

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080323\
 Data File : BP016494.D
 Acq On : 03 Aug 2023 16:15
 Operator : MA/JU
 Sample : PB154350BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB154350BSD

Quant Time: Aug 03 18:35:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 03 18:07:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	430382	20.000	ng	0.00
21) Naphthalene-d8	10.904	136	1599921	20.000	ng	0.00
39) Acenaphthene-d10	14.722	164	823742	20.000	ng	0.00
64) Phenanthrene-d10	17.486	188	1553479	20.000	ng	0.00
76) Chrysene-d12	21.580	240	1251848	20.000	ng	# 0.00
86) Perylene-d12	24.174	264	1398142	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	4053528	153.654	ng	0.00
7) Phenol-d6	7.216	99	4890115	135.237	ng	0.00
23) Nitrobenzene-d5	9.269	82	2946360	103.088	ng	0.00
42) 2,4,6-Tribromophenol	16.216	330	1445620	119.291	ng	0.00
45) 2-Fluorobiphenyl	13.345	172	5816676	101.236	ng	0.00
79) Terphenyl-d14	20.033	244	6850619	115.600	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.446	88	495418	48.150	ng	99
3) Pyridine	3.858	79	1311270	42.636	ng	99
4) n-Nitrosodimethylamine	3.787	42	557033	48.037	ng	92
6) Aniline	7.405	93	1748422	39.147	ng	99
8) 2-Chlorophenol	7.622	128	1434567	51.864	ng	96
9) Benzaldehyde	7.222	77	765783	48.188	ng	97
10) Phenol	7.240	94	1771631	50.452	ng	99
11) bis(2-Chloroethyl)ether	7.505	93	1423167	49.858	ng	99
12) 1,3-Dichlorobenzene	7.952	146	1589735	53.537	ng	99
13) 1,4-Dichlorobenzene	8.110	146	1611678	53.506	ng	100
14) 1,2-Dichlorobenzene	8.422	146	1530426	52.771	ng	99
15) Benzyl Alcohol	8.322	79	1164061	47.121	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.605	45	1637803	50.593	ng	99
17) 2-Methylphenol	8.510	107	1151064	45.483	ng	99
18) Hexachloroethane	9.146	117	587496	54.681	ng	94
19) n-Nitroso-di-n-propyla...	8.893	70	968797	42.767	ng	98
20) 3+4-Methylphenols	8.840	107	1519830	44.219	ng	99
22) Acetophenone	8.922	105	2027395	50.189	ng	# 99
24) Nitrobenzene	9.310	77	1501810	51.159	ng	97
25) Isophorone	9.828	82	2640452	45.759	ng	99
26) 2-Nitrophenol	10.016	139	678292	53.245	ng	96
27) 2,4-Dimethylphenol	10.051	122	1270723	49.224	ng	99
28) bis(2-Chloroethoxy)met...	10.316	93	1731403	48.985	ng	100
29) 2,4-Dichlorophenol	10.540	162	1185774	49.081	ng	98
30) 1,2,4-Trichlorobenzene	10.751	180	1339523	51.190	ng	99
31) Naphthalene	10.957	128	4102269	49.019	ng	100
32) Benzoic acid	10.181	122	739812	44.246	ng	98
33) 4-Chloroaniline	11.081	127	926133	24.534	ng	99
34) Hexachlorobutadiene	11.193	225	767248	49.524	ng	99
35) Caprolactam	11.898	113	356025	40.329	ng	99
36) 4-Chloro-3-methylphenol	12.169	107	1212626	45.155	ng	99
37) 2-Methylnaphthalene	12.551	142	2676723	44.028	ng	98
38) 1-Methylnaphthalene	12.775	142	2488254	43.655	ng	100
40) 1,2,4,5-Tetrachloroben...	12.898	216	1323960	52.889	ng	99
41) Hexachlorocyclopentadiene	12.857	237	1805931	143.642	ng	100
43) 2,4,6-Trichlorophenol	13.145	196	859585	53.517	ng	99

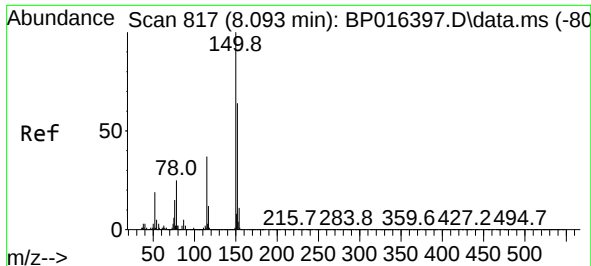
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.216	196	925089	47.472	ng	97
46) 1,1'-Biphenyl	13.557	154	3261740	51.945	ng	99
47) 2-Chloronaphthalene	13.604	162	2551777	53.866	ng	99
48) 2-Nitroaniline	13.828	65	690650	51.721	ng	99
49) Acenaphthylene	14.451	152	3912698	49.779	ng	99
50) Dimethylphthalate	14.181	163	2918232	45.462	ng	99
51) 2,6-Dinitrotoluene	14.316	165	645368	49.076	ng	94
52) Acenaphthene	14.787	154	2337555	50.011	ng	100
53) 3-Nitroaniline	14.651	138	543604	36.564	ng	95
54) 2,4-Dinitrophenol	14.851	184	631451	100.377	ng	99
55) Dibenzofuran	15.122	168	3625089	47.289	ng	99
56) 4-Nitrophenol	14.934	139	1227189	105.447	ng	97
57) 2,4-Dinitrotoluene	15.098	165	838758	48.940	ng	98
58) Fluorene	15.769	166	2770355	46.001	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.334	232	749191	46.736	ng	93
60) Diethylphthalate	15.534	149	2794987	43.814	ng	99
61) 4-Chlorophenyl-phenyle...	15.763	204	1365080	44.918	ng	97
62) 4-Nitroaniline	15.822	138	631825	42.823	ng	97
63) Azobenzene	16.057	77	2812957	46.700	ng	97
65) 4,6-Dinitro-2-methylph...	15.845	198	411512	55.447	ng	96
66) n-Nitrosodiphenylamine	15.986	169	2418313	52.822	ng	100
67) 4-Bromophenyl-phenylether	16.663	248	821953	49.969	ng	94
68) Hexachlorobenzene	16.745	284	935753	51.011	ng	95
69) Atrazine	16.933	200	814878	59.849	ng	99
70) Pentachlorophenol	17.110	266	1182291	93.135	ng	95
71) Phenanthrene	17.528	178	4161804	50.453	ng	99
72) Anthracene	17.622	178	4185472	50.460	ng	100
73) Carbazole	17.898	167	3871029	49.778	ng	99
74) Di-n-butylphthalate	18.416	149	4492074	49.929	ng	100
75) Fluoranthene	19.486	202	4507412	46.620	ng	98
77) Benzidine	19.686	184	2061976	95.004	ng	99
78) Pyrene	19.845	202	4632278	55.200	ng	100
80) Butylbenzylphthalate	20.704	149	1882248	57.094	ng	96
81) Benzo(a)anthracene	21.563	228	4274137	50.887	ng	99
82) 3,3'-Dichlorobenzidine	21.498	252	1226812	44.495	ng #	99
83) Chrysene	21.621	228	3986198	49.699	ng	100
84) Bis(2-ethylhexyl)phtha...	21.451	149	2693046	54.409	ng	100
85) Di-n-octyl phthalate	22.439	149	4538198	54.516	ng	99
87) Indeno(1,2,3-cd)pyrene	26.939	276	5399780	57.286	ng	96
88) Benzo(b)fluoranthene	23.368	252	4324631	53.361	ng	98
89) Benzo(k)fluoranthene	23.421	252	4370686	53.026	ng	98
90) Benzo(a)pyrene	24.057	252	3889849	49.551	ng	99
91) Dibenzo(a,h)anthracene	26.974	278	4503435	57.290	ng	97
92) Benzo(g,h,i)perylene	27.809	276	4482684	59.176	ng	98

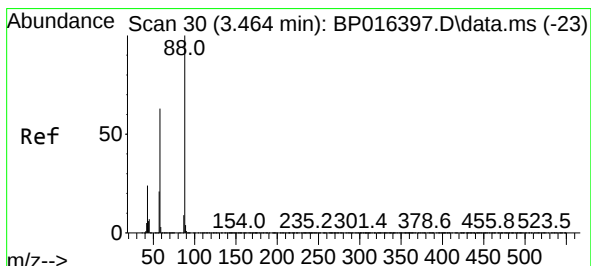
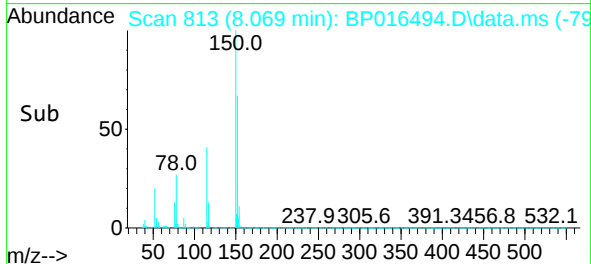
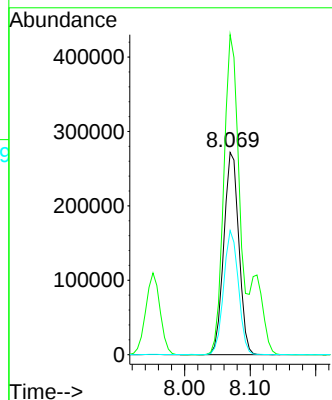
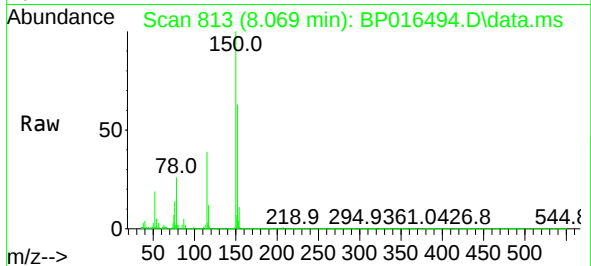
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.069 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BP016494.D
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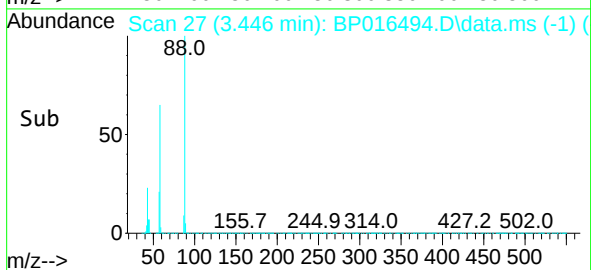
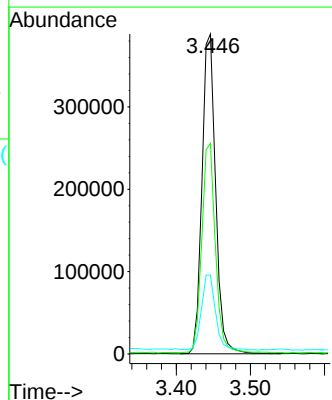
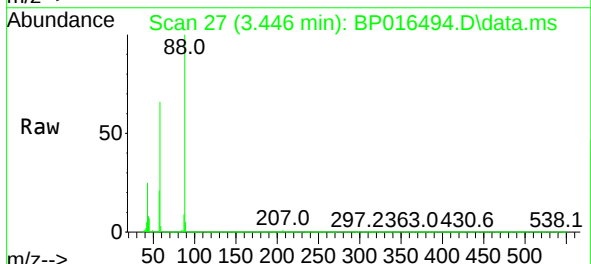
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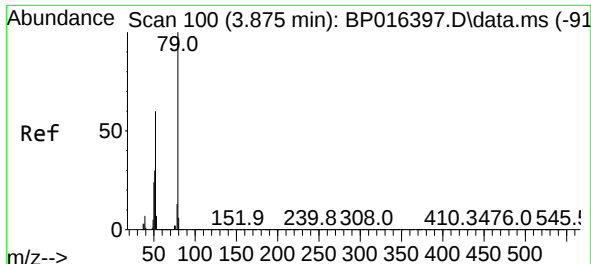
Tgt Ion:152 Resp: 430382
 Ion Ratio Lower Upper
 152 100
 150 158.2 124.9 187.3
 115 61.4 46.8 70.2



#2
 1,4-Dioxane
 Concen: 48.150 ng
 RT: 3.446 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: BP016494.D
 Acq: 03 Aug 2023 16:15

Tgt Ion: 88 Resp: 495418
 Ion Ratio Lower Upper
 88 100
 58 65.1 51.7 77.5
 43 24.6 19.2 28.8

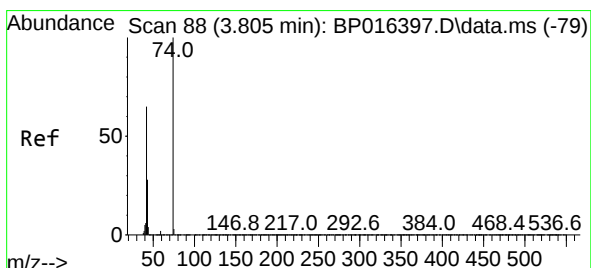
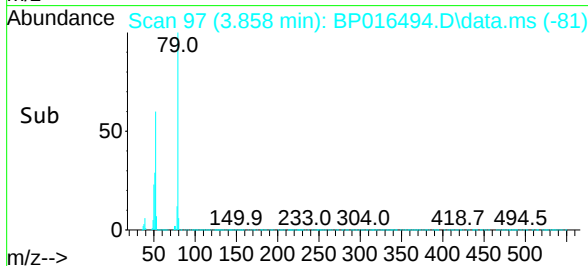
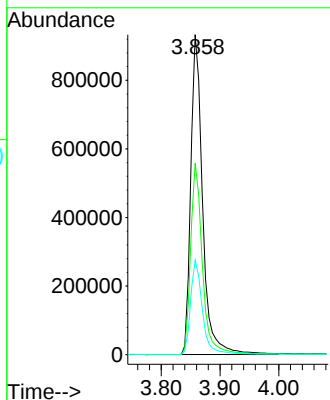
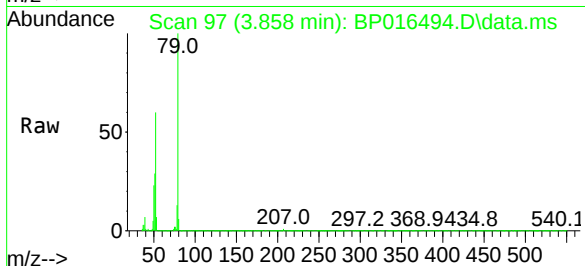




#3
 Pyridine
 Concen: 42.636 ng
 RT: 3.858 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BP016494.D
 Acq: 03 Aug 2023 16:15

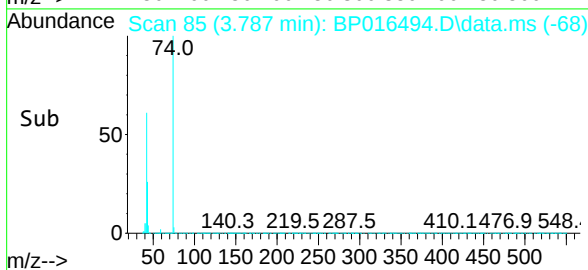
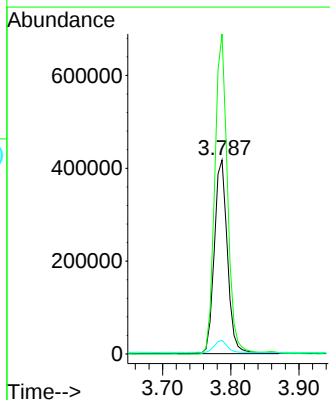
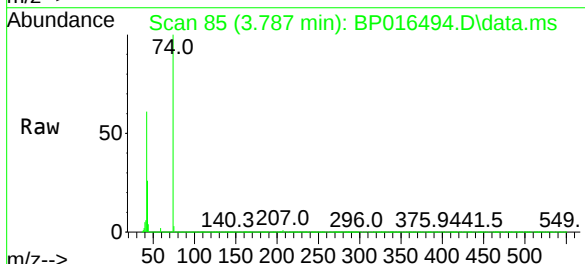
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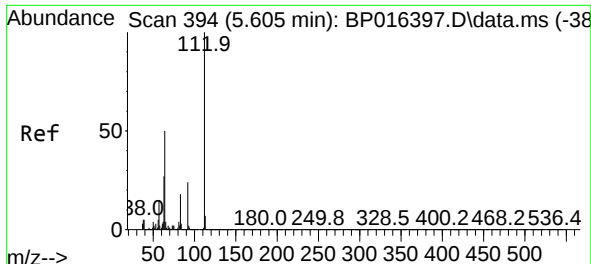
Tgt Ion: 79 Resp: 1311270
 Ion Ratio Lower Upper
 79 100
 52 59.9 47.9 71.9
 51 29.5 24.4 36.6



#4
 n-Nitrosodimethylamine
 Concen: 48.037 ng
 RT: 3.787 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: BP016494.D
 Acq: 03 Aug 2023 16:15

Tgt Ion: 42 Resp: 557033
 Ion Ratio Lower Upper
 42 100
 74 165.0 123.8 185.8
 44 7.0 5.5 8.3

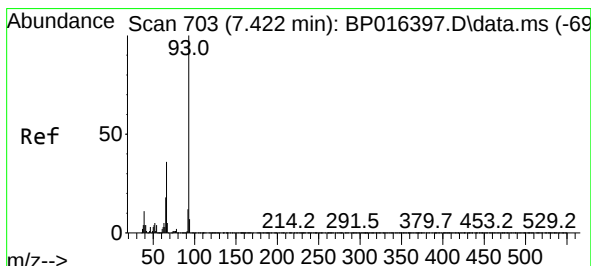
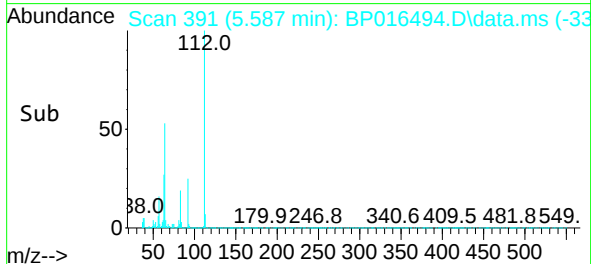
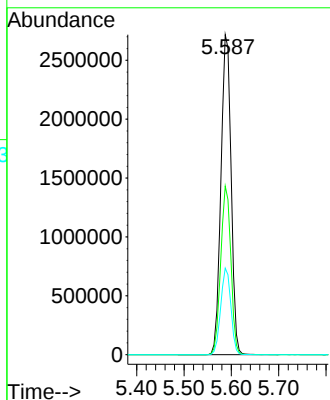
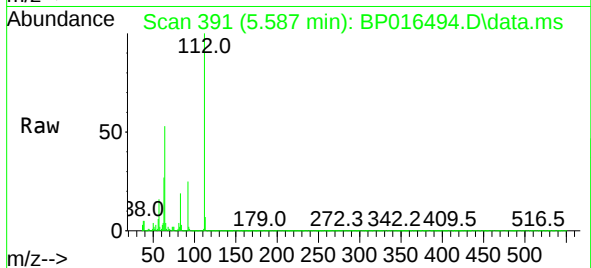




#5
2-Fluorophenol
Concen: 153.654 ng
RT: 5.587 min Scan# 394
Delta R.T. 0.006 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

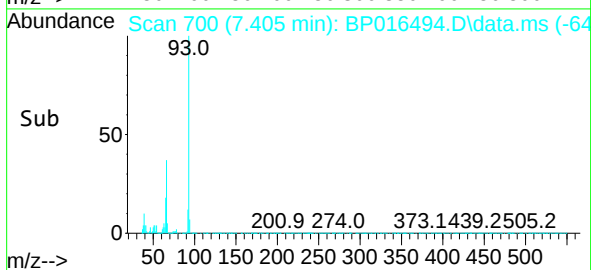
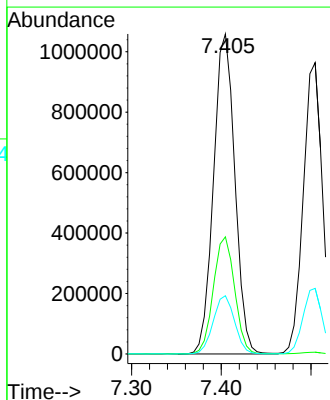
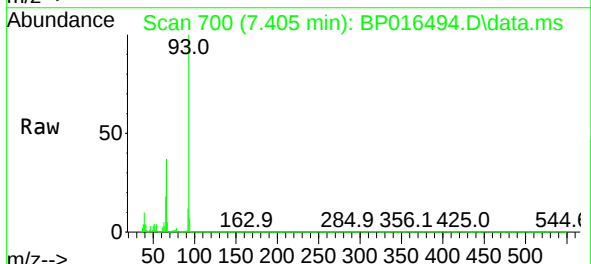
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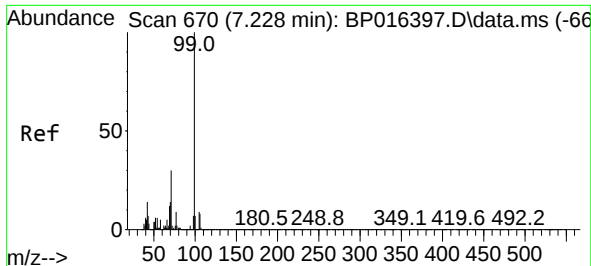
Tgt Ion:112 Resp: 4053528
Ion Ratio Lower Upper
112 100
64 52.7 40.0 60.0
63 27.0 21.2 31.8



#6
Aniline
Concen: 39.147 ng
RT: 7.405 min Scan# 700
Delta R.T. -0.000 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

Tgt Ion: 93 Resp: 1748422
Ion Ratio Lower Upper
93 100
66 36.6 28.9 43.3
65 18.2 14.7 22.1

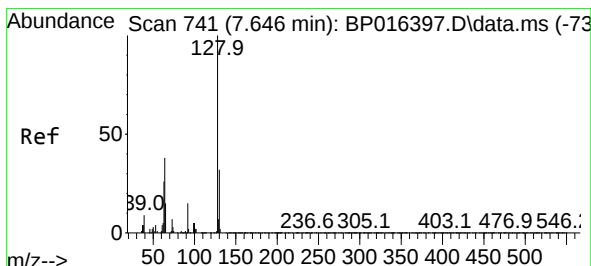
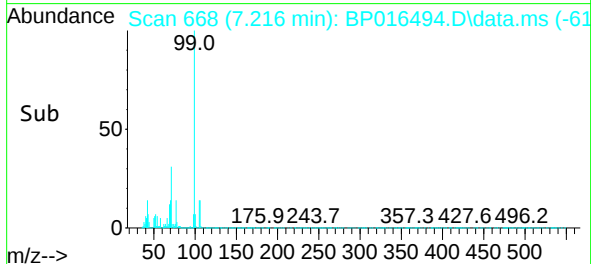
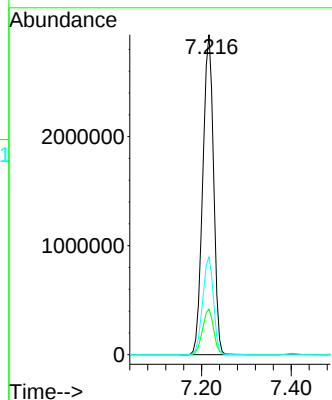
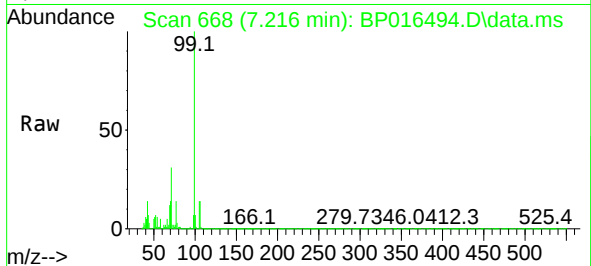




#7
Phenol-d6
Concen: 135.237 ng
RT: 7.216 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

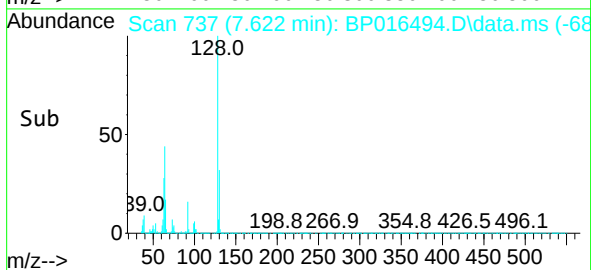
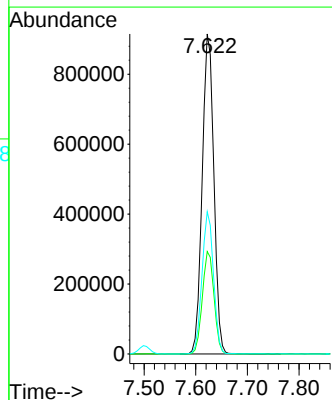
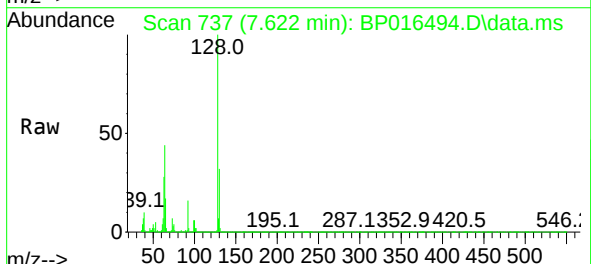
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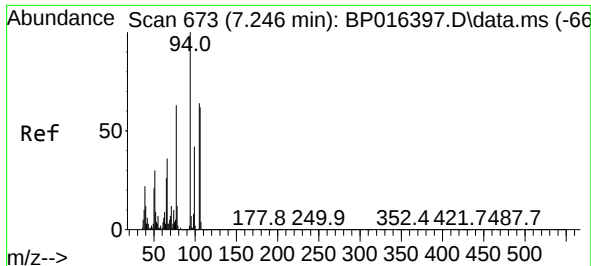
Tgt Ion: 99 Resp: 4890115
Ion Ratio Lower Upper
99 100
42 14.2 11.6 17.4
71 30.6 24.3 36.5



#8
2-Chlorophenol
Concen: 51.864 ng
RT: 7.622 min Scan# 737
Delta R.T. -0.000 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

Tgt Ion: 128 Resp: 1434567
Ion Ratio Lower Upper
128 100
130 32.0 11.6 51.6
64 44.5 20.6 60.6

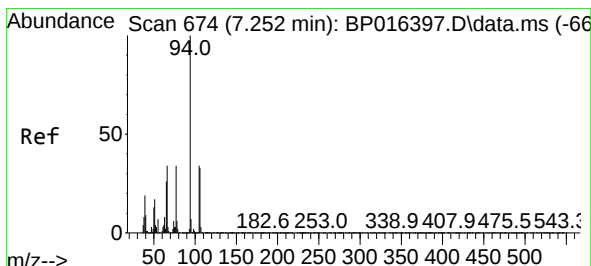
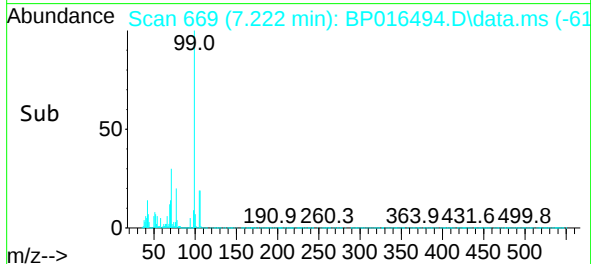
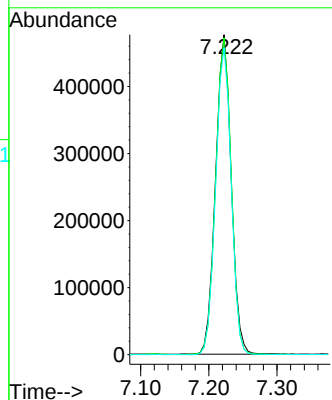
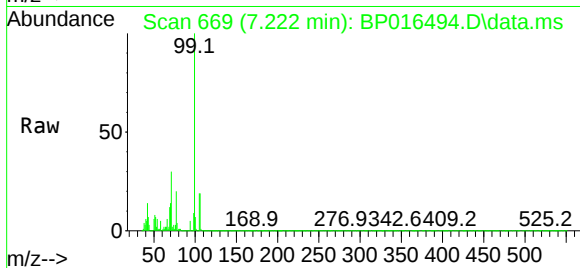




#9
Benzaldehyde
Concen: 48.188 ng
RT: 7.222 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

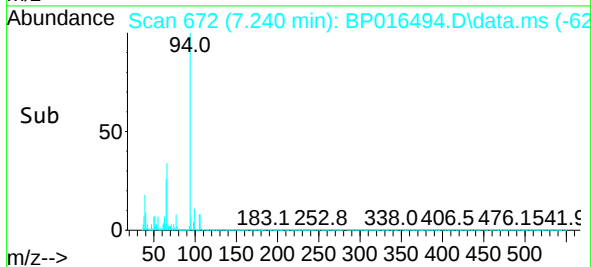
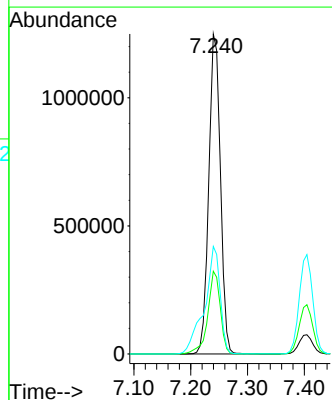
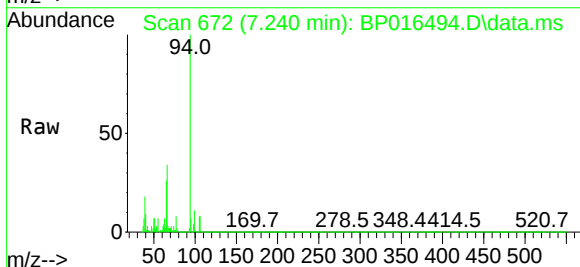
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BNA_P
ClientSampleId :
PB154350BSD

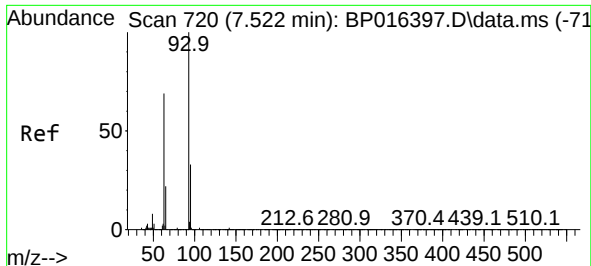
Tgt Ion: 77 Resp: 765783
Ion Ratio Lower Upper
77 100
105 99.0 81.9 121.9
106 96.0 78.8 118.8



#10
Phenol
Concen: 50.452 ng
RT: 7.240 min Scan# 672
Delta R.T. -0.000 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

Tgt Ion: 94 Resp: 1771631
Ion Ratio Lower Upper
94 100
65 25.9 5.9 45.9
66 33.6 14.3 54.3

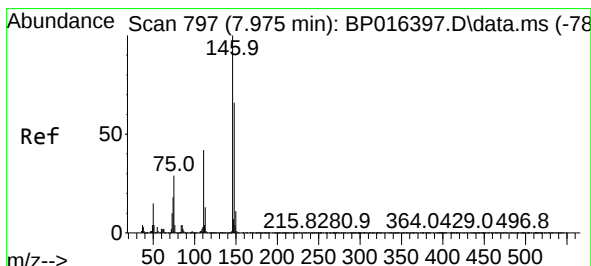
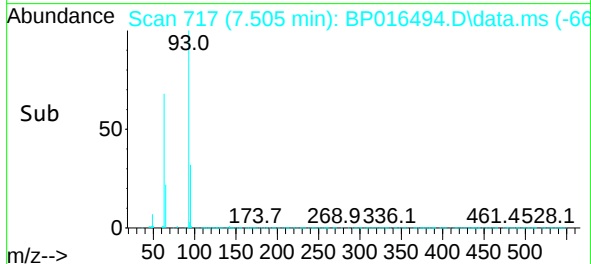
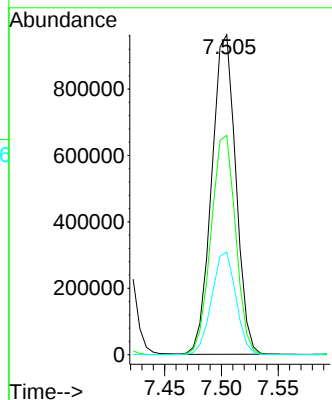
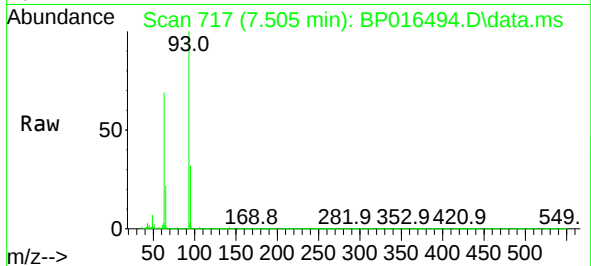




#11
bis(2-Chloroethyl)ether
Concen: 49.858 ng
RT: 7.505 min Scan# 711
Delta R.T. 0.006 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

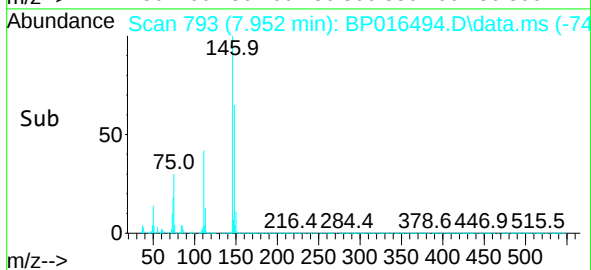
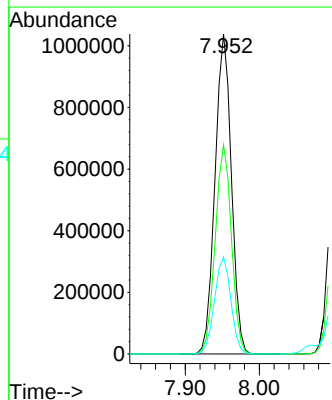
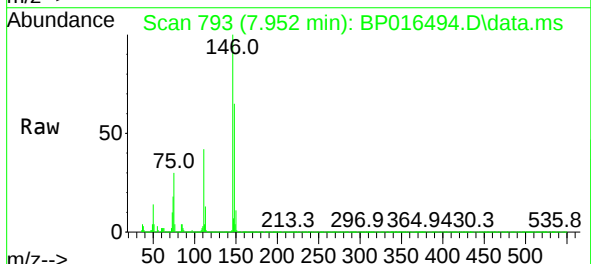
Instrument :
BNA_P
ClientSampleId :
PB154350BSD

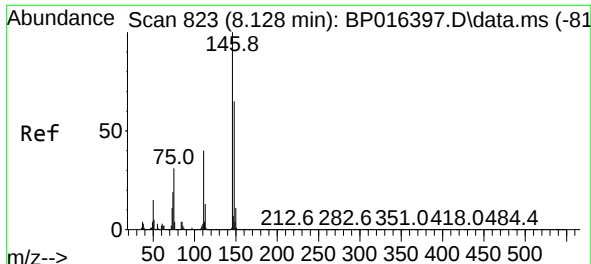
Tgt Ion: 93 Resp: 1423167
Ion Ratio Lower Upper
93 100
63 68.5 49.4 89.4
95 32.1 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 53.537 ng
RT: 7.952 min Scan# 793
Delta R.T. -0.000 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

Tgt Ion:146 Resp: 1589735
Ion Ratio Lower Upper
146 100
148 65.3 53.0 79.4
75 30.2 23.4 35.2

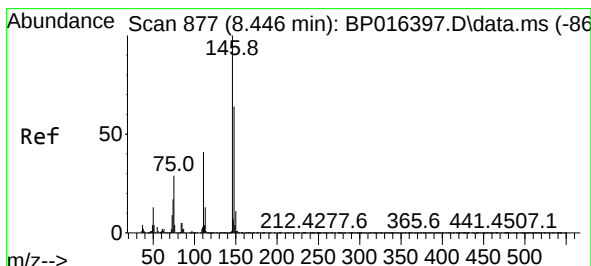
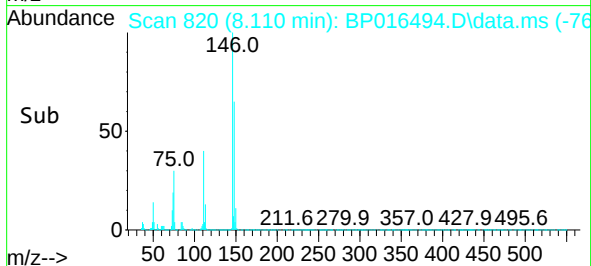
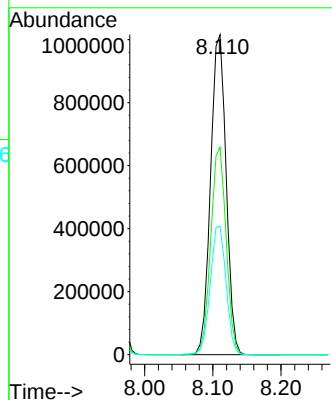
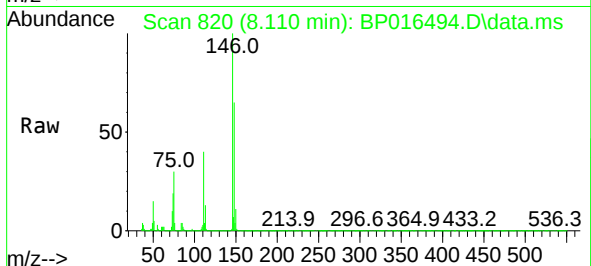




#13
1,4-Dichlorobenzene
Concen: 53.506 ng
RT: 8.110 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

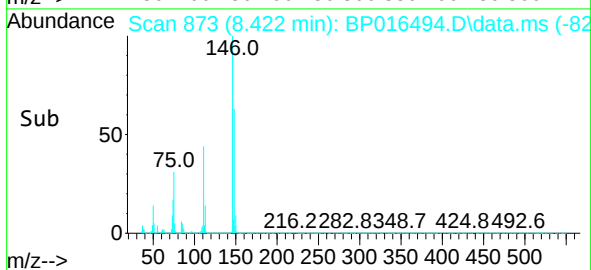
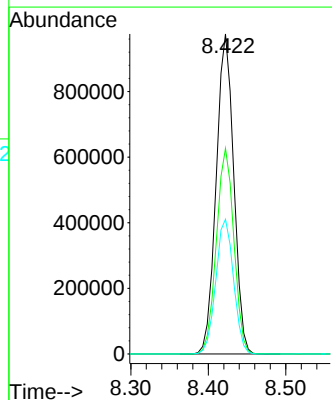
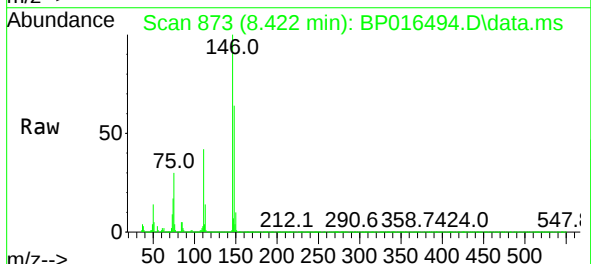
Instrument :
BNA_P
ClientSampleId :
PB154350BSD

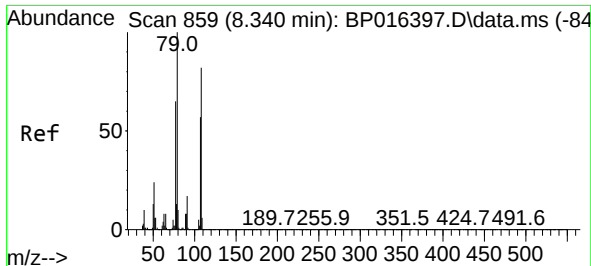
Tgt Ion:146 Resp: 1611678
Ion Ratio Lower Upper
146 100
148 64.8 51.7 77.5
111 40.2 32.0 48.0



#14
1,2-Dichlorobenzene
Concen: 52.771 ng
RT: 8.422 min Scan# 873
Delta R.T. -0.000 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

Tgt Ion:146 Resp: 1530426
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.6
111 42.1 32.6 49.0

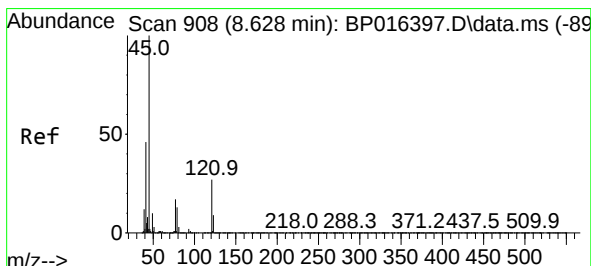
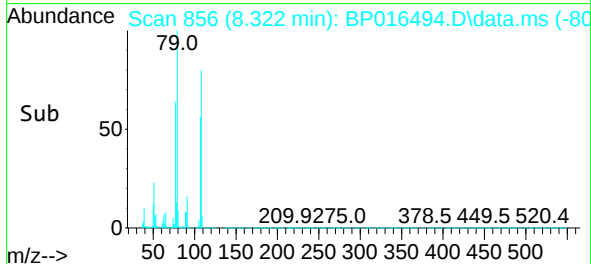
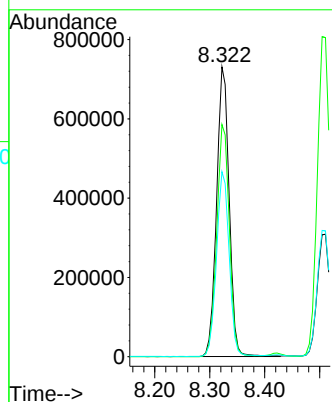
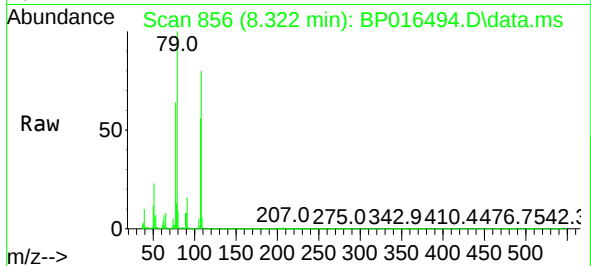




#15
Benzyl Alcohol
Concen: 47.121 ng
RT: 8.322 min Scan# 856
Delta R.T. -0.000 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

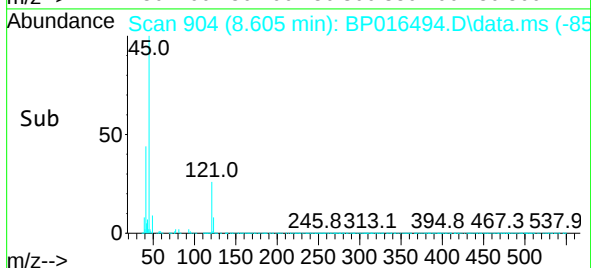
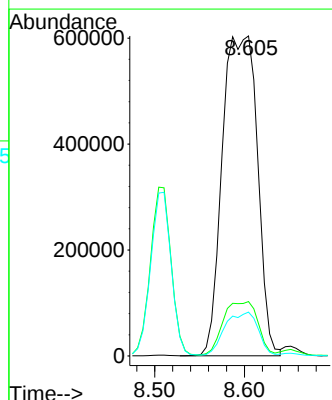
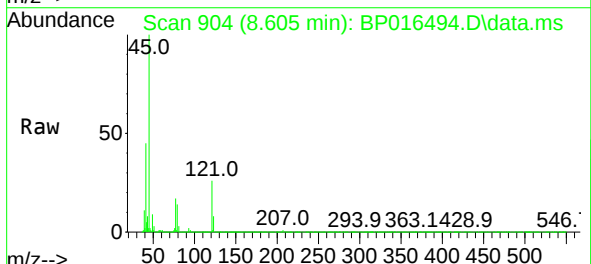
Instrument :
BNA_P
ClientSampleId :
PB154350BSD

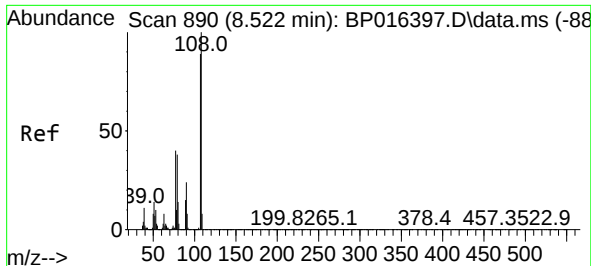
Tgt Ion: 79 Resp: 1164061
Ion Ratio Lower Upper
79 100
108 80.1 65.4 98.2
77 63.8 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.593 ng
RT: 8.605 min Scan# 904
Delta R.T. -0.000 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

Tgt Ion: 45 Resp: 1637803
Ion Ratio Lower Upper
45 100
77 17.0 0.0 37.3
79 13.7 0.0 33.3





#17

2-Methylphenol

Concen: 45.483 ng

RT: 8.510 min Scan# 81

Delta R.T. 0.006 min

Lab File: BP016494.D

Acq: 03 Aug 2023 16:15

Instrument :

BNA_P

ClientSampleId :

PB154350BSD

Tgt Ion:107 Resp: 1151064

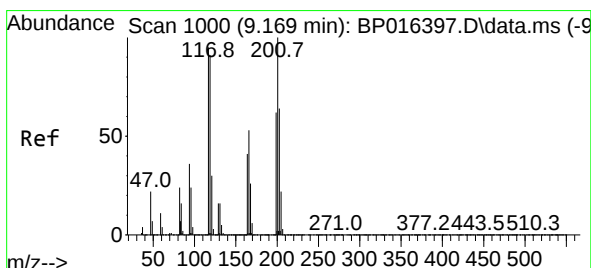
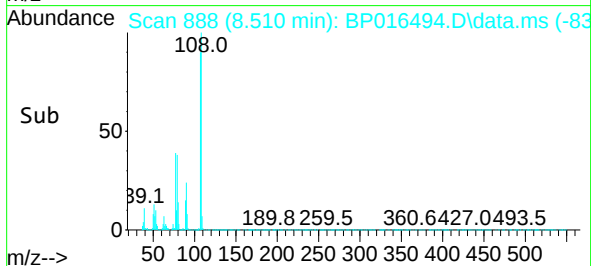
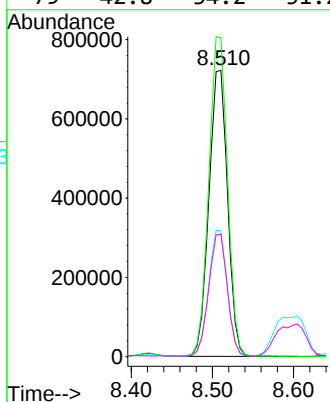
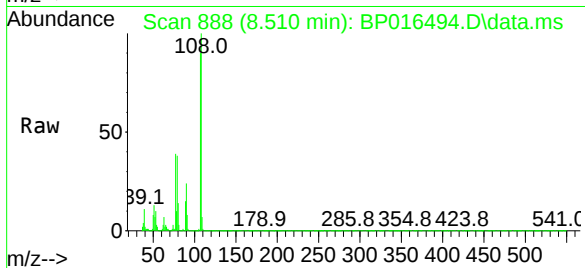
Ion Ratio Lower Upper

107 100

108 111.4 89.6 134.4

77 43.9 35.6 53.4

79 42.8 34.2 51.2



#18

Hexachloroethane

Concen: 54.681 ng

RT: 9.146 min Scan# 996

Delta R.T. -0.006 min

Lab File: BP016494.D

Acq: 03 Aug 2023 16:15

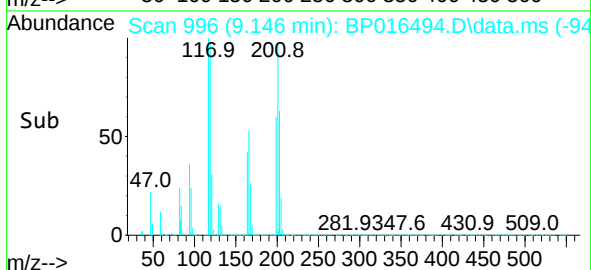
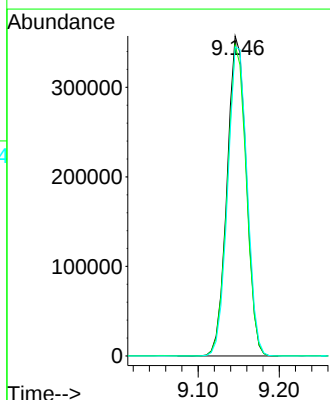
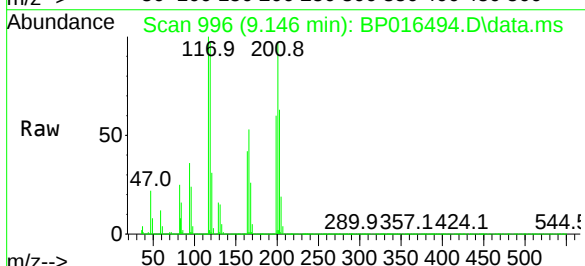
Tgt Ion:117 Resp: 587496

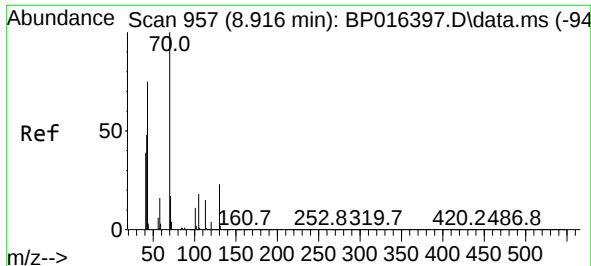
Ion Ratio Lower Upper

117 100

119 97.2 76.9 115.3

201 96.6 86.2 129.4





#19

n-Nitroso-di-n-propylamine

Concen: 42.767 ng

RT: 8.893 min Scan# 91

Delta R.T. -0.000 min

Lab File: BP016494.D

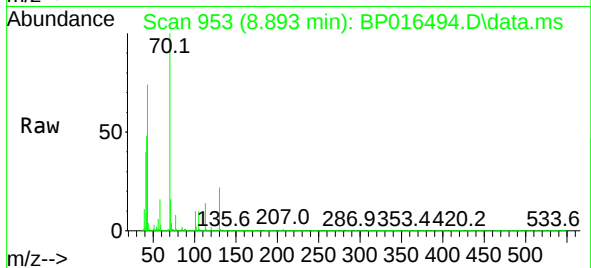
Acq: 03 Aug 2023 16:15

Instrument :

BNA_P

ClientSampleId :

PB154350BSD



Tgt Ion: 70 Resp: 968797

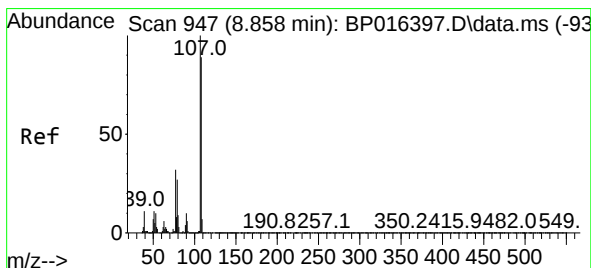
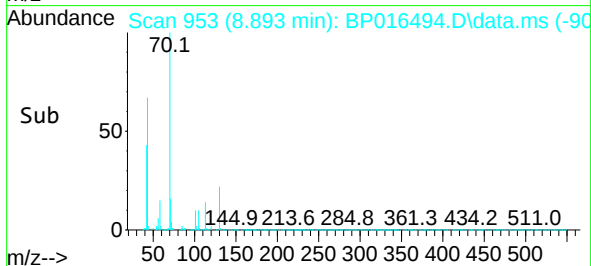
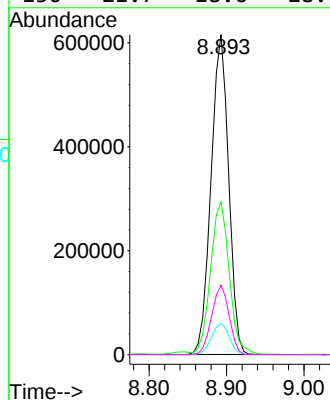
Ion Ratio Lower Upper

70 100

42 47.8 39.3 58.9

101 9.8 8.6 12.8

130 21.7 18.6 28.0



#20

3+4-Methylphenols

Concen: 44.219 ng

RT: 8.840 min Scan# 944

Delta R.T. -0.000 min

Lab File: BP016494.D

Acq: 03 Aug 2023 16:15

Tgt Ion: 107 Resp: 1519830

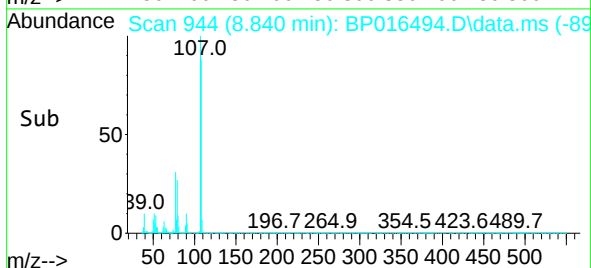
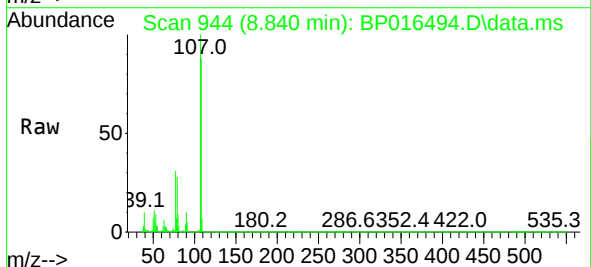
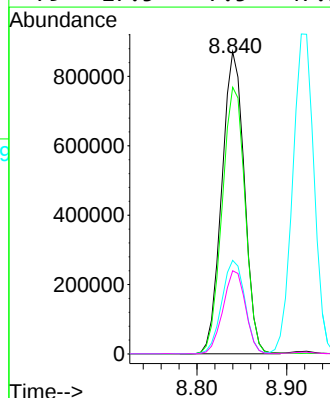
Ion Ratio Lower Upper

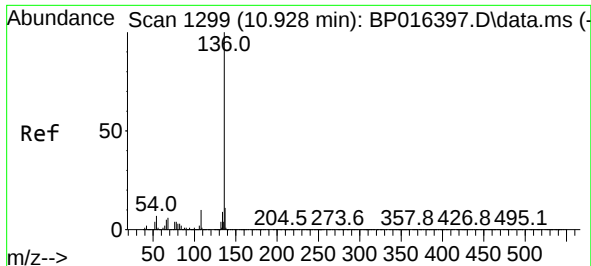
107 100

108 88.3 69.1 109.1

77 31.0 12.0 52.0

79 27.5 7.5 47.5



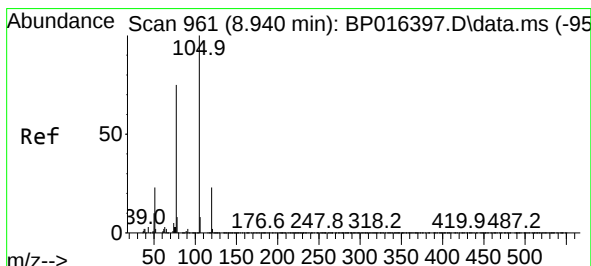
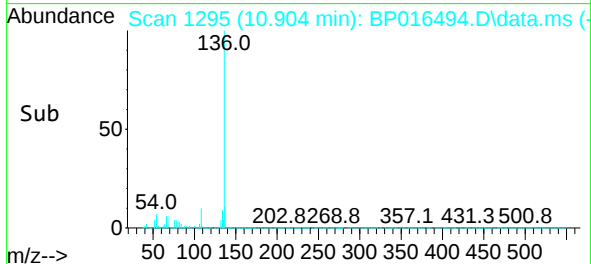
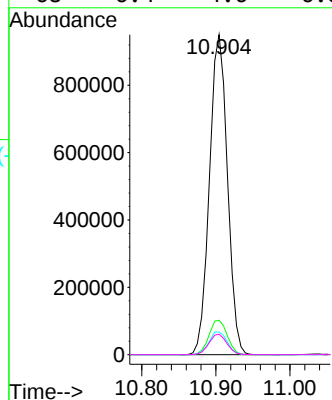
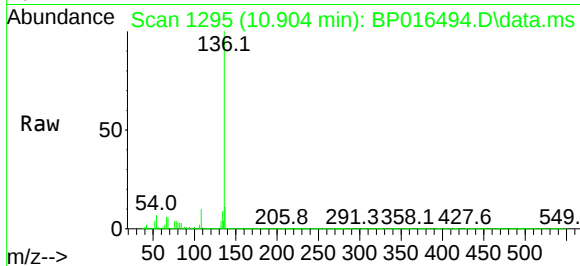


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

Instrument :
BNA_P
ClientSampleId :
PB154350BSD

Tgt Ion:136 Resp: 1599921

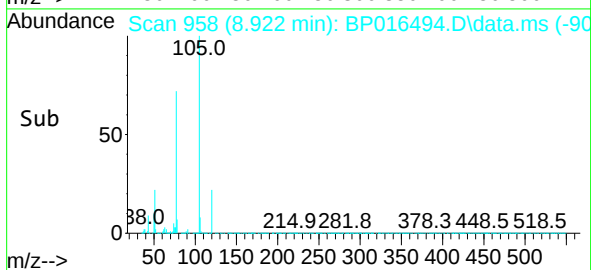
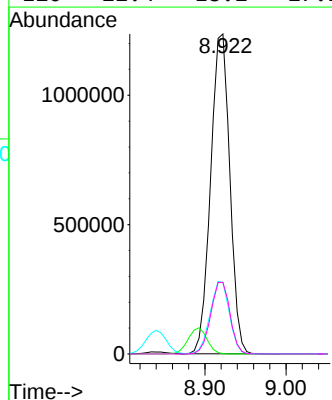
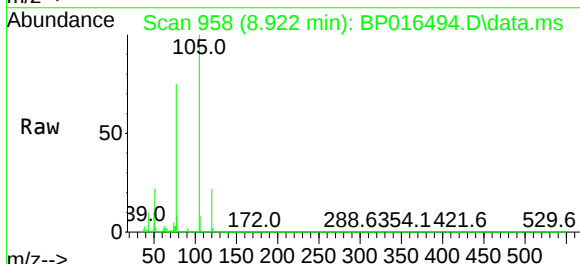
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	7.1	5.6	8.4
68	6.4	4.6	6.8

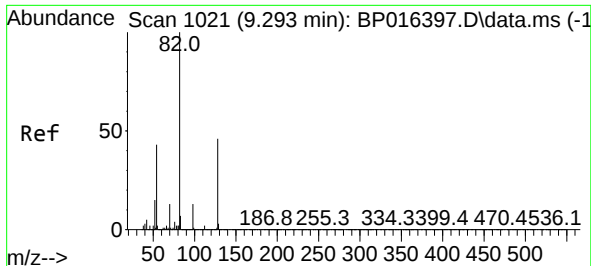


#22
Acetophenone
Concen: 50.189 ng
RT: 8.922 min Scan# 958
Delta R.T. -0.000 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

Tgt Ion:105 Resp: 2027395

Ion	Ratio	Lower	Upper
105	100		
71	0.1	0.2	0.2#
51	22.3	18.3	27.5
120	22.4	18.2	27.2

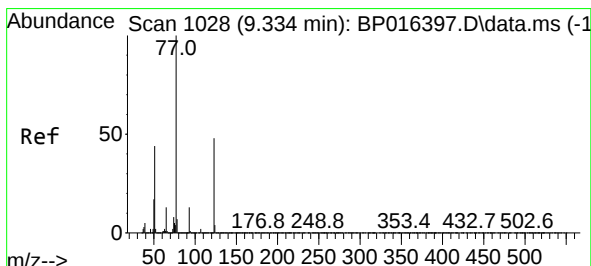
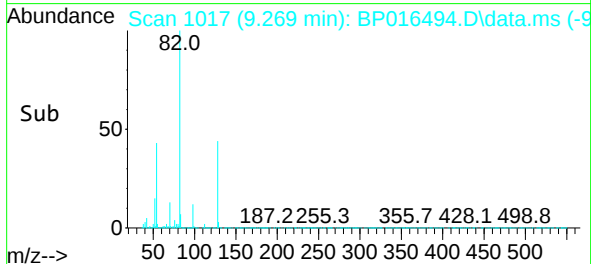
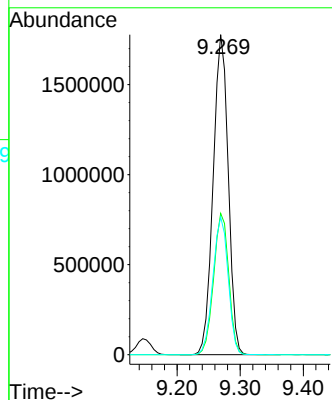
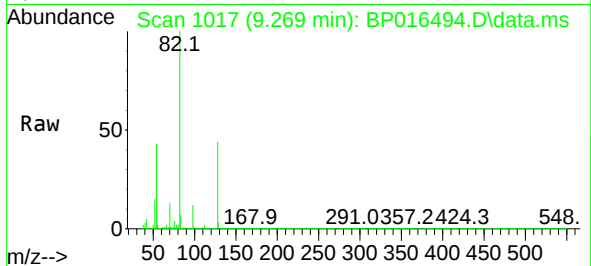




#23
Nitrobenzene-d5
Concen: 103.088 ng
RT: 9.269 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

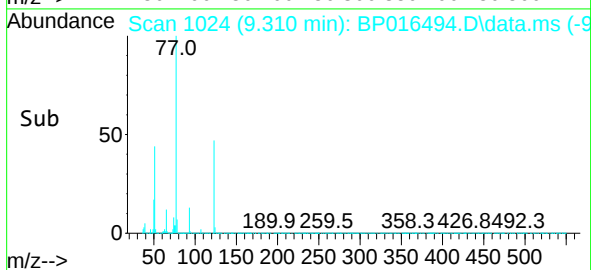
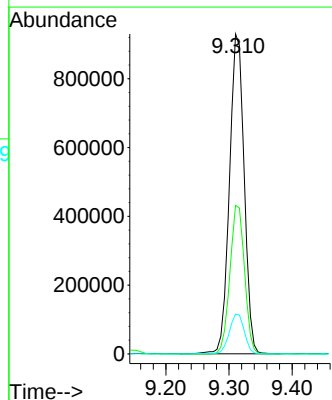
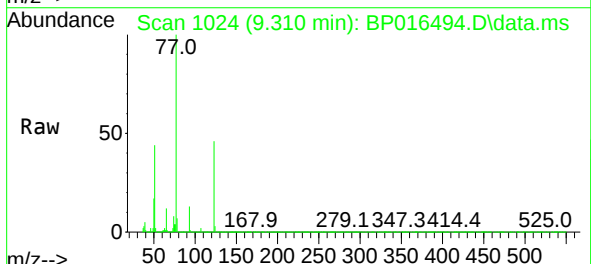
Instrument :
BNA_P
ClientSampleId :
PB154350BSD

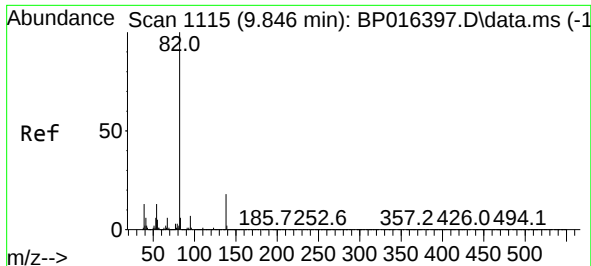
Tgt Ion: 82 Resp: 2946360
Ion Ratio Lower Upper
82 100
128 44.1 36.6 55.0
54 43.0 34.5 51.7



#24
Nitrobenzene
Concen: 51.159 ng
RT: 9.310 min Scan# 1024
Delta R.T. -0.000 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

Tgt Ion: 77 Resp: 1501810
Ion Ratio Lower Upper
77 100
123 46.4 38.6 58.0
65 12.4 10.5 15.7

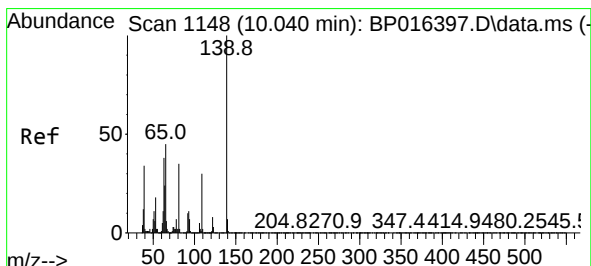
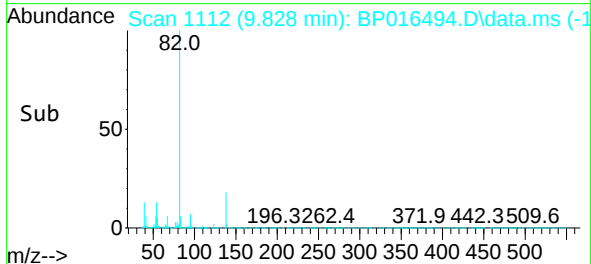
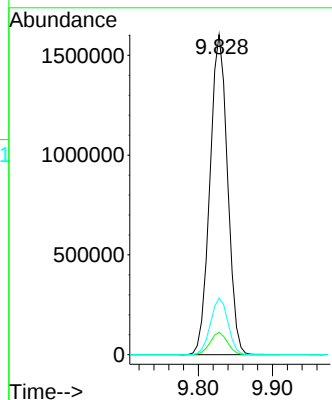
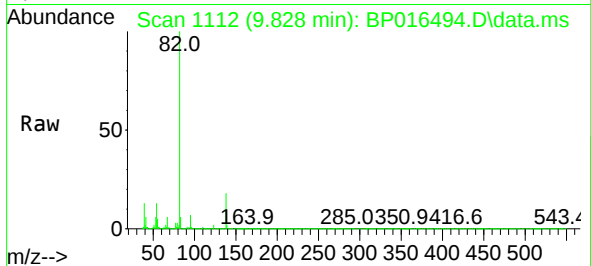




#25
Isophorone
Concen: 45.759 ng
RT: 9.828 min Scan# 1115
Delta R.T. -0.000 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

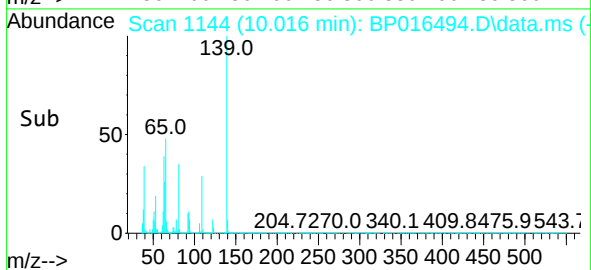
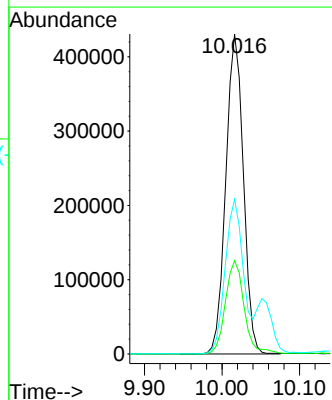
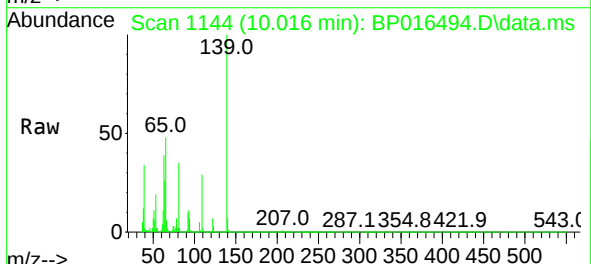
Instrument :
BNA_P
ClientSampleId :
PB154350BSD

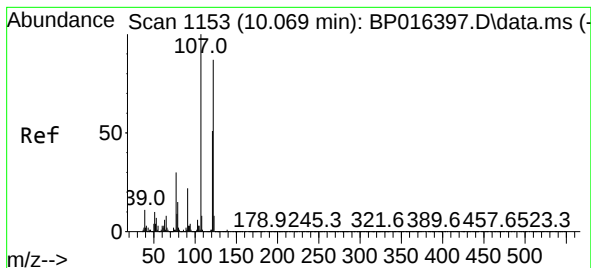
Tgt Ion: 82 Resp: 2640452
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 17.7 14.6 22.0



#26
2-Nitrophenol
Concen: 53.245 ng
RT: 10.016 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

Tgt Ion: 139 Resp: 678292
Ion Ratio Lower Upper
139 100
109 29.2 24.2 36.4
65 48.3 35.8 53.6

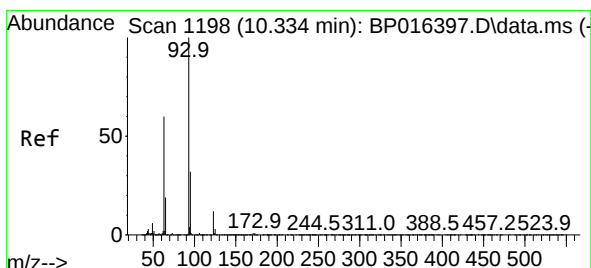
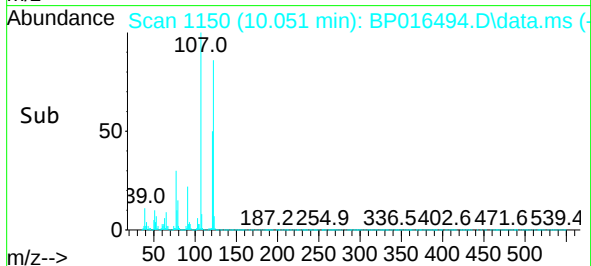
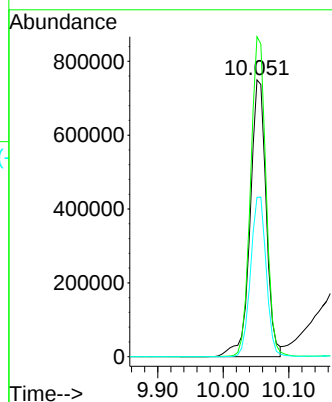
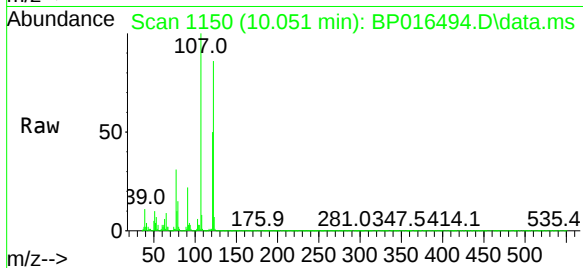




#27
2,4-Dimethylphenol
Concen: 49.224 ng
RT: 10.051 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

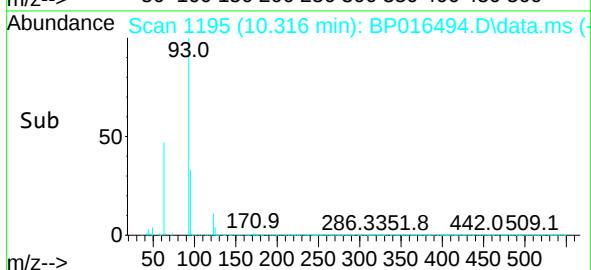
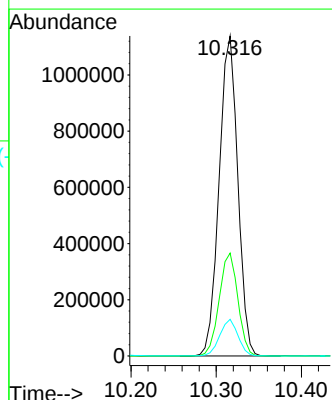
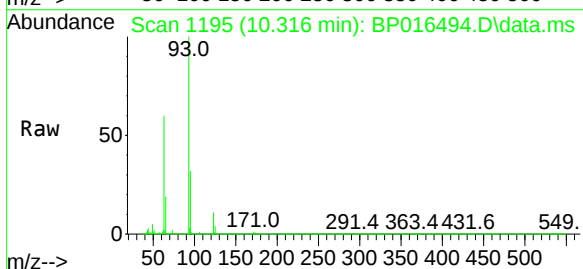
Instrument :
BNA_P
ClientSampleId :
PB154350BSD

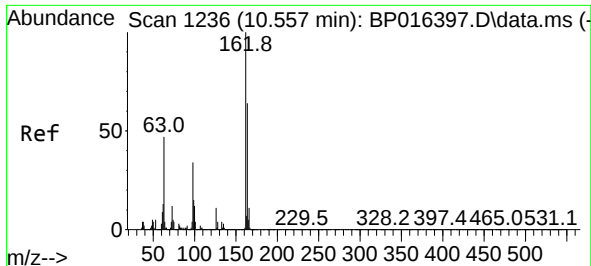
Tgt Ion:122 Resp: 1270723
Ion Ratio Lower Upper
122 100
107 115.6 91.9 137.9
121 57.6 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 48.985 ng
RT: 10.316 min Scan# 1195
Delta R.T. -0.000 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

Tgt Ion: 93 Resp: 1731403
Ion Ratio Lower Upper
93 100
95 32.1 25.8 38.8
123 11.4 9.4 14.0

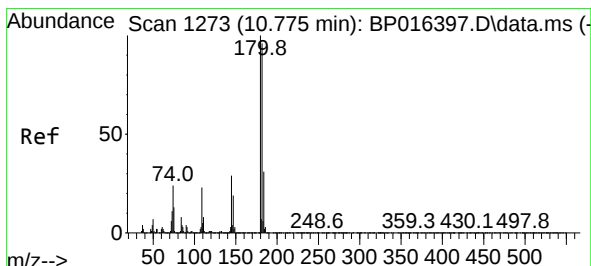
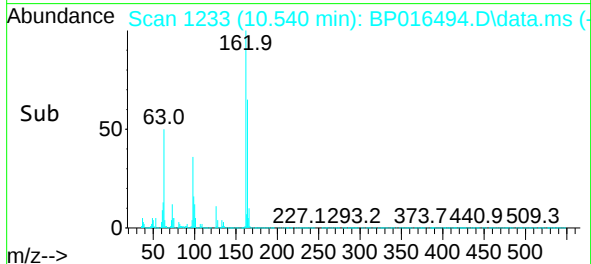
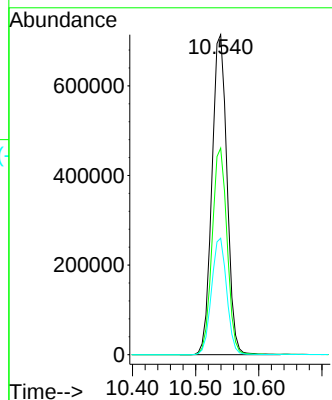
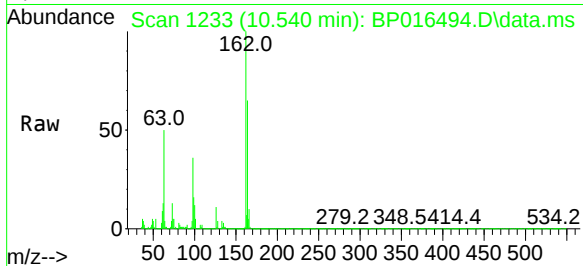




#29
2,4-Dichlorophenol
Concen: 49.081 ng
RT: 10.540 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

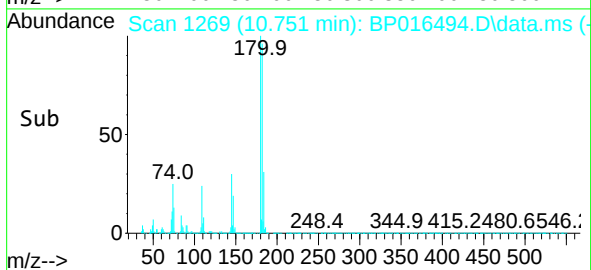
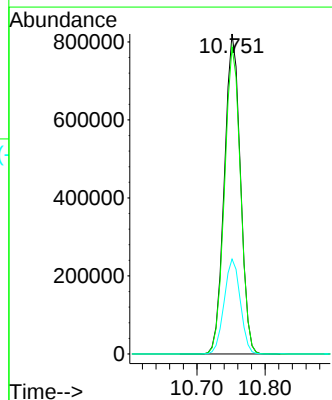
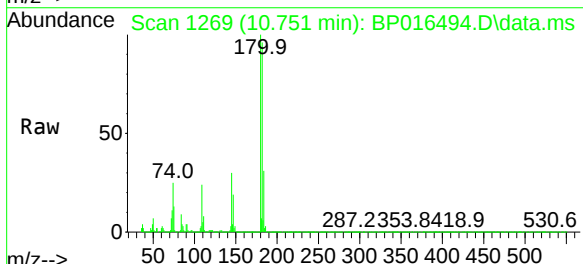
Instrument :
BNA_P
ClientSampleId :
PB154350BSD

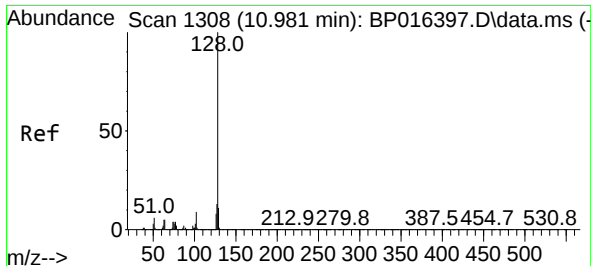
Tgt Ion:162 Resp: 1185774
Ion Ratio Lower Upper
162 100
164 64.6 44.2 84.2
98 36.4 13.7 53.7



#30
1,2,4-Trichlorobenzene
Concen: 51.190 ng
RT: 10.751 min Scan# 1269
Delta R.T. -0.000 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

Tgt Ion:180 Resp: 1339523
Ion Ratio Lower Upper
180 100
182 96.0 77.1 115.7
145 29.7 22.9 34.3

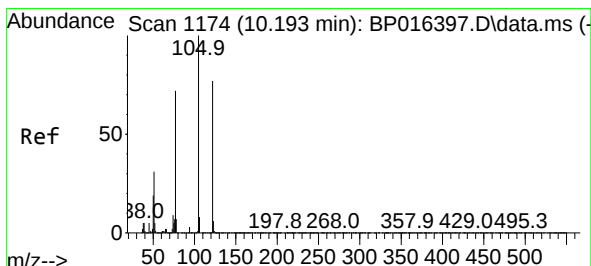
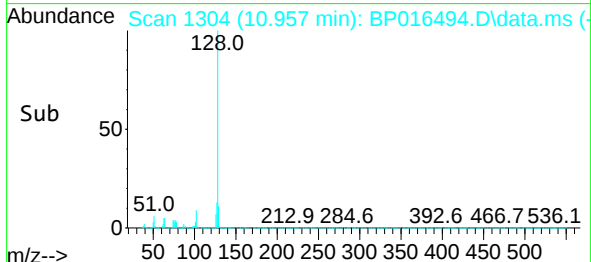
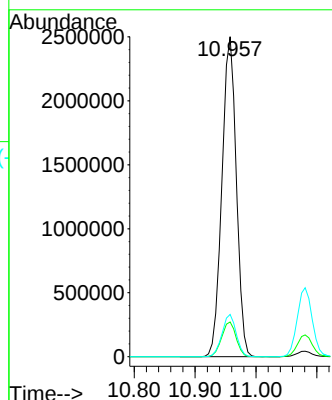
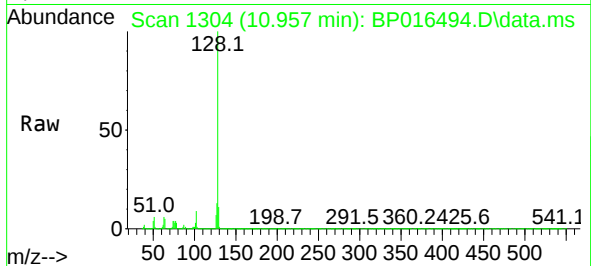




#31
Naphthalene
Concen: 49.019 ng
RT: 10.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

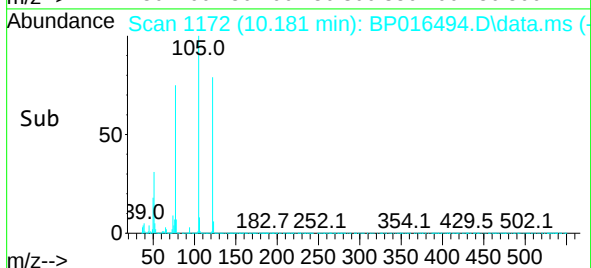
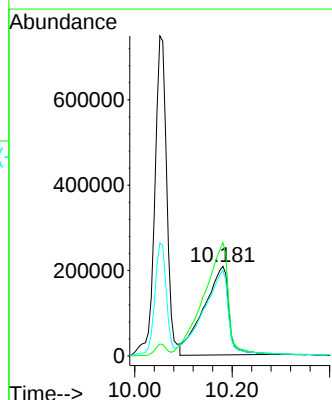
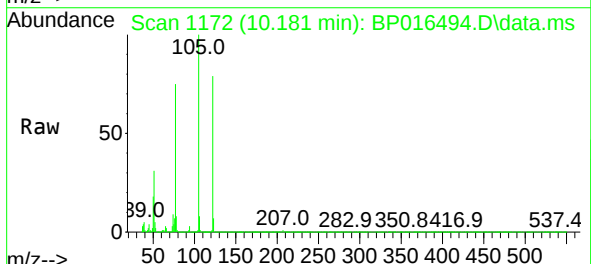
Instrument :
BNA_P
ClientSampleId :
PB154350BSD

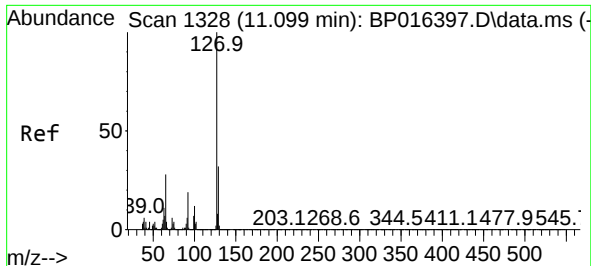
Tgt Ion:128 Resp: 4102269
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.2 10.4 15.6



#32
Benzoic acid
Concen: 44.246 ng
RT: 10.181 min Scan# 1172
Delta R.T. 0.006 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

Tgt Ion:122 Resp: 739812
Ion Ratio Lower Upper
122 100
105 126.5 105.2 145.2
77 95.4 72.2 112.2

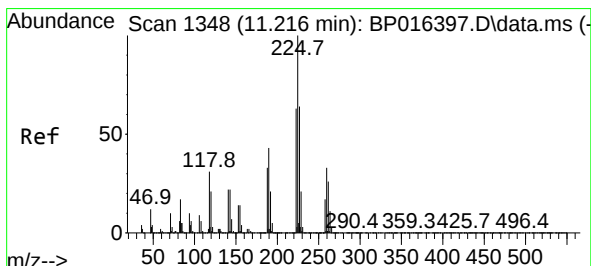
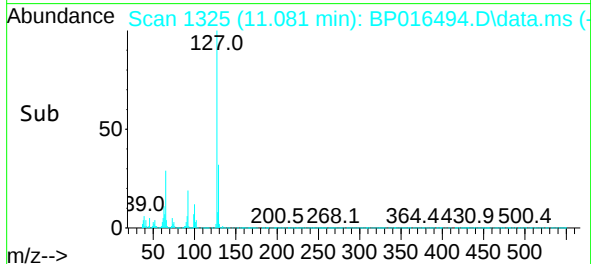
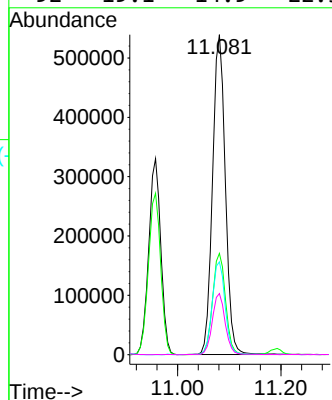
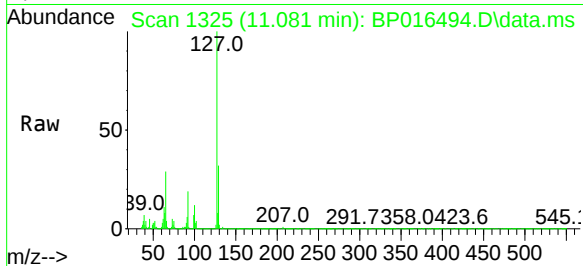




#33
4-Chloroaniline
Concen: 24.534 ng
RT: 11.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

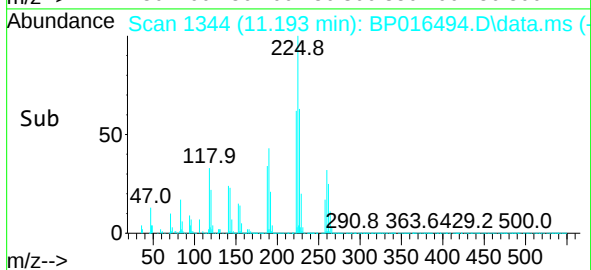
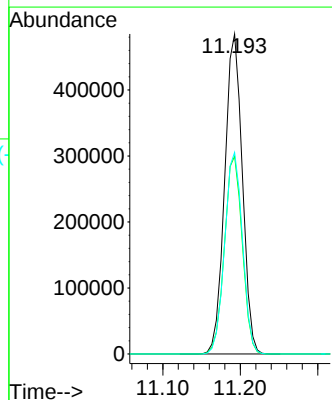
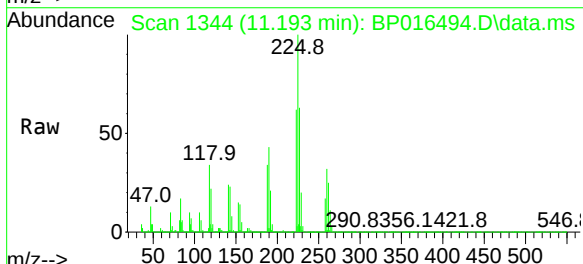
Instrument :
BNA_P
ClientSampleId :
PB154350BSD

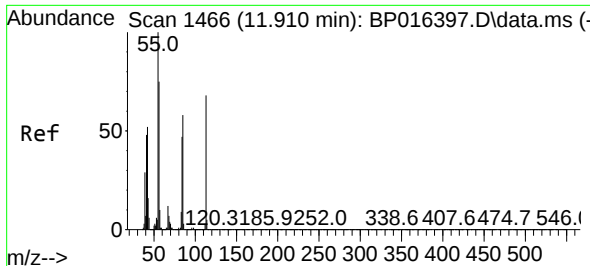
Tgt Ion:	127	Resp:	926133
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.8	38.8
65	29.0	22.7	34.1
92	19.1	14.9	22.3



#34
Hexachlorobutadiene
Concen: 49.524 ng
RT: 11.193 min Scan# 1344
Delta R.T. -0.000 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

Tgt Ion:	225	Resp:	767248
Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.2	75.4
227	63.0	51.0	76.6

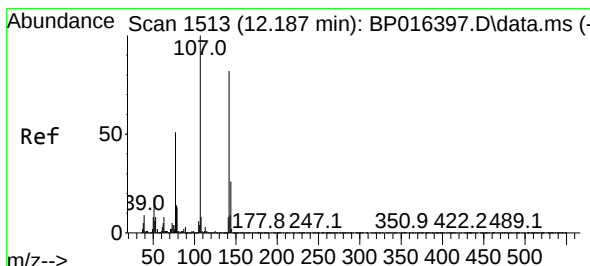
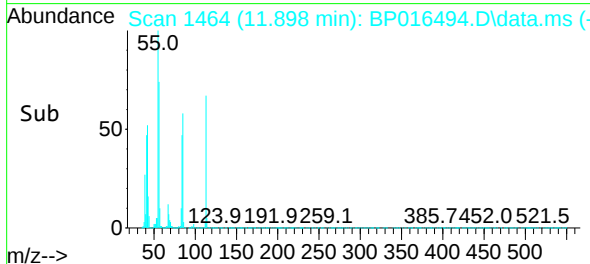
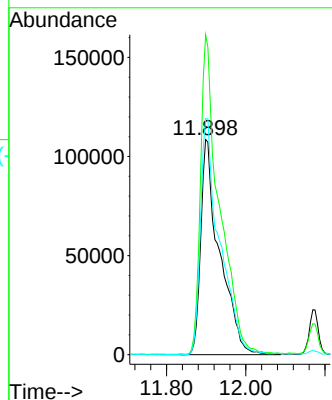
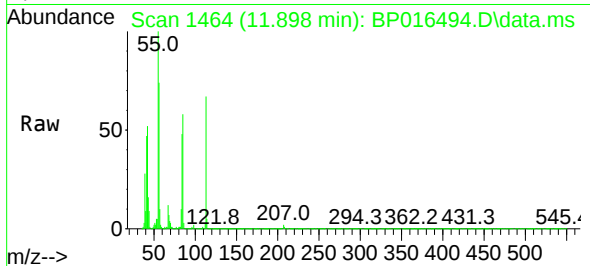




#35
Caprolactam
Concen: 40.329 ng
RT: 11.898 min Scan# 14
Delta R.T. -0.006 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

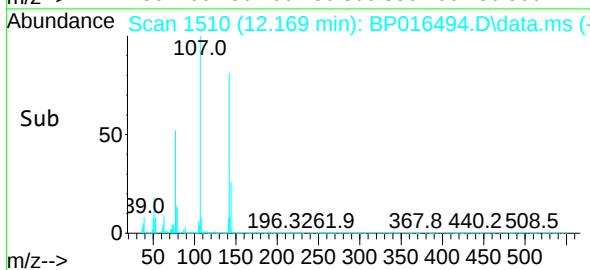
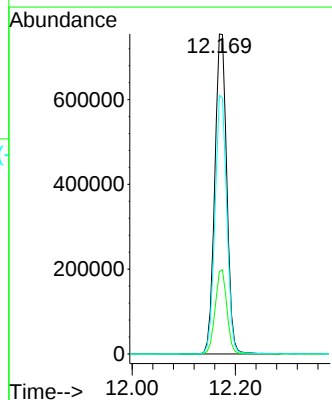
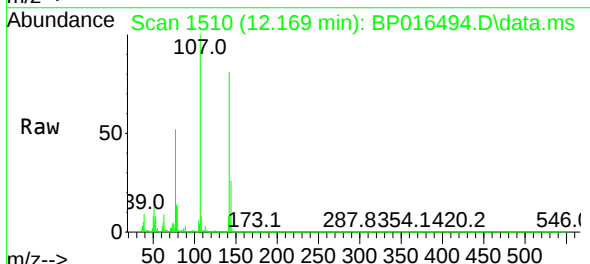
Instrument :
BNA_P
ClientSampleId :
PB154350BSD

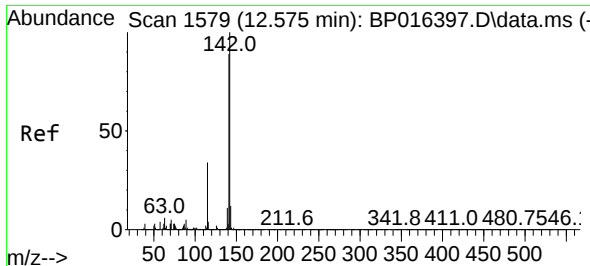
Tgt Ion:113 Resp: 356025
Ion Ratio Lower Upper
113 100
55 148.7 128.0 168.0
56 109.8 91.3 131.3



#36
4-Chloro-3-methylphenol
Concen: 45.155 ng
RT: 12.169 min Scan# 1510
Delta R.T. -0.006 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

Tgt Ion:107 Resp: 1212626
Ion Ratio Lower Upper
107 100
144 25.7 21.0 31.6
142 80.9 65.6 98.4

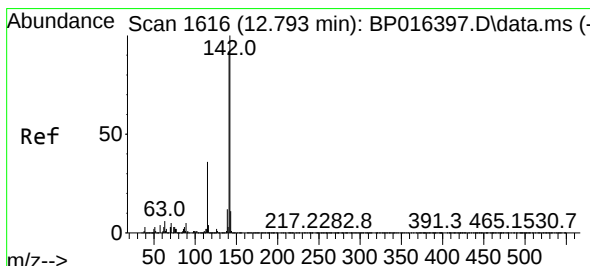
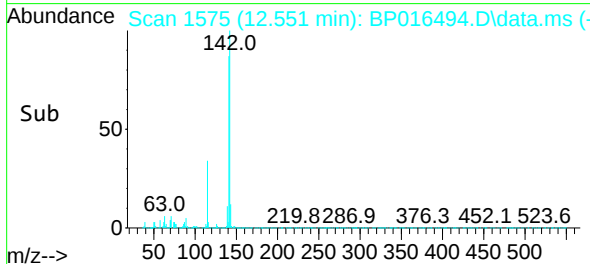
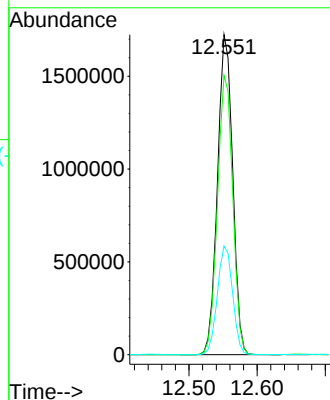
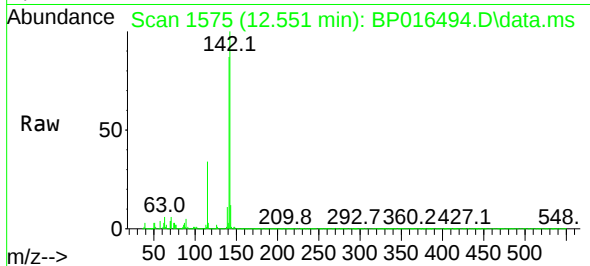




#37
2-Methylnaphthalene
Concen: 44.028 ng
RT: 12.551 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

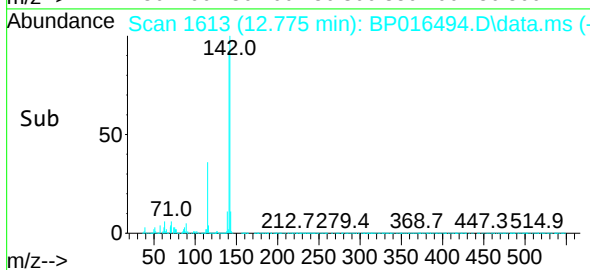
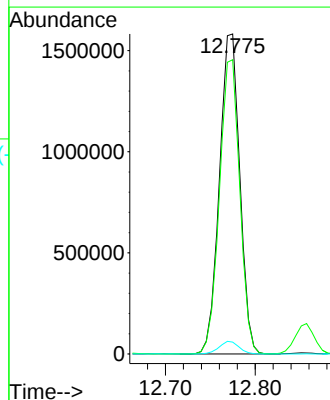
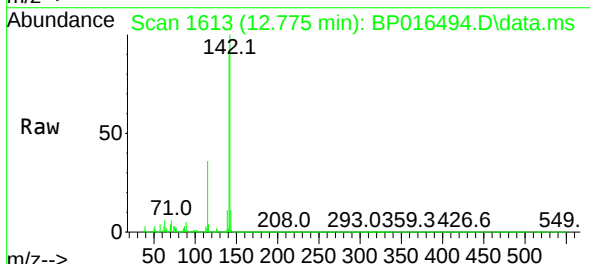
Instrument :
BNA_P
ClientSampleId :
PB154350BSD

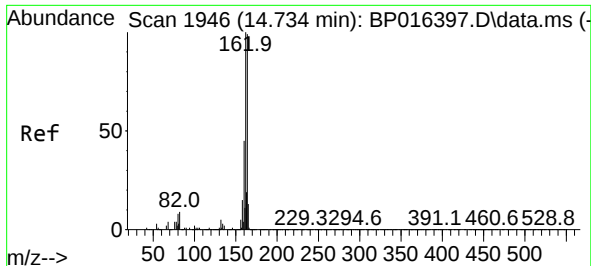
Tgt Ion:142 Resp: 2676723
Ion Ratio Lower Upper
142 100
141 87.2 71.4 107.2
115 34.0 27.0 40.4



#38
1-Methylnaphthalene
Concen: 43.655 ng
RT: 12.775 min Scan# 1613
Delta R.T. -0.000 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

Tgt Ion:142 Resp: 2488254
Ion Ratio Lower Upper
142 100
141 92.0 73.8 110.6
116 3.7 2.9 4.3

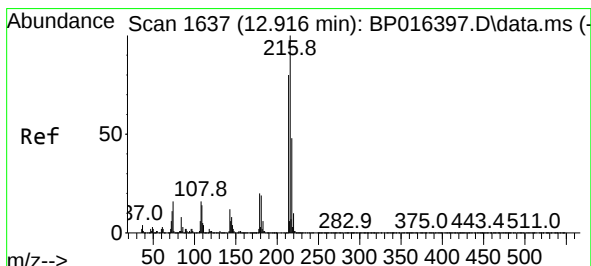
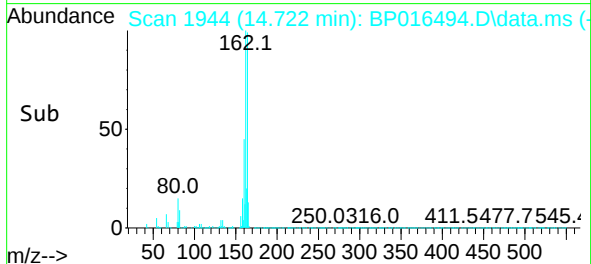
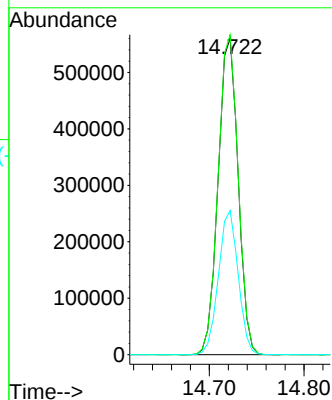
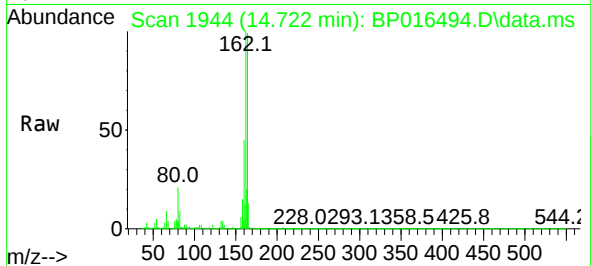




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.722 min Scan# 1944
Delta R.T. -0.000 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

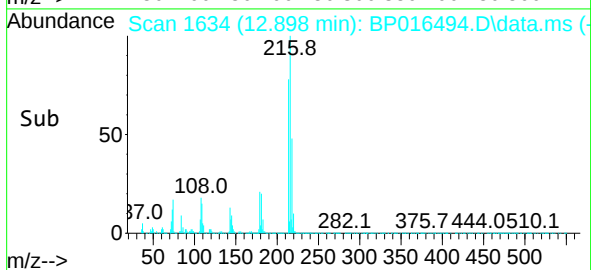
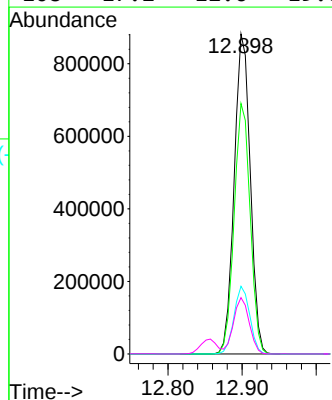
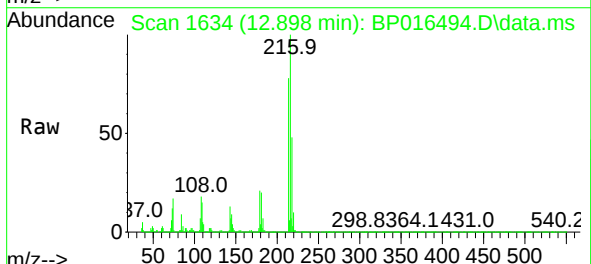
Instrument :
BNA_P
ClientSampleId :
PB154350BSD

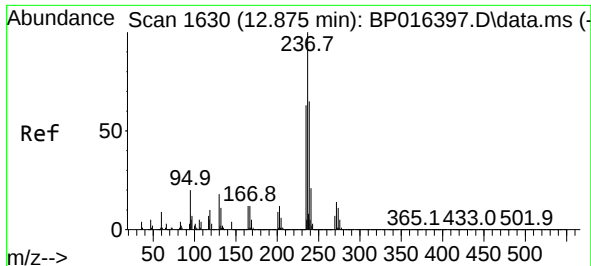
Tgt Ion:164 Resp: 823742
Ion Ratio Lower Upper
164 100
162 101.1 81.0 121.6
160 45.6 36.6 55.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.889 ng
RT: 12.898 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

Tgt Ion:216 Resp: 1323960
Ion Ratio Lower Upper
216 100
214 78.2 62.8 94.2
179 20.9 16.0 24.0
108 17.2 12.6 19.0

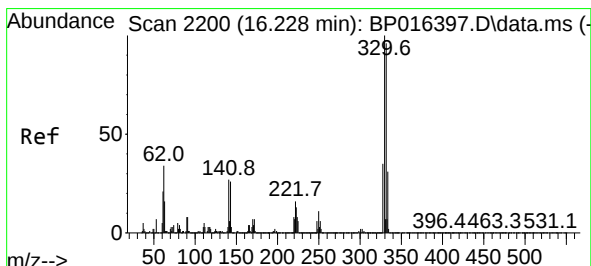
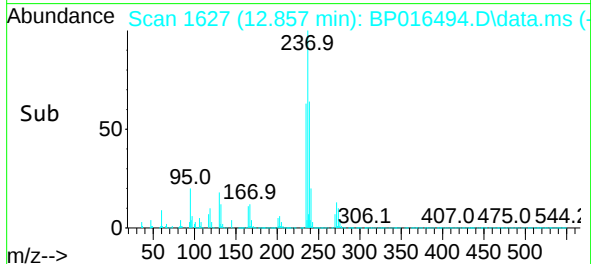
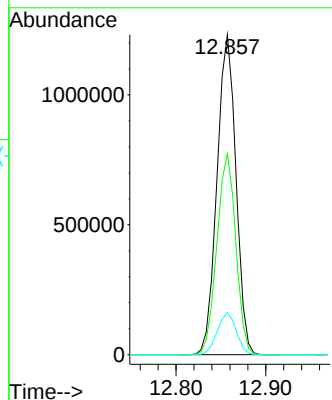
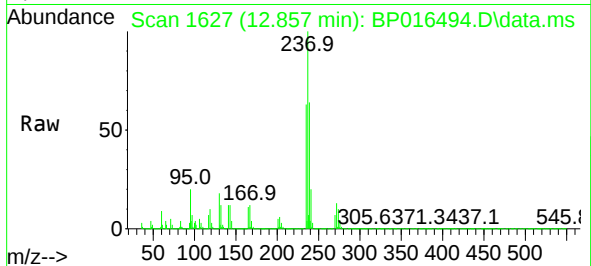




#41
Hexachlorocyclopentadiene
Concen: 143.642 ng
RT: 12.857 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

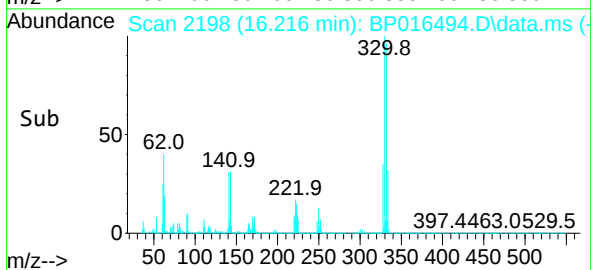
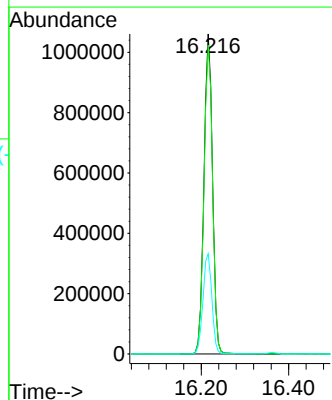
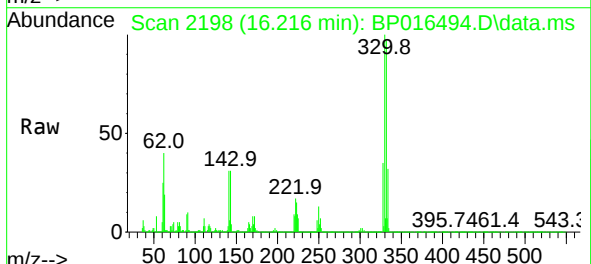
Instrument :
BNA_P
ClientSampleId :
PB154350BSD

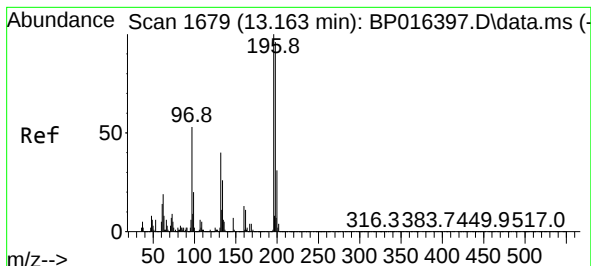
Tgt Ion:237 Resp: 1805931
Ion Ratio Lower Upper
237 100
235 62.8 42.7 82.7
272 13.3 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 119.291 ng
RT: 16.216 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

Tgt Ion:330 Resp: 1445620
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.8
141 32.6 22.6 34.0





#43

2,4,6-Trichlorophenol

Concen: 53.517 ng

RT: 13.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP016494.D

Acq: 03 Aug 2023 16:15

Instrument :

BNA_P

ClientSampleId :

PB154350BSD

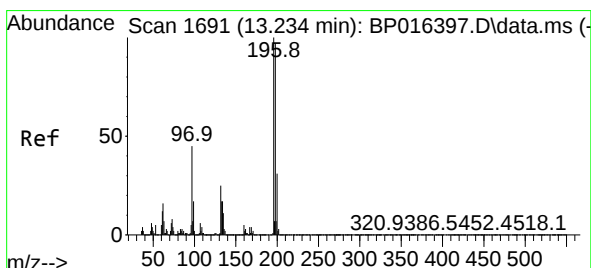
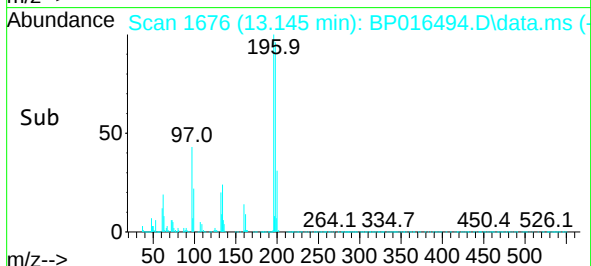
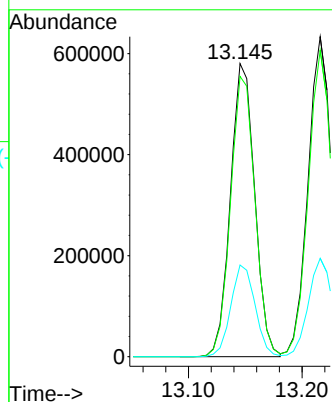
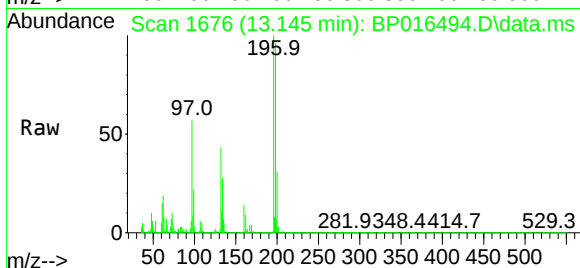
Tgt Ion:196 Resp: 859585

Ion Ratio Lower Upper

196 100

198 95.6 77.0 115.4

200 31.3 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 47.472 ng

RT: 13.216 min Scan# 1688

Delta R.T. -0.000 min

Lab File: BP016494.D

Acq: 03 Aug 2023 16:15

Tgt Ion:196 Resp: 925089

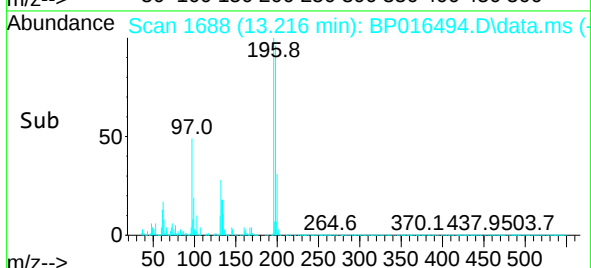
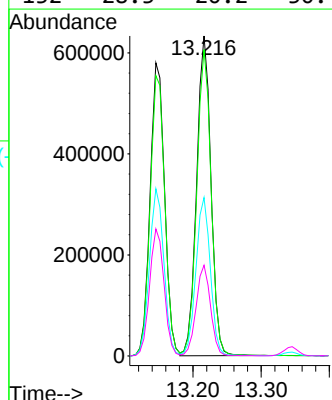
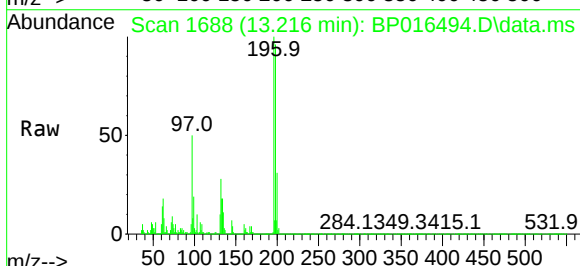
Ion Ratio Lower Upper

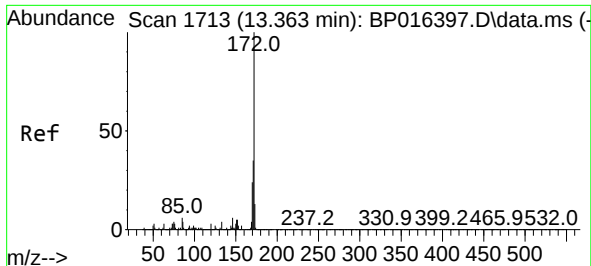
196 100

198 95.8 77.3 115.9

97 49.5 36.2 54.4

132 28.3 20.2 30.4

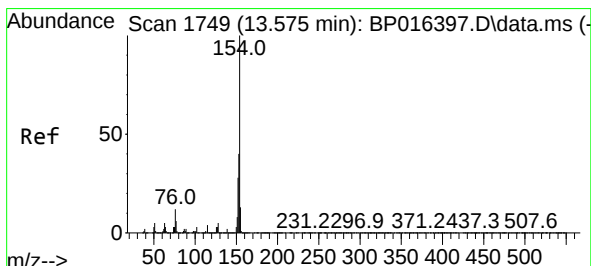
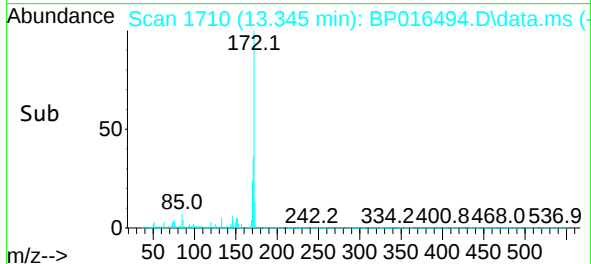
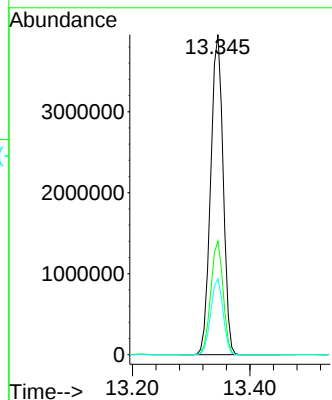
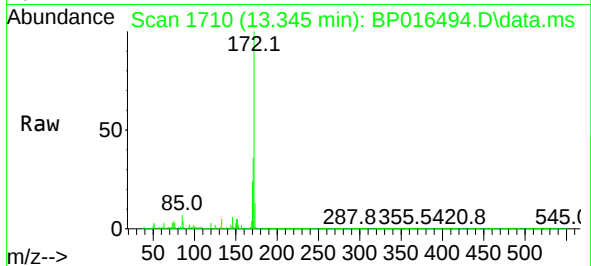




#45
2-Fluorobiphenyl
Concen: 101.236 ng
RT: 13.345 min Scan# 1710
Delta R.T. -0.000 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

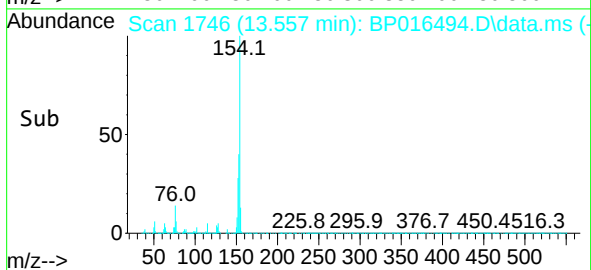
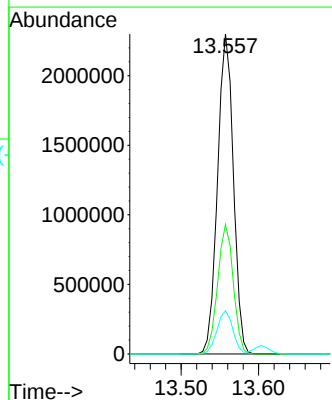
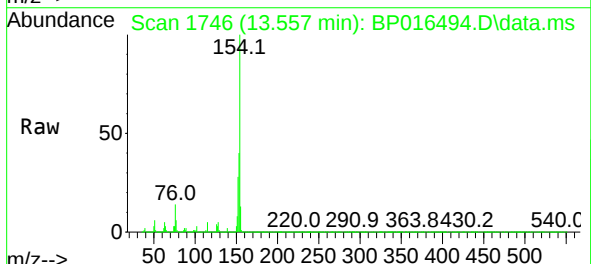
Instrument :
BNA_P
ClientSampleId :
PB154350BSD

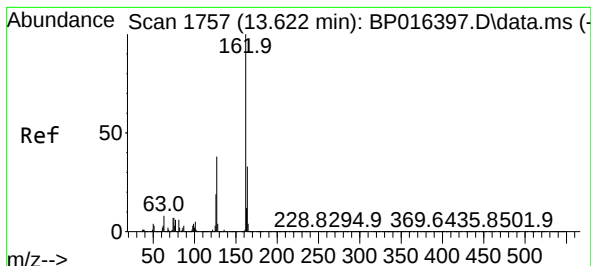
Tgt Ion:172 Resp: 5816676
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 23.7 19.1 28.7



#46
1,1'-Biphenyl
Concen: 51.945 ng
RT: 13.557 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

Tgt Ion:154 Resp: 3261740
Ion Ratio Lower Upper
154 100
153 40.5 20.1 60.1
76 13.5 0.0 32.5





#47

2-Chloronaphthalene

Concen: 53.866 ng

RT: 13.604 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP016494.D

Acq: 03 Aug 2023 16:15

Instrument :

BNA_P

ClientSampleId :

PB154350BSD

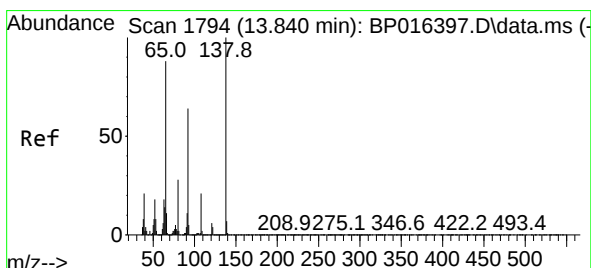
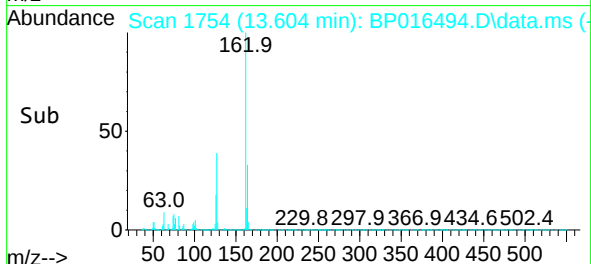
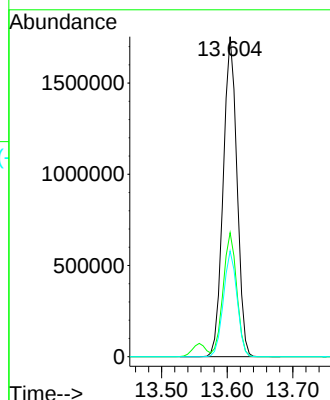
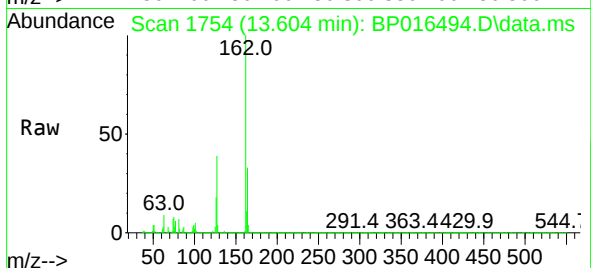
Tgt Ion:162 Resp: 2551777

Ion Ratio Lower Upper

162 100

127 38.8 30.1 45.1

164 33.0 26.6 39.8



#48

2-Nitroaniline

Concen: 51.721 ng

RT: 13.828 min Scan# 1792

Delta R.T. -0.000 min

Lab File: BP016494.D

Acq: 03 Aug 2023 16:15

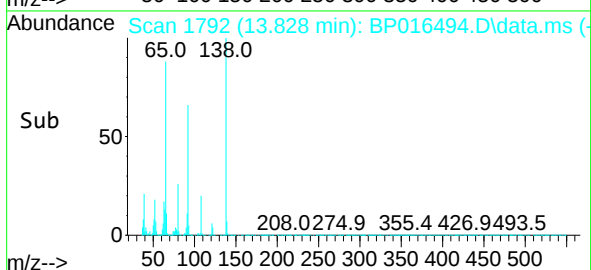
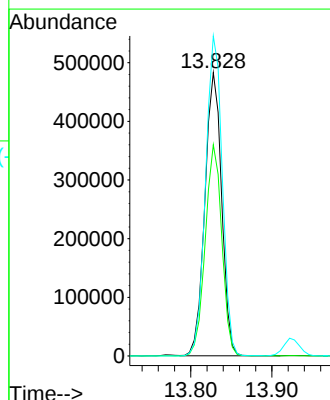
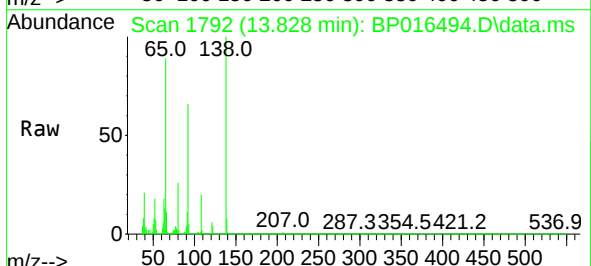
Tgt Ion: 65 Resp: 690650

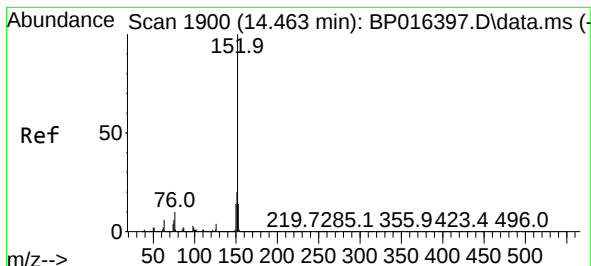
Ion Ratio Lower Upper

65 100

92 74.5 58.2 87.4

138 113.0 91.3 136.9





#49

Acenaphthylene

Concen: 49.779 ng

RT: 14.451 min Scan# 1898

Delta R.T. -0.000 min

Lab File: BP016494.D

Acq: 03 Aug 2023 16:15

Instrument :

BNA_P

ClientSampleId :

PB154350BSD

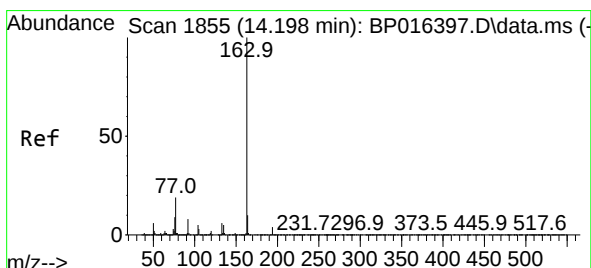
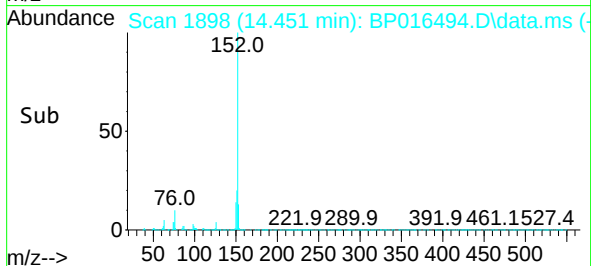
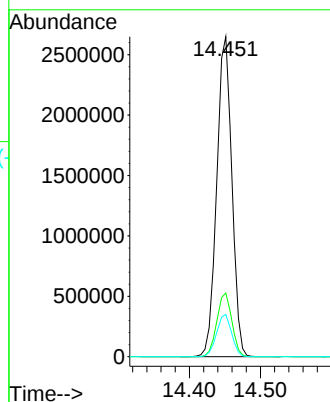
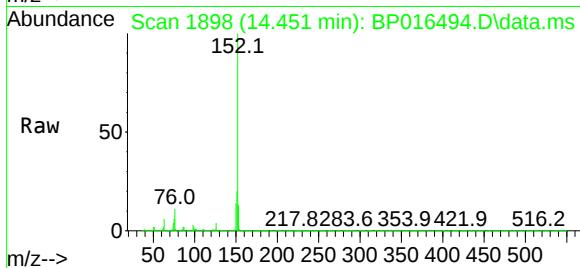
Tgt Ion:152 Resp: 3912698

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.4

153 13.2 10.8 16.2



#50

Dimethylphthalate

Concen: 45.462 ng

RT: 14.181 min Scan# 1852

Delta R.T. -0.000 min

Lab File: BP016494.D

Acq: 03 Aug 2023 16:15

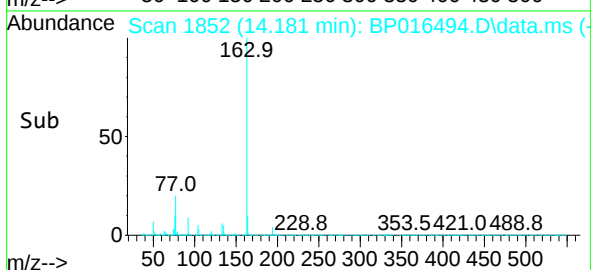
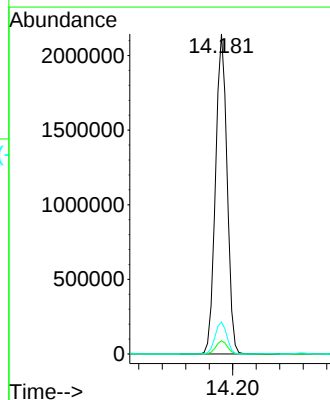
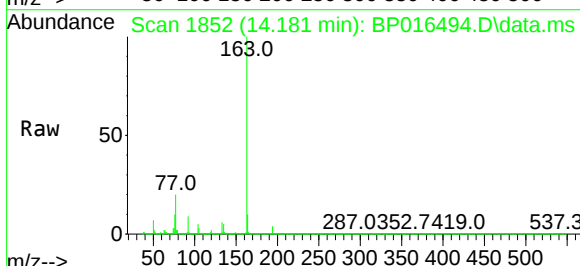
Tgt Ion:163 Resp: 2918232

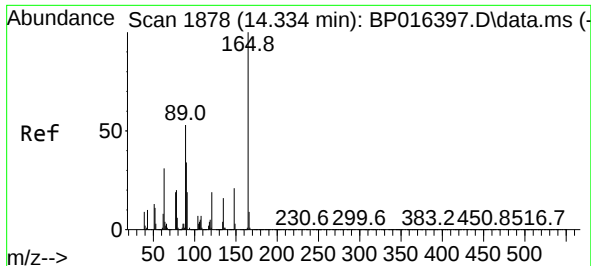
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

164 10.0 8.2 12.2

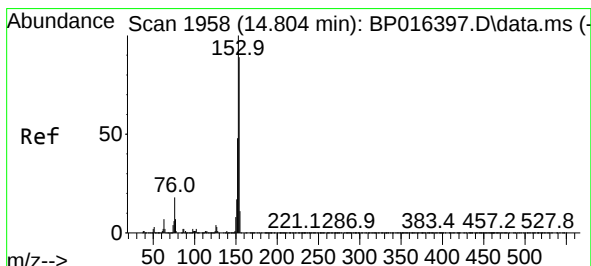
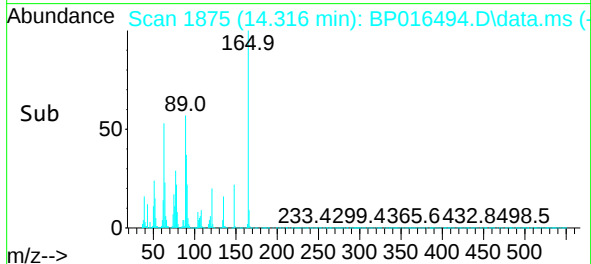
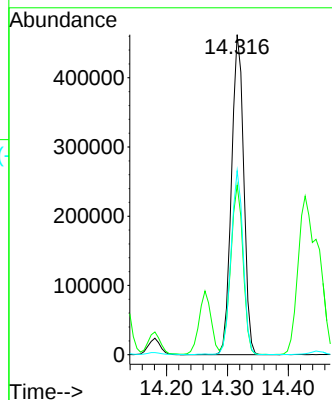
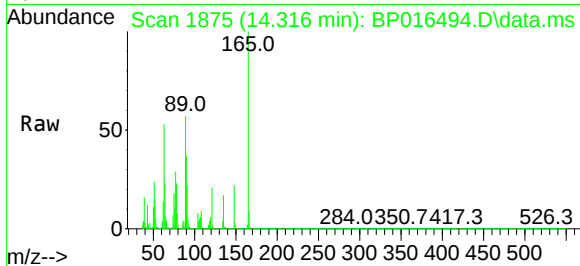




#51
2,6-Dinitrotoluene
Concen: 49.076 ng
RT: 14.316 min Scan# 1875
Delta R.T. -0.000 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

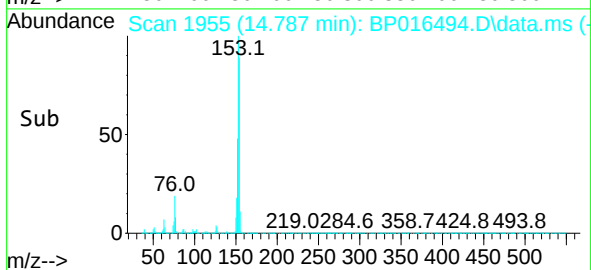
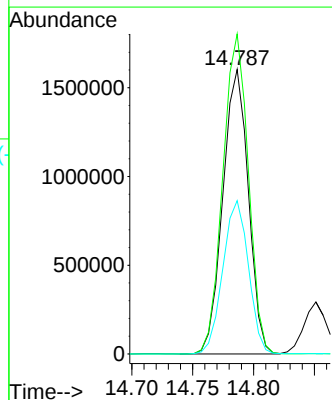
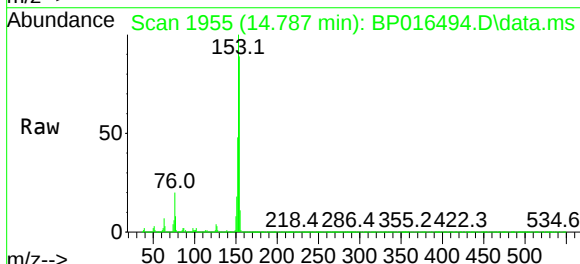
Instrument :
BNA_P
ClientSampleId :
PB154350BSD

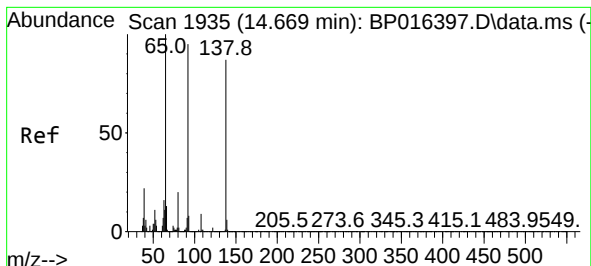
Tgt Ion:165 Resp: 645368
Ion Ratio Lower Upper
165 100
63 53.0 39.1 58.7
89 57.5 42.5 63.7



#52
Acenaphthene
Concen: 50.011 ng
RT: 14.787 min Scan# 1955
Delta R.T. -0.000 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

Tgt Ion:154 Resp: 2337555
Ion Ratio Lower Upper
154 100
153 112.5 90.4 135.6
152 53.9 43.4 65.0

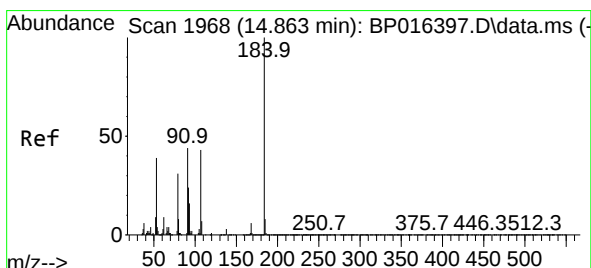
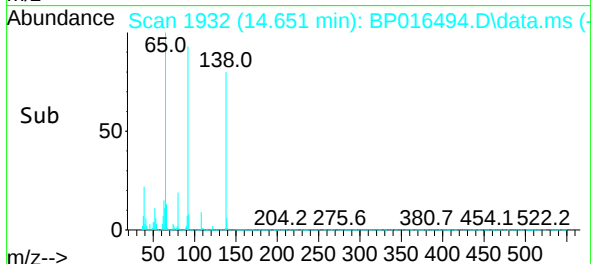
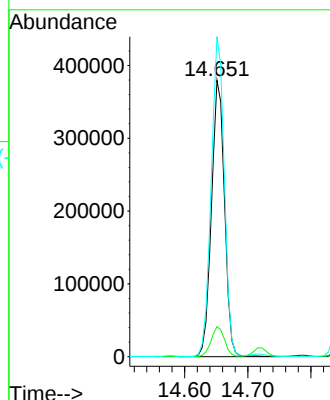
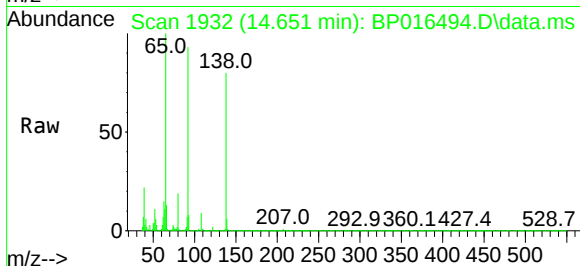




#53
3-Nitroaniline
Concen: 36.564 ng
RT: 14.651 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

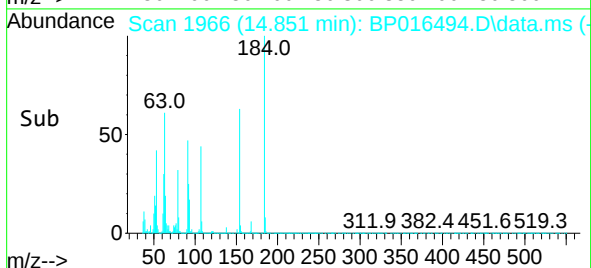
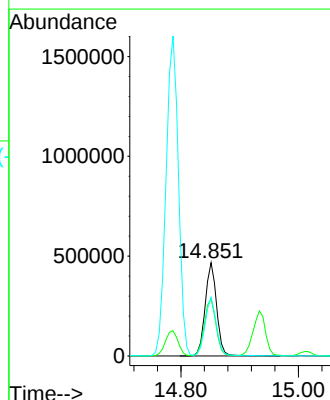
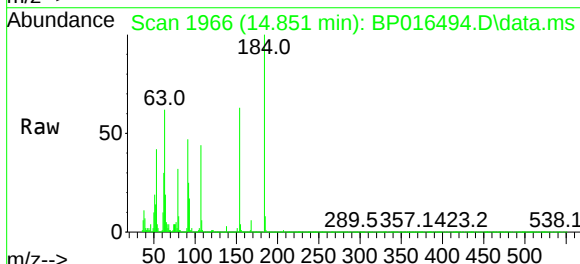
Instrument :
BNA_P
ClientSampleId :
PB154350BSD

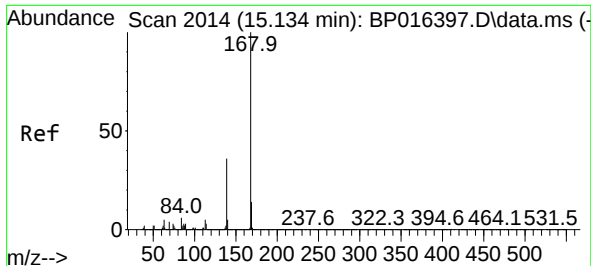
Tgt Ion:138 Resp: 543604
Ion Ratio Lower Upper
138 100
108 10.9 8.7 13.1
92 115.8 87.6 131.4



#54
2,4-Dinitrophenol
Concen: 100.377 ng
RT: 14.851 min Scan# 1966
Delta R.T. -0.000 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

Tgt Ion:184 Resp: 631451
Ion Ratio Lower Upper
184 100
63 61.6 48.2 72.4
154 62.8 49.6 74.4

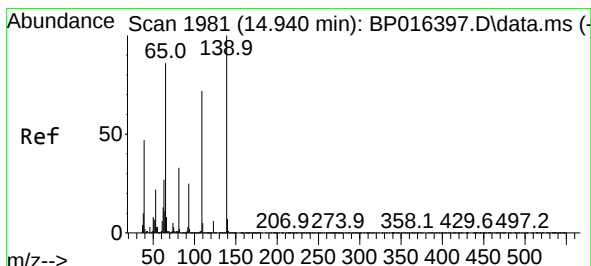
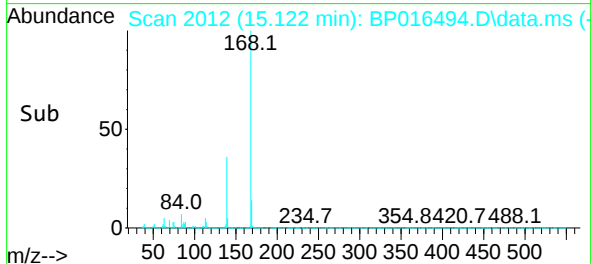
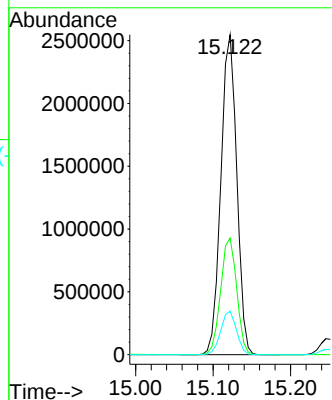
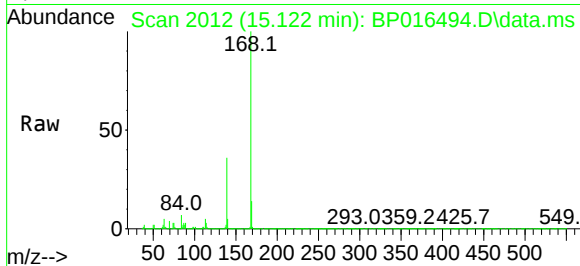




#55
Dibenzofuran
Concen: 47.289 ng
RT: 15.122 min Scan# 20
Delta R.T. -0.000 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

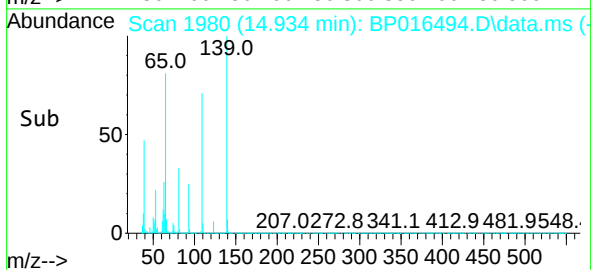
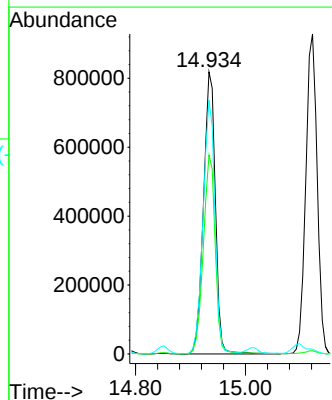
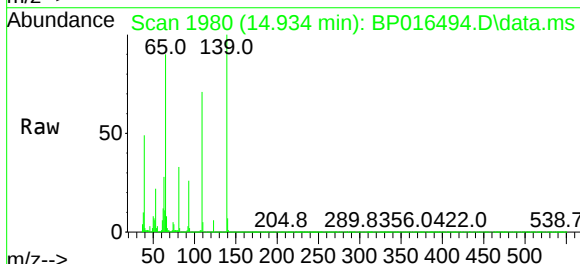
Instrument :
BNA_P
ClientSampleId :
PB154350BSD

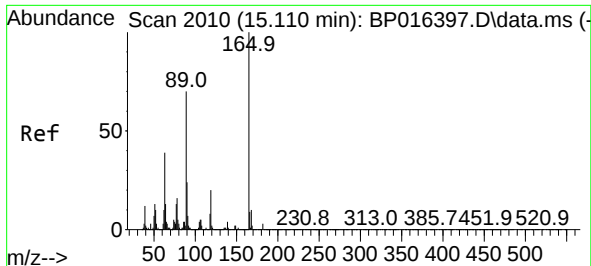
Tgt Ion:168 Resp: 3625089
Ion Ratio Lower Upper
168 100
139 36.5 28.9 43.3
169 13.6 11.0 16.4



#56
4-Nitrophenol
Concen: 105.447 ng
RT: 14.934 min Scan# 1980
Delta R.T. -0.000 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

Tgt Ion:139 Resp: 1227189
Ion Ratio Lower Upper
139 100
109 70.5 51.9 91.9
65 90.0 66.2 106.2

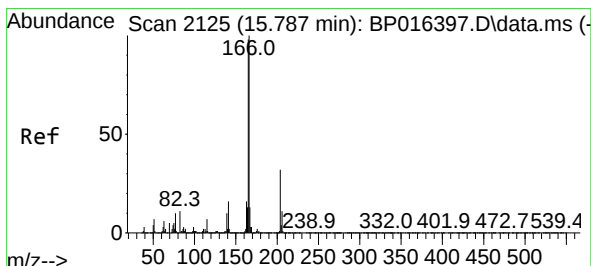
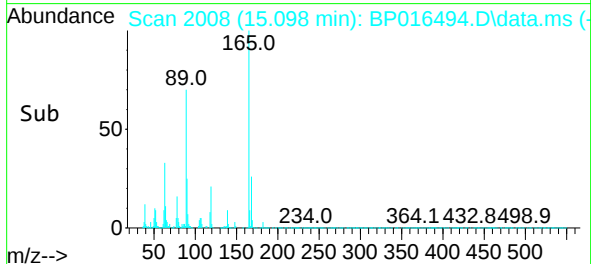
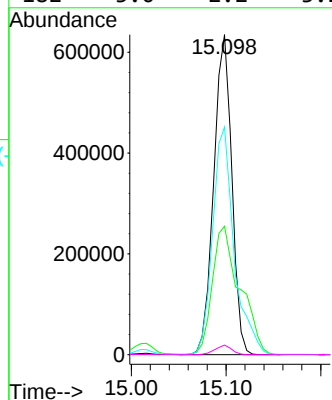
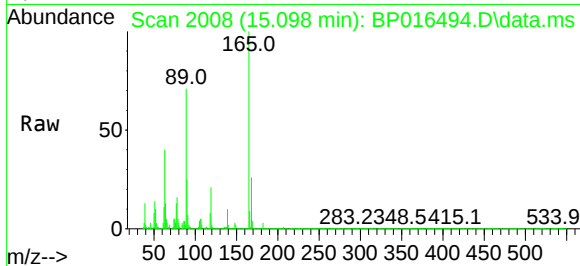




#57
2,4-Dinitrotoluene
Concen: 48.940 ng
RT: 15.098 min Scan# 20
Delta R.T. -0.000 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

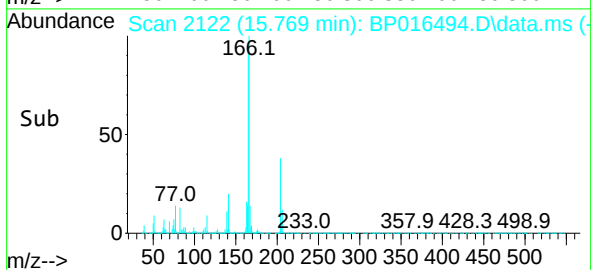
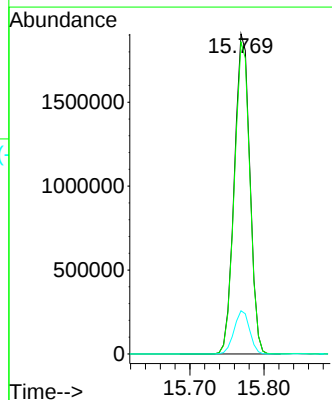
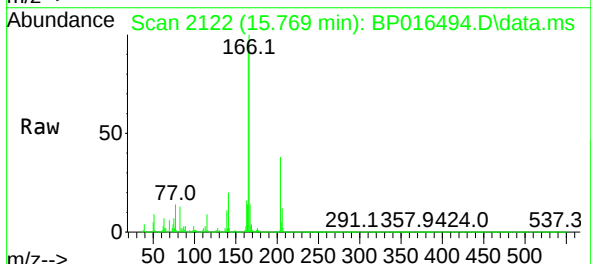
Instrument :
BNA_P
ClientSampleId :
PB154350BSD

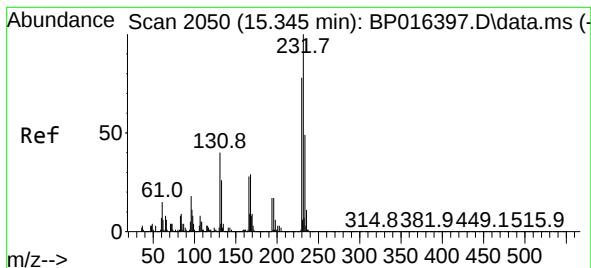
Tgt Ion:165 Resp: 838758
Ion Ratio Lower Upper
165 100
63 40.2 31.4 47.0
89 71.2 55.8 83.6
182 3.0 2.2 3.2



#58
Fluorene
Concen: 46.001 ng
RT: 15.769 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

Tgt Ion:166 Resp: 2770355
Ion Ratio Lower Upper
166 100
165 97.5 78.0 117.0
167 13.5 10.6 16.0

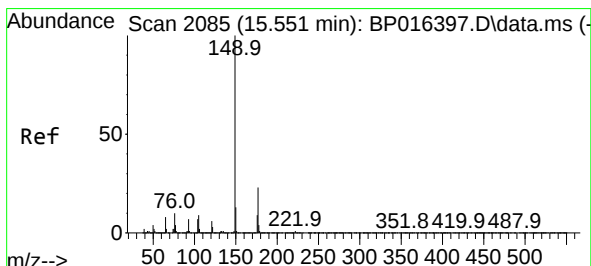
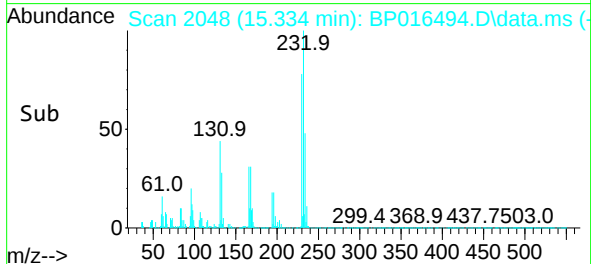
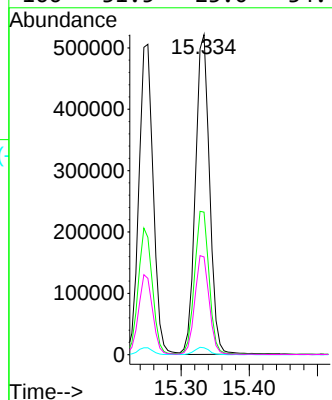
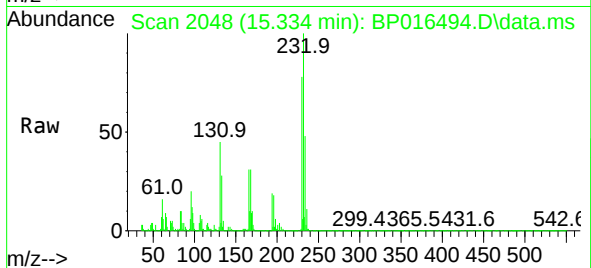




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.736 ng
RT: 15.334 min Scan# 2048
Delta R.T. -0.000 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

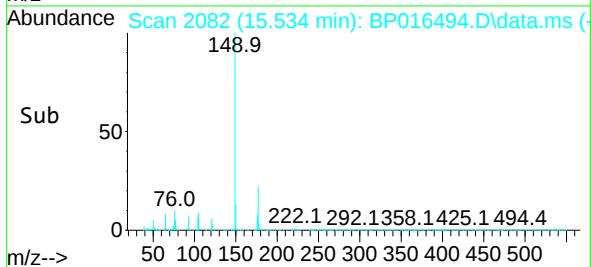
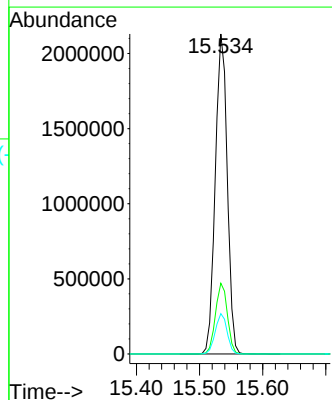
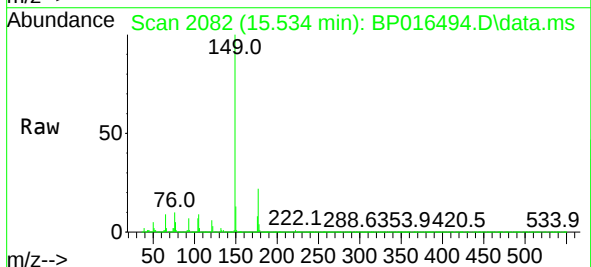
Instrument :
BNA_P
ClientSampleId :
PB154350BSD

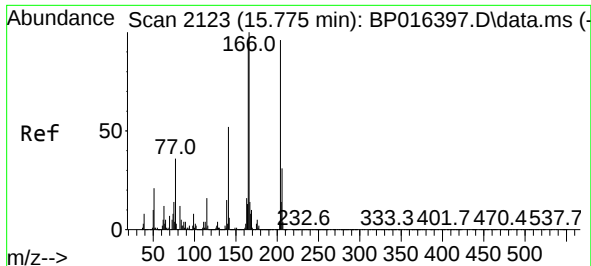
Tgt Ion:232 Resp: 749191
Ion Ratio Lower Upper
232 100
131 46.3 33.1 49.7
130 2.4 1.8 2.8
166 31.5 23.0 34.4



#60
Diethylphthalate
Concen: 43.814 ng
RT: 15.534 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

Tgt Ion:149 Resp: 2794987
Ion Ratio Lower Upper
149 100
177 22.1 18.6 27.8
150 12.6 10.1 15.1

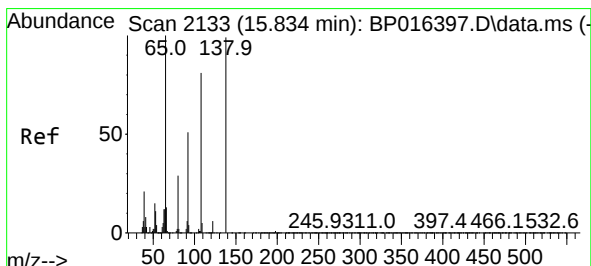
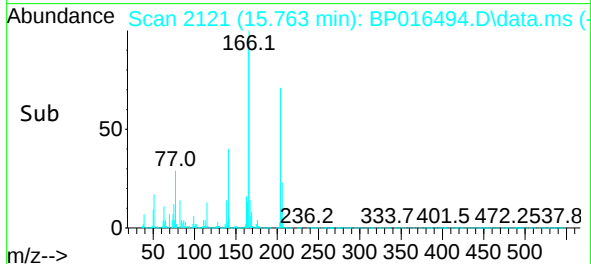
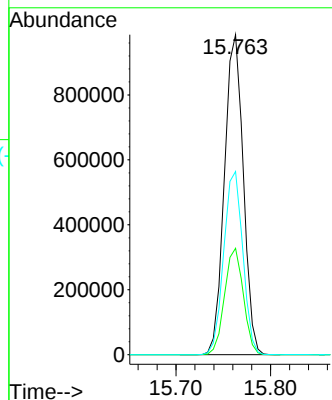
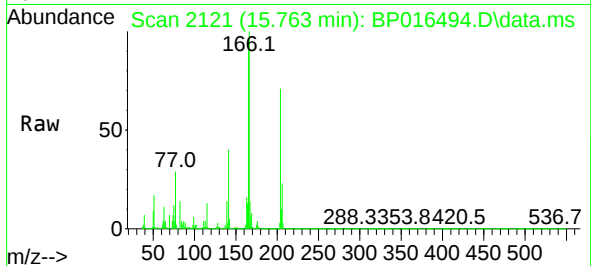




#61
4-Chlorophenyl-phenylether
Concen: 44.918 ng
RT: 15.763 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

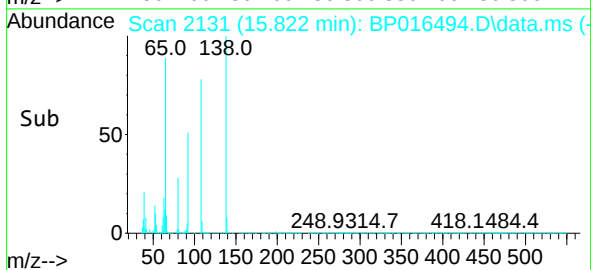
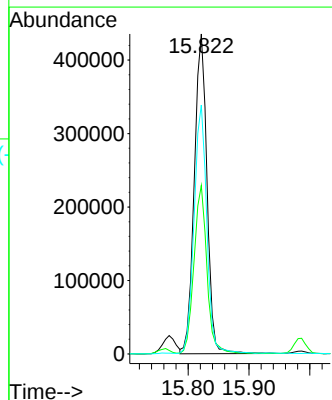
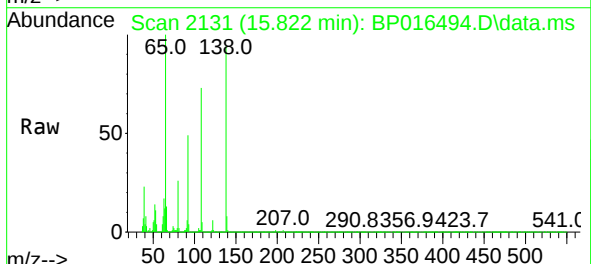
Instrument :
BNA_P
ClientSampleId :
PB154350BSD

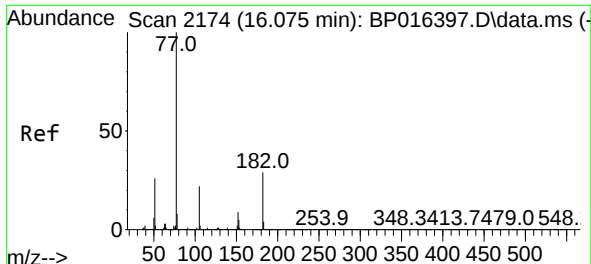
Tgt Ion:204 Resp: 1365080
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.4
141 57.3 43.4 65.0



#62
4-Nitroaniline
Concen: 42.823 ng
RT: 15.822 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

Tgt Ion:138 Resp: 631825
Ion Ratio Lower Upper
138 100
92 52.6 30.3 70.3
108 77.8 60.1 100.1



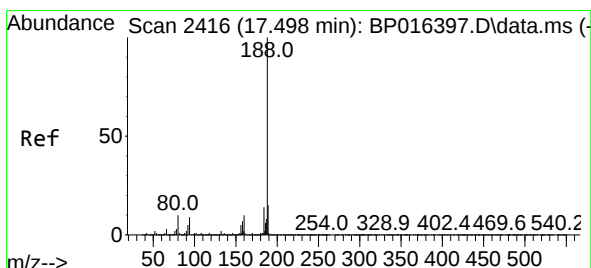
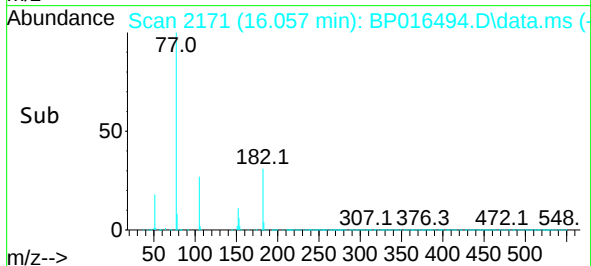
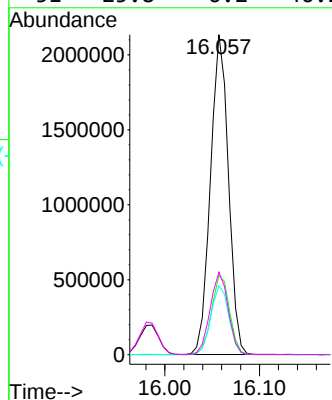
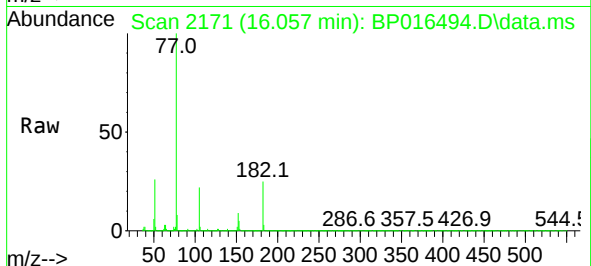


#63
Azobenzene
Concen: 46.700 ng
RT: 16.057 min Scan# 2174
Delta R.T. -0.000 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

Instrument :
BNA_P
ClientSampleId :
PB154350BSD

Tgt Ion: 77 Resp: 2812957

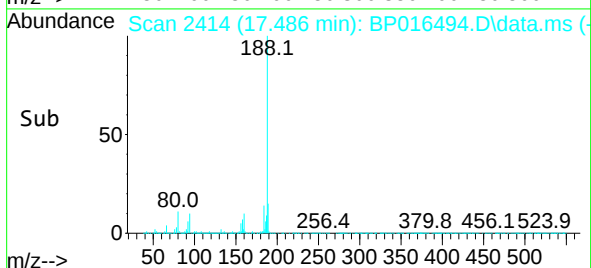
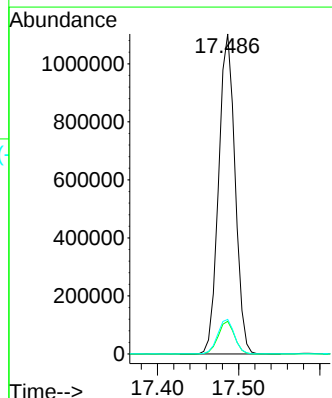
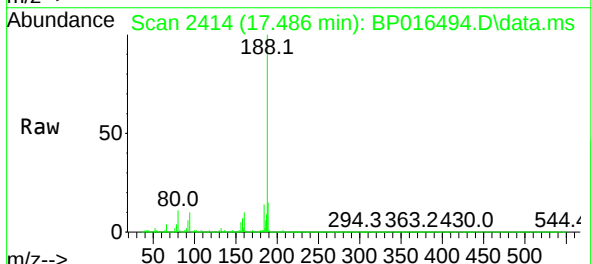
Ion	Ratio	Lower	Upper
77	100		
182	24.8	8.6	48.6
105	21.5	2.4	42.4
51	25.8	6.2	46.2

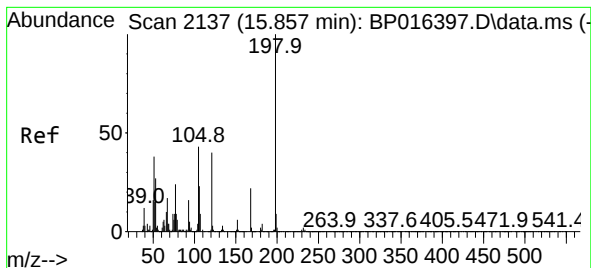


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.486 min Scan# 2414
Delta R.T. -0.000 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

Tgt Ion: 188 Resp: 1553479

Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.4	11.0
80	10.8	7.8	11.8

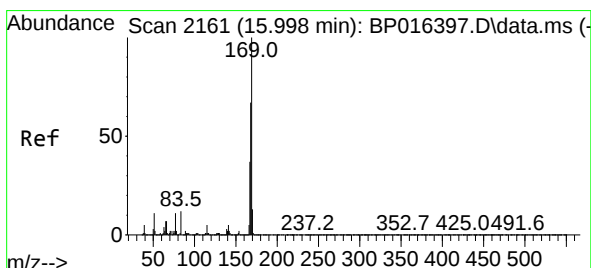
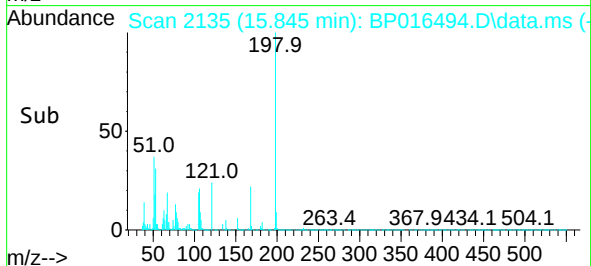
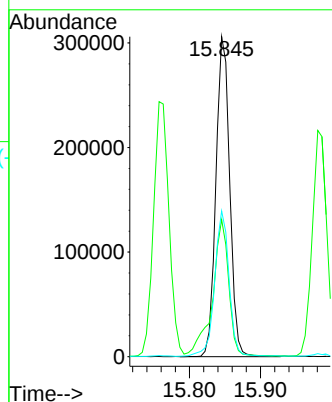
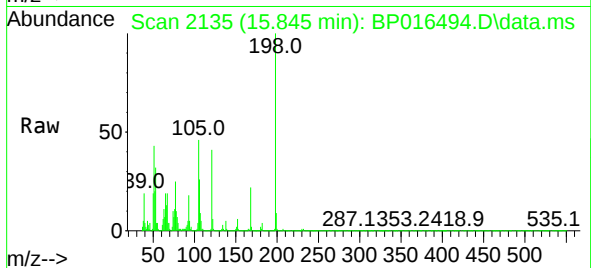




#65
4,6-Dinitro-2-methylphenol
Concen: 55.447 ng
RT: 15.845 min Scan# 2115
Delta R.T. -0.000 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

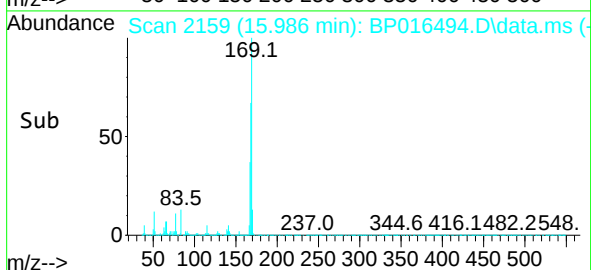
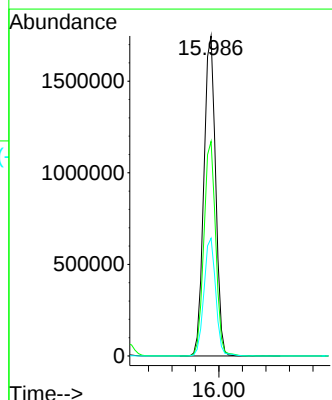
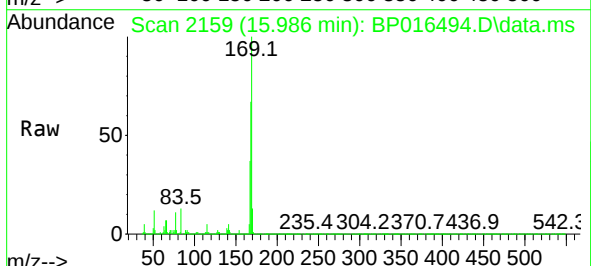
Instrument :
BNA_P
ClientSampleId :
PB154350BSD

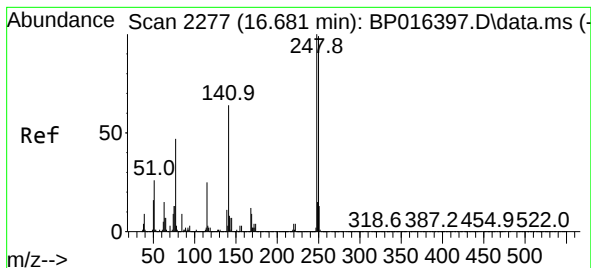
Tgt Ion:198 Resp: 411512
Ion Ratio Lower Upper
198 100
51 42.8 20.1 60.1
105 45.5 23.1 63.1



#66
n-Nitrosodiphenylamine
Concen: 52.822 ng
RT: 15.986 min Scan# 2159
Delta R.T. -0.000 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

Tgt Ion:169 Resp: 2418313
Ion Ratio Lower Upper
169 100
168 67.0 53.6 80.4
167 36.8 29.2 43.8

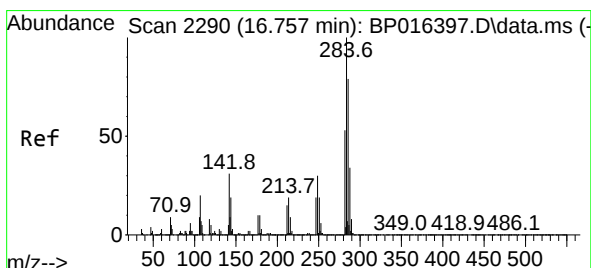
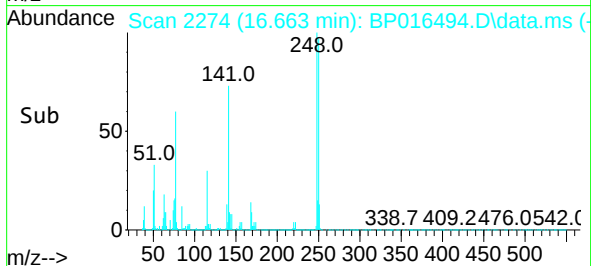
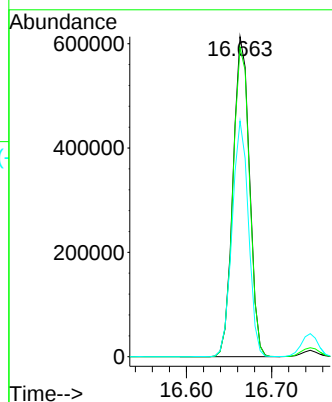
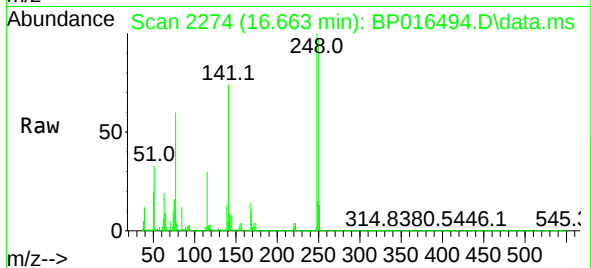




#67
4-Bromophenyl-phenylether
Concen: 49.969 ng
RT: 16.663 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

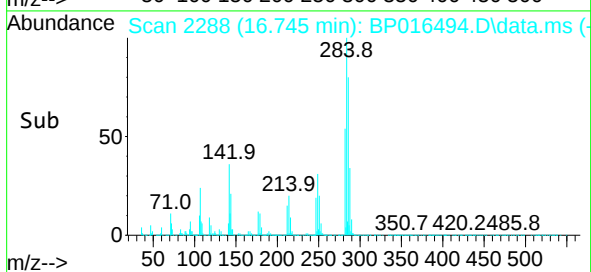
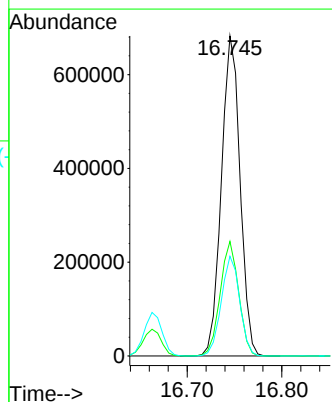
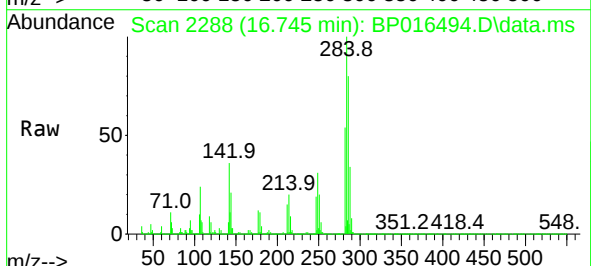
Instrument :
BNA_P
ClientSampleId :
PB154350BSD

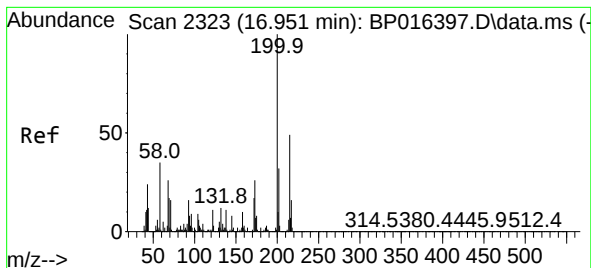
Tgt Ion:248 Resp: 821953
Ion Ratio Lower Upper
248 100
250 96.6 78.9 118.3
141 73.6 51.0 76.4



#68
Hexachlorobenzene
Concen: 51.011 ng
RT: 16.745 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

Tgt Ion:284 Resp: 935753
Ion Ratio Lower Upper
284 100
142 35.8 25.2 37.8
249 31.1 26.0 39.0





#69

Atrazine

Concen: 59.849 ng

RT: 16.933 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016494.D

Acq: 03 Aug 2023 16:15

Instrument :

BNA_P

ClientSampleId :

PB154350BSD

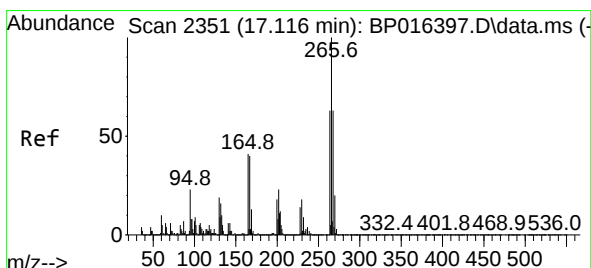
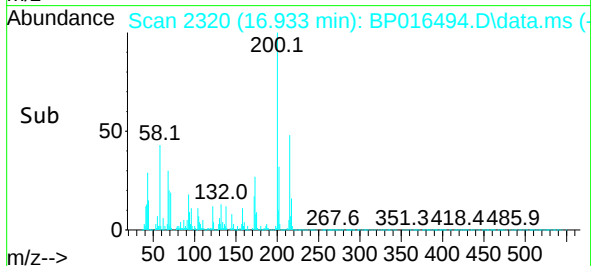
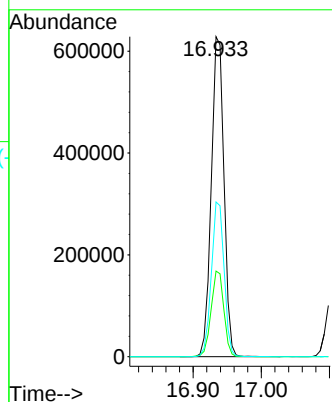
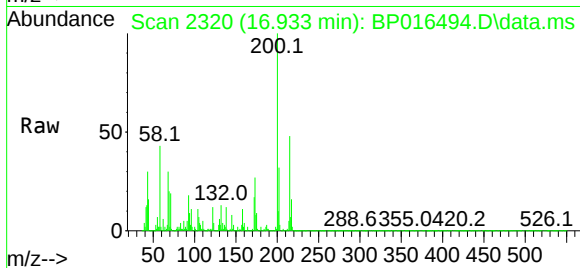
Tgt Ion:200 Resp: 814878

Ion Ratio Lower Upper

200 100

173 26.8 5.8 45.8

215 48.3 29.2 69.2



#70

Pentachlorophenol

Concen: 93.135 ng

RT: 17.110 min Scan# 2350

Delta R.T. -0.000 min

Lab File: BP016494.D

Acq: 03 Aug 2023 16:15

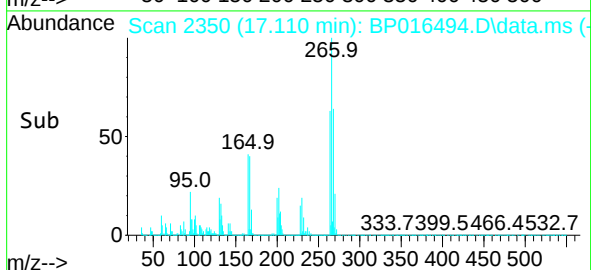
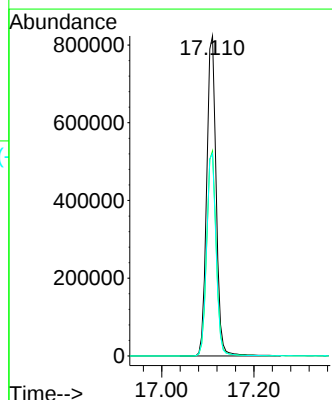
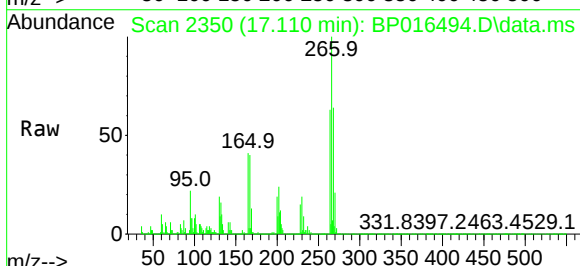
Tgt Ion:266 Resp: 1182291

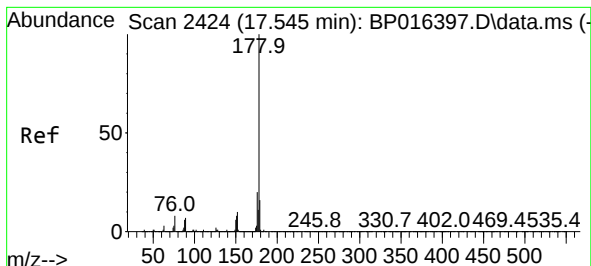
Ion Ratio Lower Upper

266 100

268 64.1 53.9 80.9

264 63.3 54.9 82.3





#71

Phenanthrene

Concen: 50.453 ng

RT: 17.528 min Scan# 2421

Delta R.T. -0.006 min

Lab File: BP016494.D

Acq: 03 Aug 2023 16:15

Instrument :

BNA_P

ClientSampleId :

PB154350BSD

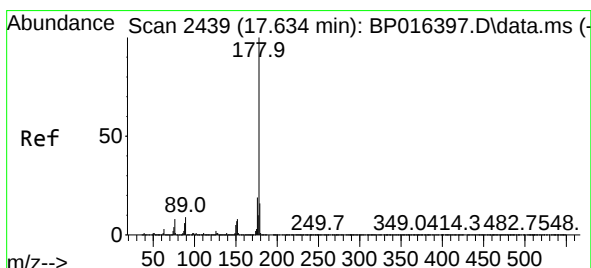
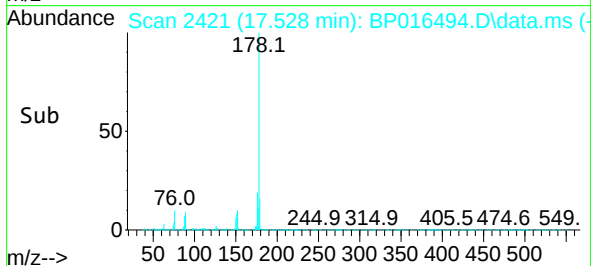
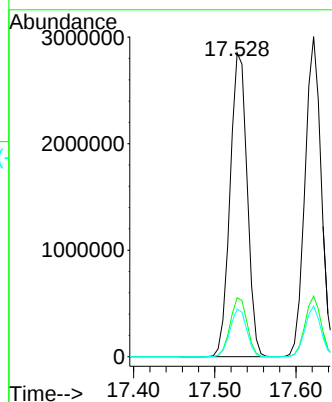
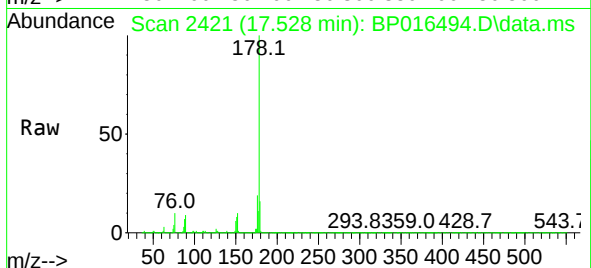
Tgt Ion:178 Resp: 4161804

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

179 15.7 12.4 18.6



#72

Anthracene

Concen: 50.460 ng

RT: 17.622 min Scan# 2437

Delta R.T. -0.000 min

Lab File: BP016494.D

Acq: 03 Aug 2023 16:15

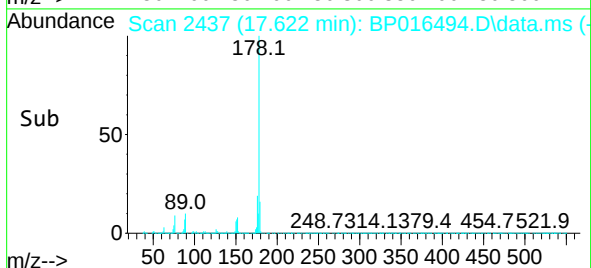
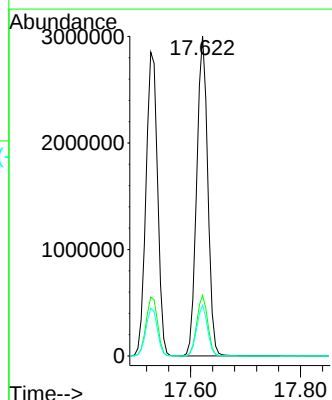
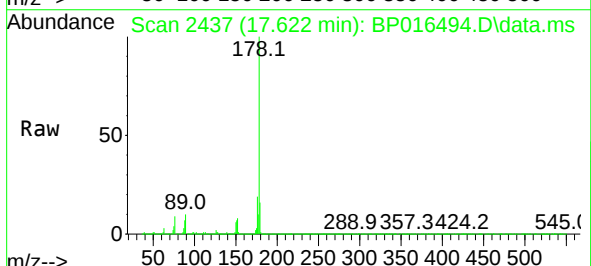
Tgt Ion:178 Resp: 4185472

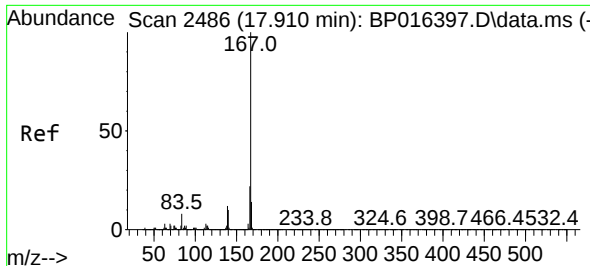
Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

179 15.9 12.6 19.0

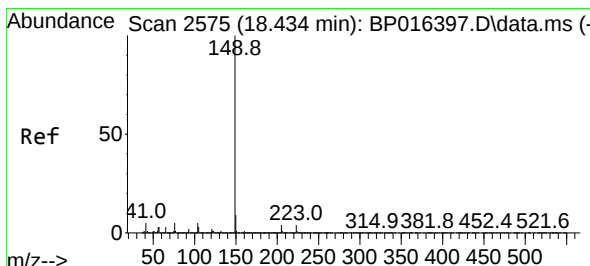
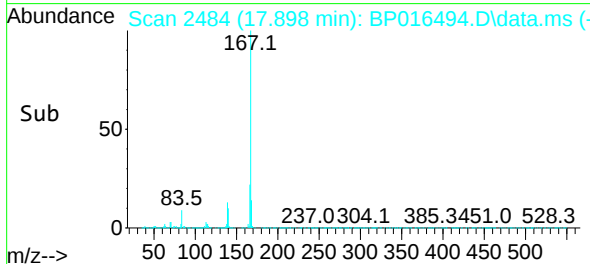
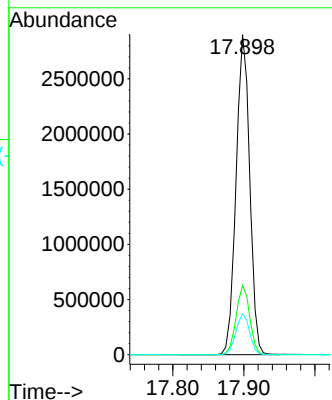
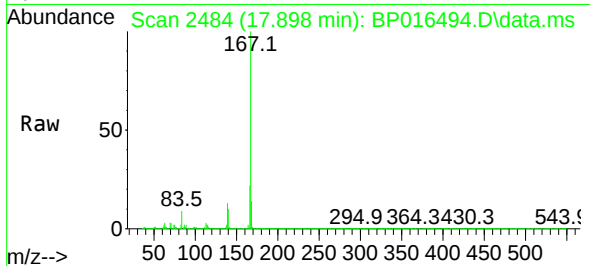




#73
 Carbazole
 Concen: 49.778 ng
 RT: 17.898 min Scan# 2484
 Delta R.T. -0.006 min
 Lab File: BP016494.D
 Acq: 03 Aug 2023 16:15

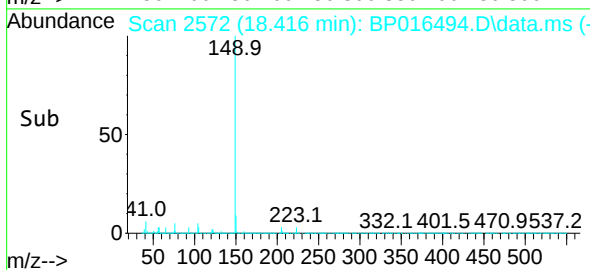
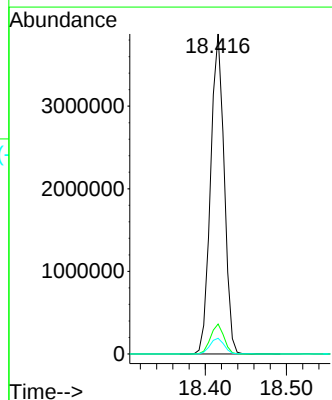
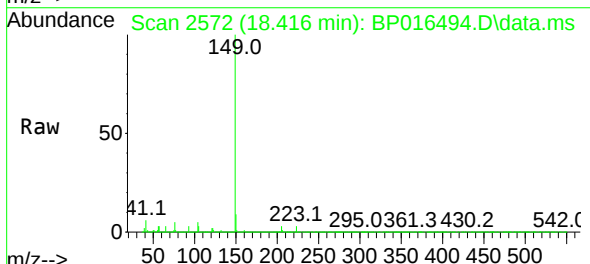
Instrument :
 BNA_P
 ClientSampleId :
 PB154350BSD

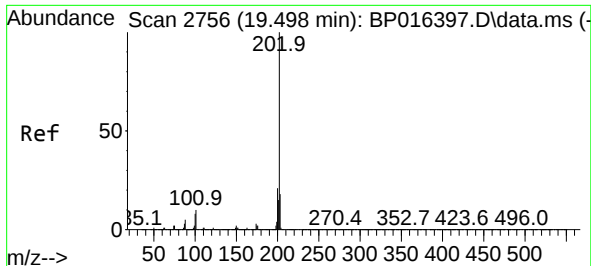
Tgt Ion:167 Resp: 3871029
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 12.8 9.9 14.9



#74
 Di-n-butylphthalate
 Concen: 49.929 ng
 RT: 18.416 min Scan# 2572
 Delta R.T. -0.000 min
 Lab File: BP016494.D
 Acq: 03 Aug 2023 16:15

Tgt Ion:149 Resp: 4492074
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 4.9 3.8 5.8

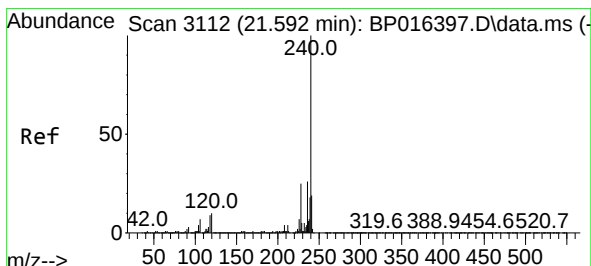
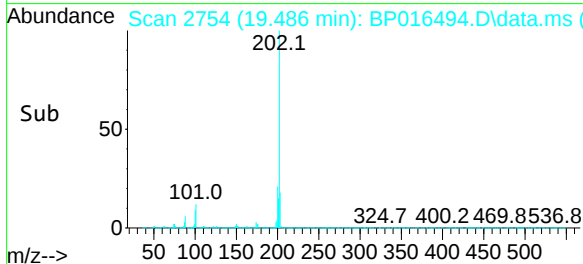
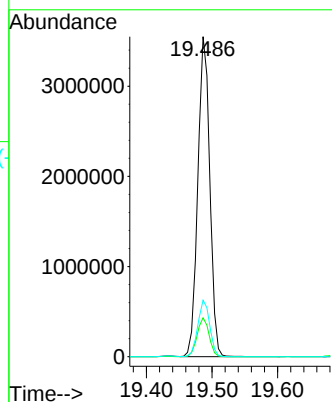
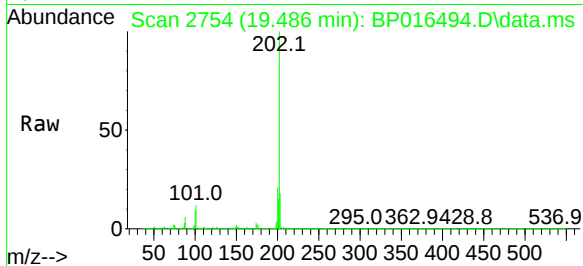




#75
Fluoranthene
Concen: 46.620 ng
RT: 19.486 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

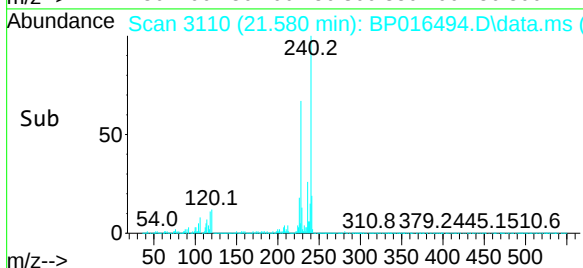
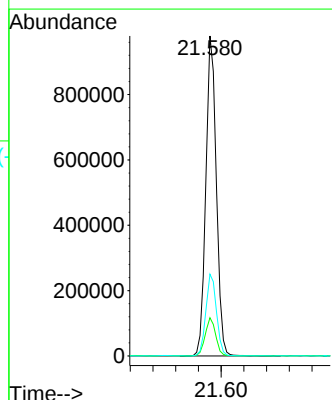
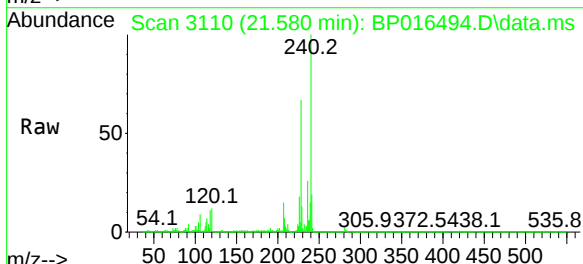
Instrument :
BNA_P
ClientSampleId :
PB154350BSD

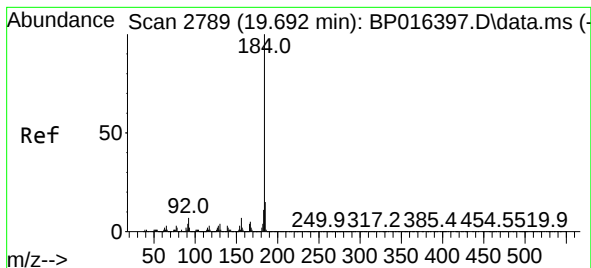
Tgt Ion:202 Resp: 4507412
Ion Ratio Lower Upper
202 100
101 12.2 0.0 30.2
203 17.7 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

Tgt Ion:240 Resp: 1251848
Ion Ratio Lower Upper
240 100
120 11.9 7.9 11.9#
236 25.5 21.1 31.7





#77

Benzidine

Concen: 95.004 ng

RT: 19.686 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP016494.D

Acq: 03 Aug 2023 16:15

Instrument :

BNA_P

ClientSampleId :

PB154350BSD

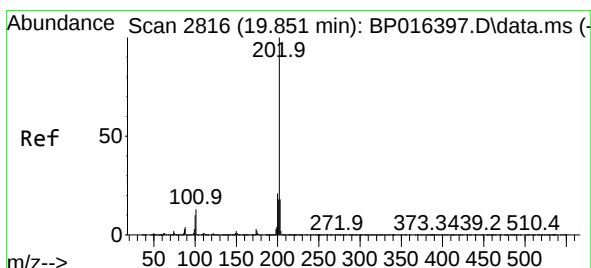
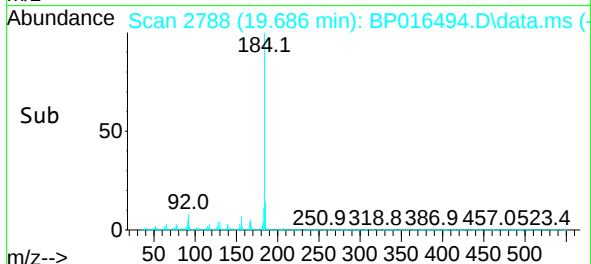
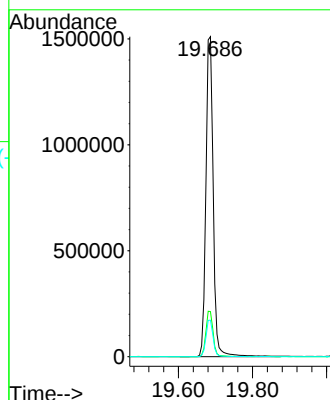
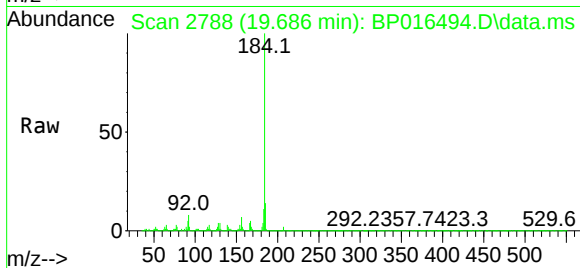
Tgt Ion:184 Resp: 2061976

Ion Ratio Lower Upper

184 100

185 14.1 12.0 18.0

183 11.4 9.2 13.8



#78

Pyrene

Concen: 55.200 ng

RT: 19.845 min Scan# 2815

Delta R.T. -0.000 min

Lab File: BP016494.D

Acq: 03 Aug 2023 16:15

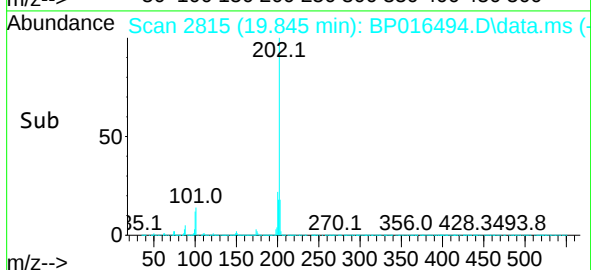
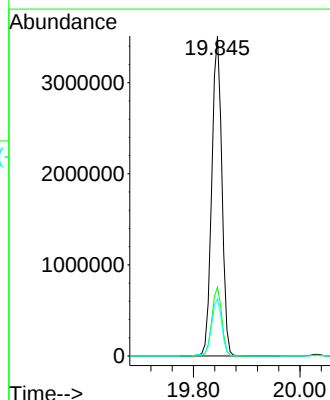
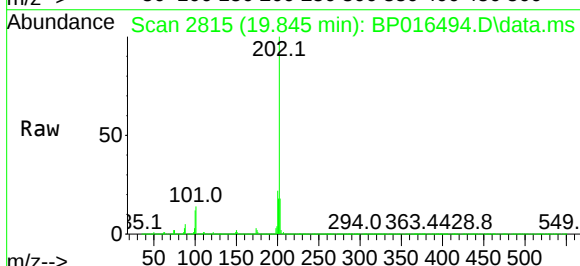
Tgt Ion:202 Resp: 4632278

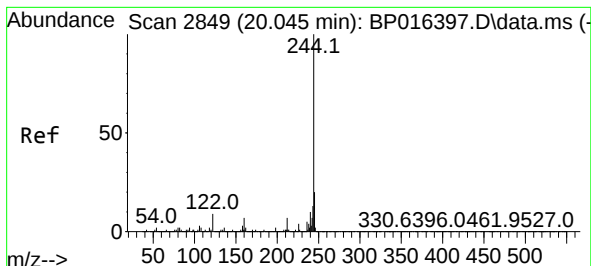
Ion Ratio Lower Upper

202 100

200 21.5 17.1 25.7

203 17.9 14.4 21.6





#79

Terphenyl-d14

Concen: 115.600 ng

RT: 20.033 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP016494.D

Acq: 03 Aug 2023 16:15

Instrument :

BNA_P

ClientSampleId :

PB154350BSD

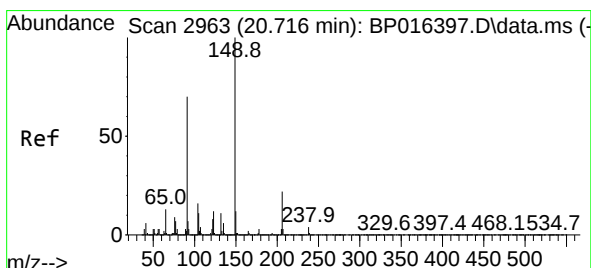
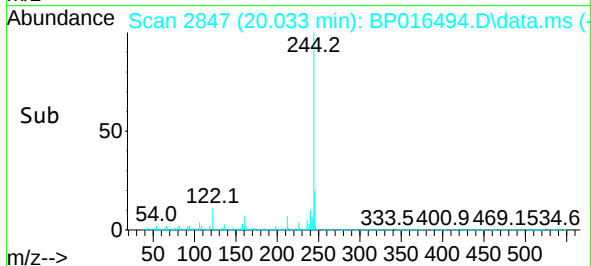
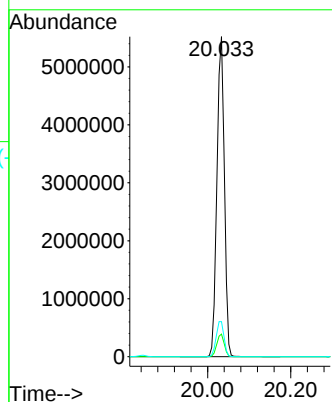
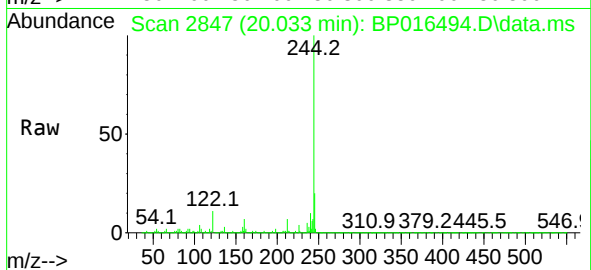
Tgt Ion:244 Resp: 6850619

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 11.0 7.4 11.2



#80

Butylbenzylphthalate

Concen: 57.094 ng

RT: 20.704 min Scan# 2961

Delta R.T. -0.006 min

Lab File: BP016494.D

Acq: 03 Aug 2023 16:15

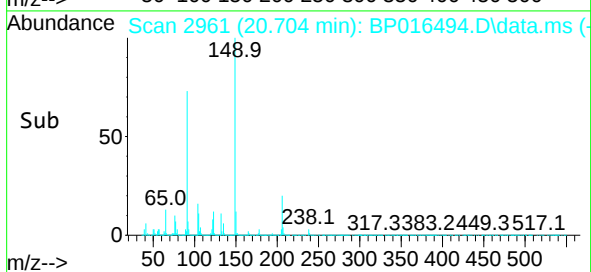
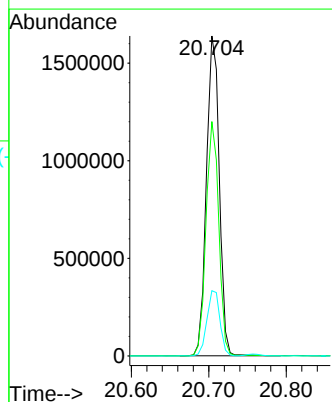
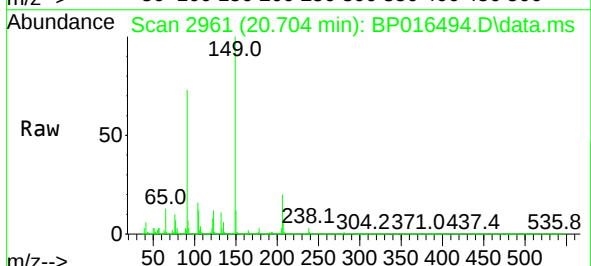
Tgt Ion:149 Resp: 1882248

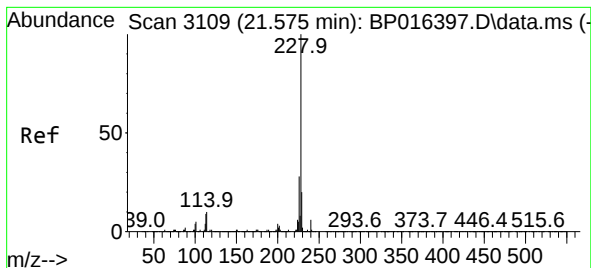
Ion Ratio Lower Upper

149 100

91 73.3 56.1 84.1

206 20.4 17.8 26.6





#81

Benzo(a)anthracene

Concen: 50.887 ng

RT: 21.563 min Scan# 3107

Delta R.T. -0.006 min

Lab File: BP016494.D

Acq: 03 Aug 2023 16:15

Instrument :

BNA_P

ClientSampleId :

PB154350BSD

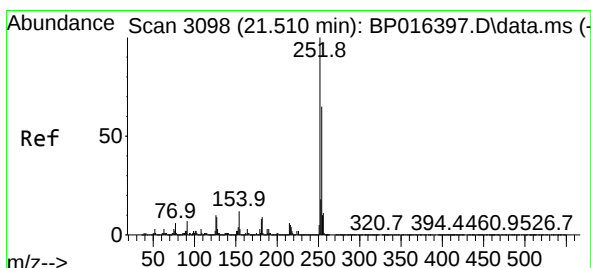
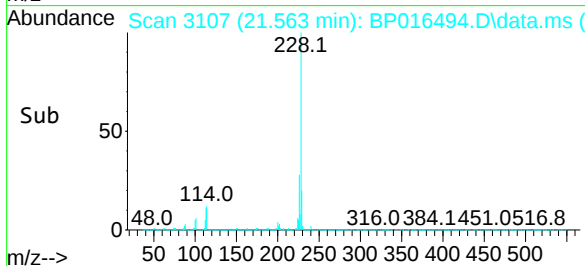
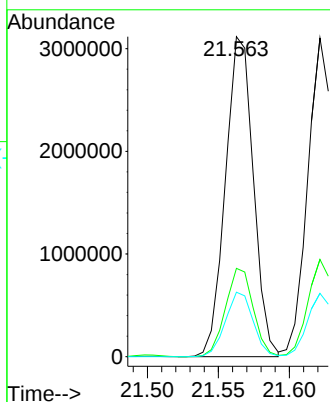
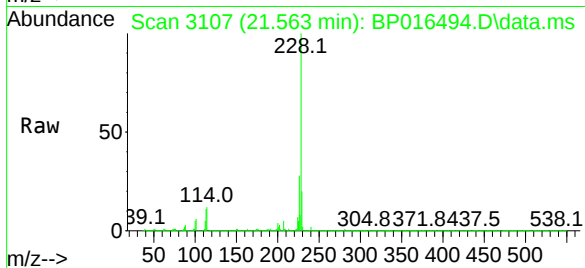
Tgt Ion:228 Resp: 4274137

Ion Ratio Lower Upper

228 100

226 27.6 22.4 33.6

229 20.2 16.2 24.4



#82

3,3'-Dichlorobenzidine

Concen: 44.495 ng

RT: 21.498 min Scan# 3096

Delta R.T. -0.006 min

Lab File: BP016494.D

Acq: 03 Aug 2023 16:15

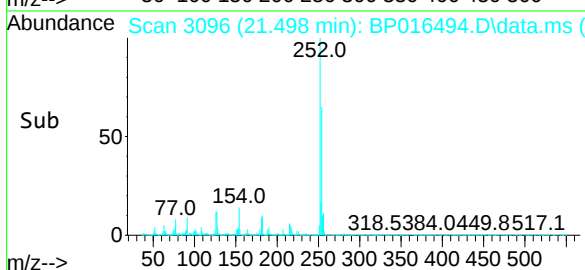
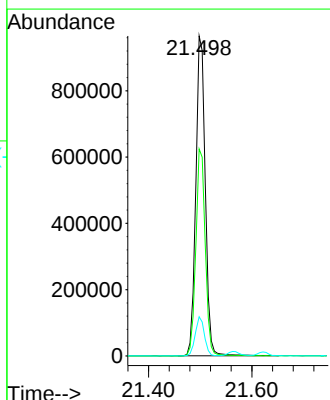
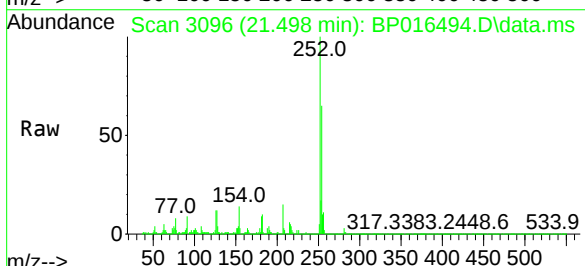
Tgt Ion:252 Resp: 1226812

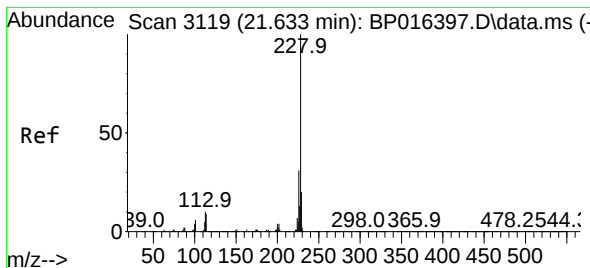
Ion Ratio Lower Upper

252 100

254 64.7 52.2 78.2

126 12.2 7.8 11.6#





#83

Chrysene

Concen: 49.699 ng

RT: 21.621 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP016494.D

Acq: 03 Aug 2023 16:15

Instrument :

BNA_P

ClientSampleId :

PB154350BSD

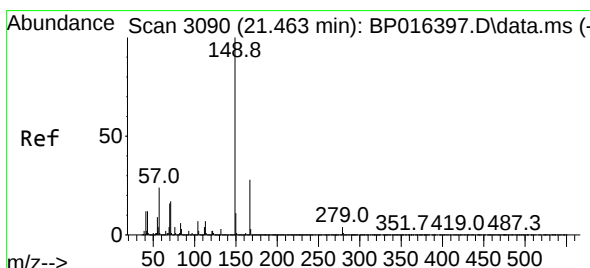
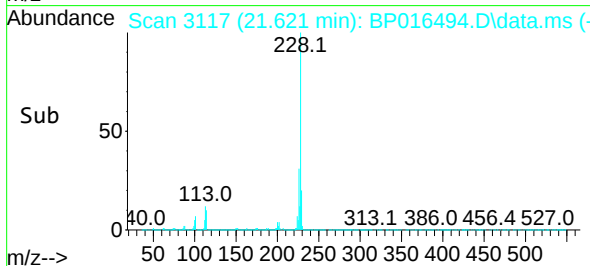
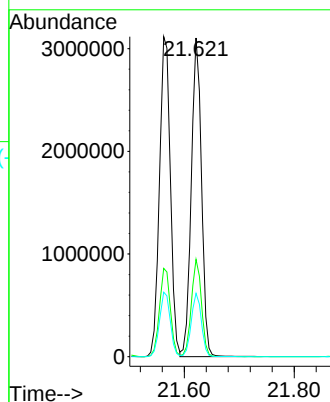
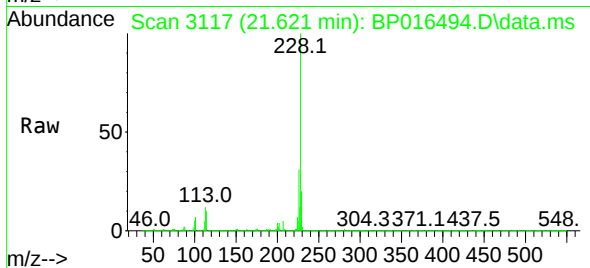
Tgt Ion:228 Resp: 3986198

Ion Ratio Lower Upper

228 100

226 30.5 24.6 37.0

229 19.9 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.409 ng

RT: 21.451 min Scan# 3088

Delta R.T. -0.000 min

Lab File: BP016494.D

Acq: 03 Aug 2023 16:15

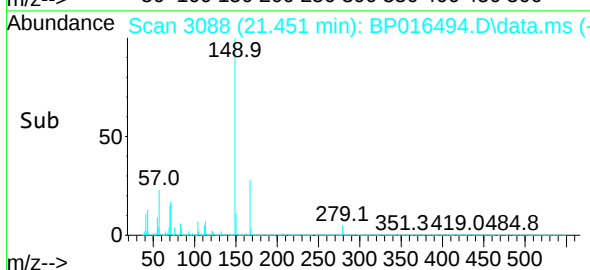
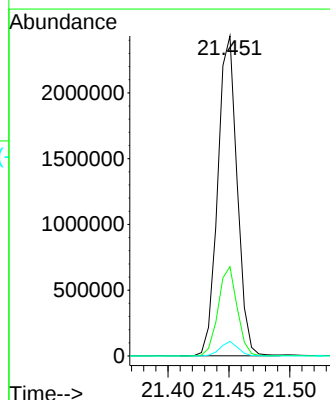
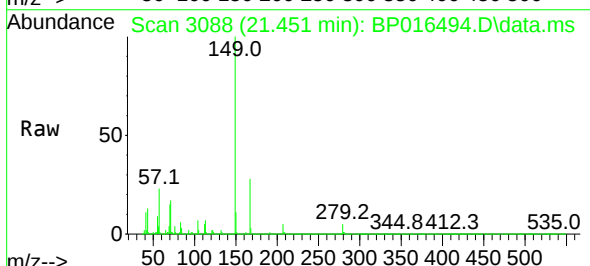
Tgt Ion:149 Resp: 2693046

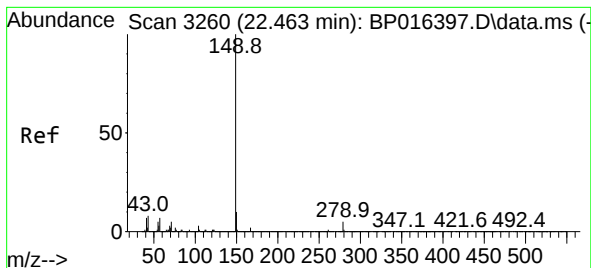
Ion Ratio Lower Upper

149 100

167 27.9 22.5 33.7

279 4.5 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 54.516 ng

RT: 22.439 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP016494.D

Acq: 03 Aug 2023 16:15

Instrument :

BNA_P

ClientSampleId :

PB154350BSD

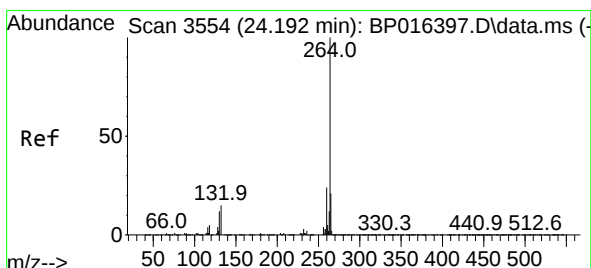
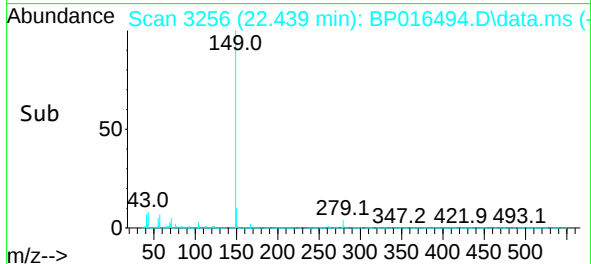
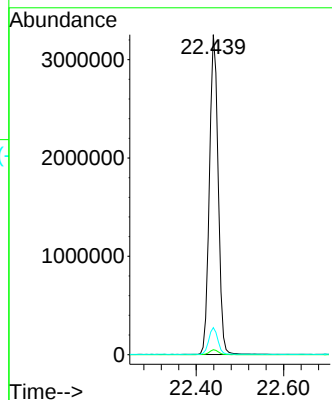
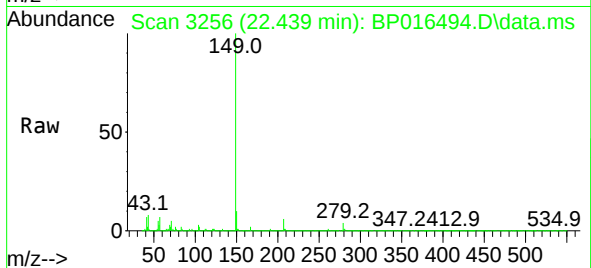
Tgt Ion:149 Resp: 4538198

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.6 6.6 9.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.174 min Scan# 3551

Delta R.T. -0.006 min

Lab File: BP016494.D

Acq: 03 Aug 2023 16:15

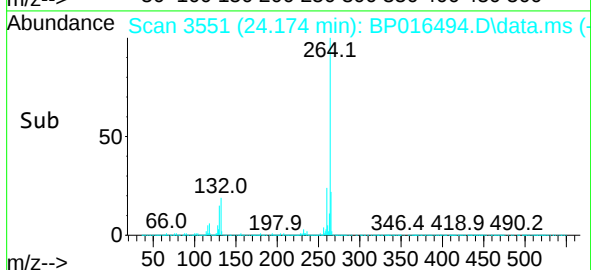
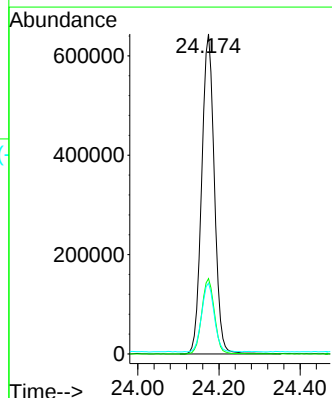
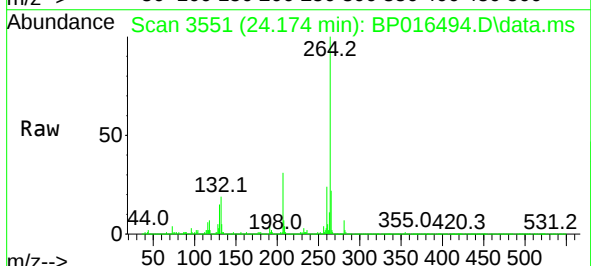
Tgt Ion:264 Resp: 1398142

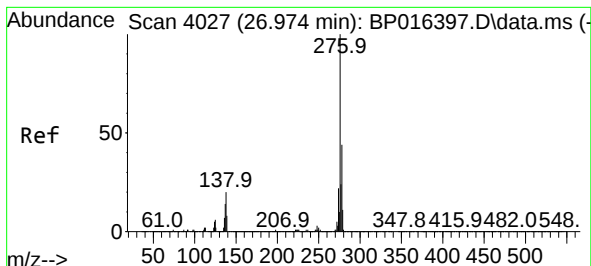
Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

265 22.2 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 57.286 ng

RT: 26.939 min Scan# 4021

Delta R.T. -0.012 min

Lab File: BP016494.D

Acq: 03 Aug 2023 16:15

Instrument :

BNA_P

ClientSampleId :

PB154350BSD

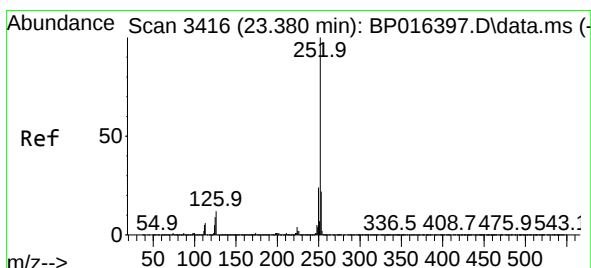
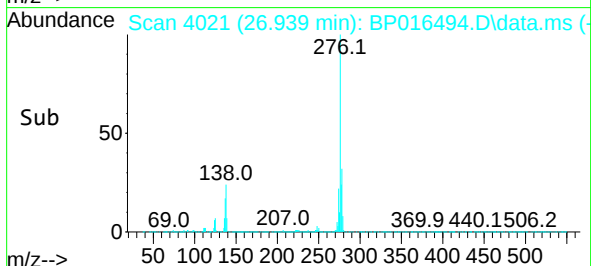
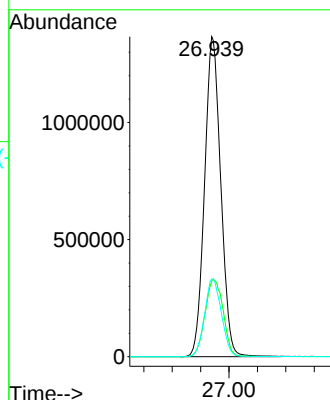
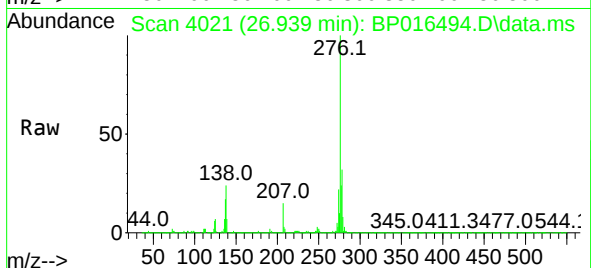
Tgt Ion:276 Resp: 5399780

Ion Ratio Lower Upper

276 100

138 27.0 18.4 27.6

277 25.2 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 53.361 ng

RT: 23.368 min Scan# 3414

Delta R.T. -0.006 min

Lab File: BP016494.D

Acq: 03 Aug 2023 16:15

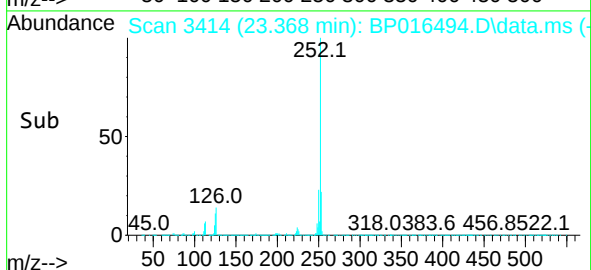
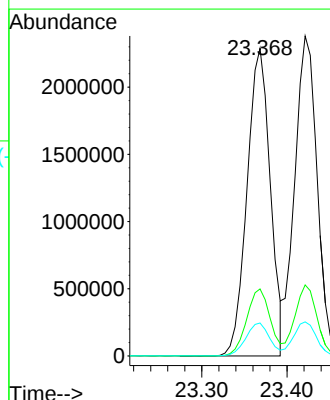
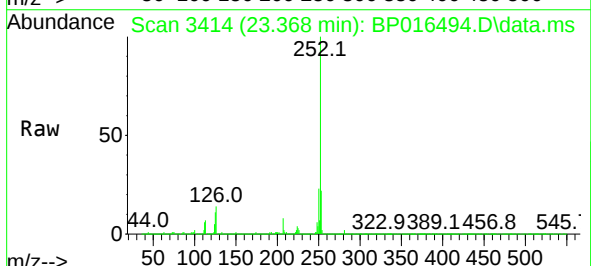
Tgt Ion:252 Resp: 4324631

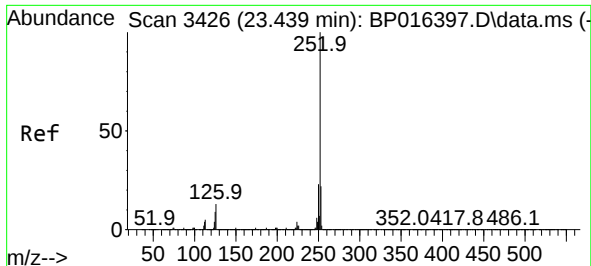
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

125 10.7 7.4 11.2

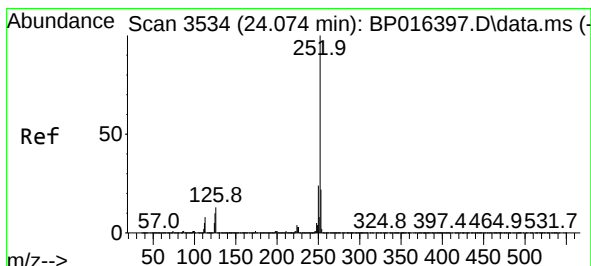
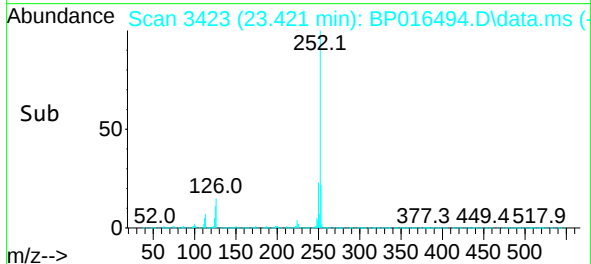
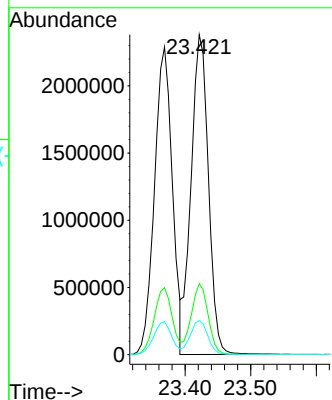
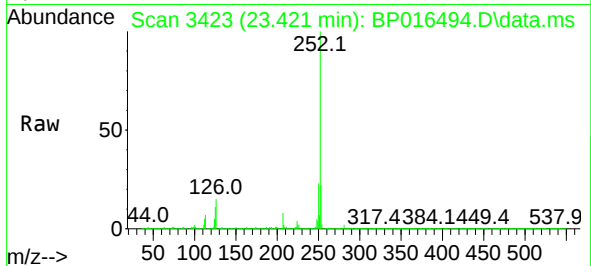




#89
Benzo(k)fluoranthene
Concen: 53.026 ng
RT: 23.421 min Scan# 34
Delta R.T. -0.006 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

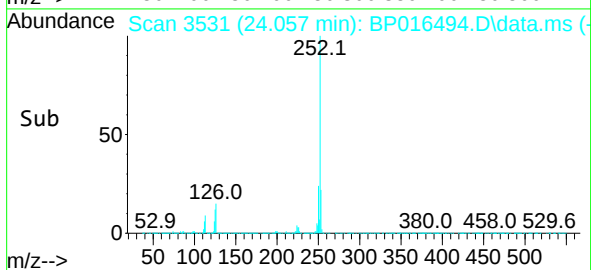
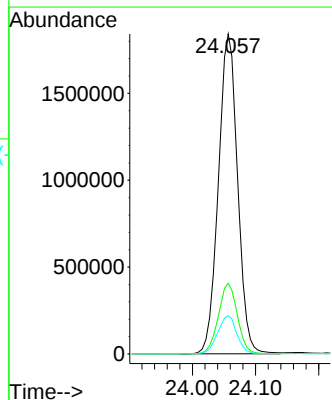
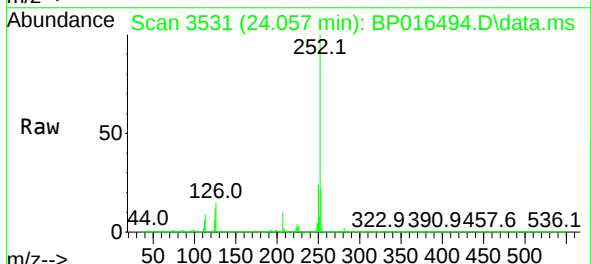
Instrument :
BNA_P
ClientSampleId :
PB154350BSD

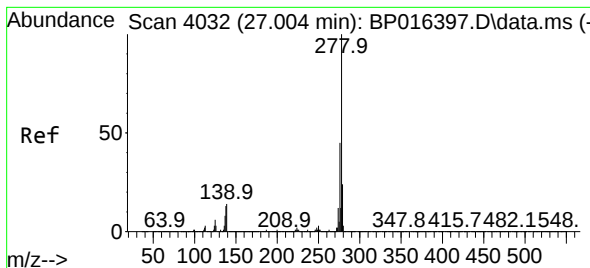
Tgt Ion:252 Resp: 4370686
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 10.7 7.1 10.7



#90
Benzo(a)pyrene
Concen: 49.551 ng
RT: 24.057 min Scan# 3531
Delta R.T. -0.006 min
Lab File: BP016494.D
Acq: 03 Aug 2023 16:15

Tgt Ion:252 Resp: 3889849
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 12.0 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 57.290 ng

RT: 26.974 min Scan# 4032

Delta R.T. -0.012 min

Lab File: BP016494.D

Acq: 03 Aug 2023 16:15

Instrument :

BNA_P

ClientSampleId :

PB154350BSD

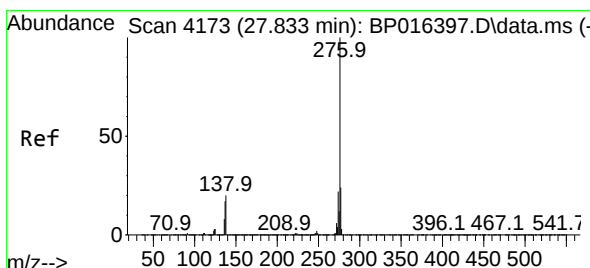
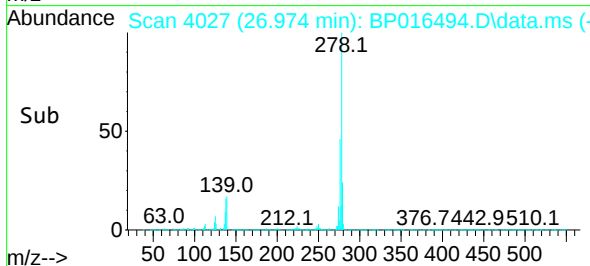
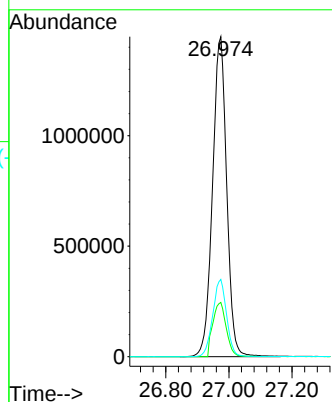
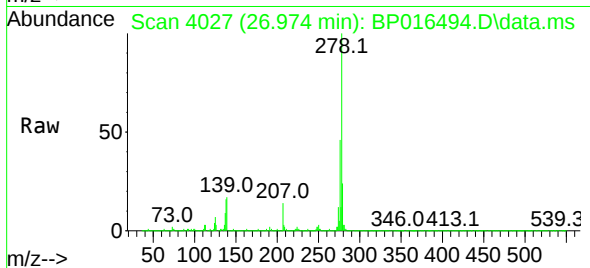
Tgt Ion:278 Resp: 4503435

Ion Ratio Lower Upper

278 100

139 16.9 11.6 17.4

279 24.1 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 59.176 ng

RT: 27.809 min Scan# 4169

Delta R.T. -0.006 min

Lab File: BP016494.D

Acq: 03 Aug 2023 16:15

Tgt Ion:276 Resp: 4482684

Ion Ratio Lower Upper

276 100

277 24.2 19.2 28.8

138 22.4 16.1 24.1

