

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111224\
 Data File : BP023078.D
 Acq On : 13 Nov 2024 12:48
 Operator : RC/JU
 Sample : PB164834BS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS834

Quant Time: Nov 14 00:43:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 13 04:49:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	96316	20.000	ng/ul	0.00
20) Naphthalene-d8	10.334	136	383494	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.198	164	318048	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.004	188	815282	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.439	240	896440	20.000	ng/ul	0.00
88) Perylene-d12	24.662	264	1027484	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	13840	6.907	ng/uL	0.00
4) Pyridine-d5	3.546	84	182555	30.665	ng/ul	0.00
7) Phenol-d5	6.781	99	242801	34.097	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.934	67	136711	32.677	ng/ul	0.00
11) 2-Chlorophenol-d4	7.128	132	176898	33.920	ng/ul	0.00
15) 4-Methylphenol-d8	8.299	113	197933	33.778	ng/ul	0.00
21) Nitrobenzene-d5	8.728	128	89220	33.418	ng/ul	0.00
24) 2-Nitrophenol-d4	9.434	143	109159	34.296	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.975	165	231297	34.701	ng/ul	0.00
31) 4-Chloroaniline-d4	10.481	131	233494	29.363	ng/ul	0.00
46) Dimethylphthalate-d6	13.604	166	784166	34.209	ng/ul	0.00
49) Acenaphthylene-d8	13.892	160	814122	34.038	ng/ul	0.00
54) 4-Nitrophenol-d4	14.439	143	116151	33.717	ng/ul	-0.01
60) Fluorene-d10	15.198	176	681464	33.908	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.363	200	165660	33.919	ng/ul	0.00
73) Anthracene-d10	17.110	188	1164901	33.746	ng/ul	0.00
81) Pyrene-d10	19.486	212	1542612	37.360	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.445	264	1727691	35.300	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.169	88	25150	10.863	ng/uL	95
5) Pyridine	3.569	79	180512	30.192	ng/ul	92
6) Benzaldehyde	6.752	77	92032	22.459	ng/ul	94
8) Phenol	6.810	94	245700	33.042	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.022	93	181599	32.499	ng/ul	96
12) 2-Chlorophenol	7.157	128	178815	33.025	ng/ul	98
13) 2-Methylphenol	8.034	108	180032	32.434	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.087	45	207810	32.852	ng/ul	96
16) Acetophenone	8.393	105	308701	31.350	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.375	70	159672	32.475	ng/ul	99
18) 4-Methylphenol	8.357	108	199701	32.573	ng/ul	100
19) Hexachloroethane	8.628	117	82956	31.679	ng/ul	97
22) Nitrobenzene	8.769	77	251228	32.795	ng/ul	99
23) Isophorone	9.287	82	457150	33.374	ng/ul	98
25) 2-Nitrophenol	9.469	139	112267	33.418	ng/ul	92
26) 2,4-Dimethylphenol	9.528	107	195535	26.954	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.757	93	259484	34.429	ng/ul	98
29) 2,4-Dichlorophenol	9.998	162	218749	33.132	ng/ul	96
30) Naphthalene	10.381	128	599082	32.155	ng/ul	99
32) 4-Chloroaniline	10.504	127	176213	22.873	ng/ul	100
33) Hexachlorobutadiene	10.657	225	180519	30.218	ng/ul	98
34) Caprolactam	11.293	113	43119	21.957	ng/ul	96
35) 4-Chloro-3-methylphenol	11.640	107	247431	34.837	ng/ul	95
36) 2-Methylnaphthalene	11.993	142	450955	32.061	ng/ul	97

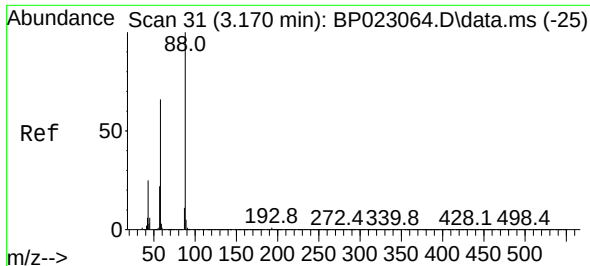
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111224\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.210	142	449224	31.242	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.369	216	335899	31.283	ng/ul	96
40) Hexachlorocyclopentadiene	12.334	237	150627	26.708	ng/ul	97
41) 2,4,6-Trichlorophenol	12.616	196	206239	31.544	ng/ul	97
42) 2,4,5-Trichlorophenol	12.704	196	228178	32.372	ng/ul	98
43) 1,1'-Biphenyl	13.010	154	655130	32.146	ng/ul	100
44) 2-Chloronaphthalene	13.051	162	532700	31.976	ng/ul	100
45) 2-Nitroaniline	13.281	65	167142	35.731	ng/ul	94
47) Dimethylphthalate	13.645	163	746054	33.002	ng/ul	99
48) 2,6-Dinitrotoluene	13.781	165	155589	35.382	ng/ul	98
50) Acenaphthylene	13.922	152	817856	33.828	ng/ul	99
51) 3-Nitroaniline	14.116	138	133636	35.283	ng/ul	96
52) Acenaphthene	14.263	153	565533	32.219	ng/ul	98
53) 2,4-Dinitrophenol	14.339	184	98263	31.493	ng/ul	97
55) 4-Nitrophenol	14.457	109	128779	31.952	ng/ul	97
56) Dibenzofuran	14.604	168	874563	32.248	ng/ul	99
57) 2,4-Dinitrotoluene	14.598	165	247772	35.353	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.839	232	203436	29.526	ng/ul	100
59) Diethylphthalate	15.039	149	749240	33.511	ng/ul	98
61) Fluorene	15.275	166	727883	32.792	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.263	204	422353	32.316	ng/ul	96
63) 4-Nitroaniline	15.316	138	128739	36.529	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.375	198	172961	33.152	ng/ul#	98
67) N-Nitrosodiphenylamine	15.481	169	623233	33.082	ng/ul	99
68) 4-Bromophenyl-phenylether	16.169	248	299201	32.408	ng/ul	97
69) Hexachlorobenzene	16.292	284	367991	31.663	ng/ul	99
70) Atrazine	16.463	200	122061	13.404	ng/ul	99
71) Pentachlorophenol	16.657	266	190682	26.426	ng/ul	97
72) Phenanthrene	17.051	178	1268194	32.946	ng/ul	99
74) Anthracene	17.145	178	1262161	32.613	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.969	216	340716	31.653	ng/uL	99
76) Pentachlorobenzene	14.516	250	379954	30.913	ng/uL	98
77) Carbazole	17.433	167	1125262	33.326	ng/ul	99
78) Di-n-butylphthalate	18.010	149	1328247	35.449	ng/ul	99
80) Fluoranthene	19.139	202	1725734	36.278	ng/ul	99
82) Pyrene	19.516	202	1779342	34.819	ng/ul	97
83) Butylbenzylphthalate	20.474	149	617830	36.721	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.345	252	664037	33.000	ng/ul	100
85) Benzo(a)anthracene	21.421	228	1880989	34.363	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.351	149	886757	37.088	ng/ul	98
87) Chrysene	21.480	228	1728621	33.562	ng/ul	99
89) Di-n-octyl phthalate	22.568	149	1520779	36.483	ng/ul	100
90) Benzo(b)fluoranthene	23.633	252	1958750	34.250	ng/ul	100
91) Benzo(k)fluoranthene	23.710	252	1975972	35.098	ng/ul#	99
93) Benzo(a)pyrene	24.504	252	1736528	33.590	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.298	276	1449905	20.130	ng/ul	98
95) Dibenzo(a,h)anthracene	28.362	278	1853312	31.690	ng/ul	99
96) Benzo(g,h,i)perylene	29.409	276	923902	16.888	ng/ul	99

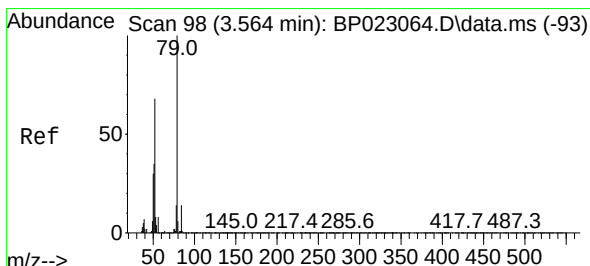
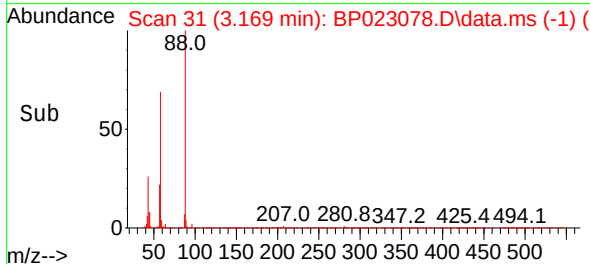
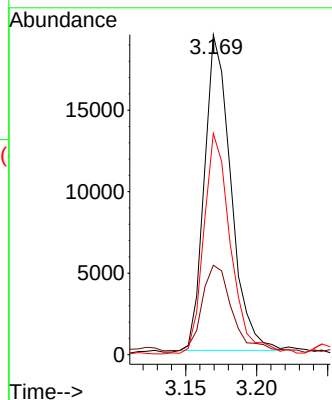
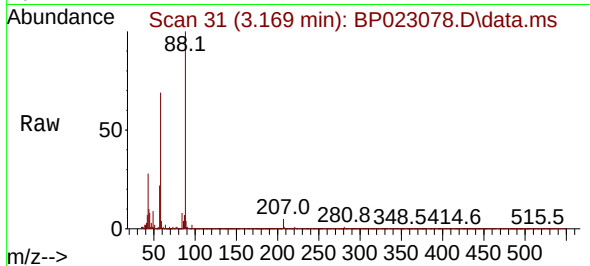
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 10.863 ng/uL
RT: 3.169 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP023078.D
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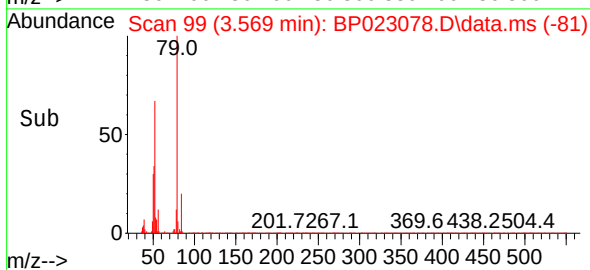
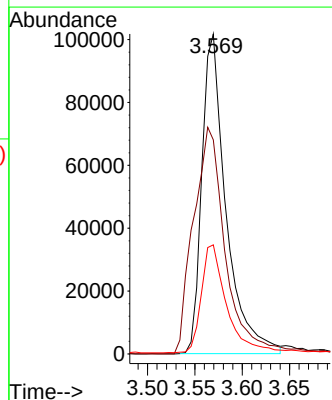
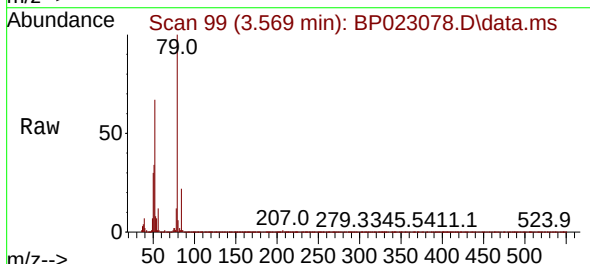
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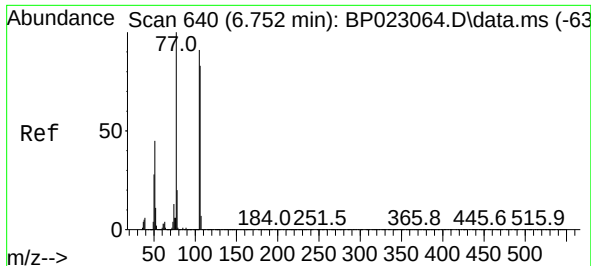
Tgt Ion:	88	Resp:	25150
Ion	Ratio	Lower	Upper
88	100		
43	27.9	24.2	36.4
58	69.1	59.2	88.8



#5
Pyridine
Concen: 30.192 ng/uL
RT: 3.569 min Scan# 99
Delta R.T. 0.006 min
Lab File: BP023078.D
Acq: 13 Nov 2024 12:48

Tgt Ion:	79	Resp:	180512
Ion	Ratio	Lower	Upper
79	100		
52	66.9	59.5	89.3
51	34.1	30.4	45.6

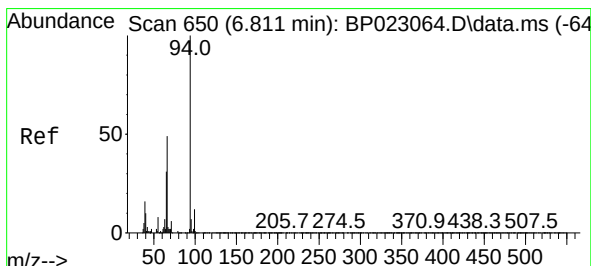
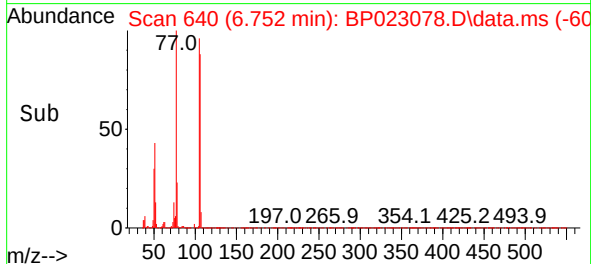
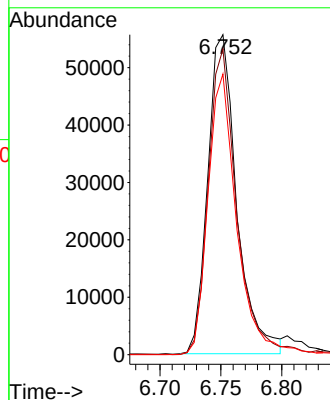
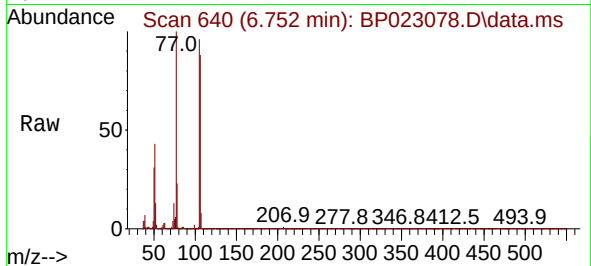




#6
Benzaldehyde
Concen: 22.459 ng/ul
RT: 6.752 min Scan# 640
Delta R.T. -0.000 min
Lab File: BP023078.D
Acq: 13 Nov 2024 12:48

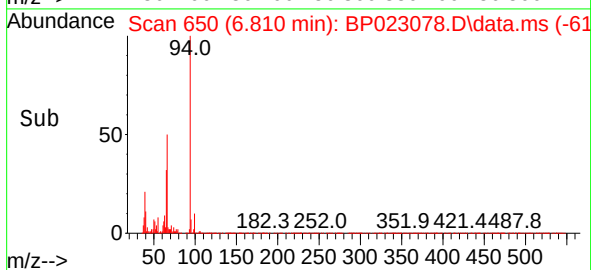
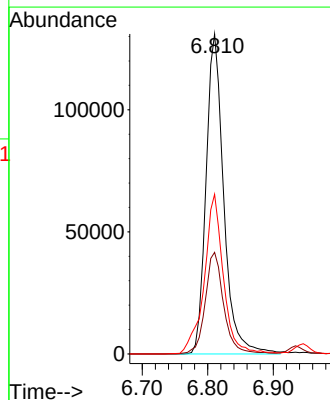
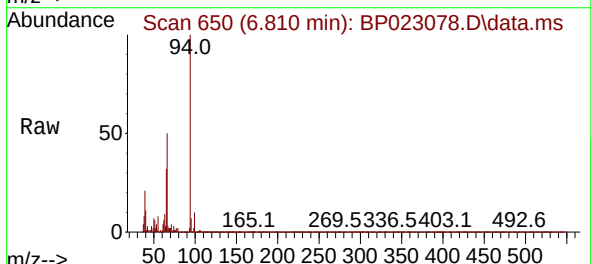
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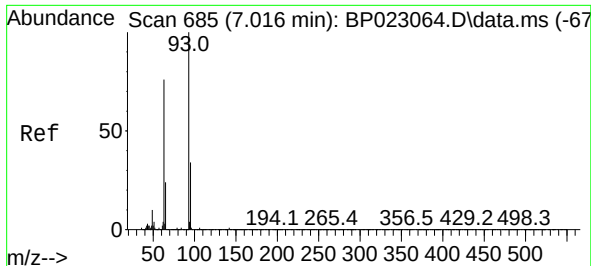
Tgt Ion: 77 Resp: 92032
Ion Ratio Lower Upper
77 100
105 95.5 72.5 108.7
106 87.7 65.5 98.3



#8
Phenol
Concen: 33.042 ng/ul
RT: 6.810 min Scan# 650
Delta R.T. -0.000 min
Lab File: BP023078.D
Acq: 13 Nov 2024 12:48

Tgt Ion: 94 Resp: 245700
Ion Ratio Lower Upper
94 100
65 31.8 26.2 39.4
66 49.9 40.2 60.4





#10

Bis(2-Chloroethyl)ether

Concen: 32.499 ng/ul

RT: 7.022 min Scan# 685

Delta R.T. 0.006 min

Lab File: BP023078.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_P

ClientSampleId :

SLCS834

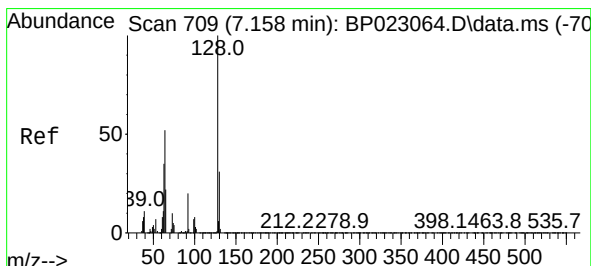
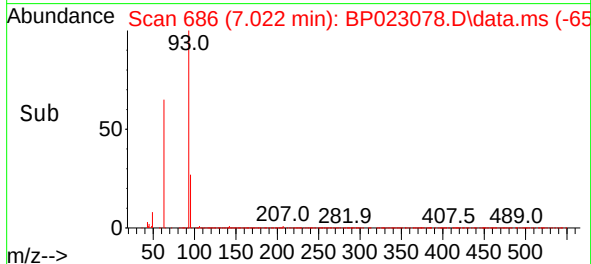
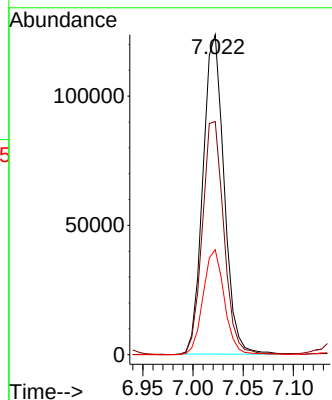
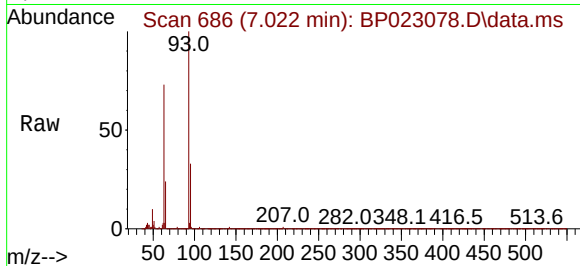
Tgt Ion: 93 Resp: 181599

Ion Ratio Lower Upper

93 100

63 72.8 60.6 91.0

95 32.8 29.0 43.4



#12

2-Chlorophenol

Concen: 33.025 ng/ul

RT: 7.157 min Scan# 709

Delta R.T. -0.000 min

Lab File: BP023078.D

Acq: 13 Nov 2024 12:48

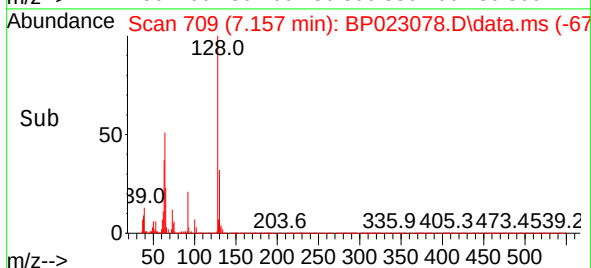
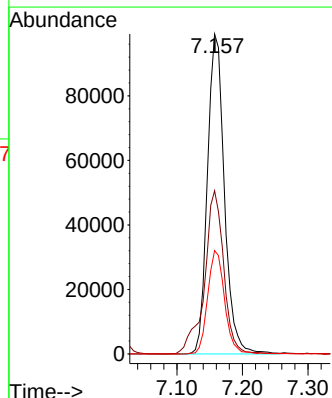
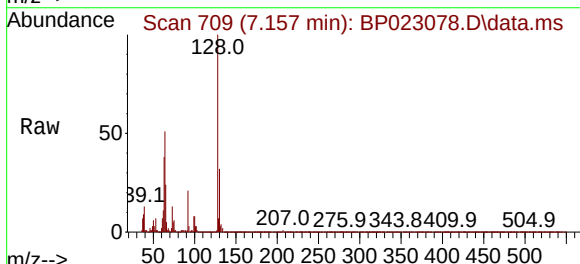
Tgt Ion:128 Resp: 178815

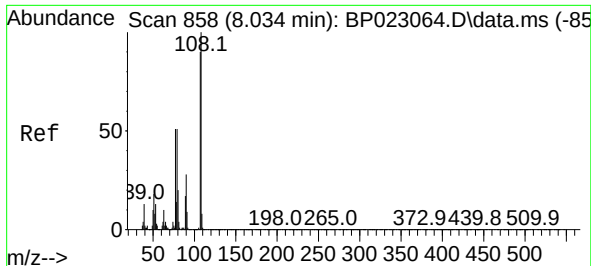
Ion Ratio Lower Upper

128 100

64 51.0 39.0 58.6

130 32.3 26.4 39.6

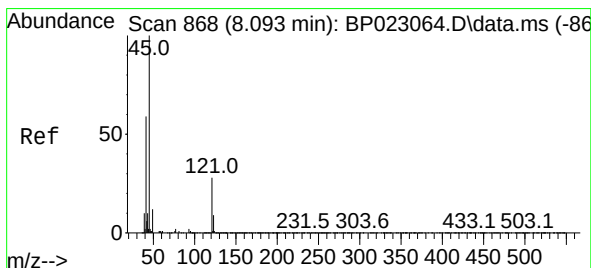
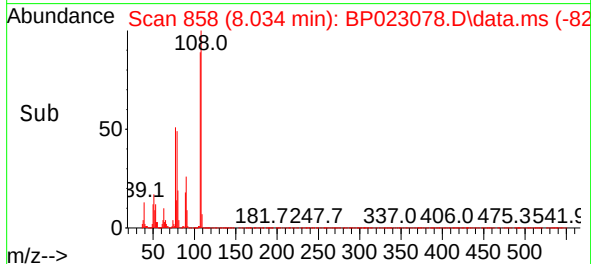
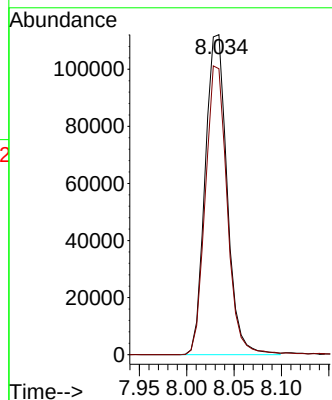
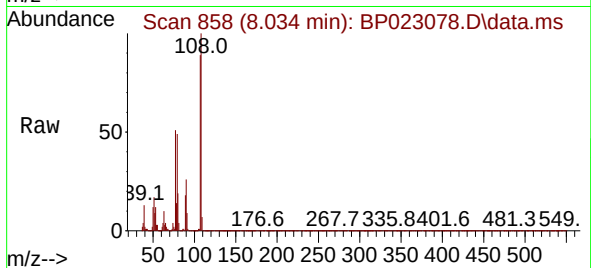




#13
2-Methylphenol
Concen: 32.434 ng/ul
RT: 8.034 min Scan# 858
Delta R.T. -0.000 min
Lab File: BP023078.D
Acq: 13 Nov 2024 12:48

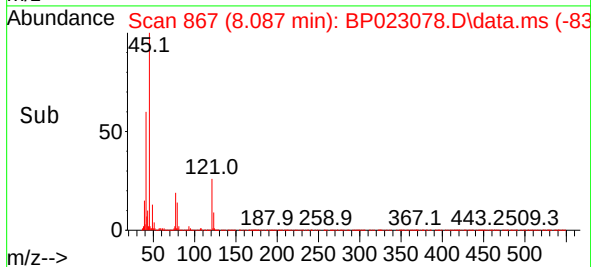
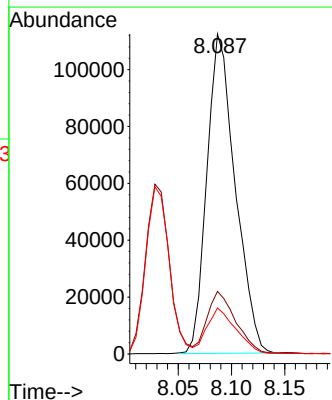
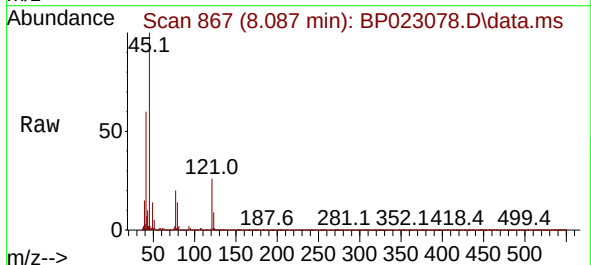
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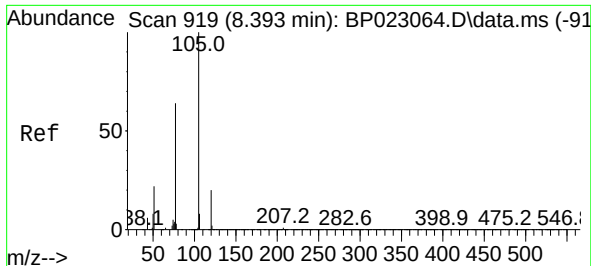
Tgt Ion:108 Resp: 180032
Ion Ratio Lower Upper
108 100
107 89.3 73.3 109.9



#14
2,2'-oxybis(1-Chloropropane)
Concen: 32.852 ng/ul
RT: 8.087 min Scan# 867
Delta R.T. -0.006 min
Lab File: BP023078.D
Acq: 13 Nov 2024 12:48

Tgt Ion: 45 Resp: 207810
Ion Ratio Lower Upper
45 100
77 19.5 18.2 27.2
79 14.3 11.7 17.5

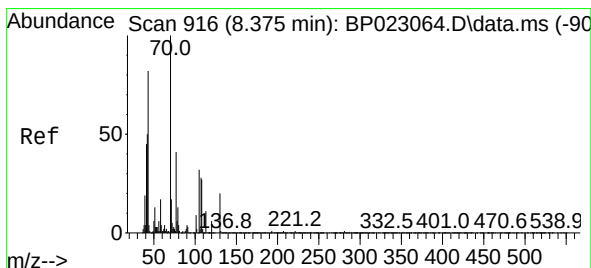
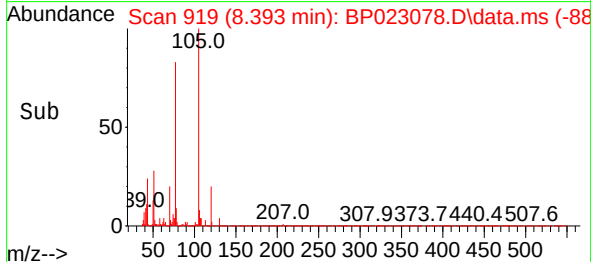
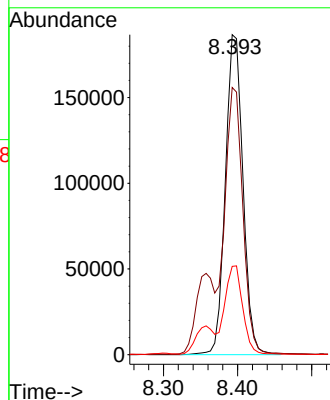
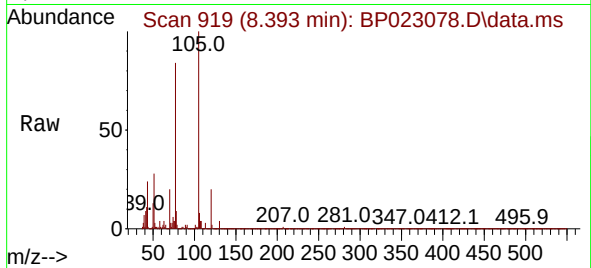




#16
Acetophenone
Concen: 31.350 ng/ul
RT: 8.393 min Scan# 919
Delta R.T. -0.000 min
Lab File: BP023078.D
Acq: 13 Nov 2024 12:48

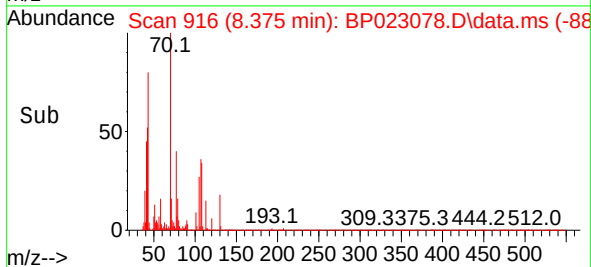
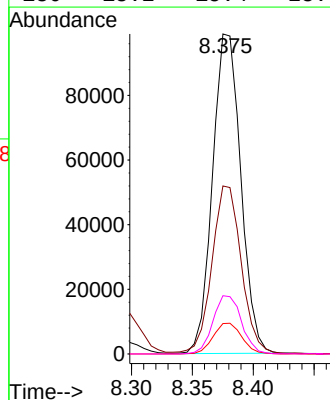
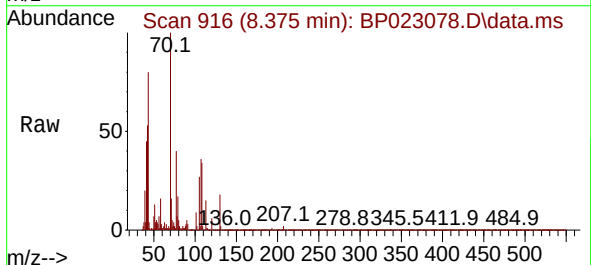
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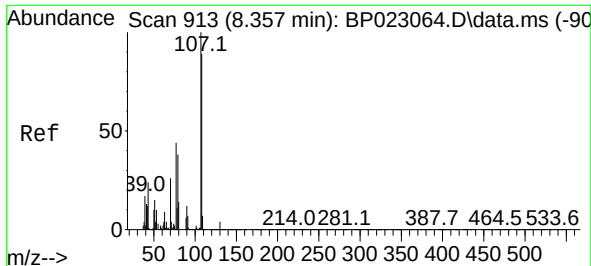
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Ion Ratio Lower Upper
105 100
77 83.5 69.4 104.0
51 27.6 23.2 34.8



#17
N-Nitroso-di-n-propylamine
Concen: 32.475 ng/ul
RT: 8.375 min Scan# 916
Delta R.T. -0.000 min
Lab File: BP023078.D
Acq: 13 Nov 2024 12:48

Tgt Ion: 70 Resp: 159672
Ion Ratio Lower Upper
70 100
42 52.5 42.3 63.5
101 9.5 7.4 11.2
130 18.2 15.4 23.0

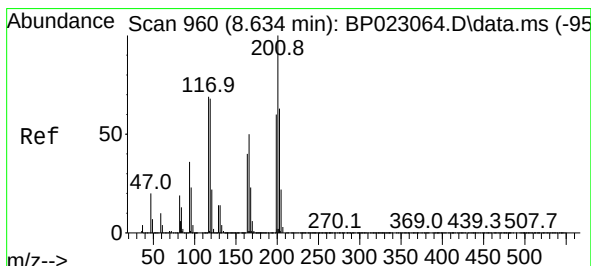
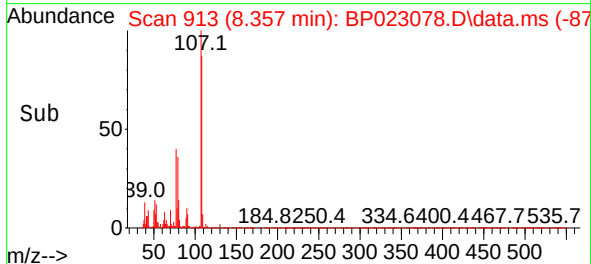
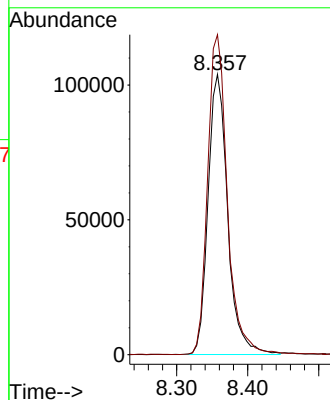
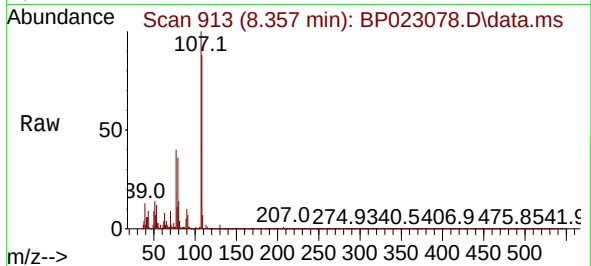




#18
4-Methylphenol
Concen: 32.573 ng/ul
RT: 8.357 min Scan# 913
Delta R.T. -0.000 min
Lab File: BP023078.D
Acq: 13 Nov 2024 12:48

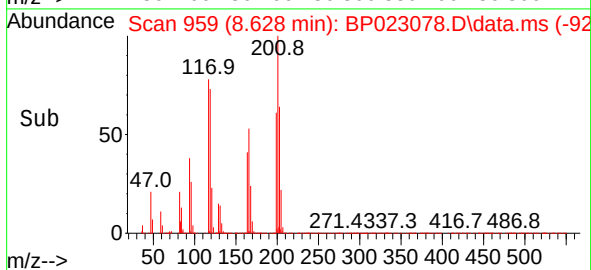
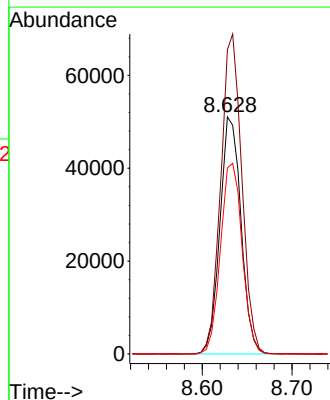
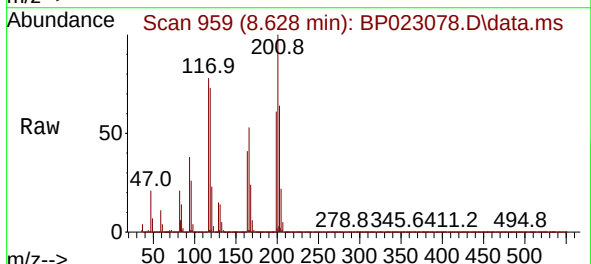
Instrument :
BNA_P
ClientSampleId :
SLCS834

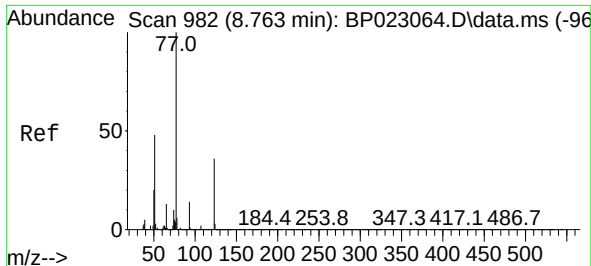
Tgt Ion:108 Resp: 199701
Ion Ratio Lower Upper
108 100
107 114.2 91.5 137.3



#19
Hexachloroethane
Concen: 31.679 ng/ul
RT: 8.628 min Scan# 959
Delta R.T. -0.006 min
Lab File: BP023078.D
Acq: 13 Nov 2024 12:48

Tgt Ion:117 Resp: 82956
Ion Ratio Lower Upper
117 100
201 128.3 105.0 157.6
199 78.4 65.9 98.9

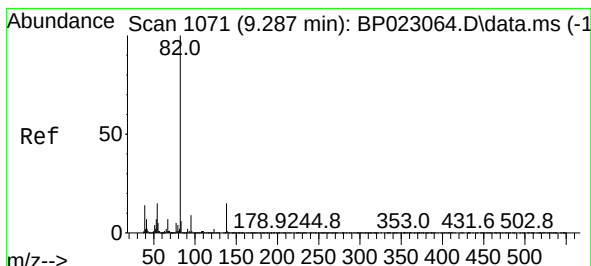
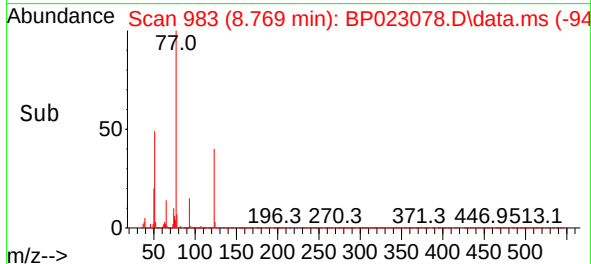
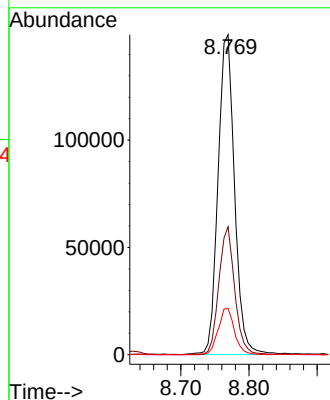
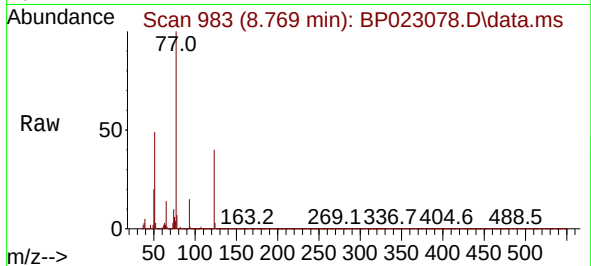




#22
Nitrobenzene
Concen: 32.795 ng/ul
RT: 8.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP023078.D
Acq: 13 Nov 2024 12:48

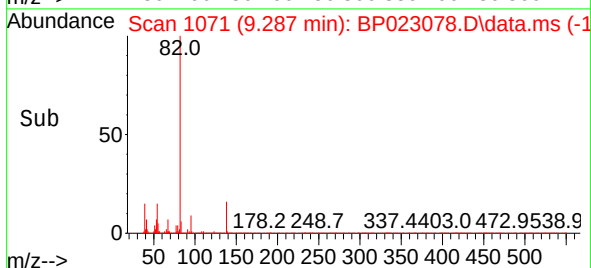
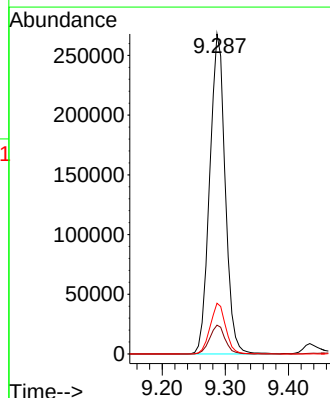
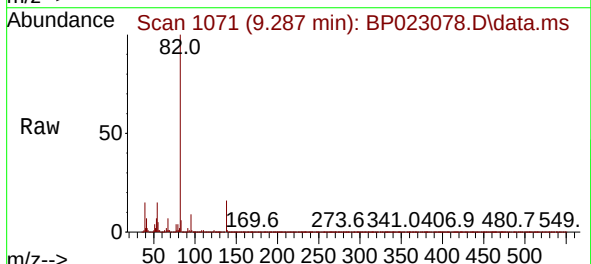
Instrument :
BNA_P
ClientSampleId :
SLCS834

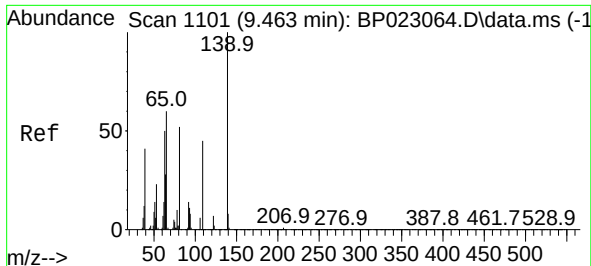
Tgt Ion:	77	Resp:	251228
Ion	Ratio	Lower	Upper
77	100		
123	39.9	32.2	48.4
65	14.5	10.9	16.3



#23
Isophorone
Concen: 33.374 ng/ul
RT: 9.287 min Scan# 1071
Delta R.T. -0.000 min
Lab File: BP023078.D
Acq: 13 Nov 2024 12:48

Tgt Ion:	82	Resp:	457150
Ion	Ratio	Lower	Upper
82	100		
95	9.0	7.6	11.4
138	15.8	13.4	20.2





#25

2-Nitrophenol

Concen: 33.418 ng/ul

RT: 9.469 min Scan# 1101

Delta R.T. 0.006 min

Lab File: BP023078.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_P

ClientSampleId :

SLCS834

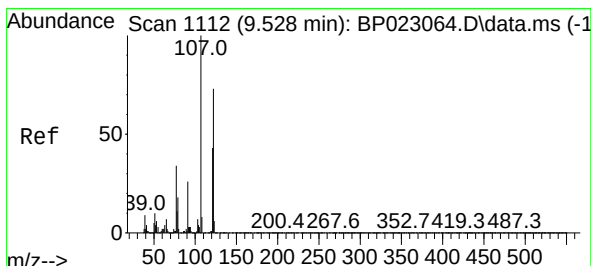
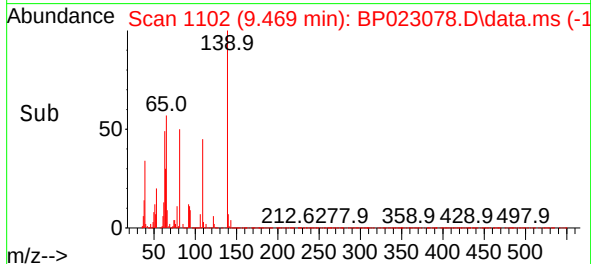
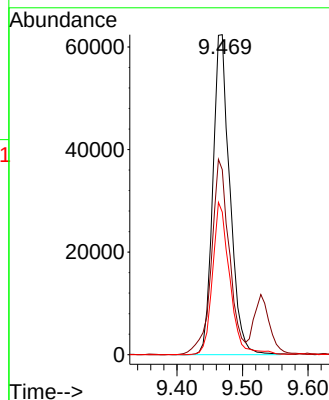
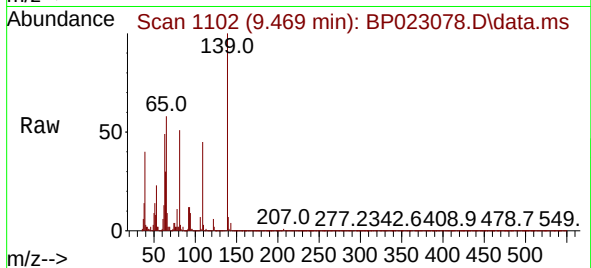
Tgt Ion:139 Resp: 112267

Ion Ratio Lower Upper

139 100

65 57.8 52.8 79.2

109 44.5 38.9 58.3



#26

2,4-Dimethylphenol

Concen: 26.954 ng/ul

RT: 9.528 min Scan# 1112

Delta R.T. -0.000 min

Lab File: BP023078.D

Acq: 13 Nov 2024 12:48

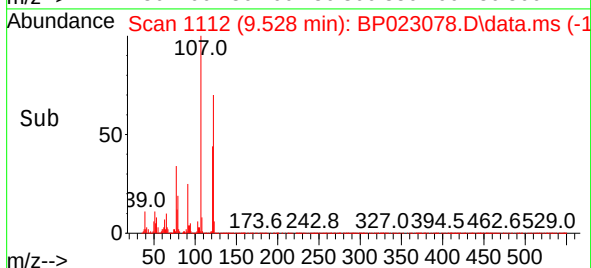
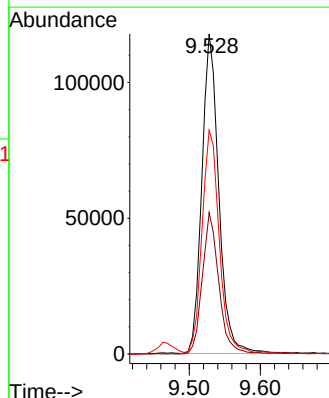
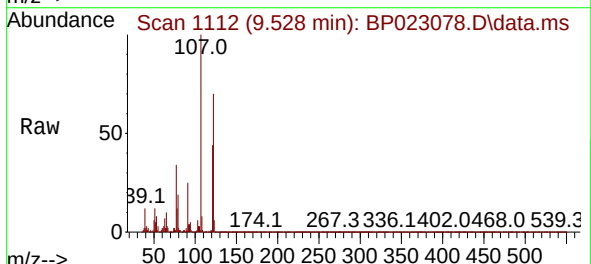
Tgt Ion:107 Resp: 195535

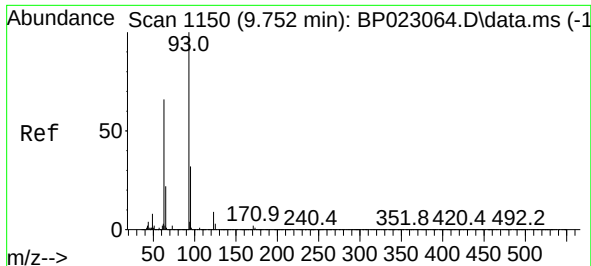
Ion Ratio Lower Upper

107 100

121 44.2 34.4 51.6

122 69.9 56.7 85.1





#27

Bis(2-Chloroethoxy)methane

Concen: 34.429 ng/ul

RT: 9.757 min Scan# 1150

Delta R.T. 0.006 min

Lab File: BP023078.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_P

ClientSampleId :

SLCS834

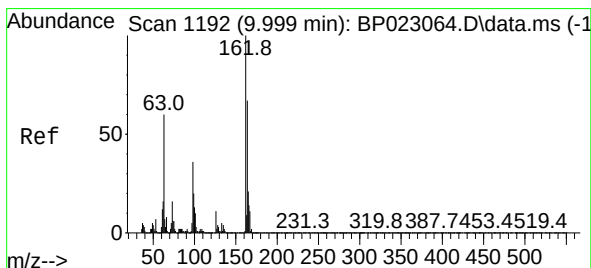
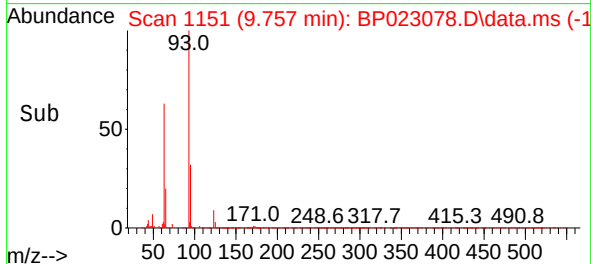
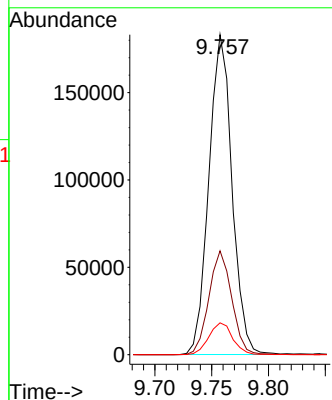
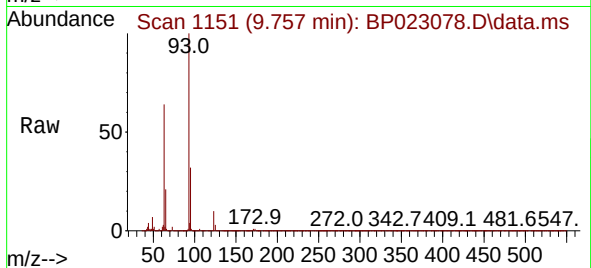
Tgt Ion: 93 Resp: 259484

Ion Ratio Lower Upper

93 100

95 32.4 27.0 40.6

123 9.9 8.2 12.4



#29

2,4-Dichlorophenol

Concen: 33.132 ng/ul

RT: 9.998 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BP023078.D

Acq: 13 Nov 2024 12:48

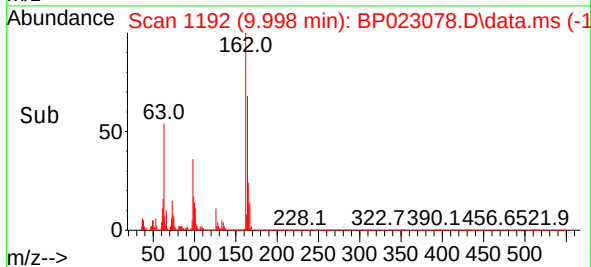
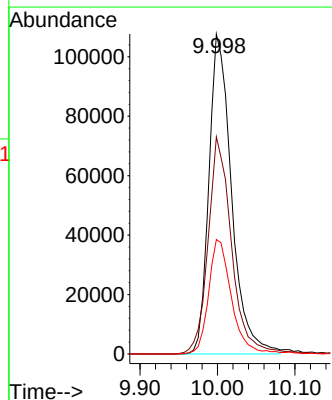
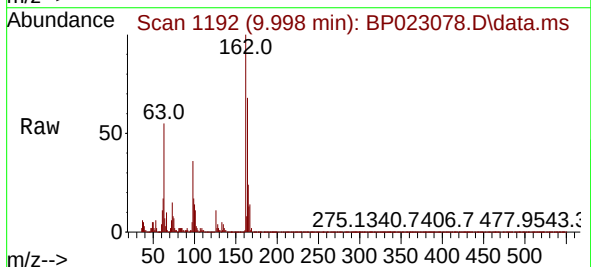
Tgt Ion:162 Resp: 218749

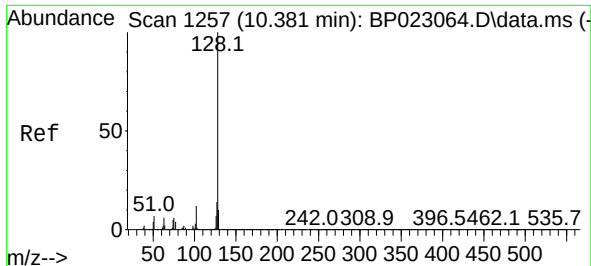
Ion Ratio Lower Upper

162 100

164 67.9 51.4 77.0

98 35.8 27.0 40.6

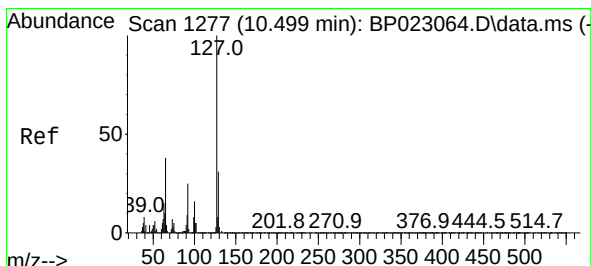
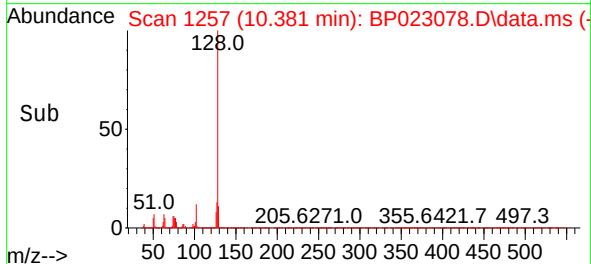
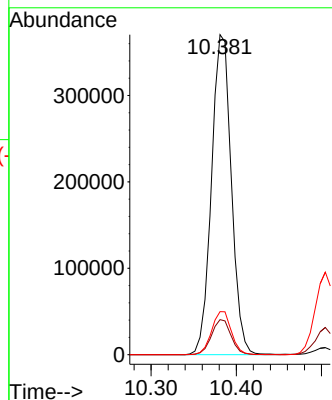
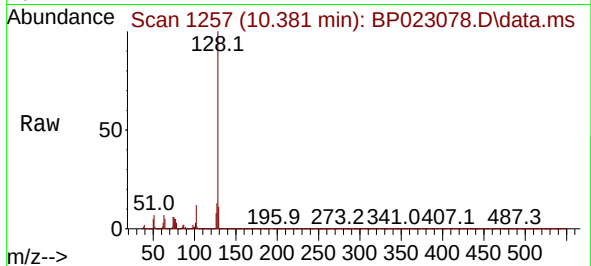




#30
Naphthalene
Concen: 32.155 ng/ul
RT: 10.381 min Scan# 1257
Delta R.T. -0.000 min
Lab File: BP023078.D
Acq: 13 Nov 2024 12:48

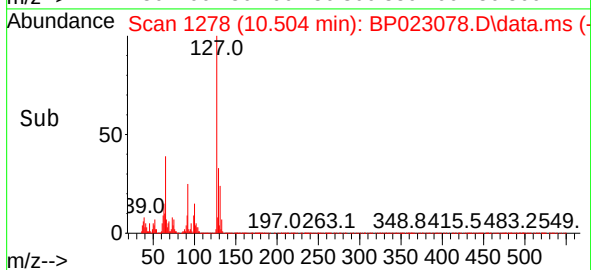
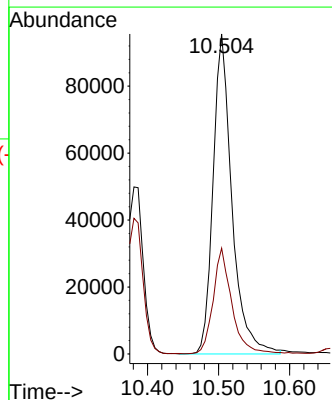
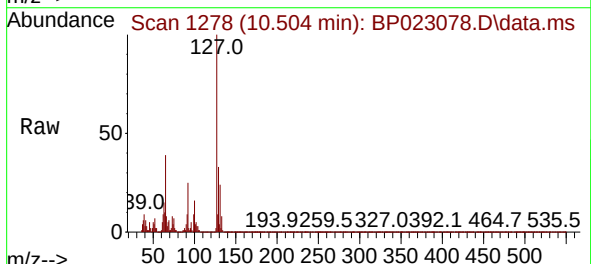
Instrument :
BNA_P
ClientSampleId :
SLCS834

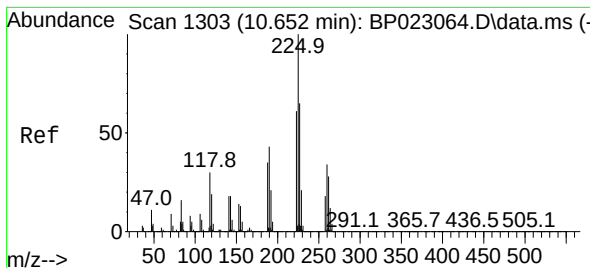
Tgt Ion:128 Resp: 599082
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.5 10.2 15.2



#32
4-Chloroaniline
Concen: 22.873 ng/ul
RT: 10.504 min Scan# 1278
Delta R.T. 0.006 min
Lab File: BP023078.D
Acq: 13 Nov 2024 12:48

Tgt Ion:127 Resp: 176213
Ion Ratio Lower Upper
127 100
129 33.0 26.4 39.6





#33

Hexachlorobutadiene

Concen: 30.218 ng/ul

RT: 10.657 min Scan# 1410

Delta R.T. 0.006 min

Lab File: BP023078.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_P

ClientSampleId :

SLCS834

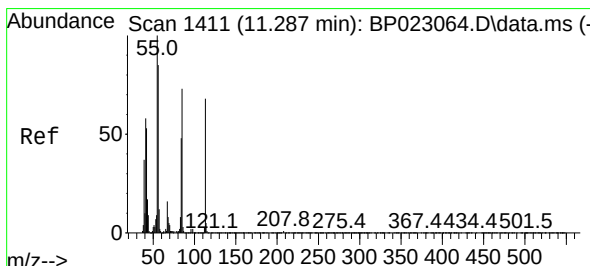
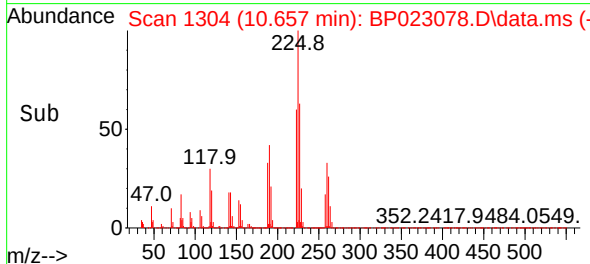
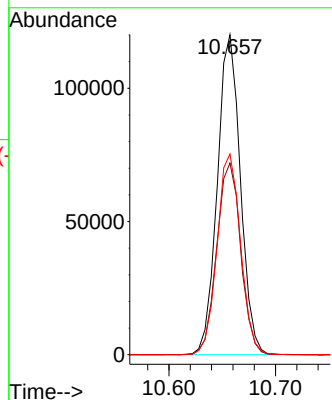
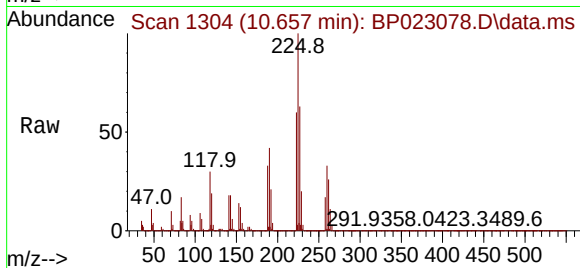
Tgt Ion:225 Resp: 180519

Ion Ratio Lower Upper

225 100

223 59.9 49.7 74.5

227 62.7 51.4 77.0



#34

Caprolactam

Concen: 21.957 ng/ul

RT: 11.293 min Scan# 1412

Delta R.T. 0.006 min

Lab File: BP023078.D

Acq: 13 Nov 2024 12:48

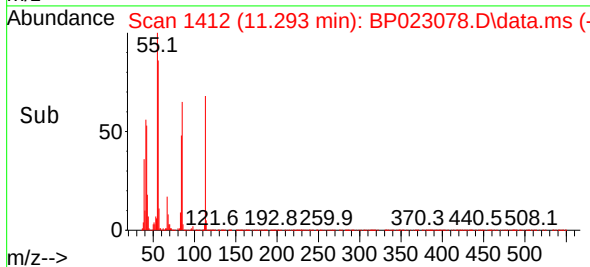
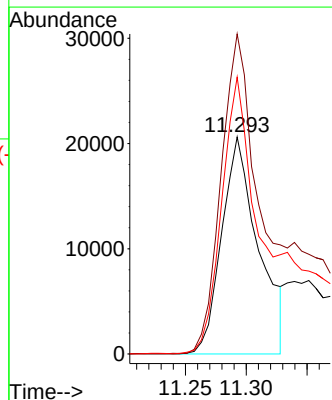
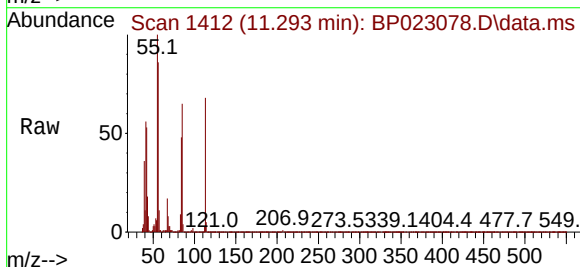
Tgt Ion:113 Resp: 43119

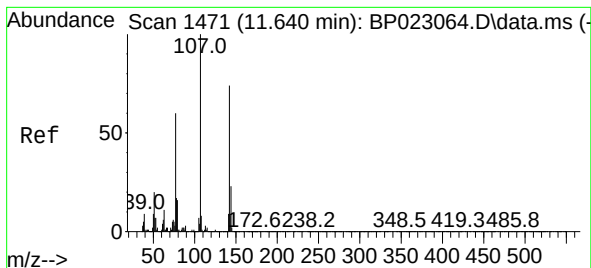
Ion Ratio Lower Upper

113 100

55 147.5 123.0 184.6

56 127.6 99.8 149.8

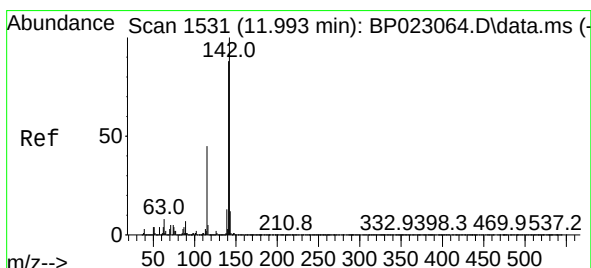
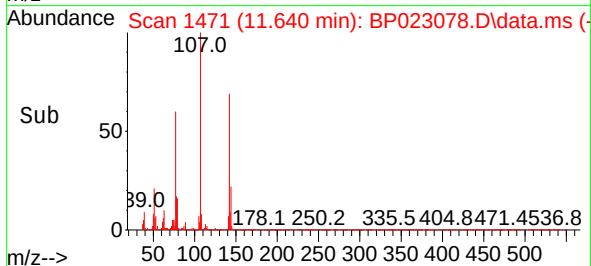
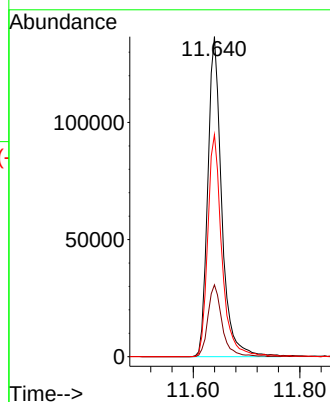
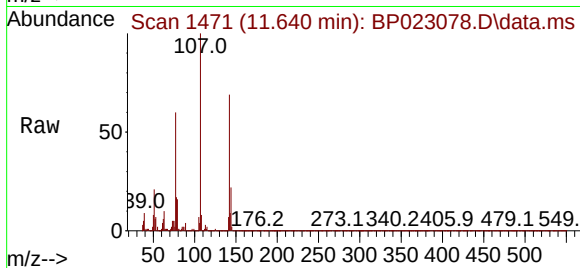




#35
4-Chloro-3-methylphenol
Concen: 34.837 ng/ul
RT: 11.640 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BP023078.D
Acq: 13 Nov 2024 12:48

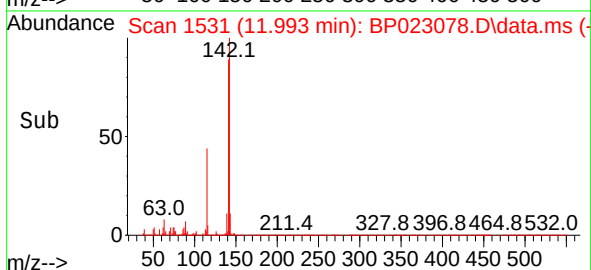
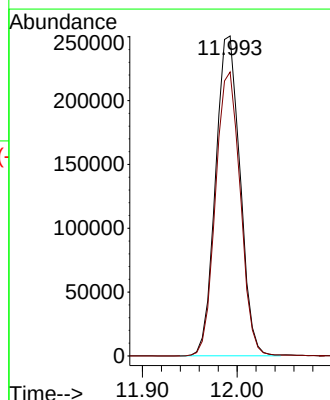
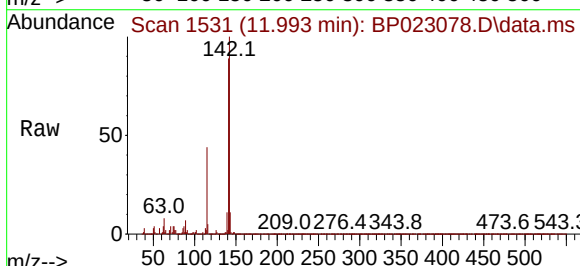
Instrument :
BNA_P
ClientSampleId :
SLCS834

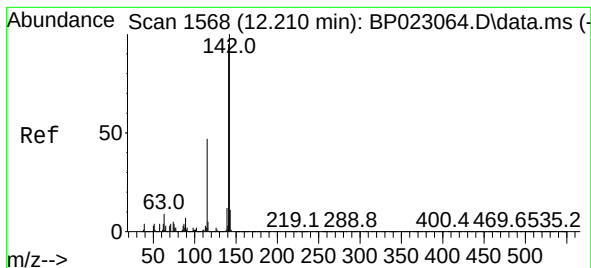
Tgt Ion:	107	Resp:	247431
Ion	Ratio	Lower	Upper
107	100		
144	22.4	18.8	28.2
142	69.3	59.8	89.8



#36
2-Methylnaphthalene
Concen: 32.061 ng/ul
RT: 11.993 min Scan# 1531
Delta R.T. -0.000 min
Lab File: BP023078.D
Acq: 13 Nov 2024 12:48

Tgt Ion:	142	Resp:	450955
Ion	Ratio	Lower	Upper
142	100		
141	88.8	73.1	109.7





#37

1-Methylnaphthalene

Concen: 31.242 ng/ul

RT: 12.210 min Scan# 1568

Delta R.T. -0.000 min

Lab File: BP023078.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_P

ClientSampleId :

SLCS834

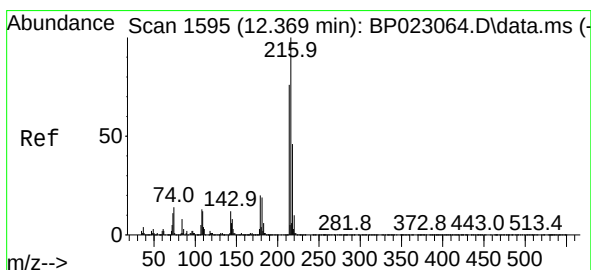
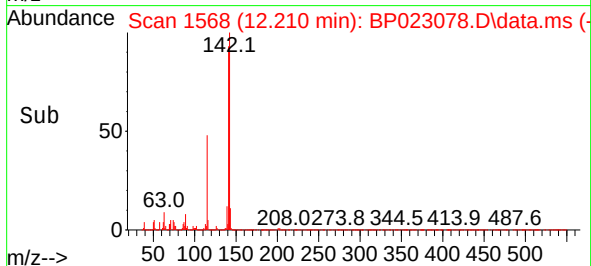
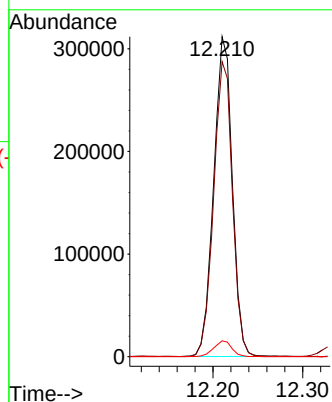
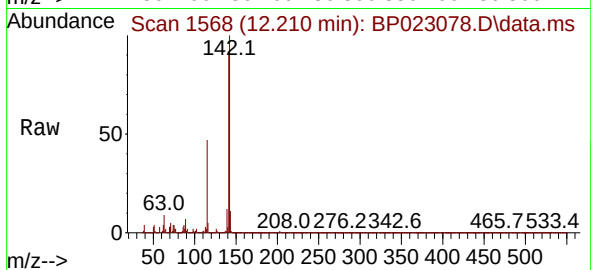
Tgt Ion:142 Resp: 449224

Ion Ratio Lower Upper

142 100

141 92.2 73.8 110.8

116 5.0 4.2 6.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.283 ng/ul

RT: 12.369 min Scan# 1595

Delta R.T. -0.000 min

Lab File: BP023078.D

Acq: 13 Nov 2024 12:48

Tgt Ion:216 Resp: 335899

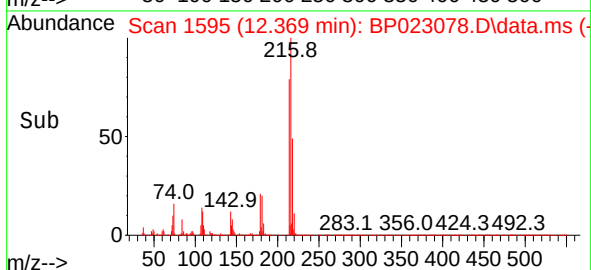
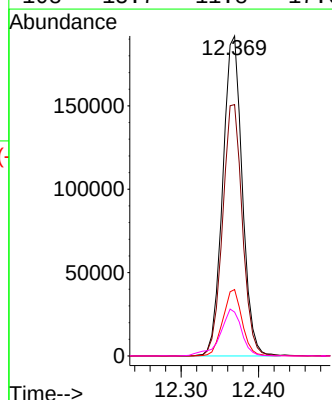
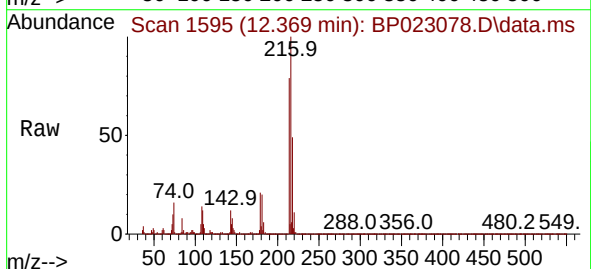
Ion Ratio Lower Upper

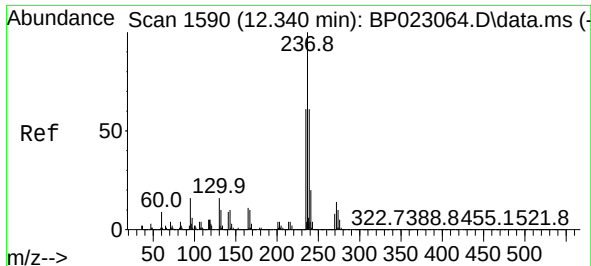
216 100

214 78.6 59.4 89.2

179 20.8 17.3 25.9

108 13.7 11.8 17.6





#40

Hexachlorocyclopentadiene

Concen: 26.708 ng/ul

RT: 12.334 min Scan# 1589

Delta R.T. -0.006 min

Lab File: BP023078.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_P

ClientSampleId :

SLCS834

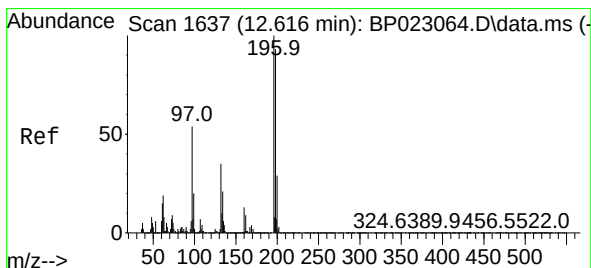
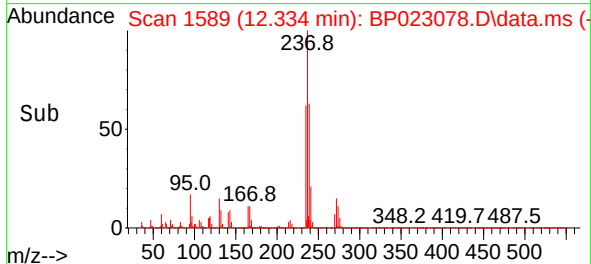
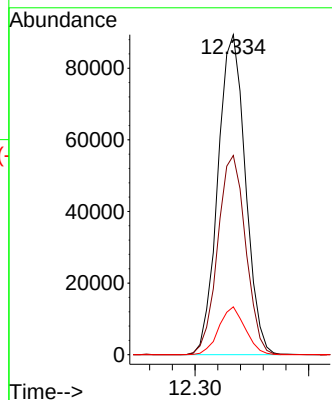
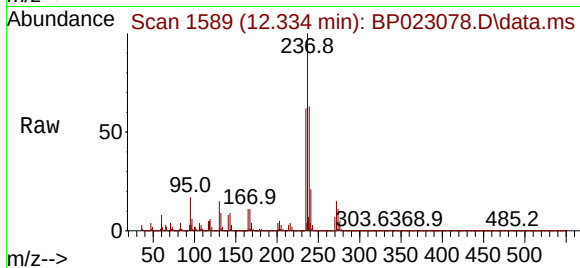
Tgt Ion:237 Resp: 150627

Ion Ratio Lower Upper

237 100

235 62.3 48.6 73.0

272 14.9 10.2 15.2



#41

2,4,6-Trichlorophenol

Concen: 31.544 ng/ul

RT: 12.616 min Scan# 1637

Delta R.T. -0.000 min

Lab File: BP023078.D

Acq: 13 Nov 2024 12:48

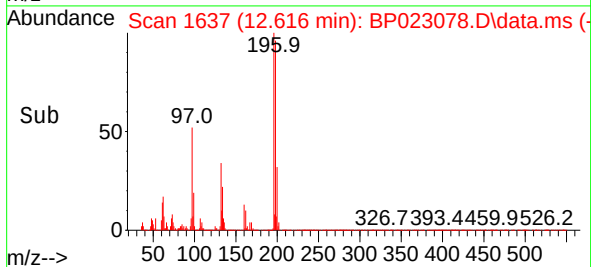
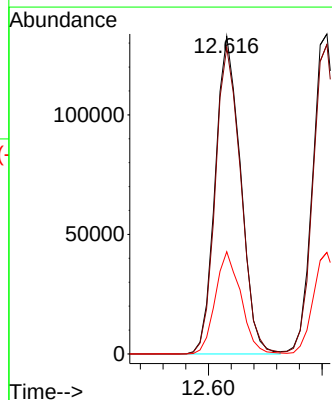
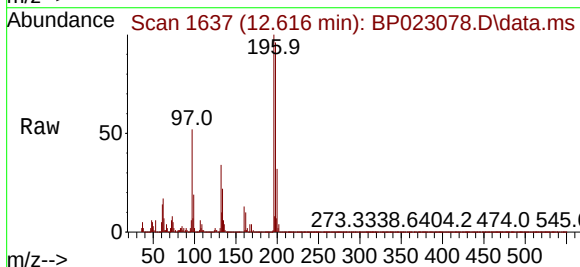
Tgt Ion:196 Resp: 206239

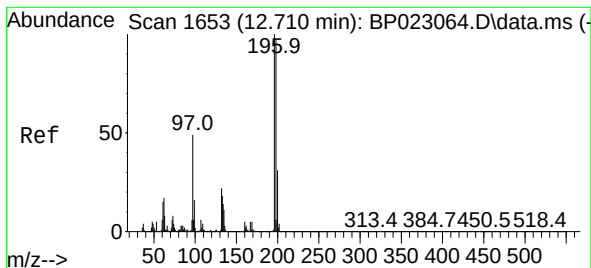
Ion Ratio Lower Upper

196 100

198 96.5 80.5 120.7

200 32.2 25.2 37.8





#42

2,4,5-Trichlorophenol

Concen: 32.372 ng/ul

RT: 12.704 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP023078.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_P

ClientSampleId :

SLCS834

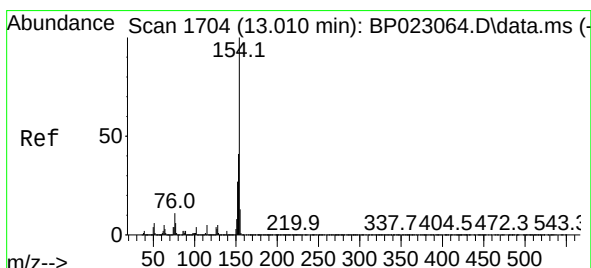
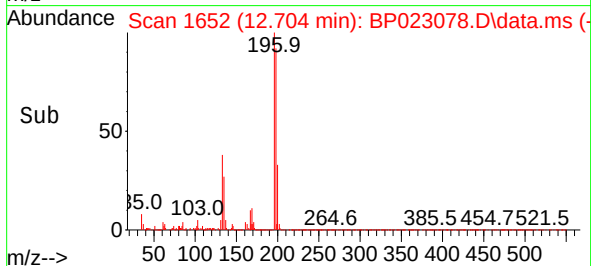
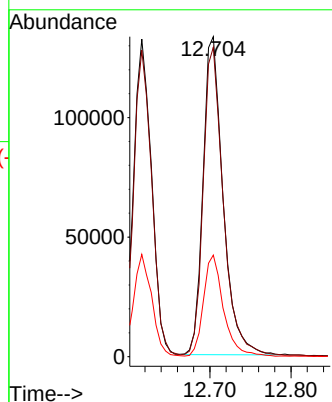
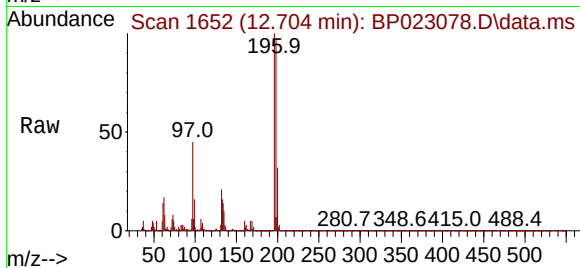
Tgt Ion:196 Resp: 228178

Ion Ratio Lower Upper

196 100

198 96.7 79.6 119.4

200 31.7 25.0 37.6



#43

1,1'-Biphenyl

Concen: 32.146 ng/ul

RT: 13.010 min Scan# 1704

Delta R.T. -0.000 min

Lab File: BP023078.D

Acq: 13 Nov 2024 12:48

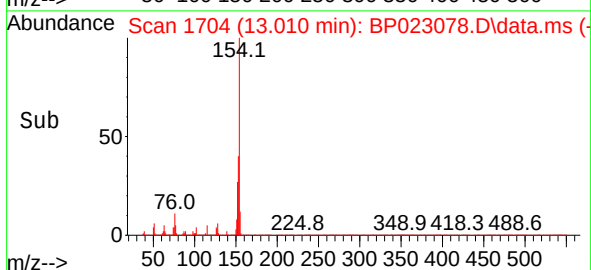
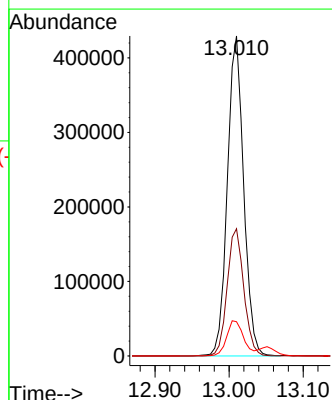
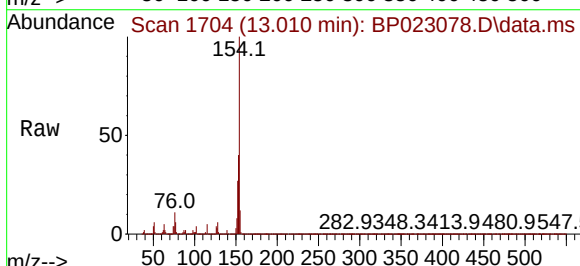
Tgt Ion:154 Resp: 655130

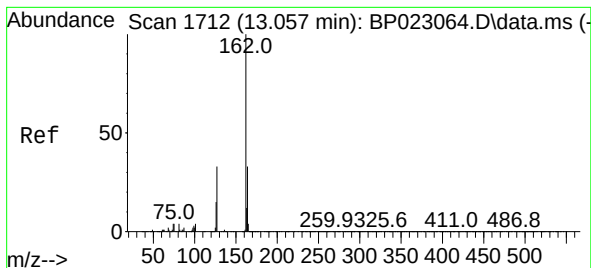
Ion Ratio Lower Upper

154 100

153 39.8 32.0 48.0

76 10.7 8.4 12.6





#44

2-Chloronaphthalene

Concen: 31.976 ng/ul

RT: 13.051 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP023078.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_P

ClientSampleId :

SLCS834

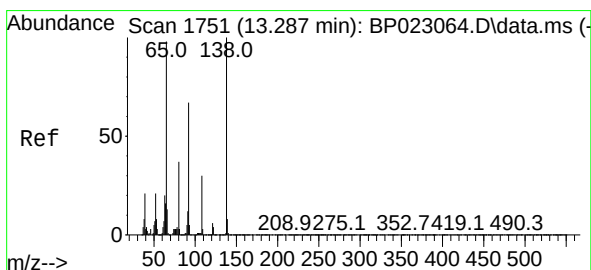
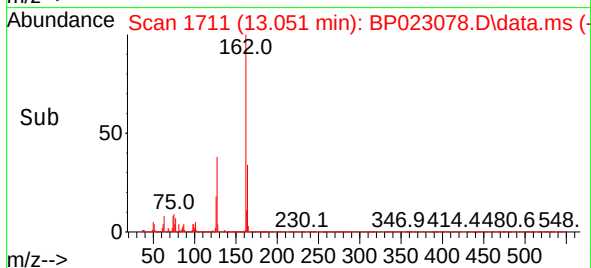
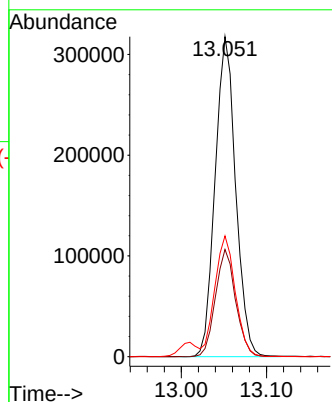
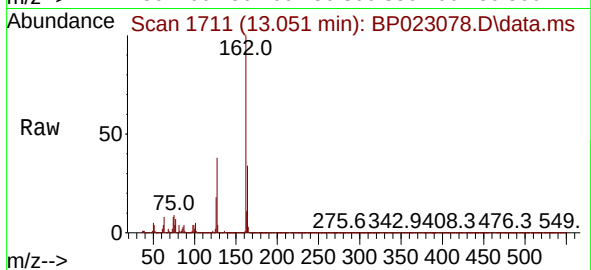
Tgt Ion:162 Resp: 532700

Ion Ratio Lower Upper

162 100

164 33.5 26.6 40.0

127 37.7 30.2 45.2



#45

2-Nitroaniline

Concen: 35.731 ng/ul

RT: 13.281 min Scan# 1750

Delta R.T. -0.006 min

Lab File: BP023078.D

Acq: 13 Nov 2024 12:48

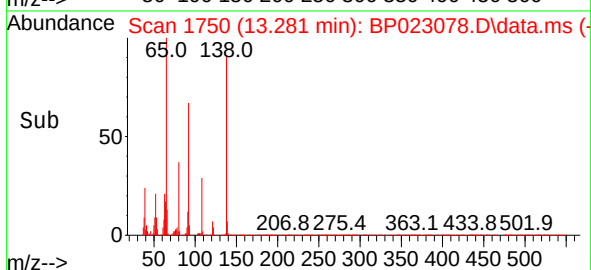
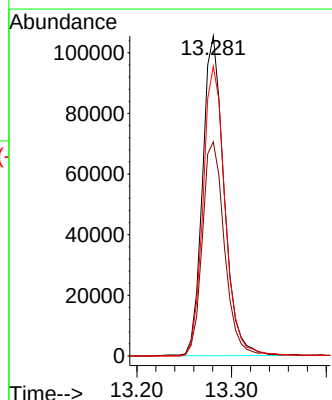
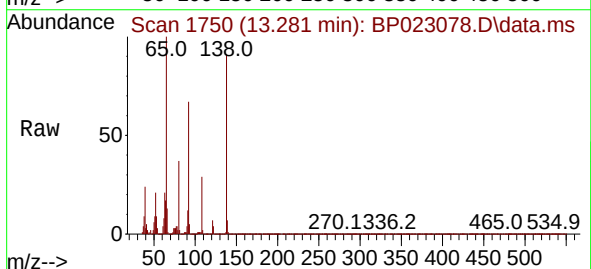
Tgt Ion: 65 Resp: 167142

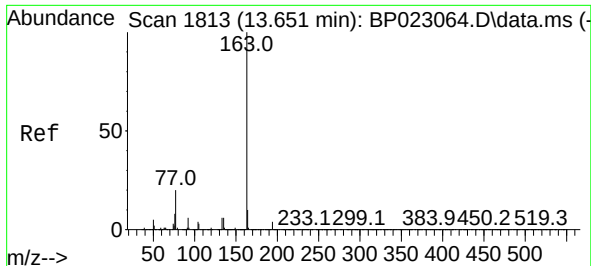
Ion Ratio Lower Upper

65 100

92 66.9 54.2 81.2

138 90.5 65.1 97.7

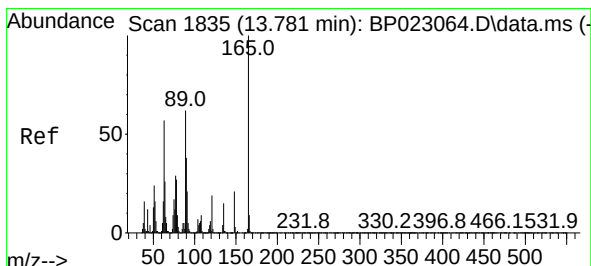
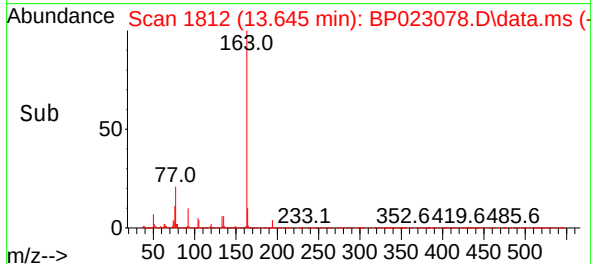
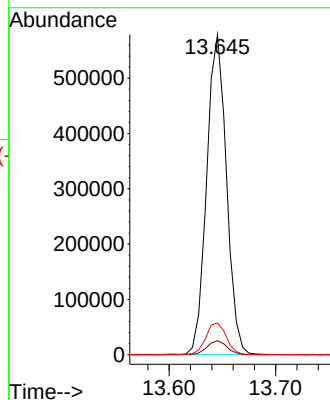
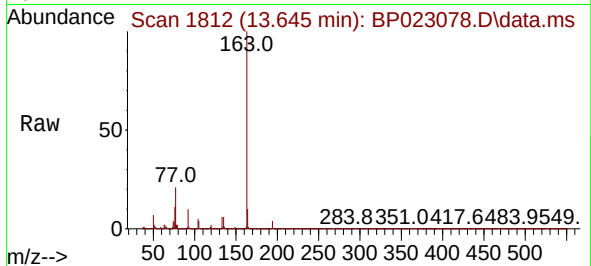




#47
Dimethylphthalate
Concen: 33.002 ng/ul
RT: 13.645 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BP023078.D
Acq: 13 Nov 2024 12:48

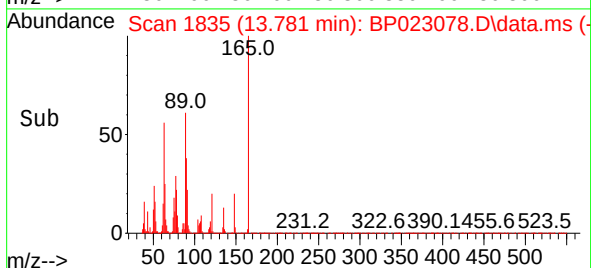
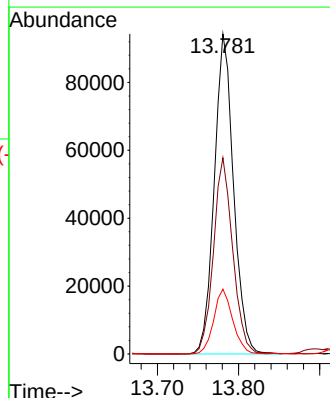
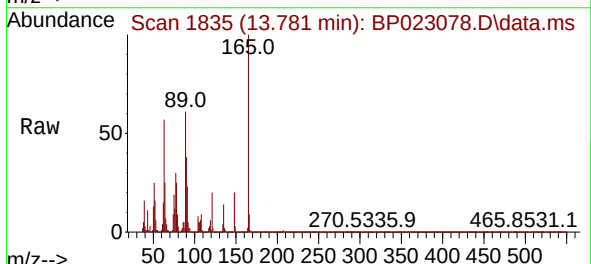
Instrument :
BNA_P
ClientSampleId :
SLCS834

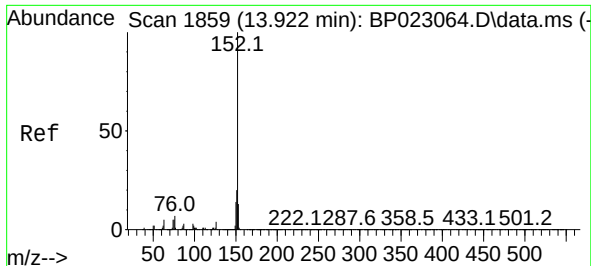
Tgt Ion:163 Resp: 746054
Ion Ratio Lower Upper
163 100
194 4.3 3.8 5.6
164 9.9 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 35.382 ng/ul
RT: 13.781 min Scan# 1835
Delta R.T. -0.000 min
Lab File: BP023078.D
Acq: 13 Nov 2024 12:48

Tgt Ion:165 Resp: 155589
Ion Ratio Lower Upper
165 100
89 61.3 50.6 75.8
121 20.3 15.8 23.8

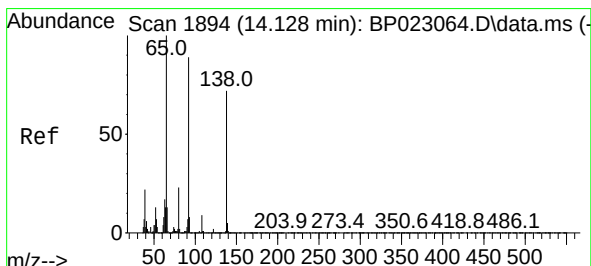
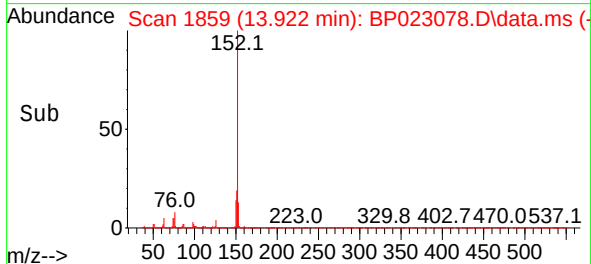
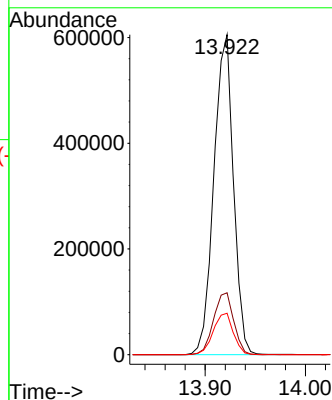
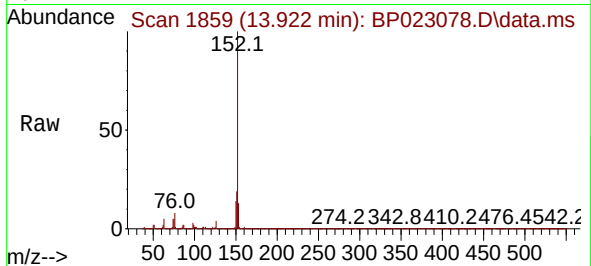




#50
Acenaphthylene
Concen: 33.828 ng/ul
RT: 13.922 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BP023078.D
Acq: 13 Nov 2024 12:48

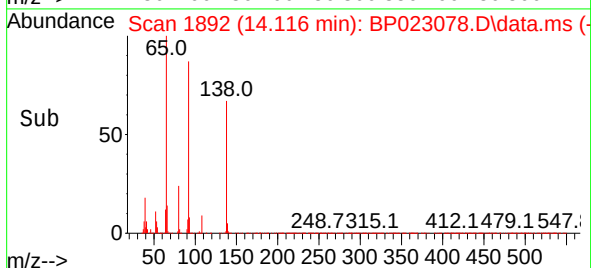
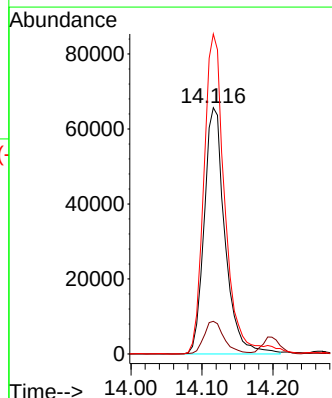
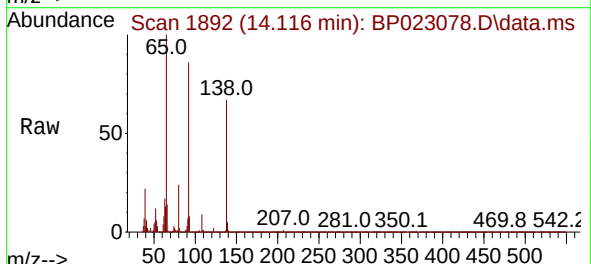
Instrument :
BNA_P
ClientSampleId :
SLCS834

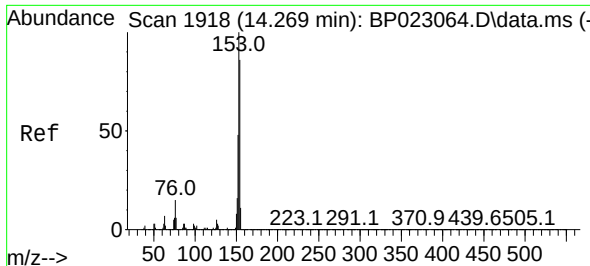
Tgt Ion:	152	Resp:	817856
Ion Ratio	Lower	Upper	
152	100		
151	19.4	15.9	23.9
153	13.0	10.2	15.2



#51
3-Nitroaniline
Concen: 35.283 ng/ul
RT: 14.116 min Scan# 1892
Delta R.T. -0.012 min
Lab File: BP023078.D
Acq: 13 Nov 2024 12:48

Tgt Ion:	138	Resp:	133636
Ion Ratio	Lower	Upper	
138	100		
108	13.3	12.7	19.1
92	130.0	107.8	161.8

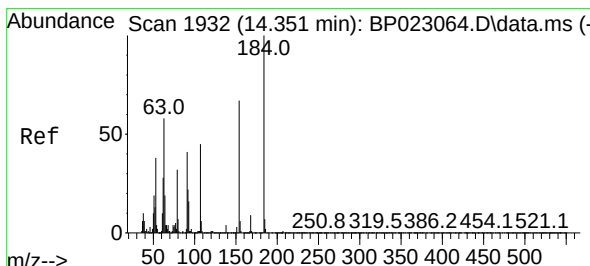
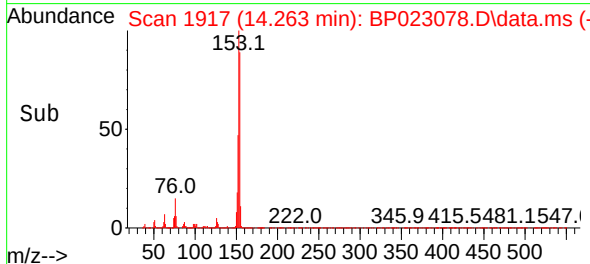
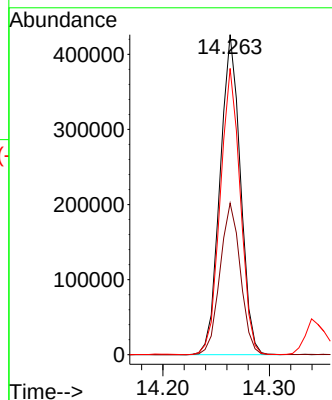
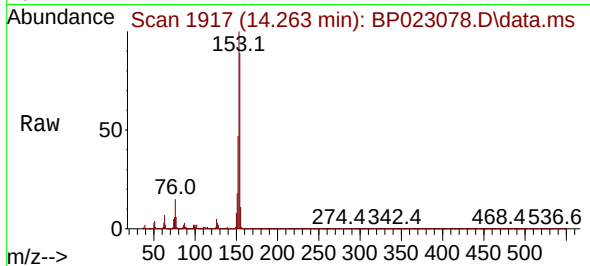




#52
Acenaphthene
Concen: 32.219 ng/ul
RT: 14.263 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP023078.D
Acq: 13 Nov 2024 12:48

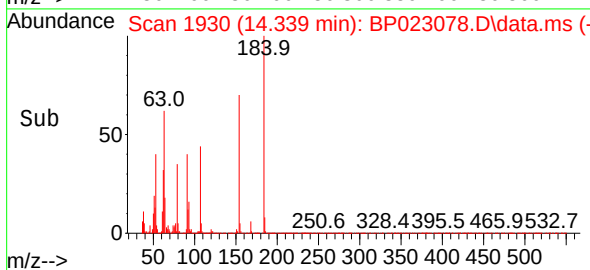
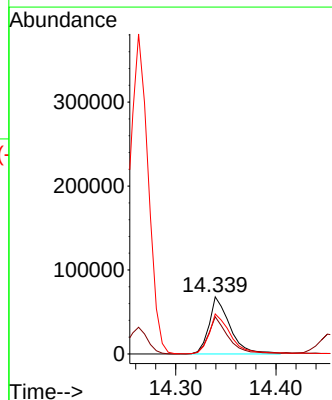
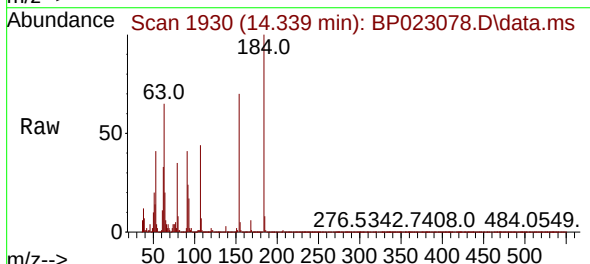
Instrument :
BNA_P
ClientSampleId :
SLCS834

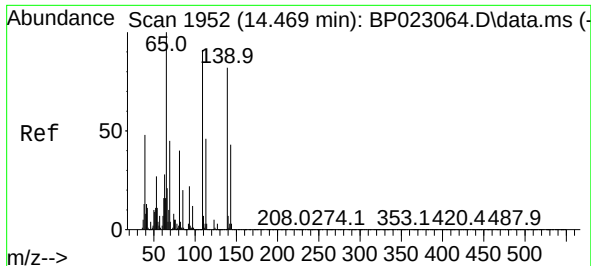
Tgt Ion:153 Resp: 565533
Ion Ratio Lower Upper
153 100
152 47.4 39.6 59.4
154 89.4 70.9 106.3



#53
2,4-Dinitrophenol
Concen: 31.493 ng/ul
RT: 14.339 min Scan# 1930
Delta R.T. -0.012 min
Lab File: BP023078.D
Acq: 13 Nov 2024 12:48

Tgt Ion:184 Resp: 98263
Ion Ratio Lower Upper
184 100
63 65.0 50.1 75.1
154 70.1 58.2 87.4





#55

4-Nitrophenol

Concen: 31.952 ng/ul

RT: 14.457 min Scan# 1950

Delta R.T. -0.012 min

Lab File: BP023078.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_P

ClientSampleId :

SLCS834

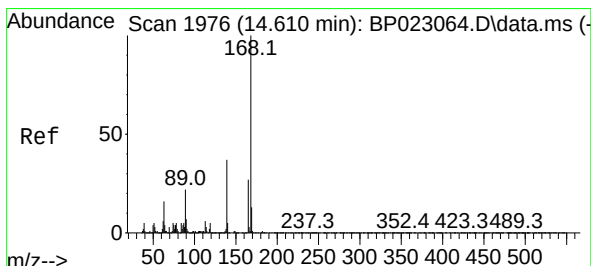
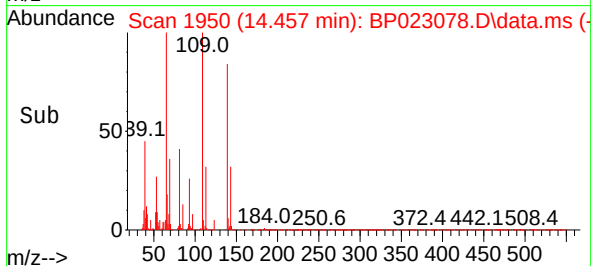
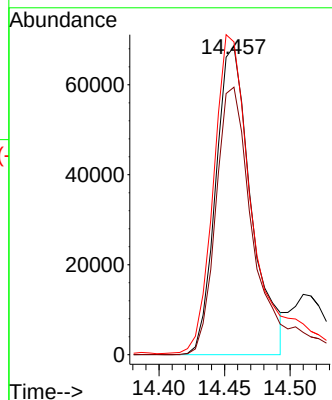
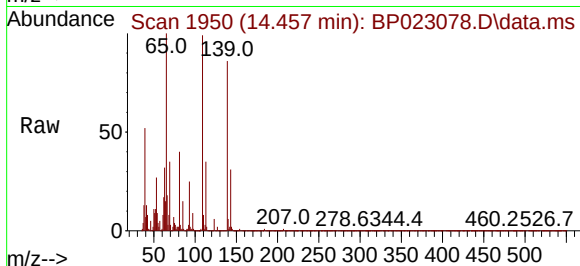
Tgt Ion:109 Resp: 128779

Ion Ratio Lower Upper

109 100

139 86.8 64.6 96.8

65 101.5 80.6 120.8



#56

Dibenzofuran

Concen: 32.248 ng/ul

RT: 14.604 min Scan# 1975

Delta R.T. -0.006 min

Lab File: BP023078.D

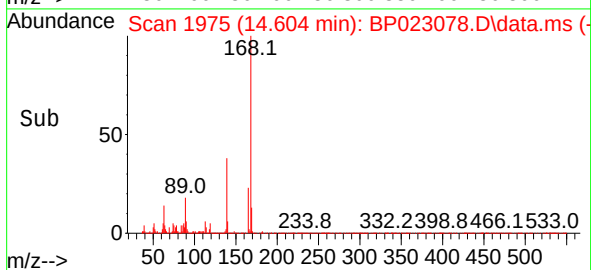
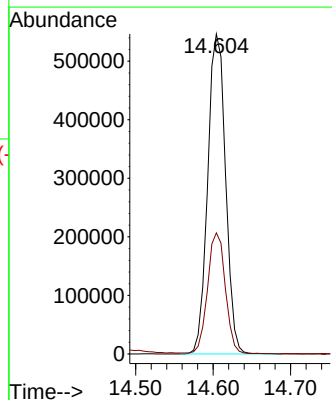
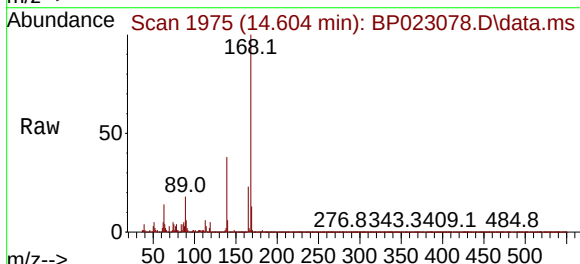
Acq: 13 Nov 2024 12:48

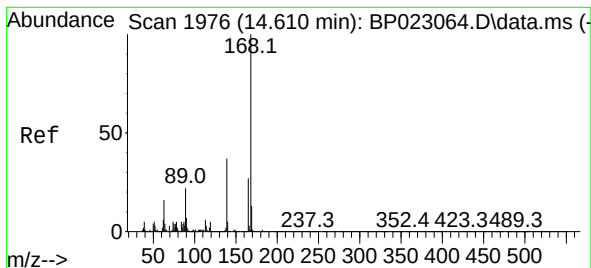
Tgt Ion:168 Resp: 874563

Ion Ratio Lower Upper

168 100

139 37.8 29.7 44.5





#57

2,4-Dinitrotoluene

Concen: 35.353 ng/ul

RT: 14.598 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP023078.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_P

ClientSampleId :

SLCS834

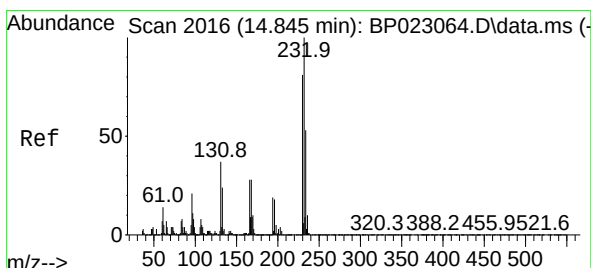
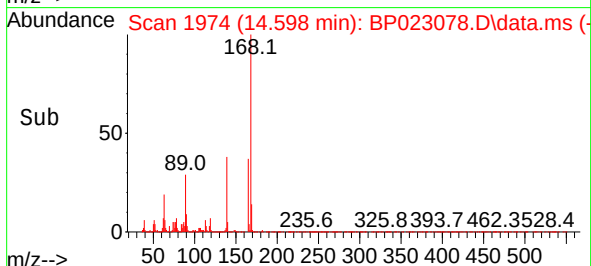
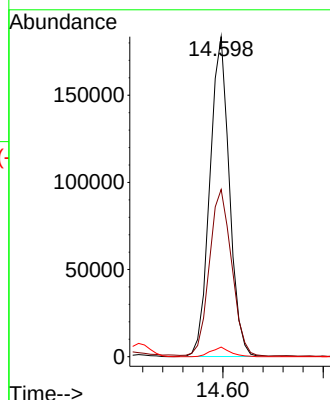
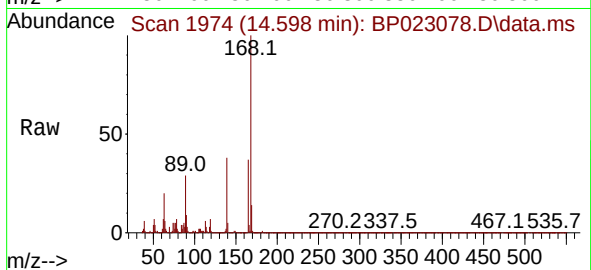
Tgt Ion:165 Resp: 247772

Ion Ratio Lower Upper

165 100

63 52.3 41.3 61.9

182 3.0 2.5 3.7



#58

2,3,4,6-Tetrachlorophenol

Concen: 29.526 ng/ul

RT: 14.839 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BP023078.D

Acq: 13 Nov 2024 12:48

Tgt Ion:232 Resp: 203436

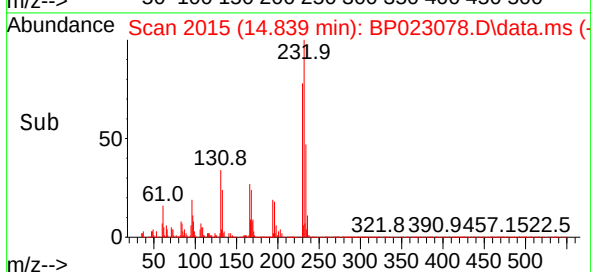
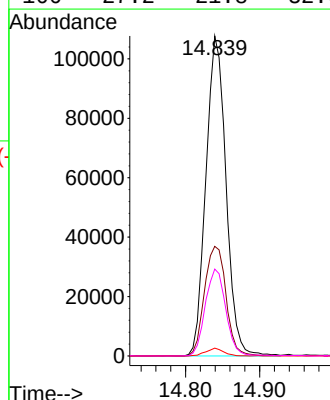
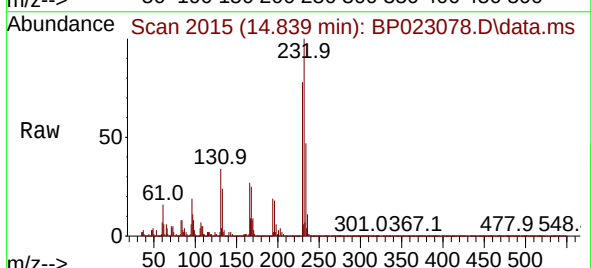
Ion Ratio Lower Upper

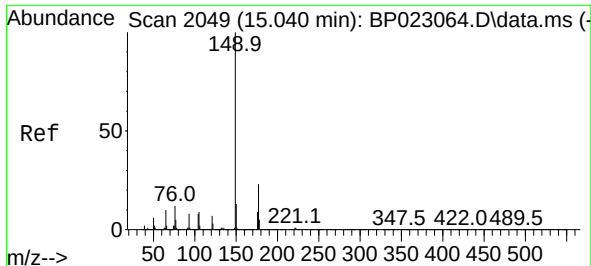
232 100

131 34.2 27.0 40.6

130 2.5 1.9 2.9

166 27.2 21.8 32.6





#59

Diethylphthalate

Concen: 33.511 ng/ul

RT: 15.039 min Scan# 2049

Delta R.T. -0.000 min

Lab File: BP023078.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_P

ClientSampleId :

SLCS834

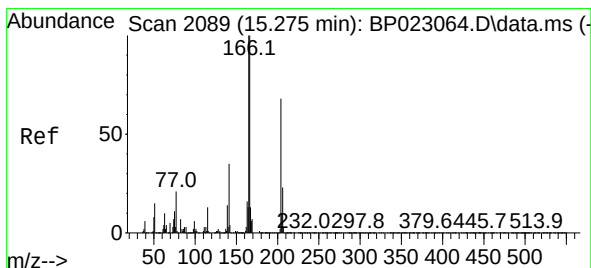
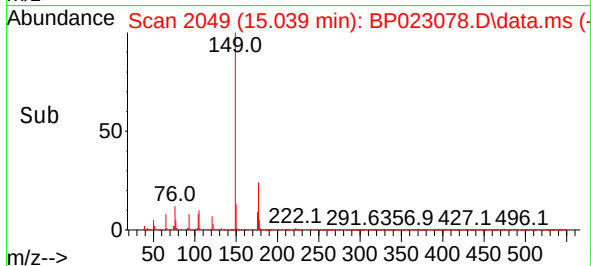
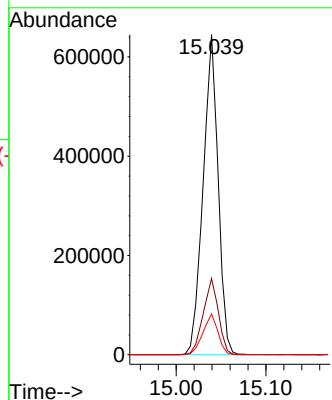
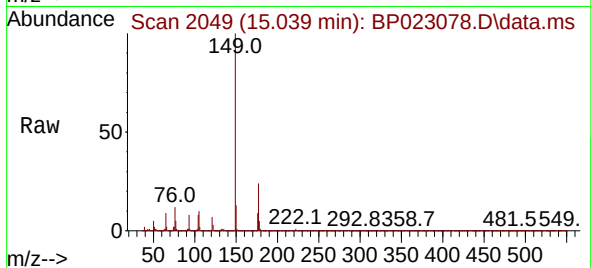
Tgt Ion:149 Resp: 749240

Ion Ratio Lower Upper

149 100

177 23.8 19.7 29.5

150 12.7 9.8 14.6



#61

Fluorene

Concen: 32.792 ng/ul

RT: 15.275 min Scan# 2089

Delta R.T. -0.000 min

Lab File: BP023078.D

Acq: 13 Nov 2024 12:48

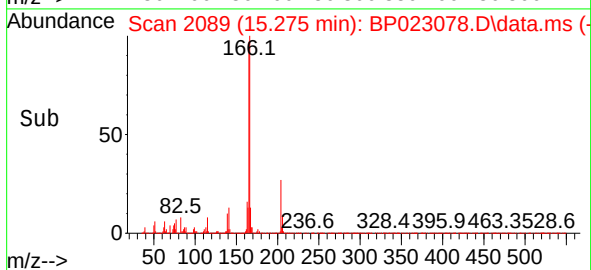
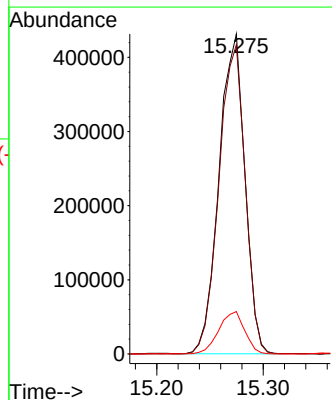
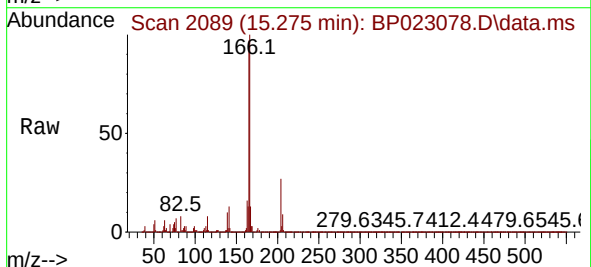
Tgt Ion:166 Resp: 727883

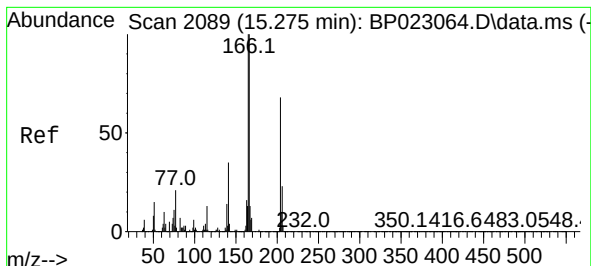
Ion Ratio Lower Upper

166 100

165 96.6 79.5 119.3

167 13.2 10.3 15.5

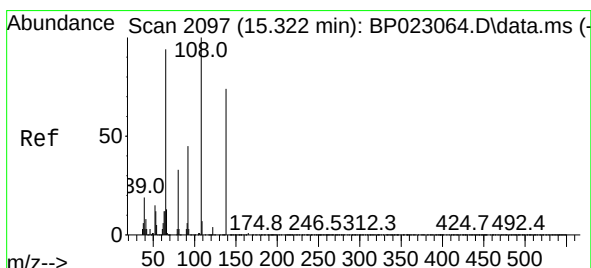
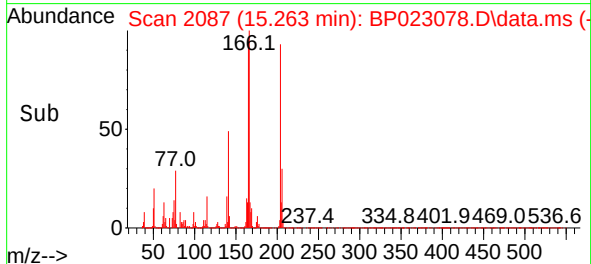
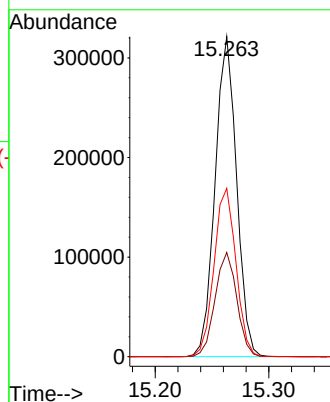
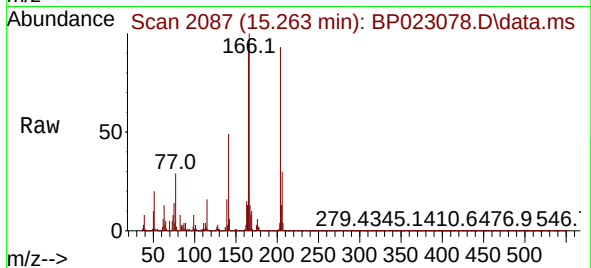




#62
4-Chlorophenyl-phenylether
Concen: 32.316 ng/ul
RT: 15.263 min Scan# 2087
Delta R.T. -0.012 min
Lab File: BP023078.D
Acq: 13 Nov 2024 12:48

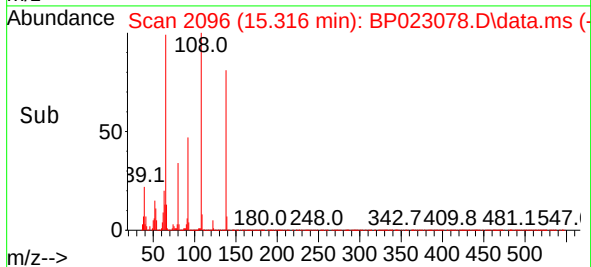
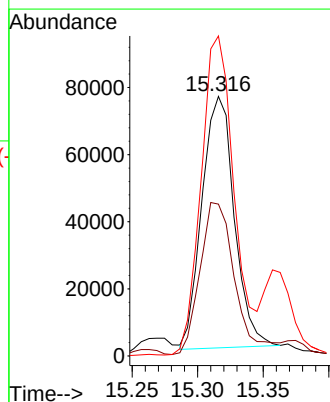
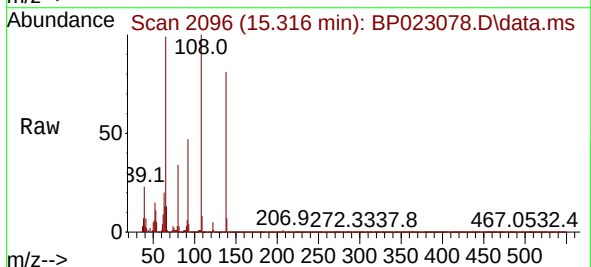
Instrument :
BNA_P
ClientSampleId :
SLCS834

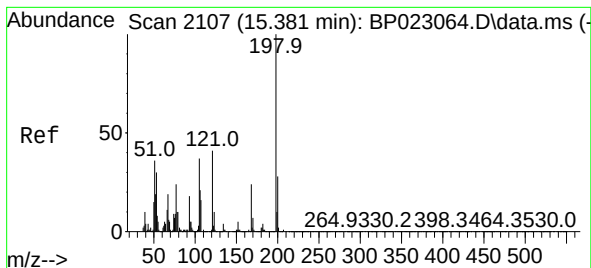
Tgt Ion:204 Resp: 422353
Ion Ratio Lower Upper
204 100
206 32.5 27.2 40.8
141 52.6 44.6 66.8



#63
4-Nitroaniline
Concen: 36.529 ng/ul
RT: 15.316 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BP023078.D
Acq: 13 Nov 2024 12:48

Tgt Ion:138 Resp: 128739
Ion Ratio Lower Upper
138 100
92 58.5 53.9 80.9
108 123.3 106.6 159.8

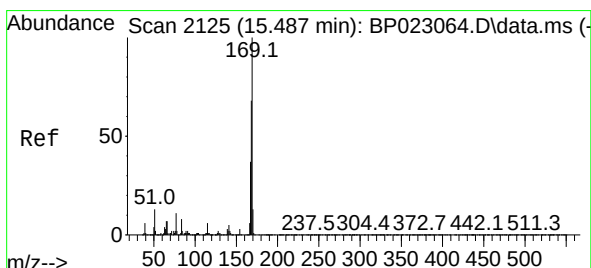
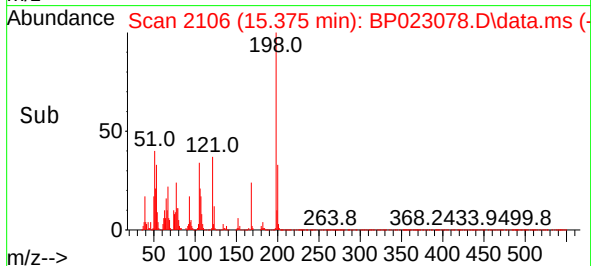
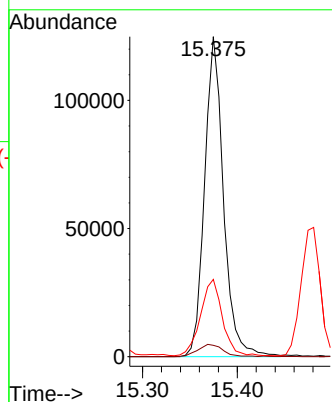
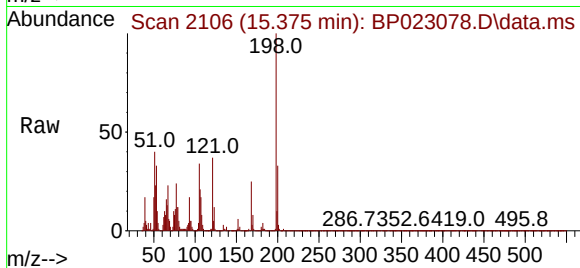




#66
4,6-Dinitro-2-methylphenol
Concen: 33.152 ng/ul
RT: 15.375 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BP023078.D
Acq: 13 Nov 2024 12:48

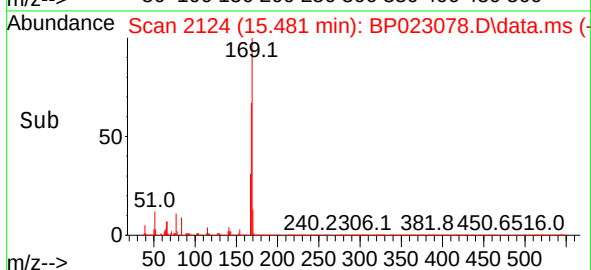
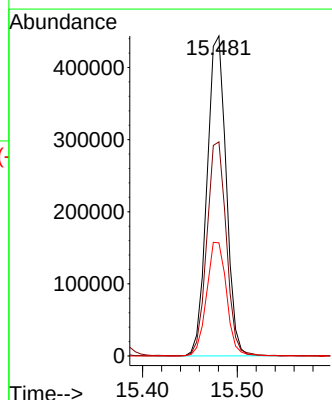
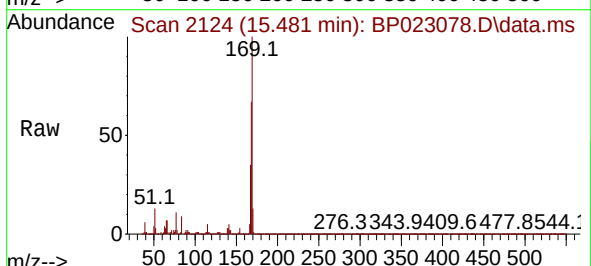
Instrument :
BNA_P
ClientSampleId :
SLCS834

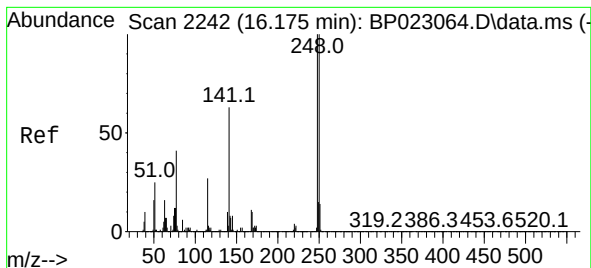
Tgt Ion:198 Resp: 172961
Ion Ratio Lower Upper
198 100
182 3.6 3.8 5.8#
77 24.1 20.0 30.0



#67
N-Nitrosodiphenylamine
Concen: 33.082 ng/ul
RT: 15.481 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BP023078.D
Acq: 13 Nov 2024 12:48

Tgt Ion:169 Resp: 623233
Ion Ratio Lower Upper
169 100
168 66.9 53.4 80.0
167 35.3 29.4 44.2





#68

4-Bromophenyl-phenylether

Concen: 32.408 ng/ul

RT: 16.169 min Scan# 2242

Delta R.T. -0.006 min

Lab File: BP023078.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_P

ClientSampleId :

SLCS834

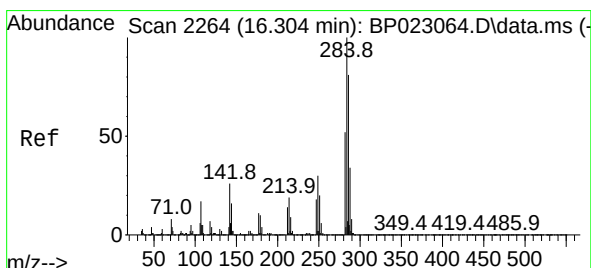
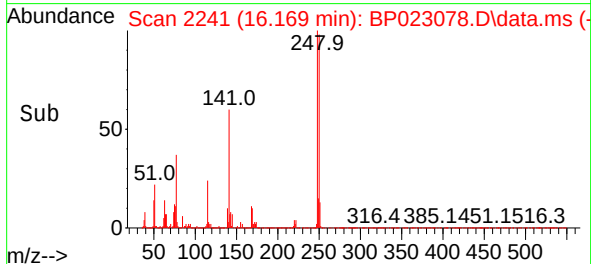
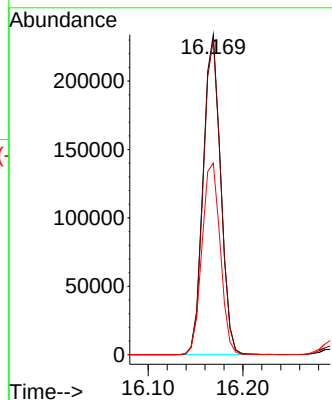
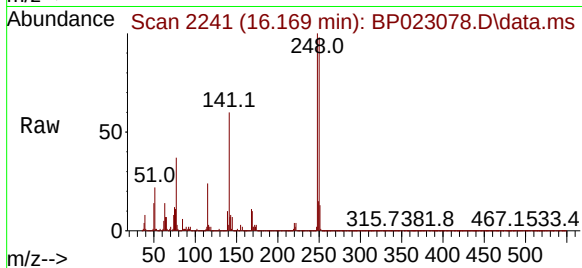
Tgt Ion:248 Resp: 299201

Ion Ratio Lower Upper

248 100

250 98.4 77.1 115.7

141 59.9 50.7 76.1



#69

Hexachlorobenzene

Concen: 31.663 ng/ul

RT: 16.292 min Scan# 2262

Delta R.T. -0.012 min

Lab File: BP023078.D

Acq: 13 Nov 2024 12:48

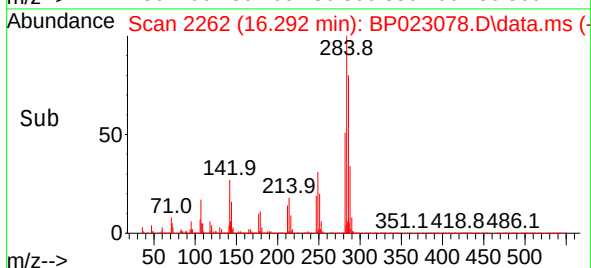
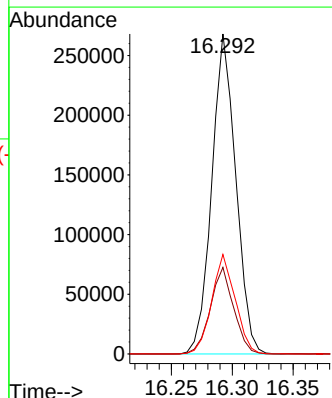
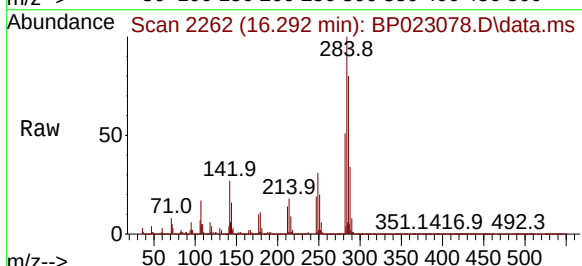
Tgt Ion:284 Resp: 367991

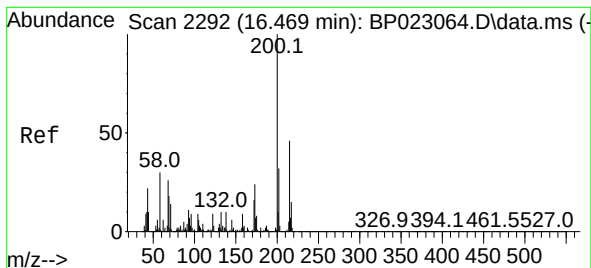
Ion Ratio Lower Upper

284 100

142 27.0 21.5 32.3

249 31.1 25.6 38.4





#70

Atrazine

Concen: 13.404 ng/ul

RT: 16.463 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP023078.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_P

ClientSampleId :

SLCS834

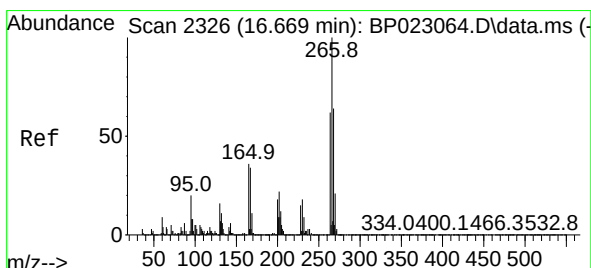
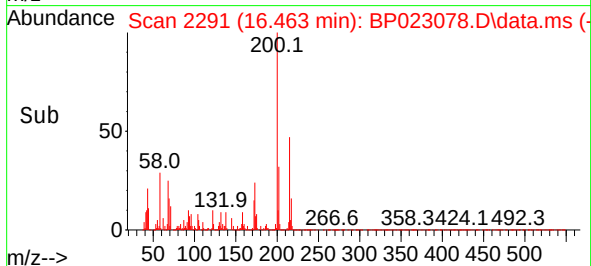
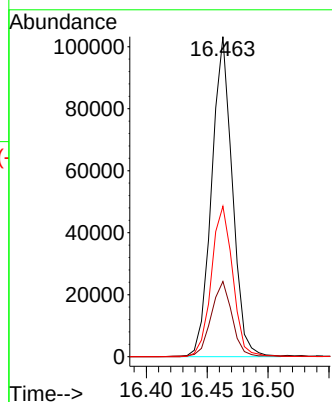
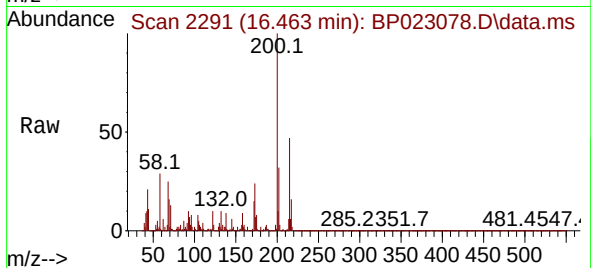
Tgt Ion:200 Resp: 122061

Ion Ratio Lower Upper

200 100

173 23.5 18.6 27.8

215 47.0 38.3 57.5



#71

Pentachlorophenol

Concen: 26.426 ng/ul

RT: 16.657 min Scan# 2324

Delta R.T. -0.012 min

Lab File: BP023078.D

Acq: 13 Nov 2024 12:48

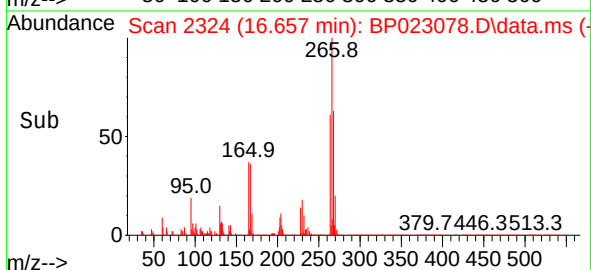
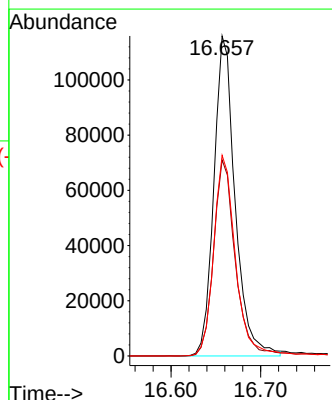
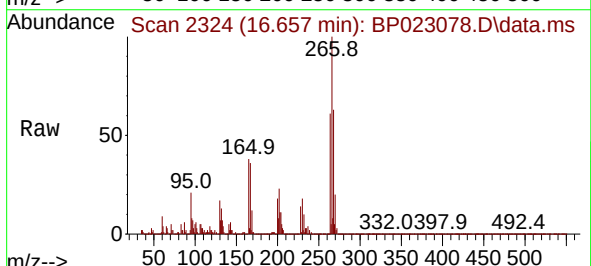
Tgt Ion:266 Resp: 190682

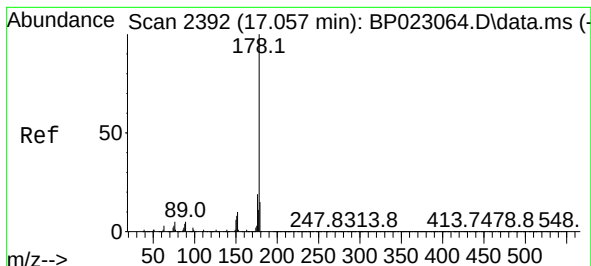
Ion Ratio Lower Upper

266 100

264 61.3 50.7 76.1

268 62.7 51.9 77.9





#72

Phenanthrene

Concen: 32.946 ng/ul

RT: 17.051 min Scan# 2407

Delta R.T. -0.006 min

Lab File: BP023078.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_P

ClientSampleId :

SLCS834

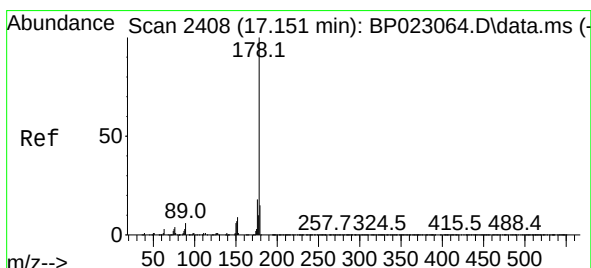
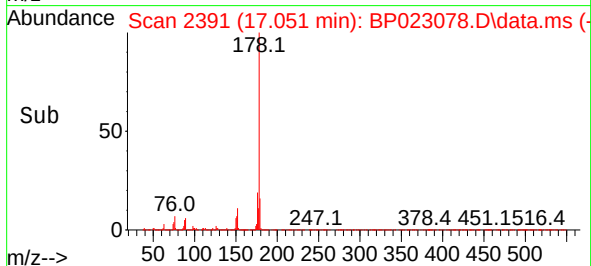
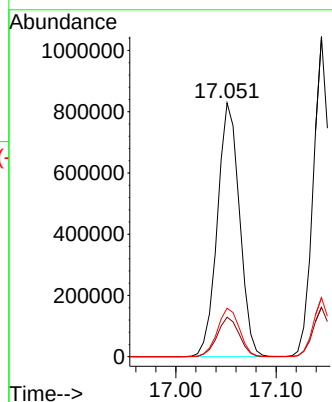
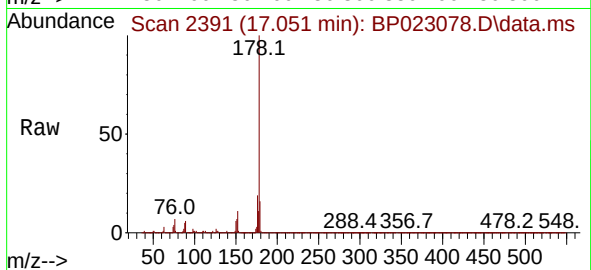
Tgt Ion:178 Resp: 1268194

Ion Ratio Lower Upper

178 100

179 15.6 12.7 19.1

176 19.1 15.4 23.2



#74

Anthracene

Concen: 32.613 ng/ul

RT: 17.145 min Scan# 2407

Delta R.T. -0.006 min

Lab File: BP023078.D

Acq: 13 Nov 2024 12:48

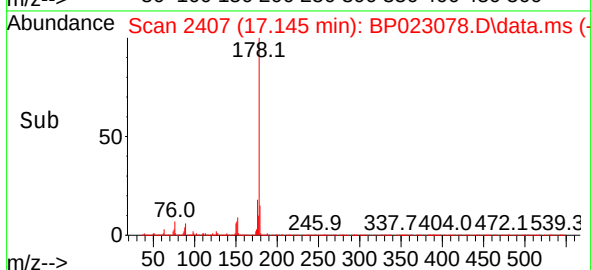
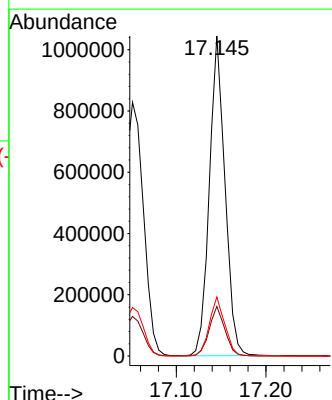
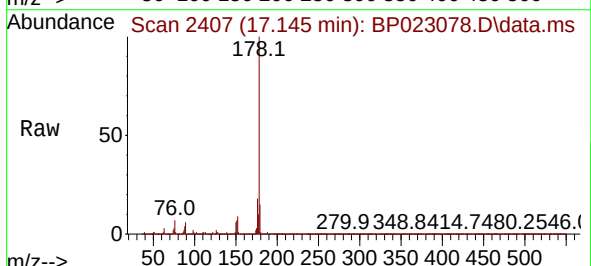
Tgt Ion:178 Resp: 1262161

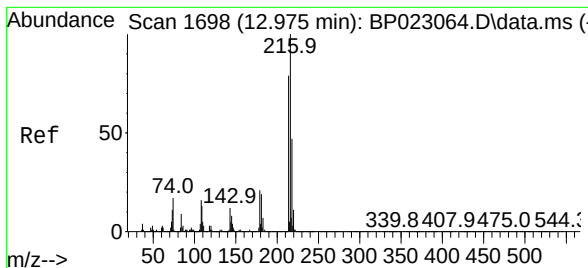
Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

176 18.5 14.5 21.7





#75

1,2,3,4-Tetrachlorobenzene

Concen: 31.653 ng/uL

RT: 12.969 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP023078.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_P

ClientSampleId :

SLCS834

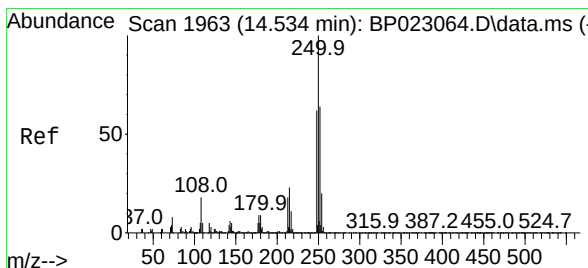
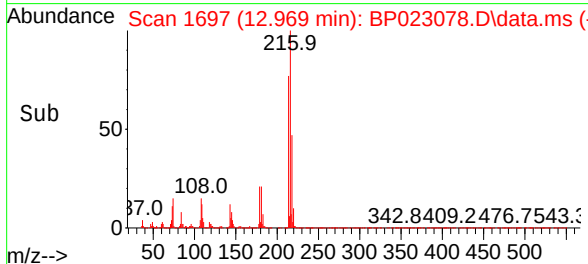
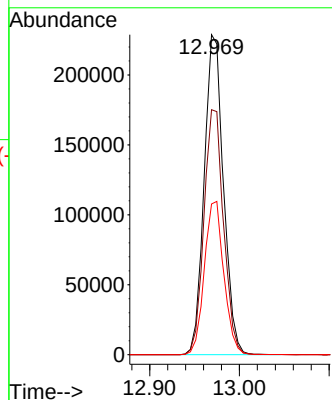
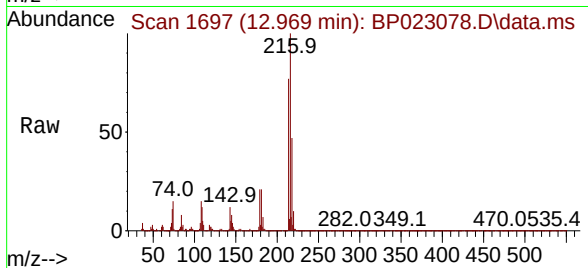
Tgt Ion:216 Resp: 340716

Ion Ratio Lower Upper

216 100

214 76.5 60.2 90.2

218 47.1 38.1 57.1



#76

Pentachlorobenzene

Concen: 30.913 ng/uL

RT: 14.516 min Scan# 1960

Delta R.T. -0.018 min

Lab File: BP023078.D

Acq: 13 Nov 2024 12:48

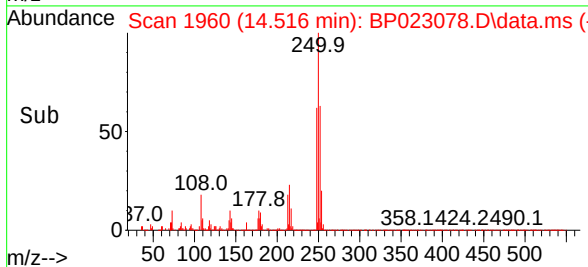
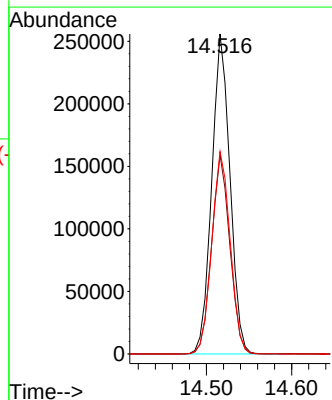
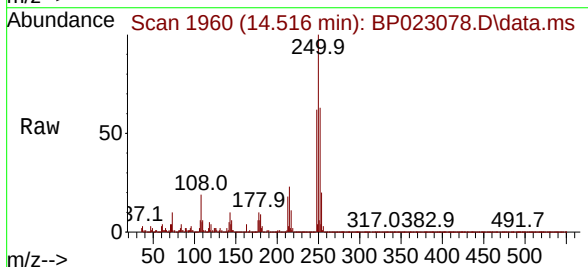
Tgt Ion:250 Resp: 379954

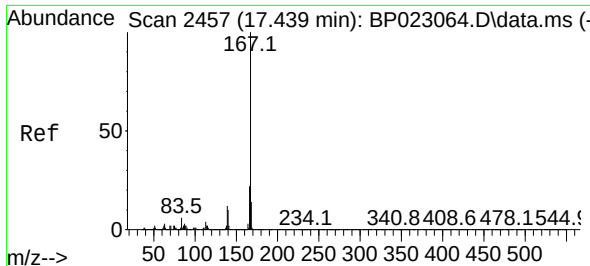
Ion Ratio Lower Upper

250 100

248 62.2 52.2 78.2

252 63.3 50.1 75.1

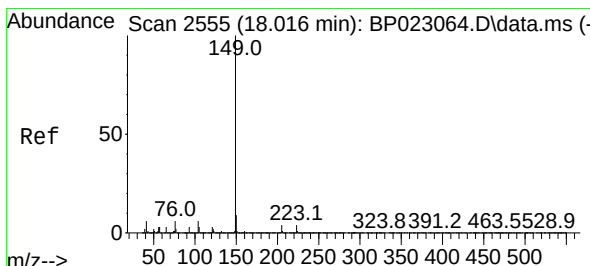
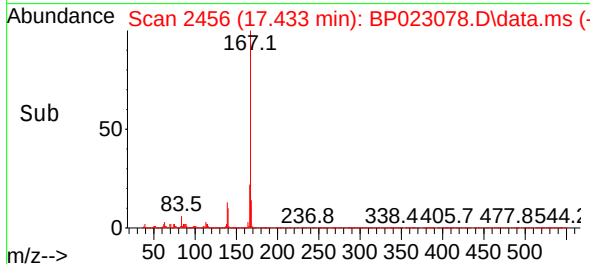
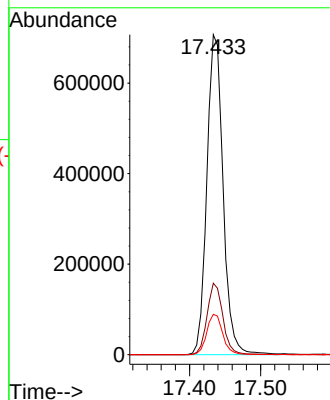
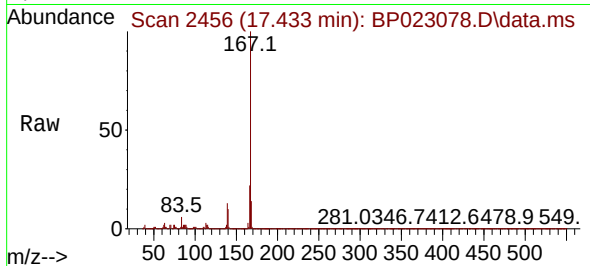




#77
 Carbazole
 Concen: 33.326 ng/ul
 RT: 17.433 min Scan# 2457
 Delta R.T. -0.006 min
 Lab File: BP023078.D
 Acq: 13 Nov 2024 12:48

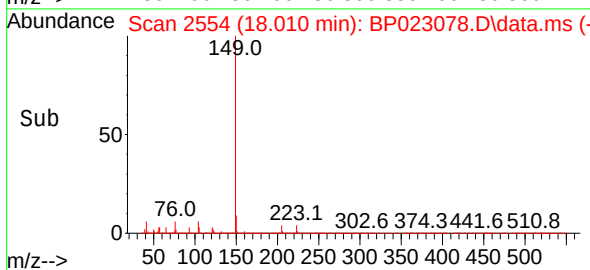
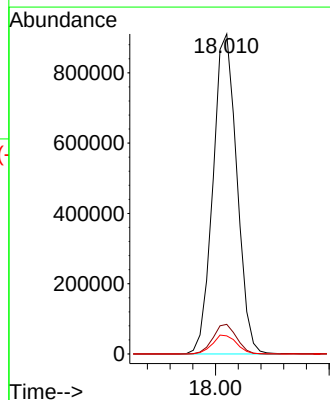
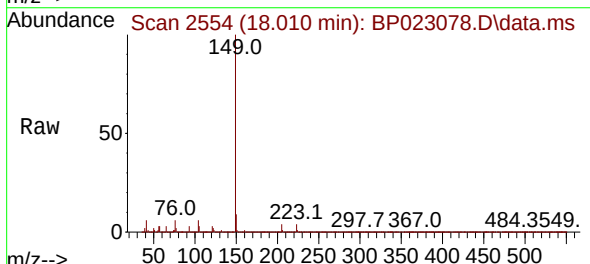
Instrument :
 BNA_P
 ClientSampleId :
 SLCS834

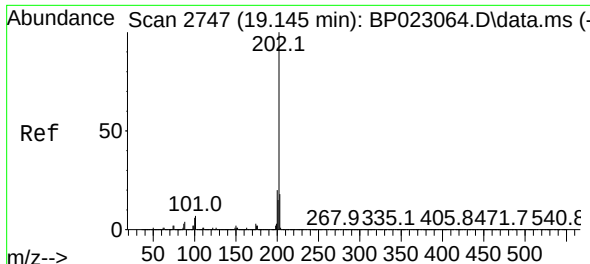
Tgt Ion:167 Resp: 1125262
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.5 26.3
 139 12.6 9.6 14.4



#78
 Di-n-butylphthalate
 Concen: 35.449 ng/ul
 RT: 18.010 min Scan# 2554
 Delta R.T. -0.006 min
 Lab File: BP023078.D
 Acq: 13 Nov 2024 12:48

Tgt Ion:149 Resp: 1328247
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.2 10.8
 104 5.7 5.0 7.4

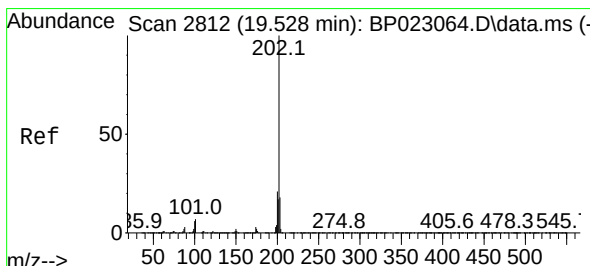
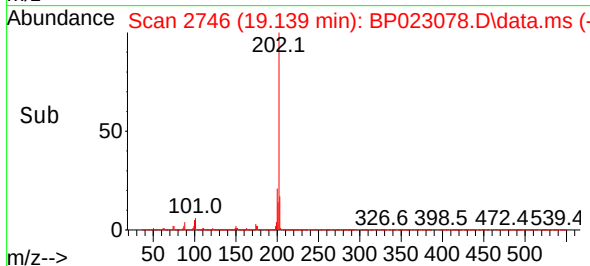
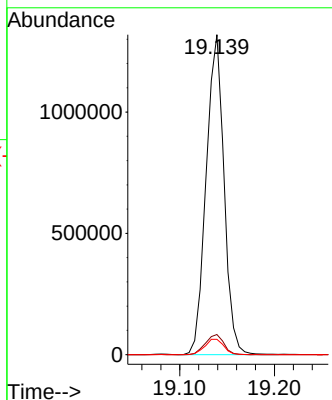
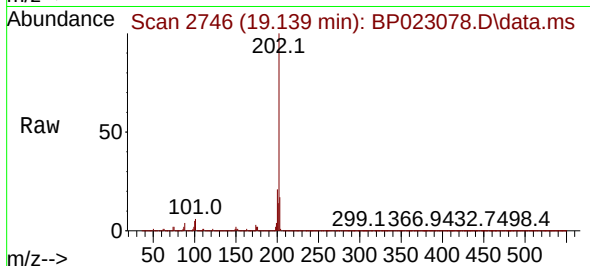




#80
Fluoranthene
Concen: 36.278 ng/ul
RT: 19.139 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP023078.D
Acq: 13 Nov 2024 12:48

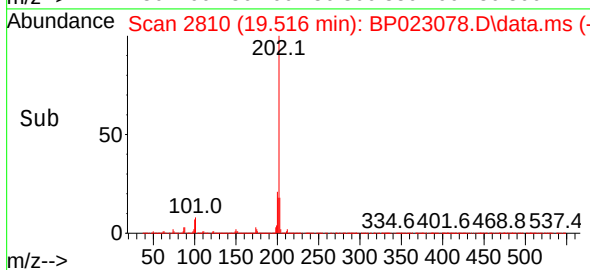
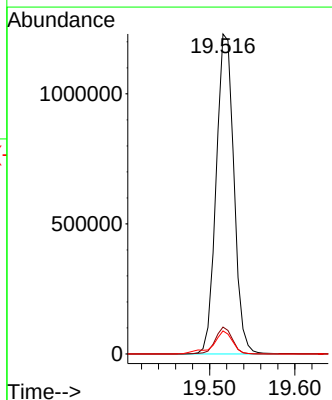
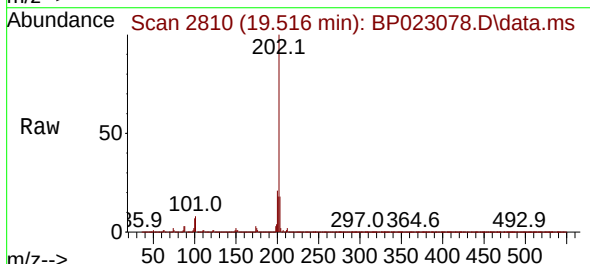
Instrument :
BNA_P
ClientSampleId :
SLCS834

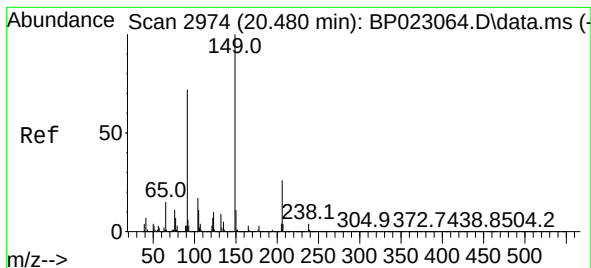
Tgt Ion:202 Resp: 1725734
Ion Ratio Lower Upper
202 100
101 6.3 5.2 7.8
100 4.8 4.1 6.1



#82
Pyrene
Concen: 34.819 ng/ul
RT: 19.516 min Scan# 2810
Delta R.T. -0.012 min
Lab File: BP023078.D
Acq: 13 Nov 2024 12:48

Tgt Ion:202 Resp: 1779342
Ion Ratio Lower Upper
202 100
101 8.4 6.2 9.2
100 7.2 4.9 7.3





#83

Butylbenzylphthalate

Concen: 36.721 ng/ul

RT: 20.474 min Scan# 2974

Delta R.T. -0.006 min

Lab File: BP023078.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_P

ClientSampleId :

SLCS834

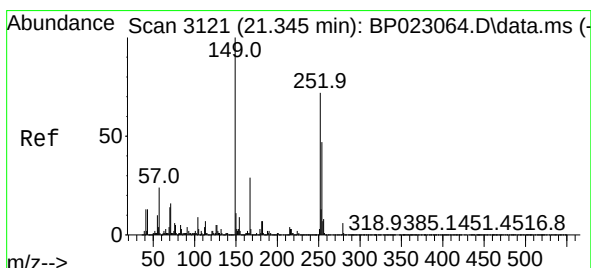
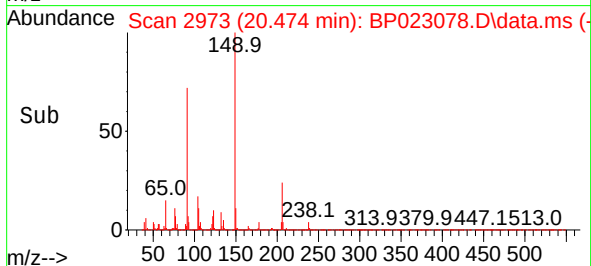
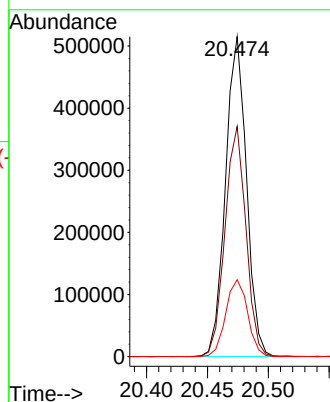
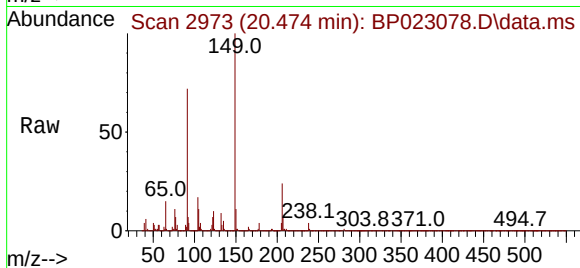
Tgt Ion:149 Resp: 617830

Ion Ratio Lower Upper

149 100

91 72.0 55.6 83.4

206 24.1 20.2 30.2



#84

3,3'-Dichlorobenzidine

Concen: 33.000 ng/ul

RT: 21.345 min Scan# 3121

Delta R.T. -0.000 min

Lab File: BP023078.D

Acq: 13 Nov 2024 12:48

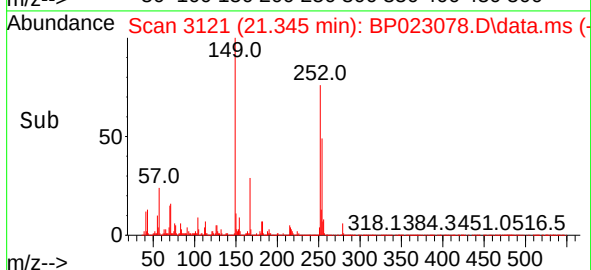
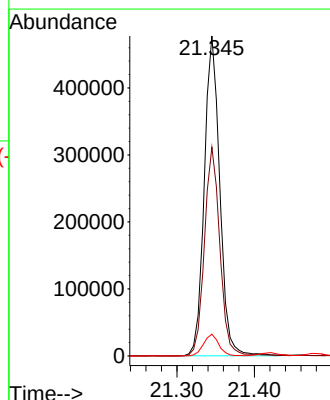
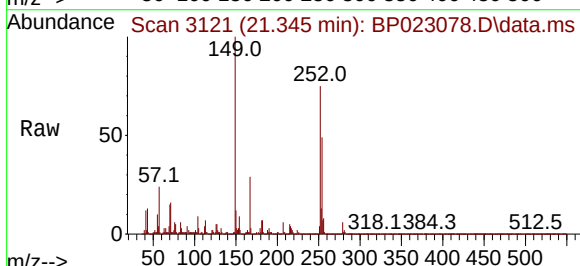
Tgt Ion:252 Resp: 664037

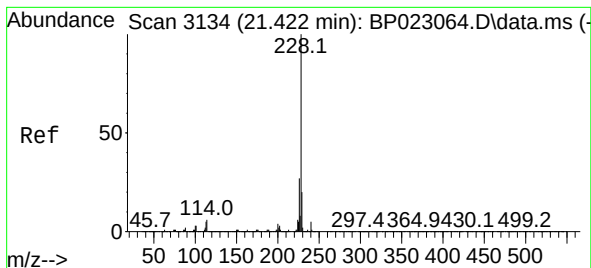
Ion Ratio Lower Upper

252 100

254 65.3 52.0 78.0

126 6.8 5.0 7.6





#85

Benzo(a)anthracene

Concen: 34.363 ng/ul

RT: 21.421 min Scan# 3134

Delta R.T. -0.000 min

Lab File: BP023078.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_P

ClientSampleId :

SLCS834

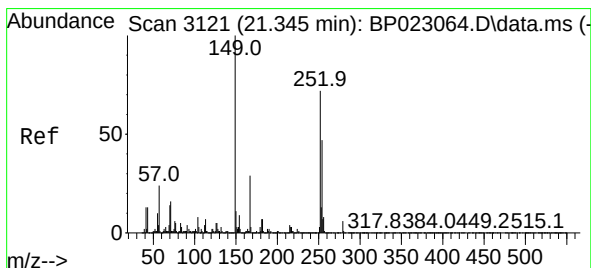
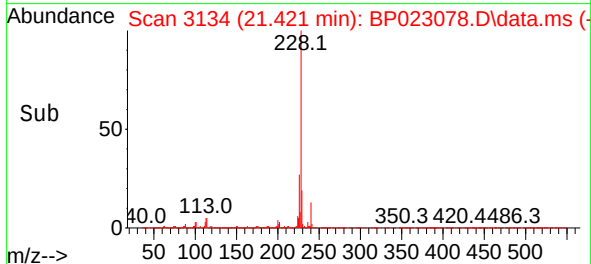
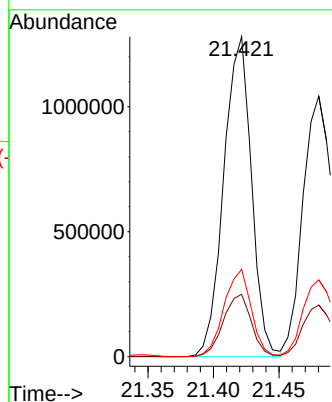
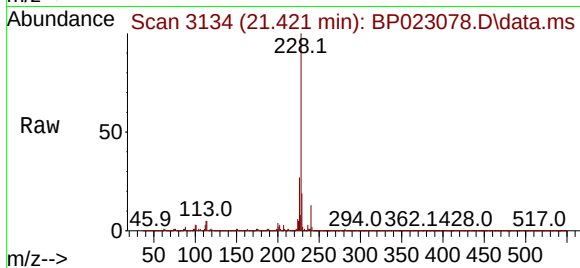
Tgt Ion:228 Resp: 1880989

Ion Ratio Lower Upper

228 100

229 19.5 15.5 23.3

226 27.3 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 37.088 ng/ul

RT: 21.351 min Scan# 3122

Delta R.T. 0.006 min

Lab File: BP023078.D

Acq: 13 Nov 2024 12:48

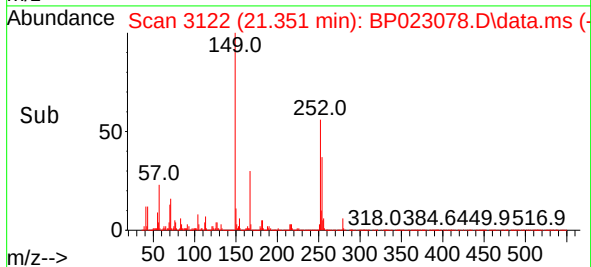
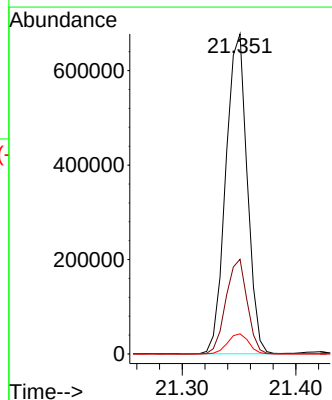
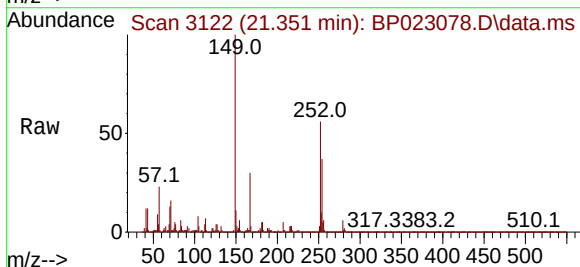
Tgt Ion:149 Resp: 886757

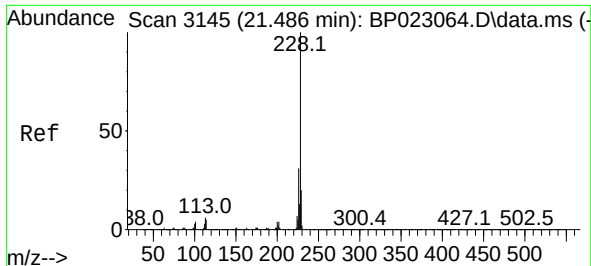
Ion Ratio Lower Upper

149 100

167 29.6 24.5 36.7

279 6.3 5.5 8.3

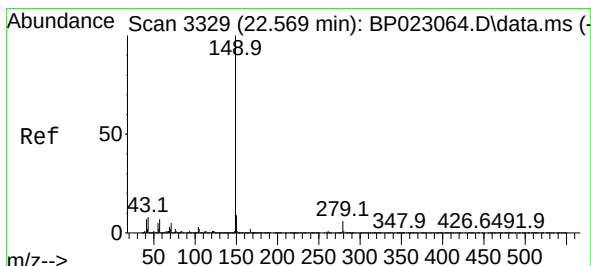
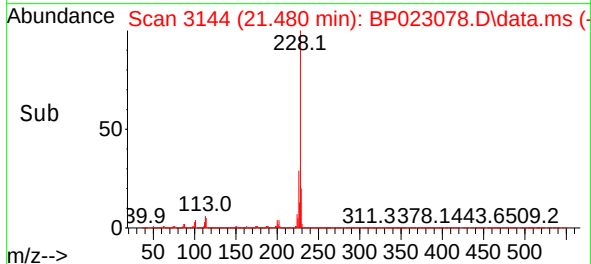
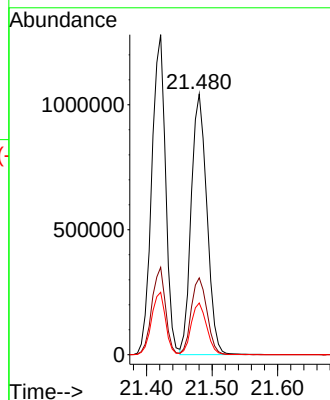
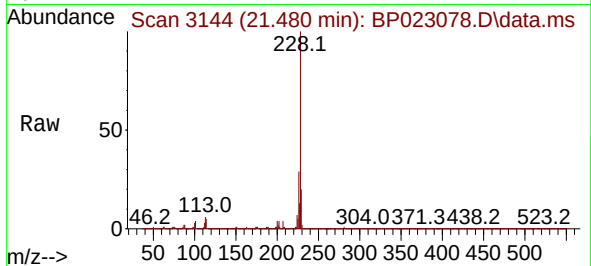




#87
Chrysene
Concen: 33.562 ng/ul
RT: 21.480 min Scan# 3145
Delta R.T. -0.006 min
Lab File: BP023078.D
Acq: 13 Nov 2024 12:48

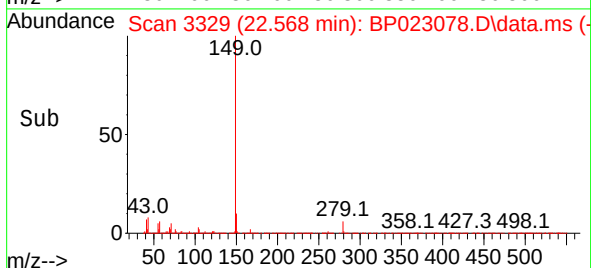
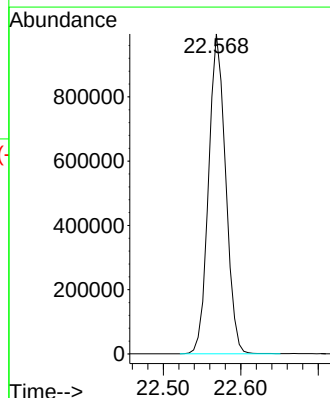
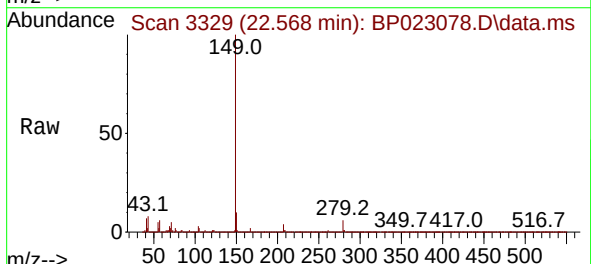
Instrument :
BNA_P
ClientSampleId :
SLCS834

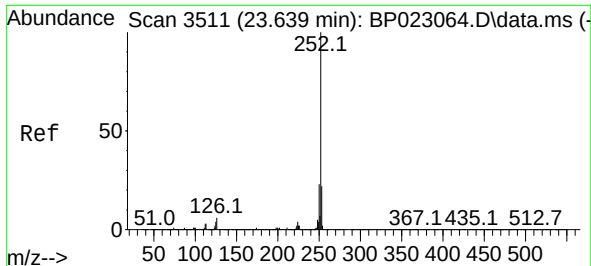
Tgt Ion:228 Resp: 1728621
Ion Ratio Lower Upper
228 100
226 29.5 24.2 36.2
229 19.9 16.1 24.1



#89
Di-n-octyl phthalate
Concen: 36.483 ng/ul
RT: 22.568 min Scan# 3329
Delta R.T. -0.000 min
Lab File: BP023078.D
Acq: 13 Nov 2024 12:48

Tgt Ion:149 Resp: 1520779





#90

Benzo(b)fluoranthene

Concen: 34.250 ng/ul

RT: 23.633 min Scan# 3511

Delta R.T. -0.006 min

Lab File: BP023078.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_P

ClientSampleId :

SLCS834

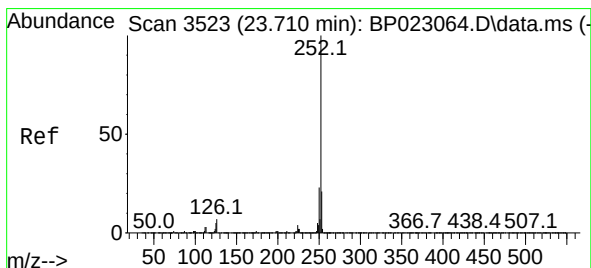
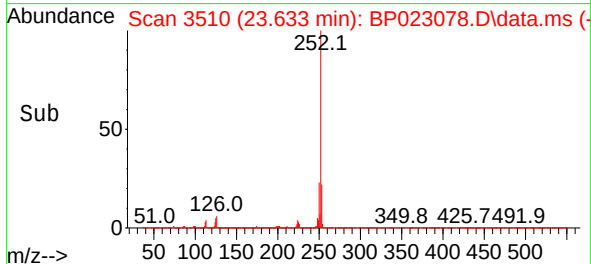
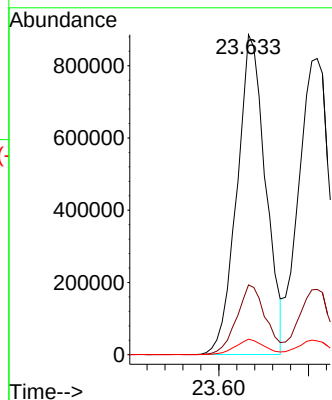
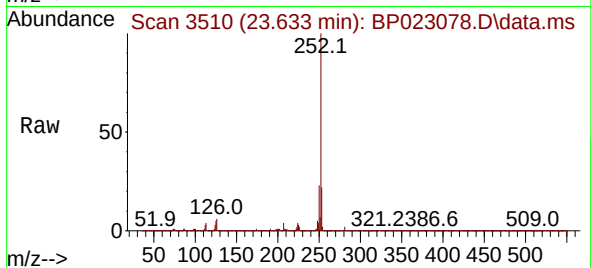
Tgt Ion:252 Resp: 1958750

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 4.9 3.7 5.5



#91

Benzo(k)fluoranthene

Concen: 35.098 ng/ul

RT: 23.710 min Scan# 3523

Delta R.T. -0.000 min

Lab File: BP023078.D

Acq: 13 Nov 2024 12:48

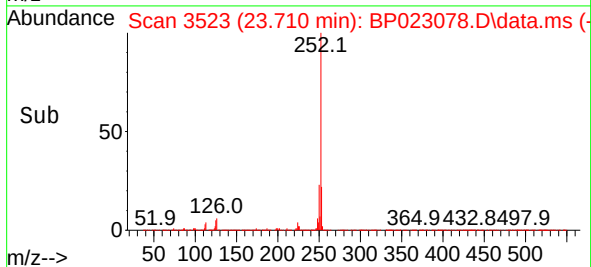
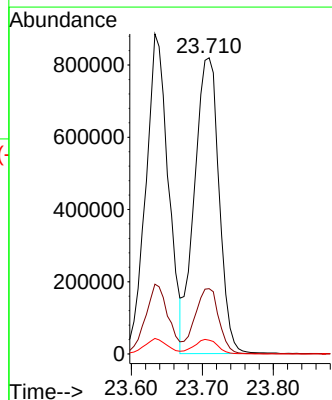
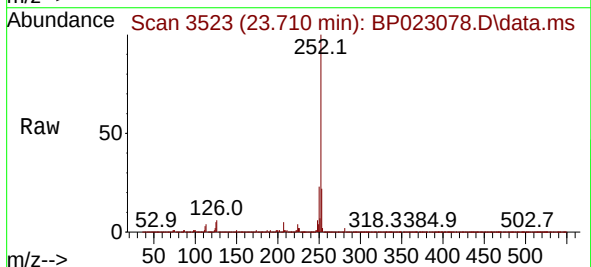
Tgt Ion:252 Resp: 1975972

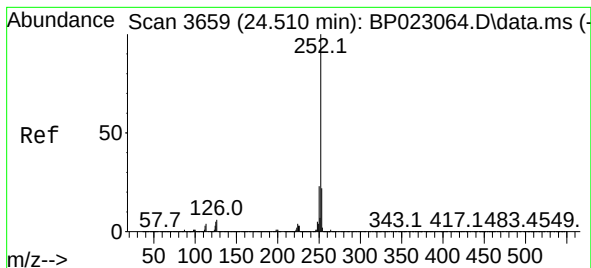
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 4.6 3.0 4.4#





#93

Benzo(a)pyrene

Concen: 33.590 ng/ul

RT: 24.504 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP023078.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_P

ClientSampleId :

SLCS834

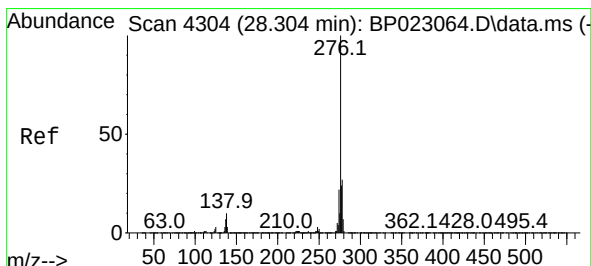
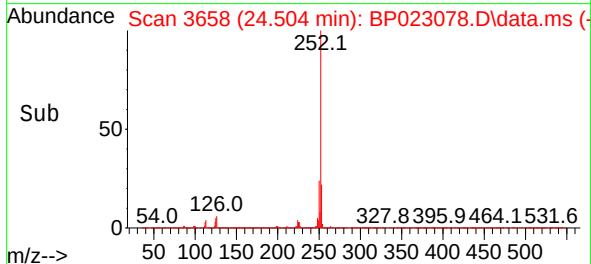
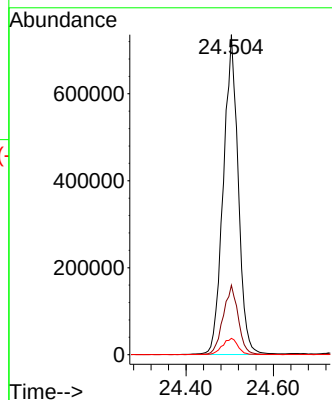
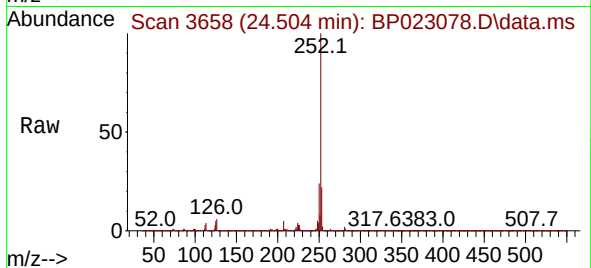
Tgt Ion:252 Resp: 1736528

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 5.1 4.2 6.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 20.130 ng/ul

RT: 28.298 min Scan# 4303

Delta R.T. -0.006 min

Lab File: BP023078.D

Acq: 13 Nov 2024 12:48

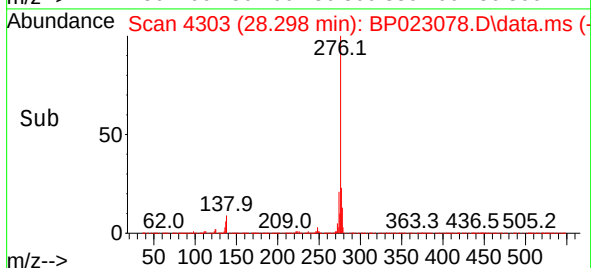
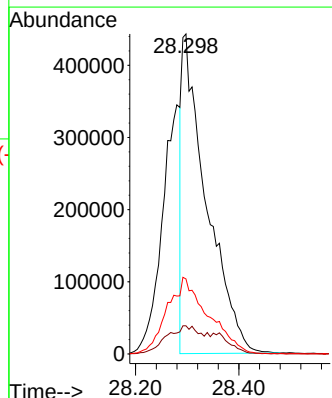
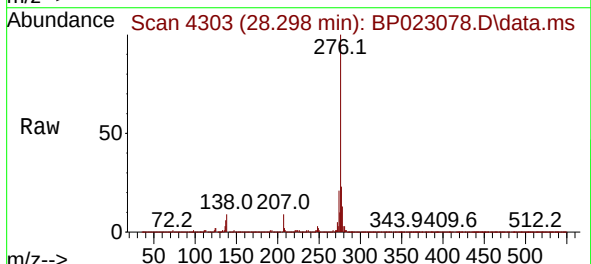
Tgt Ion:276 Resp: 1449905

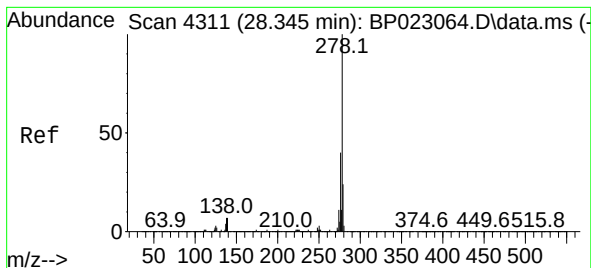
Ion Ratio Lower Upper

276 100

138 8.8 7.0 10.4

277 23.5 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 31.690 ng/ul

RT: 28.362 min Scan# 4411

Delta R.T. 0.018 min

Lab File: BP023078.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_P

ClientSampleId :

SLCS834

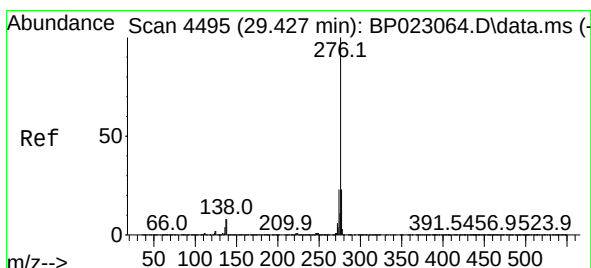
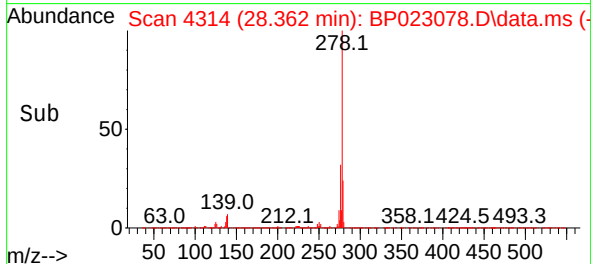
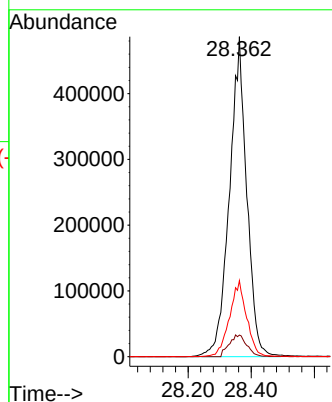
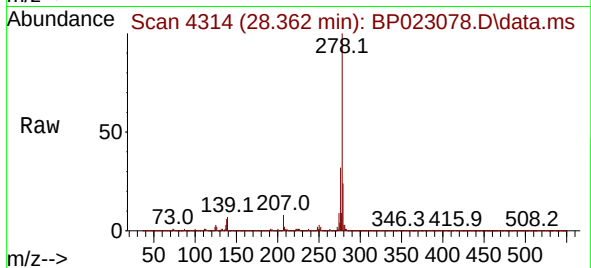
Tgt Ion:278 Resp: 1853312

Ion Ratio Lower Upper

278 100

139 6.7 5.4 8.0

279 23.8 19.4 29.2



#96

Benzo(g,h,i)perylene

Concen: 16.888 ng/ul

RT: 29.409 min Scan# 4492

Delta R.T. -0.018 min

Lab File: BP023078.D

Acq: 13 Nov 2024 12:48

Tgt Ion:276 Resp: 923902

Ion Ratio Lower Upper

276 100

138 10.3 7.1 10.7

277 24.5 19.4 29.2

