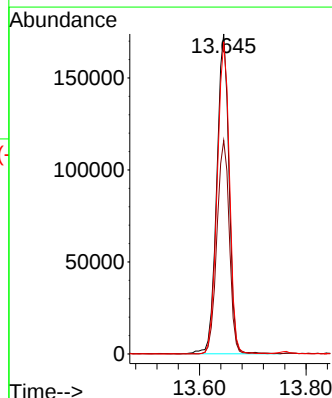
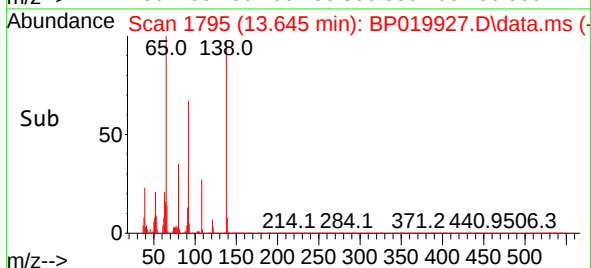
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

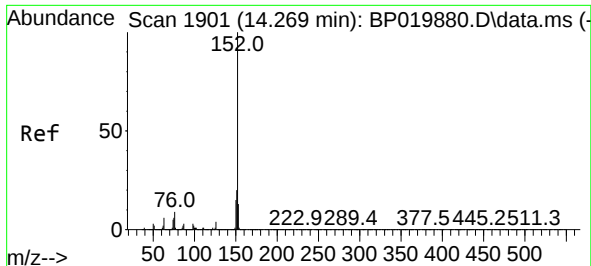


#48
2-Nitroaniline
Concen: 44.581 ng
RT: 13.645 min Scan# 1795
Delta R.T. 0.006 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09



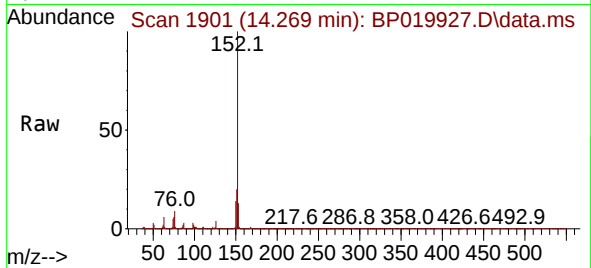
Tgt Ion: 65 Resp: 278175
Ion Ratio Lower Upper
65 100
92 66.7 54.3 81.5
138 97.6 75.7 113.5





#49
Acenaphthylene
Concen: 44.371 ng
RT: 14.269 min Scan# 1901
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

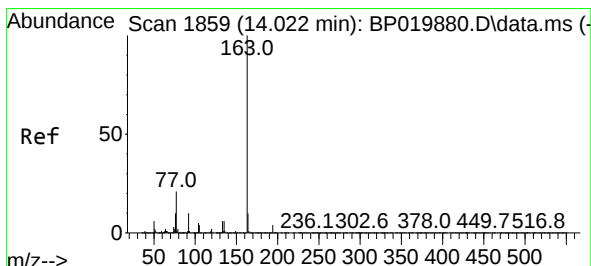
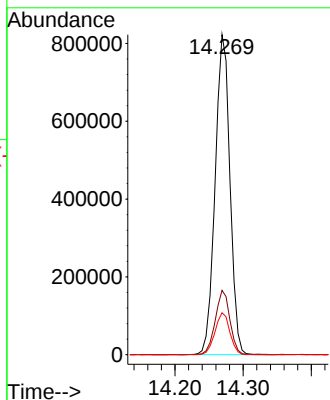
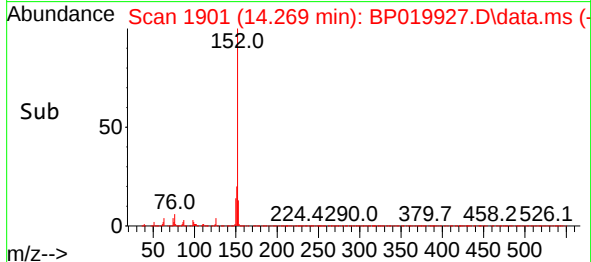
Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD



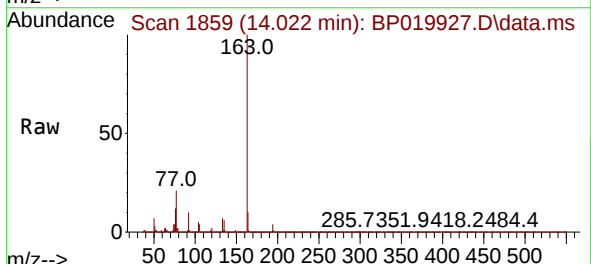
Tgt Ion:152 Resp: 1241052
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.1 10.4 15.6

Manual Integrations
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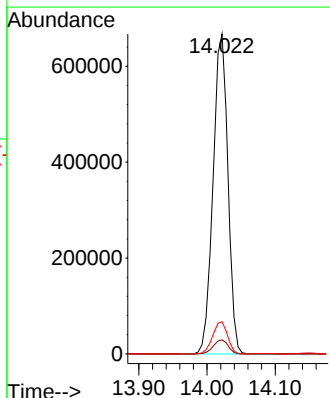
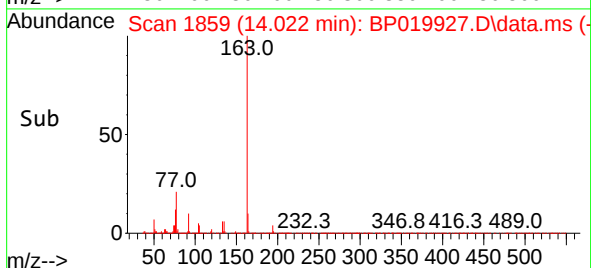
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

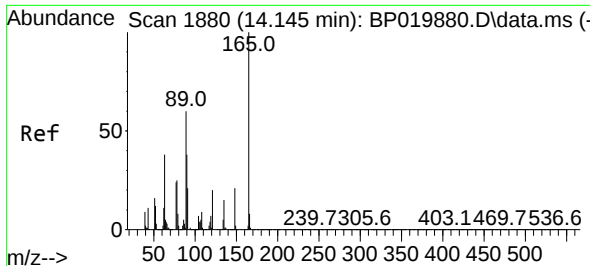


#50
Dimethylphthalate
Concen: 39.873 ng
RT: 14.022 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09



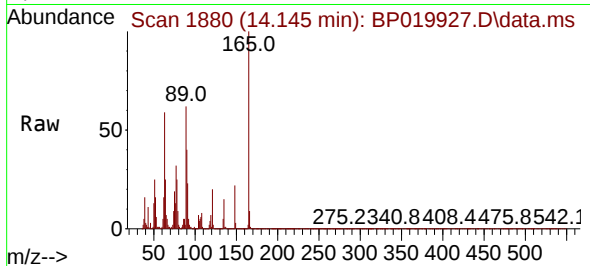
Tgt Ion:163 Resp: 1011150
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.1 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 34.744 ng
RT: 14.145 min Scan# 1880
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

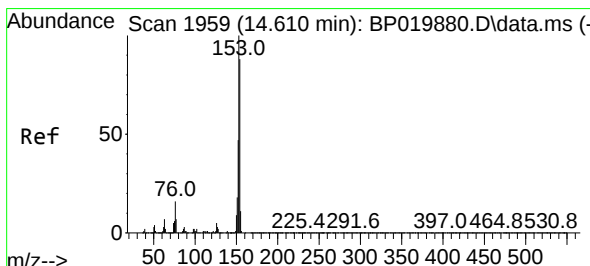
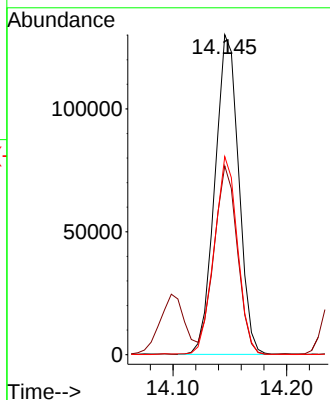
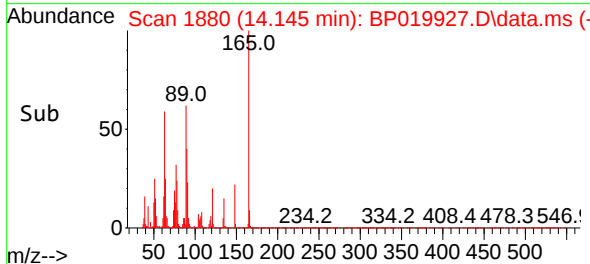
Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD



Tgt Ion:165 Resp: 189620
Ion Ratio Lower Upper
165 100
63 59.0 46.9 70.3
89 61.9 48.3 72.5

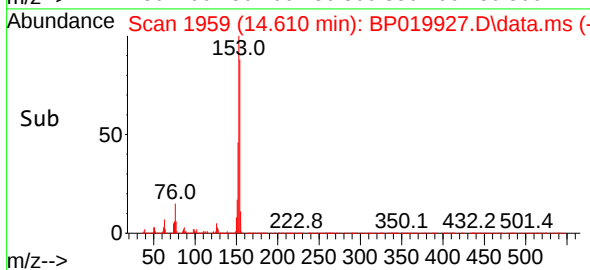
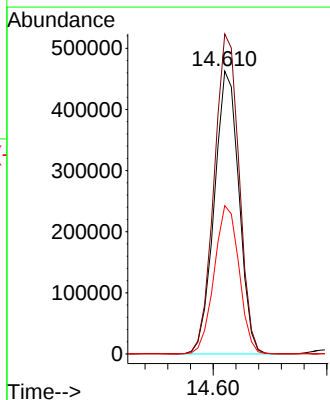
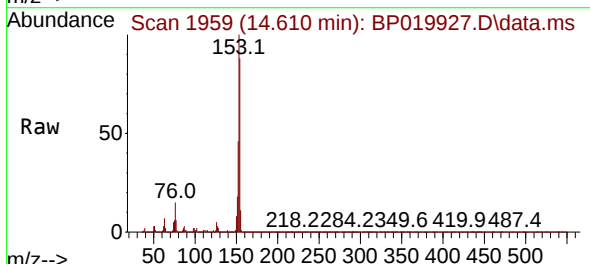
Manual Integrations
APPROVED

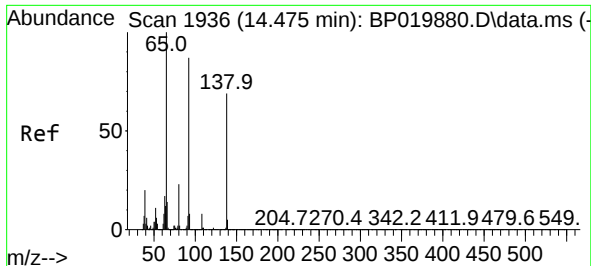
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#52
Acenaphthene
Concen: 41.533 ng
RT: 14.610 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

Tgt Ion:154 Resp: 697524
Ion Ratio Lower Upper
154 100
153 113.1 90.9 136.3
152 52.5 42.3 63.5





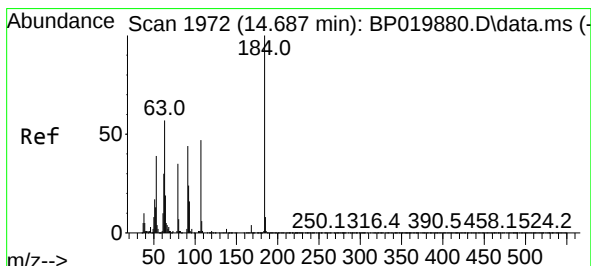
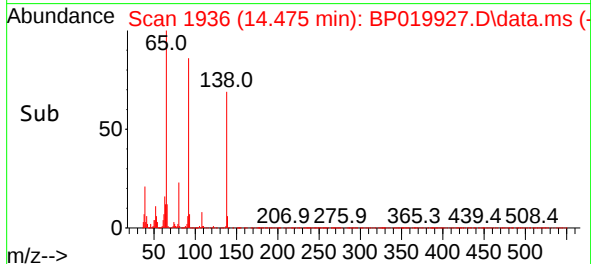
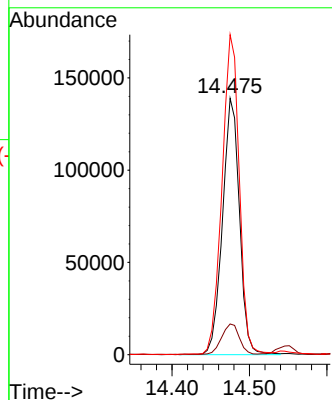
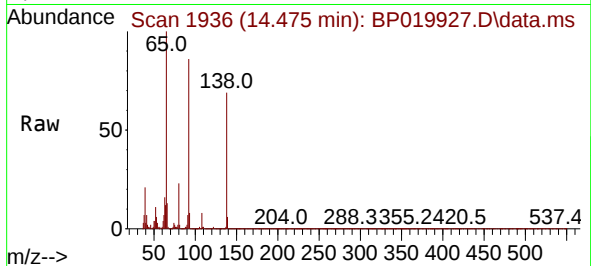
#53
3-Nitroaniline
Concen: 39.122 ng
RT: 14.475 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD

Tgt Ion:138 Resp: 211350
Ion Ratio Lower Upper
138 100
108 12.0 9.2 13.8
92 124.8 100.3 150.5

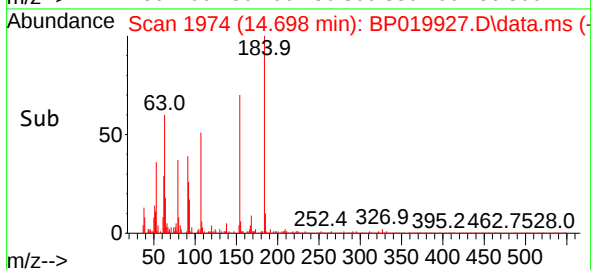
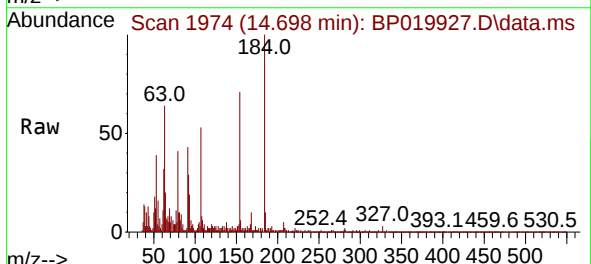
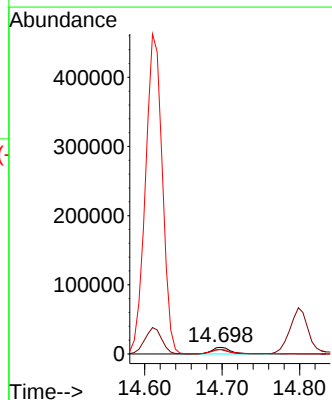
Manual Integrations
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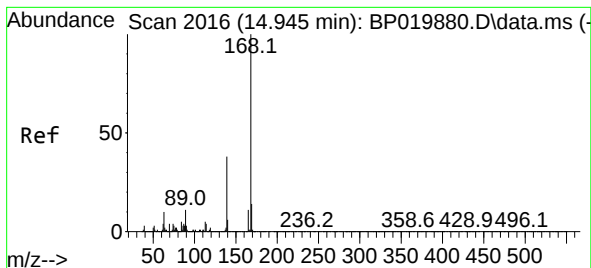
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#54
2,4-Dinitrophenol
Concen: 4.574 ng
RT: 14.698 min Scan# 1974
Delta R.T. 0.011 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

Tgt Ion:184 Resp: 16274
Ion Ratio Lower Upper
184 100
63 64.3 49.6 74.4
154 71.3 54.6 82.0





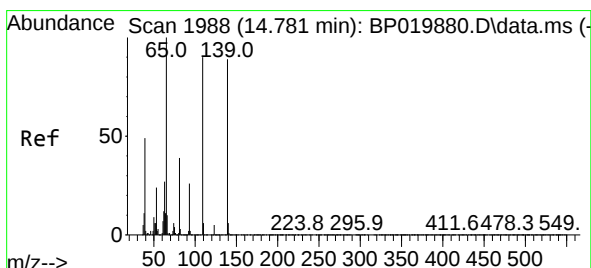
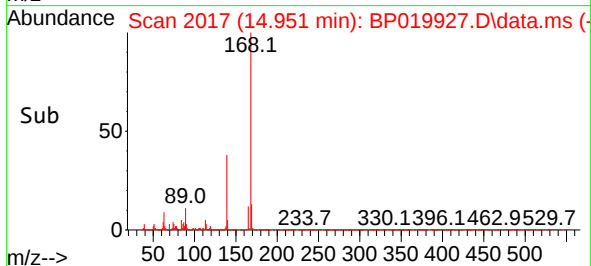
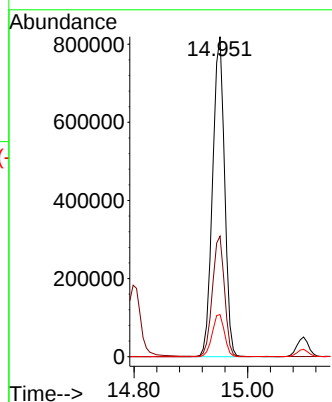
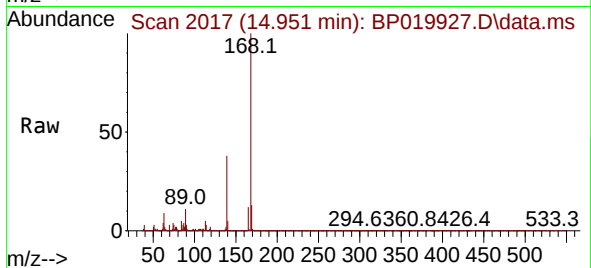
#55
Dibenzenofuran
Concen: 41.656 ng
RT: 14.951 min Scan# 2016
Delta R.T. 0.006 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD

Tgt Ion:168 Resp: 119394
Ion Ratio Lower Upper
168 100
139 37.6 30.6 45.8
169 13.1 10.9 16.3

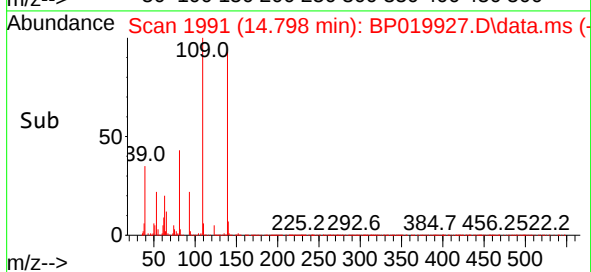
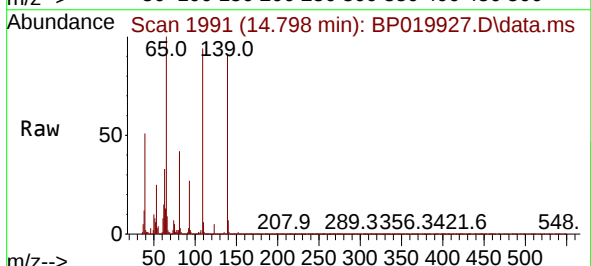
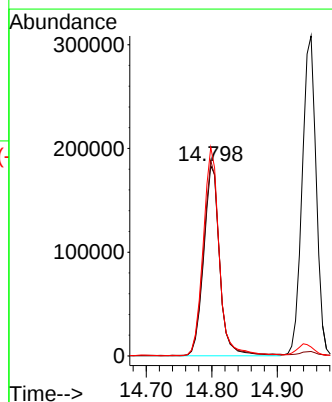
Manual Integrations
APPROVED

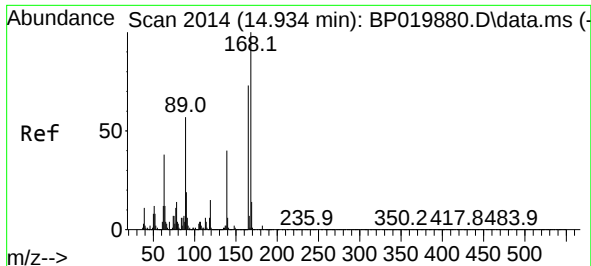
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#56
4-Nitrophenol
Concen: 73.584 ng
RT: 14.798 min Scan# 1991
Delta R.T. 0.018 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

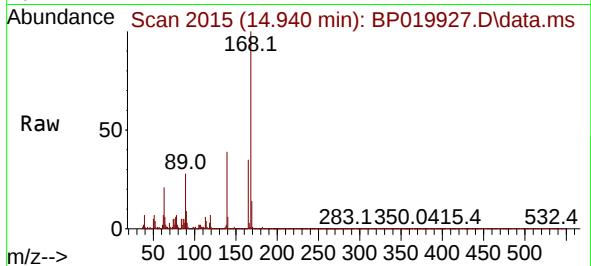
Tgt Ion:139 Resp: 310982
Ion Ratio Lower Upper
139 100
109 102.8 81.3 121.3
65 109.8 93.5 133.5





#57
2,4-Dinitrotoluene
Concen: 32.442 ng
RT: 14.940 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

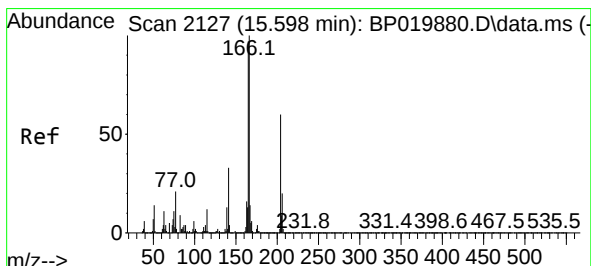
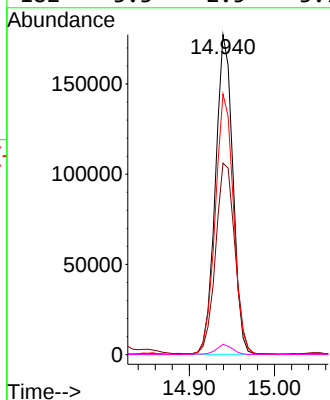
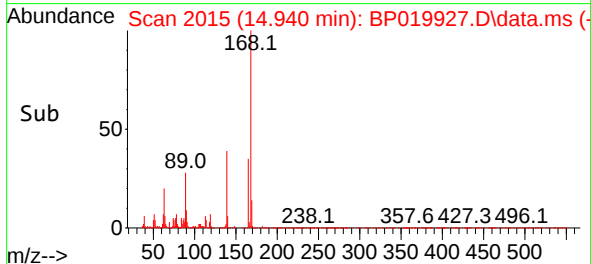
Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD



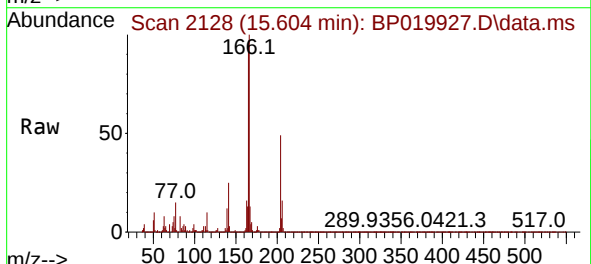
Tgt Ion:165 Resp: 251994
Ion Ratio Lower Upper
165 100
63 59.9 41.4 62.0
89 81.5 62.1 93.1
182 3.3 2.5 3.7

Manual Integrations
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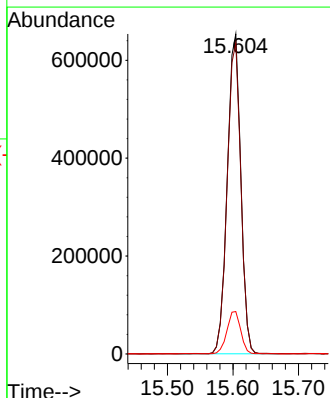
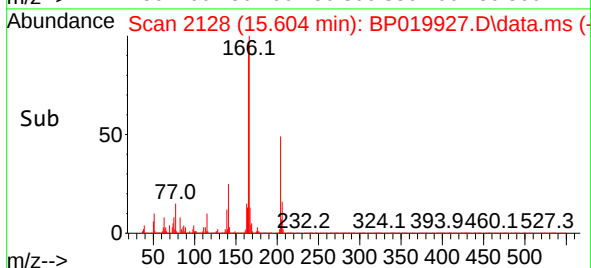
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

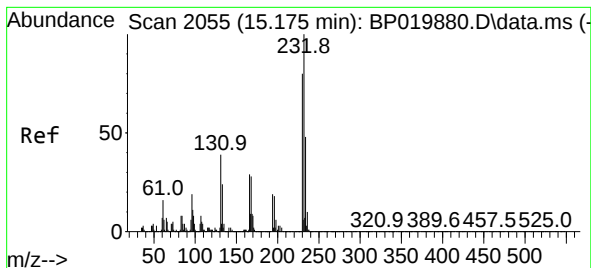


#58
Fluorene
Concen: 40.294 ng
RT: 15.604 min Scan# 2128
Delta R.T. 0.006 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09



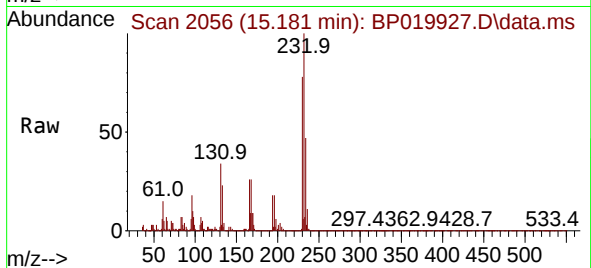
Tgt Ion:166 Resp: 936657
Ion Ratio Lower Upper
166 100
165 97.2 77.8 116.6
167 13.3 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.899 ng
RT: 15.181 min Scan# 2056
Delta R.T. 0.006 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

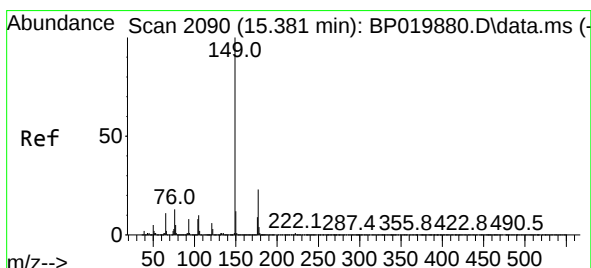
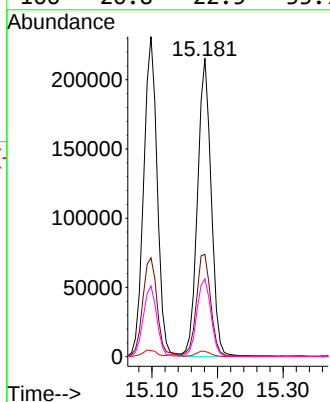
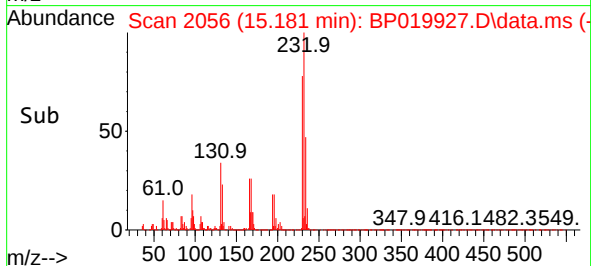
Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD



Tgt Ion:232 Resp: 313170
Ion Ratio Lower Upper
232 100
131 35.7 30.7 46.1
130 2.0 1.8 2.6
166 26.8 22.5 33.7

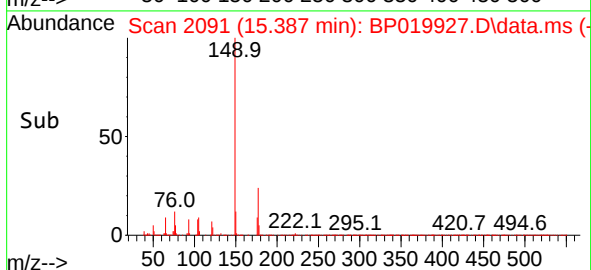
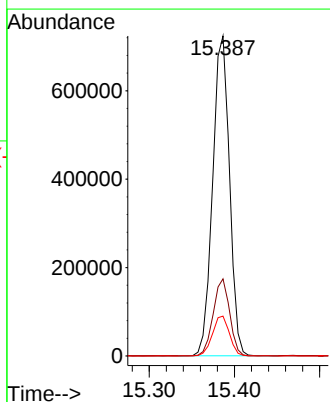
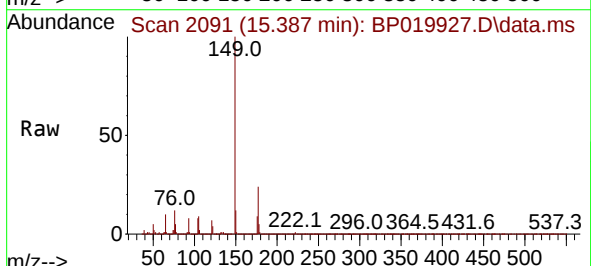
Manual Integrations
APPROVED

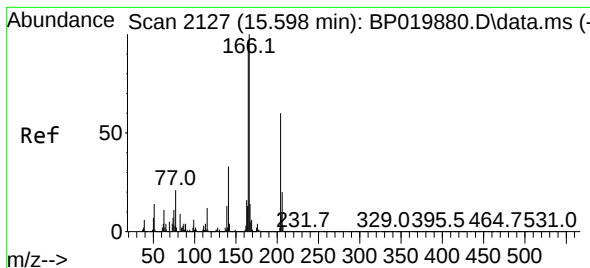
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#60
Diethylphthalate
Concen: 39.556 ng
RT: 15.387 min Scan# 2091
Delta R.T. 0.006 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

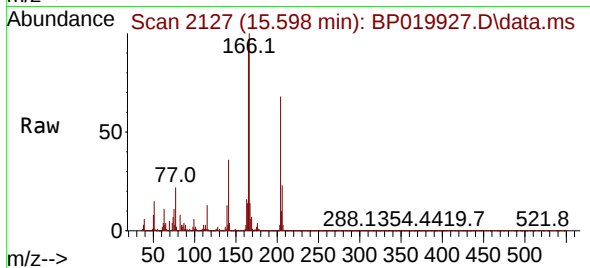
Tgt Ion:149 Resp: 990999
Ion Ratio Lower Upper
149 100
177 24.1 18.4 27.6
150 12.4 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 41.676 ng
RT: 15.598 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

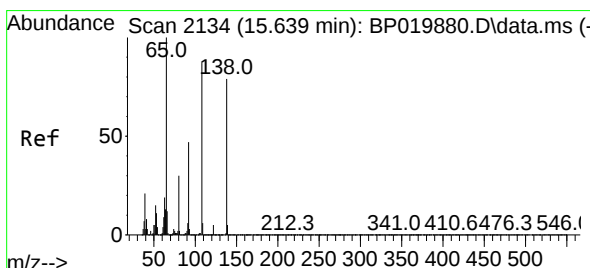
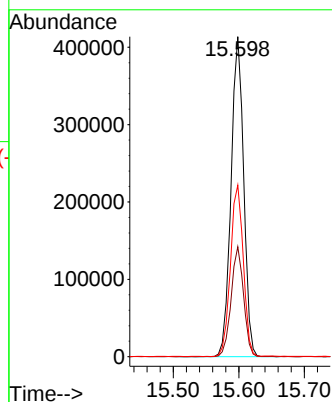
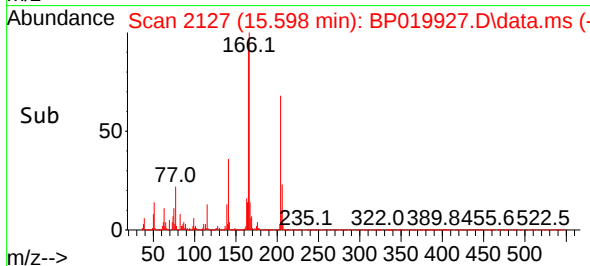
Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD



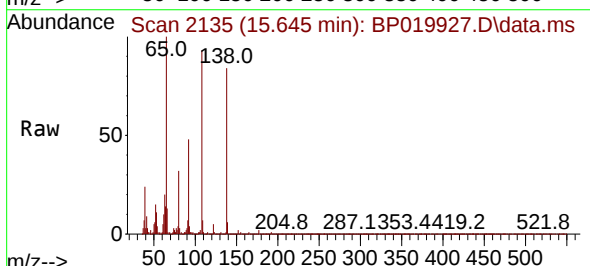
Tgt Ion:204 Resp: 554049
Ion Ratio Lower Upper
204 100
206 34.3 26.6 39.8
141 53.6 44.2 66.4

Manual Integrations
APPROVED

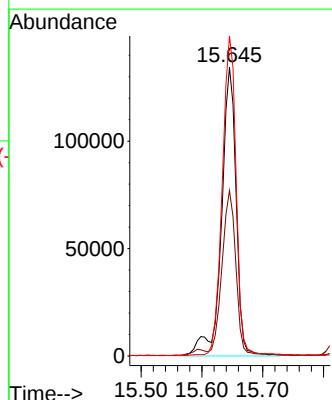
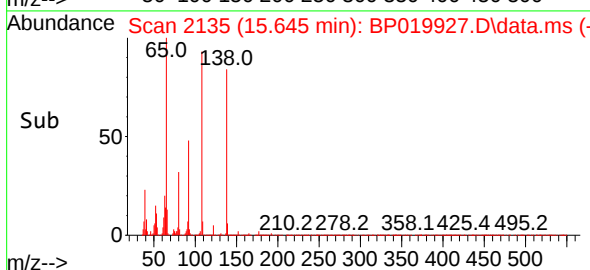
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

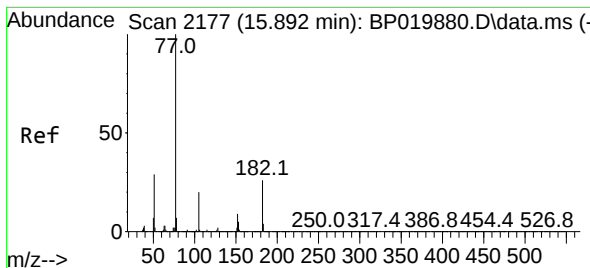


#62
4-Nitroaniline
Concen: 40.198 ng m
RT: 15.645 min Scan# 2135
Delta R.T. 0.006 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09



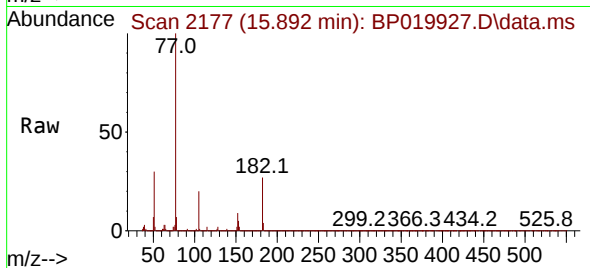
Tgt Ion:138 Resp: 226204
Ion Ratio Lower Upper
138 100
92 57.3 39.5 79.5
108 110.9 90.7 130.7





#63
Azobenzene
Concen: 37.438 ng
RT: 15.892 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

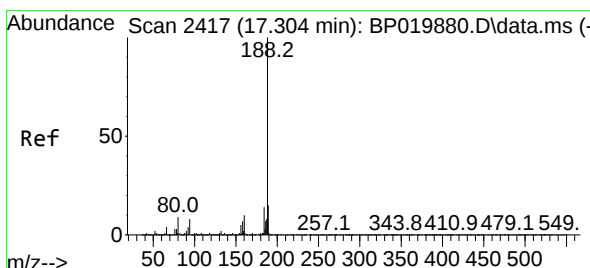
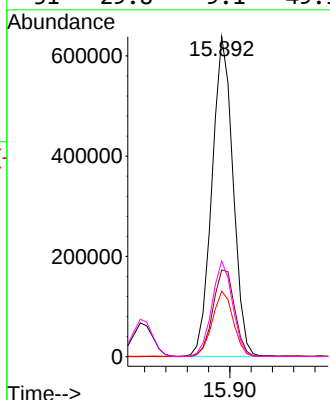
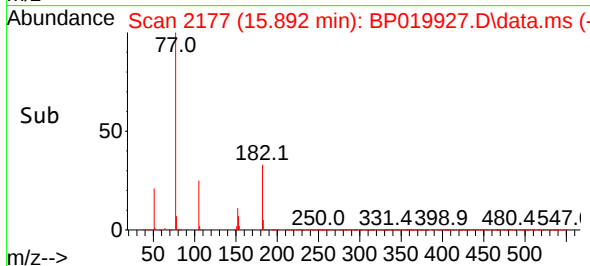
Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD



Tgt Ion:	77	Resp:	87315
Ion	Ratio	Lower	Upper
77	100		
182	27.1	6.3	46.3
105	20.5	0.0	40.0
51	29.8	9.1	49.1

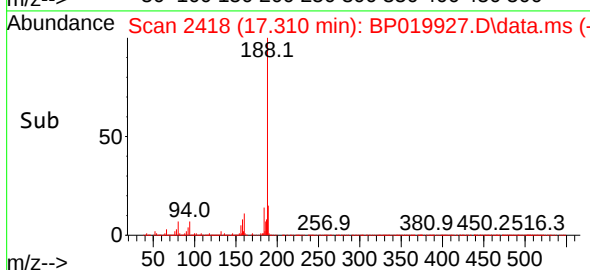
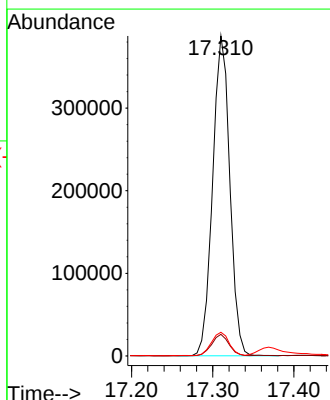
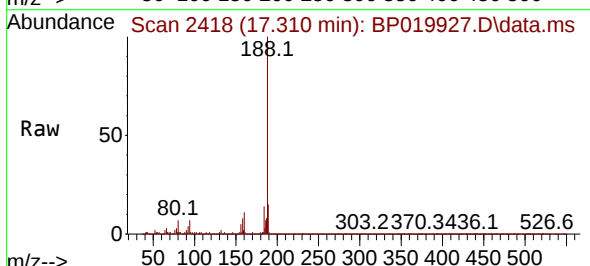
Manual Integrations
APPROVED

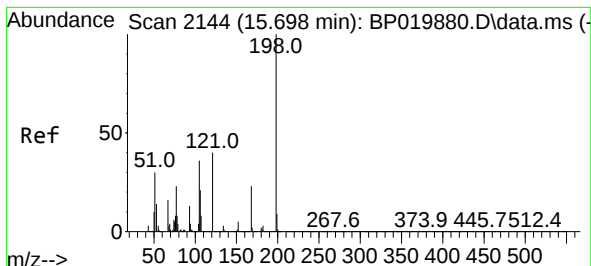
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2418
Delta R.T. 0.006 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

Tgt Ion:	188	Resp:	569467
Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.2	9.4
80	7.4	7.0	10.4





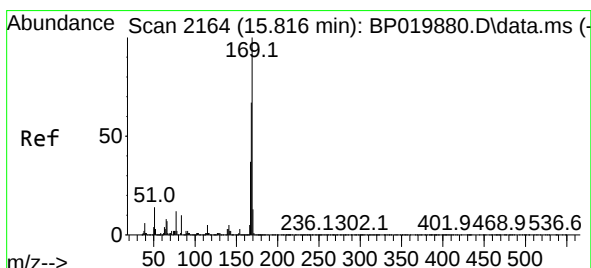
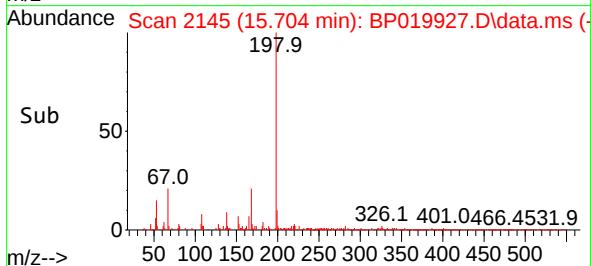
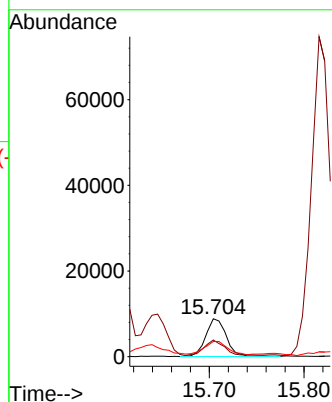
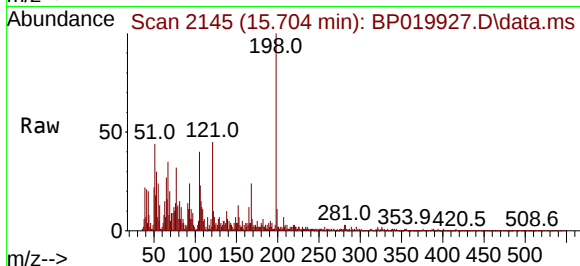
#65
4,6-Dinitro-2-methylphenol
Concen: 3.393 ng
RT: 15.704 min Scan# 2145
Delta R.T. 0.006 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD

Tgt Ion:198 Resp: 1311
Ion Ratio Lower Upper
198 100
51 44.0 16.3 56.3
105 39.8 17.8 57.8

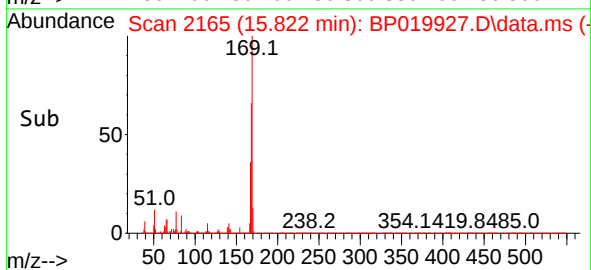
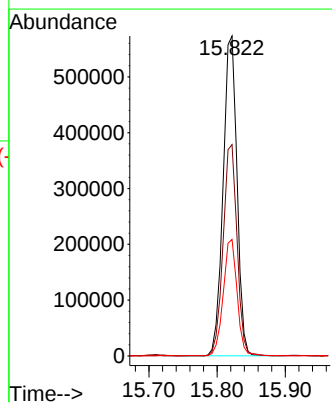
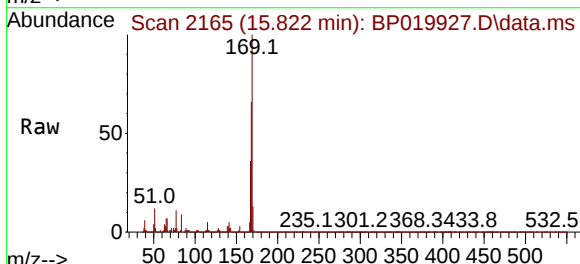
Manual Integrations
APPROVED

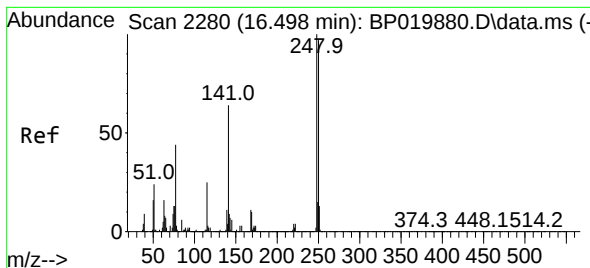
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#66
n-Nitrosodiphenylamine
Concen: 49.752 ng
RT: 15.822 min Scan# 2165
Delta R.T. 0.006 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

Tgt Ion:169 Resp: 812964
Ion Ratio Lower Upper
169 100
168 66.1 53.6 80.4
167 36.4 29.4 44.0





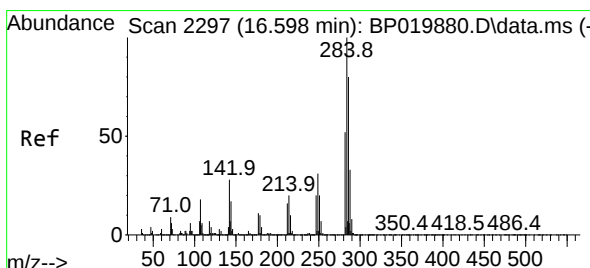
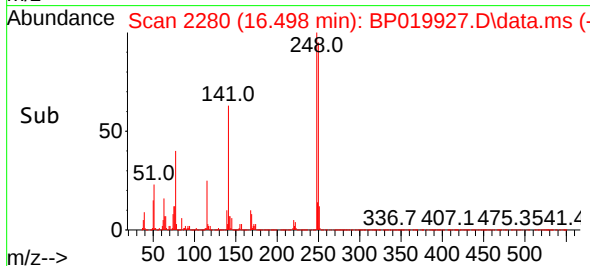
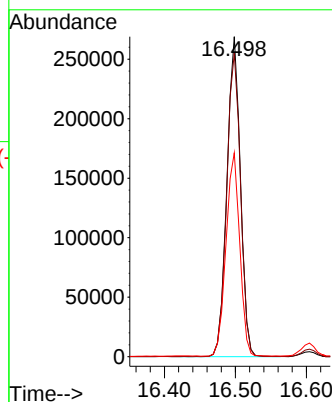
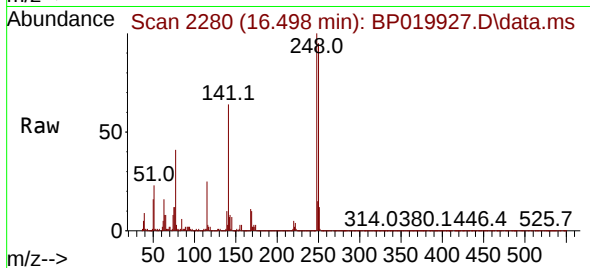
#67
4-Bromophenyl-phenylether
Concen: 50.420 ng
RT: 16.498 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD

Tgt Ion:248 Resp: 35502
Ion Ratio Lower Upper
248 100
250 94.8 78.0 117.0
141 63.7 51.6 77.4

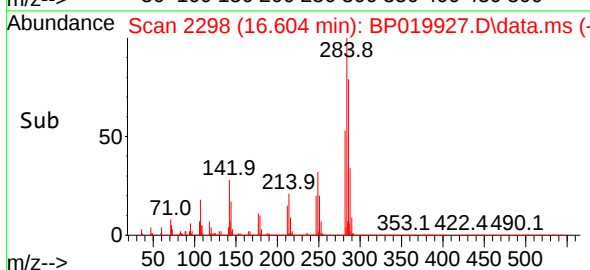
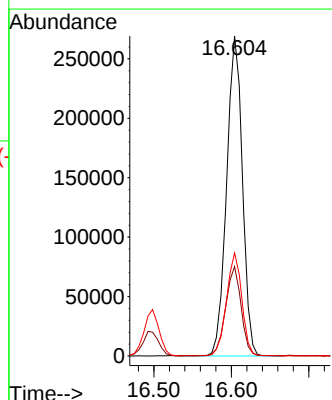
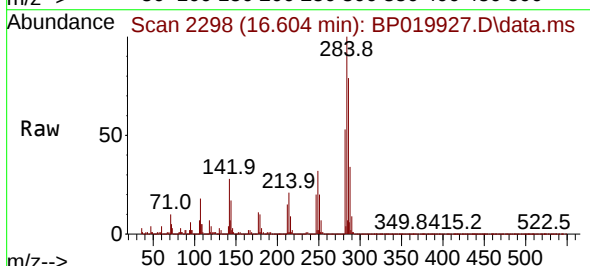
Manual Integrations
APPROVED

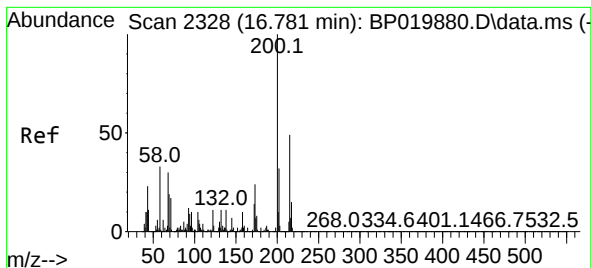
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#68
Hexachlorobenzene
Concen: 50.131 ng
RT: 16.604 min Scan# 2298
Delta R.T. 0.006 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

Tgt Ion:284 Resp: 380683
Ion Ratio Lower Upper
284 100
142 28.0 22.6 33.8
249 32.2 25.2 37.8





#69

Atrazine

Concen: 41.475 ng

RT: 16.787 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP019927.D

Acq: 28 Feb 2024 21:09

Instrument :

BNA_P

ClientSampleId :

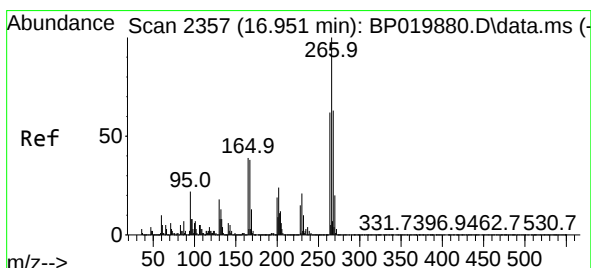
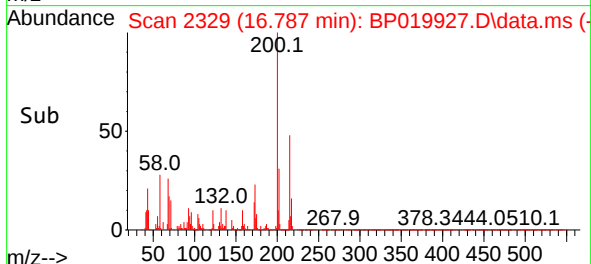
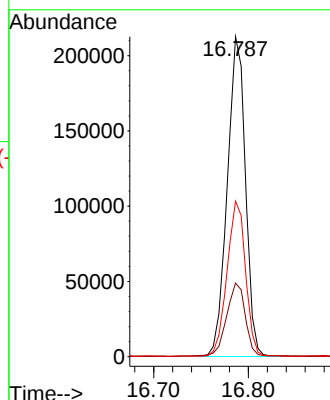
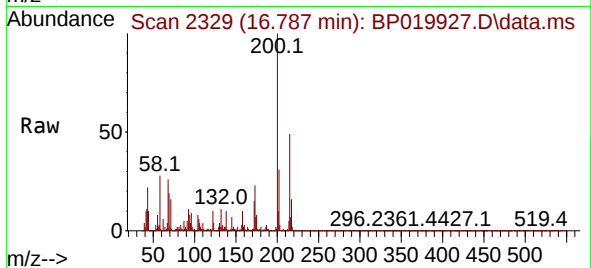
SU-02-02272024MSD

Tgt Ion:200 Resp: 283572
 Ion Ratio Lower Upper
 200 100
 173 23.0 4.1 44.1
 215 48.6 29.1 69.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
 Supervised By :mohammad ahmed 03/01/2024



#70

Pentachlorophenol

Concen: 79.460 ng

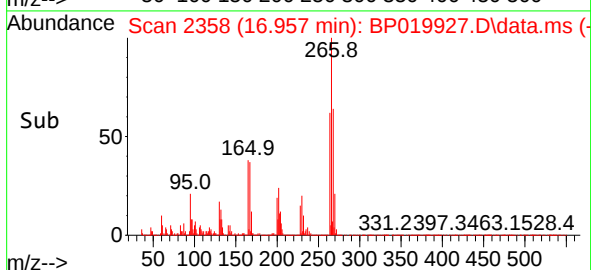
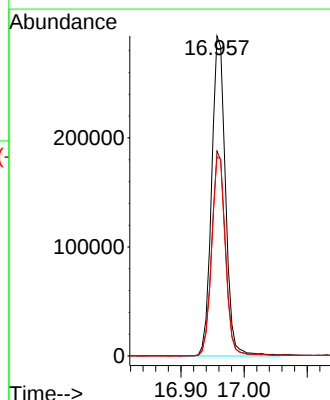
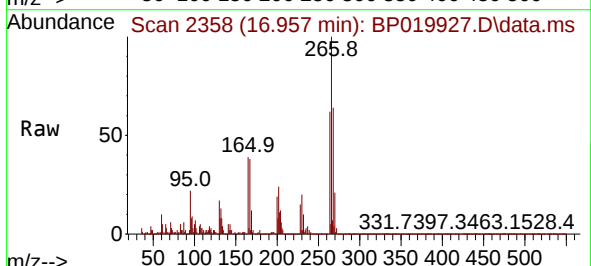
RT: 16.957 min Scan# 2358

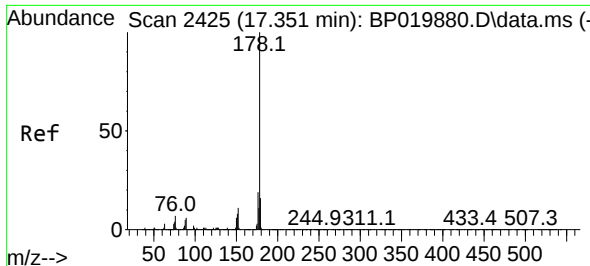
Delta R.T. 0.006 min

Lab File: BP019927.D

Acq: 28 Feb 2024 21:09

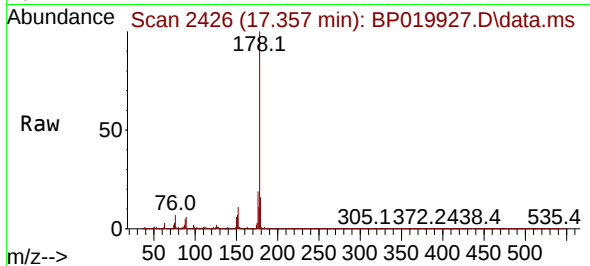
Tgt Ion:266 Resp: 446006
 Ion Ratio Lower Upper
 266 100
 268 64.0 50.6 76.0
 264 62.2 49.7 74.5





#71
Phenanthrene
Concen: 42.513 ng
RT: 17.357 min Scan# 2425
Delta R.T. 0.006 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

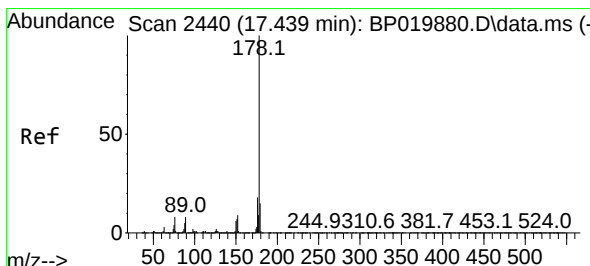
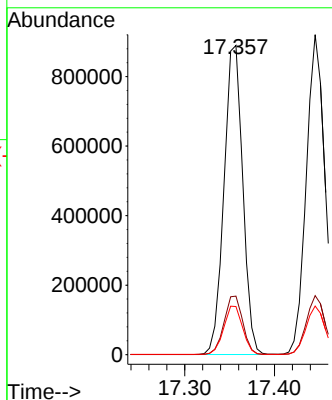
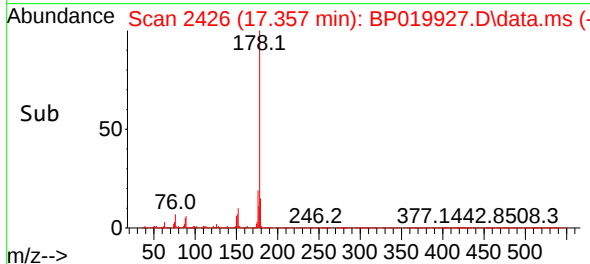
Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD



Tgt Ion:178 Resp: 1292229
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 15.6 12.5 18.7

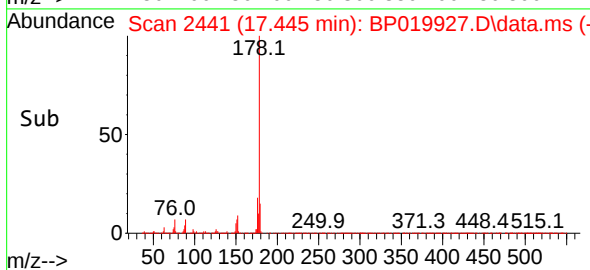
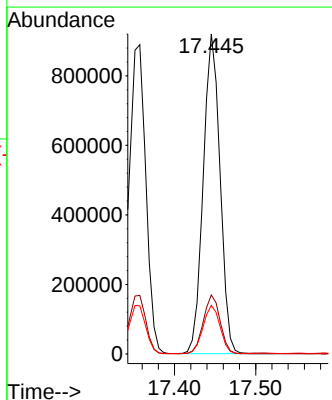
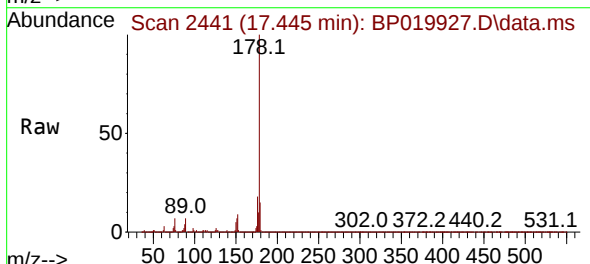
Manual Integrations
APPROVED

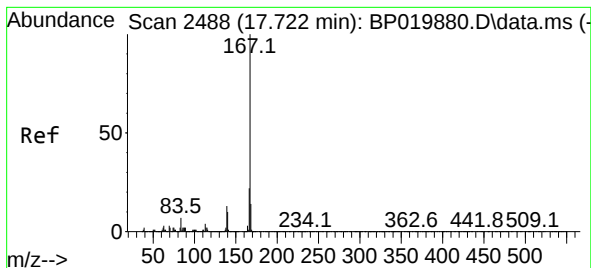
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#72
Anthracene
Concen: 42.496 ng
RT: 17.445 min Scan# 2441
Delta R.T. 0.006 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

Tgt Ion:178 Resp: 1318609
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 15.2 12.2 18.4





#73

Carbazole

Concen: 39.872 ng

RT: 17.728 min Scan# 2488

Delta R.T. 0.006 min

Lab File: BP019927.D

Acq: 28 Feb 2024 21:09

Instrument :

BNA_P

ClientSampleId :

SU-02-02272024MSD

Tgt Ion:167 Resp: 1095760

Ion Ratio Lower Upper

167 100

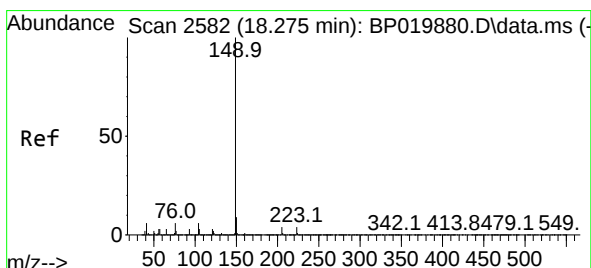
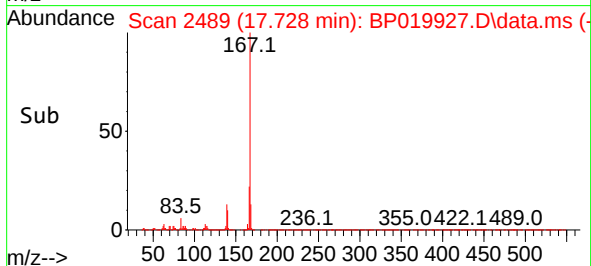
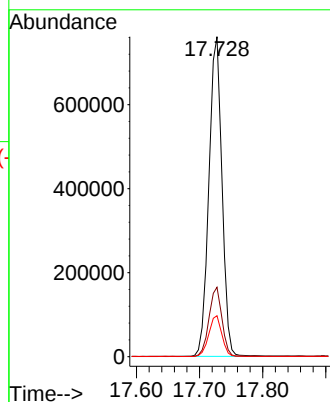
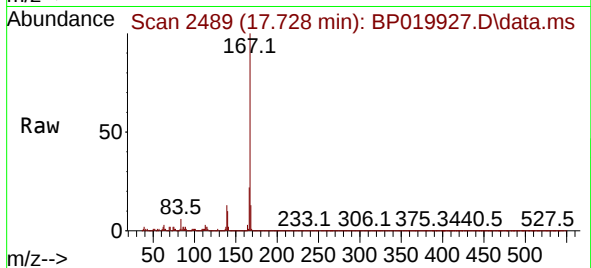
166 21.7 17.3 25.9

139 12.8 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#74

Di-n-butylphthalate

Concen: 42.695 ng

RT: 18.275 min Scan# 2582

Delta R.T. 0.000 min

Lab File: BP019927.D

Acq: 28 Feb 2024 21:09

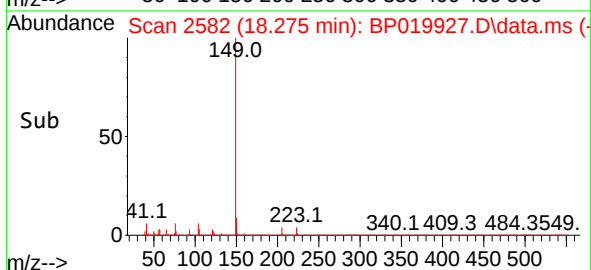
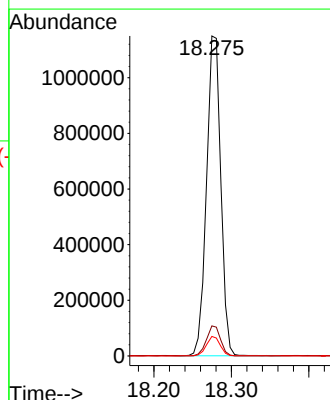
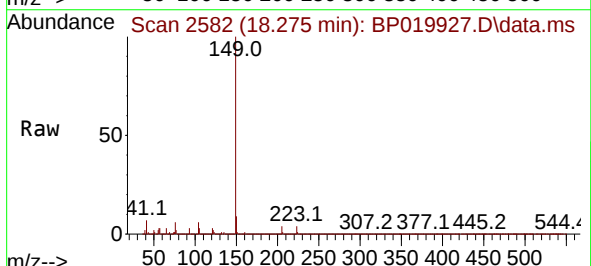
Tgt Ion:149 Resp: 1467461

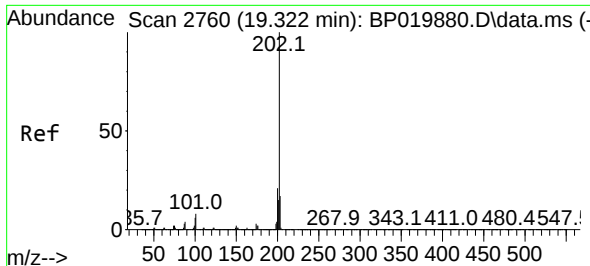
Ion Ratio Lower Upper

149 100

150 9.4 7.3 10.9

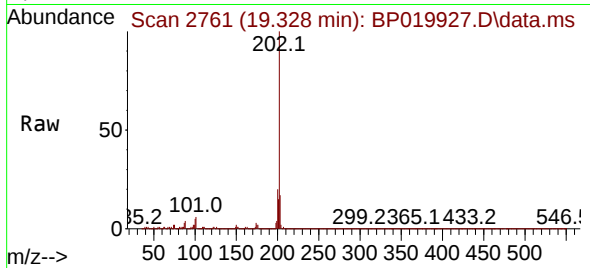
104 6.1 4.6 7.0





#75
Fluoranthene
Concen: 35.336 ng
RT: 19.328 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

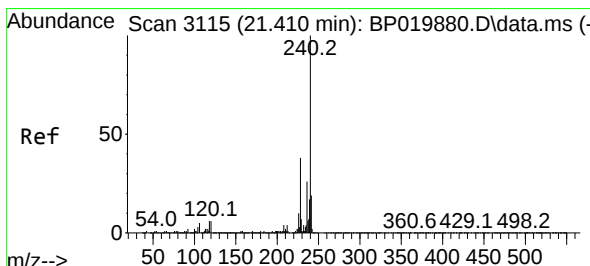
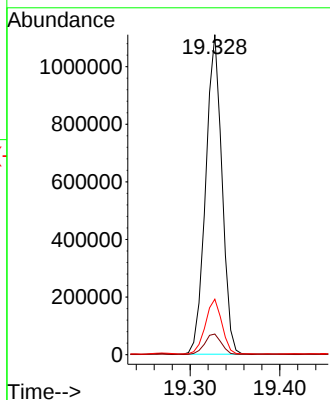
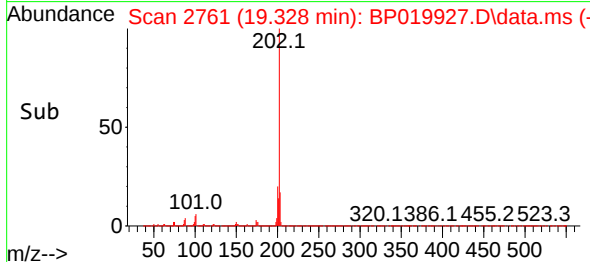
Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD



Tgt Ion:202 Resp: 1393939
Ion Ratio Lower Upper
202 100
101 6.4 0.0 27.7
203 17.4 0.0 37.5

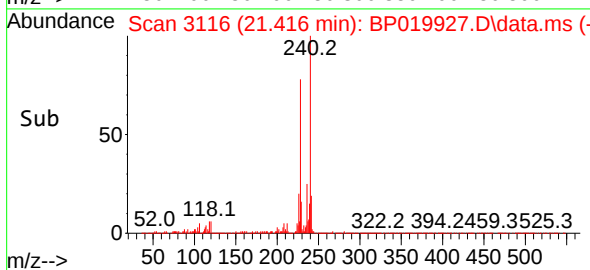
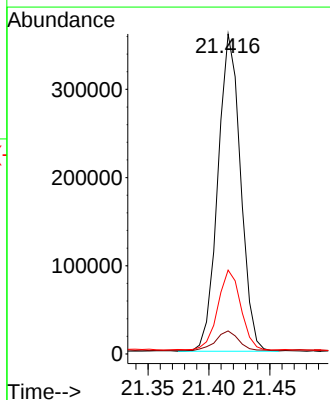
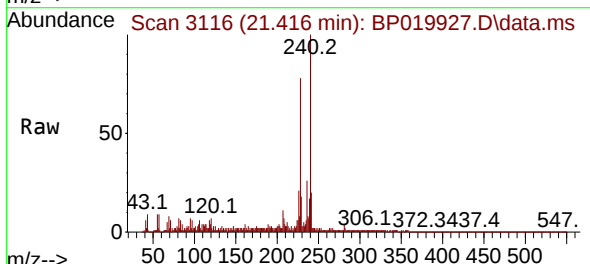
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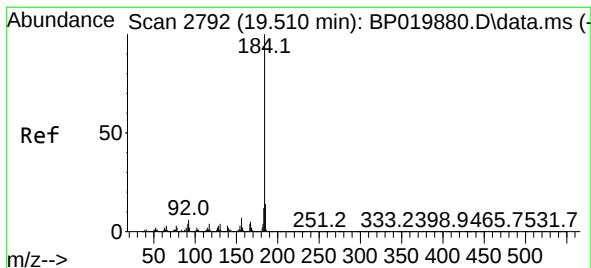
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.416 min Scan# 3116
Delta R.T. 0.006 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

Tgt Ion:240 Resp: 466550
Ion Ratio Lower Upper
240 100
120 7.2 5.1 7.7
236 26.2 20.5 30.7





#77

Benzidine

Concen: 42.310 ng

RT: 19.516 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP019927.D

Acq: 28 Feb 2024 21:09

Instrument :

BNA_P

ClientSampleId :

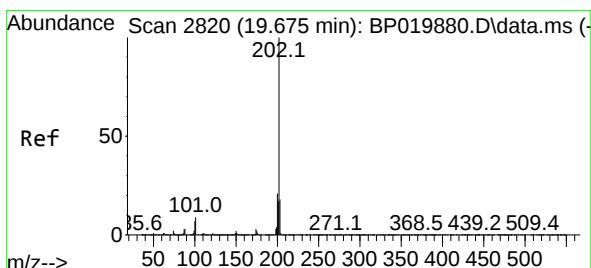
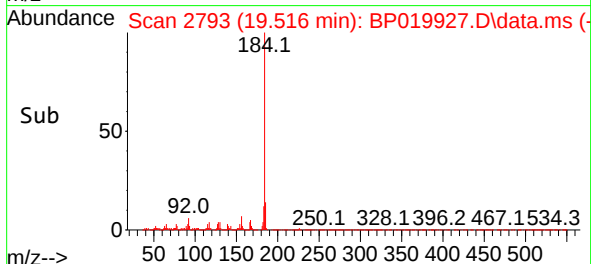
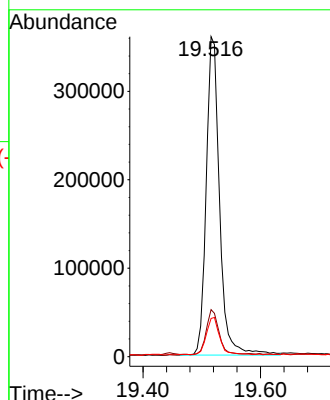
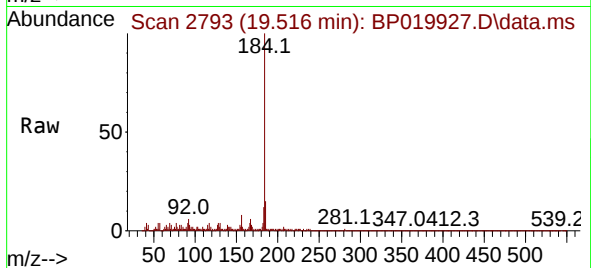
SU-02-02272024MSD

Tgt Ion:184 Resp: 567019
 Ion Ratio Lower Upper
 184 100
 185 14.7 11.2 16.8
 183 12.0 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
 Supervised By :mohammad ahmed 03/01/2024



#78

Pyrene

Concen: 44.267 ng

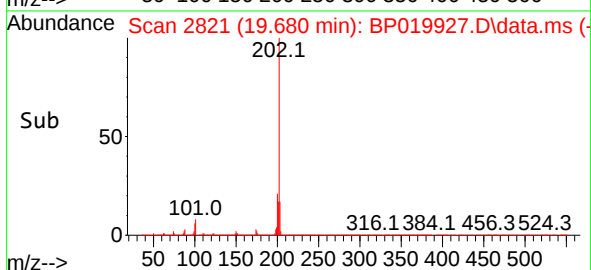
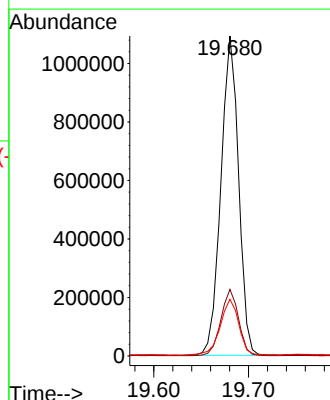
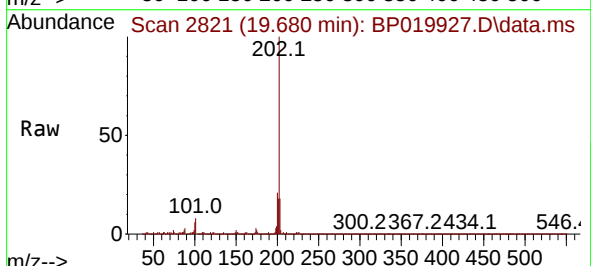
RT: 19.680 min Scan# 2821

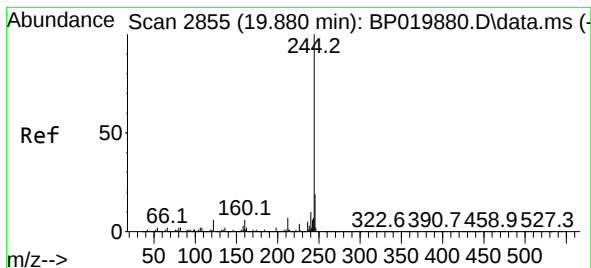
Delta R.T. 0.006 min

Lab File: BP019927.D

Acq: 28 Feb 2024 21:09

Tgt Ion:202 Resp: 1418976
 Ion Ratio Lower Upper
 202 100
 200 20.8 16.7 25.1
 203 17.7 14.2 21.2





#79

Terphenyl-d14

Concen: 30.657 ng

RT: 19.880 min Scan# 2855

Delta R.T. 0.000 min

Lab File: BP019927.D

Acq: 28 Feb 2024 21:09

Instrument :

BNA_P

ClientSampleId :

SU-02-02272024MSD

Tgt Ion:244 Resp: 90746

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

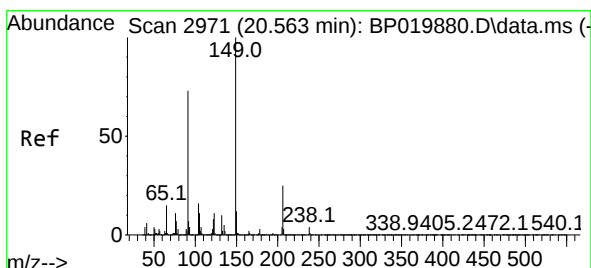
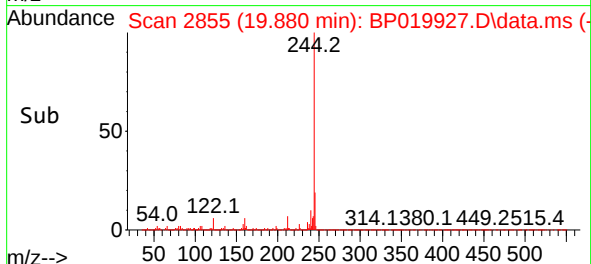
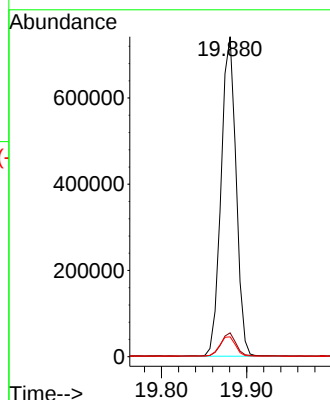
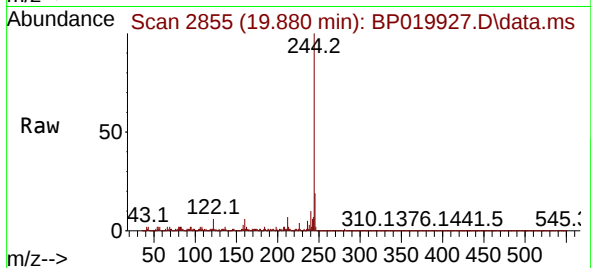
122 6.2 5.0 7.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024

Supervised By :mohammad ahmed 03/01/2024



#80

Butylbenzylphthalate

Concen: 41.142 ng

RT: 20.569 min Scan# 2972

Delta R.T. 0.006 min

Lab File: BP019927.D

Acq: 28 Feb 2024 21:09

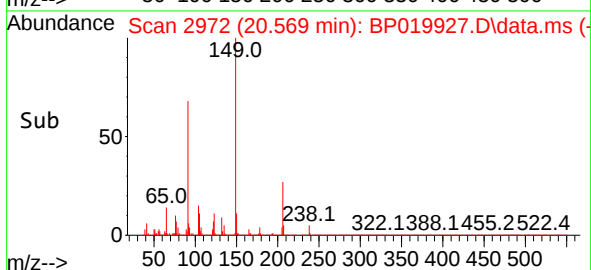
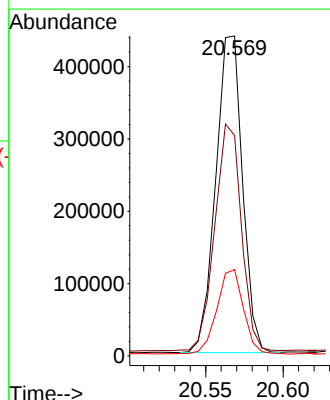
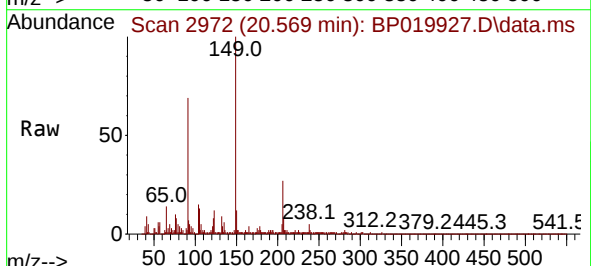
Tgt Ion:149 Resp: 527369

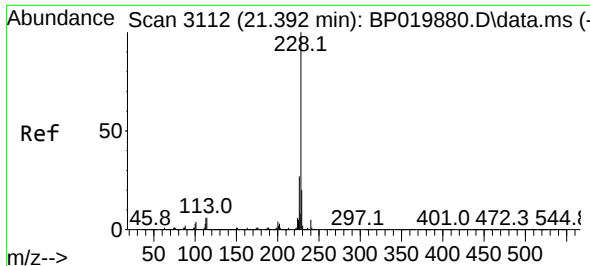
Ion Ratio Lower Upper

149 100

91 68.9 58.3 87.5

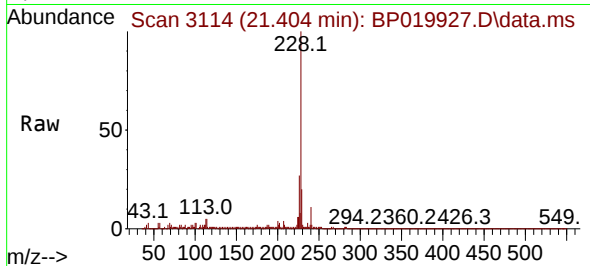
206 27.0 19.8 29.8





#81
Benzo(a)anthracene
Concen: 43.408 ng
RT: 21.404 min Scan# 3112
Delta R.T. 0.012 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

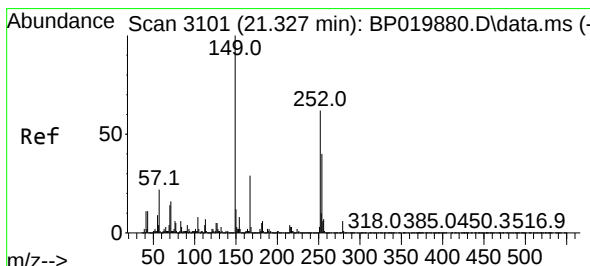
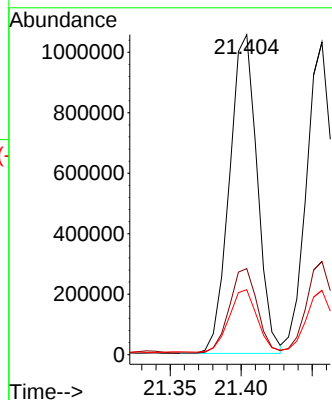
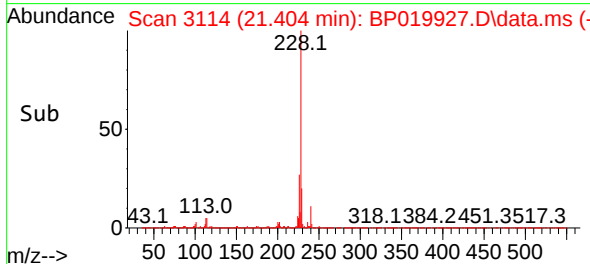
Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD



Tgt Ion:228 Resp: 1437564
Ion Ratio Lower Upper
228 100
226 26.9 21.5 32.3
229 20.3 15.6 23.4

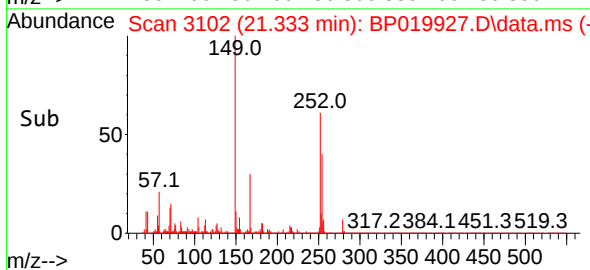
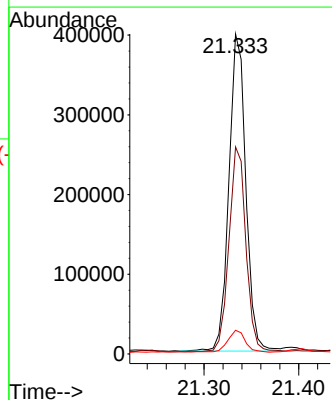
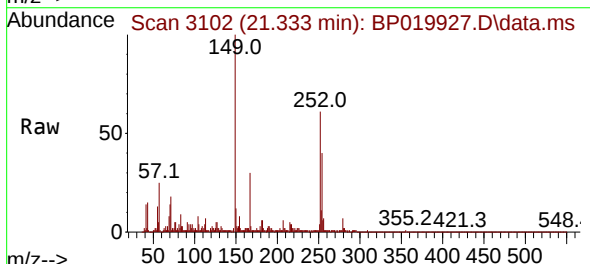
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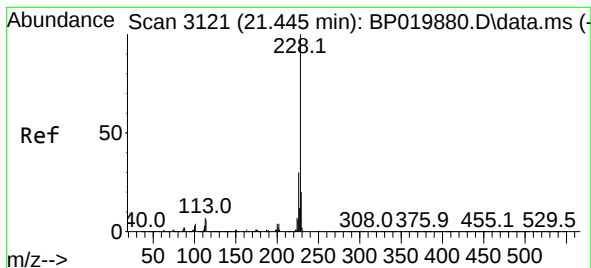
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#82
3,3'-Dichlorobenzidine
Concen: 38.967 ng
RT: 21.333 min Scan# 3102
Delta R.T. 0.006 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

Tgt Ion:252 Resp: 494944
Ion Ratio Lower Upper
252 100
254 64.7 52.0 78.0
126 7.4 6.1 9.1





#83

Chrysene

Concen: 42.688 ng

RT: 21.457 min Scan# 3121

Delta R.T. 0.012 min

Lab File: BP019927.D

Acq: 28 Feb 2024 21:09

Instrument :

BNA_P

ClientSampleId :

SU-02-02272024MSD

Tgt Ion:228 Resp: 132471

Ion Ratio Lower Upper

228 100

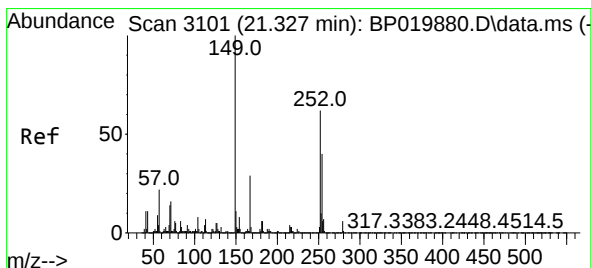
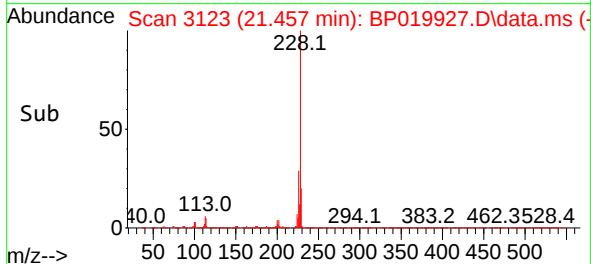
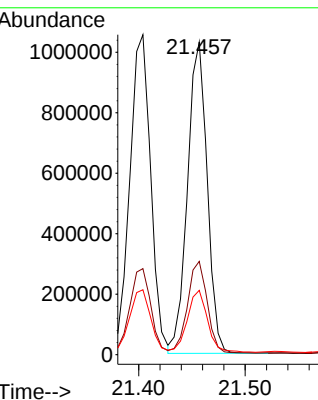
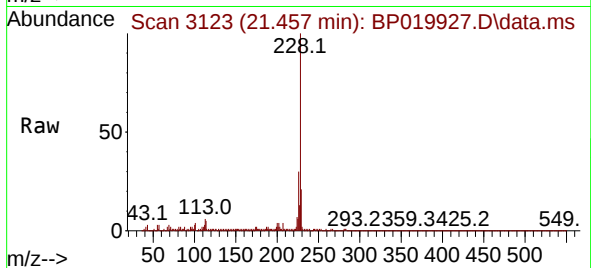
226 29.8 23.9 35.9

229 20.6 15.7 23.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.282 ng

RT: 21.333 min Scan# 3102

Delta R.T. 0.006 min

Lab File: BP019927.D

Acq: 28 Feb 2024 21:09

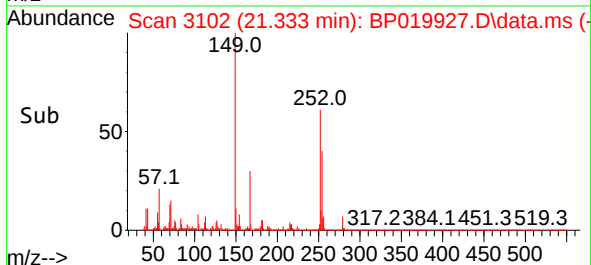
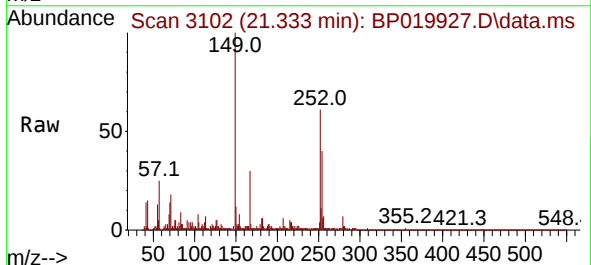
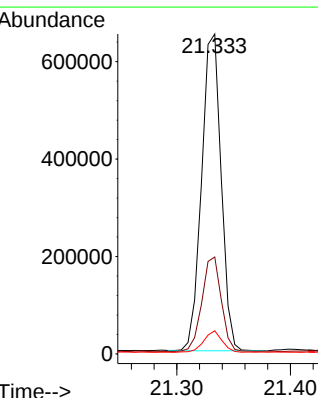
Tgt Ion:149 Resp: 778002

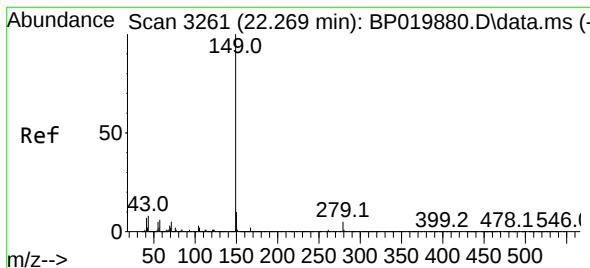
Ion Ratio Lower Upper

149 100

167 30.3 23.0 34.4

279 7.2 4.6 6.8#





#85

Di-n-octyl phthalate

Concen: 42.661 ng

RT: 22.274 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP019927.D

Acq: 28 Feb 2024 21:09

Instrument :

BNA_P

ClientSampleId :

SU-02-02272024MSD

Tgt Ion:149 Resp: 130640

Ion Ratio Lower Upper

149 100

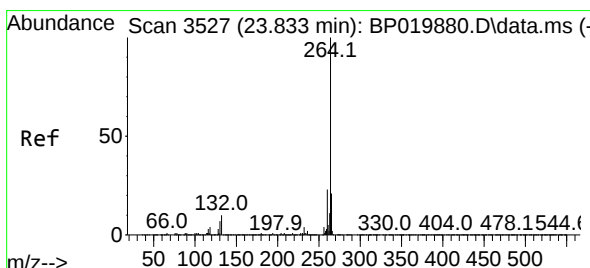
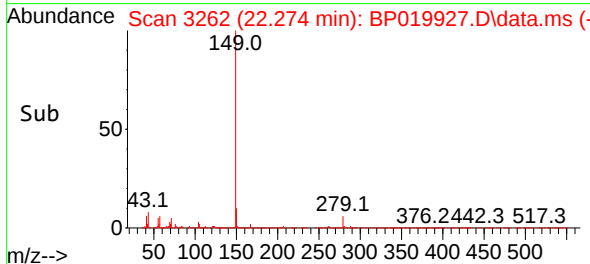
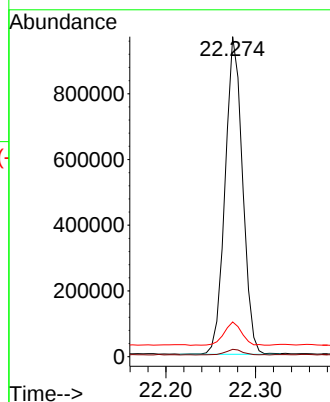
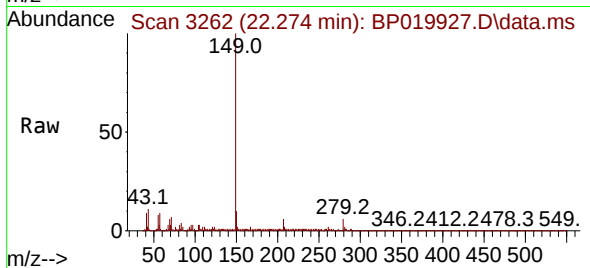
167 1.8 1.4 2.0

43 7.6 6.3 9.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.857 min Scan# 3531

Delta R.T. 0.024 min

Lab File: BP019927.D

Acq: 28 Feb 2024 21:09

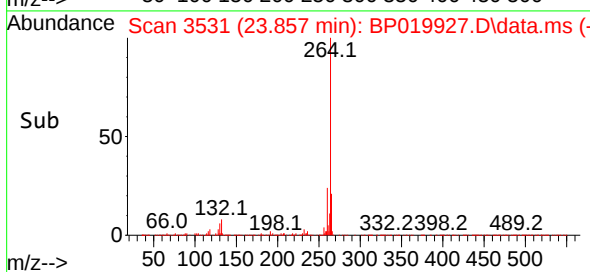
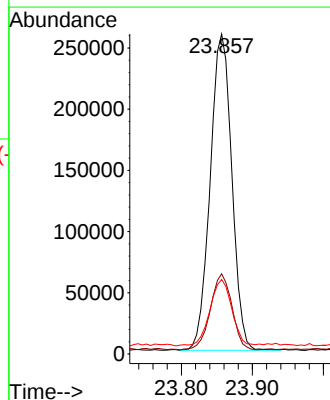
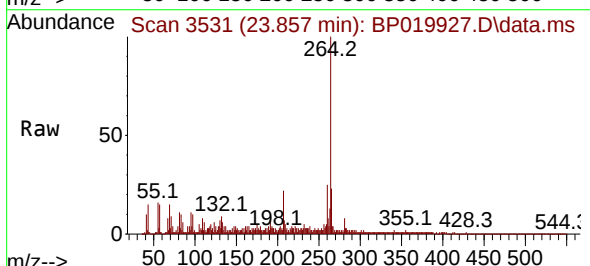
Tgt Ion:264 Resp: 544996

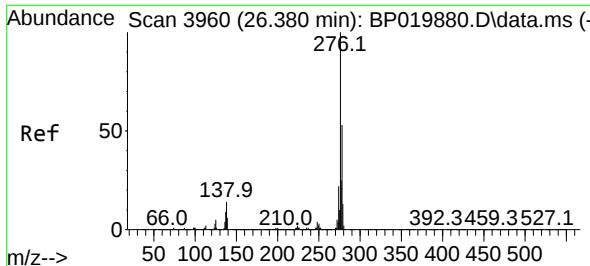
Ion Ratio Lower Upper

264 100

260 25.1 18.7 28.1

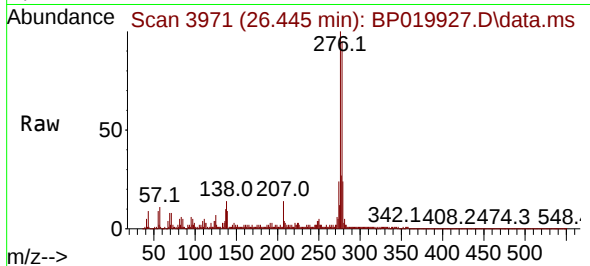
265 23.3 17.4 26.2





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.759 ng
 RT: 26.445 min Scan# 3971
 Delta R.T. 0.065 min
 Lab File: BP019927.D
 Acq: 28 Feb 2024 21:09

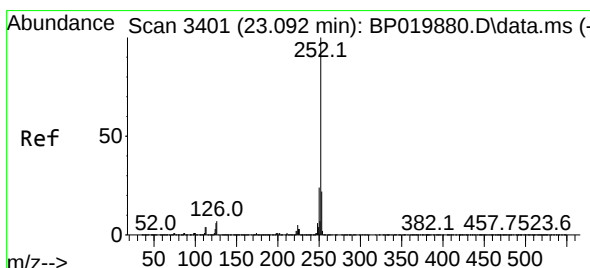
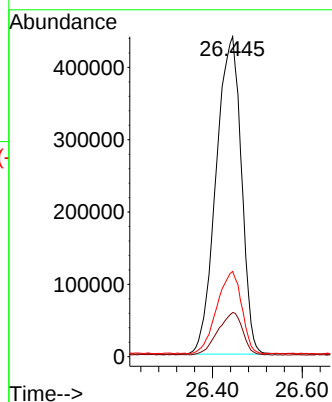
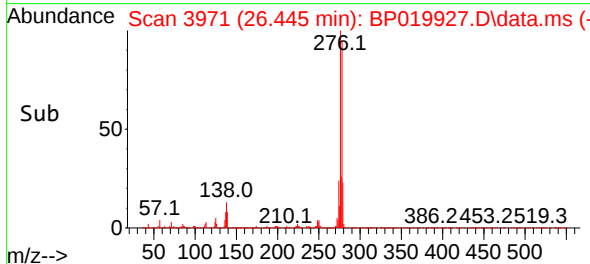
Instrument :
 BNA_P
 ClientSampleId :
 SU-02-02272024MSD



Tgt Ion:276 Resp: 171731
 Ion Ratio Lower Upper
 276 100
 138 13.2 11.7 17.5
 277 25.5 20.2 30.4

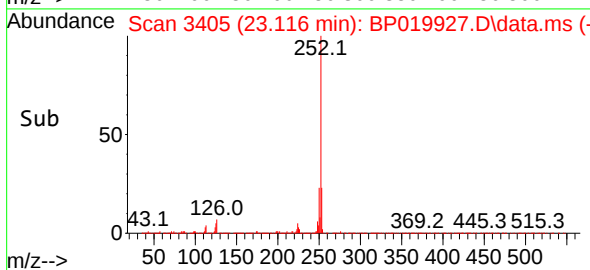
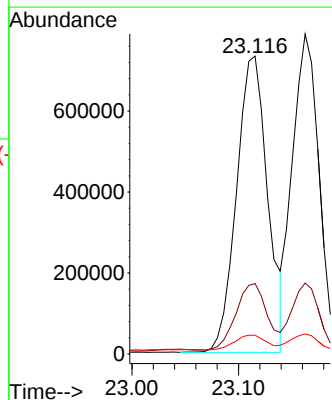
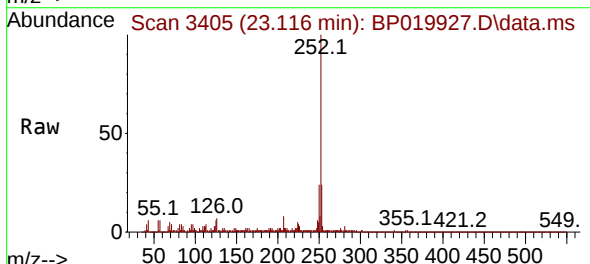
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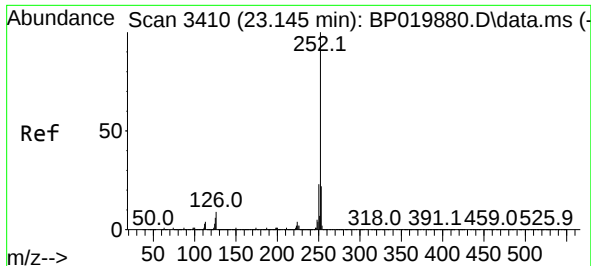
Reviewed By :Jagrut Upadhyay 02/29/2024
 Supervised By :mohammad ahmed 03/01/2024



#88
 Benzo(b)fluoranthene
 Concen: 44.517 ng
 RT: 23.116 min Scan# 3405
 Delta R.T. 0.024 min
 Lab File: BP019927.D
 Acq: 28 Feb 2024 21:09

Tgt Ion:252 Resp: 1487456
 Ion Ratio Lower Upper
 252 100
 253 23.6 17.6 26.4
 125 6.3 4.6 7.0





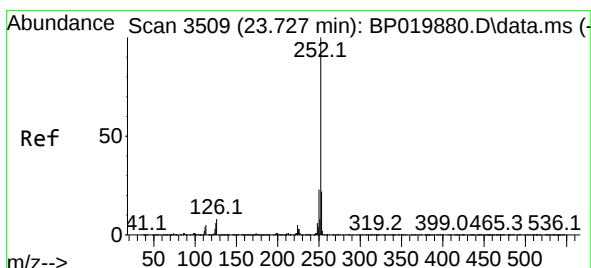
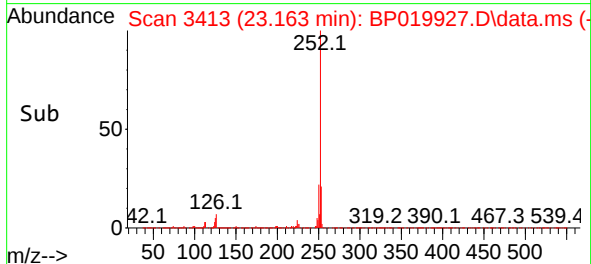
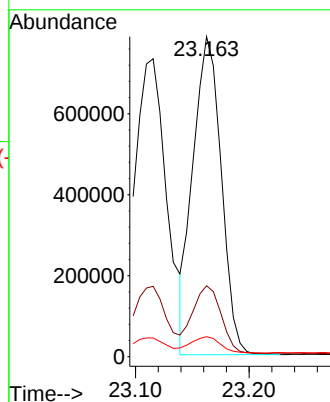
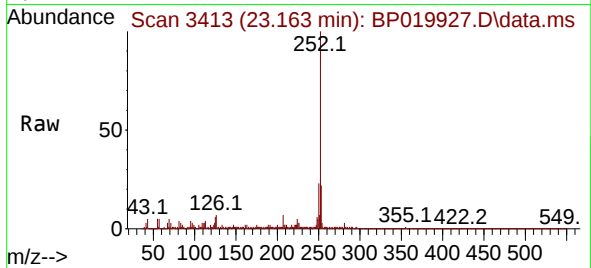
#89
Benzo(k)fluoranthene
Concen: 41.408 ng
RT: 23.163 min Scan# 3410
Delta R.T. 0.018 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD

Tgt Ion:252 Resp: 1356904
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 6.3 4.6 6.8

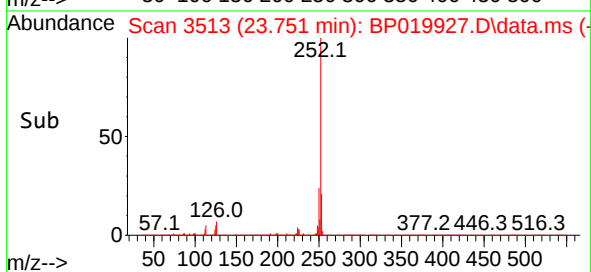
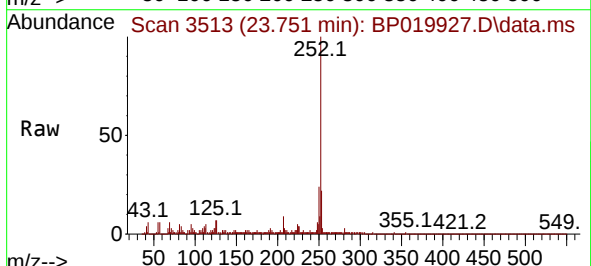
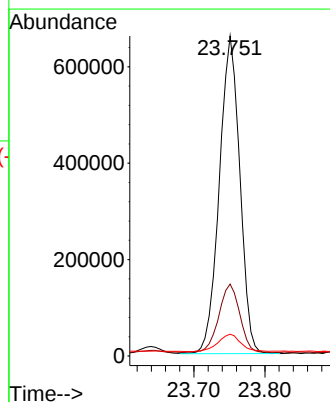
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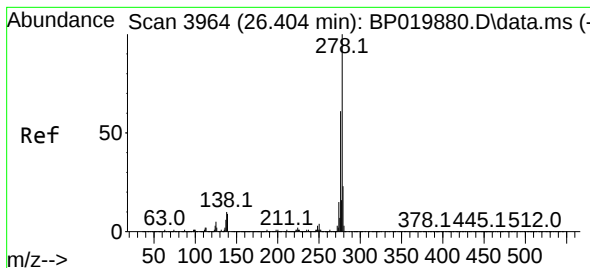
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#90
Benzo(a)pyrene
Concen: 41.283 ng
RT: 23.751 min Scan# 3513
Delta R.T. 0.024 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

Tgt Ion:252 Resp: 1318240
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 6.8 5.2 7.8





#91

Dibenzo(a,h)anthracene

Concen: 44.332 ng

RT: 26.457 min Scan# 3964

Delta R.T. 0.053 min

Lab File: BP019927.D

Acq: 28 Feb 2024 21:09

Instrument :

BNA_P

ClientSampleId :

SU-02-02272024MSD

Tgt Ion:278 Resp: 142991

Ion Ratio Lower Upper

278 100

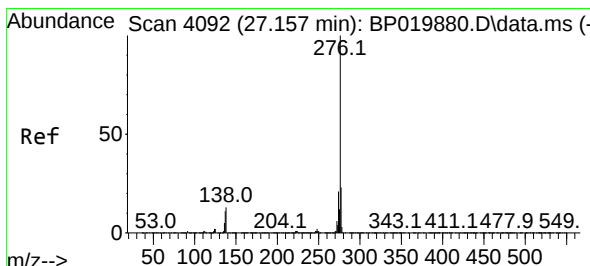
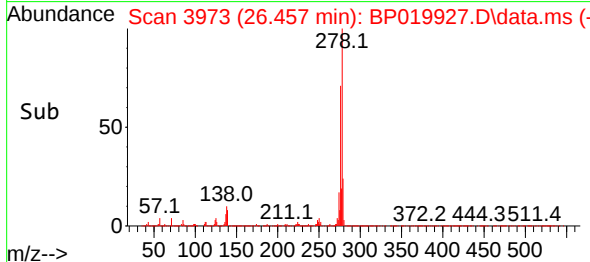
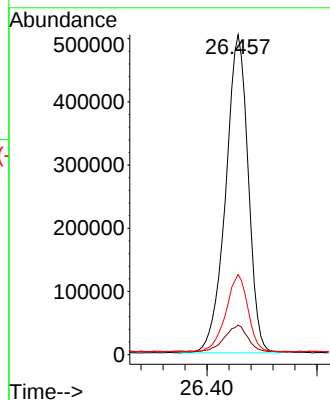
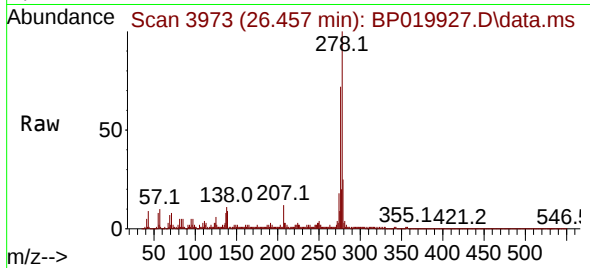
139 9.3 7.4 11.0

279 25.1 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#92

Benzo(g,h,i)perylene

Concen: 43.203 ng

RT: 27.221 min Scan# 4103

Delta R.T. 0.065 min

Lab File: BP019927.D

Acq: 28 Feb 2024 21:09

Tgt Ion:276 Resp: 1345212

Ion Ratio Lower Upper

276 100

277 24.8 18.5 27.7

138 11.4 10.2 15.2

