

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
 Data File : BM037956.D
 Acq On : 11 Dec 2022 04:47
 Operator : CG/JU
 Sample : PB149493BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS493

Quant Time: Dec 11 21:31:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 09 21:34:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	186782	20.000	ng/u1	0.00
20) Naphthalene-d8	10.898	136	811736	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.704	164	514258	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.445	188	980345	20.000	ng/u1	0.00
79) Chrysene-d12	21.615	240	731444	20.000	ng/u1	0.00
88) Perylene-d12	24.097	264	767909	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.416	96	22970	5.584	ng/uL	0.00
4) Pyridine-d5	3.852	84	333663	27.342	ng/u1	0.00
7) Phenol-d5	7.234	99	478796	31.545	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.398	67	282159	30.529	ng/u1	0.00
11) 2-Chlorophenol-d4	7.604	132	411773	33.071	ng/u1	0.00
15) 4-Methylphenol-d8	8.792	113	389183	32.849	ng/u1	0.00
21) Nitrobenzene-d5	9.251	128	209726	32.632	ng/u1	0.00
24) 2-Nitrophenol-d4	9.975	143	228860	33.980	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	437319	34.185	ng/u1	0.00
31) 4-Chloroaniline-d4	11.033	131	508832	28.814	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	1245172	33.963	ng/u1	0.00
49) Acenaphthylene-d8	14.404	160	1486032	33.164	ng/u1	0.00
54) 4-Nitrophenol-d4	14.904	143	177137	28.349	ng/u1	0.00
60) Fluorene-d10	15.698	176	1104753	33.822	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.815	200	159286	30.390	ng/u1	0.00
73) Anthracene-d10	17.545	188	1535772	33.566	ng/u1	0.00
81) Pyrene-d10	19.827	212	1506964	34.298	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.933	264	1352830	35.271	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.452	88	46240	10.715	ng/uL	92
5) Pyridine	3.875	79	336223	27.416	ng/u1	98
6) Benzaldehyde	7.210	77	220409	38.826	ng/u1	97
8) Phenol	7.263	94	476949	31.332	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.492	93	380995	30.480	ng/u1	98
12) 2-Chlorophenol	7.640	128	422674	33.193	ng/u1	100
13) 2-Methylphenol	8.522	108	373328	32.047	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.604	45	715762	31.711	ng/u1	98
16) Acetophenone	8.910	105	610310	32.753	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.898	70	298334	33.987	ng/u1	98
18) 4-Methylphenol	8.857	108	409664	32.508	ng/u1	99
19) Hexachloroethane	9.163	117	166927	32.790	ng/u1	99
22) Nitrobenzene	9.292	77	456482	33.009	ng/u1	99
23) Isophorone	9.822	82	820483	32.378	ng/u1	99
25) 2-Nitrophenol	10.010	139	239001	33.847	ng/u1	94
26) 2,4-Dimethylphenol	10.063	107	435471	31.891	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.304	93	525760	31.211	ng/u1	98
29) 2,4-Dichlorophenol	10.545	162	427677	34.074	ng/u1	99
30) Naphthalene	10.945	128	1413236	32.262	ng/u1	100
32) 4-Chloroaniline	11.057	127	440725	25.027	ng/u1	97
33) Hexachlorobutadiene	11.228	225	290615	35.197	ng/u1	98
34) Caprolactam	11.851	113	111118	34.513	ng/u1	96
35) 4-Chloro-3-methylphenol	12.175	107	403323	35.302	ng/u1	98
36) 2-Methylnaphthalene	12.545	142	973402	34.260	ng/u1	98

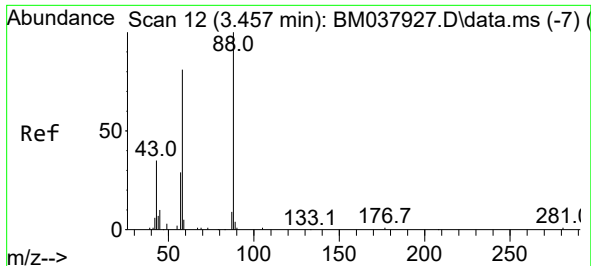
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.763	142	982906	33.832	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.910	216	554392	32.994	ng/ul	97
40) Hexachlorocyclopentadiene	12.886	237	165981	17.268	ng/ul	98
41) 2,4,6-Trichlorophenol	13.151	196	335915	32.820	ng/ul	97
42) 2,4,5-Trichlorophenol	13.222	196	356875	33.433	ng/ul	99
43) 1,1'-Biphenyl	13.545	154	1302319	31.505	ng/ul	100
44) 2-Chloronaphthalene	13.592	162	1023896	32.109	ng/ul	98
45) 2-Nitroaniline	13.798	65	267148	34.769	ng/ul	97
47) Dimethylphthalate	14.163	163	1225278	33.873	ng/ul	99
48) 2,6-Dinitrotoluene	14.286	165	244855	34.849	ng/ul	95
50) Acenaphthylene	14.433	152	1598196	32.437	ng/ul	99
51) 3-Nitroaniline	14.616	138	236567	33.746	ng/ul	99
52) Acenaphthene	14.768	153	1126037	33.041	ng/ul	99
53) 2,4-Dinitrophenol	14.821	184	93227	27.040	ng/ul	95
55) 4-Nitrophenol	14.916	109	131935	32.018	ng/ul	96
56) Dibenzofuran	15.104	168	1518465	32.635	ng/ul	99
57) 2,4-Dinitrotoluene	15.068	165	325994	34.260	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.327	232	300281	33.443	ng/ul	98
59) Diethylphthalate	15.515	149	1253818	34.794	ng/ul	100
61) Fluorene	15.751	166	1286823	33.913	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.739	204	644619	34.762	ng/ul	96
63) 4-Nitroaniline	15.774	138	230396	36.247	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.827	198	154079	30.366	ng/ul#	95
67) N-Nitrosodiphenylamine	15.951	169	1020444	34.507	ng/ul	99
68) 4-Bromophenyl-phenylether	16.633	248	374962	34.892	ng/ul	99
69) Hexachlorobenzene	16.751	284	453499	35.353	ng/ul	96
70) Atrazine	16.898	200	179385	17.751	ng/ul	99
71) Pentachlorophenol	17.092	266	213957	30.000	ng/ul	98
72) Phenanthrene	17.486	178	1787497	33.388	ng/ul	100
74) Anthracene	17.580	178	1810225	33.272	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.516	216	541970	34.196	ng/uL	98
76) Pentachlorobenzene	15.021	250	539301	34.351	ng/uL	99
77) Carbazole	17.851	167	1461245	31.000	ng/ul	99
78) Di-n-butylphthalate	18.398	149	2005104	35.787	ng/ul	99
80) Fluoranthene	19.492	202	1783233	34.389	ng/ul	100
82) Pyrene	19.856	202	1868817	34.628	ng/ul	99
83) Butylbenzylphthalate	20.739	149	688484	34.308	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.527	252	488527	33.752	ng/ul	97
85) Benzo(a)anthracene	21.597	228	1687222	34.263	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.509	149	958867	32.845	ng/ul	97
87) Chrysene	21.656	228	1555420	33.665	ng/ul	100
89) Di-n-octyl phthalate	22.456	149	1566435	31.835	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	1682555	35.342	ng/ul	100
91) Benzo(k)fluoranthene	23.386	252	1594019	34.548	ng/ul	99
93) Benzo(a)pyrene	23.985	252	1450928	34.658	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.691	276	1632721	30.282	ng/ul	98
95) Dibenzo(a,h)anthracene	26.709	278	1487637	32.729	ng/ul	96
96) Benzo(g,h,i)perylene	27.491	276	1310328	30.439	ng/ul	97

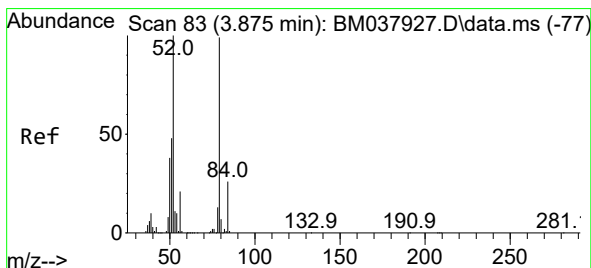
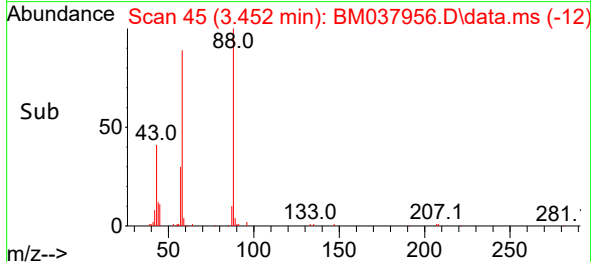
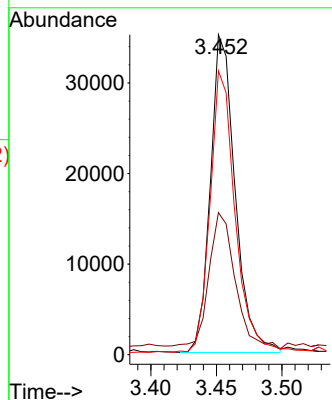
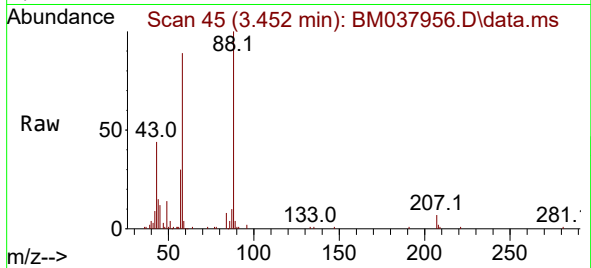
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#2
1,4-Dioxane
Concen: 10.715 ng/uL
RT: 3.452 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM037956.D
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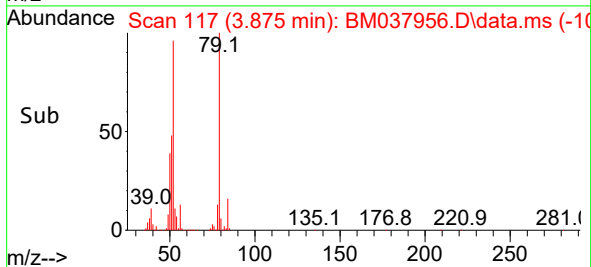
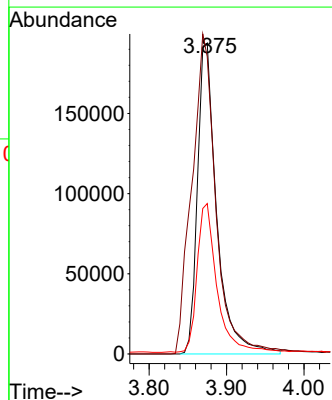
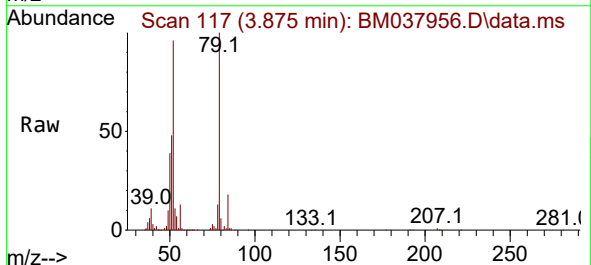
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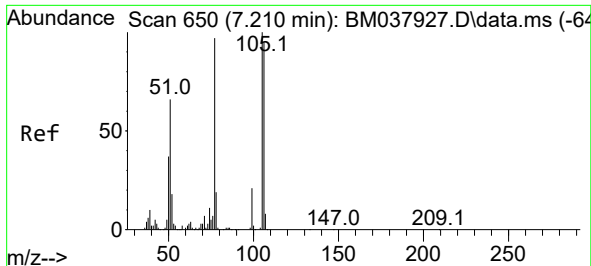
Tgt Ion: 88 Resp: 46240
Ion Ratio Lower Upper
88 100
43 44.4 32.8 49.2
58 88.7 64.6 97.0



#5
Pyridine
Concen: 27.416 ng/uL
RT: 3.875 min Scan# 117
Delta R.T. -0.000 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

Tgt Ion: 79 Resp: 336223
Ion Ratio Lower Upper
79 100
52 95.6 78.1 117.1
51 48.4 37.2 55.8

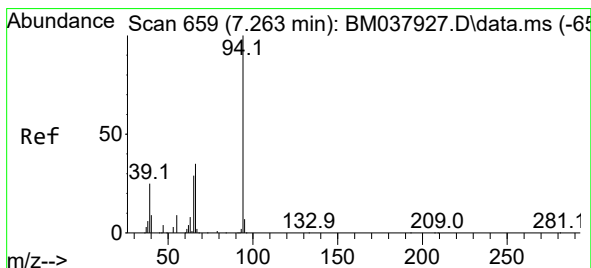
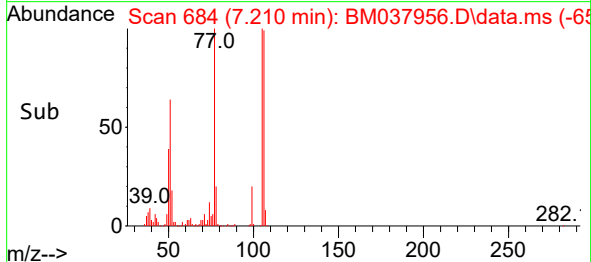
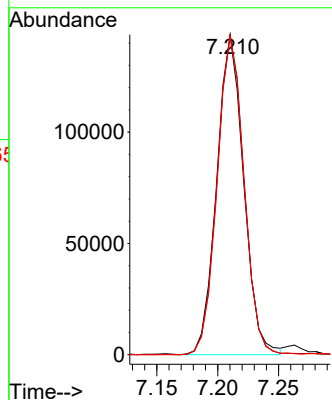
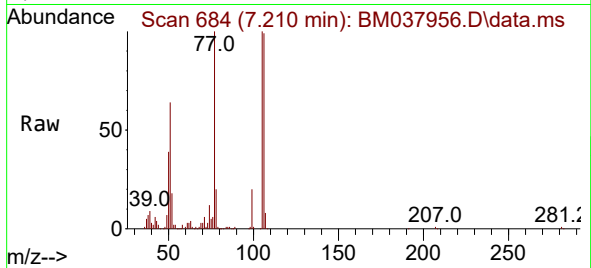




#6
Benzaldehyde
Concen: 38.826 ng/ul
RT: 7.210 min Scan# 610
Delta R.T. -0.006 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

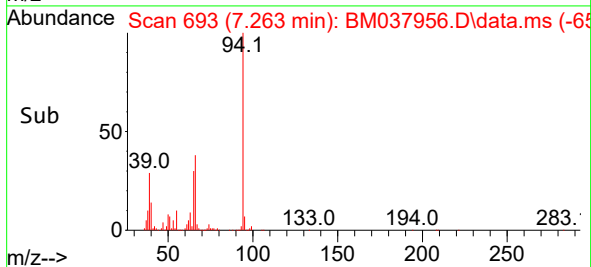
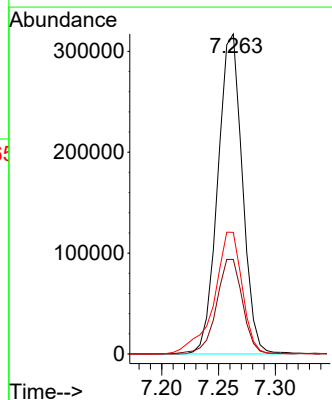
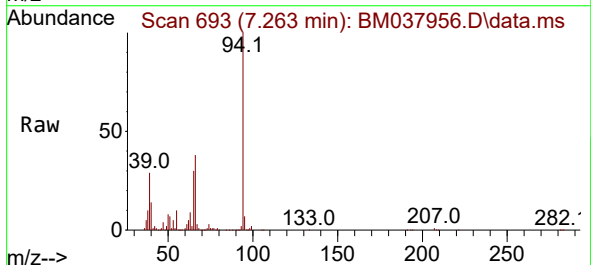
Instrument :
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ClientSampleId :
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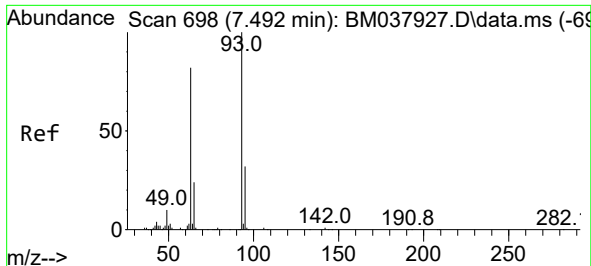
Tgt Ion: 77 Resp: 220409
Ion Ratio Lower Upper
77 100
105 100.2 82.5 123.7
106 99.7 81.8 122.6



#8
Phenol
Concen: 31.332 ng/ul
RT: 7.263 min Scan# 693
Delta R.T. -0.000 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

Tgt Ion: 94 Resp: 476949
Ion Ratio Lower Upper
94 100
65 29.6 22.2 33.4
66 38.0 27.3 40.9

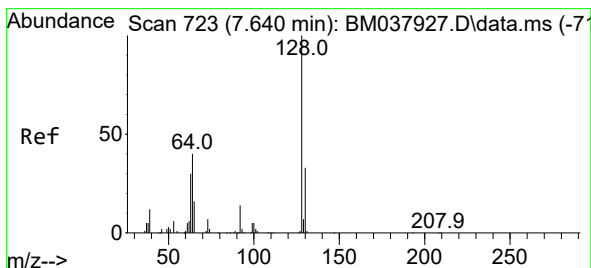
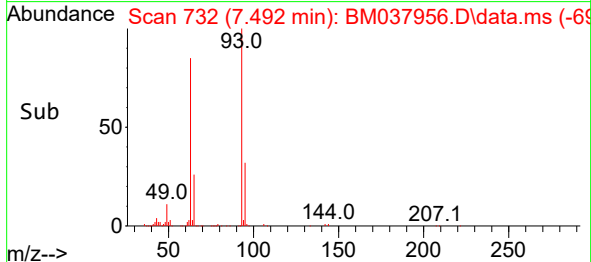
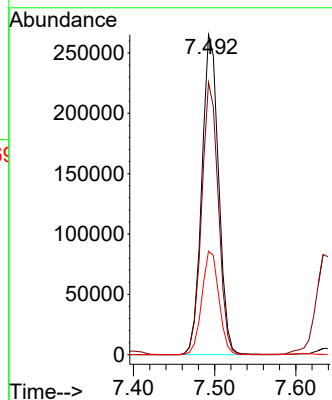
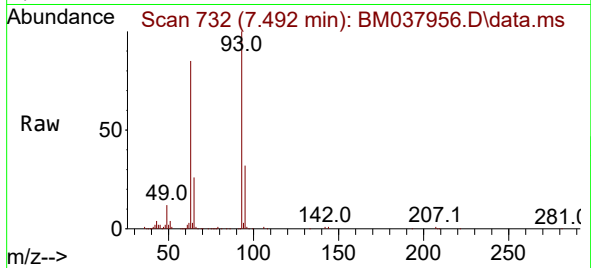




#10
Bis(2-Chloroethyl)ether
Concen: 30.480 ng/ul
RT: 7.492 min Scan# 710
Delta R.T. -0.006 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

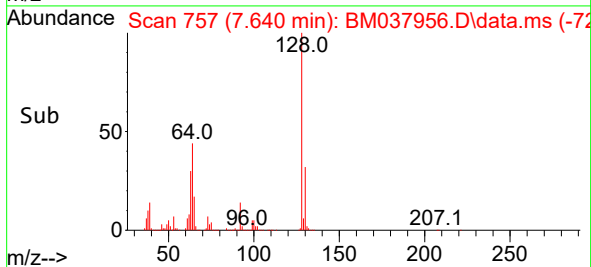
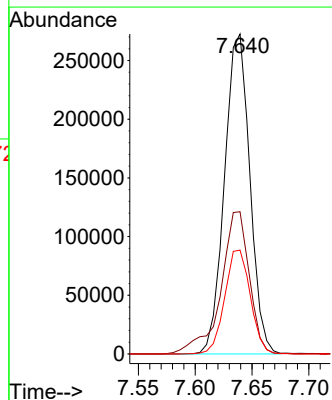
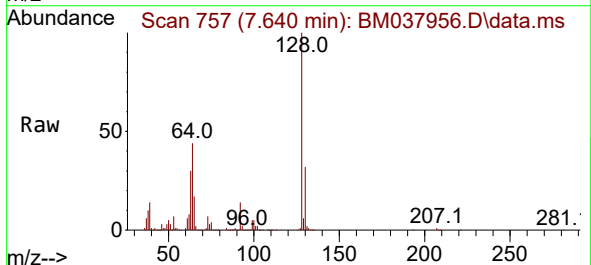
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ClientSampleId :
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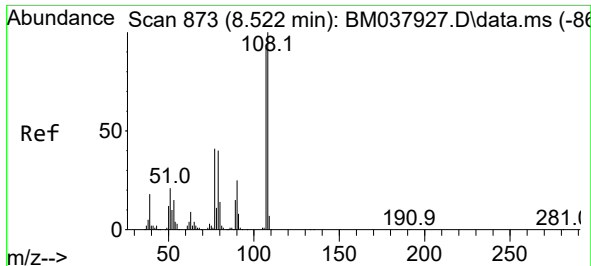
Tgt Ion: 93 Resp: 380995
Ion Ratio Lower Upper
93 100
63 85.1 66.3 99.5
95 32.3 25.7 38.5



#12
2-Chlorophenol
Concen: 33.193 ng/ul
RT: 7.640 min Scan# 757
Delta R.T. -0.000 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

Tgt Ion:128 Resp: 422674
Ion Ratio Lower Upper
128 100
64 44.4 35.2 52.8
130 32.5 25.9 38.9





#13

2-Methylphenol

Concen: 32.047 ng/ul

RT: 8.522 min Scan# 90

Delta R.T. -0.006 min

Lab File: BM037956.D

Acq: 11 Dec 2022 04:47

Instrument :

BNA_M

ClientSampleId :

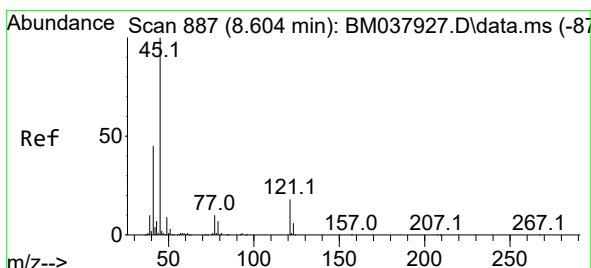
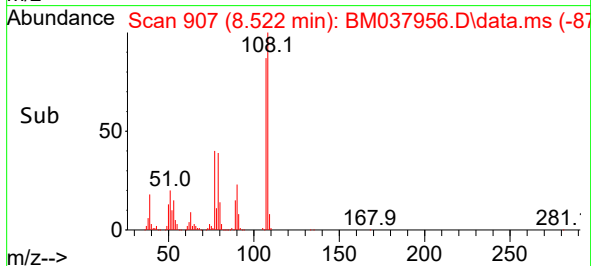
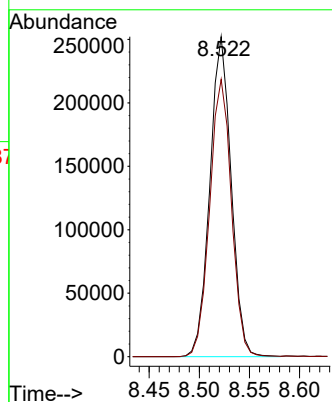
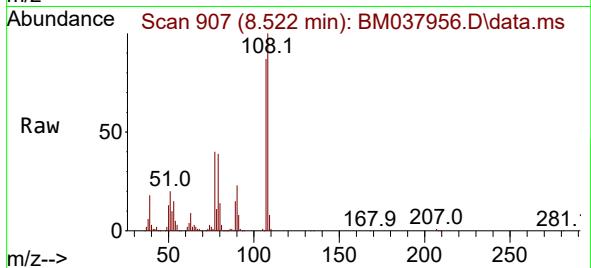
SLCS493

Tgt Ion:108 Resp: 373328

Ion Ratio Lower Upper

108 100

107 86.6 71.9 107.9



#14

2,2'-oxybis(1-Chloropropane)

Concen: 31.711 ng/ul

RT: 8.604 min Scan# 921

Delta R.T. -0.012 min

Lab File: BM037956.D

Acq: 11 Dec 2022 04:47

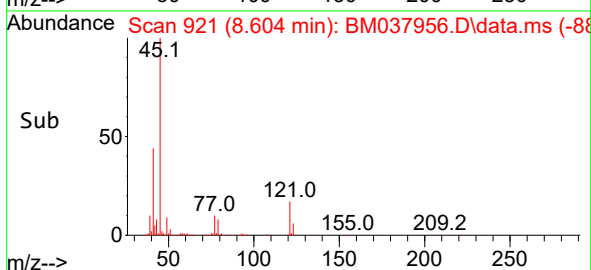
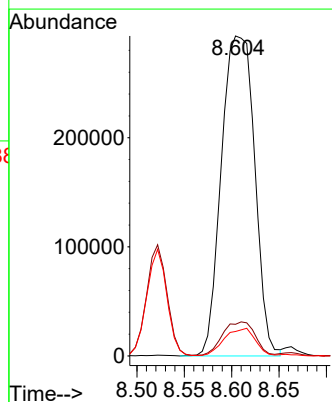
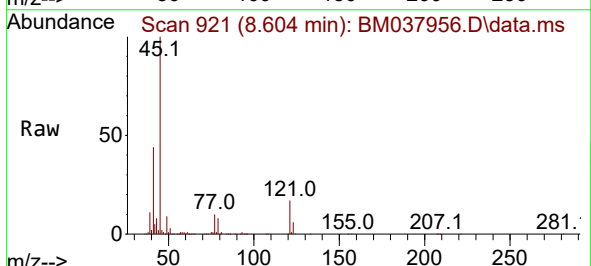
Tgt Ion: 45 Resp: 715762

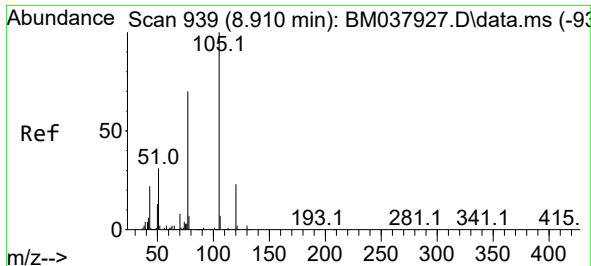
Ion Ratio Lower Upper

45 100

77 9.9 9.0 13.4

79 7.6 6.2 9.4

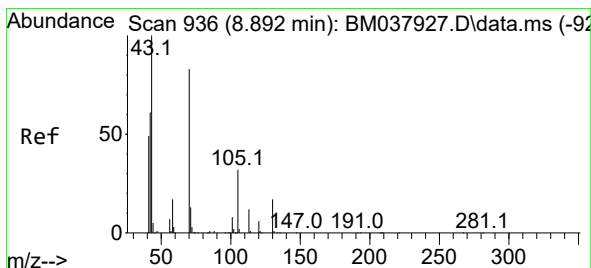
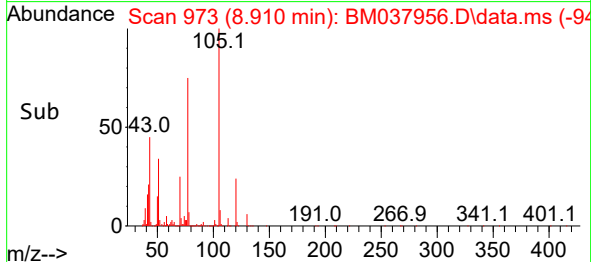
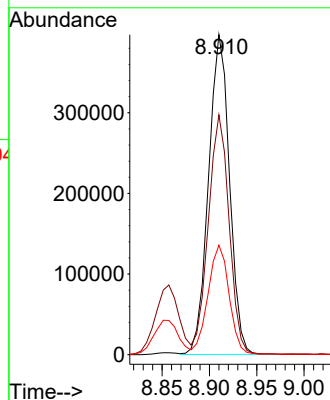
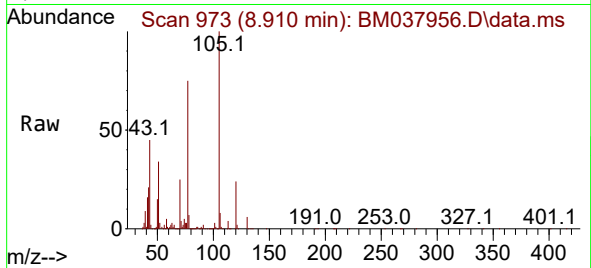




#16
Acetophenone
Concen: 32.753 ng/ul
RT: 8.910 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM037956.D
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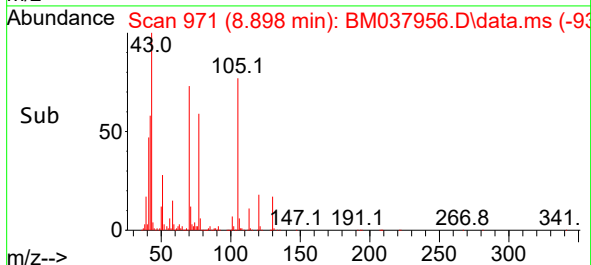
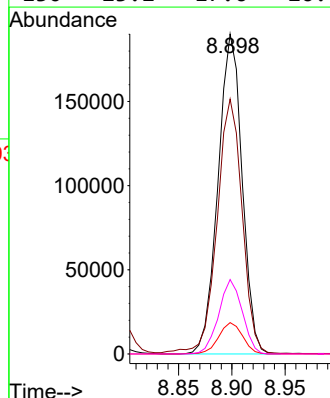
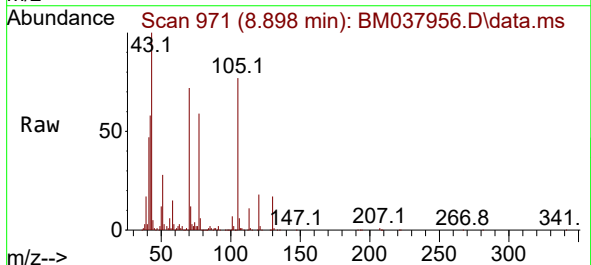
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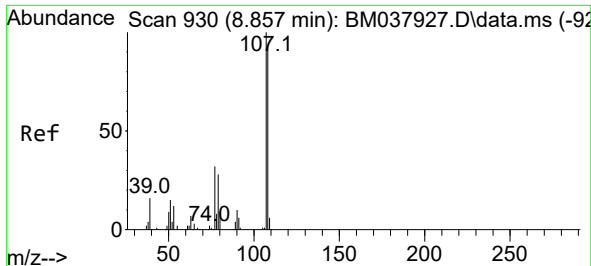
Tgt Ion:105 Resp: 610310
Ion Ratio Lower Upper
105 100
77 75.0 59.7 89.5
51 34.2 27.2 40.8



#17
N-Nitroso-di-n-propylamine
Concen: 33.987 ng/ul
RT: 8.898 min Scan# 971
Delta R.T. -0.000 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

Tgt Ion: 70 Resp: 298334
Ion Ratio Lower Upper
70 100
42 79.7 62.3 93.5
101 9.8 8.0 12.0
130 23.2 17.6 26.4

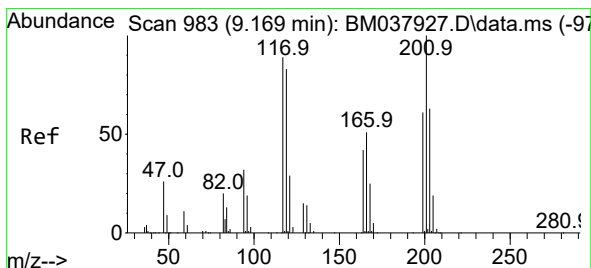
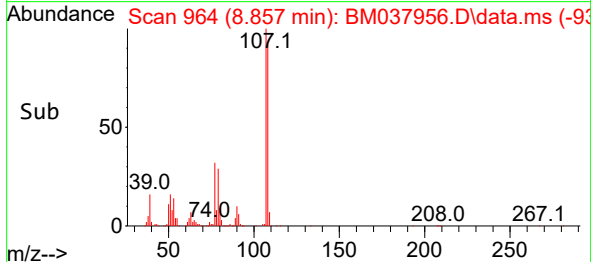
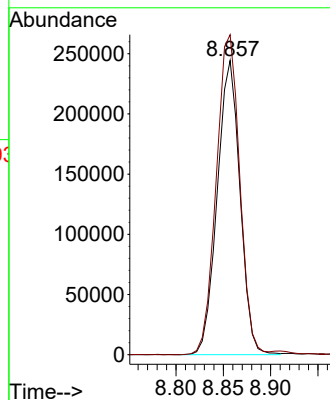
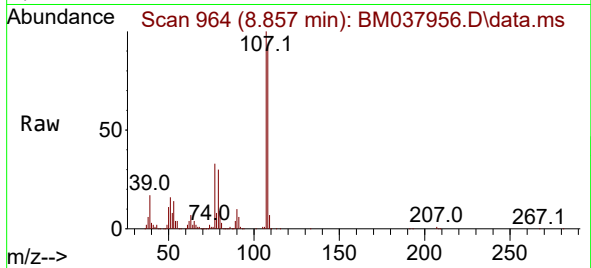




#18
4-Methylphenol
Concen: 32.508 ng/ul
RT: 8.857 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

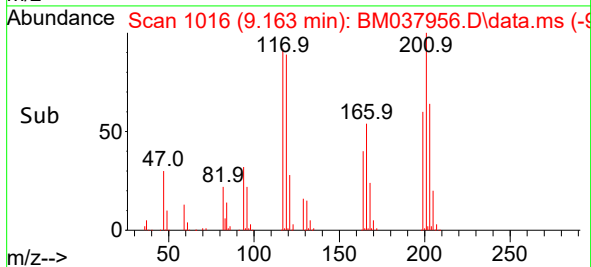
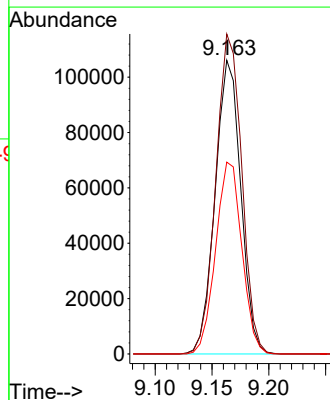
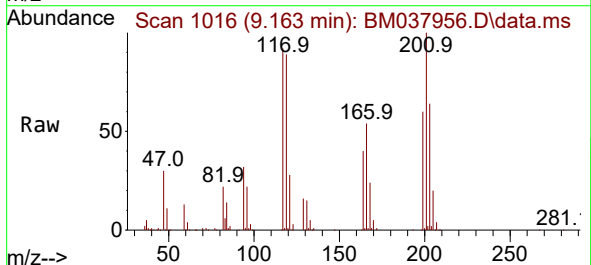
Instrument :
BNA_M
ClientSampleId :
SLCS493

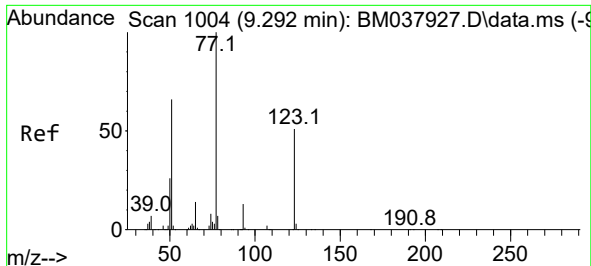
Tgt Ion:108 Resp: 409664
Ion Ratio Lower Upper
108 100
107 108.8 88.1 132.1



#19
Hexachloroethane
Concen: 32.790 ng/ul
RT: 9.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

Tgt Ion:117 Resp: 166927
Ion Ratio Lower Upper
117 100
201 108.9 87.3 130.9
199 65.3 50.9 76.3

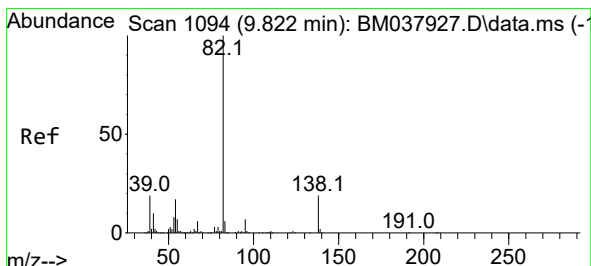
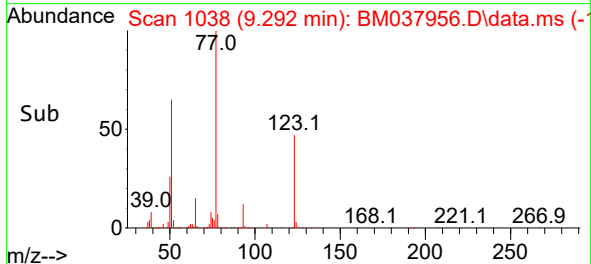
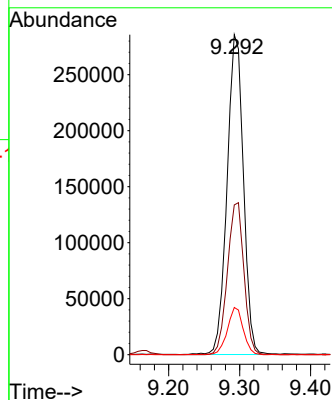
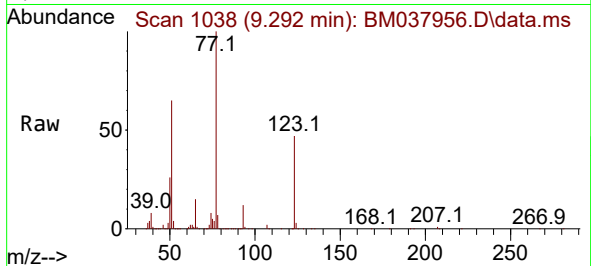




#22
Nitrobenzene
Concen: 33.009 ng/ul
RT: 9.292 min Scan# 1104
Delta R.T. -0.006 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

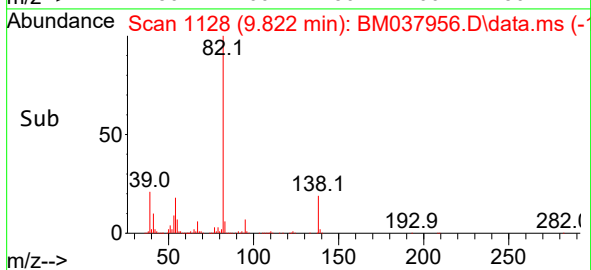
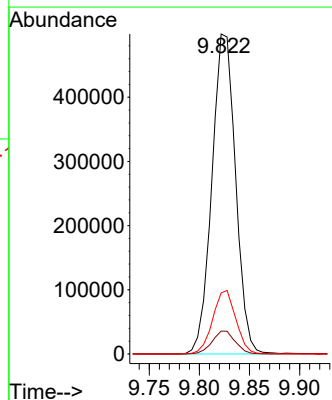
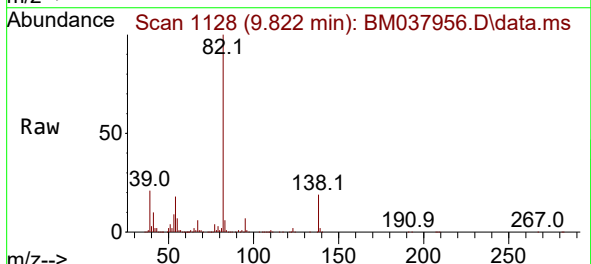
Instrument :
BNA_M
ClientSampleId :
SLCS493

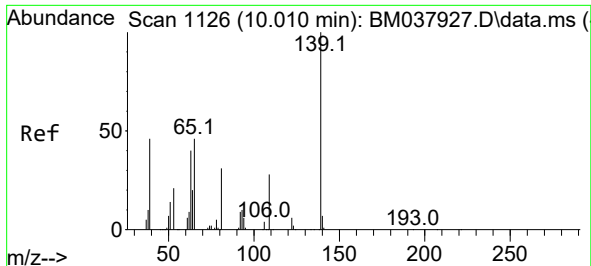
Tgt Ion: 77 Resp: 456482
Ion Ratio Lower Upper
77 100
123 46.8 37.8 56.6
65 14.7 11.1 16.7



#23
Isophorone
Concen: 32.378 ng/ul
RT: 9.822 min Scan# 1128
Delta R.T. -0.006 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

Tgt Ion: 82 Resp: 820483
Ion Ratio Lower Upper
82 100
95 7.2 5.2 7.8
138 19.0 14.9 22.3

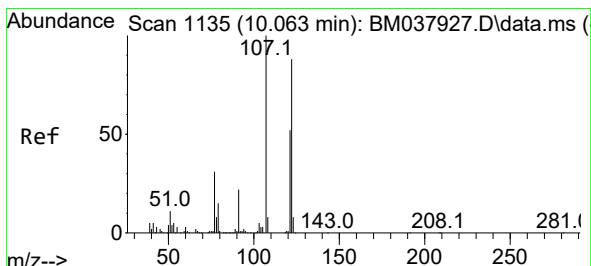
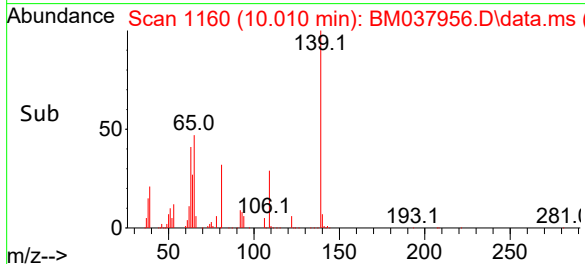
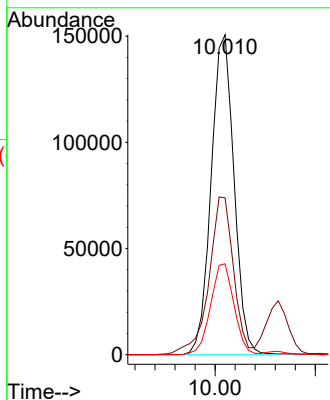
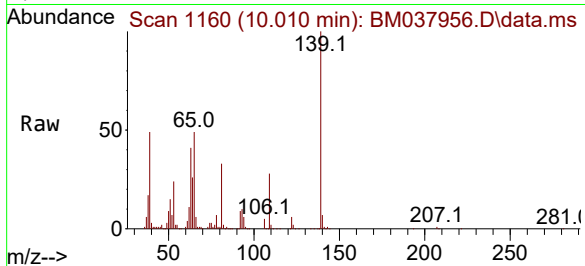




#25
2-Nitrophenol
Concen: 33.847 ng/ul
RT: 10.010 min Scan# 1126
Delta R.T. -0.000 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

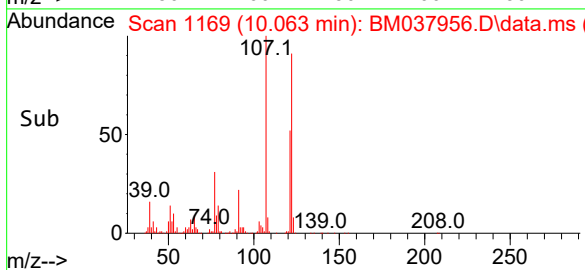
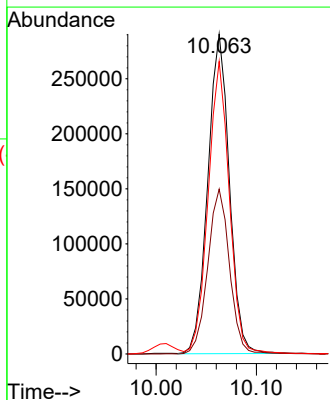
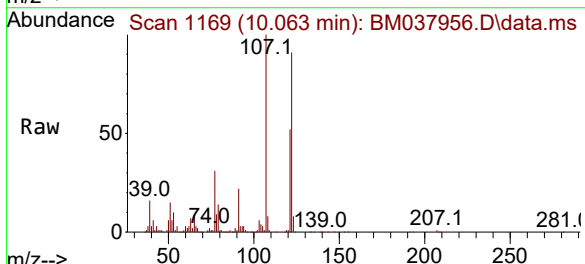
Instrument :
BNA_M
ClientSampleId :
SLCS493

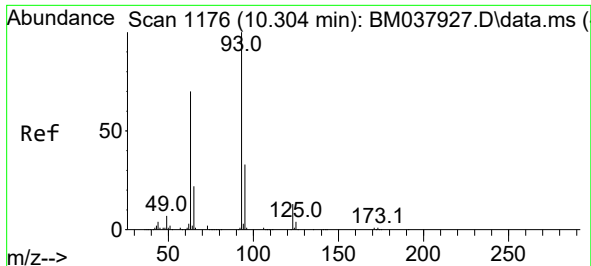
Tgt Ion:139 Resp: 239001
Ion Ratio Lower Upper
139 100
65 49.0 36.2 54.4
109 28.4 19.7 29.5



#26
2,4-Dimethylphenol
Concen: 31.891 ng/ul
RT: 10.063 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

Tgt Ion:107 Resp: 435471
Ion Ratio Lower Upper
107 100
121 51.5 42.0 63.0
122 91.4 71.4 107.2





#27

Bis(2-Chloroethoxy)methane

Concen: 31.211 ng/ul

RT: 10.304 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BM037956.D

Acq: 11 Dec 2022 04:47

Instrument :

BNA_M

ClientSampleId :

SLCS493

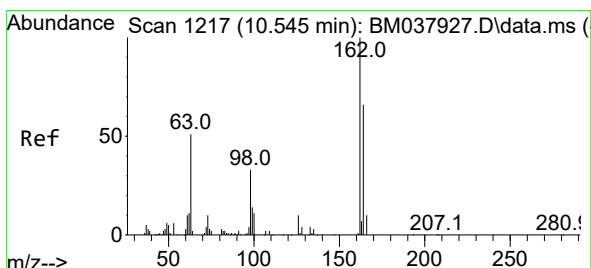
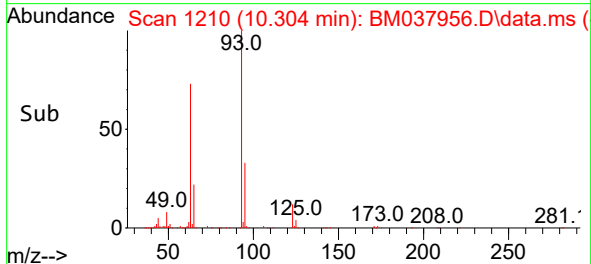
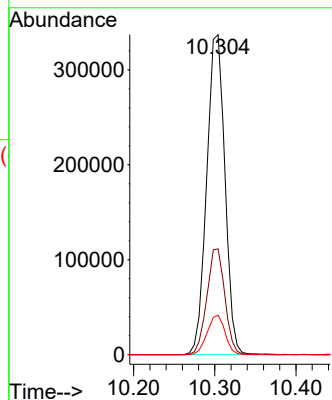
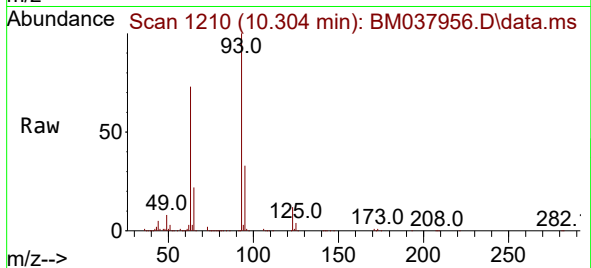
Tgt Ion: 93 Resp: 525760

Ion Ratio Lower Upper

93 100

95 33.0 25.5 38.3

123 12.3 9.4 14.2



#29

2,4-Dichlorophenol

Concen: 34.074 ng/ul

RT: 10.545 min Scan# 1251

Delta R.T. -0.000 min

Lab File: BM037956.D

Acq: 11 Dec 2022 04:47

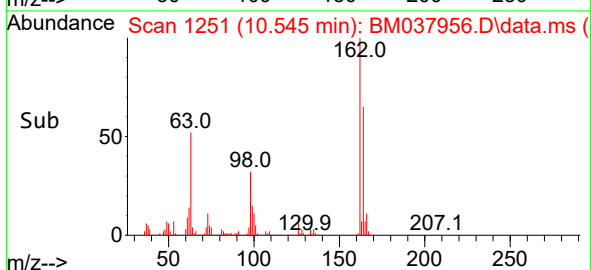
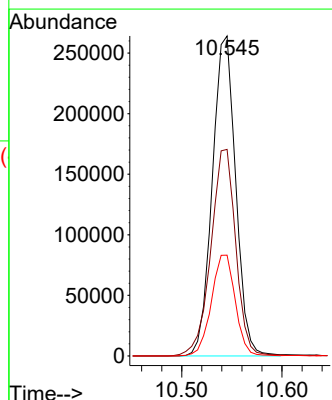
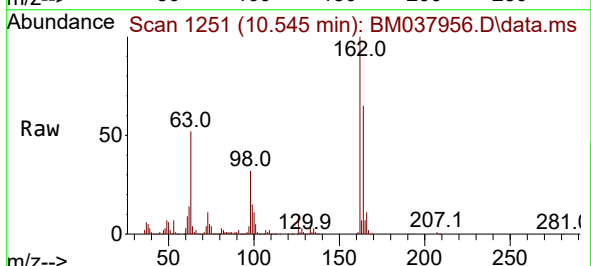
Tgt Ion:162 Resp: 427677

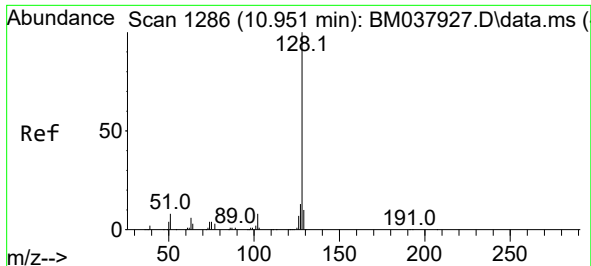
Ion Ratio Lower Upper

162 100

164 64.6 51.4 77.2

98 31.5 26.1 39.1

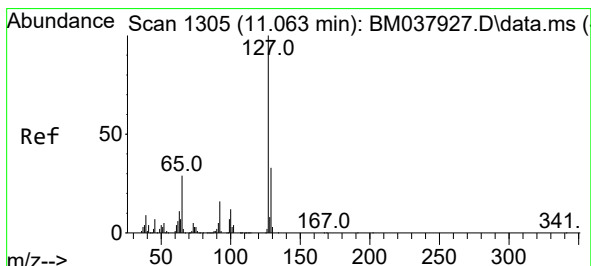
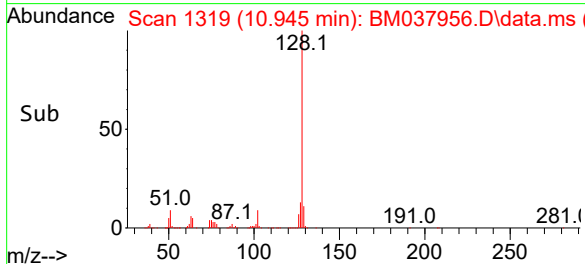
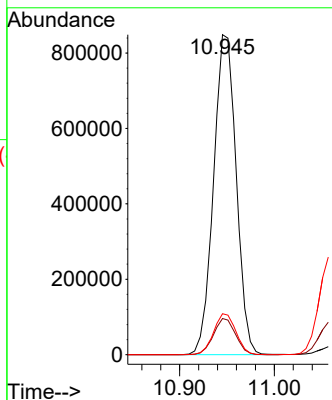
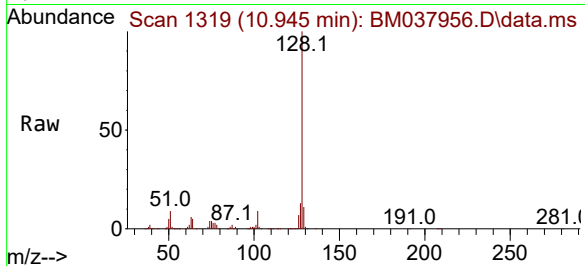




#30
Naphthalene
Concen: 32.262 ng/ul
RT: 10.945 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

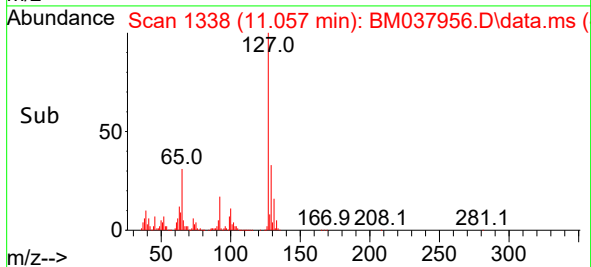
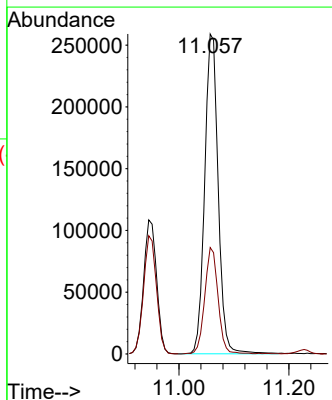
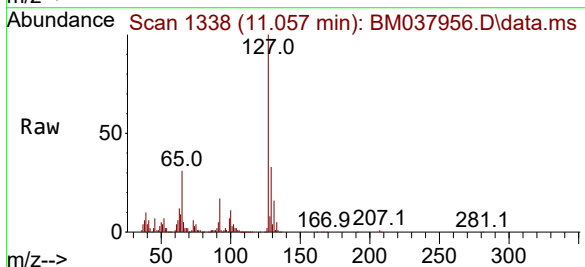
Instrument :
BNA_M
ClientSampleId :
SLCS493

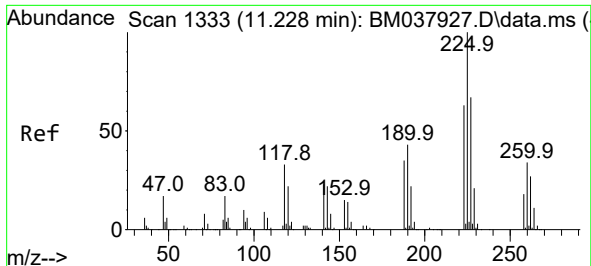
Tgt Ion:128 Resp: 1413236
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 12.8 10.4 15.6



#32
4-Chloroaniline
Concen: 25.027 ng/ul
RT: 11.057 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

Tgt Ion:127 Resp: 440725
Ion Ratio Lower Upper
127 100
129 33.3 25.3 37.9

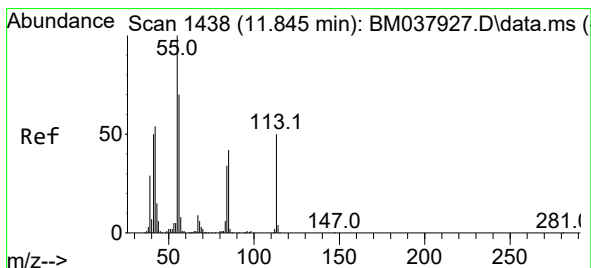
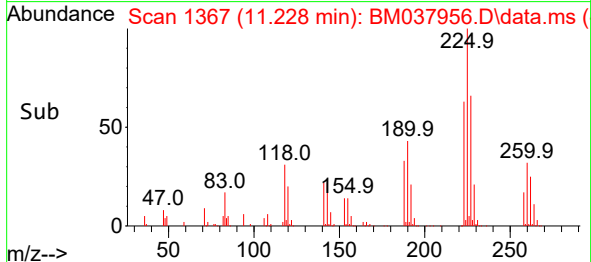
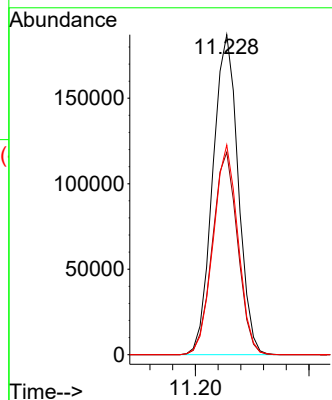
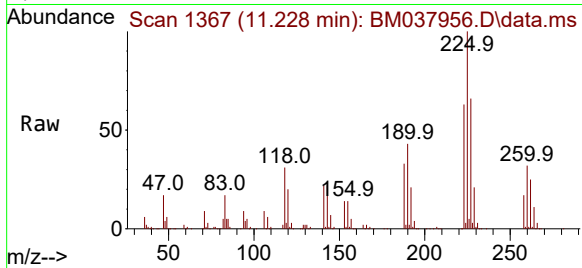




#33
Hexachlorobutadiene
Concen: 35.197 ng/ul
RT: 11.228 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

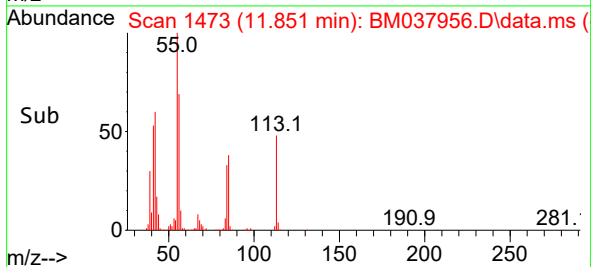
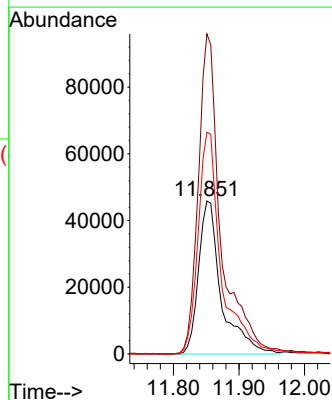
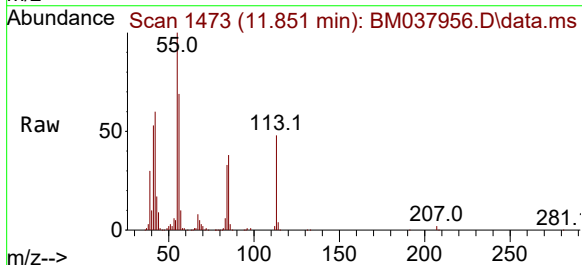
Instrument :
BNA_M
ClientSampleId :
SLCS493

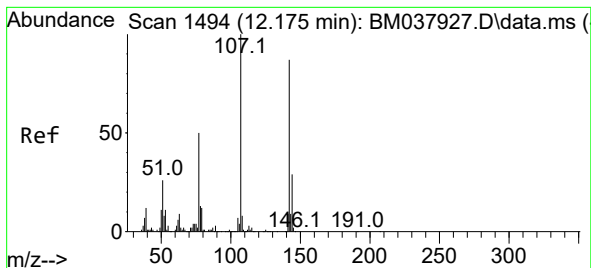
Tgt Ion:225 Resp: 290615
Ion Ratio Lower Upper
225 100
223 63.3 50.8 76.2
227 65.5 50.5 75.7



#34
Caprolactam
Concen: 34.513 ng/ul
RT: 11.851 min Scan# 1473
Delta R.T. -0.000 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

Tgt Ion:113 Resp: 111118
Ion Ratio Lower Upper
113 100
55 209.1 172.2 258.2
56 145.0 120.7 181.1

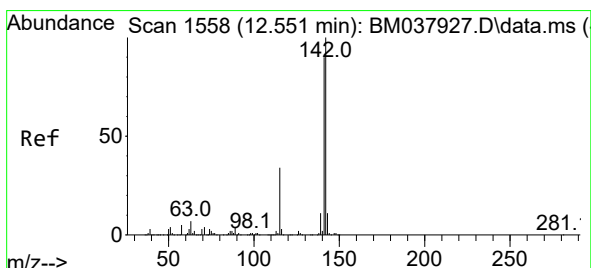
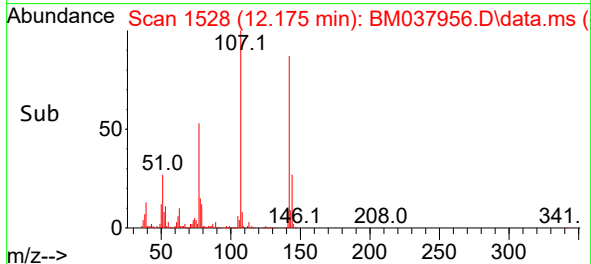
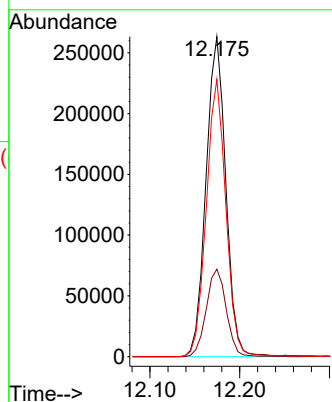
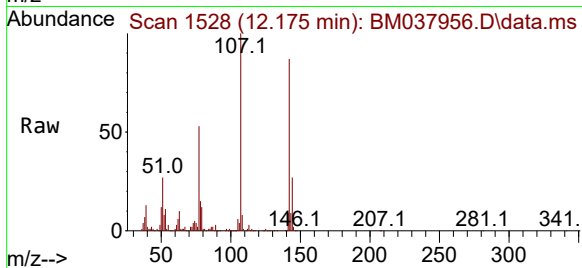




#35
4-Chloro-3-methylphenol
Concen: 35.302 ng/ul
RT: 12.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

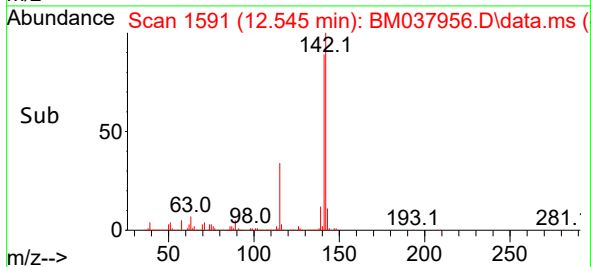
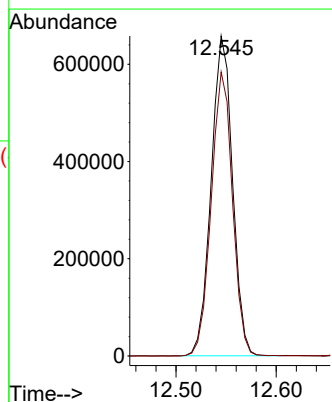
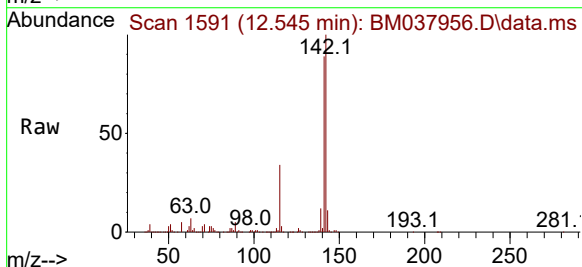
Instrument :
BNA_M
ClientSampleId :
SLCS493

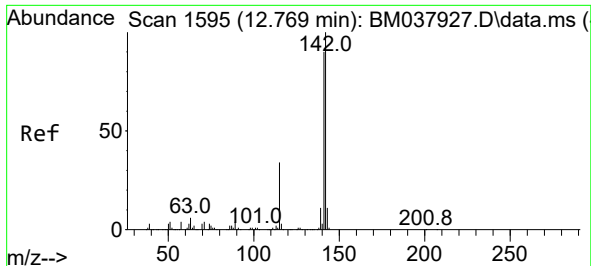
Tgt Ion:107 Resp: 403323
Ion Ratio Lower Upper
107 100
144 27.4 23.4 35.0
142 86.7 71.0 106.4



#36
2-Methylnaphthalene
Concen: 34.260 ng/ul
RT: 12.545 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

Tgt Ion:142 Resp: 973402
Ion Ratio Lower Upper
142 100
141 88.7 69.4 104.0





#37

1-Methylnaphthalene

Concen: 33.832 ng/ul

RT: 12.763 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM037956.D

Acq: 11 Dec 2022 04:47

Instrument :

BNA_M

ClientSampleId :

SLCS493

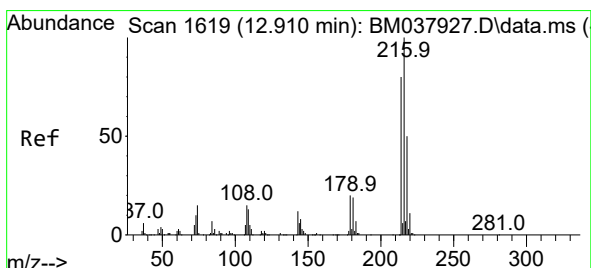
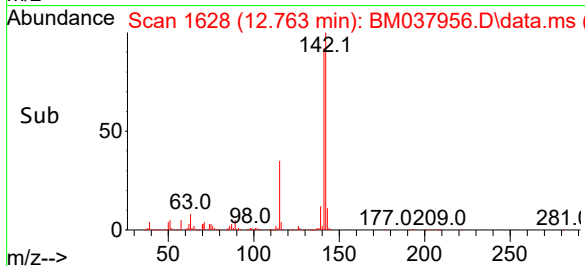
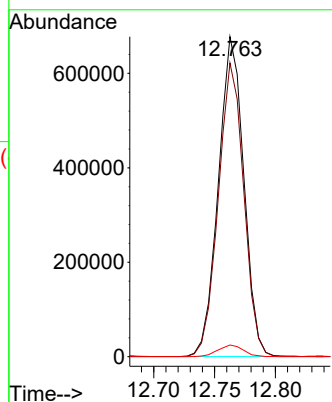
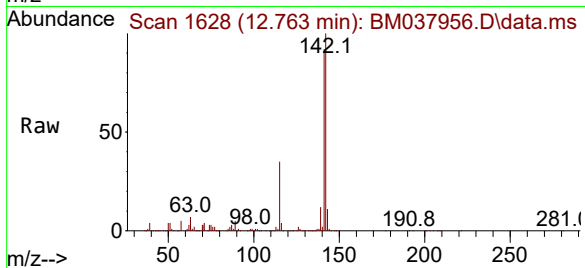
Tgt Ion:142 Resp: 982906

Ion Ratio Lower Upper

142 100

141 91.8 72.4 108.6

116 3.6 2.9 4.3



#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.994 ng/ul

RT: 12.910 min Scan# 1653

Delta R.T. -0.006 min

Lab File: BM037956.D

Acq: 11 Dec 2022 04:47

Tgt Ion:216 Resp: 554392

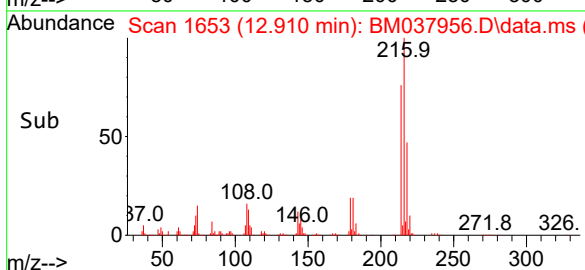
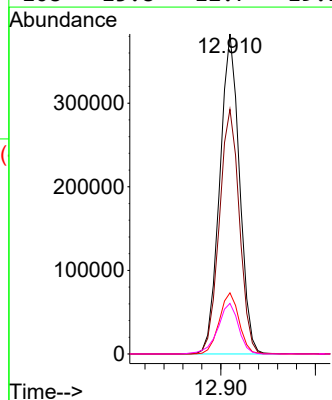
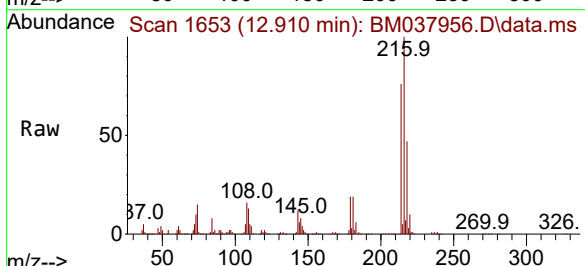
Ion Ratio Lower Upper

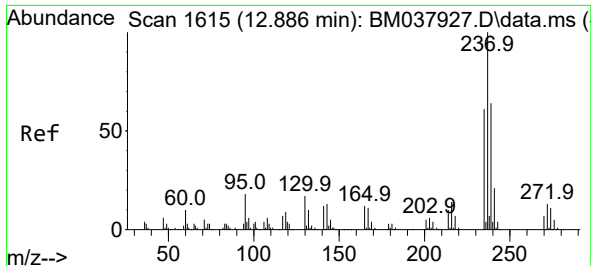
216 100

214 76.5 64.2 96.4

179 19.1 15.4 23.2

108 15.8 12.7 19.1

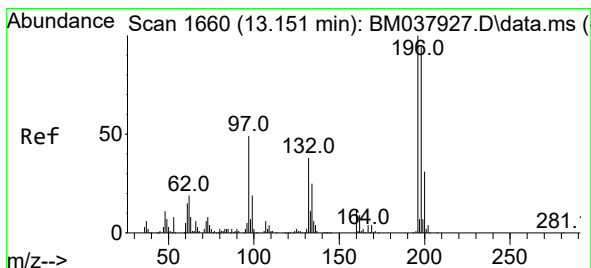
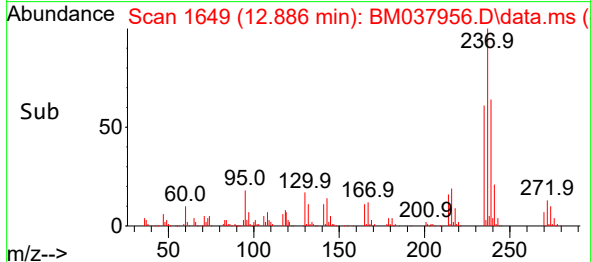
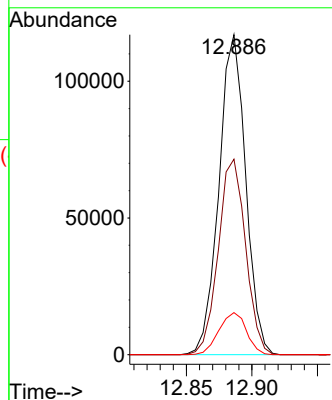
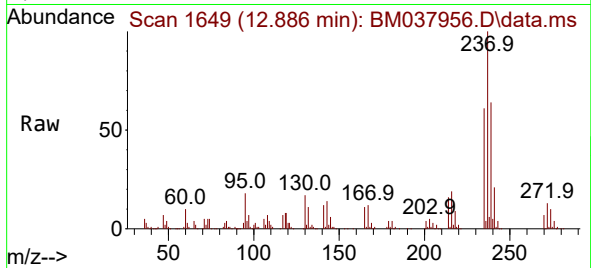




#40
Hexachlorocyclopentadiene
Concen: 17.268 ng/ul
RT: 12.886 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

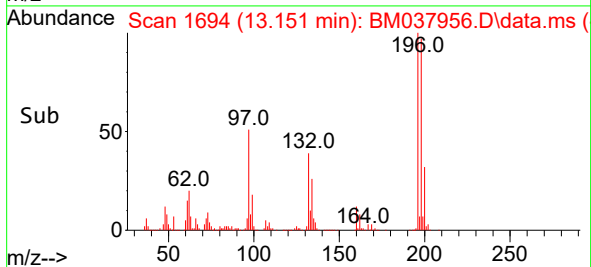
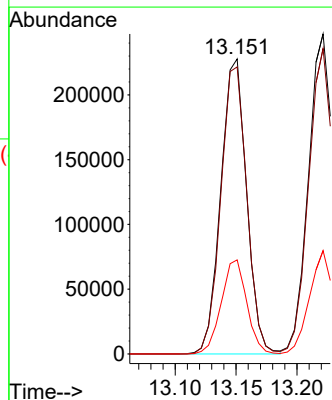
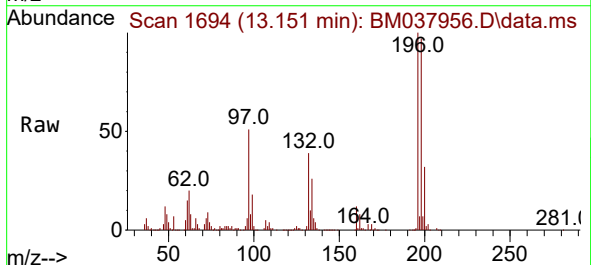
Instrument :
BNA_M
ClientSampleId :
SLCS493

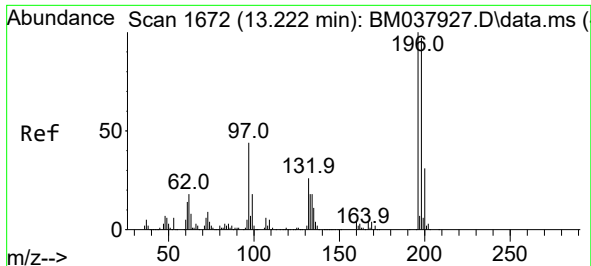
Tgt Ion:237 Resp: 165981
Ion Ratio Lower Upper
237 100
235 61.1 50.4 75.6
272 13.2 10.6 16.0



#41
2,4,6-Trichlorophenol
Concen: 32.820 ng/ul
RT: 13.151 min Scan# 1694
Delta R.T. -0.000 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

Tgt Ion:196 Resp: 335915
Ion Ratio Lower Upper
196 100
198 97.3 75.0 112.6
200 31.9 24.5 36.7

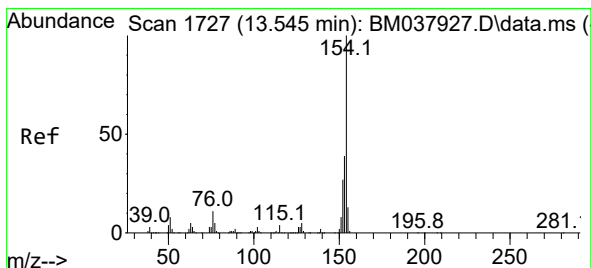
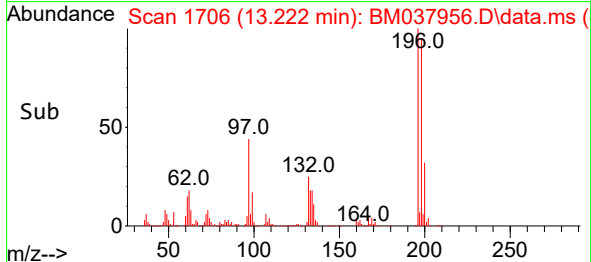
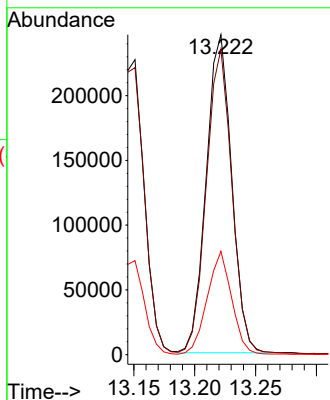
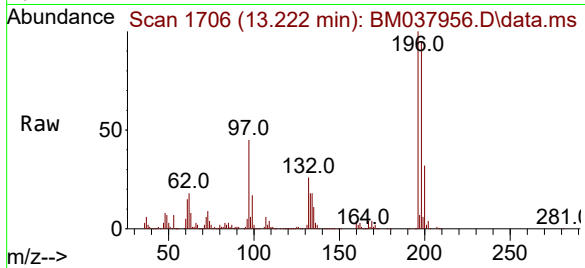




#42
2,4,5-Trichlorophenol
Concen: 33.433 ng/ul
RT: 13.222 min Scan# 1761
Delta R.T. -0.000 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

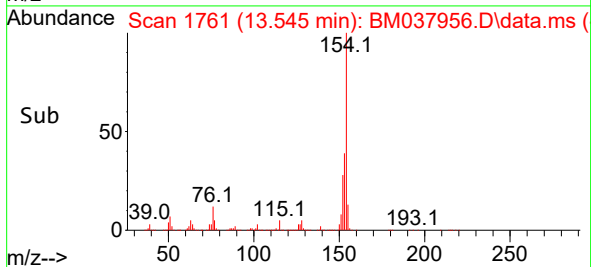
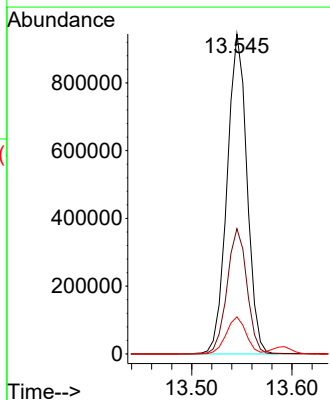
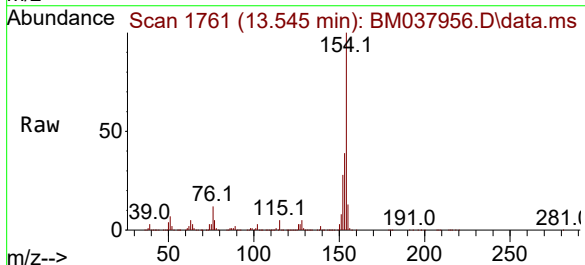
Instrument :
BNA_M
ClientSampleId :
SLCS493

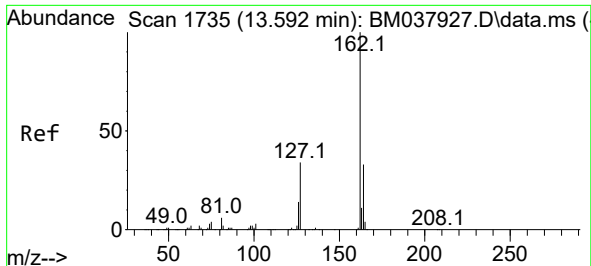
Tgt Ion:196 Resp: 356875
Ion Ratio Lower Upper
196 100
198 95.5 76.5 114.7
200 32.3 24.9 37.3



#43
1,1'-Biphenyl
Concen: 31.505 ng/ul
RT: 13.545 min Scan# 1761
Delta R.T. -0.006 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

Tgt Ion:154 Resp: 1302319
Ion Ratio Lower Upper
154 100
153 39.2 31.2 46.8
76 11.6 9.3 13.9

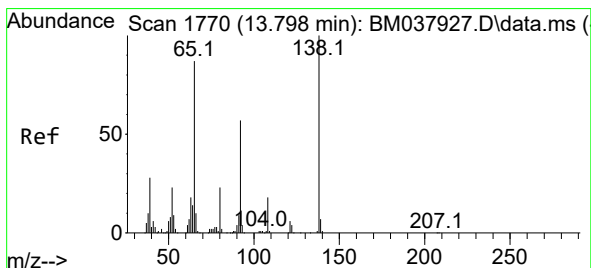
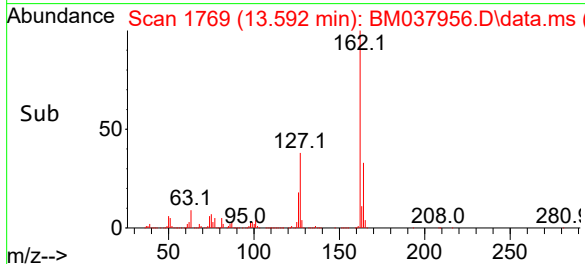
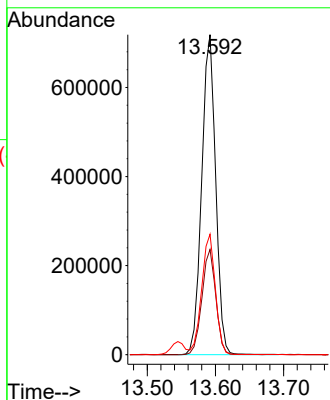
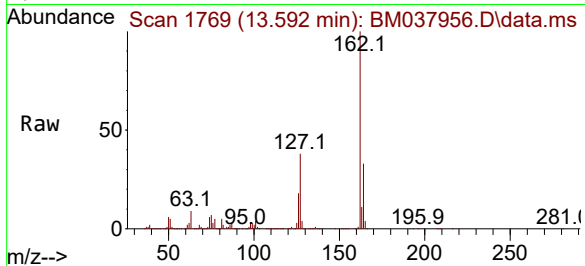




#44
2-Chloronaphthalene
Concen: 32.109 ng/ul
RT: 13.592 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

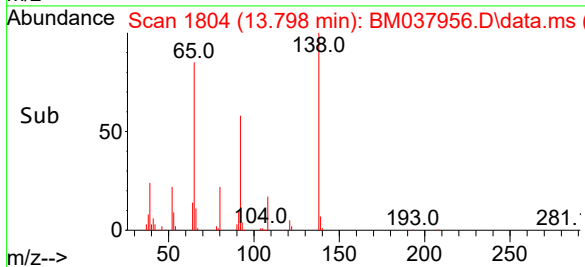
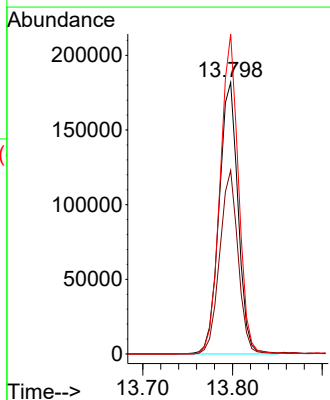
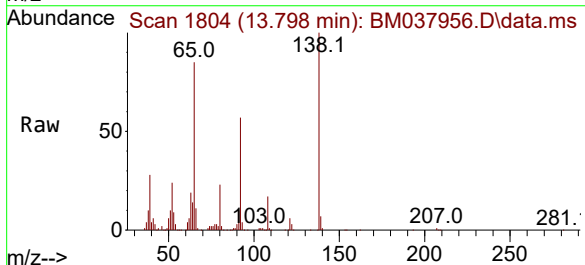
Instrument :
BNA_M
ClientSampleId :
SLCS493

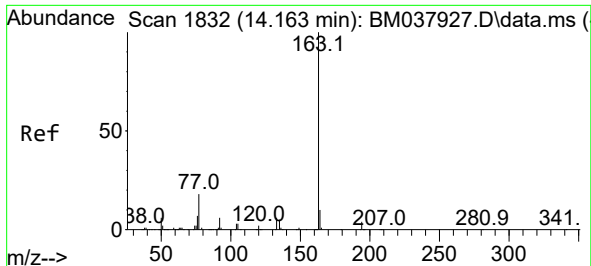
Tgt Ion:162 Resp: 1023896
Ion Ratio Lower Upper
162 100
164 32.9 27.3 40.9
127 37.6 29.4 44.0



#45
2-Nitroaniline
Concen: 34.769 ng/ul
RT: 13.798 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

Tgt Ion: 65 Resp: 267148
Ion Ratio Lower Upper
65 100
92 67.6 53.5 80.3
138 117.8 91.3 136.9

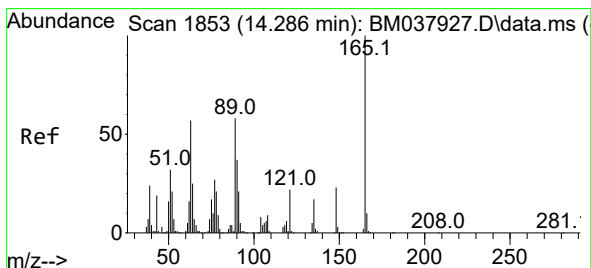
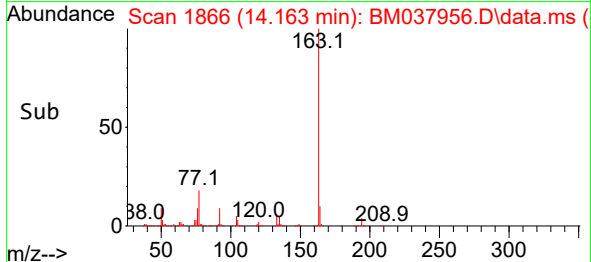
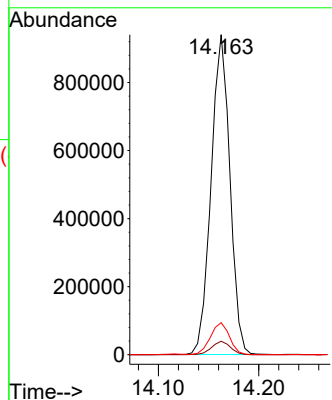
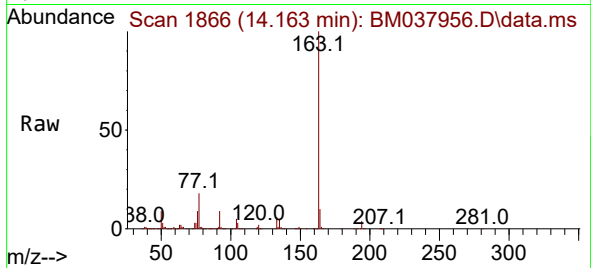




#47
Dimethylphthalate
Concen: 33.873 ng/ul
RT: 14.163 min Scan# 1832
Delta R.T. -0.006 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

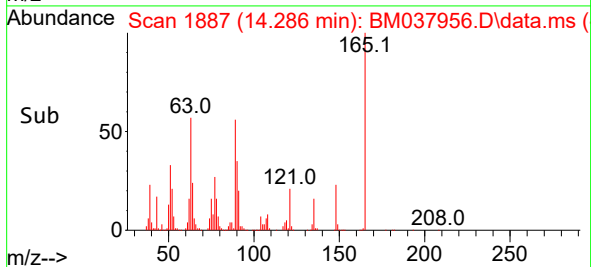
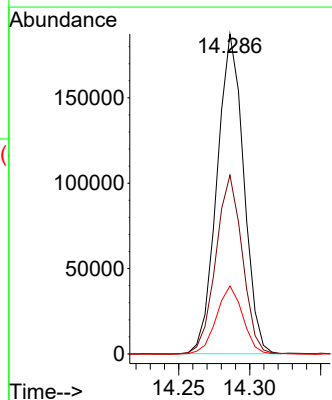
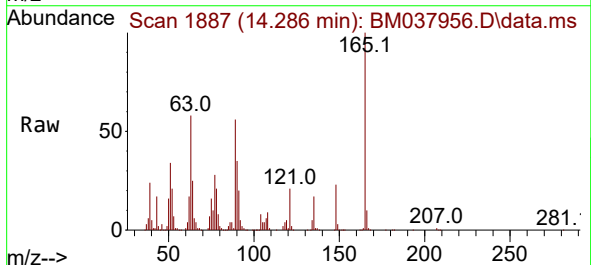
Instrument :
BNA_M
ClientSampleId :
SLCS493

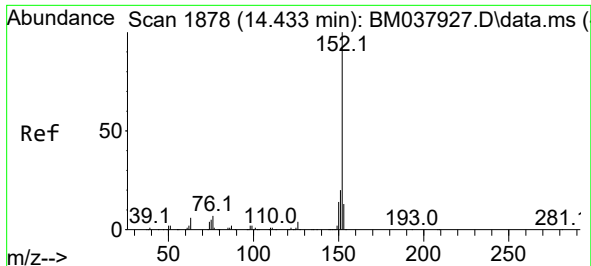
Tgt Ion:163 Resp: 1225278
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 10.0 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 34.849 ng/ul
RT: 14.286 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

Tgt Ion:165 Resp: 244855
Ion Ratio Lower Upper
165 100
89 55.9 41.1 61.7
121 21.3 17.4 26.2

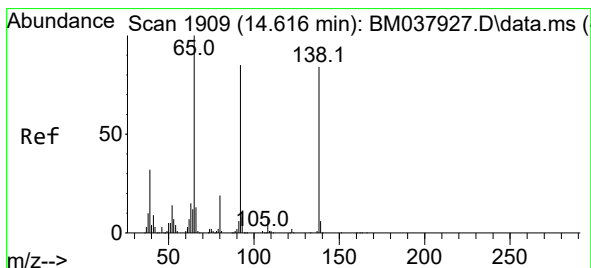
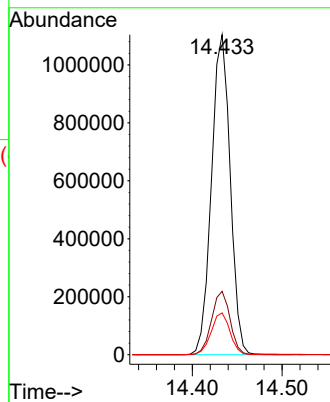
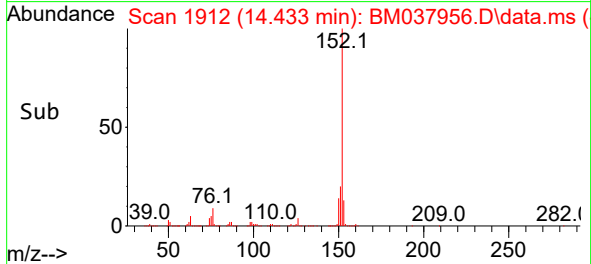
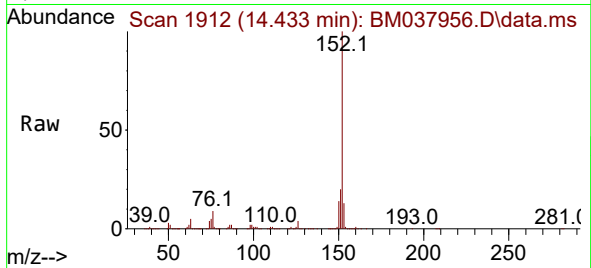




#50
Acenaphthylene
Concen: 32.437 ng/ul
RT: 14.433 min Scan# 1878
Delta R.T. -0.006 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

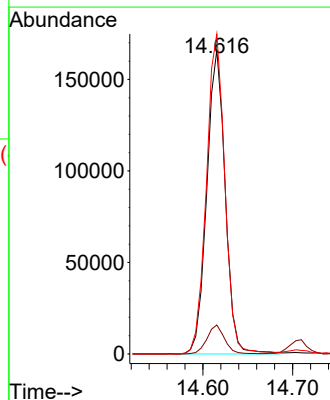
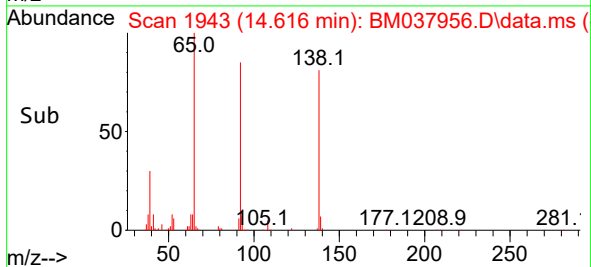
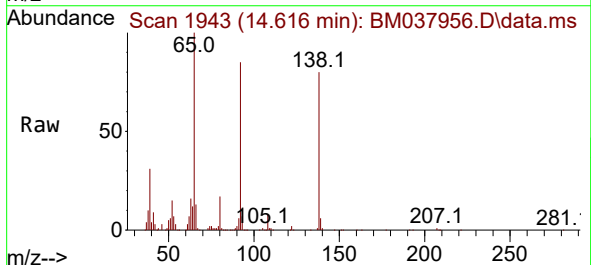
Instrument :
BNA_M
ClientSampleId :
SLCS493

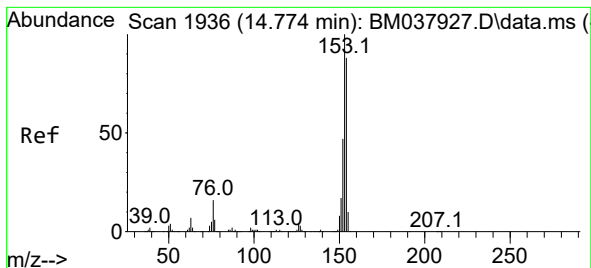
Tgt Ion:152 Resp: 1598196
Ion Ratio Lower Upper
152 100
151 19.8 15.3 22.9
153 13.0 10.2 15.4



#51
3-Nitroaniline
Concen: 33.746 ng/ul
RT: 14.616 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

Tgt Ion:138 Resp: 236567
Ion Ratio Lower Upper
138 100
108 9.5 7.9 11.9
92 105.2 83.4 125.0





#52

Acenaphthene

Concen: 33.041 ng/ul

RT: 14.768 min Scan# 1969

Delta R.T. -0.006 min

Lab File: BM037956.D

Acq: 11 Dec 2022 04:47

Instrument :

BNA_M

ClientSampleId :

SLCS493

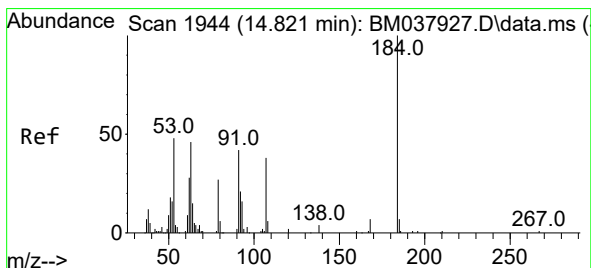
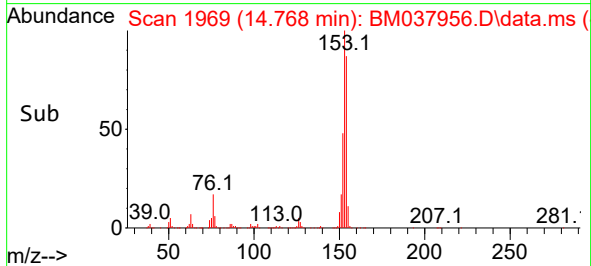
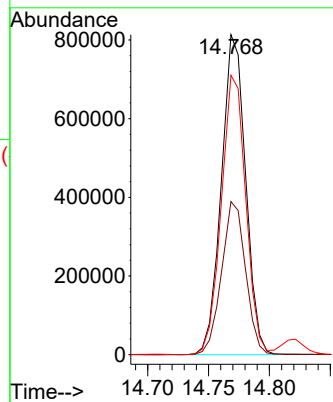
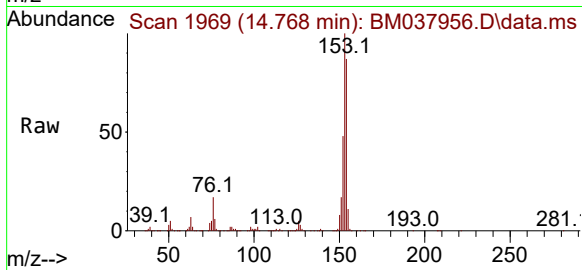
Tgt Ion:153 Resp: 1126037

Ion Ratio Lower Upper

153 100

152 47.8 38.2 57.4

154 87.3 71.4 107.0



#53

2,4-Dinitrophenol

Concen: 27.040 ng/ul

RT: 14.821 min Scan# 1978

Delta R.T. -0.000 min

Lab File: BM037956.D

Acq: 11 Dec 2022 04:47

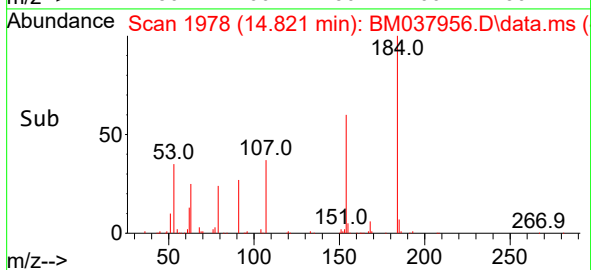
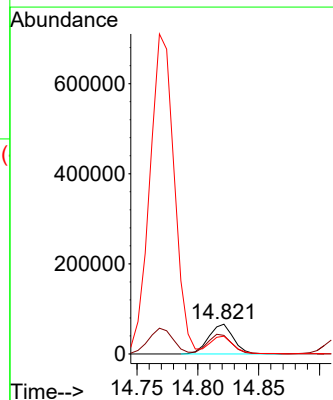
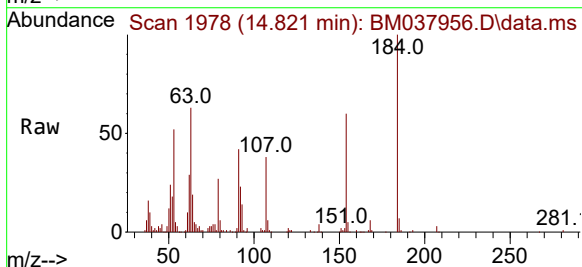
Tgt Ion:184 Resp: 93227

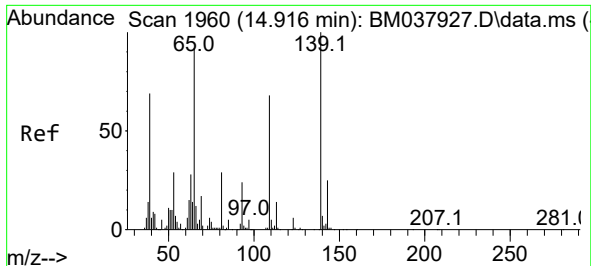
Ion Ratio Lower Upper

184 100

63 62.6 46.2 69.4

154 59.8 45.5 68.3

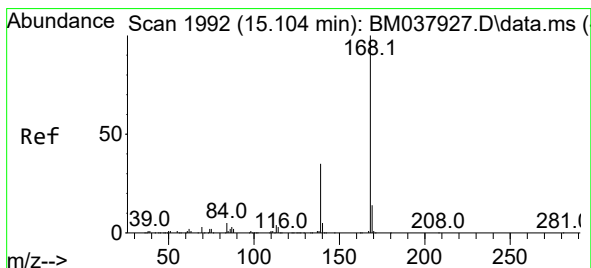
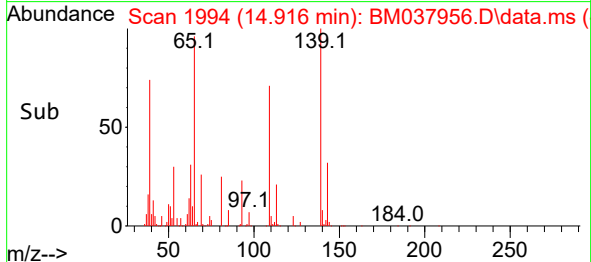
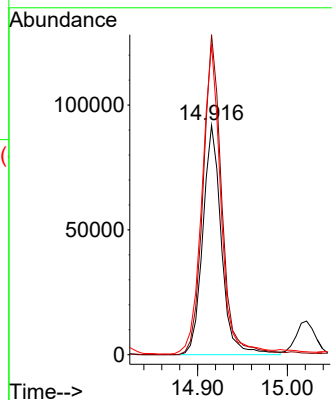
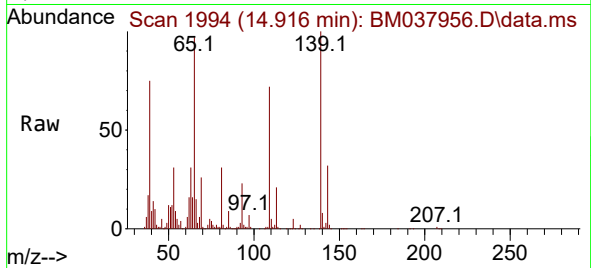




#55
4-Nitrophenol
Concen: 32.018 ng/ul
RT: 14.916 min Scan# 1960
Delta R.T. -0.000 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

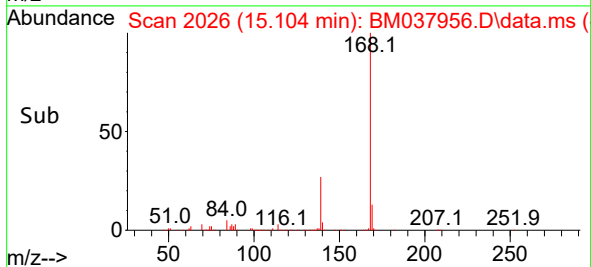
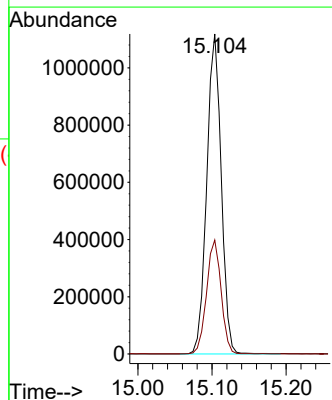
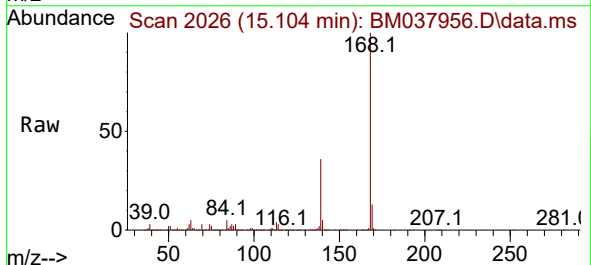
Instrument :
BNA_M
ClientSampleId :
SLCS493

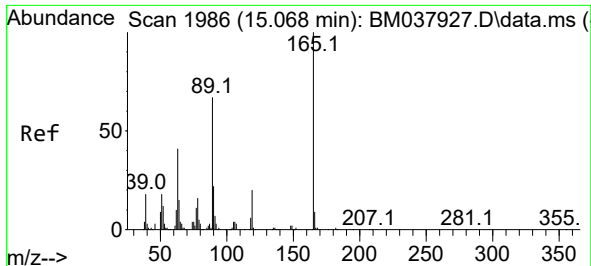
Tgt Ion:109 Resp: 131935
Ion Ratio Lower Upper
109 100
139 139.5 119.2 178.8
65 135.3 108.7 163.1



#56
Dibenzofuran
Concen: 32.635 ng/ul
RT: 15.104 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

Tgt Ion:168 Resp: 1518465
Ion Ratio Lower Upper
168 100
139 35.6 28.1 42.1





#57

2,4-Dinitrotoluene

Concen: 34.260 ng/ul

RT: 15.068 min Scan# 2064

Delta R.T. -0.006 min

Lab File: BM037956.D

Acq: 11 Dec 2022 04:47

Instrument :

BNA_M

ClientSampleId :

SLCS493

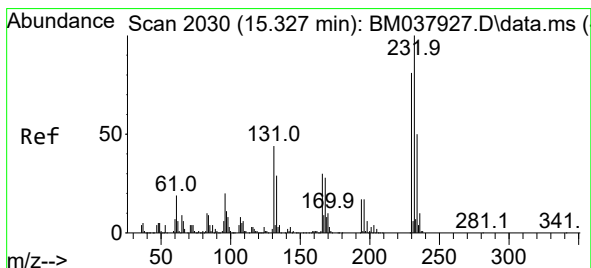
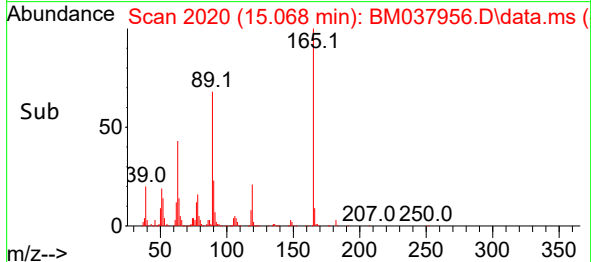
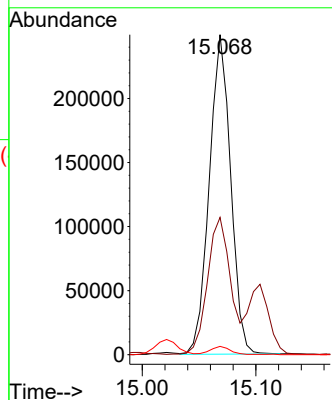
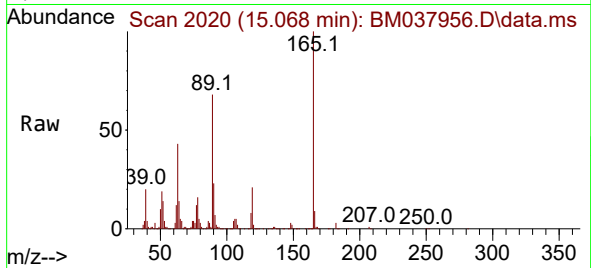
Tgt Ion:165 Resp: 325994

Ion Ratio Lower Upper

165 100

63 42.9 34.9 52.3

182 2.6 2.2 3.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 33.443 ng/ul

RT: 15.327 min Scan# 2064

Delta R.T. -0.006 min

Lab File: BM037956.D

Acq: 11 Dec 2022 04:47

Tgt Ion:232 Resp: 300281

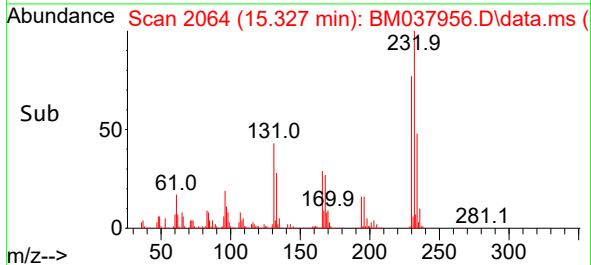
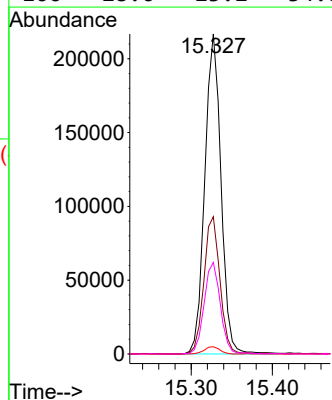
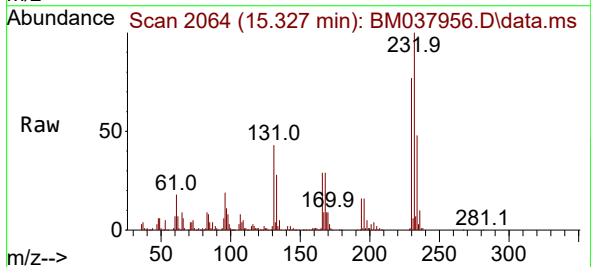
Ion Ratio Lower Upper

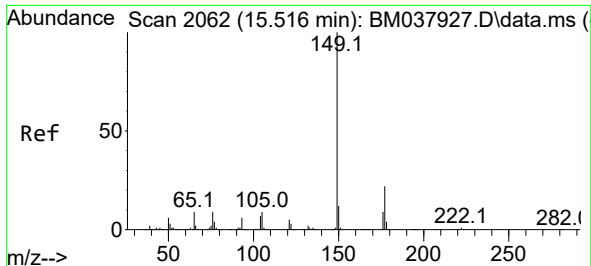
232 100

131 42.9 32.8 49.2

130 2.3 2.0 3.0

166 28.6 23.2 34.8

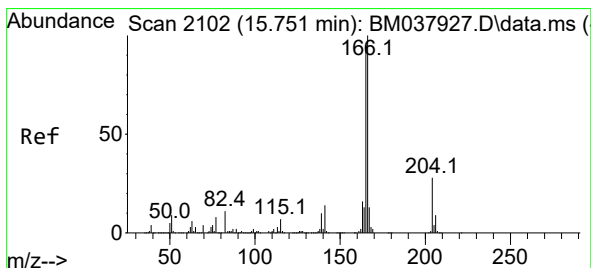
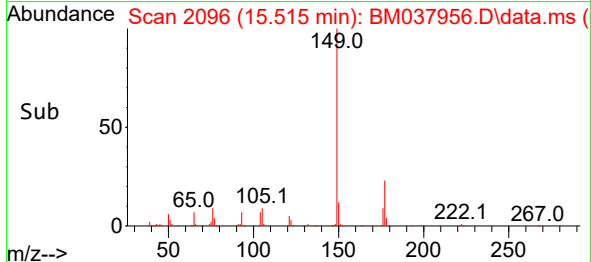
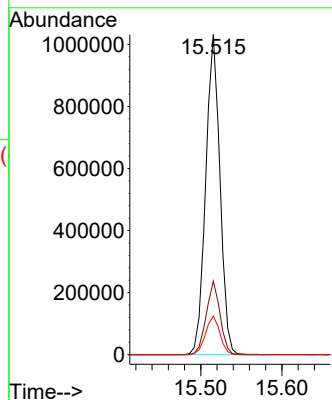
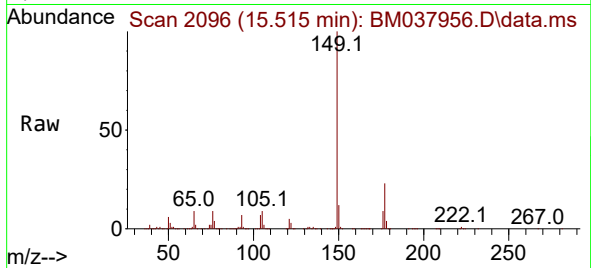




#59
Diethylphthalate
Concen: 34.794 ng/ul
RT: 15.515 min Scan# 2062
Delta R.T. -0.006 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

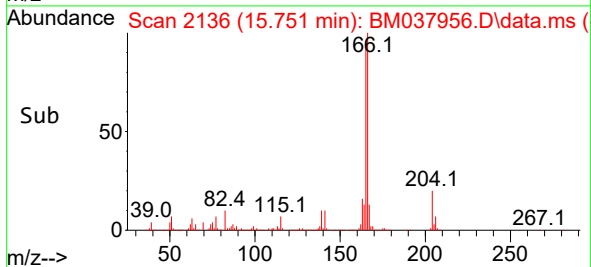
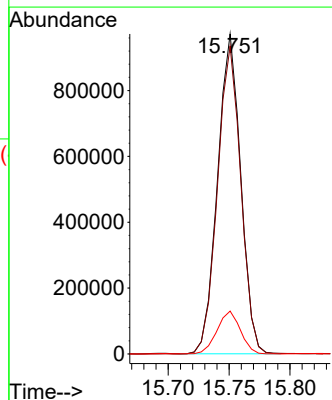
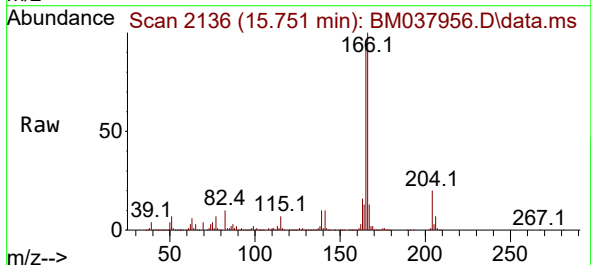
Instrument :
BNA_M
ClientSampleId :
SLCS493

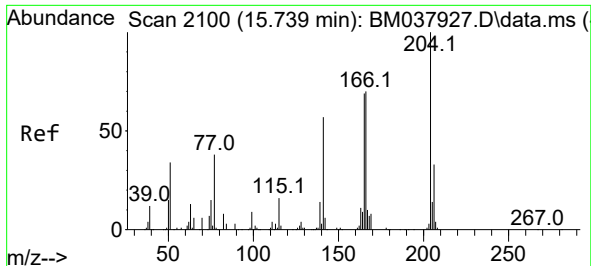
Tgt Ion:149 Resp: 1253818
Ion Ratio Lower Upper
149 100
177 23.0 18.5 27.7
150 12.1 9.5 14.3



#61
Fluorene
Concen: 33.913 ng/ul
RT: 15.751 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

Tgt Ion:166 Resp: 1286823
Ion Ratio Lower Upper
166 100
165 96.2 77.2 115.8
167 13.4 10.4 15.6

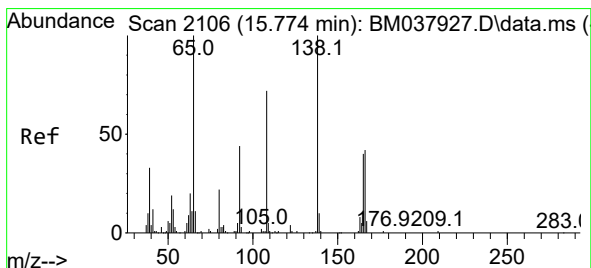
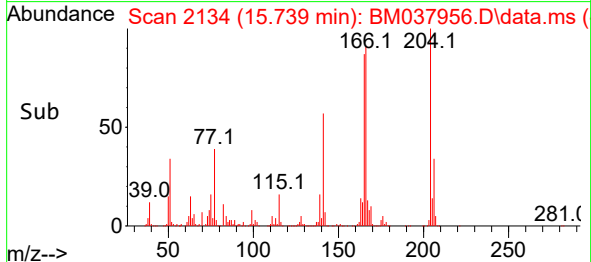
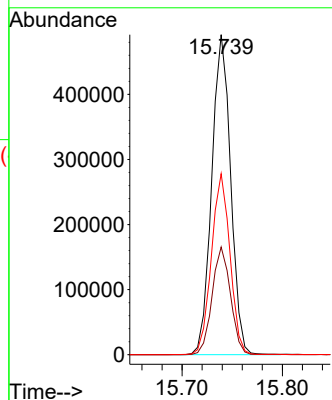
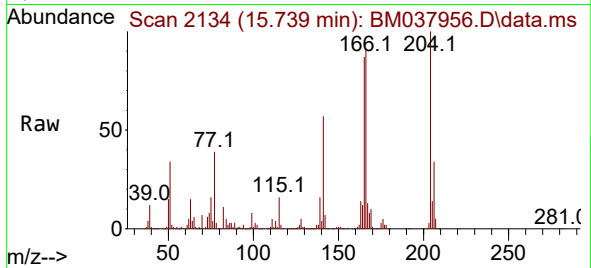




#62
4-Chlorophenyl-phenylether
Concen: 34.762 ng/ul
RT: 15.739 min Scan# 2100
Delta R.T. -0.006 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

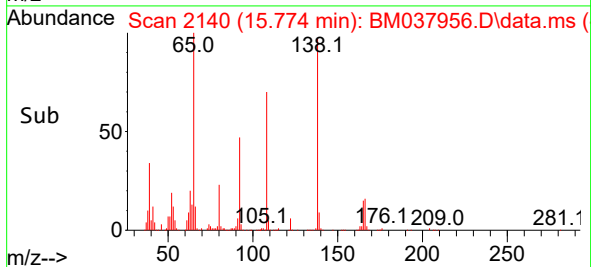
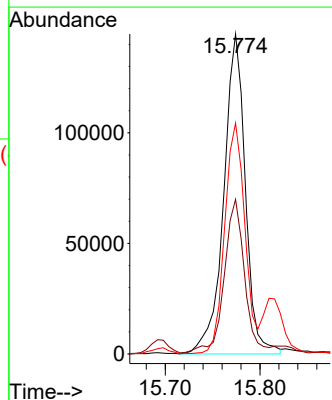
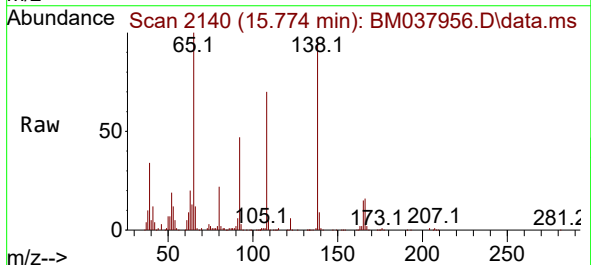
Instrument :
BNA_M
ClientSampleId :
SLCS493

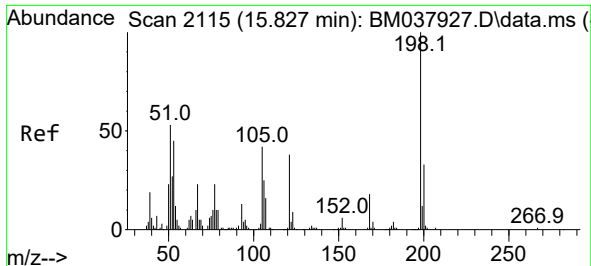
Tgt Ion:204 Resp: 644619
Ion Ratio Lower Upper
204 100
206 33.6 25.5 38.3
141 56.5 42.8 64.2



#63
4-Nitroaniline
Concen: 36.247 ng/ul
RT: 15.774 min Scan# 2140
Delta R.T. -0.000 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

Tgt Ion:138 Resp: 230396
Ion Ratio Lower Upper
138 100
92 48.3 36.1 54.1
108 72.2 51.6 77.4

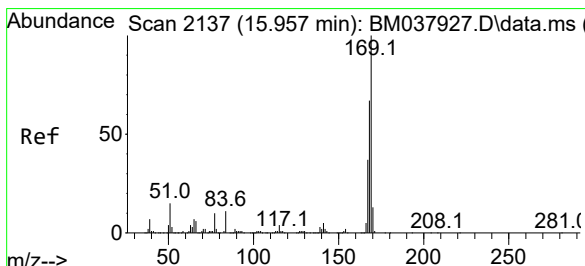
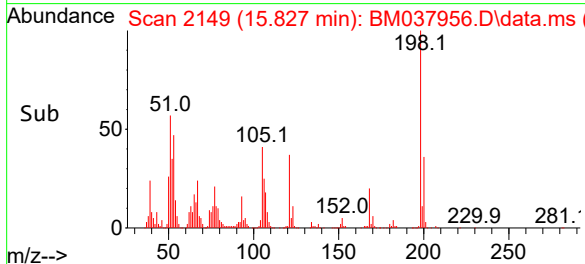
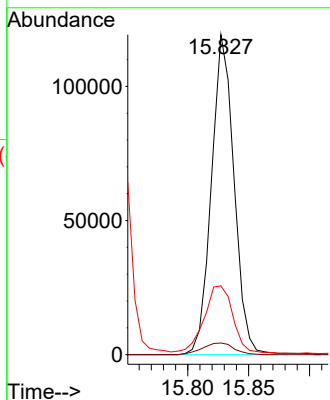
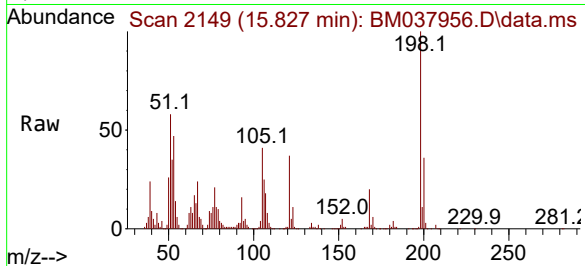




#66
4,6-Dinitro-2-methylphenol
Concen: 30.366 ng/ul
RT: 15.827 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

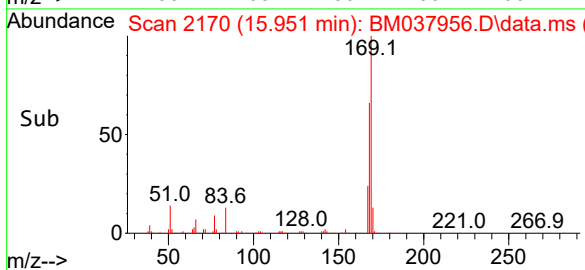
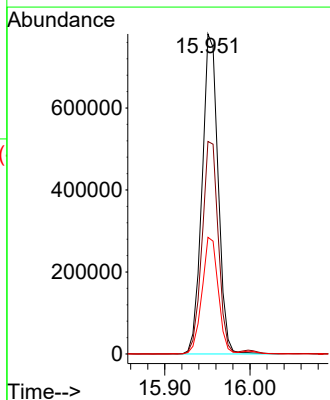
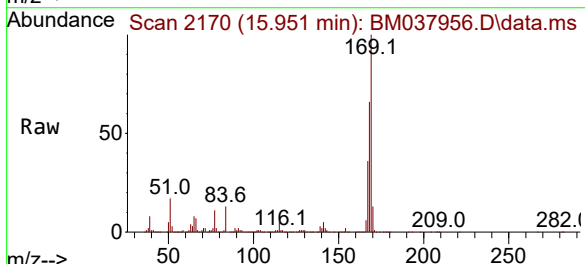
Instrument :
BNA_M
ClientSampleId :
SLCS493

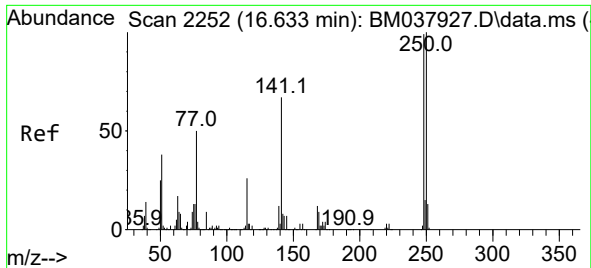
Tgt Ion:198 Resp: 154079
Ion Ratio Lower Upper
198 100
182 3.7 3.8 5.8#
77 21.5 19.3 28.9



#67
N-Nitrosodiphenylamine
Concen: 34.507 ng/ul
RT: 15.951 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

Tgt Ion:169 Resp: 1020444
Ion Ratio Lower Upper
169 100
168 66.4 53.8 80.8
167 36.4 29.3 43.9

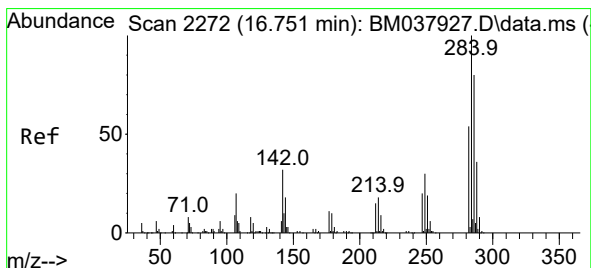
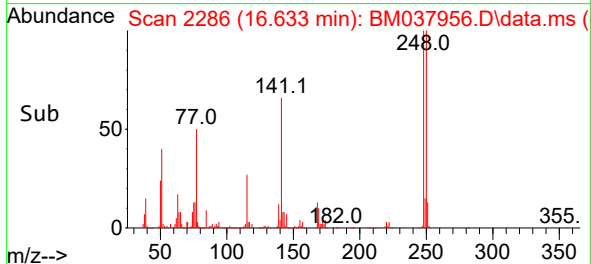
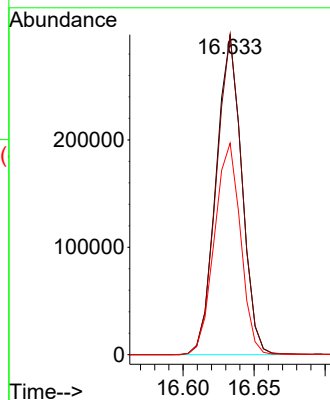
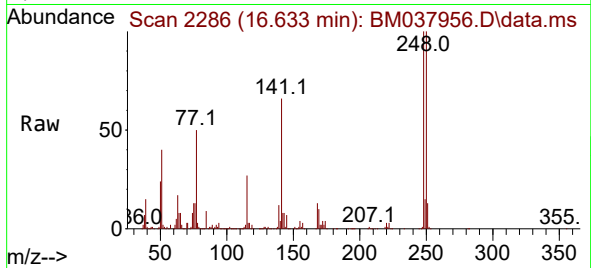




#68
4-Bromophenyl-phenylether
Concen: 34.892 ng/ul
RT: 16.633 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

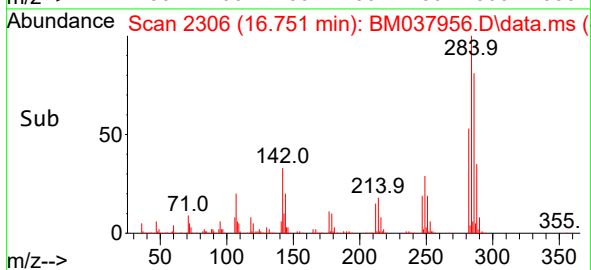
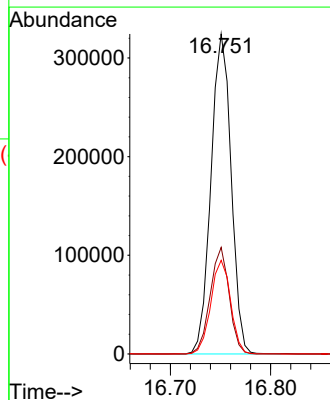
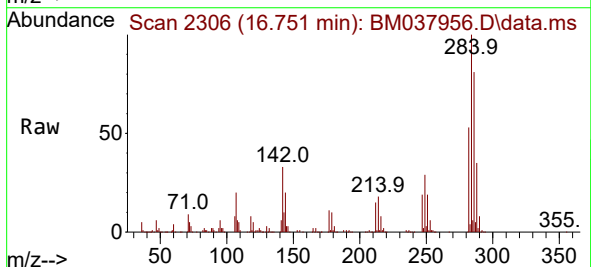
Instrument :
BNA_M
ClientSampleId :
SLCS493

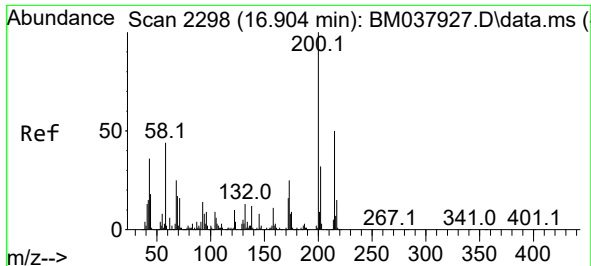
Tgt Ion:248 Resp: 374962
Ion Ratio Lower Upper
248 100
250 100.2 78.7 118.1
141 66.3 52.7 79.1



#69
Hexachlorobenzene
Concen: 35.353 ng/ul
RT: 16.751 min Scan# 2306
Delta R.T. -0.006 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

Tgt Ion:284 Resp: 453499
Ion Ratio Lower Upper
284 100
142 33.3 23.1 34.7
249 29.3 23.3 34.9

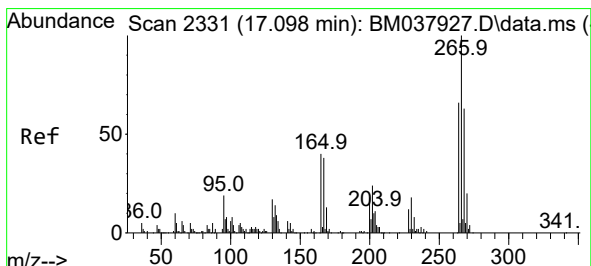
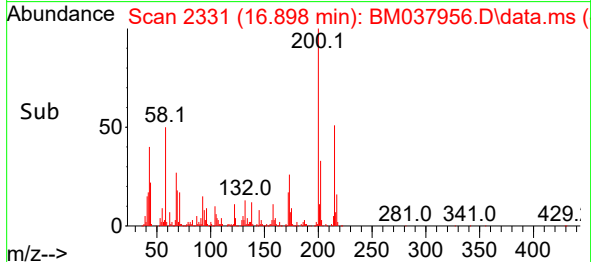
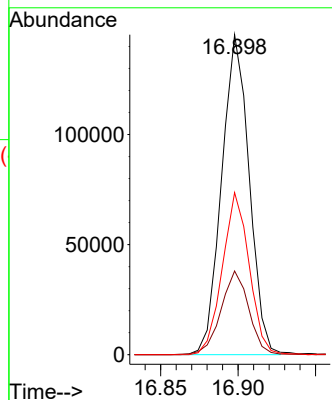
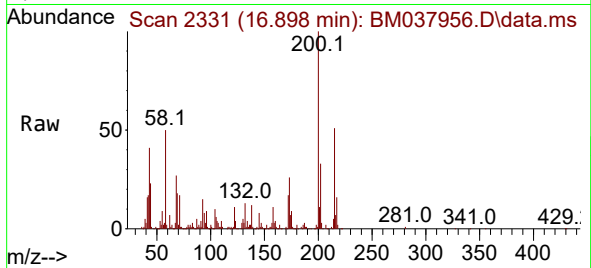




#70
Atrazine
Concen: 17.751 ng/ul
RT: 16.898 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

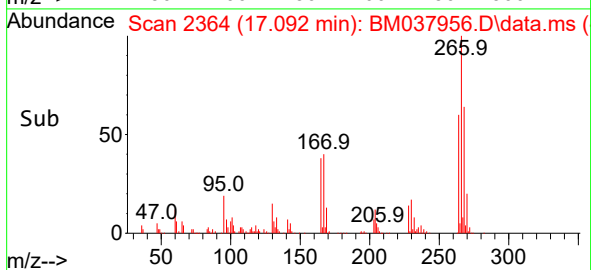
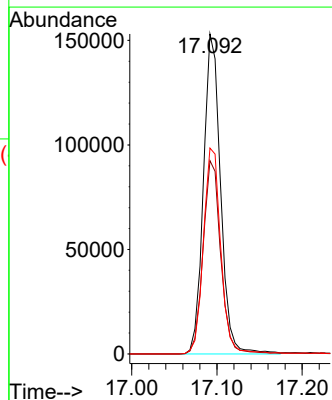
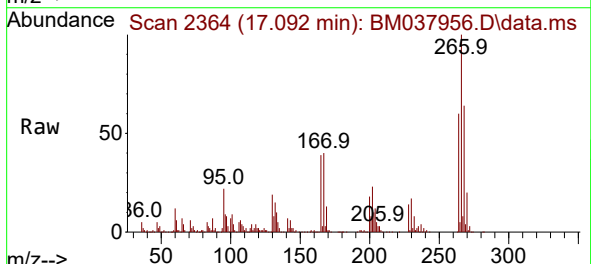
Instrument :
BNA_M
ClientSampleId :
SLCS493

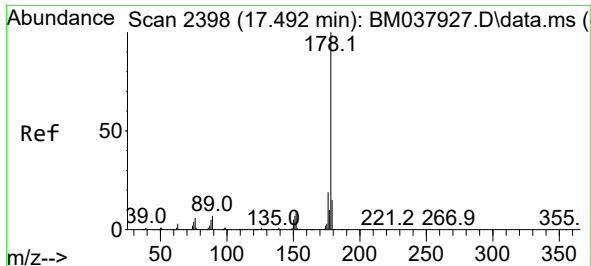
Tgt Ion:200 Resp: 179385
Ion Ratio Lower Upper
200 100
173 26.2 20.5 30.7
215 50.6 40.1 60.1



#71
Pentachlorophenol
Concen: 30.000 ng/ul
RT: 17.092 min Scan# 2364
Delta R.T. -0.006 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

Tgt Ion:266 Resp: 213957
Ion Ratio Lower Upper
266 100
264 60.4 50.1 75.1
268 64.3 50.6 75.8

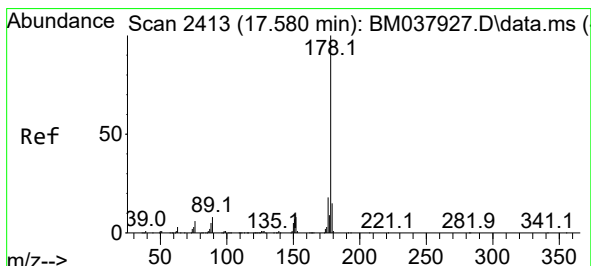
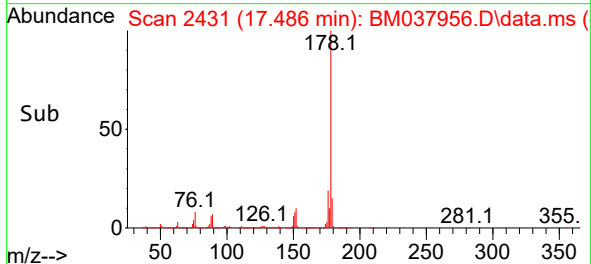
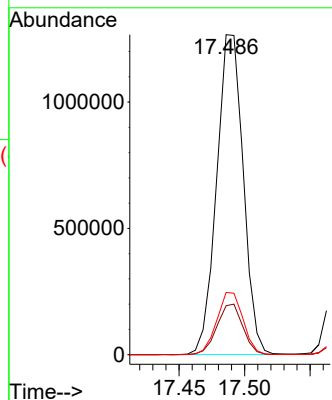
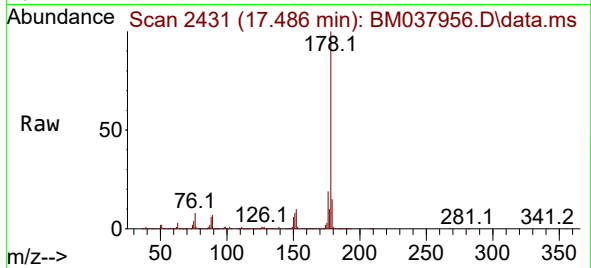




#72
Phenanthrene
Concen: 33.388 ng/ul
RT: 17.486 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

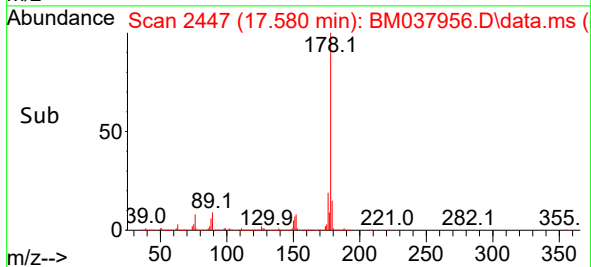
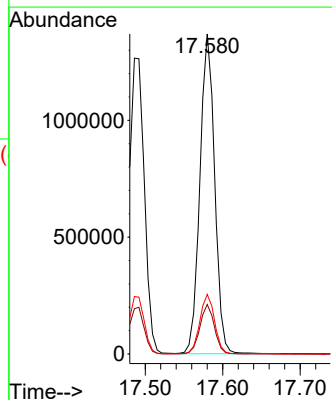
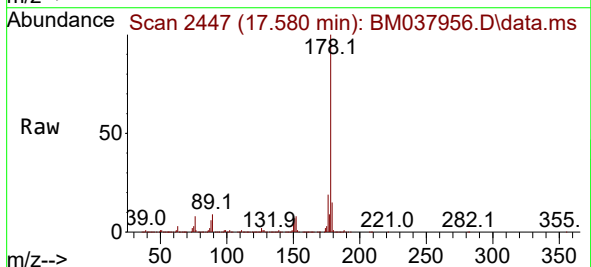
Instrument :
BNA_M
ClientSampleId :
SLCS493

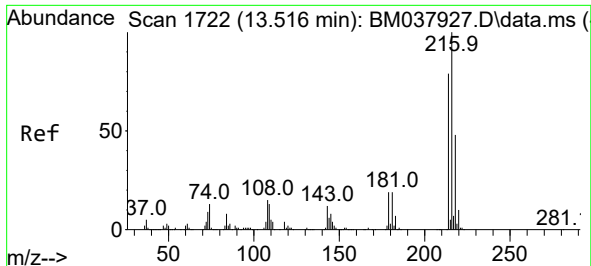
Tgt Ion:178 Resp: 1787497
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.2
176 19.4 15.4 23.0



#74
Anthracene
Concen: 33.272 ng/ul
RT: 17.580 min Scan# 2447
Delta R.T. -0.006 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

Tgt Ion:178 Resp: 1810225
Ion Ratio Lower Upper
178 100
179 15.5 11.8 17.8
176 18.6 15.0 22.6

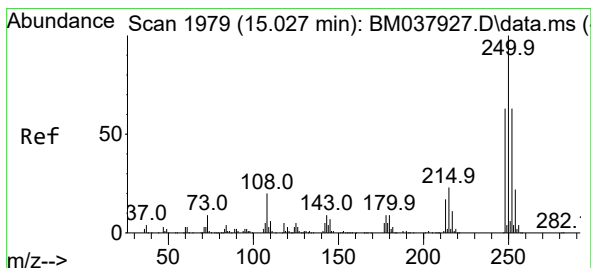
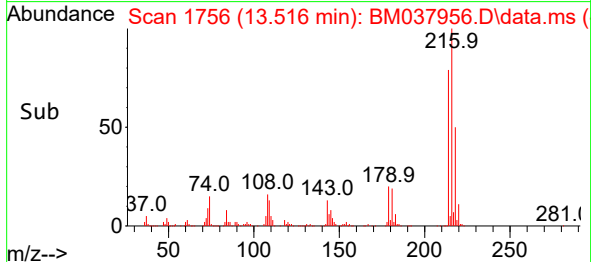
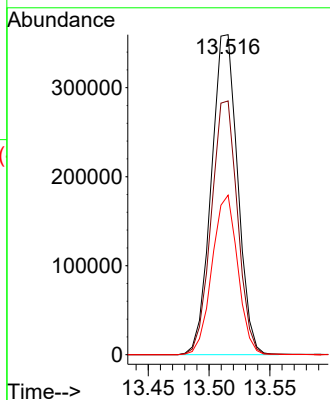
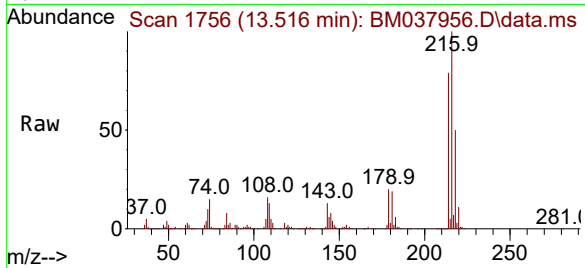




#75
1,2,3,4-Tetrachlorobenzene
Concen: 34.196 ng/uL
RT: 13.516 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

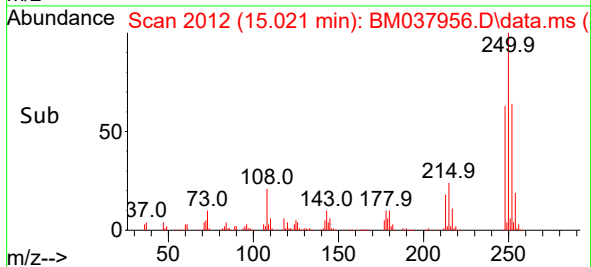
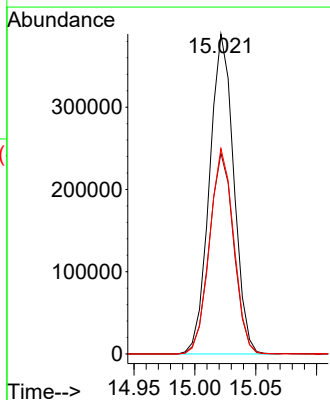
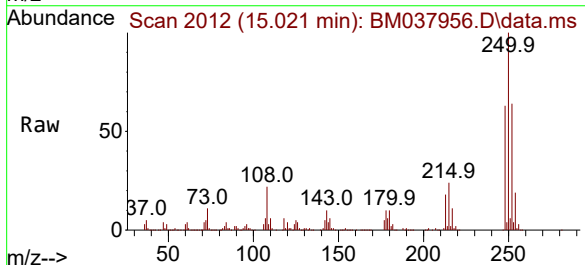
Instrument :
BNA_M
ClientSampleId :
SLCS493

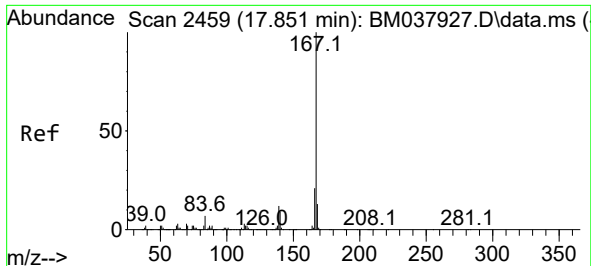
Tgt Ion:216 Resp: 541970
Ion Ratio Lower Upper
216 100
214 79.3 62.6 93.8
218 49.8 38.3 57.5



#76
Pentachlorobenzene
Concen: 34.351 ng/uL
RT: 15.021 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

Tgt Ion:250 Resp: 539301
Ion Ratio Lower Upper
250 100
248 62.7 51.0 76.4
252 64.2 51.8 77.6

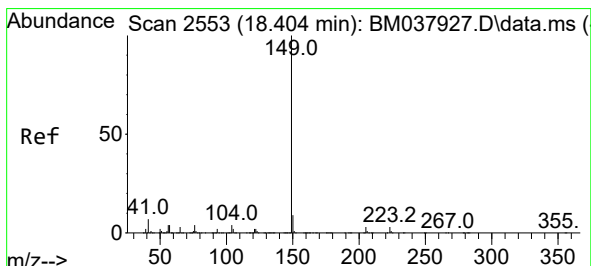
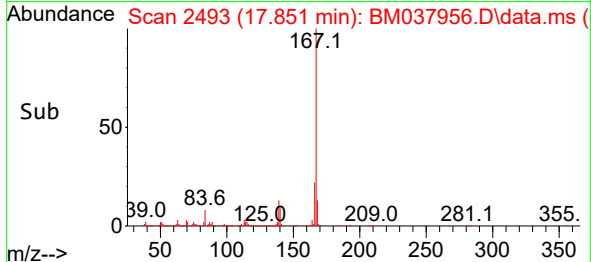
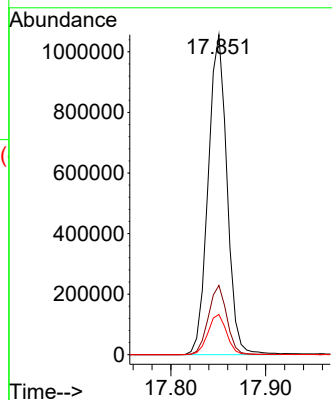
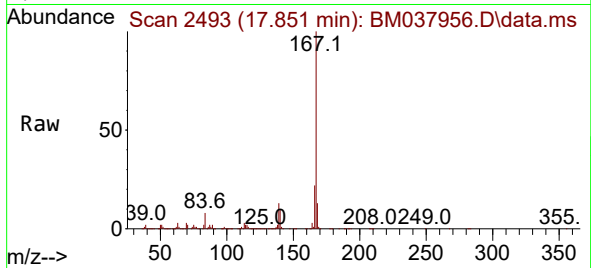




#77
 Carbazole
 Concen: 31.000 ng/ul
 RT: 17.851 min Scan# 2459
 Delta R.T. -0.006 min
 Lab File: BM037956.D
 Acq: 11 Dec 2022 04:47

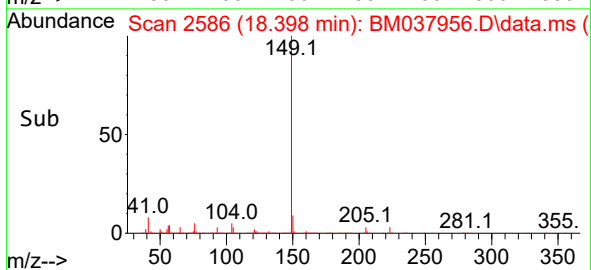
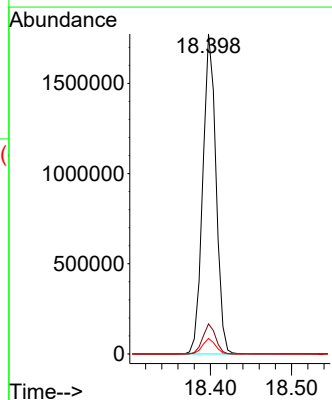
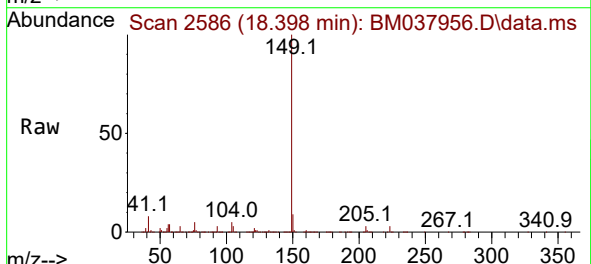
Instrument :
 BNA_M
 ClientSampleId :
 SLCS493

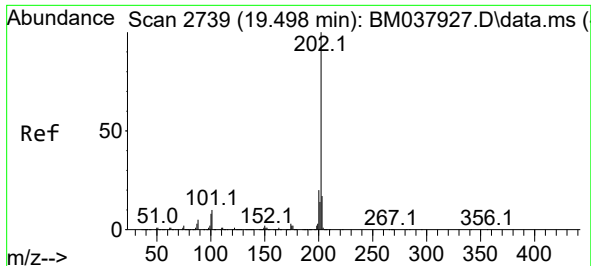
Tgt Ion:167 Resp: 1461245
 Ion Ratio Lower Upper
 167 100
 166 21.6 16.7 25.1
 139 12.5 9.8 14.6



#78
 Di-n-butylphthalate
 Concen: 35.787 ng/ul
 RT: 18.398 min Scan# 2586
 Delta R.T. -0.006 min
 Lab File: BM037956.D
 Acq: 11 Dec 2022 04:47

Tgt Ion:149 Resp: 2005104
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.3 10.9
 104 4.8 3.4 5.2

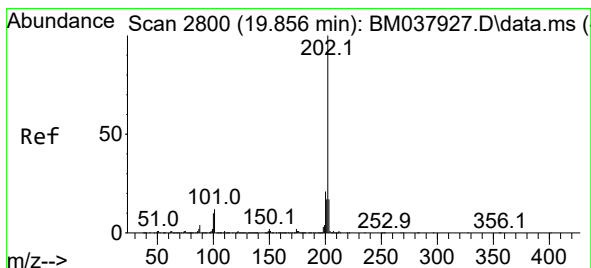
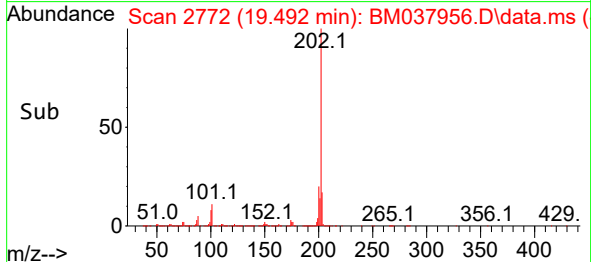
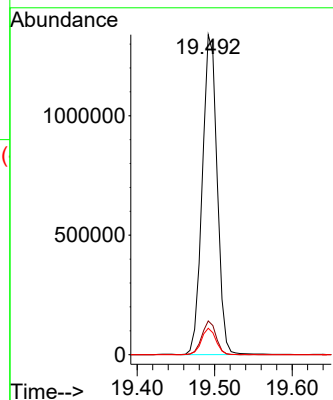
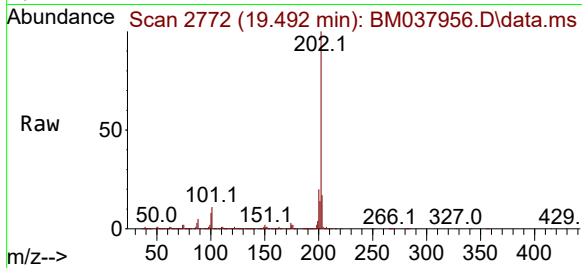




#80
Fluoranthene
Concen: 34.389 ng/ul
RT: 19.492 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

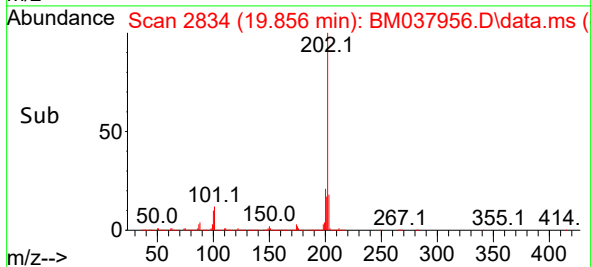
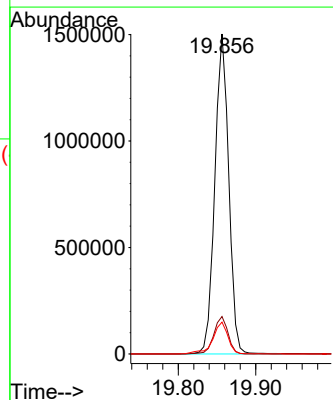
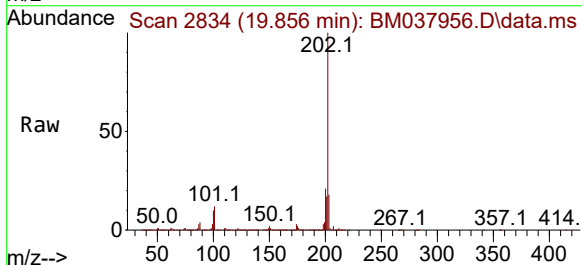
Instrument :
BNA_M
ClientSampleId :
SLCS493

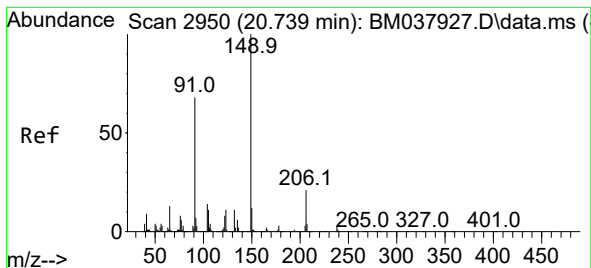
Tgt Ion:202 Resp: 1783233
Ion Ratio Lower Upper
202 100
101 10.6 8.6 13.0
100 8.2 6.6 10.0



#82
Pyrene
Concen: 34.628 ng/ul
RT: 19.856 min Scan# 2834
Delta R.T. -0.006 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

Tgt Ion:202 Resp: 1868817
Ion Ratio Lower Upper
202 100
101 11.7 10.0 15.0
100 9.9 7.9 11.9





#83

Butylbenzylphthalate

Concen: 34.308 ng/ul

RT: 20.739 min Scan# 2950

Delta R.T. -0.006 min

Lab File: BM037956.D

Acq: 11 Dec 2022 04:47

Instrument :

BNA_M

ClientSampleId :

SLCS493

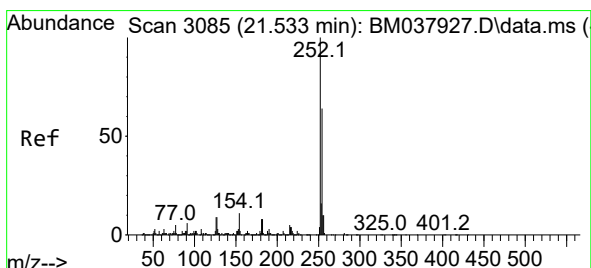
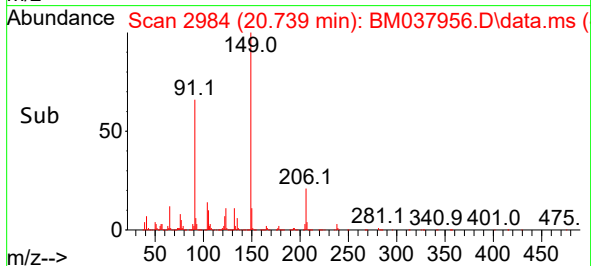
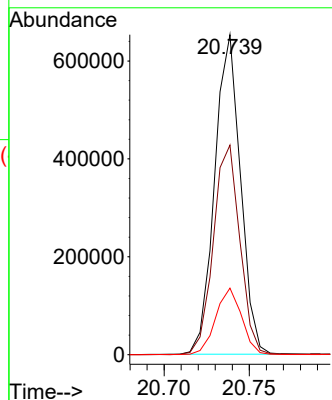
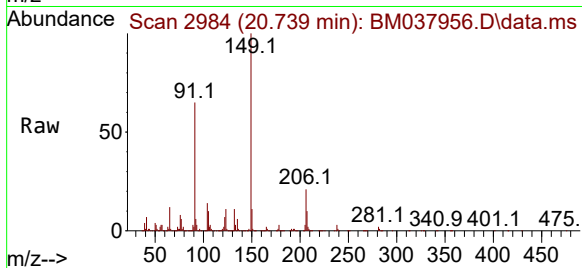
Tgt Ion:149 Resp: 688484

Ion Ratio Lower Upper

149 100

91 65.5 54.5 81.7

206 20.8 15.8 23.8



#84

3,3'-Dichlorobenzidine

Concen: 33.752 ng/ul

RT: 21.527 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BM037956.D

Acq: 11 Dec 2022 04:47

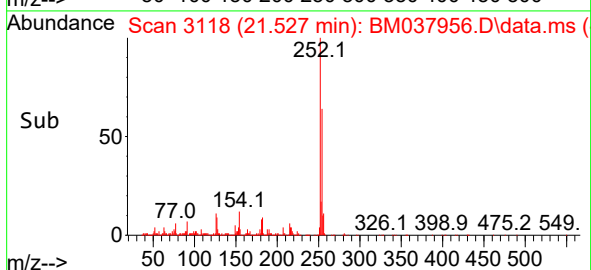
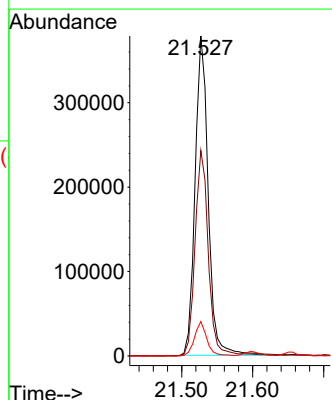
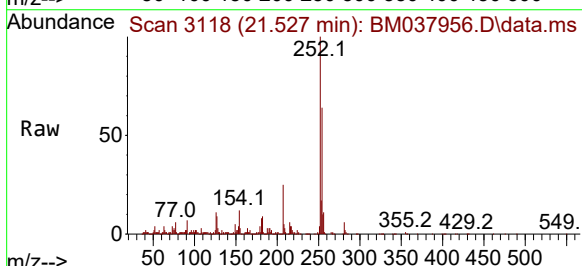
Tgt Ion:252 Resp: 488527

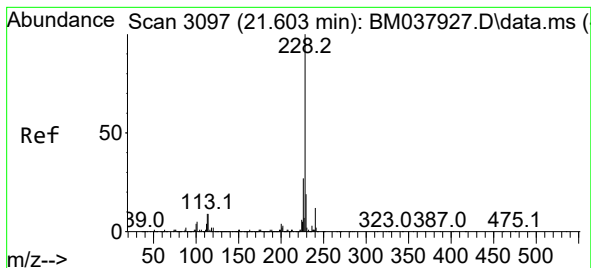
Ion Ratio Lower Upper

252 100

254 64.2 53.2 79.8

126 10.7 7.8 11.8





#85

Benzo(a)anthracene

Concen: 34.263 ng/ul

RT: 21.597 min Scan# 3115

Delta R.T. -0.006 min

Lab File: BM037956.D

Acq: 11 Dec 2022 04:47

Instrument :

BNA_M

ClientSampleId :

SLCS493

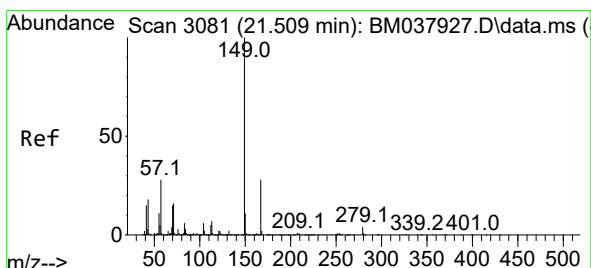
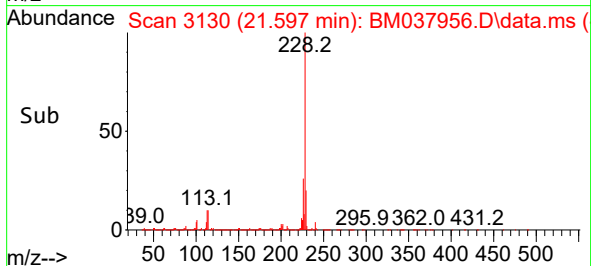
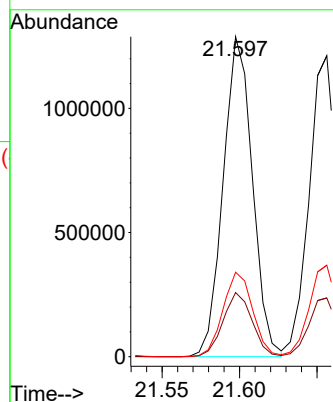
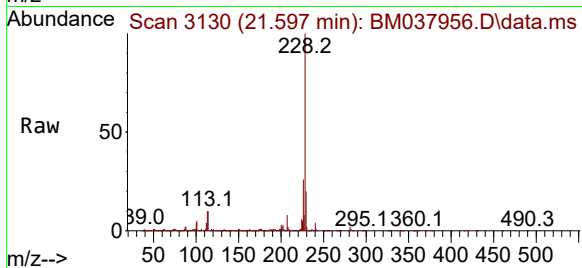
Tgt Ion:228 Resp: 1687222

Ion Ratio Lower Upper

228 100

229 20.0 15.5 23.3

226 26.4 21.8 32.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 32.845 ng/ul

RT: 21.509 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BM037956.D

Acq: 11 Dec 2022 04:47

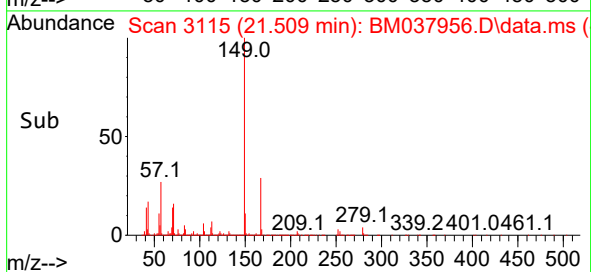
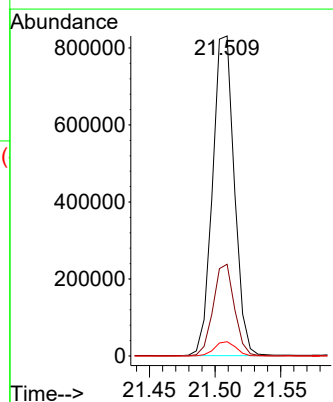
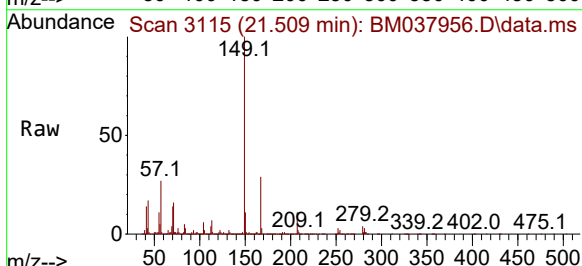
Tgt Ion:149 Resp: 958867

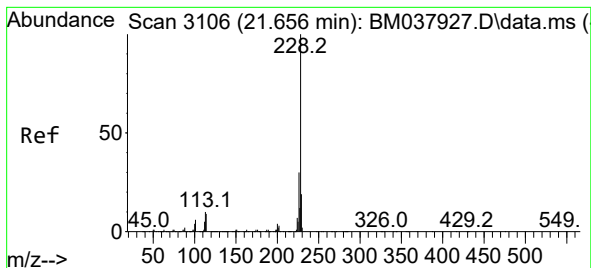
Ion Ratio Lower Upper

149 100

167 28.7 21.5 32.3

279 4.4 3.2 4.8





#87

Chrysene

Concen: 33.665 ng/ul

RT: 21.656 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BM037956.D

Acq: 11 Dec 2022 04:47

Instrument :

BNA_M

ClientSampleId :

SLCS493

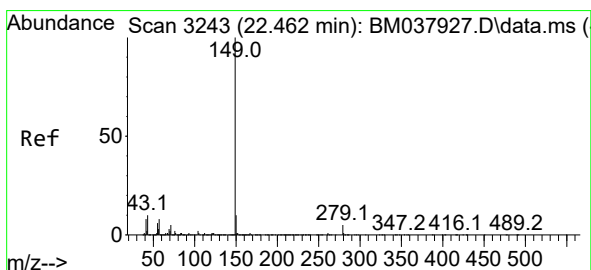
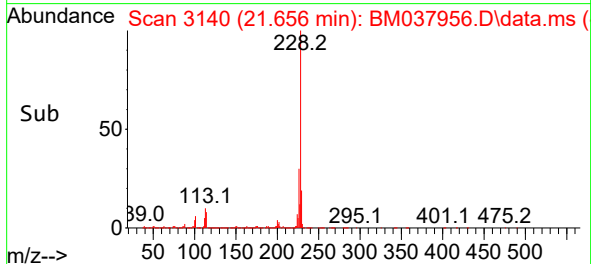
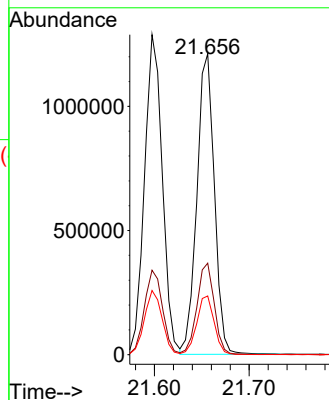
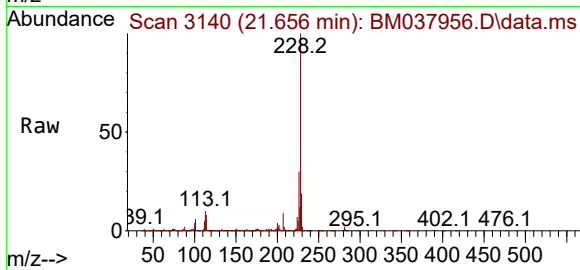
Tgt Ion:228 Resp: 1555420

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 19.5 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 31.835 ng/ul

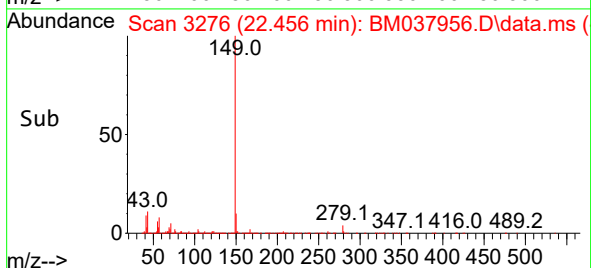
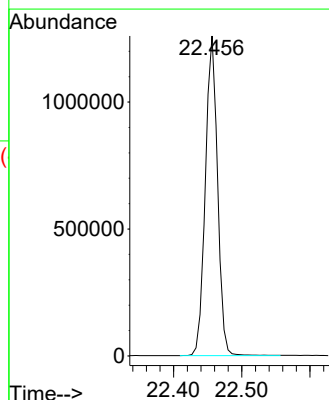
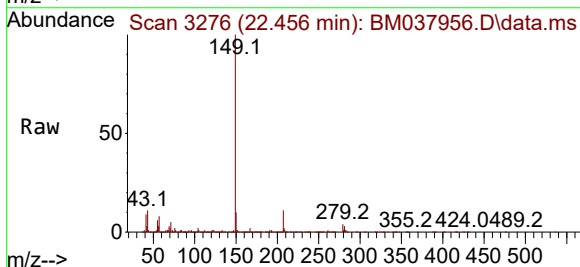
RT: 22.456 min Scan# 3276

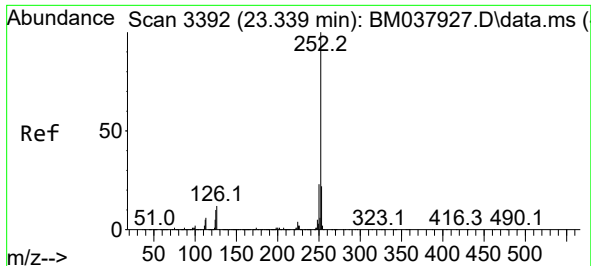
Delta R.T. -0.006 min

Lab File: BM037956.D

Acq: 11 Dec 2022 04:47

Tgt Ion:149 Resp: 1566435

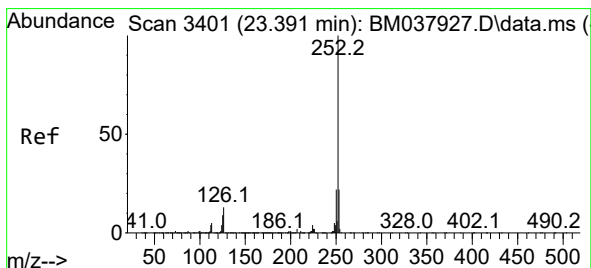
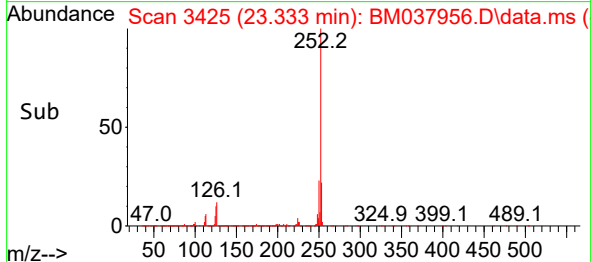
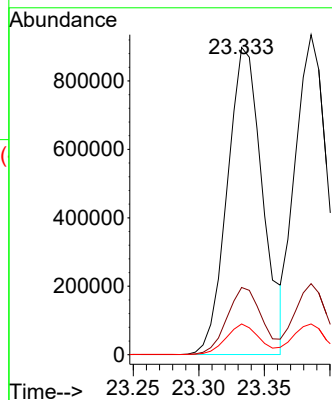
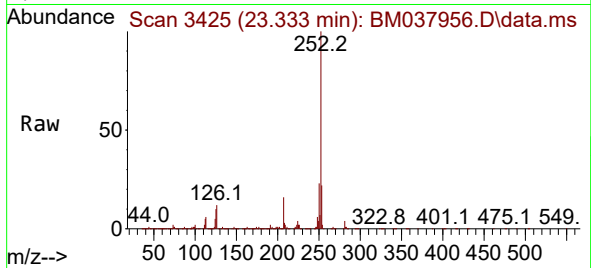




#90
Benzo(b)fluoranthene
Concen: 35.342 ng/ul
RT: 23.333 min Scan# 34
Delta R.T. -0.012 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

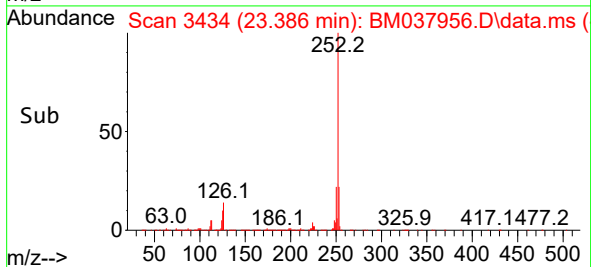
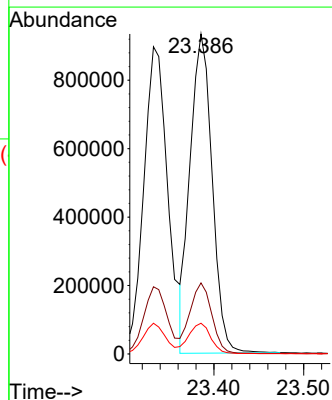
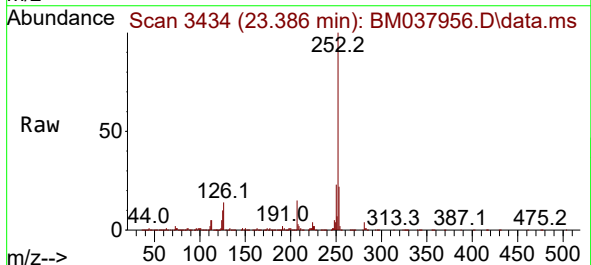
Instrument :
BNA_M
ClientSampleId :
SLCS493

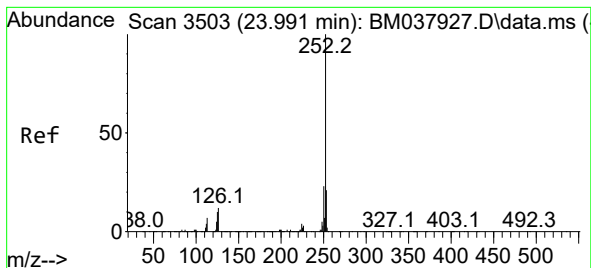
Tgt Ion:252 Resp: 1682555
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 10.0 8.0 12.0



#91
Benzo(k)fluoranthene
Concen: 34.548 ng/ul
RT: 23.386 min Scan# 3434
Delta R.T. -0.006 min
Lab File: BM037956.D
Acq: 11 Dec 2022 04:47

Tgt Ion:252 Resp: 1594019
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 9.6 8.1 12.1





#93

Benzo(a)pyrene

Concen: 34.658 ng/ul

RT: 23.985 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM037956.D

Acq: 11 Dec 2022 04:47

Instrument :

BNA_M

ClientSampleId :

SLCS493

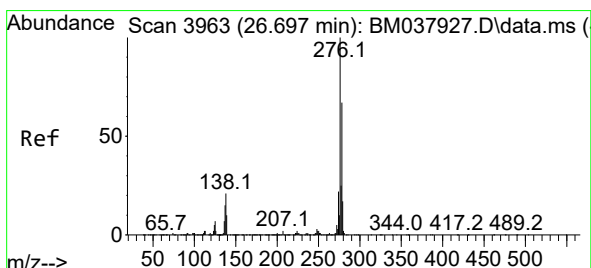
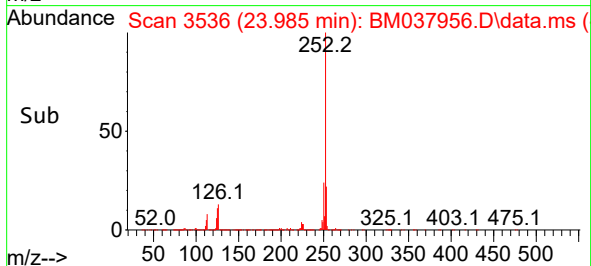
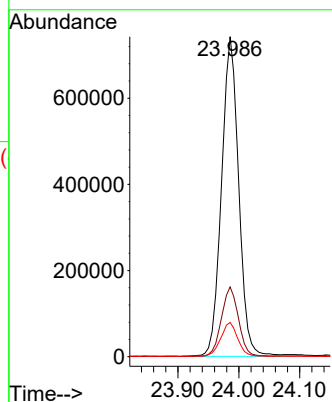
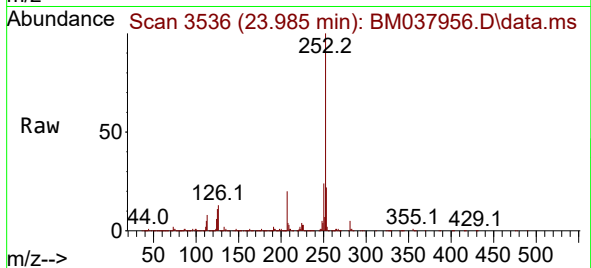
Tgt Ion:252 Resp: 1450928

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 10.7 9.4 14.0



#94

Indeno(1,2,3-cd)pyrene

Concen: 30.282 ng/ul

RT: 26.691 min Scan# 3996

Delta R.T. -0.012 min

Lab File: BM037956.D

Acq: 11 Dec 2022 04:47

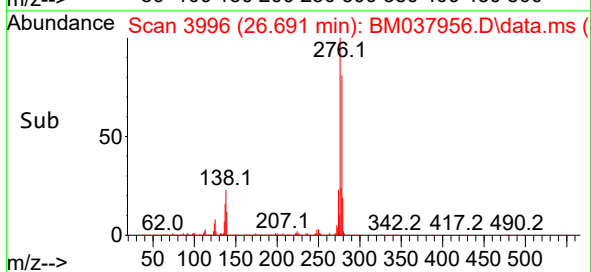
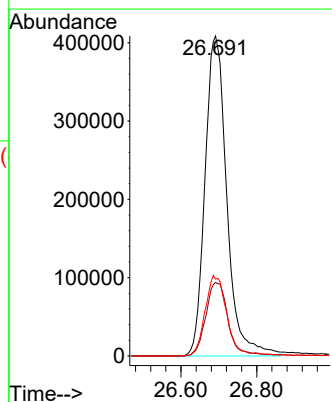
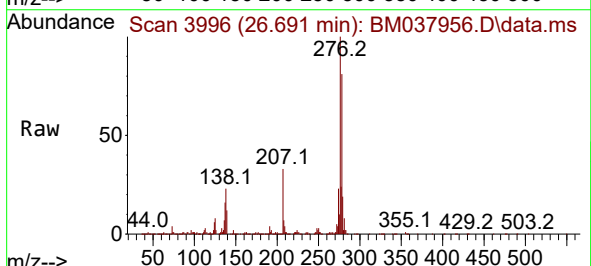
Tgt Ion:276 Resp: 1632721

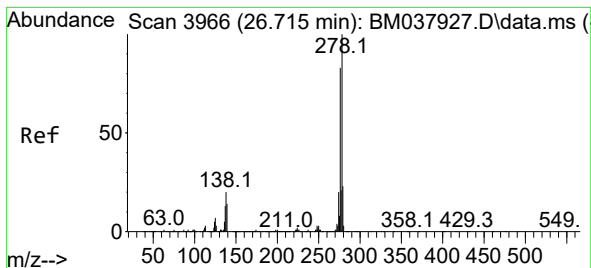
Ion Ratio Lower Upper

276 100

138 23.0 19.3 28.9

277 24.1 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 32.729 ng/ul

RT: 26.709 min Scan# 3966

Delta R.T. -0.006 min

Lab File: BM037956.D

Acq: 11 Dec 2022 04:47

Instrument :

BNA_M

ClientSampleId :

SLCS493

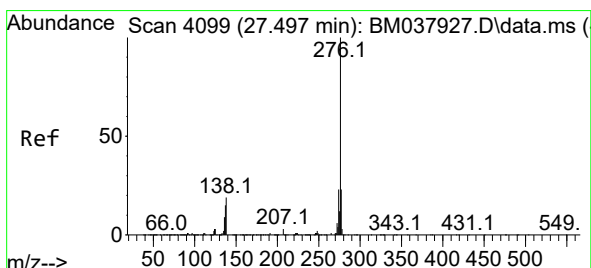
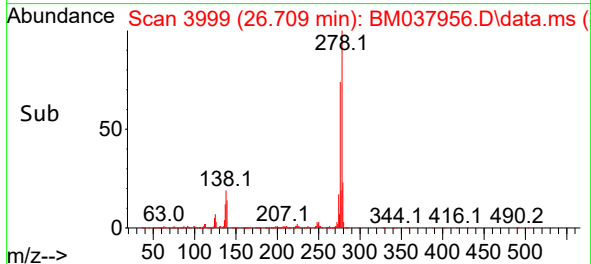
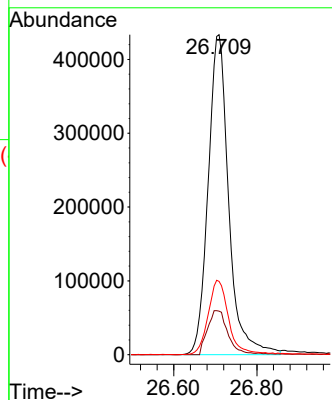
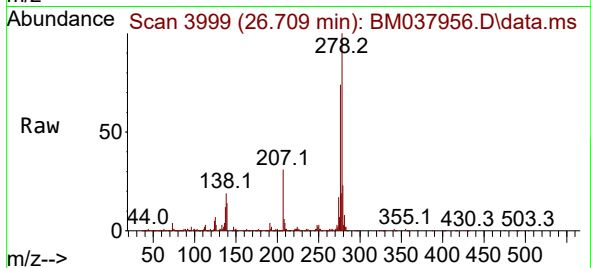
Tgt Ion:278 Resp: 1487637

Ion Ratio Lower Upper

278 100

139 13.6 12.4 18.6

279 22.9 19.8 29.6



#96

Benzo(g,h,i)perylene

Concen: 30.439 ng/ul

RT: 27.491 min Scan# 4132

Delta R.T. -0.012 min

Lab File: BM037956.D

Acq: 11 Dec 2022 04:47

Tgt Ion:276 Resp: 1310328

Ion Ratio Lower Upper

276 100

138 19.1 17.1 25.7

277 23.7 18.2 27.4

