

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
 Data File : BP019932.D
 Acq On : 29 Feb 2024 12:15
 Operator : MA/JU
 Sample : PB159345BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB159345BS

Quant Time: Feb 29 12:51:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 29 12:18:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	101853	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	419490	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	298215	20.000	ng	0.00
64) Phenanthrene-d10	17.322	188	682314	20.000	ng	0.00
76) Chrysene-d12	21.428	240	524513	20.000	ng	0.00
86) Perylene-d12	23.863	264	515135	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	904640	145.784	ng	0.00
7) Phenol-d6	7.093	99	1241012	134.325	ng	0.00
23) Nitrobenzene-d5	9.087	82	819140	78.833	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	755256	147.703	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	2045356	92.668	ng	0.00
79) Terphenyl-d14	19.892	244	3373888	101.384	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	70075	32.649	ng	100
3) Pyridine	3.781	79	196561	29.942	ng	97
4) n-Nitrosodimethylamine	3.705	42	118774	43.906	ng	100
6) Aniline	7.246	93	276339	24.382	ng	97
8) 2-Chlorophenol	7.475	128	333042	49.771	ng	99
9) Benzaldehyde	7.058	77	50776	9.629	ng	98
10) Phenol	7.122	94	440859	47.854	ng	95
11) bis(2-Chloroethyl)ether	7.346	93	302499	41.691	ng	98
12) 1,3-Dichlorobenzene	7.793	146	342267	47.111	ng	99
13) 1,4-Dichlorobenzene	7.946	146	350894	47.696	ng	100
14) 1,2-Dichlorobenzene	8.258	146	342086	46.353	ng	100
15) Benzyl Alcohol	8.164	79	357347	43.843	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.434	45	296030	38.213	ng	100
17) 2-Methylphenol	8.369	107	297554	43.187	ng	97
18) Hexachloroethane	8.975	117	131800	46.232	ng	96
19) n-Nitroso-di-n-propyla...	8.734	70	273951	39.251	ng	98
20) 3+4-Methylphenols	8.699	107	410046	41.419	ng	98
22) Acetophenone	8.752	105	523156	40.155	ng	# 99
24) Nitrobenzene	9.128	77	408500	40.608	ng	98
25) Isophorone	9.658	82	747480	41.330	ng	99
26) 2-Nitrophenol	9.834	139	193042	47.959	ng	97
27) 2,4-Dimethylphenol	9.899	122	268488	40.405	ng	99
28) bis(2-Chloroethoxy)met...	10.140	93	426776	42.284	ng	99
29) 2,4-Dichlorophenol	10.375	162	372805	50.299	ng	96
30) 1,2,4-Trichlorobenzene	10.575	180	387061	47.535	ng	100
31) Naphthalene	10.769	128	995300	44.313	ng	99
32) Benzoic acid	10.110	122	259743	46.137	ng	97
33) 4-Chloroaniline	10.893	127	197358	19.341	ng	98
34) Hexachlorobutadiene	11.028	225	278649	47.058	ng	98
35) Caprolactam	11.734	113	92719	33.922	ng	89
36) 4-Chloro-3-methylphenol	12.028	107	408254	44.651	ng	100
37) 2-Methylnaphthalene	12.381	142	727580	41.730	ng	98
38) 1-Methylnaphthalene	12.599	142	698174	42.319	ng	96
40) 1,2,4,5-Tetrachloroben...	12.746	216	515272	50.583	ng	98
41) Hexachlorocyclopentadiene	12.704	237	538919	102.172	ng	98
43) 2,4,6-Trichlorophenol	12.993	196	346805	51.562	ng	98

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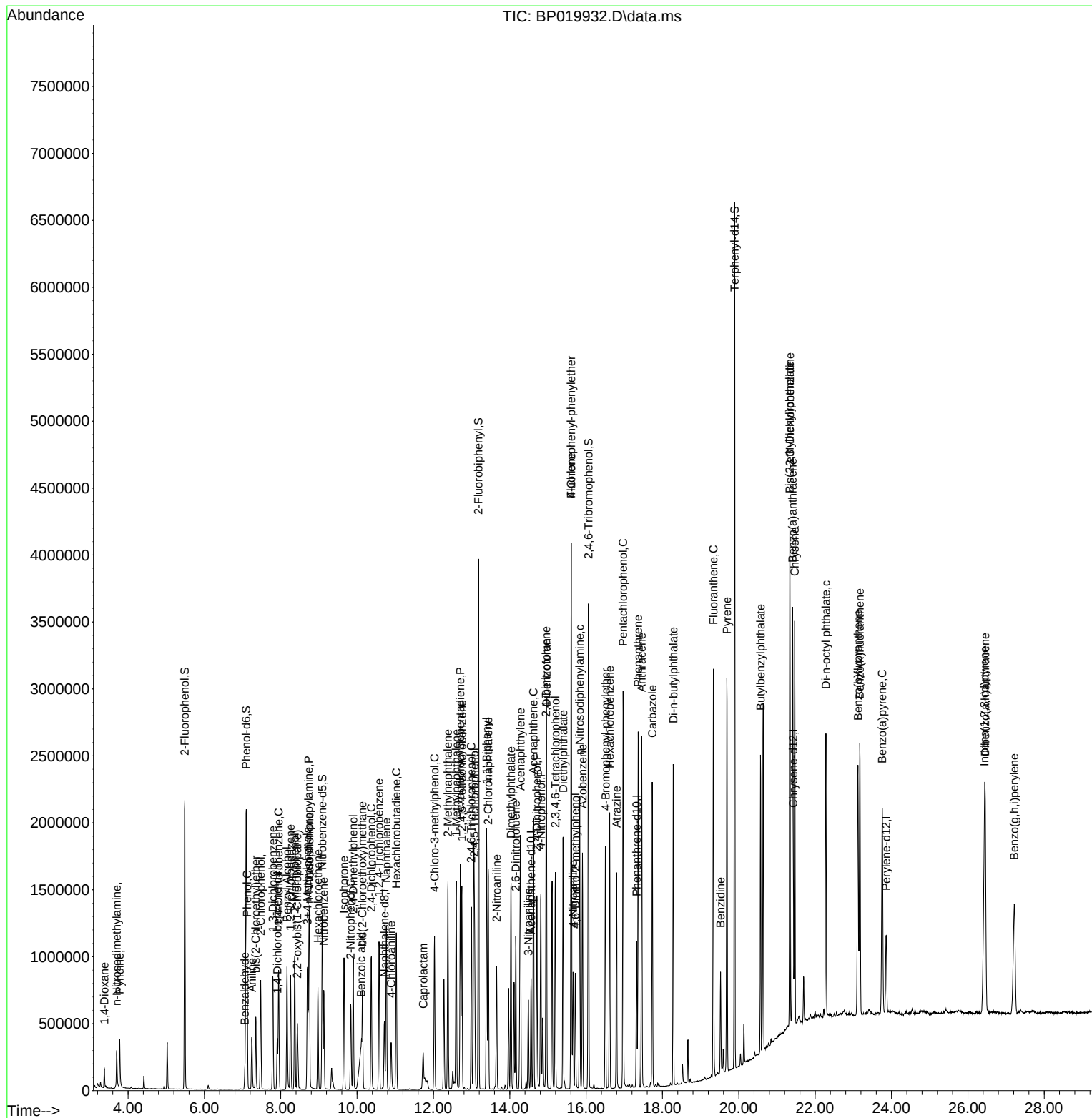
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.075	196	382479	47.738	ng	97
46) 1,1'-Biphenyl	13.393	154	1022688	47.896	ng	100
47) 2-Chloronaphthalene	13.434	162	819277	49.433	ng	99
48) 2-Nitroaniline	13.657	65	265721	44.361	ng	95
49) Acenaphthylene	14.281	152	1312359	48.876	ng	99
50) Dimethylphthalate	14.034	163	1090097	44.778	ng	99
51) 2,6-Dinitrotoluene	14.157	165	242879	46.356	ng	98
52) Acenaphthene	14.622	154	727470	45.122	ng	99
53) 3-Nitroaniline	14.487	138	161344	31.109	ng	100
54) 2,4-Dinitrophenol	14.710	184	337217	98.735	ng	98
55) Dibenzofuran	14.963	168	1276936	46.409	ng	98
56) 4-Nitrophenol	14.816	139	368731	90.885	ng	96
57) 2,4-Dinitrotoluene	14.951	165	343453	46.059	ng	97
58) Fluorene	15.610	166	1044769	46.818	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.193	232	350776	47.719	ng	97
60) Diethylphthalate	15.398	149	1066919	44.362	ng	98
61) 4-Chlorophenyl-phenyle...	15.610	204	605012	47.407	ng	96
62) 4-Nitroaniline	15.657	138	208077	38.518	ng	94
63) Azobenzene	15.904	77	976665	43.622	ng	98
65) 4,6-Dinitro-2-methylph...	15.722	198	218652	47.214	ng	98
66) n-Nitrosodiphenylamine	15.834	169	914292	46.699	ng	99
67) 4-Bromophenyl-phenylether	16.510	248	401694	47.613	ng	98
68) Hexachlorobenzene	16.616	284	466594	51.282	ng	97
69) Atrazine	16.798	200	331621	40.481	ng	100
70) Pentachlorophenol	16.969	266	606879	90.239	ng	99
71) Phenanthrene	17.363	178	1637073	44.950	ng	100
72) Anthracene	17.457	178	1648691	44.346	ng	100
73) Carbazole	17.734	167	1437165	43.646	ng	99
74) Di-n-butylphthalate	18.287	149	1759742	42.731	ng	100
75) Fluoranthene	19.334	202	1889343	39.973	ng	99
77) Benzidine	19.522	184	454714	30.180	ng	100
78) Pyrene	19.686	202	1881026	52.197	ng	100
80) Butylbenzylphthalate	20.569	149	661497	45.903	ng	100
81) Benzo(a)anthracene	21.410	228	1729047	46.440	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	515793	36.121	ng	99
83) Chrysene	21.463	228	1595331	45.728	ng	100
84) Bis(2-ethylhexyl)phtha...	21.333	149	919501	44.449	ng	100
85) Di-n-octyl phthalate	22.280	149	1527132	44.358	ng	100
87) Indeno(1,2,3-cd)pyrene	26.433	276	1673391	46.142	ng	99
88) Benzo(b)fluoranthene	23.122	252	1619313	51.273	ng	99
89) Benzo(k)fluoranthene	23.169	252	1544669	49.870	ng	99
90) Benzo(a)pyrene	23.757	252	1413688	46.839	ng	99
91) Dibenzo(a,h)anthracene	26.457	278	1409488	46.232	ng	98
92) Benzo(g,h,i)perylene	27.215	276	1282626	43.581	ng	98

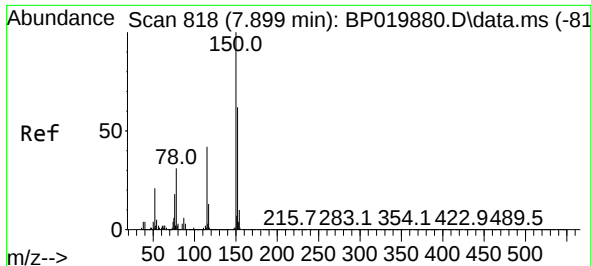
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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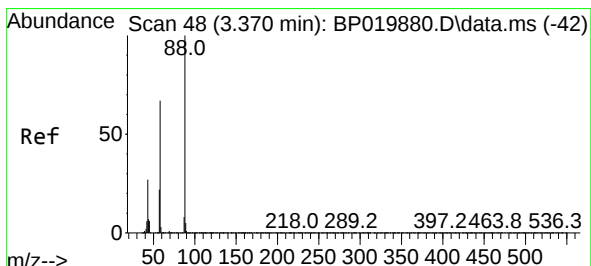
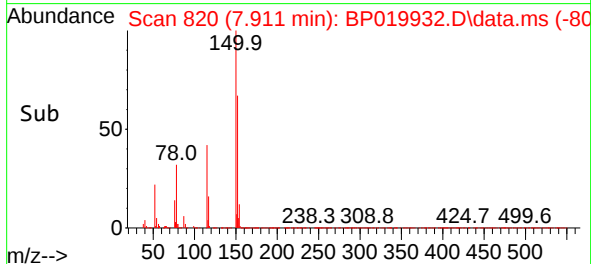
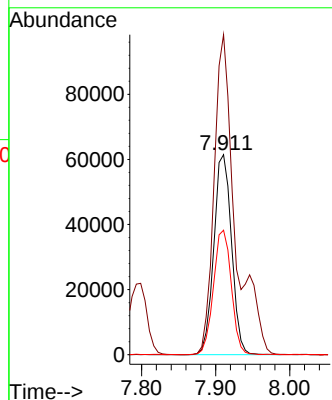
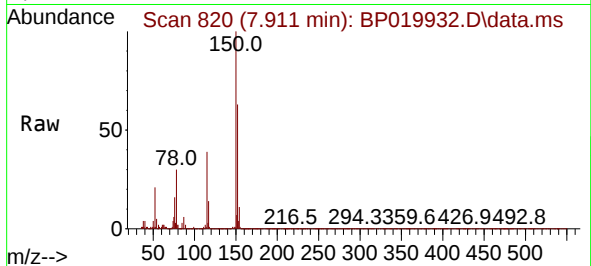




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.911 min Scan# 81
 Delta R.T. 0.001 min
 Lab File: BP019932.D
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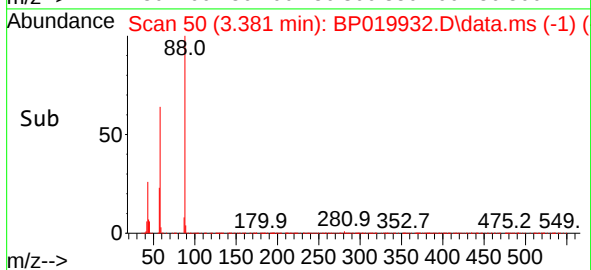
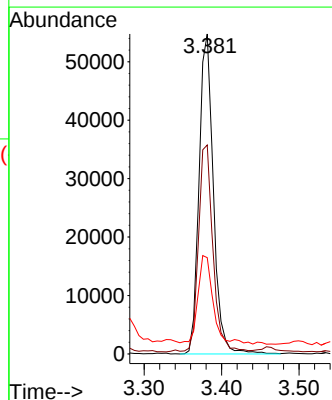
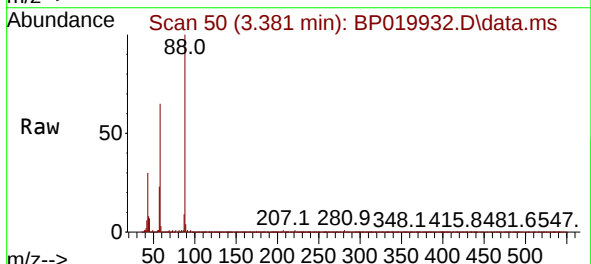
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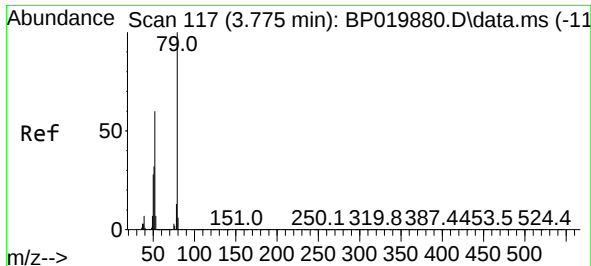
Tgt Ion:152 Resp: 101853
 Ion Ratio Lower Upper
 152 100
 150 159.9 128.6 192.8
 115 62.2 53.4 80.2



#2
 1,4-Dioxane
 Concen: 32.649 ng
 RT: 3.381 min Scan# 50
 Delta R.T. 0.006 min
 Lab File: BP019932.D
 Acq: 29 Feb 2024 12:15

Tgt Ion: 88 Resp: 70075
 Ion Ratio Lower Upper
 88 100
 58 65.4 52.0 78.0
 43 27.2 21.6 32.4

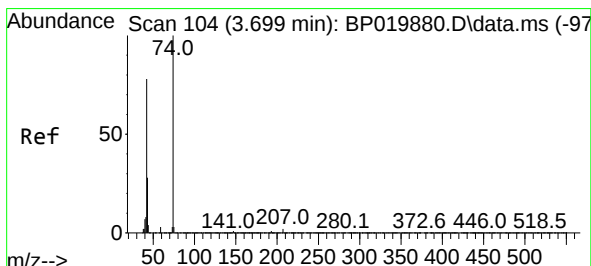
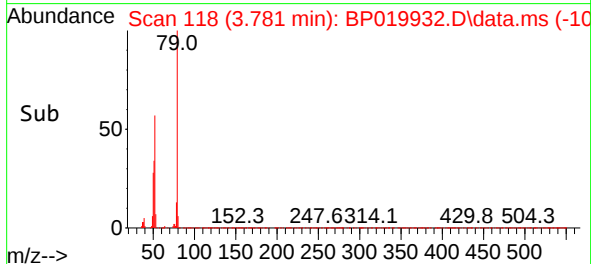
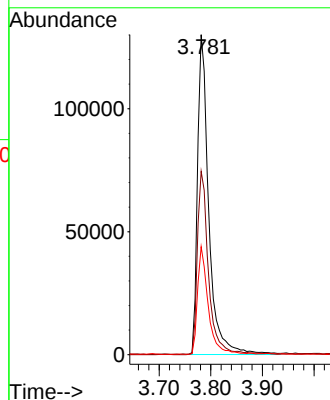
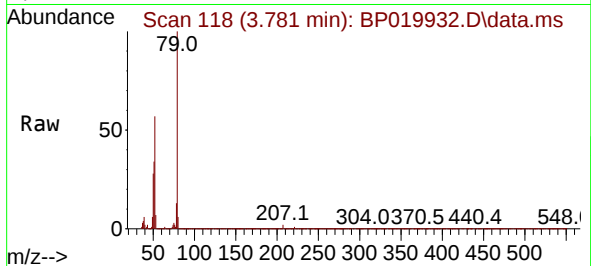




#3
Pyridine
Concen: 29.942 ng
RT: 3.781 min Scan# 117
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

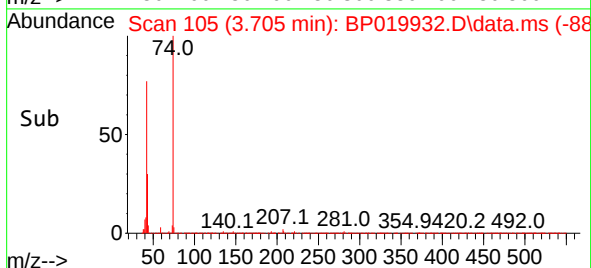
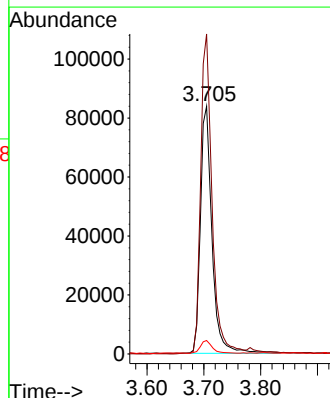
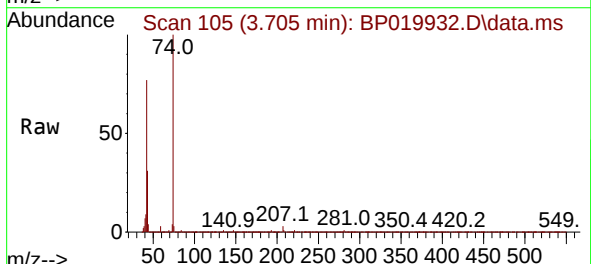
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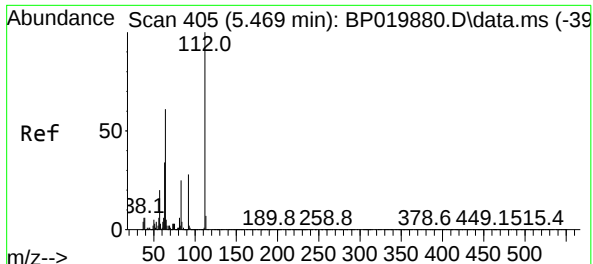
Tgt Ion: 79 Resp: 196561
Ion Ratio Lower Upper
79 100
52 57.3 47.8 71.8
51 33.8 26.2 39.2



#4
n-Nitrosodimethylamine
Concen: 43.906 ng
RT: 3.705 min Scan# 105
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion: 42 Resp: 118774
Ion Ratio Lower Upper
42 100
74 129.2 103.0 154.4
44 5.5 4.6 6.8

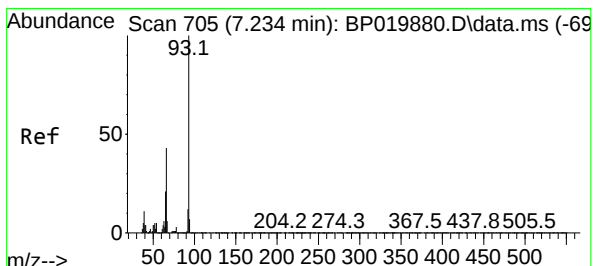
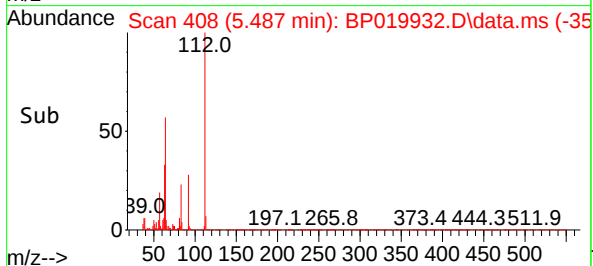
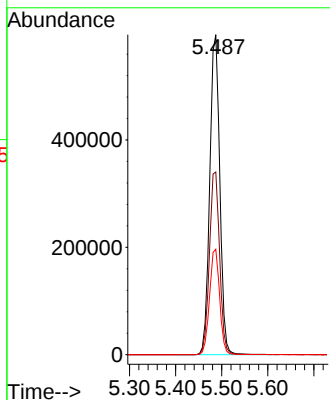
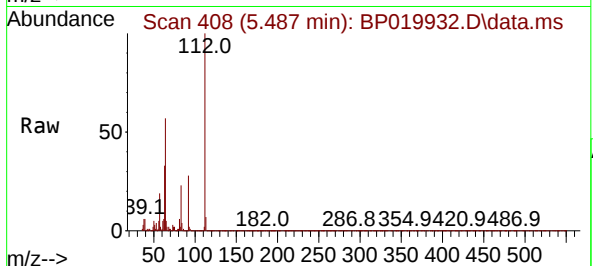




#5
2-Fluorophenol
Concen: 145.784 ng
RT: 5.487 min Scan# 405
Delta R.T. 0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

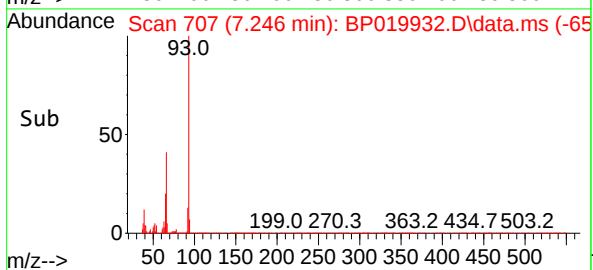
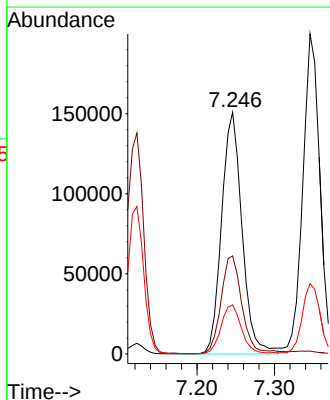
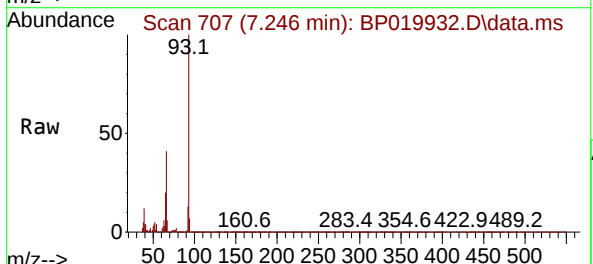
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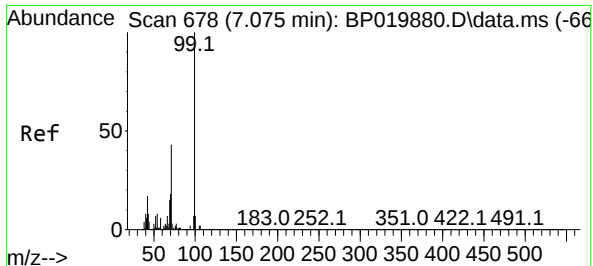
Tgt Ion:112 Resp: 904640
Ion Ratio Lower Upper
112 100
64 57.1 49.0 73.6
63 32.9 27.6 41.4



#6
Aniline
Concen: 24.382 ng
RT: 7.246 min Scan# 707
Delta R.T. 0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion: 93 Resp: 276339
Ion Ratio Lower Upper
93 100
66 40.6 34.5 51.7
65 20.3 16.5 24.7

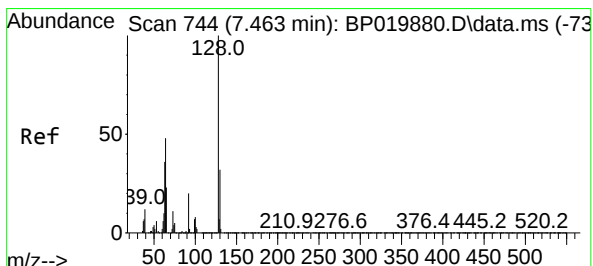
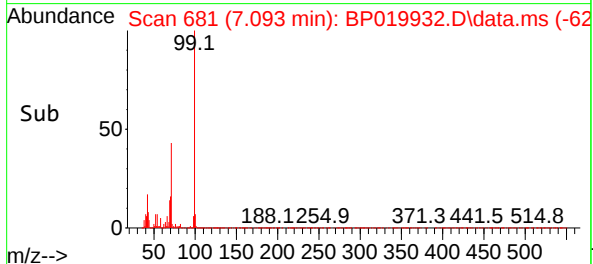
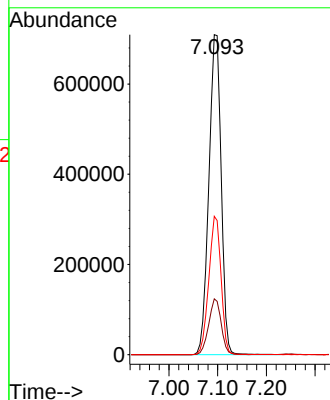
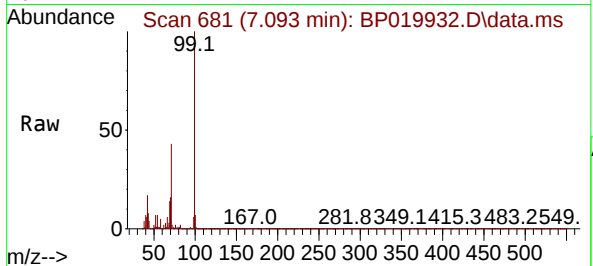




#7
Phenol-d6
Concen: 134.325 ng
RT: 7.093 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

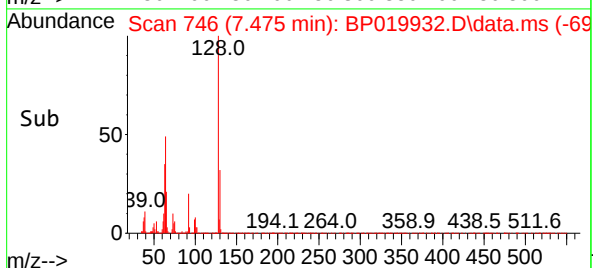
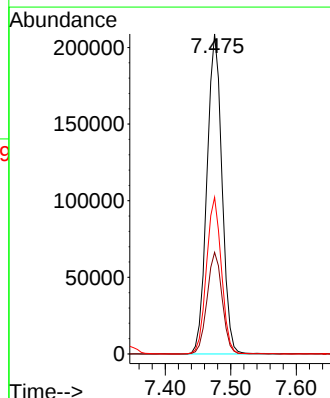
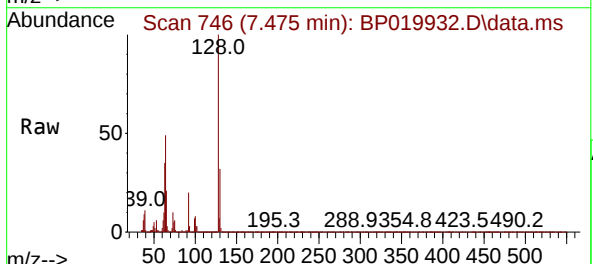
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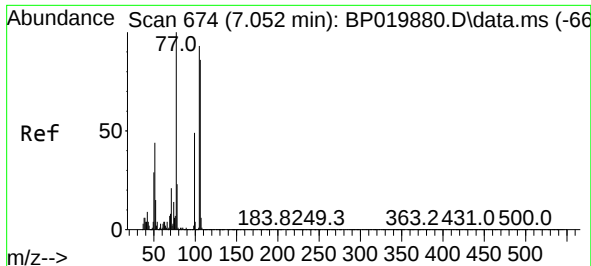
Tgt Ion: 99 Resp: 1241012
Ion Ratio Lower Upper
99 100
42 17.4 13.8 20.8
71 43.3 34.5 51.7



#8
2-Chlorophenol
Concen: 49.771 ng
RT: 7.475 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion: 128 Resp: 333042
Ion Ratio Lower Upper
128 100
130 31.7 12.3 52.3
64 49.0 29.2 69.2

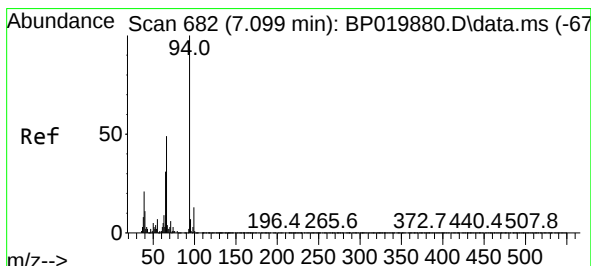
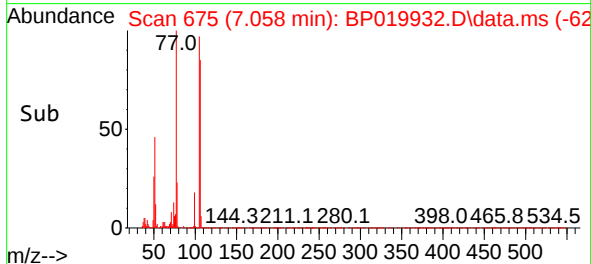
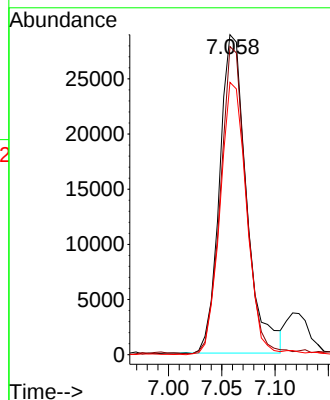
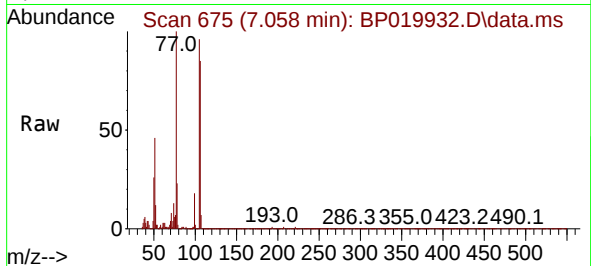




#9
Benzaldehyde
Concen: 9.629 ng
RT: 7.058 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019932.D
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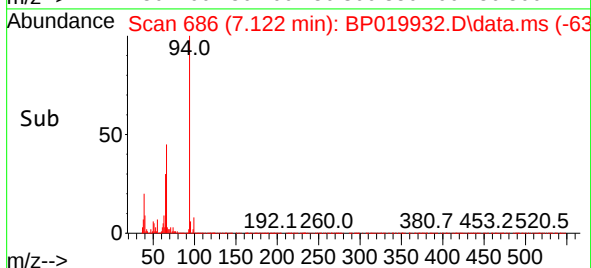
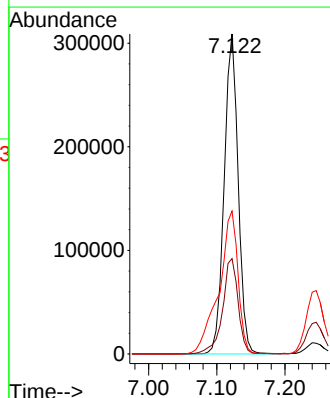
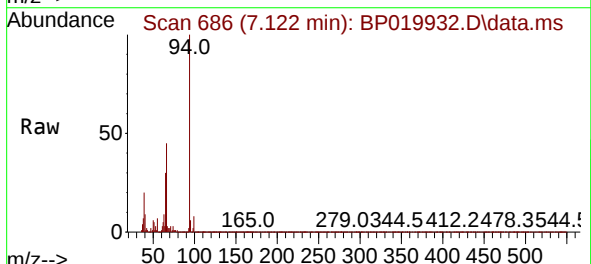
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Tgt Ion: 77 Resp: 50776
Ion Ratio Lower Upper
77 100
105 96.3 73.2 113.2
106 85.1 66.3 106.3



#10
Phenol
Concen: 47.854 ng
RT: 7.122 min Scan# 686
Delta R.T. 0.006 min
Lab File: BP019932.D
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Tgt Ion: 94 Resp: 440859
Ion Ratio Lower Upper
94 100
65 29.8 11.5 51.5
66 44.6 29.2 69.2

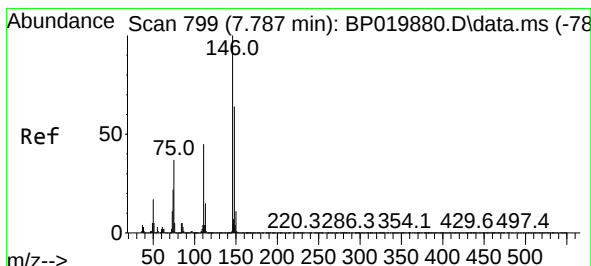
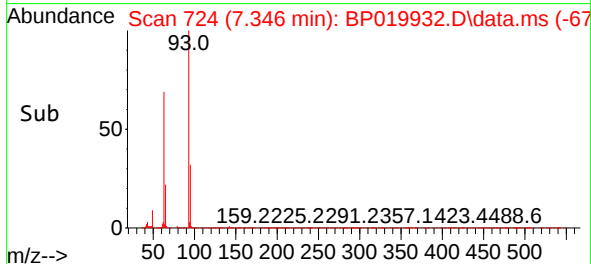
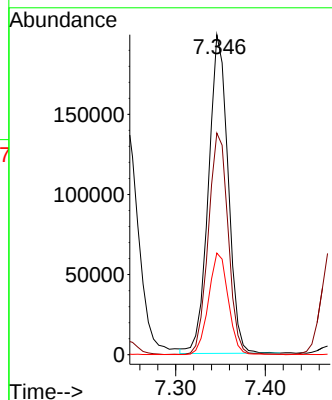
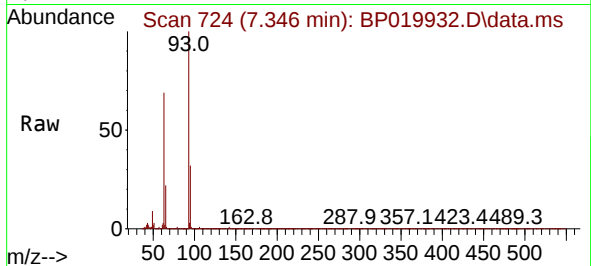




#11
bis(2-Chloroethyl)ether
Concen: 41.691 ng
RT: 7.346 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

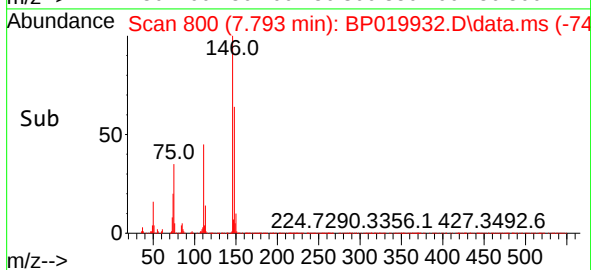
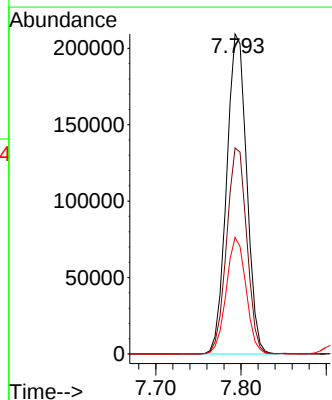
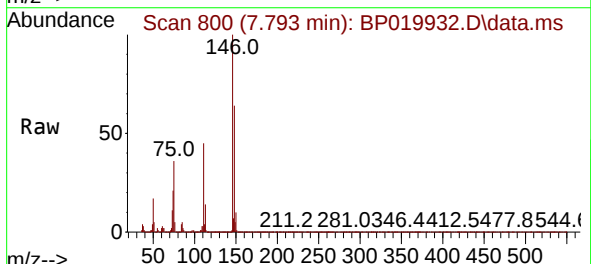
Instrument :
BNA_P
ClientSampleId :
PB159345BS

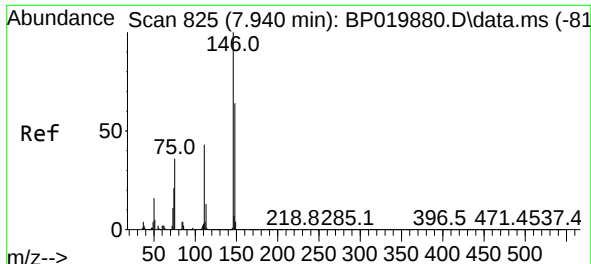
Tgt Ion: 93 Resp: 302499
Ion Ratio Lower Upper
93 100
63 69.3 52.0 92.0
95 31.8 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 47.111 ng
RT: 7.793 min Scan# 800
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:146 Resp: 342267
Ion Ratio Lower Upper
146 100
148 64.4 51.3 76.9
75 36.4 29.8 44.8

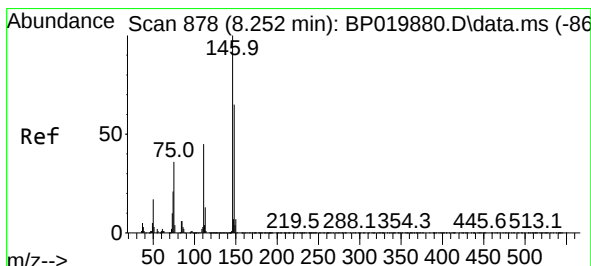
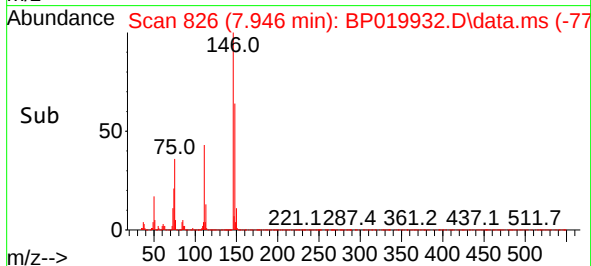
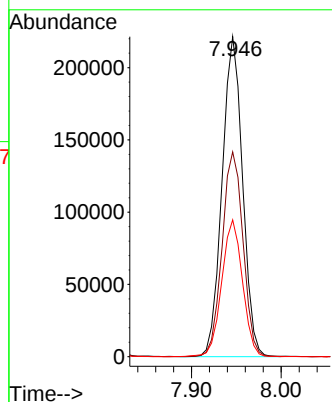
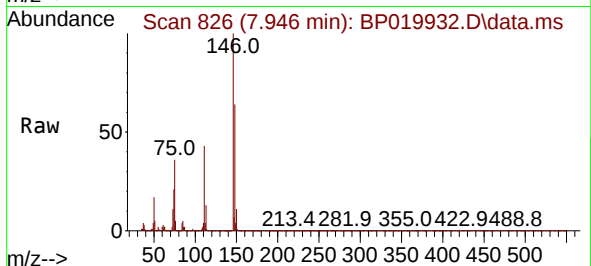




#13
1,4-Dichlorobenzene
Concen: 47.696 ng
RT: 7.946 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

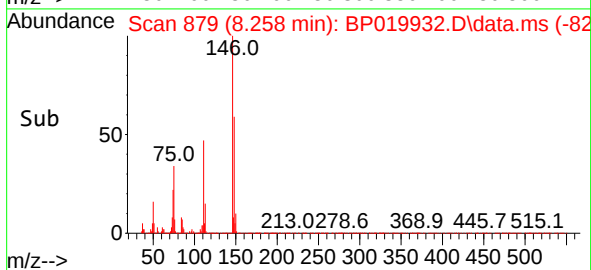
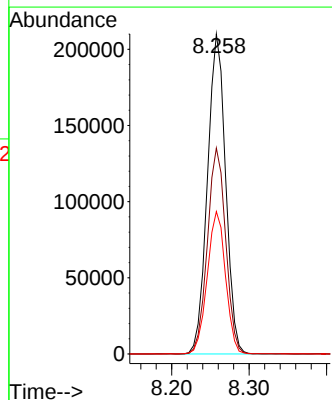
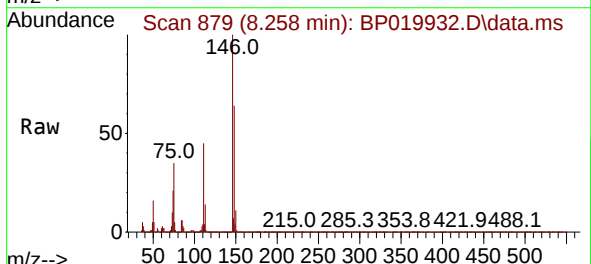
Instrument :
BNA_P
ClientSampleId :
PB159345BS

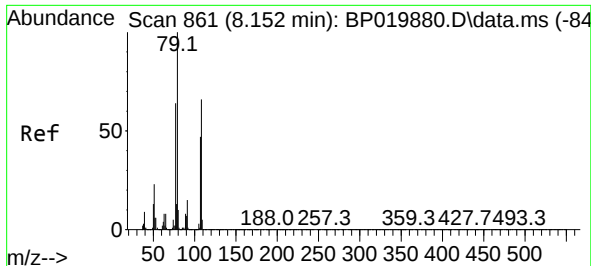
Tgt Ion:146 Resp: 350894
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.6
111 42.8 34.6 52.0



#14
1,2-Dichlorobenzene
Concen: 46.353 ng
RT: 8.258 min Scan# 879
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:146 Resp: 342086
Ion Ratio Lower Upper
146 100
148 64.3 51.7 77.5
111 44.5 35.9 53.9

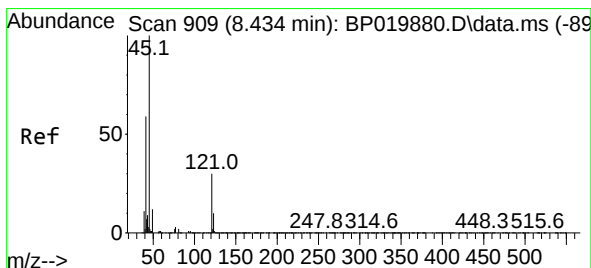
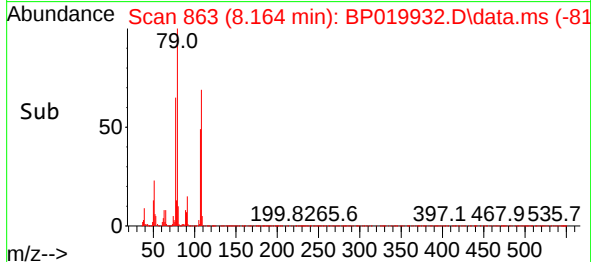
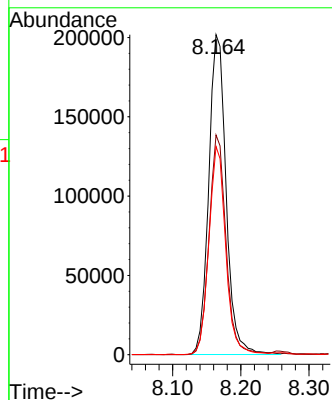
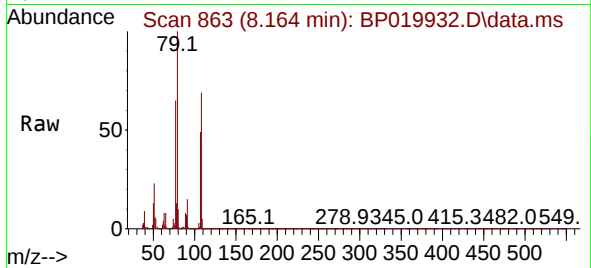




#15
Benzyl Alcohol
Concen: 43.843 ng
RT: 8.164 min Scan# 863
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

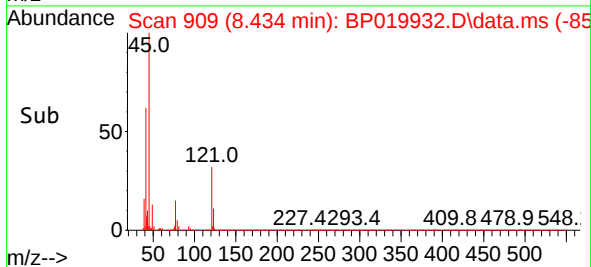
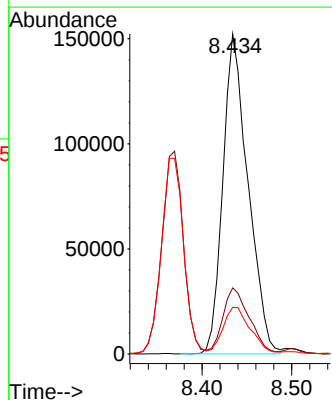
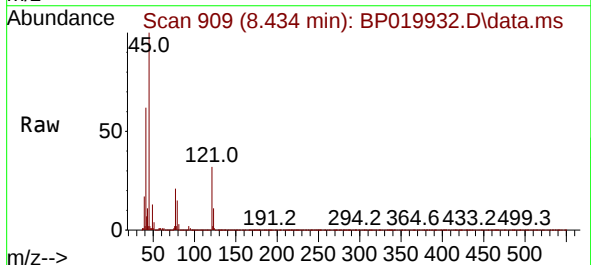
Instrument :
BNA_P
ClientSampleId :
PB159345BS

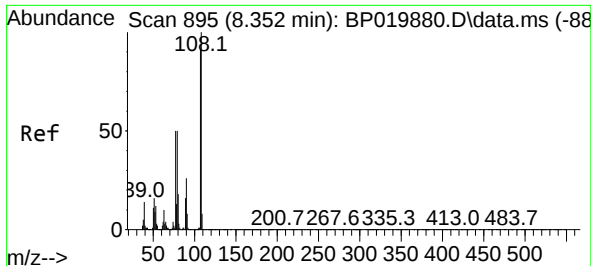
Tgt Ion: 79 Resp: 357347
Ion Ratio Lower Upper
79 100
108 68.6 52.5 78.7
77 65.0 51.0 76.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.213 ng
RT: 8.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion: 45 Resp: 296030
Ion Ratio Lower Upper
45 100
77 20.7 0.8 40.8
79 14.6 0.0 34.7

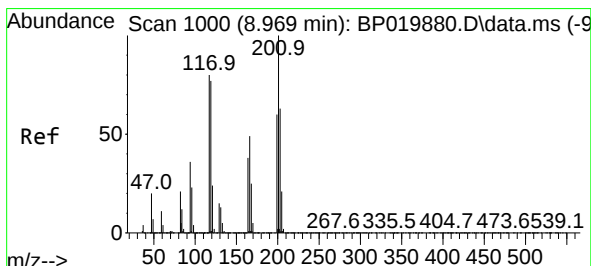
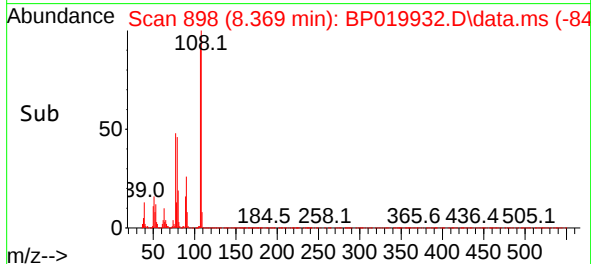
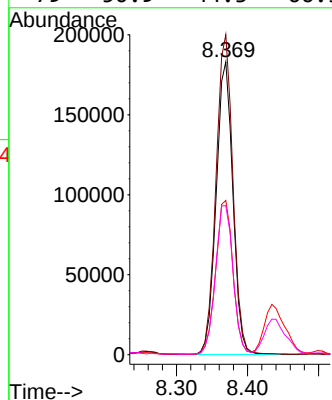
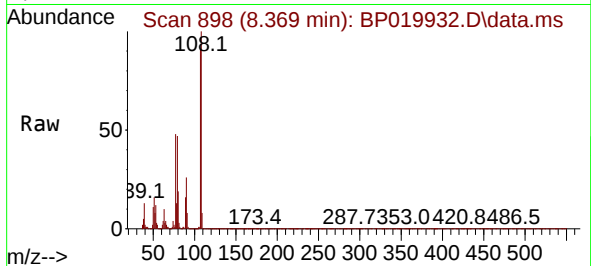




#17
2-Methylphenol
Concen: 43.187 ng
RT: 8.369 min Scan# 895
Delta R.T. 0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

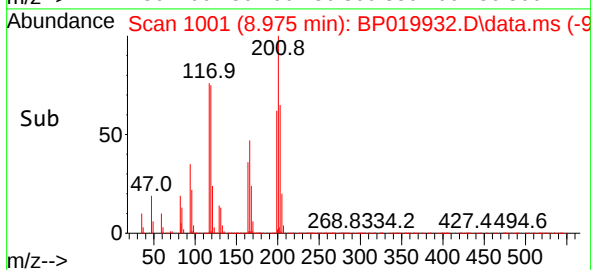
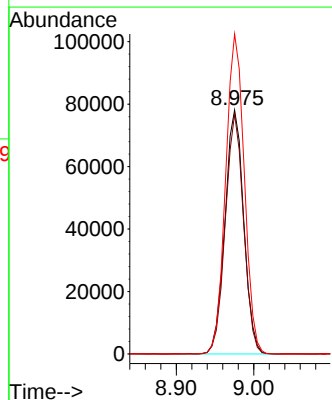
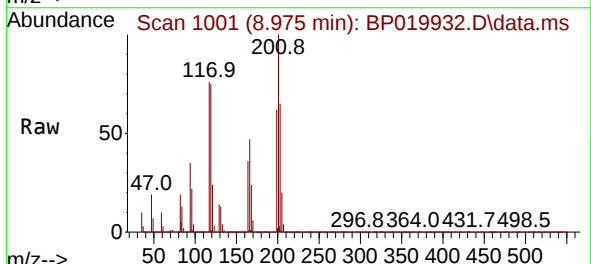
Instrument :
BNA_P
ClientSampleId :
PB159345BS

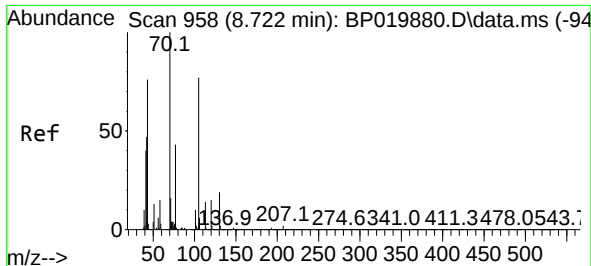
Tgt Ion:	107	Resp:	297554
Ion	Ratio	Lower	Upper
107	100		
108	109.3	88.4	132.6
77	52.7	43.8	65.8
79	50.9	44.3	66.5



#18
Hexachloroethane
Concen: 46.232 ng
RT: 8.975 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:	117	Resp:	131800
Ion	Ratio	Lower	Upper
117	100		
119	98.3	76.9	115.3
201	131.2	99.6	149.4



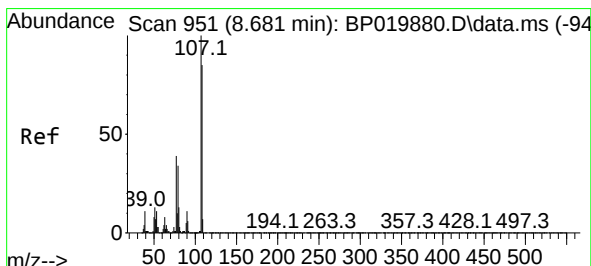
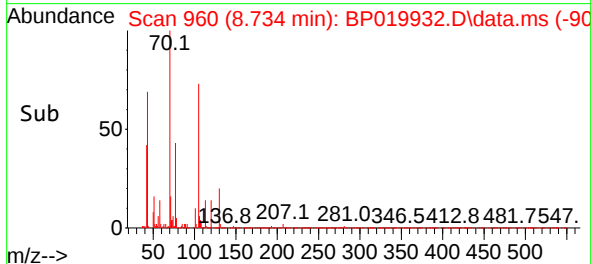
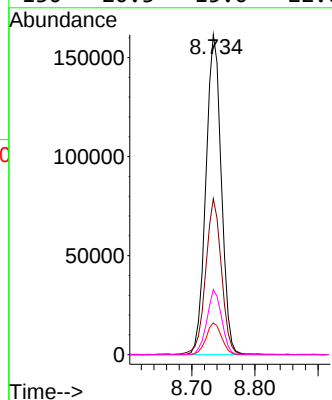
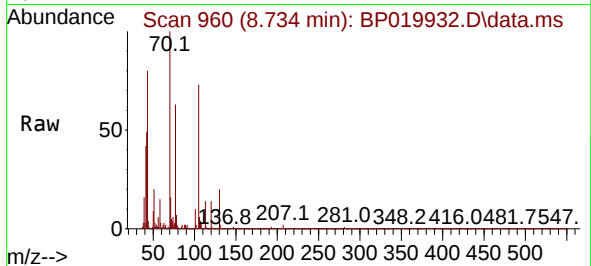


#19
n-Nitroso-di-n-propylamine
Concen: 39.251 ng
RT: 8.734 min Scan# 90
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Instrument :
BNA_P
ClientSampleId :
PB159345BS

Tgt Ion: 70 Resp: 273951

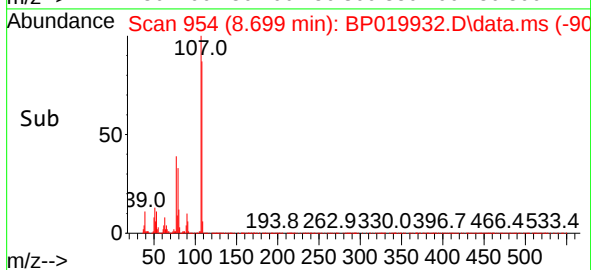
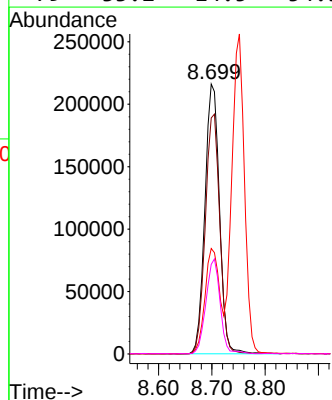
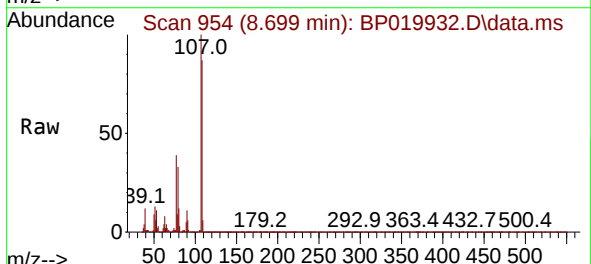
Ion	Ratio	Lower	Upper
70	100		
42	48.7	38.2	57.2
101	10.0	8.0	12.0
130	20.3	15.0	22.6

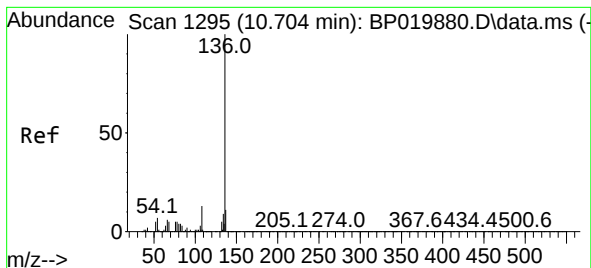


#20
3+4-Methylphenols
Concen: 41.419 ng
RT: 8.699 min Scan# 954
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion: 107 Resp: 410046

Ion	Ratio	Lower	Upper
107	100		
108	87.4	64.8	104.8
77	39.0	18.8	58.8
79	33.2	14.5	54.5

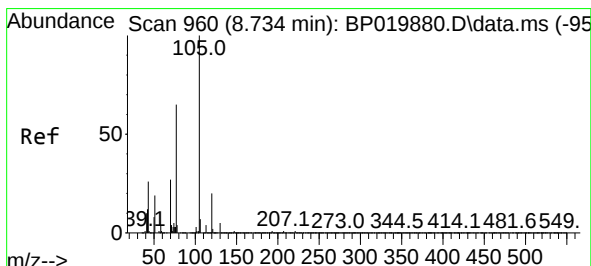
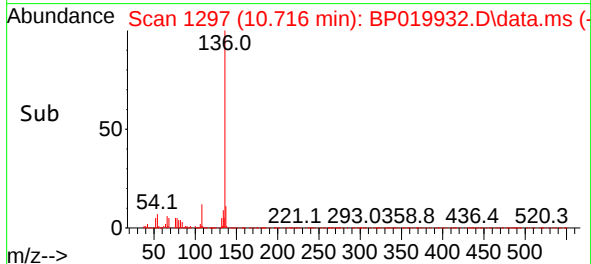
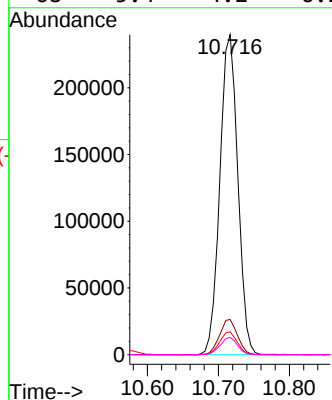
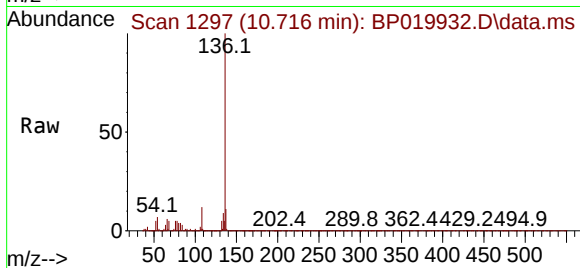




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.716 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

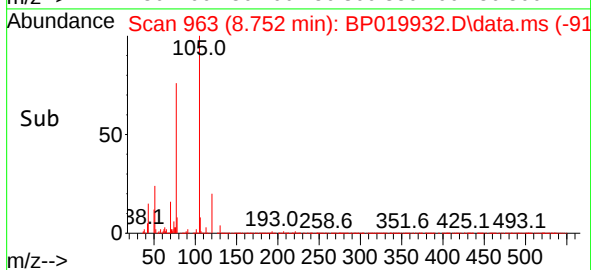
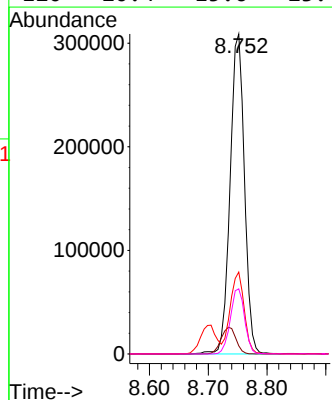
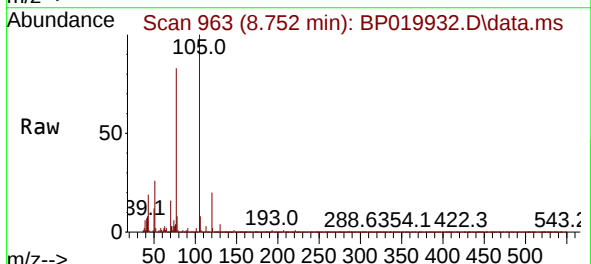
Instrument :
BNA_P
ClientSampleId :
PB159345BS

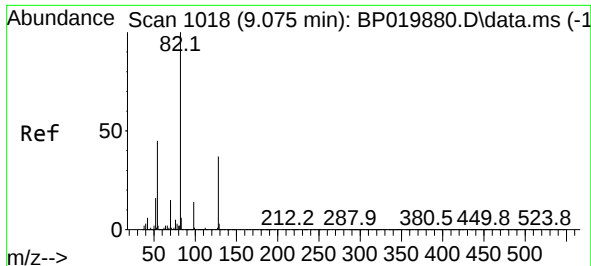
Tgt Ion:	136	Resp:	419490
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.2	6.0	9.0
68	5.4	4.2	6.2



#22
Acetophenone
Concen: 40.155 ng
RT: 8.752 min Scan# 963
Delta R.T. 0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:	105	Resp:	523156
Ion	Ratio	Lower	Upper
105	100		
71	2.6	3.7	5.5
51	25.6	20.5	30.7
120	20.4	15.6	23.4

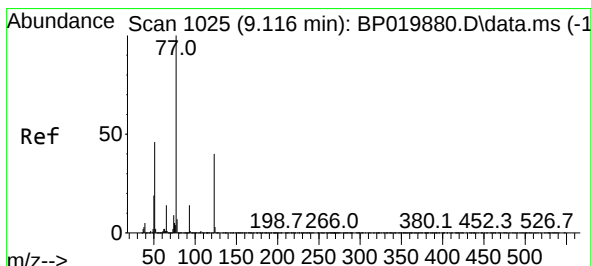
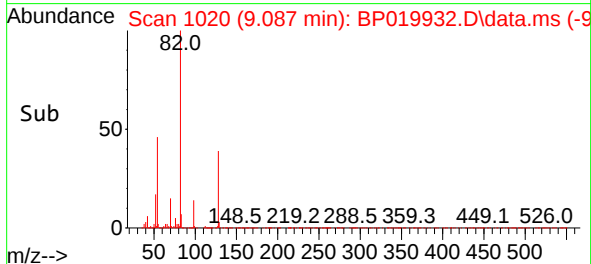
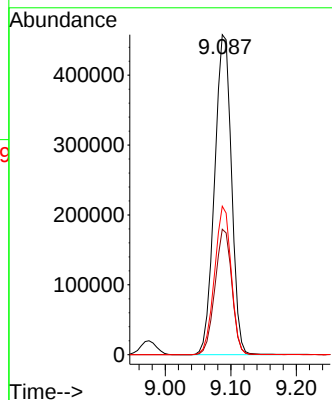
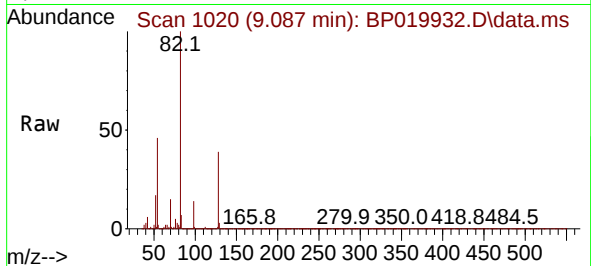




#23
Nitrobenzene-d5
Concen: 78.833 ng
RT: 9.087 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

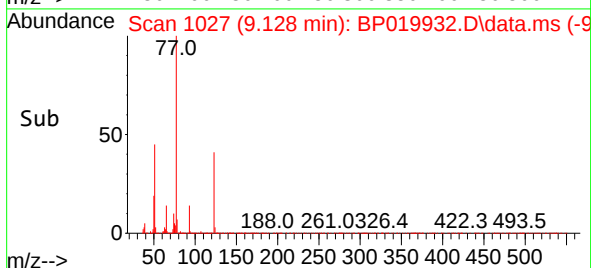
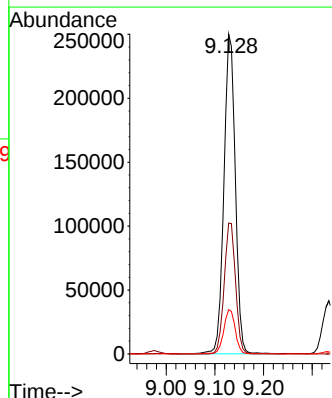
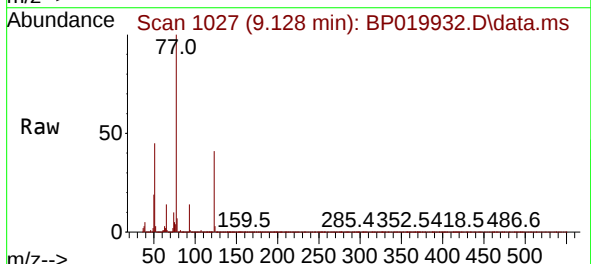
Instrument :
BNA_P
ClientSampleId :
PB159345BS

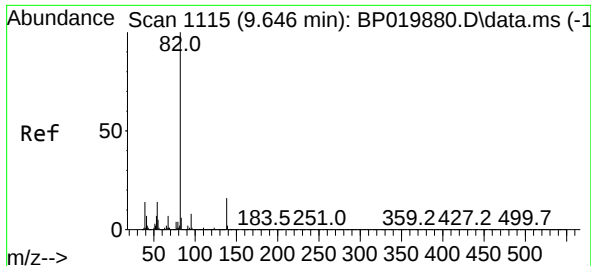
Tgt Ion: 82 Resp: 819140
Ion Ratio Lower Upper
82 100
128 39.2 29.6 44.4
54 46.4 36.3 54.5



#24
Nitrobenzene
Concen: 40.608 ng
RT: 9.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion: 77 Resp: 408500
Ion Ratio Lower Upper
77 100
123 40.9 31.8 47.6
65 13.9 11.0 16.6

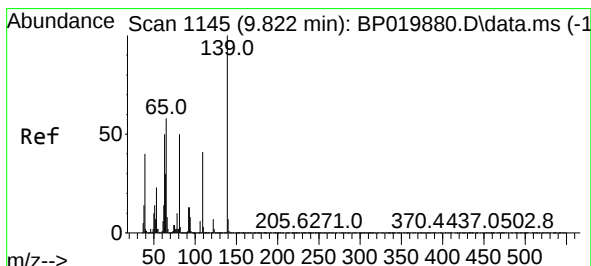
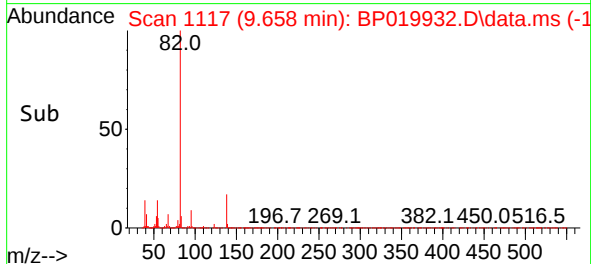
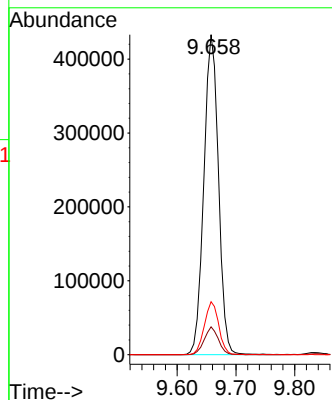
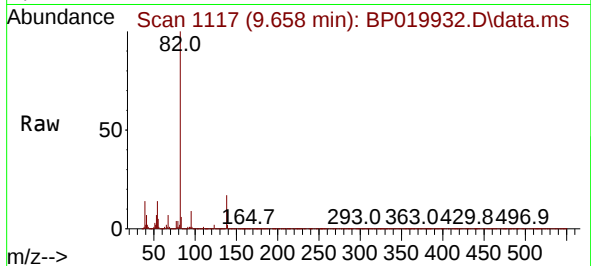




#25
Isophorone
Concen: 41.330 ng
RT: 9.658 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

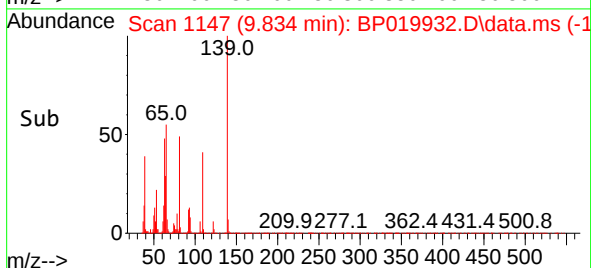
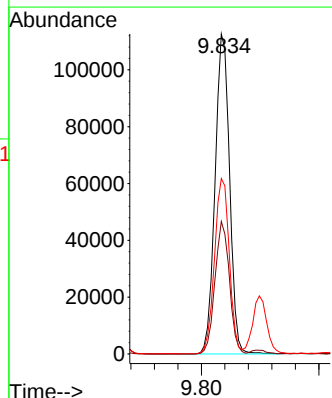
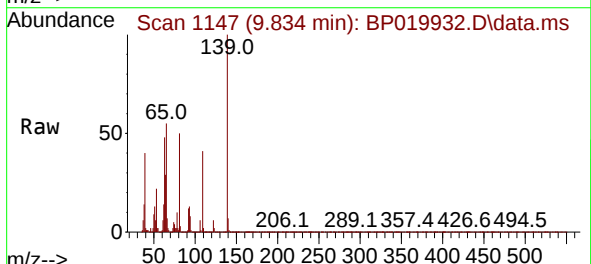
Instrument :
BNA_P
ClientSampleId :
PB159345BS

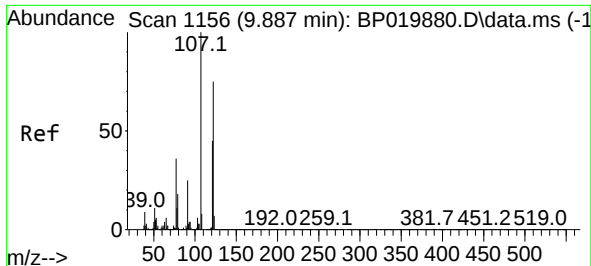
Tgt Ion: 82 Resp: 747480
Ion Ratio Lower Upper
82 100
95 8.7 6.6 10.0
138 16.6 12.8 19.2



#26
2-Nitrophenol
Concen: 47.959 ng
RT: 9.834 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion: 139 Resp: 193042
Ion Ratio Lower Upper
139 100
109 41.4 32.9 49.3
65 54.8 46.7 70.1

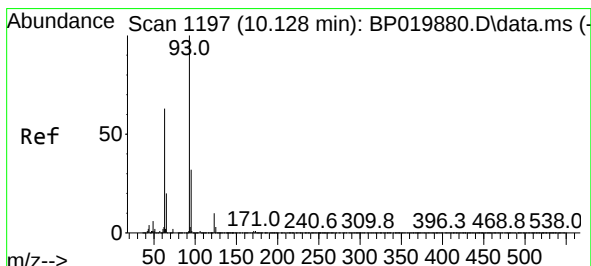
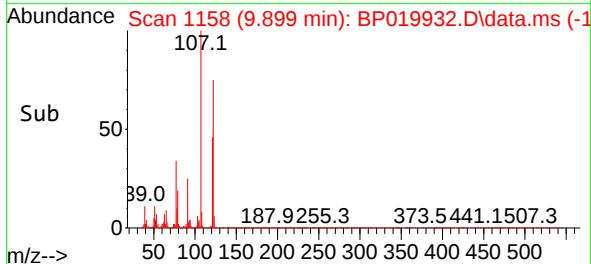
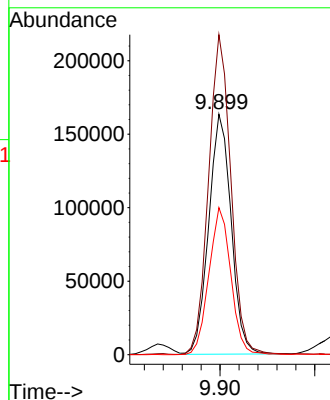
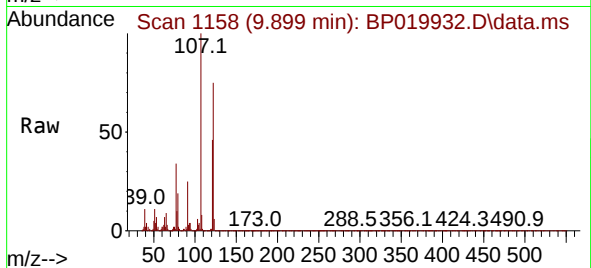




#27
2,4-Dimethylphenol
Concen: 40.405 ng
RT: 9.899 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

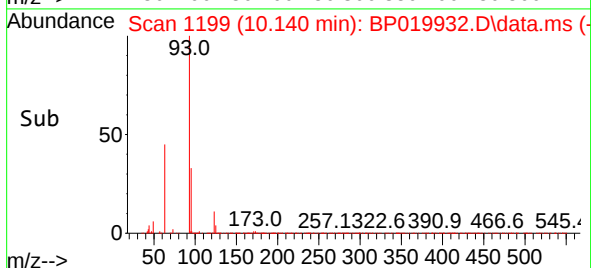
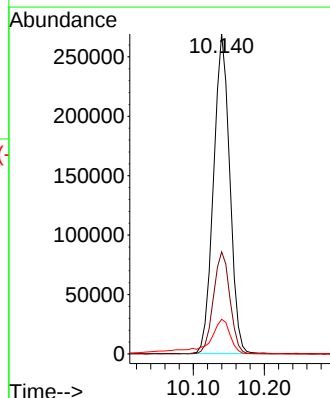
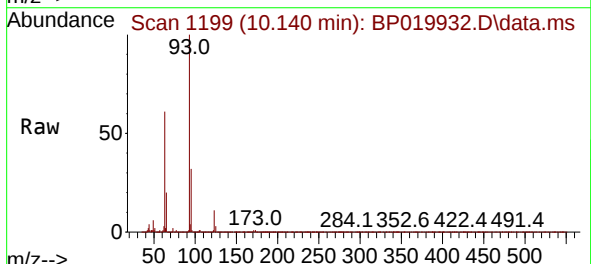
Instrument :
BNA_P
ClientSampleId :
PB159345BS

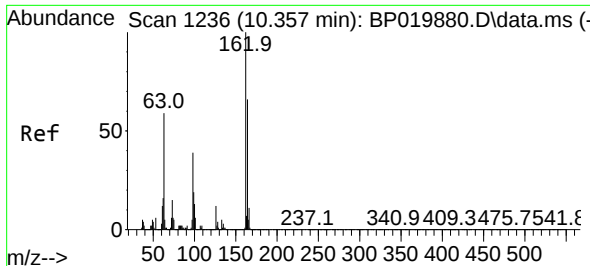
Tgt Ion:122 Resp: 268488
Ion Ratio Lower Upper
122 100
107 133.1 105.7 158.5
121 61.2 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 42.284 ng
RT: 10.140 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion: 93 Resp: 426776
Ion Ratio Lower Upper
93 100
95 31.9 25.8 38.8
123 10.8 7.8 11.6





#29

2,4-Dichlorophenol

Concen: 50.299 ng

RT: 10.375 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP019932.D

Acq: 29 Feb 2024 12:15

Instrument :

BNA_P

ClientSampleId :

PB159345BS

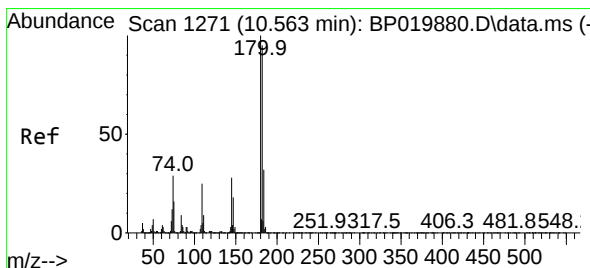
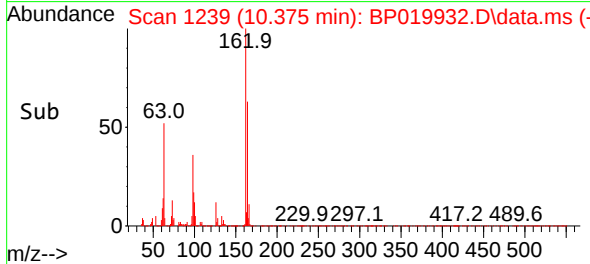
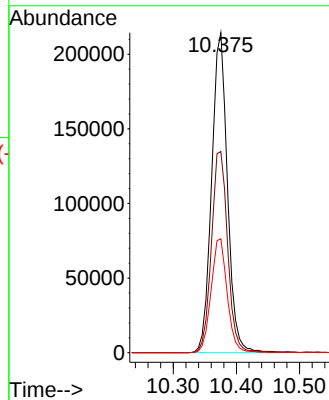
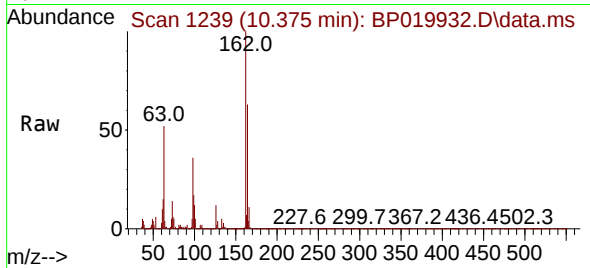
Tgt Ion:162 Resp: 372805

Ion Ratio Lower Upper

162 100

164 62.9 45.8 85.8

98 35.6 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 47.535 ng

RT: 10.575 min Scan# 1273

Delta R.T. -0.006 min

Lab File: BP019932.D

Acq: 29 Feb 2024 12:15

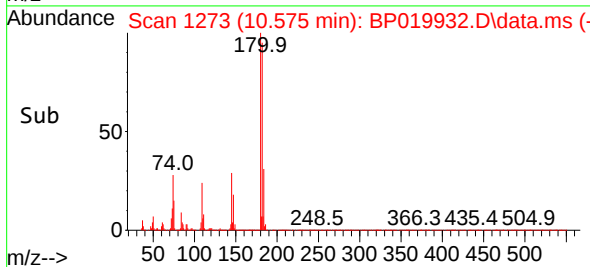
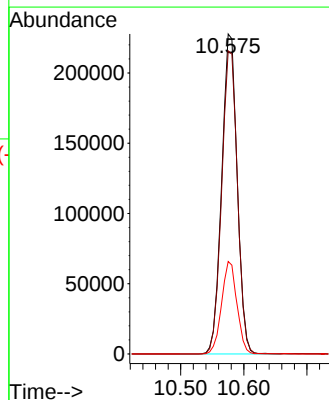
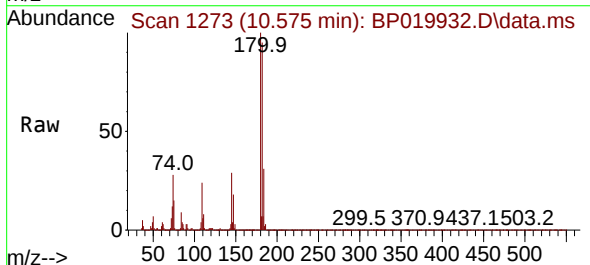
Tgt Ion:180 Resp: 387061

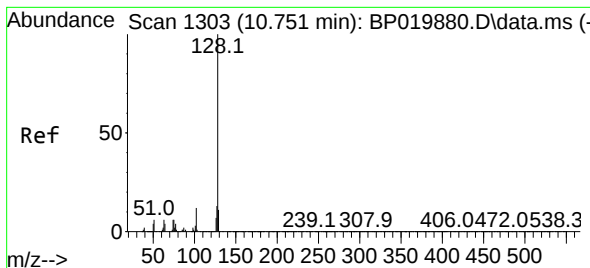
Ion Ratio Lower Upper

180 100

182 94.7 75.7 113.5

145 28.9 22.8 34.2

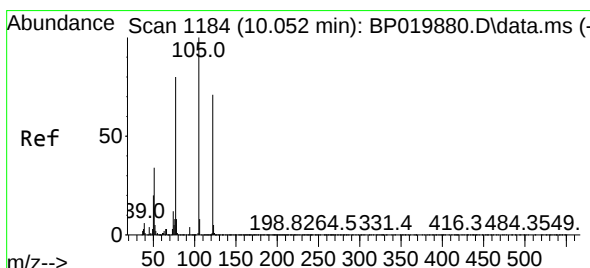
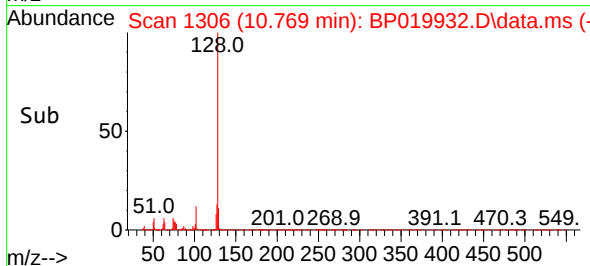
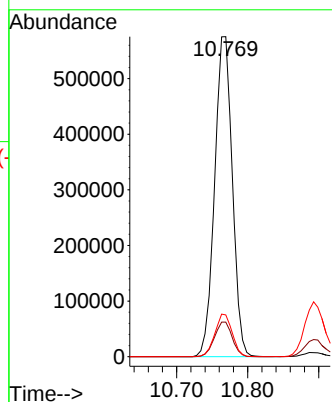
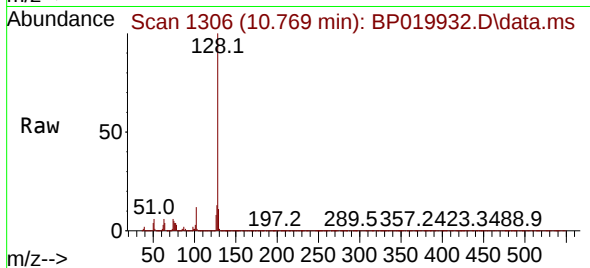




#31
Naphthalene
Concen: 44.313 ng
RT: 10.769 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

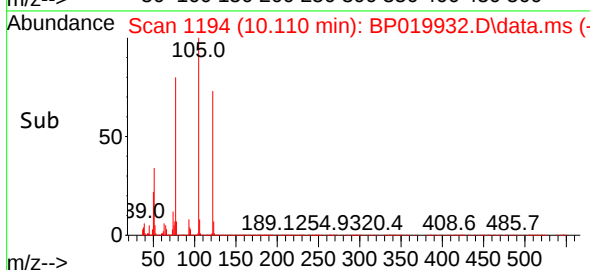
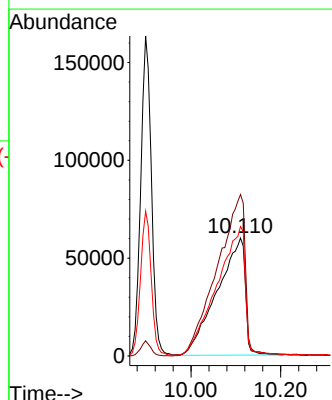
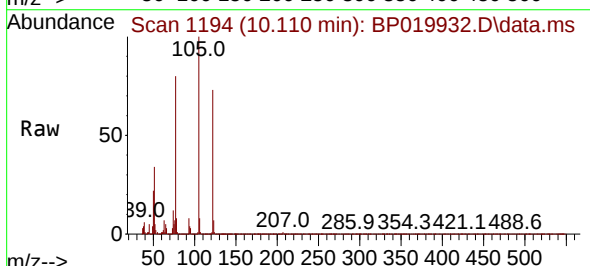
Instrument :
BNA_P
ClientSampleId :
PB159345BS

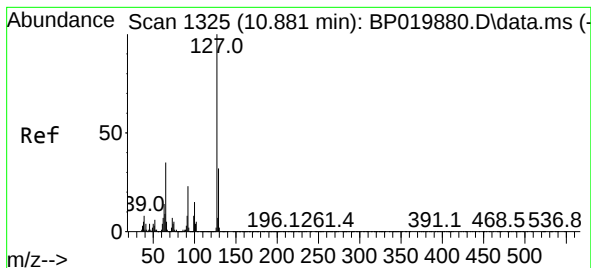
Tgt Ion:128 Resp: 995300
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.0 10.2 15.2



#32
Benzoic acid
Concen: 46.137 ng
RT: 10.110 min Scan# 1194
Delta R.T. 0.018 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:122 Resp: 259743
Ion Ratio Lower Upper
122 100
105 136.9 120.8 160.8
77 109.7 93.5 133.5





#33

4-Chloroaniline

Concen: 19.341 ng

RT: 10.893 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP019932.D

Acq: 29 Feb 2024 12:15

Instrument :

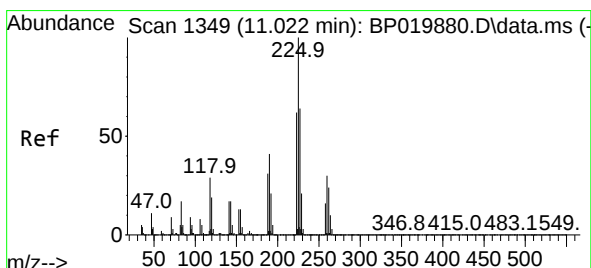
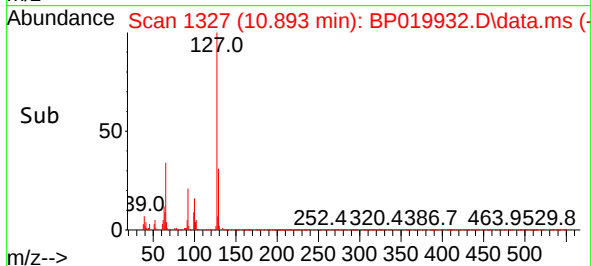
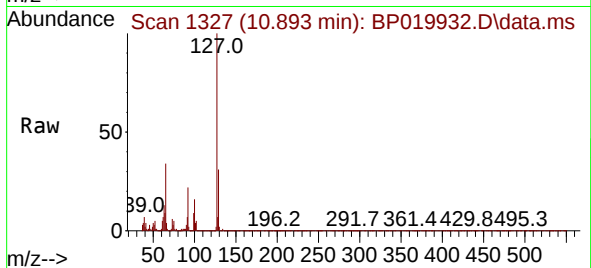
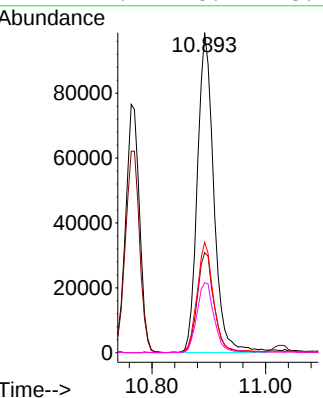
BNA_P

ClientSampleId :

PB159345BS

Tgt Ion:127 Resp: 197358

Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.7	38.5
65	34.5	28.2	42.4
92	21.9	18.7	28.1



#34

Hexachlorobutadiene

Concen: 47.058 ng

RT: 11.028 min Scan# 1350

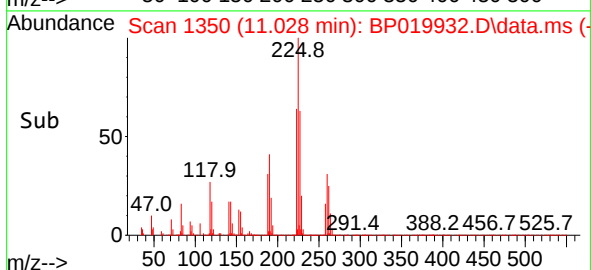
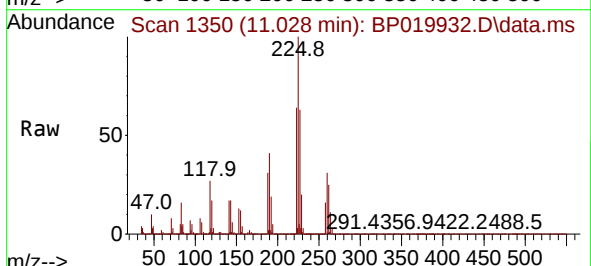
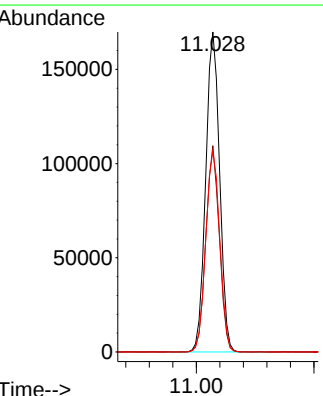
Delta R.T. 0.000 min

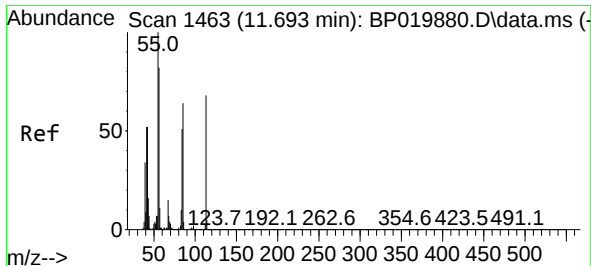
Lab File: BP019932.D

Acq: 29 Feb 2024 12:15

Tgt Ion:225 Resp: 278649

Ion	Ratio	Lower	Upper
225	100		
223	64.4	49.8	74.6
227	62.7	51.1	76.7

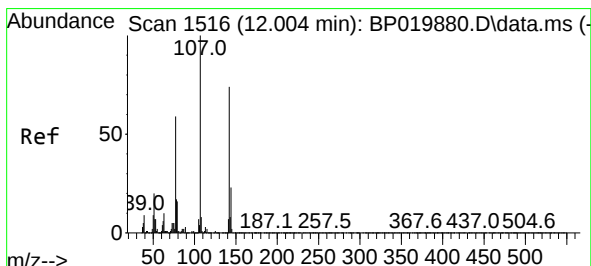
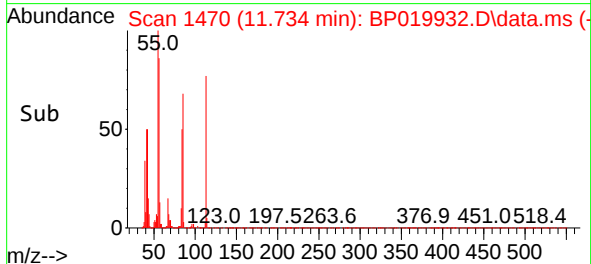
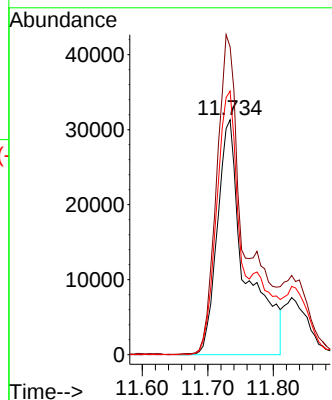
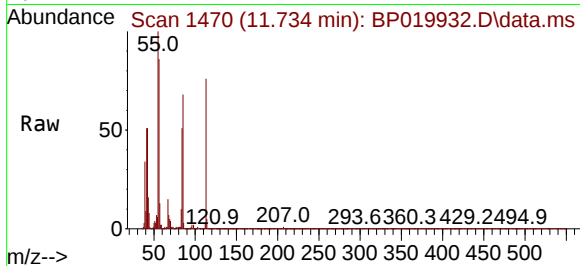




#35
Caprolactam
Concen: 33.922 ng
RT: 11.734 min Scan# 1463
Delta R.T. 0.012 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

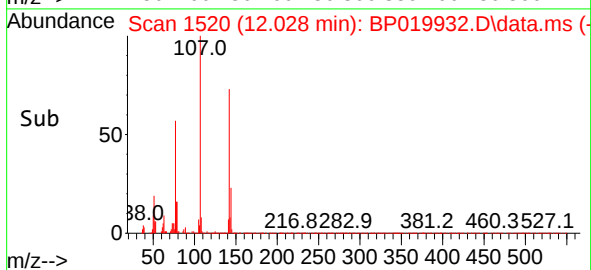
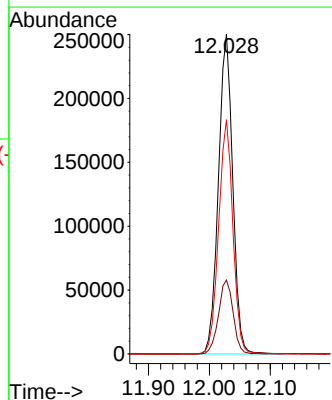
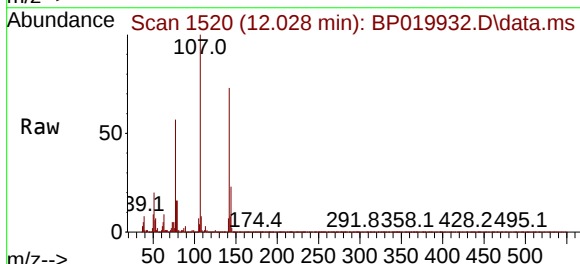
Instrument :
BNA_P
ClientSampleId :
PB159345BS

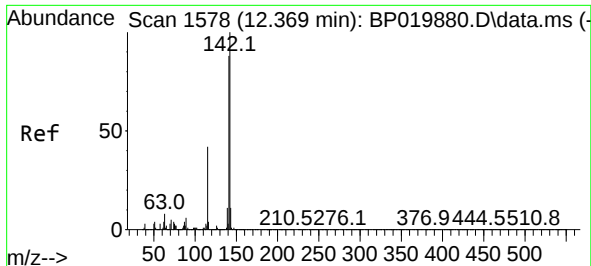
Tgt Ion:113 Resp: 92719
Ion Ratio Lower Upper
113 100
55 131.0 127.6 167.6
56 112.2 100.9 140.9



#36
4-Chloro-3-methylphenol
Concen: 44.651 ng
RT: 12.028 min Scan# 1520
Delta R.T. 0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:107 Resp: 408254
Ion Ratio Lower Upper
107 100
144 23.1 18.6 28.0
142 73.2 58.8 88.2

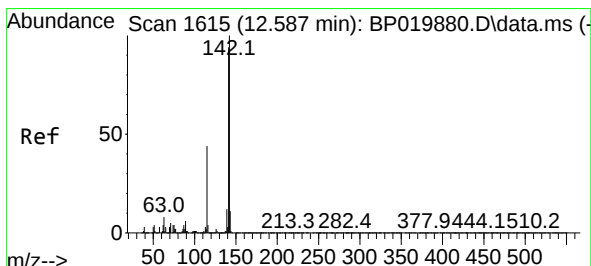
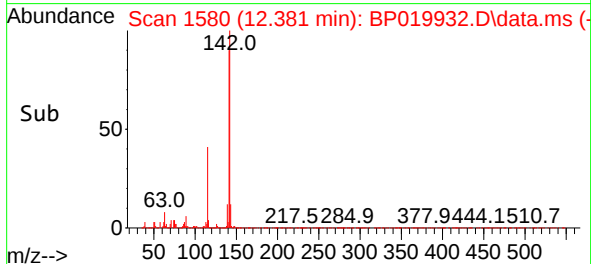
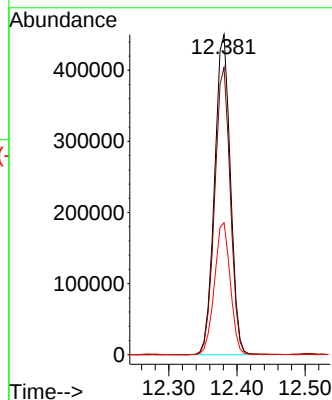
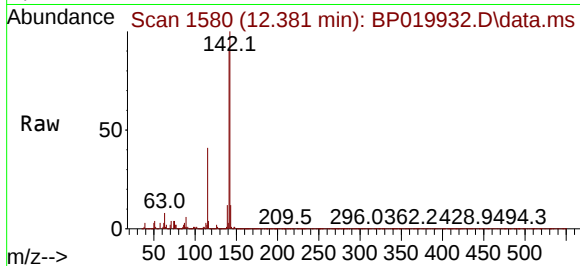




#37
2-Methylnaphthalene
Concen: 41.730 ng
RT: 12.381 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

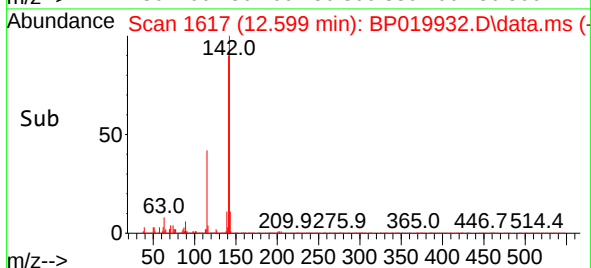
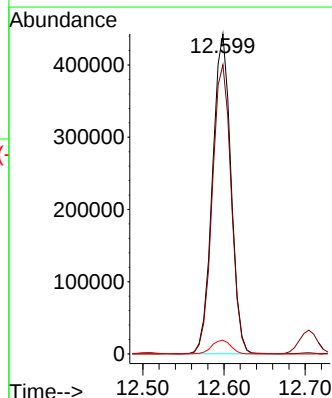
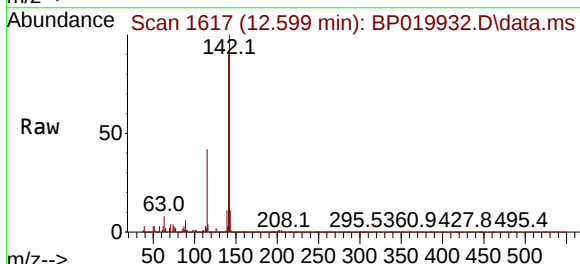
Instrument :
BNA_P
ClientSampleId :
PB159345BS

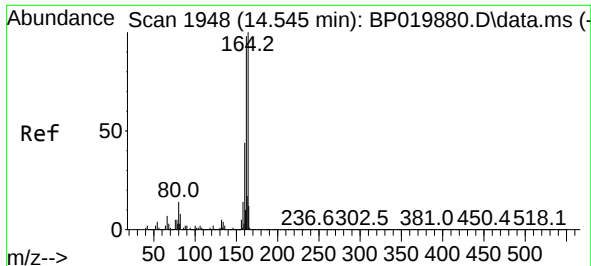
Tgt Ion:142 Resp: 727580
Ion Ratio Lower Upper
142 100
141 89.7 70.0 105.0
115 41.2 33.7 50.5



#38
1-Methylnaphthalene
Concen: 42.319 ng
RT: 12.599 min Scan# 1617
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:142 Resp: 698174
Ion Ratio Lower Upper
142 100
141 90.4 75.5 113.3
116 4.3 3.5 5.3

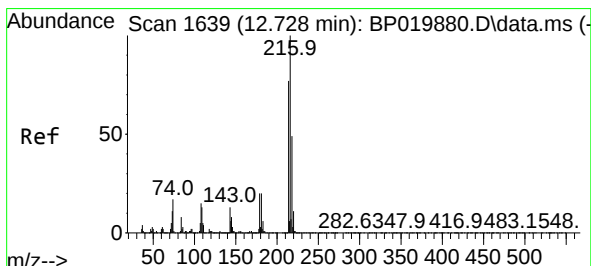
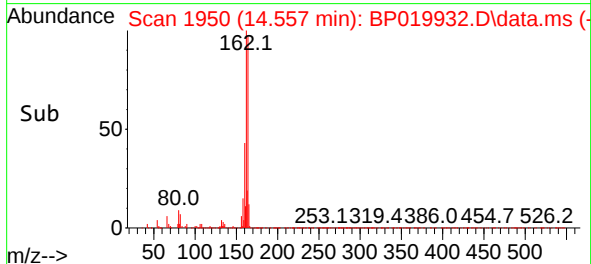
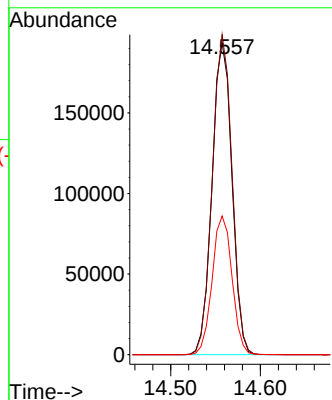
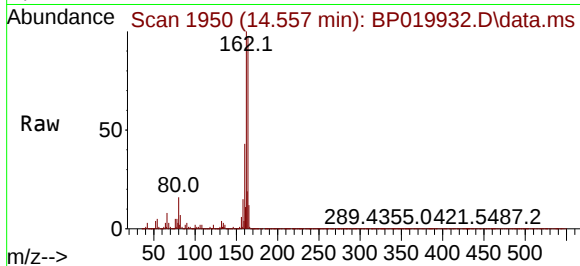




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

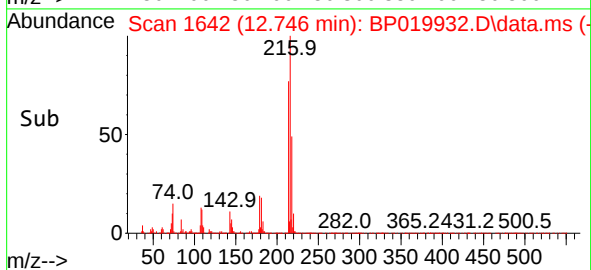
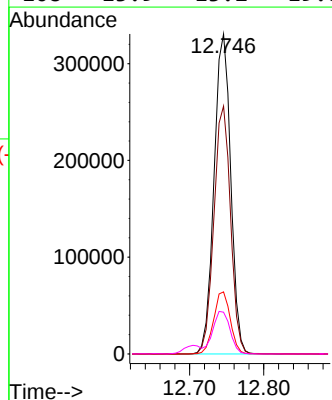
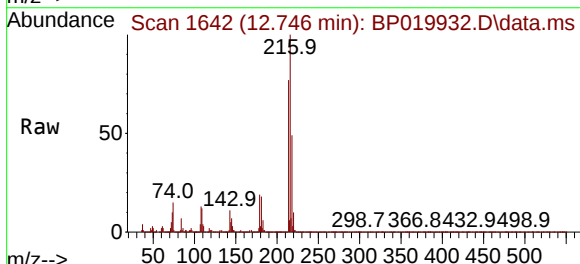
Instrument :
BNA_P
ClientSampleId :
PB159345BS

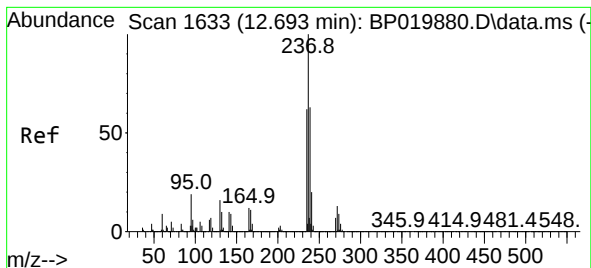
Tgt Ion:164 Resp: 298215
Ion Ratio Lower Upper
164 100
162 102.7 78.1 117.1
160 44.5 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.583 ng
RT: 12.746 min Scan# 1642
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:216 Resp: 515272
Ion Ratio Lower Upper
216 100
214 77.3 62.5 93.7
179 19.5 15.8 23.6
108 13.9 13.2 19.8





#41

Hexachlorocyclopentadiene

Concen: 102.172 ng

RT: 12.704 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP019932.D

Acq: 29 Feb 2024 12:15

Instrument :

BNA_P

ClientSampleId :

PB159345BS

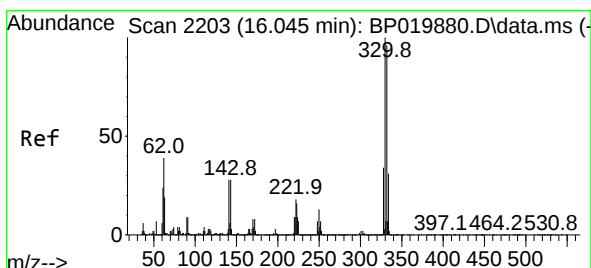
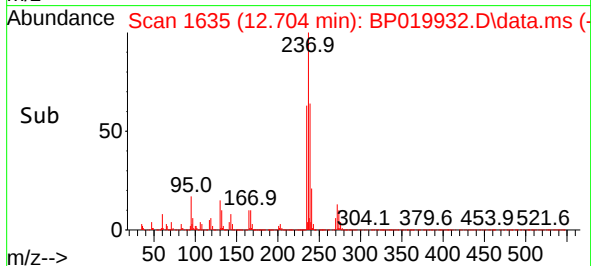
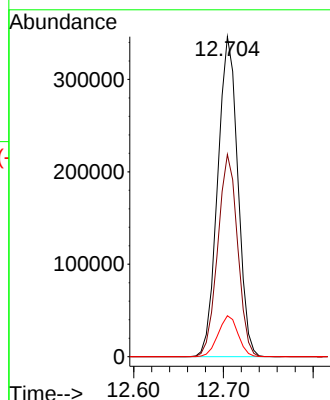
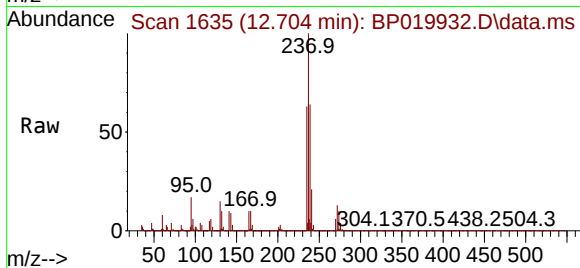
Tgt Ion:237 Resp: 538919

Ion Ratio Lower Upper

237 100

235 63.2 41.5 81.5

272 12.8 0.0 32.5



#42

2,4,6-Tribromophenol

Concen: 147.703 ng

RT: 16.063 min Scan# 2206

Delta R.T. 0.000 min

Lab File: BP019932.D

Acq: 29 Feb 2024 12:15

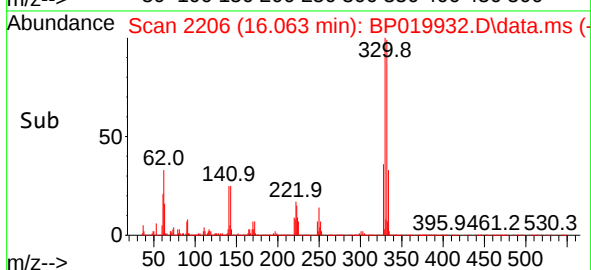
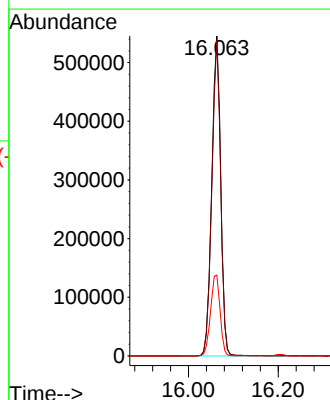
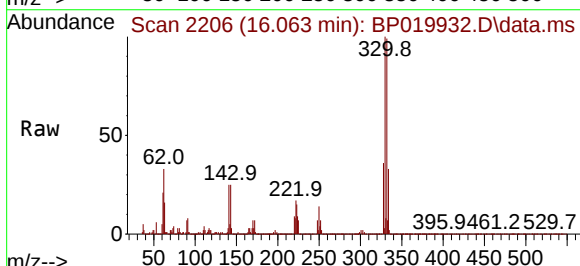
Tgt Ion:330 Resp: 755256

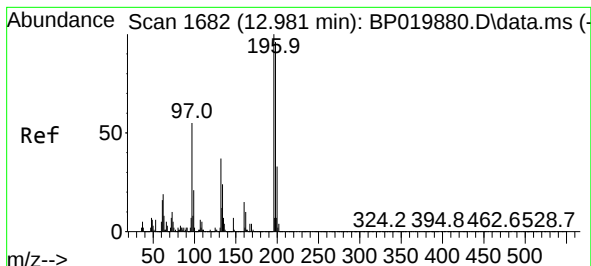
Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.2

141 27.0 24.6 37.0





#43

2,4,6-Trichlorophenol

Concen: 51.562 ng

RT: 12.993 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019932.D

Acq: 29 Feb 2024 12:15

Instrument :

BNA_P

ClientSampleId :

PB159345BS

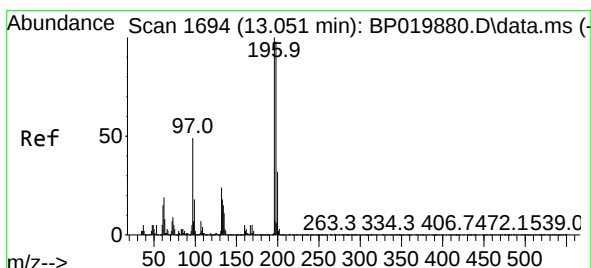
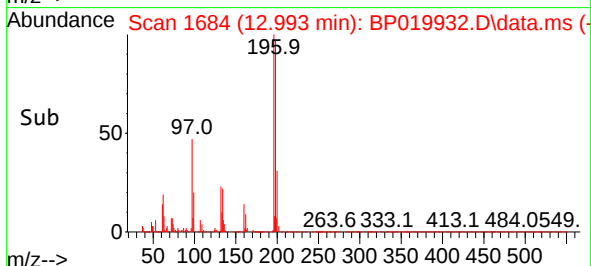
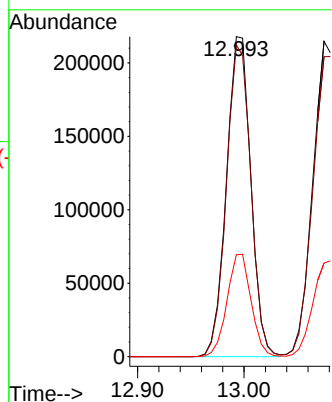
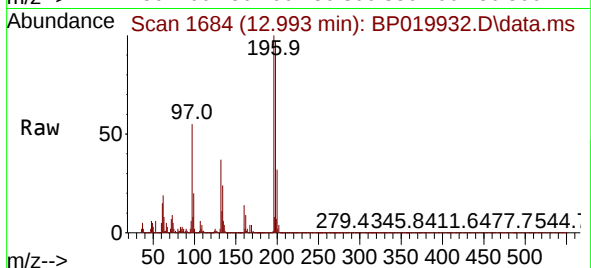
Tgt Ion:196 Resp: 346805

Ion Ratio Lower Upper

196 100

198 97.4 76.5 114.7

200 31.8 26.2 39.4



#44

2,4,5-Trichlorophenol

Concen: 47.738 ng

RT: 13.075 min Scan# 1698

Delta R.T. 0.000 min

Lab File: BP019932.D

Acq: 29 Feb 2024 12:15

Tgt Ion:196 Resp: 382479

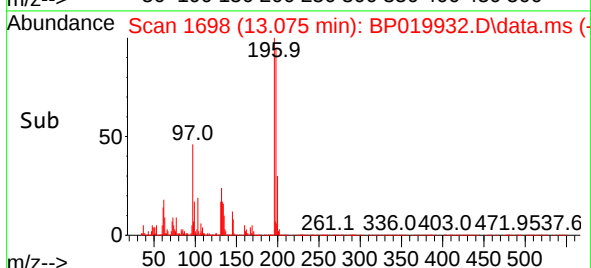
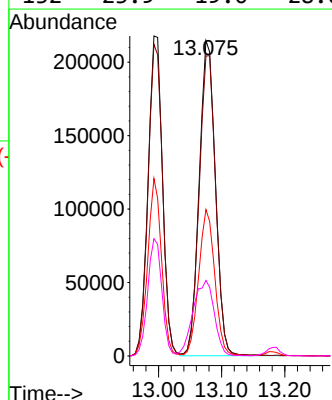
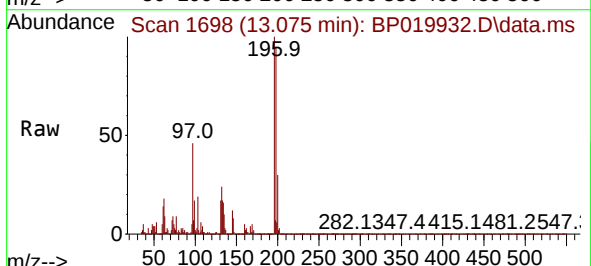
Ion Ratio Lower Upper

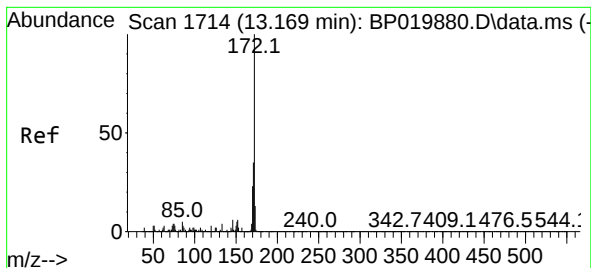
196 100

198 95.2 78.2 117.4

97 46.4 39.4 59.2

132 23.9 19.0 28.6





#45

2-Fluorobiphenyl

Concen: 92.668 ng

RT: 13.181 min Scan# 1716

Delta R.T. 0.000 min

Lab File: BP019932.D

Acq: 29 Feb 2024 12:15

Instrument :

BNA_P

ClientSampleId :

PB159345BS

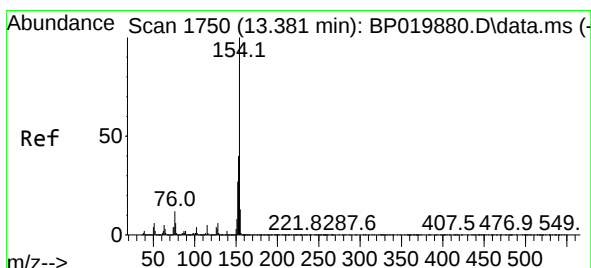
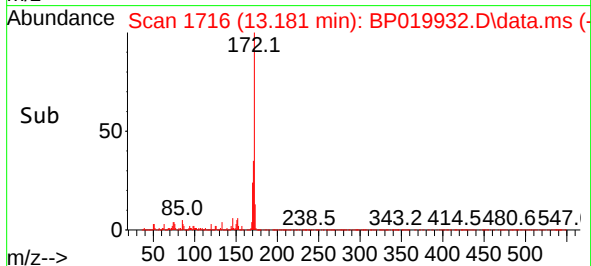
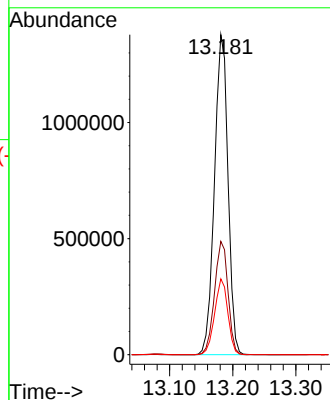
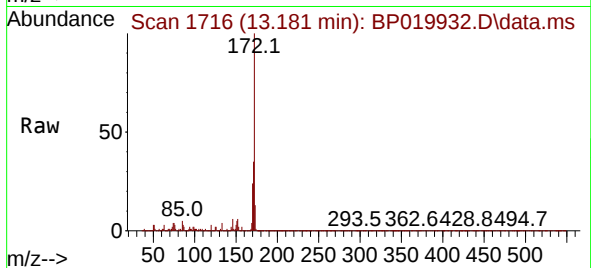
Tgt Ion:172 Resp: 2045356

Ion Ratio Lower Upper

172 100

171 35.4 27.8 41.6

170 23.7 18.4 27.6



#46

1,1'-Biphenyl

Concen: 47.896 ng

RT: 13.393 min Scan# 1752

Delta R.T. 0.000 min

Lab File: BP019932.D

Acq: 29 Feb 2024 12:15

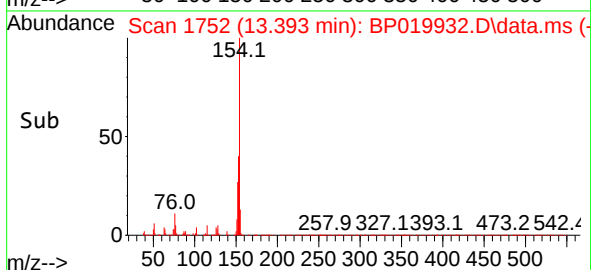
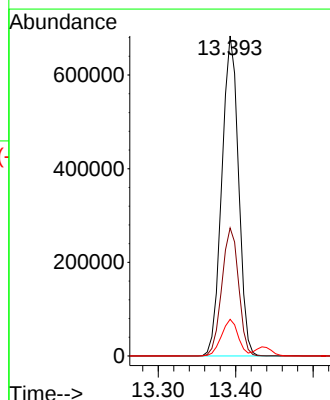
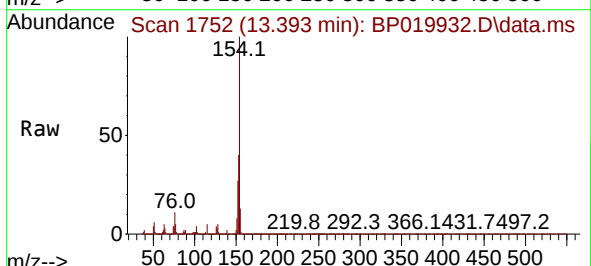
Tgt Ion:154 Resp: 1022688

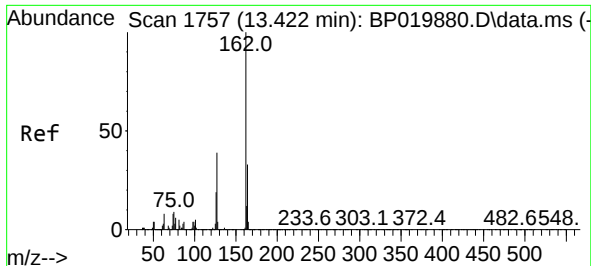
Ion Ratio Lower Upper

154 100

153 40.0 19.8 59.8

76 11.5 0.0 31.8

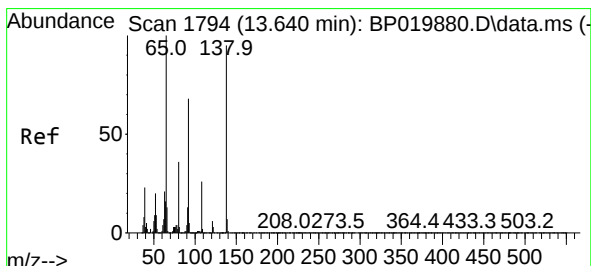
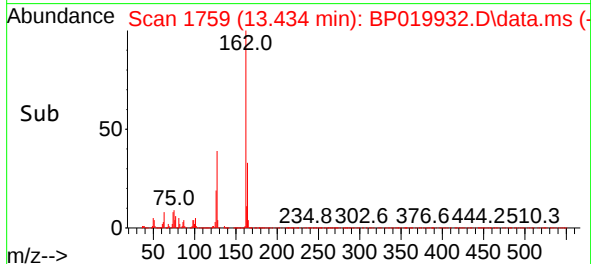
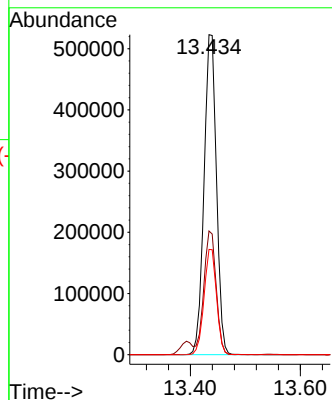
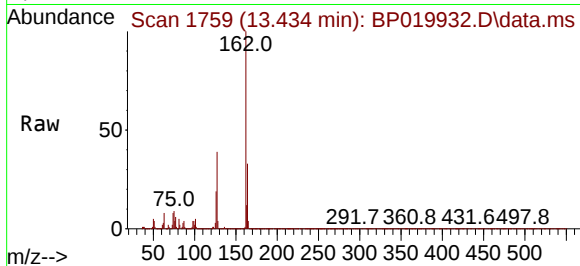




#47
2-Chloronaphthalene
Concen: 49.433 ng
RT: 13.434 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

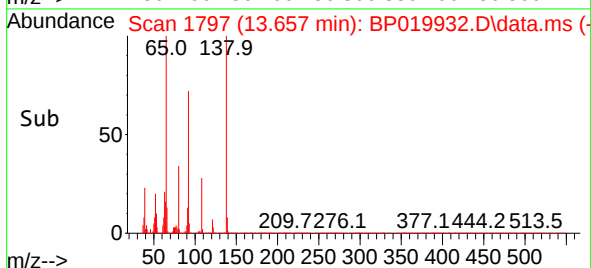
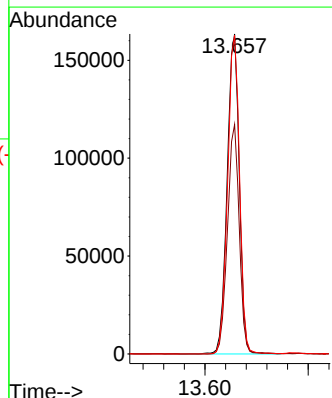
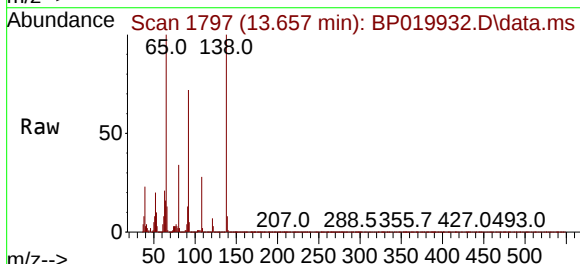
Instrument :
BNA_P
ClientSampleId :
PB159345BS

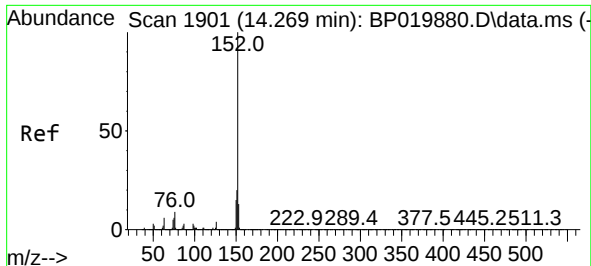
Tgt Ion:162 Resp: 819277
Ion Ratio Lower Upper
162 100
127 38.7 31.4 47.2
164 32.9 26.2 39.4



#48
2-Nitroaniline
Concen: 44.361 ng
RT: 13.657 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion: 65 Resp: 265721
Ion Ratio Lower Upper
65 100
92 71.7 54.3 81.5
138 99.6 75.7 113.5

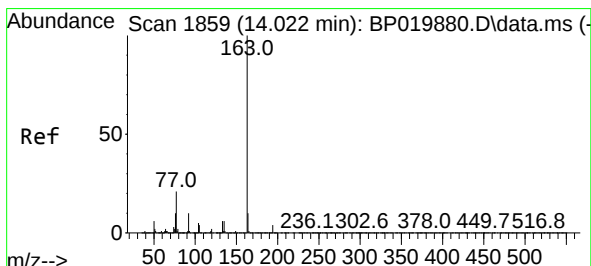
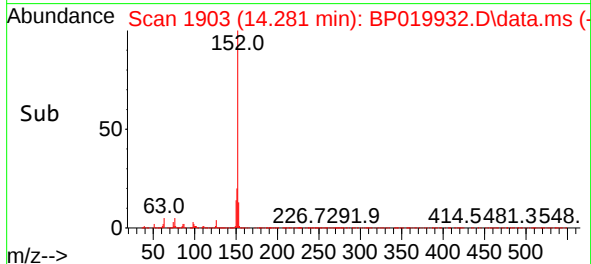
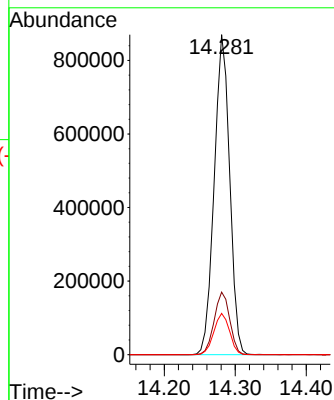
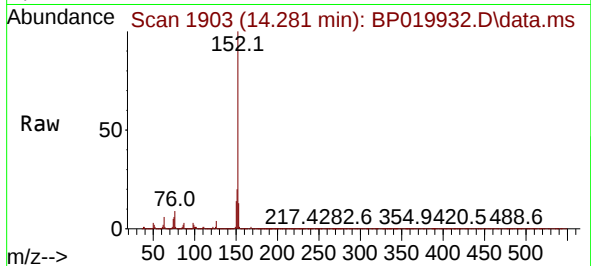




#49
Acenaphthylene
Concen: 48.876 ng
RT: 14.281 min Scan# 1903
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

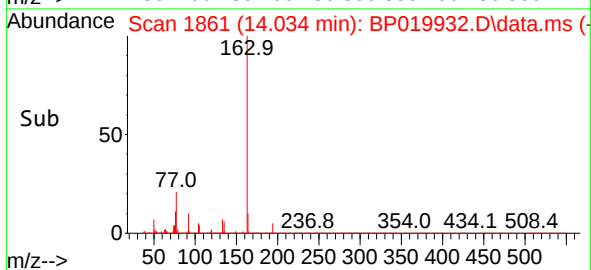
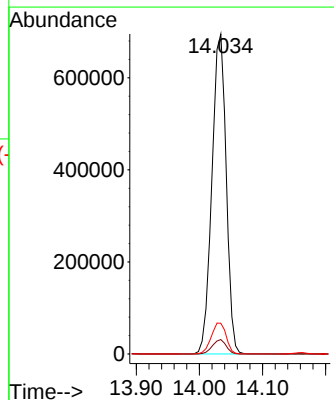
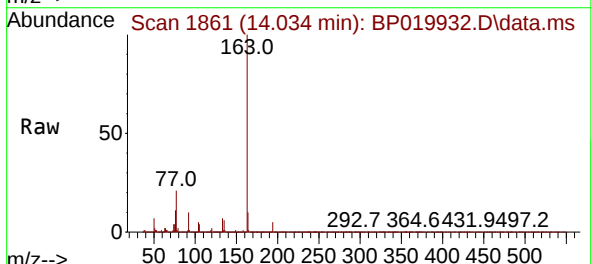
Instrument :
BNA_P
ClientSampleId :
PB159345BS

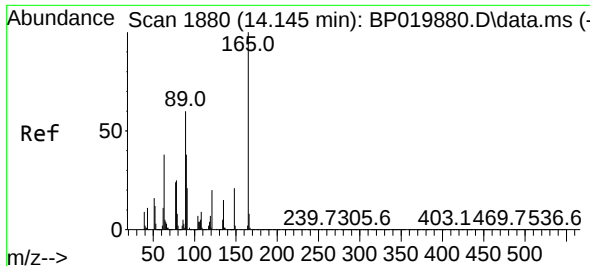
Tgt Ion:152 Resp: 1312359
Ion Ratio Lower Upper
152 100
151 19.5 15.9 23.9
153 12.9 10.4 15.6



#50
Dimethylphthalate
Concen: 44.778 ng
RT: 14.034 min Scan# 1861
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:163 Resp: 1090097
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 9.6 8.0 12.0

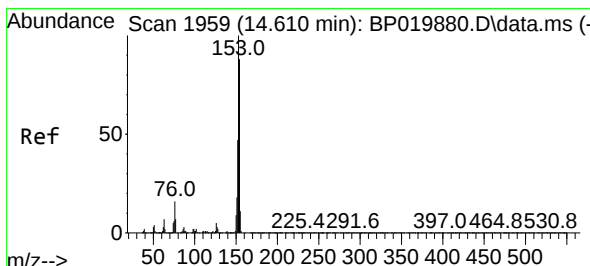
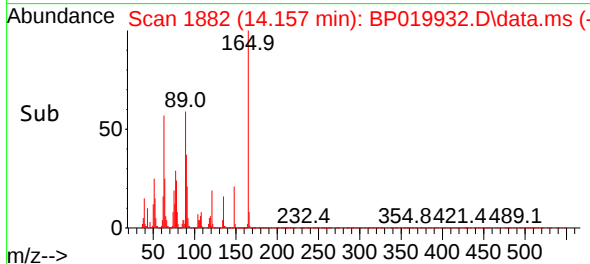
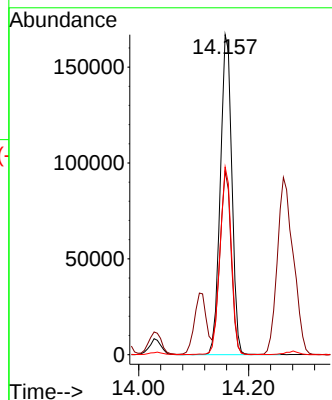
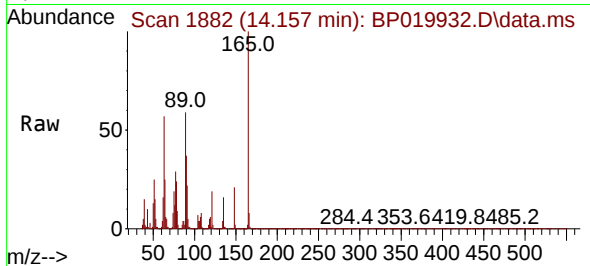




#51
2,6-Dinitrotoluene
Concen: 46.356 ng
RT: 14.157 min Scan# 1882
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

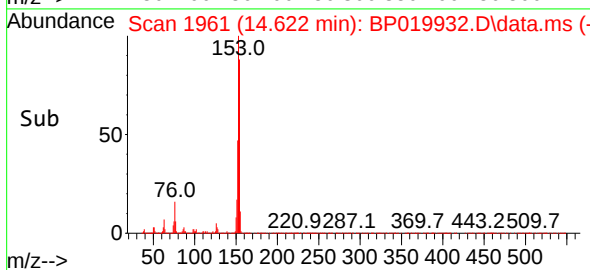
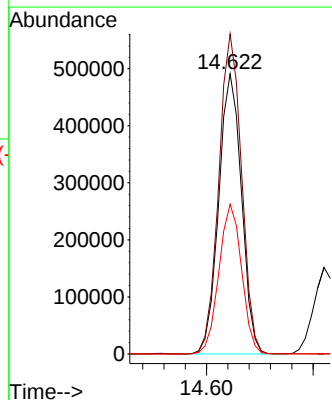
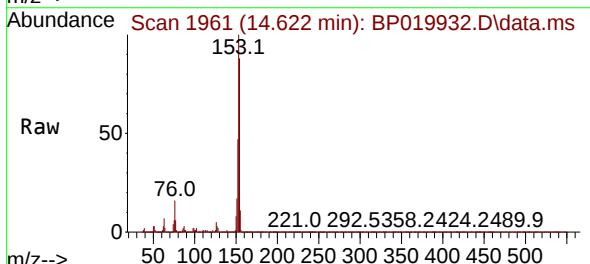
Instrument :
BNA_P
ClientSampleId :
PB159345BS

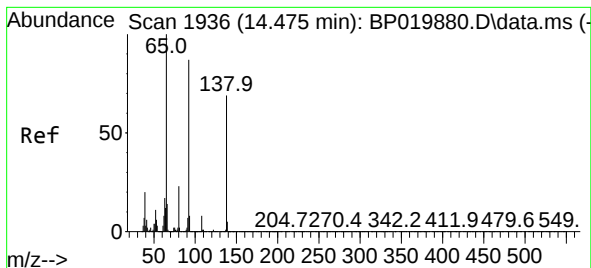
Tgt Ion:165 Resp: 242879
Ion Ratio Lower Upper
165 100
63 57.5 46.9 70.3
89 58.6 48.3 72.5



#52
Acenaphthene
Concen: 45.122 ng
RT: 14.622 min Scan# 1961
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:154 Resp: 727470
Ion Ratio Lower Upper
154 100
153 114.2 90.9 136.3
152 53.4 42.3 63.5

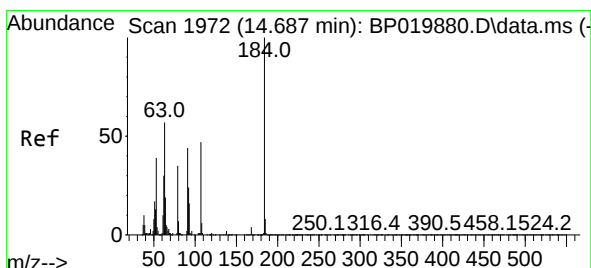
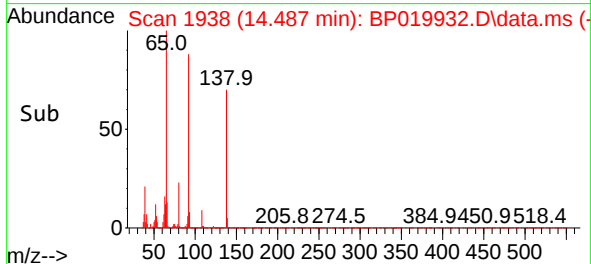
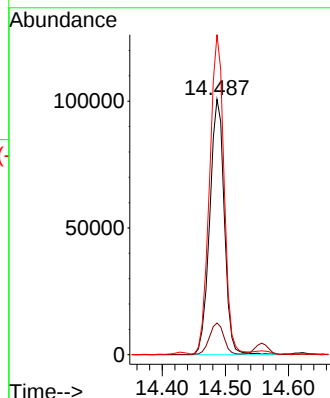
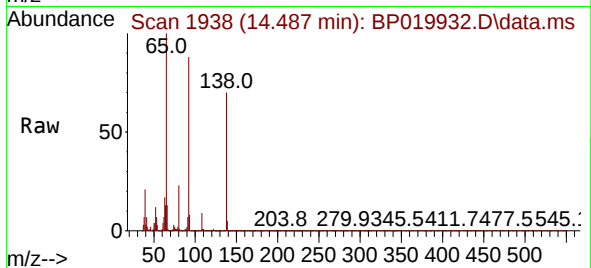




#53
3-Nitroaniline
Concen: 31.109 ng
RT: 14.487 min Scan# 1938
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

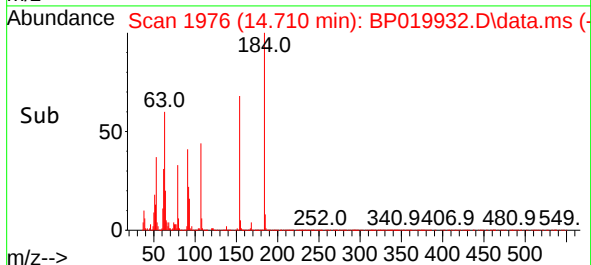
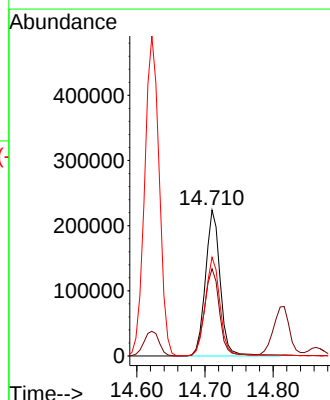
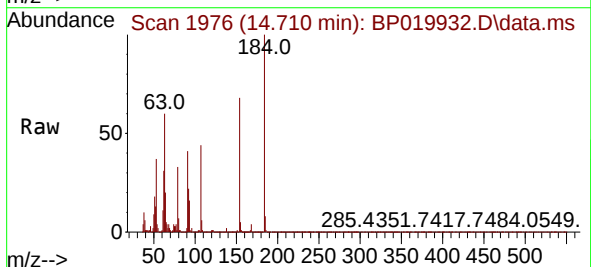
Instrument :
BNA_P
ClientSampleId :
PB159345BS

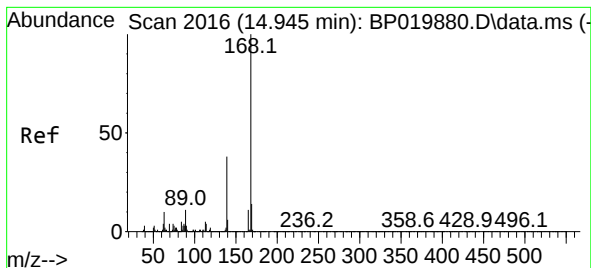
Tgt Ion:138 Resp: 161344
Ion Ratio Lower Upper
138 100
108 12.4 9.2 13.8
92 125.3 100.3 150.5



#54
2,4-Dinitrophenol
Concen: 98.735 ng
RT: 14.710 min Scan# 1976
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:184 Resp: 337217
Ion Ratio Lower Upper
184 100
63 59.7 49.6 74.4
154 67.7 54.6 82.0





#55

Dibenzofuran

Concen: 46.409 ng

RT: 14.963 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BP019932.D

Acq: 29 Feb 2024 12:15

Instrument :

BNA_P

ClientSampleId :

PB159345BS

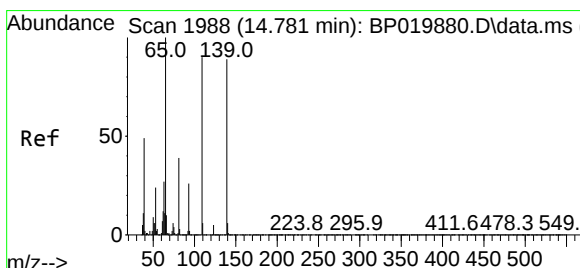
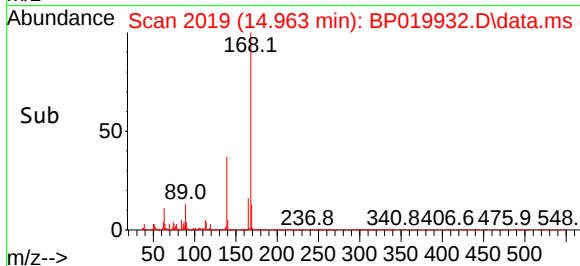
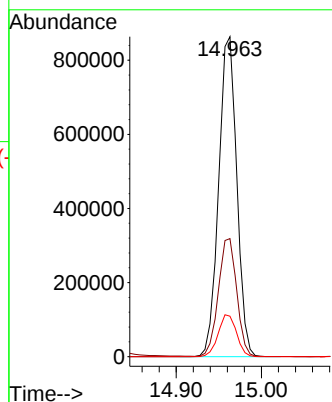
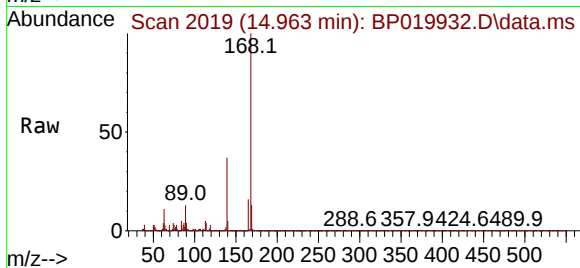
Tgt Ion:168 Resp: 1276936

Ion Ratio Lower Upper

168 100

139 36.9 30.6 45.8

169 12.6 10.9 16.3



#56

4-Nitrophenol

Concen: 90.885 ng

RT: 14.816 min Scan# 1994

Delta R.T. 0.006 min

Lab File: BP019932.D

Acq: 29 Feb 2024 12:15

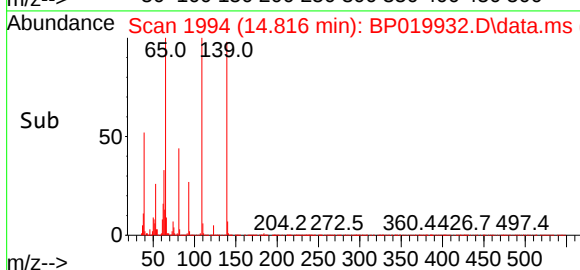
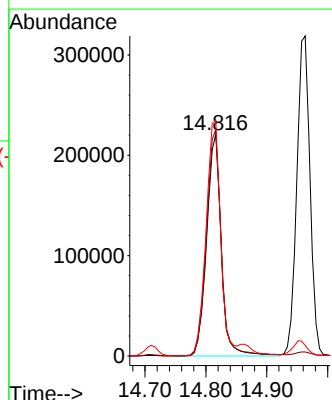
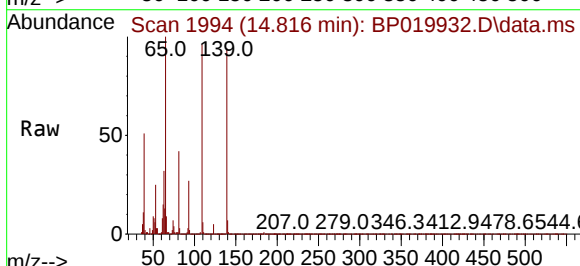
Tgt Ion:139 Resp: 368731

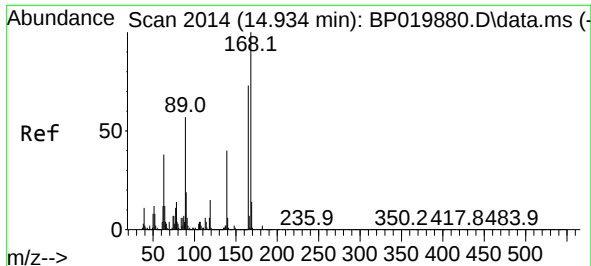
Ion Ratio Lower Upper

139 100

109 102.2 81.3 121.3

65 106.4 93.5 133.5

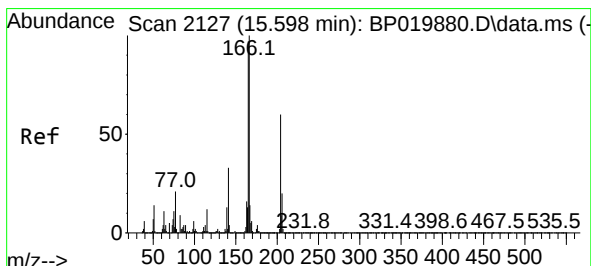
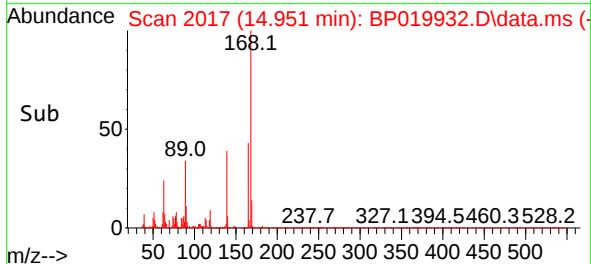
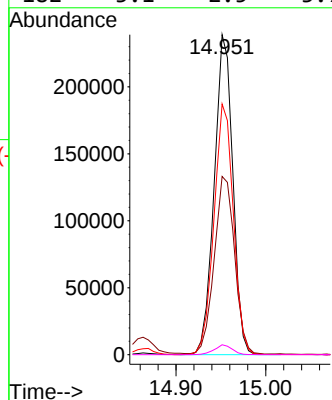
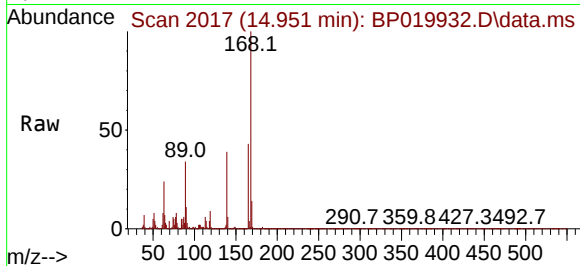




#57
2,4-Dinitrotoluene
Concen: 46.059 ng
RT: 14.951 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

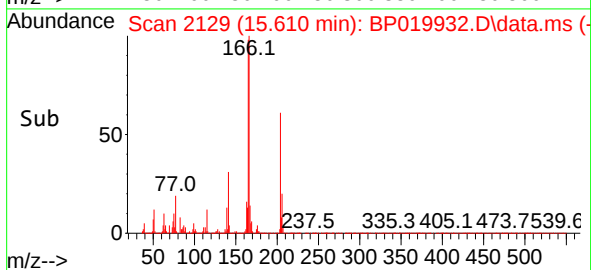
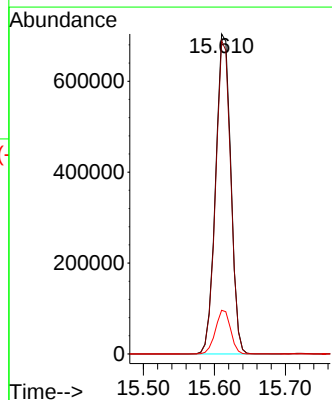
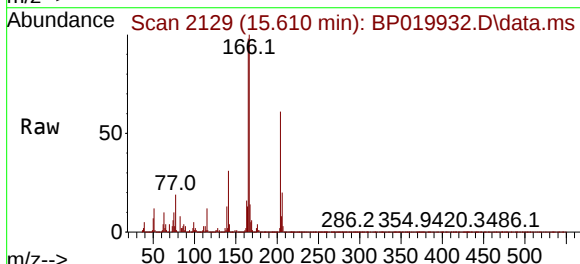
Instrument :
BNA_P
ClientSampleId :
PB159345BS

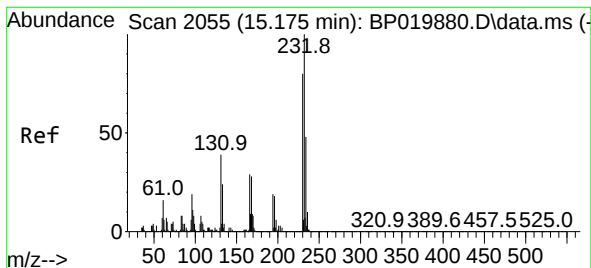
Tgt Ion:165 Resp: 343453
Ion Ratio Lower Upper
165 100
63 55.7 41.4 62.0
89 78.3 62.1 93.1
182 3.1 2.5 3.7



#58
Fluorene
Concen: 46.818 ng
RT: 15.610 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:166 Resp: 1044769
Ion Ratio Lower Upper
166 100
165 97.8 77.8 116.6
167 13.6 10.8 16.2



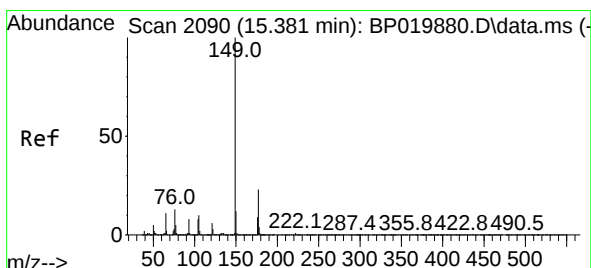
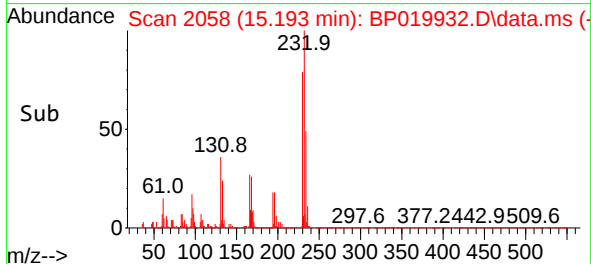
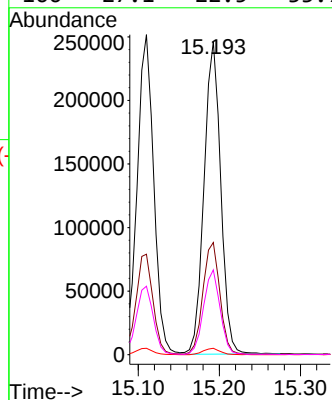
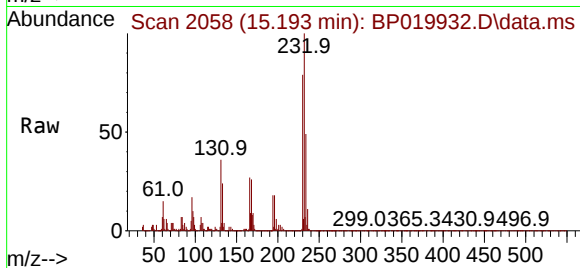


#59
2,3,4,6-Tetrachlorophenol
Concen: 47.719 ng
RT: 15.193 min Scan# 2058
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Instrument :
BNA_P
ClientSampleId :
PB159345BS

Tgt Ion:232 Resp: 350776

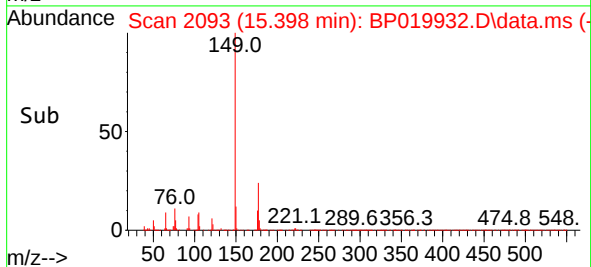
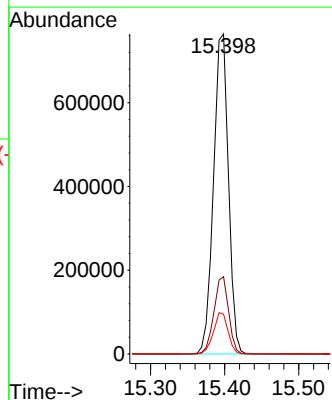
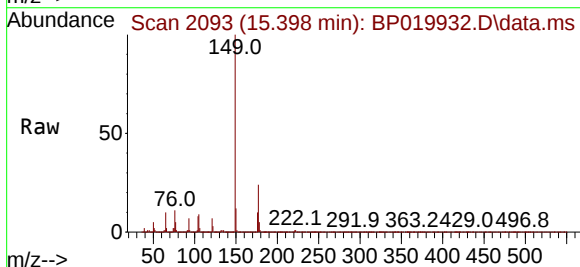
Ion	Ratio	Lower	Upper
232	100		
131	36.1	30.7	46.1
130	2.1	1.8	2.6
166	27.1	22.5	33.7

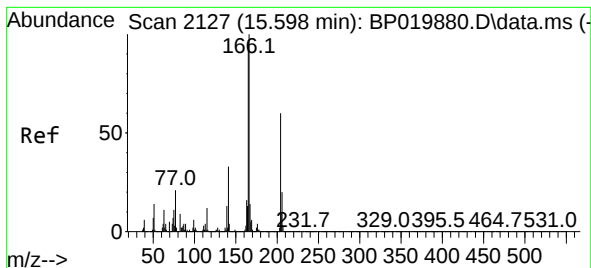


#60
Diethylphthalate
Concen: 44.362 ng
RT: 15.398 min Scan# 2093
Delta R.T. 0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:149 Resp: 1066919

Ion	Ratio	Lower	Upper
149	100		
177	24.1	18.4	27.6
150	12.5	9.9	14.9

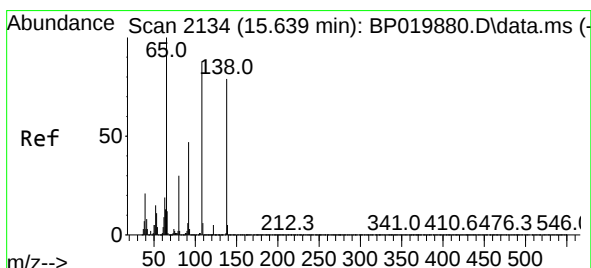
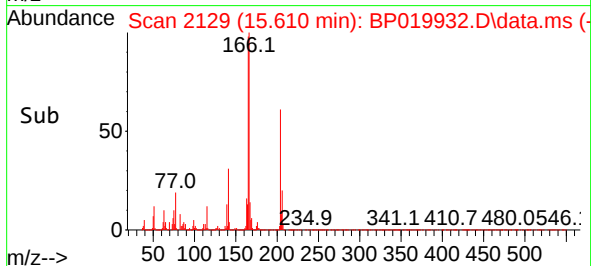
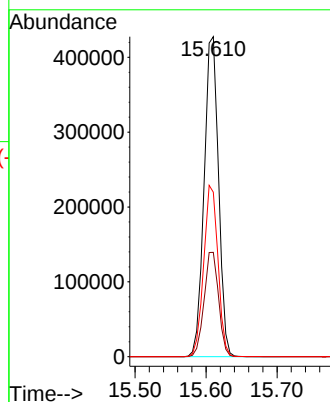
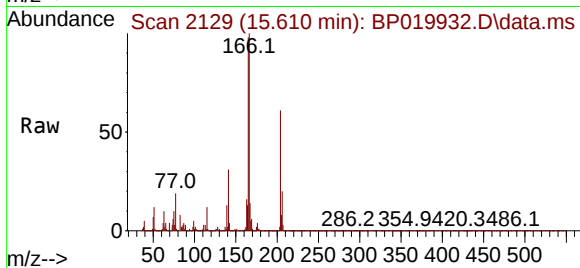




#61
4-Chlorophenyl-phenylether
Concen: 47.407 ng
RT: 15.610 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

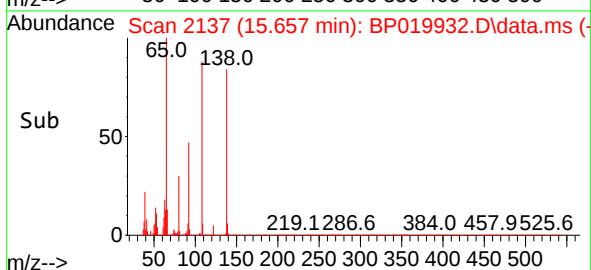
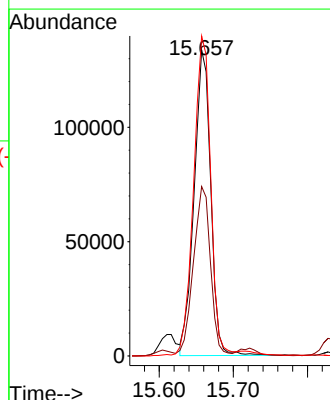
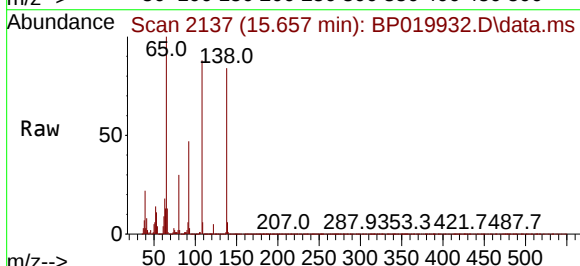
Instrument :
BNA_P
ClientSampleId :
PB159345BS

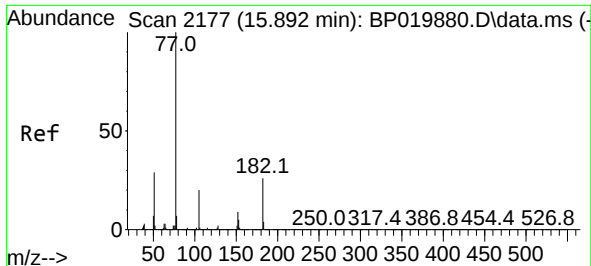
Tgt Ion:204 Resp: 605012
Ion Ratio Lower Upper
204 100
206 32.6 26.6 39.8
141 51.4 44.2 66.4



#62
4-Nitroaniline
Concen: 38.518 ng
RT: 15.657 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:138 Resp: 208077
Ion Ratio Lower Upper
138 100
92 55.4 39.5 79.5
108 104.6 90.7 130.7

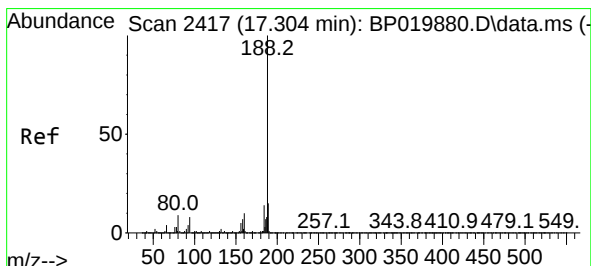
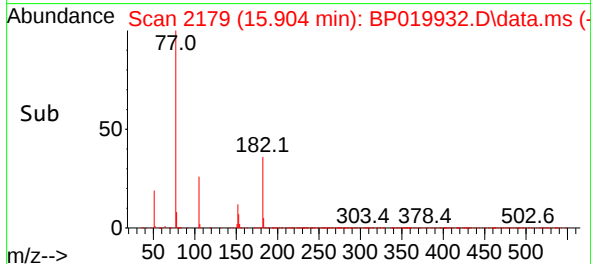
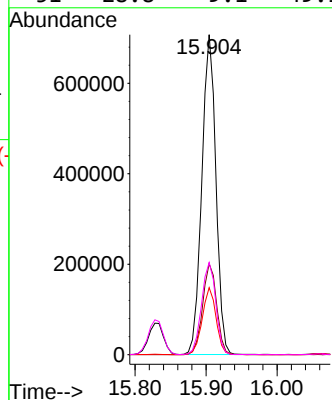
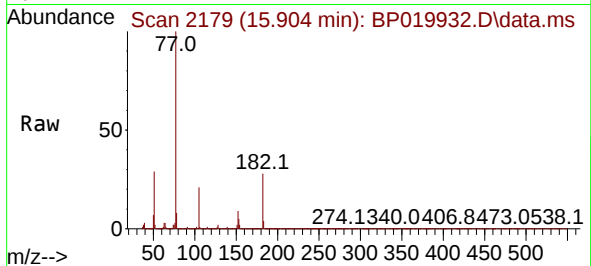




#63
Azobenzene
Concen: 43.622 ng
RT: 15.904 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

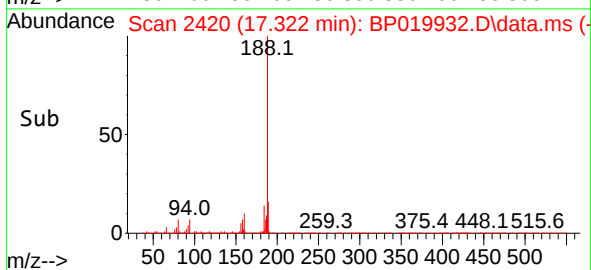
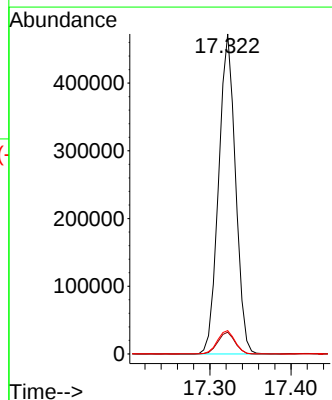
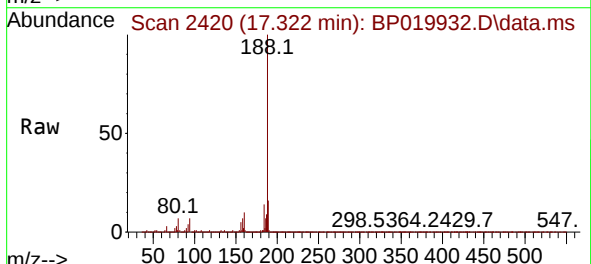
Instrument :
BNA_P
ClientSampleId :
PB159345BS

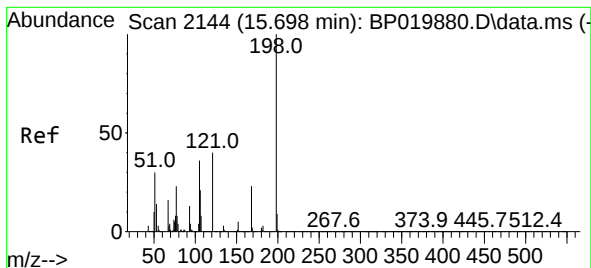
Tgt Ion: 77 Resp: 976665
Ion Ratio Lower Upper
77 100
182 28.4 6.3 46.3
105 21.0 0.0 40.0
51 28.8 9.1 49.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.322 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:188 Resp: 682314
Ion Ratio Lower Upper
188 100
94 6.8 6.2 9.4
80 7.3 7.0 10.4

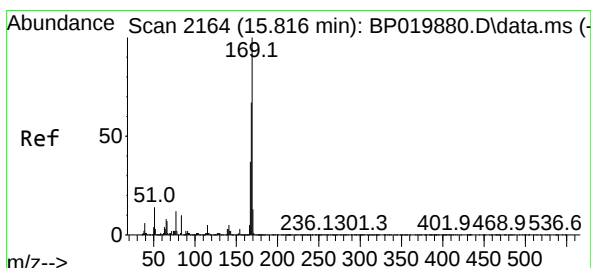
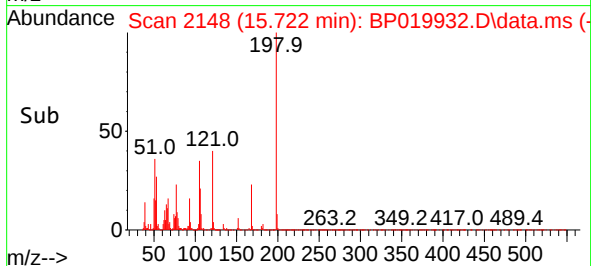
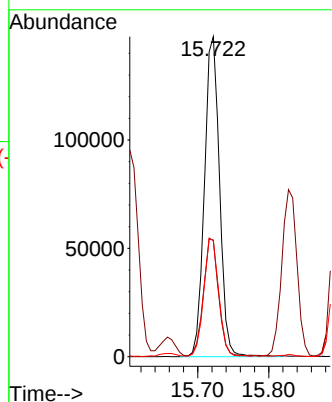
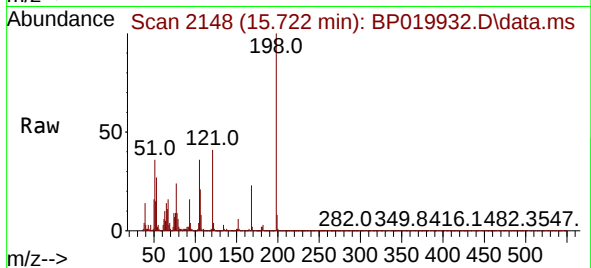




#65
4,6-Dinitro-2-methylphenol
Concen: 47.214 ng
RT: 15.722 min Scan# 2148
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

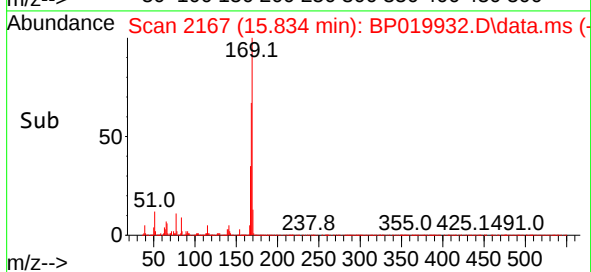
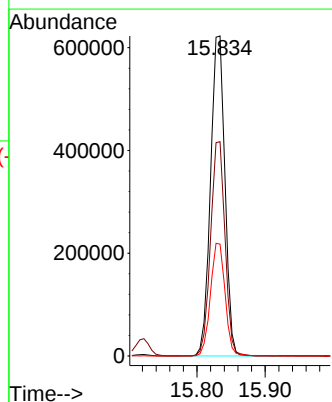
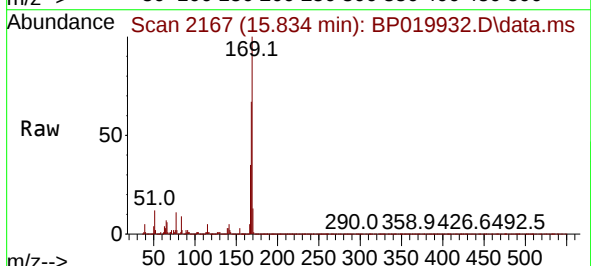
Instrument :
BNA_P
ClientSampleId :
PB159345BS

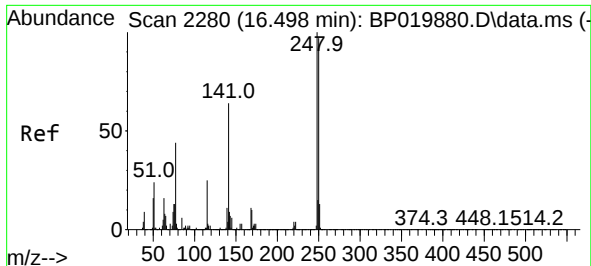
Tgt Ion:198 Resp: 218652
Ion Ratio Lower Upper
198 100
51 36.5 16.3 56.3
105 36.2 17.8 57.8



#66
n-Nitrosodiphenylamine
Concen: 46.699 ng
RT: 15.834 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:169 Resp: 914292
Ion Ratio Lower Upper
169 100
168 66.9 53.6 80.4
167 35.0 29.4 44.0

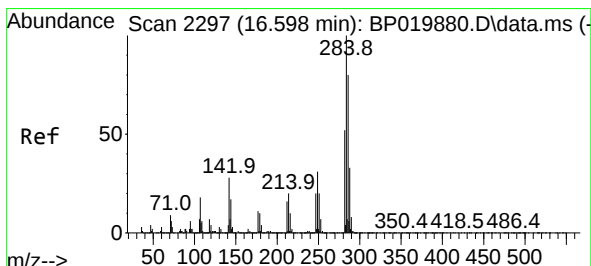
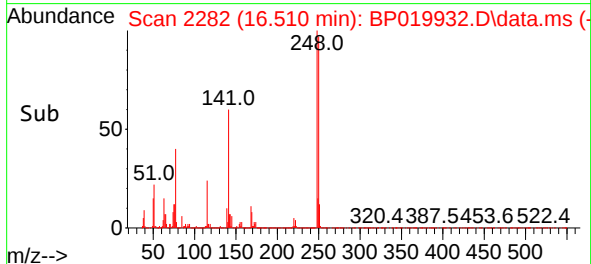
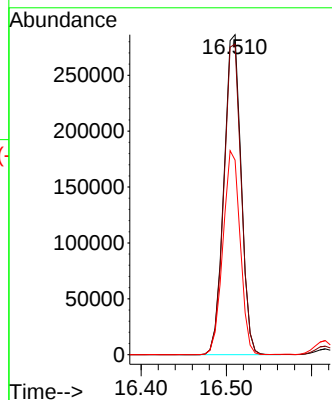
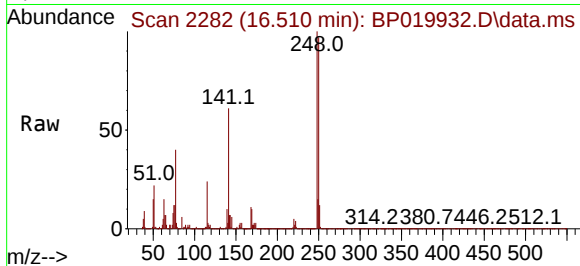




#67
4-Bromophenyl-phenylether
Concen: 47.613 ng
RT: 16.510 min Scan# 210
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

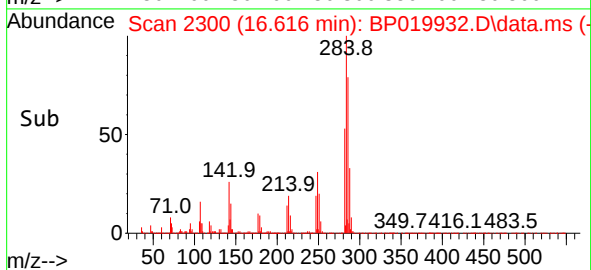
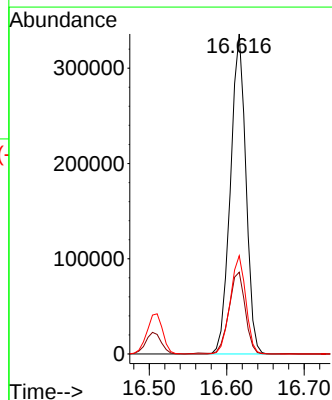
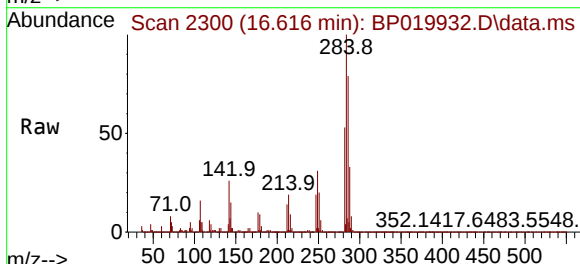
Instrument :
BNA_P
ClientSampleId :
PB159345BS

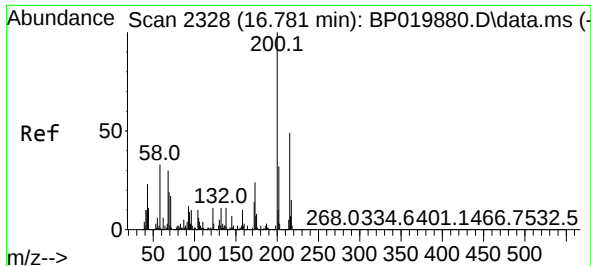
Tgt Ion:248 Resp: 401694
Ion Ratio Lower Upper
248 100
250 97.0 78.0 117.0
141 60.8 51.6 77.4



#68
Hexachlorobenzene
Concen: 51.282 ng
RT: 16.616 min Scan# 2300
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:284 Resp: 466594
Ion Ratio Lower Upper
284 100
142 25.6 22.6 33.8
249 30.7 25.2 37.8

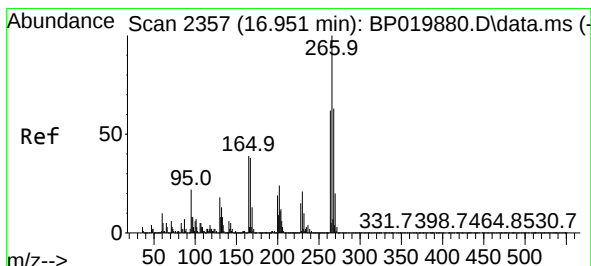
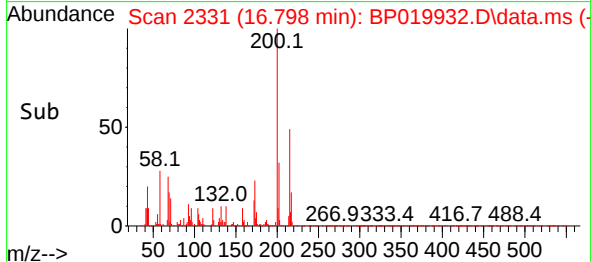
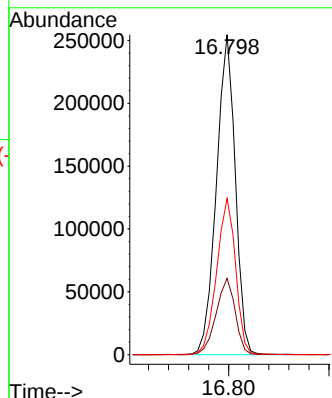
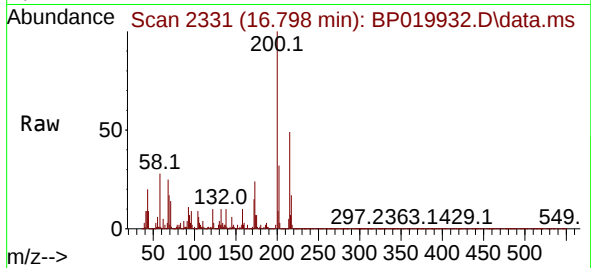




#69
Atrazine
Concen: 40.481 ng
RT: 16.798 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

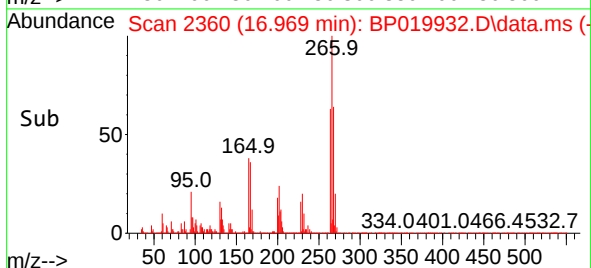
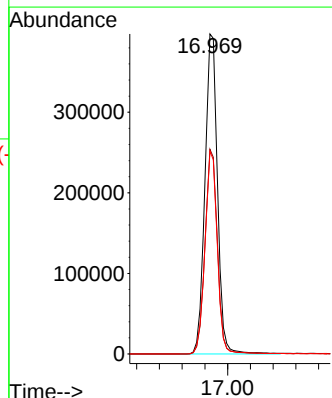
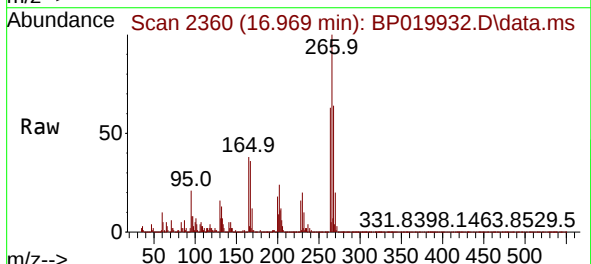
Instrument :
BNA_P
ClientSampleId :
PB159345BS

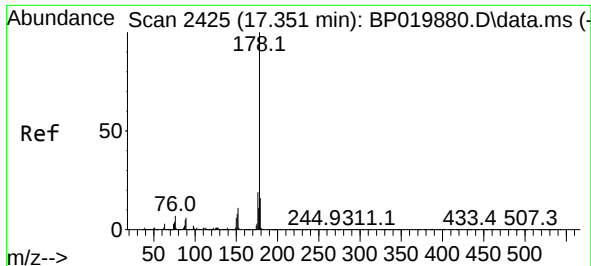
Tgt Ion:200 Resp: 331621
Ion Ratio Lower Upper
200 100
173 23.9 4.1 44.1
215 48.8 29.1 69.1



#70
Pentachlorophenol
Concen: 90.239 ng
RT: 16.969 min Scan# 2360
Delta R.T. -0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:266 Resp: 606879
Ion Ratio Lower Upper
266 100
268 64.0 50.6 76.0
264 63.4 49.7 74.5

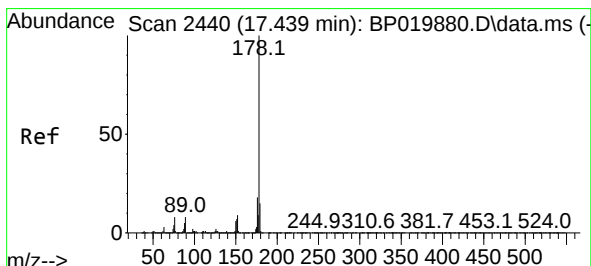
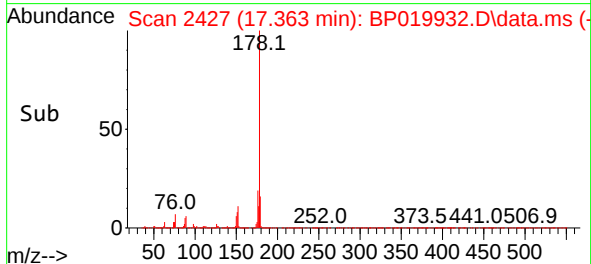
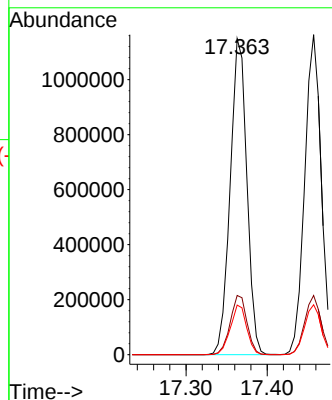
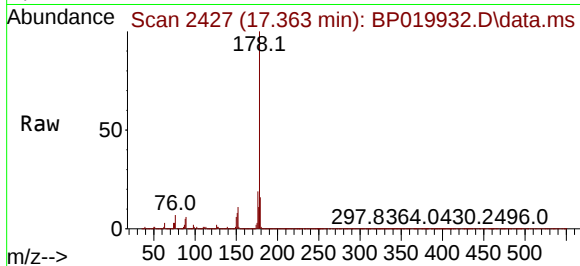




#71
Phenanthrene
Concen: 44.950 ng
RT: 17.363 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

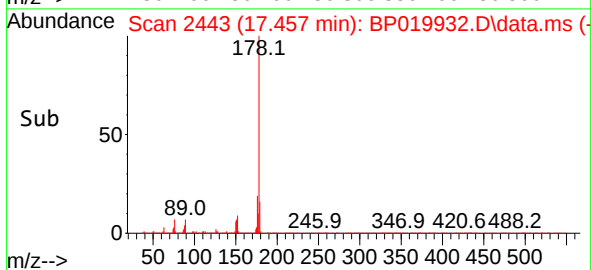
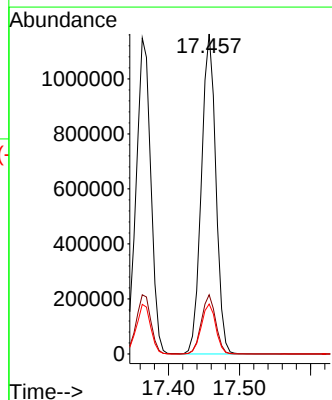
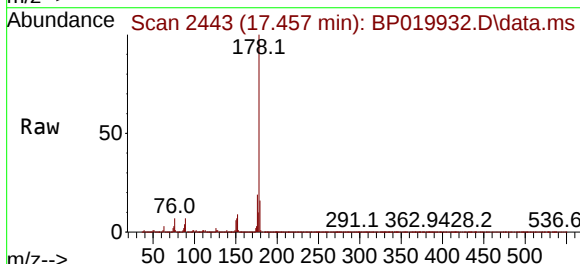
Instrument :
BNA_P
ClientSampleId :
PB159345BS

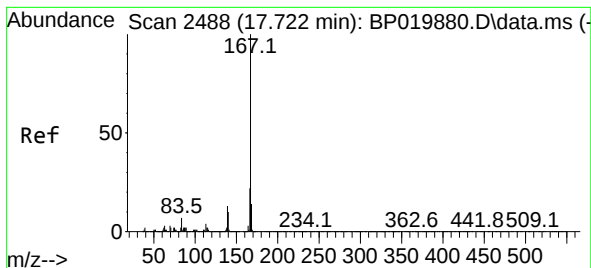
Tgt Ion:178 Resp: 1637073
Ion Ratio Lower Upper
178 100
176 18.7 15.2 22.8
179 15.7 12.5 18.7



#72
Anthracene
Concen: 44.346 ng
RT: 17.457 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:178 Resp: 1648691
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 15.6 12.2 18.4





#73

Carbazole

Concen: 43.646 ng

RT: 17.734 min Scan# 2488

Delta R.T. -0.006 min

Lab File: BP019932.D

Acq: 29 Feb 2024 12:15

Instrument :

BNA_P

ClientSampleId :

PB159345BS

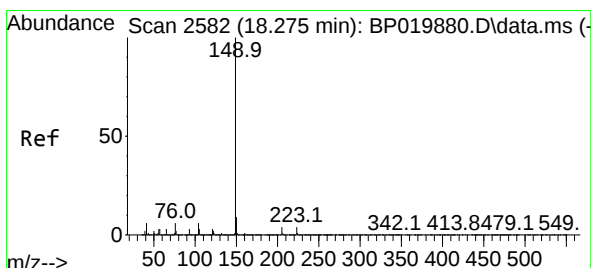
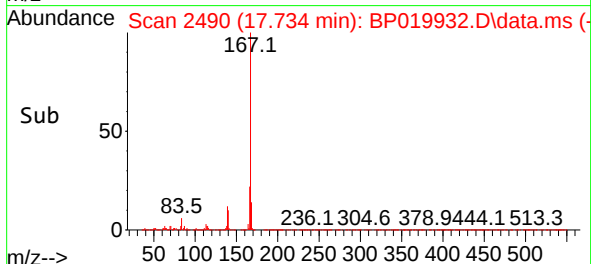
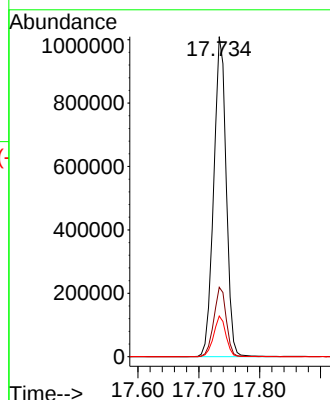
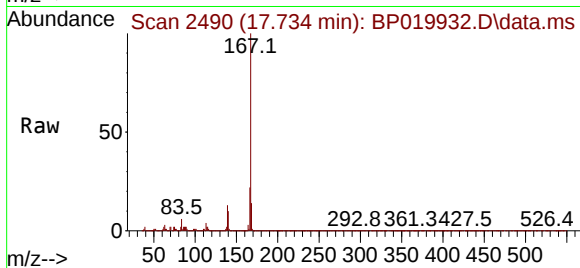
Tgt Ion:167 Resp: 1437165

Ion Ratio Lower Upper

167 100

166 21.7 17.3 25.9

139 12.7 10.5 15.7



#74

Di-n-butylphthalate

Concen: 42.731 ng

RT: 18.287 min Scan# 2584

Delta R.T. 0.000 min

Lab File: BP019932.D

Acq: 29 Feb 2024 12:15

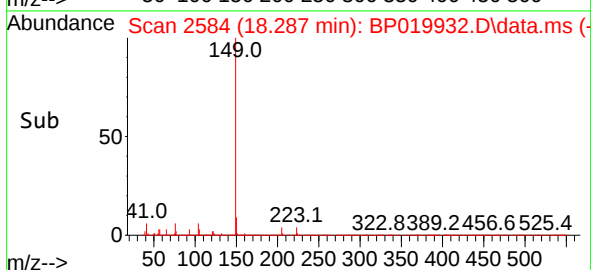
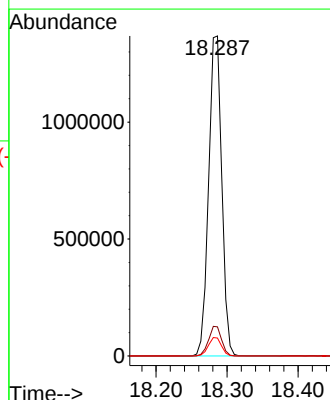
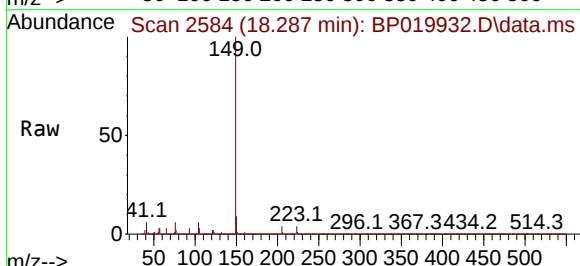
Tgt Ion:149 Resp: 1759742

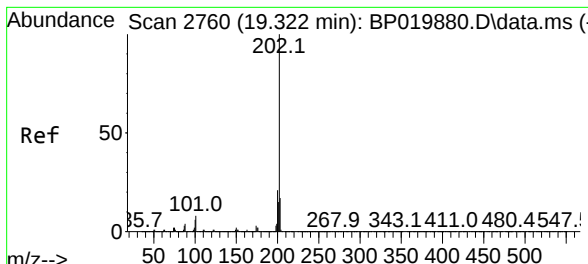
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 5.6 4.6 7.0

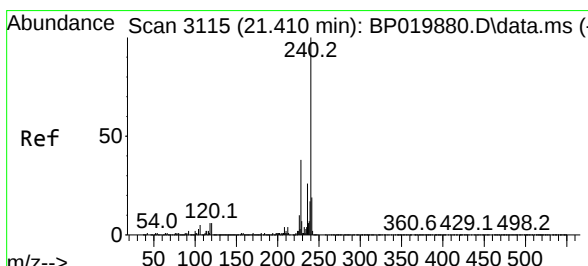
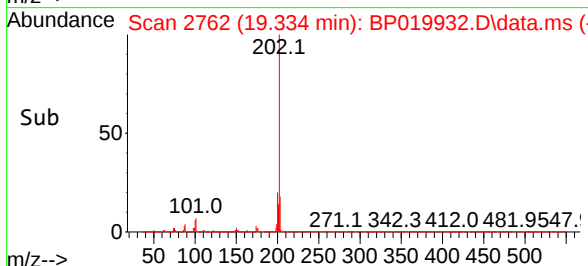
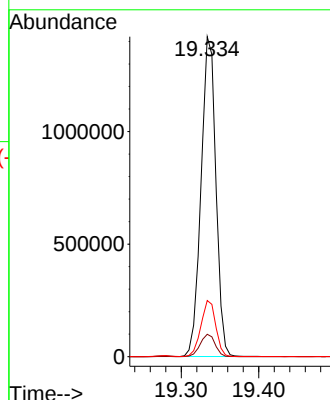
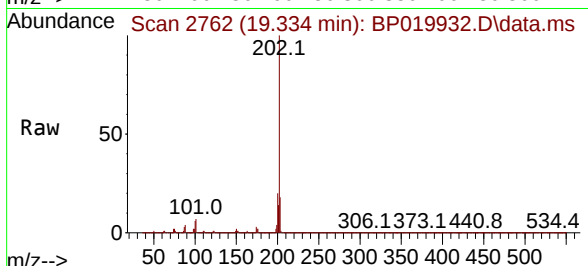




#75
Fluoranthene
Concen: 39.973 ng
RT: 19.334 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

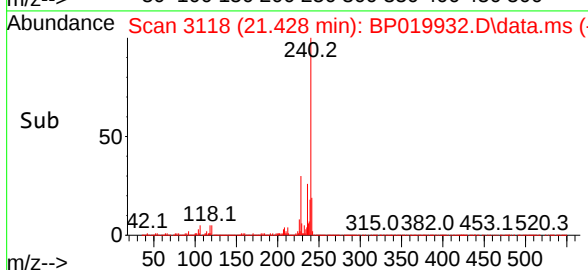
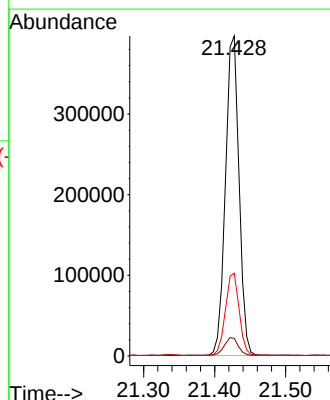
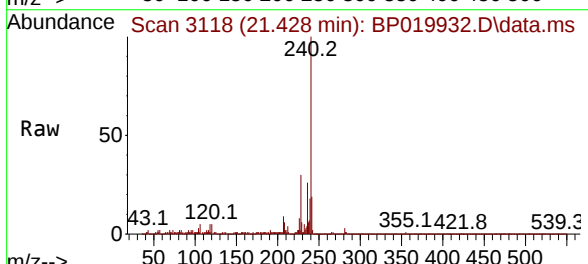
Instrument :
BNA_P
ClientSampleId :
PB159345BS

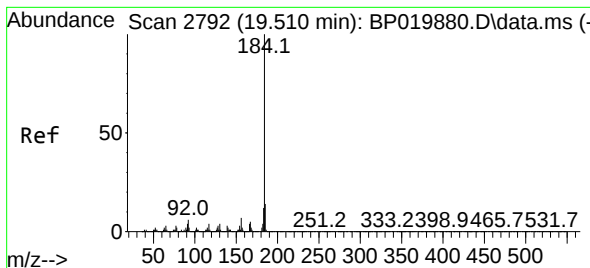
Tgt Ion:202 Resp: 1889343
Ion Ratio Lower Upper
202 100
101 7.0 0.0 27.7
203 17.6 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.428 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:240 Resp: 524513
Ion Ratio Lower Upper
240 100
120 5.5 5.1 7.7
236 25.8 20.5 30.7





#77

Benzidine

Concen: 30.180 ng

RT: 19.522 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019932.D

Acq: 29 Feb 2024 12:15

Instrument :

BNA_P

ClientSampleId :

PB159345BS

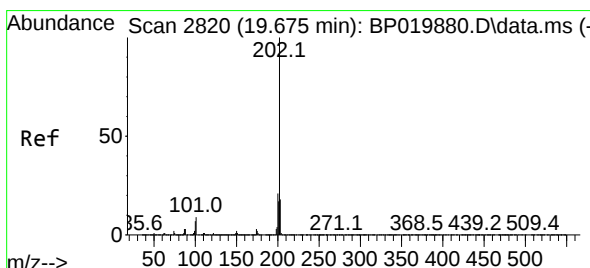
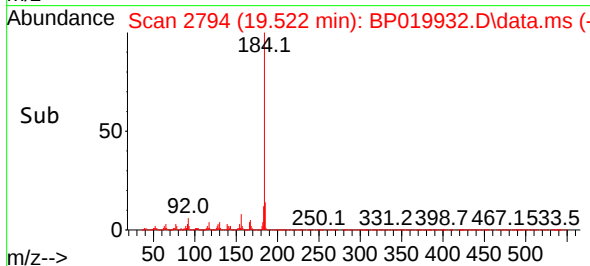
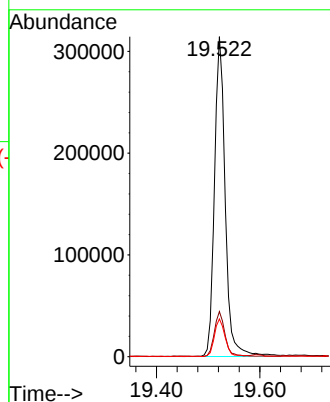
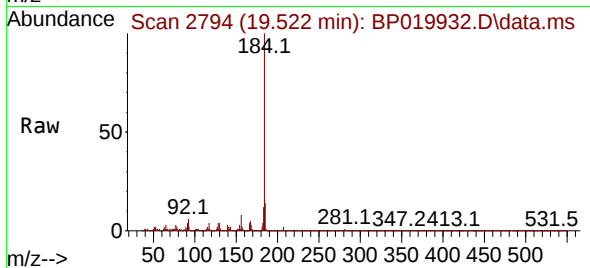
Tgt Ion:184 Resp: 454714

Ion Ratio Lower Upper

184 100

185 14.1 11.2 16.8

183 11.8 9.3 13.9



#78

Pyrene

Concen: 52.197 ng

RT: 19.686 min Scan# 2822

Delta R.T. -0.006 min

Lab File: BP019932.D

Acq: 29 Feb 2024 12:15

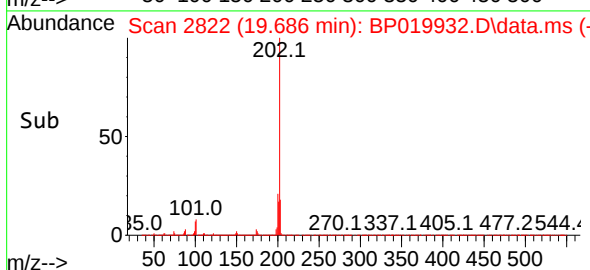
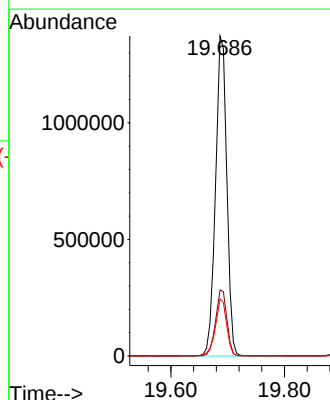
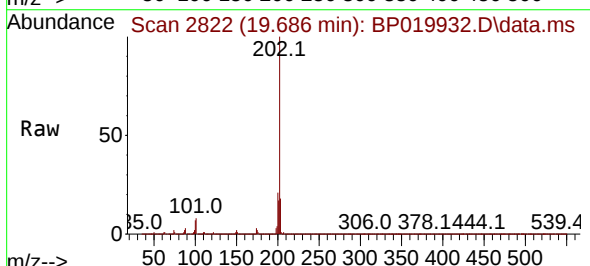
Tgt Ion:202 Resp: 1881026

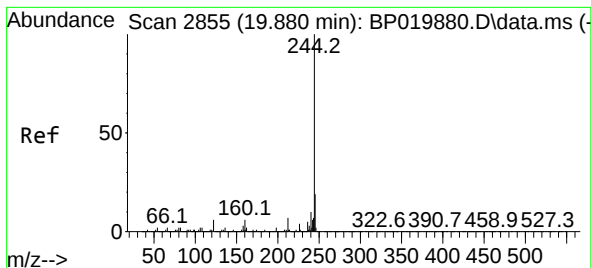
Ion Ratio Lower Upper

202 100

200 20.7 16.7 25.1

203 17.8 14.2 21.2





#79

Terphenyl-d14

Concen: 101.384 ng

RT: 19.892 min Scan# 2857

Delta R.T. 0.000 min

Lab File: BP019932.D

Acq: 29 Feb 2024 12:15

Instrument :

BNA_P

ClientSampleId :

PB159345BS

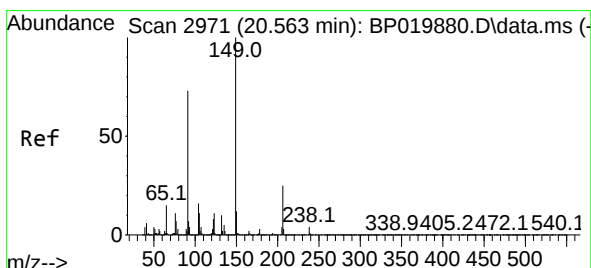
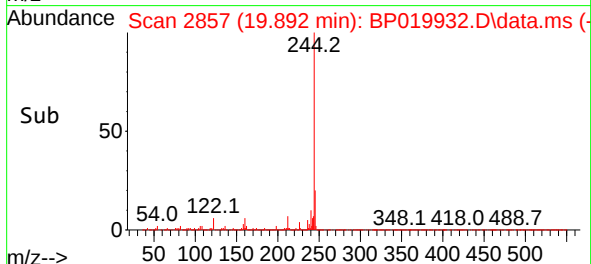
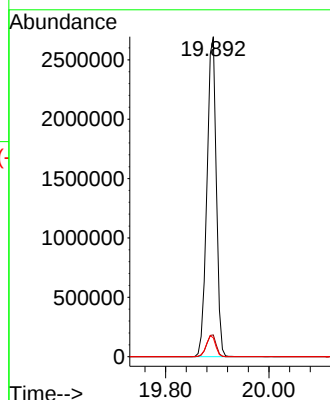
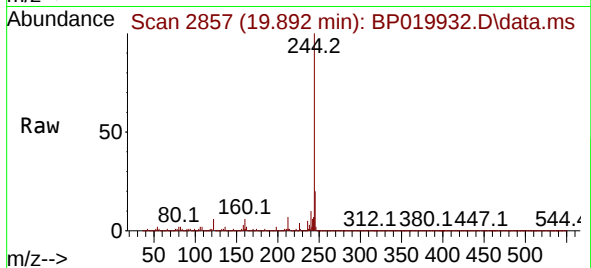
Tgt Ion:244 Resp: 3373888

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

122 5.9 5.0 7.6



#80

Butylbenzylphthalate

Concen: 45.903 ng

RT: 20.569 min Scan# 2972

Delta R.T. -0.006 min

Lab File: BP019932.D

Acq: 29 Feb 2024 12:15

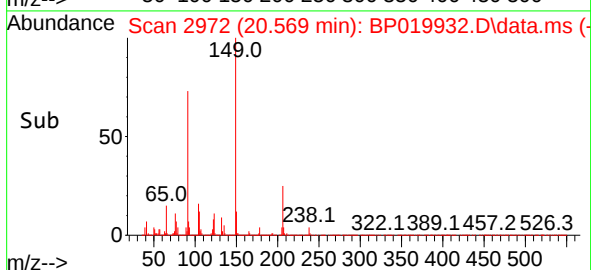
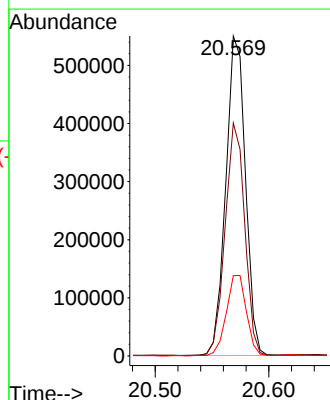
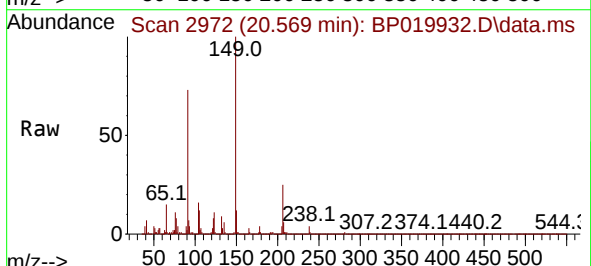
Tgt Ion:149 Resp: 661497

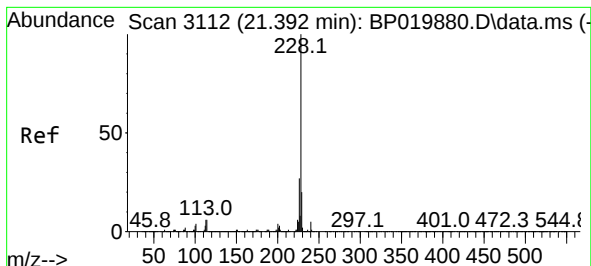
Ion Ratio Lower Upper

149 100

91 72.8 58.3 87.5

206 25.1 19.8 29.8





#81

Benzo(a)anthracene

Concen: 46.440 ng

RT: 21.410 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BP019932.D

Acq: 29 Feb 2024 12:15

Instrument :

BNA_P

ClientSampleId :

PB159345BS

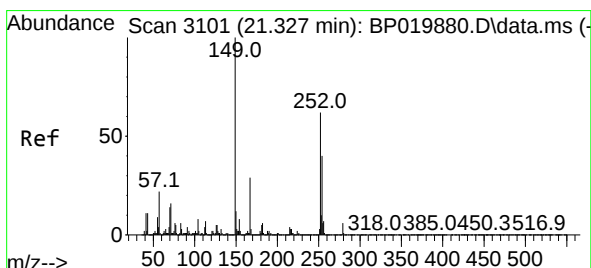
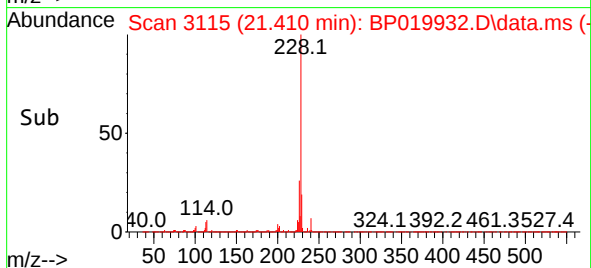
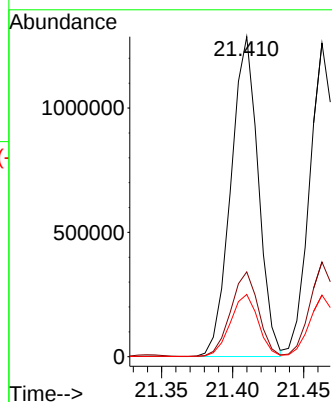
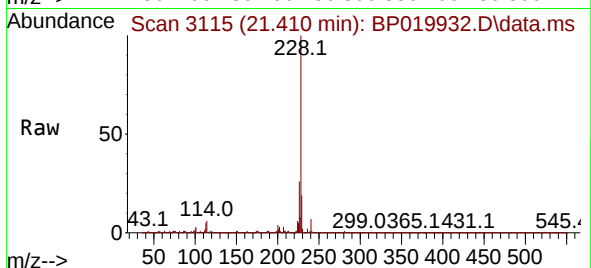
Tgt Ion:228 Resp: 1729047

Ion Ratio Lower Upper

228 100

226 26.5 21.5 32.3

229 19.4 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 36.121 ng

RT: 21.339 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BP019932.D

Acq: 29 Feb 2024 12:15

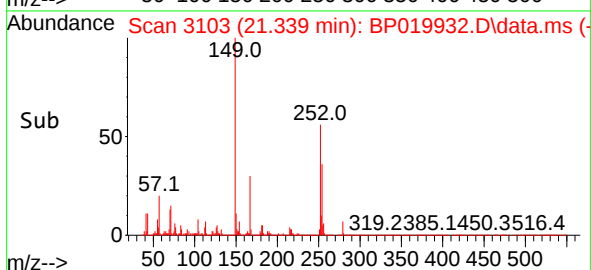
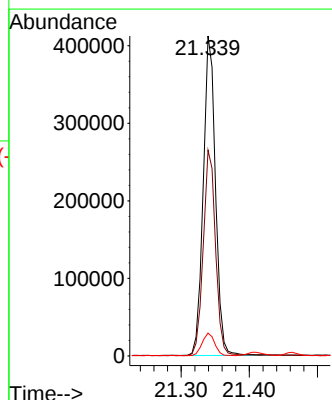
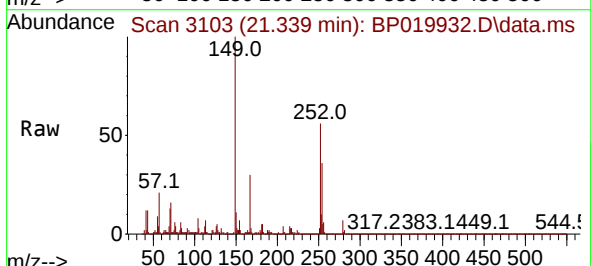
Tgt Ion:252 Resp: 515793

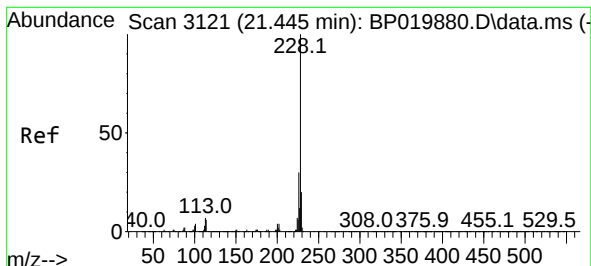
Ion Ratio Lower Upper

252 100

254 64.3 52.0 78.0

126 7.2 6.1 9.1





#83

Chrysene

Concen: 45.728 ng

RT: 21.463 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP019932.D

Acq: 29 Feb 2024 12:15

Instrument :

BNA_P

ClientSampleId :

PB159345BS

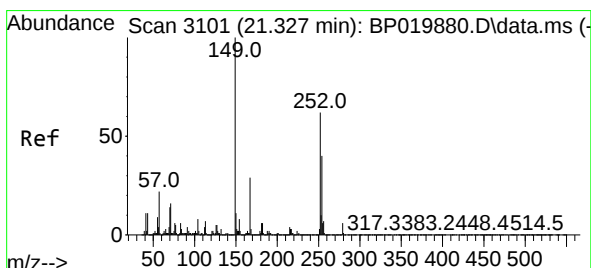
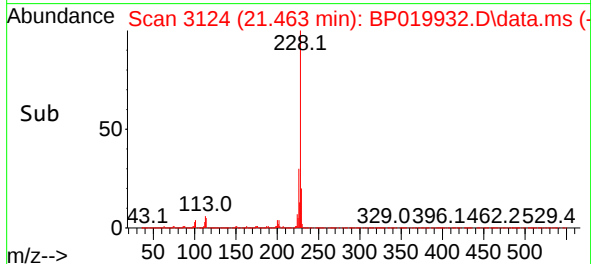
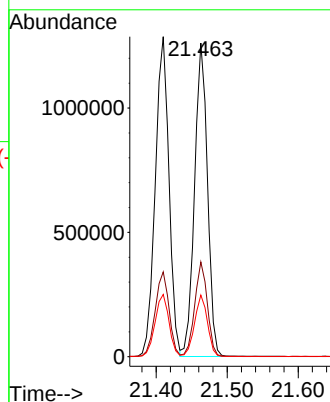
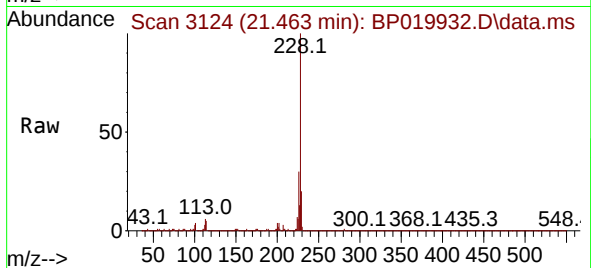
Tgt Ion:228 Resp: 1595331

Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.449 ng

RT: 21.333 min Scan# 3102

Delta R.T. -0.006 min

Lab File: BP019932.D

Acq: 29 Feb 2024 12:15

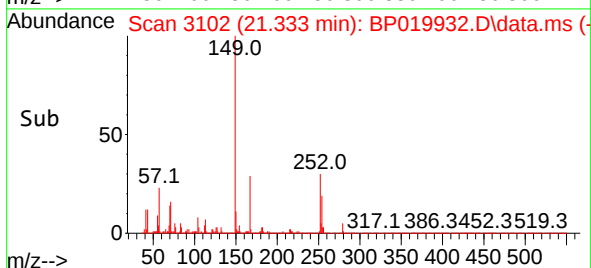
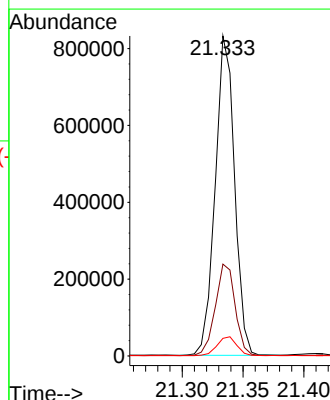
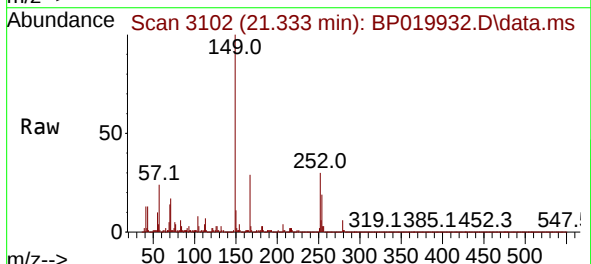
Tgt Ion:149 Resp: 919501

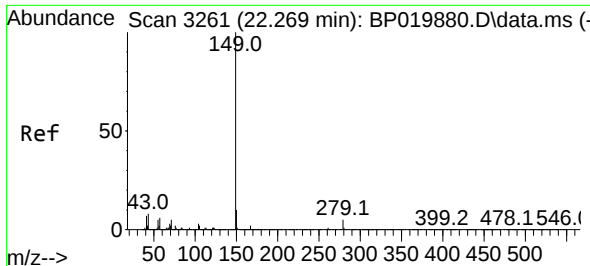
Ion Ratio Lower Upper

149 100

167 28.7 23.0 34.4

279 5.5 4.6 6.8

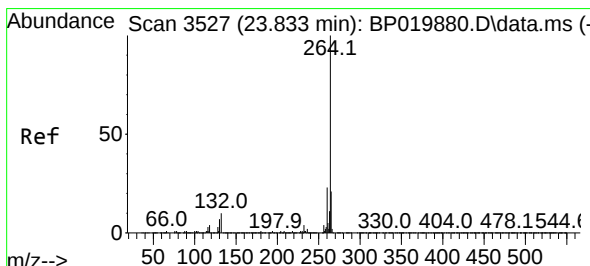
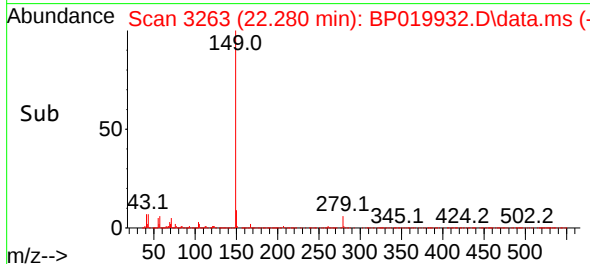
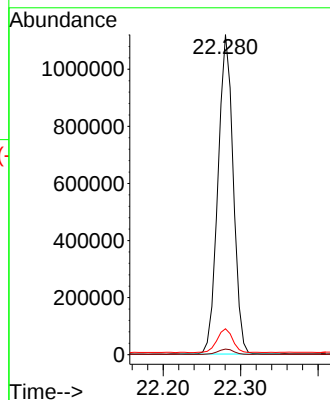
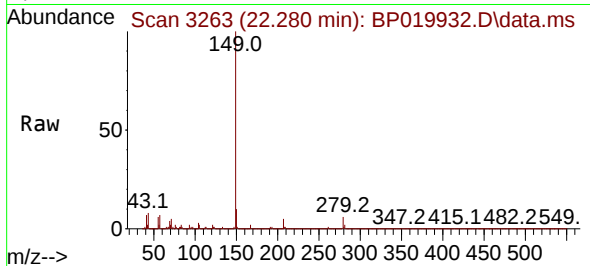




#85
Di-n-octyl phthalate
Concen: 44.358 ng
RT: 22.280 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

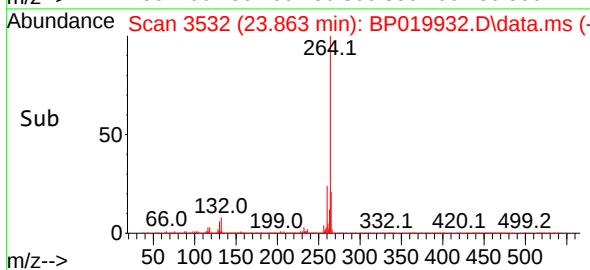
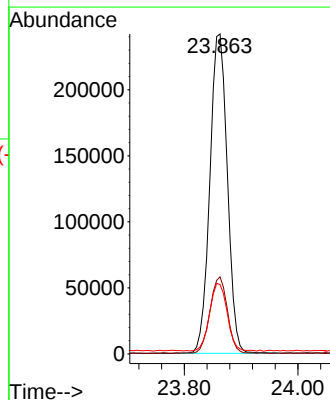
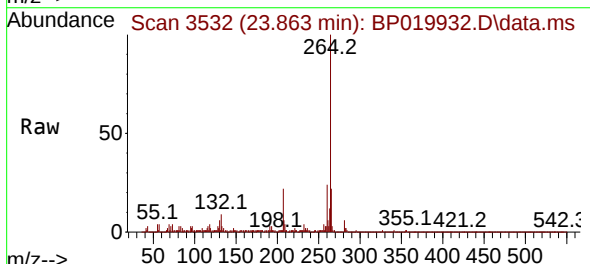
Instrument :
BNA_P
ClientSampleId :
PB159345BS

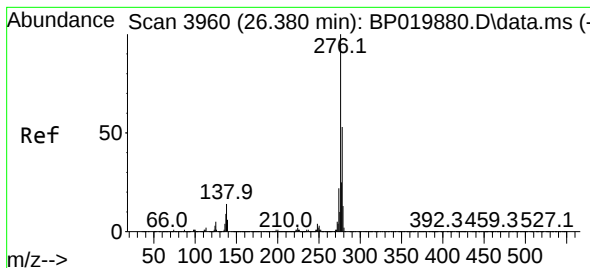
Tgt Ion:149 Resp: 1527132
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 7.7 6.3 9.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.863 min Scan# 3532
Delta R.T. -0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:264 Resp: 515135
Ion Ratio Lower Upper
264 100
260 24.1 18.7 28.1
265 21.7 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.142 ng

RT: 26.433 min Scan# 3406

Delta R.T. -0.012 min

Lab File: BP019932.D

Acq: 29 Feb 2024 12:15

Instrument :

BNA_P

ClientSampleId :

PB159345BS

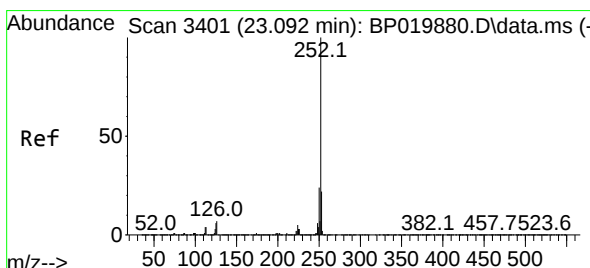
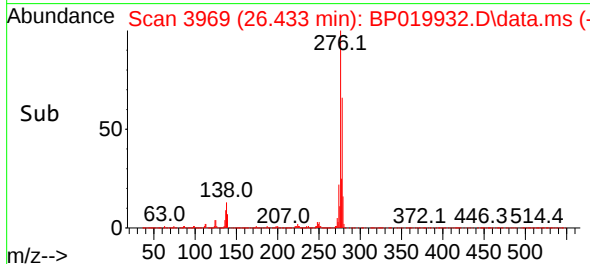
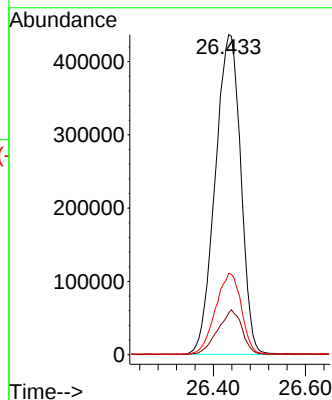
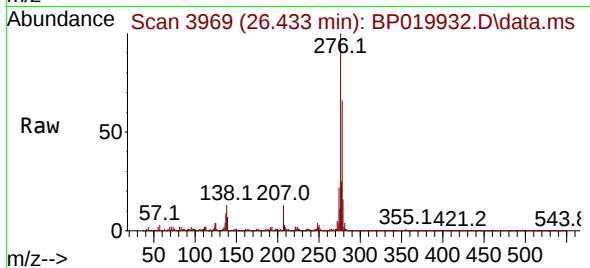
Tgt Ion:276 Resp: 1673391

Ion Ratio Lower Upper

276 100

138 13.2 11.7 17.5

277 25.4 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 51.273 ng

RT: 23.122 min Scan# 3406

Delta R.T. 0.000 min

Lab File: BP019932.D

Acq: 29 Feb 2024 12:15

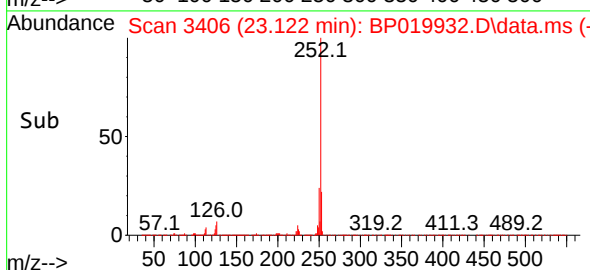
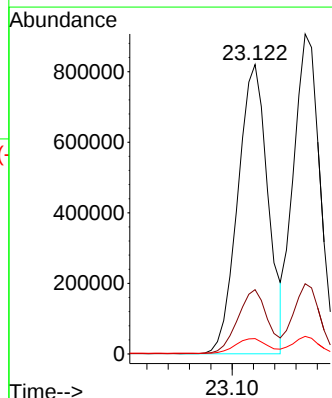
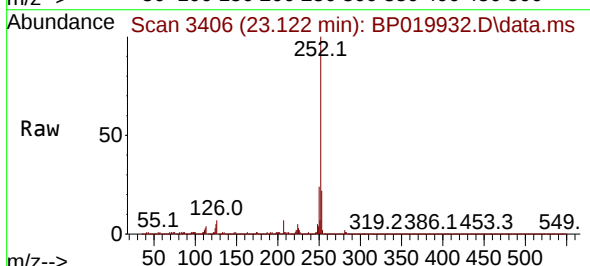
Tgt Ion:252 Resp: 1619313

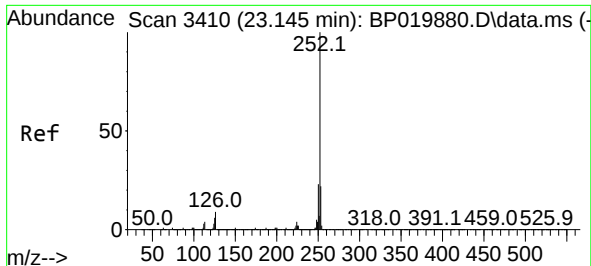
Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 5.3 4.6 7.0

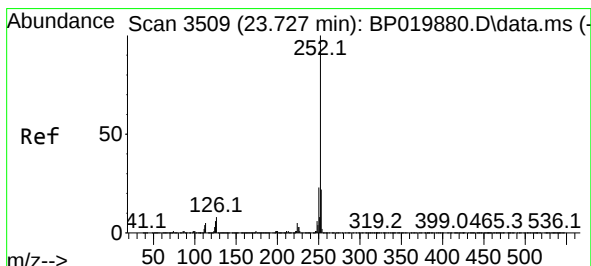
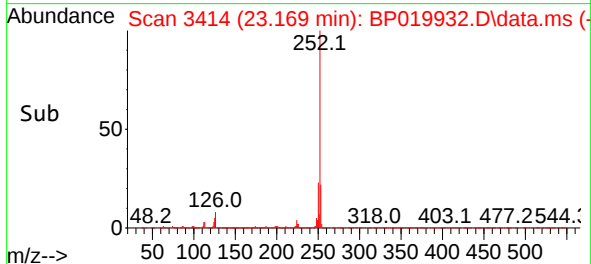
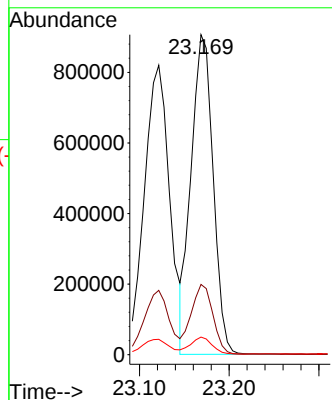
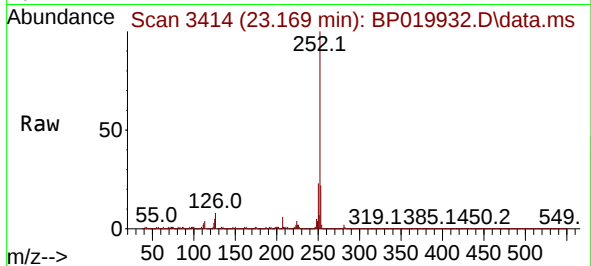




#89
Benzo(k)fluoranthene
Concen: 49.870 ng
RT: 23.169 min Scan# 3410
Delta R.T. -0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

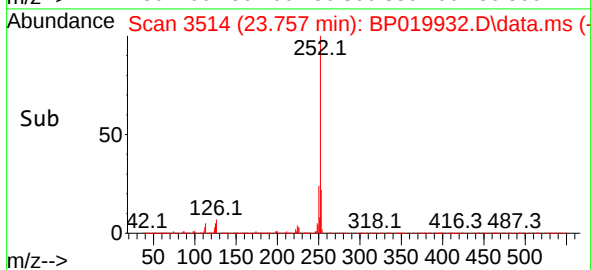
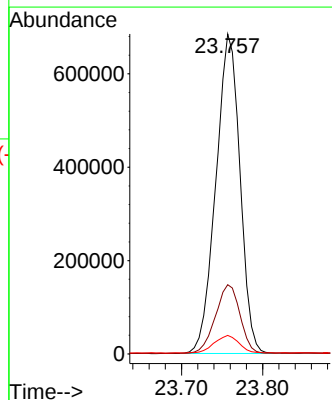
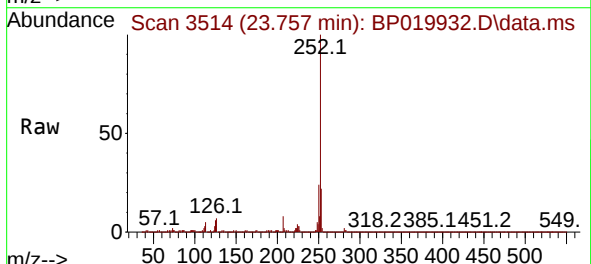
Instrument :
BNA_P
ClientSampleId :
PB159345BS

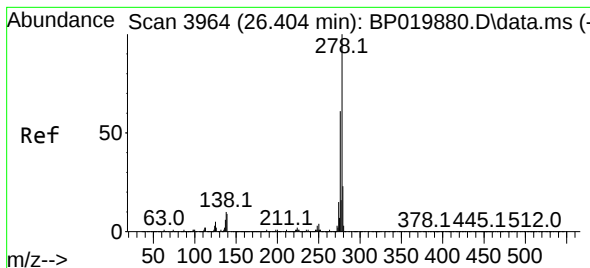
Tgt Ion:252 Resp: 1544669
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 5.5 4.6 6.8



#90
Benzo(a)pyrene
Concen: 46.839 ng
RT: 23.757 min Scan# 3514
Delta R.T. -0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:252 Resp: 1413688
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 5.8 5.2 7.8





#91

Dibenzo(a,h)anthracene

Concen: 46.232 ng

RT: 26.457 min Scan# 3964

Delta R.T. -0.006 min

Lab File: BP019932.D

Acq: 29 Feb 2024 12:15

Instrument :

BNA_P

ClientSampleId :

PB159345BS

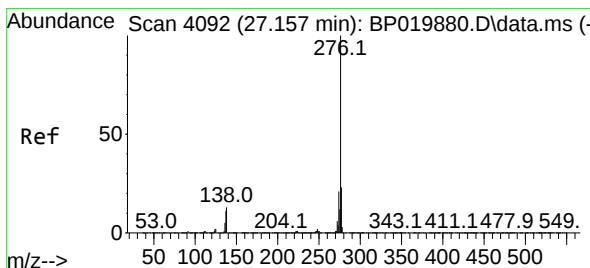
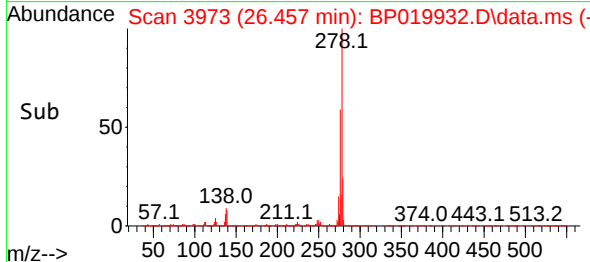
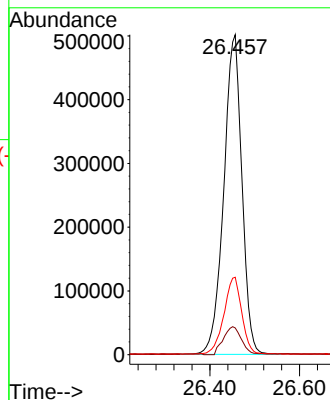
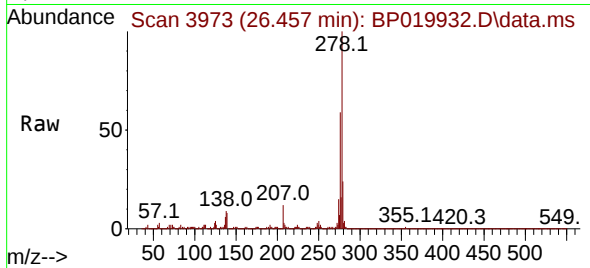
Tgt Ion:278 Resp: 1409488

Ion Ratio Lower Upper

278 100

139 8.4 7.4 11.0

279 24.2 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 43.581 ng

RT: 27.215 min Scan# 4102

Delta R.T. -0.012 min

Lab File: BP019932.D

Acq: 29 Feb 2024 12:15

Tgt Ion:276 Resp: 1282626

Ion Ratio Lower Upper

276 100

277 23.5 18.5 27.7

138 11.6 10.2 15.2

