

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
 Data File : BP015765.D
 Acq On : 28 Jun 2023 01:56
 Operator : MA/JU
 Sample : PB153469BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS469

Quant Time: Jun 28 03:22:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 27 00:56:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	177554	20.000	ng/u1	0.00
20) Naphthalene-d8	10.887	136	657252	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.710	164	338380	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.469	188	645634	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	618949	20.000	ng/u1	0.00
88) Perylene-d12	24.104	264	769138	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	33608	6.810	ng/uL	0.00
4) Pyridine-d5	3.822	84	434207	34.904	ng/u1	0.00
7) Phenol-d5	7.228	99	528718	34.803	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	358983	38.195	ng/u1	0.00
11) 2-Chlorophenol-d4	7.587	132	433275	37.782	ng/u1	0.00
15) 4-Methylphenol-d8	8.787	113	408929	34.074	ng/u1	0.00
21) Nitrobenzene-d5	9.240	128	202632	40.341	ng/u1	0.00
24) 2-Nitrophenol-d4	9.969	143	221454	37.775	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	380947	36.465	ng/u1	0.00
31) 4-Chloroaniline-d4	11.040	131	483557	36.033	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	985218	37.670	ng/u1	0.00
49) Acenaphthylene-d8	14.404	160	1142778	38.869	ng/u1	0.00
54) 4-Nitrophenol-d4	14.945	143	129260	37.451	ng/u1	0.00
60) Fluorene-d10	15.704	176	787864	36.585	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	148446	37.386	ng/u1	0.00
73) Anthracene-d10	17.569	188	1136213	38.527	ng/u1	0.00
81) Pyrene-d10	19.798	212	1353387	33.486	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.933	264	1561669	40.250	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	69794	13.142	ng/uL	96
5) Pyridine	3.846	79	421413	32.381	ng/u1	94
6) Benzaldehyde	7.199	77	333966	54.374	ng/u1	98
8) Phenol	7.252	94	532782	33.795	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.475	93	442700	35.294	ng/u1	99
12) 2-Chlorophenol	7.622	128	418341	34.337	ng/u1	98
13) 2-Methylphenol	8.516	108	394515	33.145	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.593	45	617287	36.032	ng/u1	99
16) Acetophenone	8.899	105	621541	31.505	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.875	70	335867	30.653	ng/u1	99
18) 4-Methylphenol	8.851	108	409494	32.020	ng/u1	96
19) Hexachloroethane	9.140	117	194479	34.561	ng/u1	94
22) Nitrobenzene	9.287	77	513876	36.431	ng/u1	96
23) Isophorone	9.810	82	907379	33.615	ng/u1	99
25) 2-Nitrophenol	10.004	139	222921	35.830	ng/u1	95
26) 2,4-Dimethylphenol	10.057	107	422186	30.868	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.287	93	546389	35.857	ng/u1	100
29) 2,4-Dichlorophenol	10.546	162	359495	34.613	ng/u1	100
30) Naphthalene	10.934	128	1253681	35.088	ng/u1	99
32) 4-Chloroaniline	11.063	127	428584	30.739	ng/u1	99
33) Hexachlorobutadiene	11.204	225	269682	34.384	ng/u1	99
34) Caprolactam	11.857	113	103076	32.445	ng/u1	95
35) 4-Chloro-3-methylphenol	12.187	107	376390	30.960	ng/u1	98
36) 2-Methylnaphthalene	12.540	142	772733	32.853	ng/u1	97

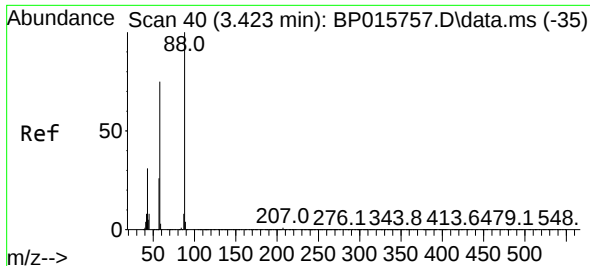
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.757	142	779952	32.506	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.910	216	419737	37.642	ng/ul	99
40) Hexachlorocyclopentadiene	12.869	237	104139	31.218	ng/ul	95
41) 2,4,6-Trichlorophenol	13.157	196	255034	36.190	ng/ul	98
42) 2,4,5-Trichlorophenol	13.240	196	264848	35.432	ng/ul	97
43) 1,1'-Biphenyl	13.539	154	1002109	37.390	ng/ul	98
44) 2-Chloronaphthalene	13.592	162	786977	37.273	ng/ul	98
45) 2-Nitroaniline	13.810	65	246742	37.140	ng/ul	98
47) Dimethylphthalate	14.163	163	933809	34.500	ng/ul	99
48) 2,6-Dinitrotoluene	14.298	165	193213	35.191	ng/ul	98
50) Acenaphthylene	14.434	152	1168346	36.065	ng/ul	100
51) 3-Nitroaniline	14.639	138	178731	41.512	ng/ul	96
52) Acenaphthene	14.775	153	797967	35.522	ng/ul	99
53) 2,4-Dinitrophenol	14.869	184	84929	29.156	ng/ul	86
55) 4-Nitrophenol	14.963	109	109993	30.753	ng/ul	93
56) Dibenzofuran	15.110	168	1080885	34.661	ng/ul	98
57) 2,4-Dinitrotoluene	15.104	165	260727	34.847	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.345	232	213082	33.189	ng/ul#	100
59) Diethylphthalate	15.516	149	932322	34.038	ng/ul	100
61) Fluorene	15.757	166	852238	33.693	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.745	204	428180	33.082	ng/ul	99
63) 4-Nitroaniline	15.810	138	152144	51.630	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.869	198	141385	35.193	ng/ul	100
67) N-Nitrosodiphenylamine	15.963	169	723679	37.442	ng/ul	99
68) 4-Bromophenyl-phenylether	16.645	248	263362	35.721	ng/ul	93
69) Hexachlorobenzene	16.769	284	306506	35.233	ng/ul	98
70) Atrazine	16.922	200	185715	25.102	ng/ul	96
71) Pentachlorophenol	17.128	266	145743	34.906	ng/ul	97
72) Phenanthrene	17.510	178	1279112	36.468	ng/ul	99
74) Anthracene	17.604	178	1279711	36.310	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.510	216	407337	38.773	ng/ul	99
76) Pentachlorobenzene	15.028	250	380837	35.918	ng/ul	99
77) Carbazole	17.880	167	1151702	38.771	ng/ul	100
78) Di-n-butylphthalate	18.398	149	1504383	38.201	ng/ul	99
80) Fluoranthene	19.469	202	1526710	30.395	ng/ul	96
82) Pyrene	19.827	202	1575955	30.758	ng/ul	96
83) Butylbenzylphthalate	20.674	149	713204	34.119	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.468	252	570493	40.774	ng/ul	99
85) Benzo(a)anthracene	21.539	228	1597102	36.681	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.421	149	1031861	35.919	ng/ul	100
87) Chrysene	21.598	228	1532599	37.101	ng/ul	99
89) Di-n-octyl phthalate	22.386	149	1831018	32.575	ng/ul	100
90) Benzo(b)fluoranthene	23.315	252	1740997	35.228	ng/ul	99
91) Benzo(k)fluoranthene	23.368	252	1770216	35.452	ng/ul	99
93) Benzo(a)pyrene	23.986	252	1592588	36.880	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.798	276	2186126	37.292	ng/ul	96
95) Dibenzo(a,h)anthracene	26.809	278	1803275	37.451	ng/ul	97
96) Benzo(g,h,i)perylene	27.639	276	1792106	37.160	ng/ul	97

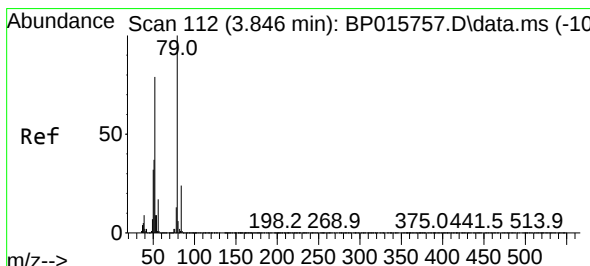
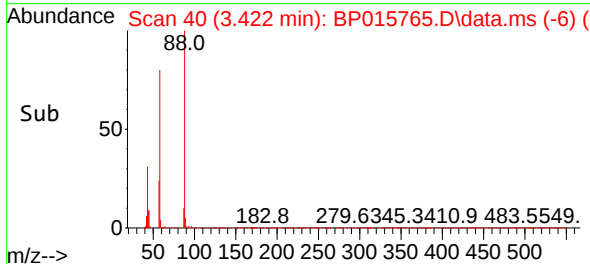
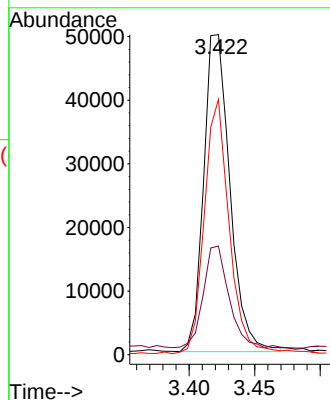
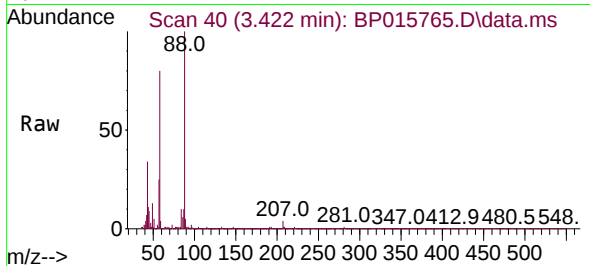
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#2
1,4-Dioxane
Concen: 13.142 ng/uL
RT: 3.422 min Scan# 40
Delta R.T. 0.000 min
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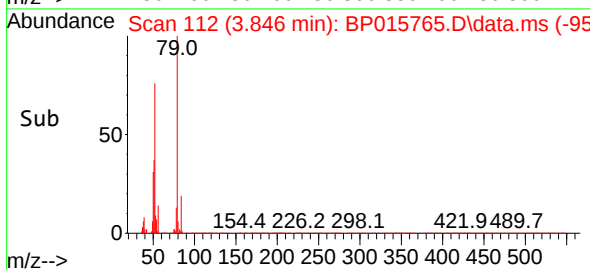
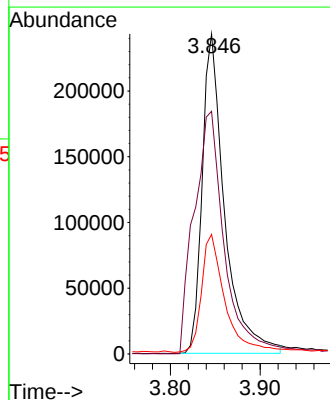
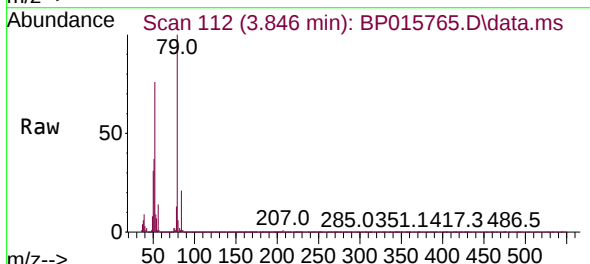
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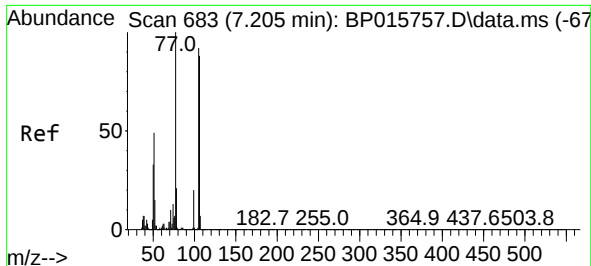
Tgt Ion: 88	Resp: 69794
Ion Ratio	Lower Upper
88 100	
43 33.9	27.4 41.2
58 79.8	59.8 89.8



#5
Pyridine
Concen: 32.381 ng/uL
RT: 3.846 min Scan# 112
Delta R.T. -0.000 min
Lab File: BP015765.D
Acq: 28 Jun 2023 01:56

Tgt Ion: 79	Resp: 421413
Ion Ratio	Lower Upper
79 100	
52 75.9	65.5 98.3
51 37.3	31.8 47.8

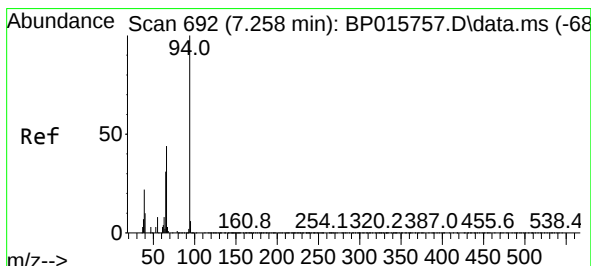
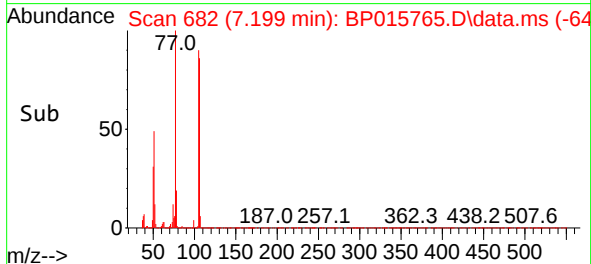
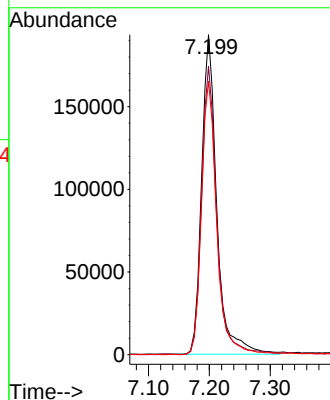
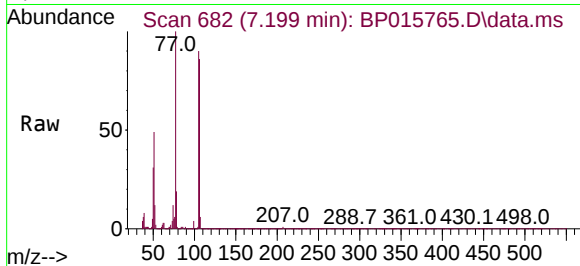




#6
Benzaldehyde
Concen: 54.374 ng/ul
RT: 7.199 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP015765.D
Acq: 28 Jun 2023 01:56

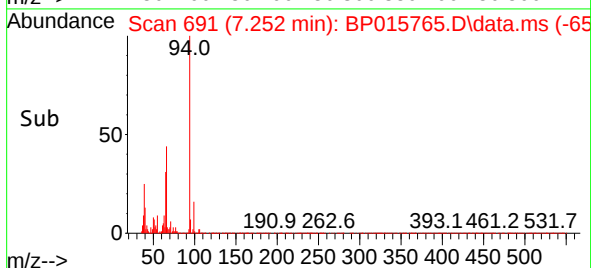
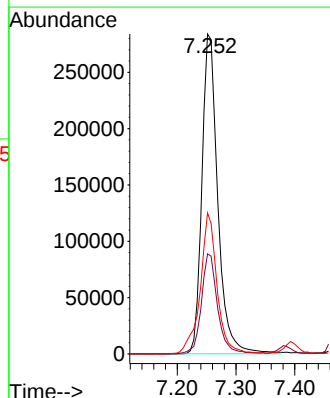
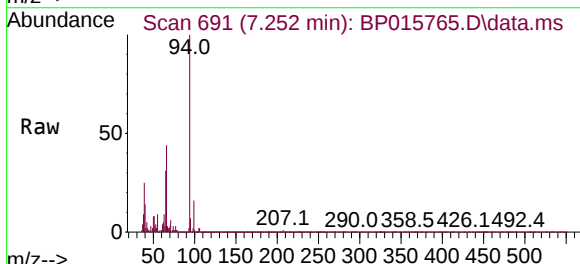
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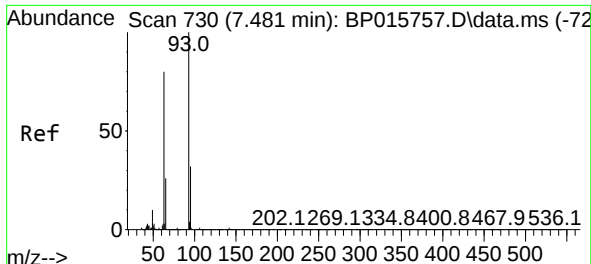
Tgt Ion: 77 Resp: 333966
Ion Ratio Lower Upper
77 100
105 90.1 73.4 110.0
106 85.5 66.6 100.0



#8
Phenol
Concen: 33.795 ng/ul
RT: 7.252 min Scan# 691
Delta R.T. -0.006 min
Lab File: BP015765.D
Acq: 28 Jun 2023 01:56

Tgt Ion: 94 Resp: 532782
Ion Ratio Lower Upper
94 100
65 31.3 26.4 39.6
66 44.1 37.3 55.9

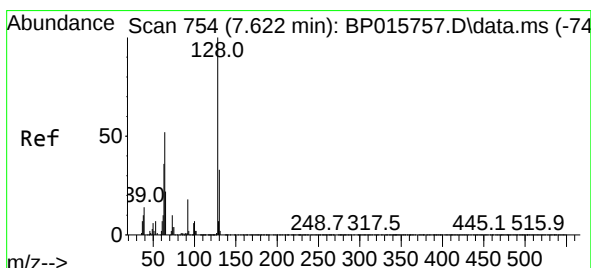
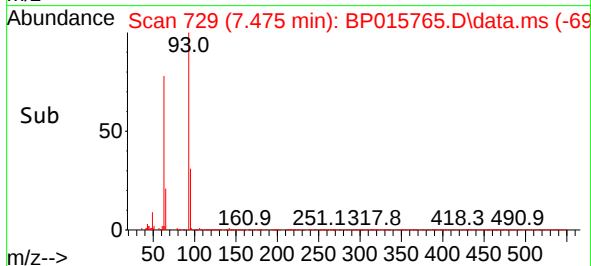
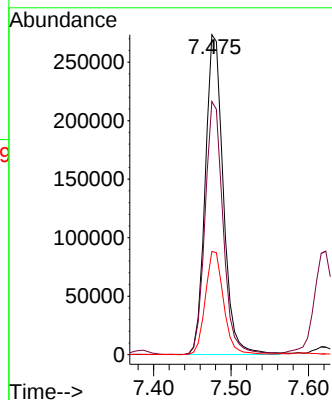
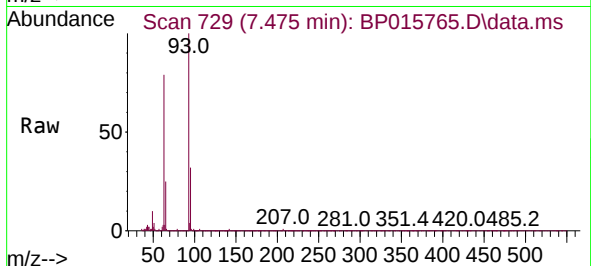




#10
Bis(2-Chloroethyl)ether
Concen: 35.294 ng/ul
RT: 7.475 min Scan# 710
Delta R.T. -0.006 min
Lab File: BP015765.D
Acq: 28 Jun 2023 01:56

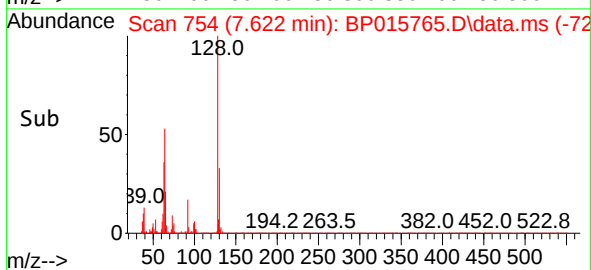
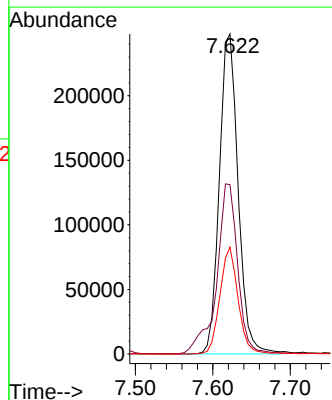
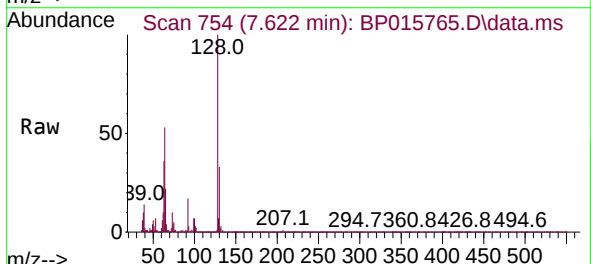
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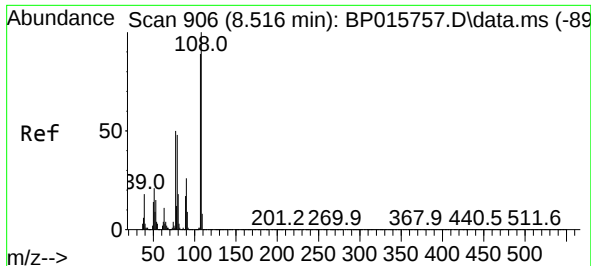
Tgt Ion: 93 Resp: 442700
Ion Ratio Lower Upper
93 100
63 79.1 62.8 94.2
95 32.2 25.6 38.4



#12
2-Chlorophenol
Concen: 34.337 ng/ul
RT: 7.622 min Scan# 754
Delta R.T. -0.006 min
Lab File: BP015765.D
Acq: 28 Jun 2023 01:56

Tgt Ion:128 Resp: 418341
Ion Ratio Lower Upper
128 100
64 52.9 41.2 61.8
130 33.4 26.0 39.0





#13

2-Methylphenol

Concen: 33.145 ng/ul

RT: 8.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BP015765.D

Acq: 28 Jun 2023 01:56

Instrument :

BNA_P

ClientSampleId :

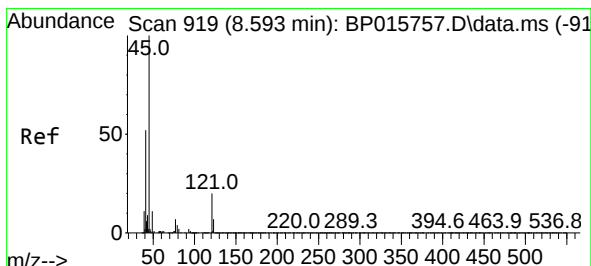
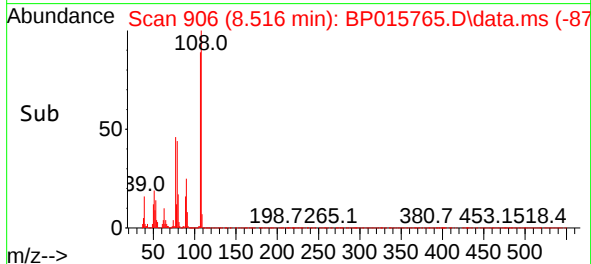
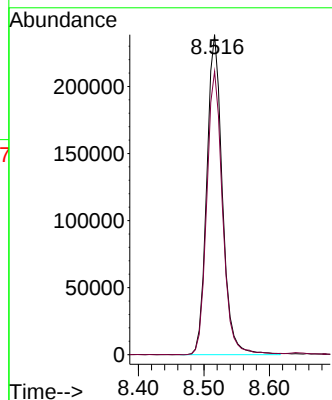
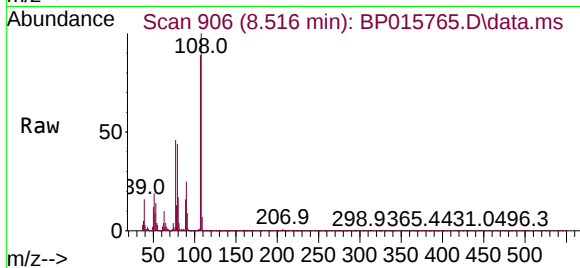
SLCS469

Tgt Ion:108 Resp: 394515

Ion Ratio Lower Upper

108 100

107 88.6 73.8 110.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 36.032 ng/ul

RT: 8.593 min Scan# 919

Delta R.T. -0.000 min

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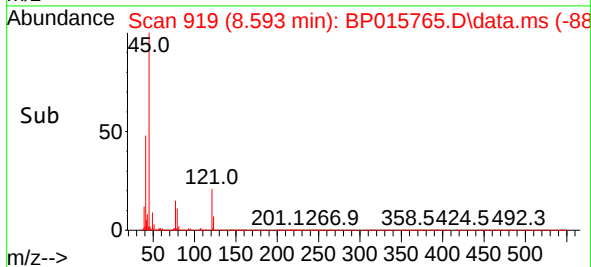
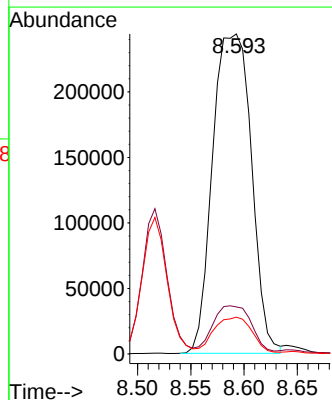
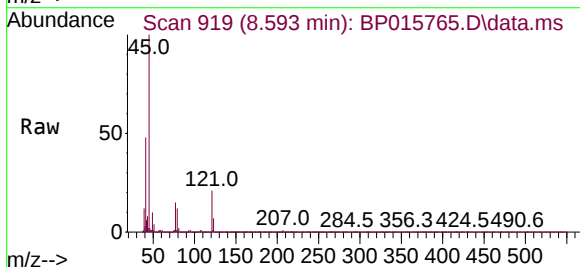
Tgt Ion: 45 Resp: 617287

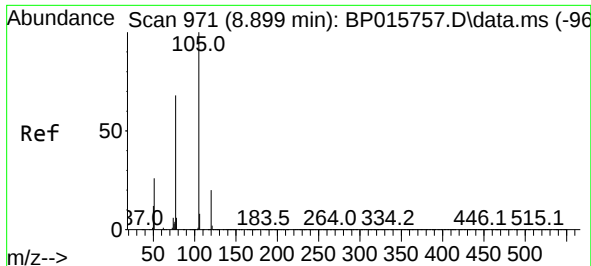
Ion Ratio Lower Upper

45 100

77 14.7 12.4 18.6

79 11.5 9.3 13.9

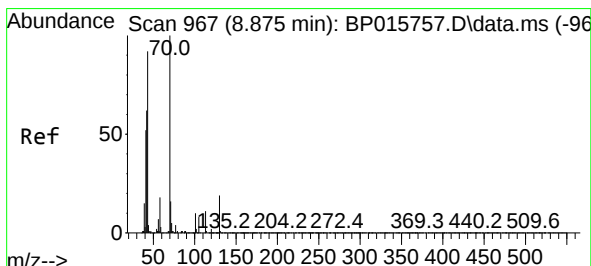
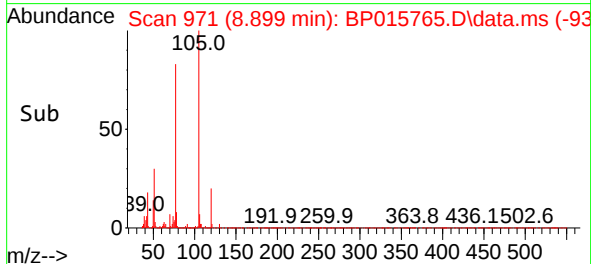
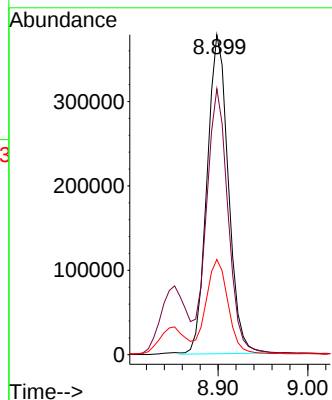
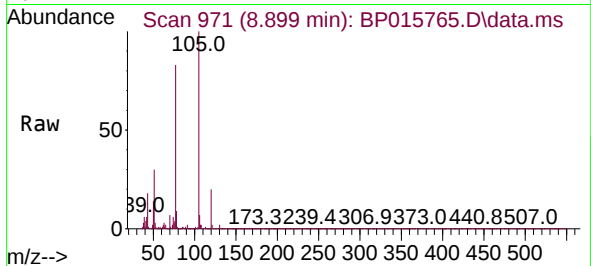




#16
Acetophenone
Concen: 31.505 ng/ul
RT: 8.899 min Scan# 971
Delta R.T. -0.006 min
Lab File: BP015765.D
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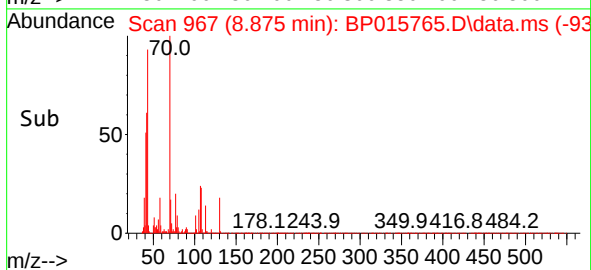
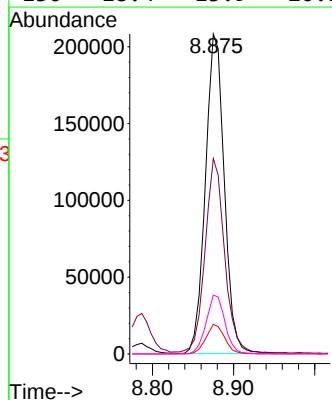
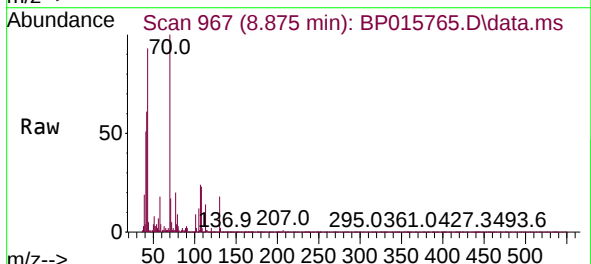
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ClientSampleId :
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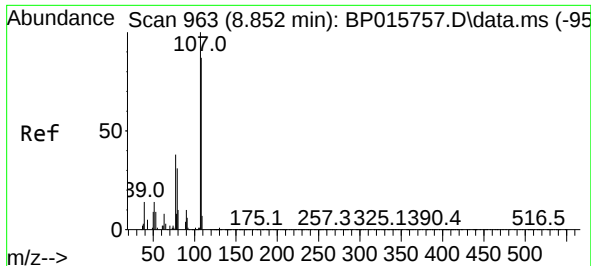
Tgt Ion:105 Resp: 621541
Ion Ratio Lower Upper
105 100
77 83.1 65.0 97.4
51 29.8 25.1 37.7



#17
N-Nitroso-di-n-propylamine
Concen: 30.653 ng/ul
RT: 8.875 min Scan# 967
Delta R.T. -0.006 min
Lab File: BP015765.D
Acq: 28 Jun 2023 01:56

Tgt Ion: 70 Resp: 335867
Ion Ratio Lower Upper
70 100
42 61.1 48.2 72.2
101 9.3 7.6 11.4
130 18.4 13.9 20.9

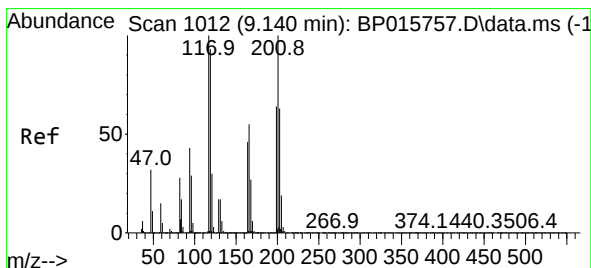
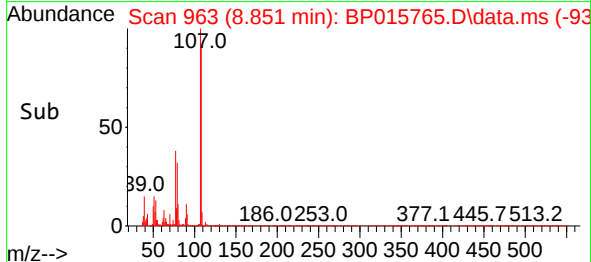
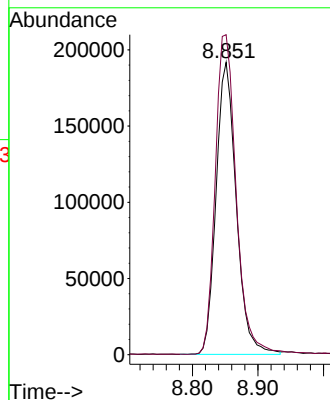
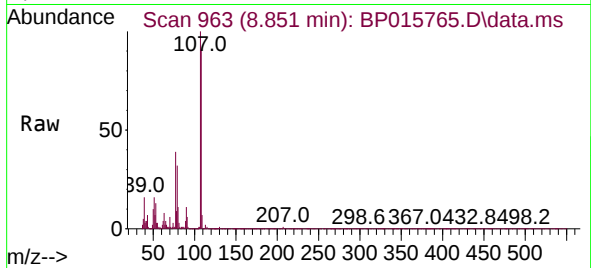




#18
4-Methylphenol
Concen: 32.020 ng/ul
RT: 8.851 min Scan# 90
Delta R.T. -0.006 min
Lab File: BP015765.D
Acq: 28 Jun 2023 01:56

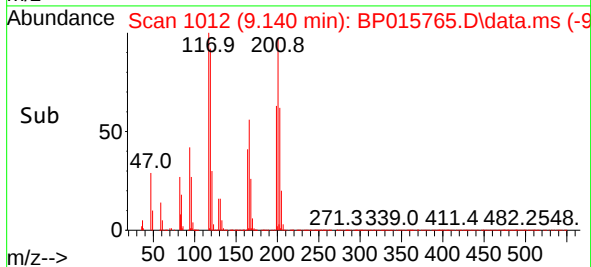
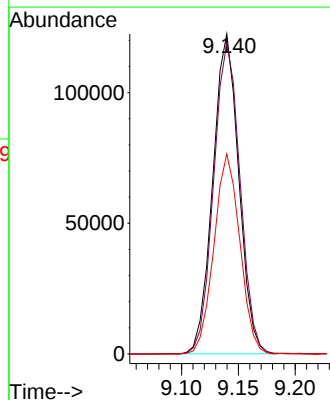
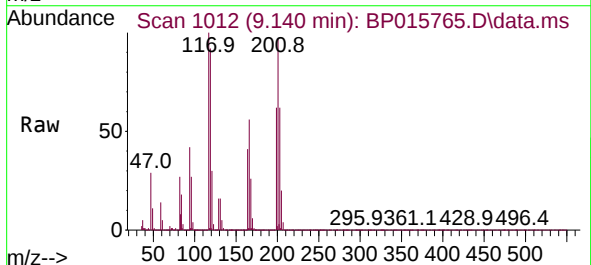
Instrument :
BNA_P
ClientSampleId :
SLCS469

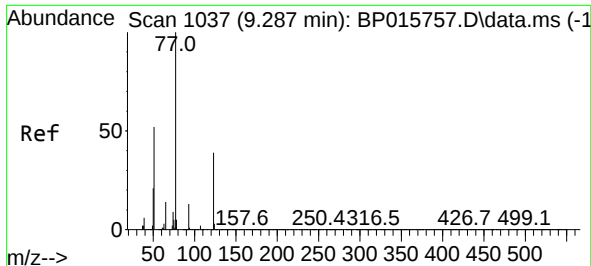
Tgt Ion:108 Resp: 409494
Ion Ratio Lower Upper
108 100
107 109.5 91.3 136.9



#19
Hexachloroethane
Concen: 34.561 ng/ul
RT: 9.140 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BP015765.D
Acq: 28 Jun 2023 01:56

Tgt Ion:117 Resp: 194479
Ion Ratio Lower Upper
117 100
201 97.1 84.2 126.2
199 62.5 51.8 77.8

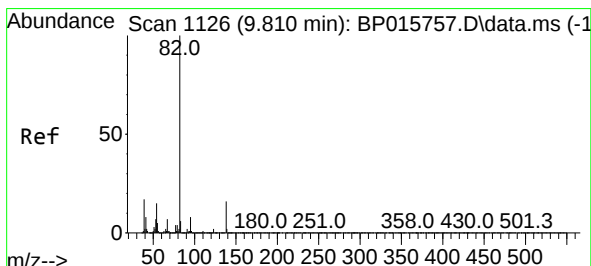
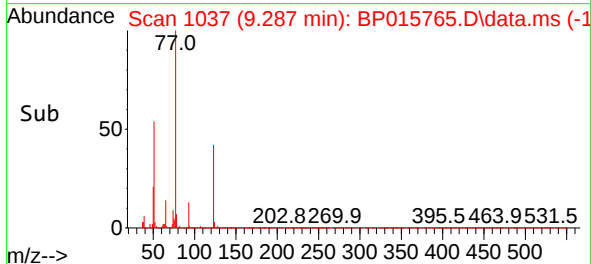
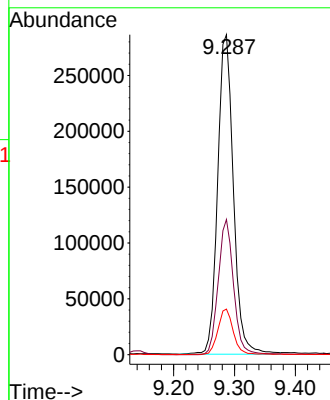
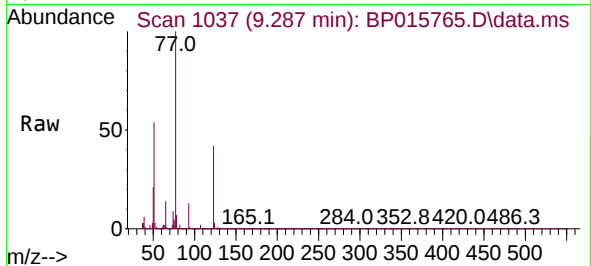




#22
Nitrobenzene
Concen: 36.431 ng/ul
RT: 9.287 min Scan# 1037
Delta R.T. -0.000 min
Lab File: BP015765.D
Acq: 28 Jun 2023 01:56

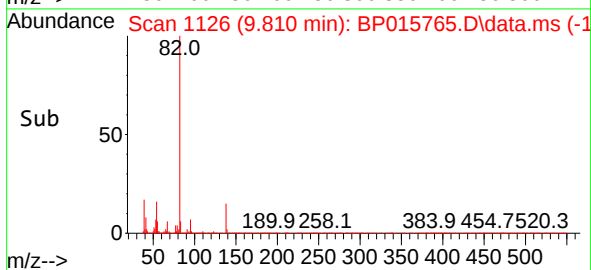
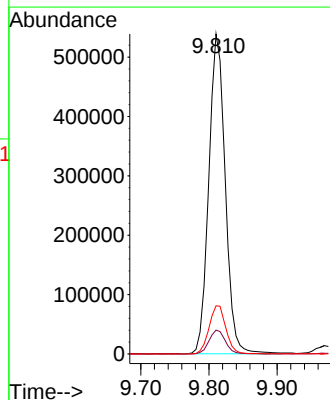
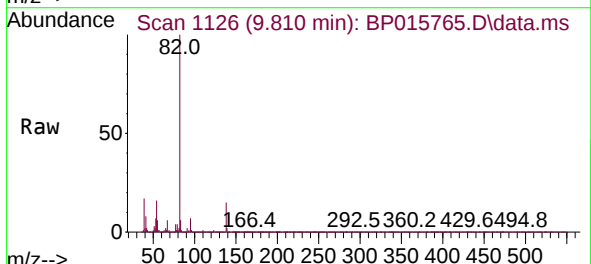
Instrument :
BNA_P
ClientSampleId :
SLCS469

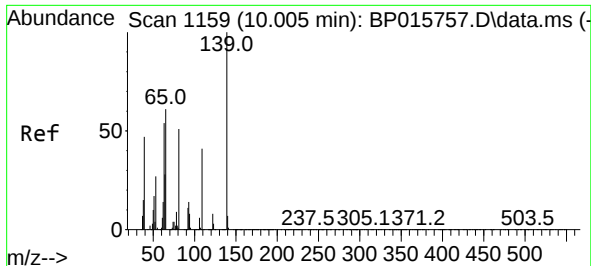
Tgt Ion: 77 Resp: 513876
Ion Ratio Lower Upper
77 100
123 42.3 31.0 46.4
65 14.2 11.3 16.9



#23
Isophorone
Concen: 33.615 ng/ul
RT: 9.810 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BP015765.D
Acq: 28 Jun 2023 01:56

Tgt Ion: 82 Resp: 907379
Ion Ratio Lower Upper
82 100
95 7.4 6.3 9.5
138 15.1 12.3 18.5

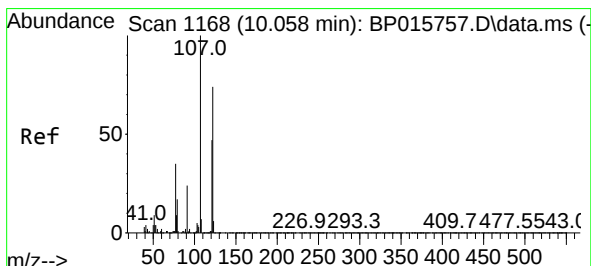
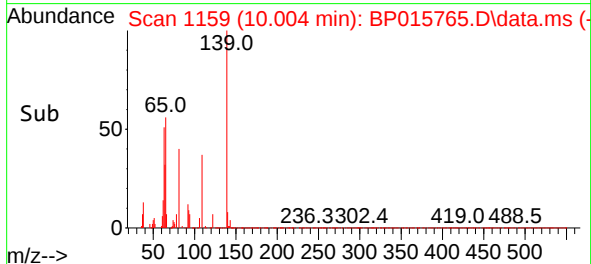
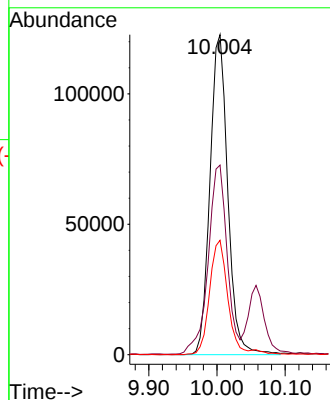
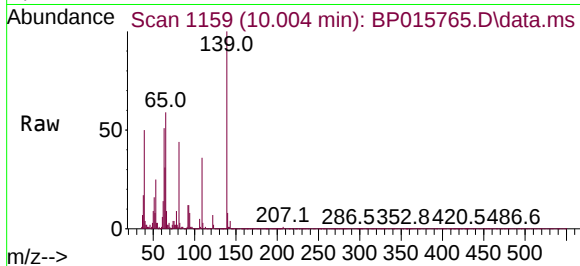




#25
2-Nitrophenol
Concen: 35.830 ng/ul
RT: 10.004 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BP015765.D
Acq: 28 Jun 2023 01:56

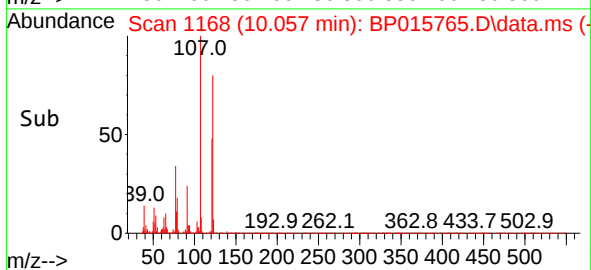
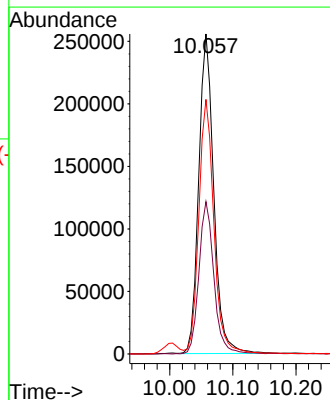
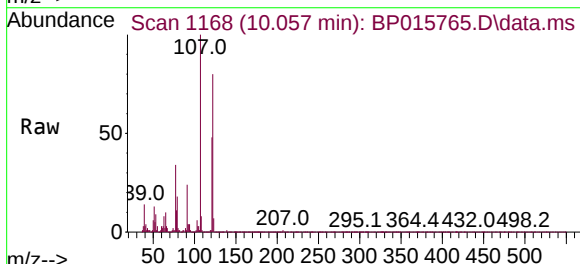
Instrument :
BNA_P
ClientSampleId :
SLCS469

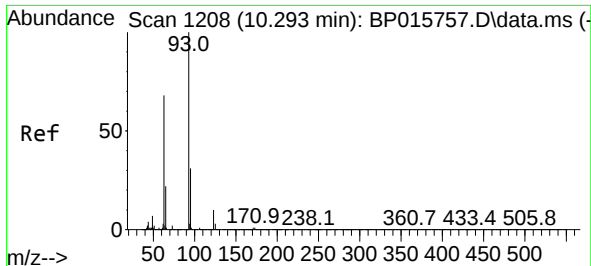
Tgt Ion	Ratio	Lower	Upper
139	100		
65	59.3	50.2	75.2
109	35.8	31.3	46.9



#26
2,4-Dimethylphenol
Concen: 30.868 ng/ul
RT: 10.057 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BP015765.D
Acq: 28 Jun 2023 01:56

Tgt Ion	Ratio	Lower	Upper
107	100		
121	47.6	38.2	57.2
122	79.5	62.1	93.1

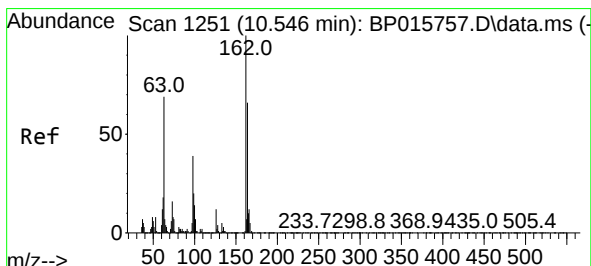
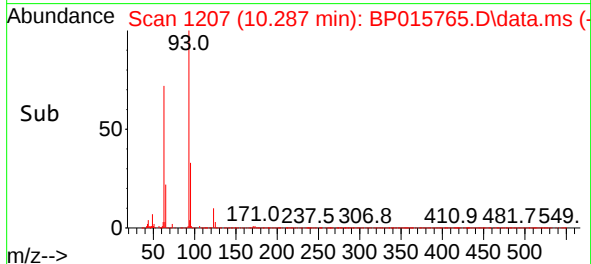
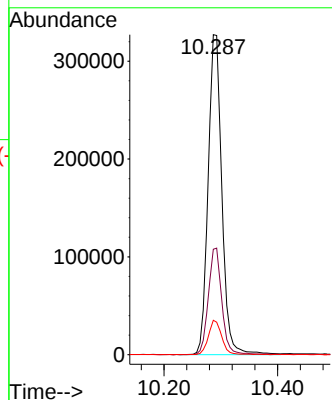
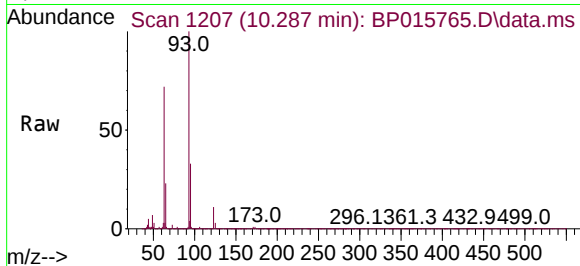




#27
 Bis(2-Chloroethoxy)methane
 Concen: 35.857 ng/ul
 RT: 10.287 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BP015765.D
 Acq: 28 Jun 2023 01:56

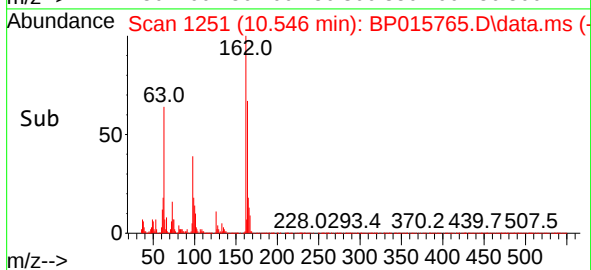
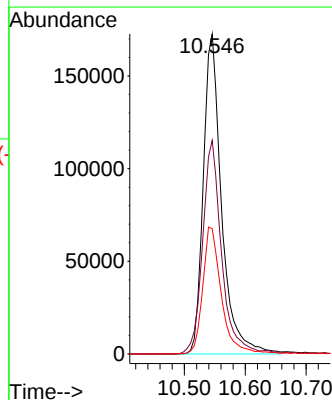
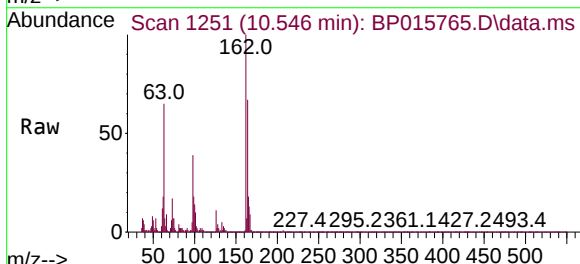
Instrument :
 BNA_P
 ClientSampleId :
 SLCS469

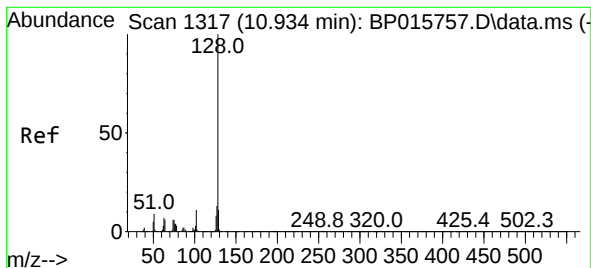
Tgt Ion: 93 Resp: 546389
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.6 39.8
 123 10.7 8.6 13.0



#29
 2,4-Dichlorophenol
 Concen: 34.613 ng/ul
 RT: 10.546 min Scan# 1251
 Delta R.T. -0.006 min
 Lab File: BP015765.D
 Acq: 28 Jun 2023 01:56

Tgt Ion:162 Resp: 359495
 Ion Ratio Lower Upper
 162 100
 164 66.7 53.0 79.6
 98 39.2 31.3 46.9





#30

Naphthalene

Concen: 35.088 ng/ul

RT: 10.934 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP015765.D

Acq: 28 Jun 2023 01:56

Instrument :

BNA_P

ClientSampleId :

SLCS469

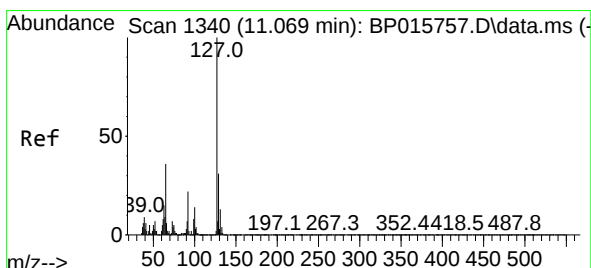
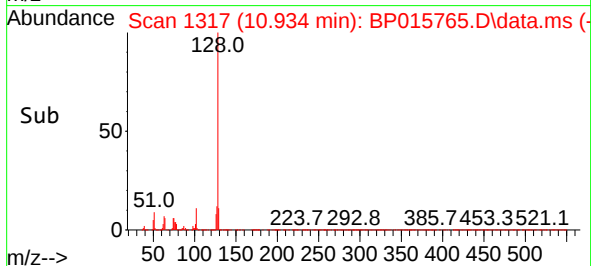
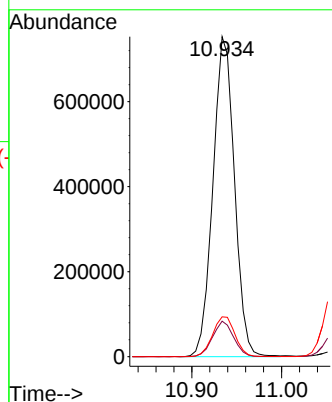
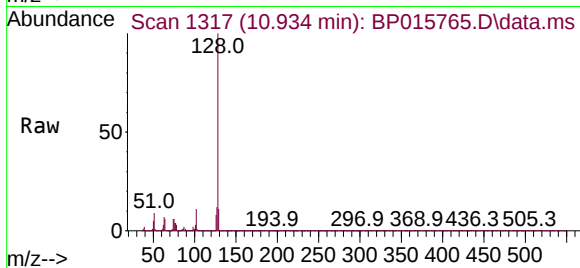
Tgt Ion:128 Resp: 1253681

Ion Ratio Lower Upper

128 100

129 11.1 8.6 12.8

127 12.5 10.3 15.5



#32

4-Chloroaniline

Concen: 30.739 ng/ul

RT: 11.063 min Scan# 1339

Delta R.T. -0.006 min

Lab File: BP015765.D

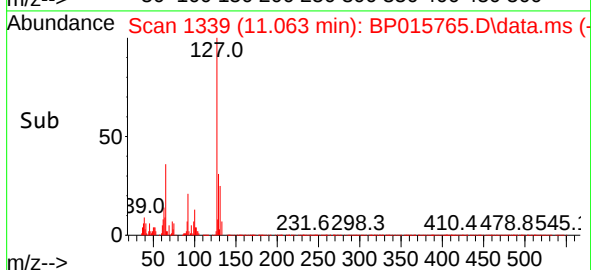
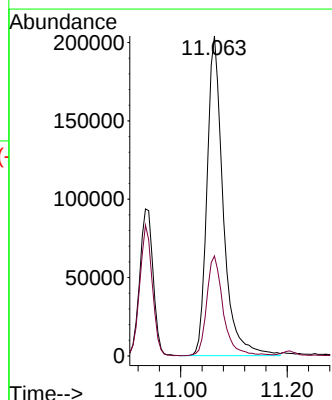
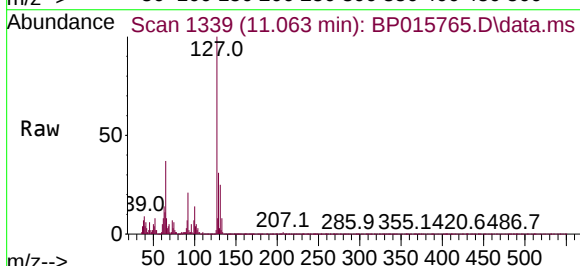
Acq: 28 Jun 2023 01:56

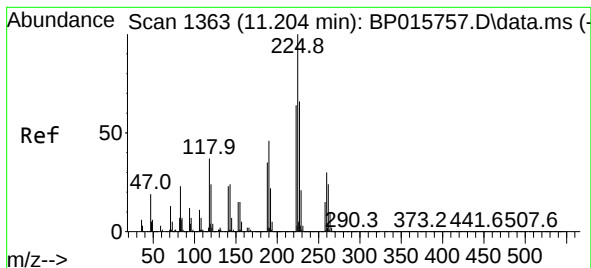
Tgt Ion:127 Resp: 428584

Ion Ratio Lower Upper

127 100

129 31.3 24.7 37.1





#33

Hexachlorobutadiene

Concen: 34.384 ng/ul

RT: 11.204 min Scan# 1363

Delta R.T. -0.006 min

Lab File: BP015765.D

Acq: 28 Jun 2023 01:56

Instrument :

BNA_P

ClientSampleId :

SLCS469

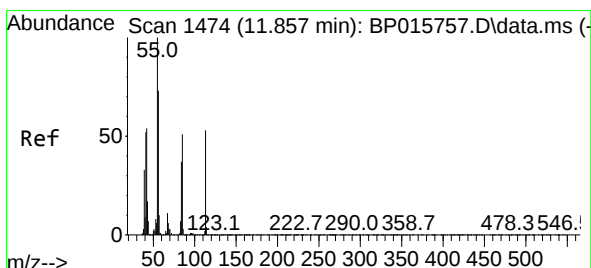
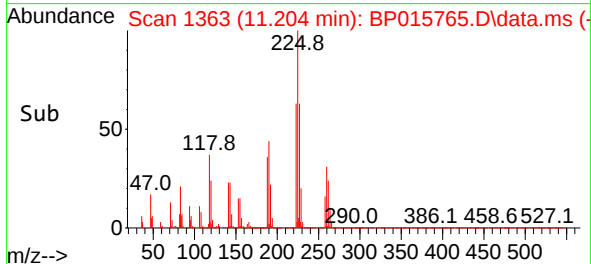
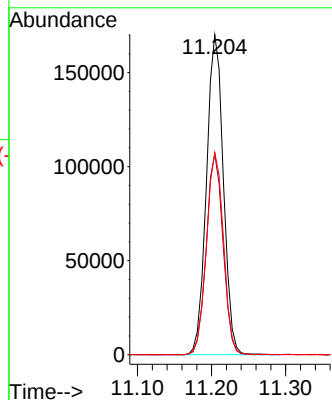
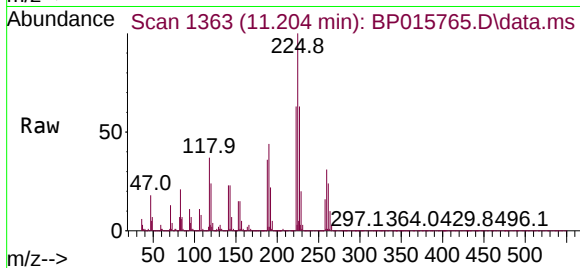
Tgt Ion:225 Resp: 269682

Ion Ratio Lower Upper

225 100

223 62.7 50.4 75.6

227 63.2 51.0 76.4



#34

Caprolactam

Concen: 32.445 ng/ul

RT: 11.857 min Scan# 1474

Delta R.T. -0.000 min

Lab File: BP015765.D

Acq: 28 Jun 2023 01:56

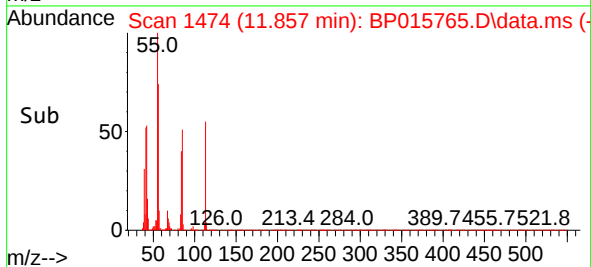
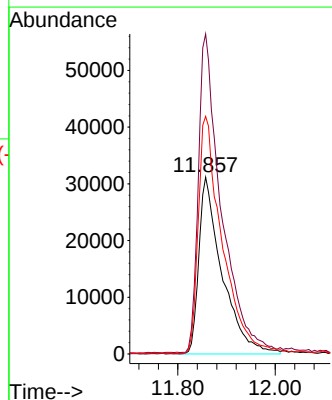
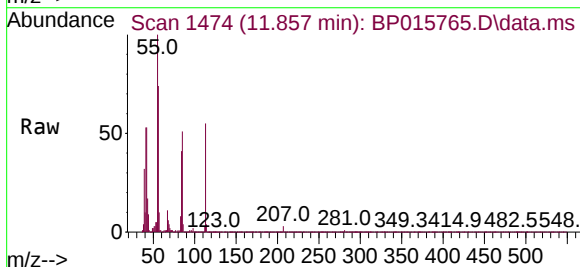
Tgt Ion:113 Resp: 103076

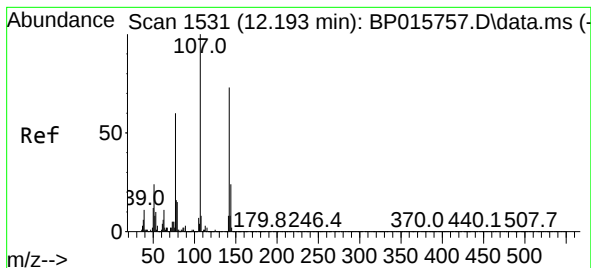
Ion Ratio Lower Upper

113 100

55 180.9 142.8 214.2

56 134.3 116.9 175.3

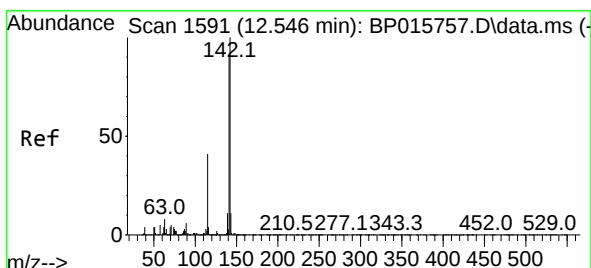
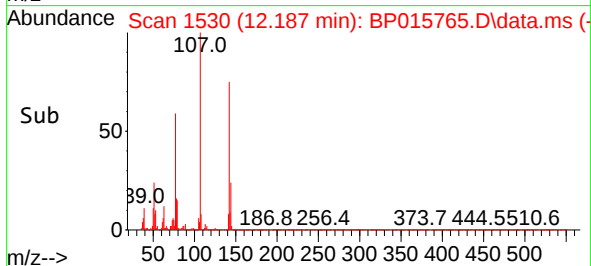
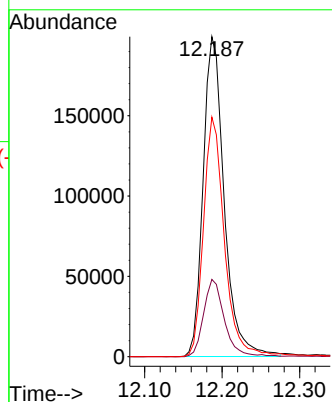
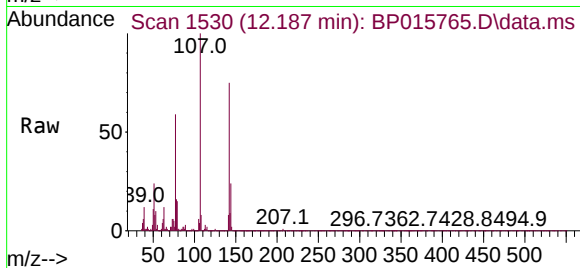




#35
4-Chloro-3-methylphenol
Concen: 30.960 ng/ul
RT: 12.187 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP015765.D
Acq: 28 Jun 2023 01:56

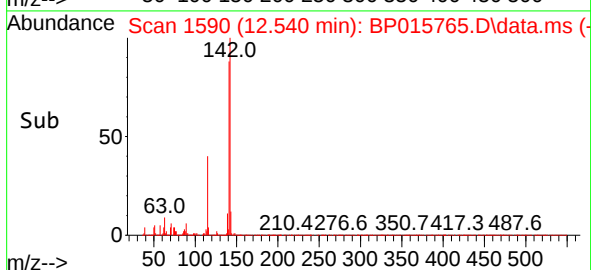
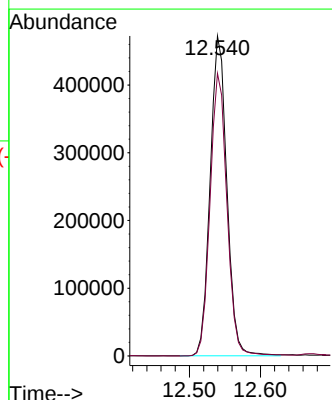
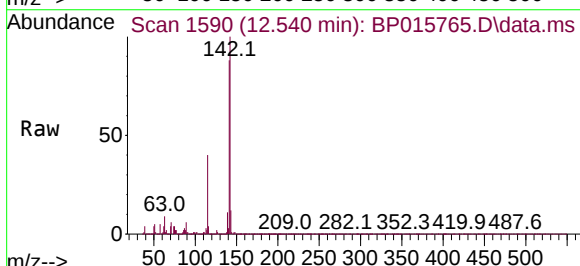
Instrument :
BNA_P
ClientSampleId :
SLCS469

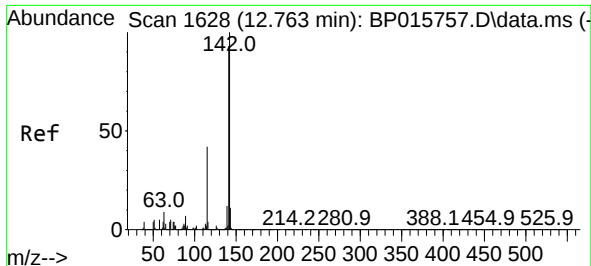
Tgt Ion:107 Resp: 376390
Ion Ratio Lower Upper
107 100
144 24.1 18.4 27.6
142 74.8 58.6 87.8



#36
2-Methylnaphthalene
Concen: 32.853 ng/ul
RT: 12.540 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BP015765.D
Acq: 28 Jun 2023 01:56

Tgt Ion:142 Resp: 772733
Ion Ratio Lower Upper
142 100
141 88.3 73.2 109.8





#37

1-Methylnaphthalene

Concen: 32.506 ng/ul

RT: 12.757 min Scan# 1627

Delta R.T. -0.006 min

Lab File: BP015765.D

Acq: 28 Jun 2023 01:56

Instrument :

BNA_P

ClientSampleId :

SLCS469

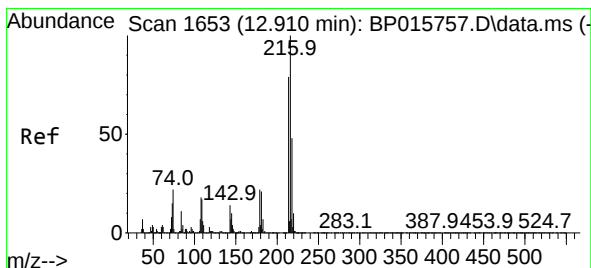
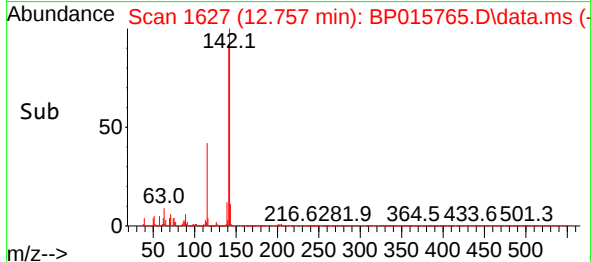
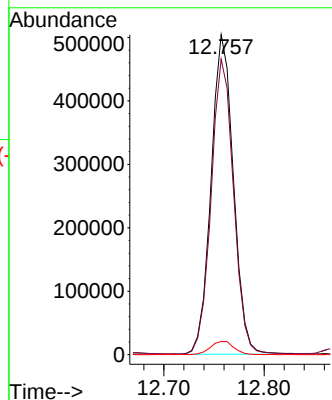
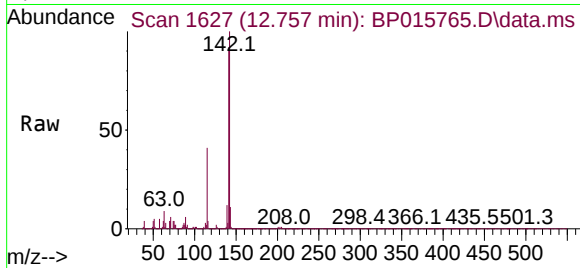
Tgt Ion:142 Resp: 779952

Ion Ratio Lower Upper

142 100

141 92.4 73.1 109.7

116 4.2 4.0 6.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.642 ng/ul

RT: 12.910 min Scan# 1653

Delta R.T. -0.000 min

Lab File: BP015765.D

Acq: 28 Jun 2023 01:56

Tgt Ion:216 Resp: 419737

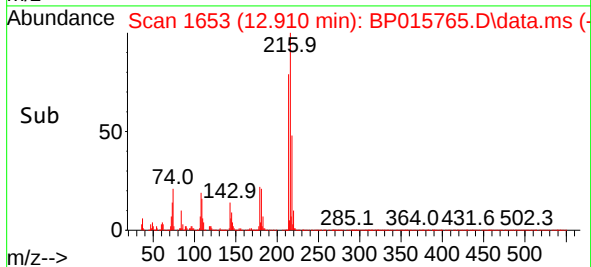
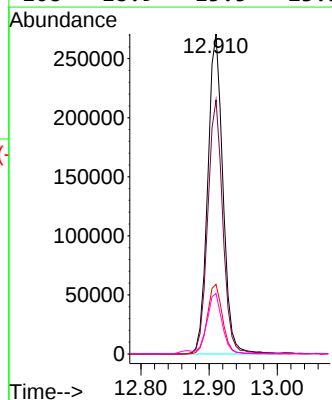
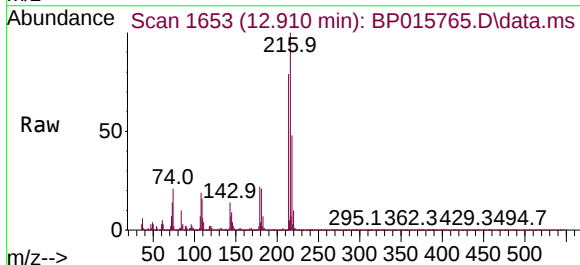
Ion Ratio Lower Upper

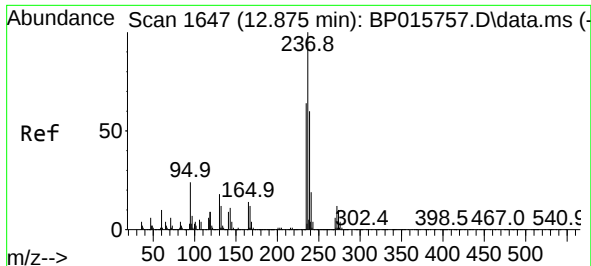
216 100

214 79.3 62.4 93.6

179 21.8 17.6 26.4

108 18.9 15.5 23.3

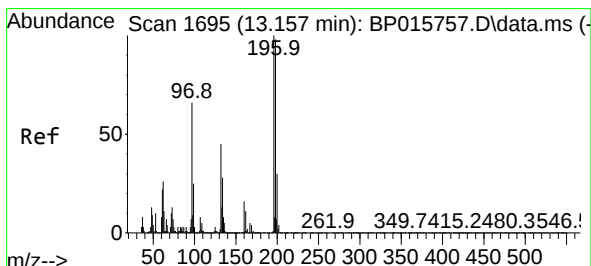
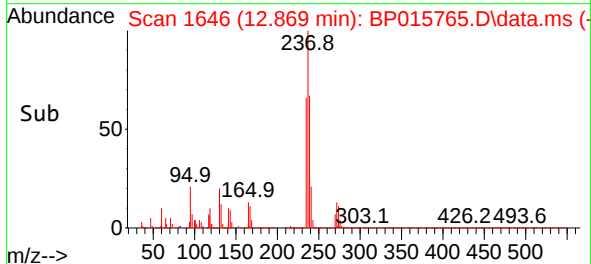
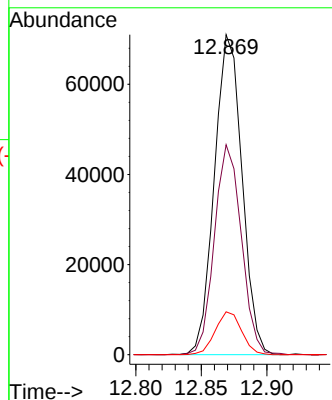
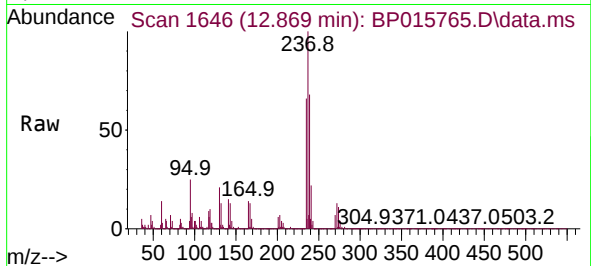




#40
Hexachlorocyclopentadiene
Concen: 31.218 ng/ul
RT: 12.869 min Scan# 1646
Delta R.T. -0.006 min
Lab File: BP015765.D
Acq: 28 Jun 2023 01:56

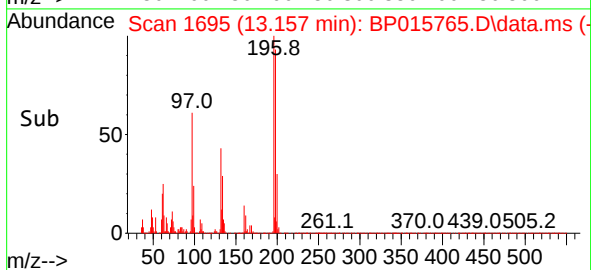
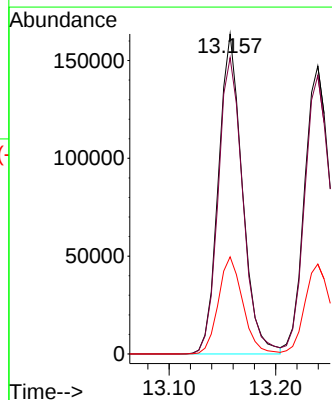
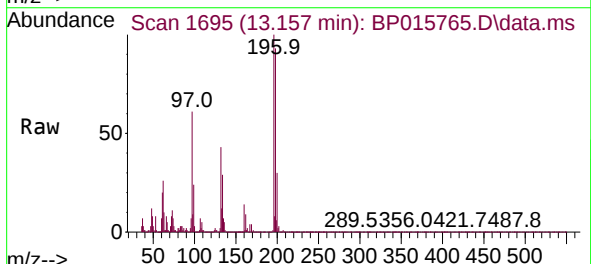
Instrument :
BNA_P
ClientSampleId :
SLCS469

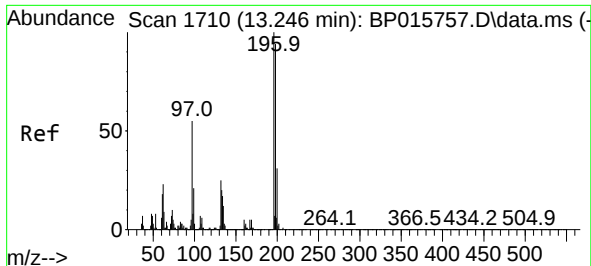
Tgt Ion:237 Resp: 104139
Ion Ratio Lower Upper
237 100
235 65.6 48.6 73.0
272 13.4 10.5 15.7



#41
2,4,6-Trichlorophenol
Concen: 36.190 ng/ul
RT: 13.157 min Scan# 1695
Delta R.T. -0.000 min
Lab File: BP015765.D
Acq: 28 Jun 2023 01:56

Tgt Ion:196 Resp: 255034
Ion Ratio Lower Upper
196 100
198 92.6 75.4 113.2
200 30.3 23.6 35.4

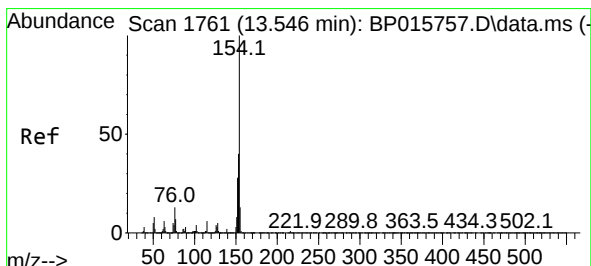
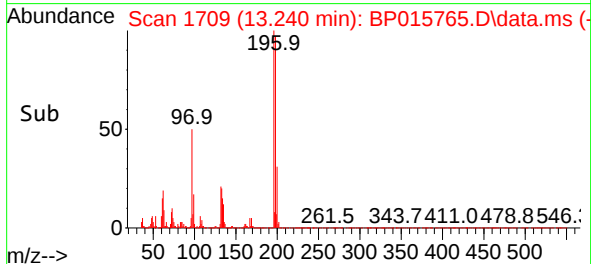
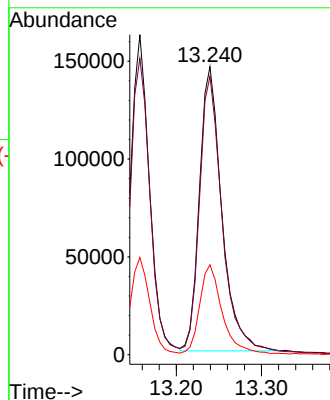
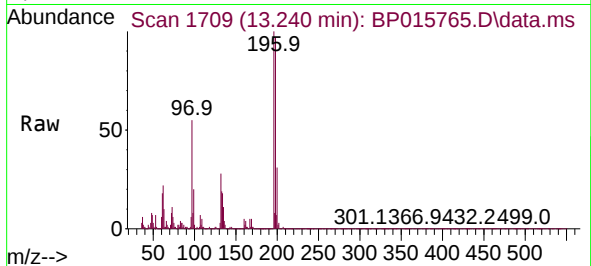




#42
2,4,5-Trichlorophenol
Concen: 35.432 ng/ul
RT: 13.240 min Scan# 1710
Delta R.T. -0.000 min
Lab File: BP015765.D
Acq: 28 Jun 2023 01:56

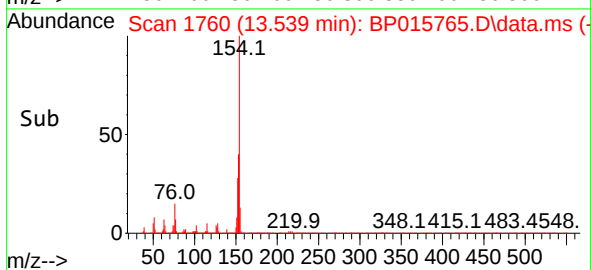
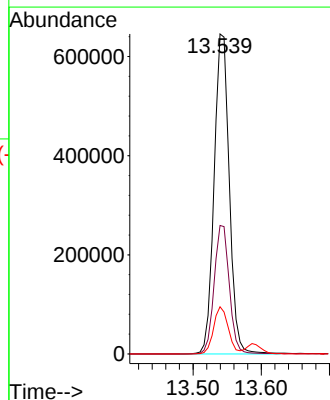
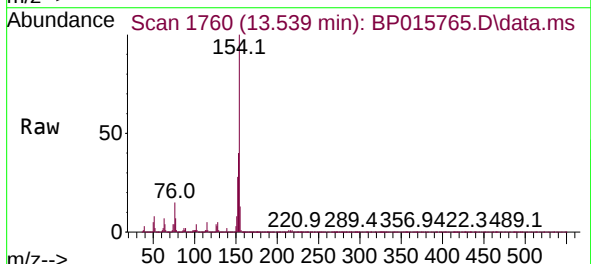
Instrument :
BNA_P
ClientSampleId :
SLCS469

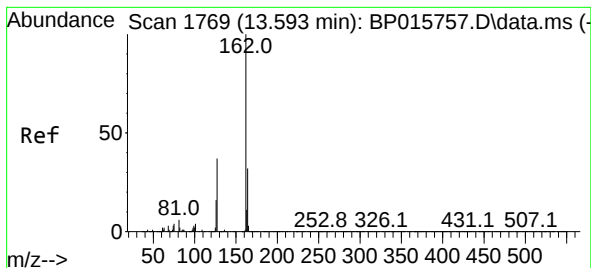
Tgt Ion:196 Resp: 264848
Ion Ratio Lower Upper
196 100
198 96.7 74.9 112.3
200 31.2 24.3 36.5



#43
1,1'-Biphenyl
Concen: 37.390 ng/ul
RT: 13.539 min Scan# 1760
Delta R.T. -0.006 min
Lab File: BP015765.D
Acq: 28 Jun 2023 01:56

Tgt Ion:154 Resp: 1002109
Ion Ratio Lower Upper
154 100
153 40.2 32.8 49.2
76 14.8 10.7 16.1





#44

2-Chloronaphthalene

Concen: 37.273 ng/ul

RT: 13.592 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP015765.D

Acq: 28 Jun 2023 01:56

Instrument :

BNA_P

ClientSampleId :

SLCS469

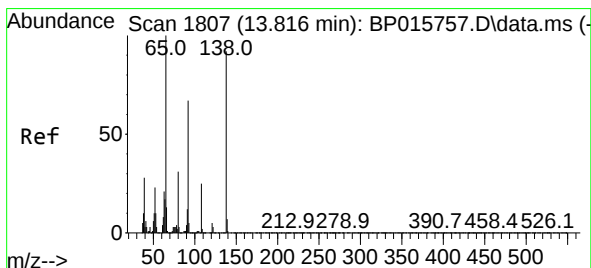
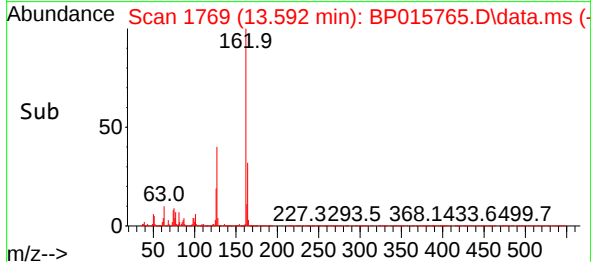
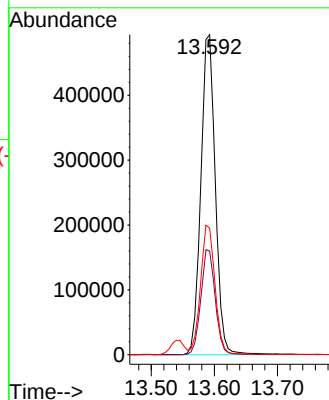
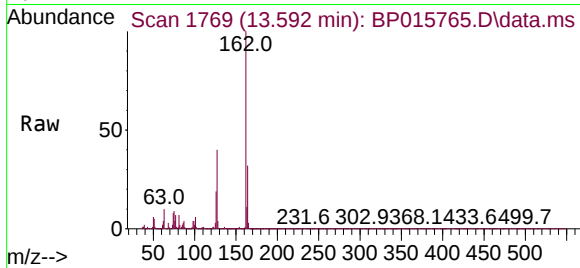
Tgt Ion:162 Resp: 786977

Ion Ratio Lower Upper

162 100

164 32.4 26.1 39.1

127 39.6 33.4 50.0



#45

2-Nitroaniline

Concen: 37.140 ng/ul

RT: 13.810 min Scan# 1806

Delta R.T. -0.000 min

Lab File: BP015765.D

Acq: 28 Jun 2023 01:56

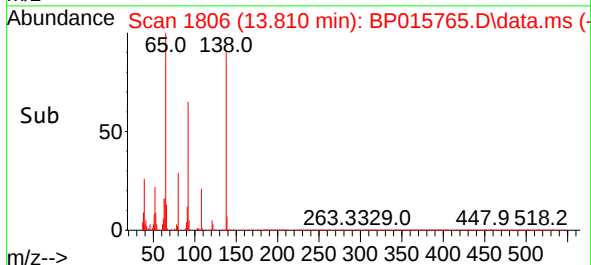
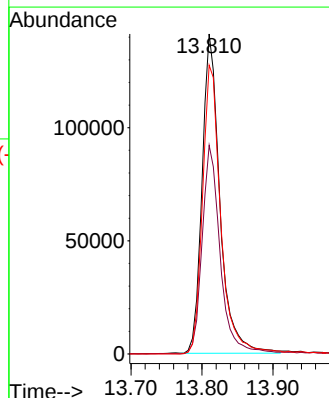
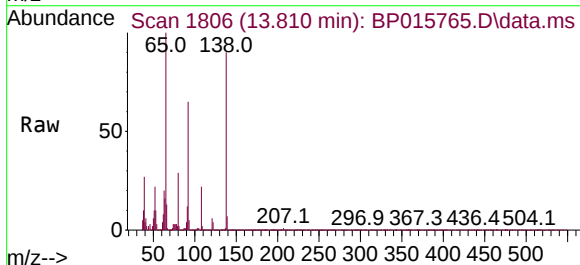
Tgt Ion: 65 Resp: 246742

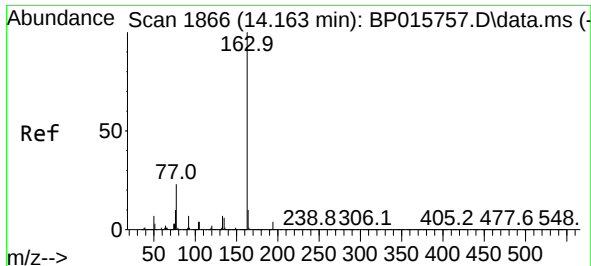
Ion Ratio Lower Upper

65 100

92 65.2 49.5 74.3

138 90.2 71.4 107.2

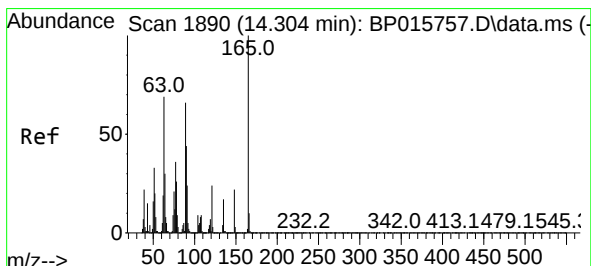
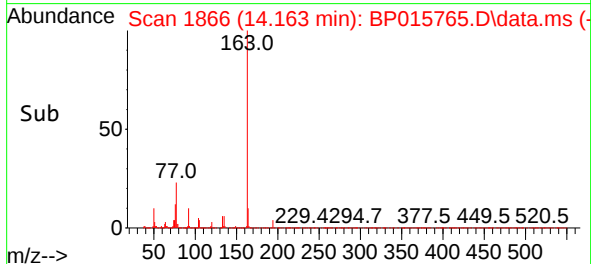
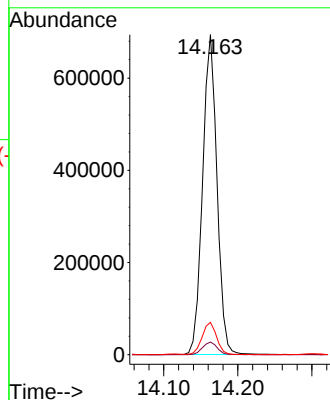
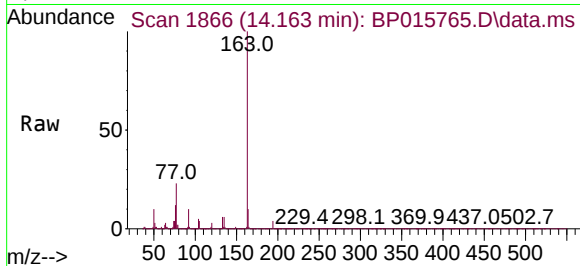




#47
Dimethylphthalate
Concen: 34.500 ng/ul
RT: 14.163 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP015765.D
Acq: 28 Jun 2023 01:56

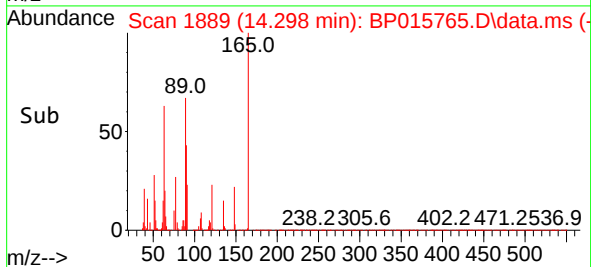
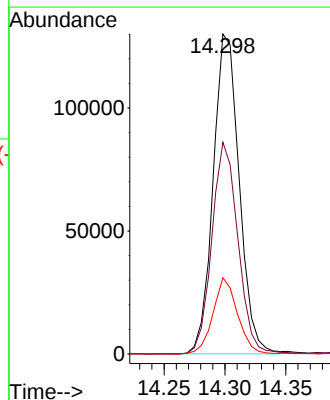
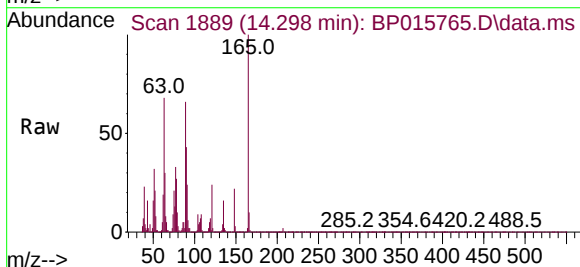
Instrument :
BNA_P
ClientSampleId :
SLCS469

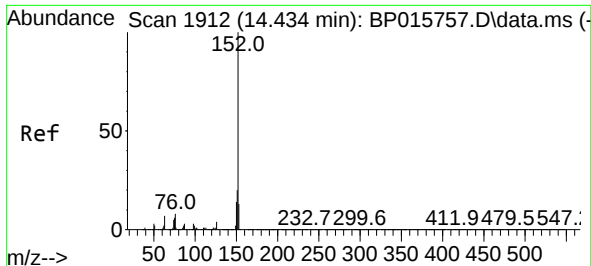
Tgt Ion:163 Resp: 933809
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.1 7.7 11.5



#48
2,6-Dinitrotoluene
Concen: 35.191 ng/ul
RT: 14.298 min Scan# 1889
Delta R.T. -0.006 min
Lab File: BP015765.D
Acq: 28 Jun 2023 01:56

Tgt Ion:165 Resp: 193213
Ion Ratio Lower Upper
165 100
89 66.2 54.1 81.1
121 23.8 18.2 27.2

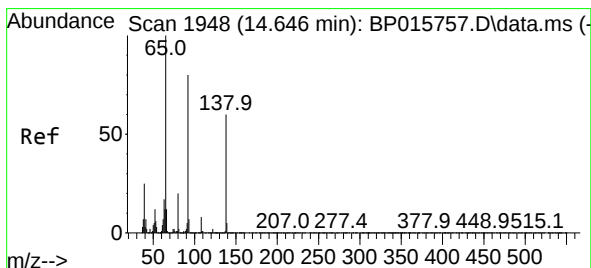
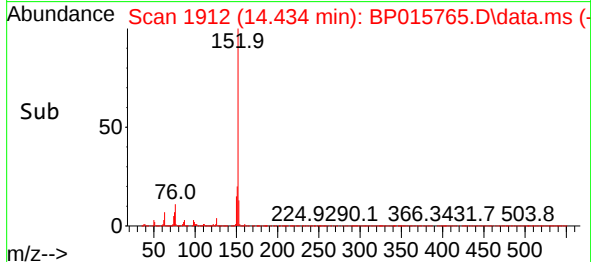
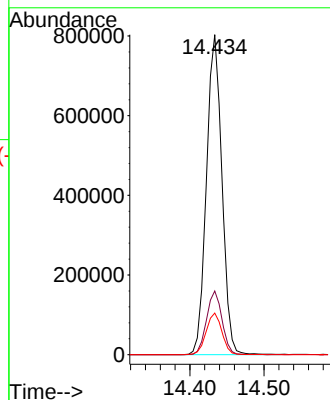
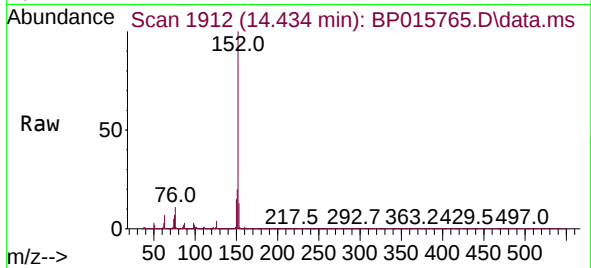




#50
Acenaphthylene
Concen: 36.065 ng/ul
RT: 14.434 min Scan# 1912
Delta R.T. -0.006 min
Lab File: BP015765.D
Acq: 28 Jun 2023 01:56

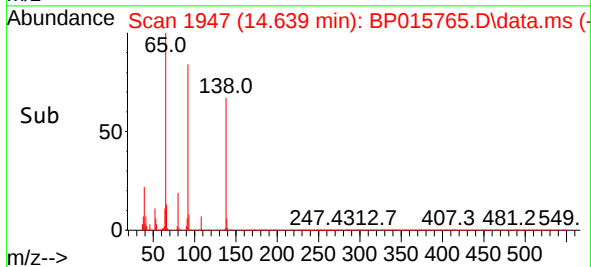
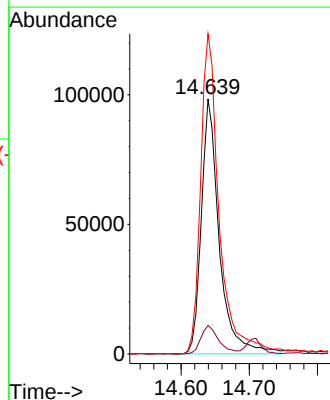
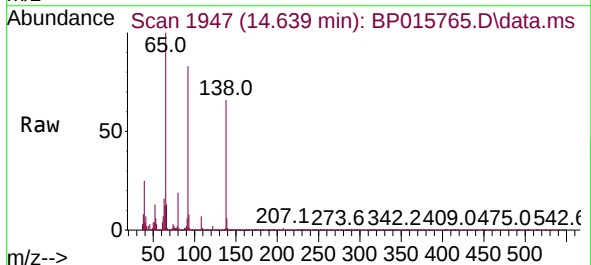
Instrument :
BNA_P
ClientSampleId :
SLCS469

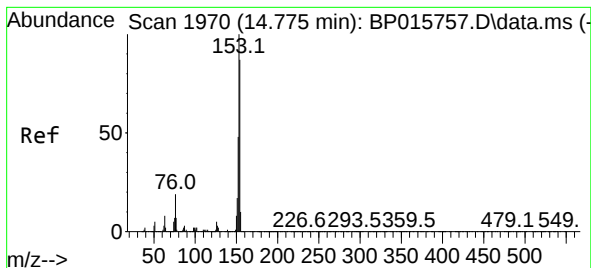
Tgt Ion:152 Resp: 1168346
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 13.0 10.5 15.7



#51
3-Nitroaniline
Concen: 41.512 ng/ul
RT: 14.639 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP015765.D
Acq: 28 Jun 2023 01:56

Tgt Ion:138 Resp: 178731
Ion Ratio Lower Upper
138 100
108 11.2 9.1 13.7
92 125.4 96.8 145.2





#52

Acenaphthene

Concen: 35.522 ng/ul

RT: 14.775 min Scan# 1970

Delta R.T. -0.000 min

Lab File: BP015765.D

Acq: 28 Jun 2023 01:56

Instrument :

BNA_P

ClientSampleId :

SLCS469

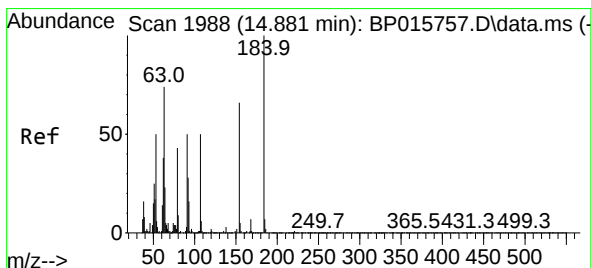
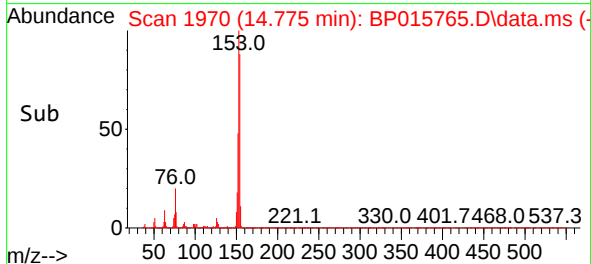
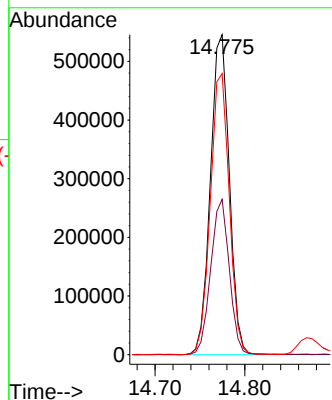
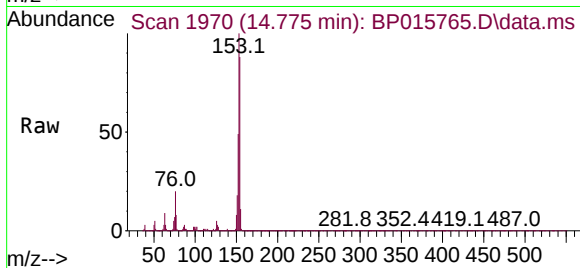
Tgt Ion:153 Resp: 797967

Ion Ratio Lower Upper

153 100

152 48.5 39.4 59.2

154 87.9 71.4 107.2



#53

2,4-Dinitrophenol

Concen: 29.156 ng/ul

RT: 14.869 min Scan# 1986

Delta R.T. -0.000 min

Lab File: BP015765.D

Acq: 28 Jun 2023 01:56

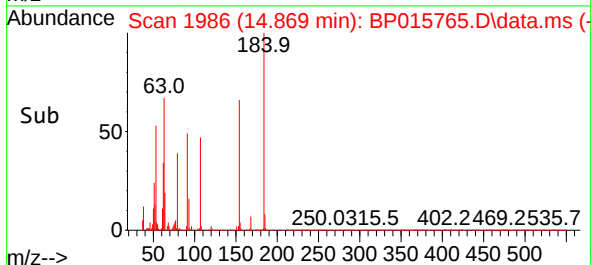
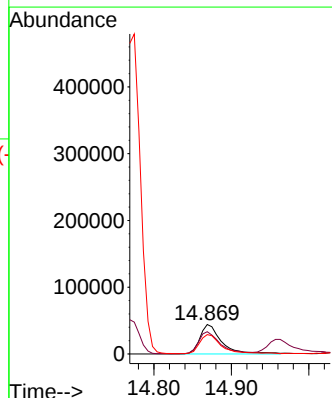
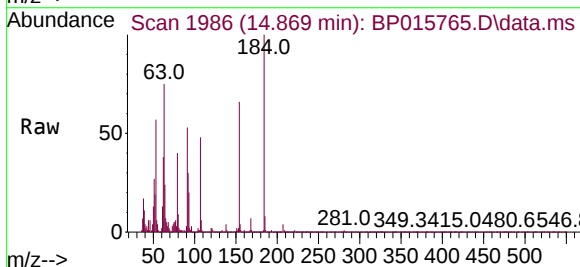
Tgt Ion:184 Resp: 84929

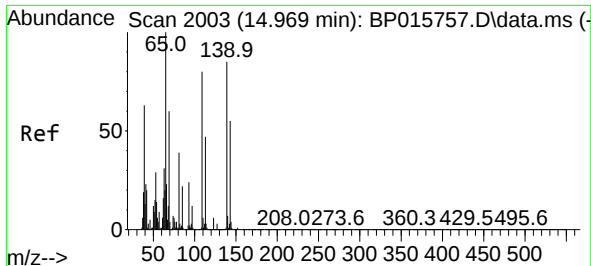
Ion Ratio Lower Upper

184 100

63 75.4 71.4 107.0

154 65.8 61.1 91.7

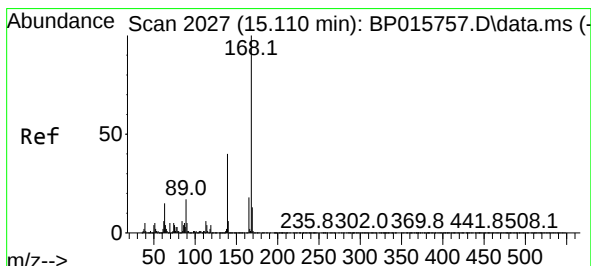
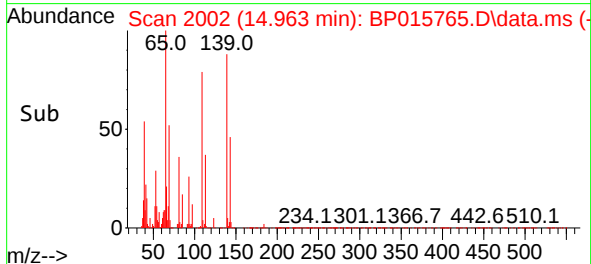
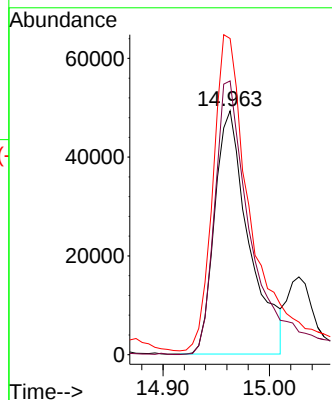
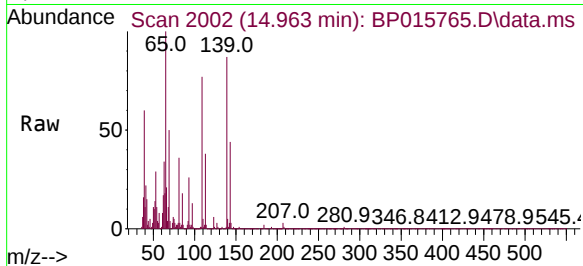




#55
4-Nitrophenol
Concen: 30.753 ng/ul
RT: 14.963 min Scan# 2003
Delta R.T. 0.006 min
Lab File: BP015765.D
Acq: 28 Jun 2023 01:56

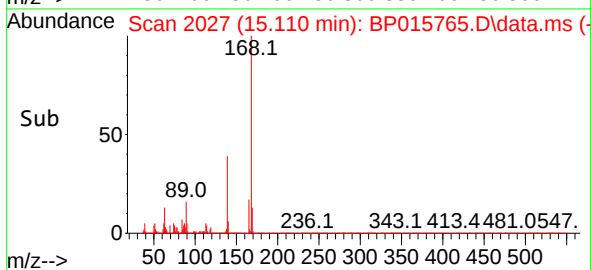
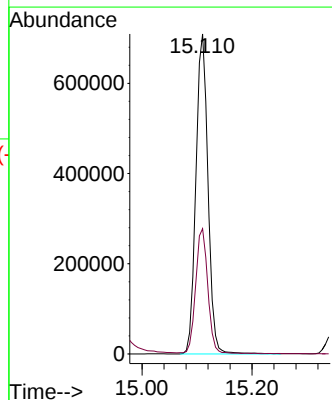
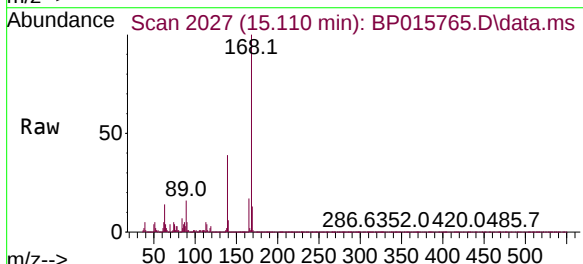
Instrument :
BNA_P
ClientSampleId :
SLCS469

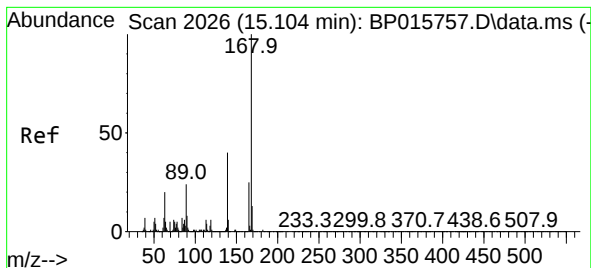
Tgt Ion:109 Resp: 109993
Ion Ratio Lower Upper
109 100
139 112.3 81.3 121.9
65 129.6 99.9 149.9



#56
Dibenzofuran
Concen: 34.661 ng/ul
RT: 15.110 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BP015765.D
Acq: 28 Jun 2023 01:56

Tgt Ion:168 Resp: 1080885
Ion Ratio Lower Upper
168 100
139 39.1 32.2 48.4

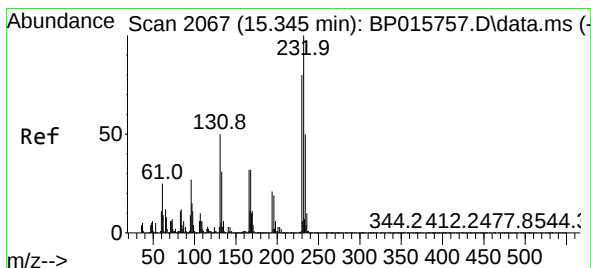
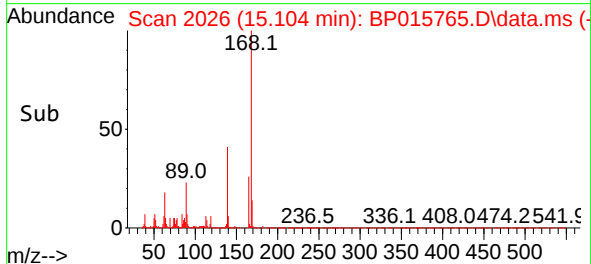
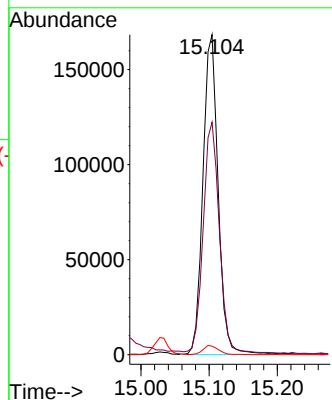
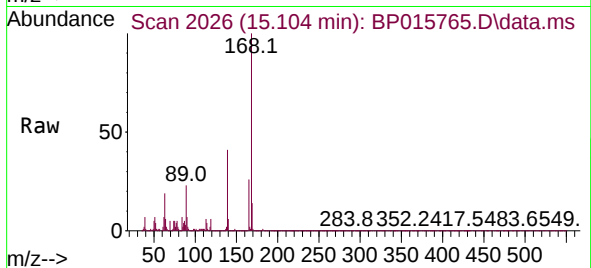




#57
2,4-Dinitrotoluene
Concen: 34.847 ng/ul
RT: 15.104 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BP015765.D
Acq: 28 Jun 2023 01:56

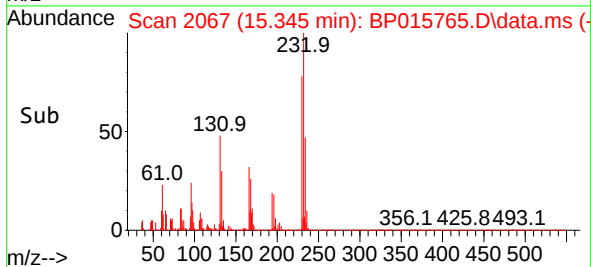
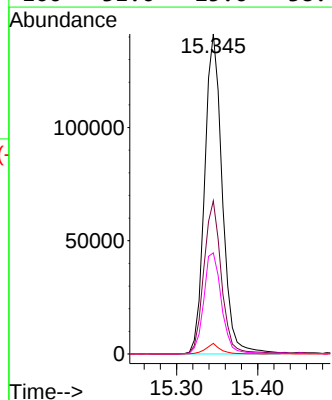
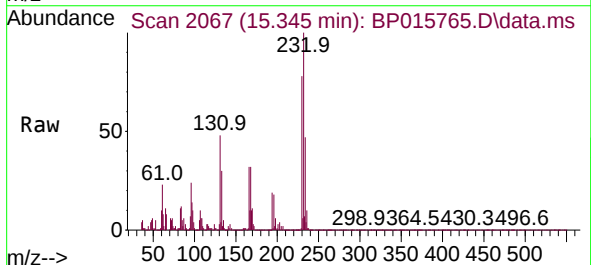
Instrument :
BNA_P
ClientSampleId :
SLCS469

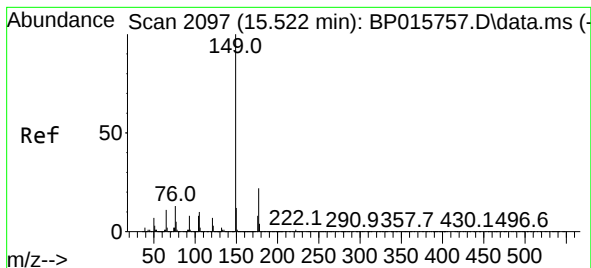
Tgt Ion:165 Resp: 260727
Ion Ratio Lower Upper
165 100
63 72.7 56.8 85.2
182 2.6 2.0 3.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 33.189 ng/ul
RT: 15.345 min Scan# 2067
Delta R.T. -0.000 min
Lab File: BP015765.D
Acq: 28 Jun 2023 01:56

Tgt Ion:232 Resp: 213082
Ion Ratio Lower Upper
232 100
131 47.9 38.2 57.2
130 3.3 2.2 3.2#
166 31.6 25.6 38.4





#59

Diethylphthalate

Concen: 34.038 ng/ul

RT: 15.516 min Scan# 2096

Delta R.T. -0.006 min

Lab File: BP015765.D

Acq: 28 Jun 2023 01:56

Instrument :

BNA_P

ClientSampleId :

SLCS469

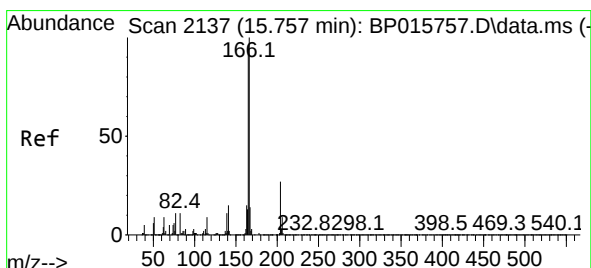
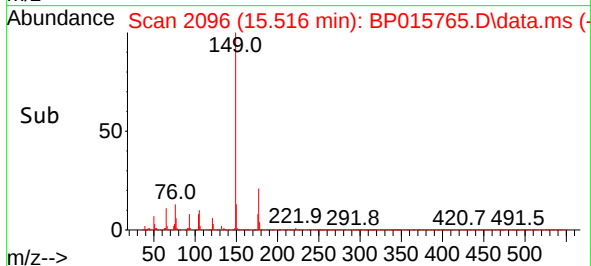
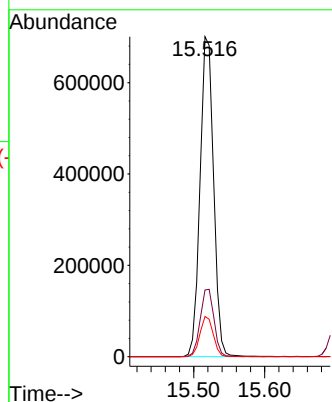
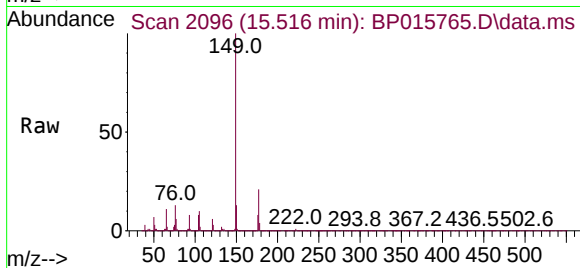
Tgt Ion:149 Resp: 932322

Ion Ratio Lower Upper

149 100

177 20.9 16.8 25.2

150 12.6 10.3 15.5



#61

Fluorene

Concen: 33.693 ng/ul

RT: 15.757 min Scan# 2137

Delta R.T. -0.006 min

Lab File: BP015765.D

Acq: 28 Jun 2023 01:56

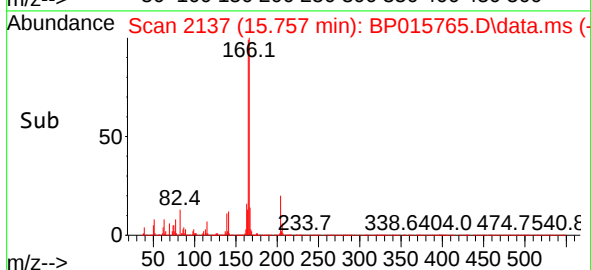
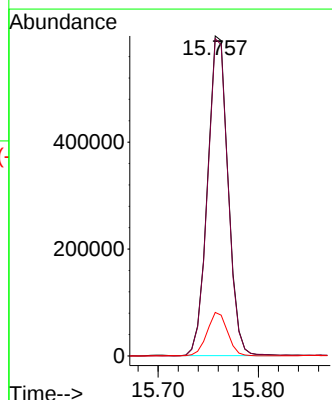
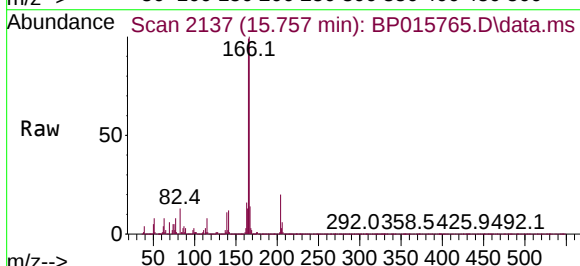
Tgt Ion:166 Resp: 852238

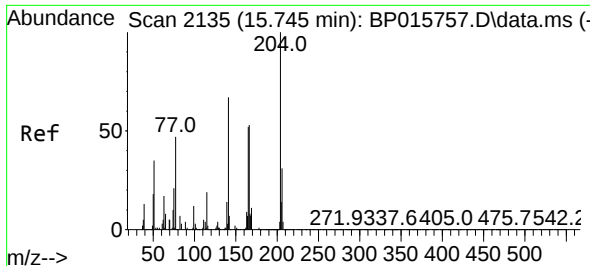
Ion Ratio Lower Upper

166 100

165 99.2 78.7 118.1

167 13.6 10.5 15.7

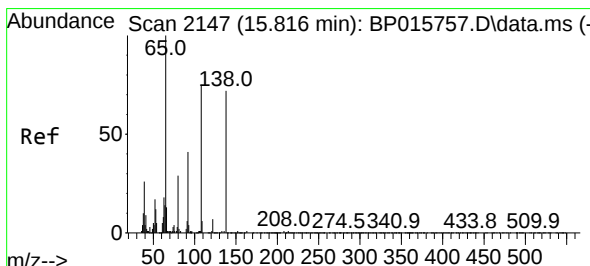
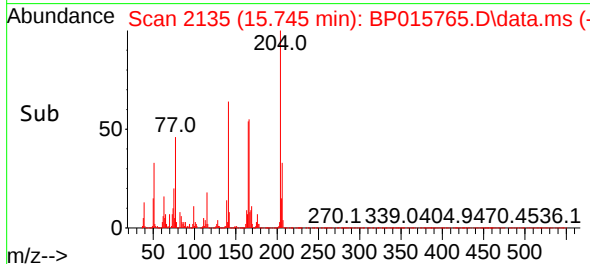
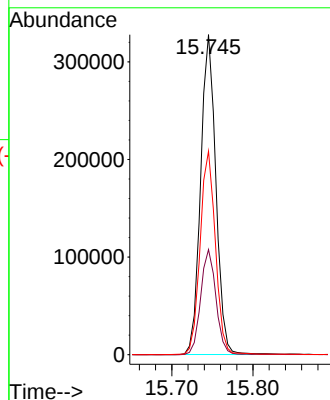
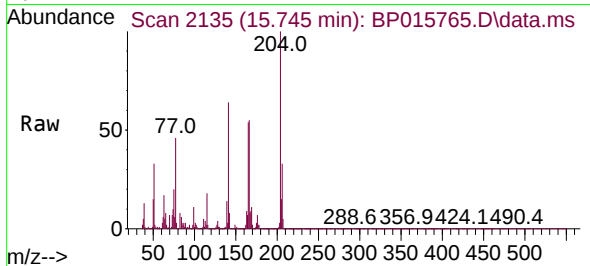




#62
4-Chlorophenyl-phenylether
Concen: 33.082 ng/ul
RT: 15.745 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BP015765.D
Acq: 28 Jun 2023 01:56

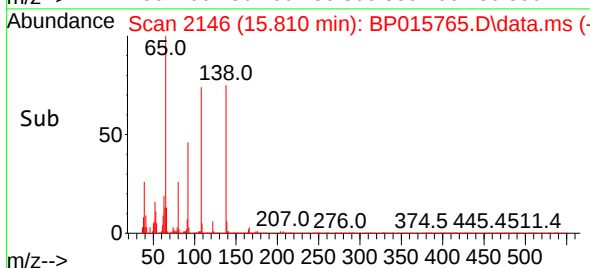
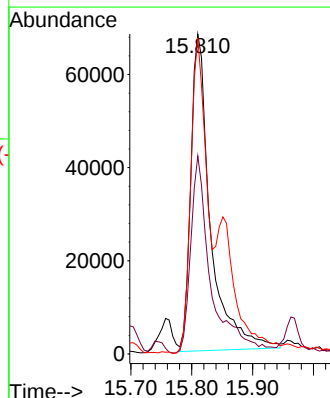
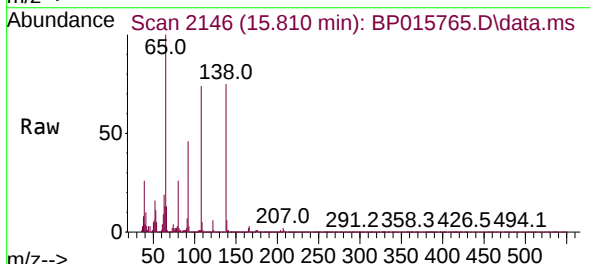
Instrument :
BNA_P
ClientSampleId :
SLCS469

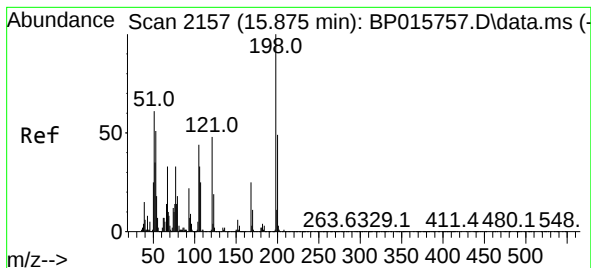
Tgt Ion:204 Resp: 428180
Ion Ratio Lower Upper
204 100
206 32.9 26.0 39.0
141 63.6 51.8 77.8



#63
4-Nitroaniline
Concen: 51.630 ng/ul
RT: 15.810 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BP015765.D
Acq: 28 Jun 2023 01:56

Tgt Ion:138 Resp: 152144
Ion Ratio Lower Upper
138 100
92 61.9 50.1 75.1
108 98.8 85.5 128.3

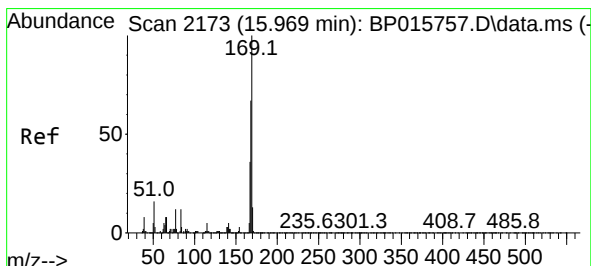
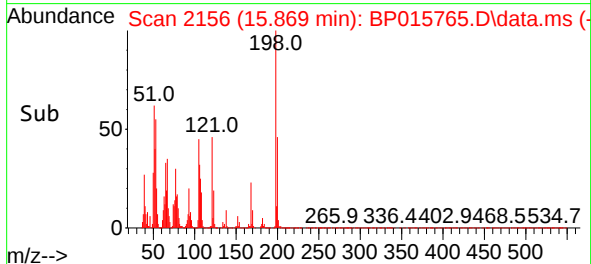
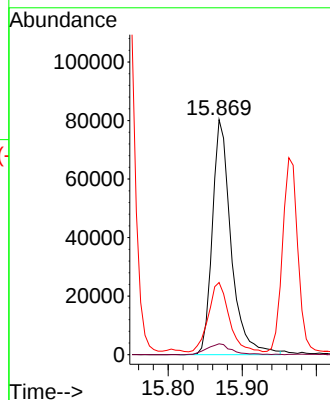
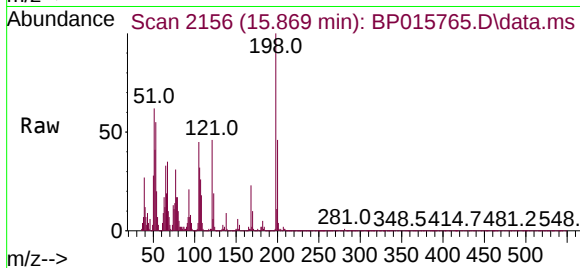




#66
4,6-Dinitro-2-methylphenol
Concen: 35.193 ng/ul
RT: 15.869 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BP015765.D
Acq: 28 Jun 2023 01:56

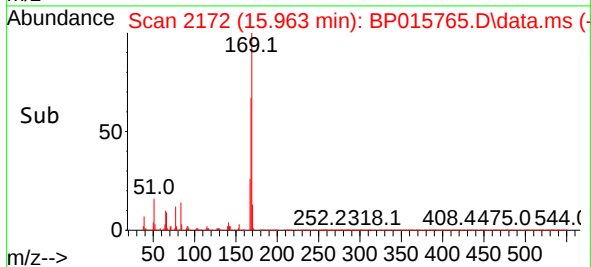
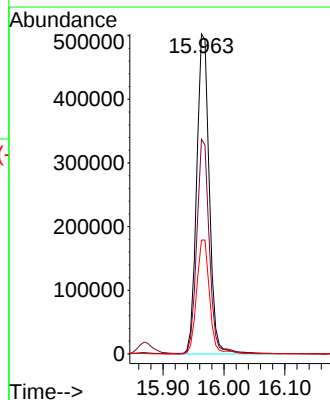
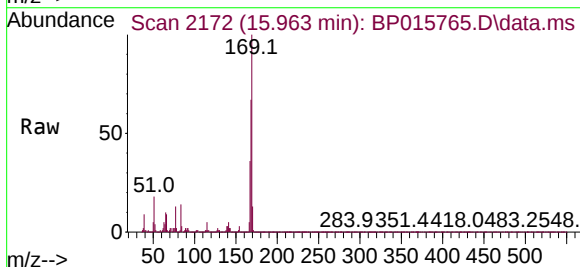
Instrument :
BNA_P
ClientSampleId :
SLCS469

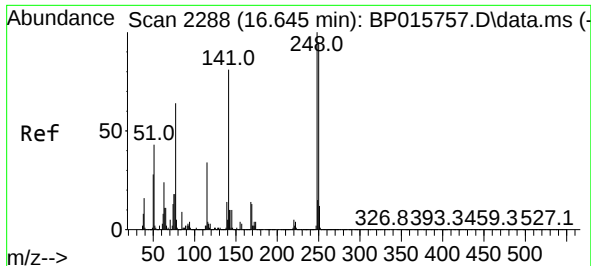
Tgt Ion:198 Resp: 141385
Ion Ratio Lower Upper
198 100
182 4.7 3.4 5.2
77 30.7 24.4 36.6



#67
N-Nitrosodiphenylamine
Concen: 37.442 ng/ul
RT: 15.963 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BP015765.D
Acq: 28 Jun 2023 01:56

Tgt Ion:169 Resp: 723679
Ion Ratio Lower Upper
169 100
168 67.1 54.2 81.4
167 35.6 29.7 44.5

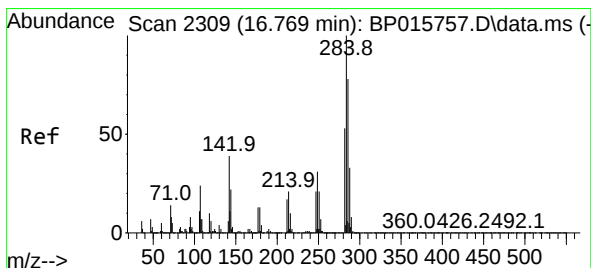
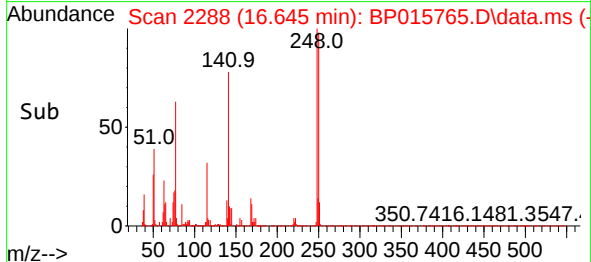
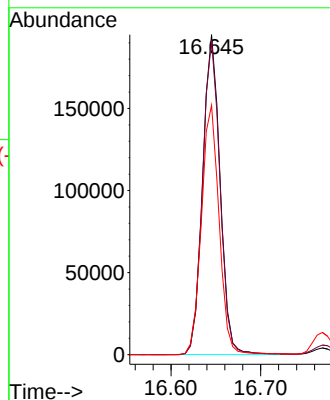
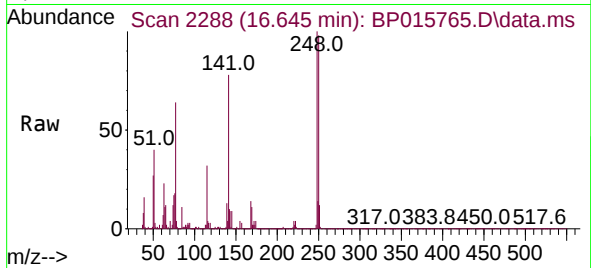




#68
4-Bromophenyl-phenylether
Concen: 35.721 ng/ul
RT: 16.645 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BP015765.D
Acq: 28 Jun 2023 01:56

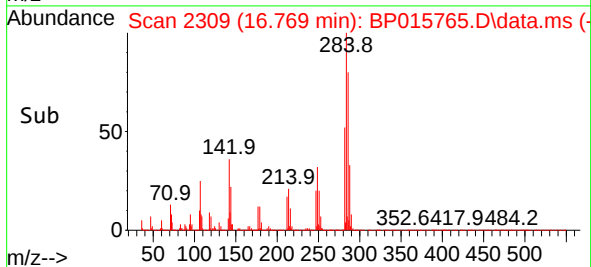
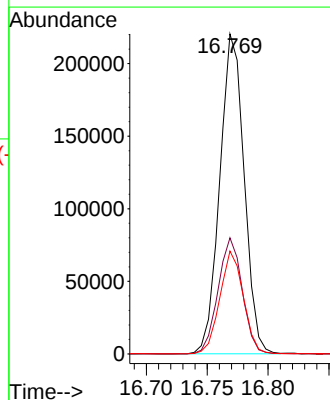
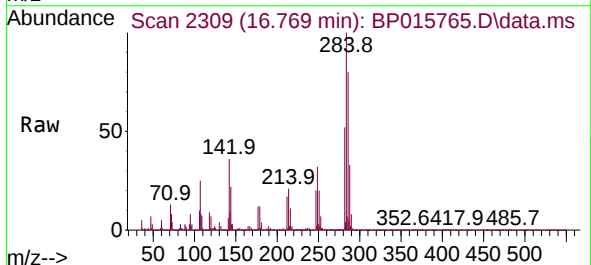
Instrument :
BNA_P
ClientSampleId :
SLCS469

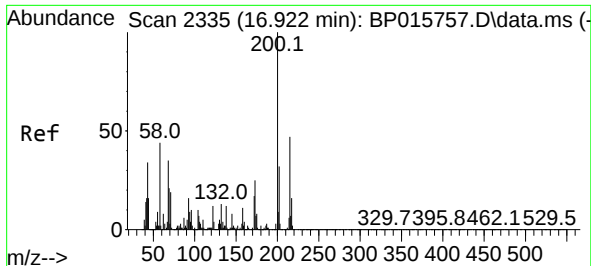
Tgt Ion:248 Resp: 263362
Ion Ratio Lower Upper
248 100
250 98.2 84.6 126.8
141 78.0 67.8 101.6



#69
Hexachlorobenzene
Concen: 35.233 ng/ul
RT: 16.769 min Scan# 2309
Delta R.T. -0.006 min
Lab File: BP015765.D
Acq: 28 Jun 2023 01:56

Tgt Ion:284 Resp: 306506
Ion Ratio Lower Upper
284 100
142 36.3 27.8 41.8
249 32.2 26.1 39.1

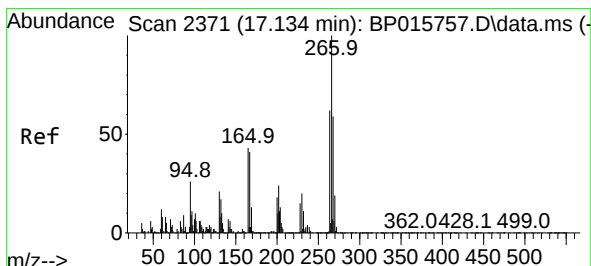
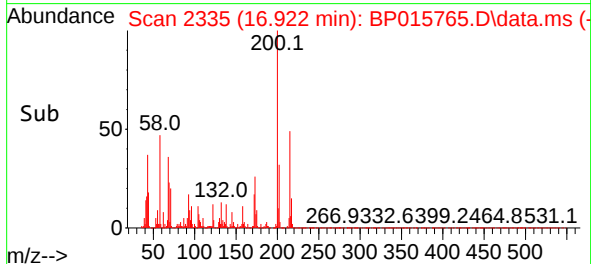
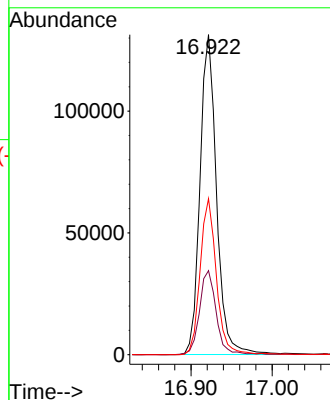
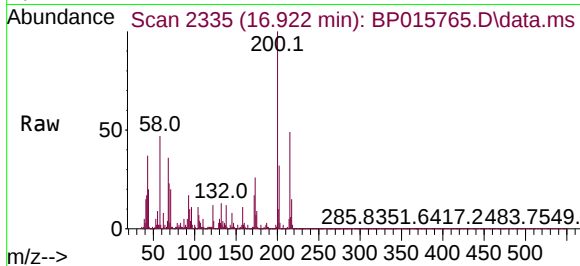




#70
Atrazine
Concen: 25.102 ng/ul
RT: 16.922 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP015765.D
Acq: 28 Jun 2023 01:56

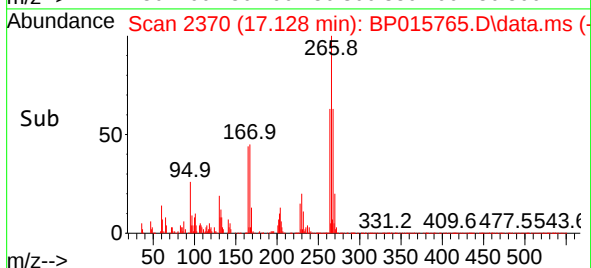
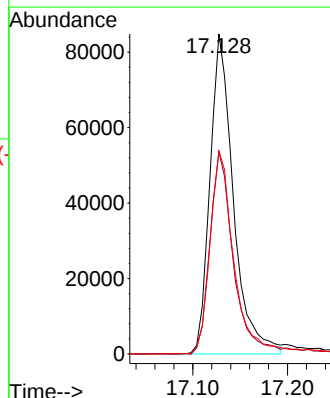
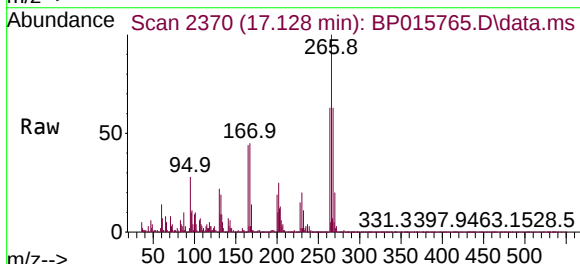
Instrument :
BNA_P
ClientSampleId :
SLCS469

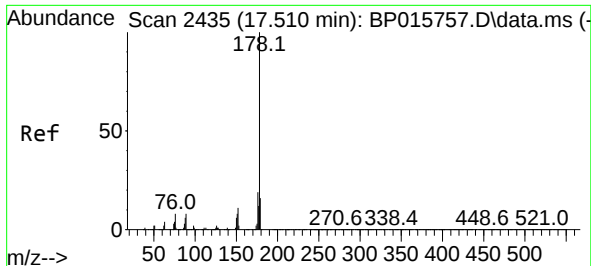
Tgt Ion:200 Resp: 185715
Ion Ratio Lower Upper
200 100
173 26.2 19.8 29.8
215 48.8 36.8 55.2



#71
Pentachlorophenol
Concen: 34.906 ng/ul
RT: 17.128 min Scan# 2370
Delta R.T. -0.006 min
Lab File: BP015765.D
Acq: 28 Jun 2023 01:56

Tgt Ion:266 Resp: 145743
Ion Ratio Lower Upper
266 100
264 63.1 53.4 80.2
268 63.4 51.4 77.2

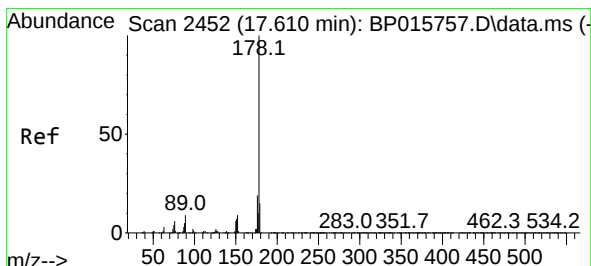
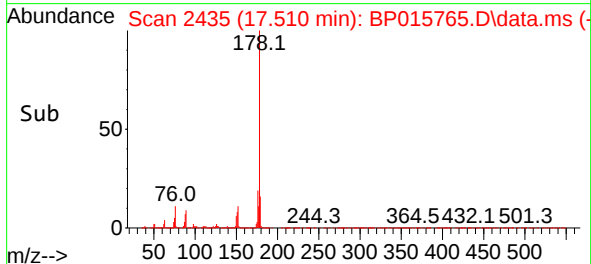
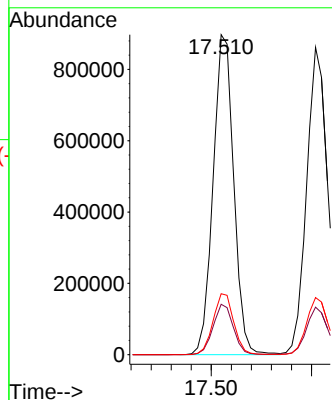
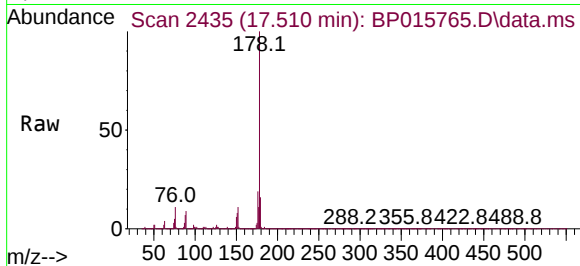




#72
Phenanthrene
Concen: 36.468 ng/ul
RT: 17.510 min Scan# 2435
Delta R.T. -0.006 min
Lab File: BP015765.D
Acq: 28 Jun 2023 01:56

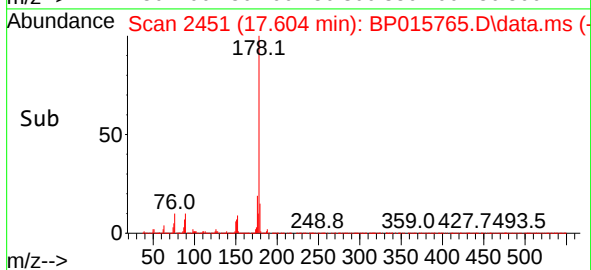
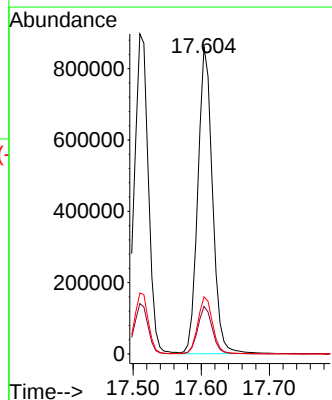
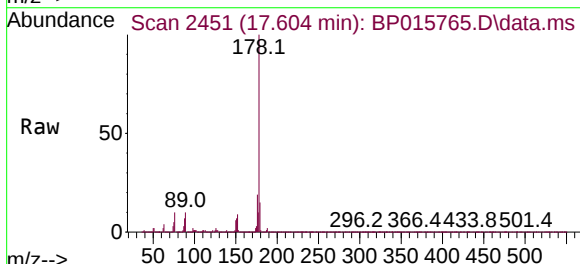
Instrument :
BNA_P
ClientSampleId :
SLCS469

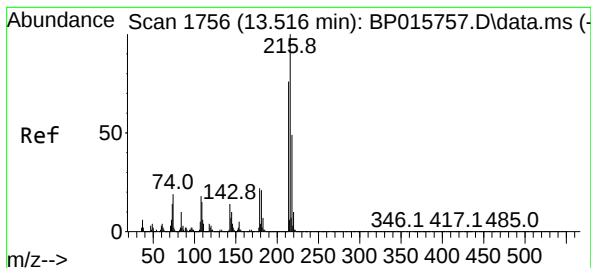
Tgt Ion:178 Resp: 1279112
Ion Ratio Lower Upper
178 100
179 15.7 12.4 18.6
176 19.0 15.6 23.4



#74
Anthracene
Concen: 36.310 ng/ul
RT: 17.604 min Scan# 2451
Delta R.T. -0.006 min
Lab File: BP015765.D
Acq: 28 Jun 2023 01:56

Tgt Ion:178 Resp: 1279711
Ion Ratio Lower Upper
178 100
179 15.4 12.1 18.1
176 18.6 14.6 22.0





#75

1,2,3,4-Tetrachlorobenzene

Concen: 38.773 ng/uL

RT: 13.510 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP015765.D

Acq: 28 Jun 2023 01:56

Instrument :

BNA_P

ClientSampleId :

SLCS469

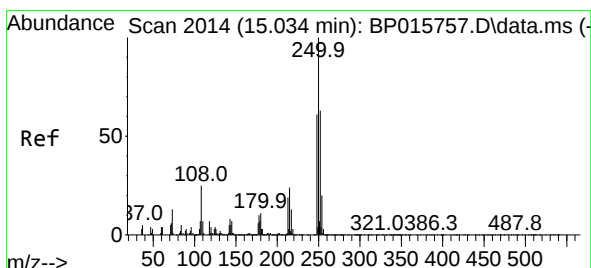
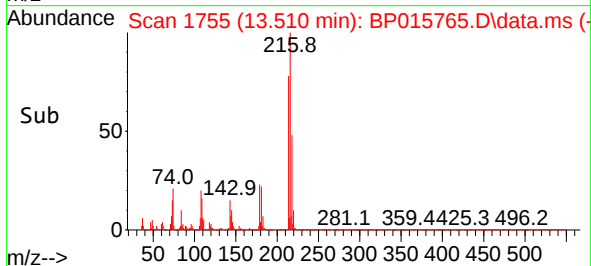
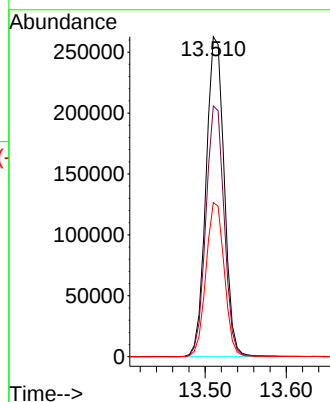
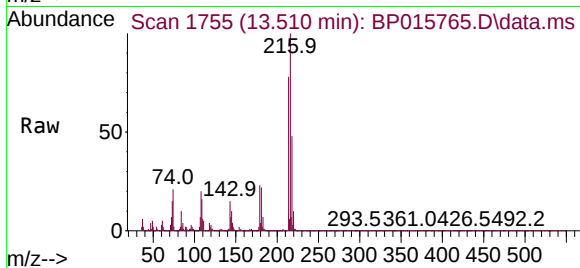
Tgt Ion:216 Resp: 407337

Ion Ratio Lower Upper

216 100

214 78.4 62.0 93.0

218 48.1 38.4 57.6



#76

Pentachlorobenzene

Concen: 35.918 ng/uL

RT: 15.028 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BP015765.D

Acq: 28 Jun 2023 01:56

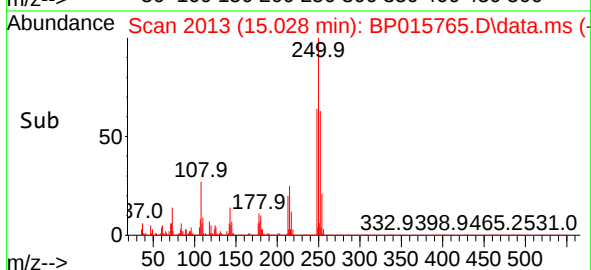
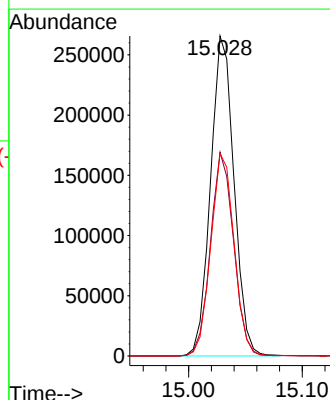
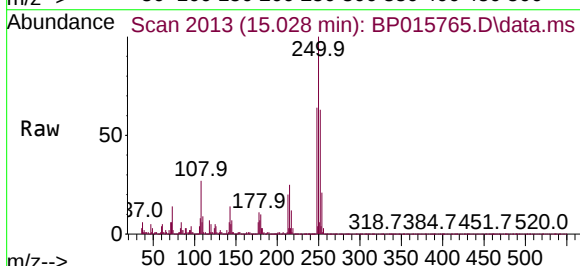
Tgt Ion:250 Resp: 380837

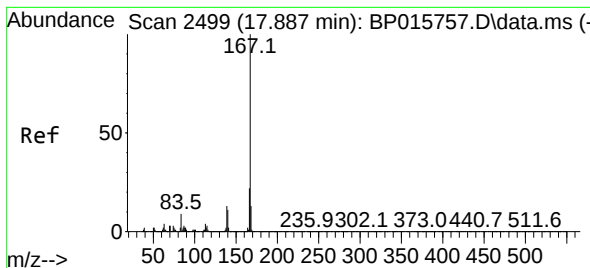
Ion Ratio Lower Upper

250 100

248 63.6 50.7 76.1

252 63.2 51.2 76.8





#77

Carbazole

Concen: 38.771 ng/ul

RT: 17.880 min Scan# 2499

Delta R.T. -0.006 min

Lab File: BP015765.D

Acq: 28 Jun 2023 01:56

Instrument :

BNA_P

ClientSampleId :

SLCS469

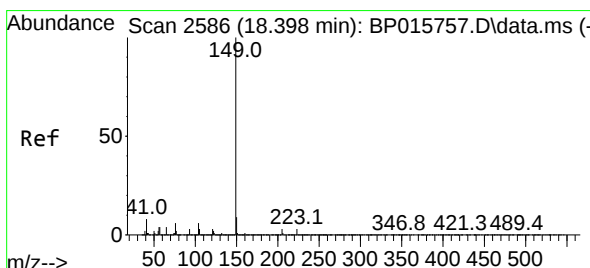
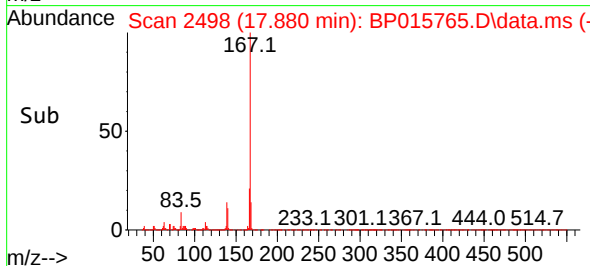
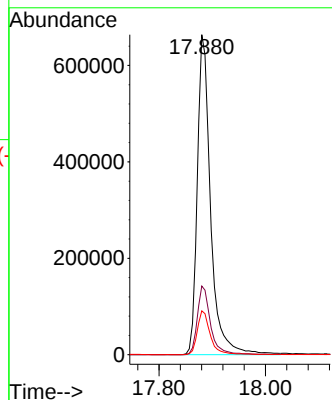
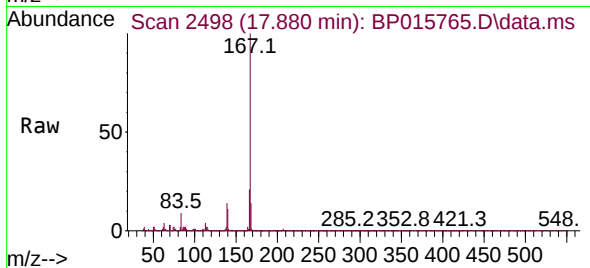
Tgt Ion:167 Resp: 1151702

Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.0

139 13.7 11.0 16.4



#78

Di-n-butylphthalate

Concen: 38.201 ng/ul

RT: 18.398 min Scan# 2586

Delta R.T. -0.006 min

Lab File: BP015765.D

Acq: 28 Jun 2023 01:56

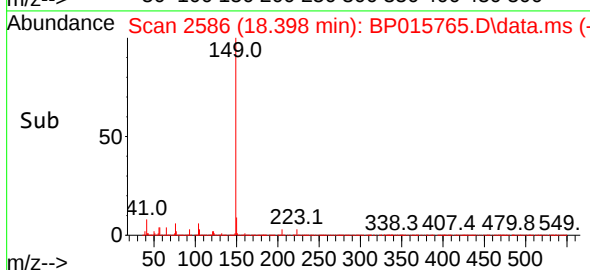
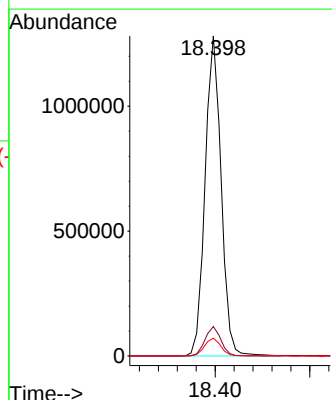
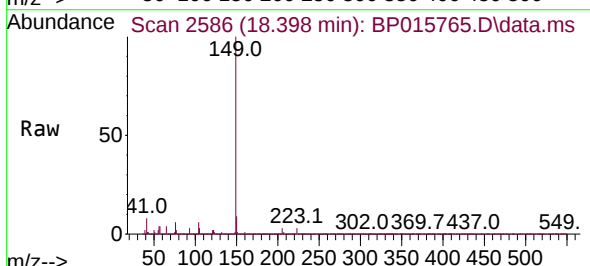
Tgt Ion:149 Resp: 1504383

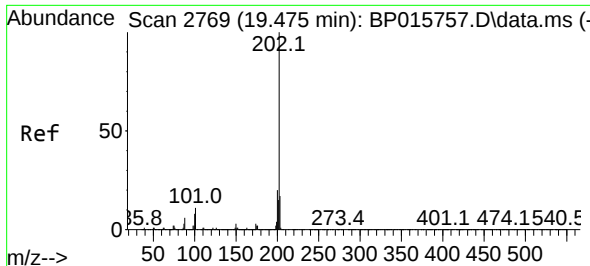
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 5.6 4.6 7.0

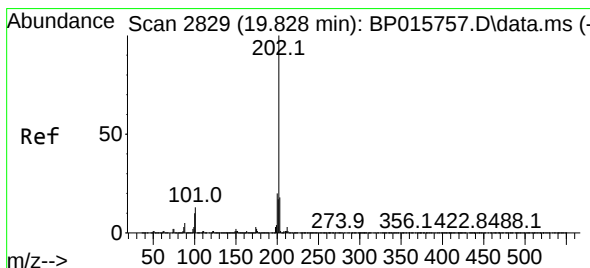
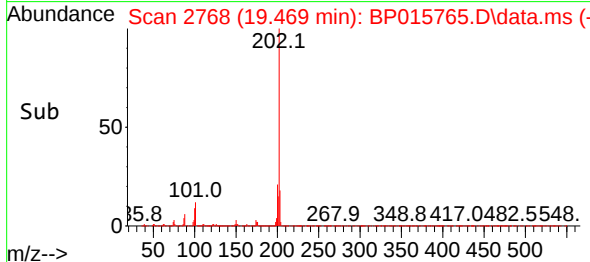
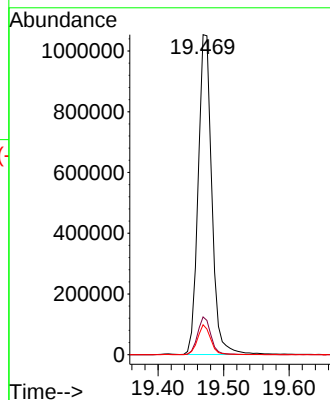
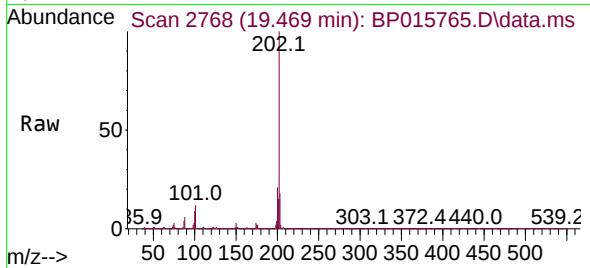




#80
Fluoranthene
Concen: 30.395 ng/ul
RT: 19.469 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP015765.D
Acq: 28 Jun 2023 01:56

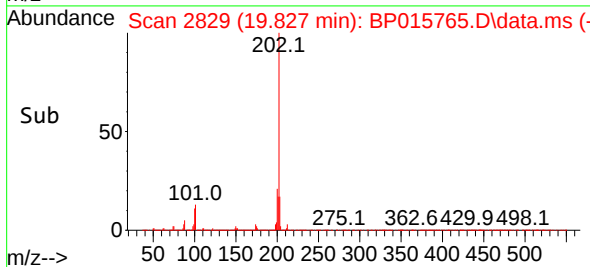
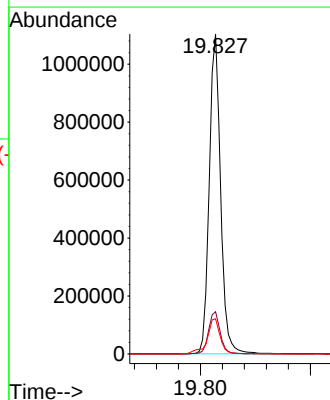
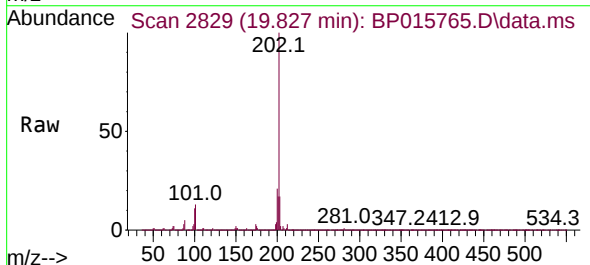
Instrument :
BNA_P
ClientSampleId :
SLCS469

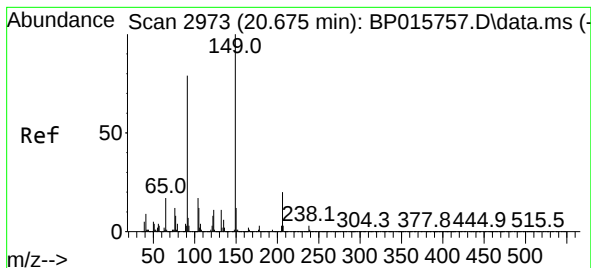
Tgt Ion:202 Resp: 1526710
Ion Ratio Lower Upper
202 100
101 11.8 8.3 12.5
100 9.4 6.6 9.8



#82
Pyrene
Concen: 30.758 ng/ul
RT: 19.827 min Scan# 2829
Delta R.T. -0.006 min
Lab File: BP015765.D
Acq: 28 Jun 2023 01:56

Tgt Ion:202 Resp: 1575955
Ion Ratio Lower Upper
202 100
101 13.2 9.3 13.9
100 11.0 7.6 11.4





#83

Butylbenzylphthalate

Concen: 34.119 ng/ul

RT: 20.674 min Scan# 2973

Delta R.T. -0.006 min

Lab File: BP015765.D

Acq: 28 Jun 2023 01:56

Instrument :

BNA_P

ClientSampleId :

SLCS469

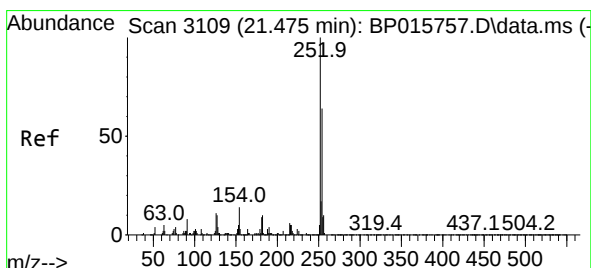
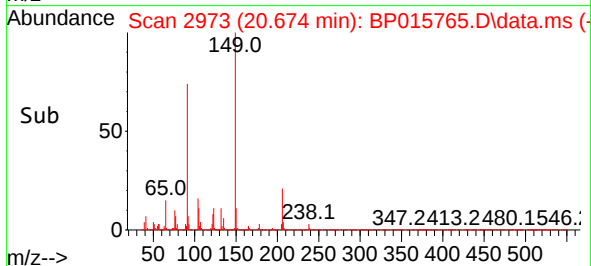
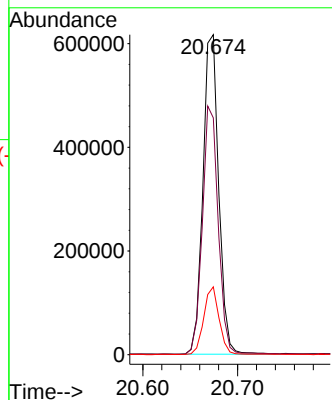
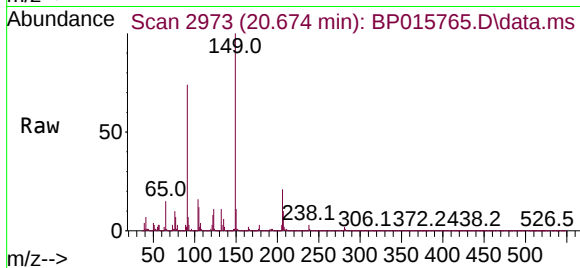
Tgt Ion:149 Resp: 713204

Ion Ratio Lower Upper

149 100

91 74.0 59.8 89.6

206 21.2 16.4 24.6



#84

3,3'-Dichlorobenzidine

Concen: 40.774 ng/ul

RT: 21.468 min Scan# 3108

Delta R.T. -0.006 min

Lab File: BP015765.D

Acq: 28 Jun 2023 01:56

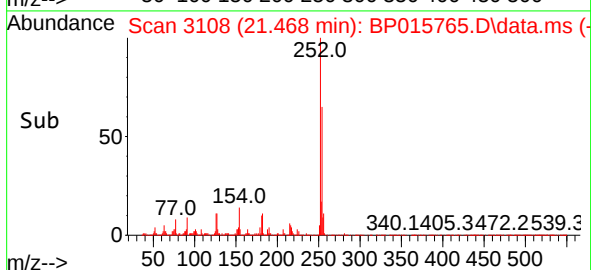
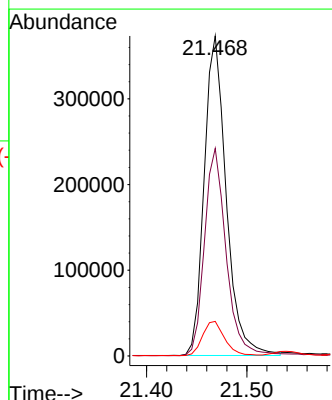
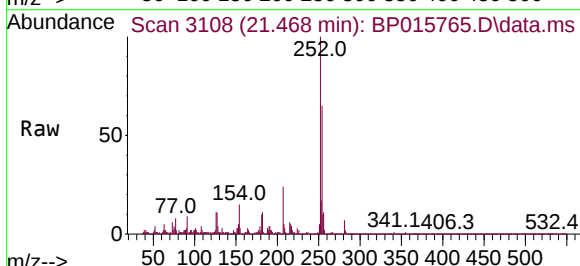
Tgt Ion:252 Resp: 570493

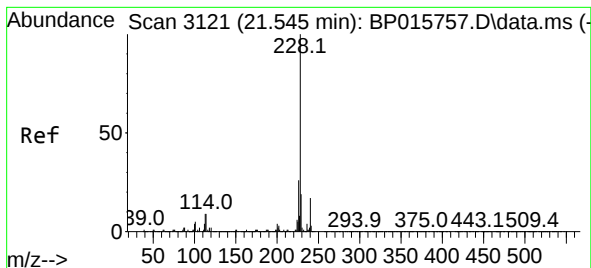
Ion Ratio Lower Upper

252 100

254 64.8 51.0 76.6

126 10.8 8.6 13.0





#85

Benzo(a)anthracene

Concen: 36.681 ng/ul

RT: 21.539 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP015765.D

Acq: 28 Jun 2023 01:56

Instrument :

BNA_P

ClientSampleId :

SLCS469

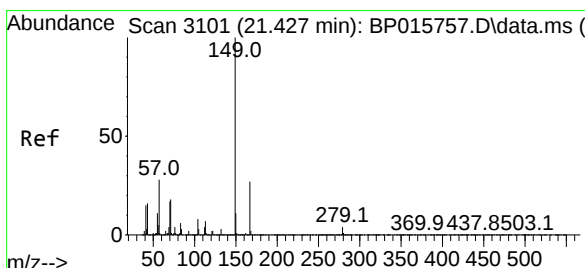
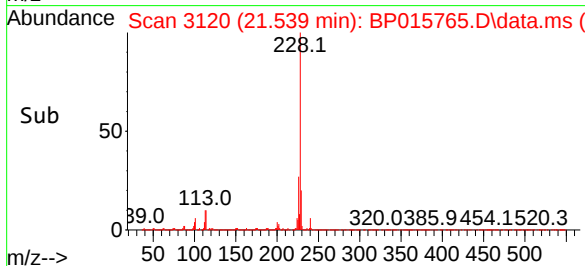
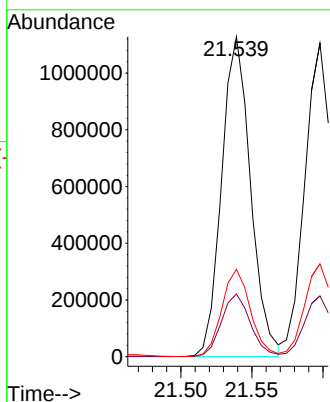
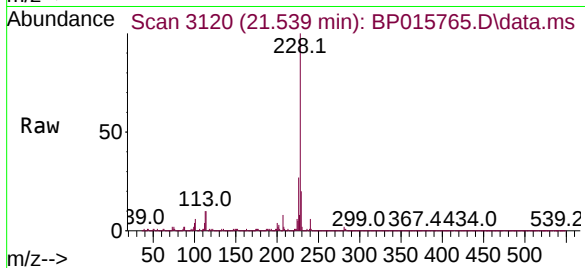
Tgt Ion:228 Resp: 1597102

Ion Ratio Lower Upper

228 100

229 19.6 15.3 22.9

226 27.3 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 35.919 ng/ul

RT: 21.421 min Scan# 3100

Delta R.T. -0.012 min

Lab File: BP015765.D

Acq: 28 Jun 2023 01:56

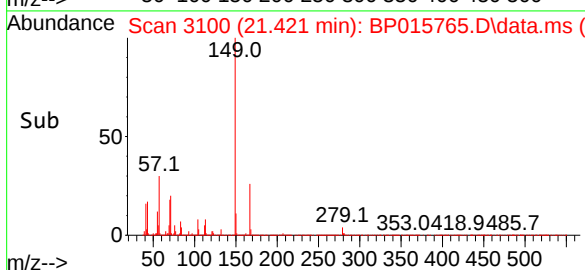
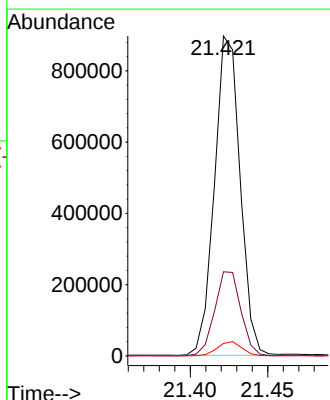
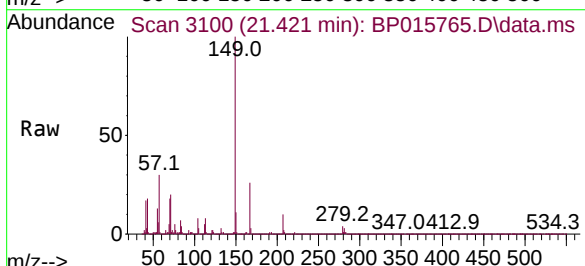
Tgt Ion:149 Resp: 1031861

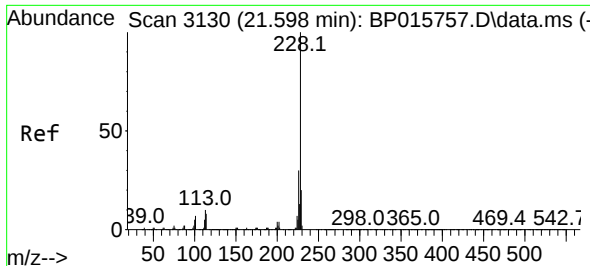
Ion Ratio Lower Upper

149 100

167 26.3 21.0 31.6

279 3.9 3.8 5.6

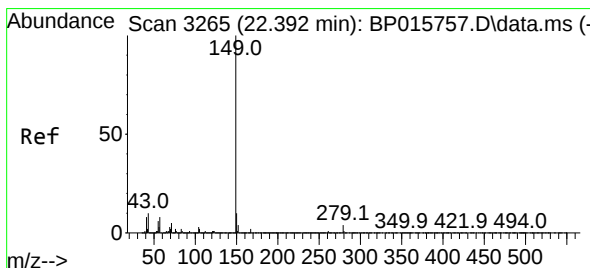
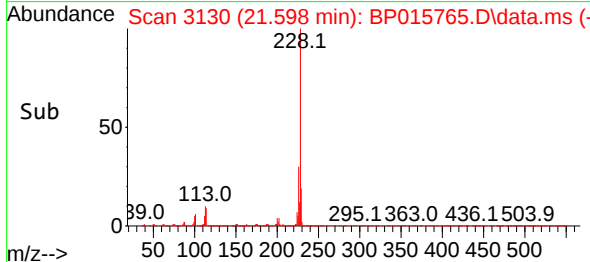
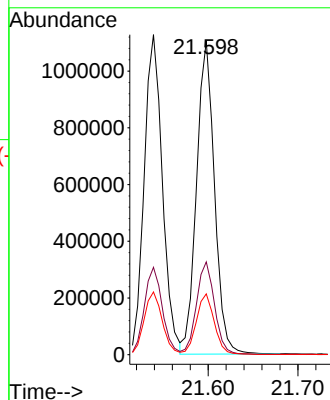
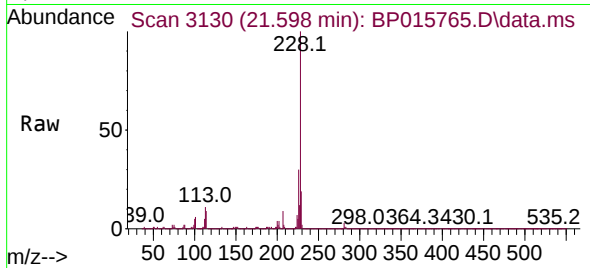




#87
Chrysene
Concen: 37.101 ng/ul
RT: 21.598 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BP015765.D
Acq: 28 Jun 2023 01:56

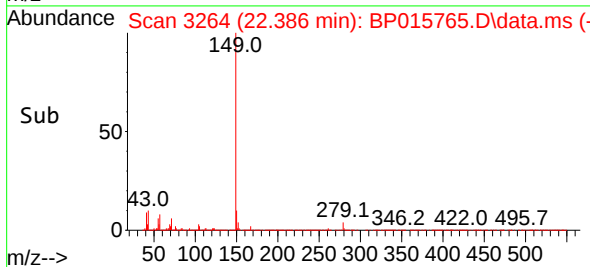
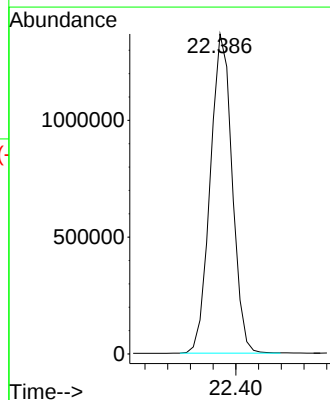
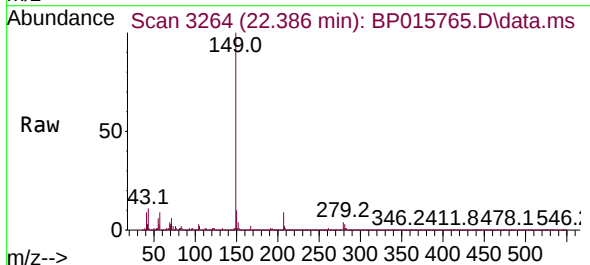
Instrument :
BNA_P
ClientSampleId :
SLCS469

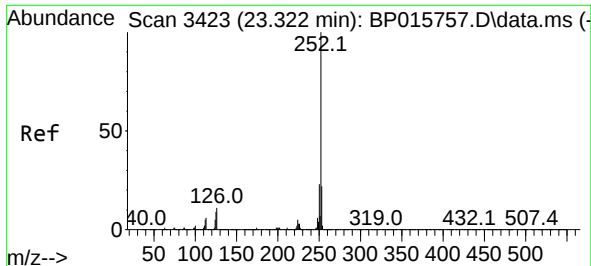
Tgt Ion:228 Resp: 1532599
Ion Ratio Lower Upper
228 100
226 29.6 24.3 36.5
229 19.4 15.5 23.3



#89
Di-n-octyl phthalate
Concen: 32.575 ng/ul
RT: 22.386 min Scan# 3264
Delta R.T. -0.012 min
Lab File: BP015765.D
Acq: 28 Jun 2023 01:56

Tgt Ion:149 Resp: 1831018

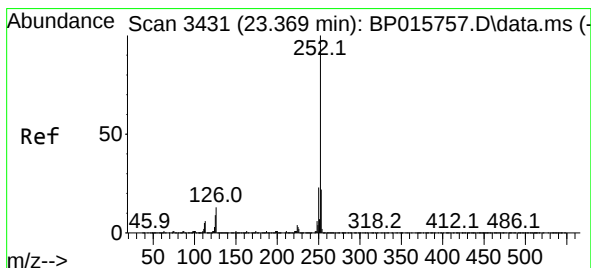
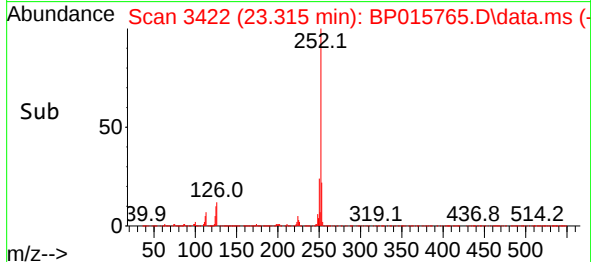
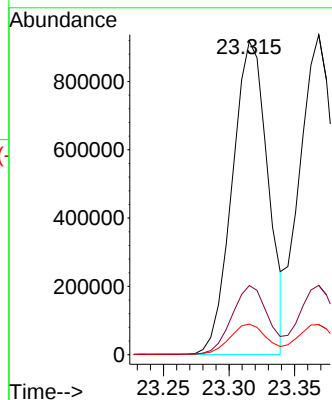
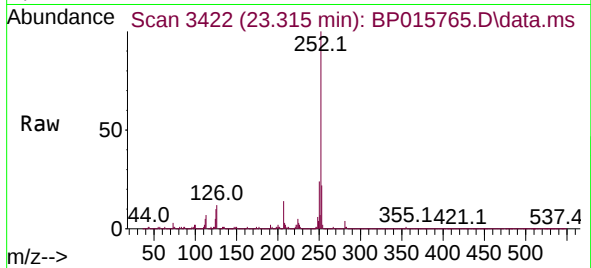




#90
Benzo(b)fluoranthene
Concen: 35.228 ng/ul
RT: 23.315 min Scan# 3423
Delta R.T. -0.012 min
Lab File: BP015765.D
Acq: 28 Jun 2023 01:56

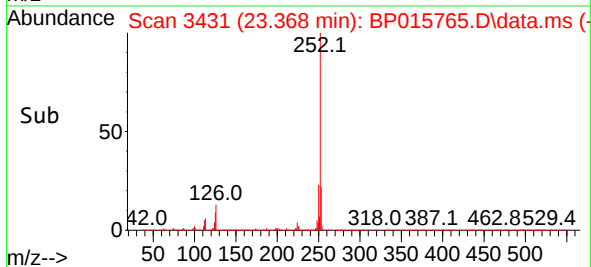
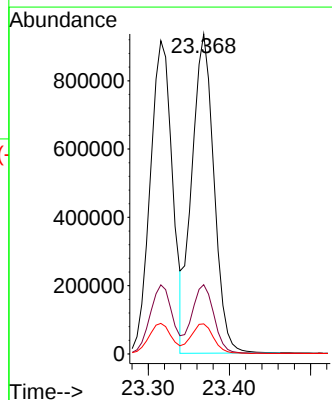
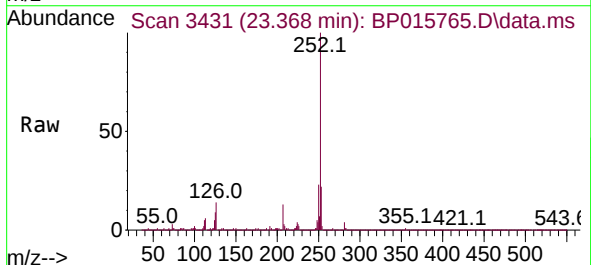
Instrument :
BNA_P
ClientSampleId :
SLCS469

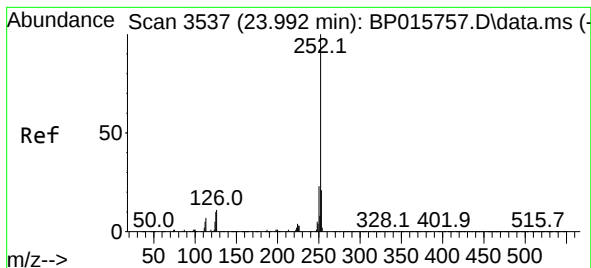
Tgt Ion:252 Resp: 1740997
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 9.8 7.5 11.3



#91
Benzo(k)fluoranthene
Concen: 35.452 ng/ul
RT: 23.368 min Scan# 3431
Delta R.T. -0.012 min
Lab File: BP015765.D
Acq: 28 Jun 2023 01:56

Tgt Ion:252 Resp: 1770216
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.4
125 9.4 7.3 10.9





#93

Benzo(a)pyrene

Concen: 36.880 ng/ul

RT: 23.986 min Scan# 3536

Delta R.T. -0.018 min

Lab File: BP015765.D

Acq: 28 Jun 2023 01:56

Instrument :

BNA_P

ClientSampleId :

SLCS469

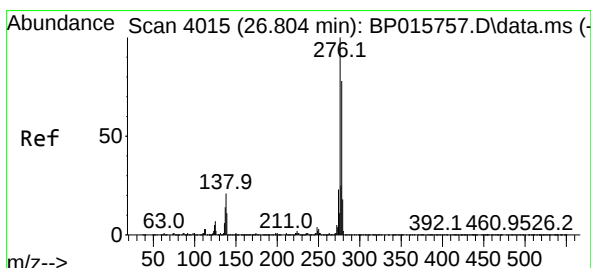
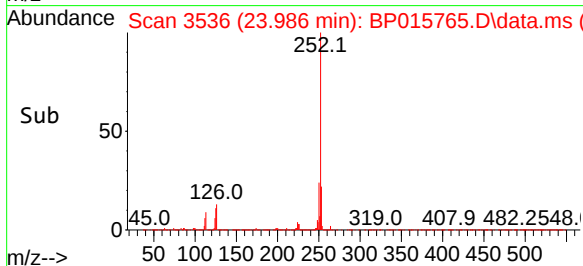
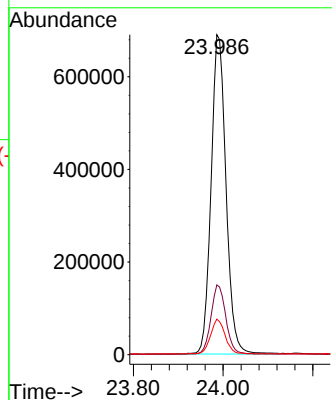
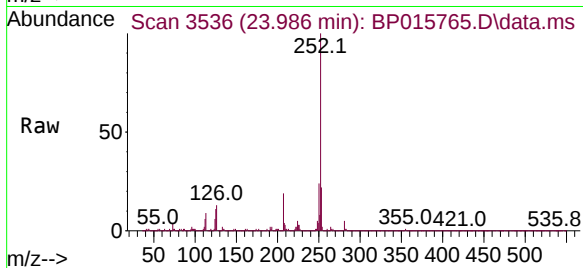
Tgt Ion:252 Resp: 1592588

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 11.1 8.2 12.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 37.292 ng/ul

RT: 26.798 min Scan# 4014

Delta R.T. -0.018 min

Lab File: BP015765.D

Acq: 28 Jun 2023 01:56

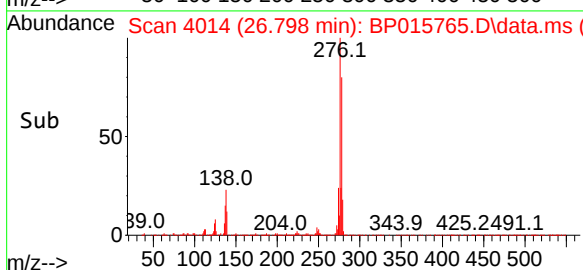
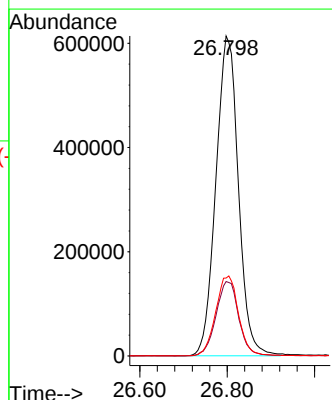
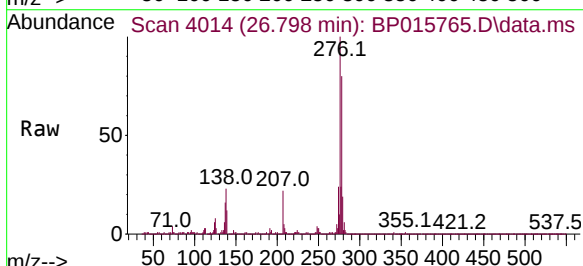
Tgt Ion:276 Resp: 2186126

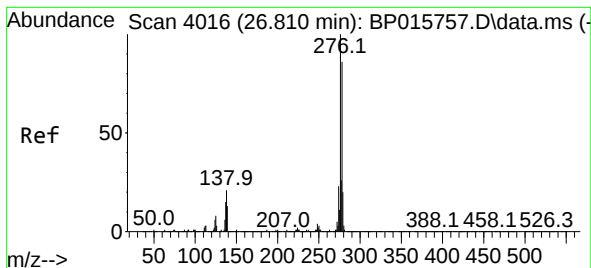
Ion Ratio Lower Upper

276 100

138 23.3 15.7 23.5

277 24.4 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 37.451 ng/ul

RT: 26.809 min Scan# 4016

Delta R.T. -0.018 min

Lab File: BP015765.D

Acq: 28 Jun 2023 01:56

Instrument :

BNA_P

ClientSampleId :

SLCS469

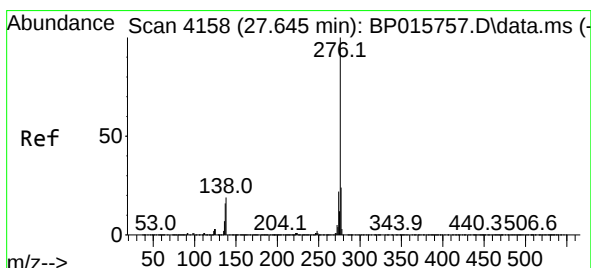
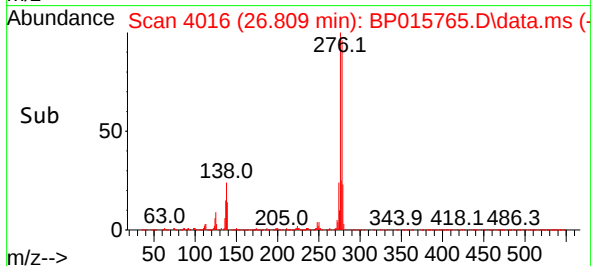
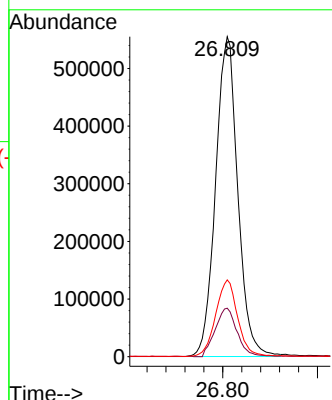
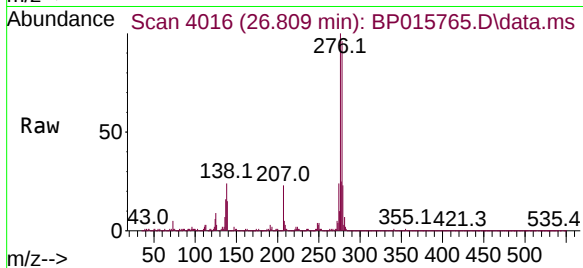
Tgt Ion:278 Resp: 1803275

Ion Ratio Lower Upper

278 100

139 15.2 10.5 15.7

279 24.0 18.4 27.6



#96

Benzo(g,h,i)perylene

Concen: 37.160 ng/ul

RT: 27.639 min Scan# 4157

Delta R.T. -0.018 min

Lab File: BP015765.D

Acq: 28 Jun 2023 01:56

Tgt Ion:276 Resp: 1792106

Ion Ratio Lower Upper

276 100

138 21.0 15.1 22.7

277 24.0 18.8 28.2

