

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122623\
 Data File : BP019102.D
 Acq On : 27 Dec 2023 02:16
 Operator : MA/JU
 Sample : PB158030BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS030

Quant Time: Dec 27 02:50:01 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	171357	20.000	ng/u1	0.00
20) Naphthalene-d8	10.604	136	643221	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.445	164	374545	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.198	188	826665	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	887467	20.000	ng/u1	# 0.00
88) Perylene-d12	23.645	264	1070962	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	30374	6.040	ng/uL	0.00
4) Pyridine-d5	3.663	84	387078	28.738	ng/u1	0.00
7) Phenol-d5	6.987	99	457743	26.619	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.151	67	271263	26.615	ng/u1	0.00
11) 2-Chlorophenol-d4	7.340	132	364628	27.174	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	348824	25.065	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	168203	29.381	ng/u1	0.00
24) 2-Nitrophenol-d4	9.692	143	187275	31.552	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	365354	30.104	ng/u1	0.00
31) 4-Chloroaniline-d4	10.751	131	421492	26.574	ng/u1	0.00
46) Dimethylphthalate-d6	13.863	166	946444	28.313	ng/u1	0.00
49) Acenaphthylene-d8	14.139	160	1106796	30.068	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	168721	30.748	ng/u1	0.00
60) Fluorene-d10	15.439	176	828516	29.527	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.569	200	164189	33.125	ng/u1	0.00
73) Anthracene-d10	17.298	188	1289230	29.665	ng/u1	0.00
81) Pyrene-d10	19.533	212	1619538	23.444	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.492	264	1893297	30.320	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	60800	11.026	ng/uL	95
5) Pyridine	3.681	79	397320	29.211	ng/u1	97
6) Benzaldehyde	6.957	77	245948	27.702	ng/u1	95
8) Phenol	7.016	94	466935	27.688	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.245	93	376236	27.166	ng/u1	98
12) 2-Chlorophenol	7.375	128	374982	27.612	ng/u1	98
13) 2-Methylphenol	8.263	108	341288	26.435	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.334	45	433307	24.657	ng/u1	97
16) Acetophenone	8.639	105	541035	26.086	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.628	70	250392	21.945	ng/u1	99
18) 4-Methylphenol	8.592	108	365004	25.891	ng/u1	98
19) Hexachloroethane	8.881	117	157179	28.232	ng/u1	87
22) Nitrobenzene	9.016	77	408706	29.363	ng/u1	98
23) Isophorone	9.545	82	714502	25.177	ng/u1	98
25) 2-Nitrophenol	9.722	139	199331	31.366	ng/u1	99
26) 2,4-Dimethylphenol	9.792	107	348545	28.043	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.028	93	467593	26.098	ng/u1	99
29) 2,4-Dichlorophenol	10.257	162	352763	30.176	ng/u1	98
30) Naphthalene	10.657	128	1134417	29.073	ng/u1	99
32) 4-Chloroaniline	10.775	127	380846	25.193	ng/u1	100
33) Hexachlorobutadiene	10.933	225	269921	34.476	ng/u1	100
34) Caprolactam	11.557	113	95038	26.513	ng/u1	93
35) 4-Chloro-3-methylphenol	11.904	107	338520	25.849	ng/u1	99
36) 2-Methylnaphthalene	12.269	142	738512	26.716	ng/u1	100

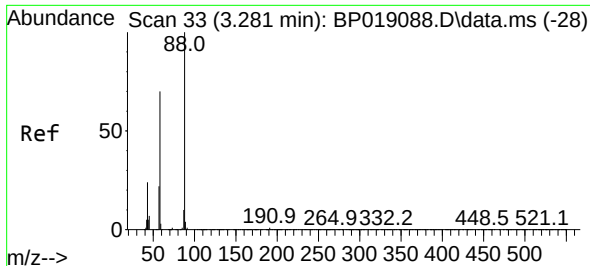
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.486	142	721802	25.856	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.633	216	463784	34.129	ng/ul	98
40) Hexachlorocyclopentadiene	12.610	237	249532	30.980	ng/ul	100
41) 2,4,6-Trichlorophenol	12.880	196	279760	32.003	ng/ul	99
42) 2,4,5-Trichlorophenol	12.951	196	303120	31.984	ng/ul	98
43) 1,1'-Biphenyl	13.280	154	968315	29.893	ng/ul	98
44) 2-Chloronaphthalene	13.322	162	784380	30.659	ng/ul	98
45) 2-Nitroaniline	13.533	65	198352	28.599	ng/ul	99
47) Dimethylphthalate	13.910	163	946026	28.750	ng/ul	100
48) 2,6-Dinitrotoluene	14.033	165	186505	30.000	ng/ul	94
50) Acenaphthylene	14.169	152	1234645	29.833	ng/ul	99
51) 3-Nitroaniline	14.363	138	174570	28.130	ng/ul	99
52) Acenaphthene	14.510	153	811891	29.671	ng/ul	99
53) 2,4-Dinitrophenol	14.569	184	105186	31.924	ng/ul	97
55) 4-Nitrophenol	14.674	109	134117	32.352	ng/ul	95
56) Dibenzofuran	14.845	168	1145271	30.114	ng/ul	99
57) 2,4-Dinitrotoluene	14.822	165	276339	31.600	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.074	232	260471	32.765	ng/ul	93
59) Diethylphthalate	15.274	149	894386	27.776	ng/ul	99
61) Fluorene	15.492	166	911567	30.292	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.492	204	489850	31.037	ng/ul	95
63) 4-Nitroaniline	15.527	138	191025	32.311	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.580	198	178797	33.739	ng/ul	93
67) N-Nitrosodiphenylamine	15.710	169	766338	27.976	ng/ul	99
68) 4-Bromophenyl-phenylether	16.386	248	313029	29.994	ng/ul	95
69) Hexachlorobenzene	16.498	284	380362	32.643	ng/ul	95
70) Atrazine	16.668	200	279477	34.317	ng/ul	98
71) Pentachlorophenol	16.845	266	226553	32.692	ng/ul	99
72) Phenanthrene	17.239	178	1498450	30.013	ng/ul	100
74) Anthracene	17.333	178	1521039	30.393	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.239	216	453511	31.728	ng/ul	99
76) Pentachlorobenzene	14.763	250	435013	30.982	ng/ul	99
77) Carbazole	17.610	167	1370395	34.358	ng/ul	99
78) Di-n-butylphthalate	18.163	149	1474478	27.763	ng/ul	99
80) Fluoranthene	19.209	202	1882994	23.059	ng/ul	96
82) Pyrene	19.562	202	1973346	23.955	ng/ul	95
83) Butylbenzylphthalate	20.445	149	686215	22.754	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.215	252	682010	31.624	ng/ul	100
85) Benzo(a)anthracene	21.274	228	2139779	29.705	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.204	149	972064	23.451	ng/ul	99
87) Chrysene	21.327	228	2005616	30.234	ng/ul	100
89) Di-n-octyl phthalate	22.109	149	1725009	22.061	ng/ul	100
90) Benzo(b)fluoranthene	22.927	252	2302417	29.158	ng/ul	98
91) Benzo(k)fluoranthene	22.974	252	2237944	29.292	ng/ul	98
93) Benzo(a)pyrene	23.545	252	2196044	30.437	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.091	276	2852793	33.093	ng/ul	95
95) Dibenzo(a,h)anthracene	26.109	278	2365861	32.991	ng/ul	97
96) Benzo(g,h,i)perylene	26.839	276	2319537	33.434	ng/ul#	95

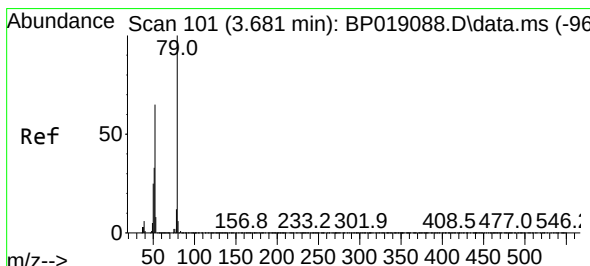
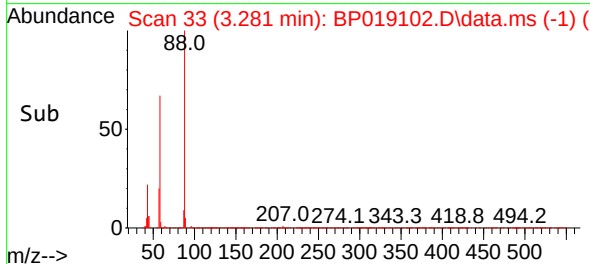
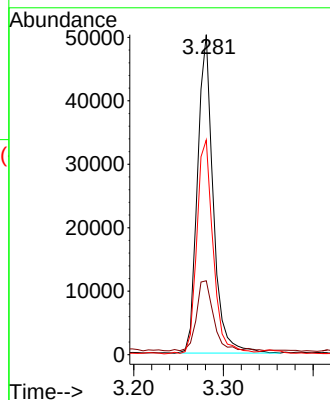
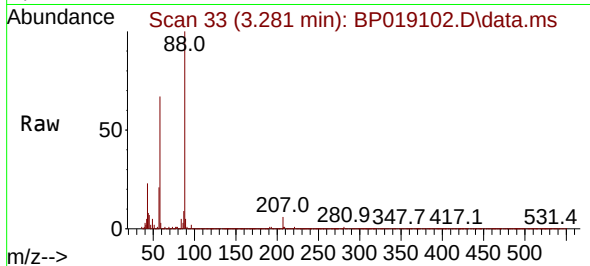
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#2
1,4-Dioxane
Concen: 11.026 ng/uL
RT: 3.281 min Scan# 31
Delta R.T. -0.000 min
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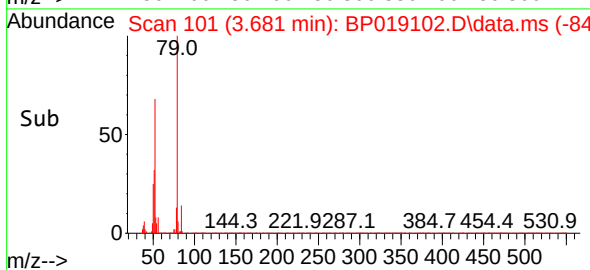
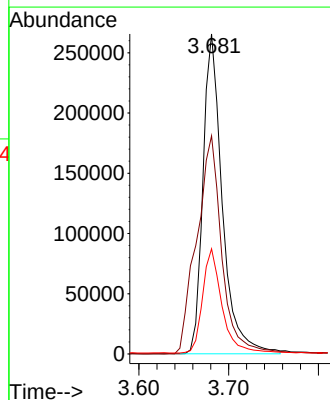
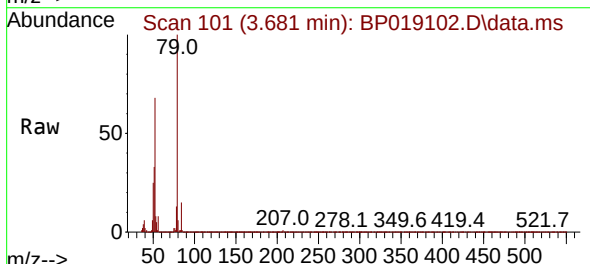
Instrument :
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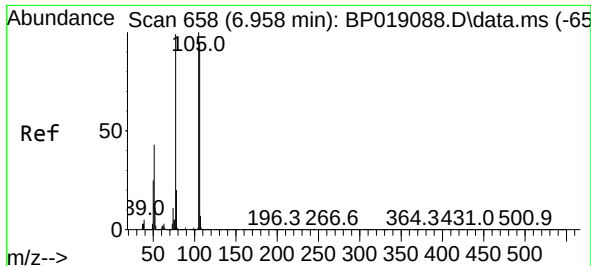
Tgt Ion: 88 Resp: 60800
Ion Ratio Lower Upper
88 100
43 23.1 21.8 32.6
58 67.1 56.5 84.7



#5
Pyridine
Concen: 29.211 ng/uL
RT: 3.681 min Scan# 101
Delta R.T. -0.000 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

Tgt Ion: 79 Resp: 397320
Ion Ratio Lower Upper
79 100
52 68.2 57.4 86.0
51 32.8 26.2 39.4

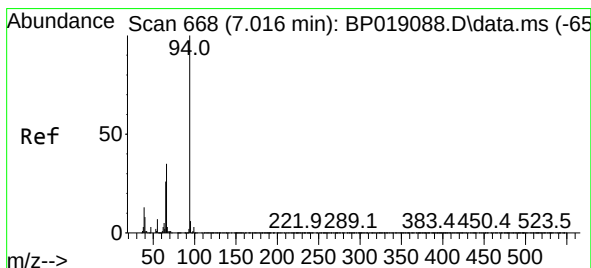
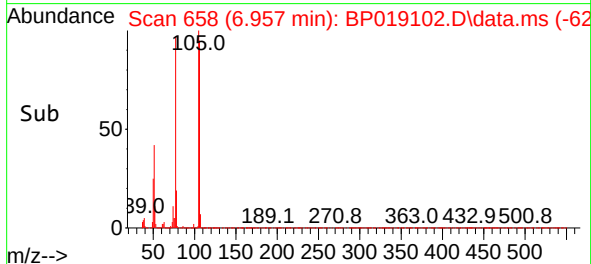
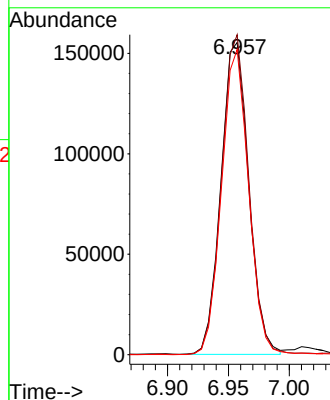
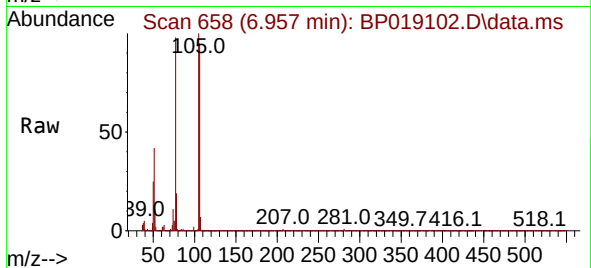




#6
Benzaldehyde
Concen: 27.702 ng/ul
RT: 6.957 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

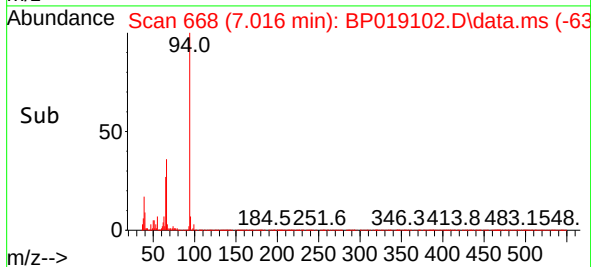
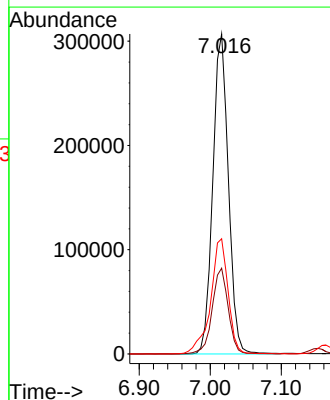
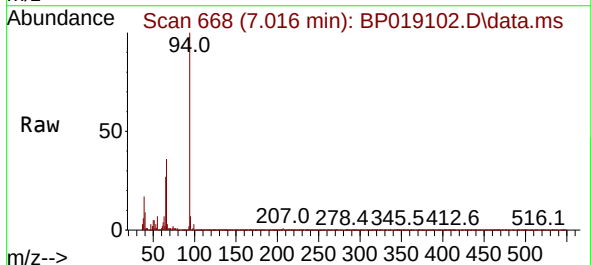
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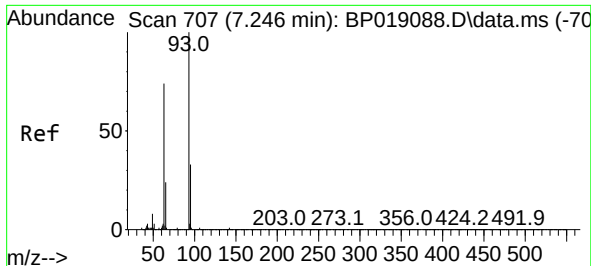
Tgt Ion: 77 Resp: 245948
Ion Ratio Lower Upper
77 100
105 102.5 77.9 116.9
106 97.8 74.6 111.8



#8
Phenol
Concen: 27.688 ng/ul
RT: 7.016 min Scan# 668
Delta R.T. -0.000 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

Tgt Ion: 94 Resp: 466935
Ion Ratio Lower Upper
94 100
65 26.8 21.0 31.6
66 36.0 28.6 43.0



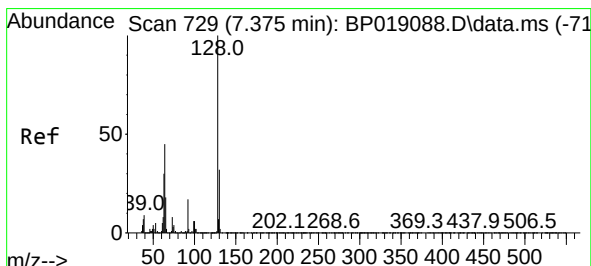
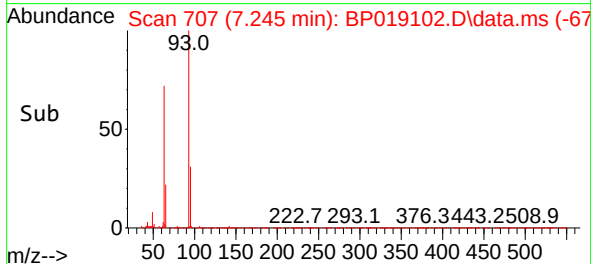
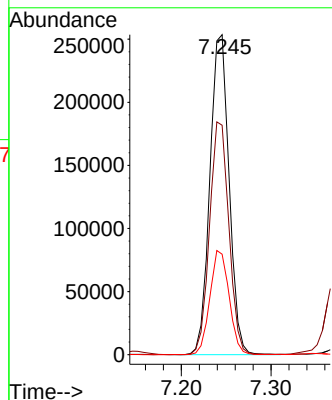
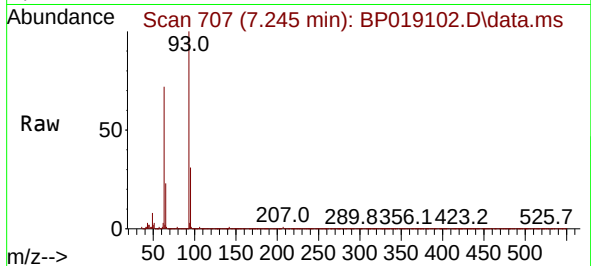


#10
 Bis(2-Chloroethyl)ether
 Concen: 27.166 ng/ul
 RT: 7.245 min Scan# 707
 Delta R.T. -0.000 min
 Lab File: BP019102.D
 Acq: 27 Dec 2023 02:16

Instrument :
 BNA_P
 ClientSampleId :
 SLCS030

Tgt Ion: 93 Resp: 376236

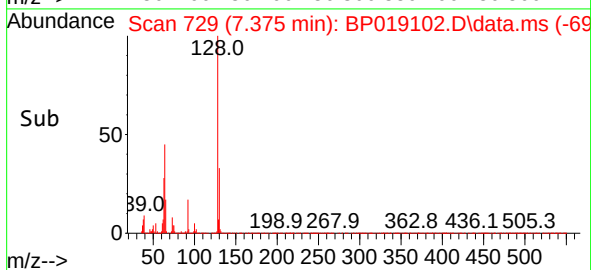
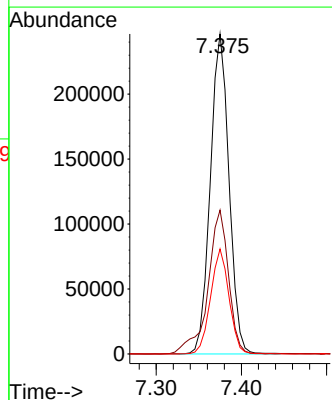
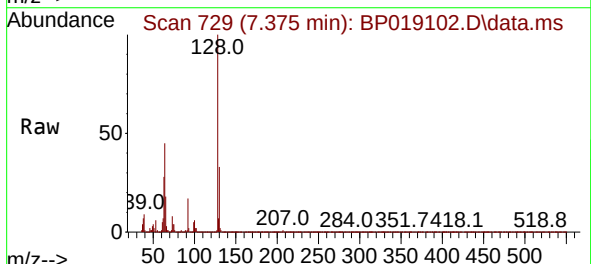
Ion	Ratio	Lower	Upper
93	100		
63	71.7	58.3	87.5
95	31.4	25.9	38.9

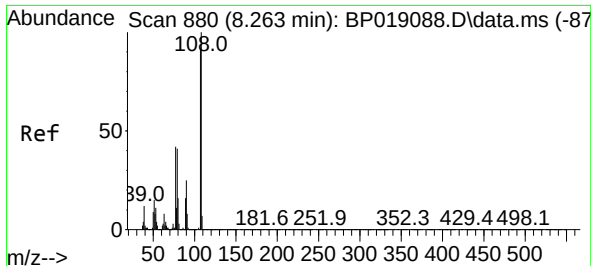


#12
 2-Chlorophenol
 Concen: 27.612 ng/ul
 RT: 7.375 min Scan# 729
 Delta R.T. -0.000 min
 Lab File: BP019102.D
 Acq: 27 Dec 2023 02:16

Tgt Ion:128 Resp: 374982

Ion	Ratio	Lower	Upper
128	100		
64	45.0	37.0	55.4
130	32.8	26.8	40.2

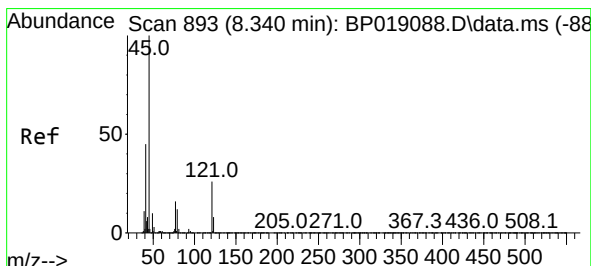
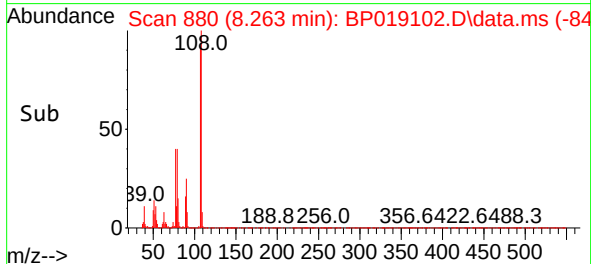
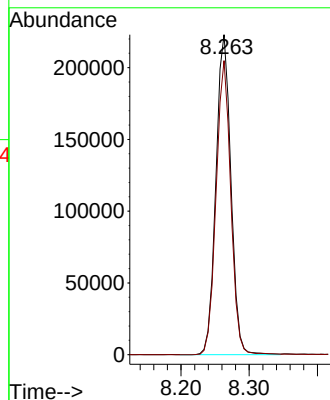
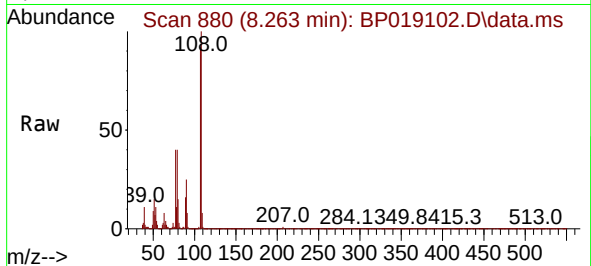




#13
2-Methylphenol
Concen: 26.435 ng/ul
RT: 8.263 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

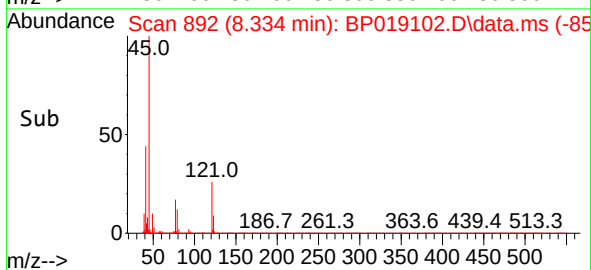
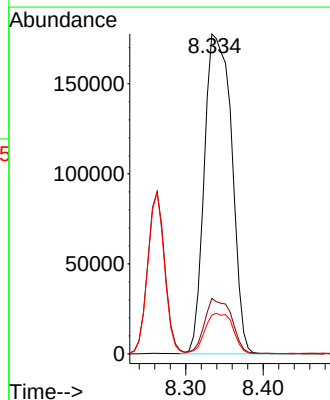
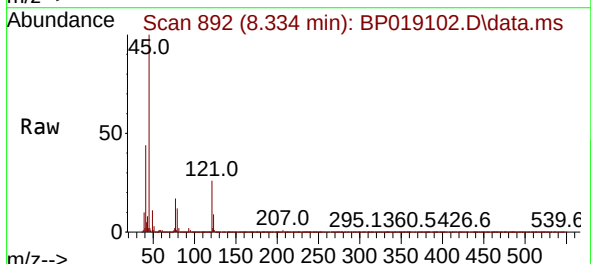
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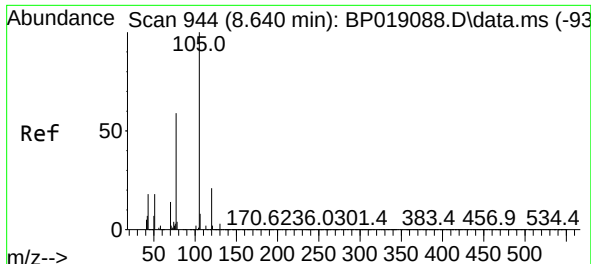
Tgt Ion:108 Resp: 341288
Ion Ratio Lower Upper
108 100
107 91.9 70.6 105.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 24.657 ng/ul
RT: 8.334 min Scan# 892
Delta R.T. -0.006 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

Tgt Ion: 45 Resp: 433307
Ion Ratio Lower Upper
45 100
77 17.4 12.7 19.1
79 12.2 10.5 15.7

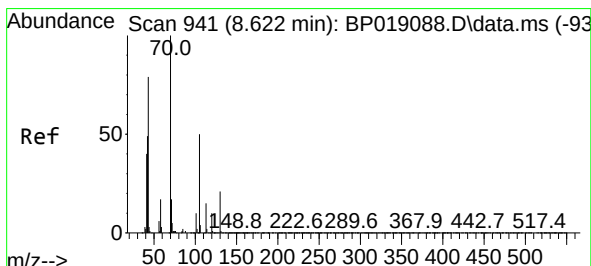
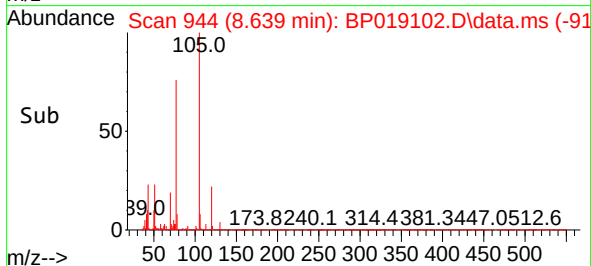
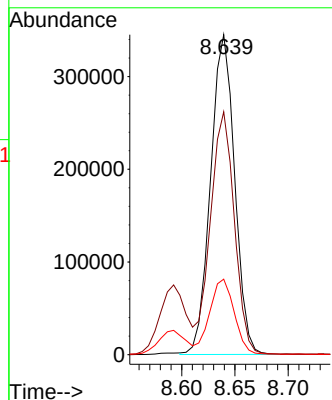
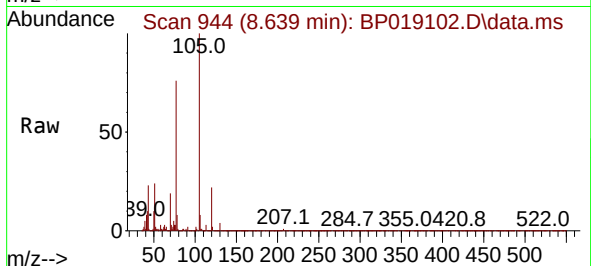




#16
Acetophenone
Concen: 26.086 ng/ul
RT: 8.639 min Scan# 941
Delta R.T. -0.000 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

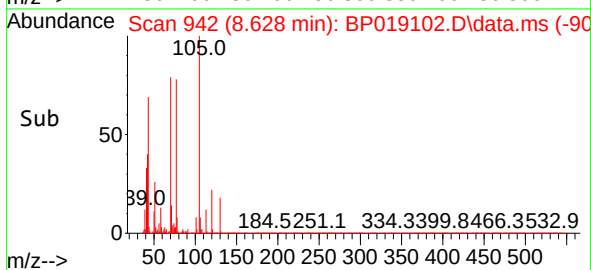
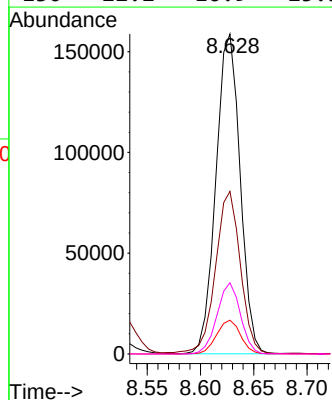
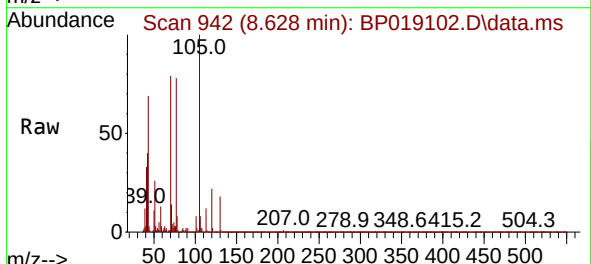
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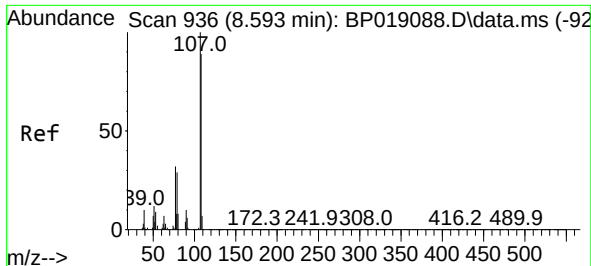
Tgt Ion:105 Resp: 541035
Ion Ratio Lower Upper
105 100
77 75.9 59.4 89.0
51 23.6 19.4 29.0



#17
N-Nitroso-di-n-propylamine
Concen: 21.945 ng/ul
RT: 8.628 min Scan# 942
Delta R.T. 0.005 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

Tgt Ion: 70 Resp: 250392
Ion Ratio Lower Upper
70 100
42 50.8 41.0 61.4
101 10.5 7.8 11.8
130 22.2 16.9 25.3

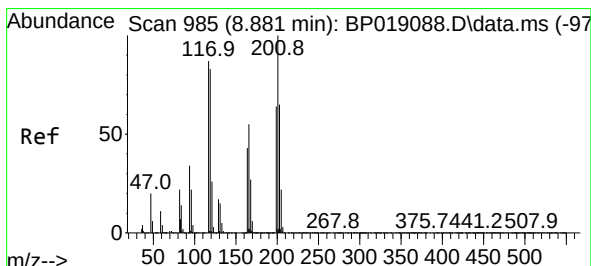
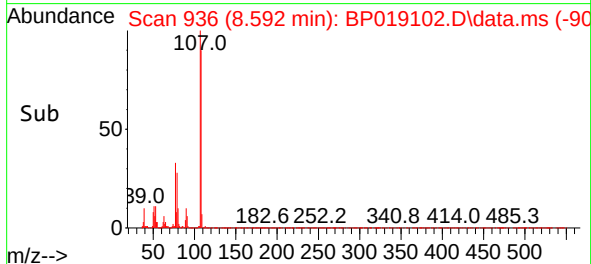
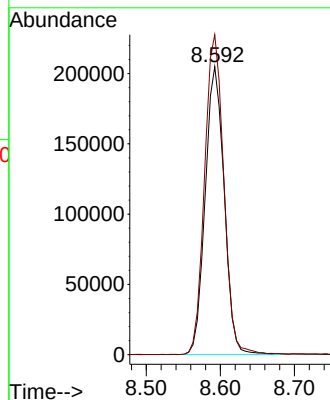
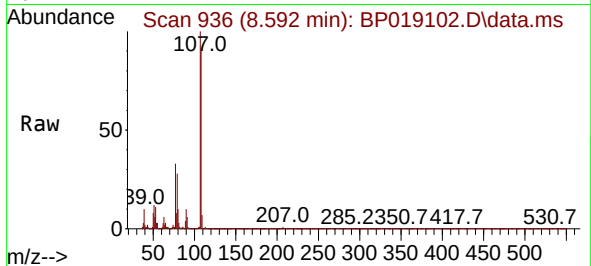




#18
4-Methylphenol
Concen: 25.891 ng/ul
RT: 8.592 min Scan# 911
Delta R.T. -0.000 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

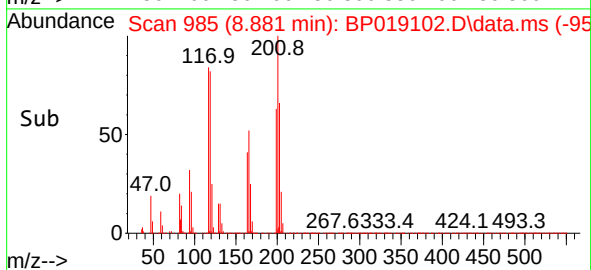
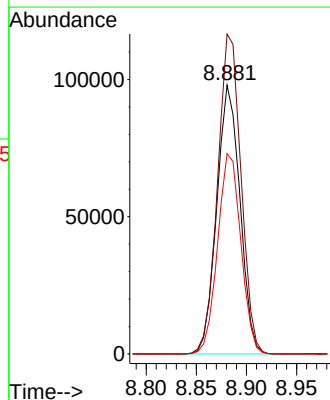
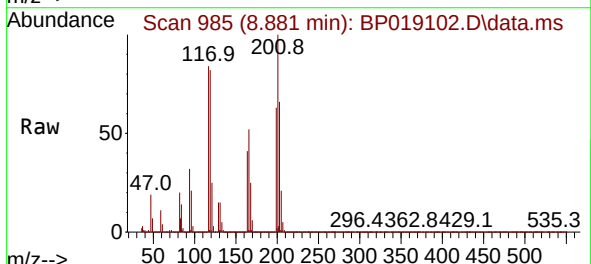
Instrument :
BNA_P
ClientSampleId :
SLCS030

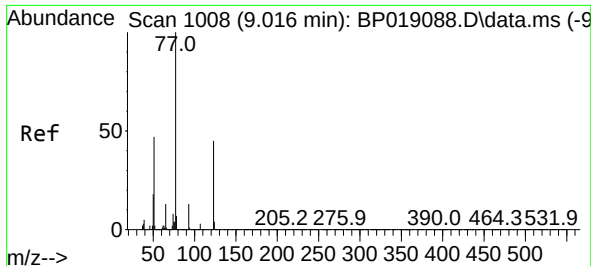
Tgt Ion:108 Resp: 365004
Ion Ratio Lower Upper
108 100
107 111.1 90.6 136.0



#19
Hexachloroethane
Concen: 28.232 ng/ul
RT: 8.881 min Scan# 985
Delta R.T. -0.000 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

Tgt Ion:117 Resp: 157179
Ion Ratio Lower Upper
117 100
201 119.0 83.7 125.5
199 74.5 52.3 78.5

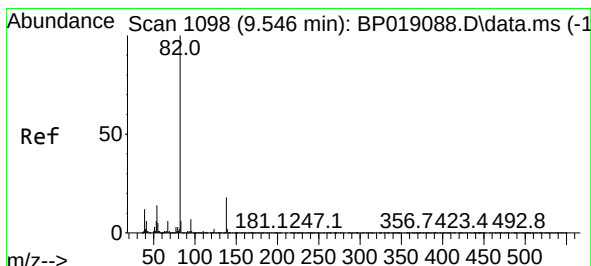
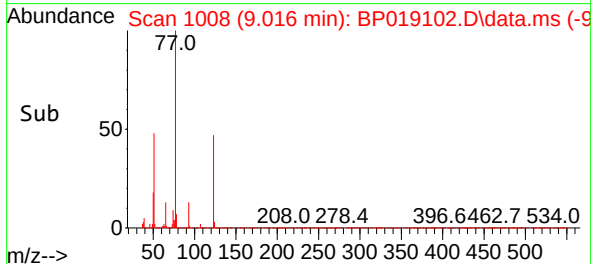
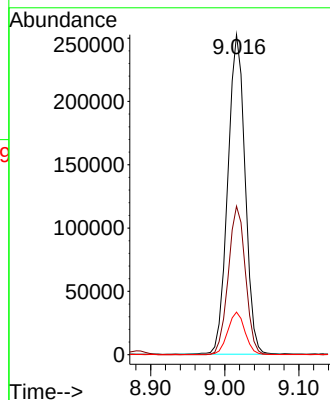
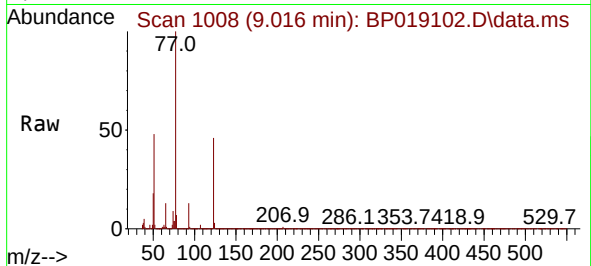




#22
Nitrobenzene
Concen: 29.363 ng/ul
RT: 9.016 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

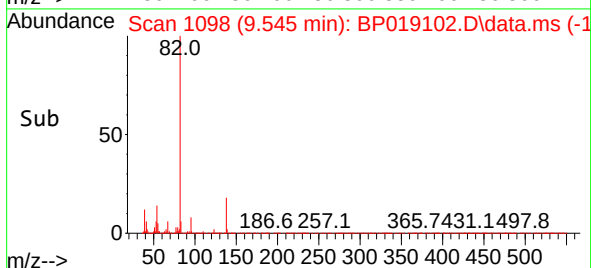
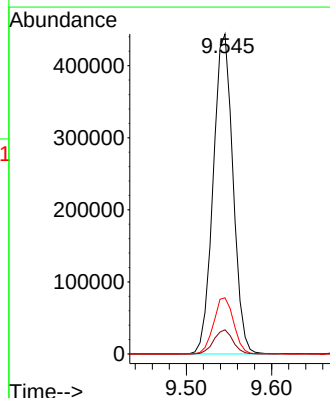
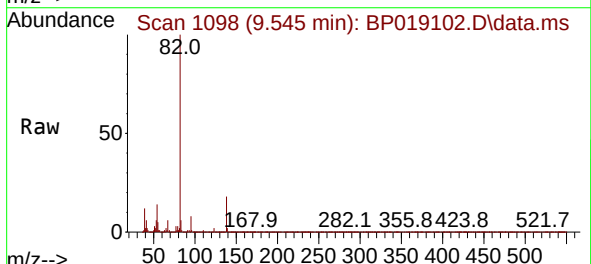
Instrument :
BNA_P
ClientSampleId :
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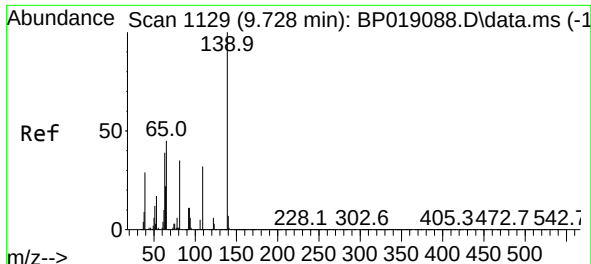
Tgt Ion: 77 Resp: 408706
Ion Ratio Lower Upper
77 100
123 46.4 35.8 53.8
65 13.3 10.5 15.7



#23
Isophorone
Concen: 25.177 ng/ul
RT: 9.545 min Scan# 1098
Delta R.T. -0.000 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

Tgt Ion: 82 Resp: 714502
Ion Ratio Lower Upper
82 100
95 7.5 5.5 8.3
138 17.6 13.5 20.3

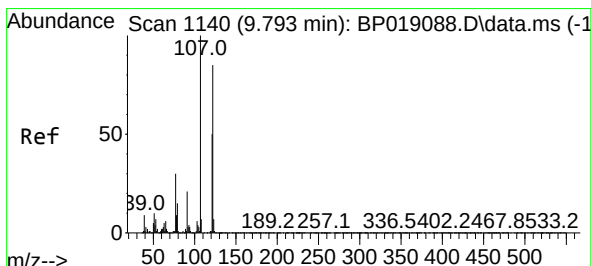
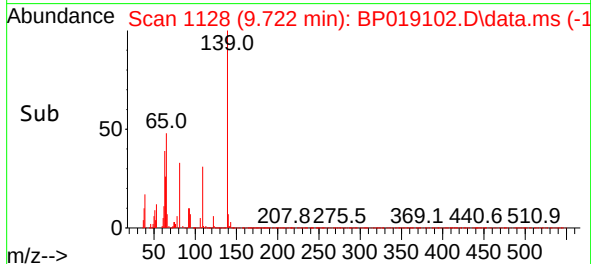
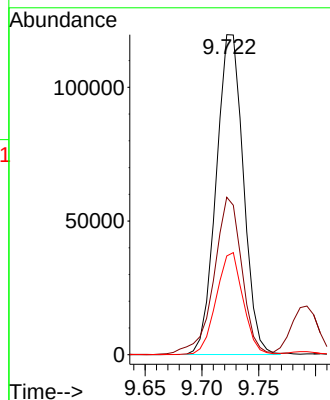
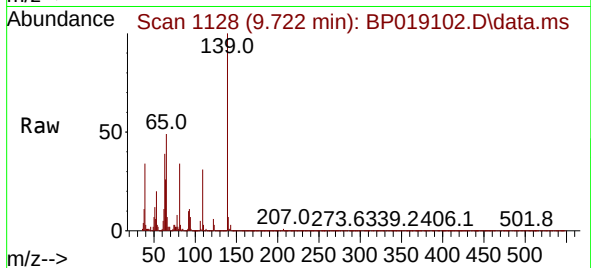




#25
2-Nitrophenol
Concen: 31.366 ng/ul
RT: 9.722 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

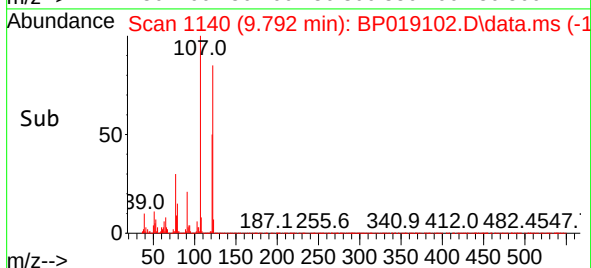
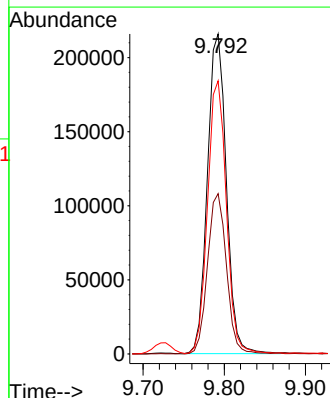
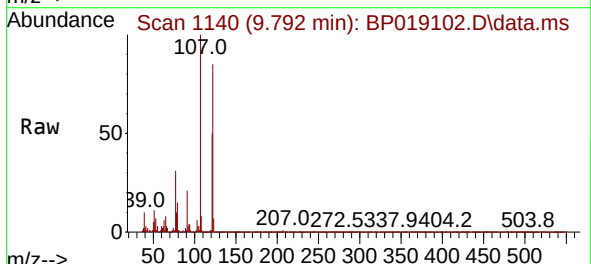
Instrument :
BNA_P
ClientSampleId :
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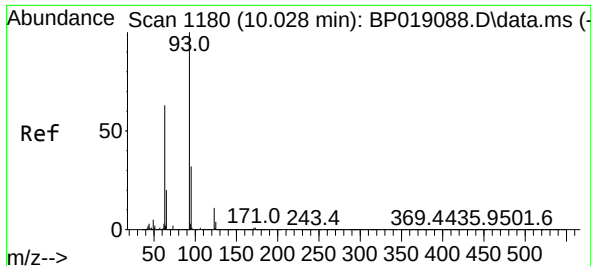
Tgt Ion:139 Resp: 199331
Ion Ratio Lower Upper
139 100
65 49.2 39.1 58.7
109 30.9 23.8 35.6



#26
2,4-Dimethylphenol
Concen: 28.043 ng/ul
RT: 9.792 min Scan# 1140
Delta R.T. -0.000 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

Tgt Ion:107 Resp: 348545
Ion Ratio Lower Upper
107 100
121 50.1 40.0 60.0
122 85.3 69.1 103.7

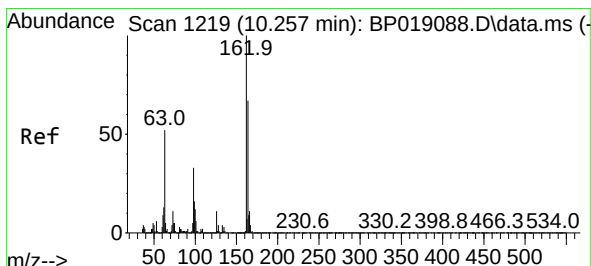
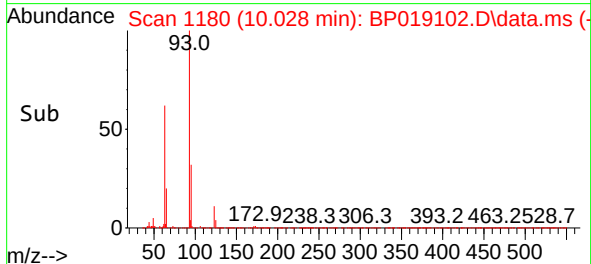
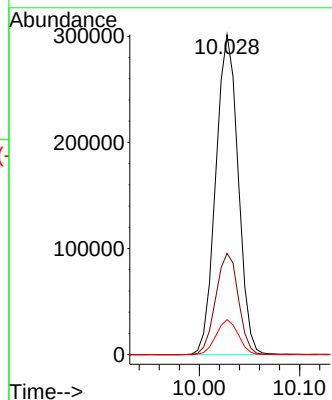
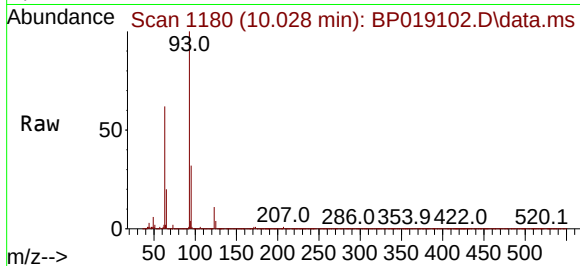




#27
 Bis(2-Chloroethoxy)methane
 Concen: 26.098 ng/ul
 RT: 10.028 min Scan# 1180
 Delta R.T. -0.000 min
 Lab File: BP019102.D
 Acq: 27 Dec 2023 02:16

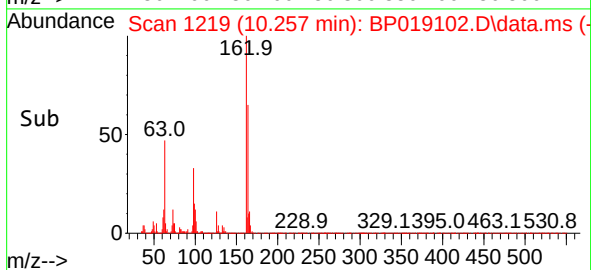
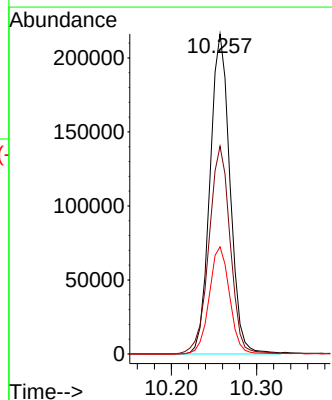
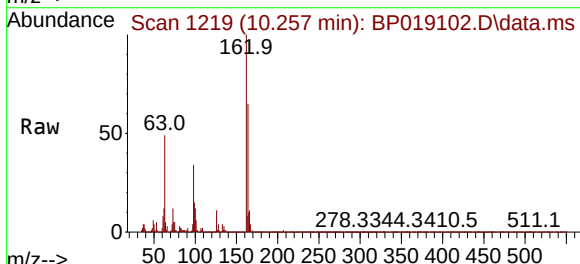
Instrument :
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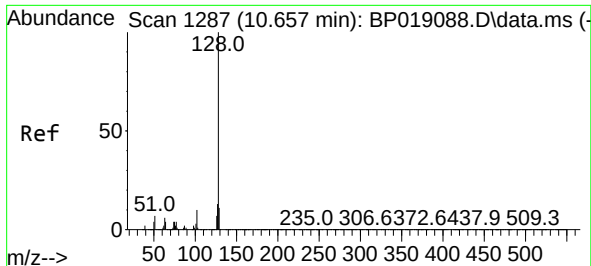
Tgt Ion: 93 Resp: 467593
 Ion Ratio Lower Upper
 93 100
 95 31.7 26.1 39.1
 123 10.9 8.9 13.3



#29
 2,4-Dichlorophenol
 Concen: 30.176 ng/ul
 RT: 10.257 min Scan# 1219
 Delta R.T. -0.000 min
 Lab File: BP019102.D
 Acq: 27 Dec 2023 02:16

Tgt Ion: 162 Resp: 352763
 Ion Ratio Lower Upper
 162 100
 164 64.9 51.7 77.5
 98 33.5 29.2 43.8

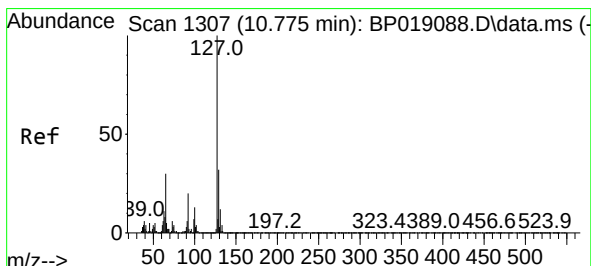
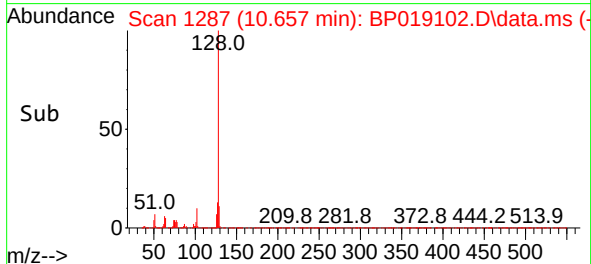
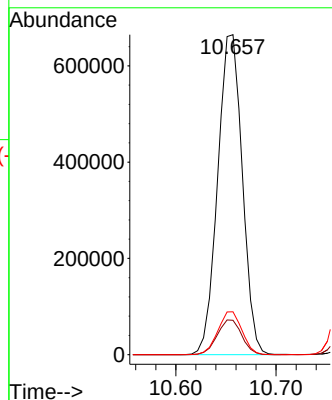
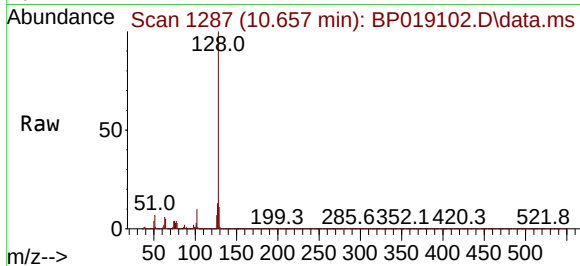




#30
Naphthalene
Concen: 29.073 ng/ul
RT: 10.657 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

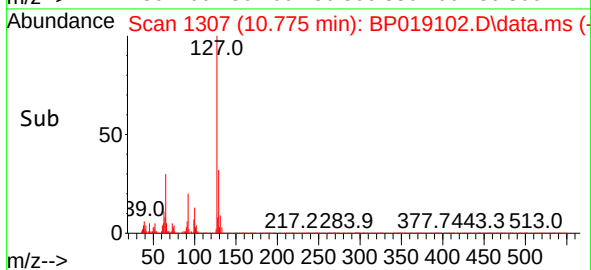
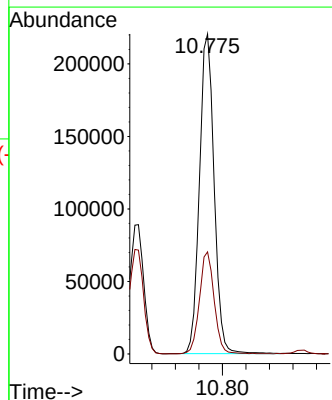
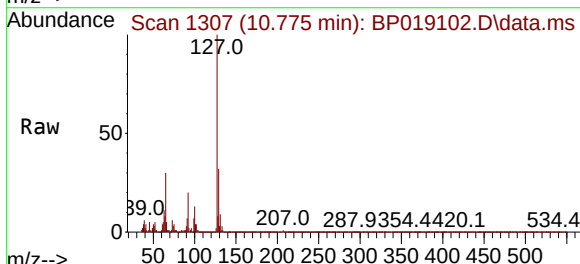
Instrument :
BNA_P
ClientSampleId :
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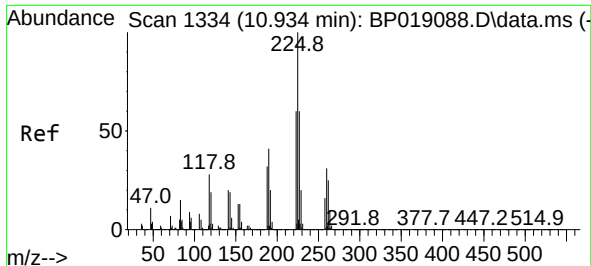
Tgt Ion:128 Resp: 1134417
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.4 10.5 15.7



#32
4-Chloroaniline
Concen: 25.193 ng/ul
RT: 10.775 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

Tgt Ion:127 Resp: 380846
Ion Ratio Lower Upper
127 100
129 31.9 25.6 38.4

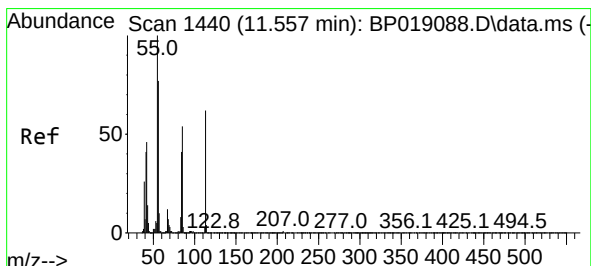
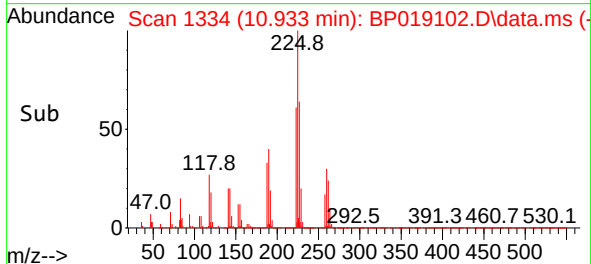
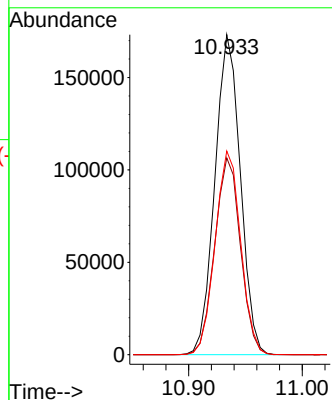
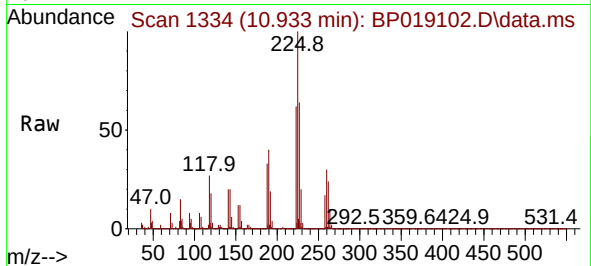




#33
Hexachlorobutadiene
Concen: 34.476 ng/ul
RT: 10.933 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

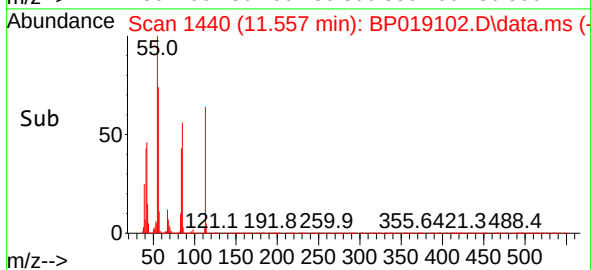
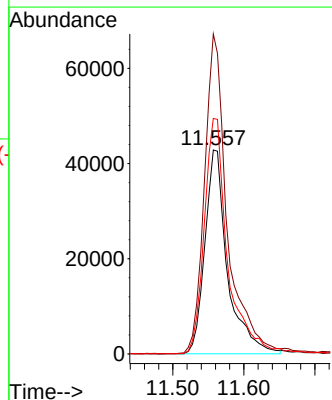
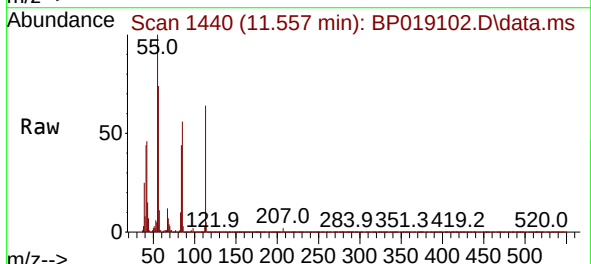
Instrument :
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ClientSampleId :
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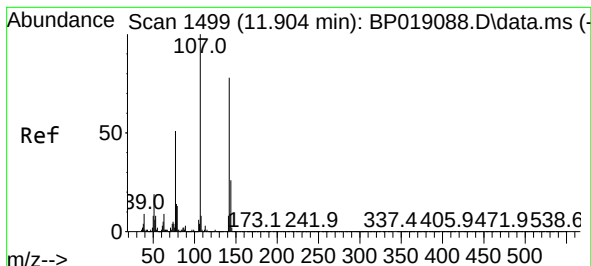
Tgt Ion:225 Resp: 269921
Ion Ratio Lower Upper
225 100
223 61.5 49.5 74.3
227 63.7 50.9 76.3



#34
Caprolactam
Concen: 26.513 ng/ul
RT: 11.557 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

Tgt Ion:113 Resp: 95038
Ion Ratio Lower Upper
113 100
55 156.9 133.7 200.5
56 115.5 97.4 146.2

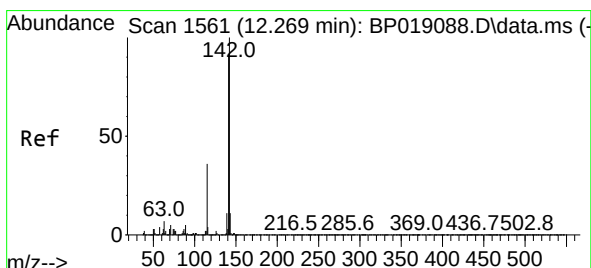
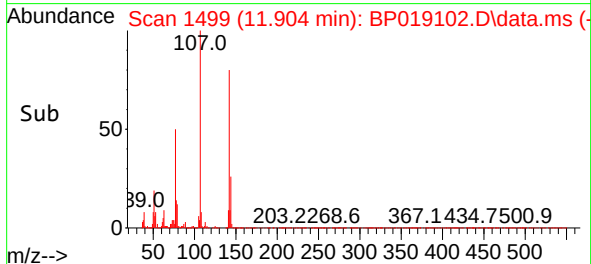
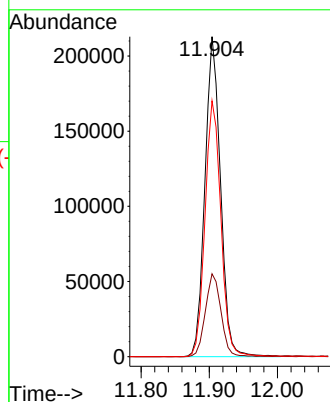
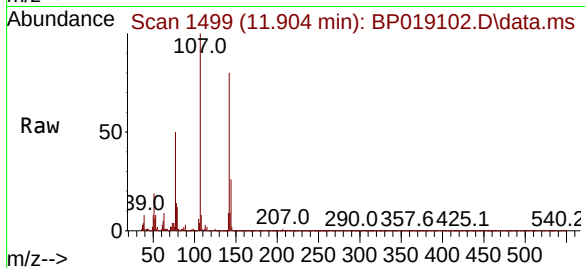




#35
4-Chloro-3-methylphenol
Concen: 25.849 ng/ul
RT: 11.904 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

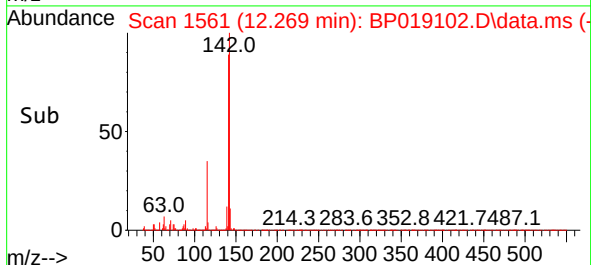
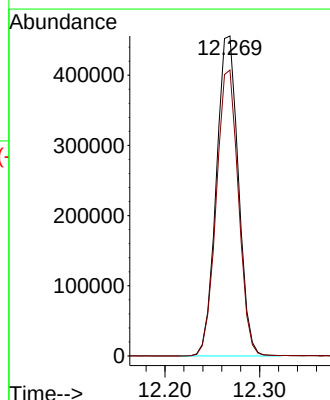
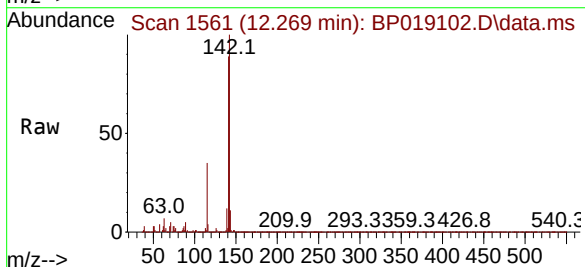
Instrument :
BNA_P
ClientSampleId :
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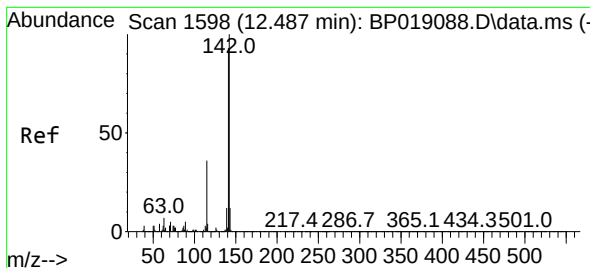
Tgt Ion:107 Resp: 338520
Ion Ratio Lower Upper
107 100
144 25.9 21.0 31.6
142 80.0 63.6 95.4



#36
2-Methylnaphthalene
Concen: 26.716 ng/ul
RT: 12.269 min Scan# 1561
Delta R.T. -0.000 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

Tgt Ion:142 Resp: 738512
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.0





#37

1-Methylnaphthalene

Concen: 25.856 ng/ul

RT: 12.486 min Scan# 1598

Delta R.T. -0.000 min

Lab File: BP019102.D

Acq: 27 Dec 2023 02:16

Instrument :

BNA_P

ClientSampleId :

SLCS030

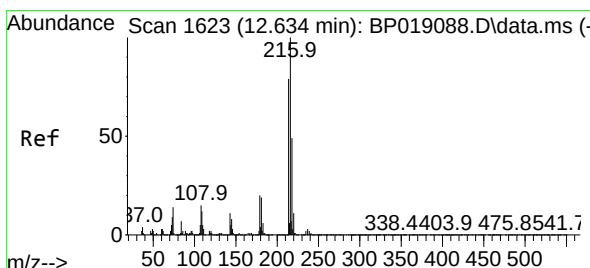
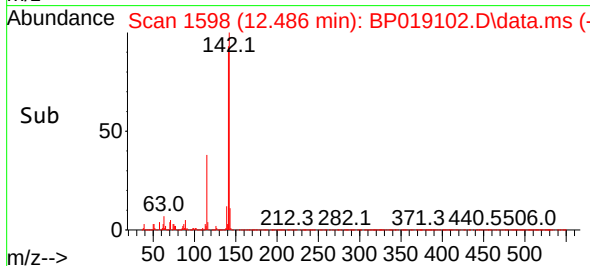
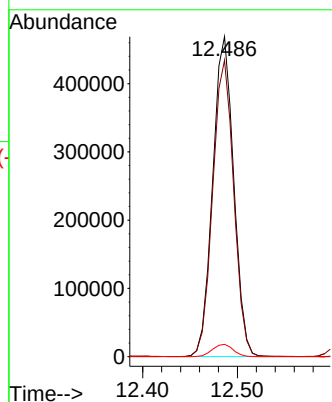
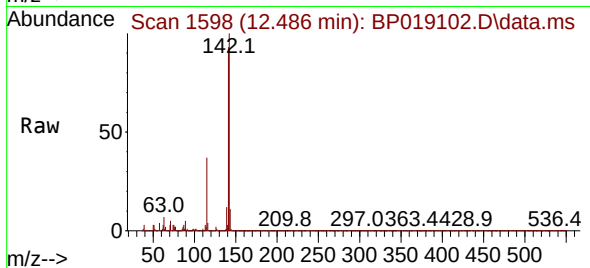
Tgt Ion:142 Resp: 721802

Ion Ratio Lower Upper

142 100

141 92.6 73.5 110.3

116 3.8 2.8 4.2



#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.129 ng/ul

RT: 12.633 min Scan# 1623

Delta R.T. -0.000 min

Lab File: BP019102.D

Acq: 27 Dec 2023 02:16

Tgt Ion:216 Resp: 463784

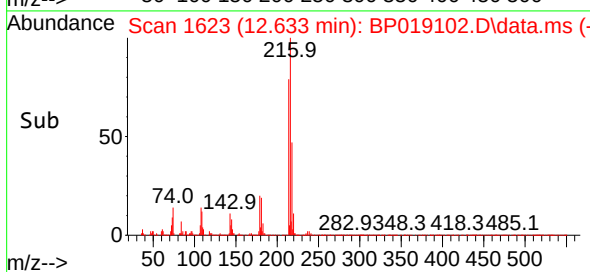
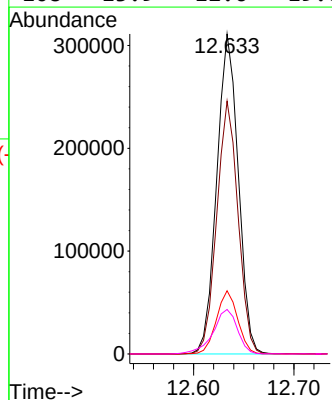
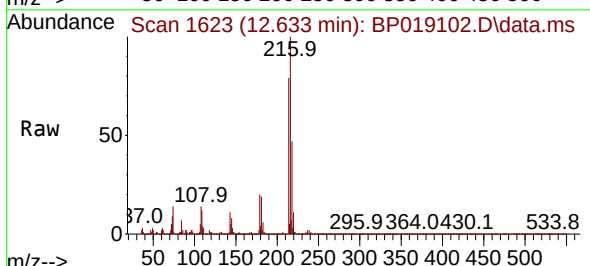
Ion Ratio Lower Upper

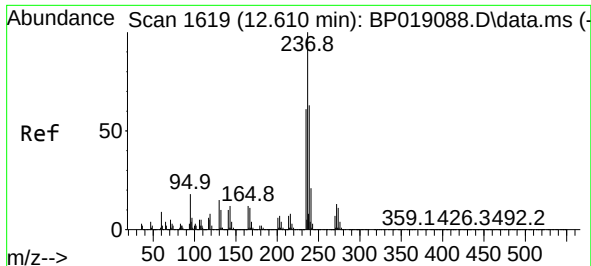
216 100

214 79.0 63.9 95.9

179 19.8 16.3 24.5

108 13.9 12.6 19.0

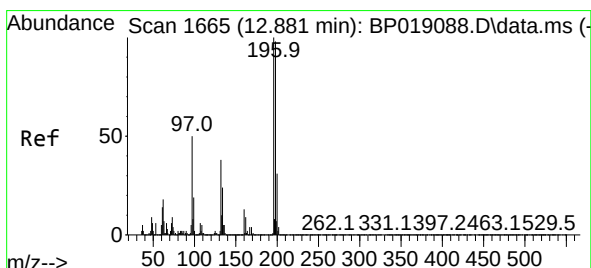
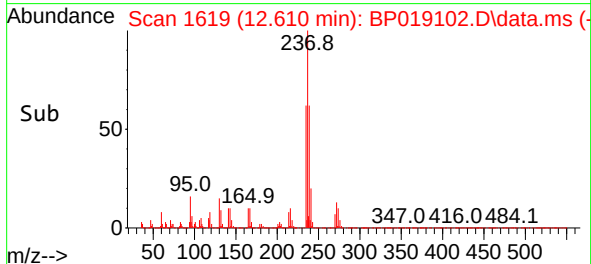
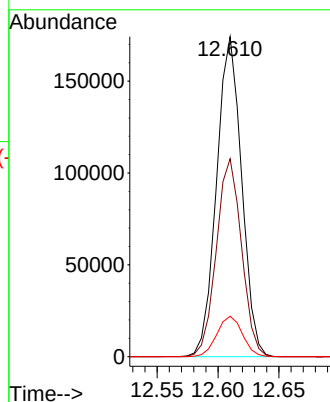
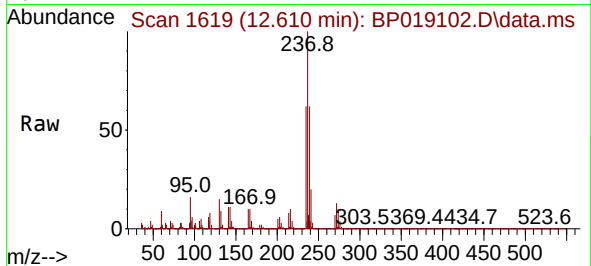




#40
Hexachlorocyclopentadiene
Concen: 30.980 ng/ul
RT: 12.610 min Scan# 1619
Delta R.T. -0.000 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

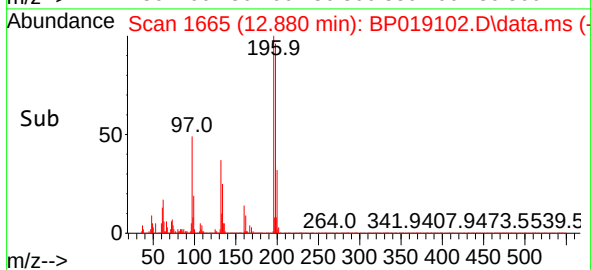
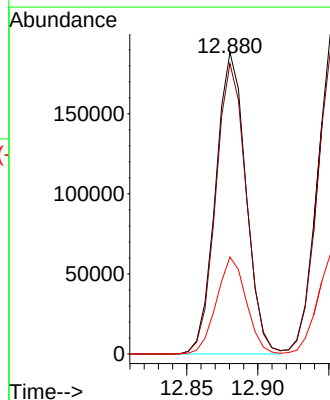
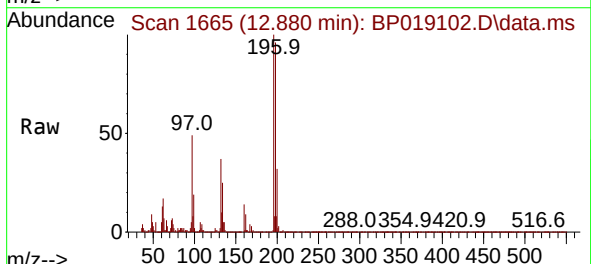
Instrument :
BNA_P
ClientSampleId :
SLCS030

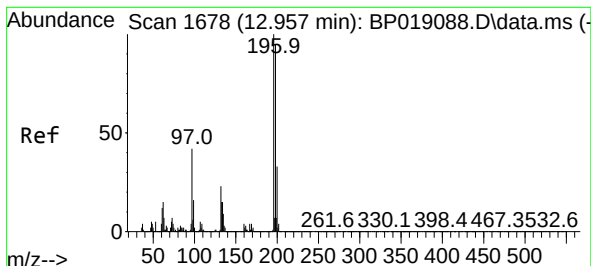
Tgt Ion:237 Resp: 249532
Ion Ratio Lower Upper
237 100
235 61.8 49.4 74.0
272 12.6 9.8 14.8



#41
2,4,6-Trichlorophenol
Concen: 32.003 ng/ul
RT: 12.880 min Scan# 1665
Delta R.T. -0.000 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

Tgt Ion:196 Resp: 279760
Ion Ratio Lower Upper
196 100
198 96.3 76.9 115.3
200 32.1 25.0 37.6





#42

2,4,5-Trichlorophenol

Concen: 31.984 ng/ul

RT: 12.951 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019102.D

Acq: 27 Dec 2023 02:16

Instrument :

BNA_P

ClientSampleId :

SLCS030

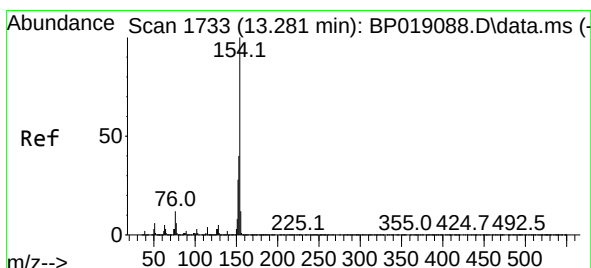
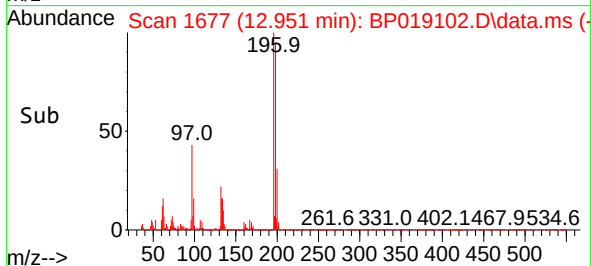
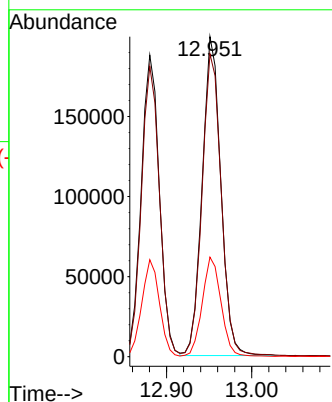
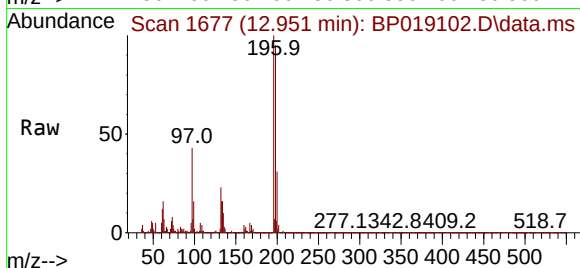
Tgt Ion:196 Resp: 303120

Ion Ratio Lower Upper

196 100

198 94.6 77.9 116.9

200 31.1 25.2 37.8



#43

1,1'-Biphenyl

Concen: 29.893 ng/ul

RT: 13.280 min Scan# 1733

Delta R.T. -0.000 min

Lab File: BP019102.D

Acq: 27 Dec 2023 02:16

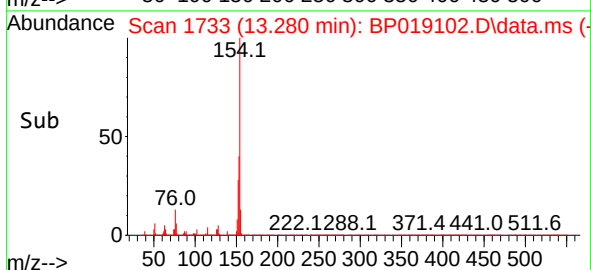
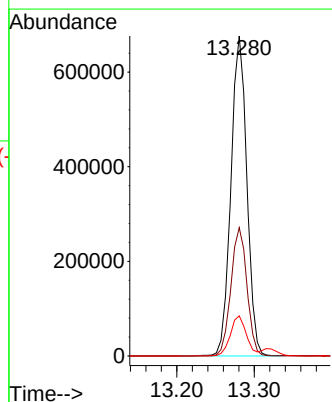
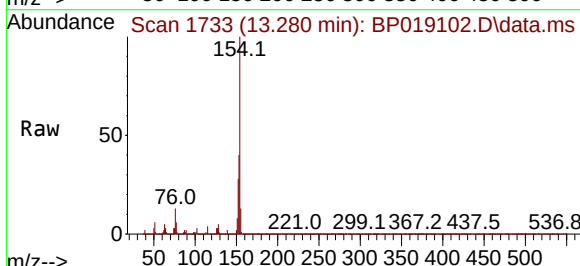
Tgt Ion:154 Resp: 968315

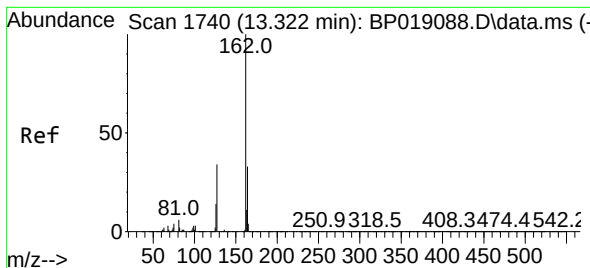
Ion Ratio Lower Upper

154 100

153 40.1 32.8 49.2

76 12.6 10.7 16.1





#44

2-Chloronaphthalene

Concen: 30.659 ng/ul

RT: 13.322 min Scan# 1740

Delta R.T. -0.000 min

Lab File: BP019102.D

Acq: 27 Dec 2023 02:16

Instrument :

BNA_P

ClientSampleId :

SLCS030

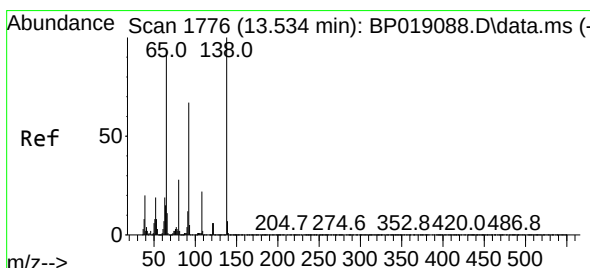
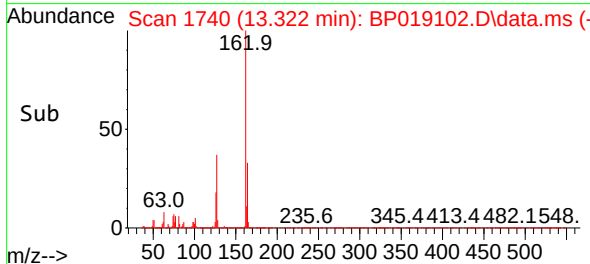
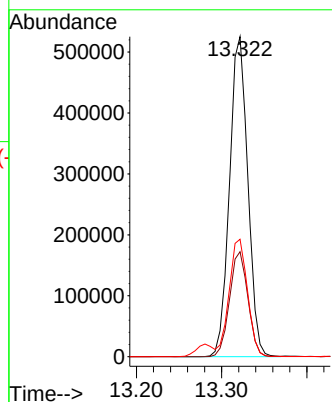
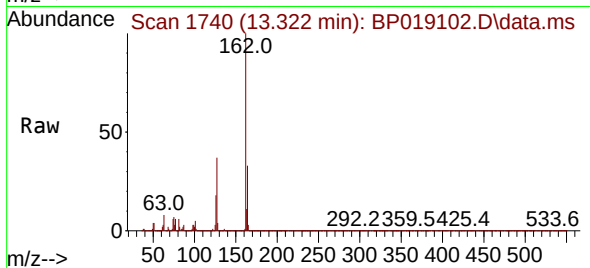
Tgt Ion:162 Resp: 784380

Ion Ratio Lower Upper

162 100

164 32.8 25.7 38.5

127 36.7 30.3 45.5



#45

2-Nitroaniline

Concen: 28.599 ng/ul

RT: 13.533 min Scan# 1776

Delta R.T. -0.000 min

Lab File: BP019102.D

Acq: 27 Dec 2023 02:16

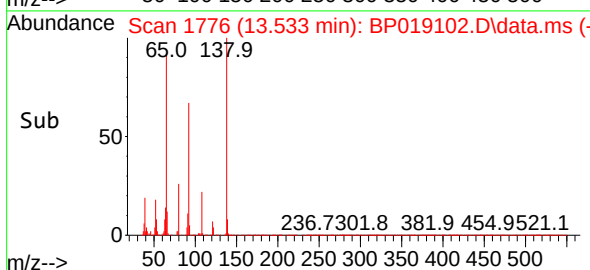
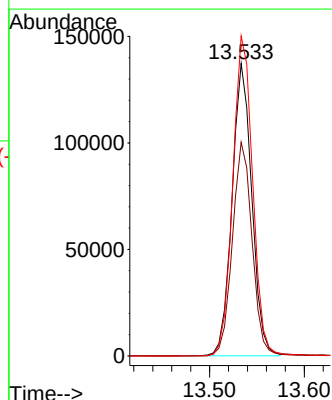
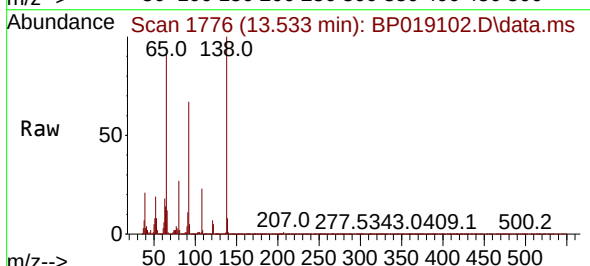
Tgt Ion: 65 Resp: 198352

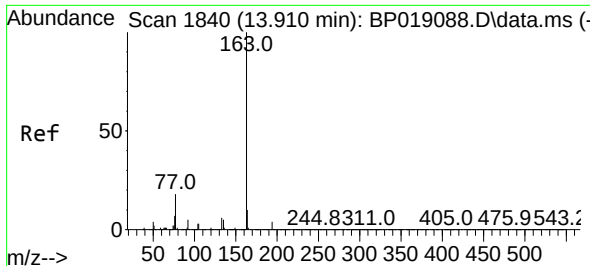
Ion Ratio Lower Upper

65 100

92 73.1 56.9 85.3

138 109.4 88.2 132.2

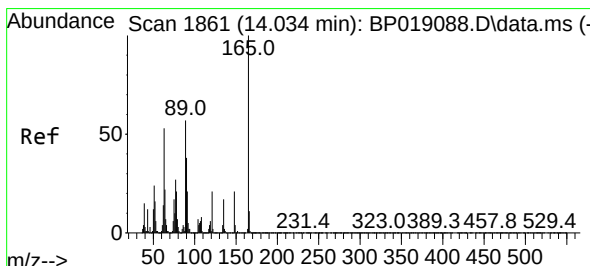
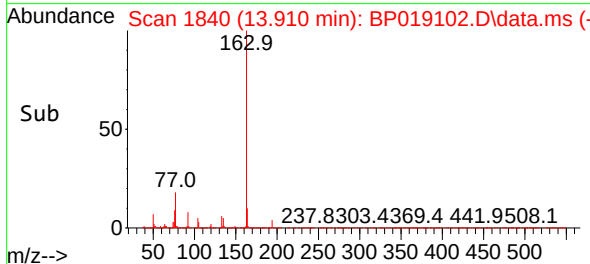
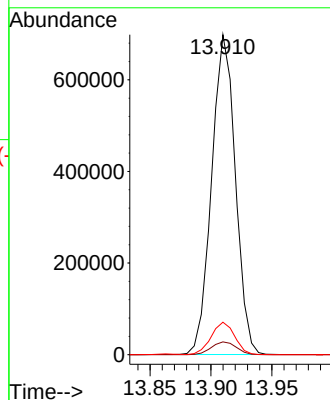
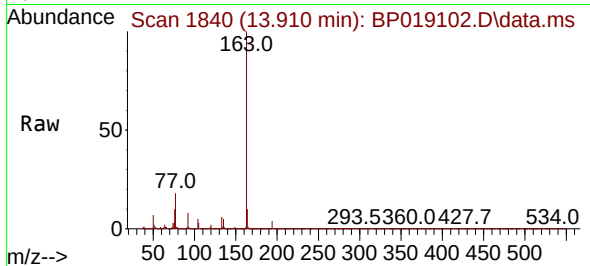




#47
Dimethylphthalate
Concen: 28.750 ng/ul
RT: 13.910 min Scan# 1840
Delta R.T. -0.000 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

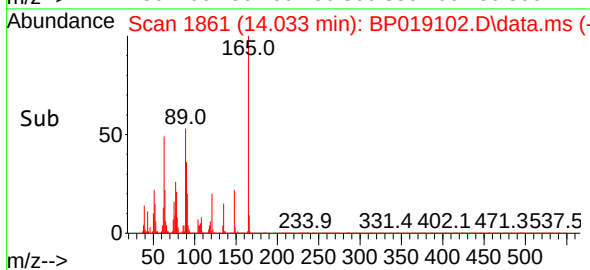
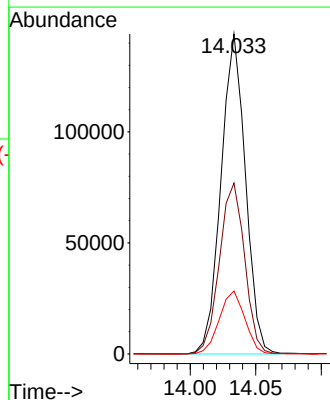
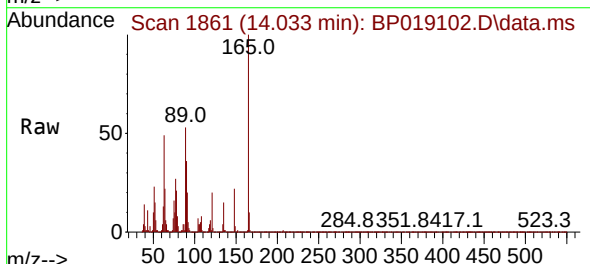
Instrument :
BNA_P
ClientSampleId :
SLCS030

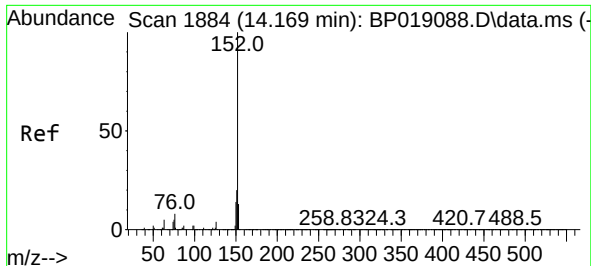
Tgt Ion:163 Resp: 946026
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.1 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 30.000 ng/ul
RT: 14.033 min Scan# 1861
Delta R.T. -0.000 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

Tgt Ion:165 Resp: 186505
Ion Ratio Lower Upper
165 100
89 53.4 46.6 70.0
121 19.7 17.3 25.9

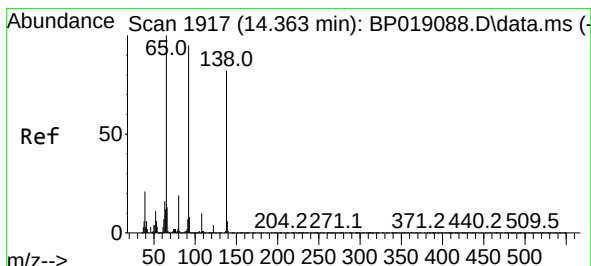
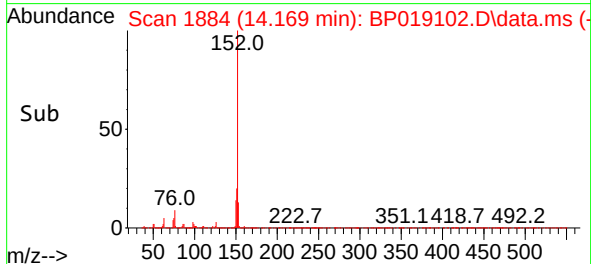
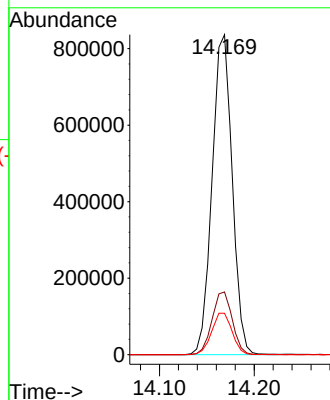
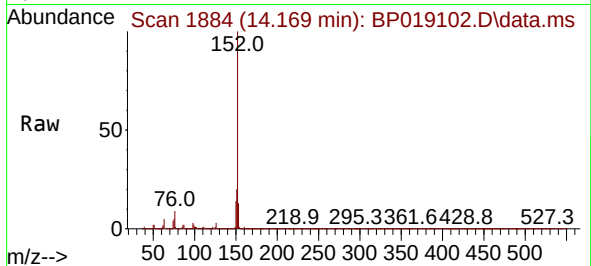




#50
Acenaphthylene
Concen: 29.833 ng/ul
RT: 14.169 min Scan# 1884
Delta R.T. -0.000 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

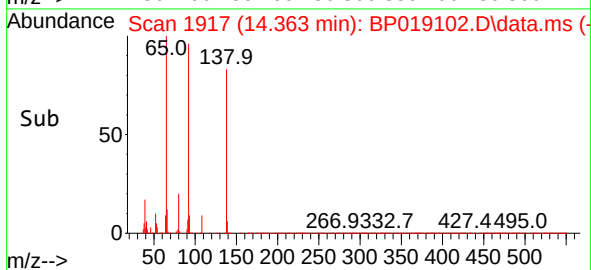
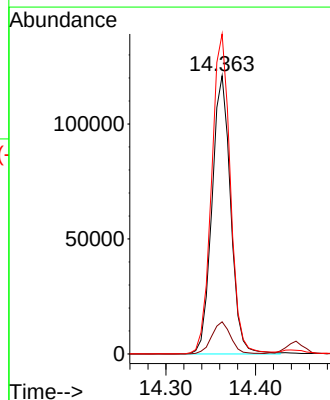
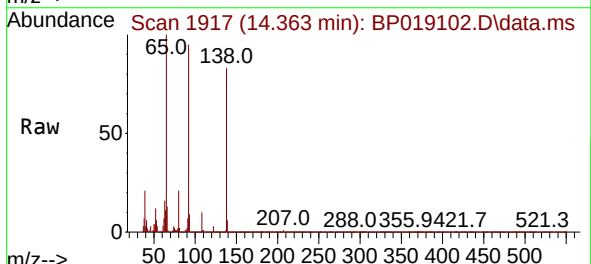
Instrument :
BNA_P
ClientSampleId :
SLCS030

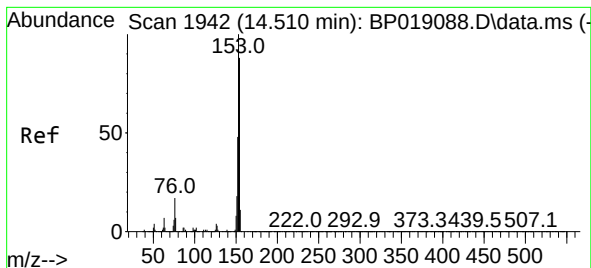
Tgt Ion:152 Resp: 1234645
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 13.0 10.6 16.0



#51
3-Nitroaniline
Concen: 28.130 ng/ul
RT: 14.363 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

Tgt Ion:138 Resp: 174570
Ion Ratio Lower Upper
138 100
108 11.5 9.5 14.3
92 115.0 93.1 139.7





#52

Acenaphthene

Concen: 29.671 ng/ul

RT: 14.510 min Scan# 1942

Delta R.T. -0.000 min

Lab File: BP019102.D

Acq: 27 Dec 2023 02:16

Instrument :

BNA_P

ClientSampleId :

SLCS030

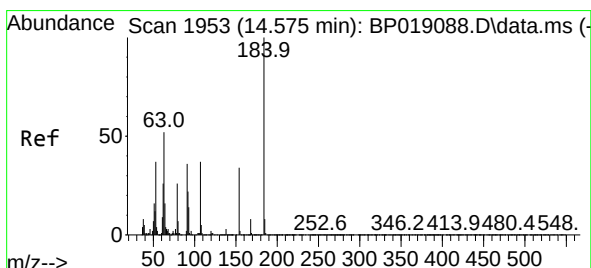
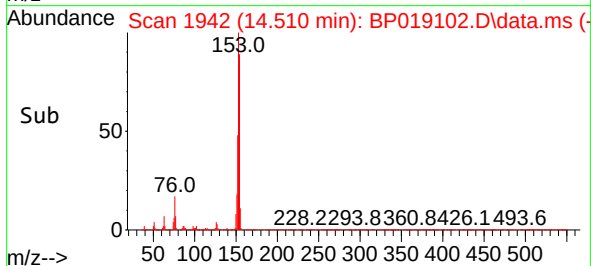
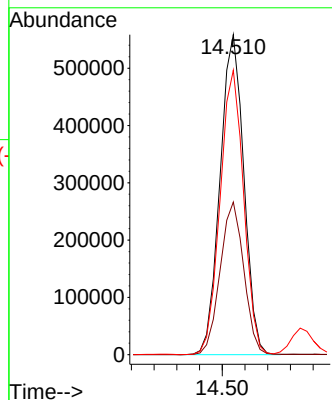
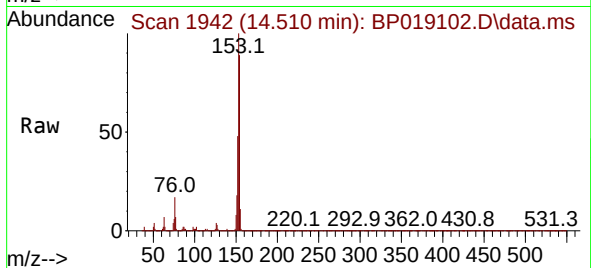
Tgt Ion:153 Resp: 811891

Ion Ratio Lower Upper

153 100

152 47.7 38.1 57.1

154 88.9 71.7 107.5



#53

2,4-Dinitrophenol

Concen: 31.924 ng/ul

RT: 14.569 min Scan# 1952

Delta R.T. -0.006 min

Lab File: BP019102.D

Acq: 27 Dec 2023 02:16

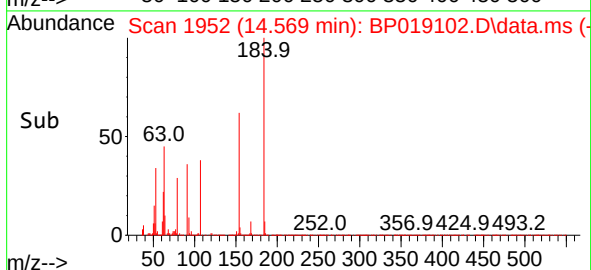
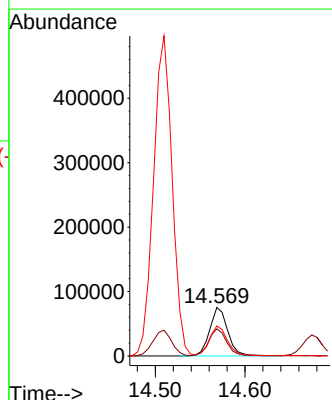
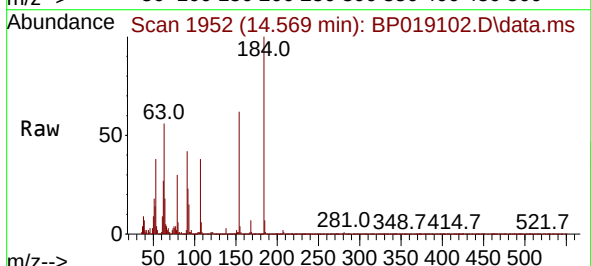
Tgt Ion:184 Resp: 105186

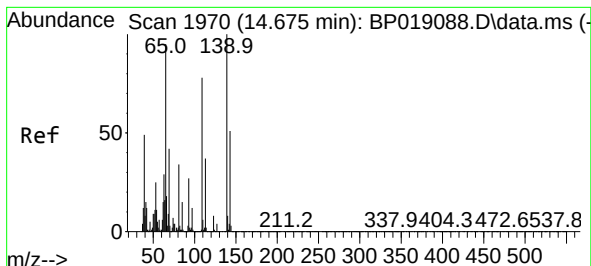
Ion Ratio Lower Upper

184 100

63 56.1 48.2 72.4

154 61.8 49.1 73.7

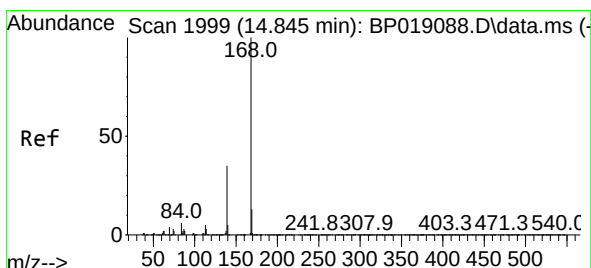
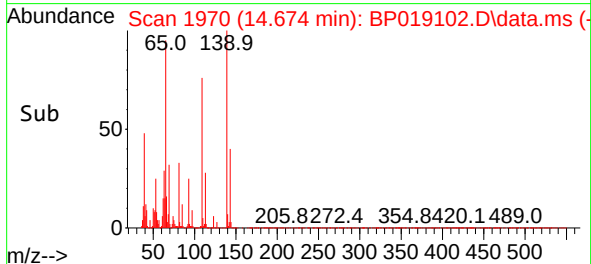
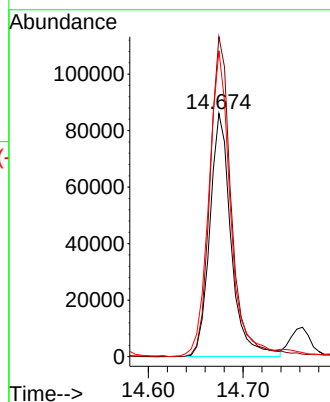
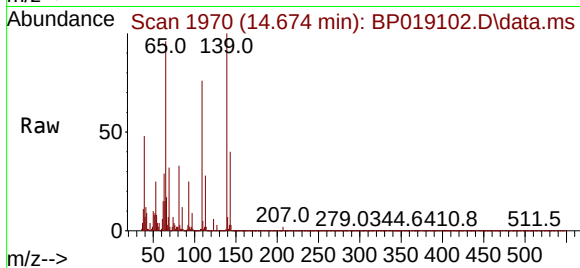




#55
4-Nitrophenol
Concen: 32.352 ng/ul
RT: 14.674 min Scan# 1970
Delta R.T. -0.000 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

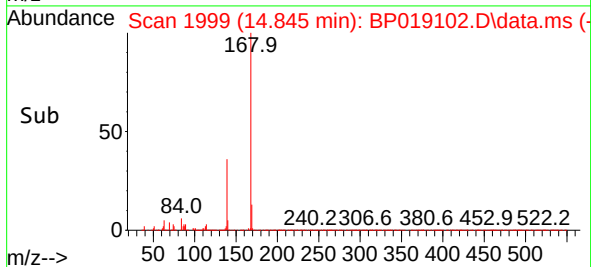
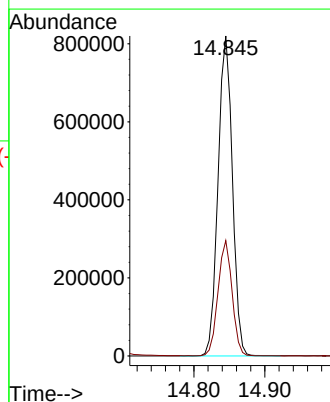
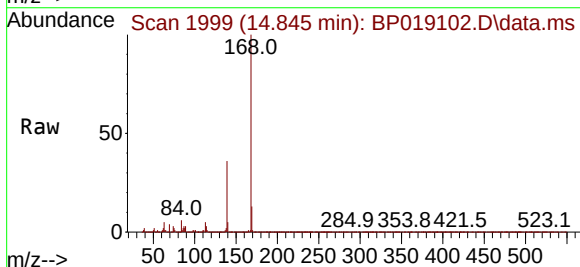
Instrument :
BNA_P
ClientSampleId :
SLCS030

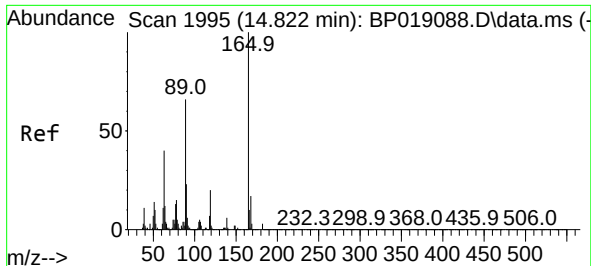
Tgt Ion:109 Resp: 134117
Ion Ratio Lower Upper
109 100
139 131.6 109.0 163.4
65 125.8 106.2 159.4



#56
Dibenzofuran
Concen: 30.114 ng/ul
RT: 14.845 min Scan# 1999
Delta R.T. -0.000 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

Tgt Ion:168 Resp: 1145271
Ion Ratio Lower Upper
168 100
139 36.1 29.1 43.7

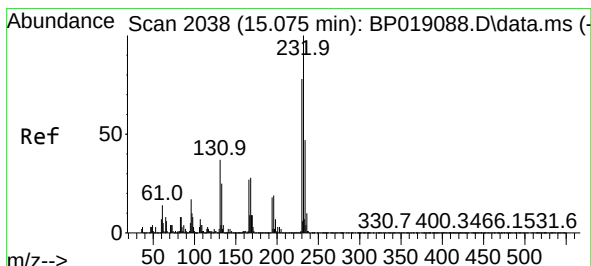
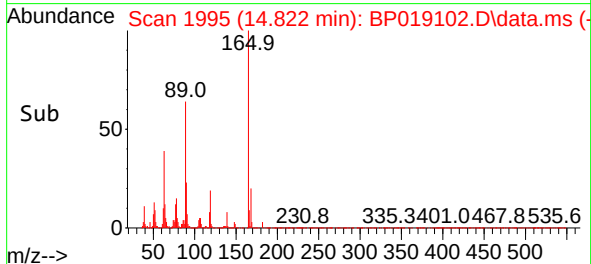
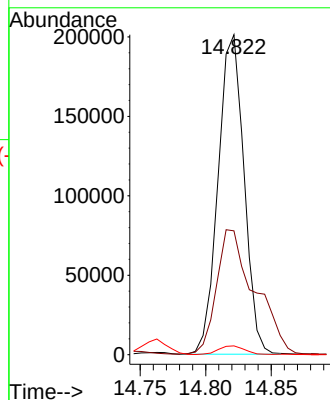
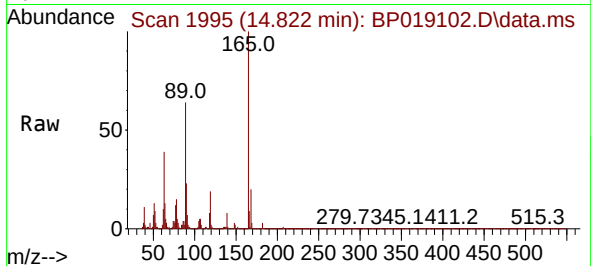




#57
2,4-Dinitrotoluene
Concen: 31.600 ng/ul
RT: 14.822 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

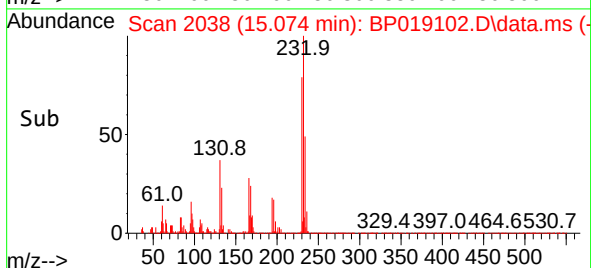
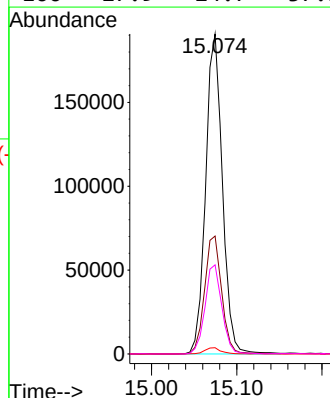
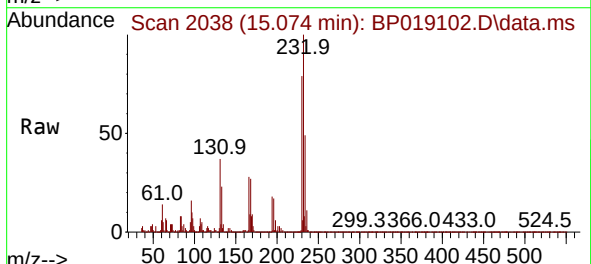
Instrument :
BNA_P
ClientSampleId :
SLCS030

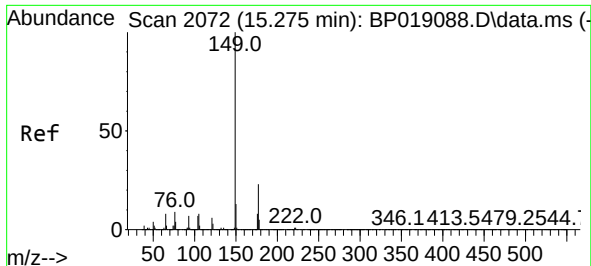
Tgt Ion:165 Resp: 276339
Ion Ratio Lower Upper
165 100
63 38.7 32.7 49.1
182 2.8 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 32.765 ng/ul
RT: 15.074 min Scan# 2038
Delta R.T. -0.000 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

Tgt Ion:232 Resp: 260471
Ion Ratio Lower Upper
232 100
131 36.9 33.8 50.8
130 1.9 1.8 2.8
166 27.9 24.7 37.1

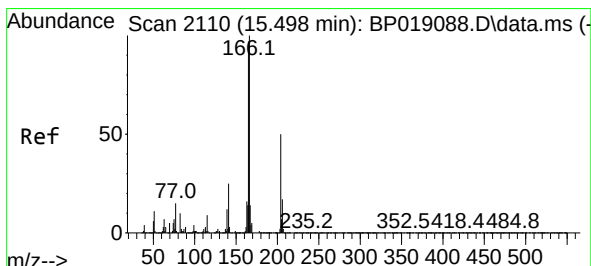
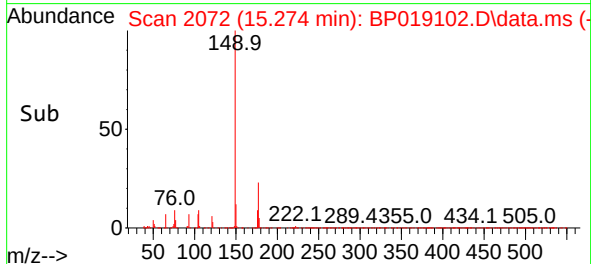
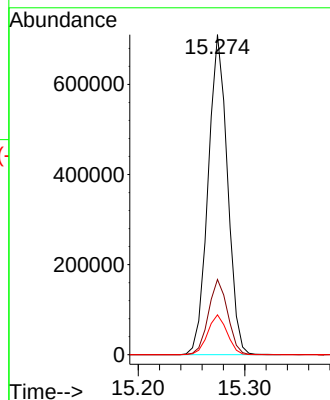
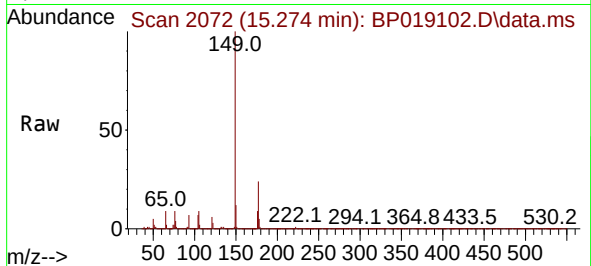




#59
Diethylphthalate
Concen: 27.776 ng/ul
RT: 15.274 min Scan# 2072
Delta R.T. -0.000 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

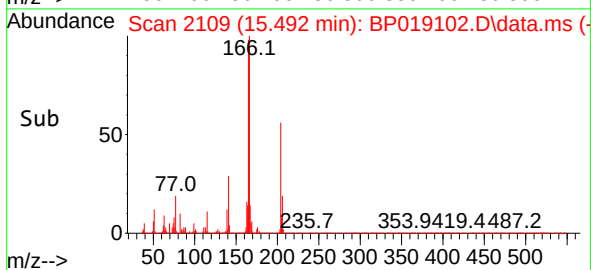
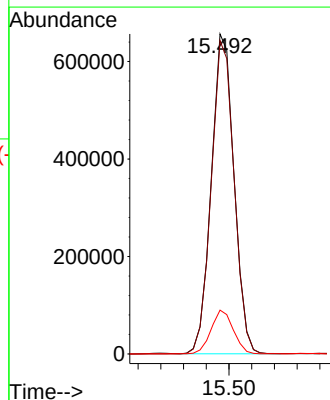
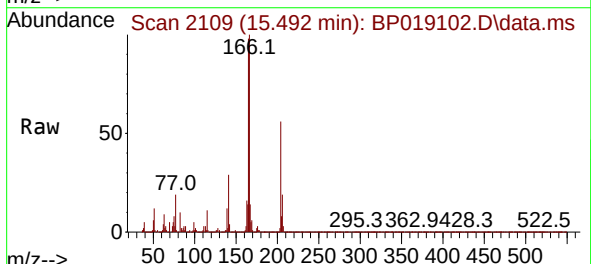
Instrument :
BNA_P
ClientSampleId :
SLCS030

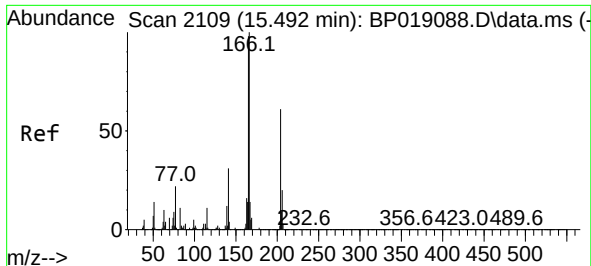
Tgt Ion:149 Resp: 894386
Ion Ratio Lower Upper
149 100
177 23.5 18.2 27.4
150 12.5 9.9 14.9



#61
Fluorene
Concen: 30.292 ng/ul
RT: 15.492 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

Tgt Ion:166 Resp: 911567
Ion Ratio Lower Upper
166 100
165 97.9 78.0 117.0
167 13.7 10.8 16.2

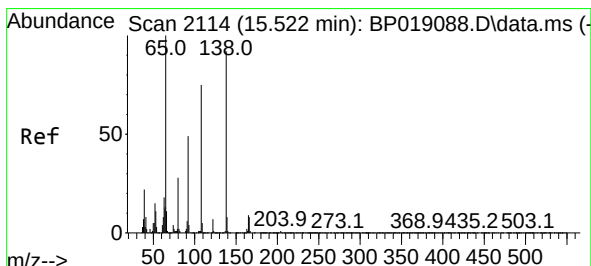
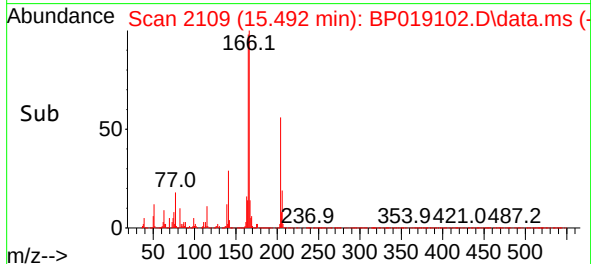
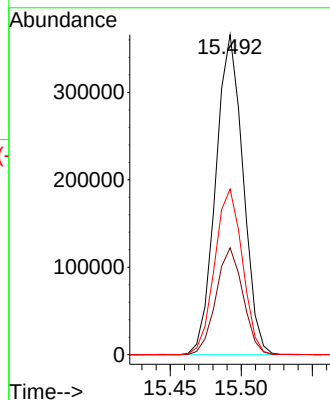
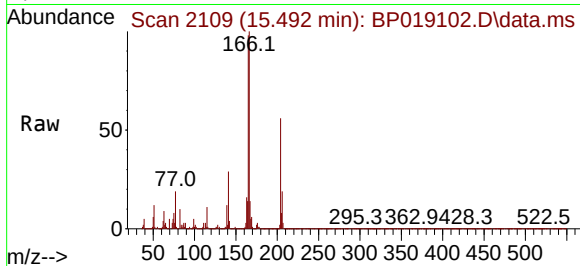




#62
4-Chlorophenyl-phenylether
Concen: 31.037 ng/ul
RT: 15.492 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

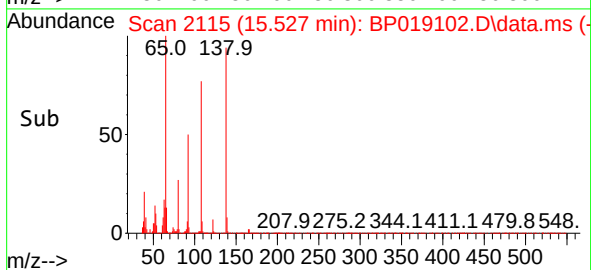
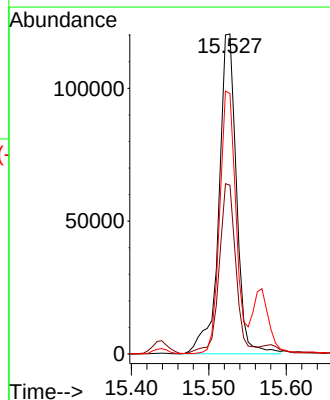
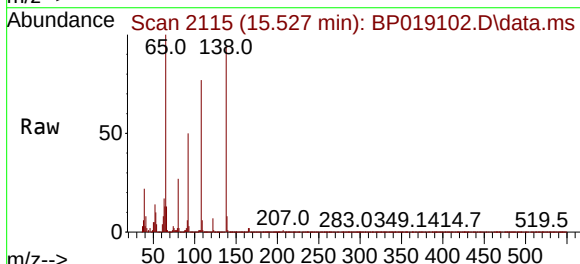
Instrument :
BNA_P
ClientSampleId :
SLCS030

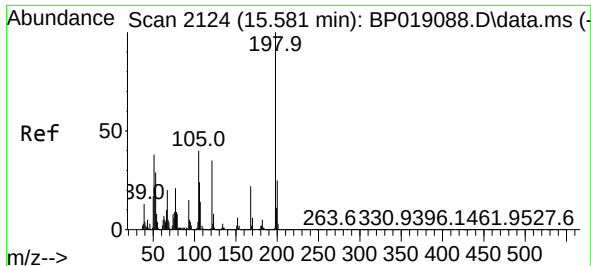
Tgt Ion:204 Resp: 489850
Ion Ratio Lower Upper
204 100
206 33.4 27.1 40.7
141 51.8 45.8 68.8



#63
4-Nitroaniline
Concen: 32.311 ng/ul
RT: 15.527 min Scan# 2115
Delta R.T. 0.005 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

Tgt Ion:138 Resp: 191025
Ion Ratio Lower Upper
138 100
92 52.8 42.3 63.5
108 81.4 62.0 93.0

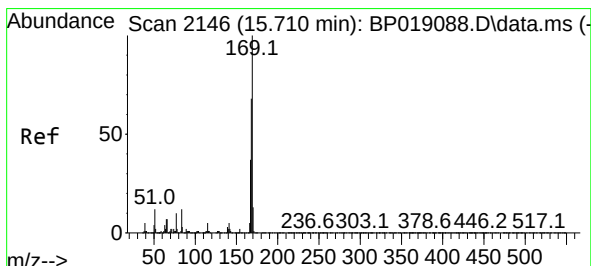
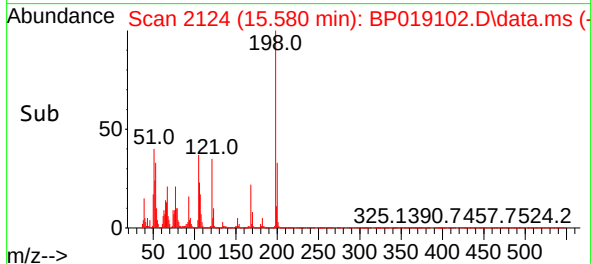
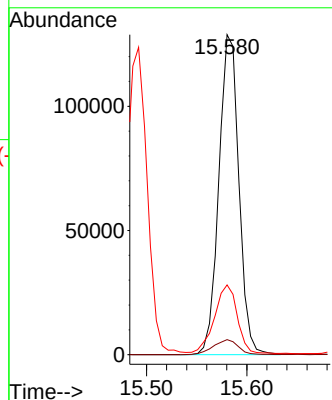
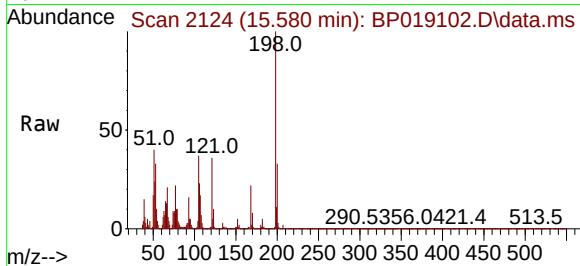




#66
4,6-Dinitro-2-methylphenol
Concen: 33.739 ng/ul
RT: 15.580 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

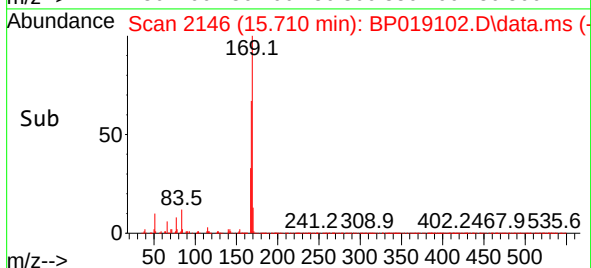
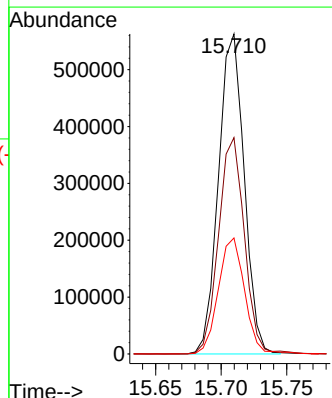
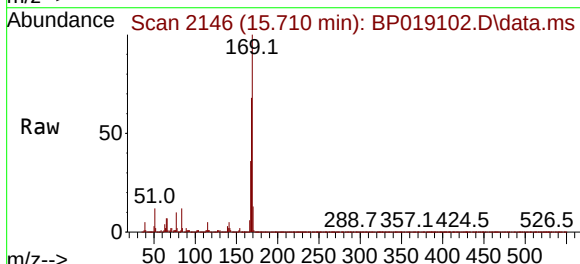
Instrument :
BNA_P
ClientSampleId :
SLCS030

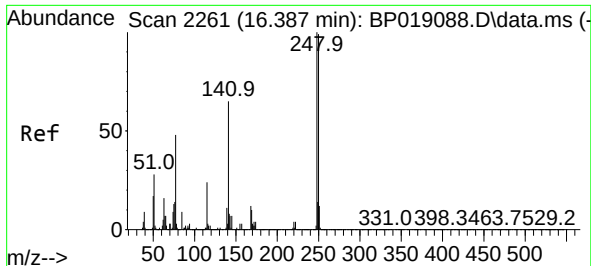
Tgt Ion:198 Resp: 178797
Ion Ratio Lower Upper
198 100
182 4.7 3.4 5.2
77 21.8 20.6 30.8



#67
N-Nitrosodiphenylamine
Concen: 27.976 ng/ul
RT: 15.710 min Scan# 2146
Delta R.T. -0.000 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

Tgt Ion:169 Resp: 766338
Ion Ratio Lower Upper
169 100
168 67.6 53.1 79.7
167 36.3 29.1 43.7

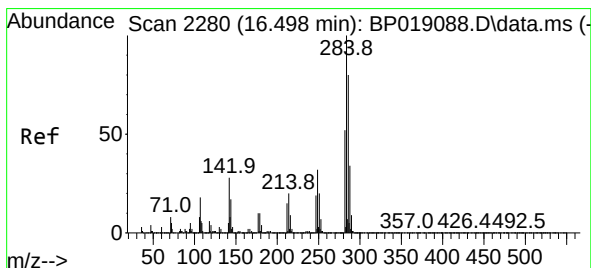
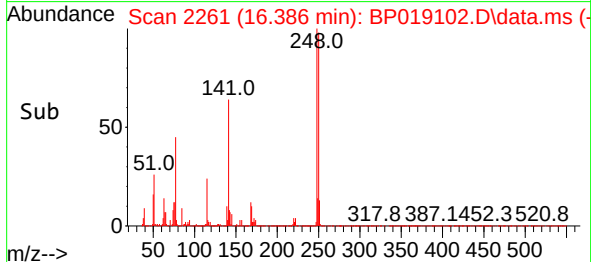
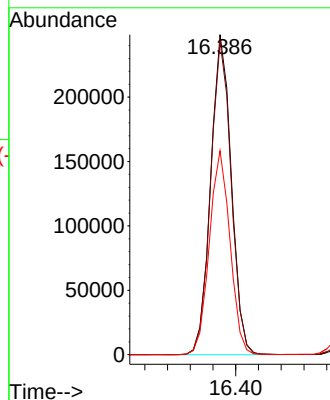
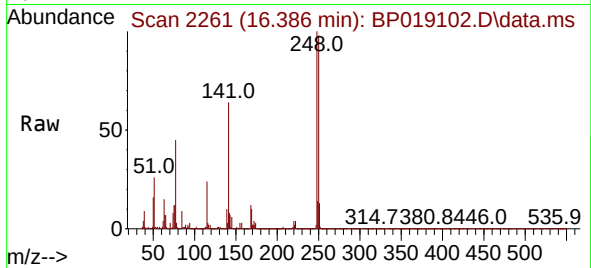




#68
4-Bromophenyl-phenylether
Concen: 29.994 ng/ul
RT: 16.386 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

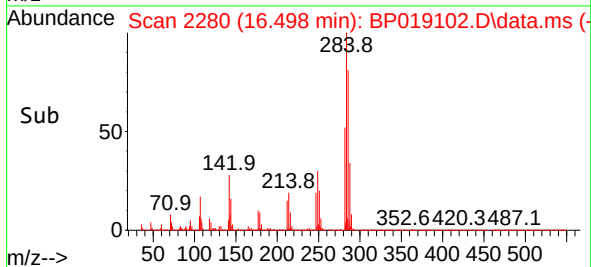
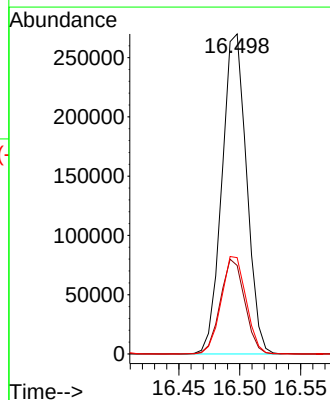
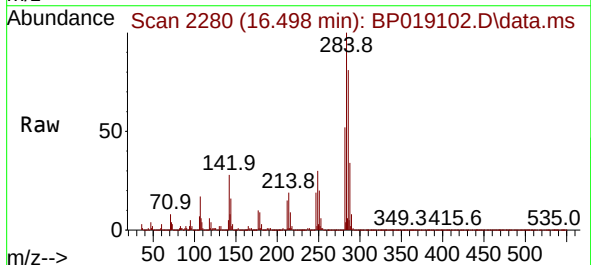
Instrument :
BNA_P
ClientSampleId :
SLCS030

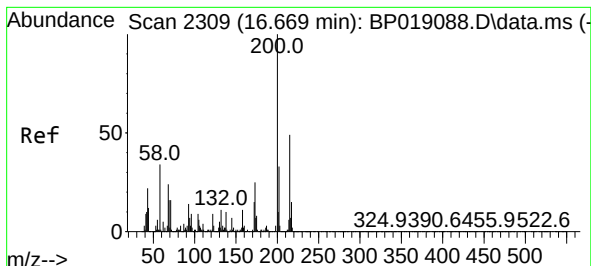
Tgt Ion:248 Resp: 313029
Ion Ratio Lower Upper
248 100
250 98.0 79.3 118.9
141 63.8 57.2 85.8



#69
Hexachlorobenzene
Concen: 32.643 ng/ul
RT: 16.498 min Scan# 2280
Delta R.T. -0.000 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

Tgt Ion:284 Resp: 380362
Ion Ratio Lower Upper
284 100
142 27.6 25.8 38.6
249 30.1 24.9 37.3





#70

Atrazine

Concen: 34.317 ng/ul

RT: 16.668 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP019102.D

Acq: 27 Dec 2023 02:16

Instrument :

BNA_P

ClientSampleId :

SLCS030

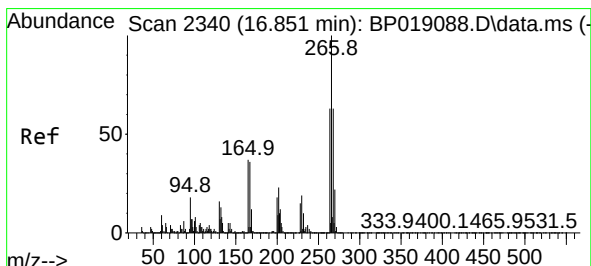
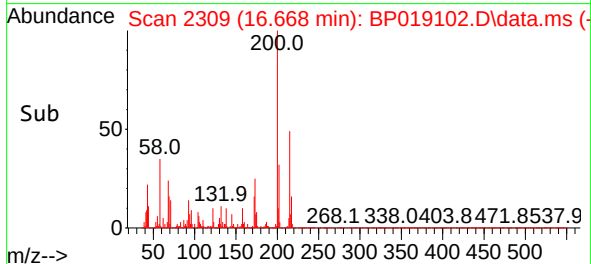
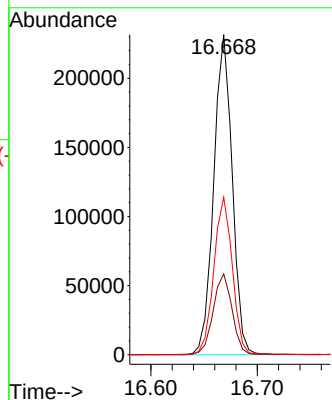
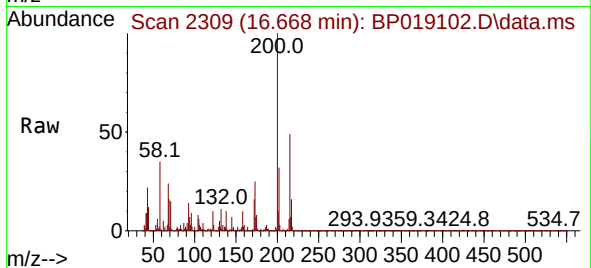
Tgt Ion:200 Resp: 279477

Ion Ratio Lower Upper

200 100

173 25.3 21.0 31.4

215 49.2 38.2 57.2



#71

Pentachlorophenol

Concen: 32.692 ng/ul

RT: 16.845 min Scan# 2339

Delta R.T. -0.006 min

Lab File: BP019102.D

Acq: 27 Dec 2023 02:16

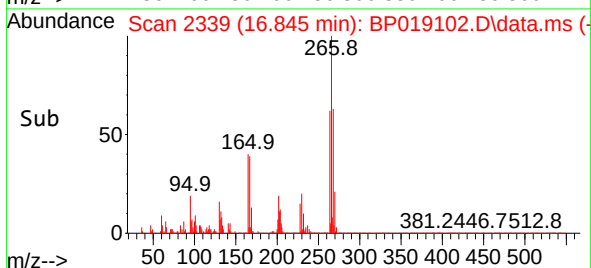
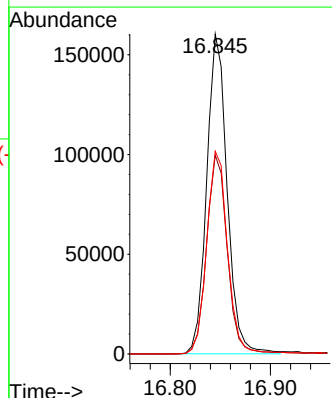
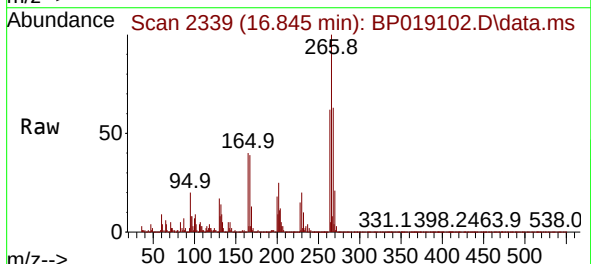
Tgt Ion:266 Resp: 226553

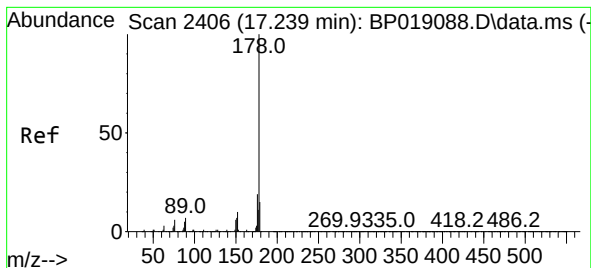
Ion Ratio Lower Upper

266 100

264 62.1 50.2 75.2

268 63.3 50.5 75.7





#72

Phenanthrene

Concen: 30.013 ng/ul

RT: 17.239 min Scan# 2406

Delta R.T. -0.000 min

Lab File: BP019102.D

Acq: 27 Dec 2023 02:16

Instrument :

BNA_P

ClientSampleId :

SLCS030

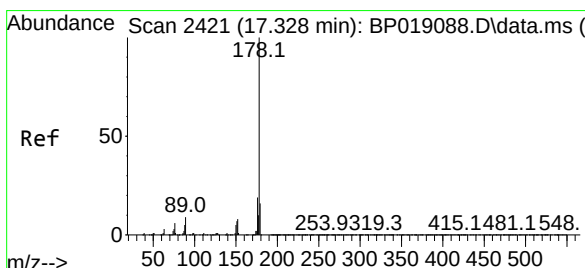
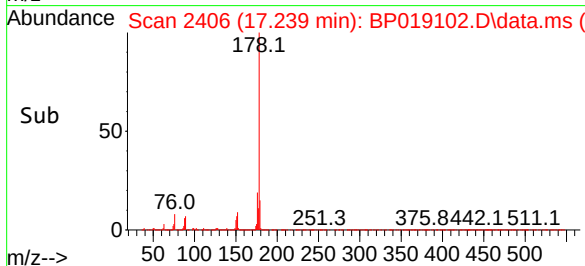
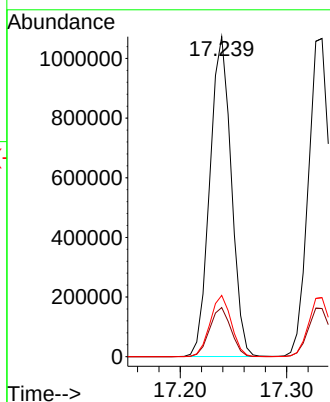
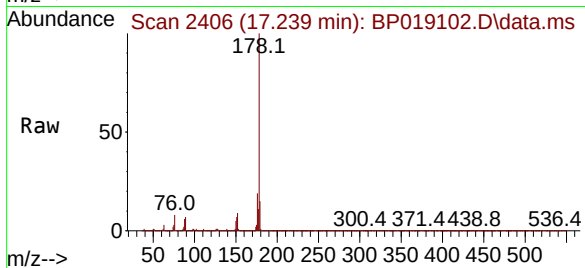
Tgt Ion:178 Resp: 1498450

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

176 19.1 15.4 23.2



#74

Anthracene

Concen: 30.393 ng/ul

RT: 17.333 min Scan# 2422

Delta R.T. 0.005 min

Lab File: BP019102.D

Acq: 27 Dec 2023 02:16

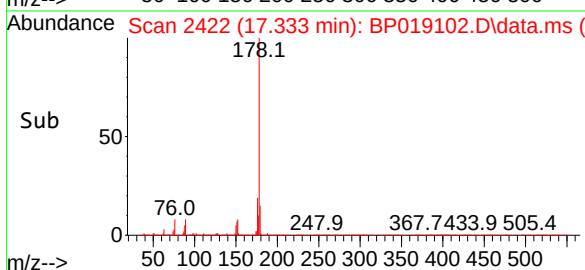
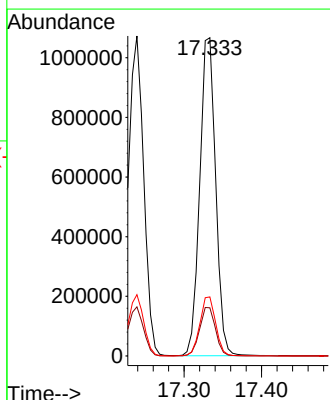
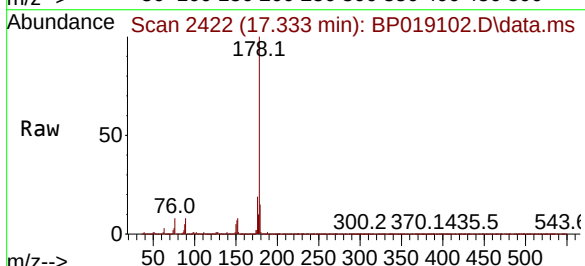
Tgt Ion:178 Resp: 1521039

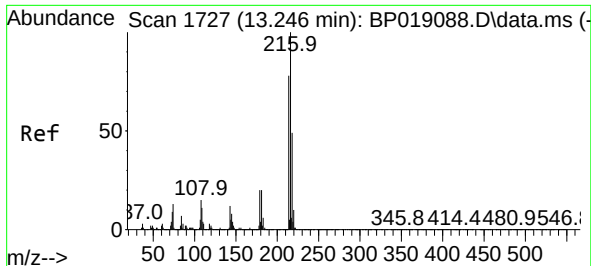
Ion Ratio Lower Upper

178 100

179 15.1 12.5 18.7

176 18.6 15.0 22.6

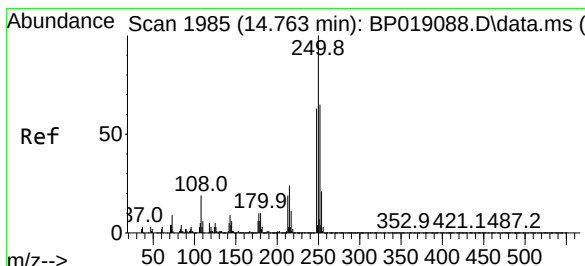
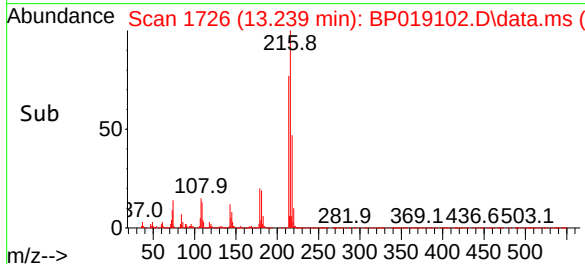
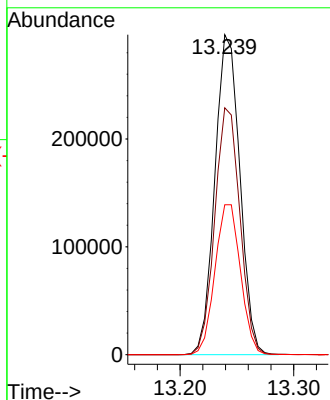
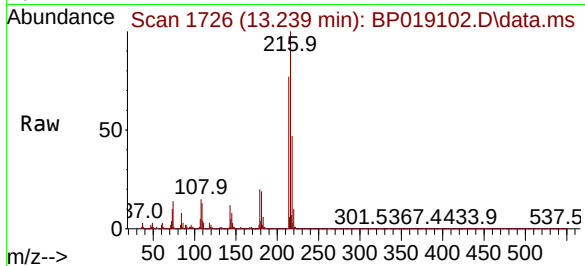




#75
1,2,3,4-Tetrachlorobenzene
Concen: 31.728 ng/uL
RT: 13.239 min Scan# 1726
Delta R.T. -0.006 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

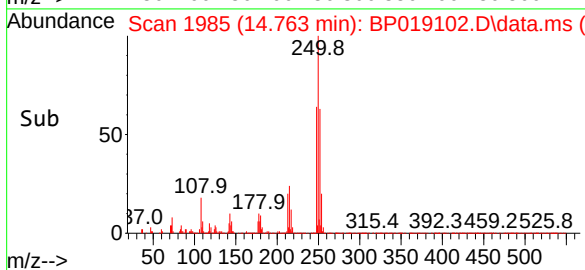
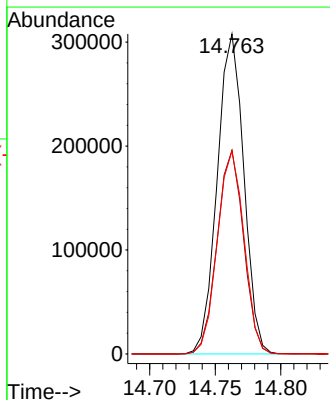
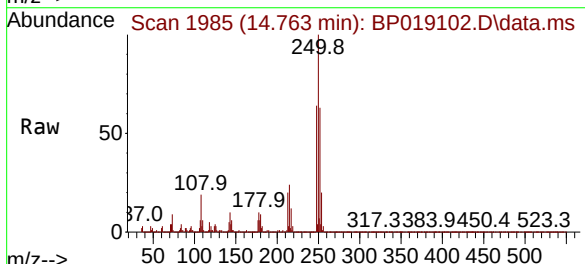
Instrument :
BNA_P
ClientSampleId :
SLCS030

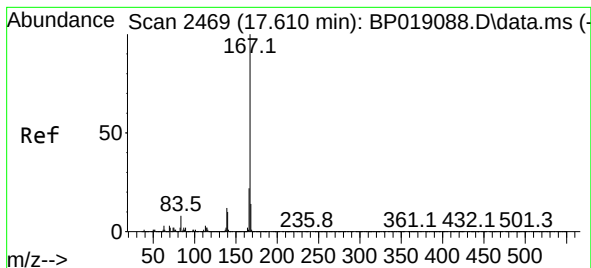
Tgt Ion:216 Resp: 453511
Ion Ratio Lower Upper
216 100
214 77.1 61.4 92.2
218 46.9 39.2 58.8



#76
Pentachlorobenzene
Concen: 30.982 ng/uL
RT: 14.763 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

Tgt Ion:250 Resp: 435013
Ion Ratio Lower Upper
250 100
248 63.7 50.6 75.8
252 63.4 51.3 76.9





#77

Carbazole

Concen: 34.358 ng/ul

RT: 17.610 min Scan# 2469

Delta R.T. -0.000 min

Lab File: BP019102.D

Acq: 27 Dec 2023 02:16

Instrument :

BNA_P

ClientSampleId :

SLCS030

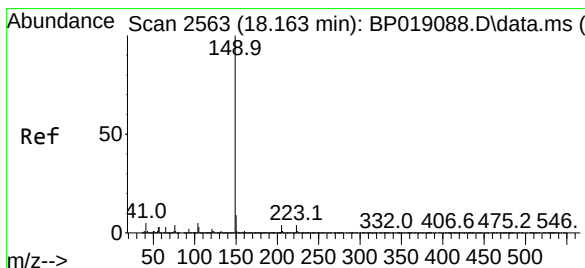
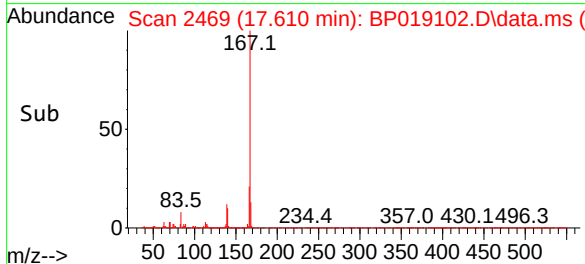
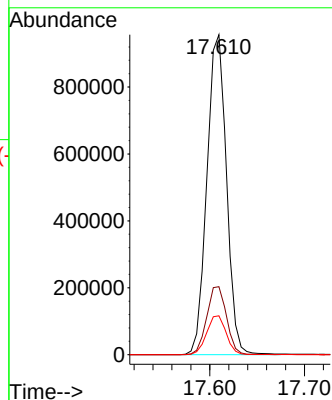
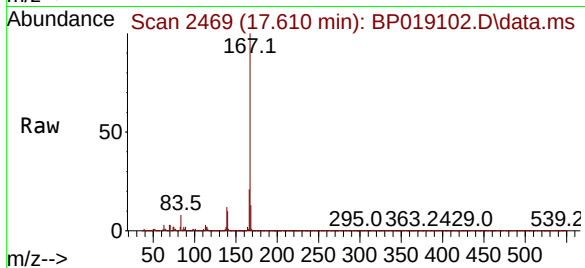
Tgt Ion:167 Resp: 1370395

Ion Ratio Lower Upper

167 100

166 21.3 17.1 25.7

139 12.2 10.2 15.4



#78

Di-n-butylphthalate

Concen: 27.763 ng/ul

RT: 18.163 min Scan# 2563

Delta R.T. -0.000 min

Lab File: BP019102.D

Acq: 27 Dec 2023 02:16

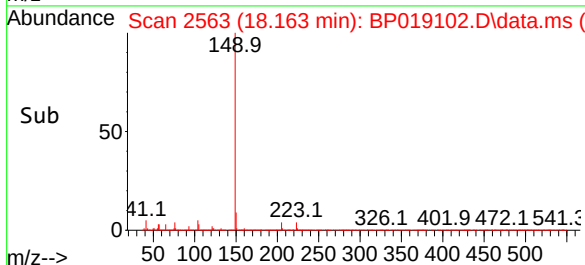
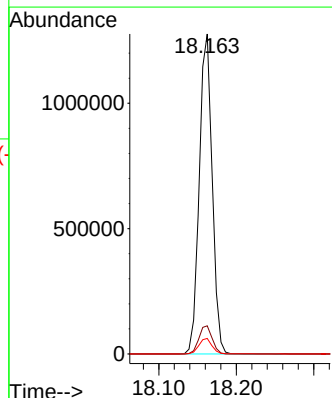
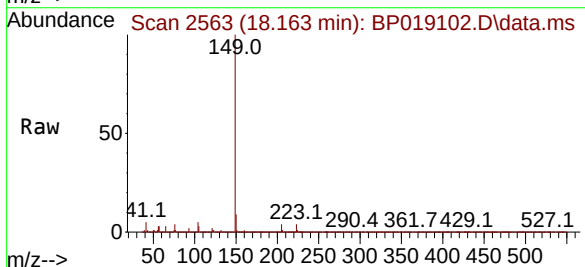
Tgt Ion:149 Resp: 1474478

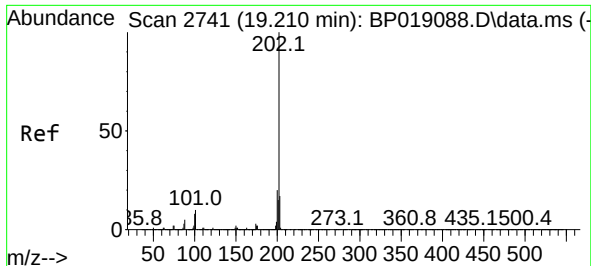
Ion Ratio Lower Upper

149 100

150 8.8 7.4 11.2

104 4.9 3.9 5.9

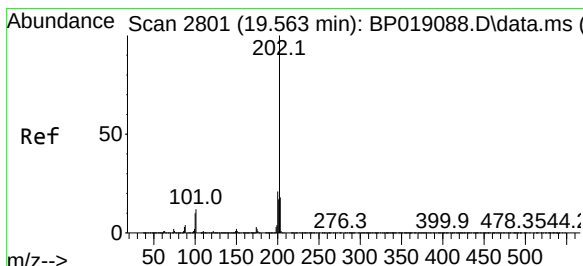
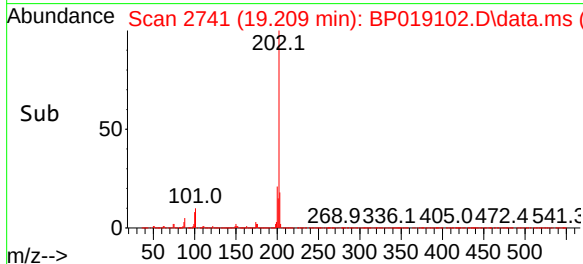
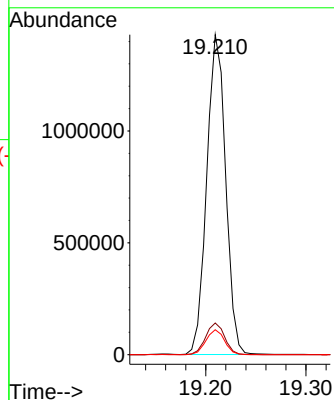
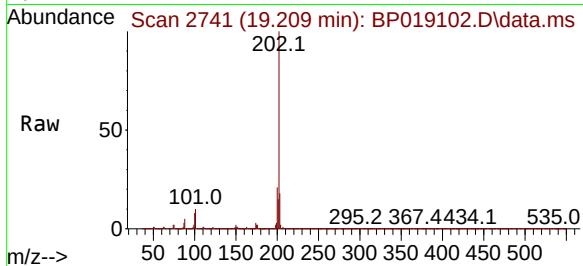




#80
Fluoranthene
Concen: 23.059 ng/u1
RT: 19.209 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

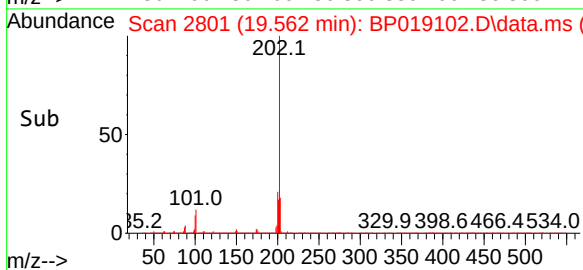
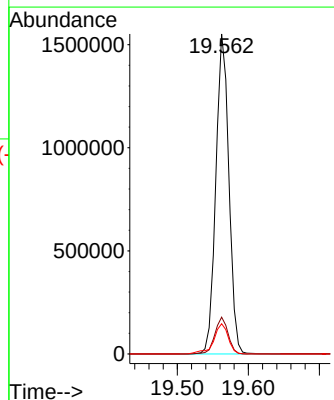
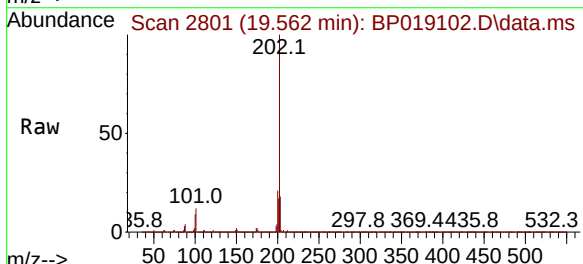
Instrument :
BNA_P
ClientSampleId :
SLCS030

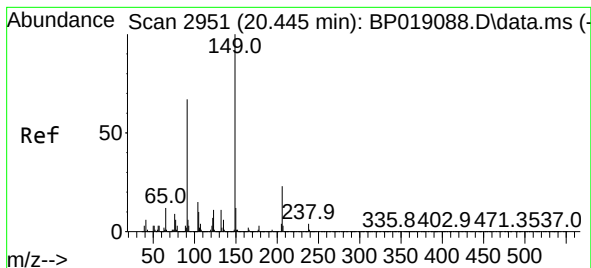
Tgt Ion:202 Resp: 1882994
Ion Ratio Lower Upper
202 100
101 9.9 9.1 13.7
100 7.8 7.1 10.7



#82
Pyrene
Concen: 23.955 ng/u1
RT: 19.562 min Scan# 2801
Delta R.T. -0.000 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

Tgt Ion:202 Resp: 1973346
Ion Ratio Lower Upper
202 100
101 11.5 11.0 16.4
100 9.4 9.1 13.7





#83

Butylbenzylphthalate

Concen: 22.754 ng/ul

RT: 20.445 min Scan# 2951

Delta R.T. -0.000 min

Lab File: BP019102.D

Acq: 27 Dec 2023 02:16

Instrument :

BNA_P

ClientSampleId :

SLCS030

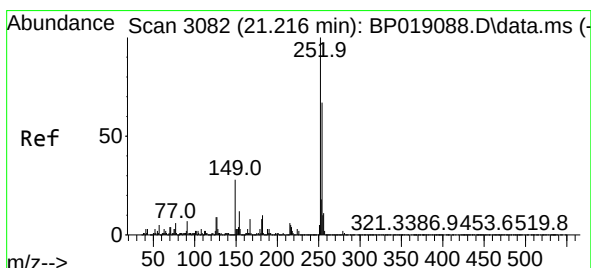
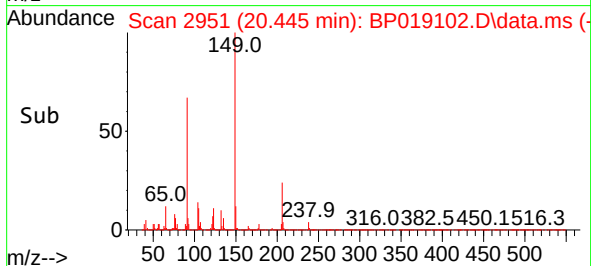
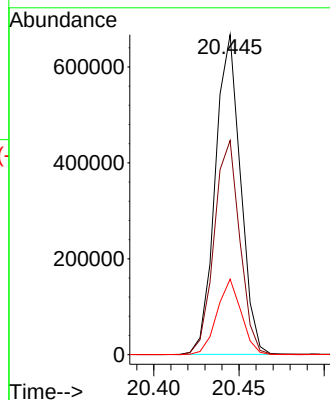
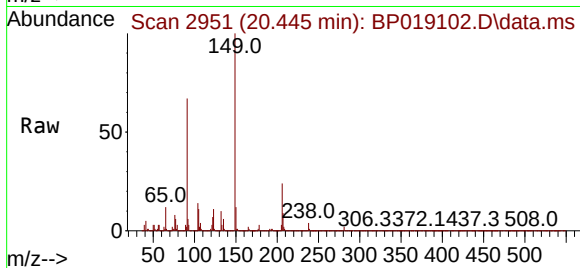
Tgt Ion:149 Resp: 686215

Ion Ratio Lower Upper

149 100

91 67.0 56.6 85.0

206 23.6 17.4 26.0



#84

3,3'-Dichlorobenzidine

Concen: 31.624 ng/ul

RT: 21.215 min Scan# 3082

Delta R.T. -0.000 min

Lab File: BP019102.D

Acq: 27 Dec 2023 02:16

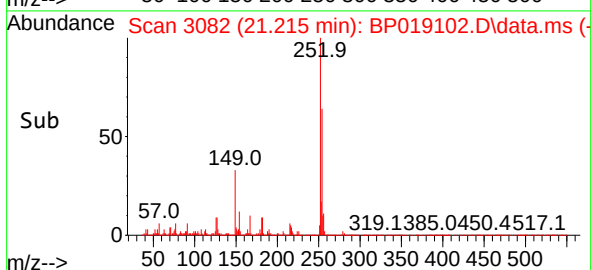
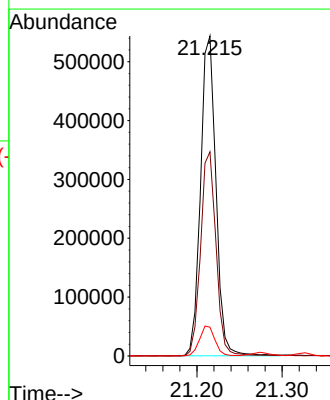
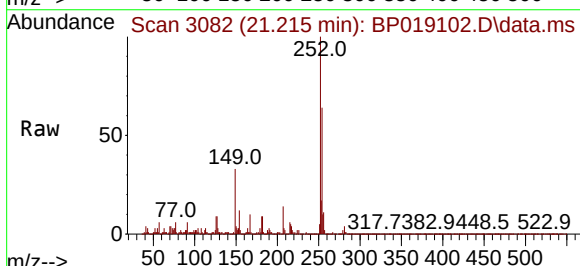
Tgt Ion:252 Resp: 682010

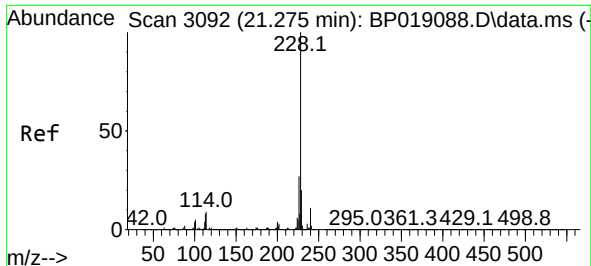
Ion Ratio Lower Upper

252 100

254 63.8 51.0 76.4

126 9.0 7.8 11.6

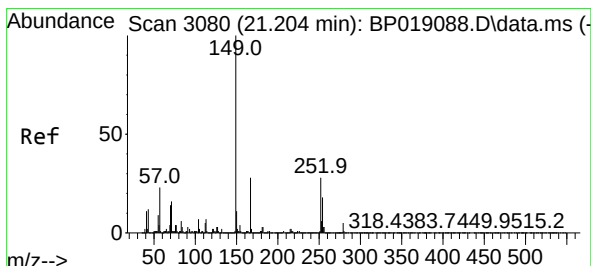
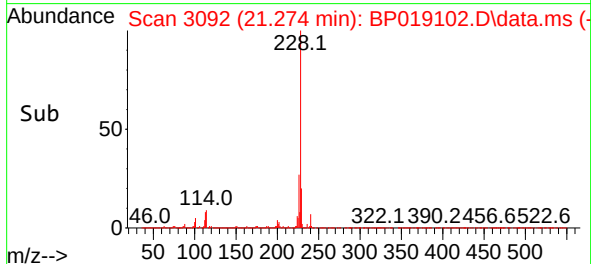
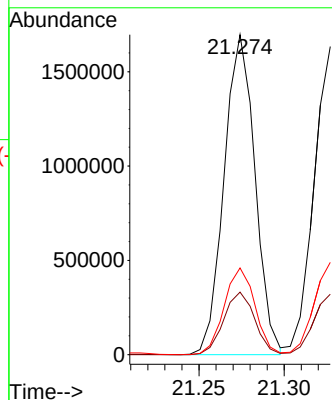
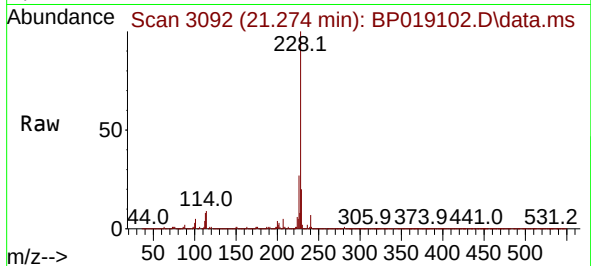




#85
Benzo(a)anthracene
Concen: 29.705 ng/ul
RT: 21.274 min Scan# 3092
Delta R.T. -0.000 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

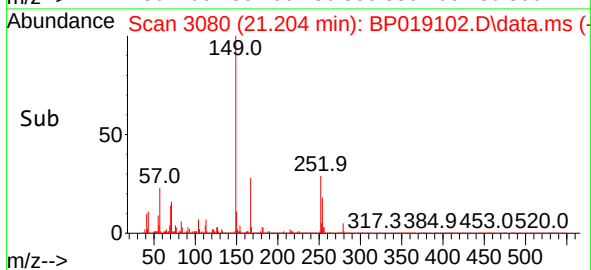
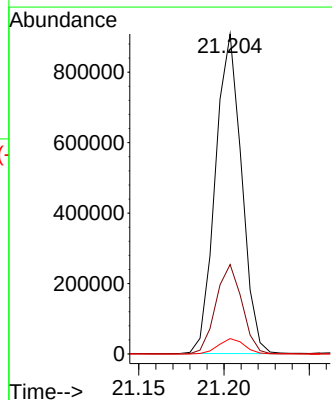
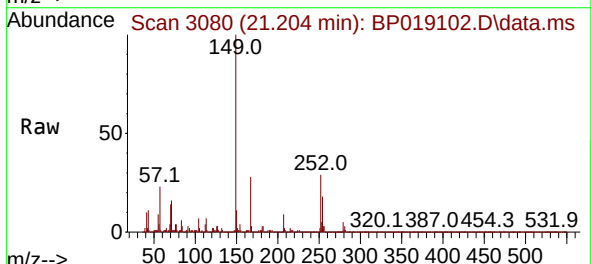
Instrument :
BNA_P
ClientSampleId :
SLCS030

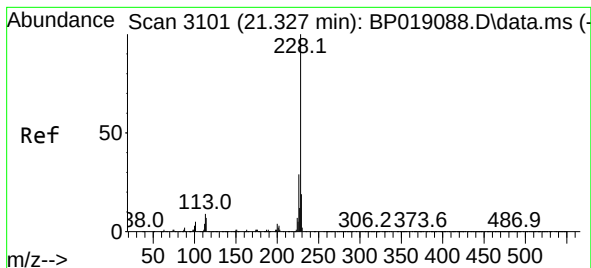
Tgt Ion:228 Resp: 2139779
Ion Ratio Lower Upper
228 100
229 19.5 15.7 23.5
226 27.1 21.9 32.9



#86
Bis(2-ethylhexyl)phthalate
Concen: 23.451 ng/ul
RT: 21.204 min Scan# 3080
Delta R.T. -0.000 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

Tgt Ion:149 Resp: 972064
Ion Ratio Lower Upper
149 100
167 28.0 22.2 33.2
279 4.8 3.3 4.9





#87

Chrysene

Concen: 30.234 ng/ul

RT: 21.327 min Scan# 3101

Delta R.T. -0.000 min

Lab File: BP019102.D

Acq: 27 Dec 2023 02:16

Instrument :

BNA_P

ClientSampleId :

SLCS030

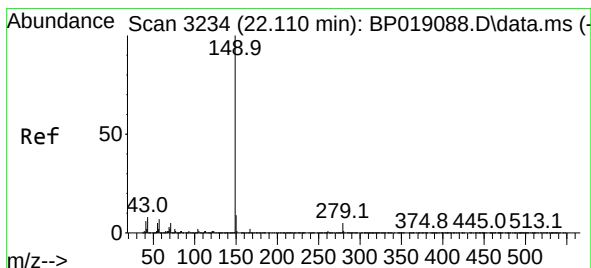
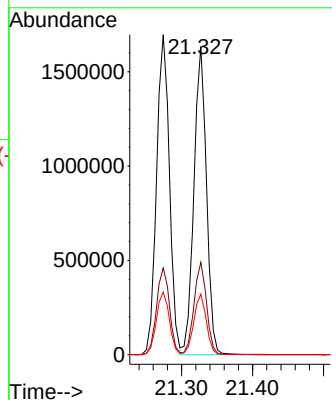
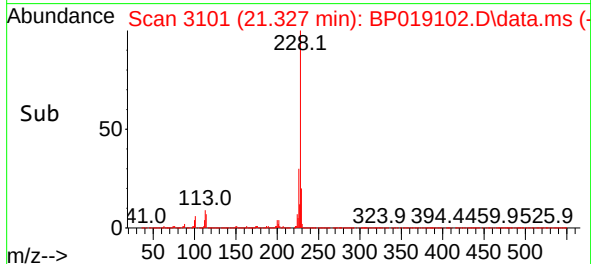
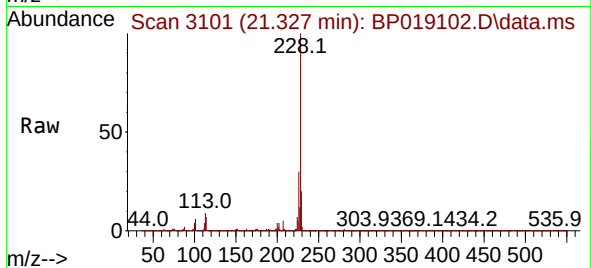
Tgt Ion:228 Resp: 2005616

Ion Ratio Lower Upper

228 100

226 30.0 23.9 35.9

229 19.7 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 22.061 ng/ul

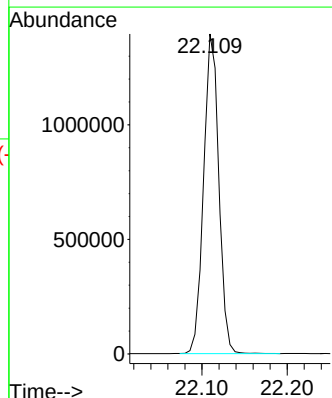
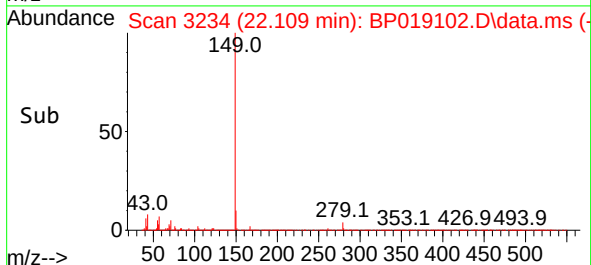
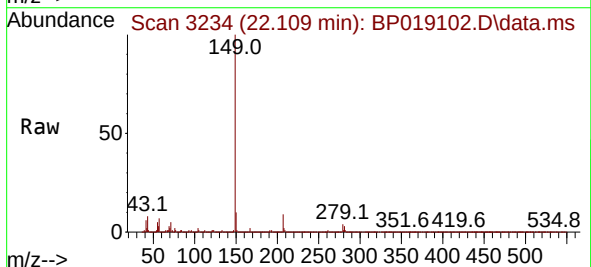
RT: 22.109 min Scan# 3234

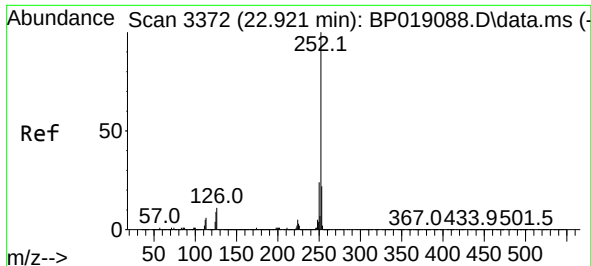
Delta R.T. -0.000 min

Lab File: BP019102.D

Acq: 27 Dec 2023 02:16

Tgt Ion:149 Resp: 1725009

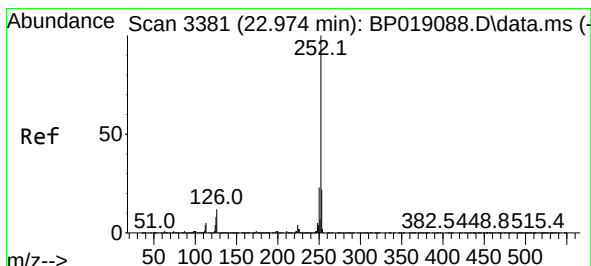
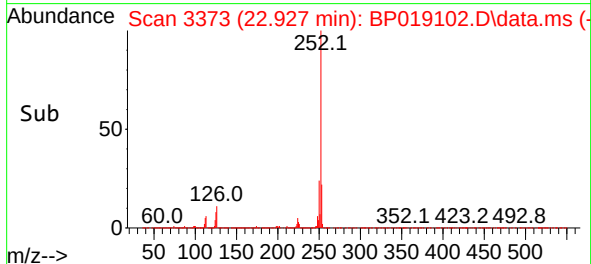
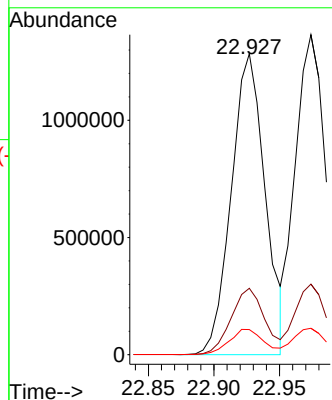
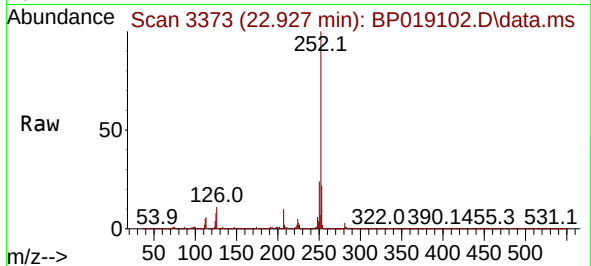




#90
Benzo(b)fluoranthene
Concen: 29.158 ng/ul
RT: 22.927 min Scan# 3372
Delta R.T. 0.005 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

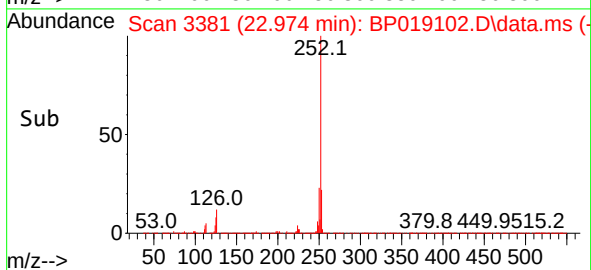
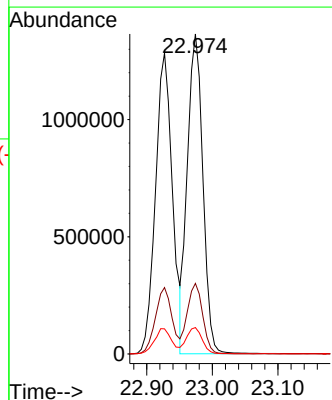
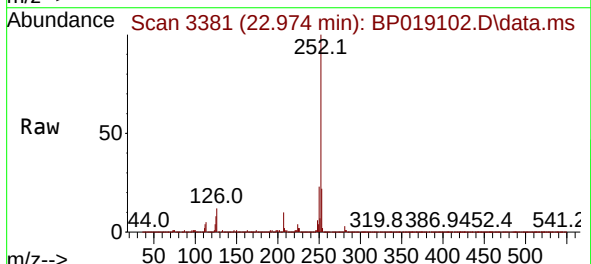
Instrument :
BNA_P
ClientSampleId :
SLCS030

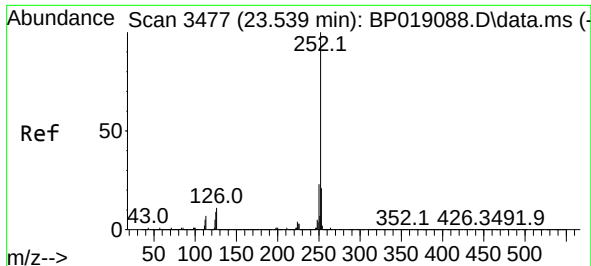
Tgt Ion:252 Resp: 2302417
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 8.3 7.8 11.6



#91
Benzo(k)fluoranthene
Concen: 29.292 ng/ul
RT: 22.974 min Scan# 3381
Delta R.T. -0.000 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

Tgt Ion:252 Resp: 2237944
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 8.3 8.0 12.0

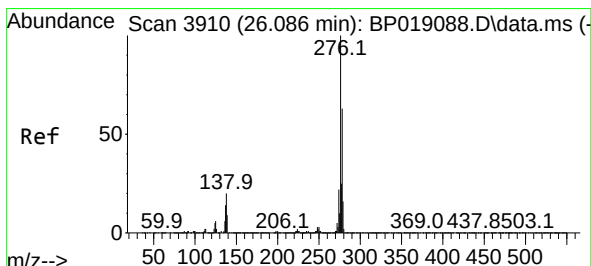
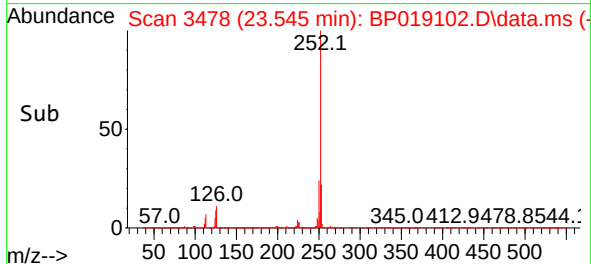
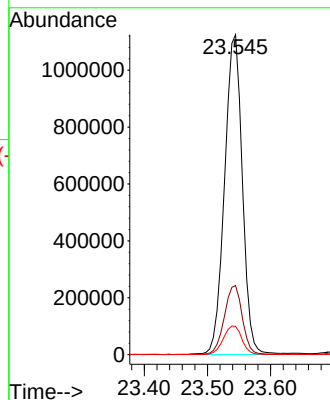
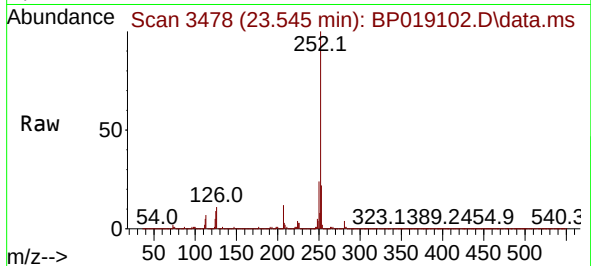




#93
Benzo(a)pyrene
Concen: 30.437 ng/ul
RT: 23.545 min Scan# 3477
Delta R.T. 0.005 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

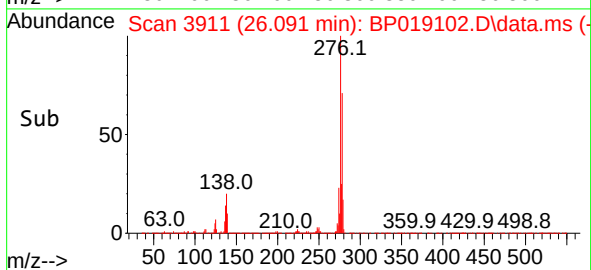
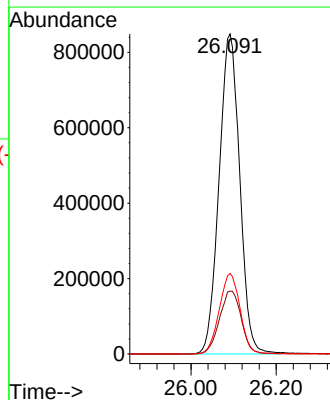
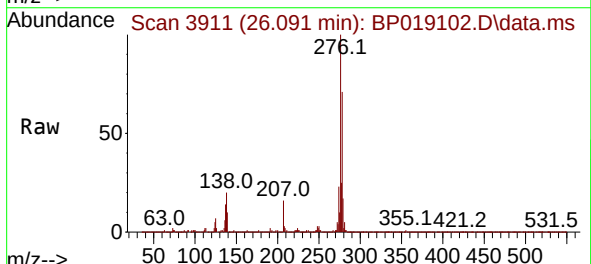
Instrument :
BNA_P
ClientSampleId :
SLCS030

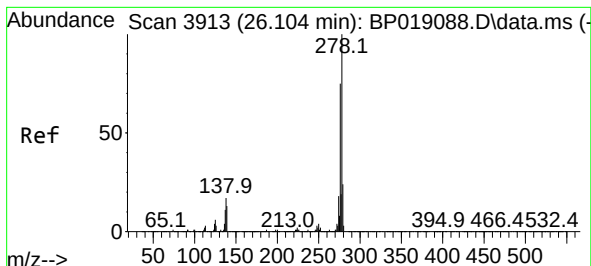
Tgt Ion:252 Resp: 2196044
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.8
125 8.8 9.2 13.8#



#94
Indeno(1,2,3-cd)pyrene
Concen: 33.093 ng/ul
RT: 26.091 min Scan# 3911
Delta R.T. 0.005 min
Lab File: BP019102.D
Acq: 27 Dec 2023 02:16

Tgt Ion:276 Resp: 2852793
Ion Ratio Lower Upper
276 100
138 19.7 19.4 29.2
277 25.2 19.8 29.6





#95

Dibenzo(a,h)anthracene

Concen: 32.991 ng/ul

RT: 26.109 min Scan# 3913

Delta R.T. 0.005 min

Lab File: BP019102.D

Acq: 27 Dec 2023 02:16

Instrument :

BNA_P

ClientSampleId :

SLCS030

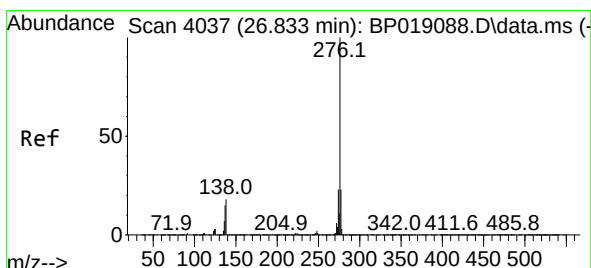
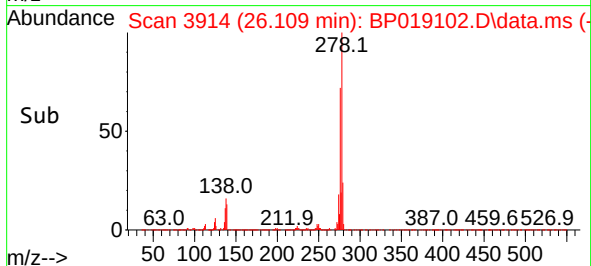
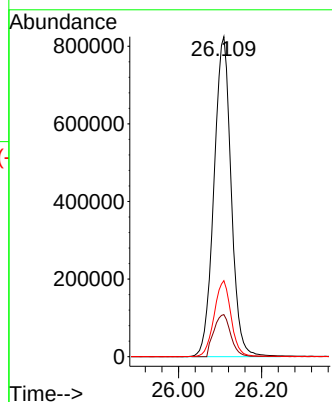
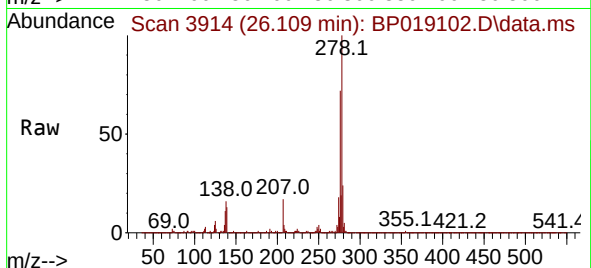
Tgt Ion:278 Resp: 2365861

Ion Ratio Lower Upper

278 100

139 13.1 13.0 19.6

279 23.8 18.7 28.1



#96

Benzo(g,h,i)perylene

Concen: 33.434 ng/ul

RT: 26.839 min Scan# 4038

Delta R.T. 0.005 min

Lab File: BP019102.D

Acq: 27 Dec 2023 02:16

Tgt Ion:276 Resp: 2319537

Ion Ratio Lower Upper

276 100

138 17.7 18.1 27.1#

277 24.2 19.4 29.0

