

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122623\
 Data File : BP019100.D
 Acq On : 27 Dec 2023 01:08
 Operator : MA/JU
 Sample : PB158028BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS028

Quant Time: Dec 27 01:48:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 26 22:20:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	134142	20.000	ng/u1	0.00
20) Naphthalene-d8	10.604	136	503788	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.445	164	304455	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.198	188	683376	20.000	ng/u1	0.00
79) Chrysene-d12	21.286	240	740609	20.000	ng/u1	0.00
88) Perylene-d12	23.645	264	886642	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	27390	6.958	ng/uL	0.00
4) Pyridine-d5	3.664	84	359581	34.103	ng/u1	0.00
7) Phenol-d5	6.987	99	412692	30.657	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	244426	30.635	ng/u1	0.00
11) 2-Chlorophenol-d4	7.340	132	328275	31.252	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	312706	28.704	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	153111	34.147	ng/u1	0.00
24) 2-Nitrophenol-d4	9.693	143	162769	35.014	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	328933	34.604	ng/u1	0.00
31) 4-Chloroaniline-d4	10.751	131	381350	30.698	ng/u1	0.00
46) Dimethylphthalate-d6	13.863	166	883892	32.528	ng/u1	0.00
49) Acenaphthylene-d8	14.140	160	1030353	34.436	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	159055	35.660	ng/u1	0.00
60) Fluorene-d10	15.439	176	781728	34.273	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.569	200	150881	36.822	ng/u1	0.00
73) Anthracene-d10	17.298	188	1220294	33.967	ng/u1	0.00
81) Pyrene-d10	19.533	212	1533665	26.603	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.492	264	1792113	34.665	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	55332	12.818	ng/uL	98
5) Pyridine	3.681	79	363075	34.099	ng/u1	97
6) Benzaldehyde	6.958	77	219846	31.631	ng/u1	94
8) Phenol	7.016	94	419979	31.813	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.246	93	341936	31.539	ng/u1	99
12) 2-Chlorophenol	7.375	128	338003	31.794	ng/u1	98
13) 2-Methylphenol	8.263	108	307674	30.443	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.340	45	401721	29.202	ng/u1	99
16) Acetophenone	8.640	105	484052	29.814	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.628	70	231220	25.887	ng/u1	98
18) 4-Methylphenol	8.593	108	327068	29.636	ng/u1	98
19) Hexachloroethane	8.881	117	142589	32.717	ng/u1	88
22) Nitrobenzene	9.016	77	368141	33.769	ng/u1	98
23) Isophorone	9.546	82	648386	29.170	ng/u1	99
25) 2-Nitrophenol	9.722	139	175950	35.350	ng/u1	96
26) 2,4-Dimethylphenol	9.793	107	323776	33.260	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.028	93	424352	30.240	ng/u1	99
29) 2,4-Dichlorophenol	10.257	162	316844	34.605	ng/u1	98
30) Naphthalene	10.652	128	1025336	33.550	ng/u1	100
32) 4-Chloroaniline	10.775	127	348129	29.402	ng/u1	98
33) Hexachlorobutadiene	10.934	225	241485	39.381	ng/u1	98
34) Caprolactam	11.557	113	88544	31.538	ng/u1	96
35) 4-Chloro-3-methylphenol	11.904	107	314572	30.669	ng/u1	100
36) 2-Methylnaphthalene	12.269	142	681218	31.463	ng/u1	99

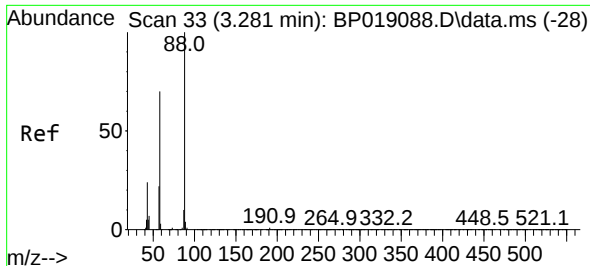
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.487	142	672579	30.760	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.634	216	422215	38.223	ng/ul	98
40) Hexachlorocyclopentadiene	12.610	237	220617	33.696	ng/ul	99
41) 2,4,6-Trichlorophenol	12.881	196	255396	35.942	ng/ul	99
42) 2,4,5-Trichlorophenol	12.951	196	279032	36.221	ng/ul	100
43) 1,1'-Biphenyl	13.281	154	898402	34.119	ng/ul	97
44) 2-Chloronaphthalene	13.322	162	727260	34.970	ng/ul	98
45) 2-Nitroaniline	13.534	65	186204	33.028	ng/ul	98
47) Dimethylphthalate	13.910	163	883385	33.026	ng/ul	99
48) 2,6-Dinitrotoluene	14.034	165	174353	34.502	ng/ul	95
50) Acenaphthylene	14.169	152	1155237	34.340	ng/ul	99
51) 3-Nitroaniline	14.363	138	162902	32.292	ng/ul	99
52) Acenaphthene	14.510	153	758729	34.111	ng/ul	99
53) 2,4-Dinitrophenol	14.569	184	94275	35.200	ng/ul	95
55) 4-Nitrophenol	14.675	109	126570	37.560	ng/ul	90
56) Dibenzofuran	14.845	168	1075835	34.801	ng/ul	98
57) 2,4-Dinitrotoluene	14.822	165	260276	36.615	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.075	232	243344	37.658	ng/ul#	92
59) Diethylphthalate	15.275	149	847288	32.371	ng/ul	99
61) Fluorene	15.492	166	865368	35.377	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.492	204	456113	35.553	ng/ul	95
63) 4-Nitroaniline	15.528	138	181666	37.802	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.581	198	164881	37.637	ng/ul	93
67) N-Nitrosodiphenylamine	15.710	169	727376	32.121	ng/ul	99
68) 4-Bromophenyl-phenylether	16.386	248	288768	33.471	ng/ul	95
69) Hexachlorobenzene	16.498	284	350421	36.380	ng/ul	97
70) Atrazine	16.669	200	259551	38.552	ng/ul	97
71) Pentachlorophenol	16.845	266	210933	36.820	ng/ul	99
72) Phenanthrene	17.239	178	1413612	34.250	ng/ul	99
74) Anthracene	17.334	178	1433134	34.641	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.240	216	420468	35.584	ng/ul	98
76) Pentachlorobenzene	14.763	250	406942	35.060	ng/ul	98
77) Carbazole	17.604	167	1297224	39.343	ng/ul	100
78) Di-n-butylphthalate	18.163	149	1381574	31.468	ng/ul	99
80) Fluoranthene	19.210	202	1777805	26.088	ng/ul	96
82) Pyrene	19.563	202	1883398	27.396	ng/ul	94
83) Butylbenzylphthalate	20.445	149	648818	25.780	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.210	252	636025	35.340	ng/ul	99
85) Benzo(a)anthracene	21.274	228	2031310	33.791	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.204	149	917598	26.527	ng/ul	99
87) Chrysene	21.327	228	1908754	34.480	ng/ul	100
89) Di-n-octyl phthalate	22.110	149	1634301	25.246	ng/ul	100
90) Benzo(b)fluoranthene	22.927	252	2226897	34.065	ng/ul	99
91) Benzo(k)fluoranthene	22.974	252	2086810	32.992	ng/ul	98
93) Benzo(a)pyrene	23.539	252	2063352	34.543	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.086	276	2692871	37.732	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.104	278	2236687	37.674	ng/ul	97
96) Benzo(g,h,i)perylene	26.839	276	2185256	38.047	ng/ul	96

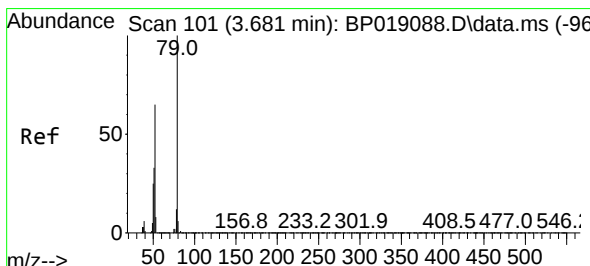
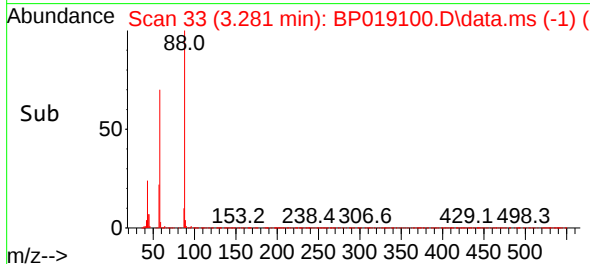
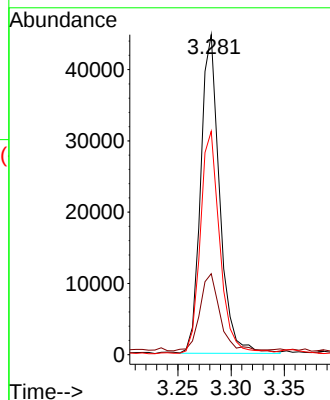
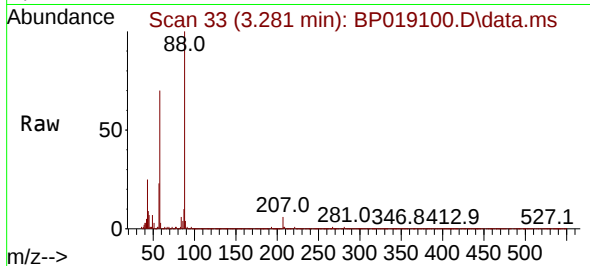
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#2
1,4-Dioxane
Concen: 12.818 ng/uL
RT: 3.281 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP019100.D
Acq: 27 Dec 2023 01:08

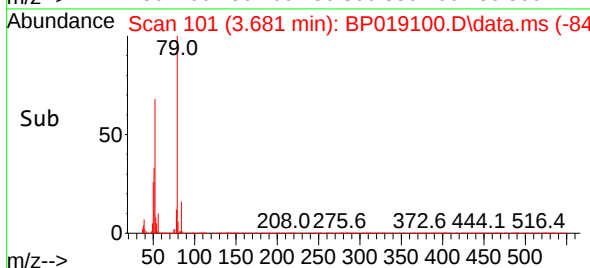
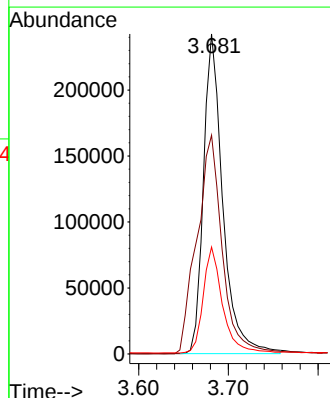
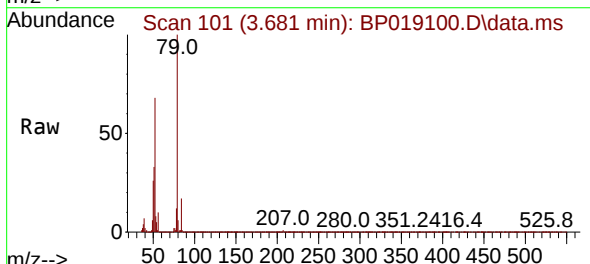
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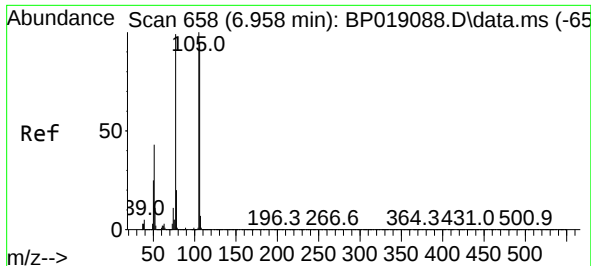
Tgt Ion: 88 Resp: 55332
Ion Ratio Lower Upper
88 100
43 25.3 21.8 32.6
58 69.8 56.5 84.7



#5
Pyridine
Concen: 34.099 ng/uL
RT: 3.681 min Scan# 101
Delta R.T. -0.000 min
Lab File: BP019100.D
Acq: 27 Dec 2023 01:08

Tgt Ion: 79 Resp: 363075
Ion Ratio Lower Upper
79 100
52 68.3 57.4 86.0
51 33.4 26.2 39.4

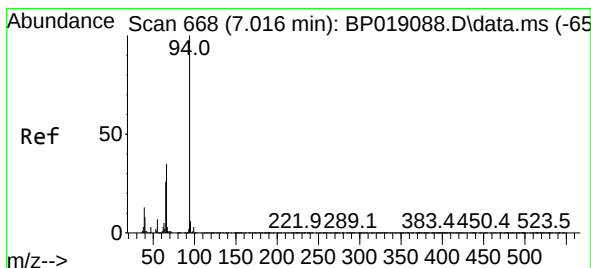
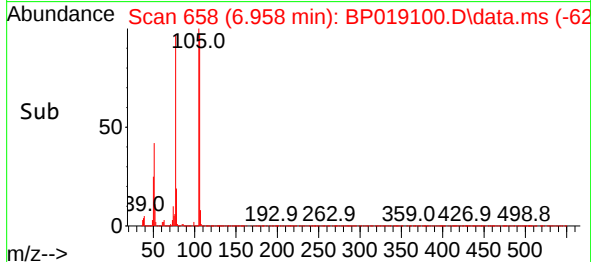
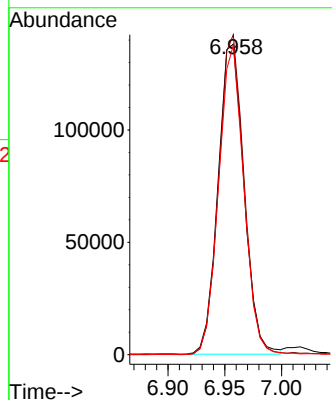
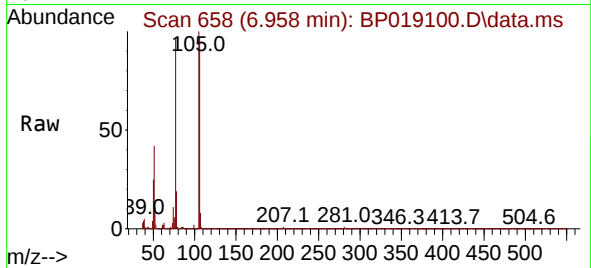




#6
Benzaldehyde
Concen: 31.631 ng/ul
RT: 6.958 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP019100.D
Acq: 27 Dec 2023 01:08

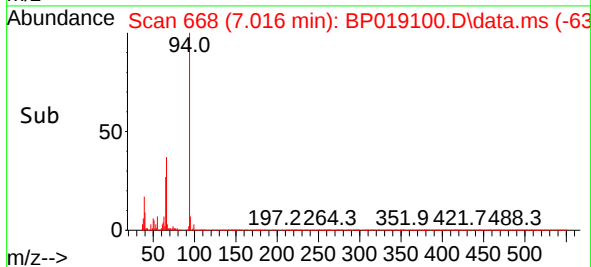
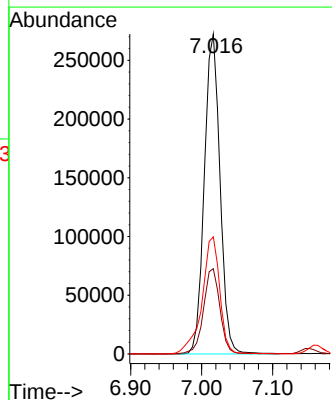
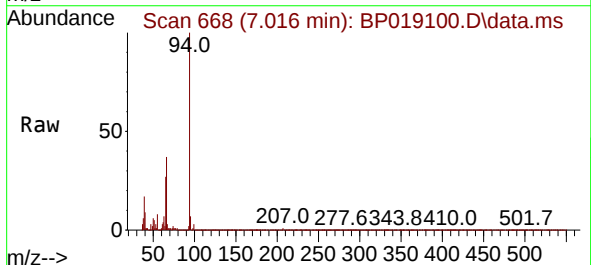
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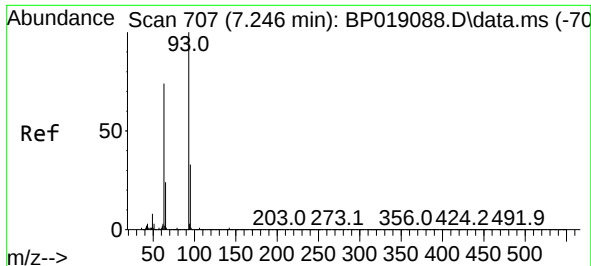
Tgt Ion: 77 Resp: 219846
Ion Ratio Lower Upper
77 100
105 103.1 77.9 116.9
106 99.7 74.6 111.8



#8
Phenol
Concen: 31.813 ng/ul
RT: 7.016 min Scan# 668
Delta R.T. -0.000 min
Lab File: BP019100.D
Acq: 27 Dec 2023 01:08

Tgt Ion: 94 Resp: 419979
Ion Ratio Lower Upper
94 100
65 26.6 21.0 31.6
66 36.6 28.6 43.0



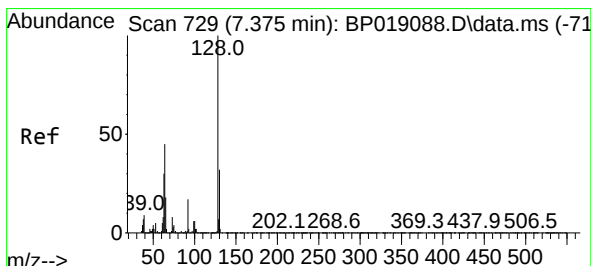
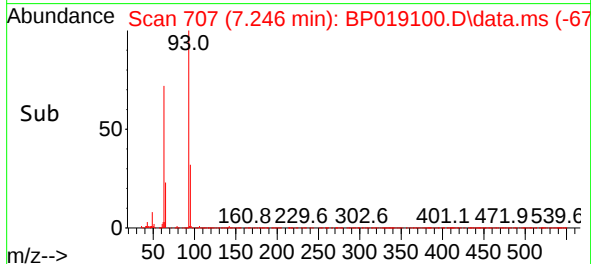
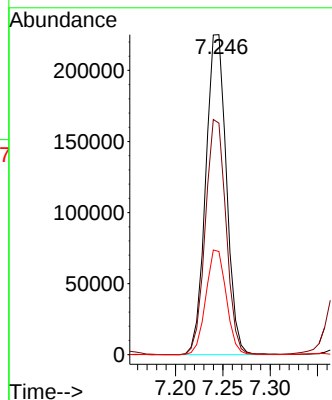
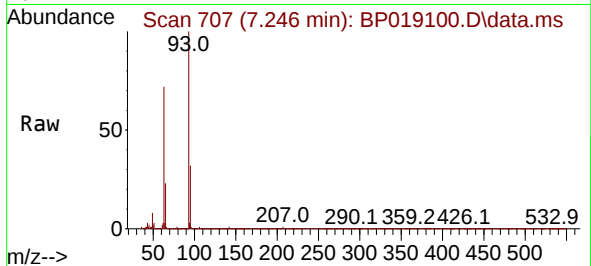


#10
 Bis(2-Chloroethyl)ether
 Concen: 31.539 ng/ul
 RT: 7.246 min Scan# 707
 Delta R.T. -0.000 min
 Lab File: BP019100.D
 Acq: 27 Dec 2023 01:08

Instrument :
 BNA_P
 ClientSampleId :
 SLCS028

Tgt Ion: 93 Resp: 341936

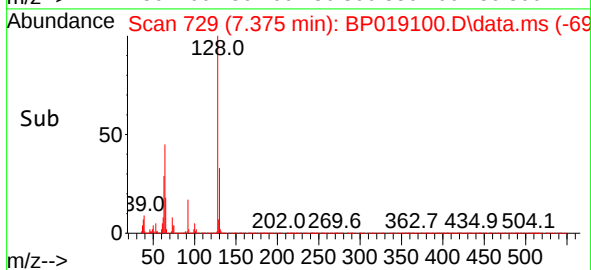
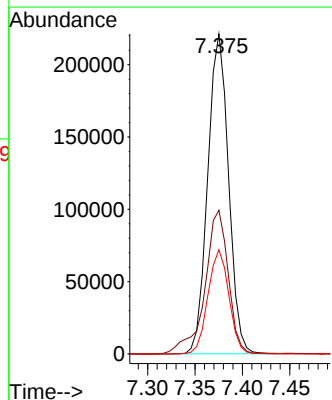
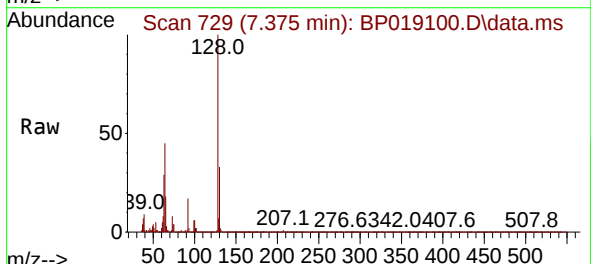
Ion	Ratio	Lower	Upper
93	100		
63	72.3	58.3	87.5
95	32.3	25.9	38.9

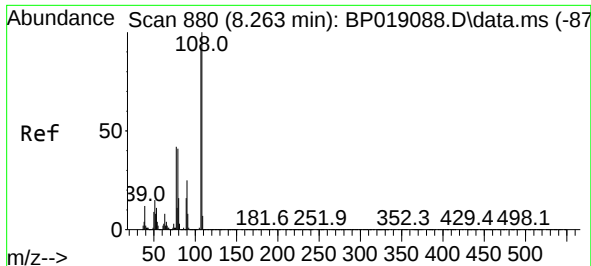


#12
 2-Chlorophenol
 Concen: 31.794 ng/ul
 RT: 7.375 min Scan# 729
 Delta R.T. -0.000 min
 Lab File: BP019100.D
 Acq: 27 Dec 2023 01:08

Tgt Ion:128 Resp: 338003

Ion	Ratio	Lower	Upper
128	100		
64	44.9	37.0	55.4
130	32.6	26.8	40.2

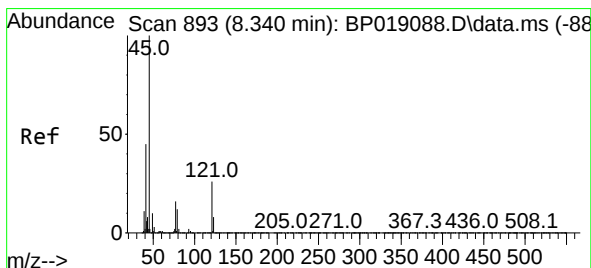
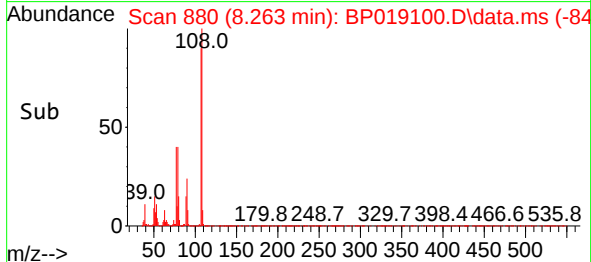
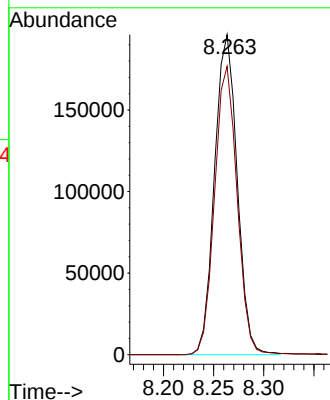
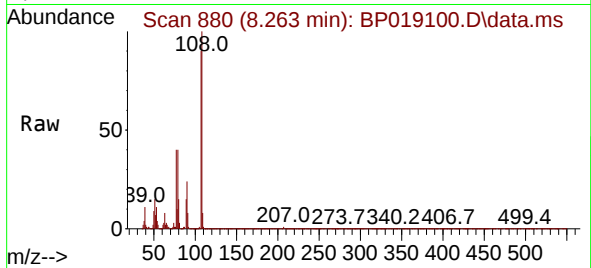




#13
2-Methylphenol
Concen: 30.443 ng/ul
RT: 8.263 min Scan# 880
Delta R.T. -0.000 min
Lab File: BP019100.D
Acq: 27 Dec 2023 01:08

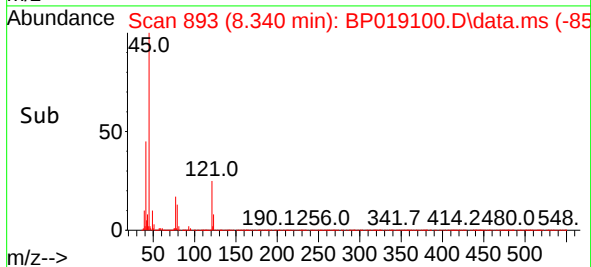
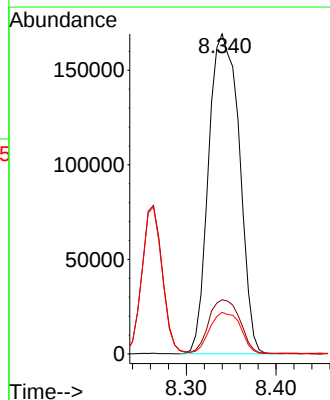
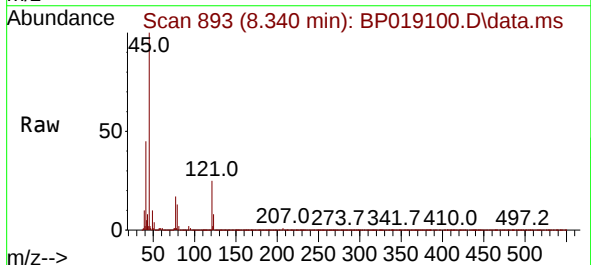
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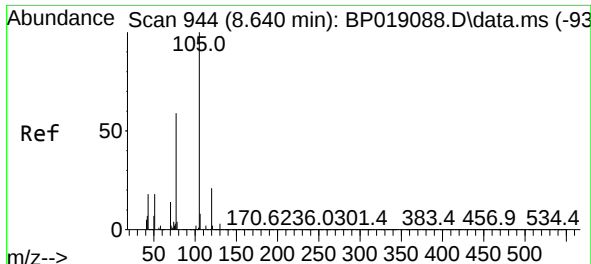
Tgt Ion:108 Resp: 307674
Ion Ratio Lower Upper
108 100
107 90.1 70.6 105.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 29.202 ng/ul
RT: 8.340 min Scan# 893
Delta R.T. -0.000 min
Lab File: BP019100.D
Acq: 27 Dec 2023 01:08

Tgt Ion: 45 Resp: 401721
Ion Ratio Lower Upper
45 100
77 16.9 12.7 19.1
79 13.0 10.5 15.7

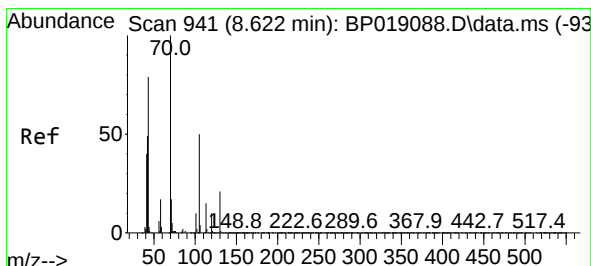
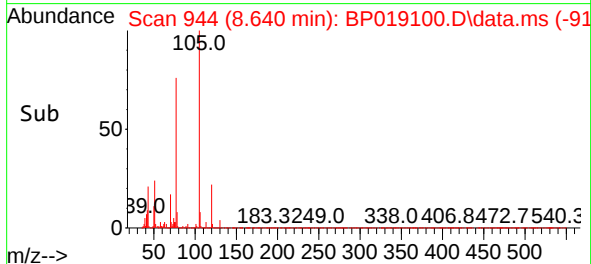
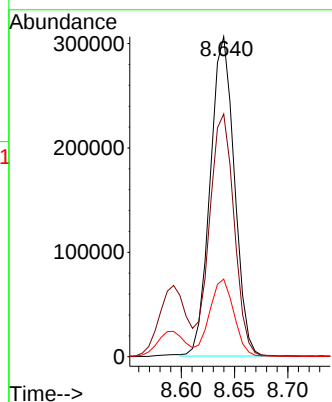
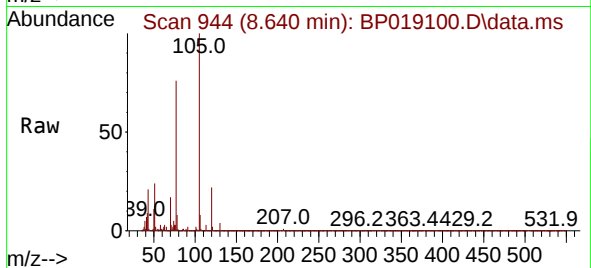




#16
Acetophenone
Concen: 29.814 ng/ul
RT: 8.640 min Scan# 944
Delta R.T. -0.000 min
Lab File: BP019100.D
Acq: 27 Dec 2023 01:08

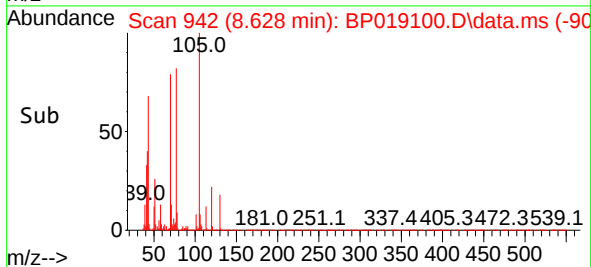
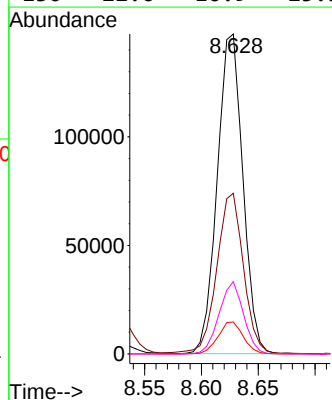
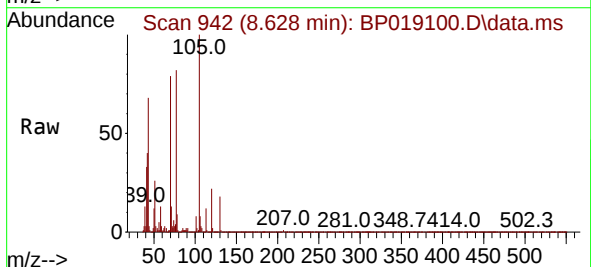
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ClientSampleId :
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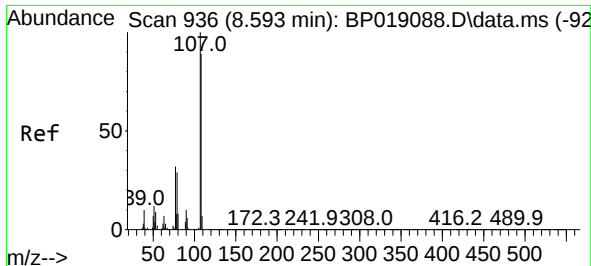
Tgt Ion:105 Resp: 484052
Ion Ratio Lower Upper
105 100
77 75.9 59.4 89.0
51 24.2 19.4 29.0



#17
N-Nitroso-di-n-propylamine
Concen: 25.887 ng/ul
RT: 8.628 min Scan# 942
Delta R.T. 0.006 min
Lab File: BP019100.D
Acq: 27 Dec 2023 01:08

Tgt Ion: 70 Resp: 231220
Ion Ratio Lower Upper
70 100
42 50.2 41.0 61.4
101 10.0 7.8 11.8
130 22.6 16.9 25.3

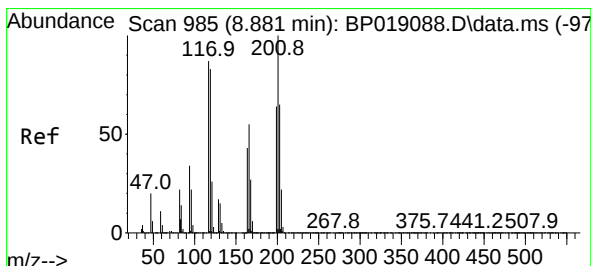
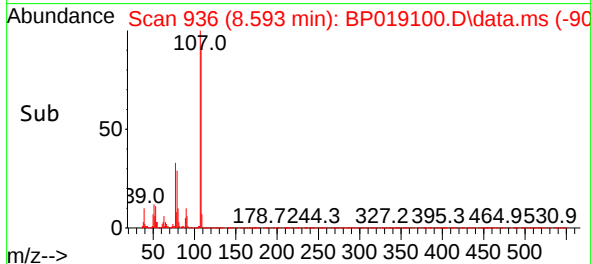
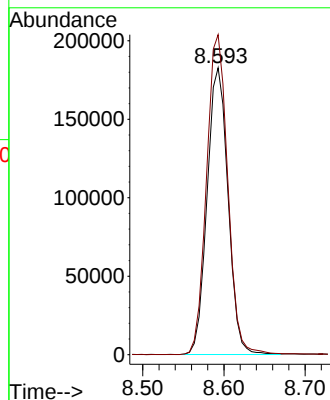
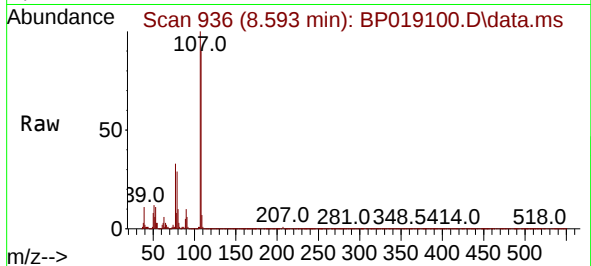




#18
4-Methylphenol
Concen: 29.636 ng/ul
RT: 8.593 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP019100.D
Acq: 27 Dec 2023 01:08

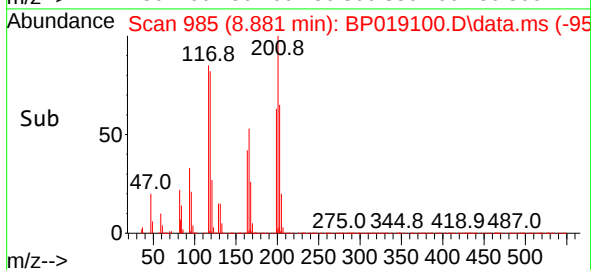
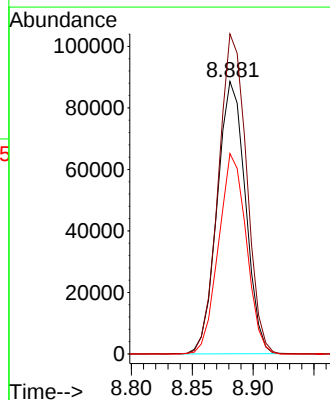
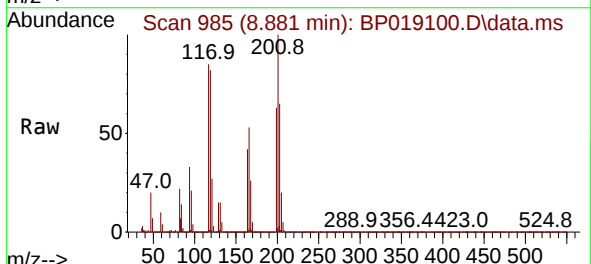
Instrument :
BNA_P
ClientSampleId :
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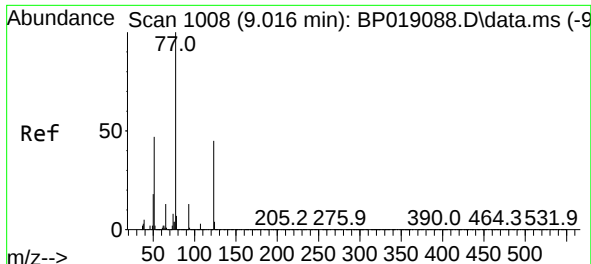
Tgt Ion:108 Resp: 327068
Ion Ratio Lower Upper
108 100
107 111.5 90.6 136.0



#19
Hexachloroethane
Concen: 32.717 ng/ul
RT: 8.881 min Scan# 985
Delta R.T. -0.000 min
Lab File: BP019100.D
Acq: 27 Dec 2023 01:08

Tgt Ion:117 Resp: 142589
Ion Ratio Lower Upper
117 100
201 117.5 83.7 125.5
199 73.6 52.3 78.5

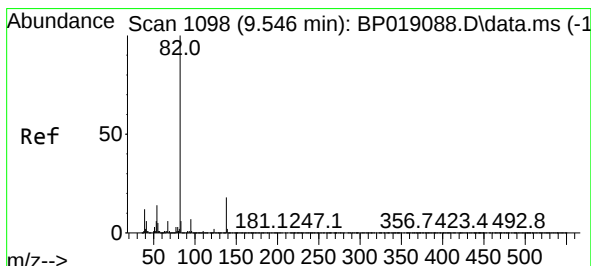
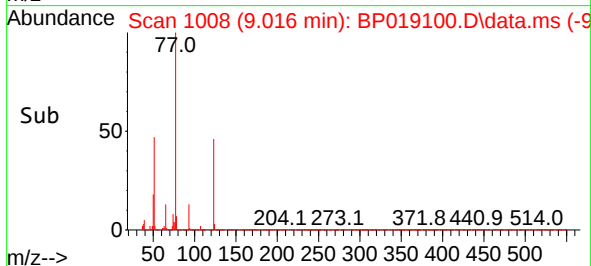
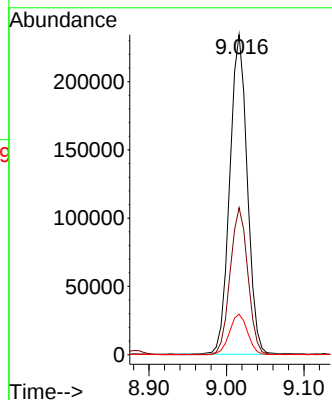
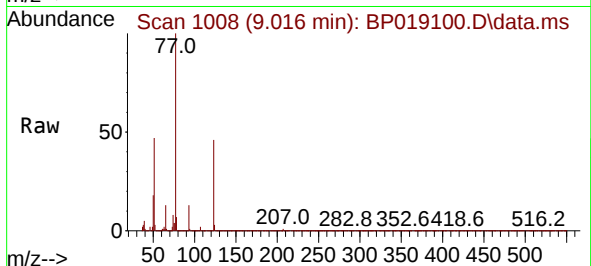




#22
Nitrobenzene
Concen: 33.769 ng/ul
RT: 9.016 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BP019100.D
Acq: 27 Dec 2023 01:08

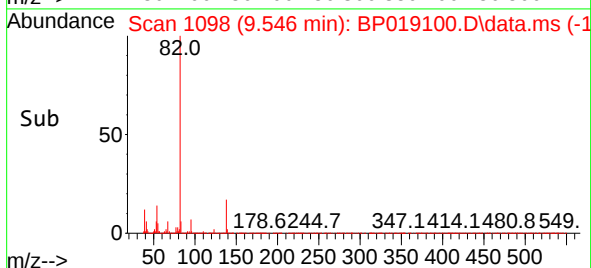
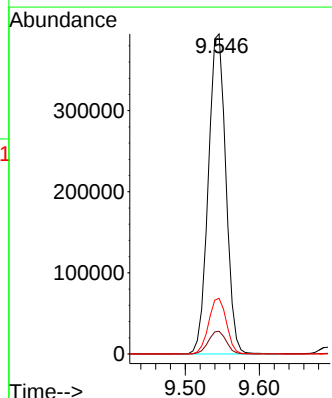
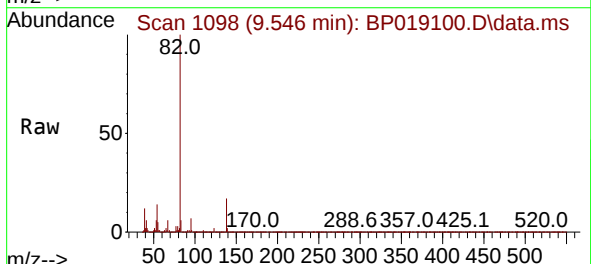
Instrument :
BNA_P
ClientSampleId :
SLCS028

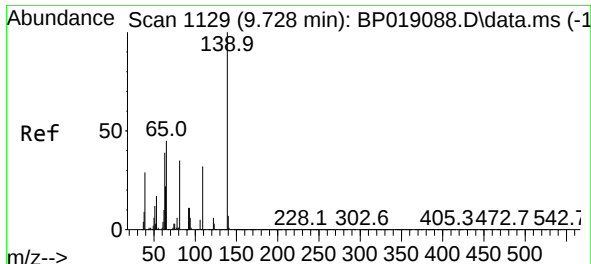
Tgt Ion: 77 Resp: 368141
Ion Ratio Lower Upper
77 100
123 45.9 35.8 53.8
65 12.7 10.5 15.7



#23
Isophorone
Concen: 29.170 ng/ul
RT: 9.546 min Scan# 1098
Delta R.T. -0.000 min
Lab File: BP019100.D
Acq: 27 Dec 2023 01:08

Tgt Ion: 82 Resp: 648386
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 17.4 13.5 20.3

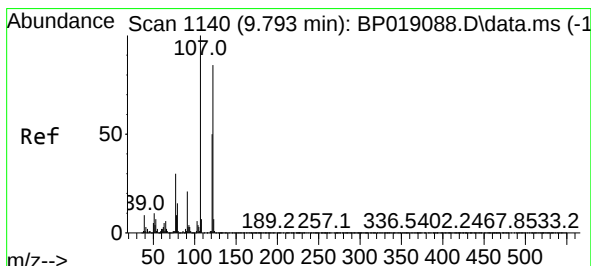
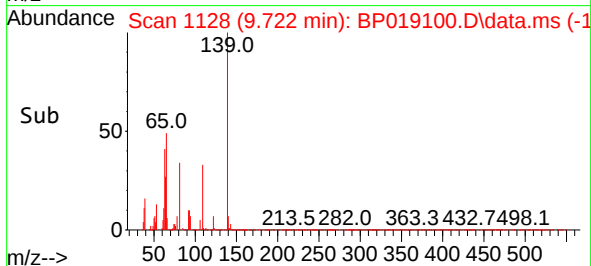
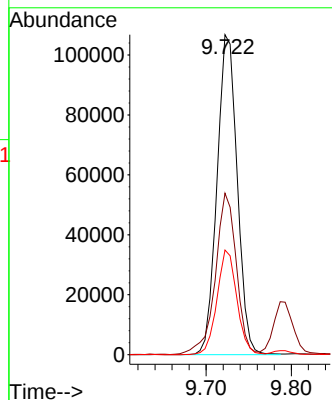
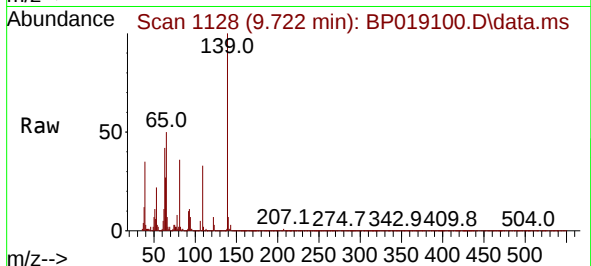




#25
2-Nitrophenol
Concen: 35.350 ng/ul
RT: 9.722 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BP019100.D
Acq: 27 Dec 2023 01:08

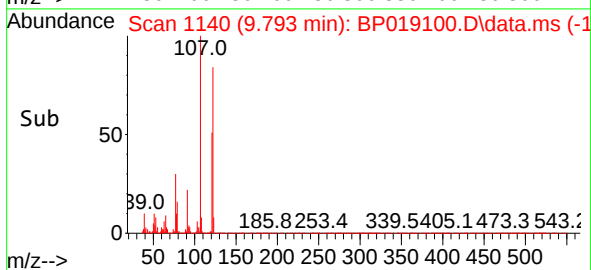
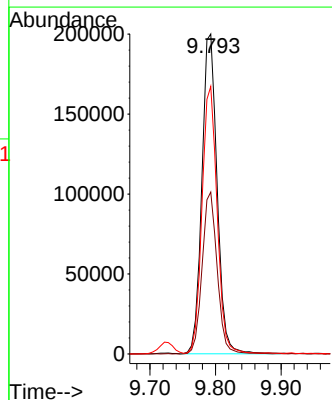
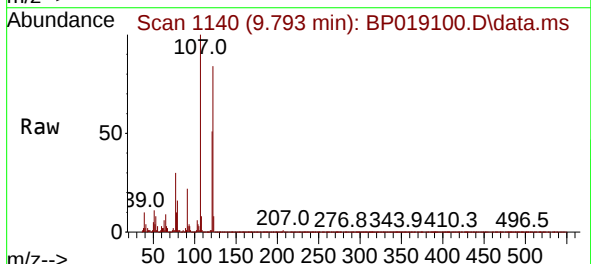
Instrument :
BNA_P
ClientSampleId :
SLCS028

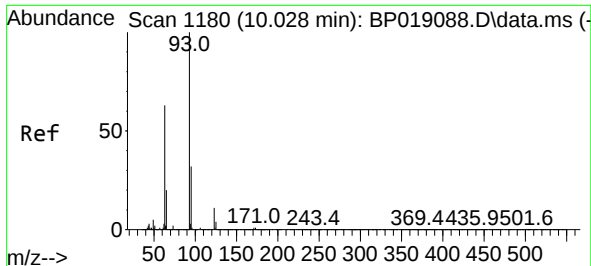
Tgt Ion:139 Resp: 175950
Ion Ratio Lower Upper
139 100
65 50.4 39.1 58.7
109 32.7 23.8 35.6



#26
2,4-Dimethylphenol
Concen: 33.260 ng/ul
RT: 9.793 min Scan# 1140
Delta R.T. -0.000 min
Lab File: BP019100.D
Acq: 27 Dec 2023 01:08

Tgt Ion:107 Resp: 323776
Ion Ratio Lower Upper
107 100
121 50.6 40.0 60.0
122 83.6 69.1 103.7

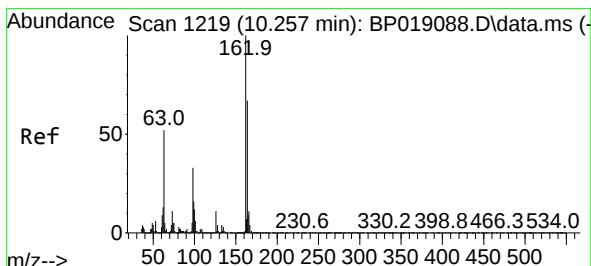
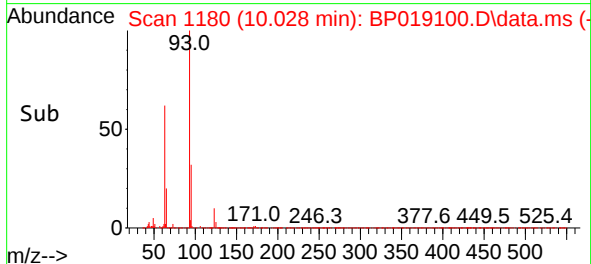
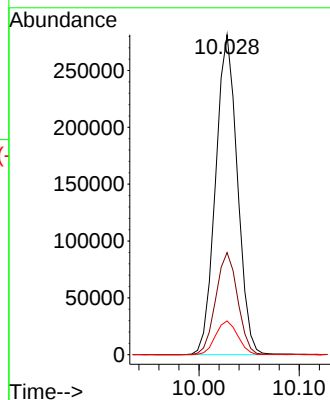
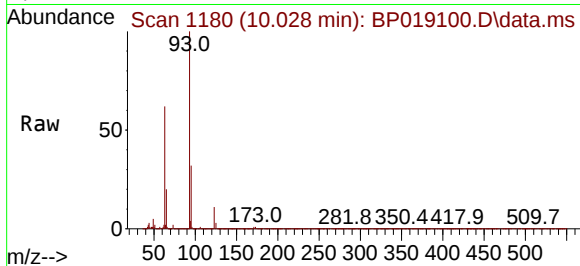




#27
 Bis(2-Chloroethoxy)methane
 Concen: 30.240 ng/ul
 RT: 10.028 min Scan# 1180
 Delta R.T. -0.000 min
 Lab File: BP019100.D
 Acq: 27 Dec 2023 01:08

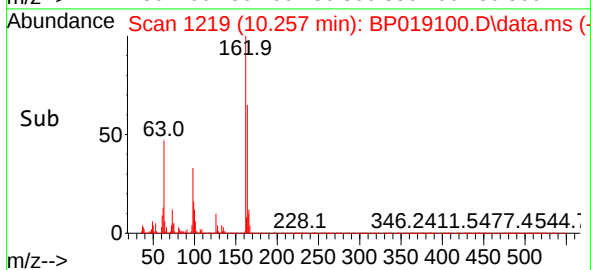
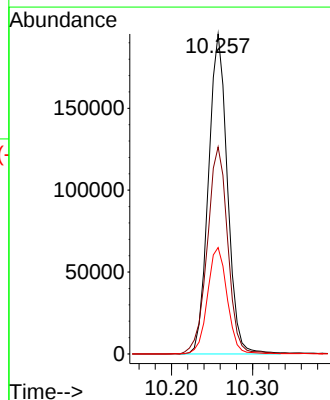
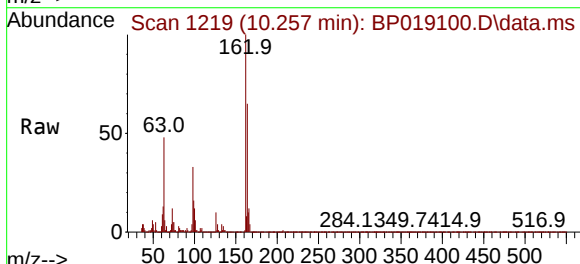
Instrument :
 BNA_P
 ClientSampleId :
 SLCS028

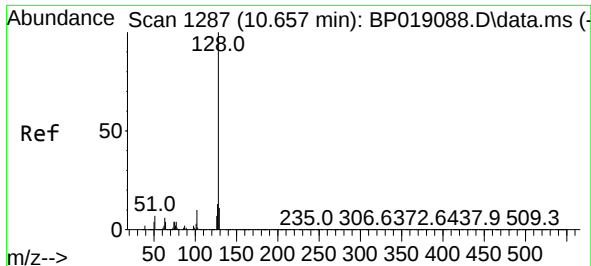
Tgt Ion: 93 Resp: 424352
 Ion Ratio Lower Upper
 93 100
 95 31.9 26.1 39.1
 123 10.5 8.9 13.3



#29
 2,4-Dichlorophenol
 Concen: 34.605 ng/ul
 RT: 10.257 min Scan# 1219
 Delta R.T. -0.000 min
 Lab File: BP019100.D
 Acq: 27 Dec 2023 01:08

Tgt Ion: 162 Resp: 316844
 Ion Ratio Lower Upper
 162 100
 164 64.7 51.7 77.5
 98 33.3 29.2 43.8

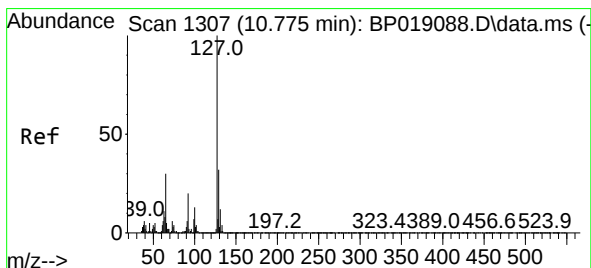
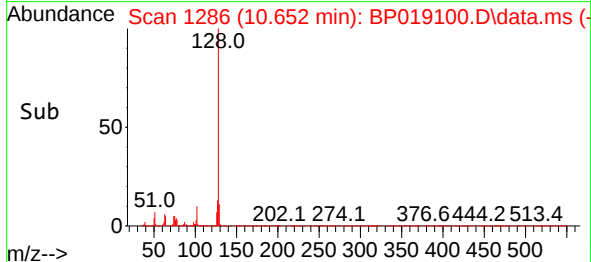
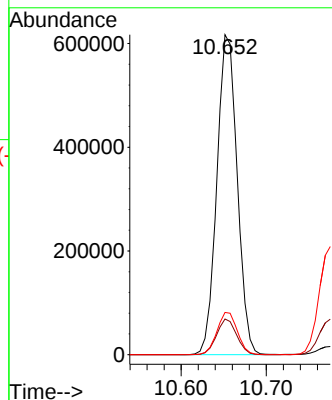
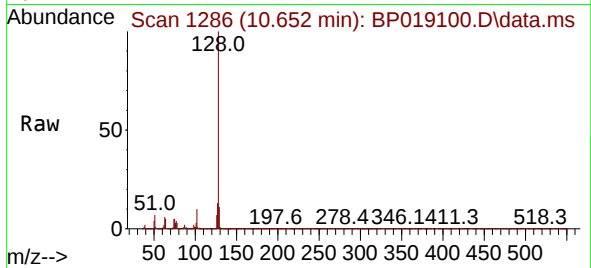




#30
Naphthalene
Concen: 33.550 ng/ul
RT: 10.652 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BP019100.D
Acq: 27 Dec 2023 01:08

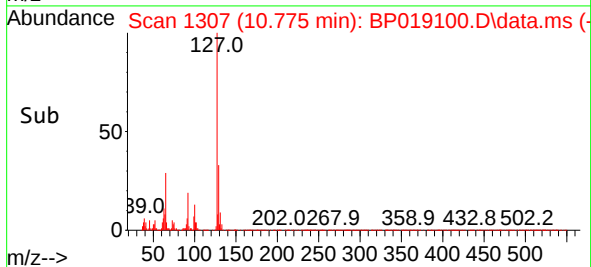
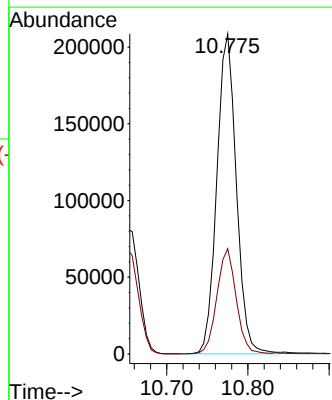
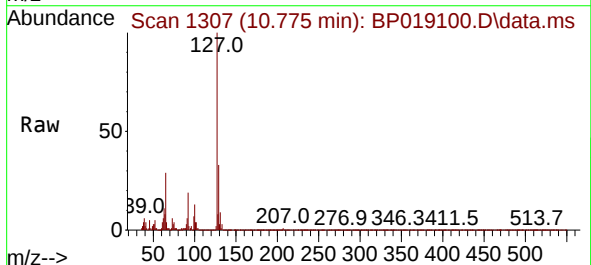
Instrument :
BNA_P
ClientSampleId :
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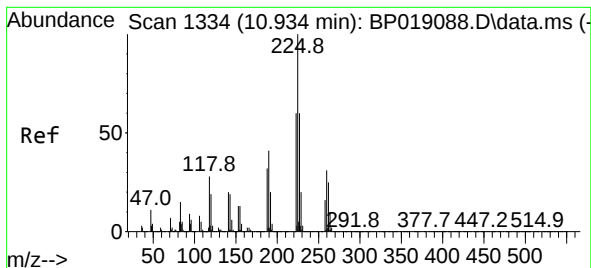
Tgt Ion:128 Resp: 1025336
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.2 10.5 15.7



#32
4-Chloroaniline
Concen: 29.402 ng/ul
RT: 10.775 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BP019100.D
Acq: 27 Dec 2023 01:08

Tgt Ion:127 Resp: 348129
Ion Ratio Lower Upper
127 100
129 32.9 25.6 38.4





#33

Hexachlorobutadiene

Concen: 39.381 ng/ul

RT: 10.934 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP019100.D

Acq: 27 Dec 2023 01:08

Instrument :

BNA_P

ClientSampleId :

SLCS028

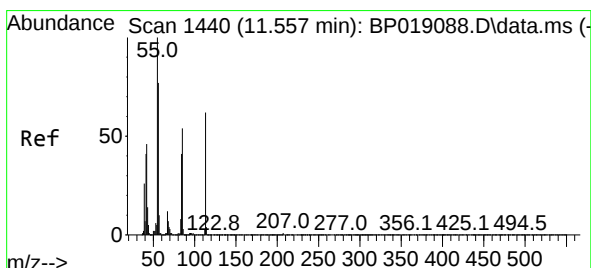
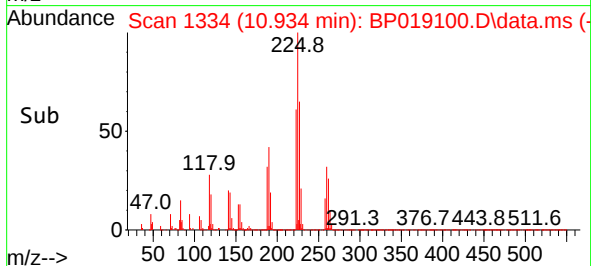
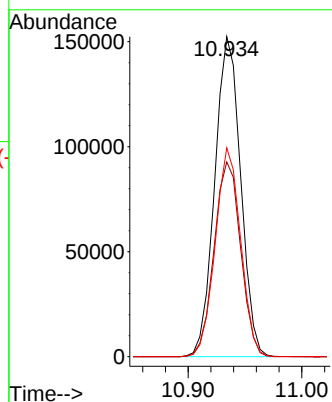
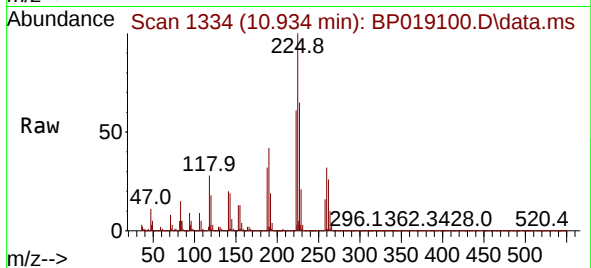
Tgt Ion:225 Resp: 241485

Ion Ratio Lower Upper

225 100

223 60.8 49.5 74.3

227 65.3 50.9 76.3



#34

Caprolactam

Concen: 31.538 ng/ul

RT: 11.557 min Scan# 1440

Delta R.T. -0.000 min

Lab File: BP019100.D

Acq: 27 Dec 2023 01:08

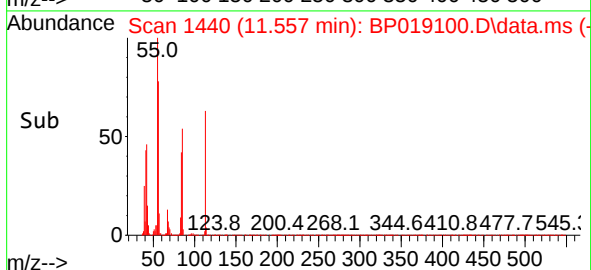
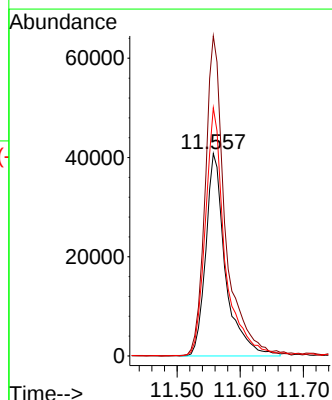
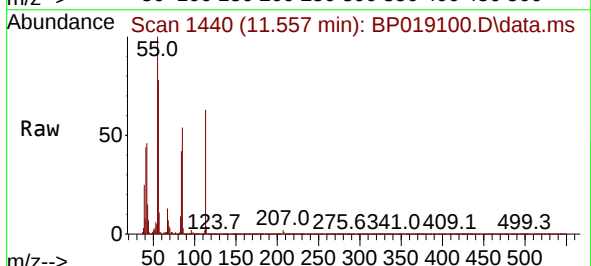
Tgt Ion:113 Resp: 88544

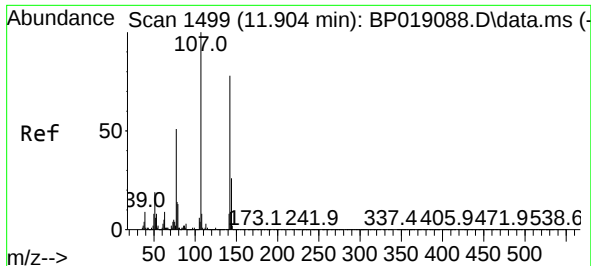
Ion Ratio Lower Upper

113 100

55 158.1 133.7 200.5

56 122.7 97.4 146.2

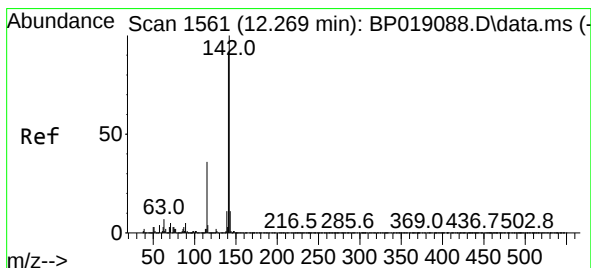
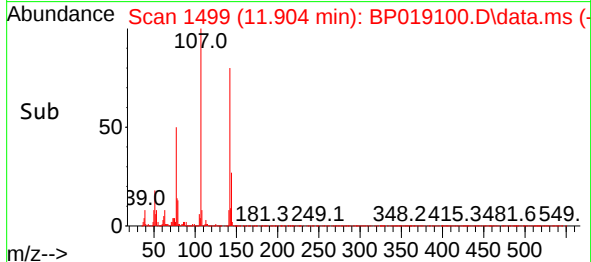
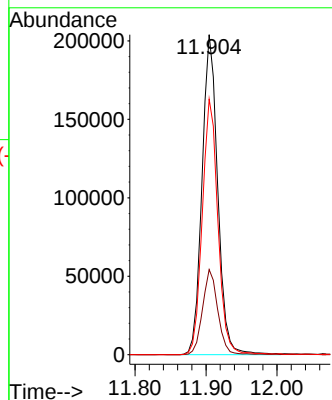
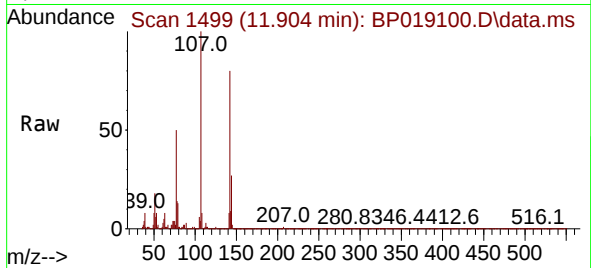




#35
4-Chloro-3-methylphenol
Concen: 30.669 ng/ul
RT: 11.904 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BP019100.D
Acq: 27 Dec 2023 01:08

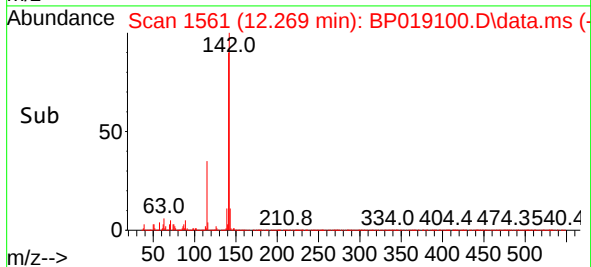
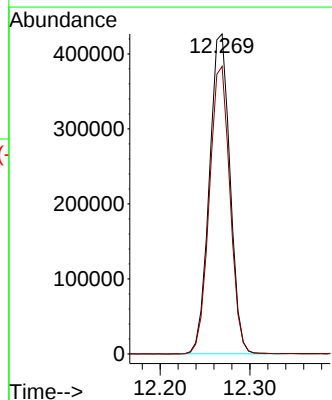
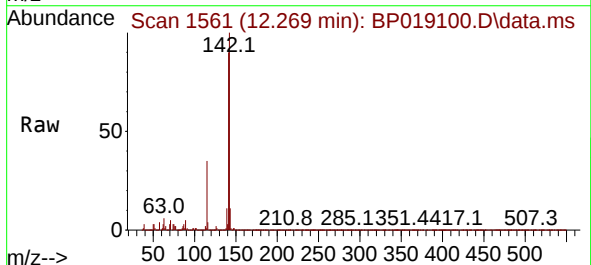
Instrument :
BNA_P
ClientSampleId :
SLCS028

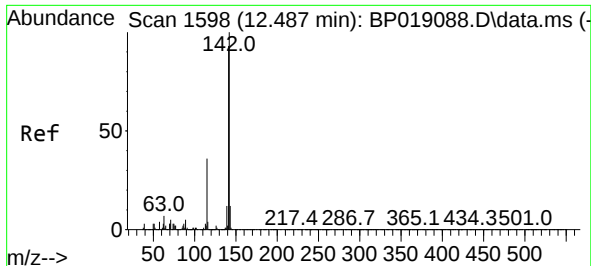
Tgt Ion:107 Resp: 314572
Ion Ratio Lower Upper
107 100
144 26.6 21.0 31.6
142 79.9 63.6 95.4



#36
2-Methylnaphthalene
Concen: 31.463 ng/ul
RT: 12.269 min Scan# 1561
Delta R.T. -0.000 min
Lab File: BP019100.D
Acq: 27 Dec 2023 01:08

Tgt Ion:142 Resp: 681218
Ion Ratio Lower Upper
142 100
141 89.8 71.4 107.0

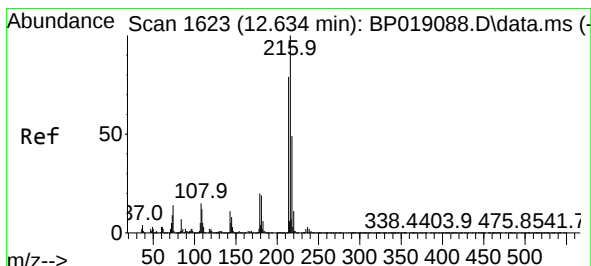
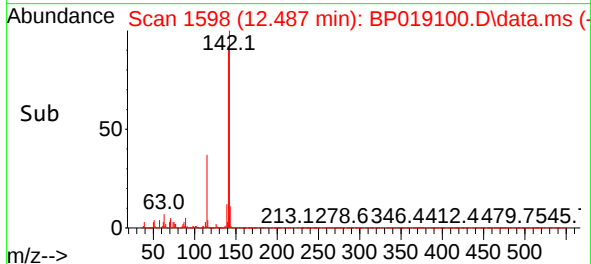
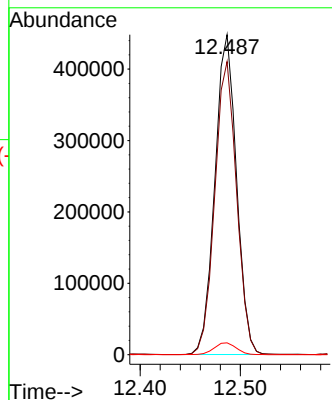
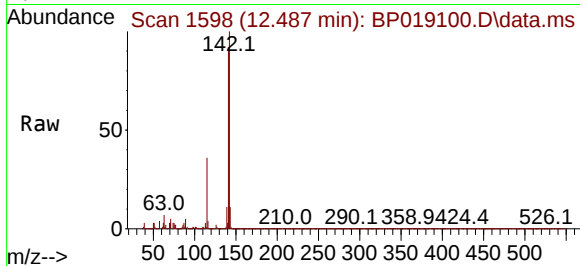




#37
1-Methylnaphthalene
Concen: 30.760 ng/ul
RT: 12.487 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BP019100.D
Acq: 27 Dec 2023 01:08

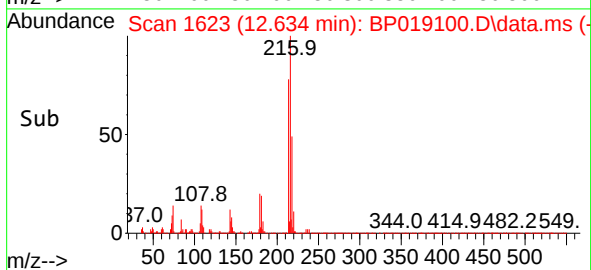
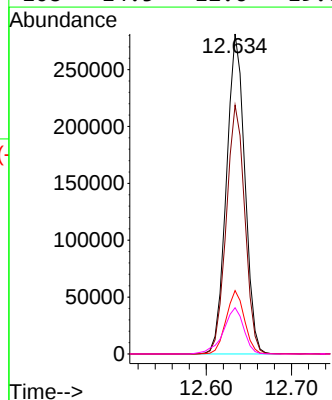
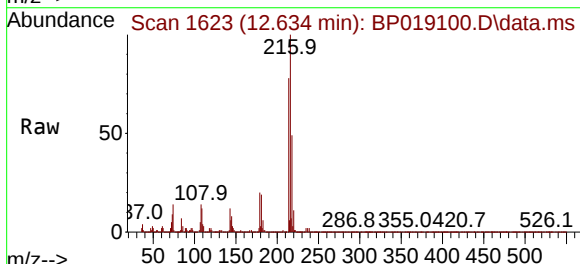
Instrument :
BNA_P
ClientSampleId :
SLCS028

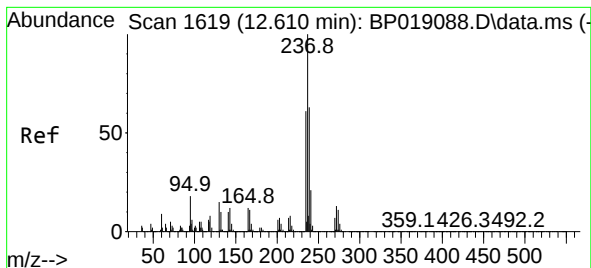
Tgt Ion:142 Resp: 672579
Ion Ratio Lower Upper
142 100
141 91.6 73.5 110.3
116 3.7 2.8 4.2



#39
1,2,4,5-Tetrachlorobenzene
Concen: 38.223 ng/ul
RT: 12.634 min Scan# 1623
Delta R.T. -0.000 min
Lab File: BP019100.D
Acq: 27 Dec 2023 01:08

Tgt Ion:216 Resp: 422215
Ion Ratio Lower Upper
216 100
214 77.8 63.9 95.9
179 19.8 16.3 24.5
108 14.5 12.6 19.0





#40

Hexachlorocyclopentadiene

Concen: 33.696 ng/ul

RT: 12.610 min Scan# 1619

Delta R.T. -0.000 min

Lab File: BP019100.D

Acq: 27 Dec 2023 01:08

Instrument :

BNA_P

ClientSampleId :

SLCS028

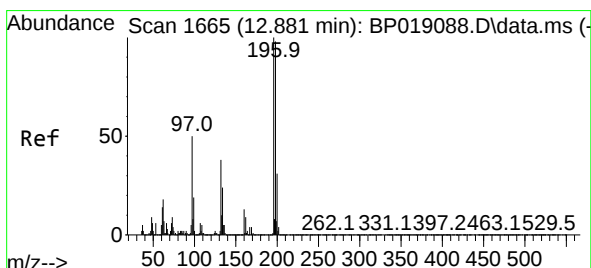
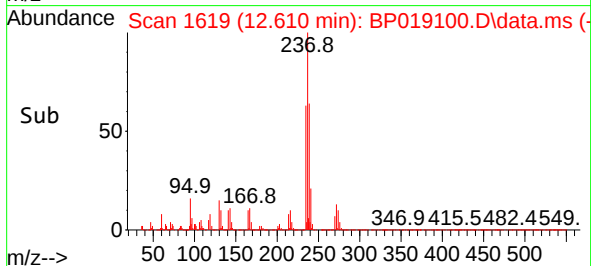
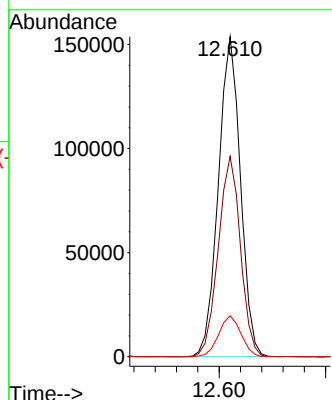
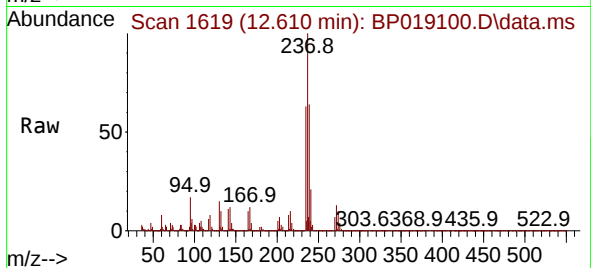
Tgt Ion:237 Resp: 220617

Ion Ratio Lower Upper

237 100

235 62.6 49.4 74.0

272 12.8 9.8 14.8



#41

2,4,6-Trichlorophenol

Concen: 35.942 ng/ul

RT: 12.881 min Scan# 1665

Delta R.T. -0.000 min

Lab File: BP019100.D

Acq: 27 Dec 2023 01:08

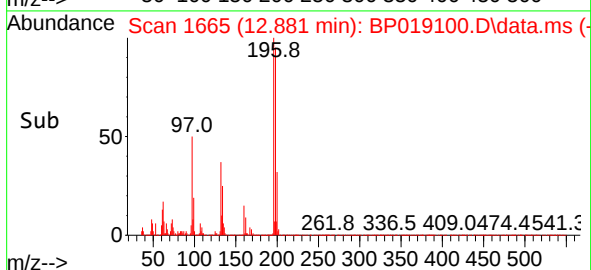
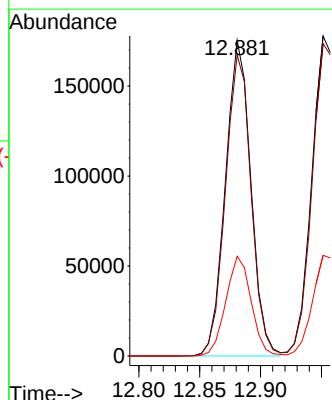
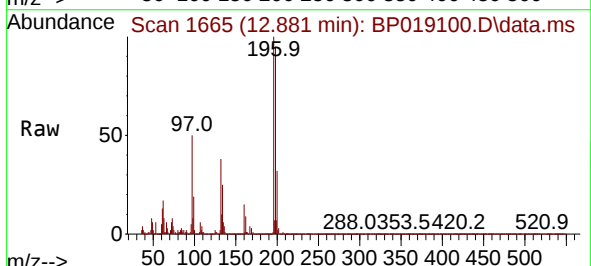
Tgt Ion:196 Resp: 255396

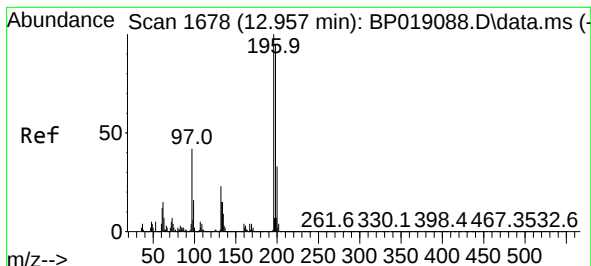
Ion Ratio Lower Upper

196 100

198 95.4 76.9 115.3

200 31.6 25.0 37.6





#42

2,4,5-Trichlorophenol

Concen: 36.221 ng/ul

RT: 12.951 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019100.D

Acq: 27 Dec 2023 01:08

Instrument :

BNA_P

ClientSampleId :

SLCS028

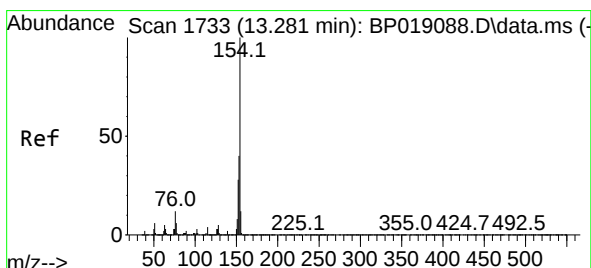
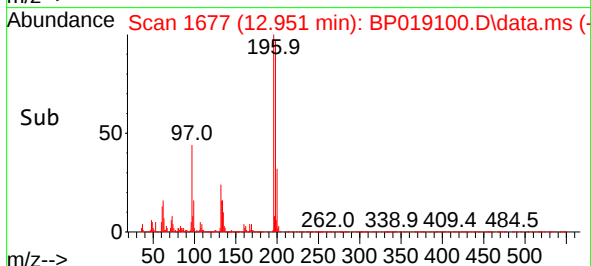
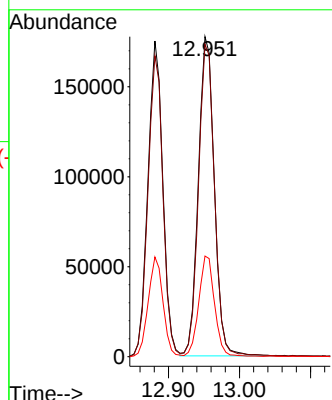
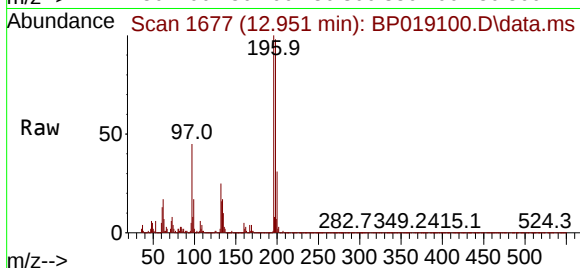
Tgt Ion:196 Resp: 279032

Ion Ratio Lower Upper

196 100

198 97.6 77.9 116.9

200 31.4 25.2 37.8



#43

1,1'-Biphenyl

Concen: 34.119 ng/ul

RT: 13.281 min Scan# 1733

Delta R.T. -0.000 min

Lab File: BP019100.D

Acq: 27 Dec 2023 01:08

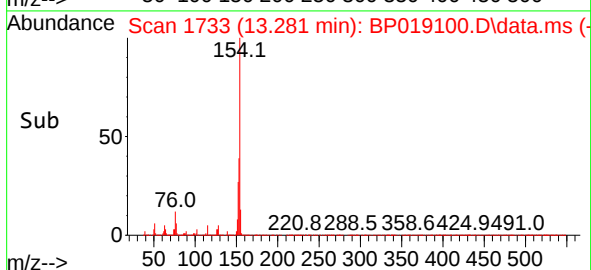
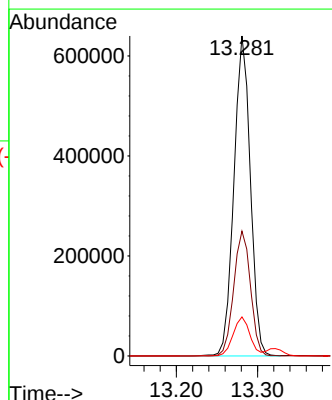
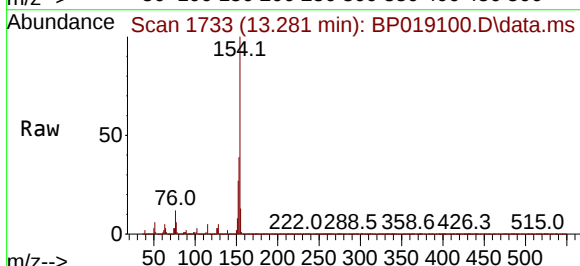
Tgt Ion:154 Resp: 898402

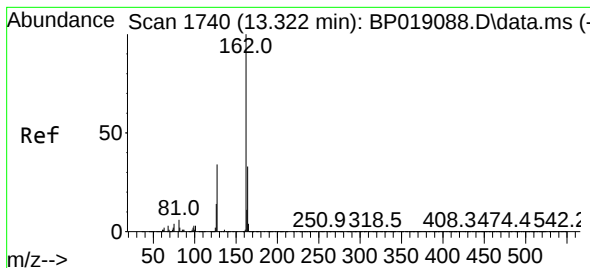
Ion Ratio Lower Upper

154 100

153 39.0 32.8 49.2

76 12.2 10.7 16.1





#44

2-Chloronaphthalene

Concen: 34.970 ng/ul

RT: 13.322 min Scan# 1740

Delta R.T. -0.000 min

Lab File: BP019100.D

Acq: 27 Dec 2023 01:08

Instrument :

BNA_P

ClientSampleId :

SLCS028

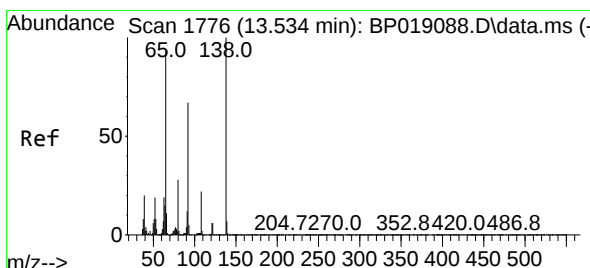
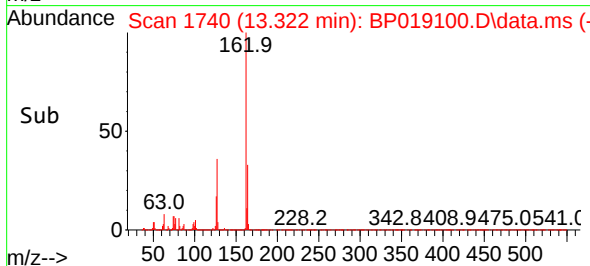
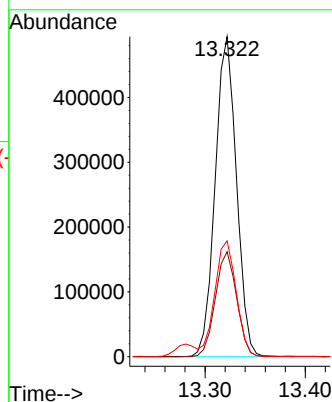
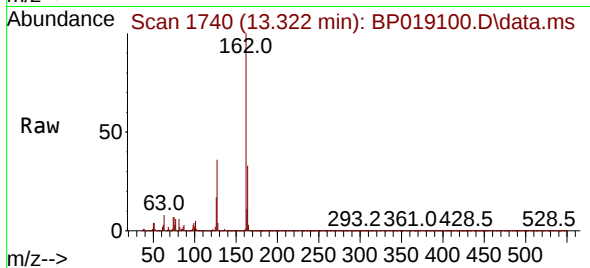
Tgt Ion:162 Resp: 727260

Ion Ratio Lower Upper

162 100

164 32.8 25.7 38.5

127 36.2 30.3 45.5



#45

2-Nitroaniline

Concen: 33.028 ng/ul

RT: 13.534 min Scan# 1776

Delta R.T. -0.000 min

Lab File: BP019100.D

Acq: 27 Dec 2023 01:08

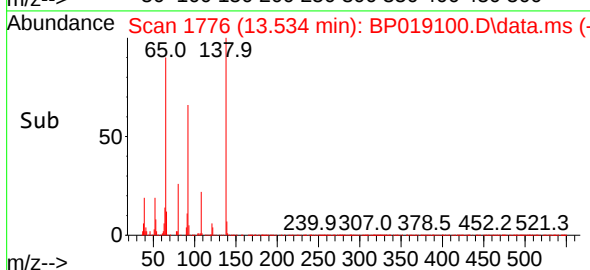
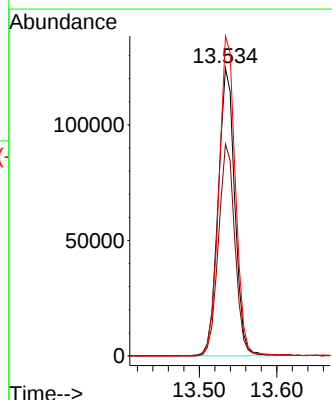
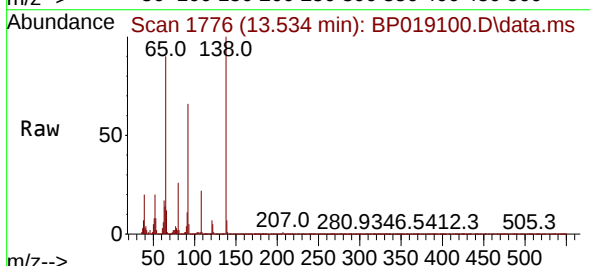
Tgt Ion: 65 Resp: 186204

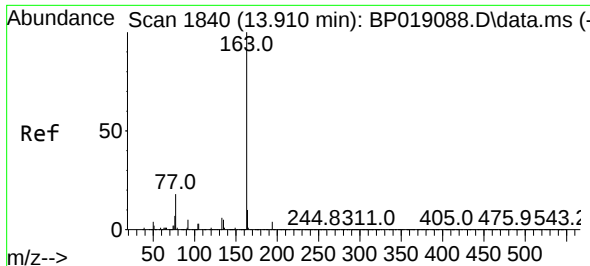
Ion Ratio Lower Upper

65 100

92 73.6 56.9 85.3

138 111.2 88.2 132.2

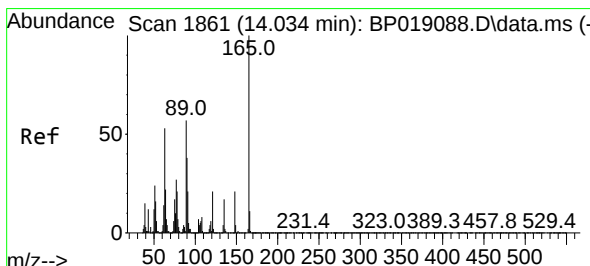
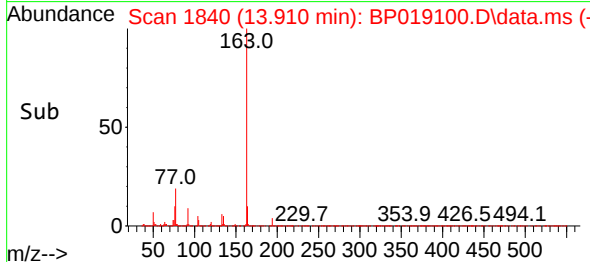
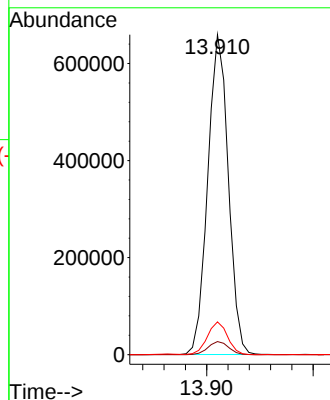
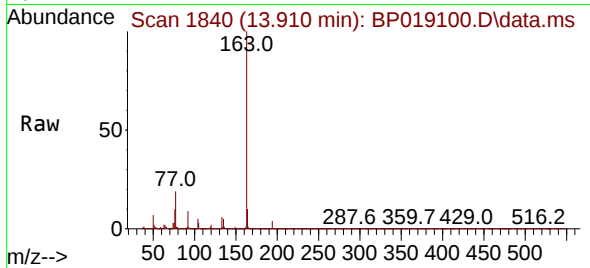




#47
Dimethylphthalate
Concen: 33.026 ng/ul
RT: 13.910 min Scan# 1840
Delta R.T. -0.000 min
Lab File: BP019100.D
Acq: 27 Dec 2023 01:08

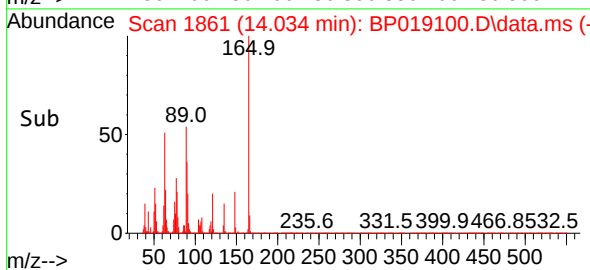
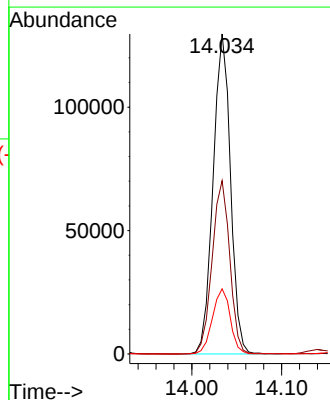
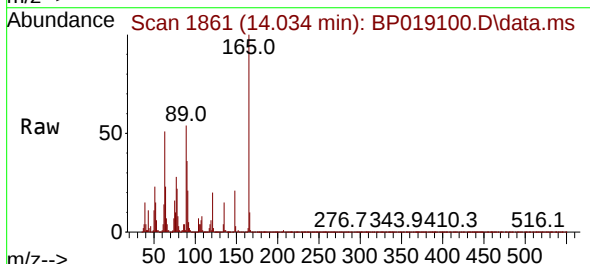
Instrument :
BNA_P
ClientSampleId :
SLCS028

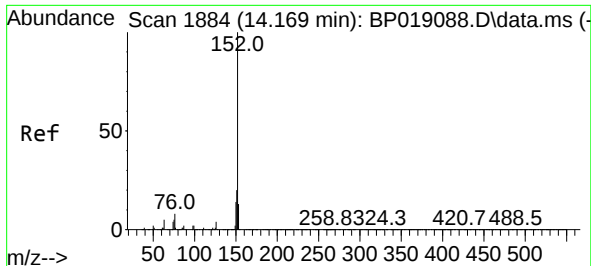
Tgt Ion:163 Resp: 883385
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.3 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 34.502 ng/ul
RT: 14.034 min Scan# 1861
Delta R.T. -0.000 min
Lab File: BP019100.D
Acq: 27 Dec 2023 01:08

Tgt Ion:165 Resp: 174353
Ion Ratio Lower Upper
165 100
89 54.1 46.6 70.0
121 20.3 17.3 25.9

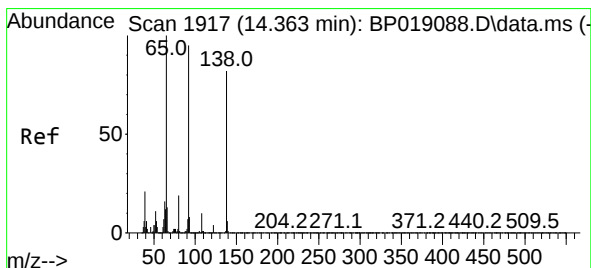
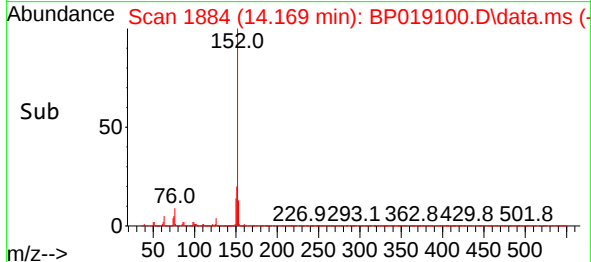
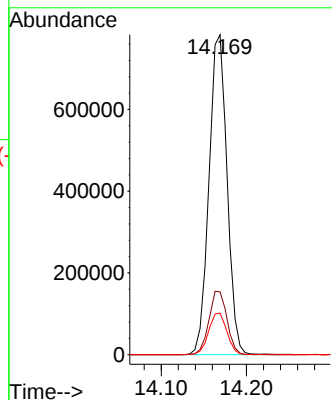
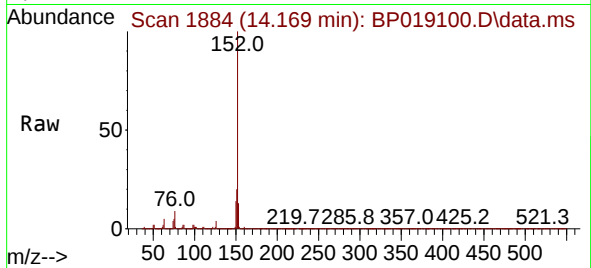




#50
Acenaphthylene
Concen: 34.340 ng/ul
RT: 14.169 min Scan# 1884
Delta R.T. -0.000 min
Lab File: BP019100.D
Acq: 27 Dec 2023 01:08

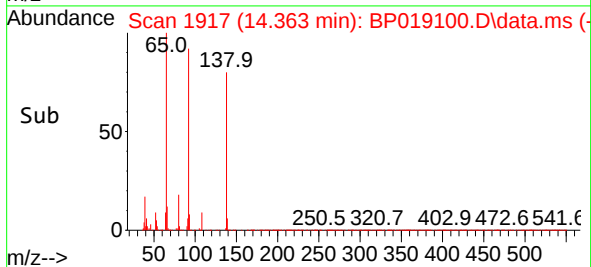
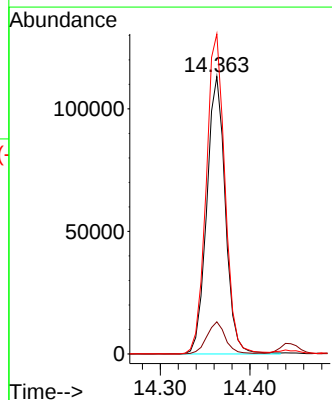
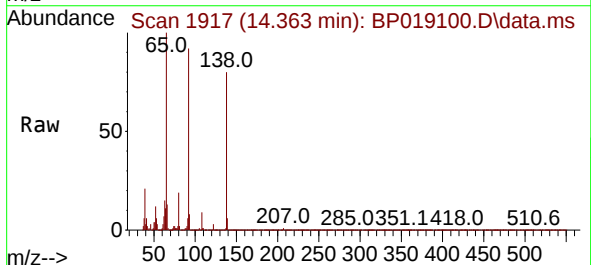
Instrument :
BNA_P
ClientSampleId :
SLCS028

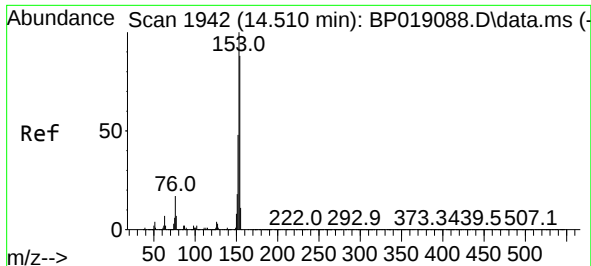
Tgt Ion:152 Resp: 1155237
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.0 10.6 16.0



#51
3-Nitroaniline
Concen: 32.292 ng/ul
RT: 14.363 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BP019100.D
Acq: 27 Dec 2023 01:08

Tgt Ion:138 Resp: 162902
Ion Ratio Lower Upper
138 100
108 11.6 9.5 14.3
92 115.3 93.1 139.7

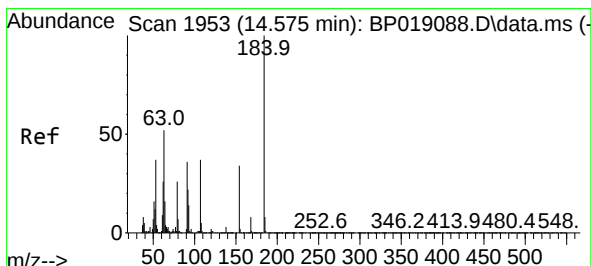
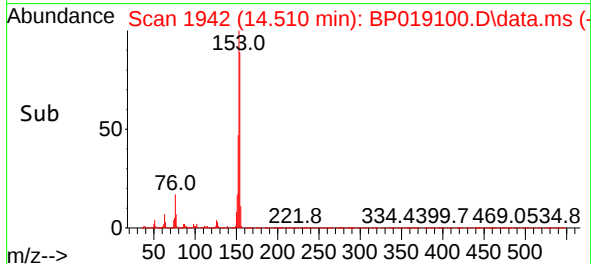
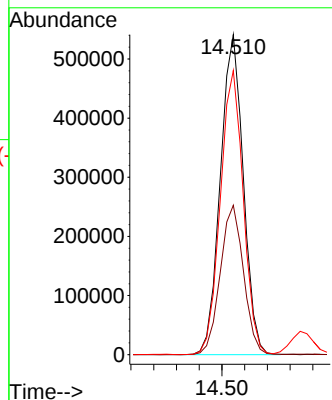
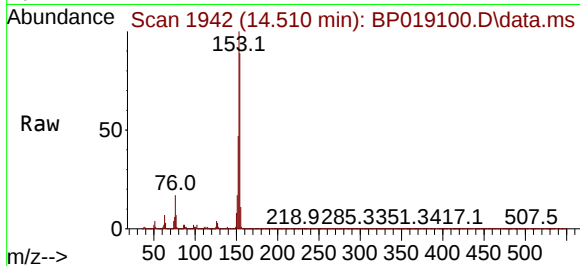




#52
Acenaphthene
Concen: 34.111 ng/ul
RT: 14.510 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BP019100.D
Acq: 27 Dec 2023 01:08

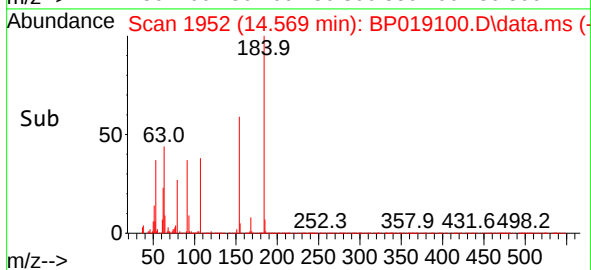
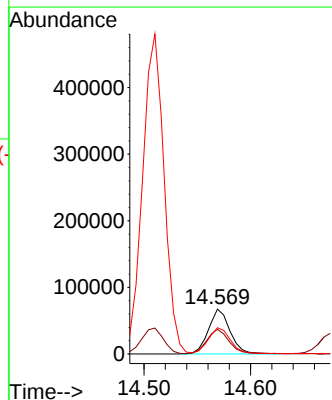
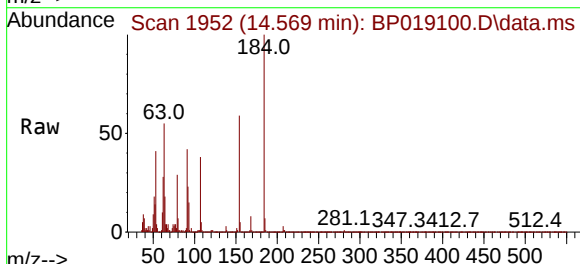
Instrument :
BNA_P
ClientSampleId :
SLCS028

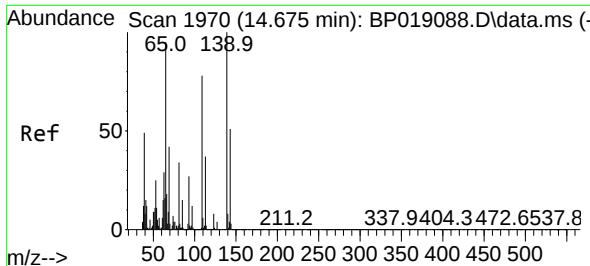
Tgt Ion:153 Resp: 758729
Ion Ratio Lower Upper
153 100
152 46.7 38.1 57.1
154 88.8 71.7 107.5



#53
2,4-Dinitrophenol
Concen: 35.200 ng/ul
RT: 14.569 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BP019100.D
Acq: 27 Dec 2023 01:08

Tgt Ion:184 Resp: 94275
Ion Ratio Lower Upper
184 100
63 55.0 48.2 72.4
154 58.7 49.1 73.7

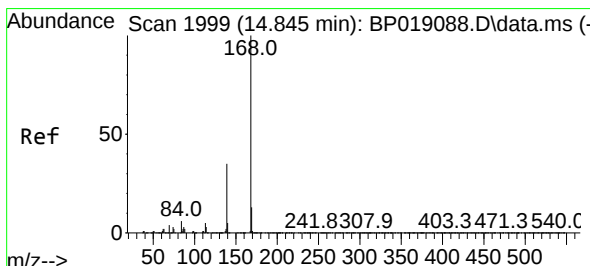
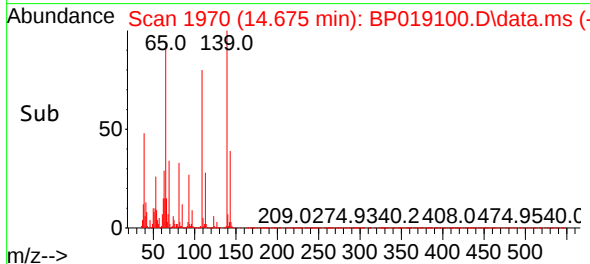
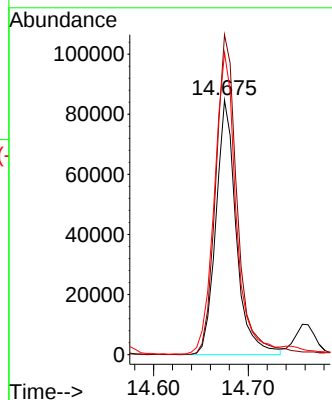
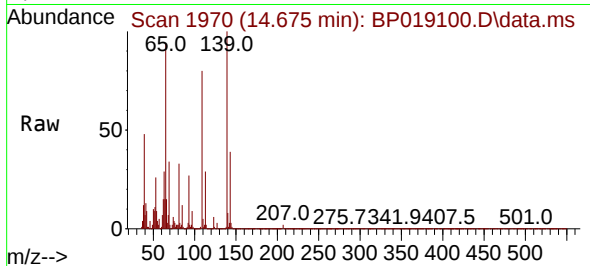




#55
4-Nitrophenol
Concen: 37.560 ng/ul
RT: 14.675 min Scan# 1970
Delta R.T. -0.000 min
Lab File: BP019100.D
Acq: 27 Dec 2023 01:08

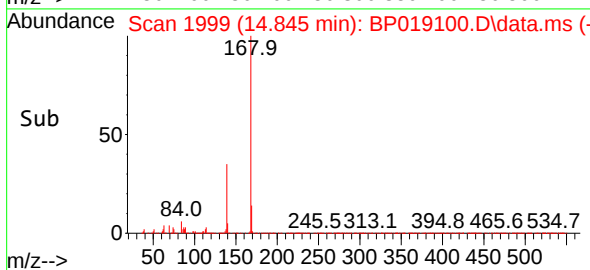
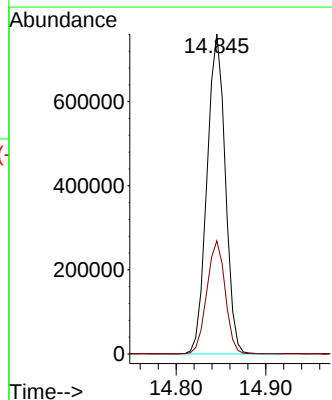
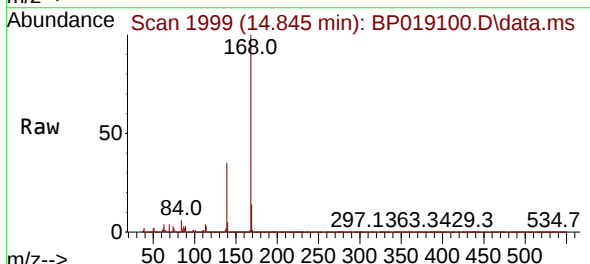
Instrument :
BNA_P
ClientSampleId :
SLCS028

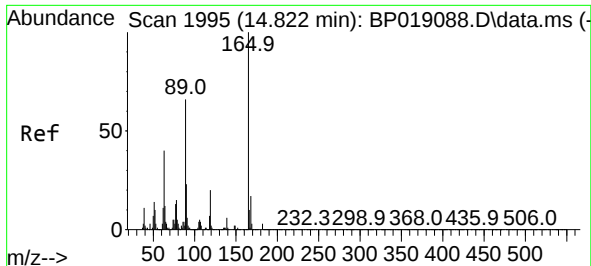
Tgt Ion:109 Resp: 126570
Ion Ratio Lower Upper
109 100
139 125.7 109.0 163.4
65 118.7 106.2 159.4



#56
Dibenzofuran
Concen: 34.801 ng/ul
RT: 14.845 min Scan# 1999
Delta R.T. -0.000 min
Lab File: BP019100.D
Acq: 27 Dec 2023 01:08

Tgt Ion:168 Resp: 1075835
Ion Ratio Lower Upper
168 100
139 35.4 29.1 43.7

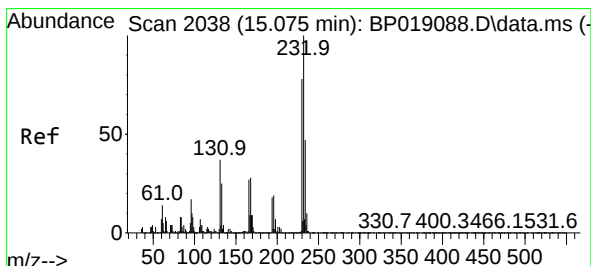
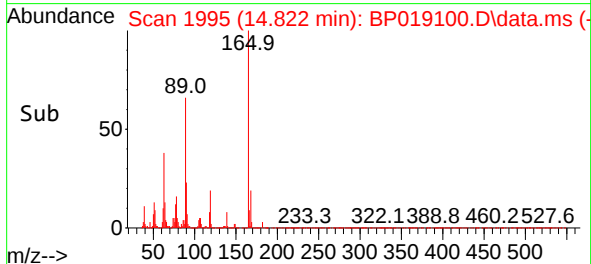
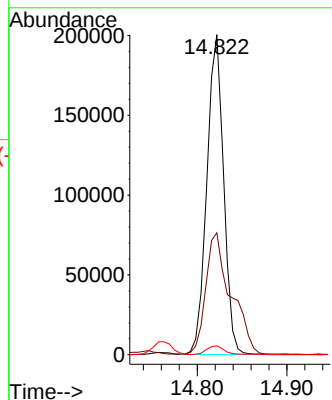
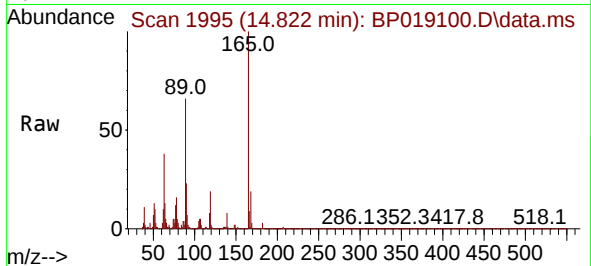




#57
2,4-Dinitrotoluene
Concen: 36.615 ng/ul
RT: 14.822 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BP019100.D
Acq: 27 Dec 2023 01:08

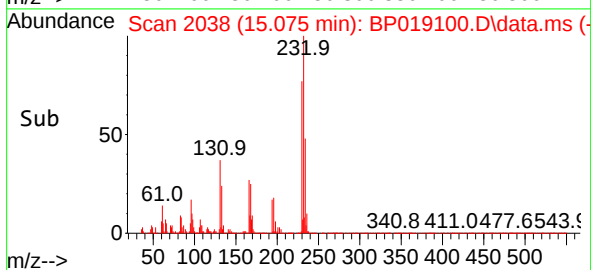
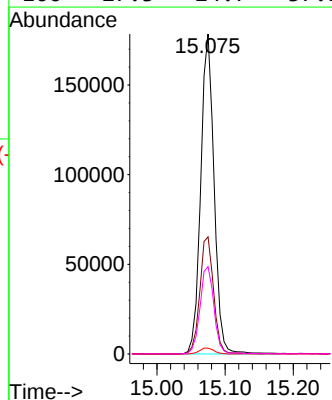
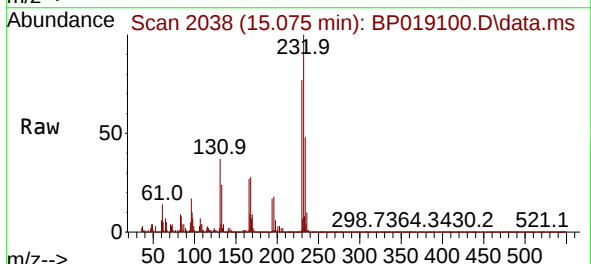
Instrument :
BNA_P
ClientSampleId :
SLCS028

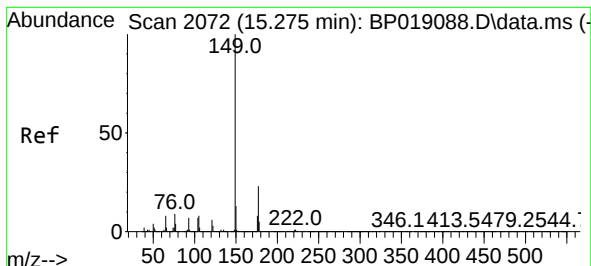
Tgt Ion:165 Resp: 260276
Ion Ratio Lower Upper
165 100
63 38.1 32.7 49.1
182 2.8 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 37.658 ng/ul
RT: 15.075 min Scan# 2038
Delta R.T. -0.000 min
Lab File: BP019100.D
Acq: 27 Dec 2023 01:08

Tgt Ion:232 Resp: 243344
Ion Ratio Lower Upper
232 100
131 36.6 33.8 50.8
130 1.8 1.8 2.8#
166 27.3 24.7 37.1





#59

Diethylphthalate

Concen: 32.371 ng/ul

RT: 15.275 min Scan# 2109

Delta R.T. -0.000 min

Lab File: BP019100.D

Acq: 27 Dec 2023 01:08

Instrument :

BNA_P

ClientSampleId :

SLCS028

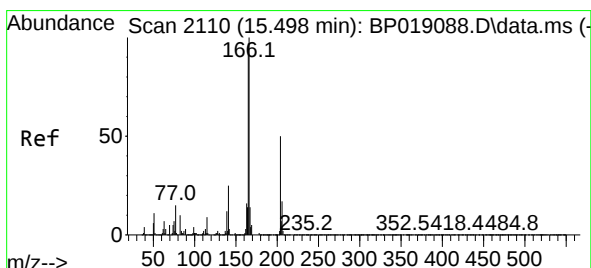
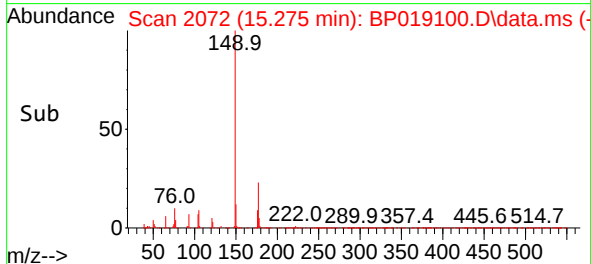
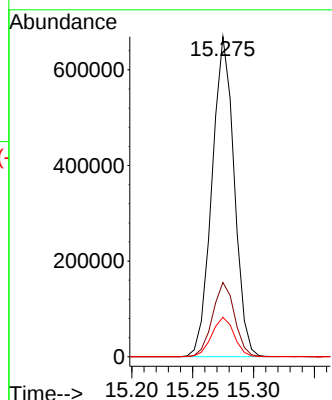
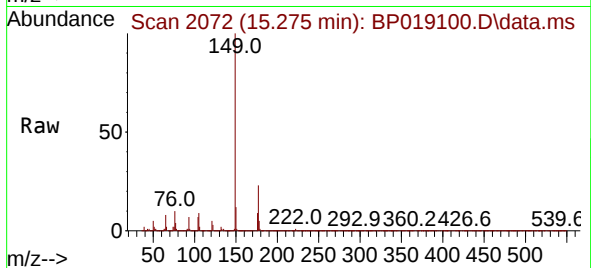
Tgt Ion:149 Resp: 847288

Ion Ratio Lower Upper

149 100

177 23.2 18.2 27.4

150 12.3 9.9 14.9



#61

Fluorene

Concen: 35.377 ng/ul

RT: 15.492 min Scan# 2109

Delta R.T. -0.006 min

Lab File: BP019100.D

Acq: 27 Dec 2023 01:08

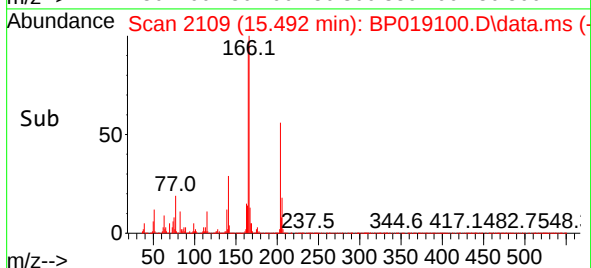
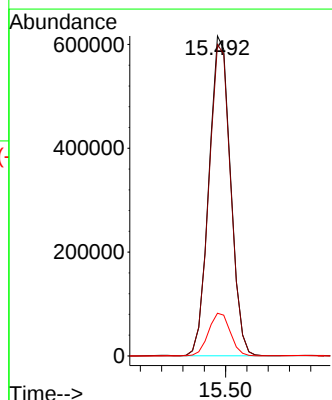
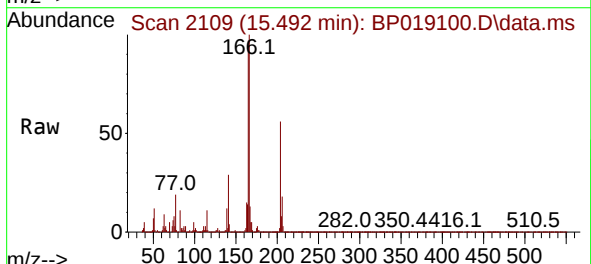
Tgt Ion:166 Resp: 865368

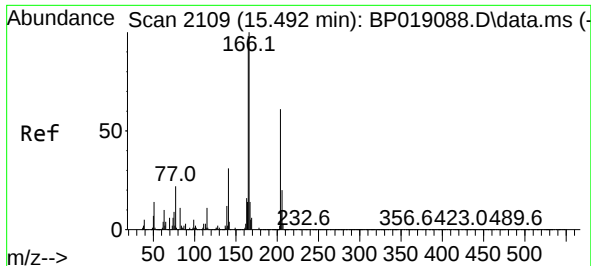
Ion Ratio Lower Upper

166 100

165 97.4 78.0 117.0

167 13.4 10.8 16.2

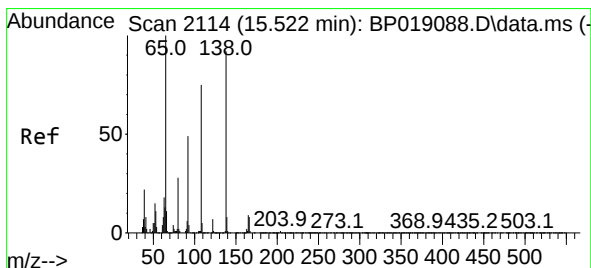
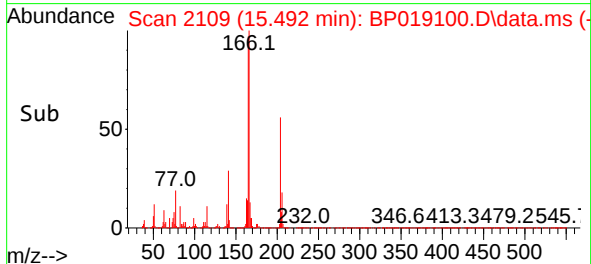
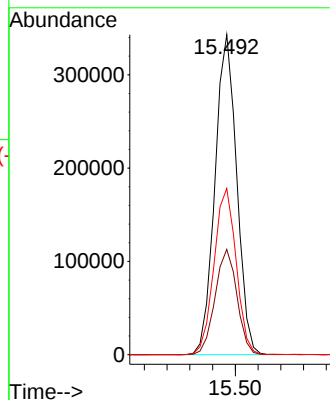
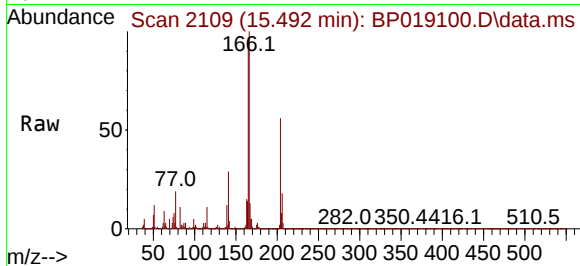




#62
4-Chlorophenyl-phenylether
Concen: 35.553 ng/ul
RT: 15.492 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BP019100.D
Acq: 27 Dec 2023 01:08

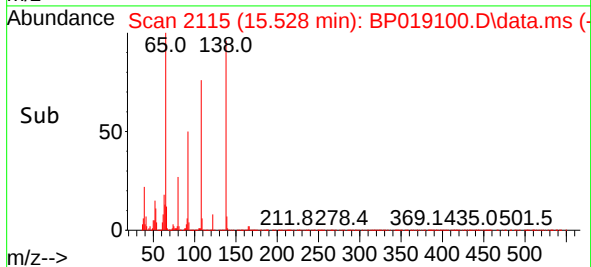
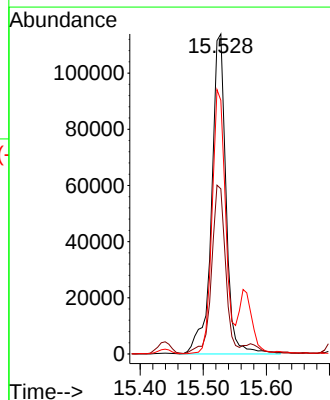
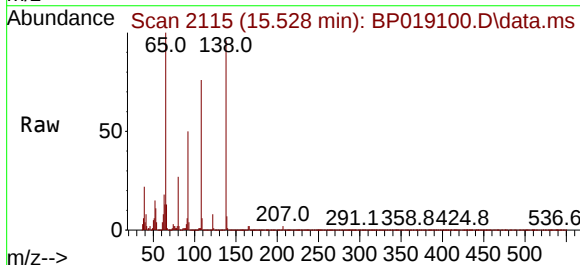
Instrument :
BNA_P
ClientSampleId :
SLCS028

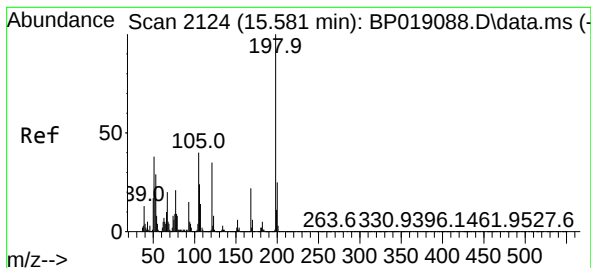
Tgt Ion:204 Resp: 456113
Ion Ratio Lower Upper
204 100
206 32.9 27.1 40.7
141 52.0 45.8 68.8



#63
4-Nitroaniline
Concen: 37.802 ng/ul
RT: 15.528 min Scan# 2115
Delta R.T. 0.006 min
Lab File: BP019100.D
Acq: 27 Dec 2023 01:08

Tgt Ion:138 Resp: 181666
Ion Ratio Lower Upper
138 100
92 51.6 42.3 63.5
108 79.3 62.0 93.0

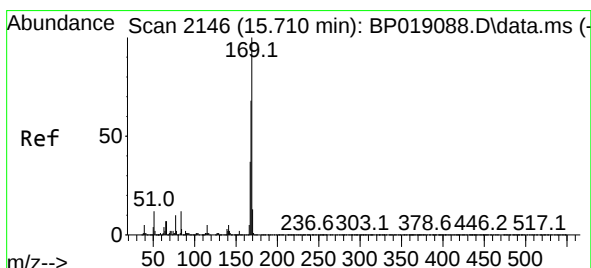
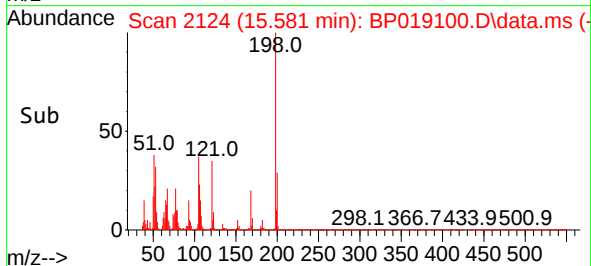
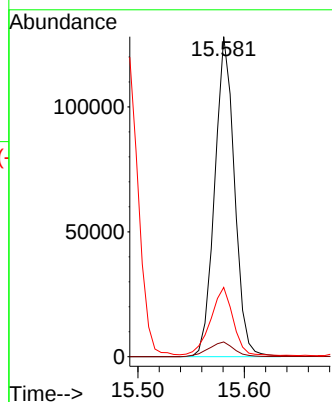
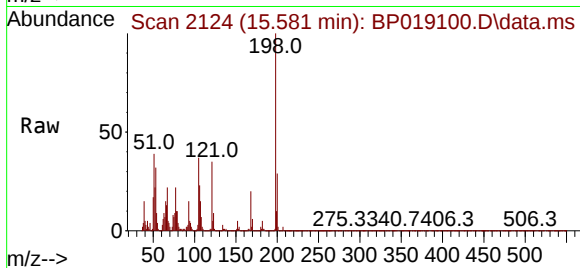




#66
4,6-Dinitro-2-methylphenol
Concen: 37.637 ng/ul
RT: 15.581 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BP019100.D
Acq: 27 Dec 2023 01:08

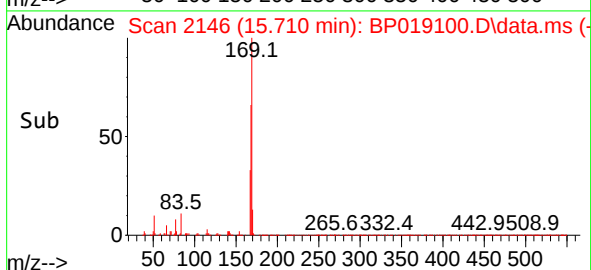
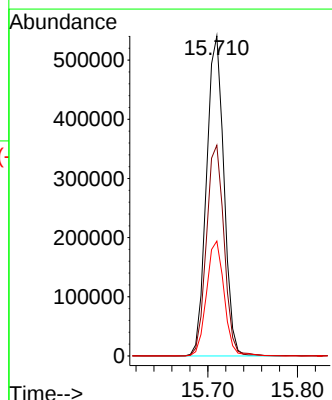
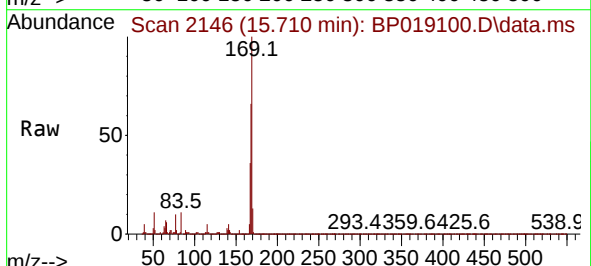
Instrument :
BNA_P
ClientSampleId :
SLCS028

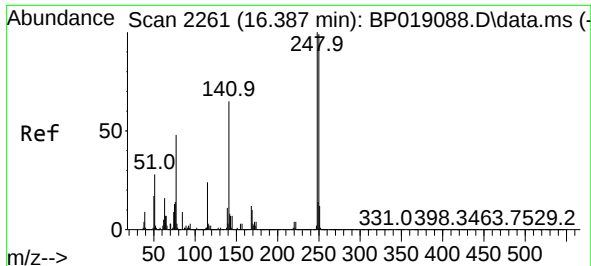
Tgt Ion:198 Resp: 164881
Ion Ratio Lower Upper
198 100
182 4.6 3.4 5.2
77 21.7 20.6 30.8



#67
N-Nitrosodiphenylamine
Concen: 32.121 ng/ul
RT: 15.710 min Scan# 2146
Delta R.T. -0.000 min
Lab File: BP019100.D
Acq: 27 Dec 2023 01:08

Tgt Ion:169 Resp: 727376
Ion Ratio Lower Upper
169 100
168 65.9 53.1 79.7
167 35.9 29.1 43.7

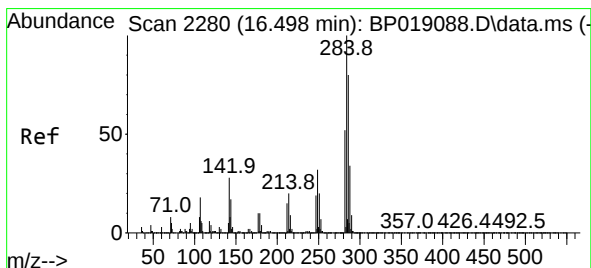
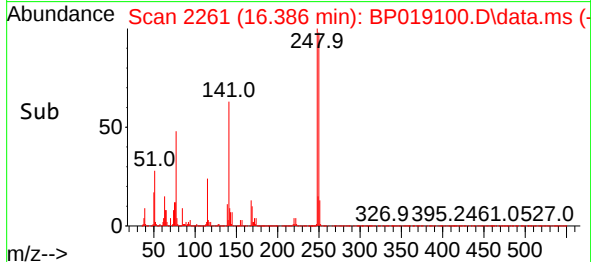
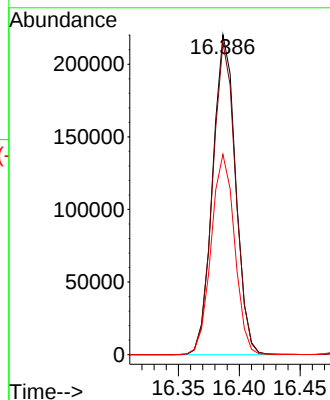
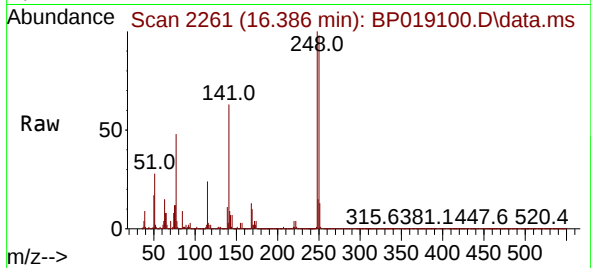




#68
4-Bromophenyl-phenylether
Concen: 33.471 ng/ul
RT: 16.386 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP019100.D
Acq: 27 Dec 2023 01:08

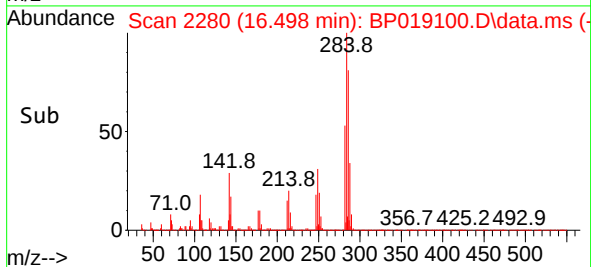
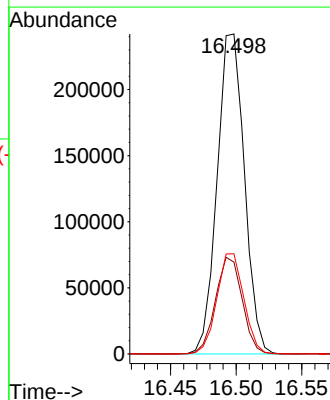
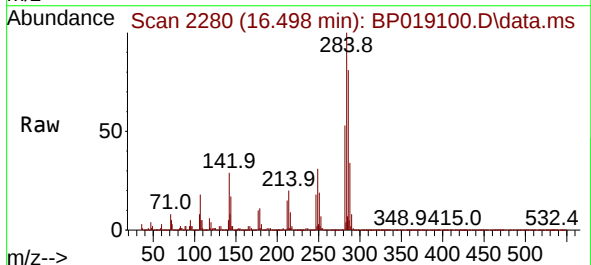
Instrument :
BNA_P
ClientSampleId :
SLCS028

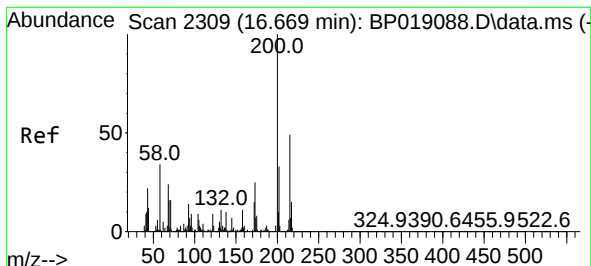
Tgt Ion:248 Resp: 288768
Ion Ratio Lower Upper
248 100
250 97.6 79.3 118.9
141 62.6 57.2 85.8



#69
Hexachlorobenzene
Concen: 36.380 ng/ul
RT: 16.498 min Scan# 2280
Delta R.T. -0.000 min
Lab File: BP019100.D
Acq: 27 Dec 2023 01:08

Tgt Ion:284 Resp: 350421
Ion Ratio Lower Upper
284 100
142 28.7 25.8 38.6
249 31.3 24.9 37.3





#70

Atrazine

Concen: 38.552 ng/ul

RT: 16.669 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP019100.D

Acq: 27 Dec 2023 01:08

Instrument :

BNA_P

ClientSampleId :

SLCS028

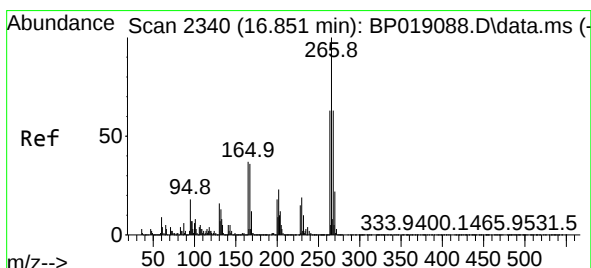
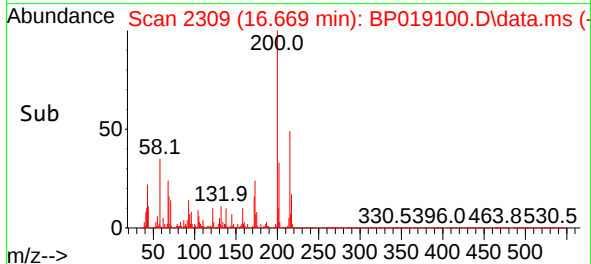
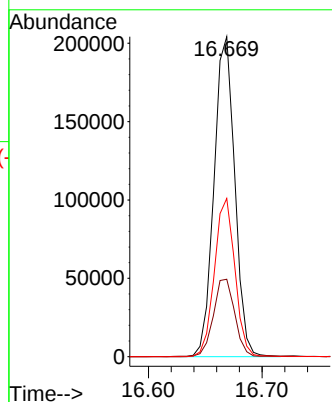
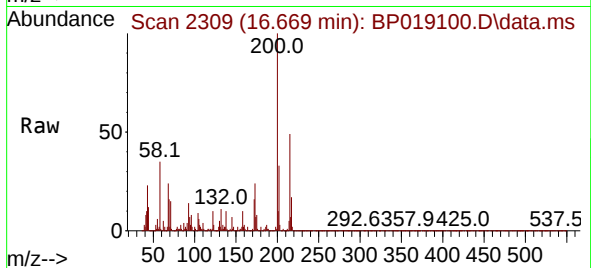
Tgt Ion:200 Resp: 259551

Ion Ratio Lower Upper

200 100

173 24.2 21.0 31.4

215 49.4 38.2 57.2



#71

Pentachlorophenol

Concen: 36.820 ng/ul

RT: 16.845 min Scan# 2339

Delta R.T. -0.006 min

Lab File: BP019100.D

Acq: 27 Dec 2023 01:08

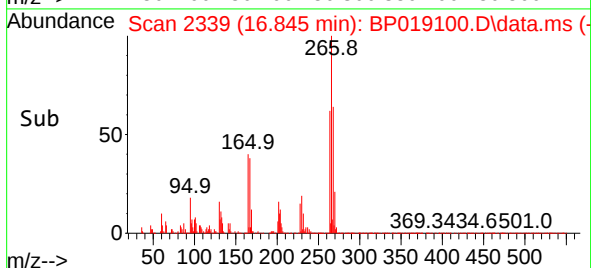
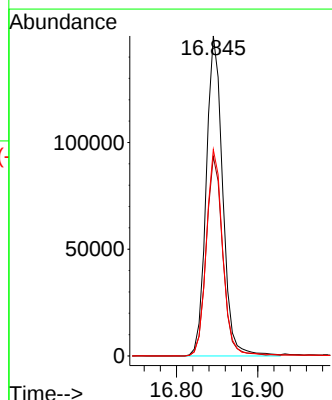
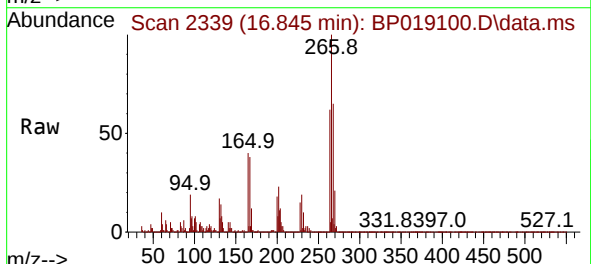
Tgt Ion:266 Resp: 210933

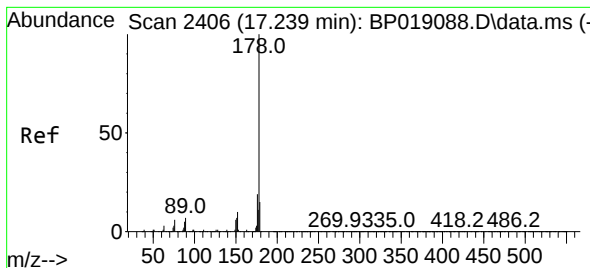
Ion Ratio Lower Upper

266 100

264 62.3 50.2 75.2

268 64.5 50.5 75.7





#72

Phenanthrene

Concen: 34.250 ng/ul

RT: 17.239 min Scan# 2406

Delta R.T. -0.000 min

Lab File: BP019100.D

Acq: 27 Dec 2023 01:08

Instrument :

BNA_P

ClientSampleId :

SLCS028

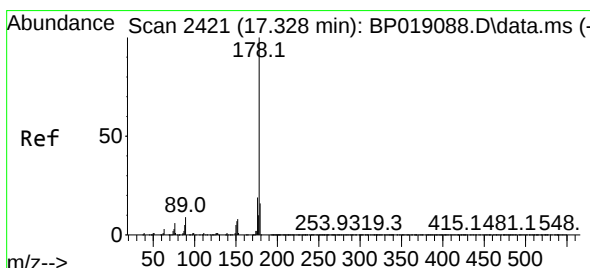
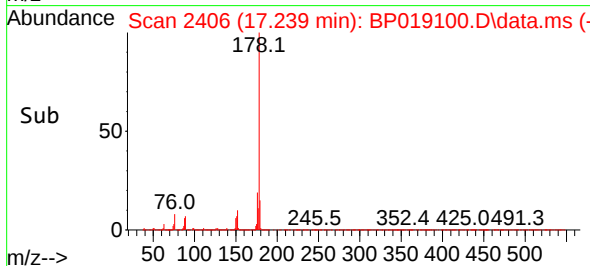
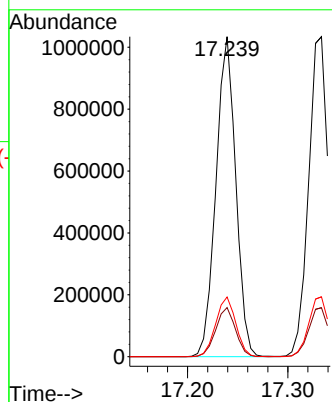
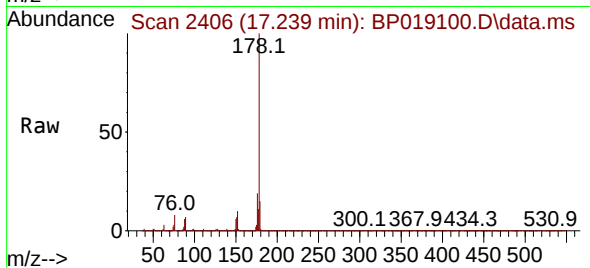
Tgt Ion:178 Resp: 1413612

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

176 18.7 15.4 23.2



#74

Anthracene

Concen: 34.641 ng/ul

RT: 17.334 min Scan# 2422

Delta R.T. 0.006 min

Lab File: BP019100.D

Acq: 27 Dec 2023 01:08

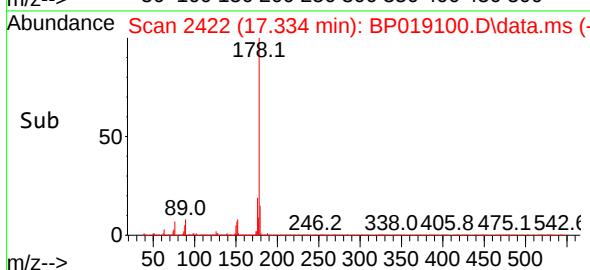
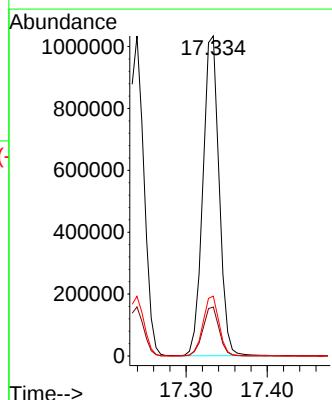
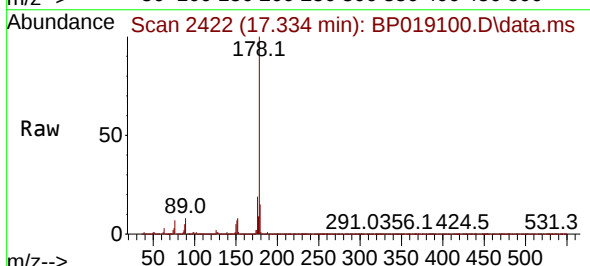
Tgt Ion:178 Resp: 1433134

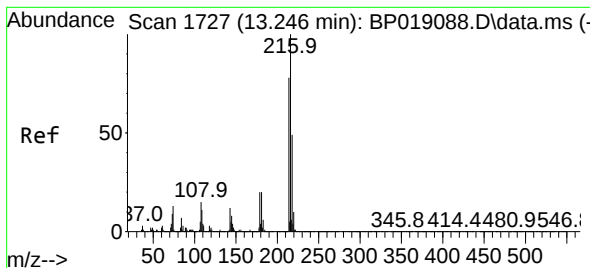
Ion Ratio Lower Upper

178 100

179 15.3 12.5 18.7

176 18.7 15.0 22.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 35.584 ng/uL

RT: 13.240 min Scan# 1727

Delta R.T. -0.006 min

Lab File: BP019100.D

Acq: 27 Dec 2023 01:08

Instrument :

BNA_P

ClientSampleId :

SLCS028

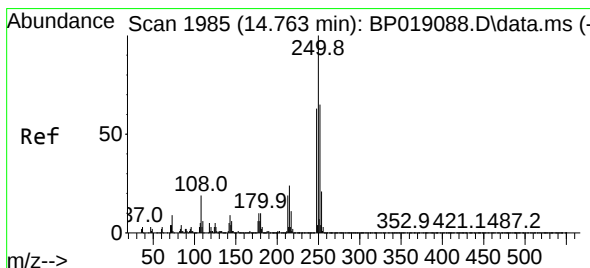
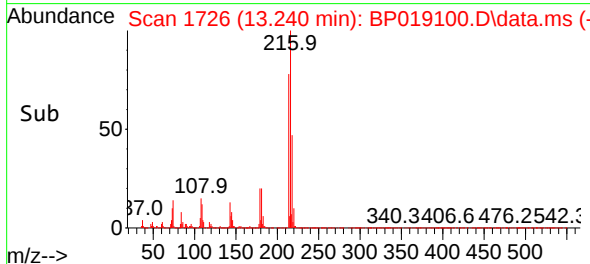
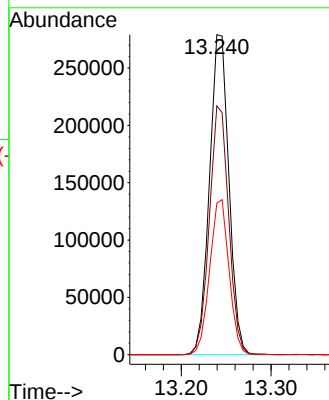
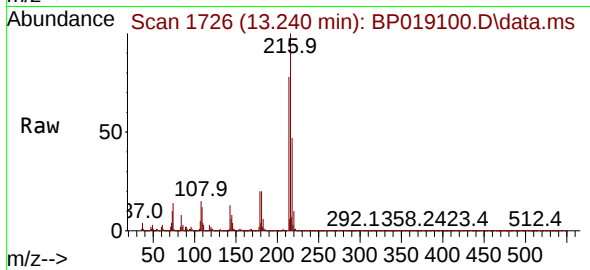
Tgt Ion:216 Resp: 420468

Ion Ratio Lower Upper

216 100

214 77.7 61.4 92.2

218 47.3 39.2 58.8



#76

Pentachlorobenzene

Concen: 35.060 ng/uL

RT: 14.763 min Scan# 1985

Delta R.T. -0.000 min

Lab File: BP019100.D

Acq: 27 Dec 2023 01:08

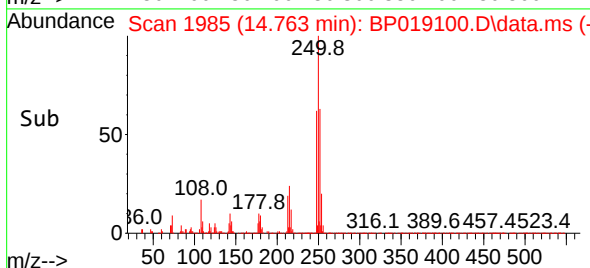
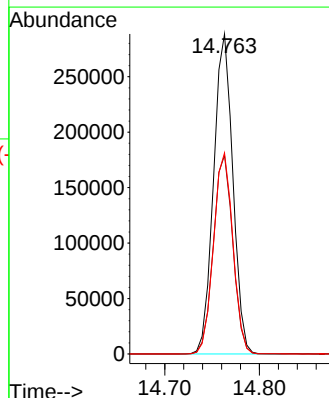
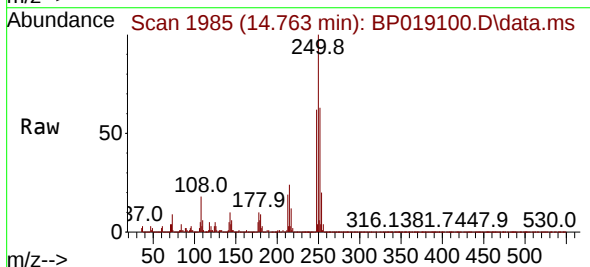
Tgt Ion:250 Resp: 406942

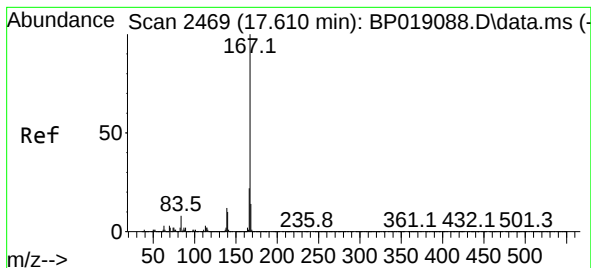
Ion Ratio Lower Upper

250 100

248 62.1 50.6 75.8

252 62.9 51.3 76.9





#77

Carbazole

Concen: 39.343 ng/ul

RT: 17.604 min Scan# 2468

Delta R.T. -0.006 min

Lab File: BP019100.D

Acq: 27 Dec 2023 01:08

Instrument :

BNA_P

ClientSampleId :

SLCS028

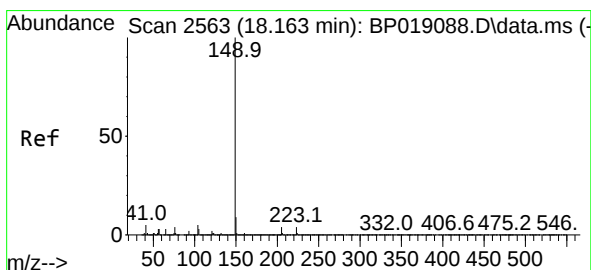
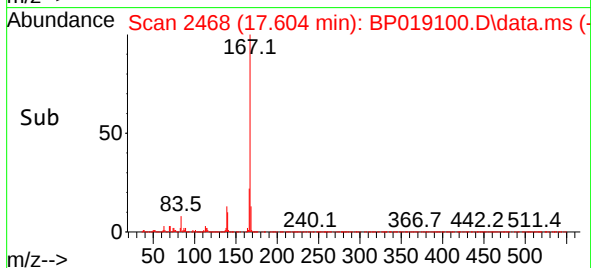
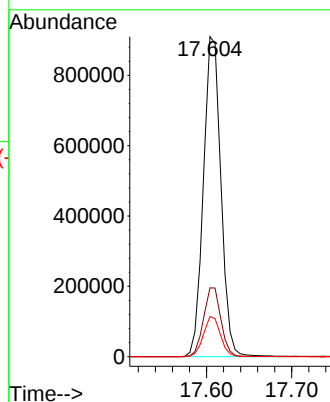
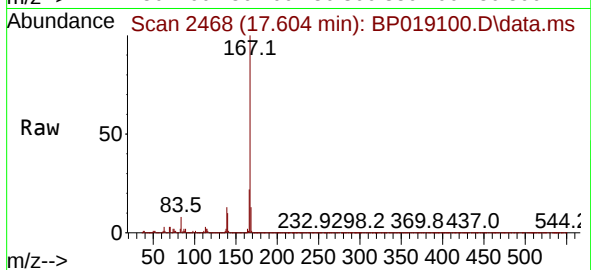
Tgt Ion:167 Resp: 1297224

Ion Ratio Lower Upper

167 100

166 21.5 17.1 25.7

139 12.6 10.2 15.4



#78

Di-n-butylphthalate

Concen: 31.468 ng/ul

RT: 18.163 min Scan# 2563

Delta R.T. -0.000 min

Lab File: BP019100.D

Acq: 27 Dec 2023 01:08

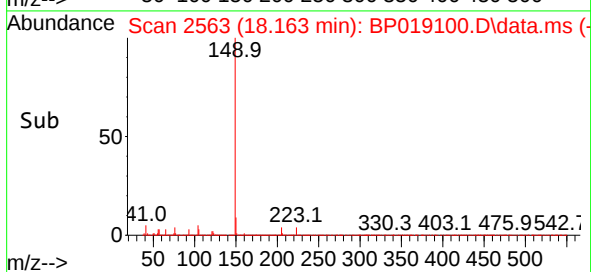
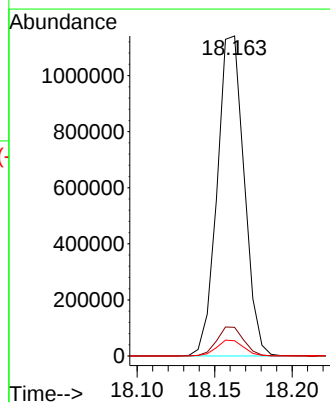
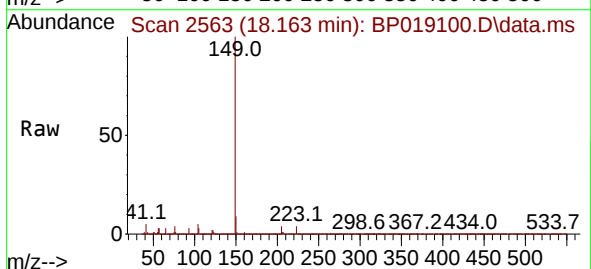
Tgt Ion:149 Resp: 1381574

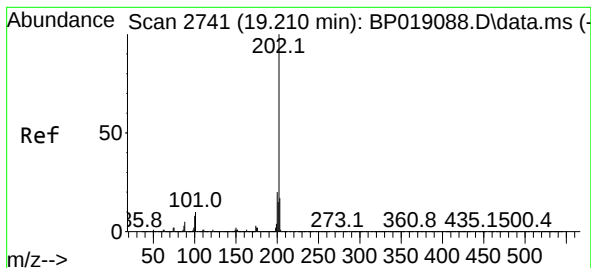
Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.2

104 4.8 3.9 5.9





#80

Fluoranthene

Concen: 26.088 ng/ul

RT: 19.210 min Scan# 2741

Delta R.T. -0.000 min

Lab File: BP019100.D

Acq: 27 Dec 2023 01:08

Instrument :

BNA_P

ClientSampleId :

SLCS028

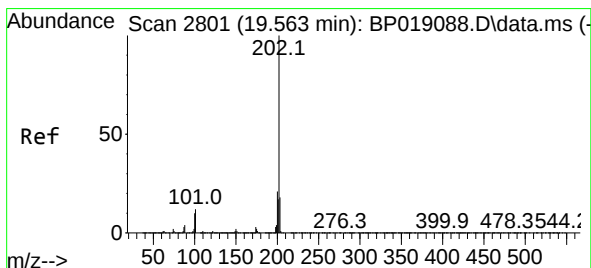
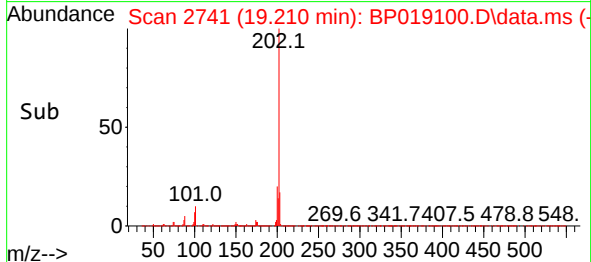
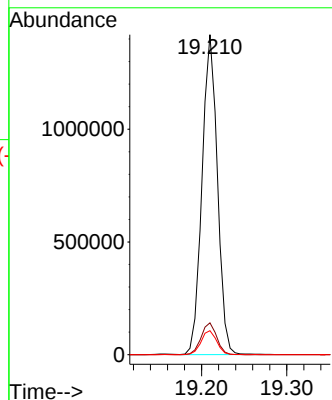
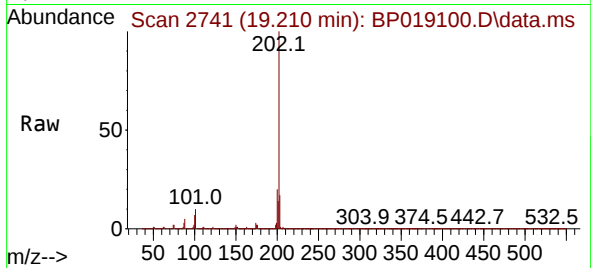
Tgt Ion:202 Resp: 1777805

Ion Ratio Lower Upper

202 100

101 10.0 9.1 13.7

100 7.5 7.1 10.7



#82

Pyrene

Concen: 27.396 ng/ul

RT: 19.563 min Scan# 2801

Delta R.T. -0.000 min

Lab File: BP019100.D

Acq: 27 Dec 2023 01:08

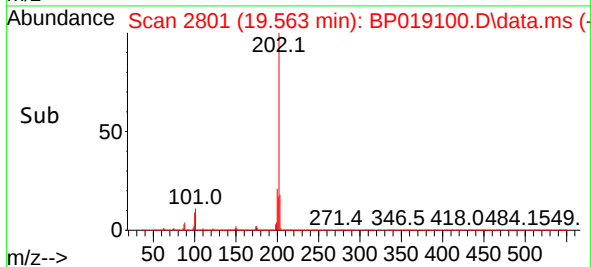
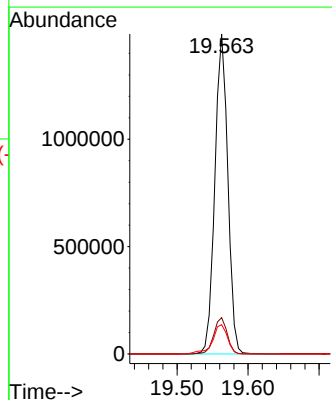
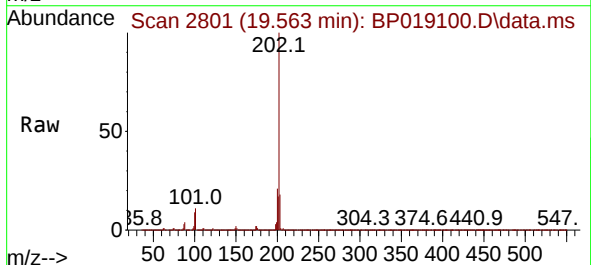
Tgt Ion:202 Resp: 1883398

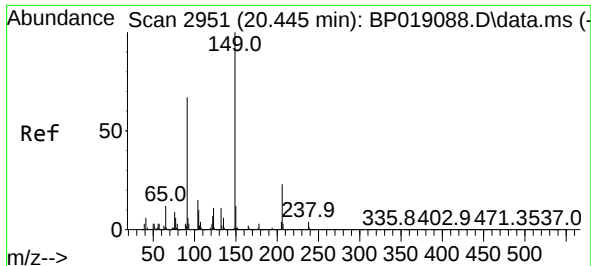
Ion Ratio Lower Upper

202 100

101 11.3 11.0 16.4

100 9.2 9.1 13.7

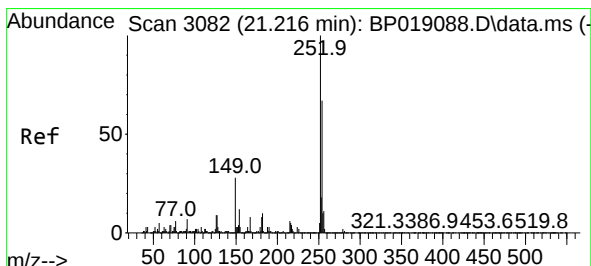
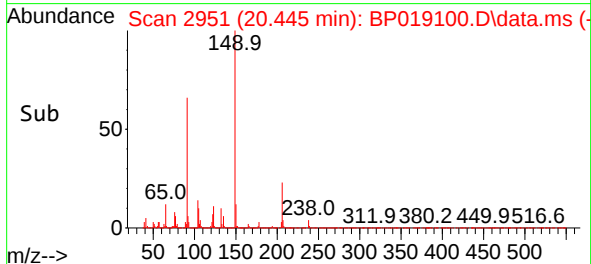
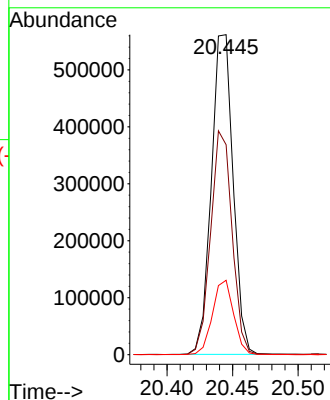
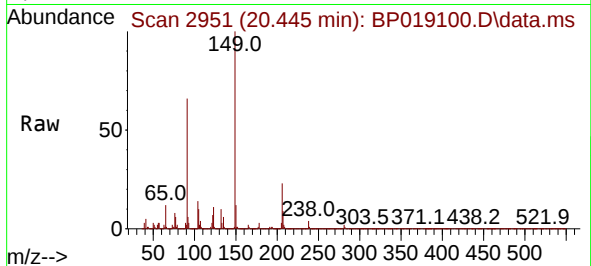




#83
Butylbenzylphthalate
Concen: 25.780 ng/ul
RT: 20.445 min Scan# 2951
Delta R.T. -0.000 min
Lab File: BP019100.D
Acq: 27 Dec 2023 01:08

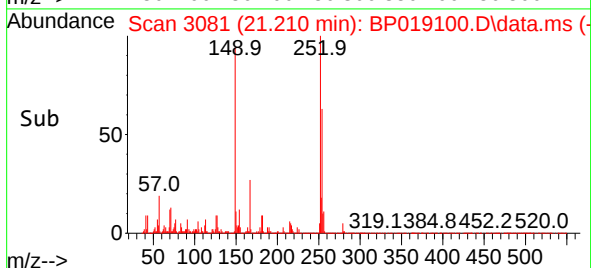
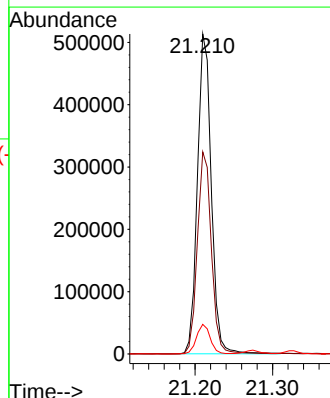
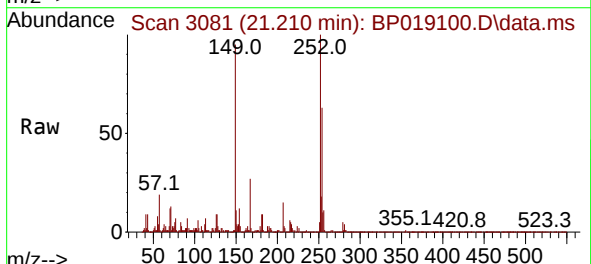
Instrument :
BNA_P
ClientSampleId :
SLCS028

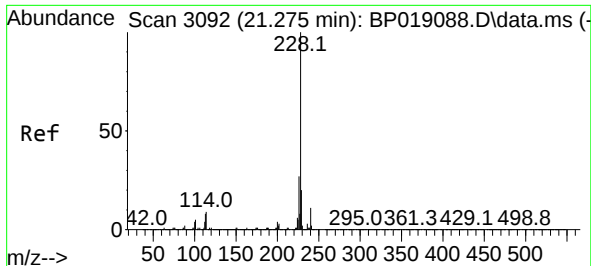
Tgt Ion:	149	Resp:	648818
Ion Ratio	Lower	Upper	
149	100		
91	65.6	56.6	85.0
206	23.2	17.4	26.0



#84
3,3'-Dichlorobenzidine
Concen: 35.340 ng/ul
RT: 21.210 min Scan# 3081
Delta R.T. -0.006 min
Lab File: BP019100.D
Acq: 27 Dec 2023 01:08

Tgt Ion:	252	Resp:	636025
Ion Ratio	Lower	Upper	
252	100		
254	63.2	51.0	76.4
126	9.3	7.8	11.6

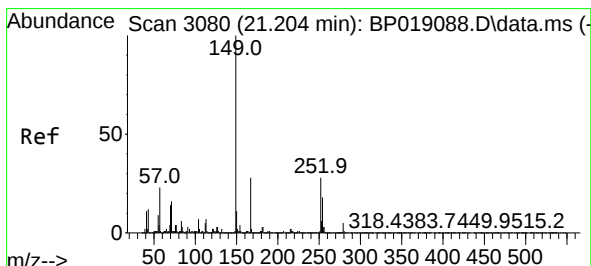
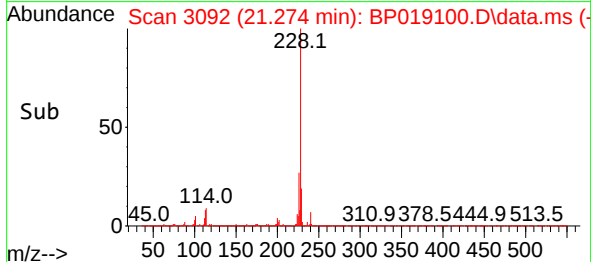
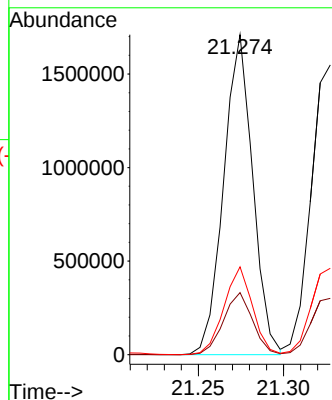
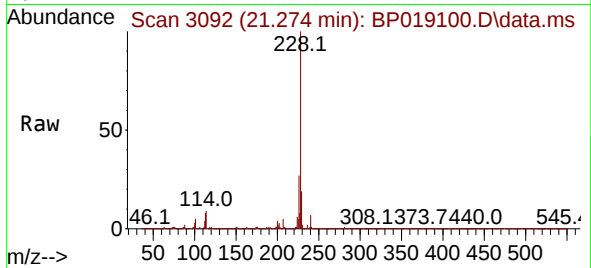




#85
Benzo(a)anthracene
Concen: 33.791 ng/ul
RT: 21.274 min Scan# 3092
Delta R.T. -0.000 min
Lab File: BP019100.D
Acq: 27 Dec 2023 01:08

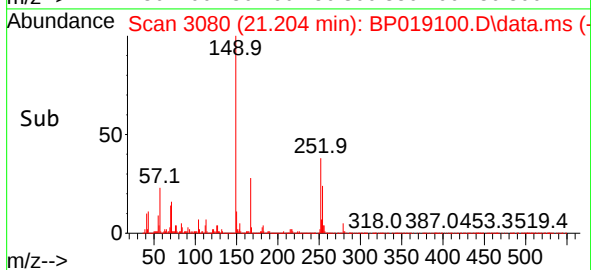
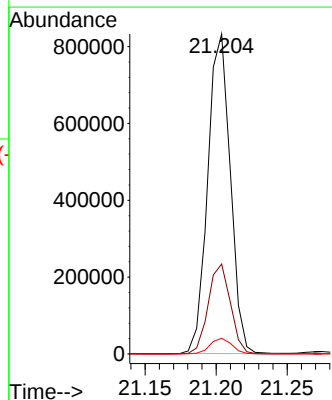
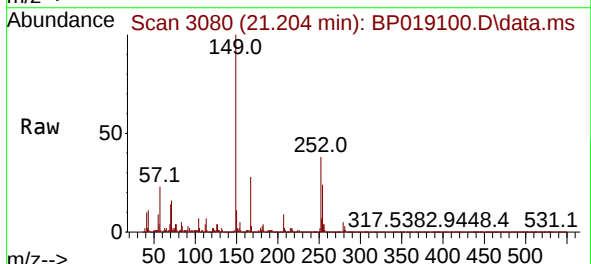
Instrument :
BNA_P
ClientSampleId :
SLCS028

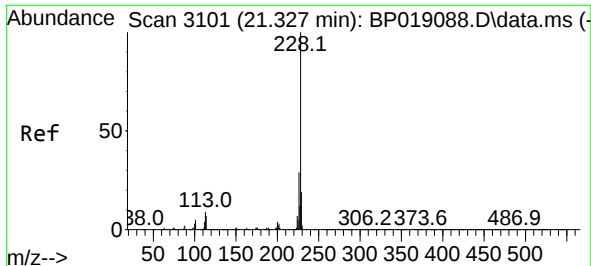
Tgt Ion:228 Resp: 2031310
Ion Ratio Lower Upper
228 100
229 19.4 15.7 23.5
226 27.5 21.9 32.9



#86
Bis(2-ethylhexyl)phthalate
Concen: 26.527 ng/ul
RT: 21.204 min Scan# 3080
Delta R.T. -0.000 min
Lab File: BP019100.D
Acq: 27 Dec 2023 01:08

Tgt Ion:149 Resp: 917598
Ion Ratio Lower Upper
149 100
167 28.1 22.2 33.2
279 4.9 3.3 4.9

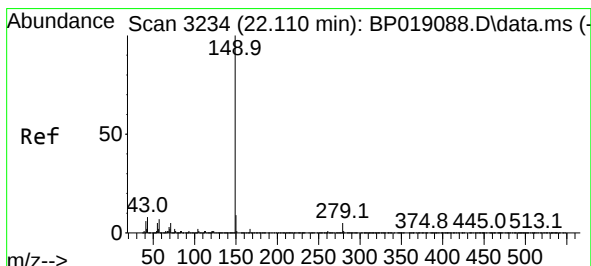
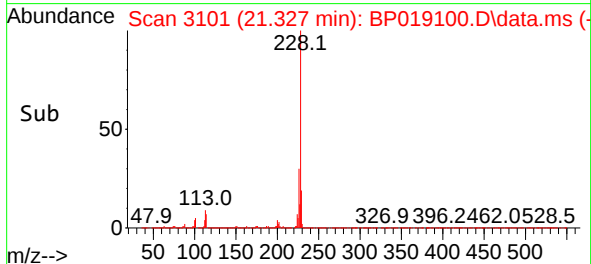
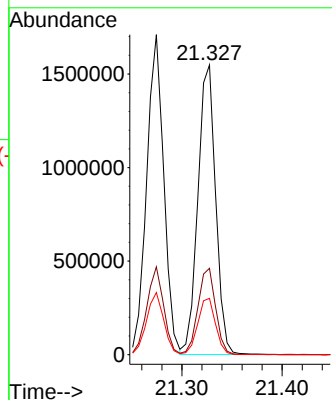
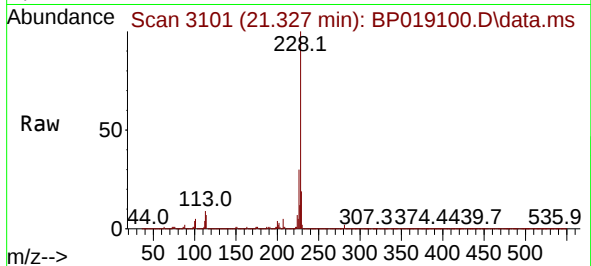




#87
Chrysene
Concen: 34.480 ng/ul
RT: 21.327 min Scan# 3101
Delta R.T. -0.000 min
Lab File: BP019100.D
Acq: 27 Dec 2023 01:08

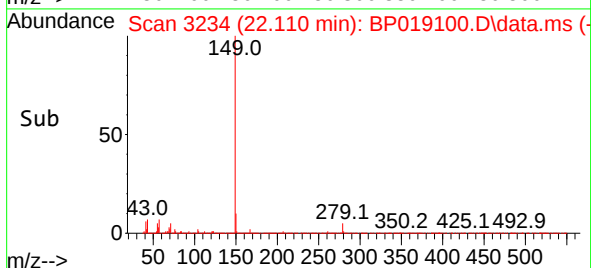
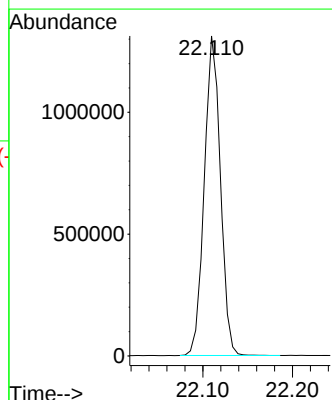
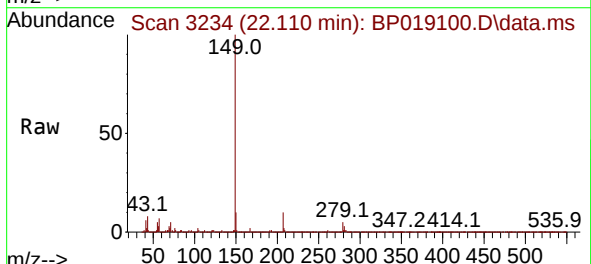
Instrument :
BNA_P
ClientSampleId :
SLCS028

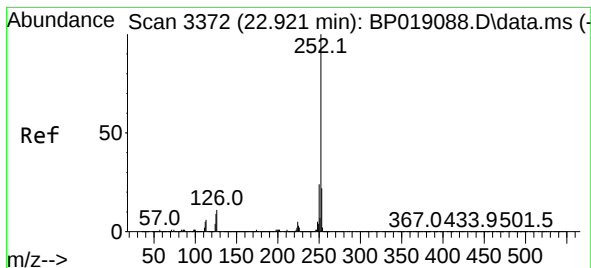
Tgt Ion:228 Resp: 1908754
Ion Ratio Lower Upper
228 100
226 29.8 23.9 35.9
229 19.5 15.6 23.4



#89
Di-n-octyl phthalate
Concen: 25.246 ng/ul
RT: 22.110 min Scan# 3234
Delta R.T. -0.000 min
Lab File: BP019100.D
Acq: 27 Dec 2023 01:08

Tgt Ion:149 Resp: 1634301





#90

Benzo(b)fluoranthene

Concen: 34.065 ng/u1

RT: 22.927 min Scan# 3372

Delta R.T. 0.006 min

Lab File: BP019100.D

Acq: 27 Dec 2023 01:08

Instrument :

BNA_P

ClientSampleId :

SLCS028

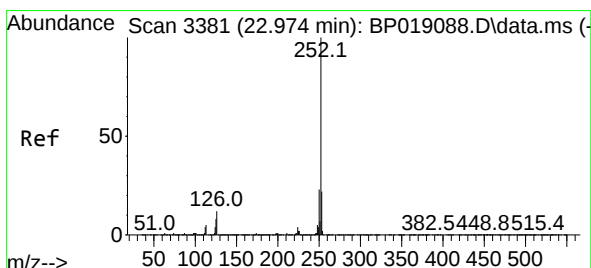
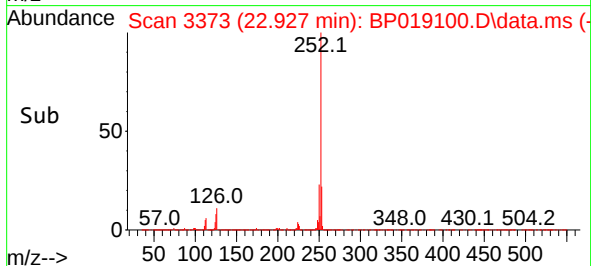
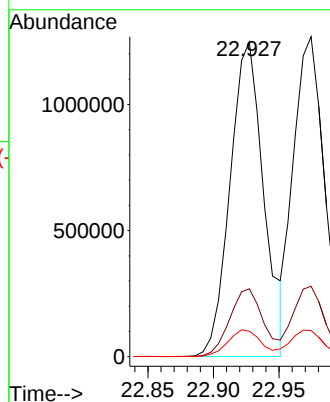
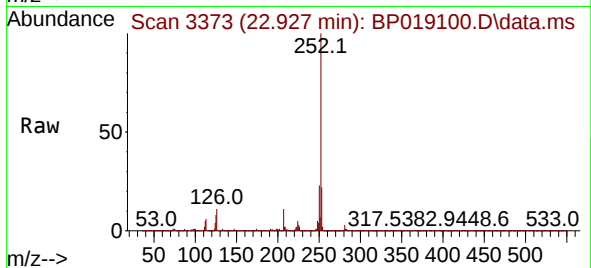
Tgt Ion:252 Resp: 2226897

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 8.1 7.8 11.6



#91

Benzo(k)fluoranthene

Concen: 32.992 ng/u1

RT: 22.974 min Scan# 3381

Delta R.T. -0.000 min

Lab File: BP019100.D

Acq: 27 Dec 2023 01:08

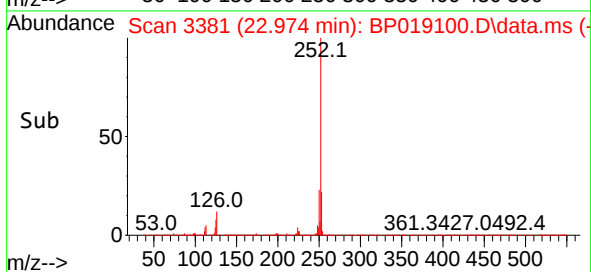
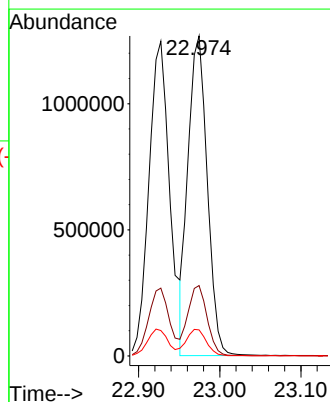
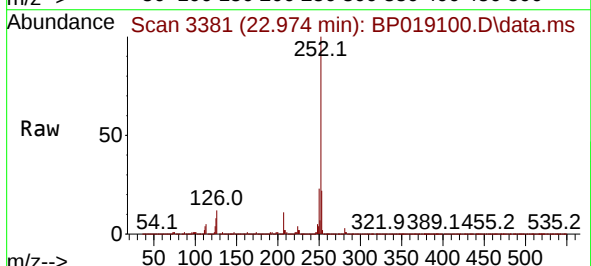
Tgt Ion:252 Resp: 2086810

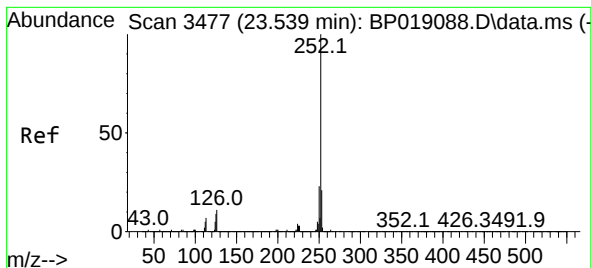
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 8.2 8.0 12.0





#93

Benzo(a)pyrene

Concen: 34.543 ng/ul

RT: 23.539 min Scan# 3477

Delta R.T. -0.000 min

Lab File: BP019100.D

Acq: 27 Dec 2023 01:08

Instrument :

BNA_P

ClientSampleId :

SLCS028

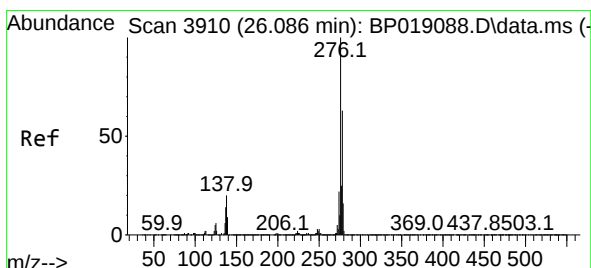
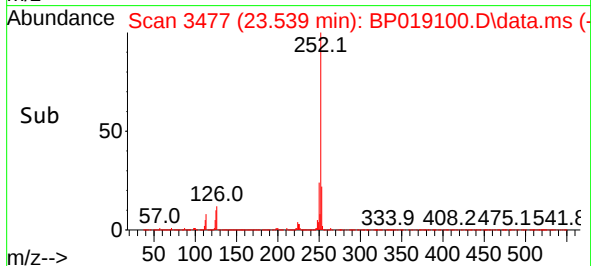
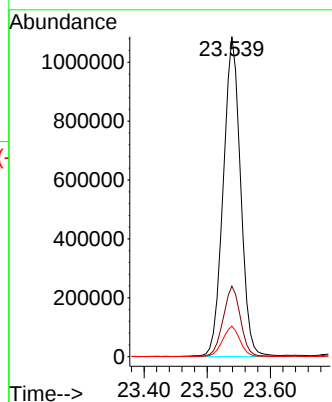
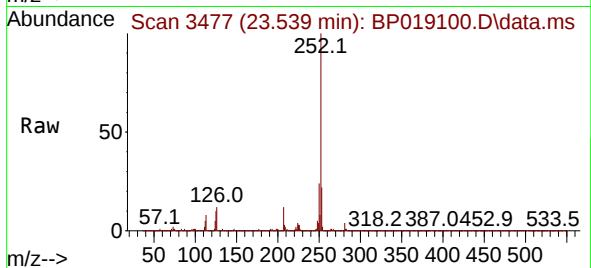
Tgt Ion:252 Resp: 2063352

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 9.6 9.2 13.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 37.732 ng/ul

RT: 26.086 min Scan# 3910

Delta R.T. -0.000 min

Lab File: BP019100.D

Acq: 27 Dec 2023 01:08

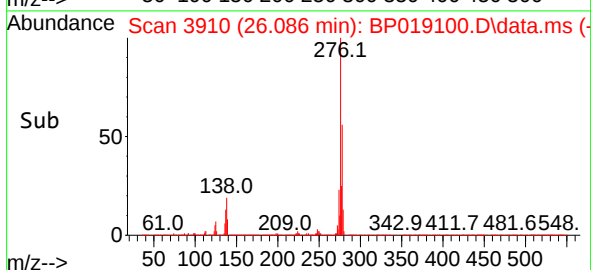
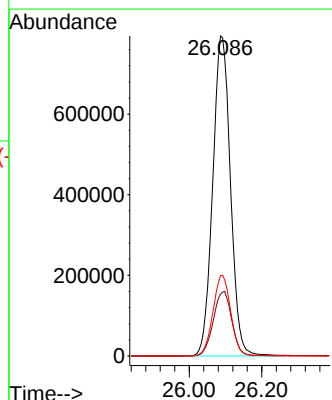
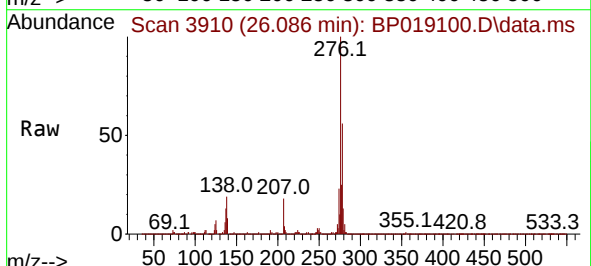
Tgt Ion:276 Resp: 2692871

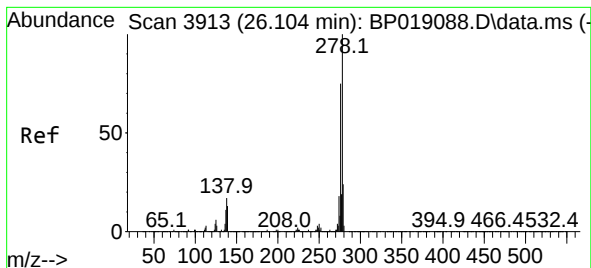
Ion Ratio Lower Upper

276 100

138 19.3 19.4 29.2#

277 25.1 19.8 29.6





#95

Dibenzo(a,h)anthracene

Concen: 37.674 ng/ul

RT: 26.104 min Scan# 3913

Delta R.T. -0.000 min

Lab File: BP019100.D

Acq: 27 Dec 2023 01:08

Instrument :

BNA_P

ClientSampleId :

SLCS028

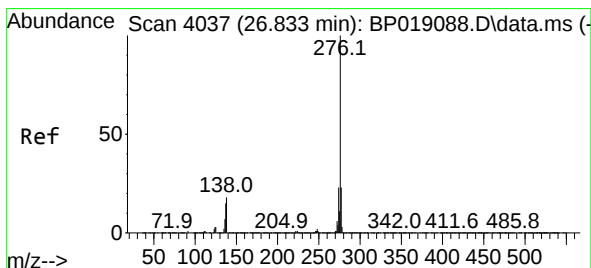
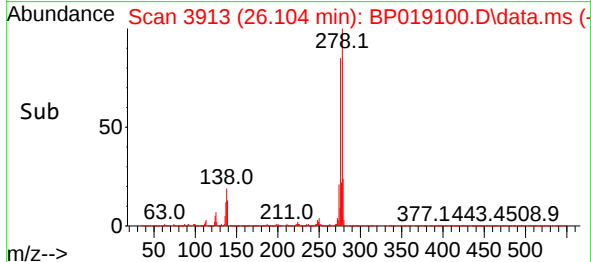
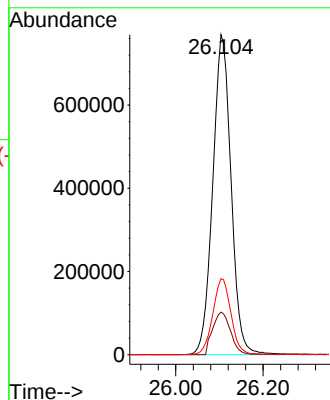
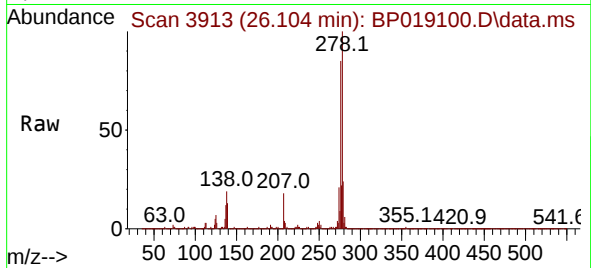
Tgt Ion:278 Resp: 2236687

Ion Ratio Lower Upper

278 100

139 13.3 13.0 19.6

279 23.8 18.7 28.1



#96

Benzo(g,h,i)perylene

Concen: 38.047 ng/ul

RT: 26.839 min Scan# 4038

Delta R.T. 0.006 min

Lab File: BP019100.D

Acq: 27 Dec 2023 01:08

Tgt Ion:276 Resp: 2185256

Ion Ratio Lower Upper

276 100

138 19.0 18.1 27.1

277 23.7 19.4 29.0

