

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061423\
 Data File : BP015565.D
 Acq On : 15 Jun 2023 20:24
 Operator : MA/JU
 Sample : PB153338BS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS338

Quant Time: Jun 15 22:08:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 15 05:36:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	1522	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.910	136	8578	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.728	164	6234	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.586	188	1492076	20.000	ng/ul	0.10
79) Chrysene-d12	21.698	240	52	20.000	ng/ul	# 0.13
88) Perylene-d12	24.262	264	730	20.000	ng/ul	# 0.15
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	18927	460.492	ng/uL	0.00
4) Pyridine-d5	3.846	84	246840	2312.059	ng/ul	0.00
7) Phenol-d5	7.240	99	391792	2794.195	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67	233484	2788.202	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	301280	2963.590	ng/ul	0.00
15) 4-Methylphenol-d8	8.804	113	336056	2920.253	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	158171	2348.642	ng/ul	0.00
24) 2-Nitrophenol-d4	9.993	143	184565	2399.802	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	341820	2436.461	ng/ul	0.00
31) 4-Chloroaniline-d4	11.051	131	393516	1954.141	ng/ul	0.00
46) Dimethylphthalate-d6	14.134	166	1110110	2258.208	ng/ul	0.00
49) Acenaphthylene-d8	14.428	160	1221468	2272.366	ng/ul	0.00
54) 4-Nitrophenol-d4	14.939	143	194411	2208.394	ng/ul	0.00
60) Fluorene-d10	15.722	176	919926	2219.136	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	202278	21.400	ng/ul	0.00
73) Anthracene-d10	17.586	188	1492359	21.983	ng/ul	0.00
81) Pyrene-d10	19.810	212	1875081	673733.348	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.951	264	1966213	53680.045	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.440	88	39240	903.829	ng/uL#	86
5) Pyridine	3.864	79	284069	2566.524	ng/ul	95
6) Benzaldehyde	7.222	77	211841	3952.635	ng/ul	96
8) Phenol	7.269	94	399872	2764.268	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.504	93	297468	2600.863	ng/ul	99
12) 2-Chlorophenol	7.646	128	297717	2771.785	ng/ul	98
13) 2-Methylphenol	8.534	108	306347	2752.423	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.610	45	404759	2670.550	ng/ul	97
16) Acetophenone	8.922	105	504825	2748.815	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.904	70	264828	2671.743	ng/ul	96
18) 4-Methylphenol	8.869	108	340342	2779.236	ng/ul	99
19) Hexachloroethane	9.175	117	124501	2742.988	ng/ul	96
22) Nitrobenzene	9.304	77	406020	2273.365	ng/ul	98
23) Isophorone	9.834	82	779630	2180.666	ng/ul	98
25) 2-Nitrophenol	10.022	139	190605	2295.429	ng/ul	97
26) 2,4-Dimethylphenol	10.081	107	371550	2109.942	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.316	93	446045	2145.927	ng/ul	99
29) 2,4-Dichlorophenol	10.557	162	329592	2362.847	ng/ul	98
30) Naphthalene	10.963	128	1013122	2179.557	ng/ul	99
32) 4-Chloroaniline	11.081	127	371462	1782.734	ng/ul	97
33) Hexachlorobutadiene	11.240	225	213537	2269.945	ng/ul	97
34) Caprolactam	11.869	113	117234	2232.629	ng/ul	93
35) 4-Chloro-3-methylphenol	12.198	107	401427	2375.198	ng/ul	96
36) 2-Methylnaphthalene	12.563	142	713947	2184.829	ng/ul	99

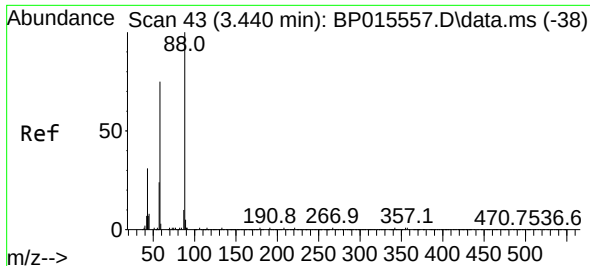
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.781	142	720801	2190.806	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.928	216	415336	2139.554	ng/ul	99
40) Hexachlorocyclopentadiene	12.898	237	153969	1934.962	ng/ul	95
41) 2,4,6-Trichlorophenol	13.169	196	280642	2172.131	ng/ul	99
42) 2,4,5-Trichlorophenol	13.245	196	309176	2195.971	ng/ul	95
43) 1,1'-Biphenyl	13.563	154	992501	2058.714	ng/ul	100
44) 2-Chloronaphthalene	13.610	162	786771	2080.053	ng/ul	98
45) 2-Nitroaniline	13.822	65	277058	2288.670	ng/ul	98
47) Dimethylphthalate	14.181	163	1068043	2104.261	ng/ul	100
48) 2,6-Dinitrotoluene	14.310	165	234256	2252.721	ng/ul	99
50) Acenaphthylene	14.457	152	1236234	2076.774	ng/ul	99
51) 3-Nitroaniline	14.645	138	228243	2658.831	ng/ul	99
52) Acenaphthene	14.792	153	861116	2092.749	ng/ul	99
53) 2,4-Dinitrophenol	14.857	184	122268	1954.610	ng/ul	98
55) 4-Nitrophenol	14.951	109	187588	2209.158	ng/ul	92
56) Dibenzofuran	15.128	168	1217957	2088.415	ng/ul	98
57) 2,4-Dinitrotoluene	15.098	165	339570	2220.216	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.357	232	274823	2161.877	ng/ul	97
59) Diethylphthalate	15.539	149	1118616	2150.385	ng/ul	99
61) Fluorene	15.781	166	1003626	2111.045	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.769	204	503454	2101.182	ng/ul	99
63) 4-Nitroaniline	15.810	138	240616	2955.047	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.863	198	195228	20.251	ng/ul	94
67) N-Nitrosodiphenylamine	15.986	169	870304	20.560	ng/ul	100
68) 4-Bromophenyl-phenylether	16.669	248	335055	20.990	ng/ul	99
69) Hexachlorobenzene	16.786	284	401908	21.345	ng/ul	94
70) Atrazine	16.933	200	196845	11.645	ng/ul	99
72) Phenanthrene	17.622	178	1681714	21.003	ng/ul	99
74) Anthracene	17.622	178	1679992	20.679	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.534	216	423135	20.548	ng/uL	98
76) Pentachlorobenzene	15.045	250	435541	20.201	ng/uL	99
77) Carbazole	17.892	167	1558054	21.299	ng/ul	99
78) Di-n-butylphthalate	18.416	149	2039472	21.974	ng/ul	99
80) Fluoranthene	19.486	202	2143617	632313.832	ng/ul	97
82) Pyrene	19.839	202	2209429	629944.108	ng/ul	97
83) Butylbenzylphthalate	20.692	149	1033353	666591.875	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.480	252	791306	644119.330	ng/ul	98
85) Benzo(a)anthracene	21.610	228	2153612	592433.030	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.445	149	1545882	674666.883	ng/ul	99
87) Chrysene	21.610	228	2149433	625553.558	ng/ul	98
89) Di-n-octyl phthalate	22.415	149	2760096	57528.813	ng/ul	100
90) Benzo(b)fluoranthene	23.380	252	2316924	49169.120	ng/ul	100
91) Benzo(k)fluoranthene	23.380	252	2312620	50770.570	ng/ul	100
93) Benzo(a)pyrene	24.004	252	2019247	49150.209	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.809	276	2000600	37627.532	ng/ul	98
95) Dibenzo(a,h)anthracene	26.827	278	1673218	38627.851	ng/ul	99
96) Benzo(g,h,i)perylene	27.645	276	1617542	36916.454	ng/ul	99

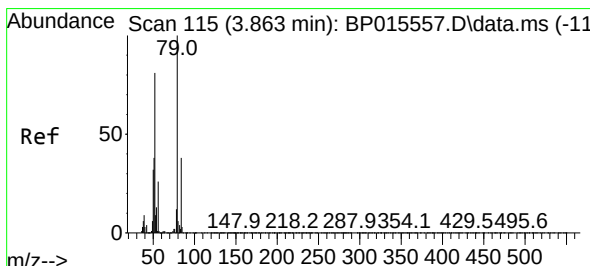
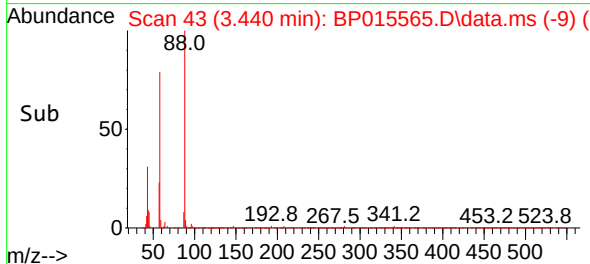
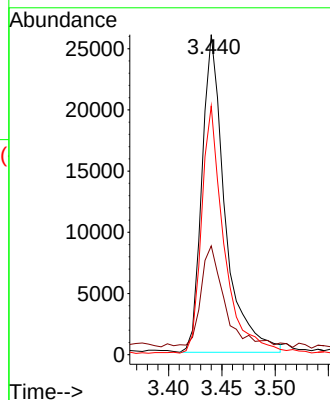
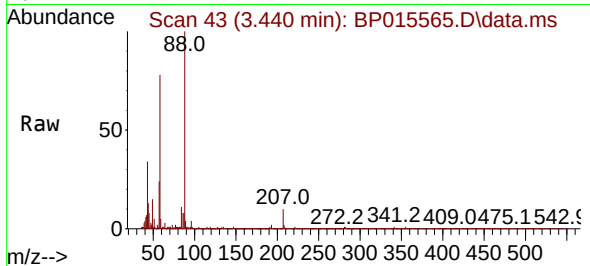
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#2
1,4-Dioxane
Concen: 903.829 ng/uL
RT: 3.440 min Scan# 41
Delta R.T. -0.000 min
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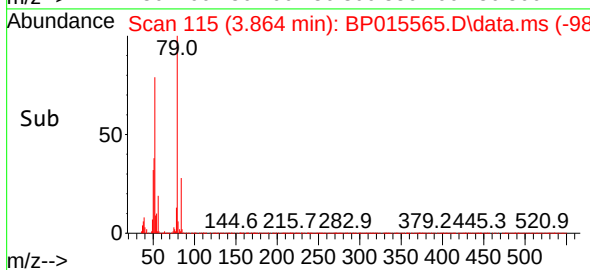
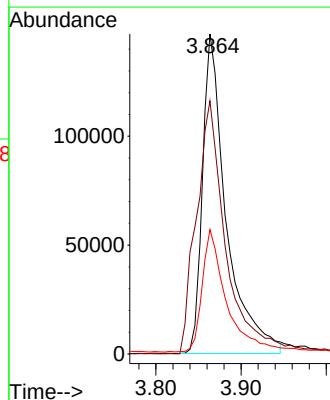
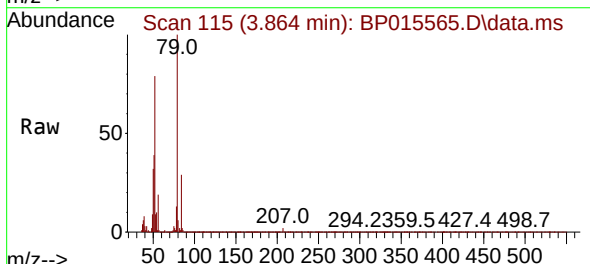
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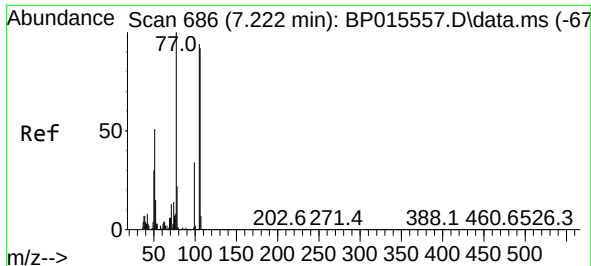
Tgt Ion: 88	Resp: 39240
Ion Ratio	Lower Upper
88 100	
43 34.0	23.9 35.9
58 77.7	51.4 77.2#



#5
Pyridine
Concen: 2566.524 ng/uL
RT: 3.864 min Scan# 115
Delta R.T. -0.000 min
Lab File: BP015565.D
Acq: 15 Jun 2023 20:24

Tgt Ion: 79	Resp: 284069
Ion Ratio	Lower Upper
79 100	
52 79.1	59.5 89.3
51 38.8	29.8 44.6

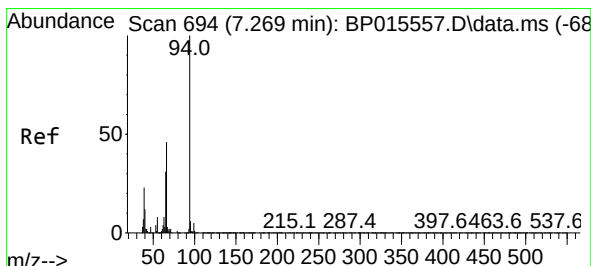
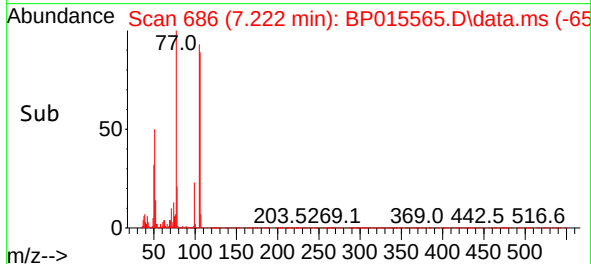
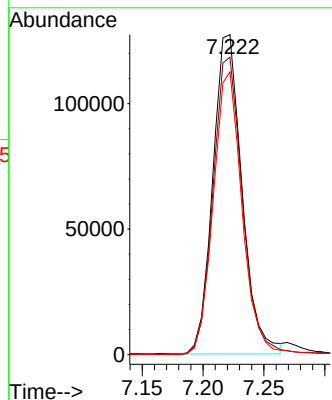
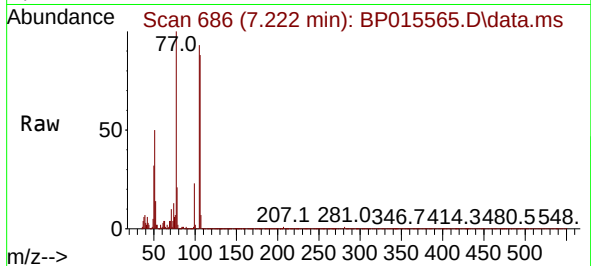




#6
Benzaldehyde
Concen: 3952.635 ng/ul
RT: 7.222 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP015565.D
Acq: 15 Jun 2023 20:24

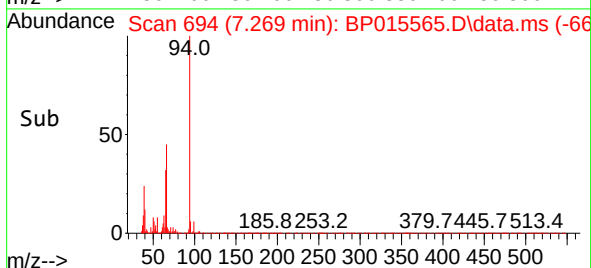
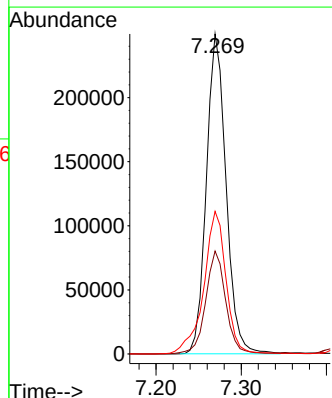
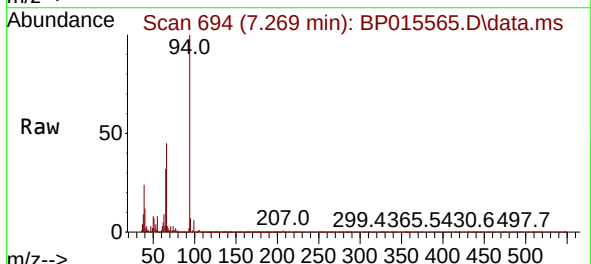
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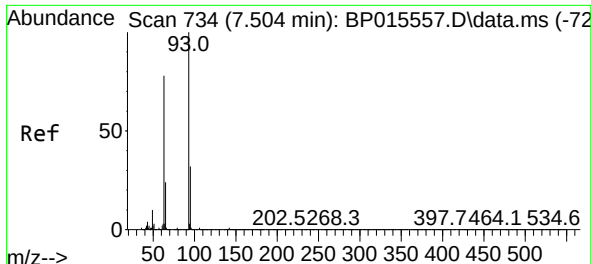
Tgt Ion: 77 Resp: 211841
Ion Ratio Lower Upper
77 100
105 93.0 77.3 115.9
106 88.4 73.3 109.9



#8
Phenol
Concen: 2764.268 ng/ul
RT: 7.269 min Scan# 694
Delta R.T. -0.000 min
Lab File: BP015565.D
Acq: 15 Jun 2023 20:24

Tgt Ion: 94 Resp: 399872
Ion Ratio Lower Upper
94 100
65 32.1 23.5 35.3
66 44.5 34.2 51.4

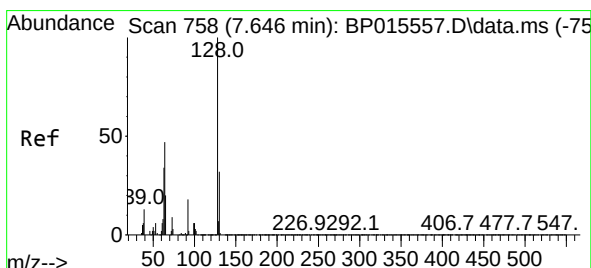
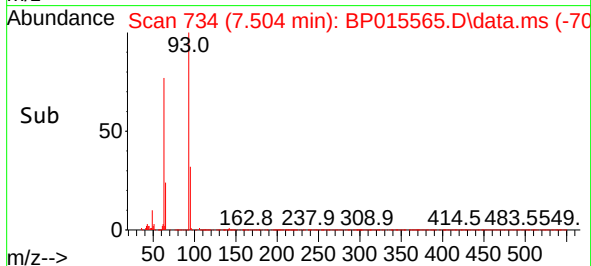
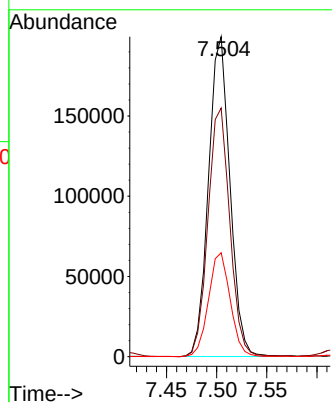
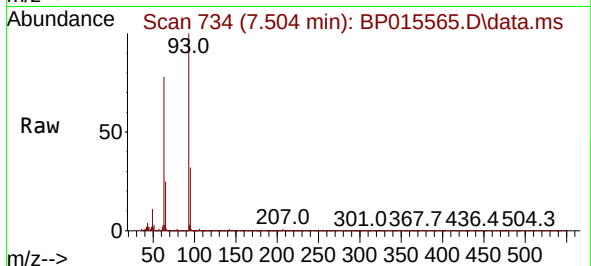




#10
Bis(2-Chloroethyl)ether
Concen: 2600.863 ng/ul
RT: 7.504 min Scan# 734
Delta R.T. -0.000 min
Lab File: BP015565.D
Acq: 15 Jun 2023 20:24

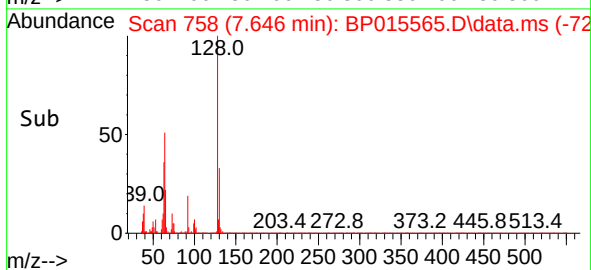
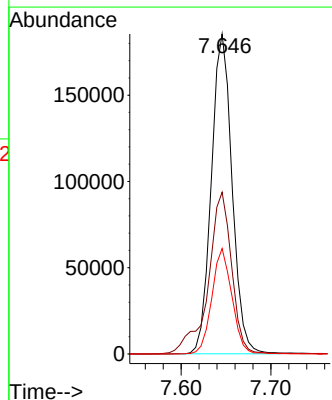
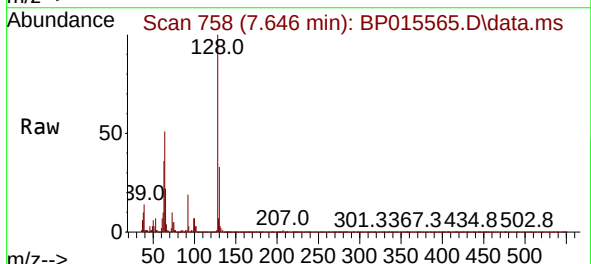
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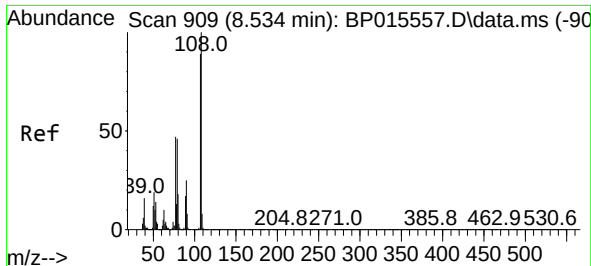
Tgt Ion: 93	Resp: 297468
Ion Ratio	Lower Upper
93 100	
63 77.7	62.6 93.8
95 32.5	25.5 38.3



#12
2-Chlorophenol
Concen: 2771.785 ng/ul
RT: 7.646 min Scan# 758
Delta R.T. -0.000 min
Lab File: BP015565.D
Acq: 15 Jun 2023 20:24

Tgt Ion:128	Resp: 297717		
Ion Ratio	Lower	Upper	
128 100			
64 50.5	40.2	60.4	
130 32.9	24.5	36.7	

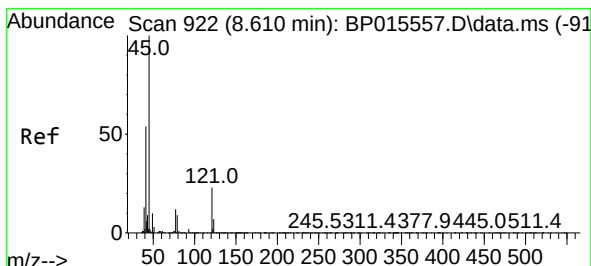
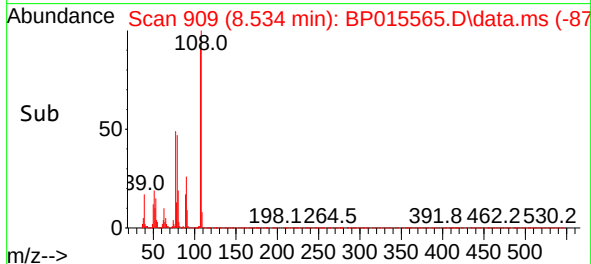
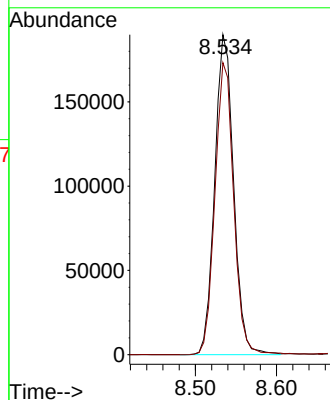
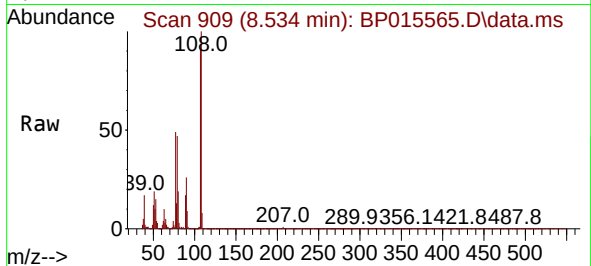




#13
2-Methylphenol
Concen: 2752.423 ng/ul
RT: 8.534 min Scan# 909
Delta R.T. -0.000 min
Lab File: BP015565.D
Acq: 15 Jun 2023 20:24

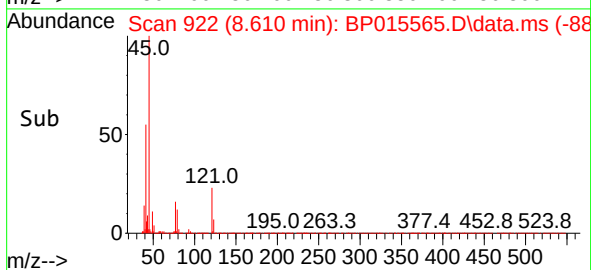
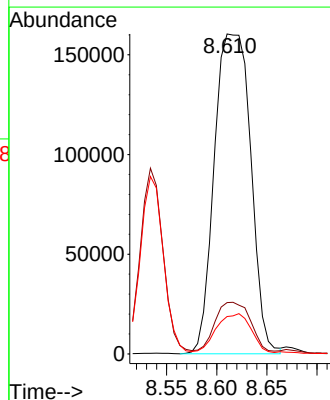
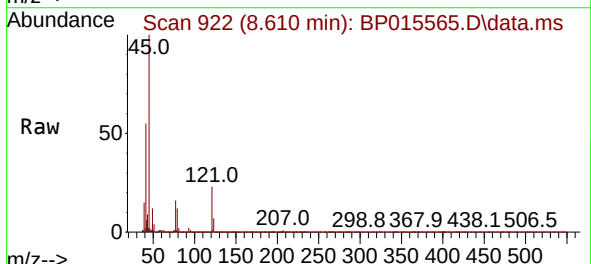
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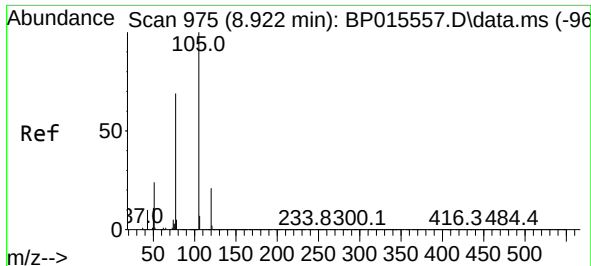
Tgt Ion:108 Resp: 306347
Ion Ratio Lower Upper
108 100
107 91.2 71.2 106.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 2670.550 ng/ul
RT: 8.610 min Scan# 922
Delta R.T. -0.006 min
Lab File: BP015565.D
Acq: 15 Jun 2023 20:24

Tgt Ion: 45 Resp: 404759
Ion Ratio Lower Upper
45 100
77 16.0 11.8 17.8
79 11.7 8.7 13.1

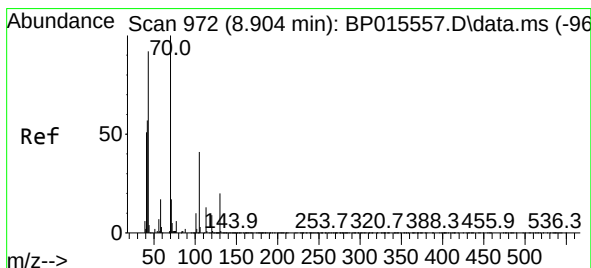
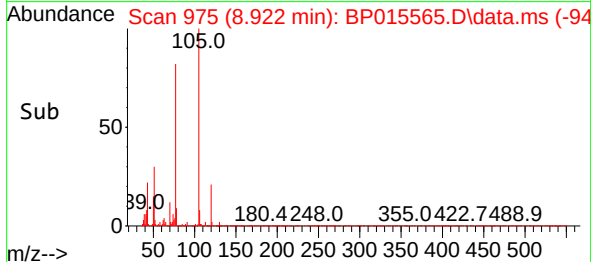
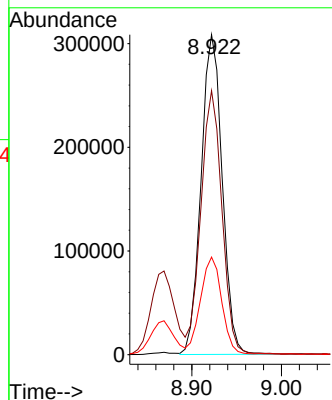
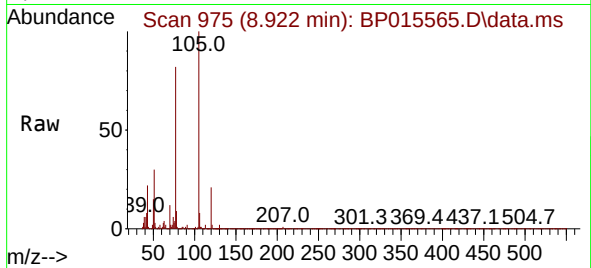




#16
Acetophenone
Concen: 2748.815 ng/ul
RT: 8.922 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP015565.D
Acq: 15 Jun 2023 20:24

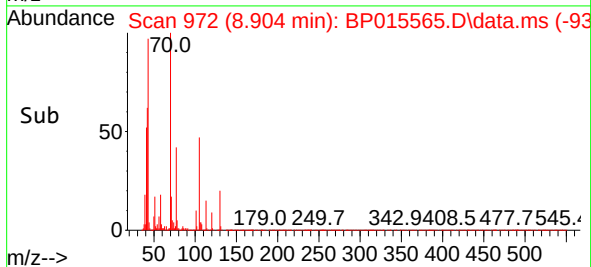
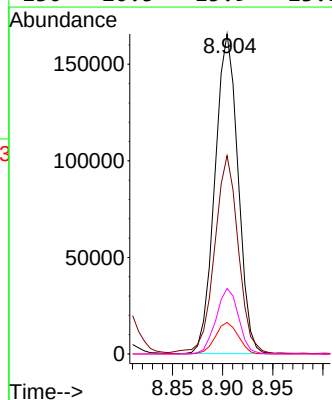
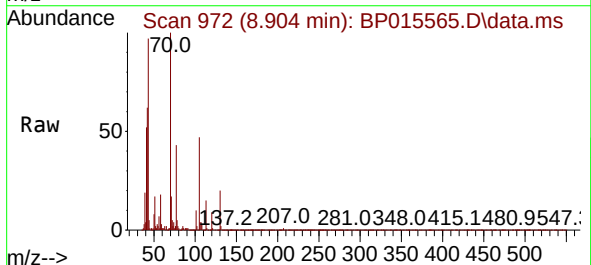
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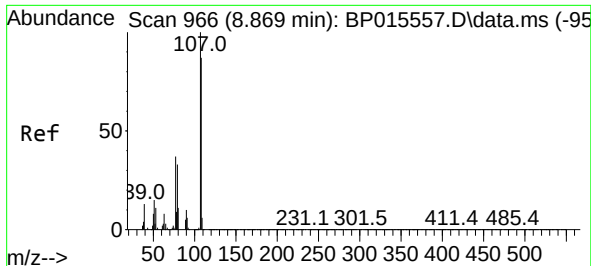
Tgt Ion:105 Resp: 504825
Ion Ratio Lower Upper
105 100
77 82.5 64.9 97.3
51 30.5 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 2671.743 ng/ul
RT: 8.904 min Scan# 972
Delta R.T. -0.000 min
Lab File: BP015565.D
Acq: 15 Jun 2023 20:24

Tgt Ion: 70 Resp: 264828
Ion Ratio Lower Upper
70 100
42 62.0 46.6 69.8
101 9.9 7.8 11.6
130 20.5 15.9 23.9

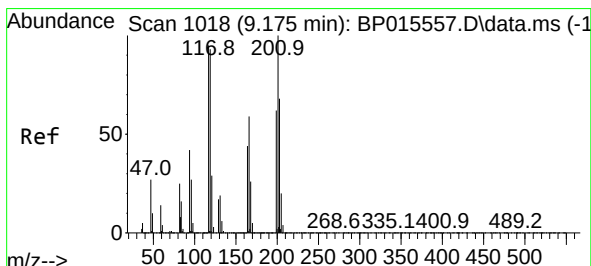
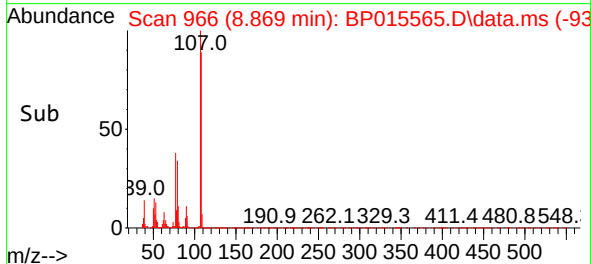
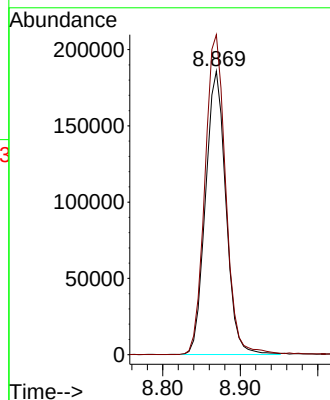
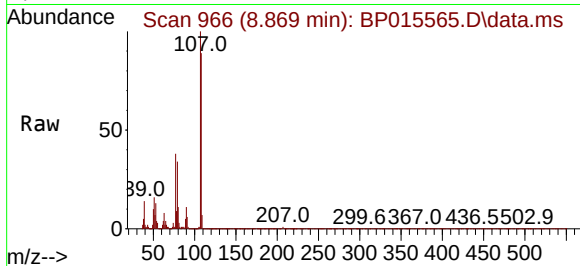




#18
4-Methylphenol
Concen: 2779.236 ng/ul
RT: 8.869 min Scan# 90
Delta R.T. 0.006 min
Lab File: BP015565.D
Acq: 15 Jun 2023 20:24

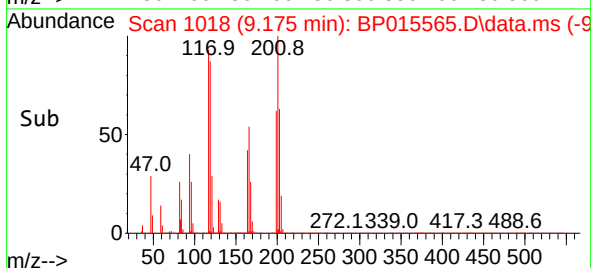
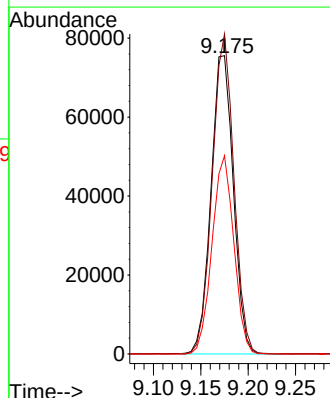
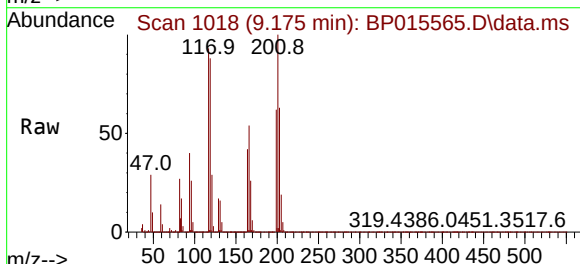
Instrument :
BNA_P
ClientSampleId :
SLCS338

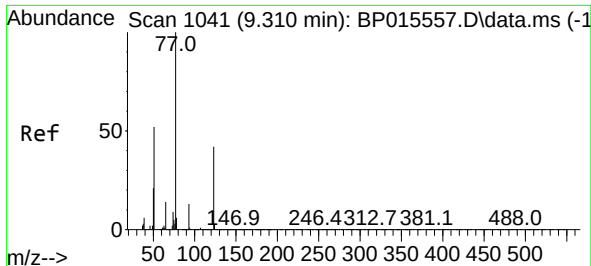
Tgt Ion:108 Resp: 340342
Ion Ratio Lower Upper
108 100
107 112.9 89.3 133.9



#19
Hexachloroethane
Concen: 2742.988 ng/ul
RT: 9.175 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BP015565.D
Acq: 15 Jun 2023 20:24

Tgt Ion:117 Resp: 124501
Ion Ratio Lower Upper
117 100
201 107.3 82.8 124.2
199 66.5 50.6 76.0

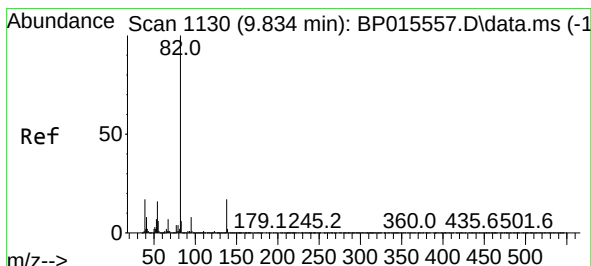
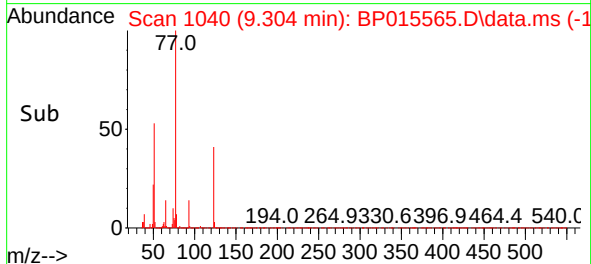
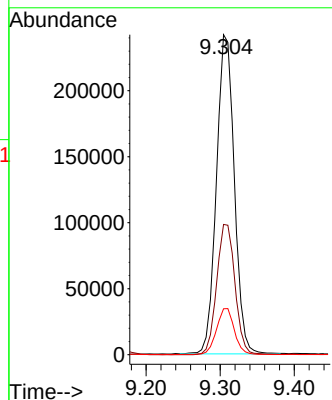
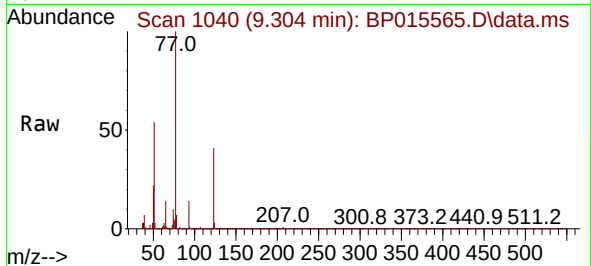




#22
Nitrobenzene
Concen: 2273.365 ng/ul
RT: 9.304 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BP015565.D
Acq: 15 Jun 2023 20:24

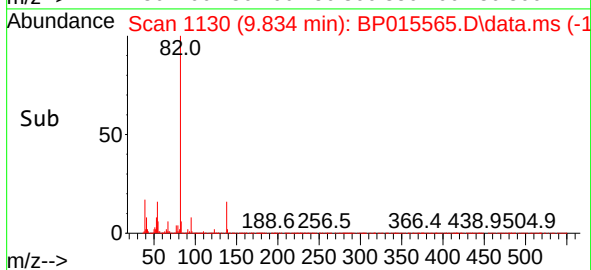
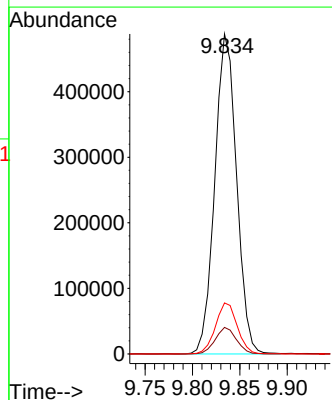
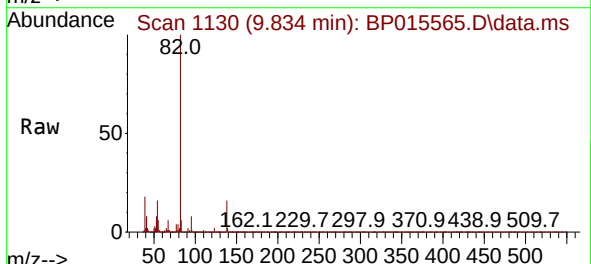
Instrument :
BNA_P
ClientSampleId :
SLCS338

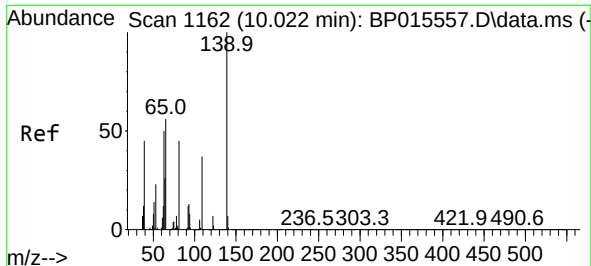
Tgt Ion: 77 Resp: 406020
Ion Ratio Lower Upper
77 100
123 40.7 33.5 50.3
65 14.4 11.6 17.4



#23
Isophorone
Concen: 2180.666 ng/ul
RT: 9.834 min Scan# 1130
Delta R.T. -0.000 min
Lab File: BP015565.D
Acq: 15 Jun 2023 20:24

Tgt Ion: 82 Resp: 779630
Ion Ratio Lower Upper
82 100
95 8.3 5.8 8.8
138 16.0 13.1 19.7

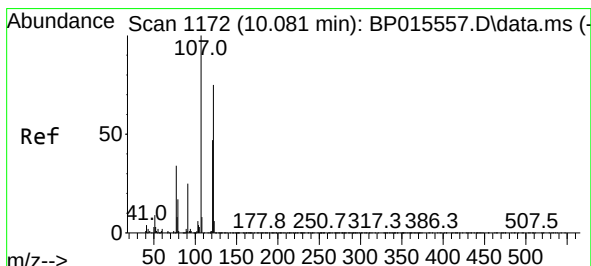
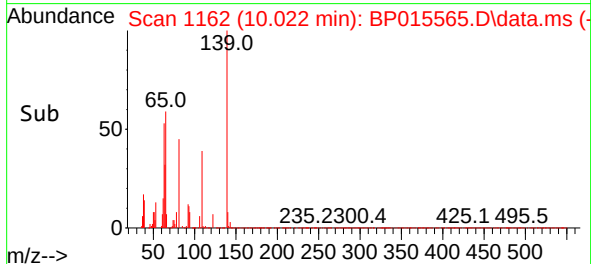
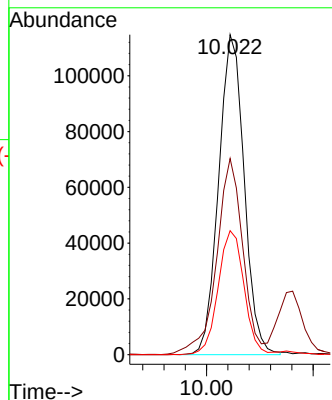
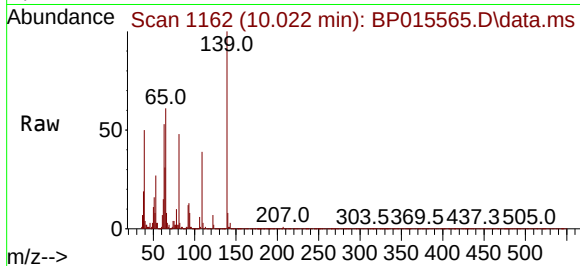




#25
2-Nitrophenol
Concen: 2295.429 ng/ul
RT: 10.022 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BP015565.D
Acq: 15 Jun 2023 20:24

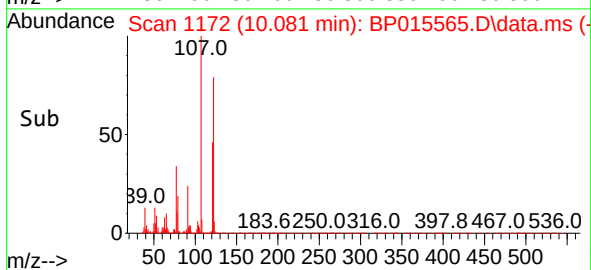
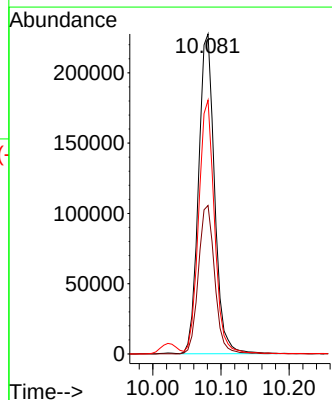
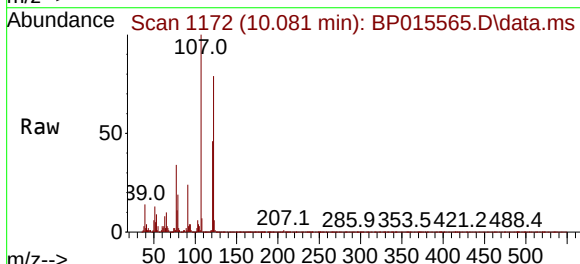
Instrument :
BNA_P
ClientSampleId :
SLCS338

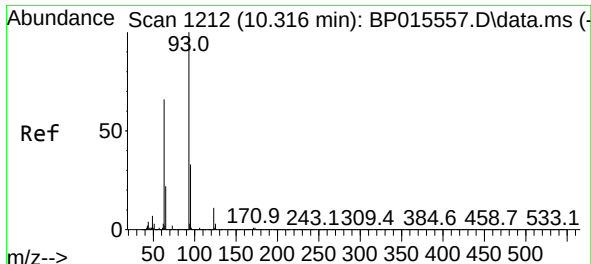
Tgt Ion:139 Resp: 190605
Ion Ratio Lower Upper
139 100
65 61.3 46.9 70.3
109 38.7 30.2 45.2



#26
2,4-Dimethylphenol
Concen: 2109.942 ng/ul
RT: 10.081 min Scan# 1172
Delta R.T. 0.006 min
Lab File: BP015565.D
Acq: 15 Jun 2023 20:24

Tgt Ion:107 Resp: 371550
Ion Ratio Lower Upper
107 100
121 46.4 39.0 58.6
122 79.3 64.8 97.2



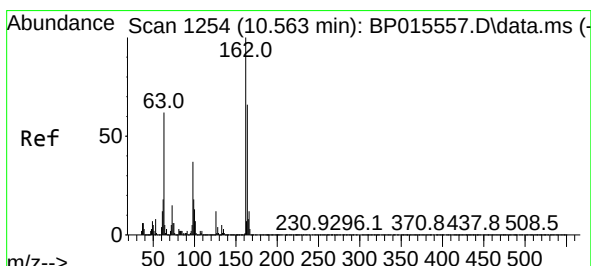
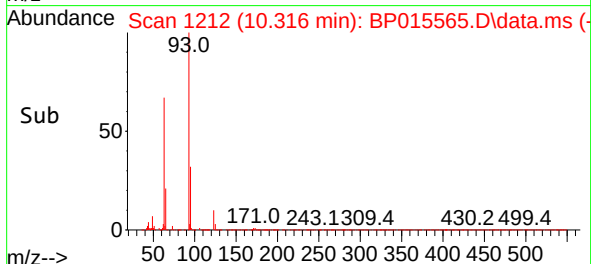
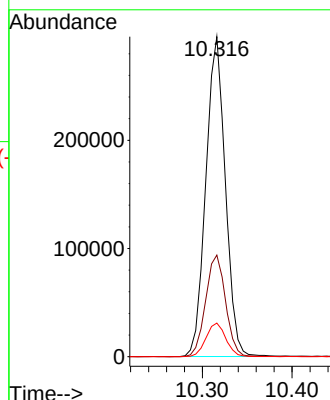
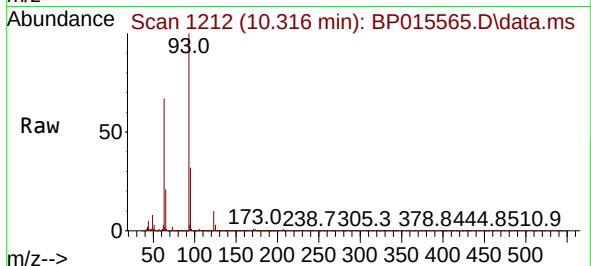


#27
 Bis(2-Chloroethoxy)methane
 Concen: 2145.927 ng/ul
 RT: 10.316 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: BP015565.D
 Acq: 15 Jun 2023 20:24

Instrument :
 BNA_P
 ClientSampleId :
 SLCS338

Tgt Ion: 93 Resp: 446045

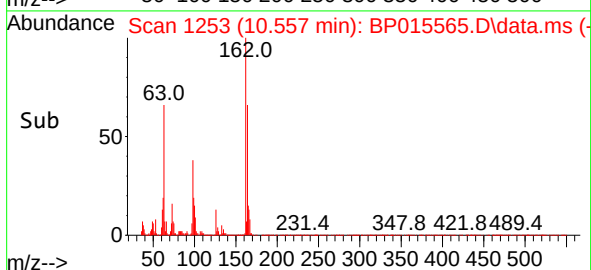
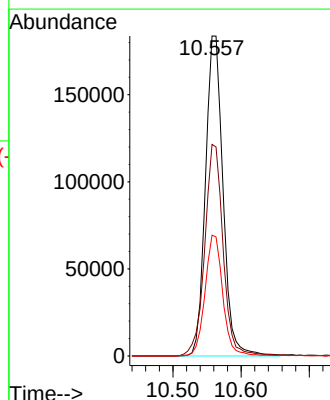
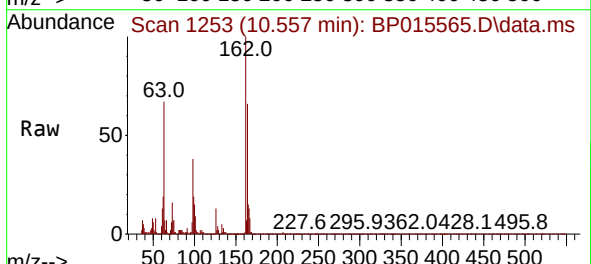
Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.7	38.5
123	10.5	8.6	13.0

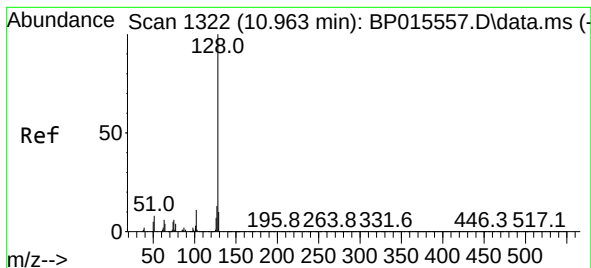


#29
 2,4-Dichlorophenol
 Concen: 2362.847 ng/ul
 RT: 10.557 min Scan# 1253
 Delta R.T. -0.000 min
 Lab File: BP015565.D
 Acq: 15 Jun 2023 20:24

Tgt Ion: 162 Resp: 329592

Ion	Ratio	Lower	Upper
162	100		
164	66.1	50.6	76.0
98	37.8	30.2	45.2

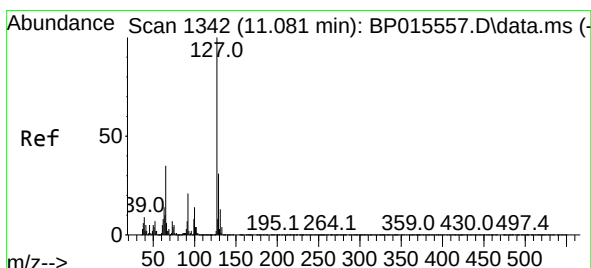
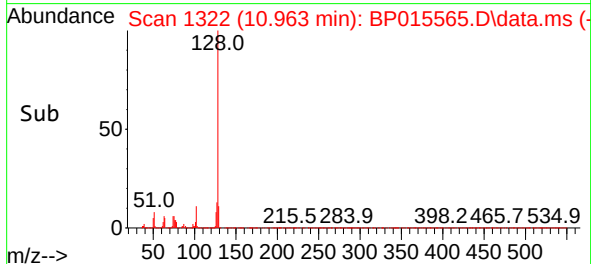
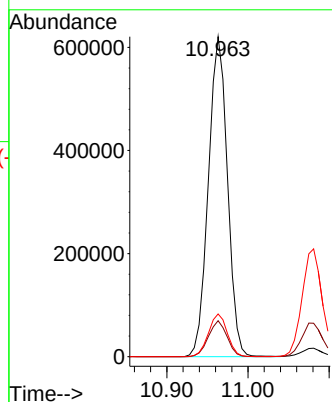
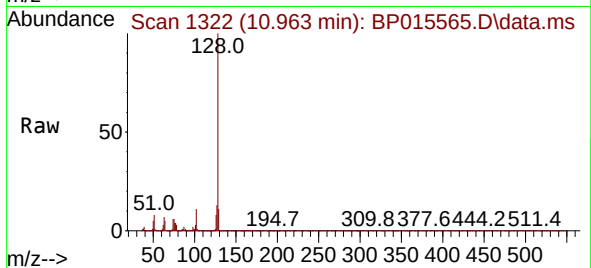




#30
Naphthalene
Concen: 2179.557 ng/ul
RT: 10.963 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BP015565.D
Acq: 15 Jun 2023 20:24

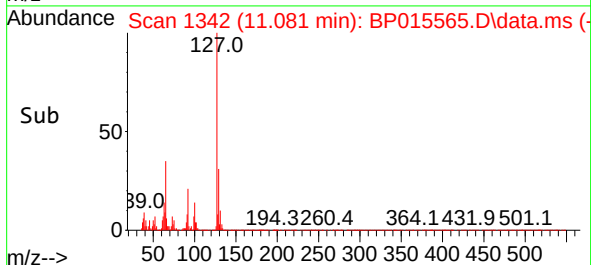
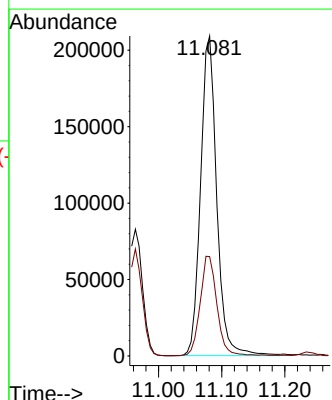
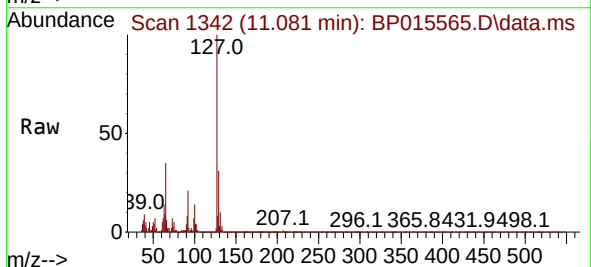
Instrument :
BNA_P
ClientSampleId :
SLCS338

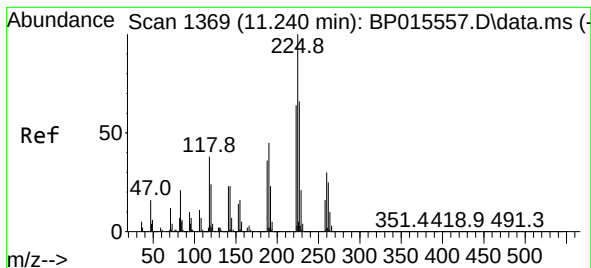
Tgt Ion:128 Resp: 1013122
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.4 10.5 15.7



#32
4-Chloroaniline
Concen: 1782.734 ng/ul
RT: 11.081 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BP015565.D
Acq: 15 Jun 2023 20:24

Tgt Ion:127 Resp: 371462
Ion Ratio Lower Upper
127 100
129 31.1 26.1 39.1





#33

Hexachlorobutadiene

Concen: 2269.945 ng/ul

RT: 11.240 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP015565.D

Acq: 15 Jun 2023 20:24

Instrument :

BNA_P

ClientSampleId :

SLCS338

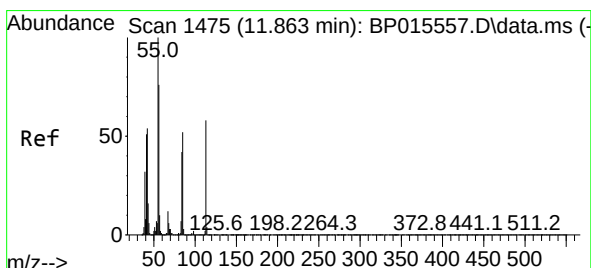
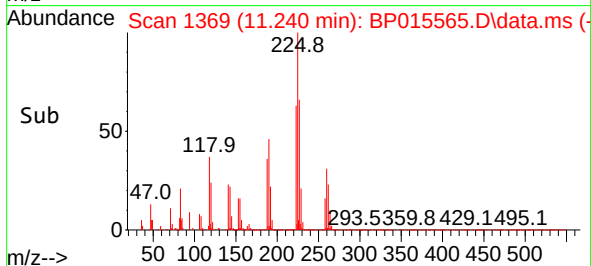
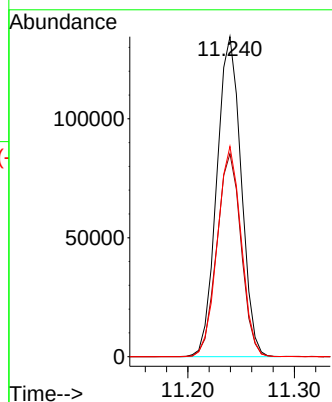
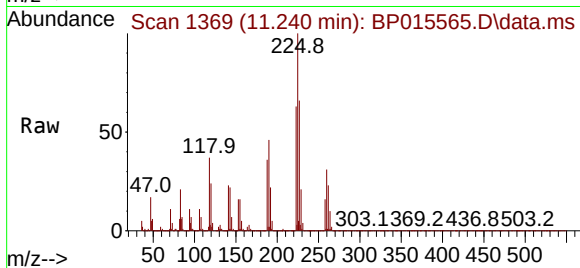
Tgt Ion:225 Resp: 213537

Ion Ratio Lower Upper

225 100

223 63.4 52.0 78.0

227 65.7 50.6 75.8



#34

Caprolactam

Concen: 2232.629 ng/ul

RT: 11.869 min Scan# 1476

Delta R.T. 0.006 min

Lab File: BP015565.D

Acq: 15 Jun 2023 20:24

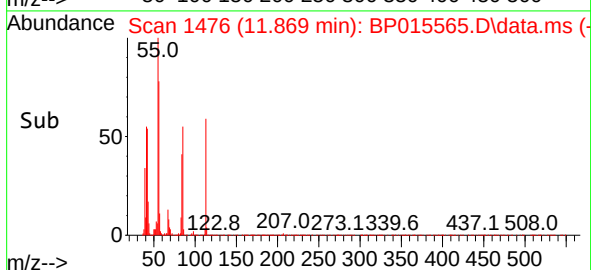
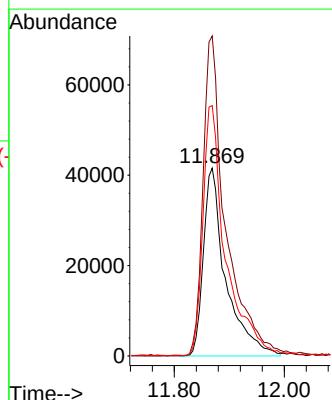
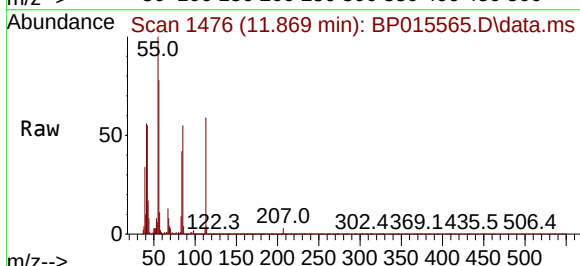
Tgt Ion:113 Resp: 117234

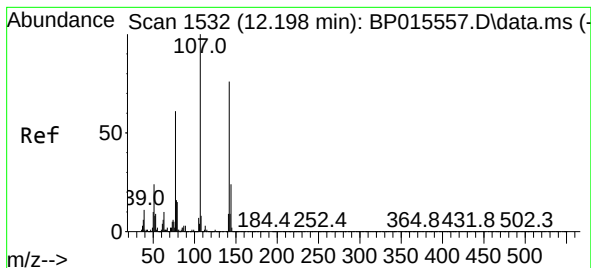
Ion Ratio Lower Upper

113 100

55 170.3 127.9 191.9

56 133.2 101.1 151.7

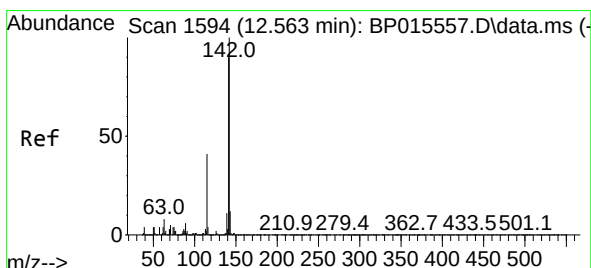
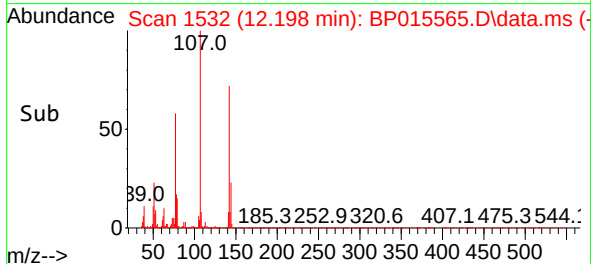
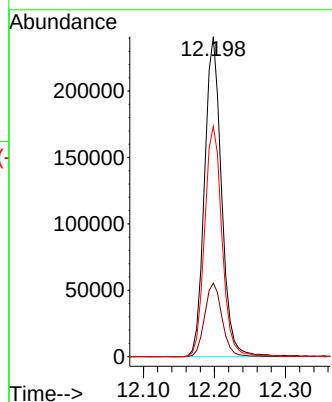
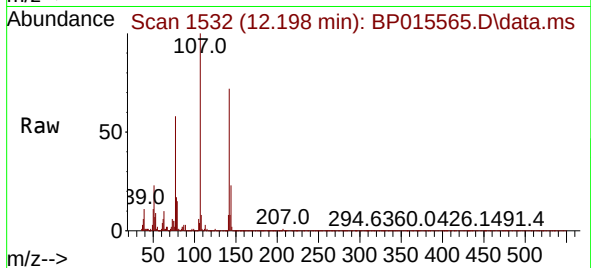




#35
4-Chloro-3-methylphenol
Concen: 2375.198 ng/ul
RT: 12.198 min Scan# 1532
Delta R.T. 0.006 min
Lab File: BP015565.D
Acq: 15 Jun 2023 20:24

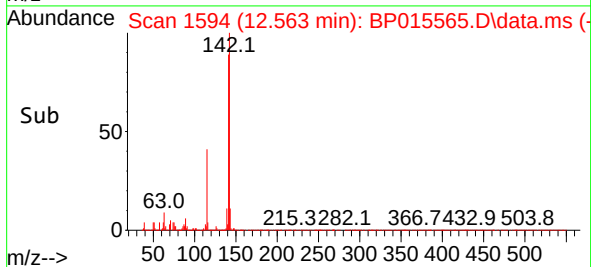
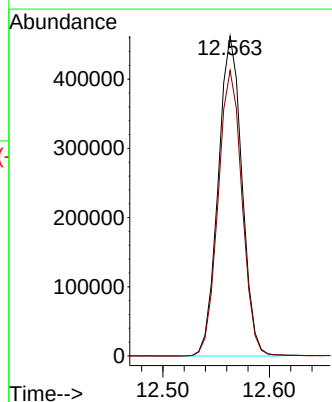
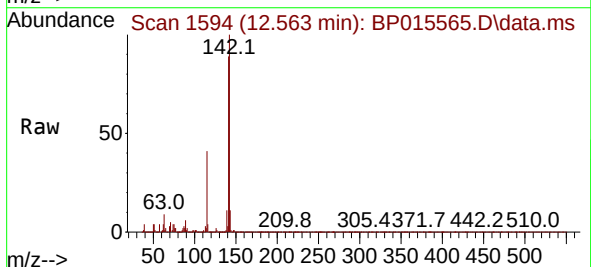
Instrument :
BNA_P
ClientSampleId :
SLCS338

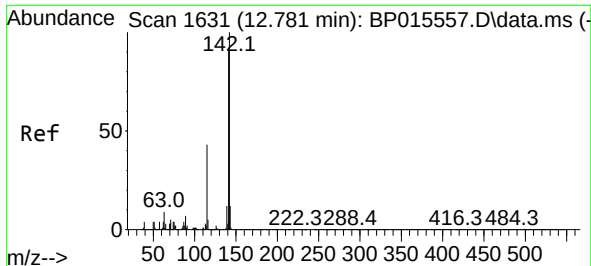
Tgt Ion:107 Resp: 401427
Ion Ratio Lower Upper
107 100
144 23.0 19.4 29.0
142 72.0 60.4 90.6



#36
2-Methylnaphthalene
Concen: 2184.829 ng/ul
RT: 12.563 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BP015565.D
Acq: 15 Jun 2023 20:24

Tgt Ion:142 Resp: 713947
Ion Ratio Lower Upper
142 100
141 89.2 72.0 108.0

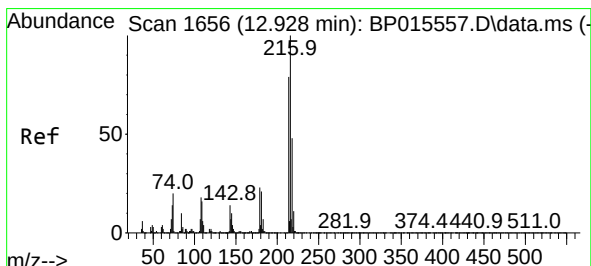
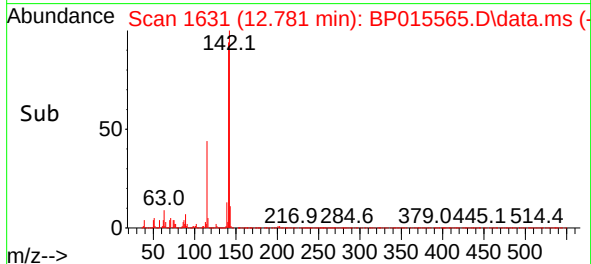
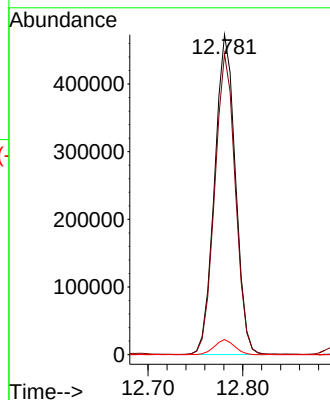
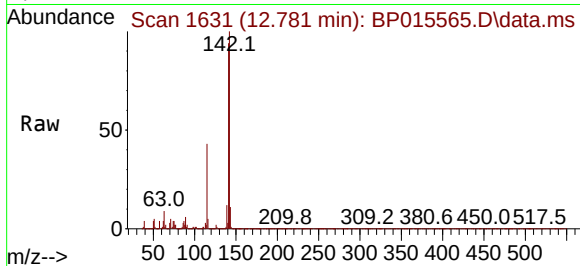




#37
1-Methylnaphthalene
Concen: 2190.806 ng/ul
RT: 12.781 min Scan# 1631
Delta R.T. -0.000 min
Lab File: BP015565.D
Acq: 15 Jun 2023 20:24

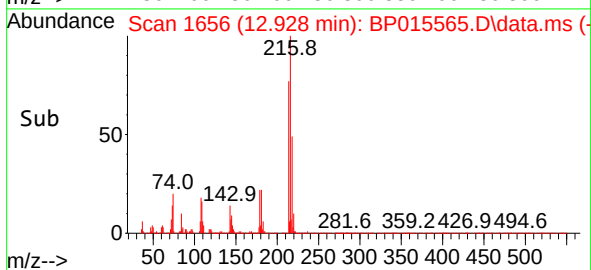
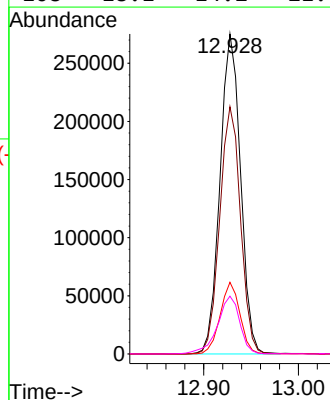
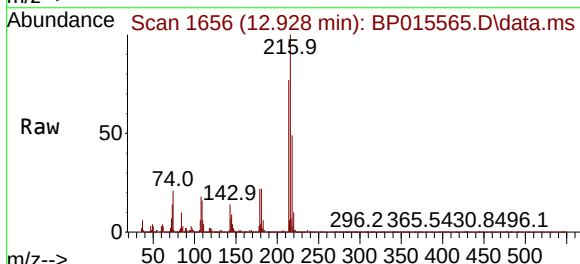
Instrument :
BNA_P
ClientSampleId :
SLCS338

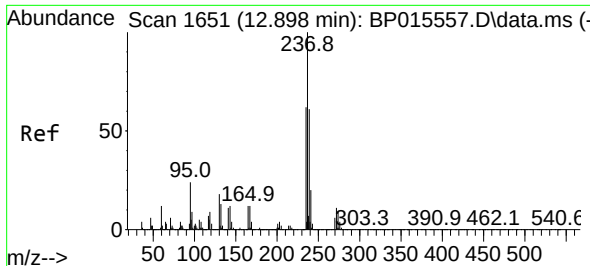
Tgt Ion:142 Resp: 720801
Ion Ratio Lower Upper
142 100
141 94.0 71.9 107.9
116 4.8 3.4 5.2



#39
1,2,4,5-Tetrachlorobenzene
Concen: 2139.554 ng/ul
RT: 12.928 min Scan# 1656
Delta R.T. -0.000 min
Lab File: BP015565.D
Acq: 15 Jun 2023 20:24

Tgt Ion:216 Resp: 415336
Ion Ratio Lower Upper
216 100
214 77.3 62.2 93.2
179 22.4 17.4 26.2
108 18.1 14.2 21.4

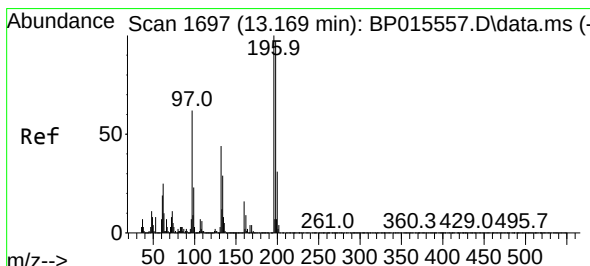
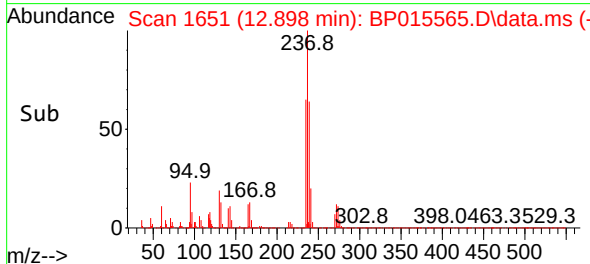
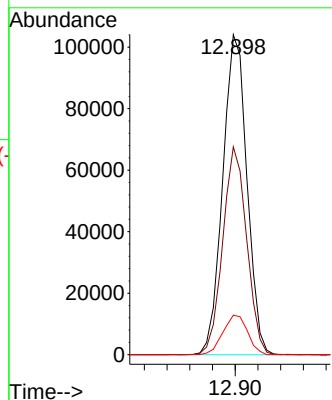
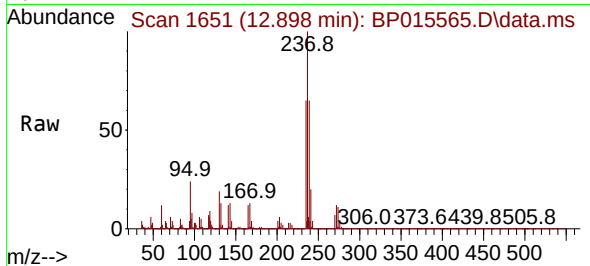




#40
Hexachlorocyclopentadiene
Concen: 1934.962 ng/ul
RT: 12.898 min Scan# 1651
Delta R.T. -0.000 min
Lab File: BP015565.D
Acq: 15 Jun 2023 20:24

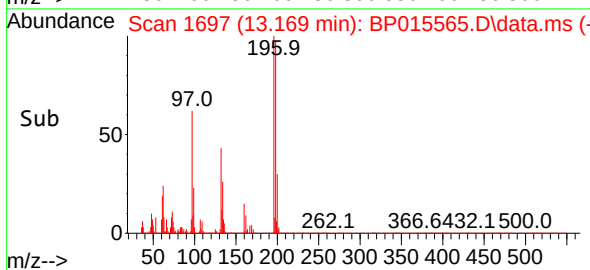
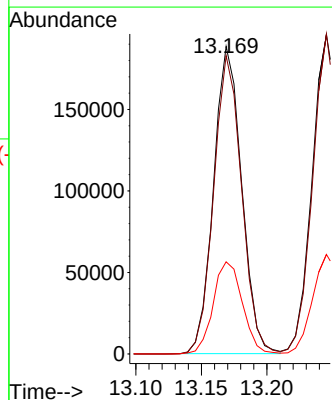
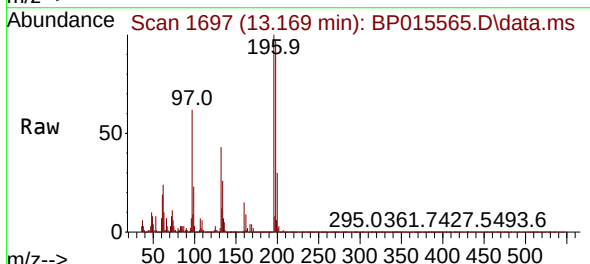
Instrument :
BNA_P
ClientSampleId :
SLCS338

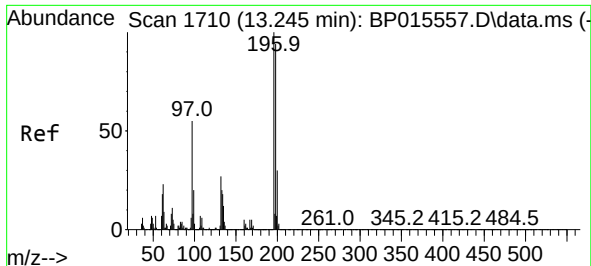
Tgt Ion:237 Resp: 153969
Ion Ratio Lower Upper
237 100
235 64.9 48.2 72.2
272 12.3 10.3 15.5



#41
2,4,6-Trichlorophenol
Concen: 2172.131 ng/ul
RT: 13.169 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BP015565.D
Acq: 15 Jun 2023 20:24

Tgt Ion:196 Resp: 280642
Ion Ratio Lower Upper
196 100
198 97.0 77.8 116.6
200 30.0 25.8 38.6

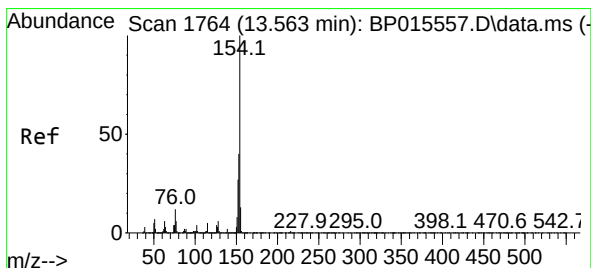
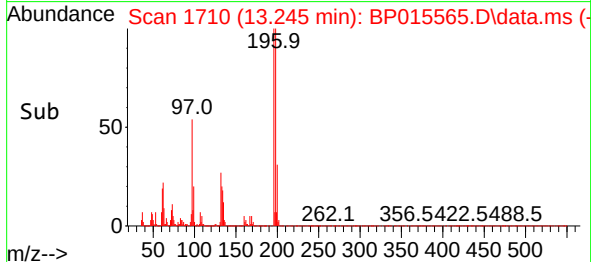
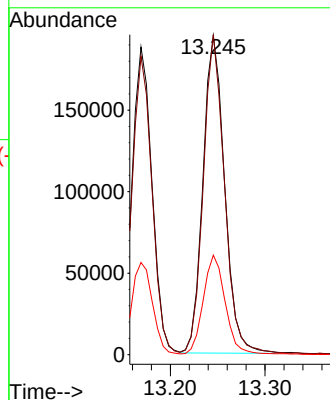
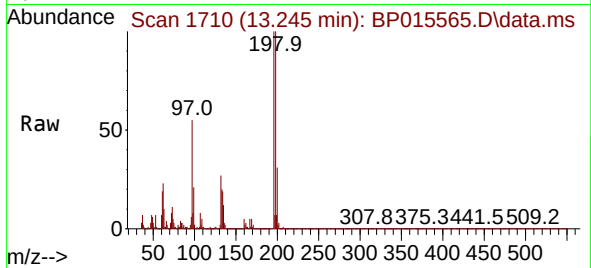




#42
2,4,5-Trichlorophenol
Concen: 2195.971 ng/ul
RT: 13.245 min Scan# 1710
Delta R.T. -0.000 min
Lab File: BP015565.D
Acq: 15 Jun 2023 20:24

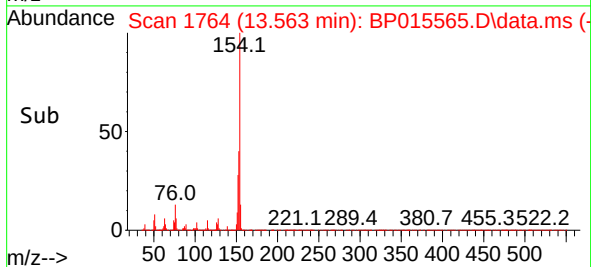
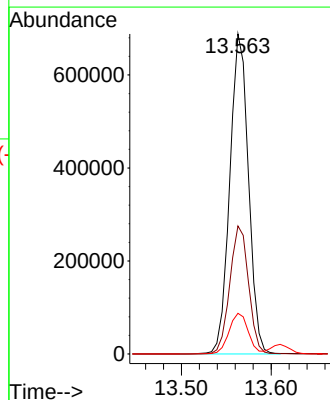
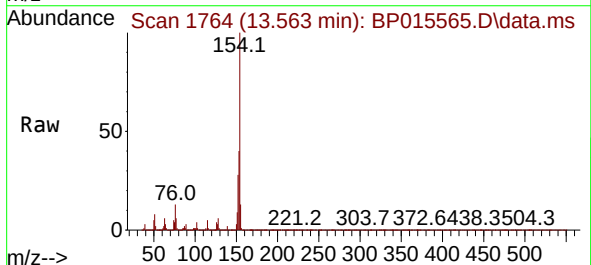
Instrument :
BNA_P
ClientSampleId :
SLCS338

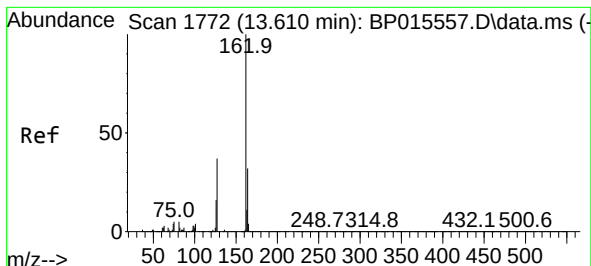
Tgt Ion:196 Resp: 309176
Ion Ratio Lower Upper
196 100
198 100.3 75.5 113.3
200 31.2 24.7 37.1



#43
1,1'-Biphenyl
Concen: 2058.714 ng/ul
RT: 13.563 min Scan# 1764
Delta R.T. -0.000 min
Lab File: BP015565.D
Acq: 15 Jun 2023 20:24

Tgt Ion:154 Resp: 992501
Ion Ratio Lower Upper
154 100
153 40.0 32.2 48.2
76 12.7 10.4 15.6

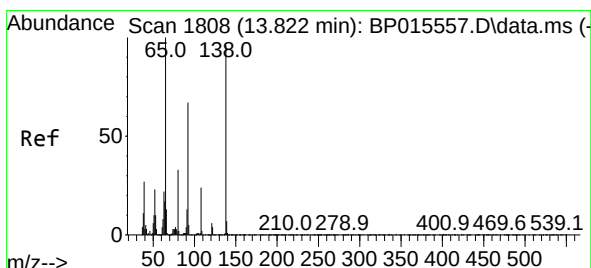
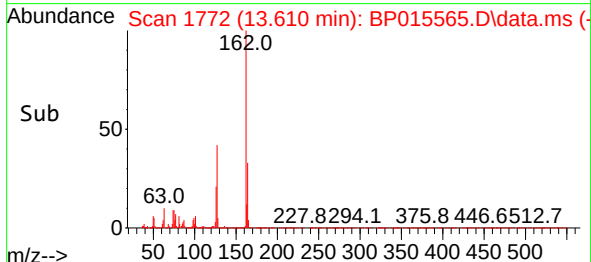
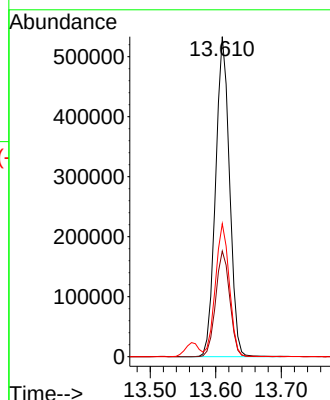
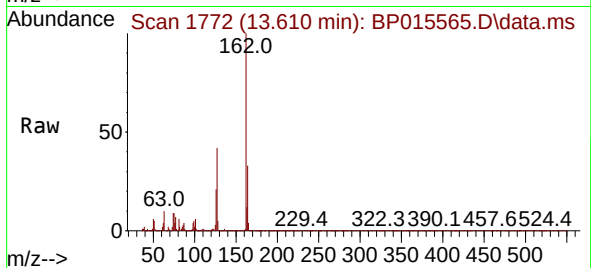




#44
2-Chloronaphthalene
Concen: 2080.053 ng/u1
RT: 13.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP015565.D
Acq: 15 Jun 2023 20:24

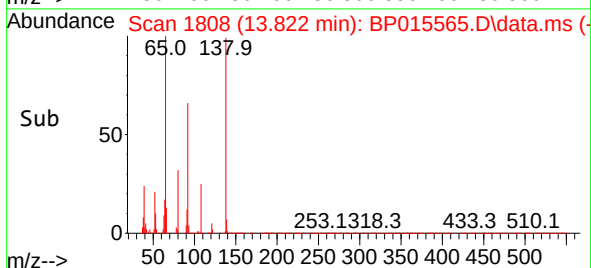
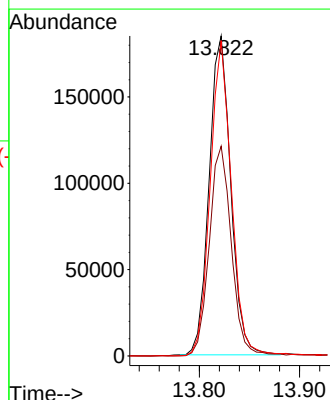
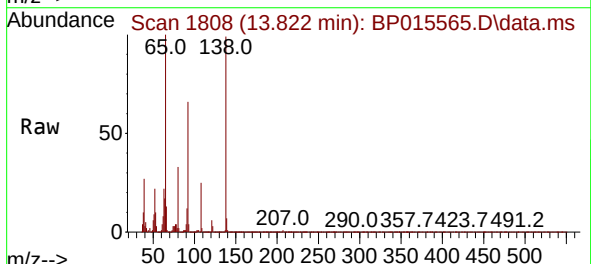
Instrument :
BNA_P
ClientSampleId :
SLCS338

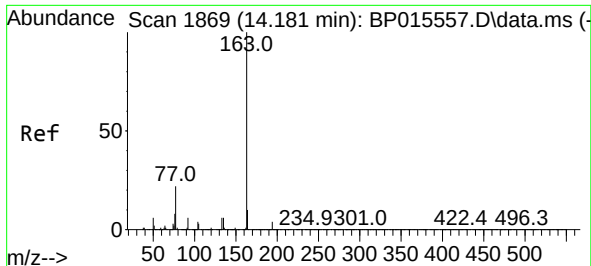
Tgt Ion:162 Resp: 786771
Ion Ratio Lower Upper
162 100
164 33.0 27.0 40.6
127 41.5 32.2 48.4



#45
2-Nitroaniline
Concen: 2288.670 ng/u1
RT: 13.822 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BP015565.D
Acq: 15 Jun 2023 20:24

Tgt Ion: 65 Resp: 277058
Ion Ratio Lower Upper
65 100
92 65.5 55.4 83.2
138 98.5 78.8 118.2

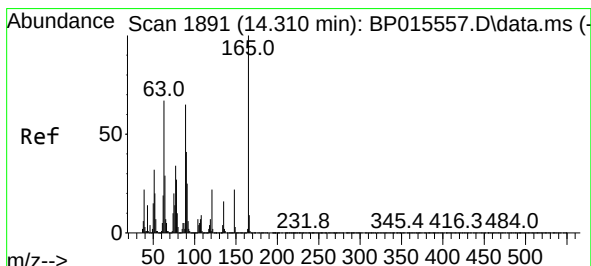
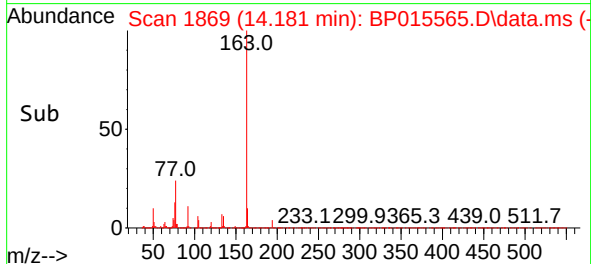
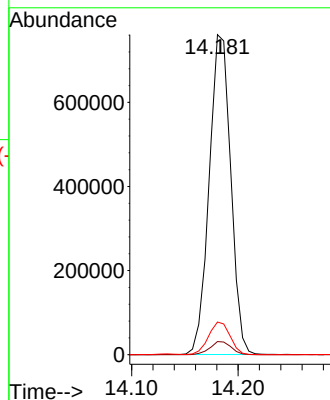
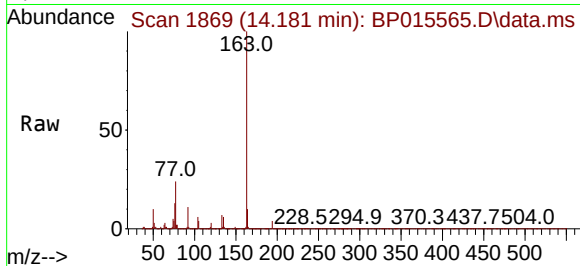




#47
Dimethylphthalate
Concen: 2104.261 ng/ul
RT: 14.181 min Scan# 1869
Delta R.T. -0.000 min
Lab File: BP015565.D
Acq: 15 Jun 2023 20:24

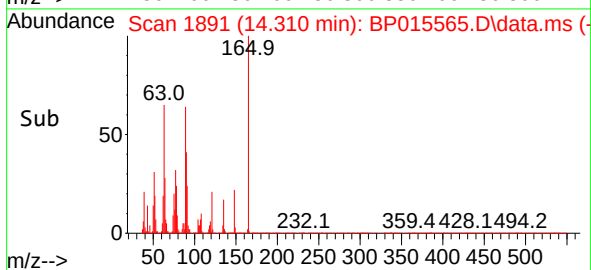
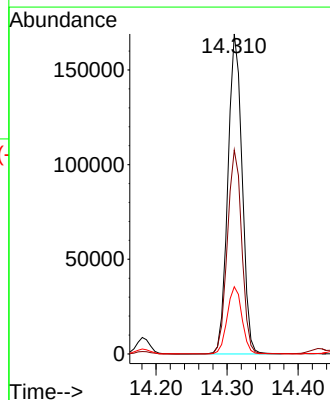
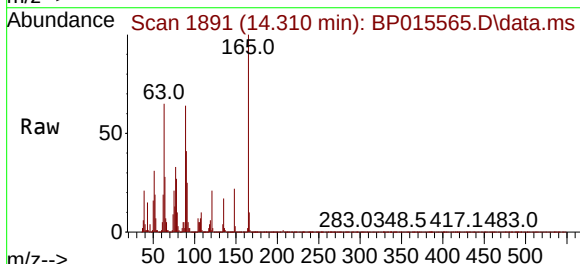
Instrument :
BNA_P
ClientSampleId :
SLCS338

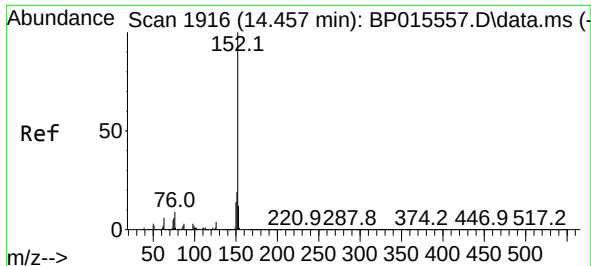
Tgt Ion:163 Resp: 1068043
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.2 8.2 12.2



#48
2,6-Dinitrotoluene
Concen: 2252.721 ng/ul
RT: 14.310 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BP015565.D
Acq: 15 Jun 2023 20:24

Tgt Ion:165 Resp: 234256
Ion Ratio Lower Upper
165 100
89 63.7 51.5 77.3
121 21.0 17.3 25.9

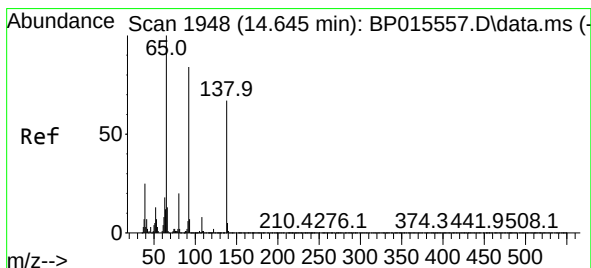
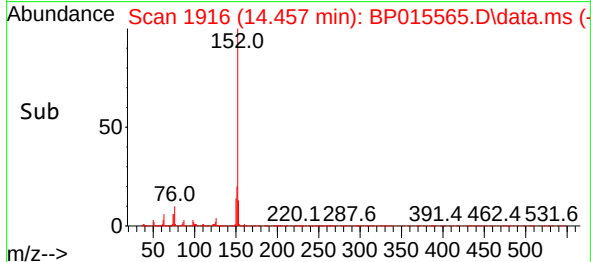
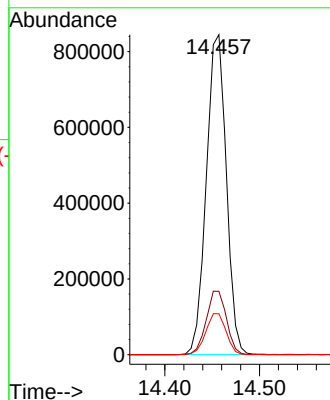
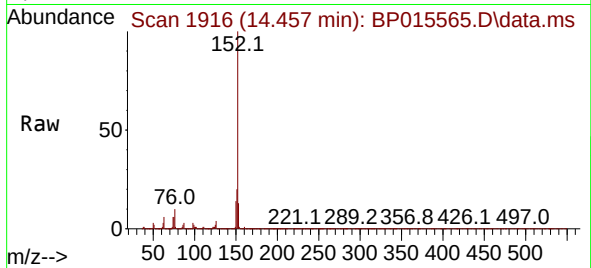




#50
Acenaphthylene
Concen: 2076.774 ng/ul
RT: 14.457 min Scan# 1916
Delta R.T. 0.006 min
Lab File: BP015565.D
Acq: 15 Jun 2023 20:24

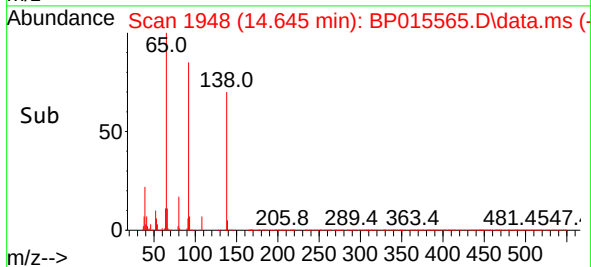
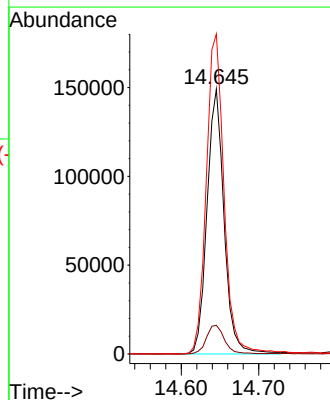
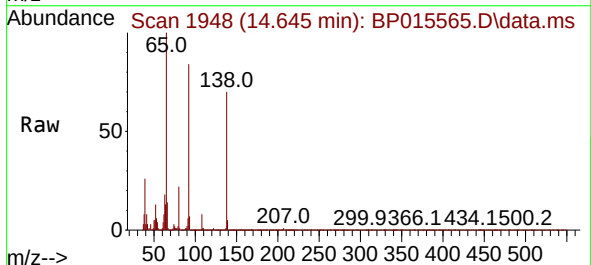
Instrument :
BNA_P
ClientSampleId :
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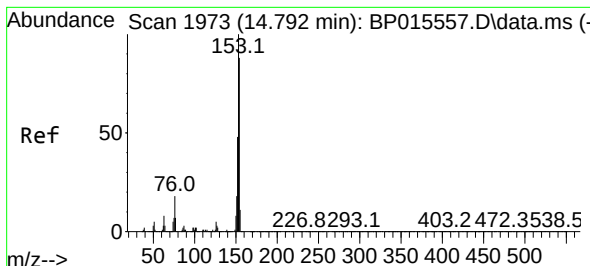
Tgt Ion:152 Resp: 1236234
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 12.8 10.6 15.8



#51
3-Nitroaniline
Concen: 2658.831 ng/ul
RT: 14.645 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BP015565.D
Acq: 15 Jun 2023 20:24

Tgt Ion:138 Resp: 228243
Ion Ratio Lower Upper
138 100
108 10.8 8.4 12.6
92 120.9 98.0 147.0





#52

Acenaphthene

Concen: 2092.749 ng/ul

RT: 14.792 min Scan# 1973

Delta R.T. -0.000 min

Lab File: BP015565.D

Acq: 15 Jun 2023 20:24

Instrument :

BNA_P

ClientSampleId :

SLCS338

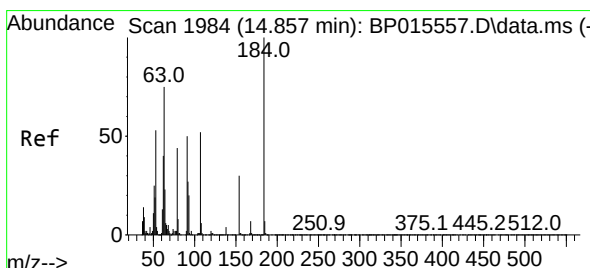
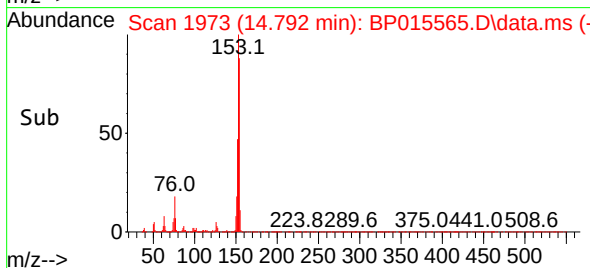
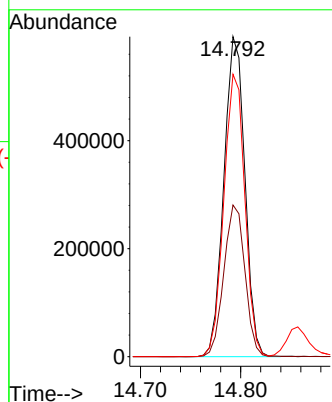
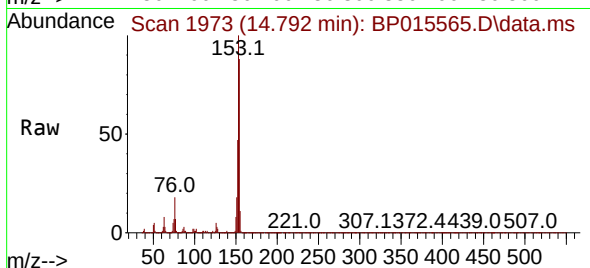
Tgt Ion:153 Resp: 861116

Ion Ratio Lower Upper

153 100

152 47.4 38.3 57.5

154 88.3 69.8 104.6



#53

2,4-Dinitrophenol

Concen: 1954.610 ng/ul

RT: 14.857 min Scan# 1984

Delta R.T. -0.000 min

Lab File: BP015565.D

Acq: 15 Jun 2023 20:24

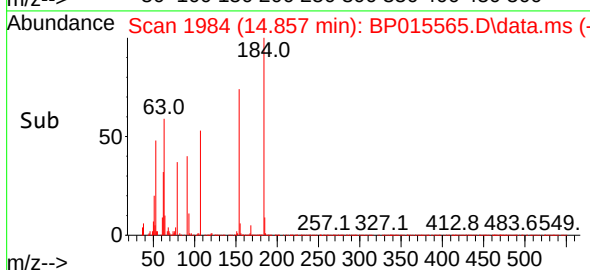
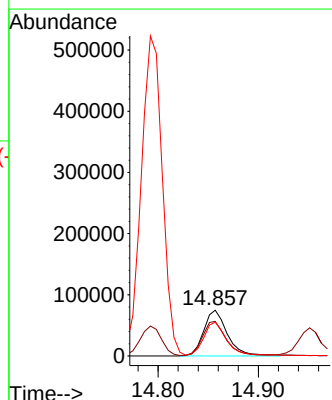
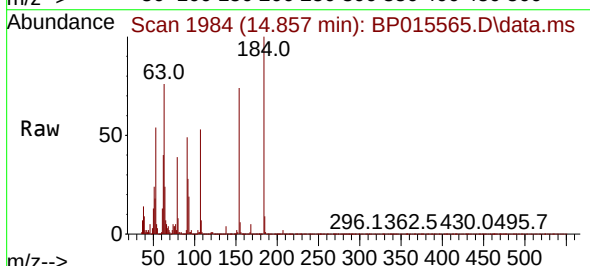
Tgt Ion:184 Resp: 122268

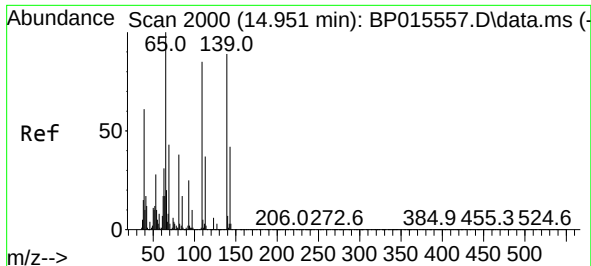
Ion Ratio Lower Upper

184 100

63 75.6 59.0 88.4

154 73.8 57.6 86.4

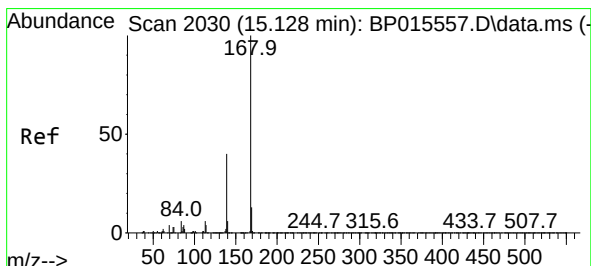
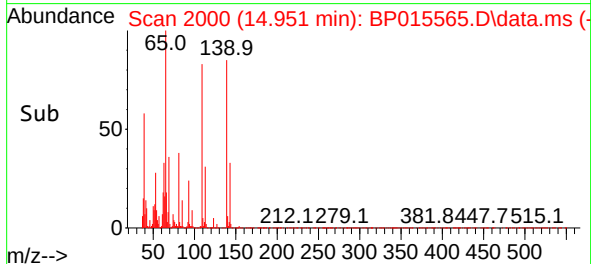
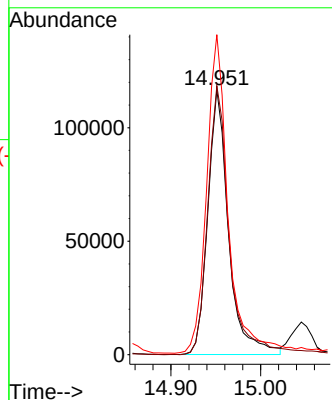
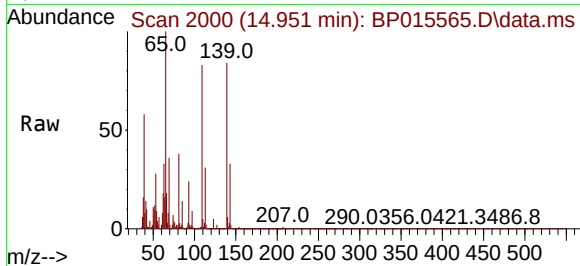




#55
4-Nitrophenol
Concen: 2209.158 ng/ul
RT: 14.951 min Scan# 2000
Delta R.T. 0.006 min
Lab File: BP015565.D
Acq: 15 Jun 2023 20:24

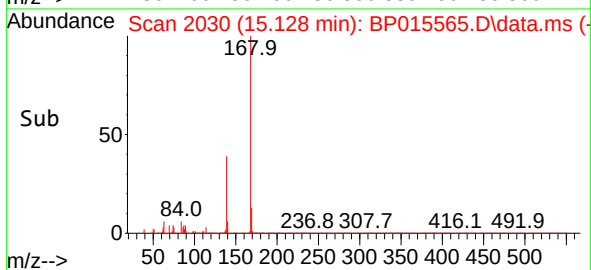
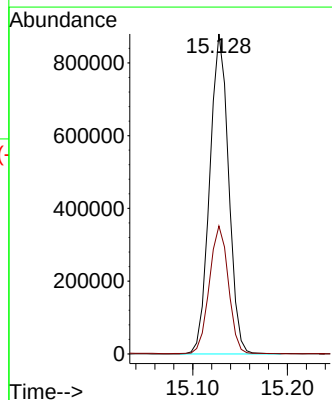
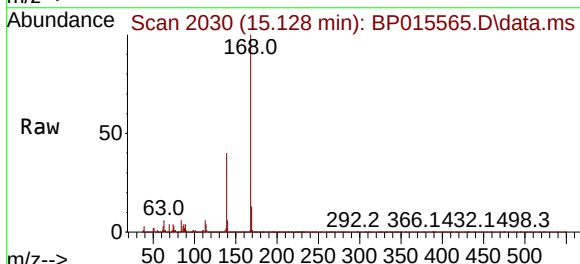
Instrument :
BNA_P
ClientSampleId :
SLCS338

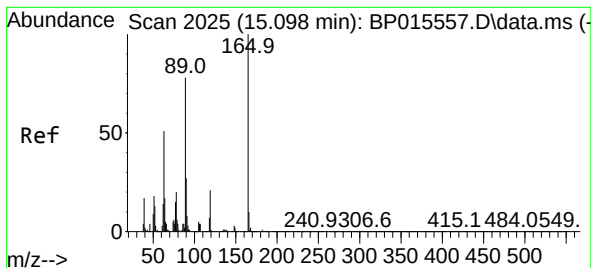
Tgt Ion:109 Resp: 187588
Ion Ratio Lower Upper
109 100
139 101.6 89.1 133.7
65 120.9 103.1 154.7



#56
Dibenzofuran
Concen: 2088.415 ng/ul
RT: 15.128 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BP015565.D
Acq: 15 Jun 2023 20:24

Tgt Ion:168 Resp: 1217957
Ion Ratio Lower Upper
168 100
139 40.0 31.2 46.8

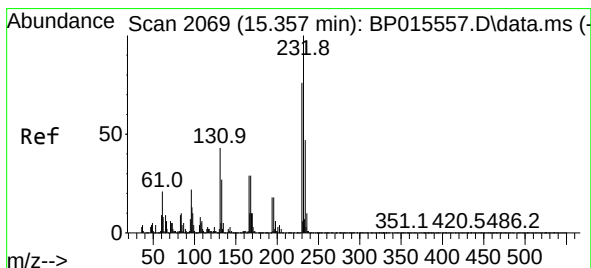
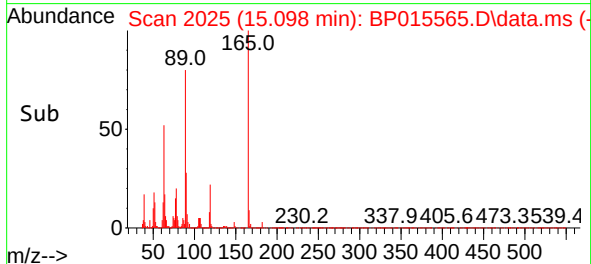
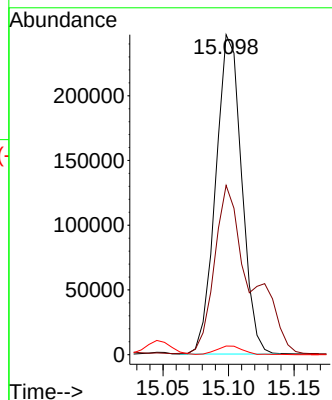
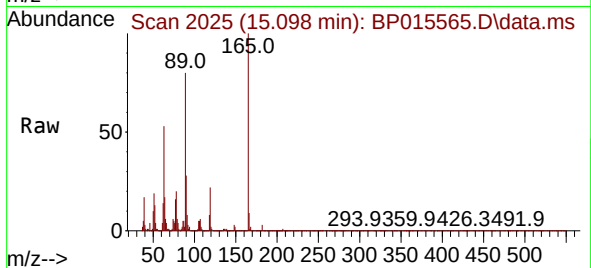




#57
2,4-Dinitrotoluene
Concen: 2220.216 ng/ul
RT: 15.098 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BP015565.D
Acq: 15 Jun 2023 20:24

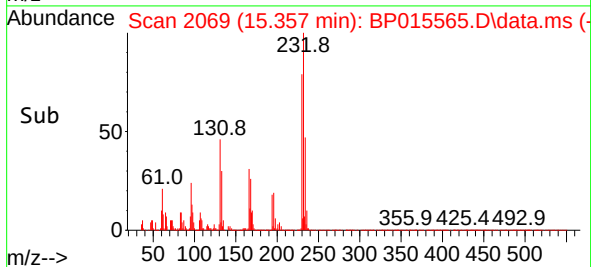
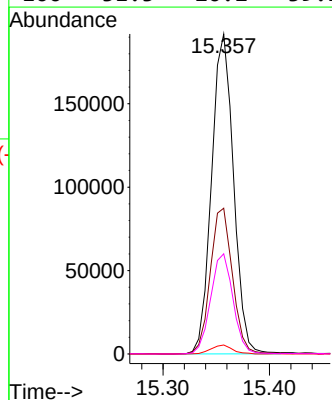
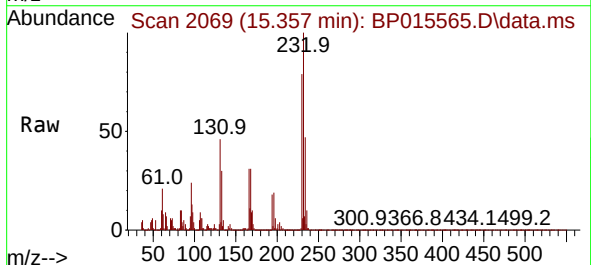
Instrument :
BNA_P
ClientSampleId :
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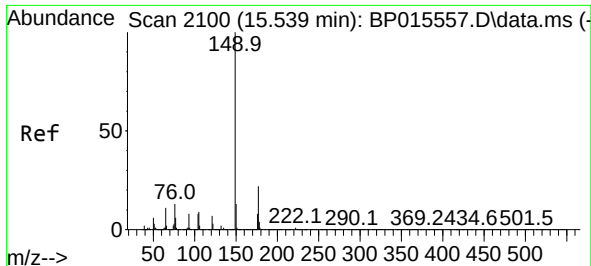
Tgt Ion:165 Resp: 339570
Ion Ratio Lower Upper
165 100
63 52.9 39.1 58.7
182 2.7 2.2 3.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 2161.877 ng/ul
RT: 15.357 min Scan# 2069
Delta R.T. -0.000 min
Lab File: BP015565.D
Acq: 15 Jun 2023 20:24

Tgt Ion:232 Resp: 274823
Ion Ratio Lower Upper
232 100
131 45.5 37.8 56.8
130 2.8 1.9 2.9
166 31.3 26.2 39.2

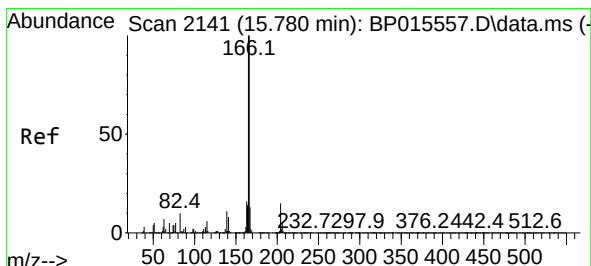
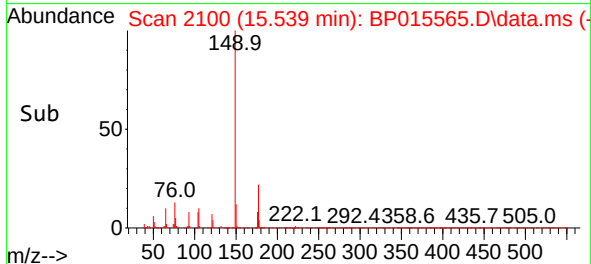
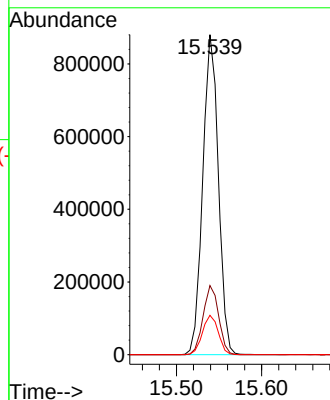
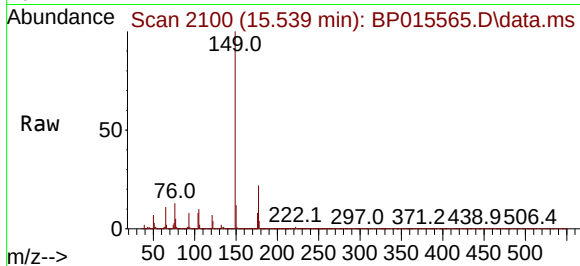




#59
Diethylphthalate
Concen: 2150.385 ng/ul
RT: 15.539 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BP015565.D
Acq: 15 Jun 2023 20:24

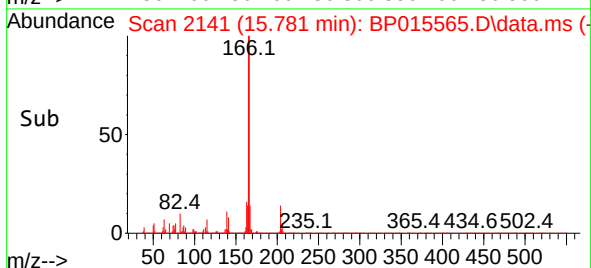
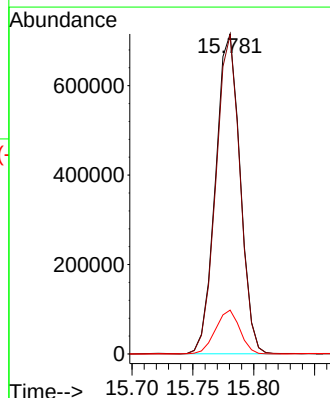
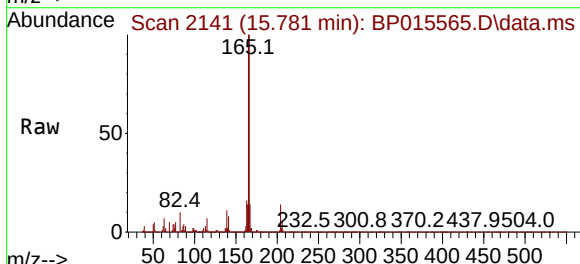
Instrument :
BNA_P
ClientSampleId :
SLCS338

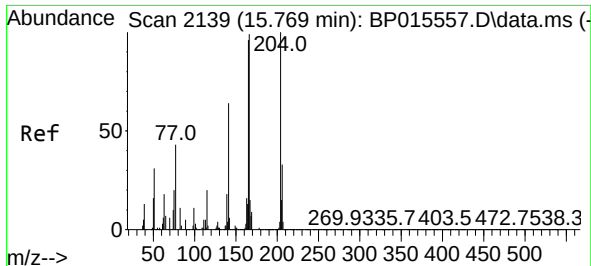
Tgt Ion:149 Resp: 1118616
Ion Ratio Lower Upper
149 100
177 21.6 17.8 26.8
150 12.3 10.1 15.1



#61
Fluorene
Concen: 2111.045 ng/ul
RT: 15.781 min Scan# 2141
Delta R.T. -0.000 min
Lab File: BP015565.D
Acq: 15 Jun 2023 20:24

Tgt Ion:166 Resp: 1003626
Ion Ratio Lower Upper
166 100
165 99.7 79.1 118.7
167 13.7 10.6 16.0

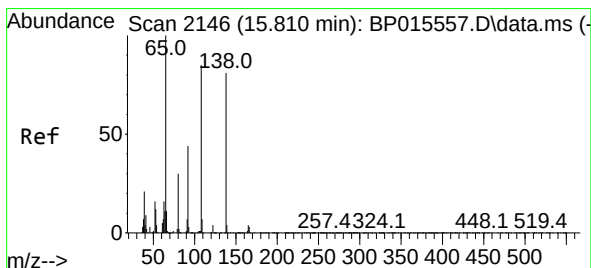
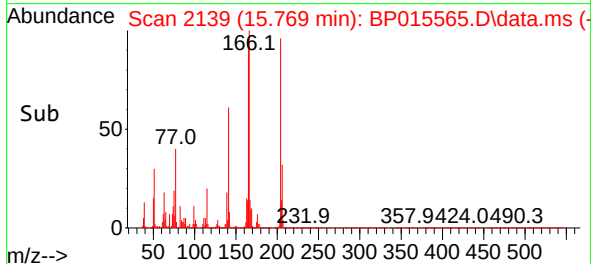
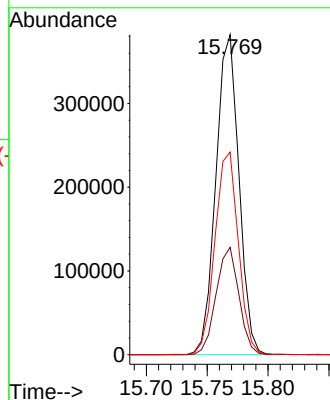
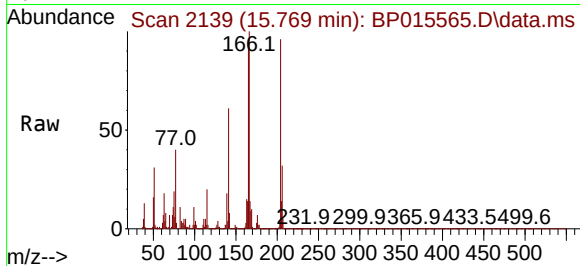




#62
4-Chlorophenyl-phenylether
Concen: 2101.182 ng/ul
RT: 15.769 min Scan# 2139
Delta R.T. -0.000 min
Lab File: BP015565.D
Acq: 15 Jun 2023 20:24

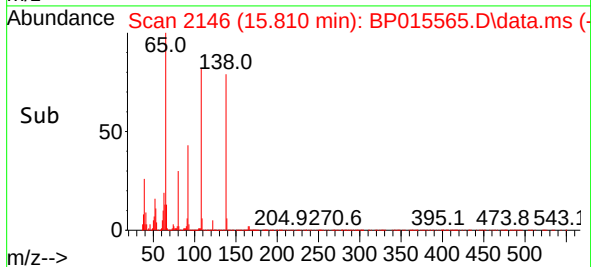
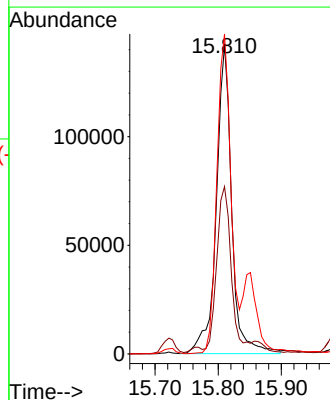
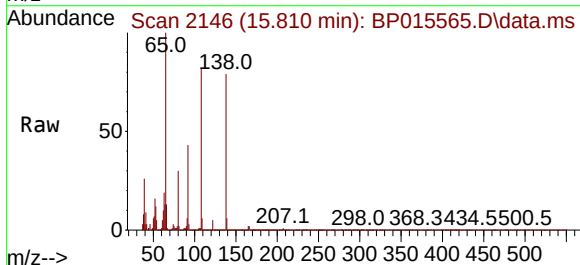
Instrument :
BNA_P
ClientSampleId :
SLCS338

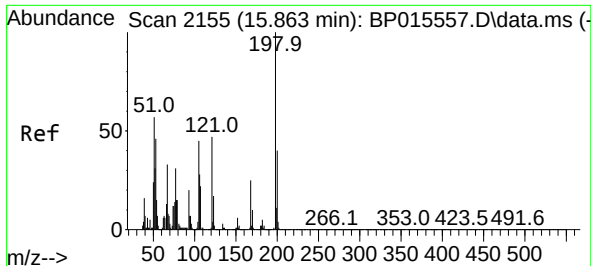
Tgt Ion:204 Resp: 503454
Ion Ratio Lower Upper
204 100
206 33.6 26.6 40.0
141 63.3 49.8 74.8



#63
4-Nitroaniline
Concen: 2955.047 ng/ul
RT: 15.810 min Scan# 2146
Delta R.T. 0.006 min
Lab File: BP015565.D
Acq: 15 Jun 2023 20:24

Tgt Ion:138 Resp: 240616
Ion Ratio Lower Upper
138 100
92 54.2 44.6 67.0
108 103.6 78.4 117.6

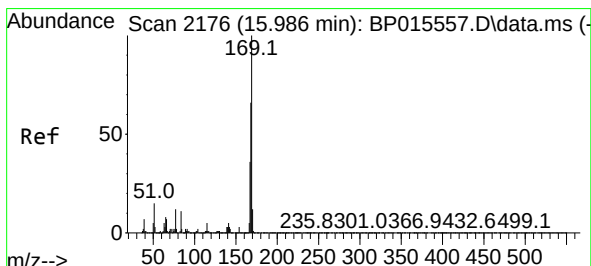
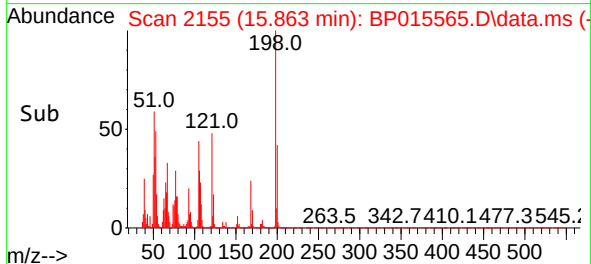
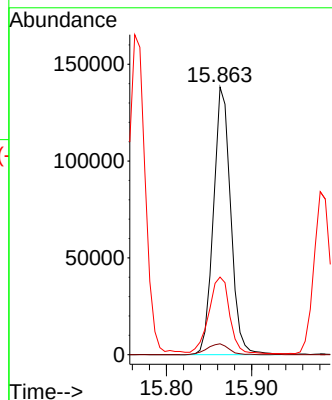
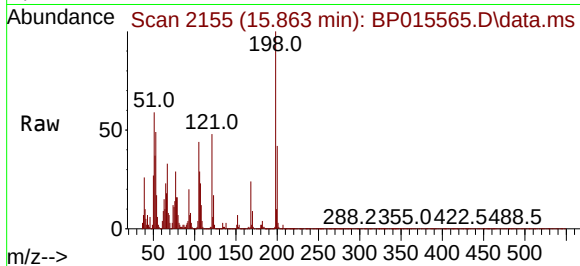




#66
 4,6-Dinitro-2-methylphenol
 Concen: 20.251 ng/ul
 RT: 15.863 min Scan# 2155
 Delta R.T. -0.000 min
 Lab File: BP015565.D
 Acq: 15 Jun 2023 20:24

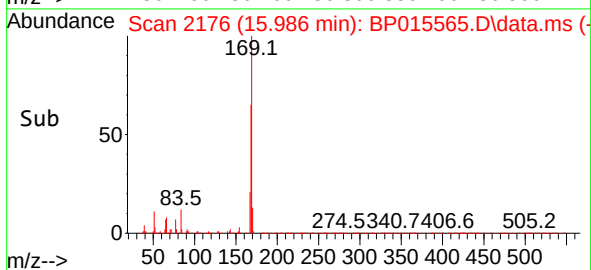
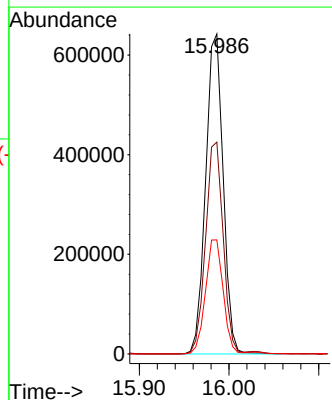
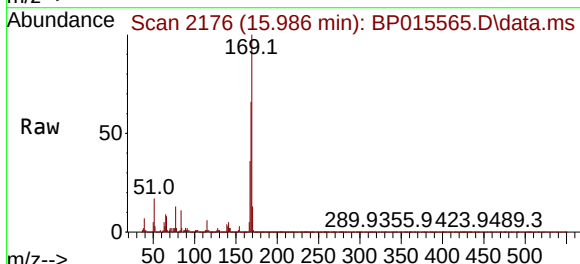
Instrument :
 BNA_P
 ClientSampleId :
 SLCS338

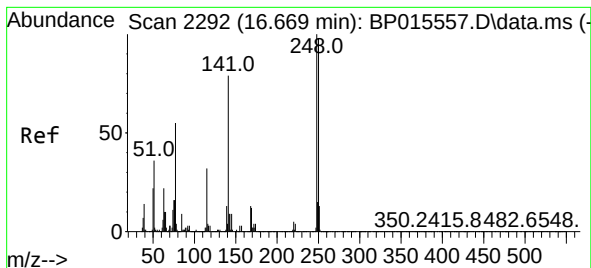
Tgt Ion:198 Resp: 195228
 Ion Ratio Lower Upper
 198 100
 182 4.0 3.0 4.4
 77 29.0 20.5 30.7



#67
 N-Nitrosodiphenylamine
 Concen: 20.560 ng/ul
 RT: 15.986 min Scan# 2176
 Delta R.T. 0.006 min
 Lab File: BP015565.D
 Acq: 15 Jun 2023 20:24

Tgt Ion:169 Resp: 870304
 Ion Ratio Lower Upper
 169 100
 168 66.2 53.0 79.4
 167 35.6 28.9 43.3

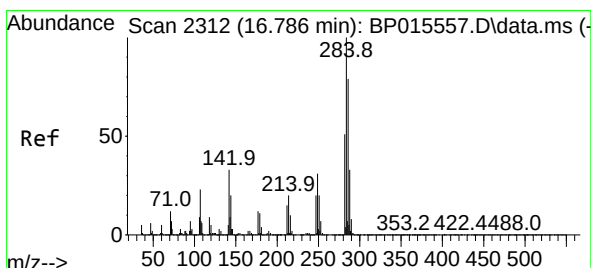
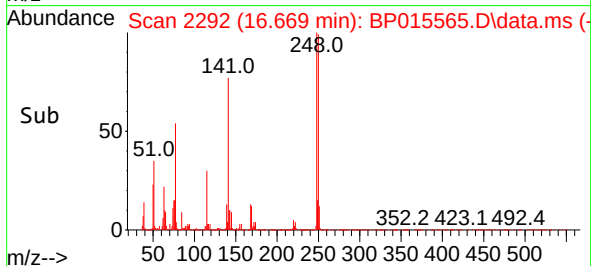
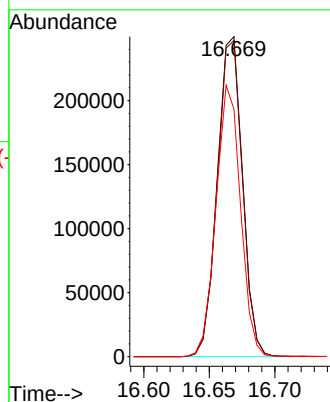
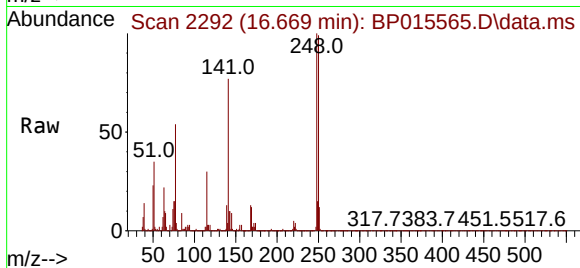




#68
4-Bromophenyl-phenylether
Concen: 20.990 ng/ul
RT: 16.669 min Scan# 211
Delta R.T. 0.006 min
Lab File: BP015565.D
Acq: 15 Jun 2023 20:24

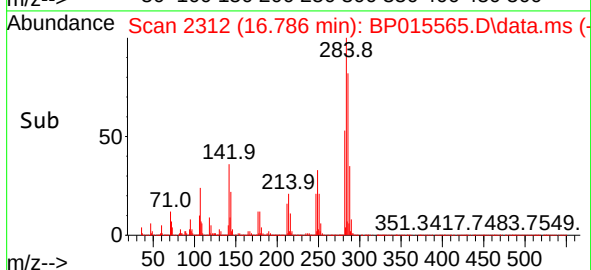
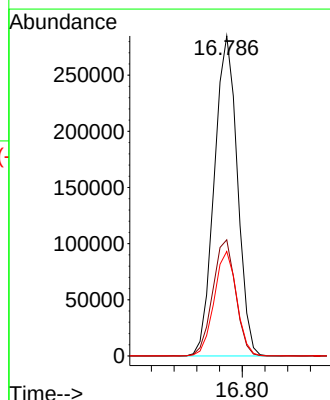
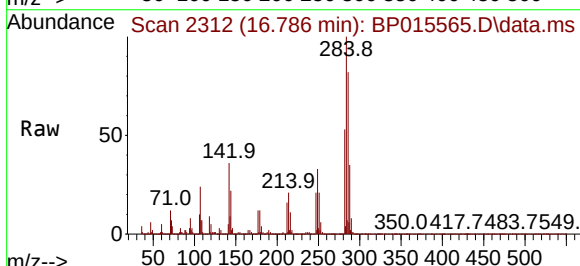
Instrument :
BNA_P
ClientSampleId :
SLCS338

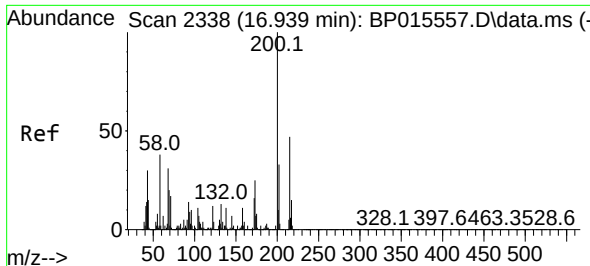
Tgt Ion:248 Resp: 335055
Ion Ratio Lower Upper
248 100
250 98.8 78.3 117.5
141 77.4 61.1 91.7



#69
Hexachlorobenzene
Concen: 21.345 ng/ul
RT: 16.786 min Scan# 2312
Delta R.T. -0.000 min
Lab File: BP015565.D
Acq: 15 Jun 2023 20:24

Tgt Ion:284 Resp: 401908
Ion Ratio Lower Upper
284 100
142 36.3 25.4 38.2
249 32.6 24.8 37.2

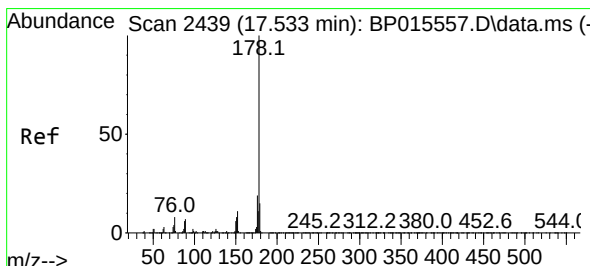
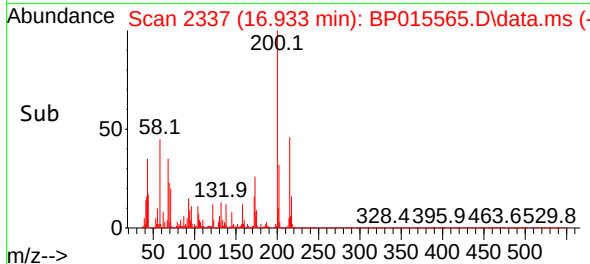
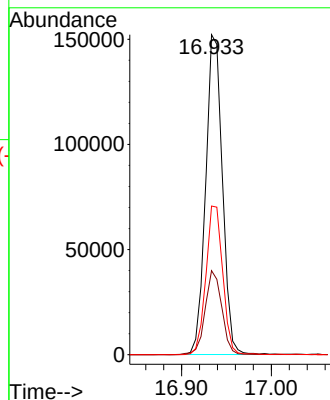
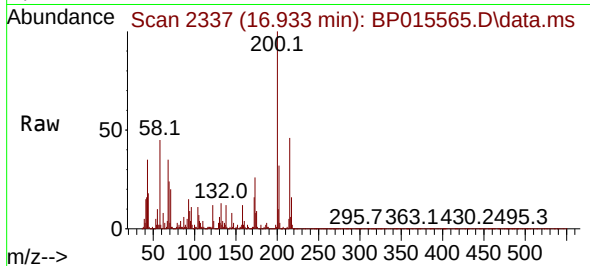




#70
Atrazine
Concen: 11.645 ng/ul
RT: 16.933 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP015565.D
Acq: 15 Jun 2023 20:24

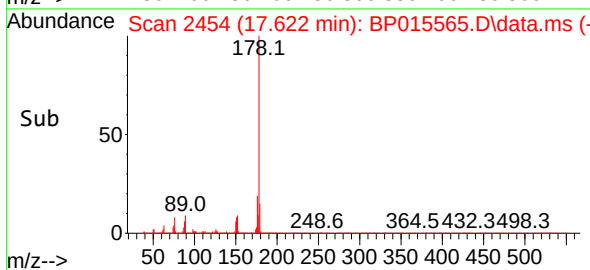
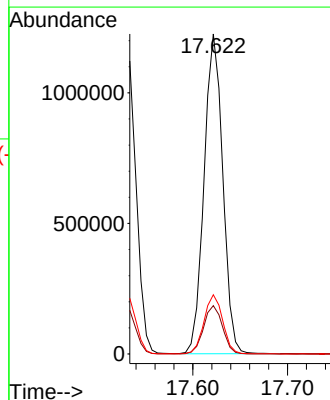
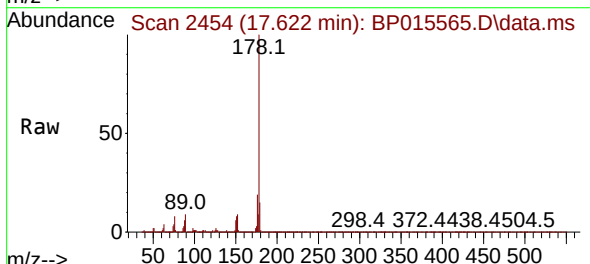
Instrument :
BNA_P
ClientSampleId :
SLCS338

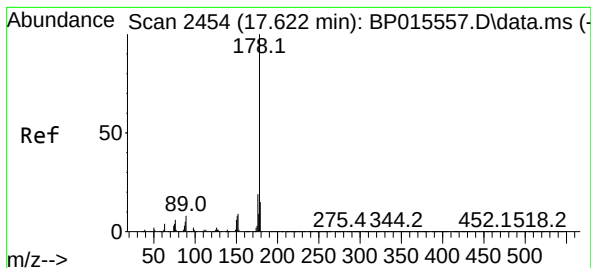
Tgt Ion:200 Resp: 196845
Ion Ratio Lower Upper
200 100
173 26.3 19.8 29.6
215 46.5 37.4 56.0



#72
Phenanthrene
Concen: 21.003 ng/ul
RT: 17.622 min Scan# 2454
Delta R.T. 0.094 min
Lab File: BP015565.D
Acq: 15 Jun 2023 20:24

Tgt Ion:178 Resp: 1681714
Ion Ratio Lower Upper
178 100
179 15.1 12.3 18.5
176 18.5 15.4 23.0





#74

Anthracene

Concen: 20.679 ng/uI

RT: 17.622 min Scan# 2454

Delta R.T. -0.000 min

Lab File: BP015565.D

Acq: 15 Jun 2023 20:24

Instrument :

BNA_P

ClientSampleId :

SLCS338

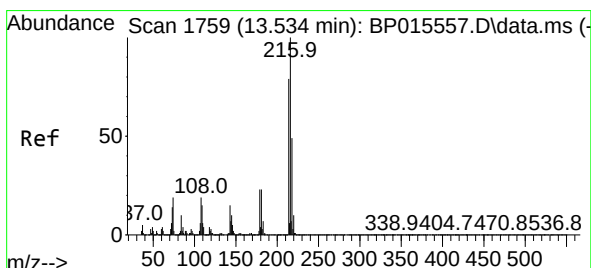
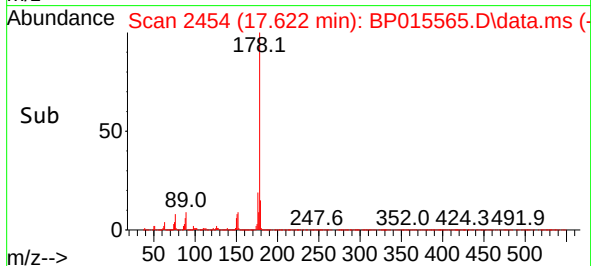
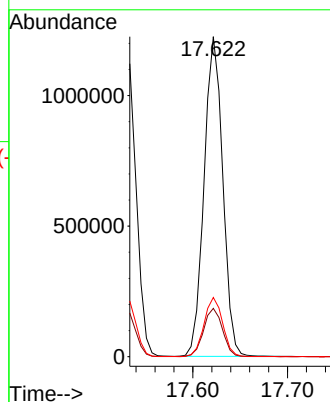
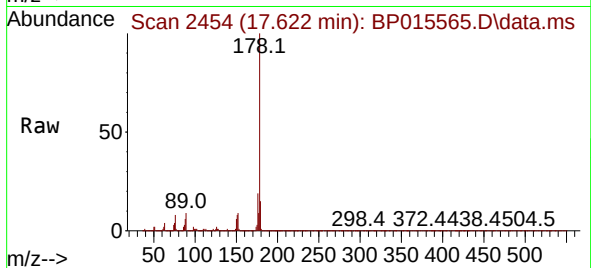
Tgt Ion:178 Resp: 1679992

Ion Ratio Lower Upper

178 100

179 15.1 12.4 18.6

176 18.5 15.0 22.4



#75

1,2,3,4-Tetrachlorobenzene

Concen: 20.548 ng/uI

RT: 13.534 min Scan# 1759

Delta R.T. -0.000 min

Lab File: BP015565.D

Acq: 15 Jun 2023 20:24

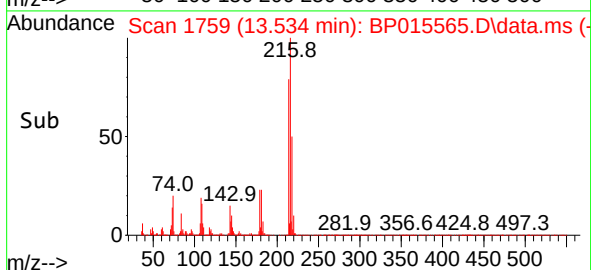
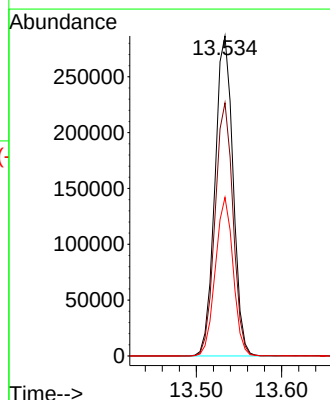
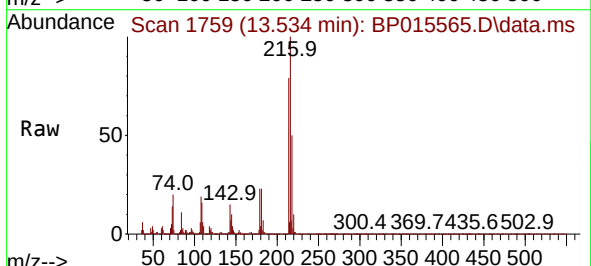
Tgt Ion:216 Resp: 423135

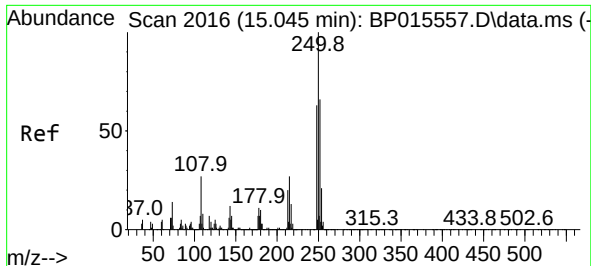
Ion Ratio Lower Upper

216 100

214 79.1 62.1 93.1

218 49.6 39.0 58.4

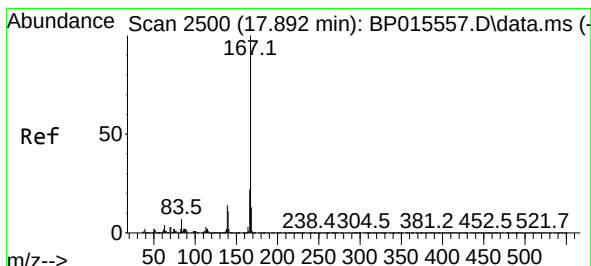
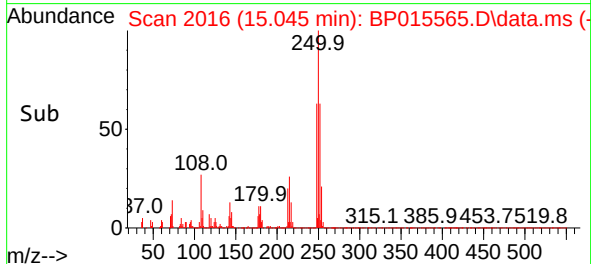
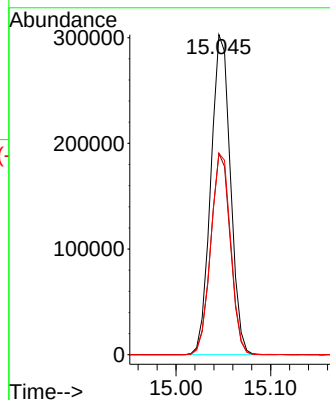
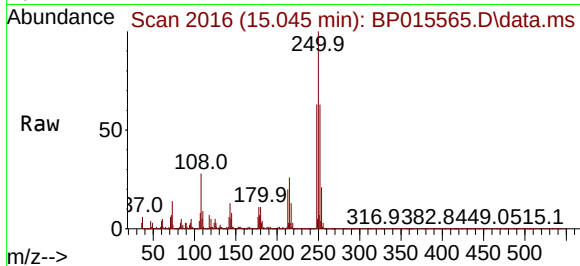




#76
 Pentachlorobenzene
 Concen: 20.201 ng/uL
 RT: 15.045 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: BP015565.D
 Acq: 15 Jun 2023 20:24

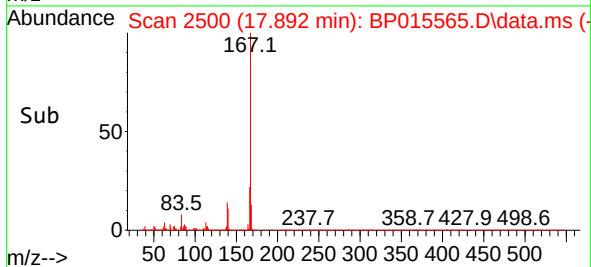
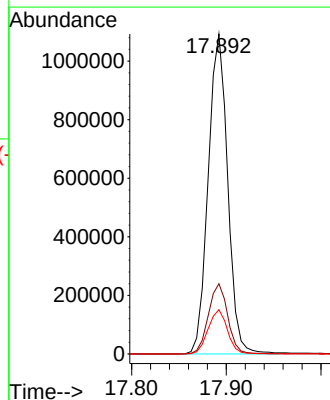
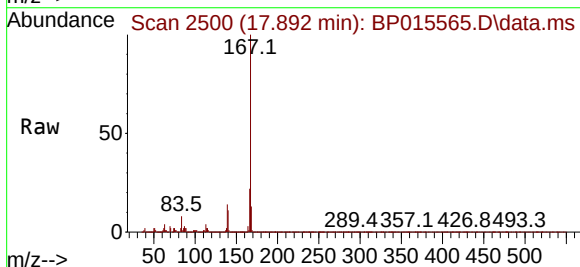
Instrument :
 BNA_P
 ClientSampleId :
 SLCS338

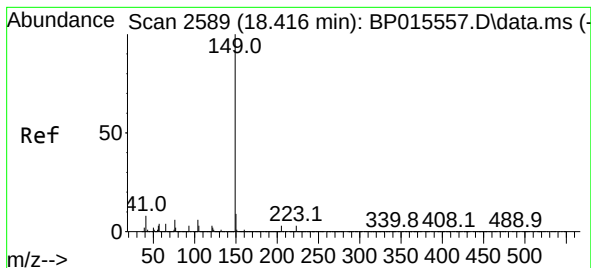
Tgt Ion:250 Resp: 435541
 Ion Ratio Lower Upper
 250 100
 248 62.9 49.0 73.4
 252 62.9 49.9 74.9



#77
 Carbazole
 Concen: 21.299 ng/uL
 RT: 17.892 min Scan# 2500
 Delta R.T. -0.000 min
 Lab File: BP015565.D
 Acq: 15 Jun 2023 20:24

Tgt Ion:167 Resp: 1558054
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.2 25.8
 139 13.8 10.6 16.0





#78

Di-n-butylphthalate

Concen: 21.974 ng/ul

RT: 18.416 min Scan# 2589

Delta R.T. -0.000 min

Lab File: BP015565.D

Acq: 15 Jun 2023 20:24

Instrument :

BNA_P

ClientSampleId :

SLCS338

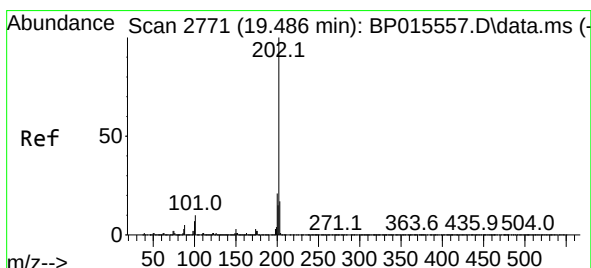
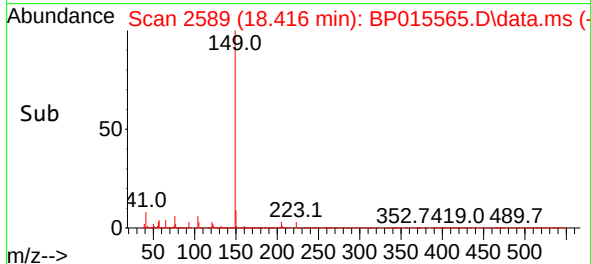
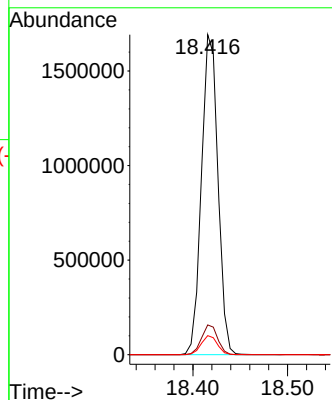
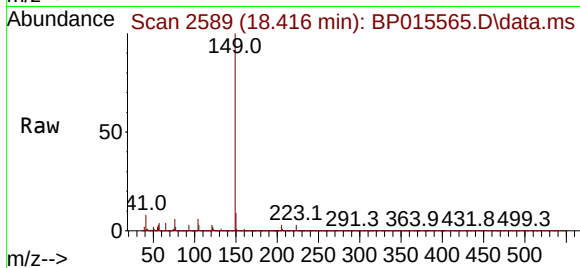
Tgt Ion:149 Resp: 2039472

Ion Ratio Lower Upper

149 100

150 9.3 7.1 10.7

104 6.0 4.5 6.7



#80

Fluoranthene

Concen: 632313.832 ng/ul

RT: 19.486 min Scan# 2771

Delta R.T. -0.000 min

Lab File: BP015565.D

Acq: 15 Jun 2023 20:24

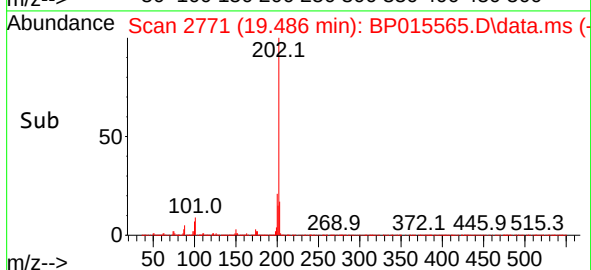
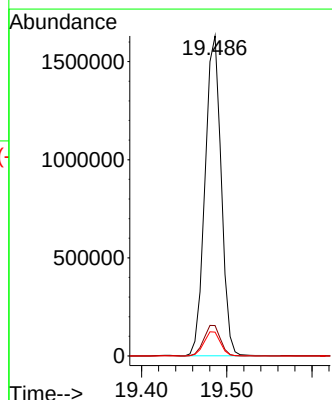
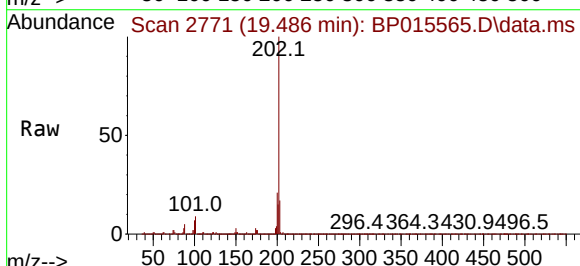
Tgt Ion:202 Resp: 2143617

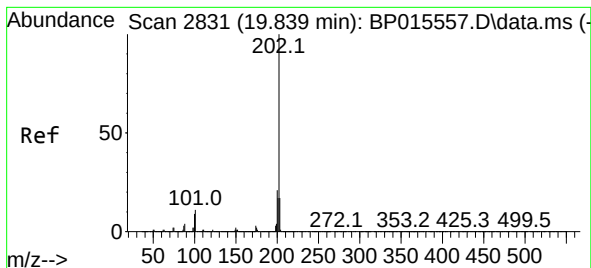
Ion Ratio Lower Upper

202 100

101 9.5 8.6 13.0

100 7.4 6.6 9.8





#82

Pyrene

Concen: 629944.108 ng/ul

RT: 19.839 min Scan# 2831

Delta R.T. -0.000 min

Lab File: BP015565.D

Acq: 15 Jun 2023 20:24

Instrument :

BNA_P

ClientSampleId :

SLCS338

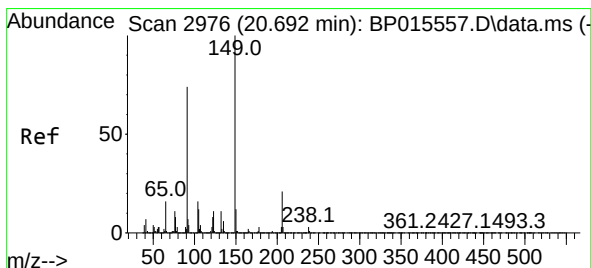
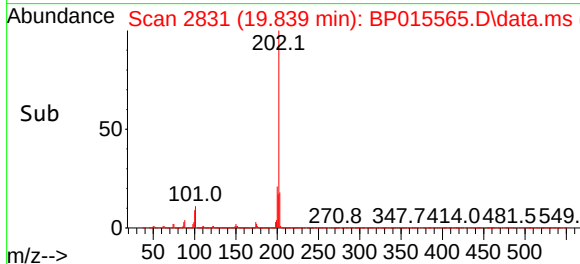
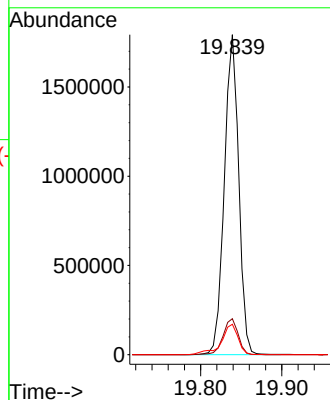
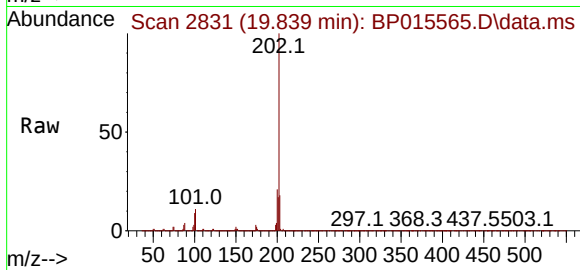
Tgt Ion:202 Resp: 2209429

Ion Ratio Lower Upper

202 100

101 11.3 9.9 14.9

100 9.5 8.4 12.6



#83

Butylbenzylphthalate

Concen: 666591.875 ng/ul

RT: 20.692 min Scan# 2976

Delta R.T. -0.000 min

Lab File: BP015565.D

Acq: 15 Jun 2023 20:24

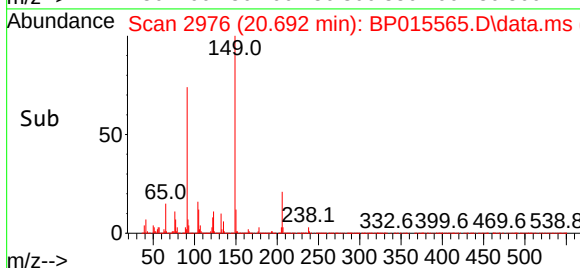
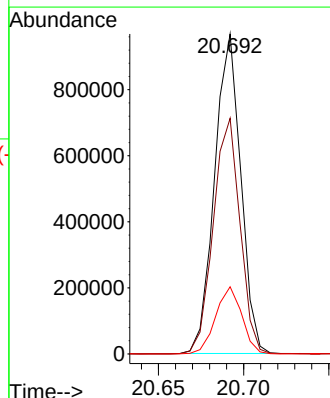
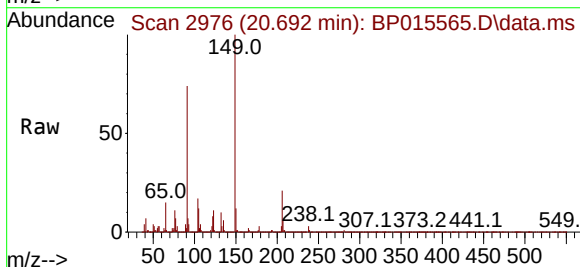
Tgt Ion:149 Resp: 1033353

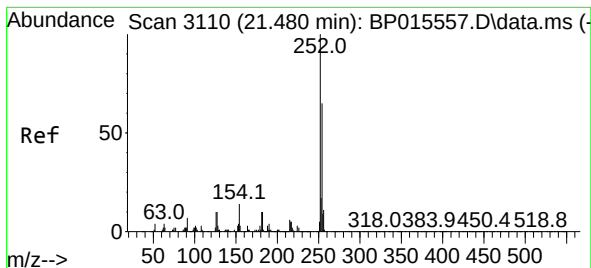
Ion Ratio Lower Upper

149 100

91 73.7 60.4 90.6

206 21.0 16.4 24.6





#84

3,3'-Dichlorobenzidine

Concen: 644119.330 ng/ul

RT: 21.480 min Scan# 3110

Delta R.T. -0.000 min

Lab File: BP015565.D

Acq: 15 Jun 2023 20:24

Instrument :

BNA_P

ClientSampleId :

SLCS338

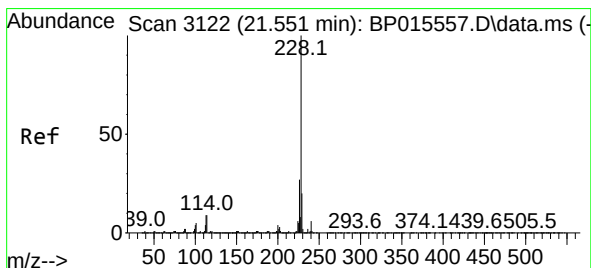
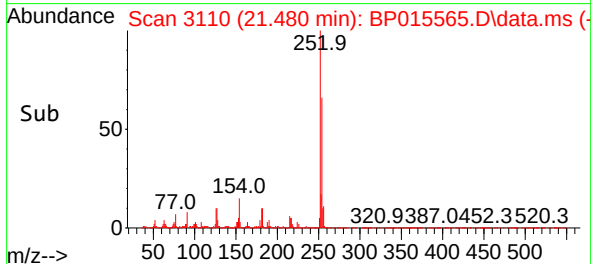
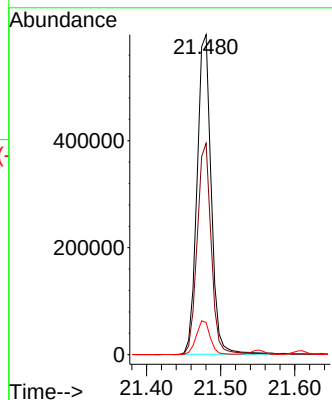
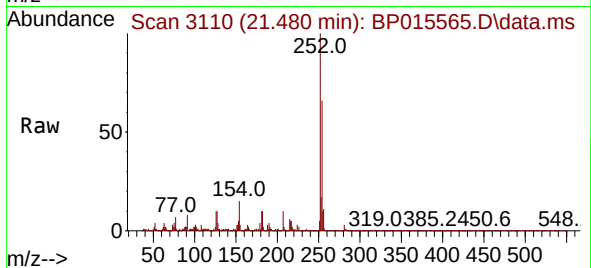
Tgt Ion:252 Resp: 791306

Ion Ratio Lower Upper

252 100

254 66.1 51.6 77.4

126 10.1 8.5 12.7



#85

Benzo(a)anthracene

Concen: 592433.030 ng/ul

RT: 21.610 min Scan# 3132

Delta R.T. 0.059 min

Lab File: BP015565.D

Acq: 15 Jun 2023 20:24

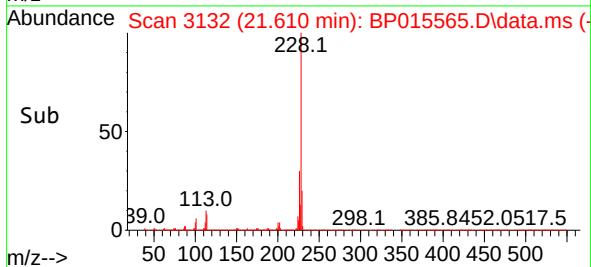
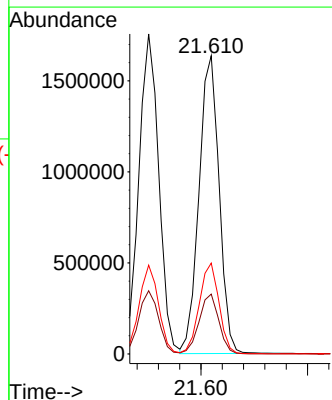
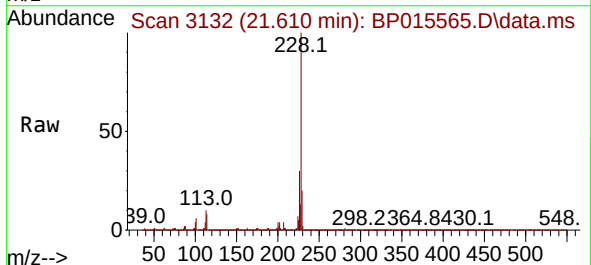
Tgt Ion:228 Resp: 2153612

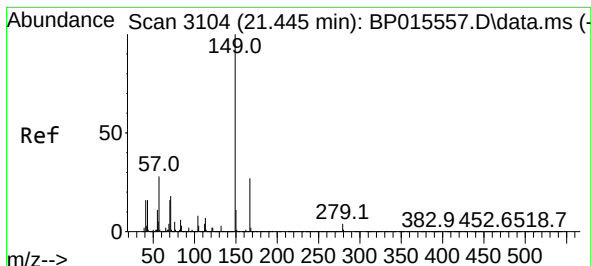
Ion Ratio Lower Upper

228 100

229 20.0 15.8 23.6

226 30.5 21.8 32.6

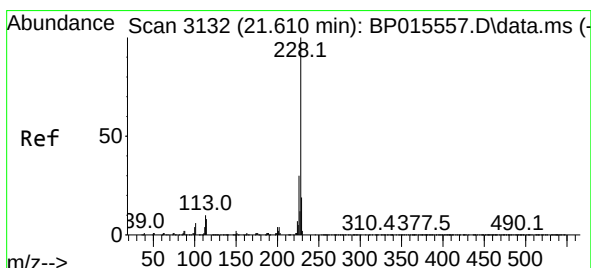
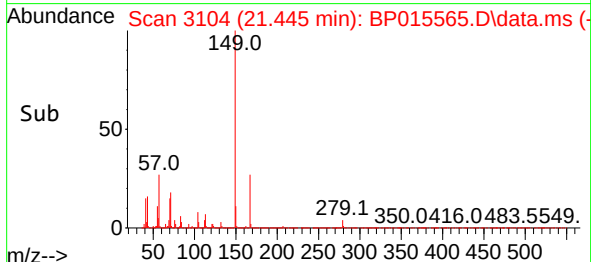
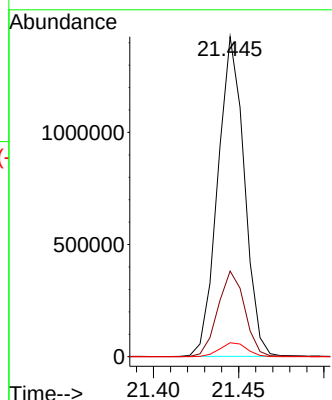
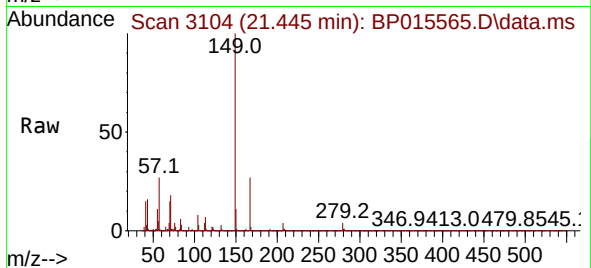




#86
Bis(2-ethylhexyl)phthalate
Concen: 674666.883 ng/ul
RT: 21.445 min Scan# 3104
Delta R.T. -0.000 min
Lab File: BP015565.D
Acq: 15 Jun 2023 20:24

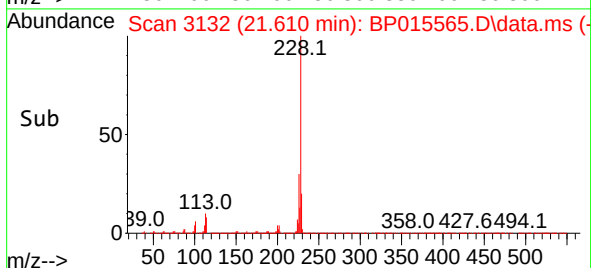
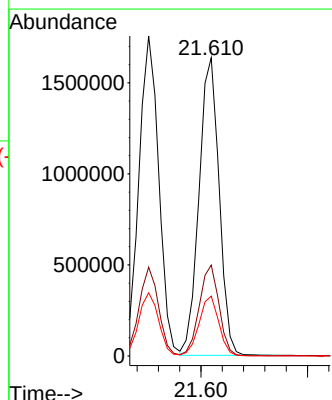
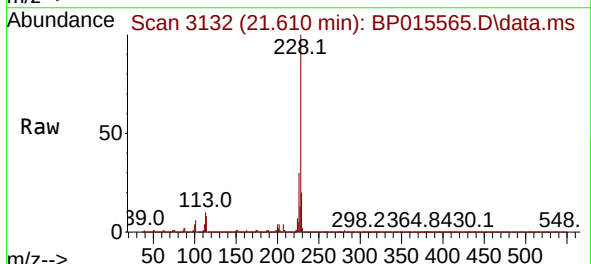
Instrument :
BNA_P
ClientSampleId :
SLCS338

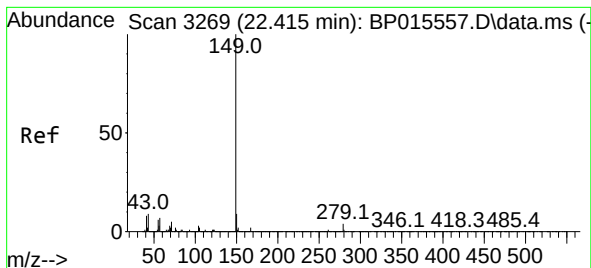
Tgt Ion:149 Resp: 1545882
Ion Ratio Lower Upper
149 100
167 26.7 21.8 32.8
279 4.3 3.7 5.5



#87
Chrysene
Concen: 625553.558 ng/ul
RT: 21.610 min Scan# 3132
Delta R.T. -0.000 min
Lab File: BP015565.D
Acq: 15 Jun 2023 20:24

Tgt Ion:228 Resp: 2149433
Ion Ratio Lower Upper
228 100
226 30.5 23.9 35.9
229 20.0 15.1 22.7





#89

Di-n-octyl phthalate

Concen: 57528.813 ng/ul

RT: 22.415 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP015565.D

Acq: 15 Jun 2023 20:24

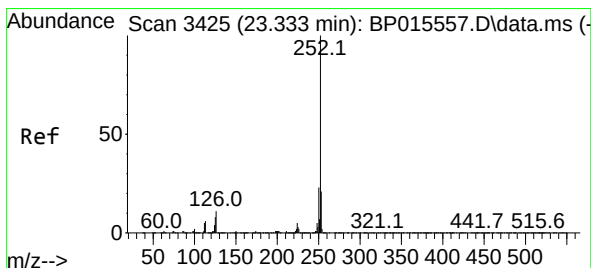
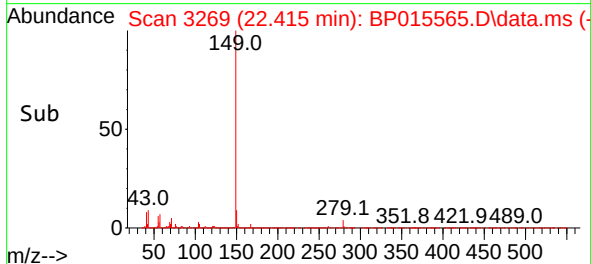
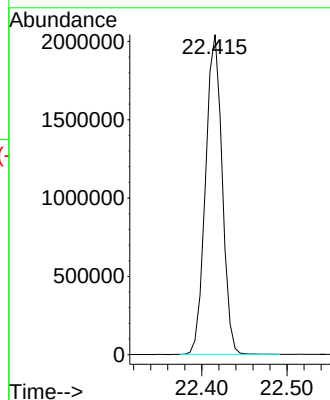
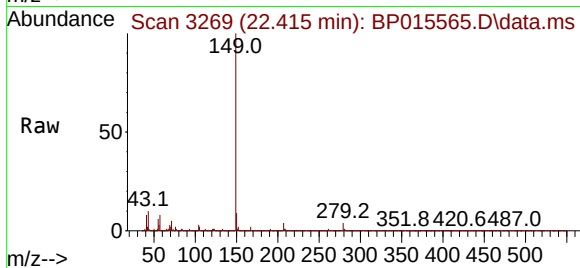
Instrument :

BNA_P

ClientSampleId :

SLCS338

Tgt Ion:149 Resp: 2760096



#90

Benzo(b)fluoranthene

Concen: 49169.120 ng/ul

RT: 23.380 min Scan# 3433

Delta R.T. 0.053 min

Lab File: BP015565.D

Acq: 15 Jun 2023 20:24

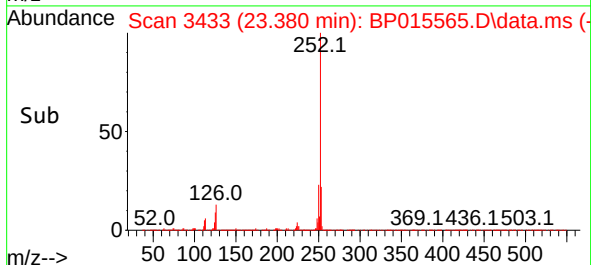
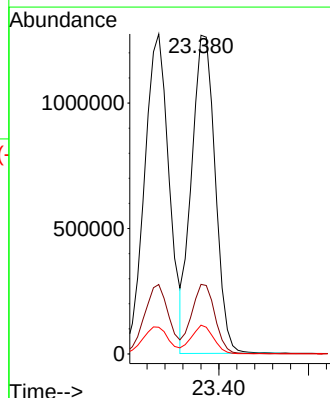
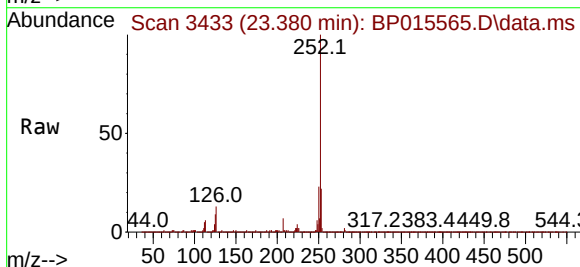
Tgt Ion:252 Resp: 2316924

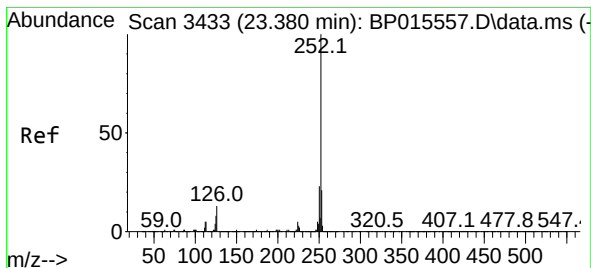
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 9.0 7.3 10.9





#91

Benzo(k)fluoranthene

Concen: 50770.570 ng/u1

RT: 23.380 min Scan# 3433

Delta R.T. -0.000 min

Lab File: BP015565.D

Acq: 15 Jun 2023 20:24

Instrument :

BNA_P

ClientSampleId :

SLCS338

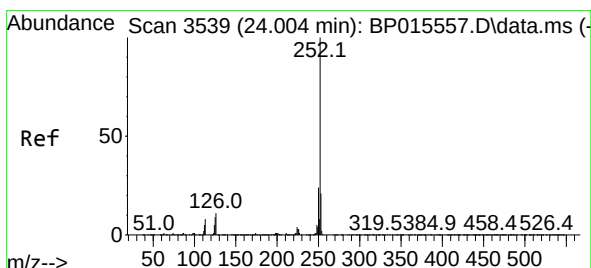
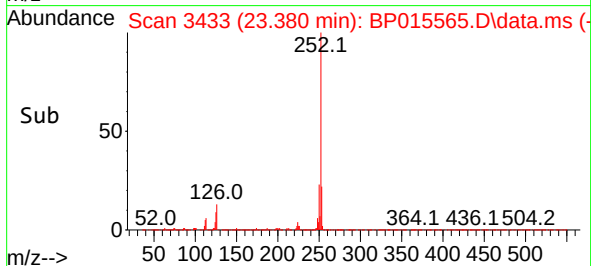
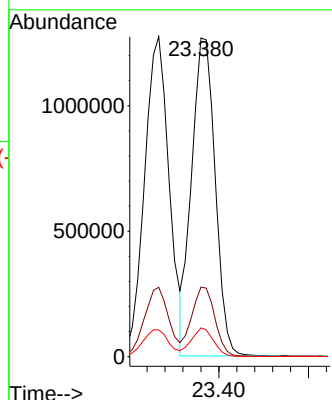
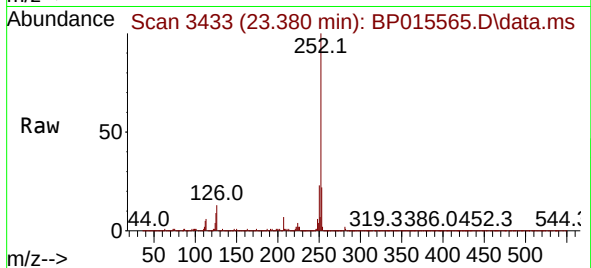
Tgt Ion:252 Resp: 2312620

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 9.0 7.3 10.9



#93

Benzo(a)pyrene

Concen: 49150.209 ng/u1

RT: 24.004 min Scan# 3539

Delta R.T. -0.000 min

Lab File: BP015565.D

Acq: 15 Jun 2023 20:24

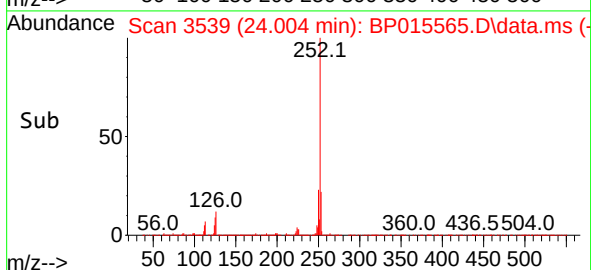
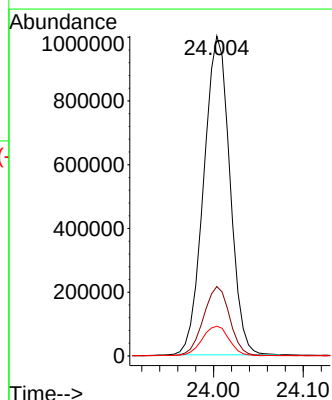
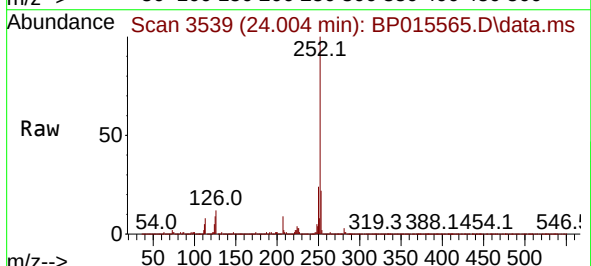
Tgt Ion:252 Resp: 2019247

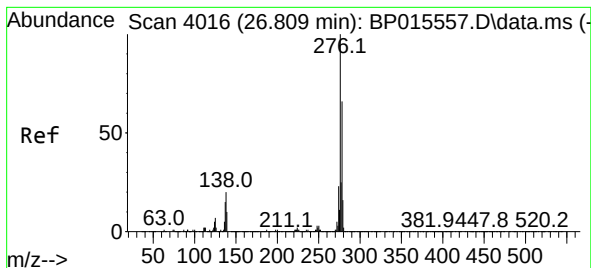
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 9.3 8.1 12.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 37627.532 ng/ul

RT: 26.809 min Scan# 4016

Delta R.T. -0.000 min

Lab File: BP015565.D

Acq: 15 Jun 2023 20:24

Instrument :

BNA_P

ClientSampleId :

SLCS338

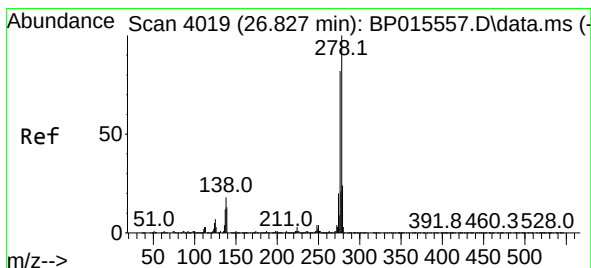
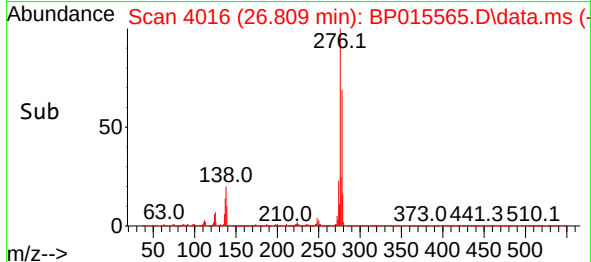
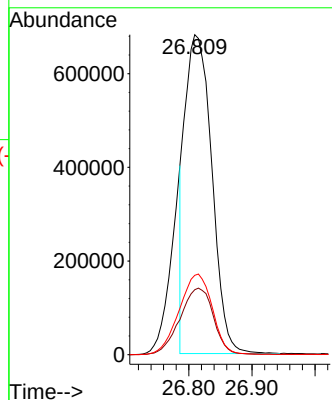
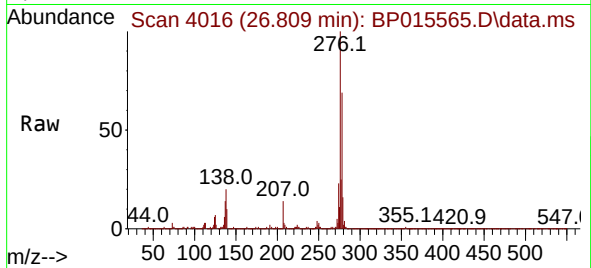
Tgt Ion:276 Resp: 2000600

Ion Ratio Lower Upper

276 100

138 20.3 17.3 25.9

277 24.8 20.2 30.2



#95

Dibenzo(a,h)anthracene

Concen: 38627.851 ng/ul

RT: 26.827 min Scan# 4019

Delta R.T. -0.000 min

Lab File: BP015565.D

Acq: 15 Jun 2023 20:24

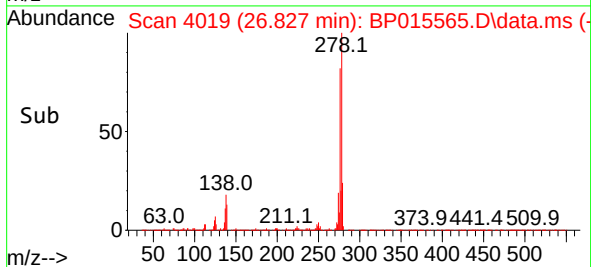
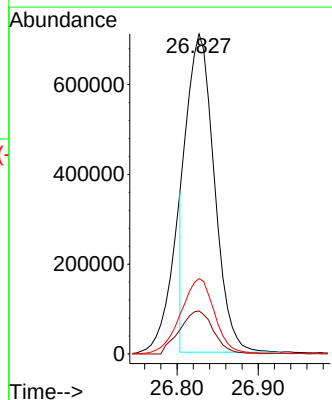
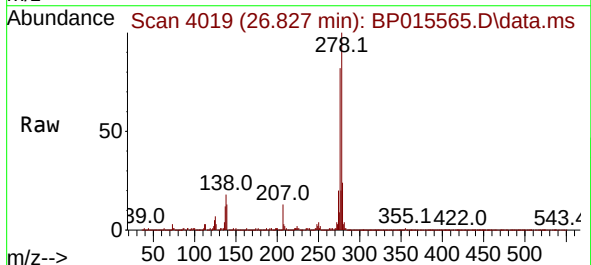
Tgt Ion:278 Resp: 1673218

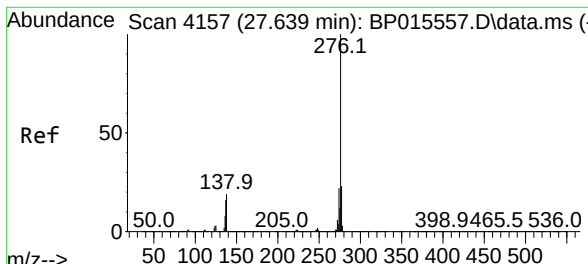
Ion Ratio Lower Upper

278 100

139 13.5 11.4 17.0

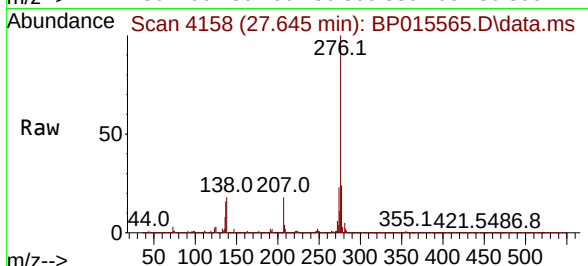
279 23.6 18.7 28.1





#96
 Benzo(g,h,i)perylene
 Concen: 36916.454 ng/ul
 RT: 27.645 min Scan# 4158
 Delta R.T. 0.006 min
 Lab File: BP015565.D
 Acq: 15 Jun 2023 20:24

Instrument :
 BNA_P
 ClientSampleId :
 SLCS338



Tgt Ion: 276 Resp: 1617542

Ion	Ratio	Lower	Upper
276	100		
138	18.1	15.6	23.4
277	23.9	19.0	28.6

