

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

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	36643	6.110	ng	92
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	332586	35.880	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.422	45	297433	33.760	ng	99
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

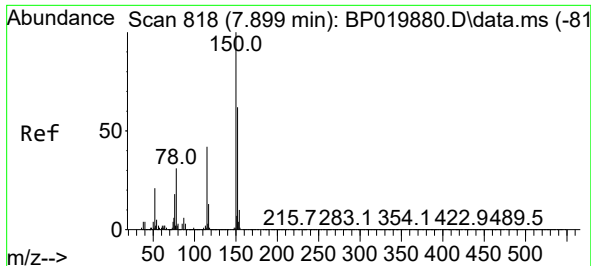
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	353387	42.342	ng	98
46) 1,1'-Biphenyl	13.381	154	1007280	45.286	ng	98
47) 2-Chloronaphthalene	13.422	162	810660	46.956	ng	98
48) 2-Nitroaniline	13.645	65	278175	44.581	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	208423	37.039	ng	99
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

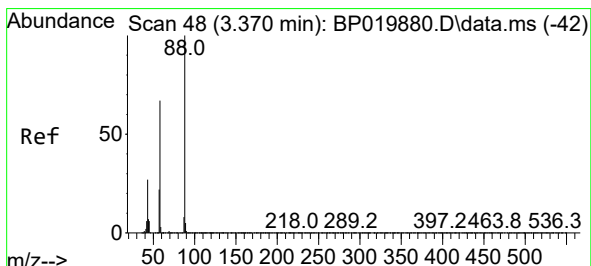
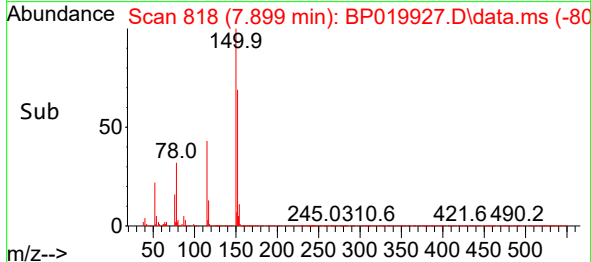
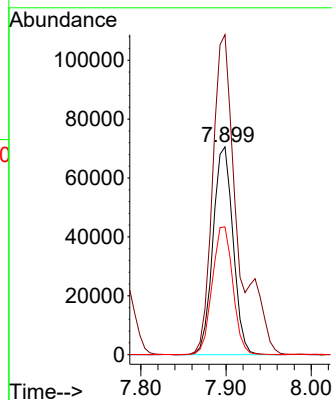
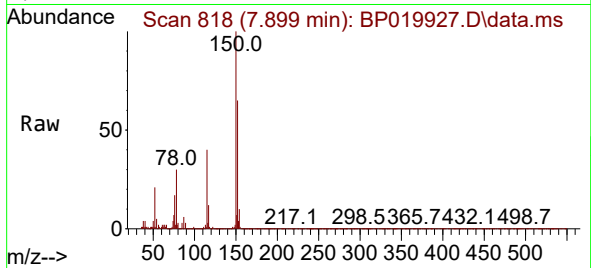
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

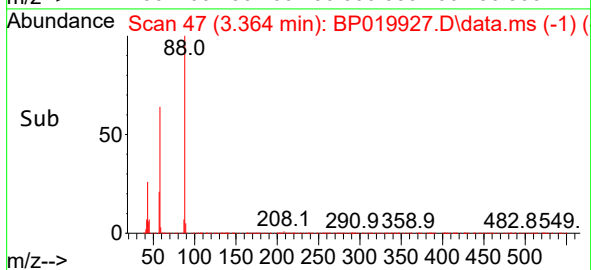
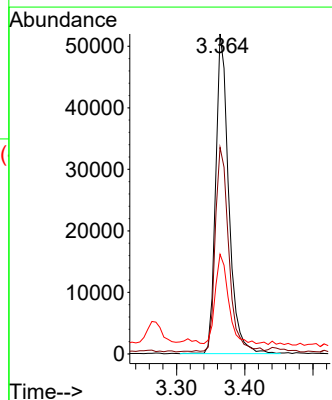
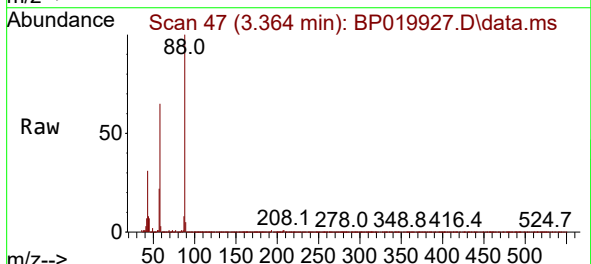
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SU-02-02272024MSD

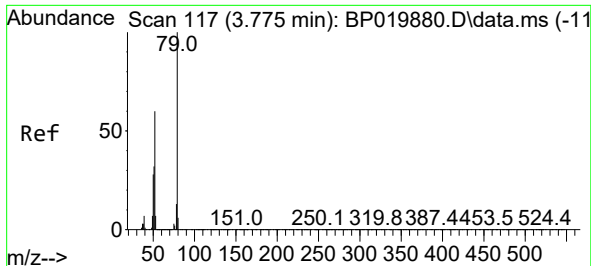
Tgt Ion:152 Resp: 115834
Ion Ratio Lower Upper
152 100
150 153.9 128.6 192.8
115 61.5 53.4 80.2



#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

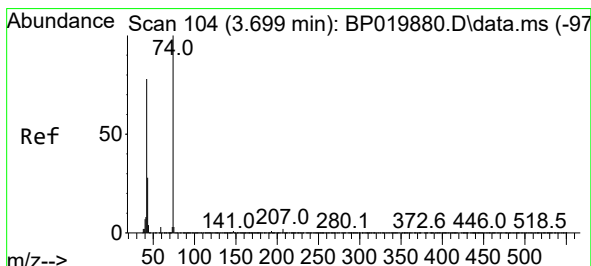
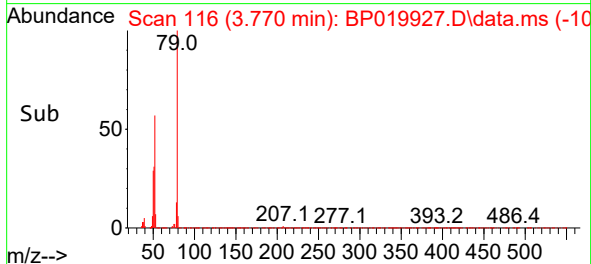
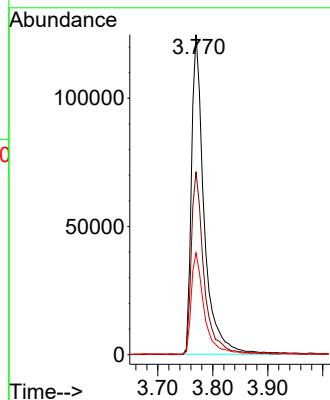
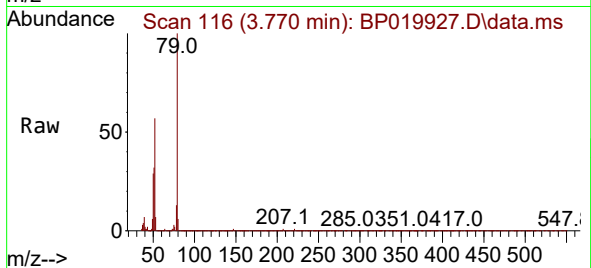




#3
Pyridine
Concen: 26.678 ng
RT: 3.770 min Scan# 117
Delta R.T. -0.005 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

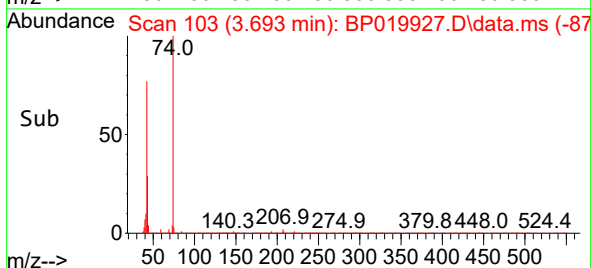
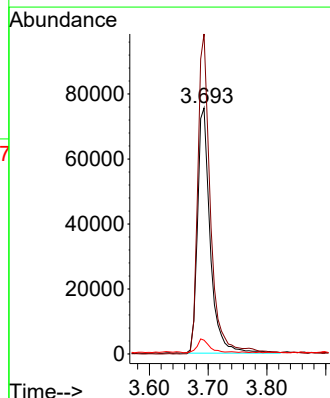
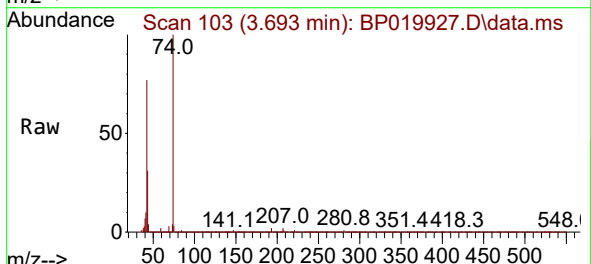
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ClientSampleId :
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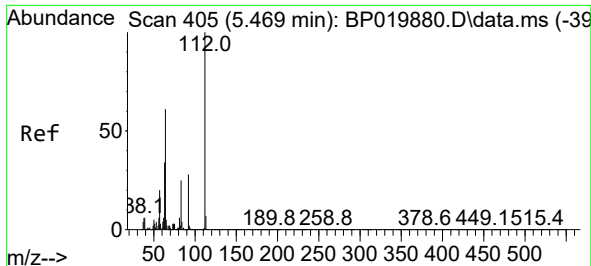
Tgt Ion: 79 Resp: 199169
Ion Ratio Lower Upper
79 100
52 57.2 47.8 71.8
51 31.8 26.2 39.2



#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

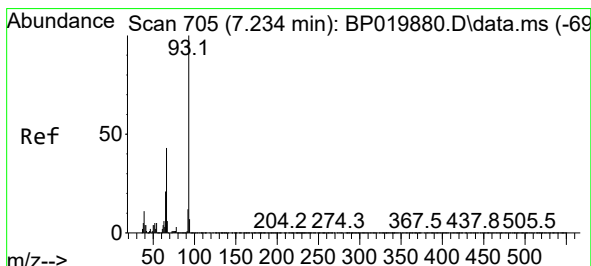
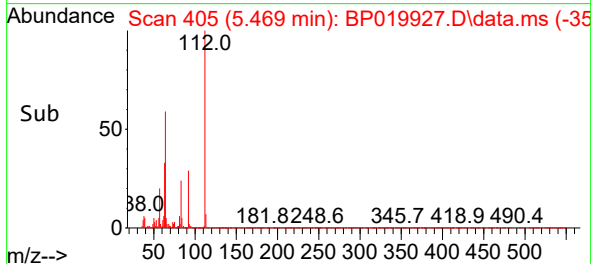
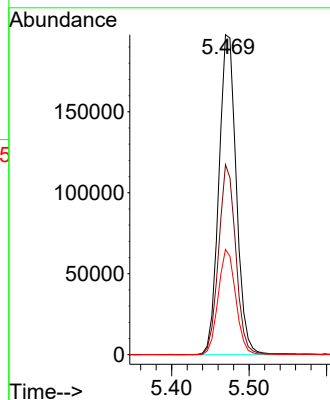
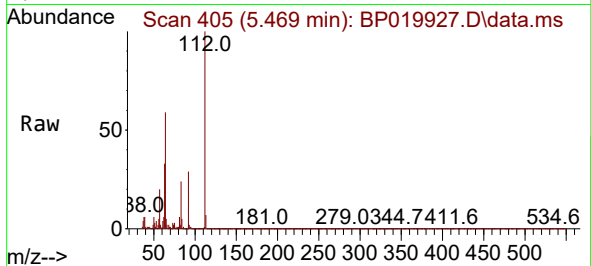




#5
2-Fluorophenol
Concen: 43.949 ng
RT: 5.469 min Scan# 405
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

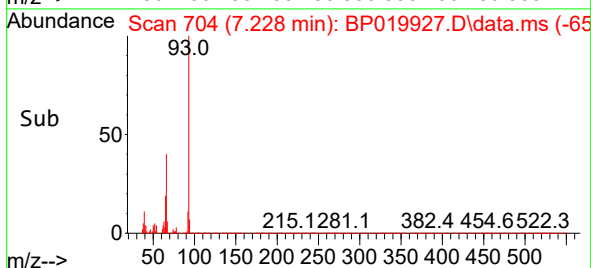
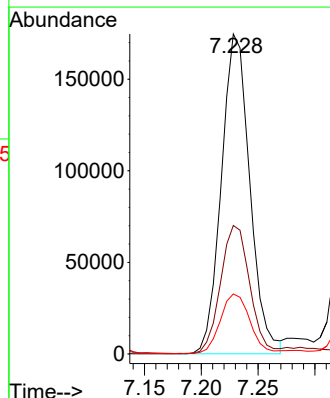
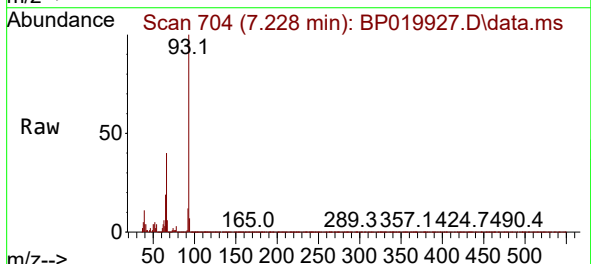
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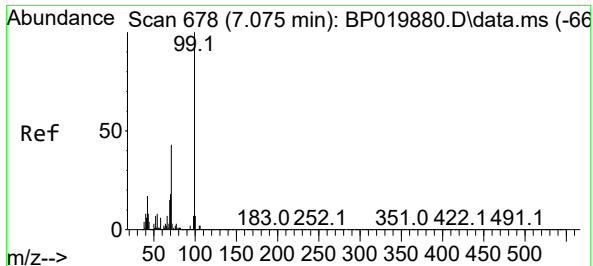
Tgt Ion:112 Resp: 310157
Ion Ratio Lower Upper
112 100
64 59.4 49.0 73.6
63 32.9 27.6 41.4



#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

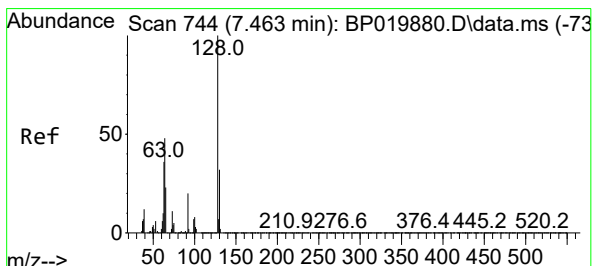
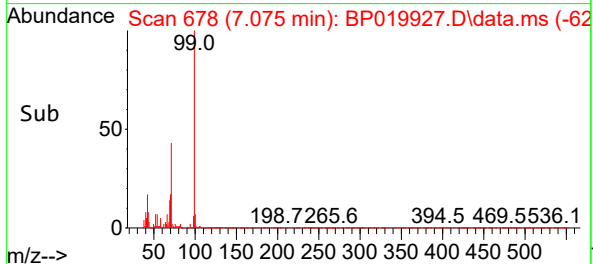
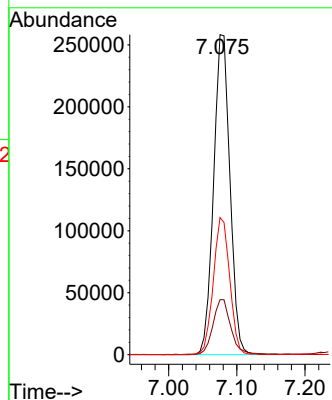
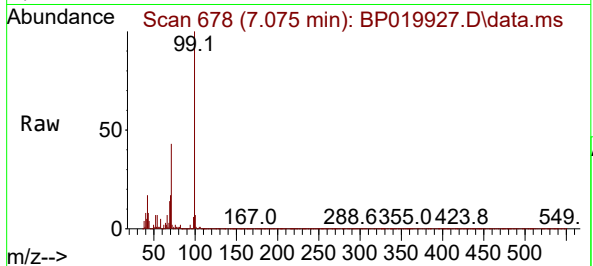




#7
Phenol-d6
Concen: 41.098 ng
RT: 7.075 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

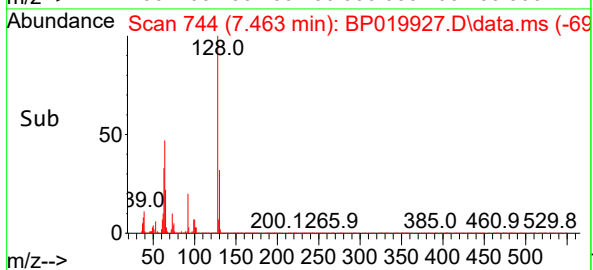
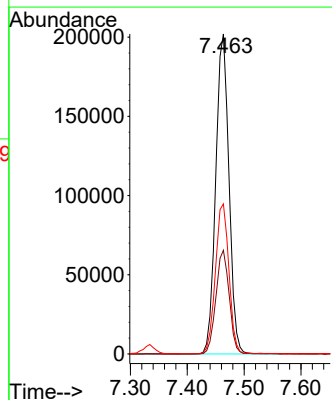
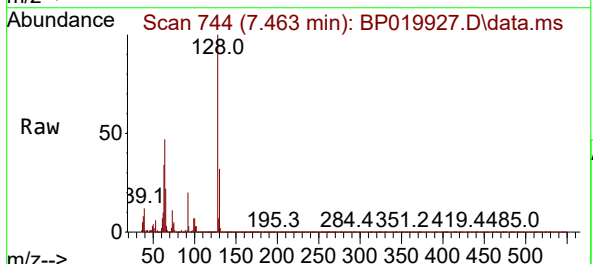
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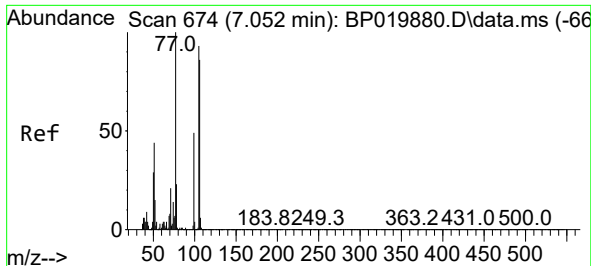
Tgt Ion: 99 Resp: 431816
Ion Ratio Lower Upper
99 100
42 17.2 13.8 20.8
71 42.9 34.5 51.7



#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

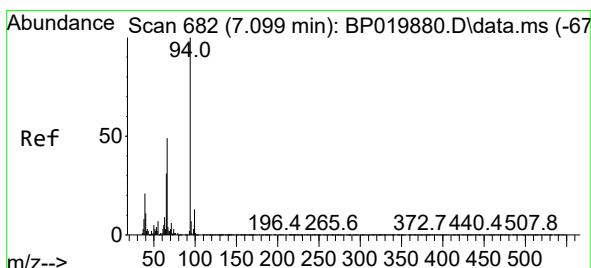
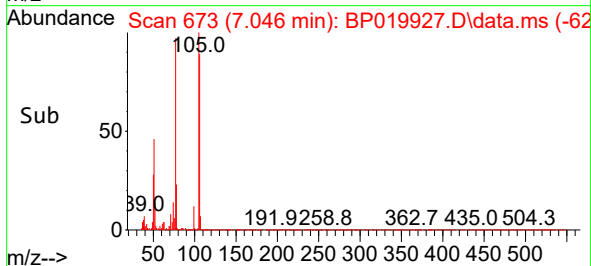
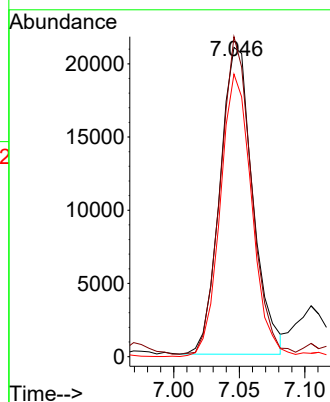
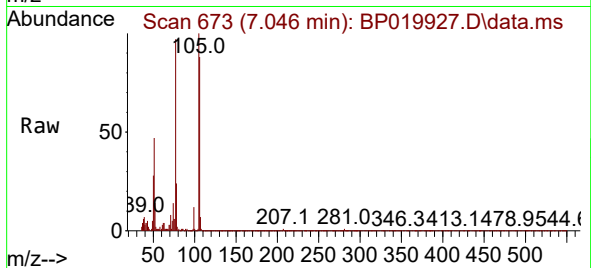




#9
Benzaldehyde
Concen: 6.110 ng
RT: 7.046 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

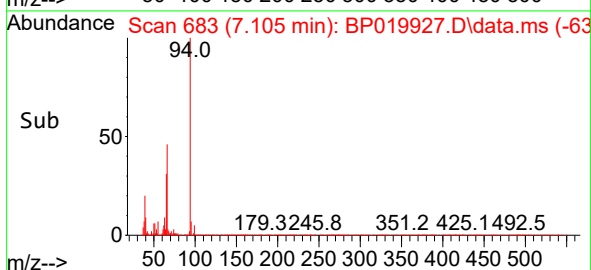
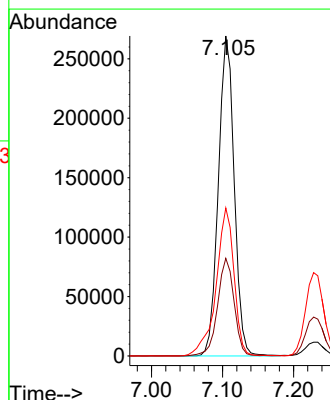
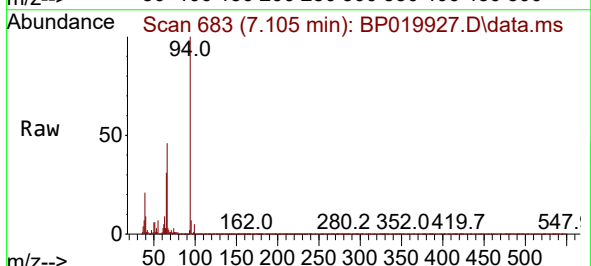
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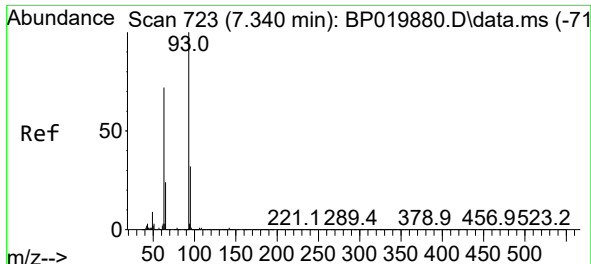
Tgt Ion: 77 Resp: 36643
Ion Ratio Lower Upper
77 100
105 103.4 73.2 113.2
106 91.3 66.3 106.3



#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

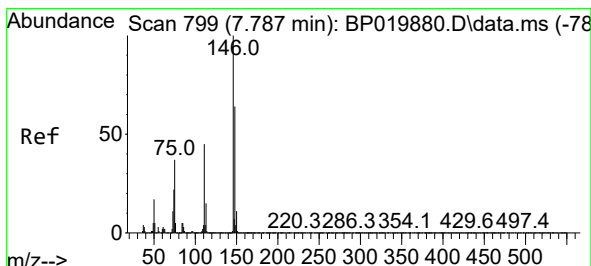
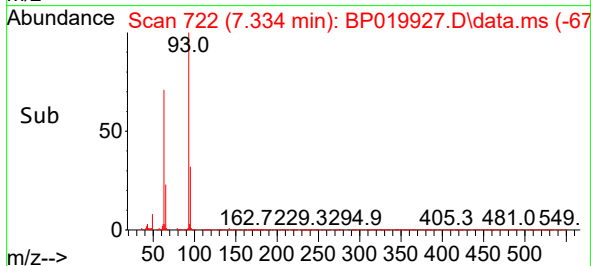
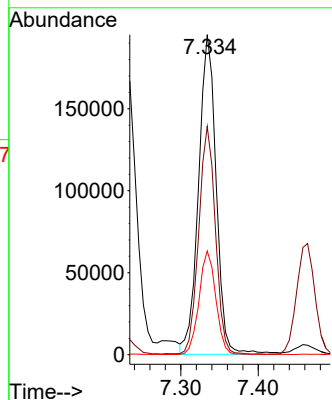
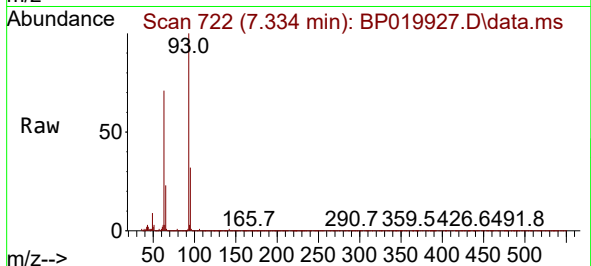




#11
bis(2-Chloroethyl)ether
Concen: 37.320 ng
RT: 7.334 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

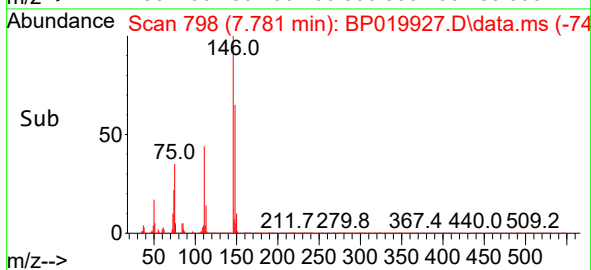
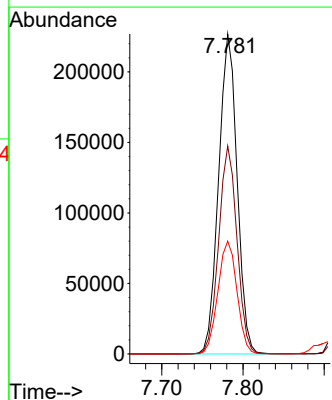
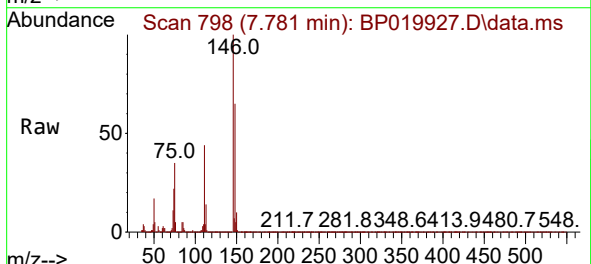
Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD

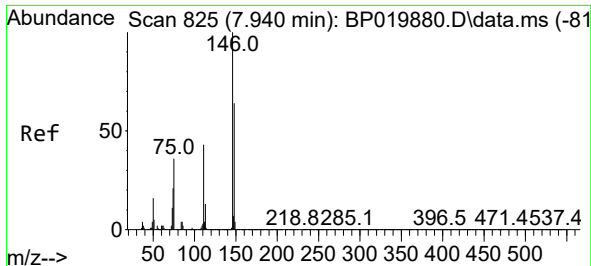
Tgt Ion: 93 Resp: 307955
Ion Ratio Lower Upper
93 100
63 71.3 52.0 92.0
95 32.4 11.6 51.6



#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

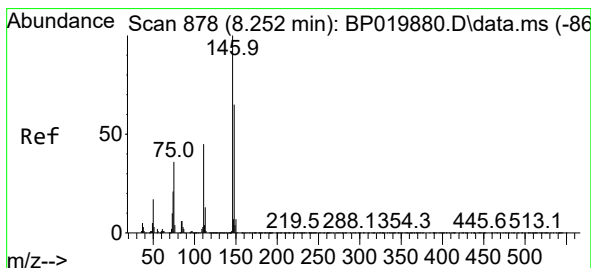
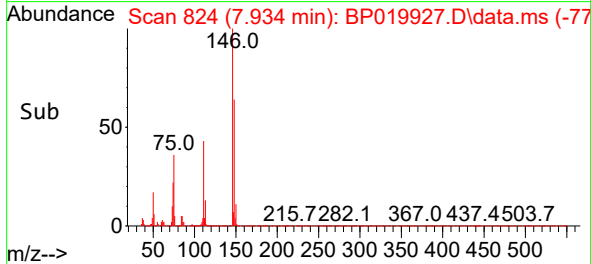
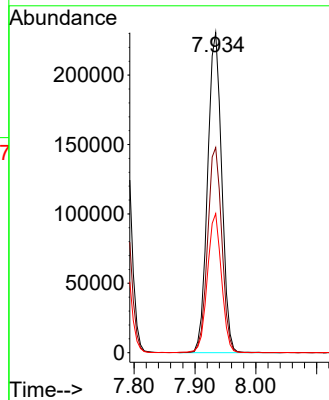
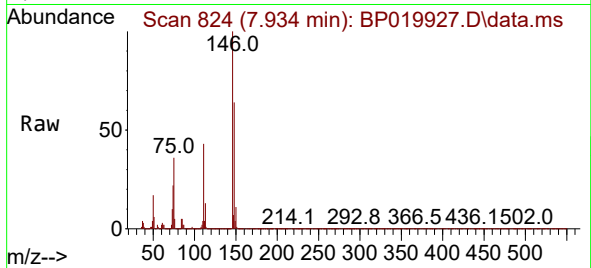
Tgt Ion:146 Resp: 370077

Ion Ratio Lower Upper

146 100

148 64.1 51.0 76.6

111 43.4 34.6 52.0



#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

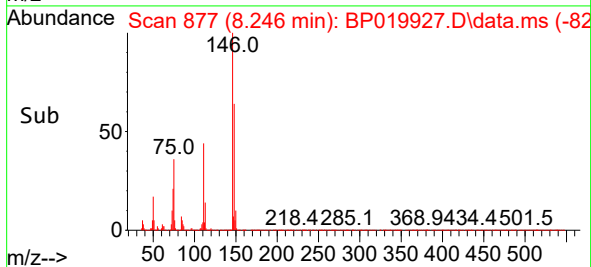
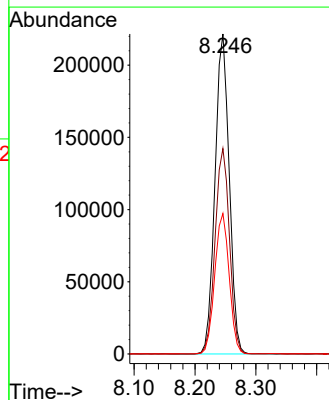
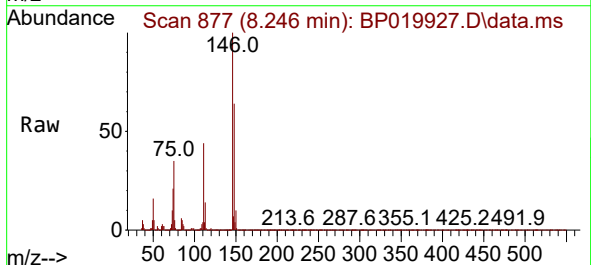
Tgt Ion:146 Resp: 358676

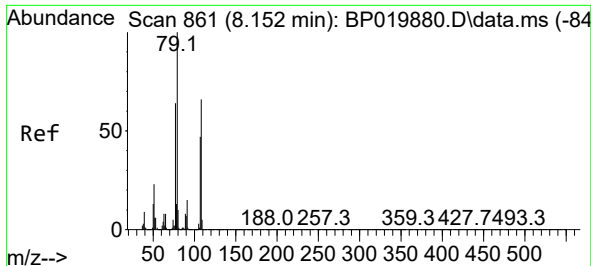
Ion Ratio Lower Upper

146 100

148 64.2 51.7 77.5

111 43.9 35.9 53.9

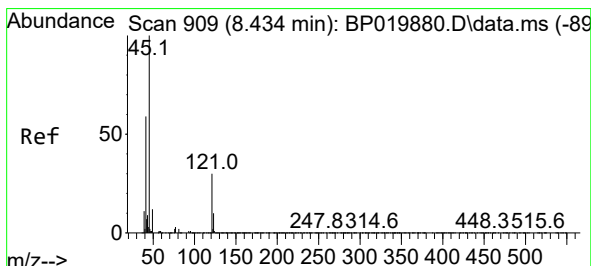
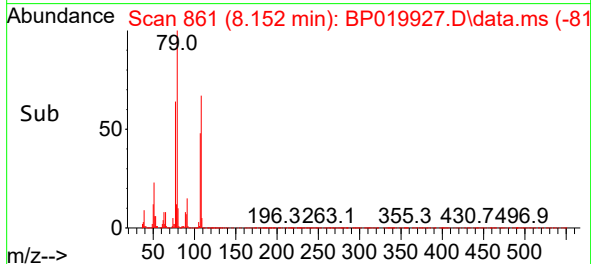
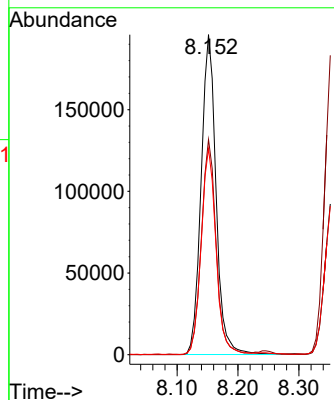
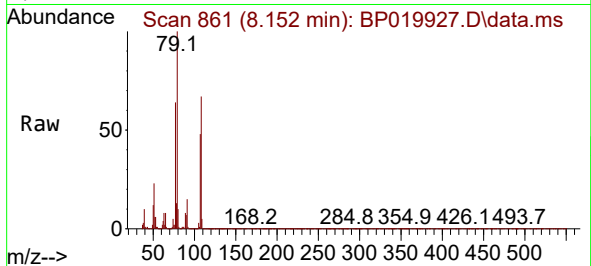




#15
Benzyl Alcohol
Concen: 35.880 ng
RT: 8.152 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

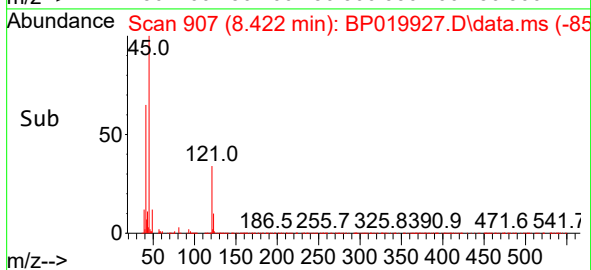
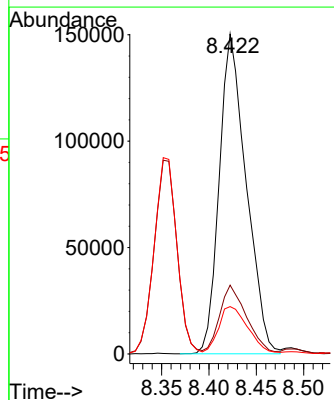
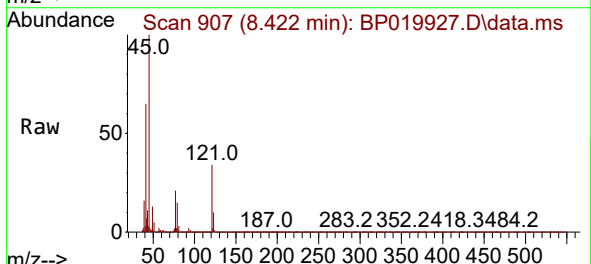
Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD

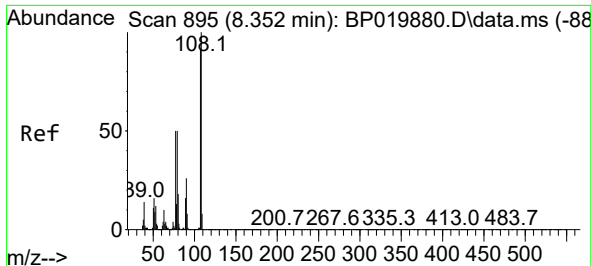
Tgt Ion: 79 Resp: 332586
Ion Ratio Lower Upper
79 100
108 67.3 52.5 78.7
77 64.4 51.0 76.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.760 ng
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: 297433
Ion Ratio Lower Upper
45 100
77 21.5 0.8 40.8
79 14.8 0.0 34.7

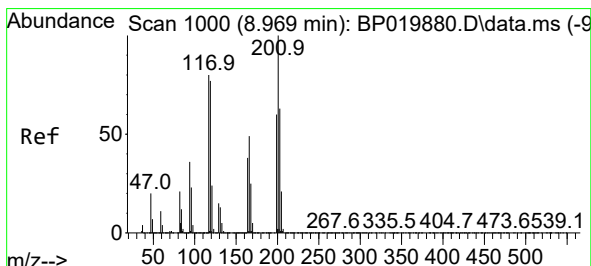
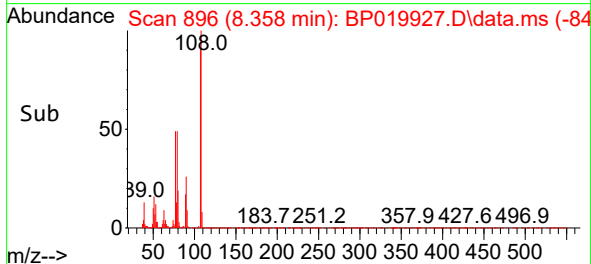
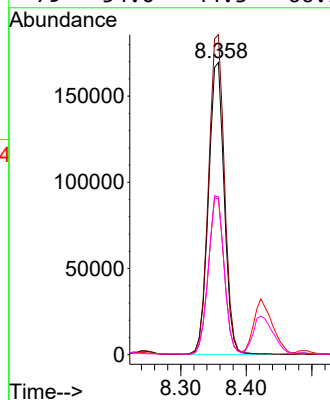
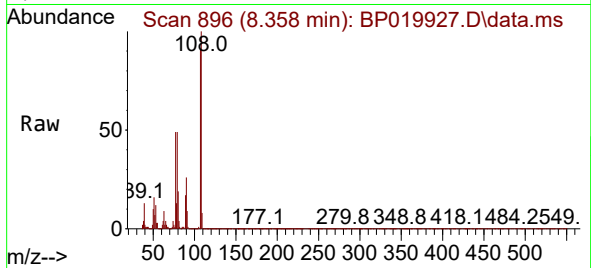




#17
2-Methylphenol
Concen: 36.093 ng
RT: 8.358 min Scan# 895
Delta R.T. 0.006 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

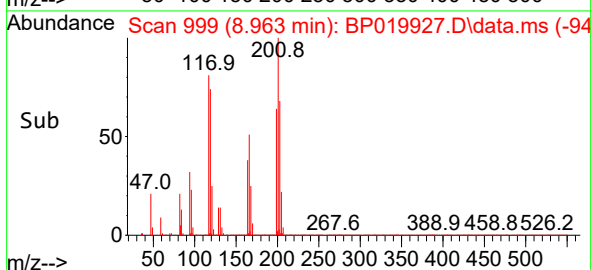
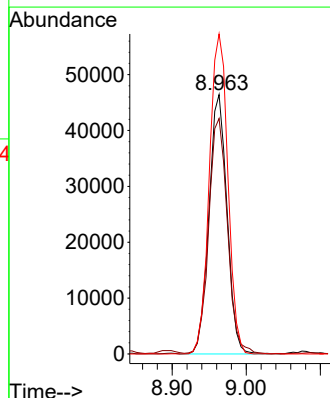
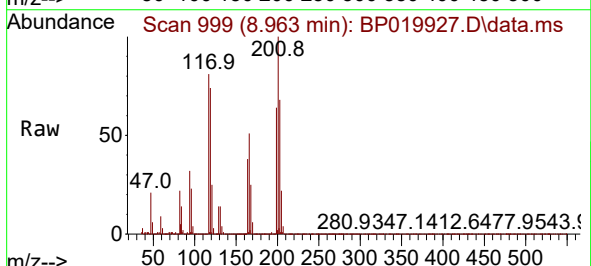
Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD

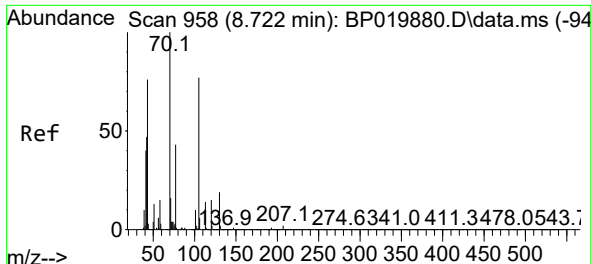
Tgt Ion:	107	Resp:	282814
Ion	Ratio	Lower	Upper
107	100		
108	109.5	88.4	132.6
77	53.4	43.8	65.8
79	54.0	44.3	66.5



#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



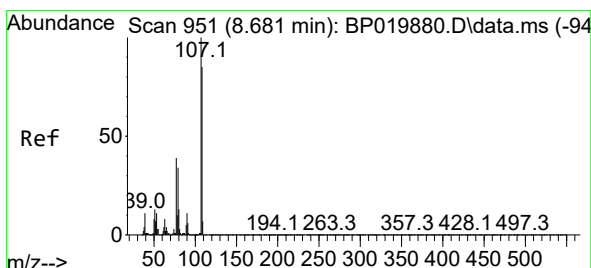
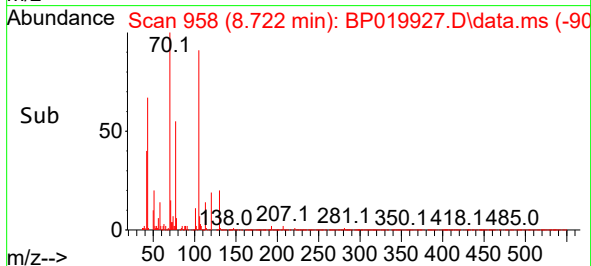
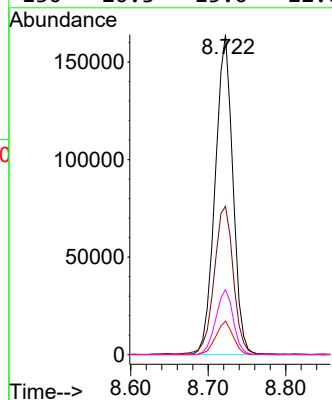
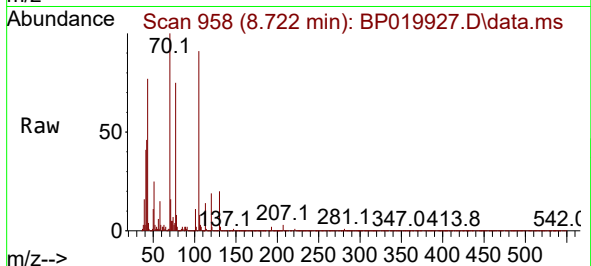


#19
n-Nitroso-di-n-propylamine
Concen: 32.695 ng
RT: 8.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD

Tgt Ion: 70 Resp: 259513

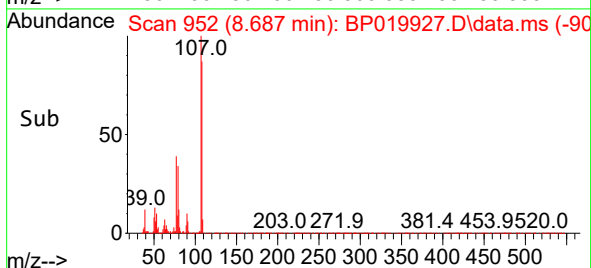
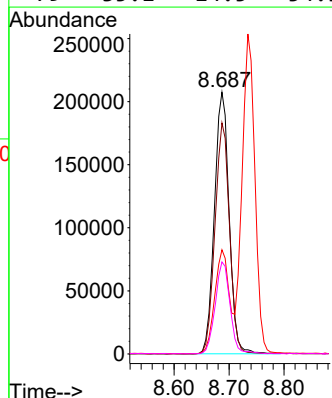
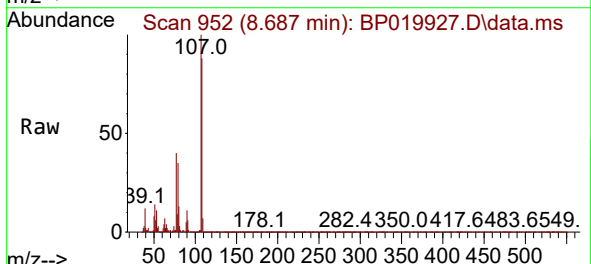
Ion	Ratio	Lower	Upper
70	100		
42	46.4	38.2	57.2
101	10.5	8.0	12.0
130	20.3	15.0	22.6

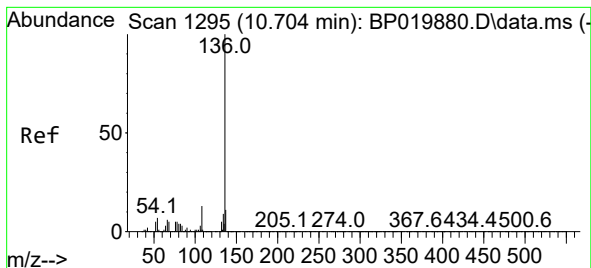


#20
3+4-Methylphenols
Concen: 34.248 ng
RT: 8.687 min Scan# 952
Delta R.T. 0.006 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

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

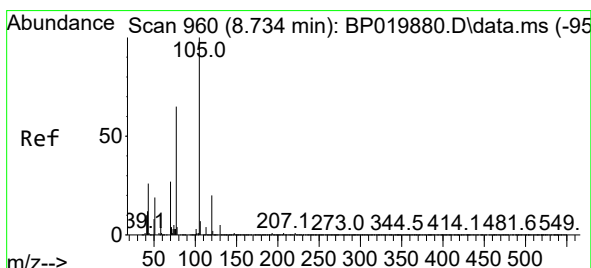
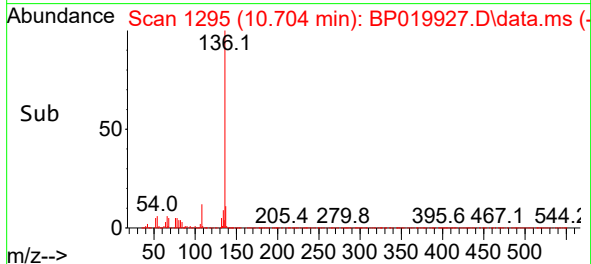
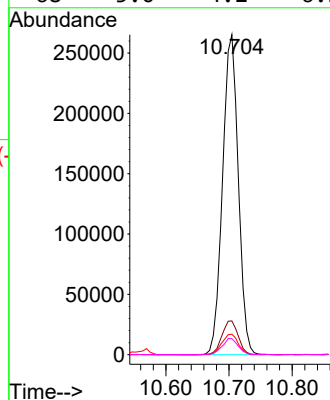
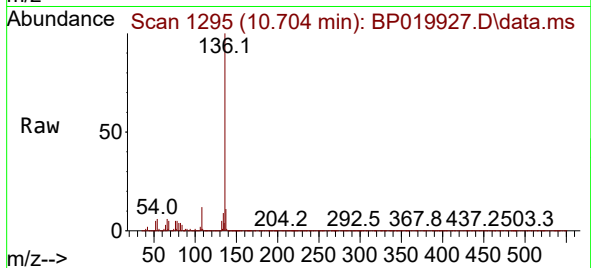




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

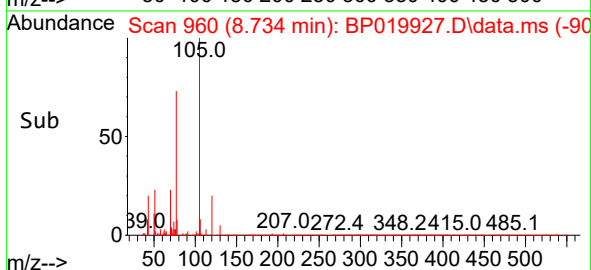
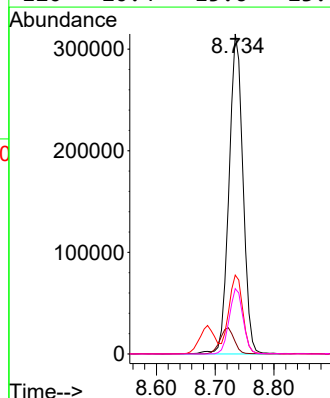
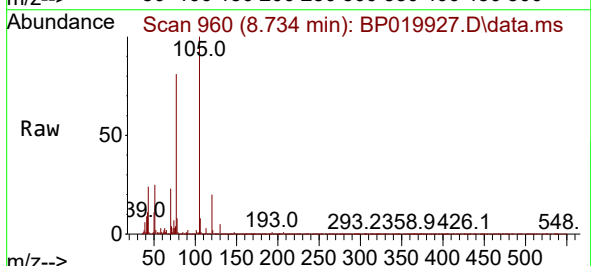
Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD

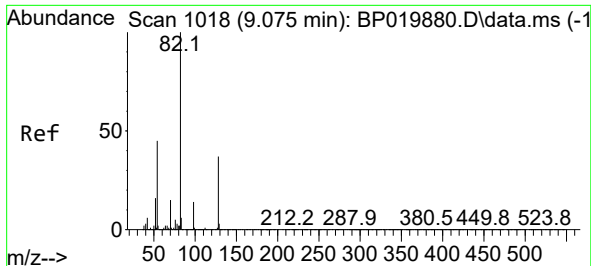
Tgt Ion:	136	Resp:	459031
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.7	13.1
54	6.4	6.0	9.0
68	5.0	4.2	6.2



#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

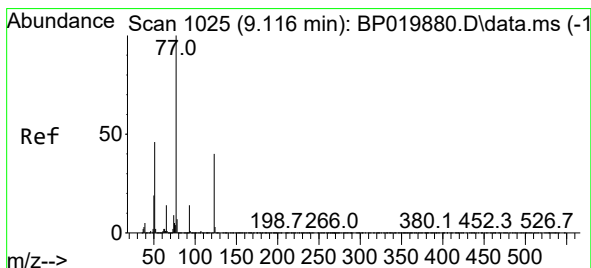
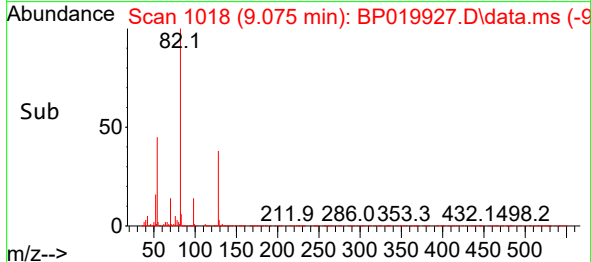
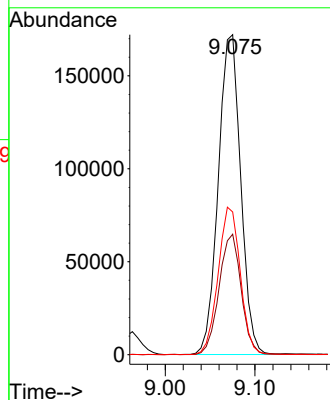
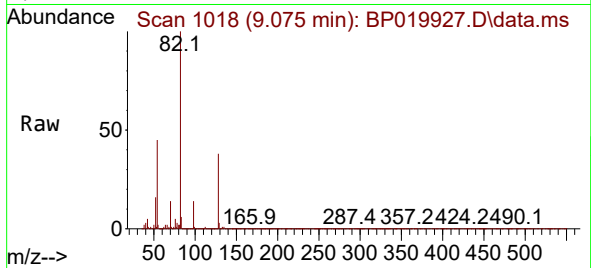




#23
Nitrobenzene-d5
Concen: 26.268 ng
RT: 9.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

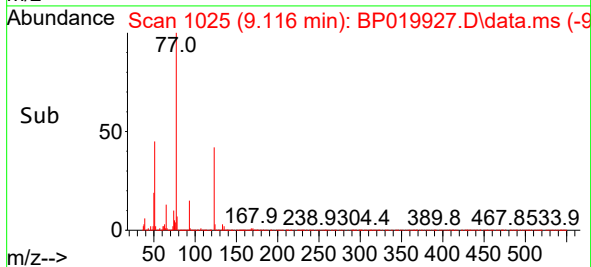
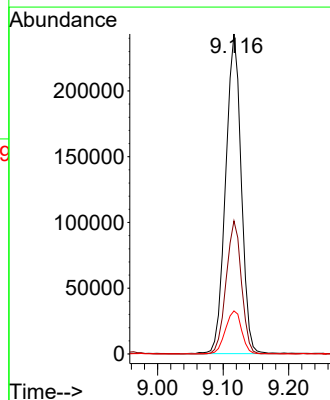
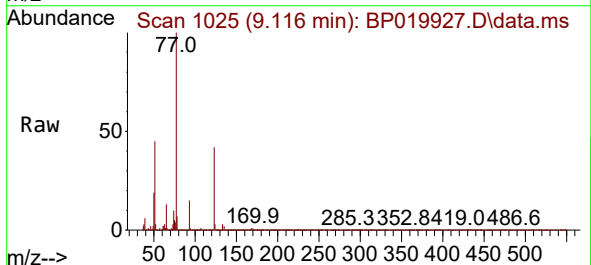
Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD

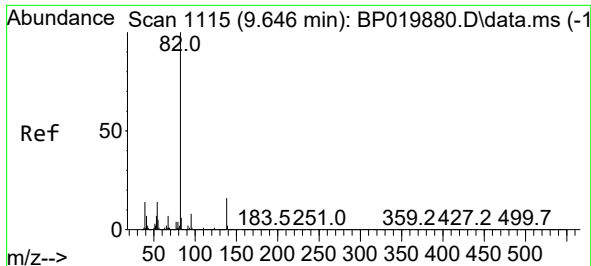
Tgt Ion: 82 Resp: 298676
Ion Ratio Lower Upper
82 100
128 37.6 29.6 44.4
54 44.6 36.3 54.5



#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

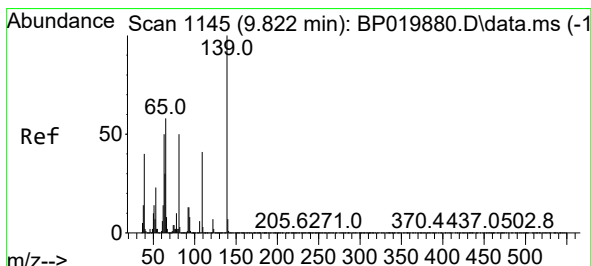
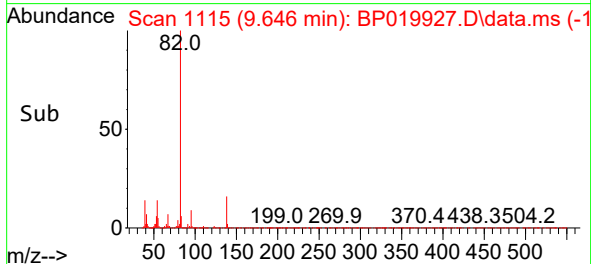
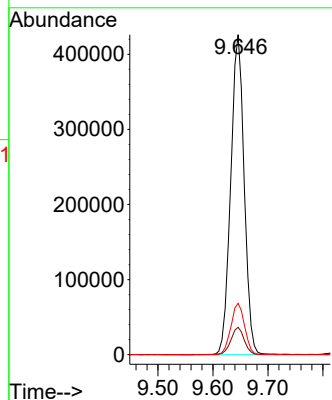
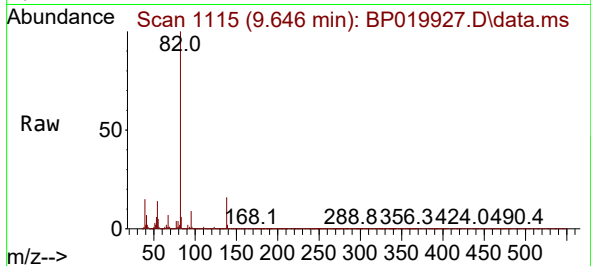




#25
Isophorone
Concen: 36.573 ng
RT: 9.646 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

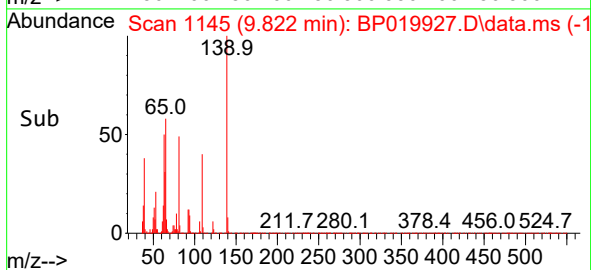
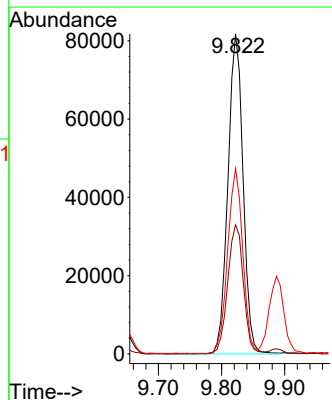
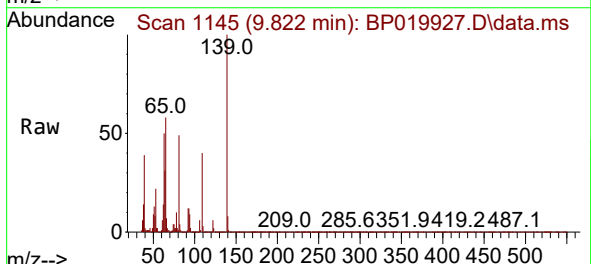
Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD

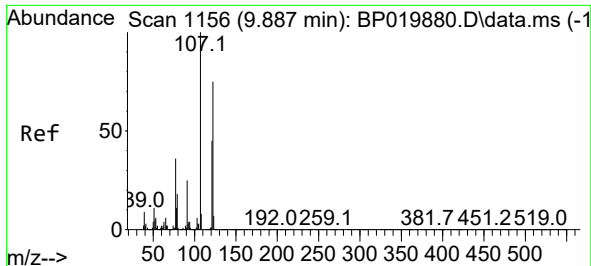
Tgt Ion: 82 Resp: 723792
Ion Ratio Lower Upper
82 100
95 8.5 6.6 10.0
138 16.0 12.8 19.2



#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

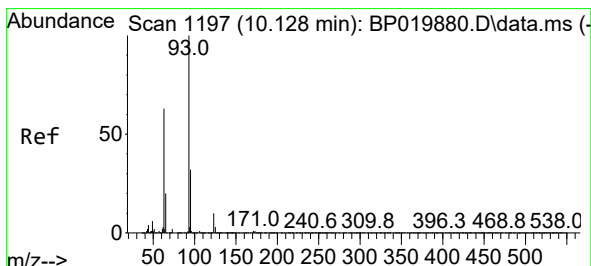
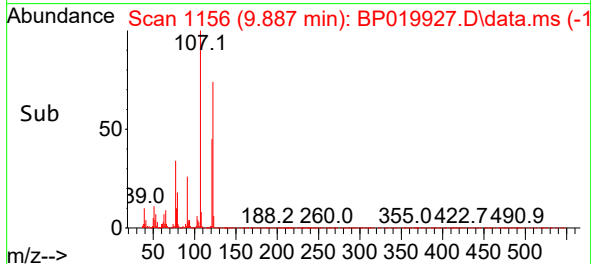
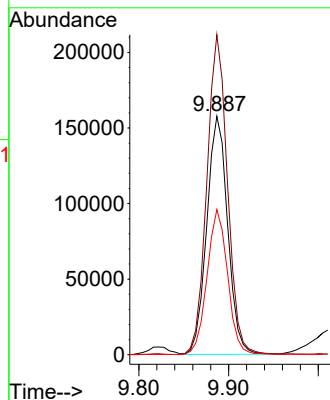
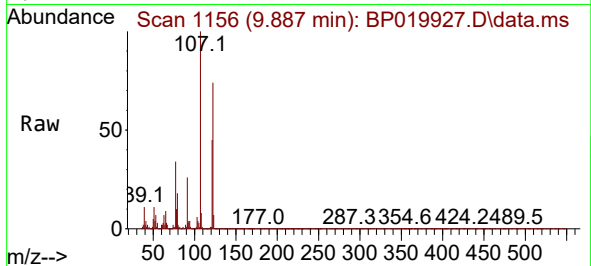




#27
2,4-Dimethylphenol
Concen: 35.122 ng
RT: 9.887 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

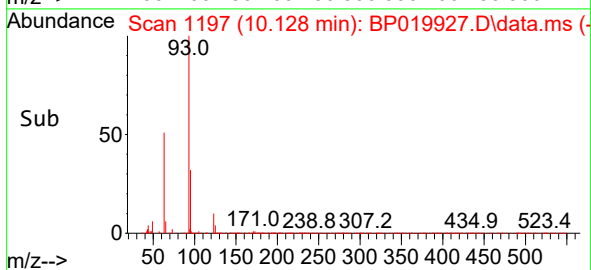
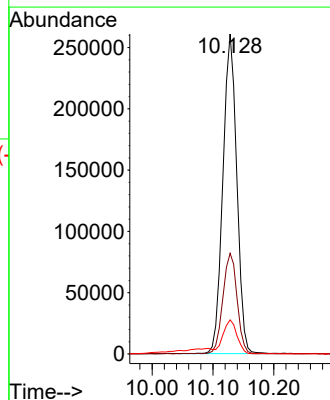
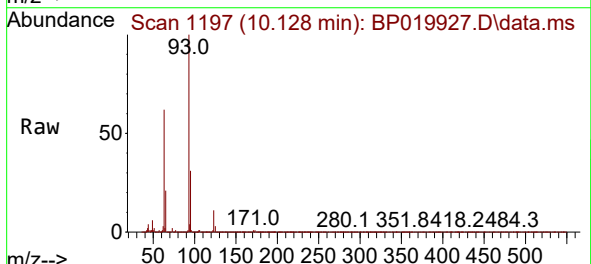
Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD

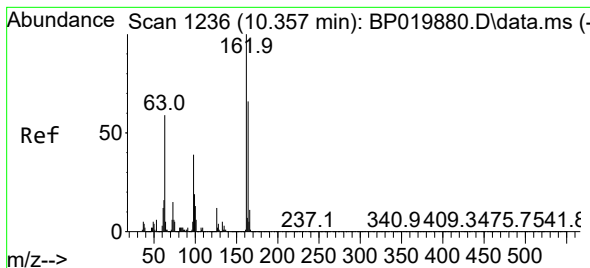
Tgt Ion:122 Resp: 255381
Ion Ratio Lower Upper
122 100
107 134.3 105.7 158.5
121 60.9 47.5 71.3



#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

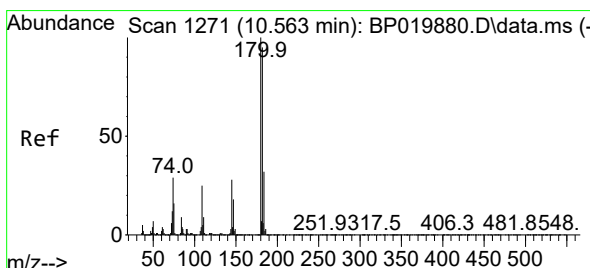
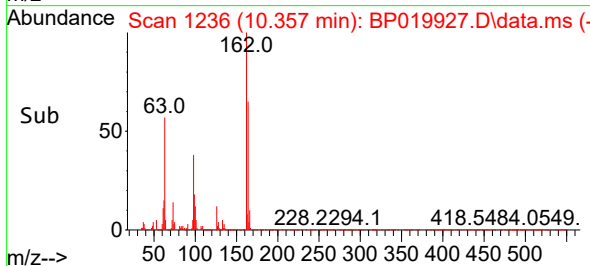
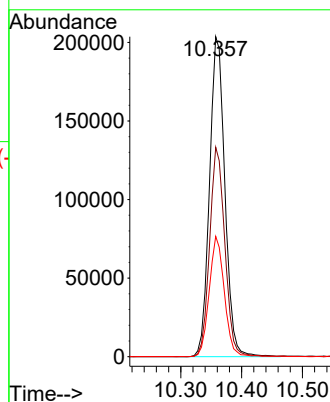
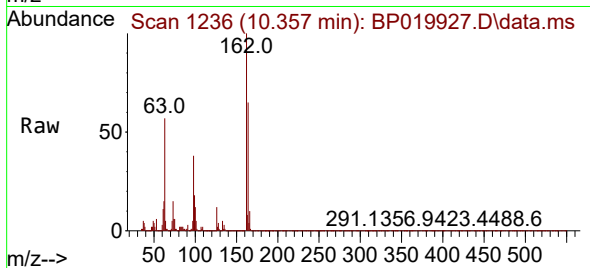




#29
2,4-Dichlorophenol
Concen: 44.073 ng
RT: 10.357 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

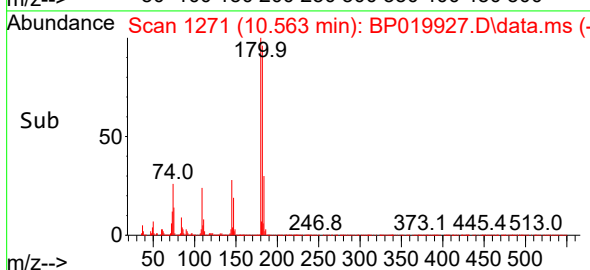
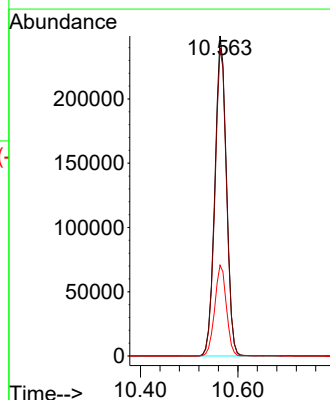
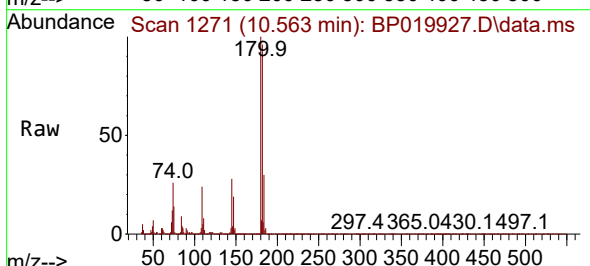
Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD

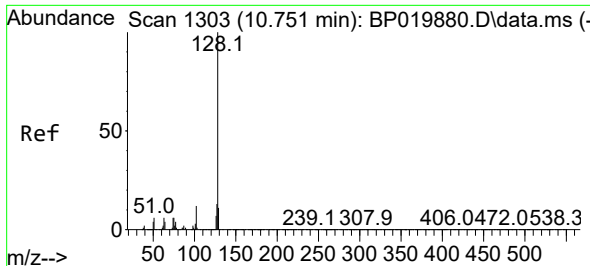
Tgt Ion:162 Resp: 357451
Ion Ratio Lower Upper
162 100
164 65.4 45.8 85.8
98 37.6 18.6 58.6



#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

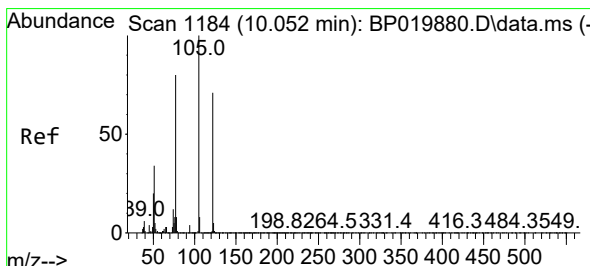
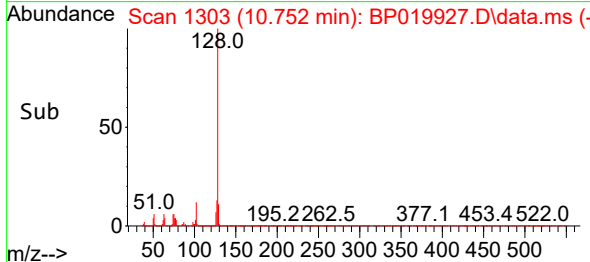
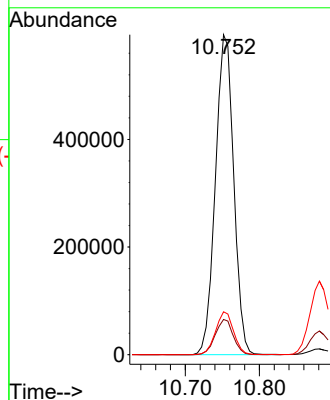
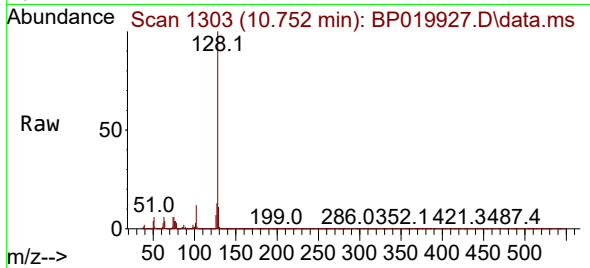




#31
Naphthalene
Concen: 41.447 ng
RT: 10.752 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

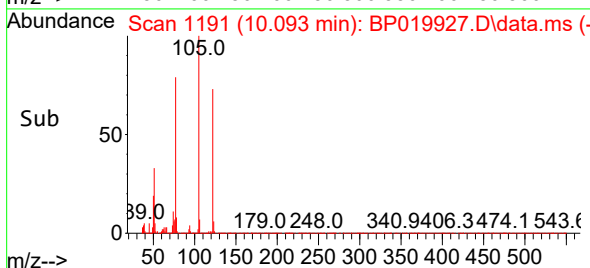
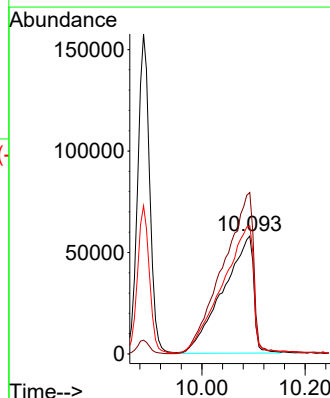
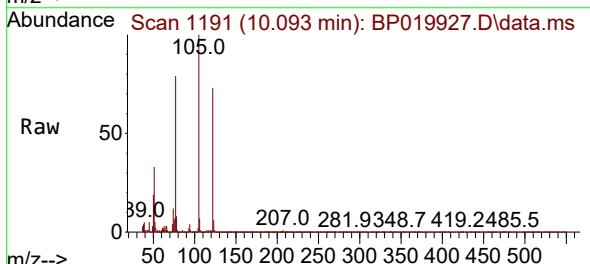
Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD

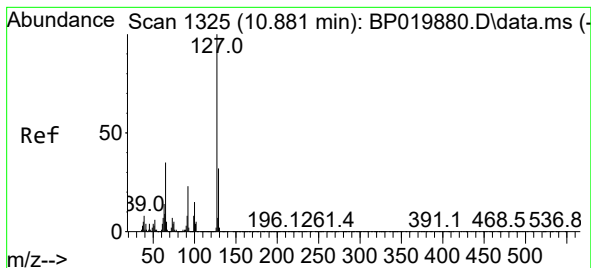
Tgt Ion:128 Resp: 1018654
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.4 10.2 15.2



#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

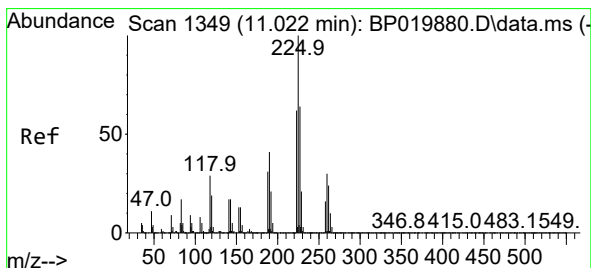
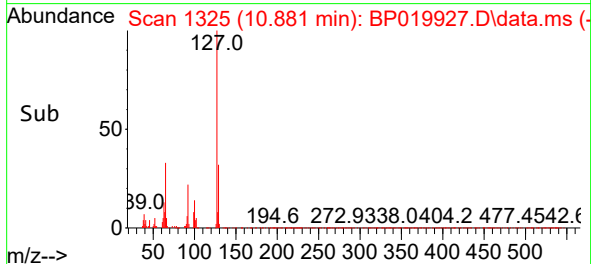
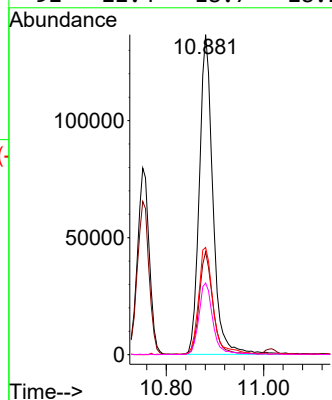
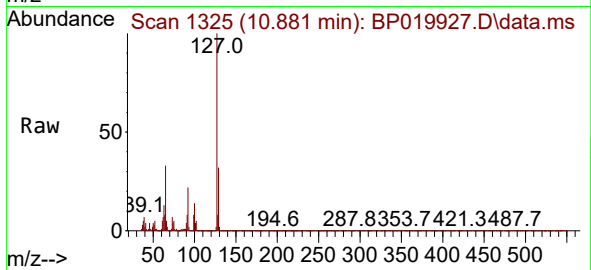




#33
4-Chloroaniline
Concen: 23.704 ng
RT: 10.881 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

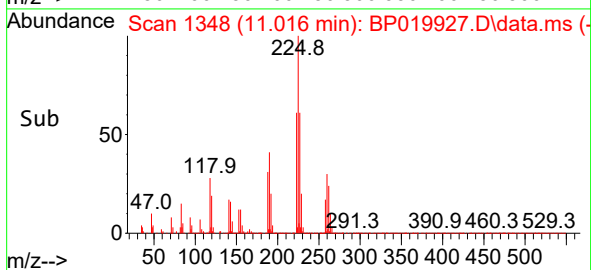
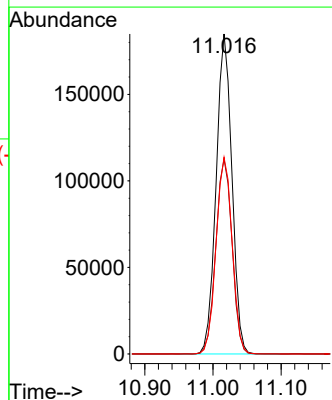
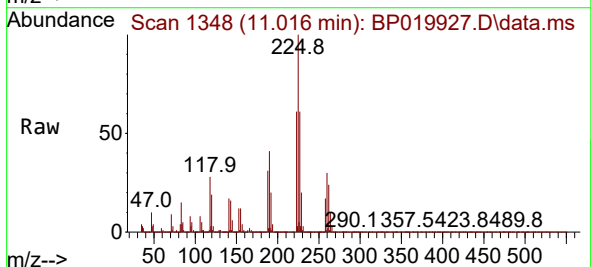
Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD

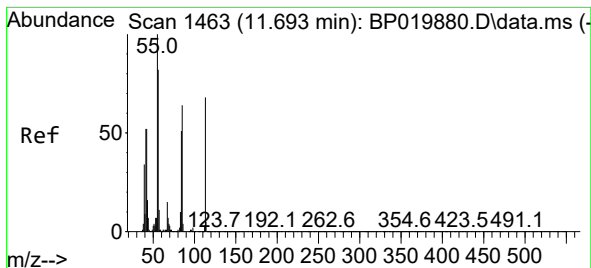
Tgt Ion:	127	Resp:	264688
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.7	38.5
65	33.5	28.2	42.4
92	22.4	18.7	28.1



#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

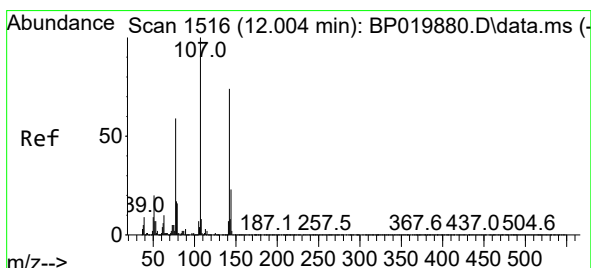
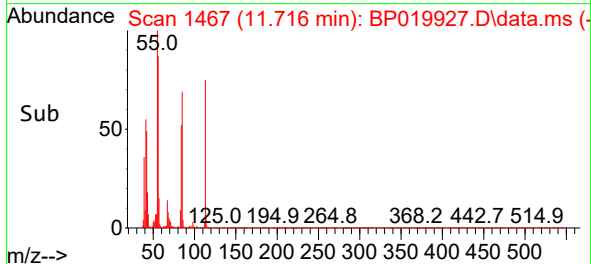
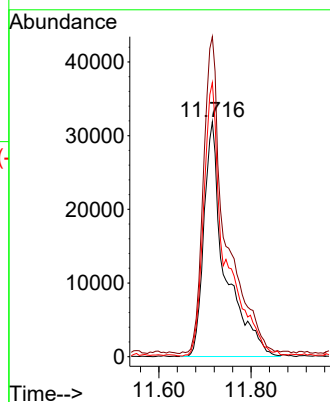
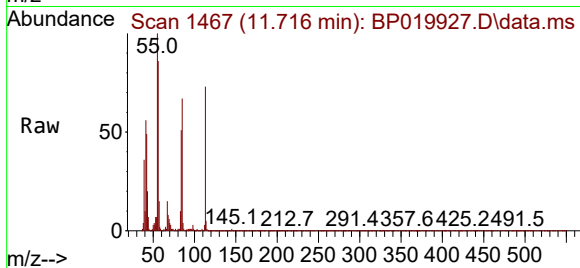




#35
Caprolactam
Concen: 33.903 ng
RT: 11.716 min Scan# 1467
Delta R.T. 0.024 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

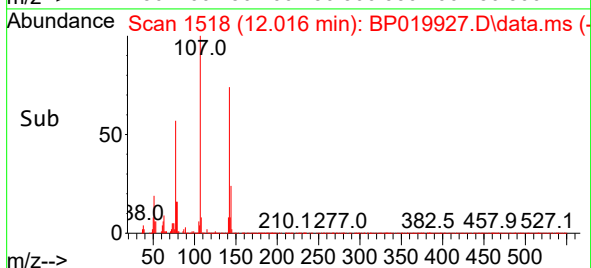
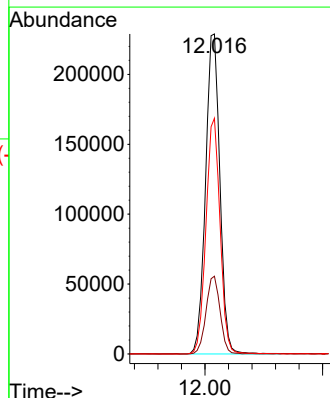
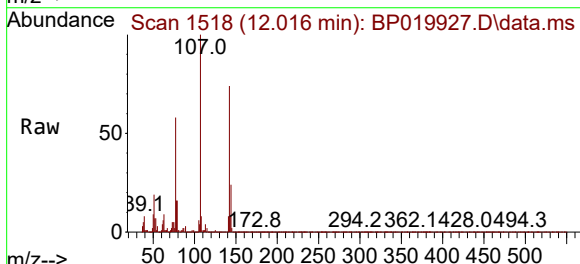
Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD

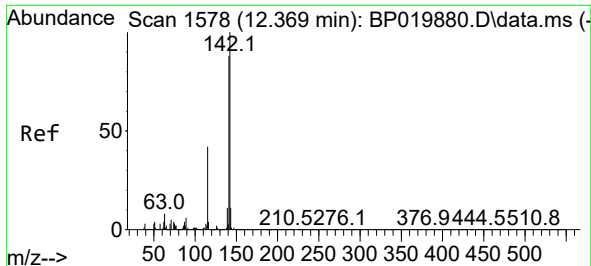
Tgt Ion:113 Resp: 101401
Ion Ratio Lower Upper
113 100
55 136.3 127.6 167.6
56 116.7 100.9 140.9



#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

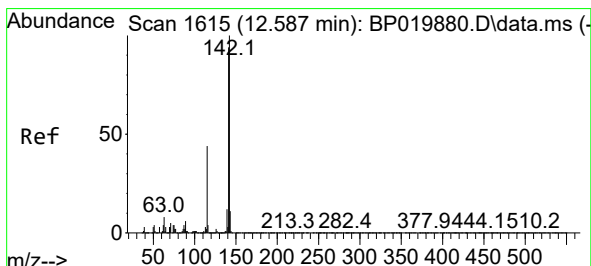
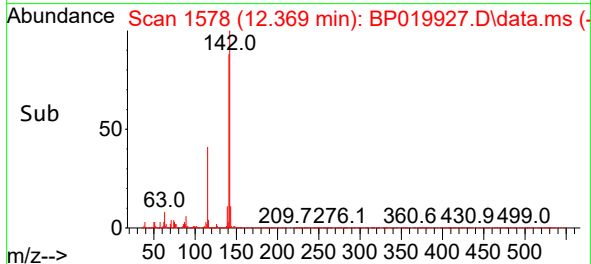
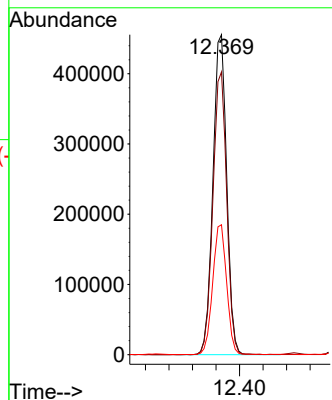
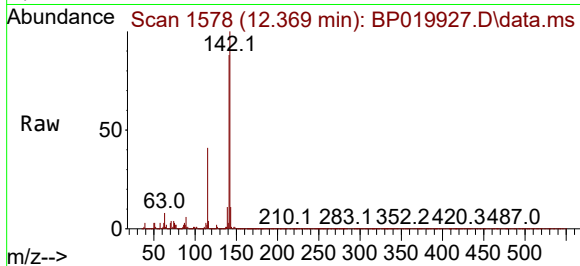




#37
2-Methylnaphthalene
Concen: 38.705 ng
RT: 12.369 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

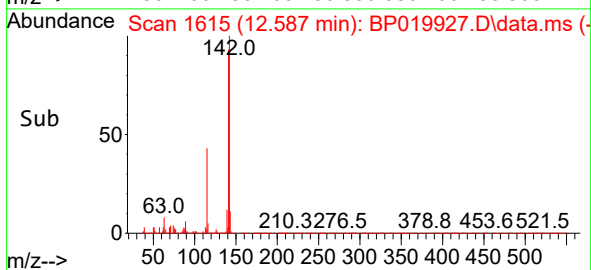
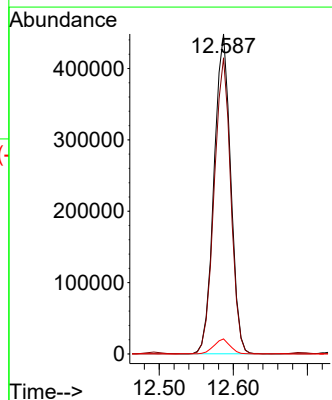
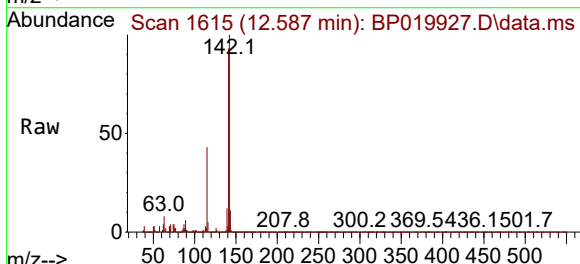
Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD

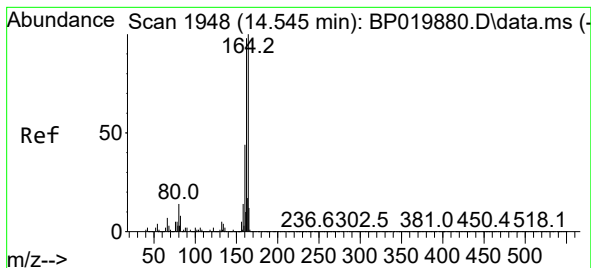
Tgt Ion:142 Resp: 738440
Ion Ratio Lower Upper
142 100
141 88.3 70.0 105.0
115 40.6 33.7 50.5



#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

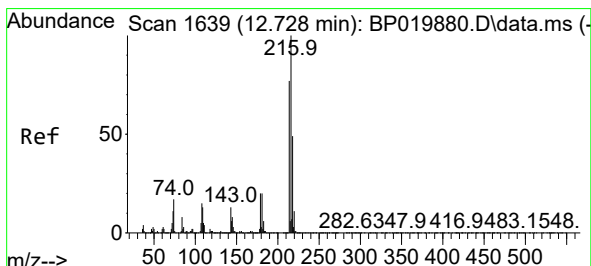
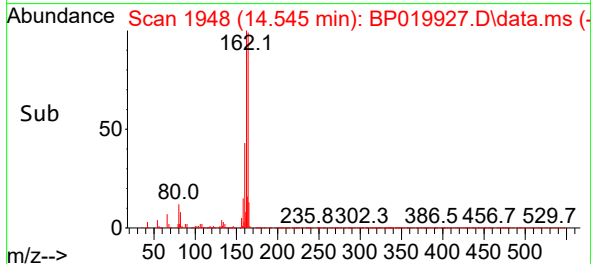
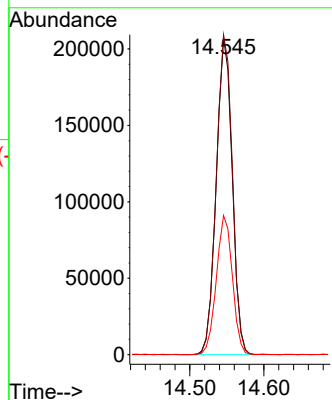
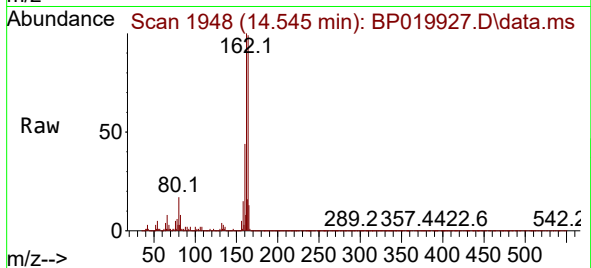
Tgt Ion:164 Resp: 310646

Ion Ratio Lower Upper

164 100

162 101.0 78.1 117.1

160 43.9 35.3 52.9



#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

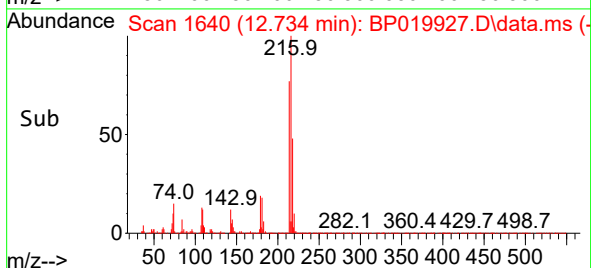
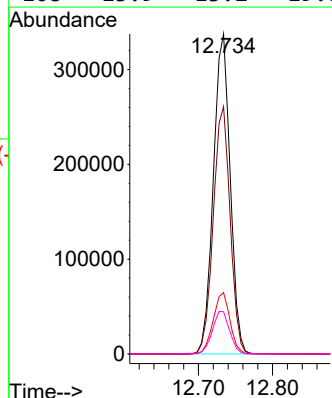
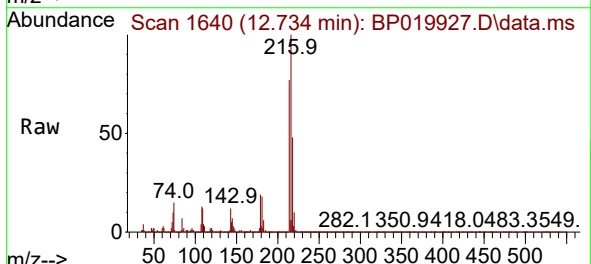
Ion Ratio Lower Upper

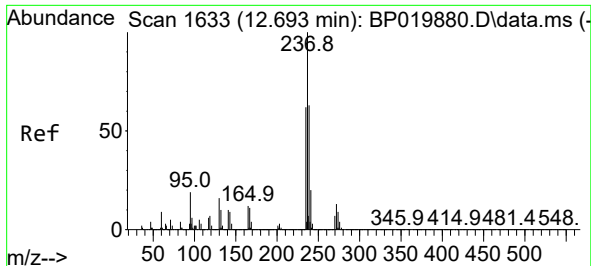
216 100

214 77.6 62.5 93.7

179 19.2 15.8 23.6

108 13.9 13.2 19.8

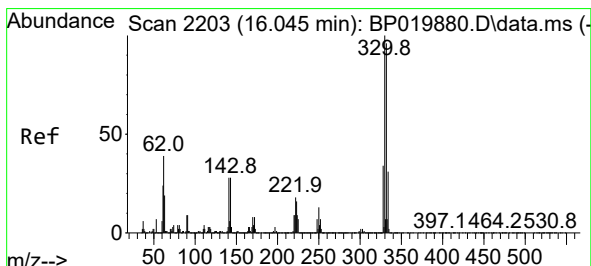
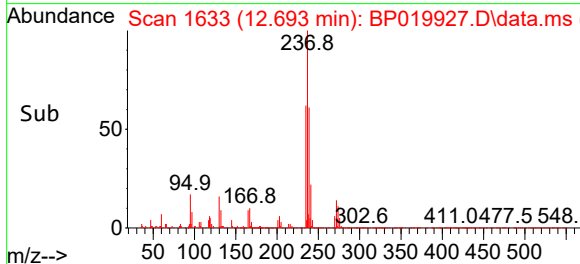
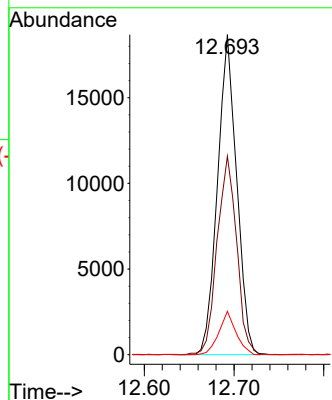
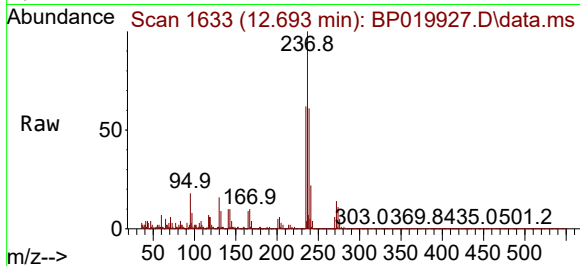




#41
Hexachlorocyclopentadiene
Concen: 5.041 ng
RT: 12.693 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

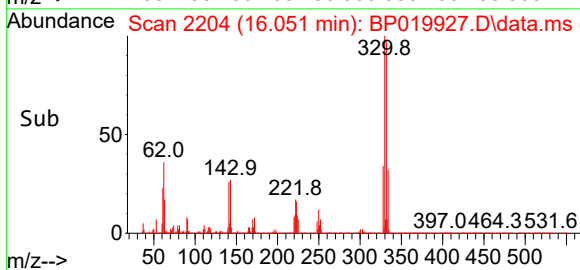
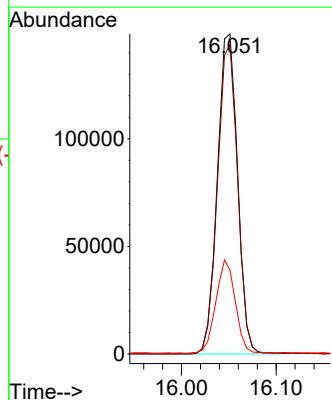
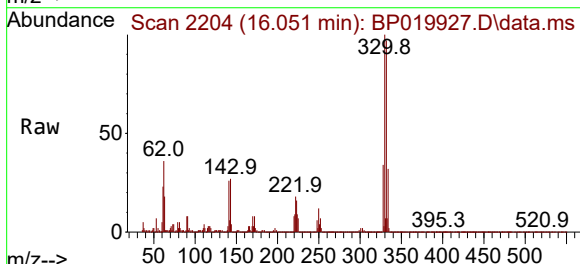
Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD

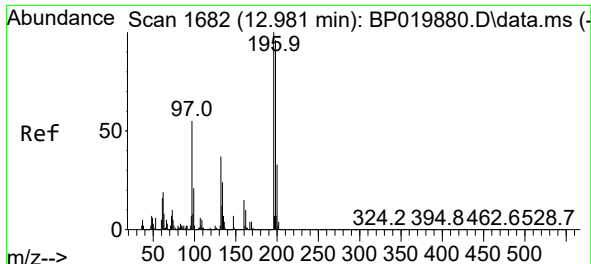
Tgt Ion:	237	Resp:	27698
Ion Ratio	Lower	Upper	
237	100		
235	62.1	41.5	81.5
272	13.6	0.0	32.5



#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

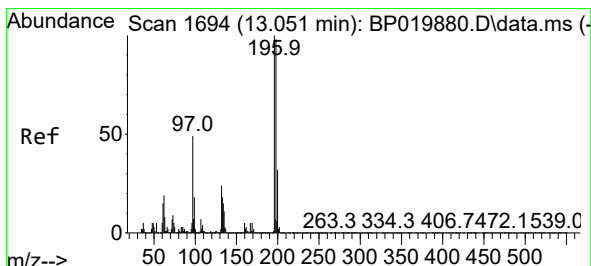
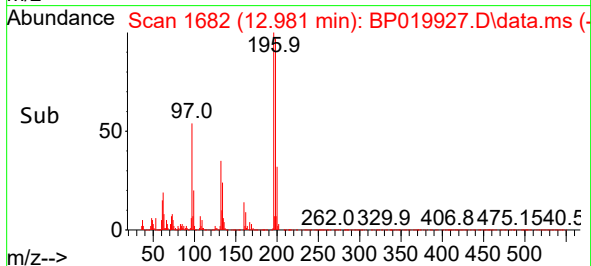
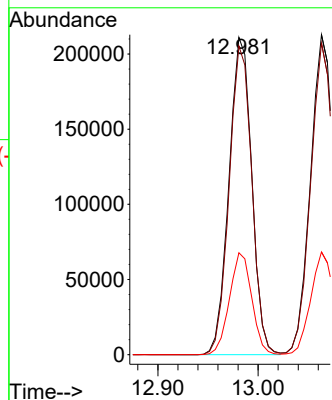
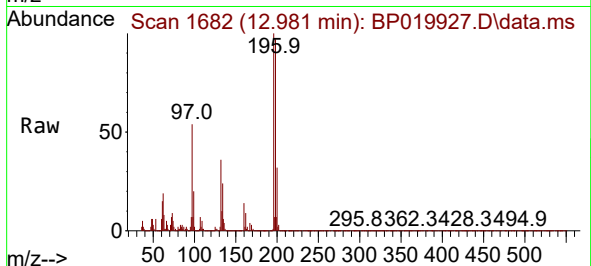




#43
2,4,6-Trichlorophenol
Concen: 47.499 ng
RT: 12.981 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

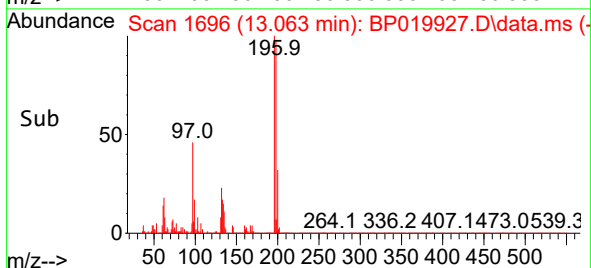
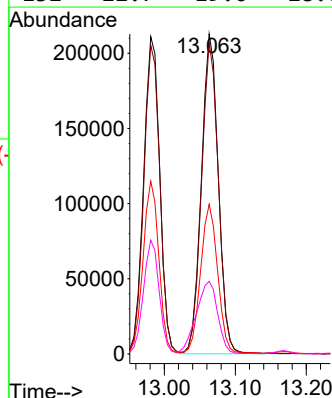
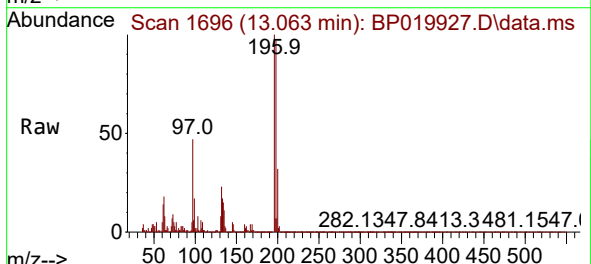
Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD

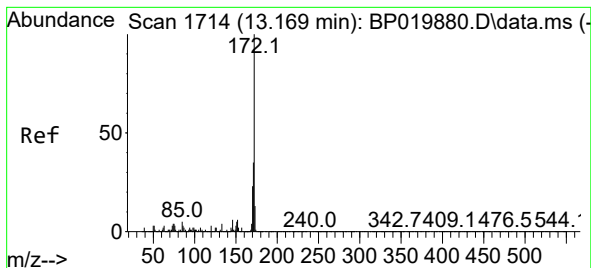
Tgt Ion:196 Resp: 332796
Ion Ratio Lower Upper
196 100
198 97.3 76.5 114.7
200 32.1 26.2 39.4



#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

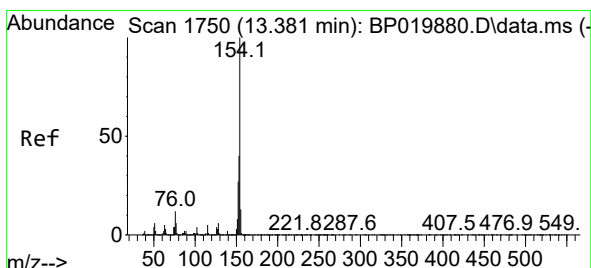
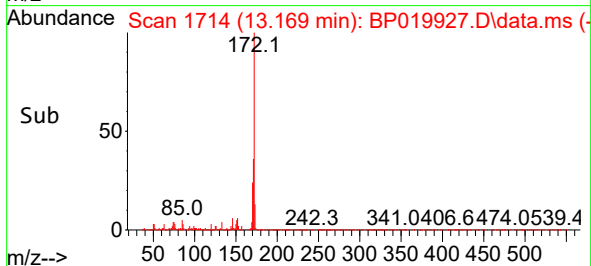
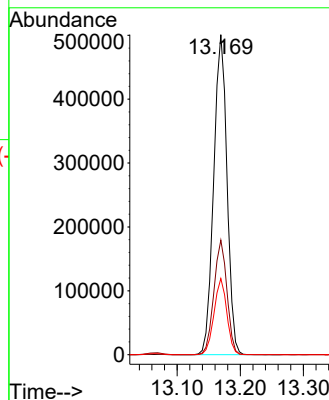
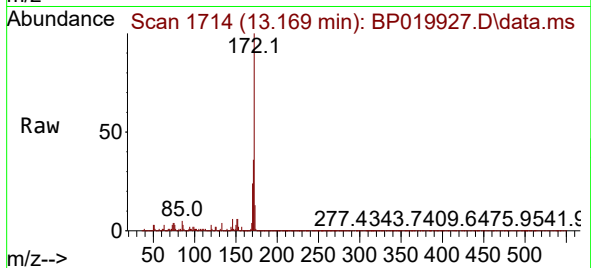
Tgt Ion:172 Resp: 731838

Ion Ratio Lower Upper

172 100

171 35.8 27.8 41.6

170 23.8 18.4 27.6



#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

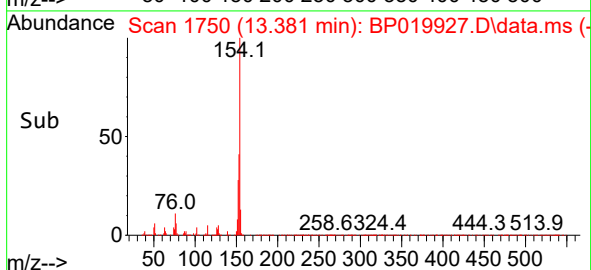
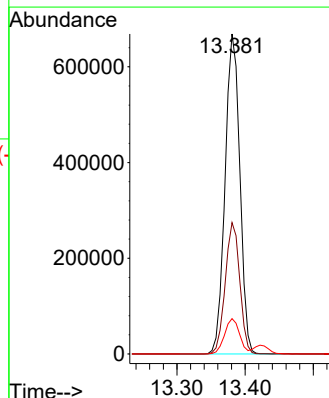
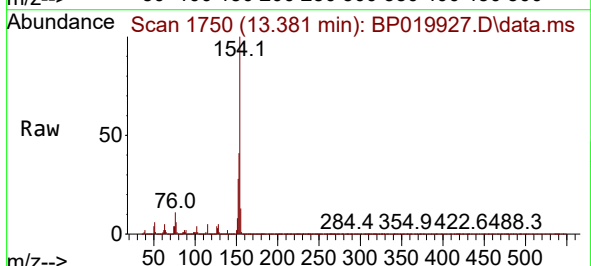
Tgt Ion:154 Resp: 1007280

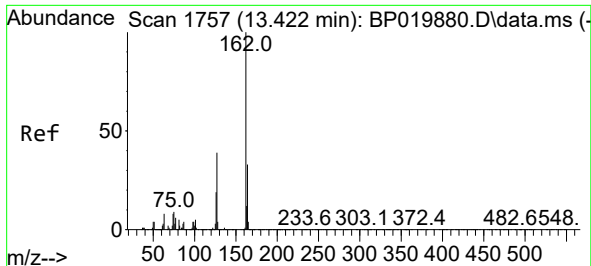
Ion Ratio Lower Upper

154 100

153 41.1 19.8 59.8

76 11.0 0.0 31.8

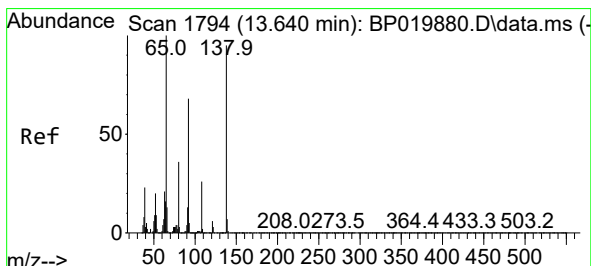
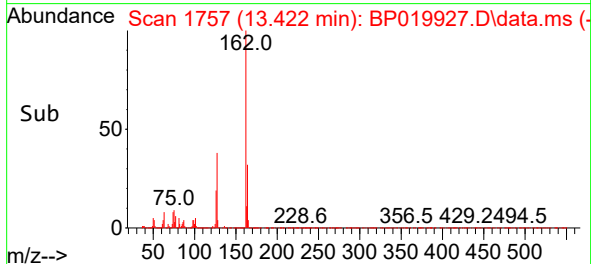
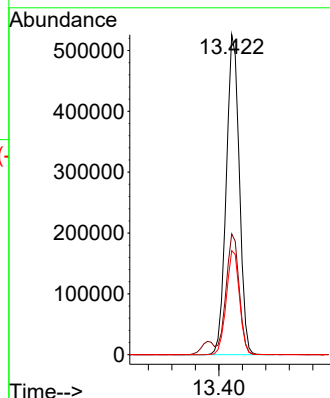
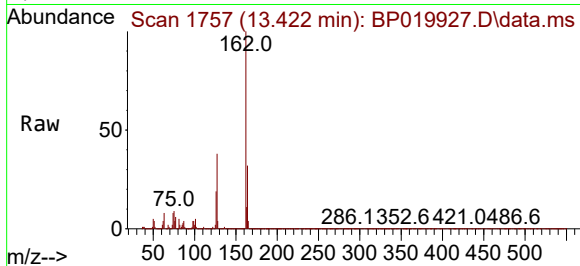




#47
2-Chloronaphthalene
Concen: 46.956 ng
RT: 13.422 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

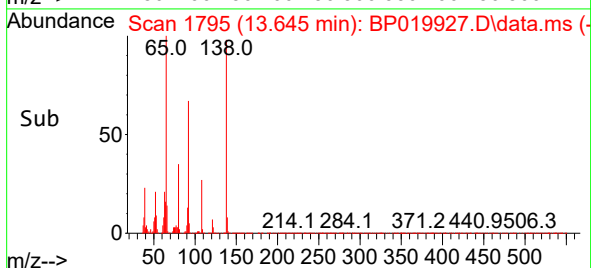
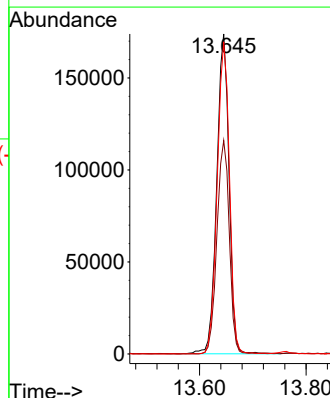
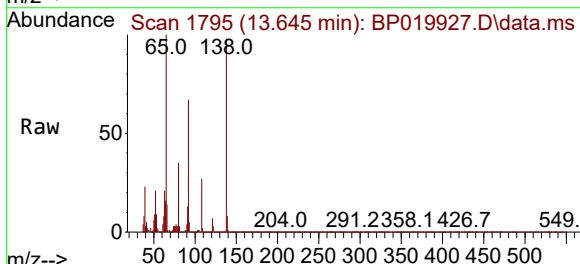
Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD

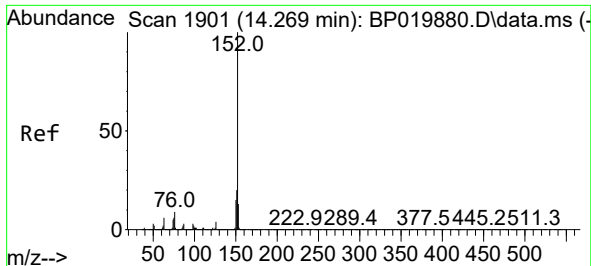
Tgt Ion:162 Resp: 810660
Ion Ratio Lower Upper
162 100
127 37.8 31.4 47.2
164 32.5 26.2 39.4



#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

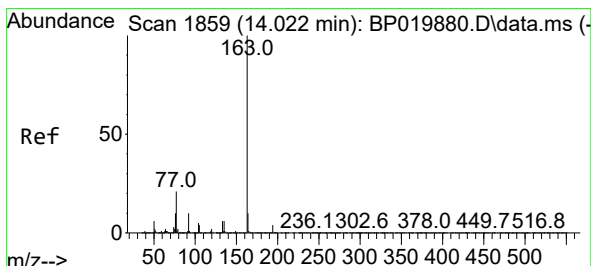
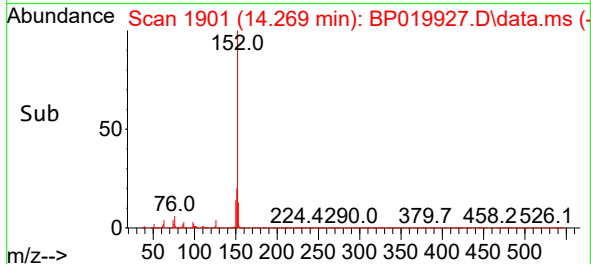
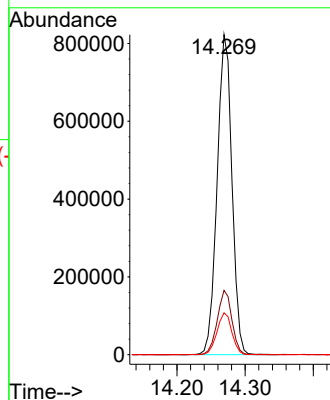
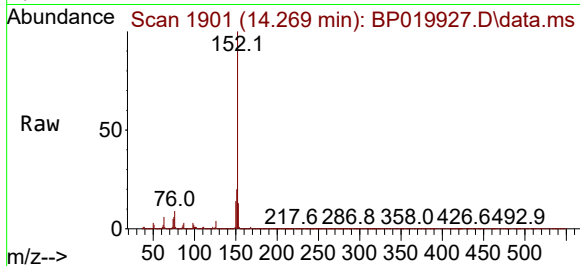




#49
Acenaphthylene
Concen: 44.371 ng
RT: 14.269 min Scan# 1901
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

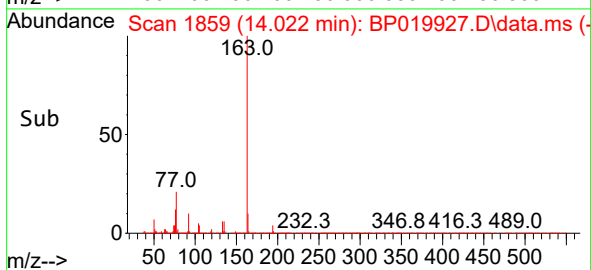
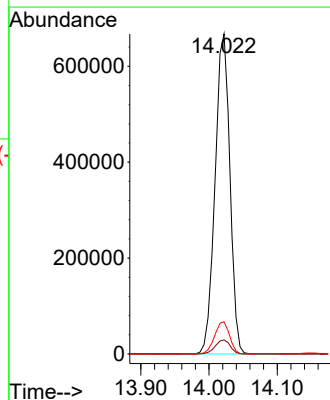
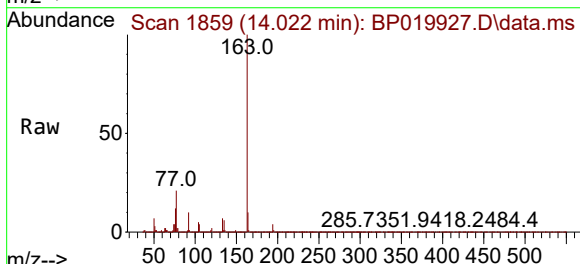
Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD

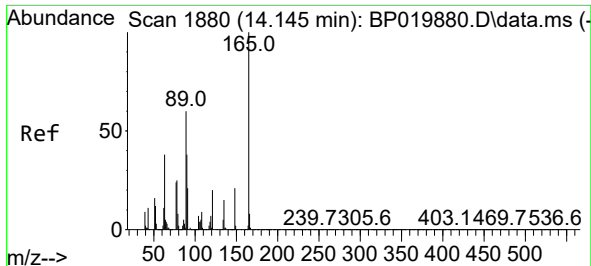
Tgt Ion:152 Resp: 1241052
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.1 10.4 15.6



#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

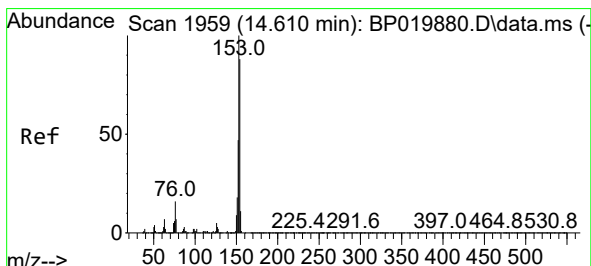
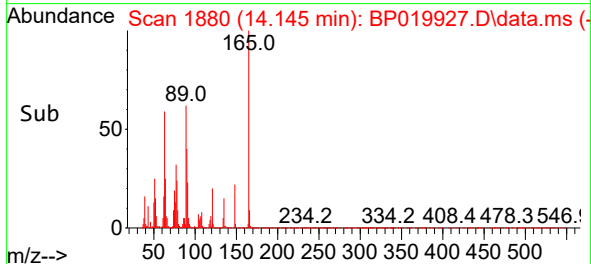
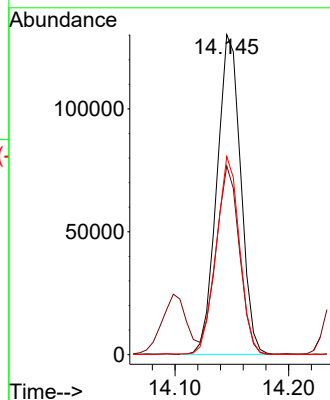
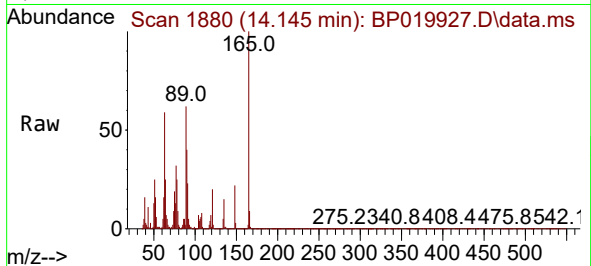




#51
2,6-Dinitrotoluene
Concen: 34.744 ng
RT: 14.145 min Scan# 1880
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

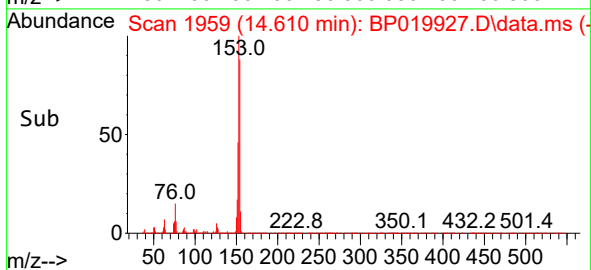
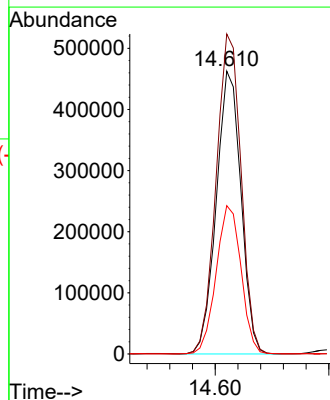
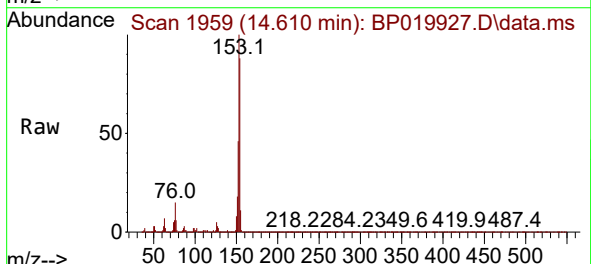
Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD

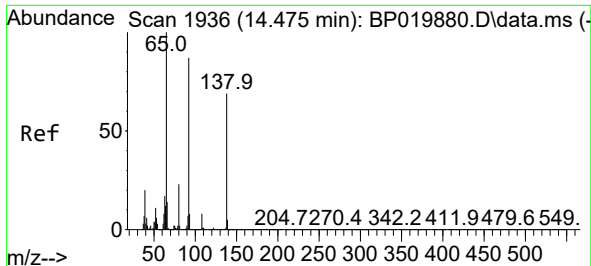
Tgt Ion:165 Resp: 189626
Ion Ratio Lower Upper
165 100
63 59.0 46.9 70.3
89 61.9 48.3 72.5



#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

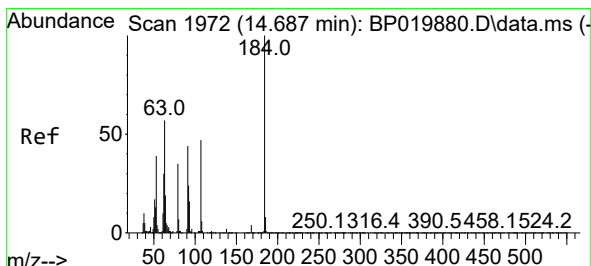
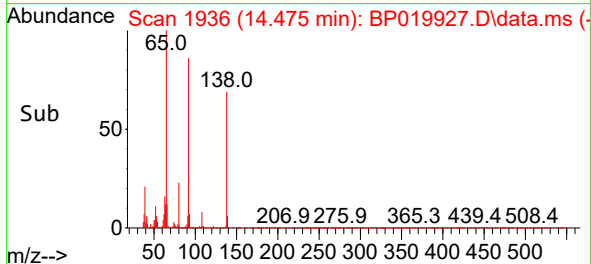
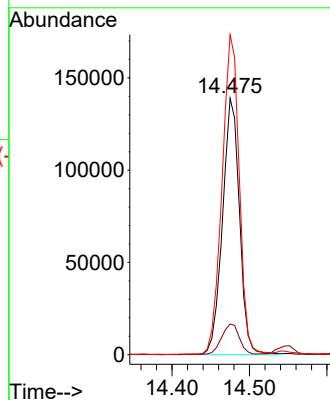
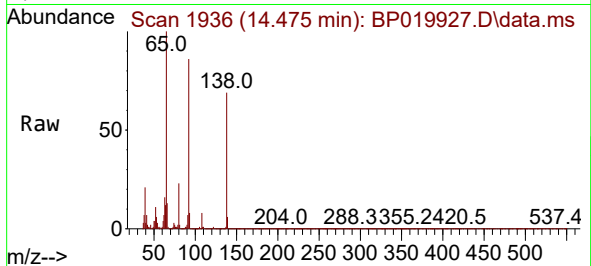




#53
3-Nitroaniline
Concen: 39.122 ng
RT: 14.475 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

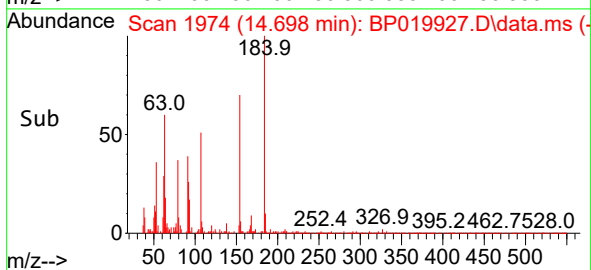
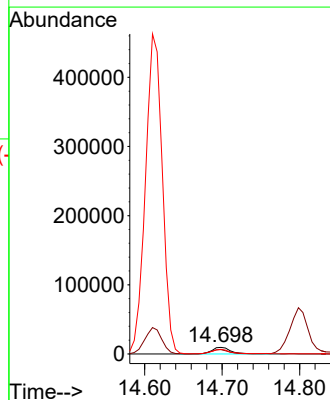
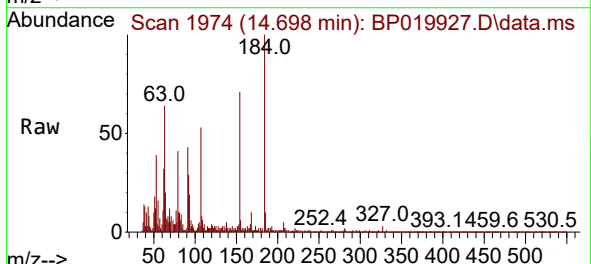
Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD

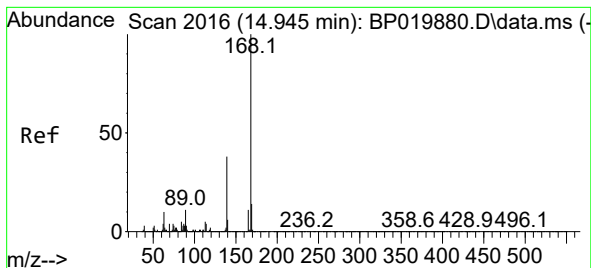
Tgt Ion:138 Resp: 211356
Ion Ratio Lower Upper
138 100
108 12.0 9.2 13.8
92 124.8 100.3 150.5



#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# 20

Delta R.T. 0.006 min

Lab File: BP019927.D

Acq: 28 Feb 2024 21:09

Instrument :

BNA_P

ClientSampleId :

SU-02-02272024MSD

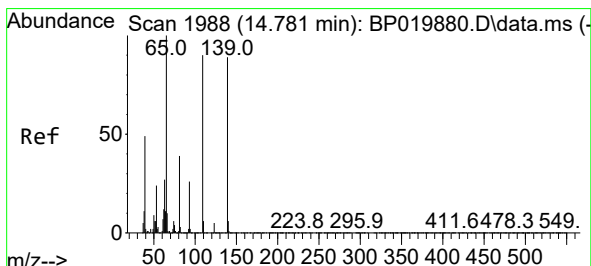
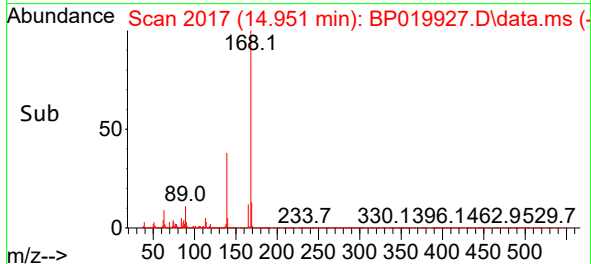
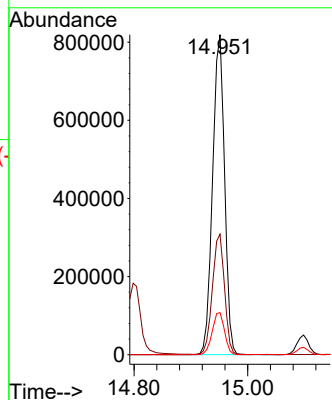
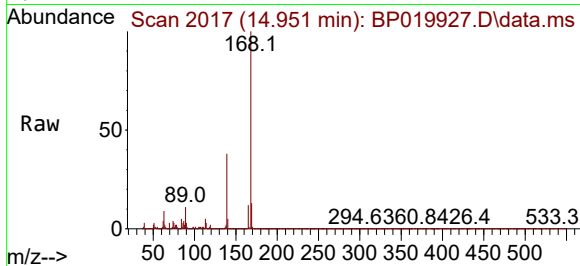
Tgt Ion:168 Resp: 1193942

Ion Ratio Lower Upper

168 100

139 37.6 30.6 45.8

169 13.1 10.9 16.3



#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

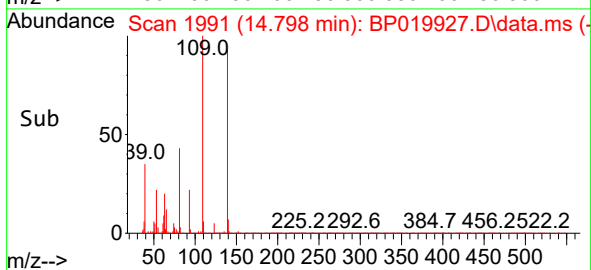
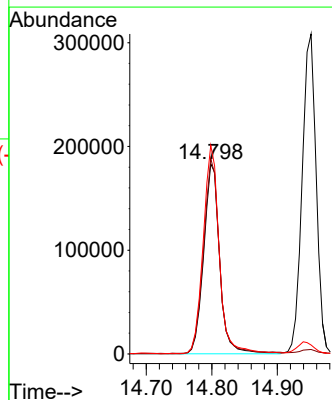
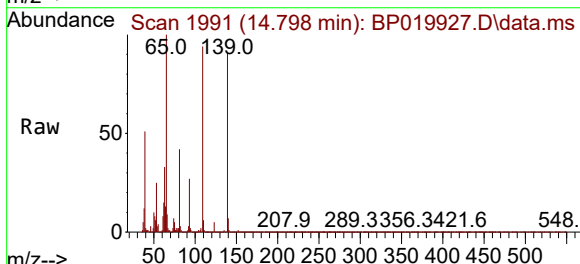
Tgt Ion:139 Resp: 310982

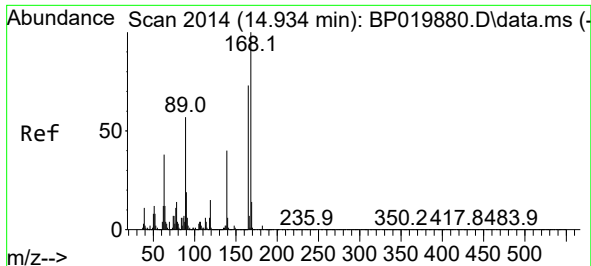
Ion Ratio Lower Upper

139 100

109 102.8 81.3 121.3

65 109.8 93.5 133.5

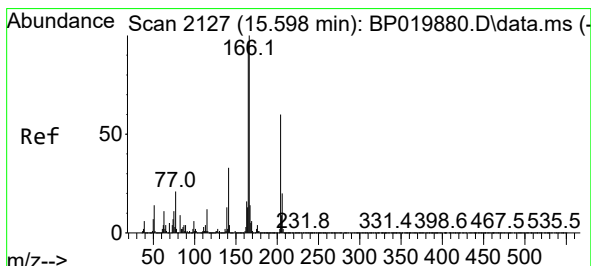
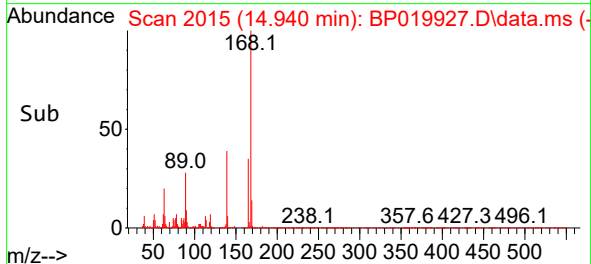
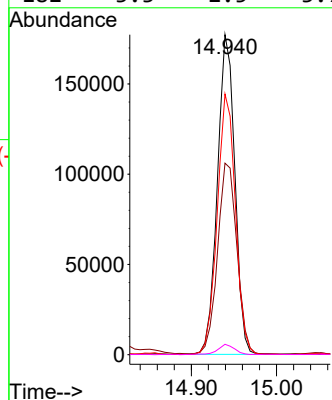
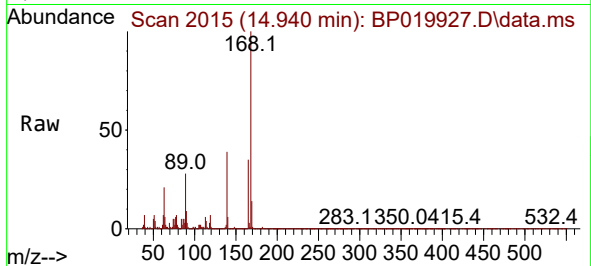




#57
2,4-Dinitrotoluene
Concen: 32.442 ng
RT: 14.940 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

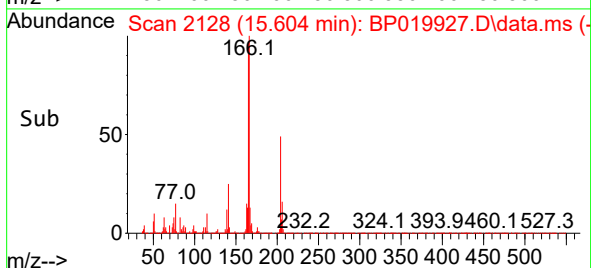
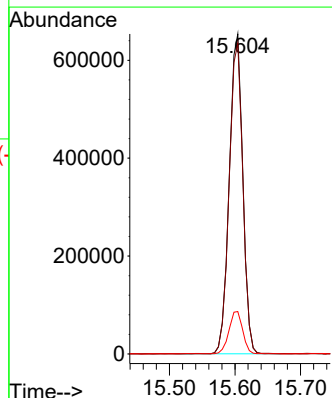
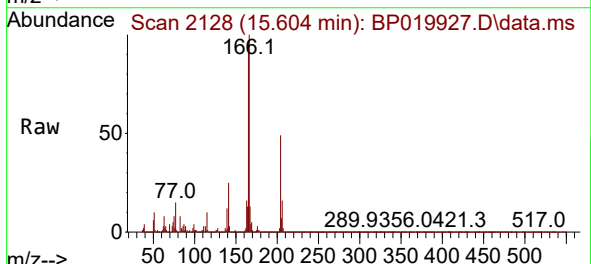
Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD

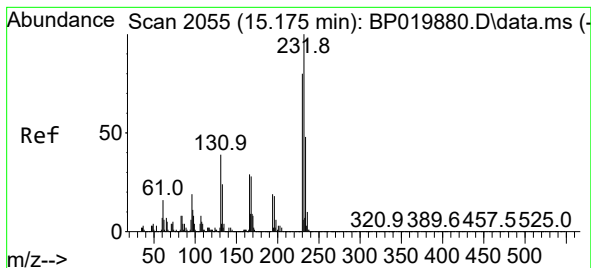
Tgt Ion:165 Resp: 251994
Ion Ratio Lower Upper
165 100
63 59.9 41.4 62.0
89 81.5 62.1 93.1
182 3.3 2.5 3.7



#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# 2055

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: 313176

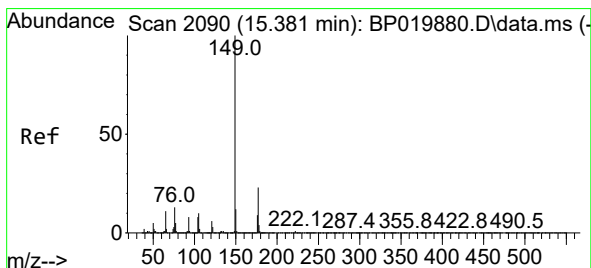
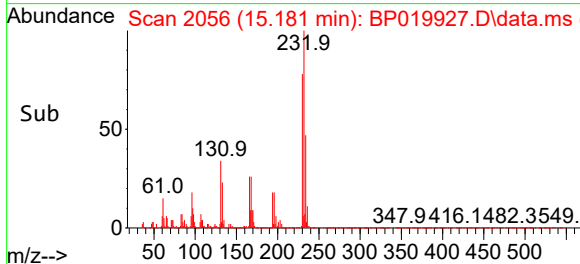
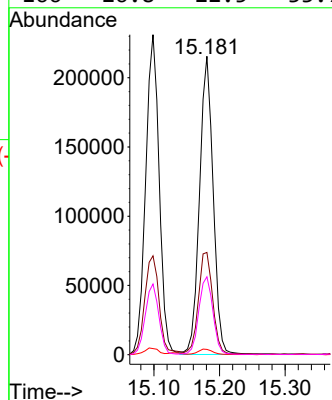
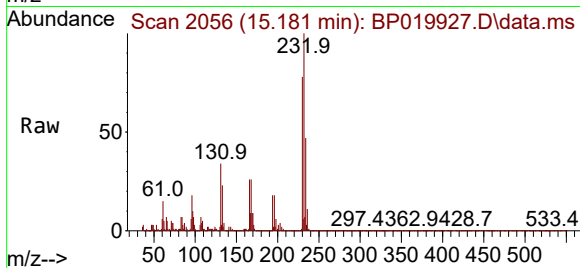
Ion Ratio Lower Upper

232 100

131 35.7 30.7 46.1

130 2.0 1.8 2.6

166 26.8 22.5 33.7



#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

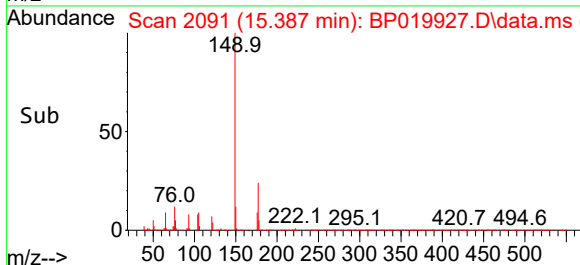
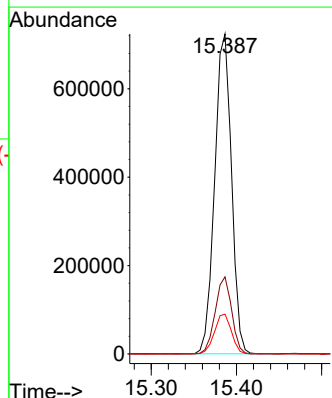
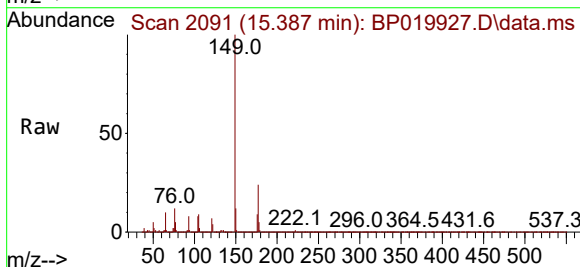
Tgt Ion:149 Resp: 990999

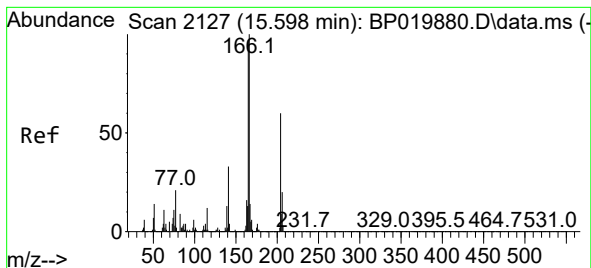
Ion Ratio Lower Upper

149 100

177 24.1 18.4 27.6

150 12.4 9.9 14.9

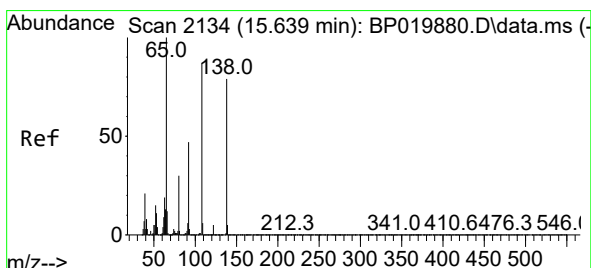
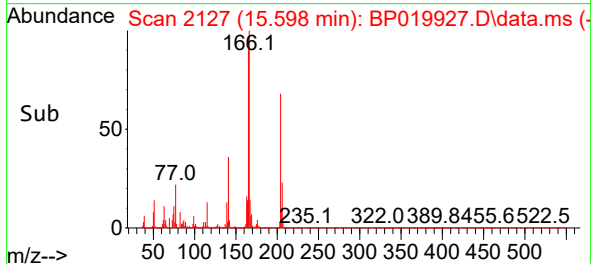
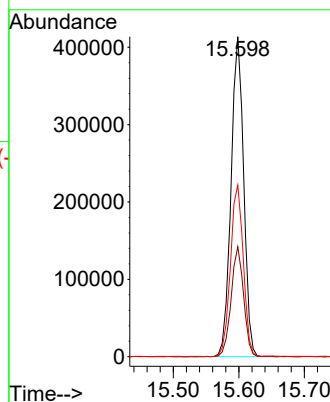
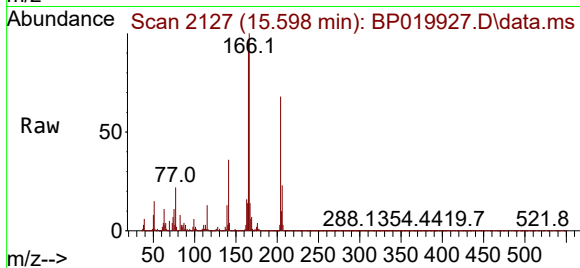




#61
4-Chlorophenyl-phenylether
Concen: 41.676 ng
RT: 15.598 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

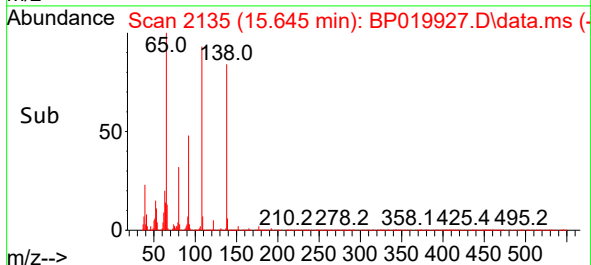
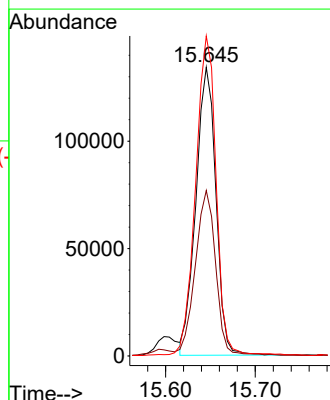
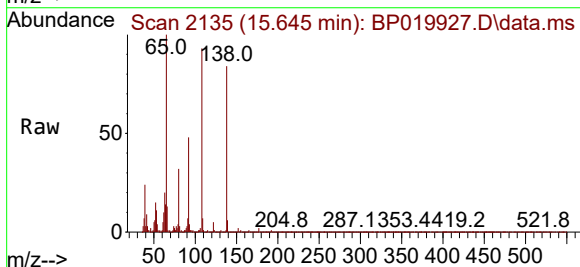
Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD

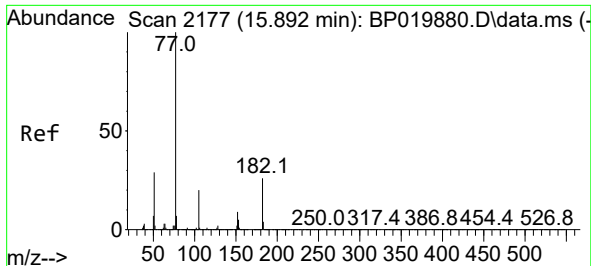
Tgt Ion:204 Resp: 554049
Ion Ratio Lower Upper
204 100
206 34.3 26.6 39.8
141 53.6 44.2 66.4



#62
4-Nitroaniline
Concen: 37.039 ng
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: 208423
Ion Ratio Lower Upper
138 100
92 57.3 39.5 79.5
108 110.9 90.7 130.7

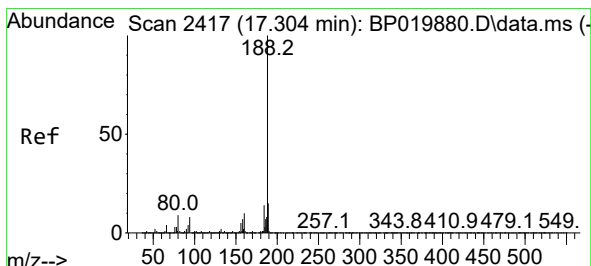
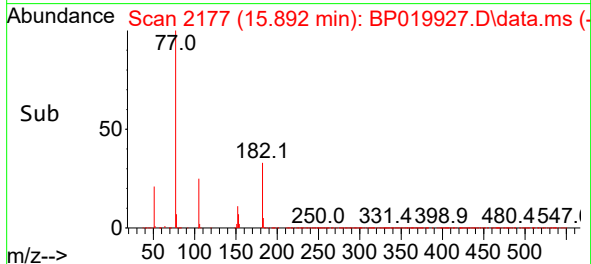
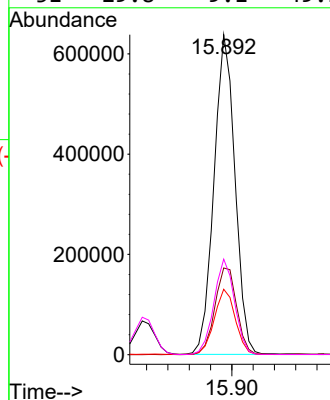
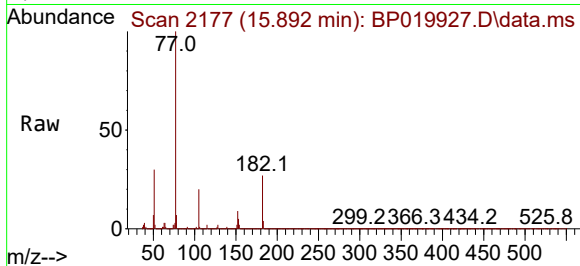




#63
Azobenzene
Concen: 37.438 ng
RT: 15.892 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

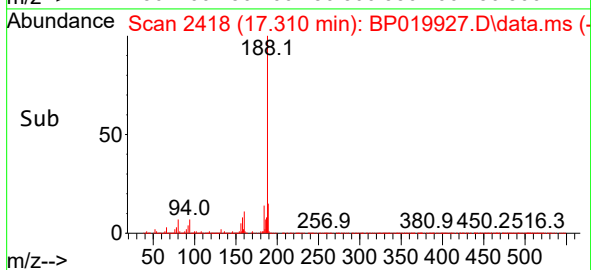
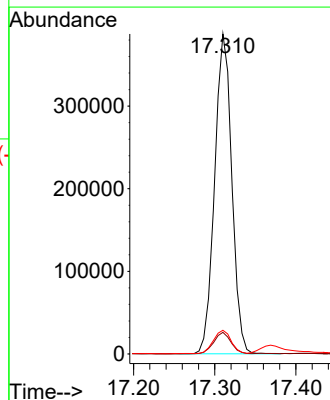
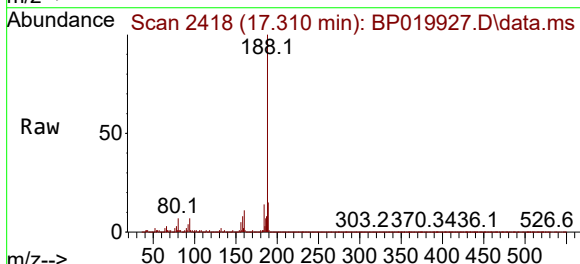
Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD

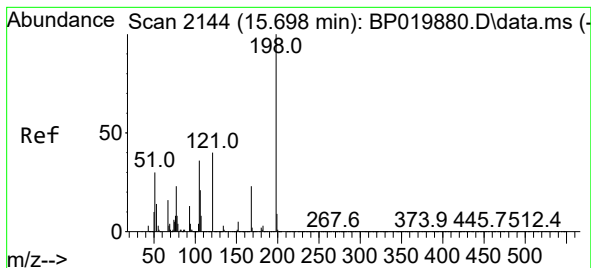
Tgt Ion: 77	Resp: 873151
Ion Ratio	Lower Upper
77 100	
182 27.1	6.3 46.3
105 20.5	0.0 40.0
51 29.8	9.1 49.1



#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

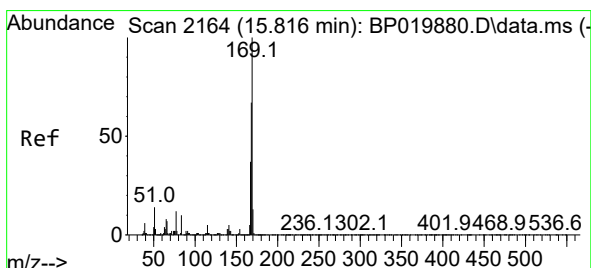
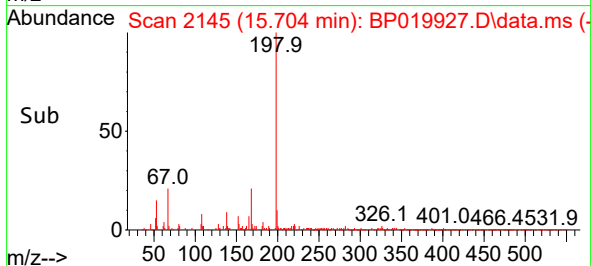
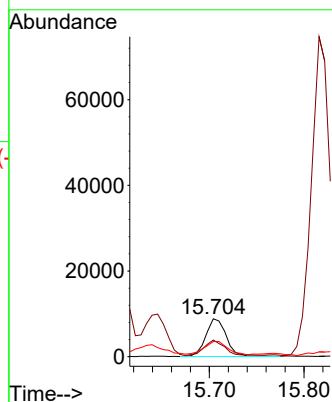
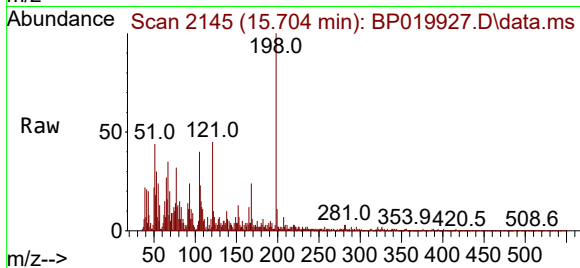




#65
4,6-Dinitro-2-methylphenol
Concen: 3.393 ng
RT: 15.704 min Scan# 2145
Delta R.T. 0.006 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

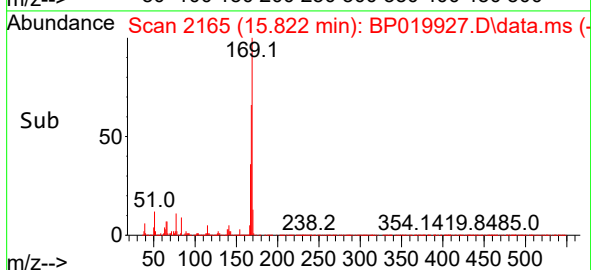
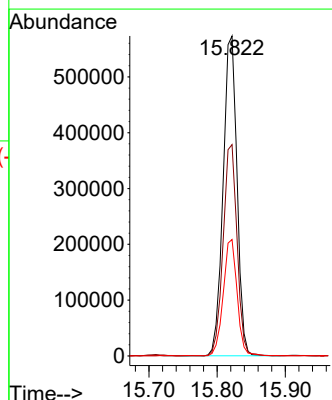
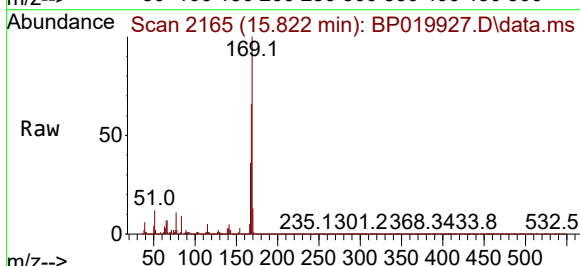
Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD

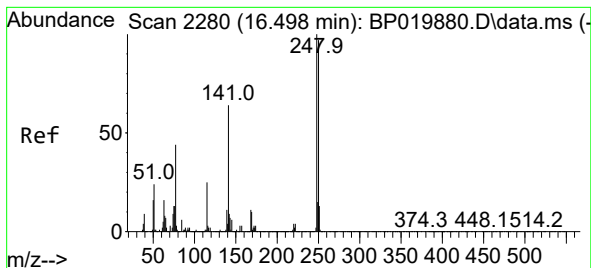
Tgt Ion:198 Resp: 13115
Ion Ratio Lower Upper
198 100
51 44.0 16.3 56.3
105 39.8 17.8 57.8



#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

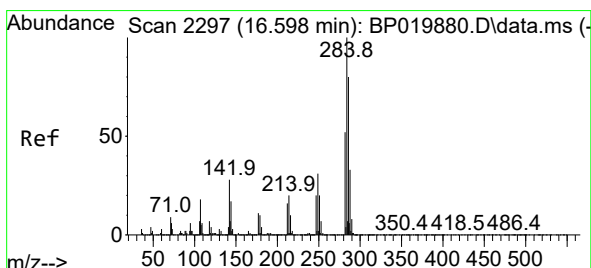
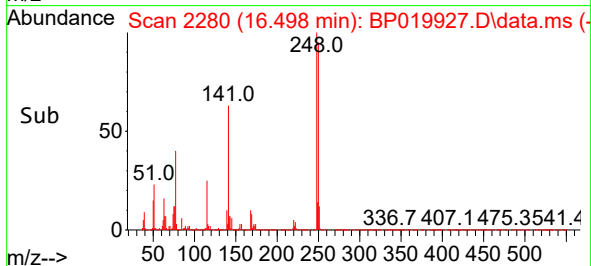
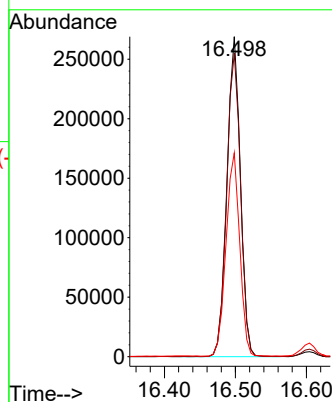
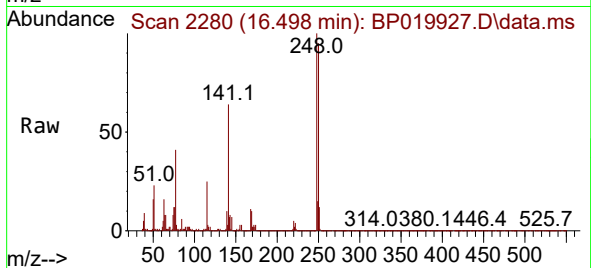




#67
4-Bromophenyl-phenylether
Concen: 50.420 ng
RT: 16.498 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

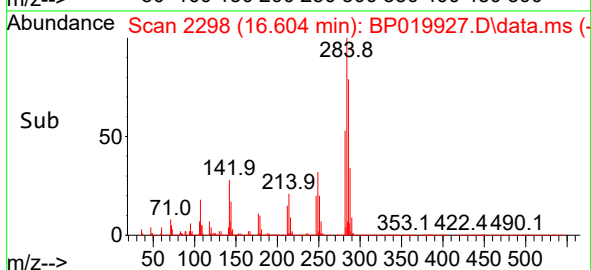
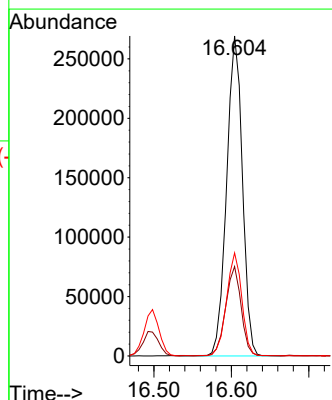
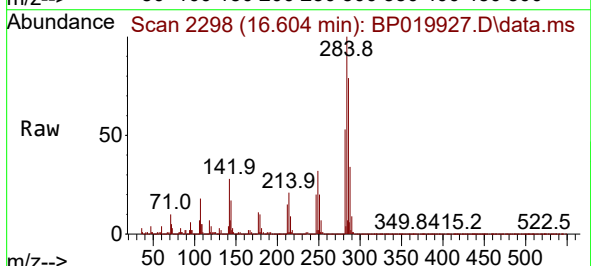
Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD

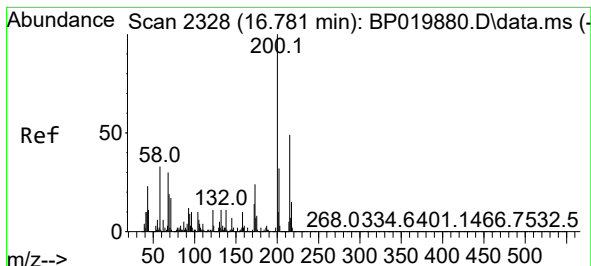
Tgt Ion:248 Resp: 355025
Ion Ratio Lower Upper
248 100
250 94.8 78.0 117.0
141 63.7 51.6 77.4



#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

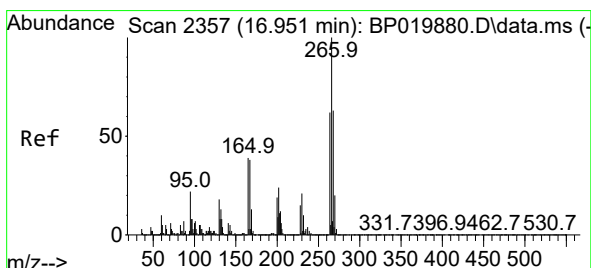
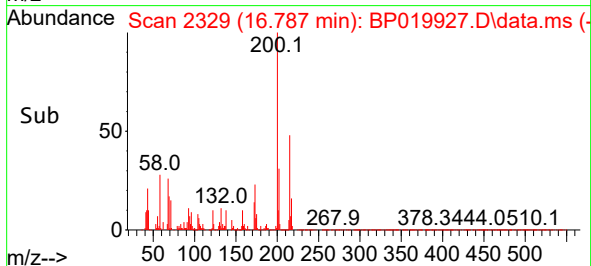
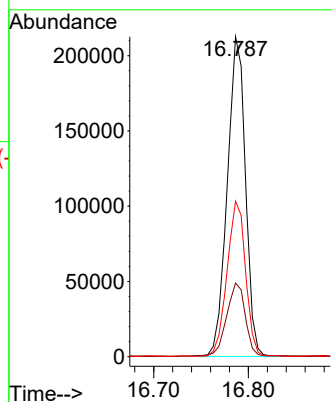
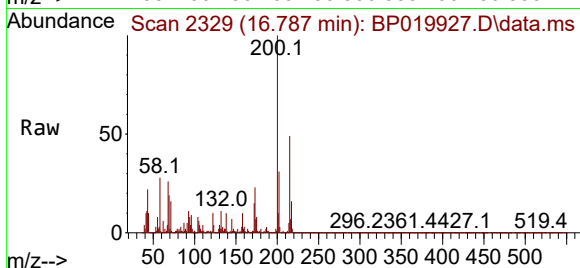
Tgt Ion:200 Resp: 283572

Ion Ratio Lower Upper

200 100

173 23.0 4.1 44.1

215 48.6 29.1 69.1



#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

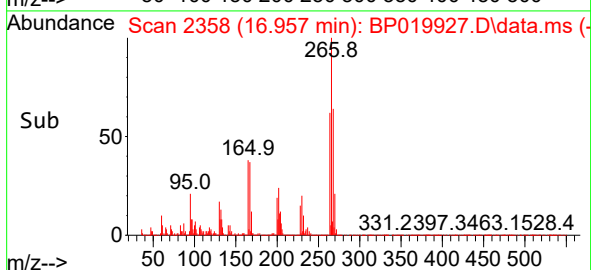
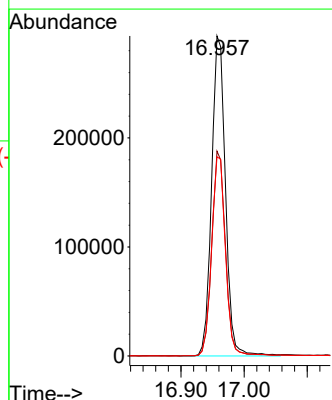
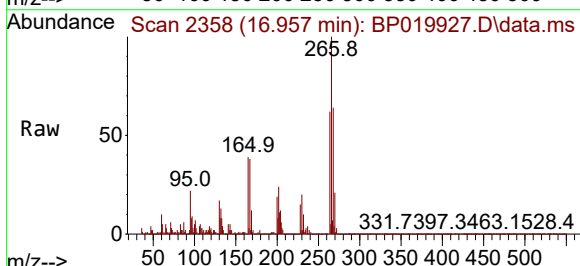
Tgt Ion:266 Resp: 446006

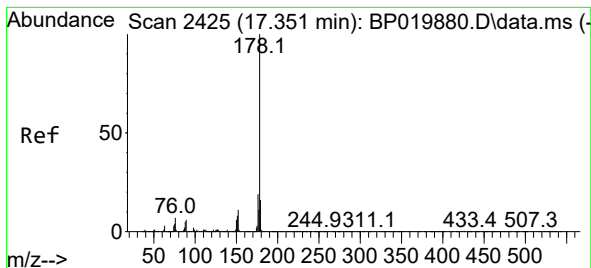
Ion Ratio Lower Upper

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

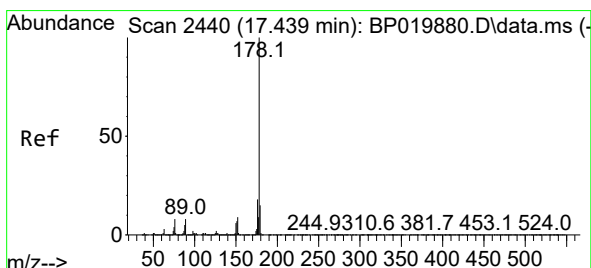
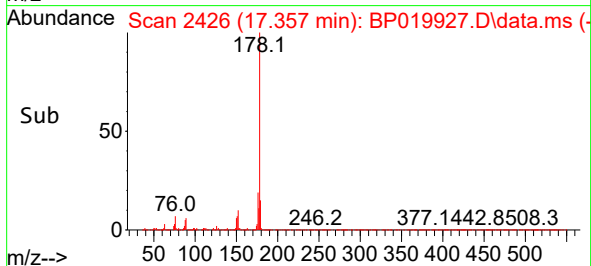
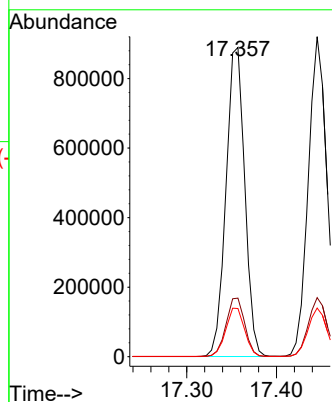
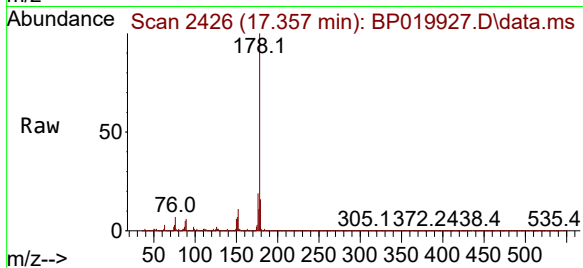
Tgt Ion:178 Resp: 1292229

Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

179 15.6 12.5 18.7



#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

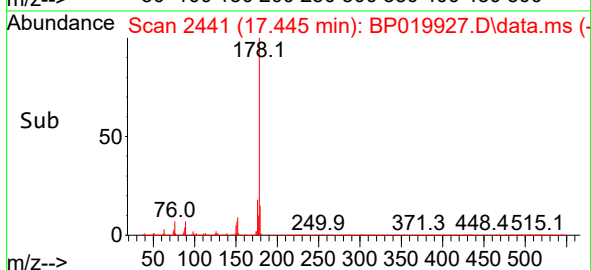
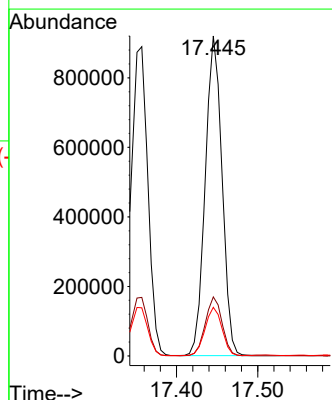
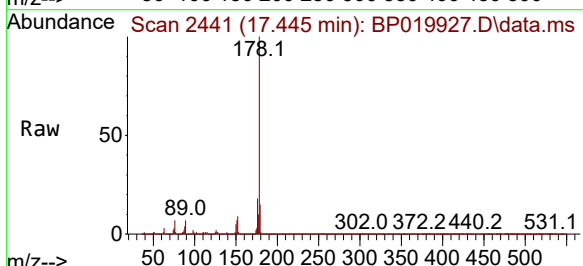
Tgt Ion:178 Resp: 1318609

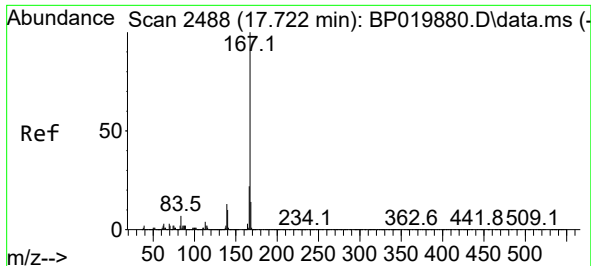
Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

179 15.2 12.2 18.4

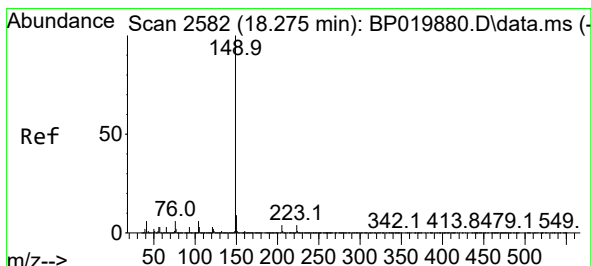
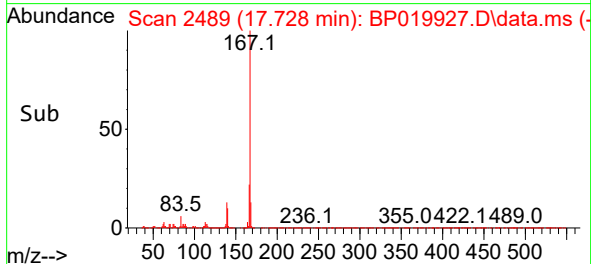
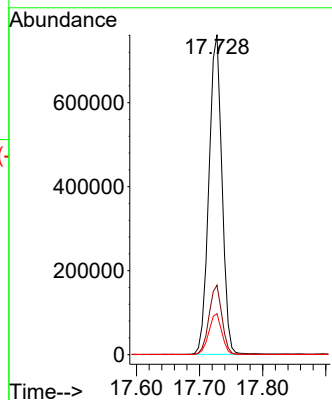
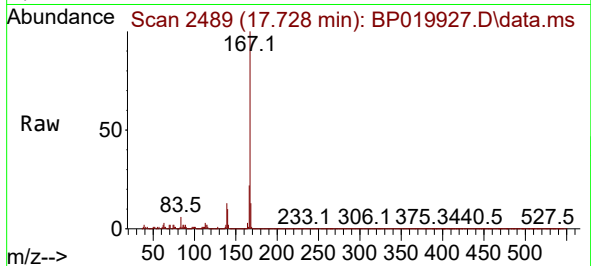




#73
 Carbazole
 Concen: 39.872 ng
 RT: 17.728 min Scan# 2488
 Delta R.T. 0.006 min
 Lab File: BP019927.D
 Acq: 28 Feb 2024 21:09

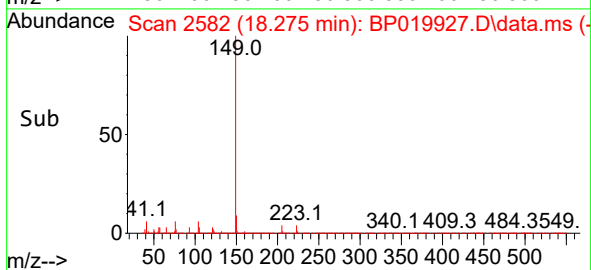
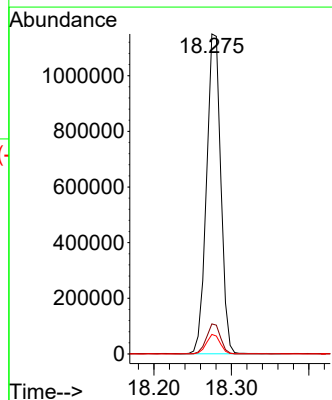
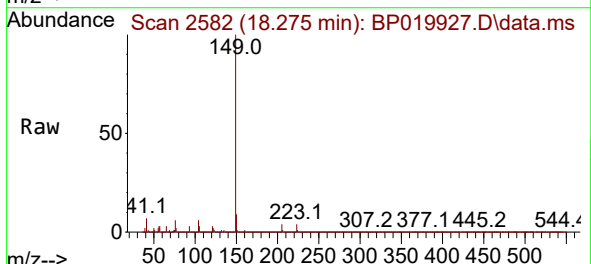
Instrument :
 BNA_P
 ClientSampleId :
 SU-02-02272024MSD

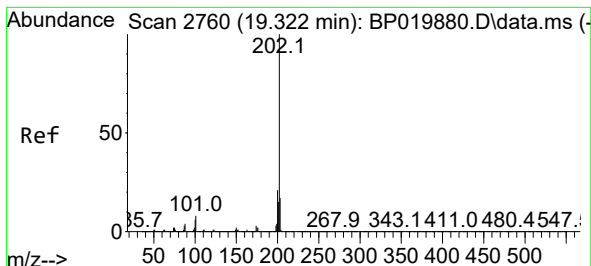
Tgt Ion:167 Resp: 1095760
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.3 25.9
 139 12.8 10.5 15.7



#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

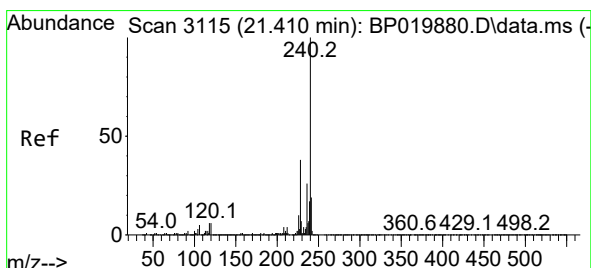
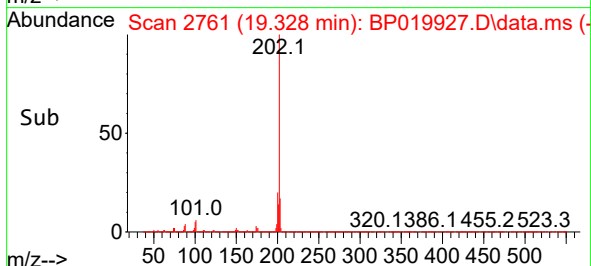
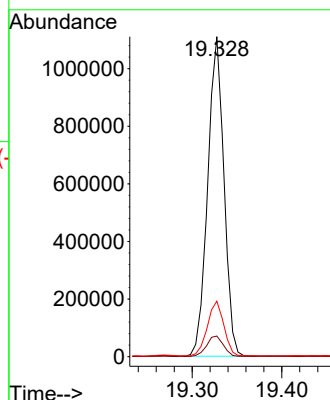
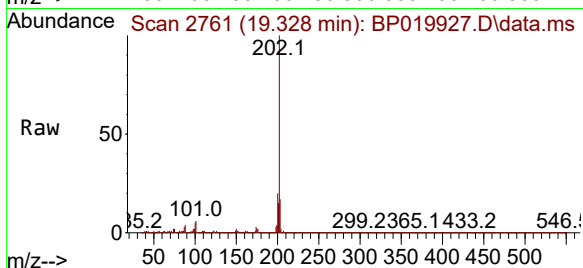
Tgt Ion:202 Resp: 1393939

Ion Ratio Lower Upper

202 100

101 6.4 0.0 27.7

203 17.4 0.0 37.5



#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

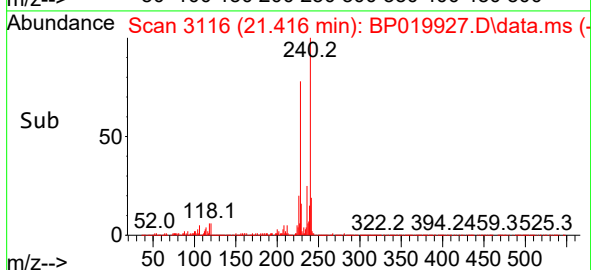
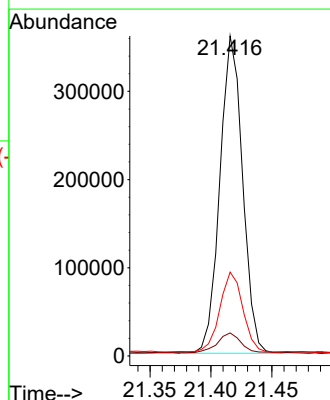
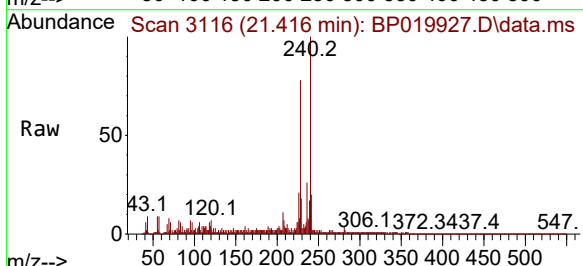
Tgt Ion:240 Resp: 466550

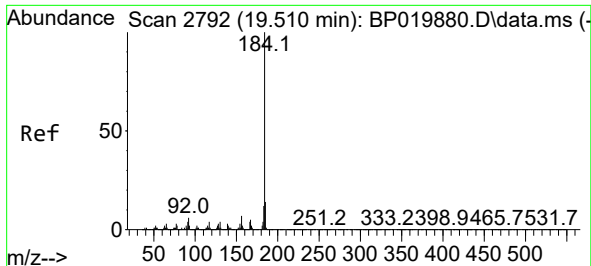
Ion Ratio Lower Upper

240 100

120 7.2 5.1 7.7

236 26.2 20.5 30.7

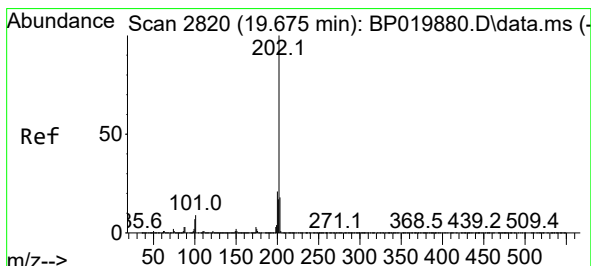
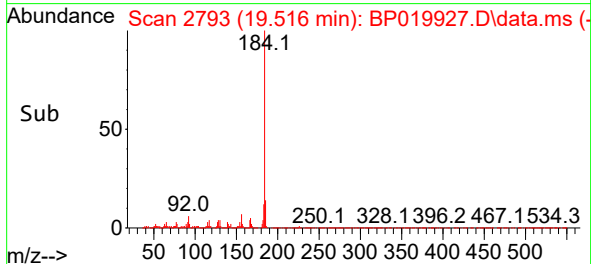
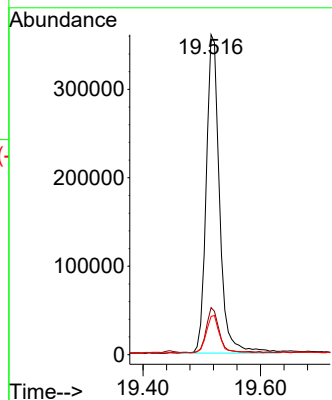
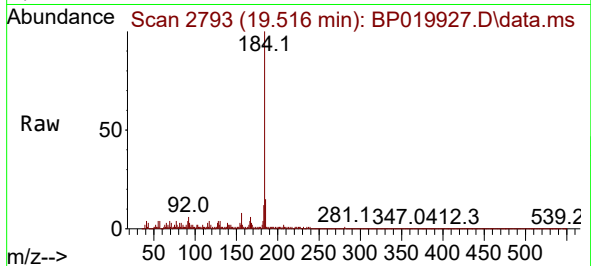




#77
Benzidine
Concen: 42.310 ng
RT: 19.516 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

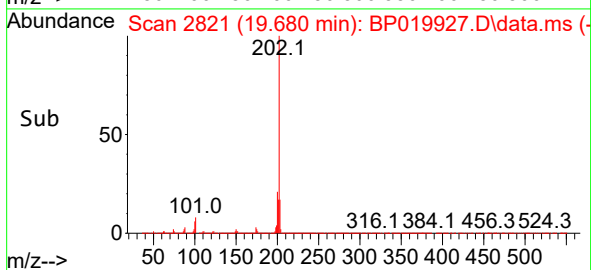
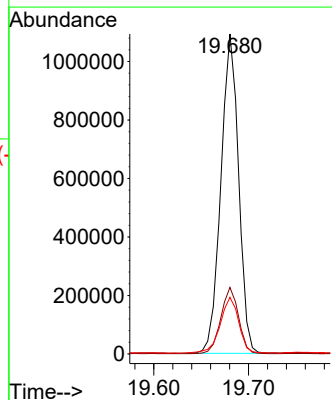
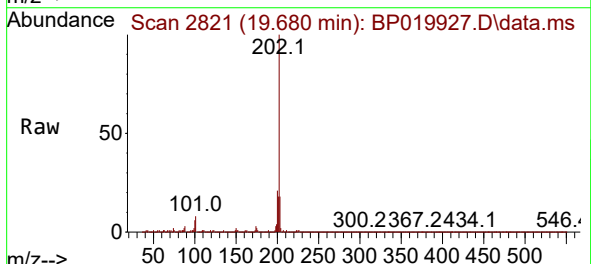
Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD

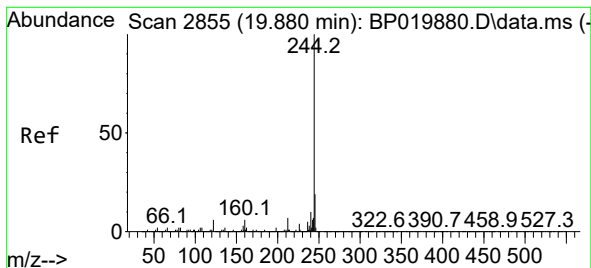
Tgt Ion:184 Resp: 567019
Ion Ratio Lower Upper
184 100
185 14.7 11.2 16.8
183 12.0 9.3 13.9



#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

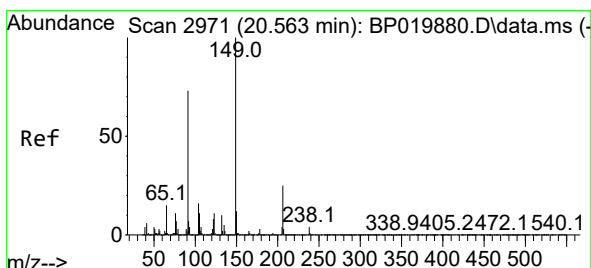
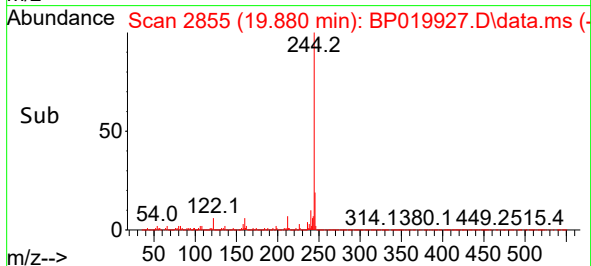
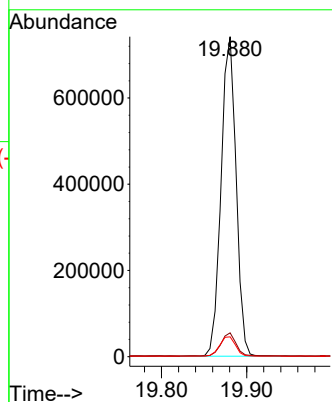
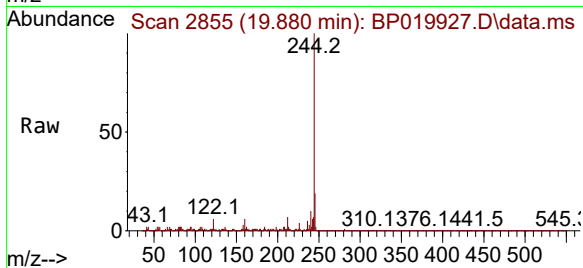
Tgt Ion:244 Resp: 907461

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

122 6.2 5.0 7.6



#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

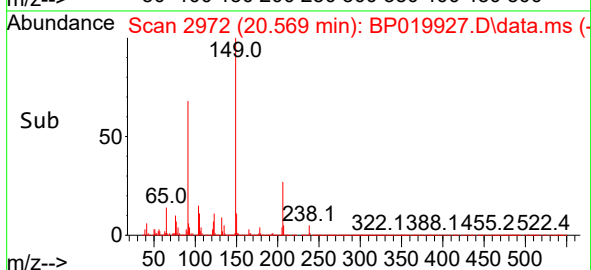
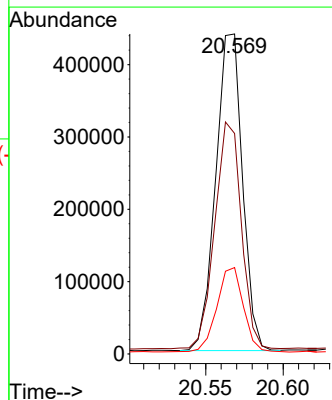
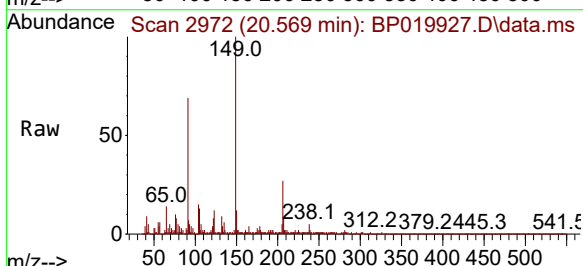
Tgt Ion:149 Resp: 527369

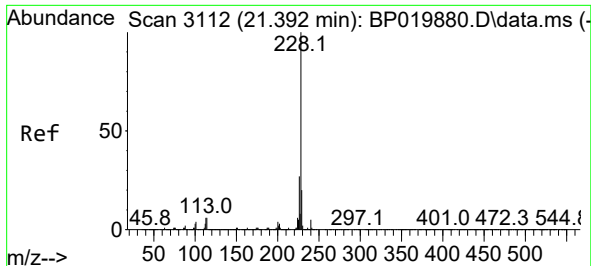
Ion Ratio Lower Upper

149 100

91 68.9 58.3 87.5

206 27.0 19.8 29.8

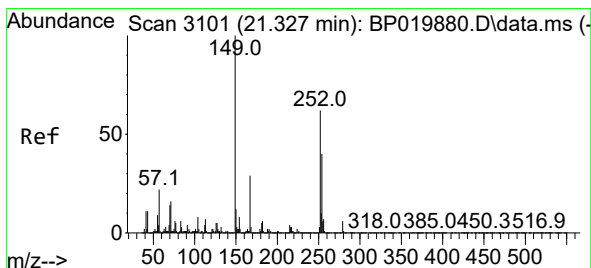
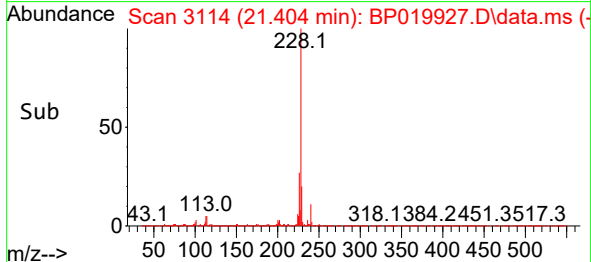
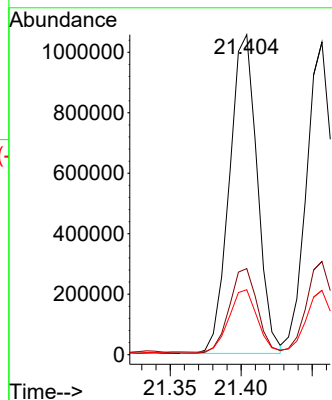
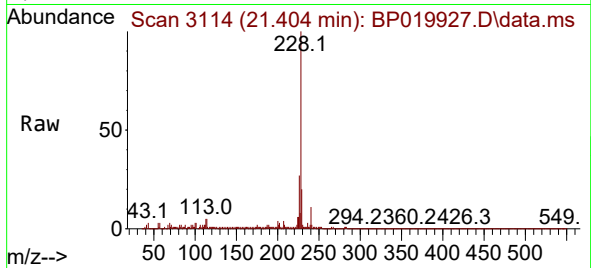




#81
Benzo(a)anthracene
Concen: 43.408 ng
RT: 21.404 min Scan# 3114
Delta R.T. 0.012 min
Lab File: BP019927.D
Acq: 28 Feb 2024 21:09

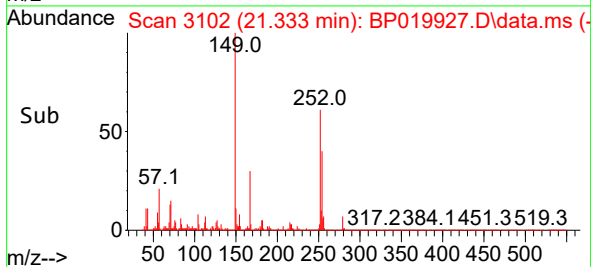
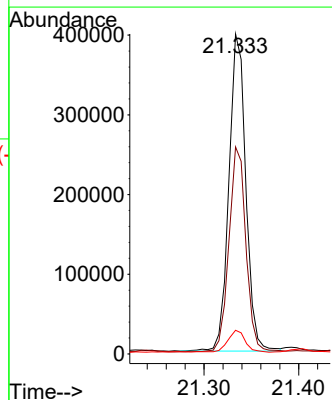
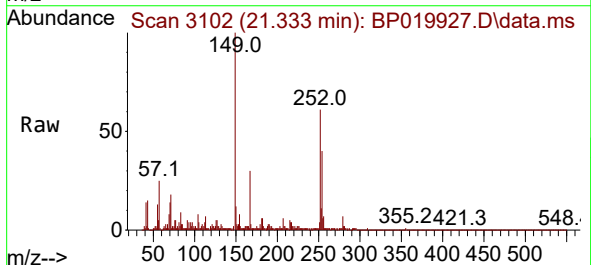
Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD

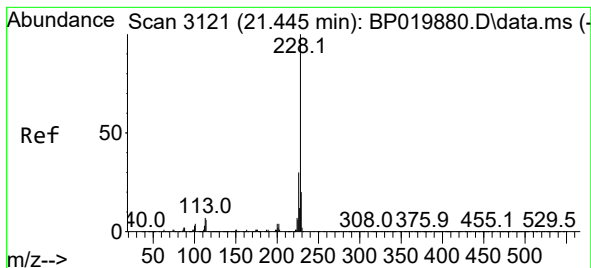
Tgt Ion:228 Resp: 1437564
Ion Ratio Lower Upper
228 100
226 26.9 21.5 32.3
229 20.3 15.6 23.4



#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# 31

Delta R.T. 0.012 min

Lab File: BP019927.D

Acq: 28 Feb 2024 21:09

Instrument :

BNA_P

ClientSampleId :

SU-02-02272024MSD

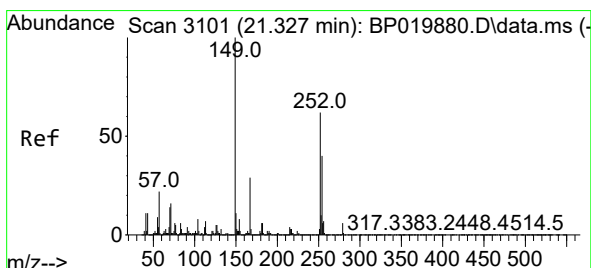
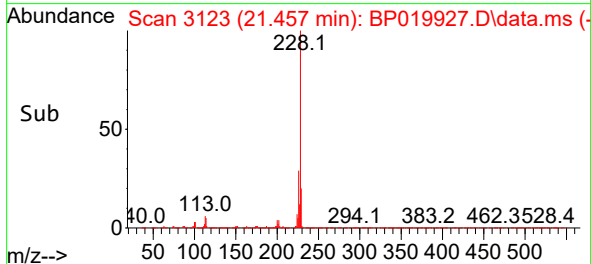
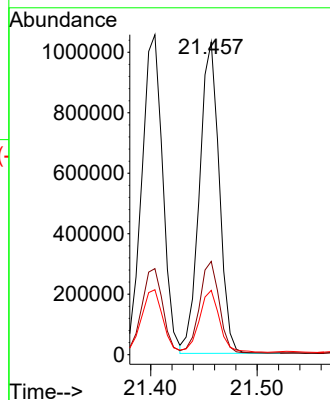
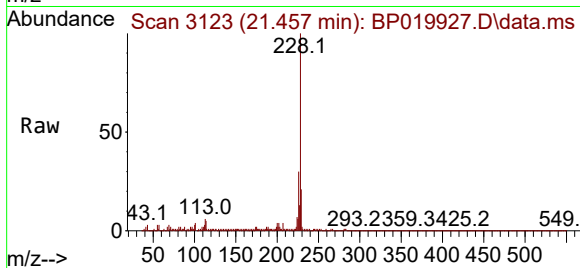
Tgt Ion:228 Resp: 1324712

Ion Ratio Lower Upper

228 100

226 29.8 23.9 35.9

229 20.6 15.7 23.5



#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

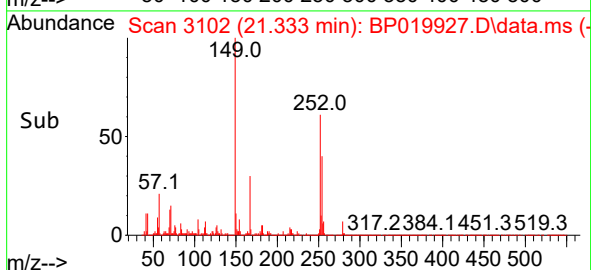
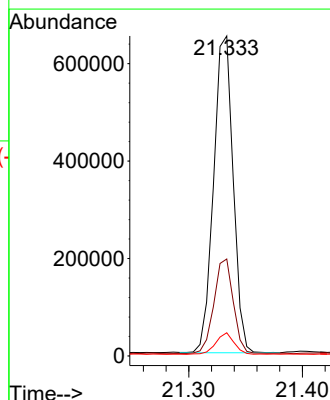
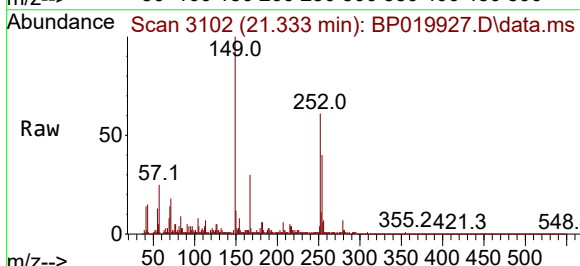
Tgt Ion:149 Resp: 778002

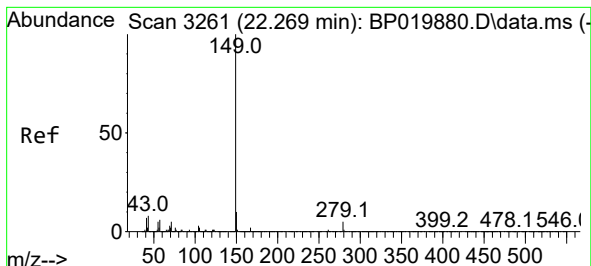
Ion Ratio Lower Upper

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

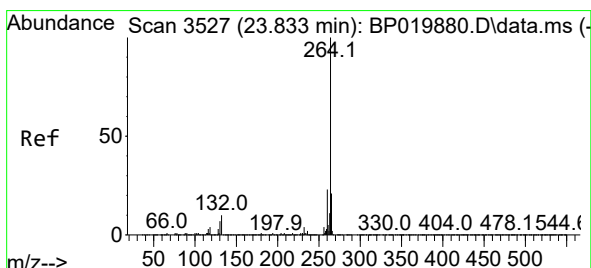
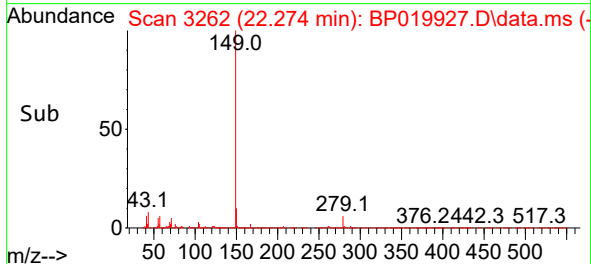
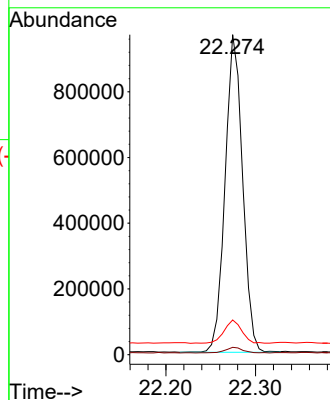
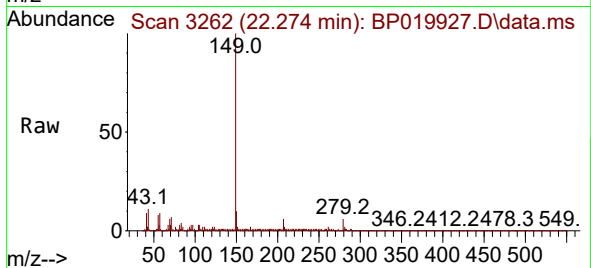
Tgt Ion:149 Resp: 1306404

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

43 7.6 6.3 9.5



#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

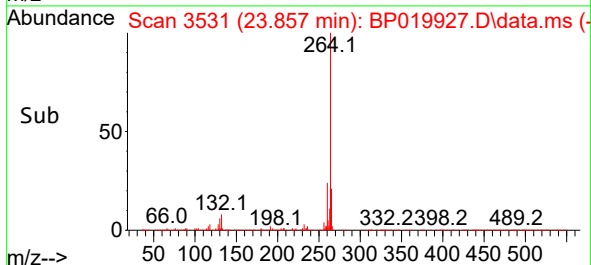
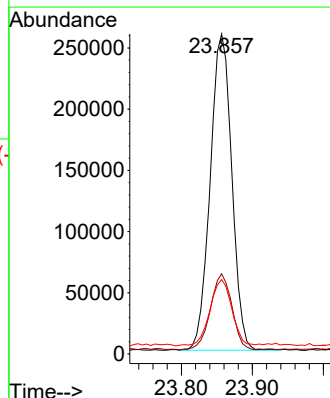
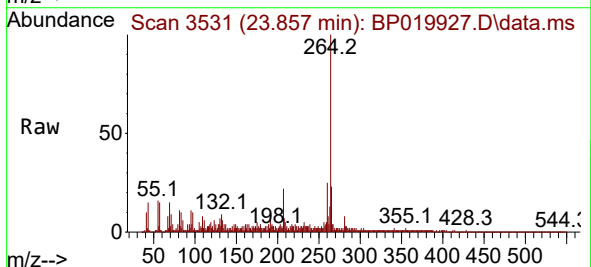
Tgt Ion:264 Resp: 544996

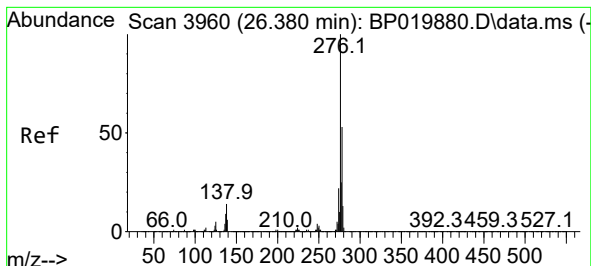
Ion Ratio Lower Upper

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

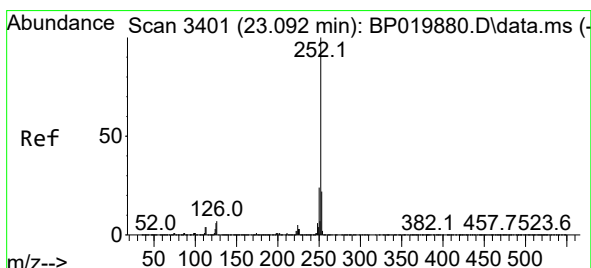
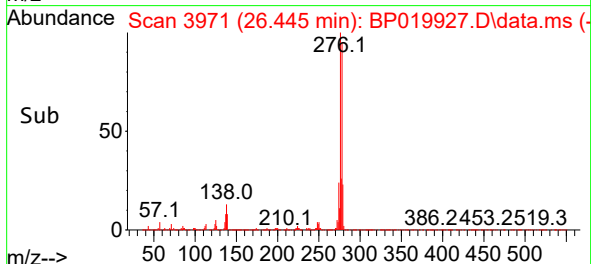
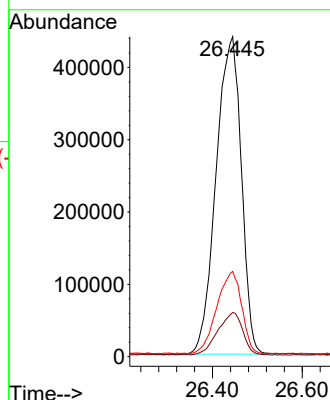
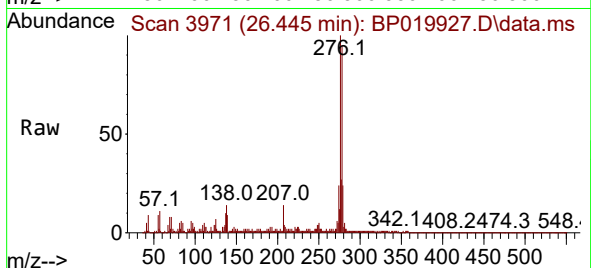
Tgt Ion:276 Resp: 1717315

Ion Ratio Lower Upper

276 100

138 13.2 11.7 17.5

277 25.5 20.2 30.4



#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

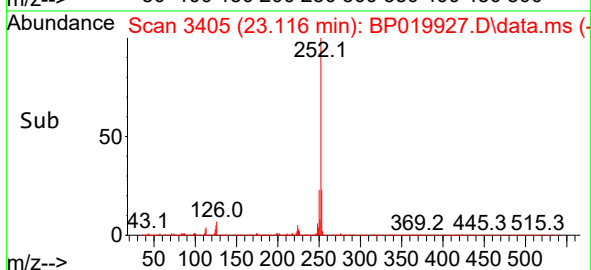
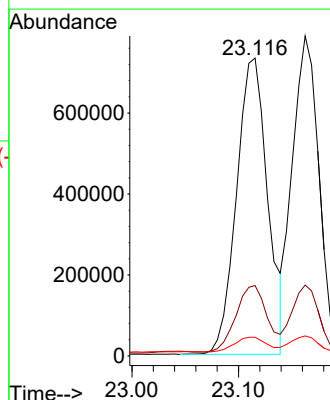
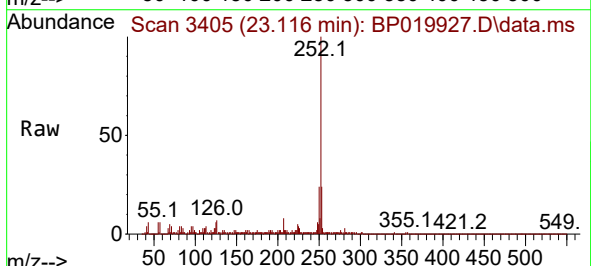
Tgt Ion:252 Resp: 1487456

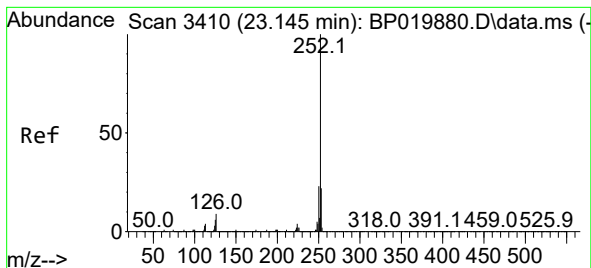
Ion Ratio Lower Upper

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

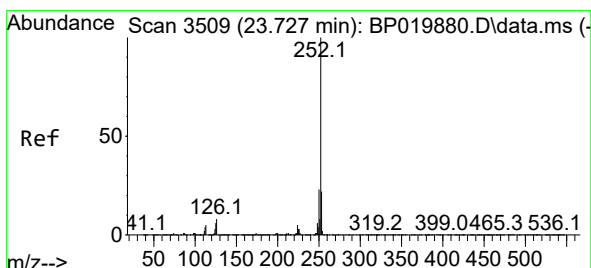
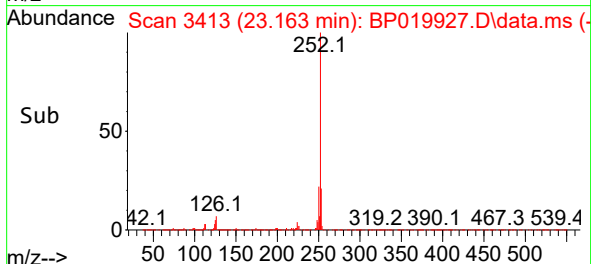
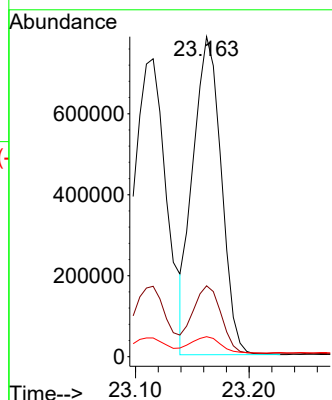
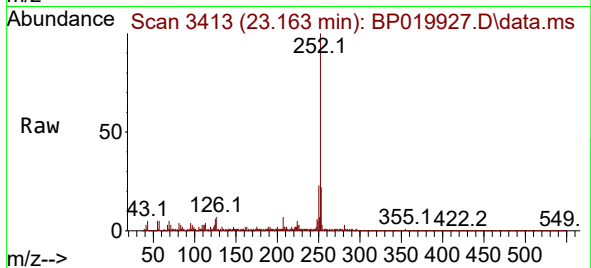
Tgt Ion:252 Resp: 1356904

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 6.3 4.6 6.8



#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

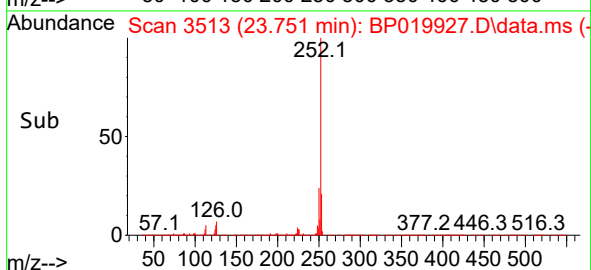
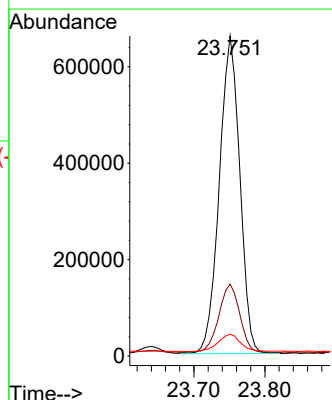
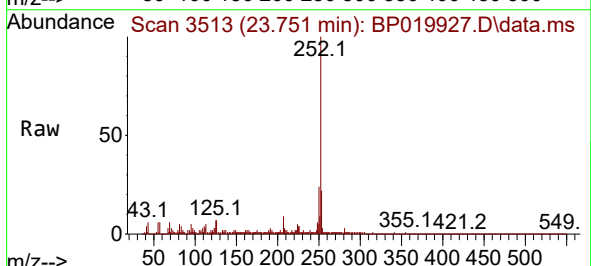
Tgt Ion:252 Resp: 1318240

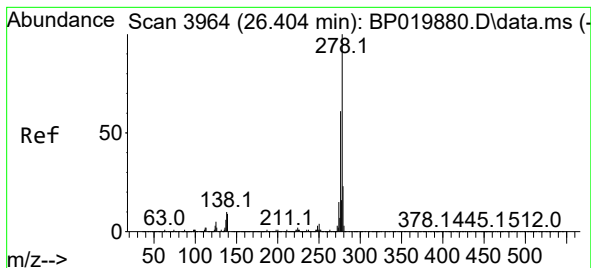
Ion Ratio Lower Upper

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

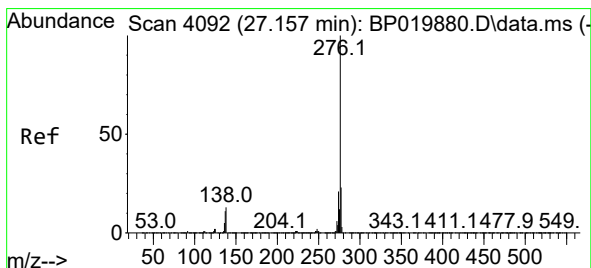
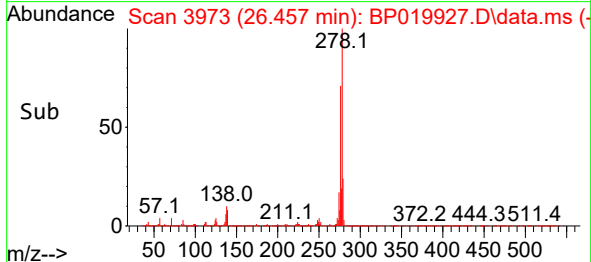
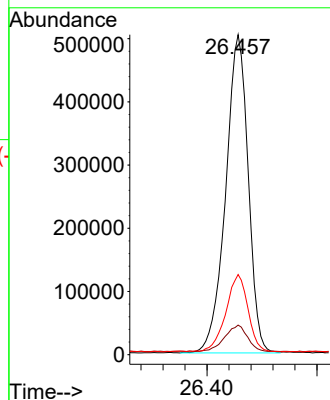
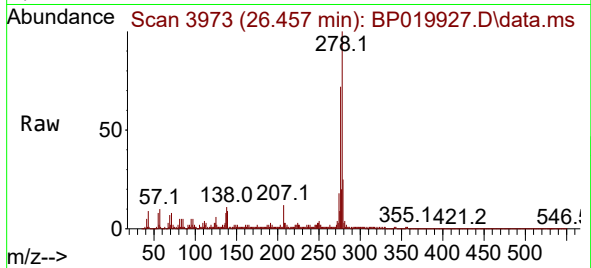
Tgt Ion:278 Resp: 1429917

Ion Ratio Lower Upper

278 100

139 9.3 7.4 11.0

279 25.1 18.7 28.1



#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

