

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110222\
 Data File : BM037318.D
 Acq On : 02 Nov 2022 16:15
 Operator : CG/JU
 Sample : PB148668BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS668

Quant Time: Nov 02 22:53:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 02 03:33:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	282952	20.000	ng/u1	0.00
20) Naphthalene-d8	10.657	136	1299754	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.492	164	838097	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.233	188	1767600	20.000	ng/u1	0.00
79) Chrysene-d12	21.403	240	1785957	20.000	ng/u1	0.00
88) Perylene-d12	23.756	264	1542143	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	35574	5.542	ng/uL	0.00
4) Pyridine-d5	3.699	84	335365	17.503	ng/u1	0.00
7) Phenol-d5	7.028	99	686749	27.889	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.192	67	426607	28.232	ng/u1	0.00
11) 2-Chlorophenol-d4	7.386	132	552782	29.381	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	560546	27.876	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	283234	29.172	ng/u1	0.00
24) 2-Nitrophenol-d4	9.745	143	313148	29.610	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.286	165	574864	29.483	ng/u1	0.00
31) 4-Chloroaniline-d4	10.804	131	588406	19.747	ng/u1	0.00
46) Dimethylphthalate-d6	13.910	166	1712097	29.546	ng/u1	0.00
49) Acenaphthylene-d8	14.186	160	2055414	29.504	ng/u1	0.00
54) 4-Nitrophenol-d4	14.710	143	348693	30.104	ng/u1	0.00
60) Fluorene-d10	15.480	176	1554265	30.077	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	312339	27.898	ng/u1	0.00
73) Anthracene-d10	17.333	188	2427305	29.817	ng/u1	0.00
81) Pyrene-d10	19.621	212	2793703	29.935	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.603	264	2438223	30.715	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.310	88	72081	10.689	ng/uL	96
5) Pyridine	3.716	79	452918	23.600	ng/u1	97
6) Benzaldehyde	7.004	77	410946	36.073	ng/u1	99
8) Phenol	7.057	94	690789	26.662	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.287	93	552638	26.588	ng/u1	99
12) 2-Chlorophenol	7.422	128	565651	27.785	ng/u1	100
13) 2-Methylphenol	8.310	108	521125	26.364	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.392	45	797250	27.006	ng/u1	100
16) Acetophenone	8.686	105	882088	27.353	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.675	70	446250	27.859	ng/u1	99
18) 4-Methylphenol	8.639	108	584974	26.866	ng/u1	100
19) Hexachloroethane	8.933	117	232622	28.791	ng/u1	99
22) Nitrobenzene	9.069	77	666367	28.436	ng/u1	99
23) Isophorone	9.598	82	1235388	27.333	ng/u1	99
25) 2-Nitrophenol	9.780	139	334402	27.665	ng/u1	100
26) 2,4-Dimethylphenol	9.839	107	585594	25.765	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.080	93	791437	28.165	ng/u1	99
29) 2,4-Dichlorophenol	10.310	162	560882	27.953	ng/u1	99
30) Naphthalene	10.710	128	1920032	27.688	ng/u1	100
32) 4-Chloroaniline	10.827	127	754497	24.437	ng/u1	100
33) Hexachlorobutadiene	10.986	225	332095	26.875	ng/u1	99
34) Caprolactam	11.627	113	186432	28.235	ng/u1	97
35) 4-Chloro-3-methylphenol	11.957	107	596468	28.659	ng/u1	99
36) 2-Methylnaphthalene	12.316	142	1303149	27.211	ng/u1	99

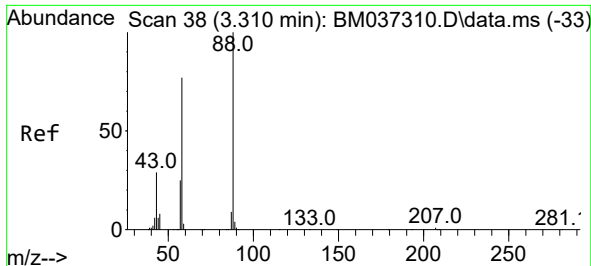
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.539	142	1325075	27.497	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.686	216	669394	26.612	ng/ul	99
40) Hexachlorocyclopentadiene	12.657	237	340709	24.229	ng/ul	97
41) 2,4,6-Trichlorophenol	12.933	196	446502	27.498	ng/ul	97
42) 2,4,5-Trichlorophenol	13.004	196	492181	28.150	ng/ul	99
43) 1,1'-Biphenyl	13.327	154	1754533	28.167	ng/ul	99
44) 2-Chloronaphthalene	13.368	162	1394280	27.856	ng/ul	99
45) 2-Nitroaniline	13.586	65	400629	30.355	ng/ul	99
47) Dimethylphthalate	13.957	163	1758129	28.483	ng/ul	99
48) 2,6-Dinitrotoluene	14.080	165	361177	29.884	ng/ul	99
50) Acenaphthylene	14.215	152	2171587	28.519	ng/ul	99
51) 3-Nitroaniline	14.410	138	393511	30.172	ng/ul	95
52) Acenaphthene	14.557	153	1514686	27.955	ng/ul	100
53) 2,4-Dinitrophenol	14.621	184	207854	25.611	ng/ul	99
55) 4-Nitrophenol	14.721	109	252245	29.615	ng/ul	95
56) Dibenzofuran	14.892	168	2078459	28.410	ng/ul	99
57) 2,4-Dinitrotoluene	14.868	165	528443	29.841	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.115	232	418232	27.476	ng/ul	99
59) Diethylphthalate	15.315	149	1765905	28.724	ng/ul	99
61) Fluorene	15.539	166	1786015	28.861	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.533	204	862859	28.372	ng/ul	99
63) 4-Nitroaniline	15.574	138	395338	32.603	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.627	198	313492	26.359	ng/ul	97
67) N-Nitrosodiphenylamine	15.751	169	1493404	28.501	ng/ul	100
68) 4-Bromophenyl-phenylether	16.427	248	517901	27.542	ng/ul	100
69) Hexachlorobenzene	16.533	284	638886	27.839	ng/ul	99
70) Atrazine	16.704	200	324314	17.484	ng/ul	99
71) Pentachlorophenol	16.886	266	351107	25.001	ng/ul	98
72) Phenanthrene	17.274	178	2834868	28.683	ng/ul	100
74) Anthracene	17.368	178	2824916	28.408	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.292	216	697545	27.233	ng/ul	100
76) Pentachlorobenzene	14.804	250	703824	25.253	ng/ul	100
77) Carbazole	17.639	167	2600486	28.987	ng/ul	99
78) Di-n-butylphthalate	18.198	149	3061754	29.623	ng/ul	99
80) Fluoranthene	19.286	202	3301012	28.744	ng/ul	100
82) Pyrene	19.650	202	3499511	28.925	ng/ul	100
83) Butylbenzylphthalate	20.544	149	1389768	29.576	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.327	252	1180007	28.509	ng/ul	99
85) Benzo(a)anthracene	21.391	228	3359173	29.308	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.315	149	2033937	31.042	ng/ul	100
87) Chrysene	21.444	228	3193270	29.609	ng/ul	100
89) Di-n-octyl phthalate	22.221	149	3152396	28.096	ng/ul	100
90) Benzo(b)fluoranthene	23.038	252	3133259	29.206	ng/ul	100
91) Benzo(k)fluoranthene	23.085	252	3071627	29.243	ng/ul	100
93) Benzo(a)pyrene	23.650	252	2617958	29.178	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.185	276	2891823	30.116	ng/ul	99
95) Dibenzo(a,h)anthracene	26.197	278	2486353	28.793	ng/ul	100
96) Benzo(g,h,i)perylene	26.932	276	2325461	28.265	ng/ul	99

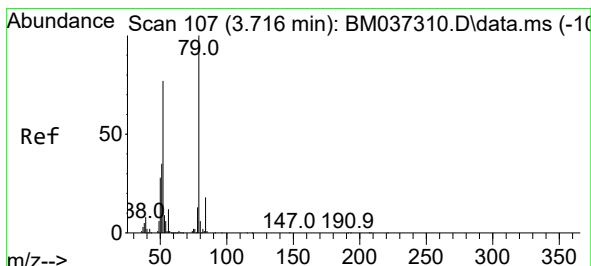
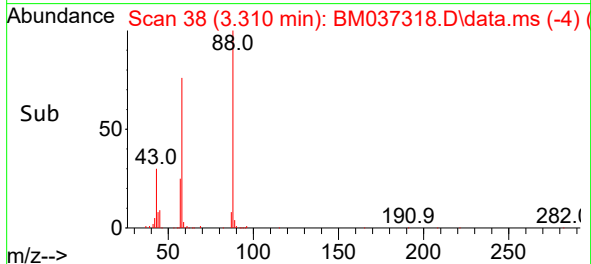
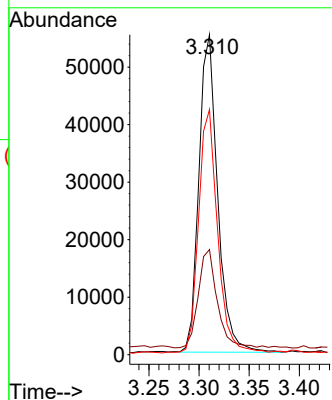
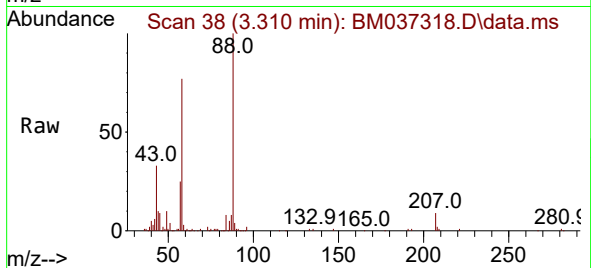
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#2
1,4-Dioxane
Concen: 10.689 ng/uL
RT: 3.310 min Scan# 38
Delta R.T. 0.000 min
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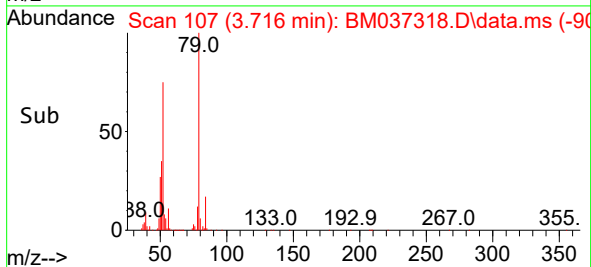
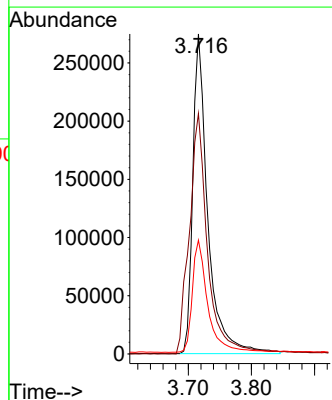
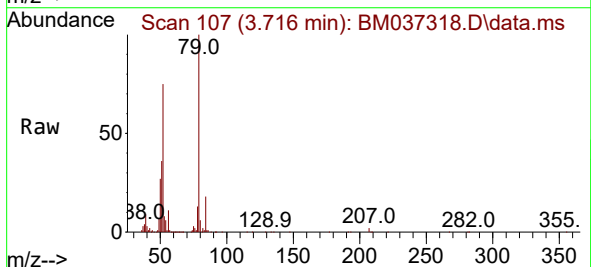
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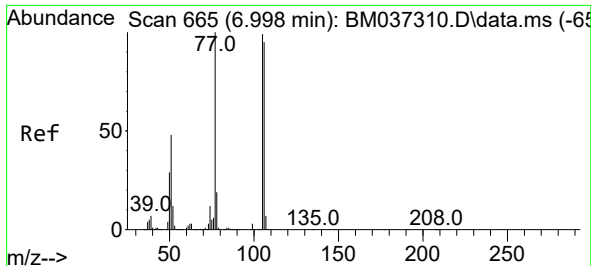
Tgt Ion: 88 Resp: 72081
Ion Ratio Lower Upper
88 100
43 32.9 23.4 35.0
58 76.6 59.4 89.0



#5
Pyridine
Concen: 23.600 ng/uL
RT: 3.716 min Scan# 107
Delta R.T. -0.000 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

Tgt Ion: 79 Resp: 452918
Ion Ratio Lower Upper
79 100
52 75.2 61.8 92.6
51 35.6 30.8 46.2

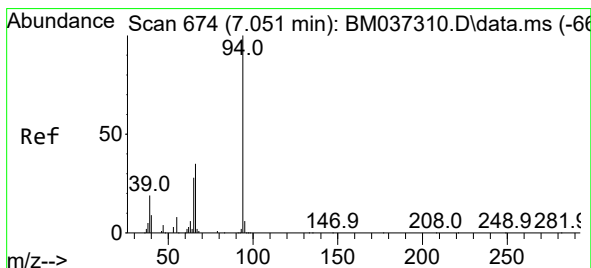
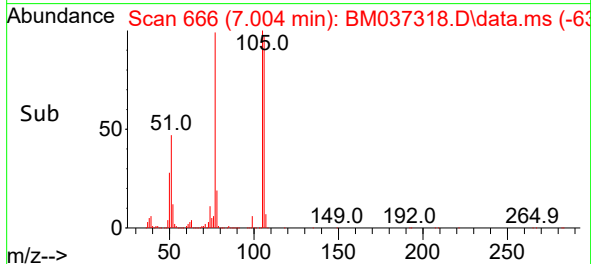
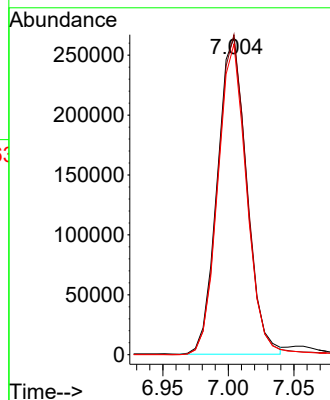
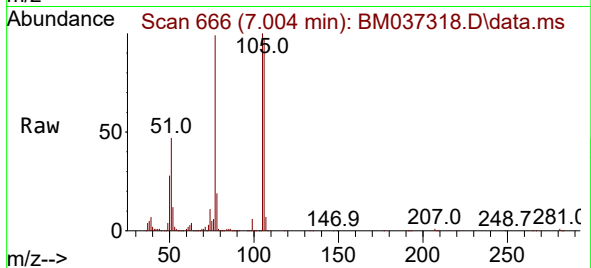




#6
Benzaldehyde
Concen: 36.073 ng/ul
RT: 7.004 min Scan# 665
Delta R.T. -0.000 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

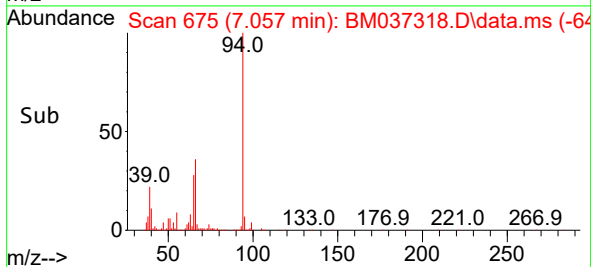
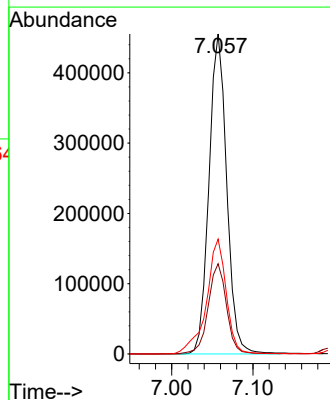
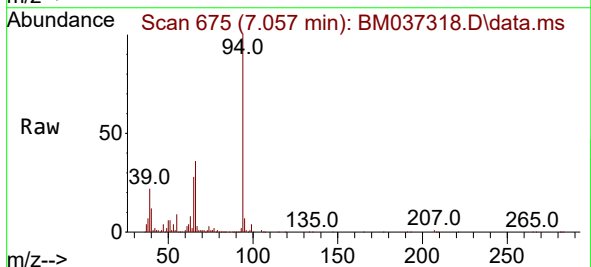
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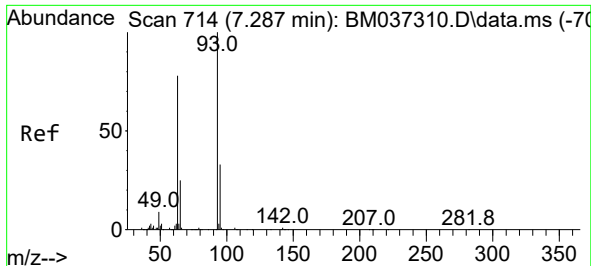
Tgt Ion: 77 Resp: 410946
Ion Ratio Lower Upper
77 100
105 101.0 81.3 121.9
106 98.0 78.8 118.2



#8
Phenol
Concen: 26.662 ng/ul
RT: 7.057 min Scan# 675
Delta R.T. -0.000 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

Tgt Ion: 94 Resp: 690789
Ion Ratio Lower Upper
94 100
65 28.2 22.6 33.8
66 35.9 27.4 41.2

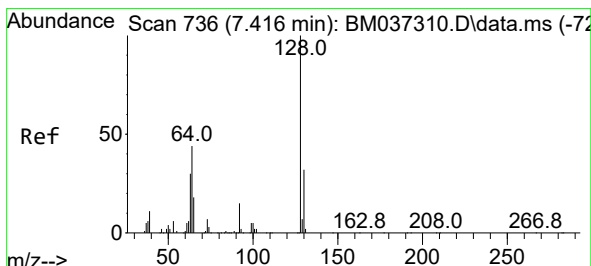
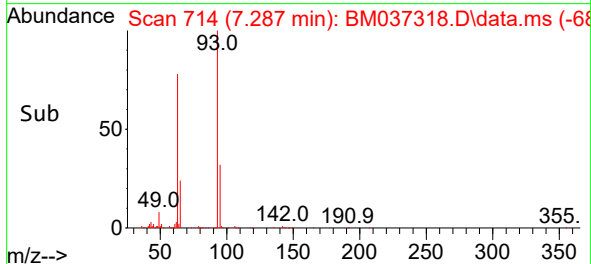
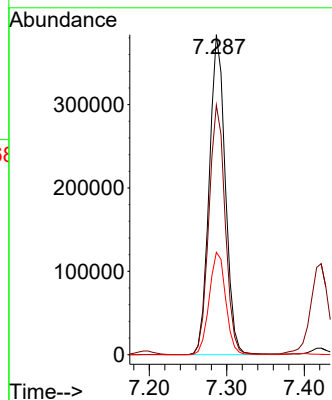
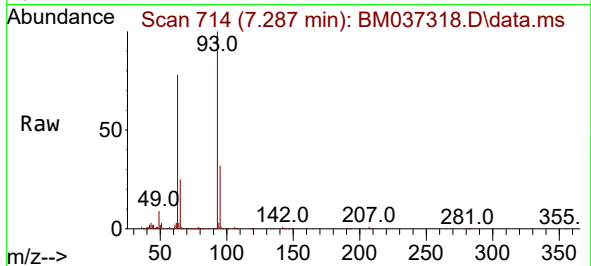




#10
Bis(2-Chloroethyl)ether
Concen: 26.588 ng/ul
RT: 7.287 min Scan# 714
Delta R.T. -0.000 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

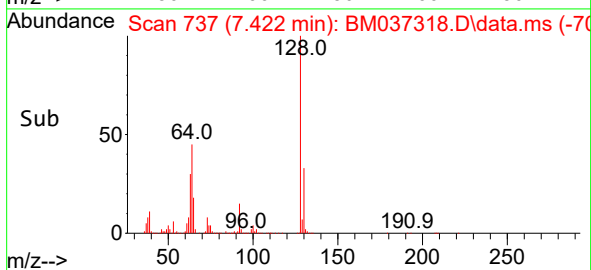
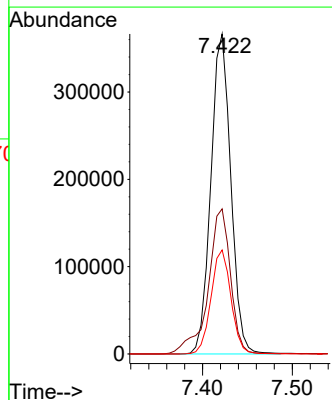
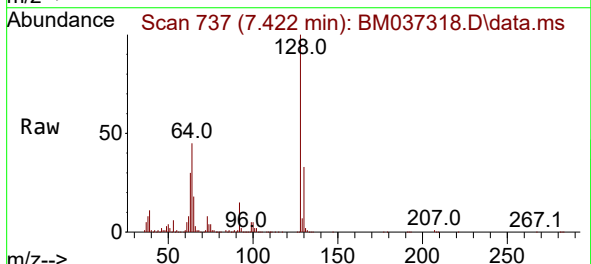
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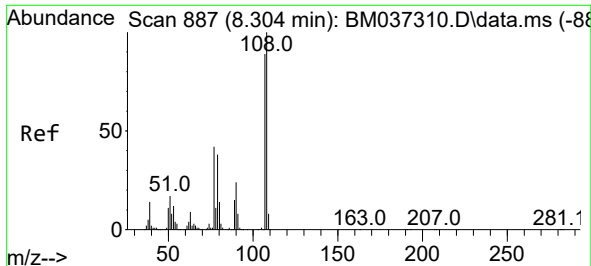
Tgt Ion: 93 Resp: 552638
Ion Ratio Lower Upper
93 100
63 78.0 63.0 94.4
95 32.0 26.0 39.0



#12
2-Chlorophenol
Concen: 27.785 ng/ul
RT: 7.422 min Scan# 737
Delta R.T. -0.000 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

Tgt Ion:128 Resp: 565651
Ion Ratio Lower Upper
128 100
64 45.3 36.0 54.0
130 32.5 25.9 38.9

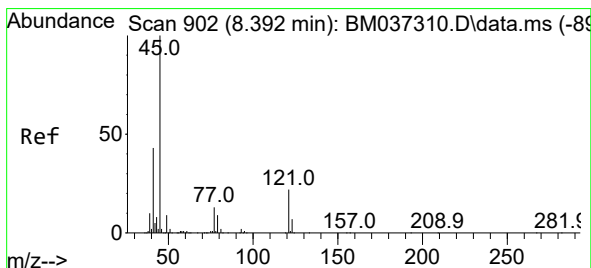
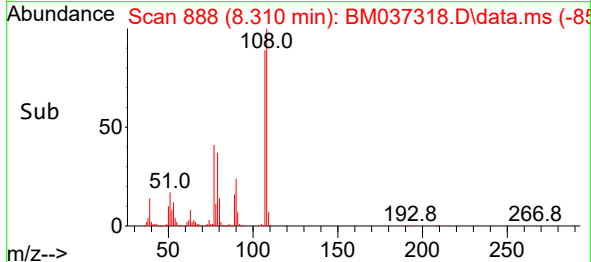
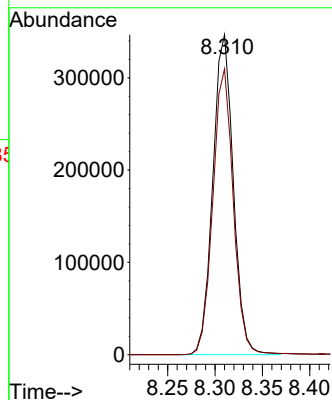
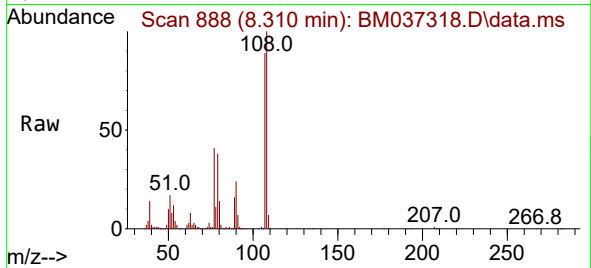




#13
2-Methylphenol
Concen: 26.364 ng/ul
RT: 8.310 min Scan# 888
Delta R.T. -0.000 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

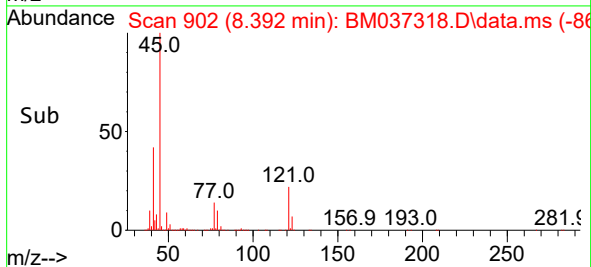
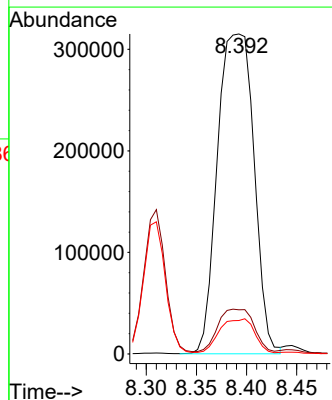
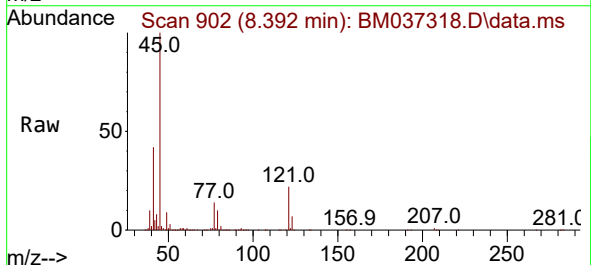
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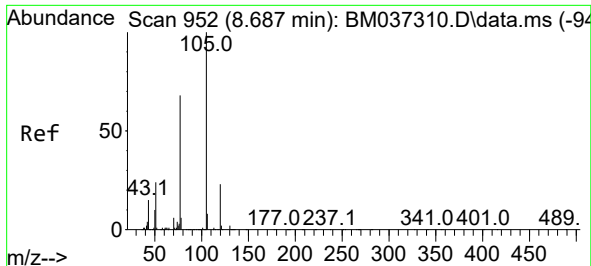
Tgt Ion:108 Resp: 521125
Ion Ratio Lower Upper
108 100
107 89.3 70.1 105.1



#14
2,2'-oxybis(1-Chloropropane)
Concen: 27.006 ng/ul
RT: 8.392 min Scan# 902
Delta R.T. -0.000 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

Tgt Ion: 45 Resp: 797250
Ion Ratio Lower Upper
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77 13.8 11.1 16.7
79 10.4 8.4 12.6

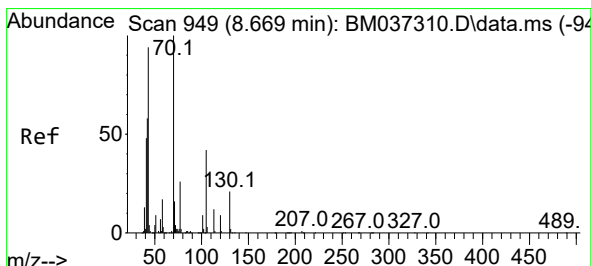
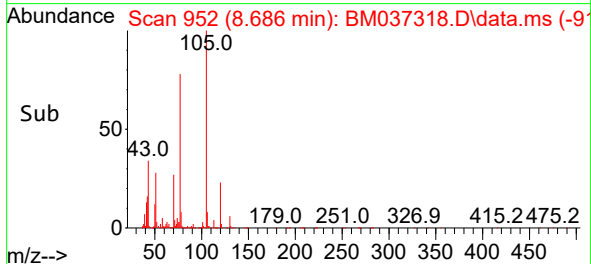
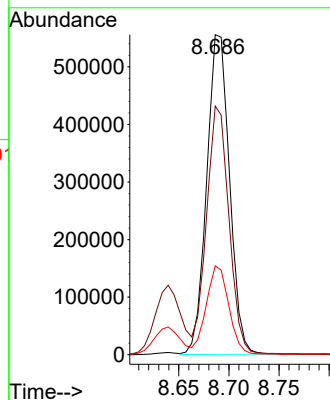
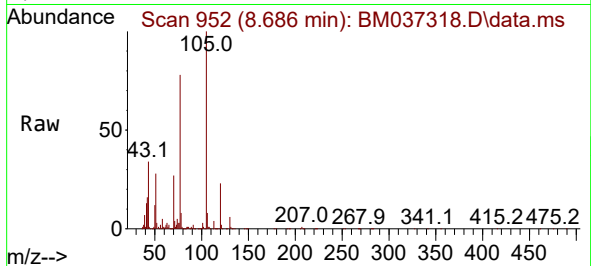




#16
Acetophenone
Concen: 27.353 ng/ul
RT: 8.686 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

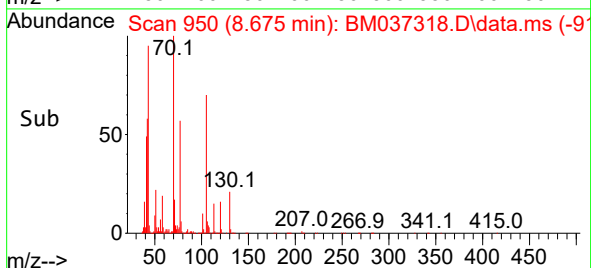
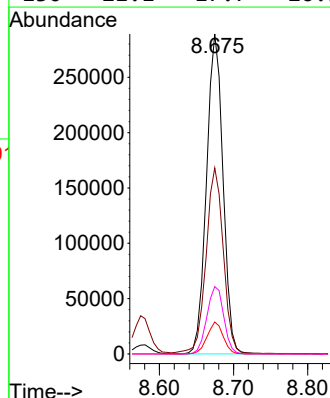
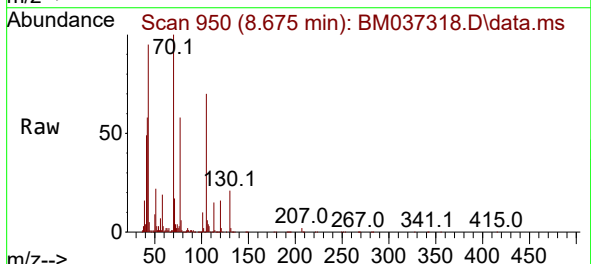
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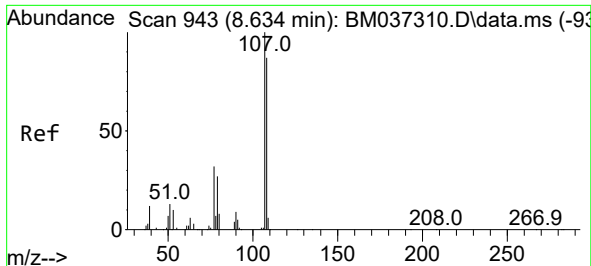
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Ion Ratio Lower Upper
105 100
77 77.7 59.8 89.6
51 27.8 21.3 31.9



#17
N-Nitroso-di-n-propylamine
Concen: 27.859 ng/ul
RT: 8.675 min Scan# 950
Delta R.T. -0.000 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

Tgt Ion: 70 Resp: 446250
Ion Ratio Lower Upper
70 100
42 58.1 46.8 70.2
101 10.0 8.2 12.2
130 21.1 17.7 26.5

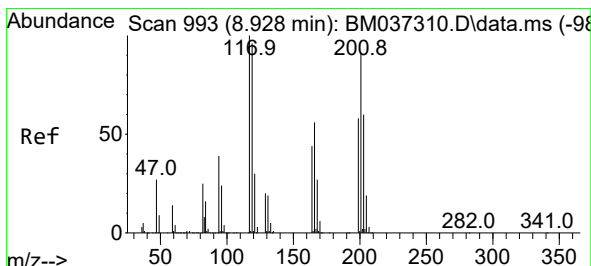
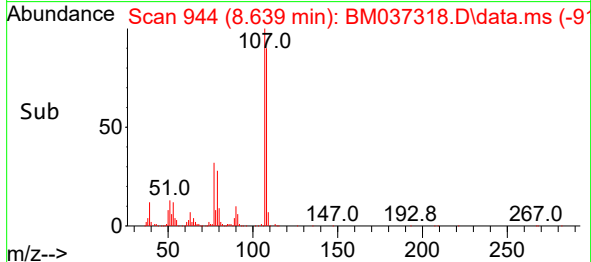
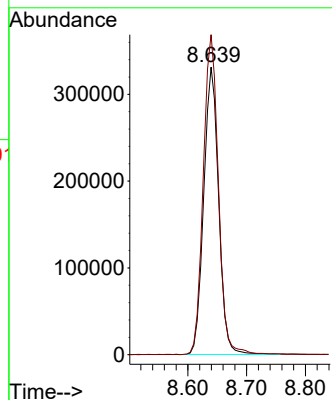
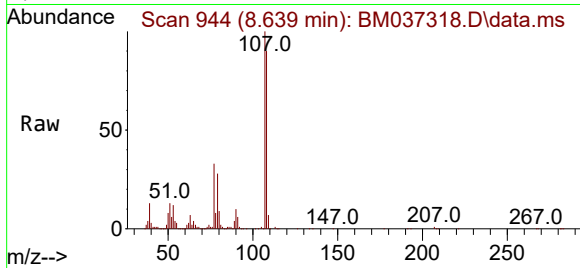




#18
4-Methylphenol
Concen: 26.866 ng/ul
RT: 8.639 min Scan# 943
Delta R.T. -0.000 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

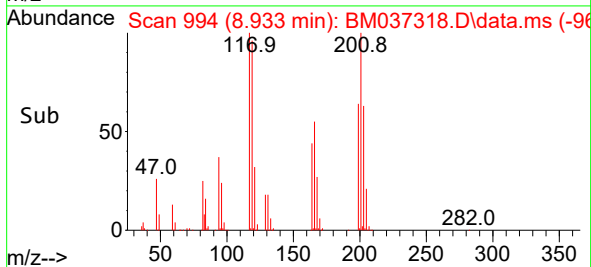
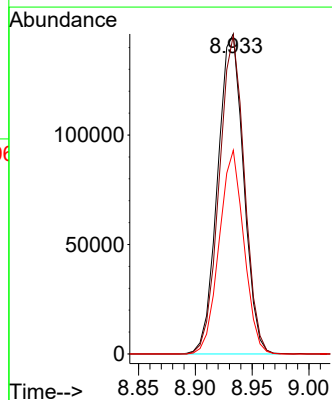
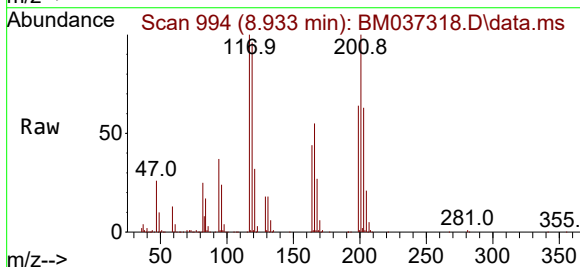
Instrument :
BNA_M
ClientSampleId :
SLCS668

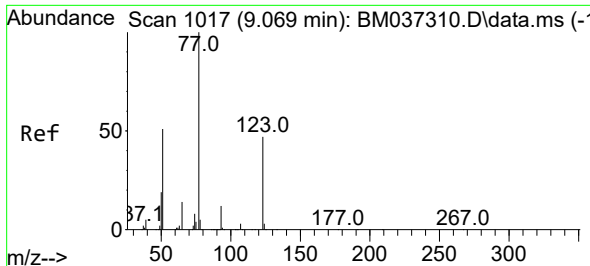
Tgt Ion:108 Resp: 584974
Ion Ratio Lower Upper
108 100
107 111.3 89.3 133.9



#19
Hexachloroethane
Concen: 28.791 ng/ul
RT: 8.933 min Scan# 994
Delta R.T. -0.000 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

Tgt Ion:117 Resp: 232622
Ion Ratio Lower Upper
117 100
201 99.6 80.1 120.1
199 63.6 50.0 75.0

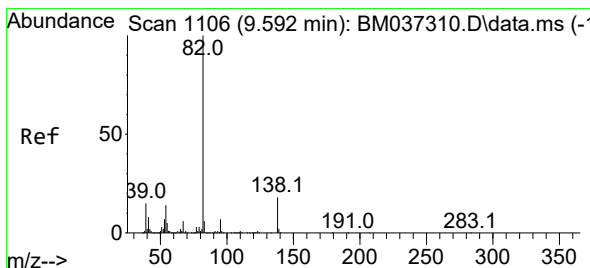
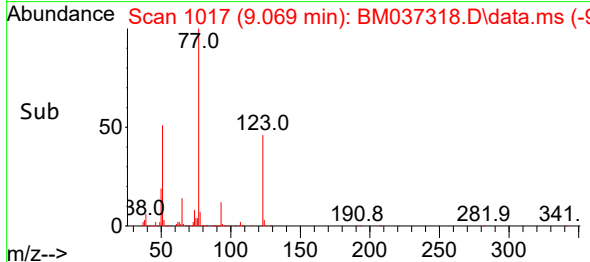
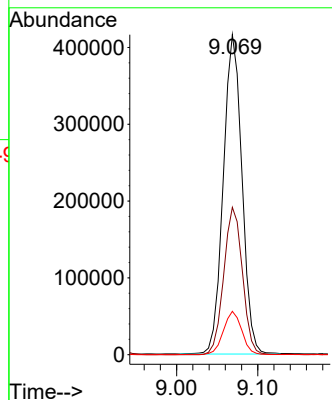
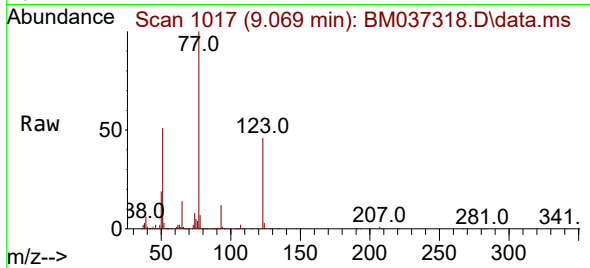




#22
Nitrobenzene
Concen: 28.436 ng/ul
RT: 9.069 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

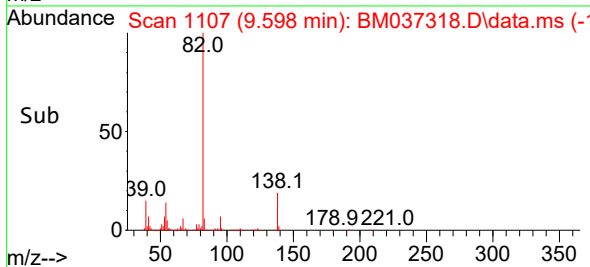
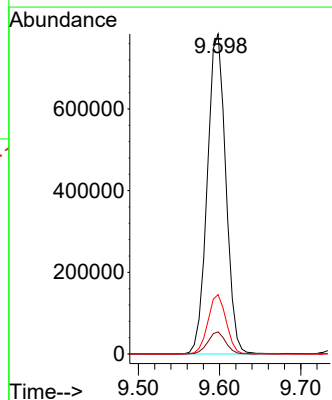
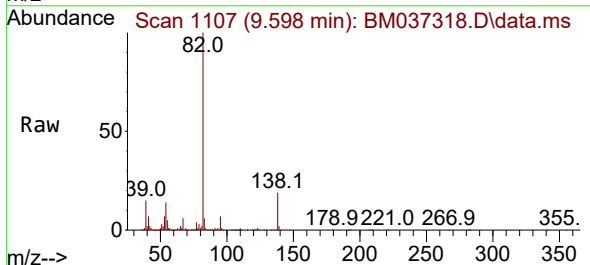
Instrument :
BNA_M
ClientSampleId :
SLCS668

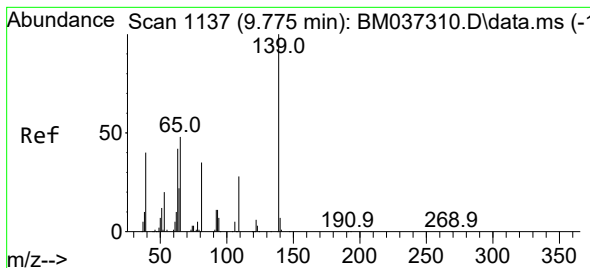
Tgt Ion: 77 Resp: 666367
Ion Ratio Lower Upper
77 100
123 46.1 37.3 55.9
65 13.6 10.1 15.1



#23
Isophorone
Concen: 27.333 ng/ul
RT: 9.598 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

Tgt Ion: 82 Resp: 1235388
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.0
138 18.5 15.0 22.6

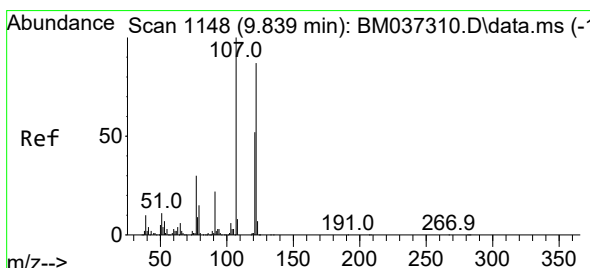
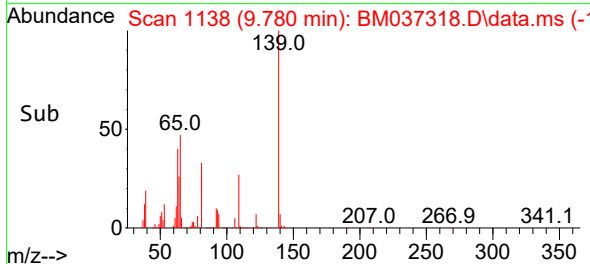
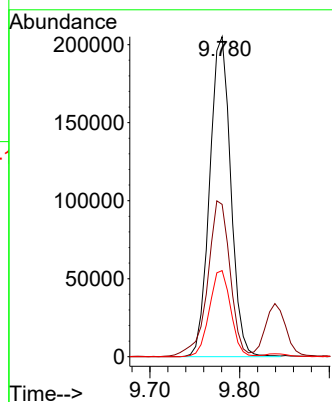
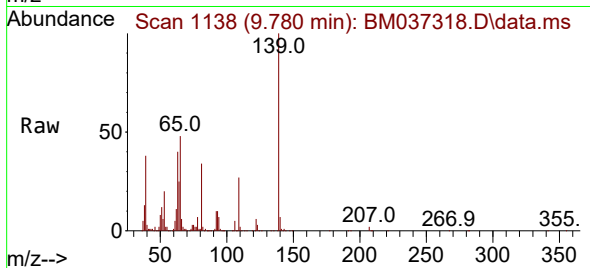




#25
2-Nitrophenol
Concen: 27.665 ng/ul
RT: 9.780 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

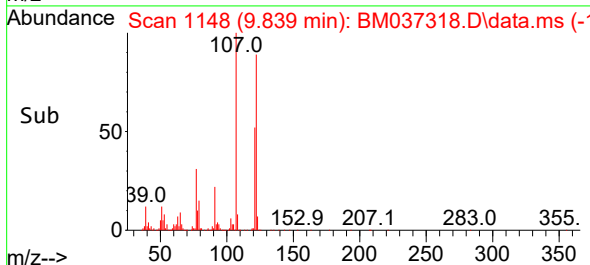
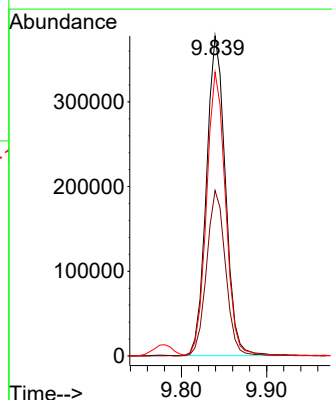
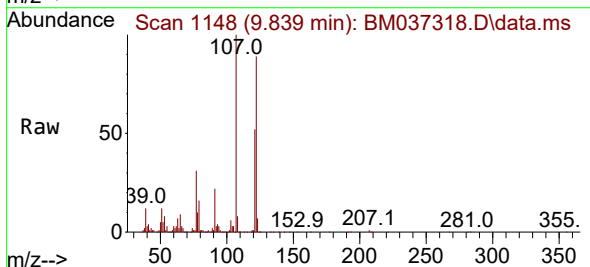
Instrument :
BNA_M
ClientSampleId :
SLCS668

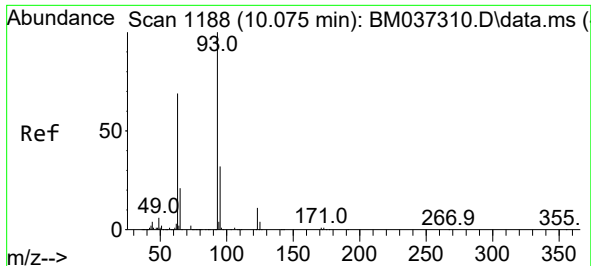
Tgt Ion:139 Resp: 334402
Ion Ratio Lower Upper
139 100
65 47.6 37.9 56.9
109 26.9 21.4 32.2



#26
2,4-Dimethylphenol
Concen: 25.765 ng/ul
RT: 9.839 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

Tgt Ion:107 Resp: 585594
Ion Ratio Lower Upper
107 100
121 51.7 42.4 63.6
122 88.7 71.8 107.8





#27

Bis(2-Chloroethoxy)methane

Concen: 28.165 ng/ul

RT: 10.080 min Scan# 1188

Delta R.T. -0.000 min

Lab File: BM037318.D

Acq: 02 Nov 2022 16:15

Instrument :

BNA_M

ClientSampleId :

SLCS668

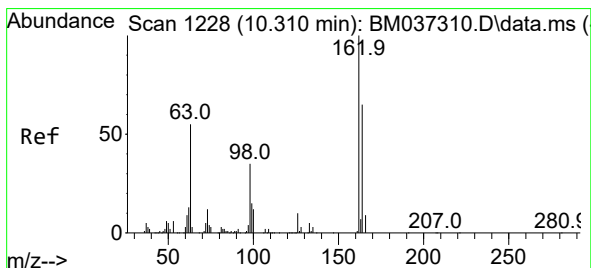
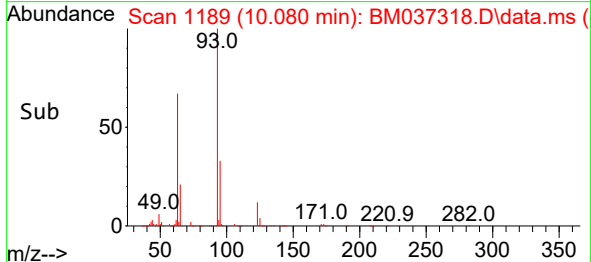
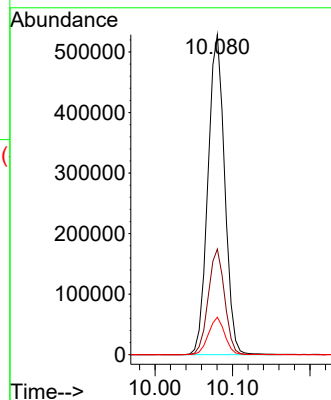
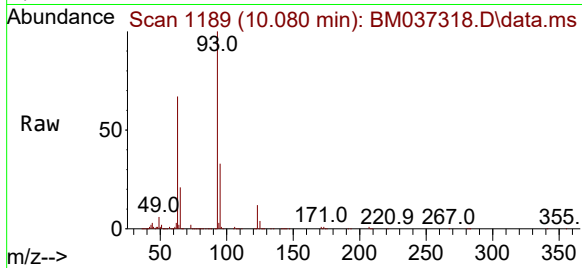
Tgt Ion: 93 Resp: 791437

Ion Ratio Lower Upper

93 100

95 33.0 25.6 38.4

123 11.7 9.4 14.0



#29

2,4-Dichlorophenol

Concen: 27.953 ng/ul

RT: 10.310 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BM037318.D

Acq: 02 Nov 2022 16:15

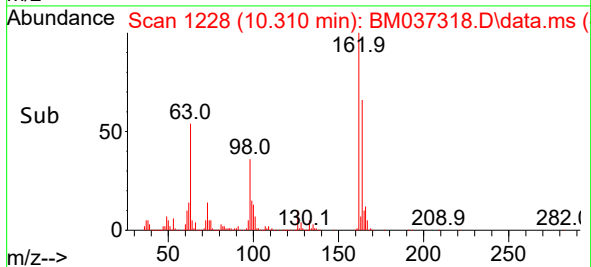
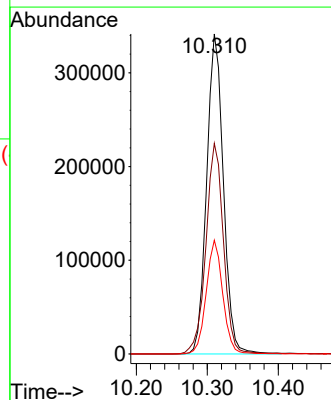
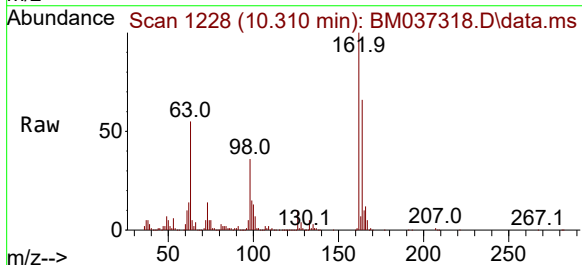
Tgt Ion: 162 Resp: 560882

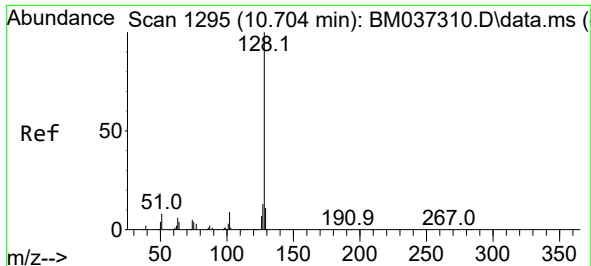
Ion Ratio Lower Upper

162 100

164 65.8 52.7 79.1

98 35.6 27.4 41.2

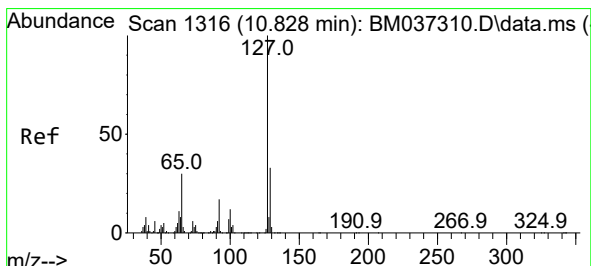
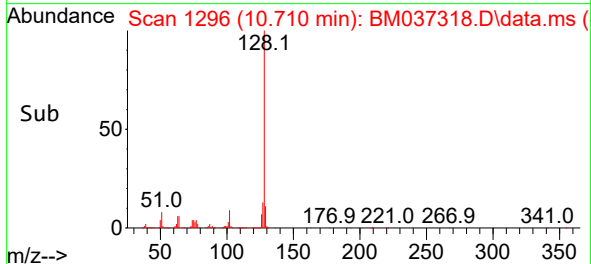
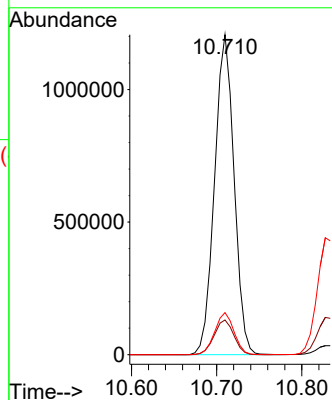
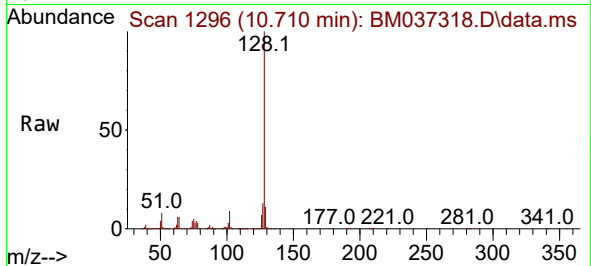




#30
Naphthalene
Concen: 27.688 ng/ul
RT: 10.710 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

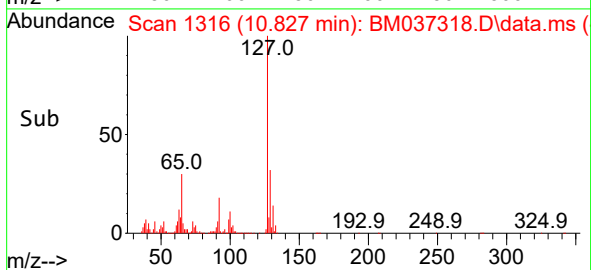
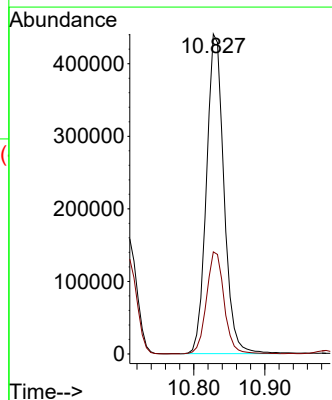
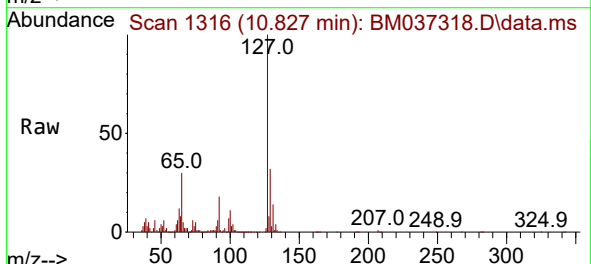
Instrument :
BNA_M
ClientSampleId :
SLCS668

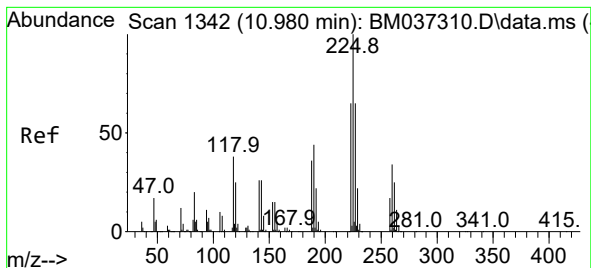
Tgt Ion:128 Resp: 1920032
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.2 10.4 15.6



#32
4-Chloroaniline
Concen: 24.437 ng/ul
RT: 10.827 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

Tgt Ion:127 Resp: 754497
Ion Ratio Lower Upper
127 100
129 31.9 25.4 38.2





#33

Hexachlorobutadiene

Concen: 26.875 ng/ul

RT: 10.986 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM037318.D

Acq: 02 Nov 2022 16:15

Instrument :

BNA_M

ClientSampleId :

SLCS668

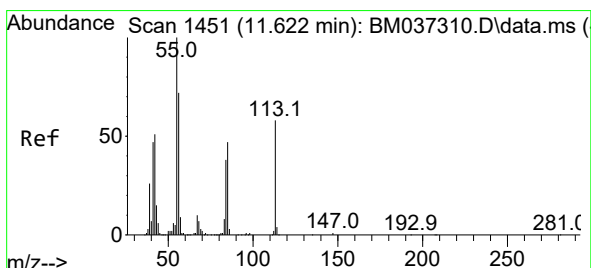
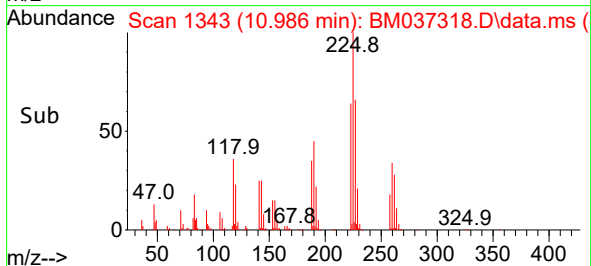
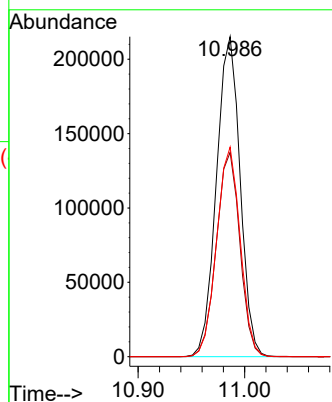
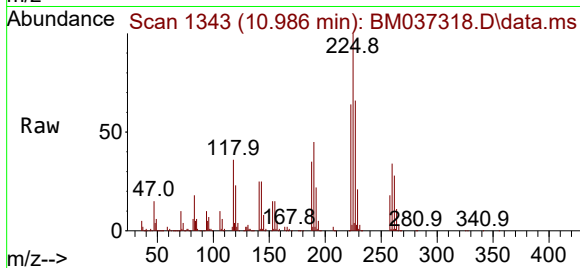
Tgt Ion:225 Resp: 332095

Ion Ratio Lower Upper

225 100

223 63.9 50.4 75.6

227 65.5 51.7 77.5



#34

Caprolactam

Concen: 28.235 ng/ul

RT: 11.627 min Scan# 1452

Delta R.T. 0.006 min

Lab File: BM037318.D

Acq: 02 Nov 2022 16:15

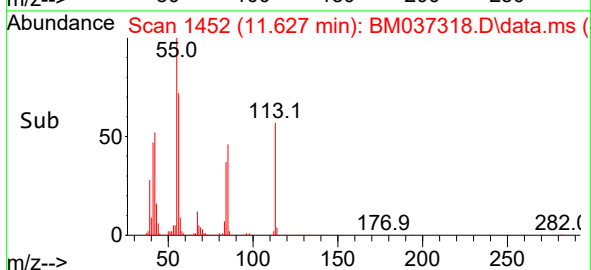
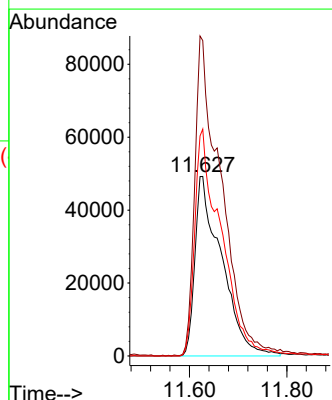
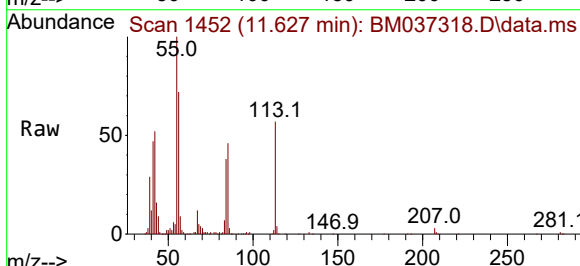
Tgt Ion:113 Resp: 186432

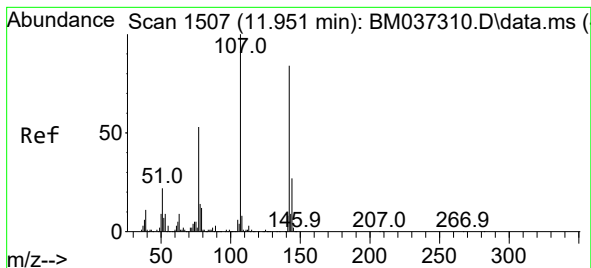
Ion Ratio Lower Upper

113 100

55 175.7 137.7 206.5

56 126.4 97.0 145.6

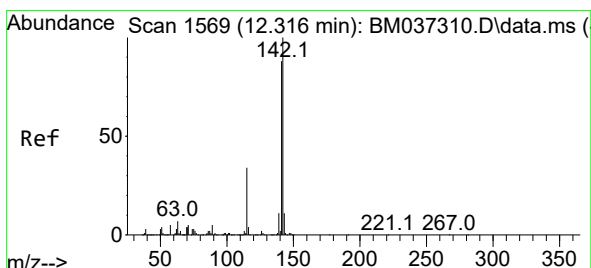
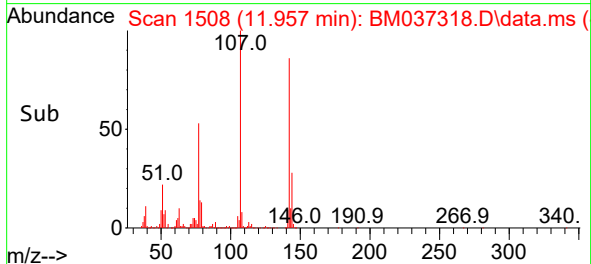
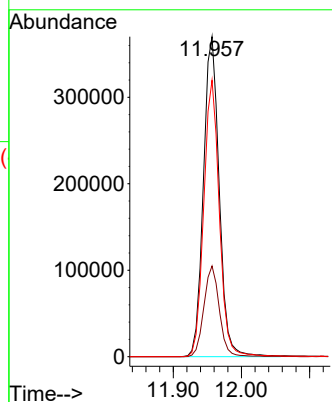
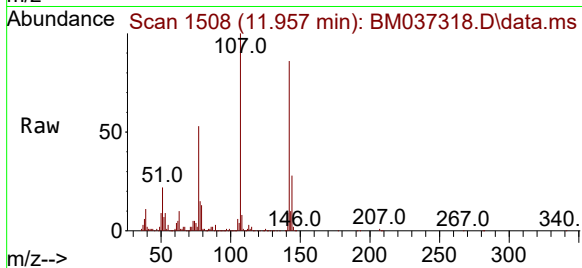




#35
 4-Chloro-3-methylphenol
 Concen: 28.659 ng/ul
 RT: 11.957 min Scan# 1508
 Delta R.T. -0.000 min
 Lab File: BM037318.D
 Acq: 02 Nov 2022 16:15

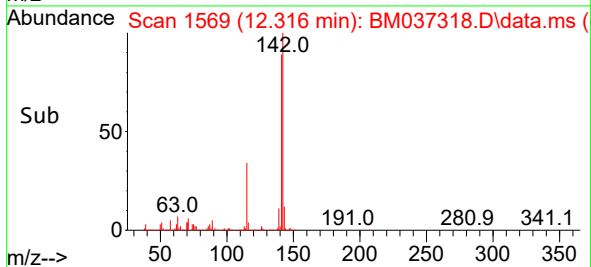
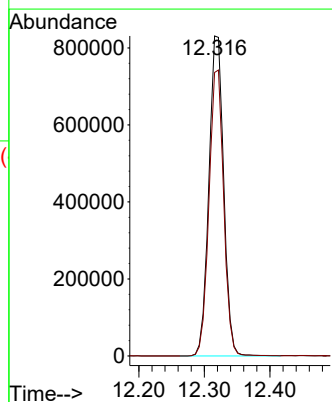
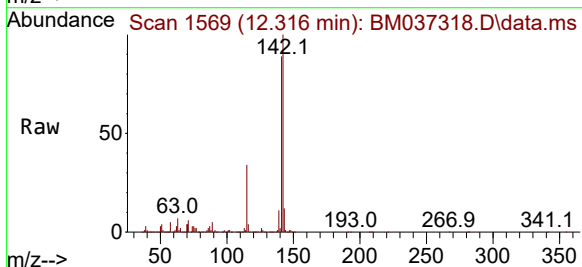
Instrument :
 BNA_M
 ClientSampleId :
 SLCS668

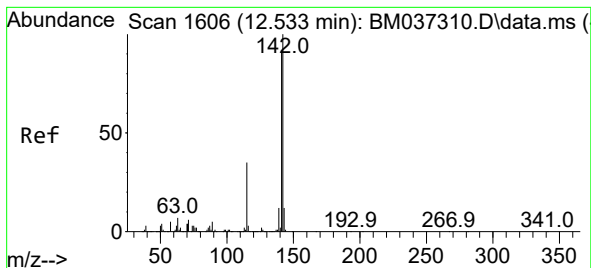
Tgt Ion:107 Resp: 596468
 Ion Ratio Lower Upper
 107 100
 144 28.4 23.3 34.9
 142 86.4 69.4 104.2



#36
 2-Methylnaphthalene
 Concen: 27.211 ng/ul
 RT: 12.316 min Scan# 1569
 Delta R.T. -0.006 min
 Lab File: BM037318.D
 Acq: 02 Nov 2022 16:15

Tgt Ion:142 Resp: 1303149
 Ion Ratio Lower Upper
 142 100
 141 88.6 71.4 107.2





#37

1-Methylnaphthalene

Concen: 27.497 ng/ul

RT: 12.539 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM037318.D

Acq: 02 Nov 2022 16:15

Instrument :

BNA_M

ClientSampleId :

SLCS668

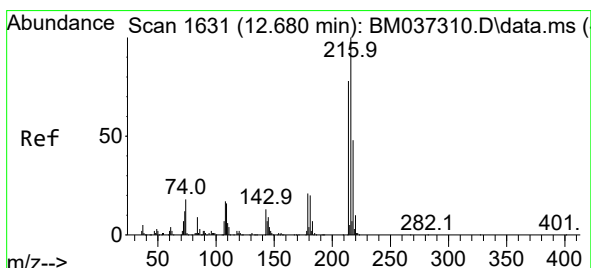
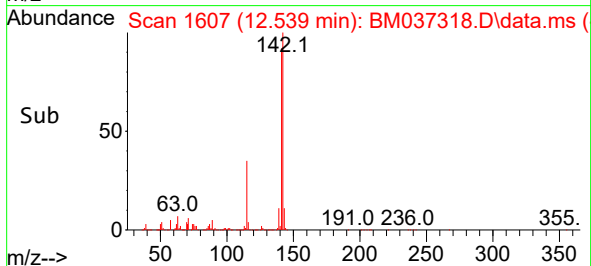
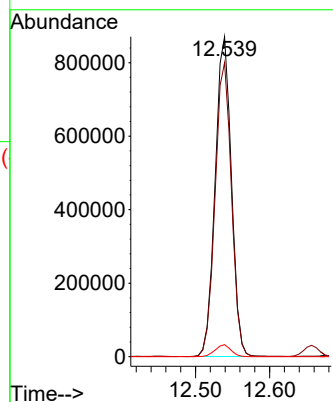
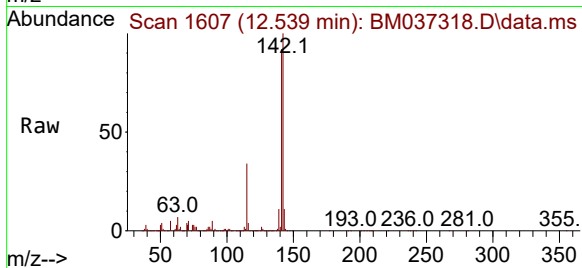
Tgt Ion:142 Resp: 1325075

Ion Ratio Lower Upper

142 100

141 91.9 73.0 109.6

116 3.8 2.9 4.3



#39

1,2,4,5-Tetrachlorobenzene

Concen: 26.612 ng/ul

RT: 12.686 min Scan# 1632

Delta R.T. -0.000 min

Lab File: BM037318.D

Acq: 02 Nov 2022 16:15

Tgt Ion:216 Resp: 669394

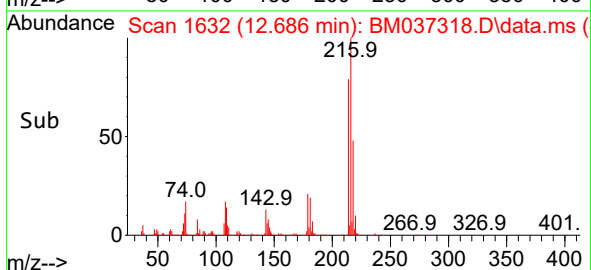
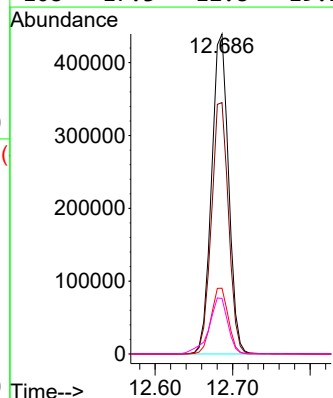
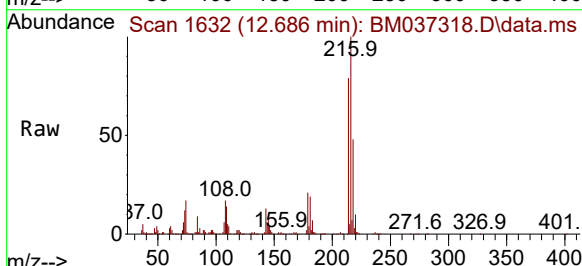
Ion Ratio Lower Upper

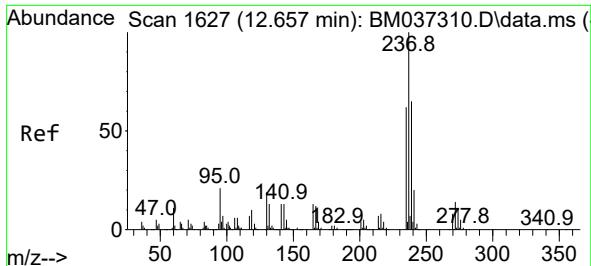
216 100

214 78.5 62.2 93.4

179 20.5 16.2 24.4

108 17.3 12.8 19.2

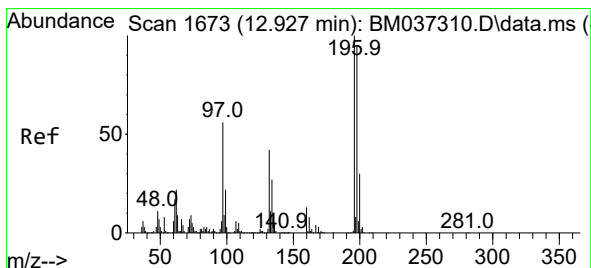
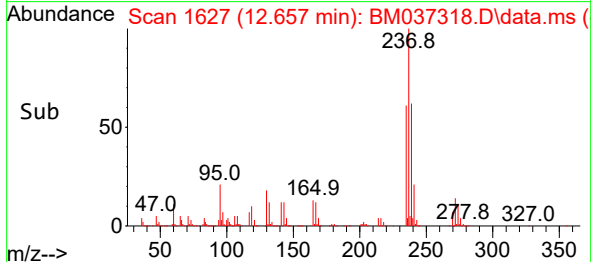
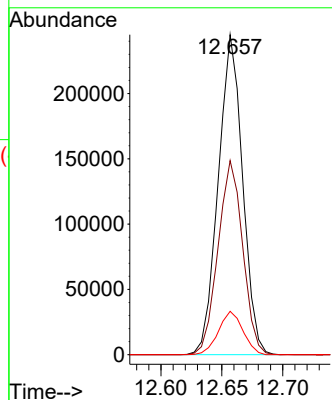
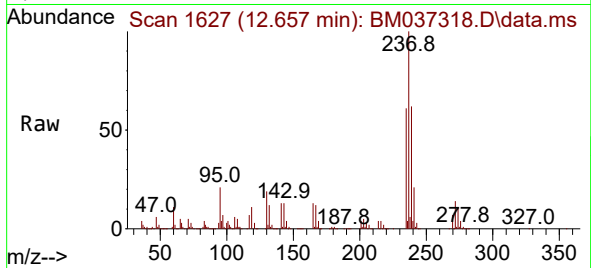




#40
Hexachlorocyclopentadiene
Concen: 24.229 ng/ul
RT: 12.657 min Scan# 1627
Delta R.T. -0.000 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

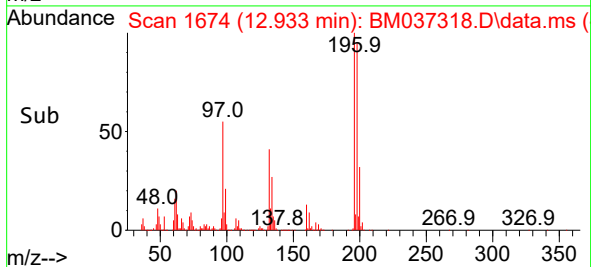
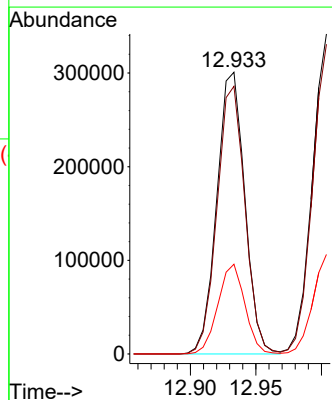
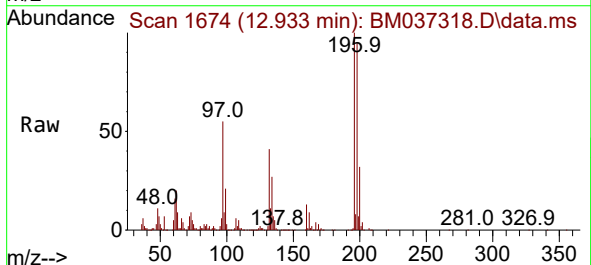
Instrument :
BNA_M
ClientSampleId :
SLCS668

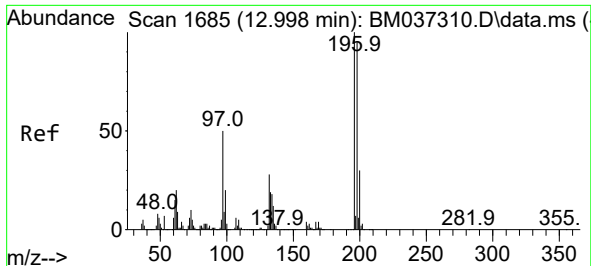
Tgt Ion:237 Resp: 340709
Ion Ratio Lower Upper
237 100
235 60.6 50.6 75.8
272 13.5 10.8 16.2



#41
2,4,6-Trichlorophenol
Concen: 27.498 ng/ul
RT: 12.933 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

Tgt Ion:196 Resp: 446502
Ion Ratio Lower Upper
196 100
198 95.0 78.5 117.7
200 31.8 25.0 37.6

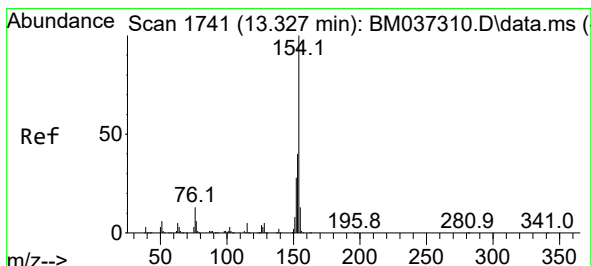
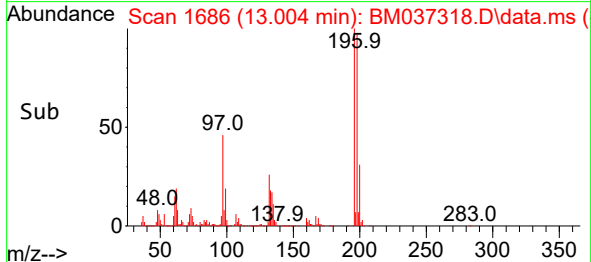
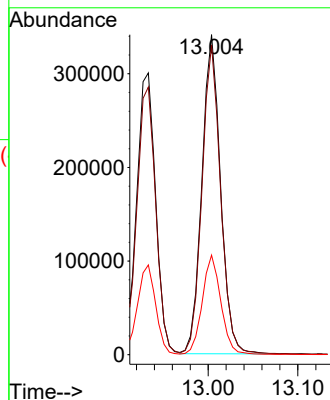
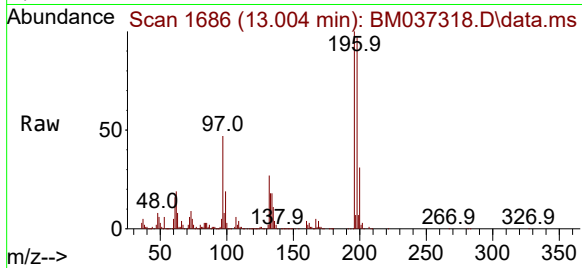




#42
2,4,5-Trichlorophenol
Concen: 28.150 ng/ul
RT: 13.004 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

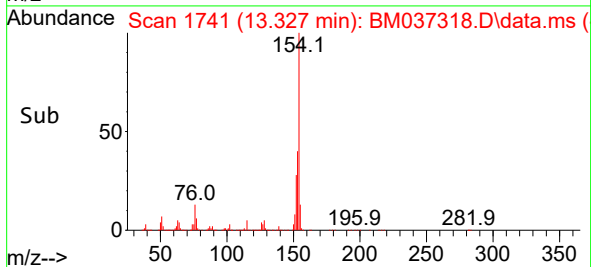
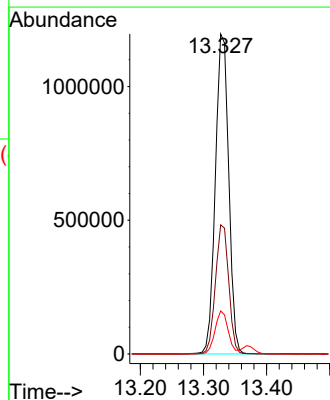
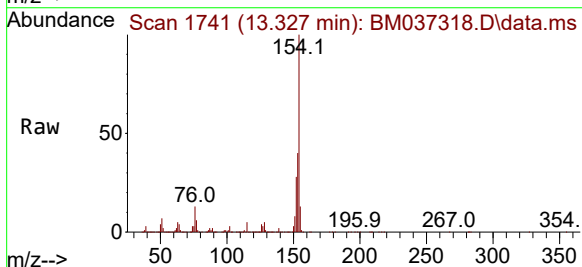
Instrument :
BNA_M
ClientSampleId :
SLCS668

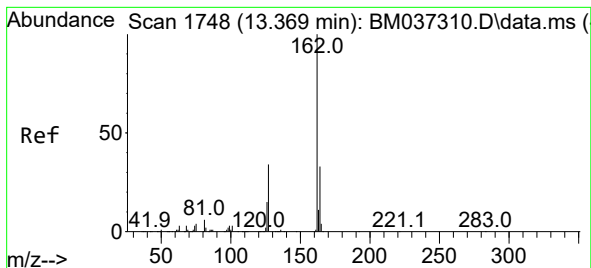
Tgt Ion:196 Resp: 492181
Ion Ratio Lower Upper
196 100
198 96.8 78.0 117.0
200 31.1 24.9 37.3



#43
1,1'-Biphenyl
Concen: 28.167 ng/ul
RT: 13.327 min Scan# 1741
Delta R.T. -0.000 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

Tgt Ion:154 Resp: 1754533
Ion Ratio Lower Upper
154 100
153 40.4 31.9 47.9
76 13.4 10.6 15.8





#44

2-Chloronaphthalene

Concen: 27.856 ng/ul

RT: 13.368 min Scan# 11

Delta R.T. -0.000 min

Lab File: BM037318.D

Acq: 02 Nov 2022 16:15

Instrument :

BNA_M

ClientSampleId :

SLCS668

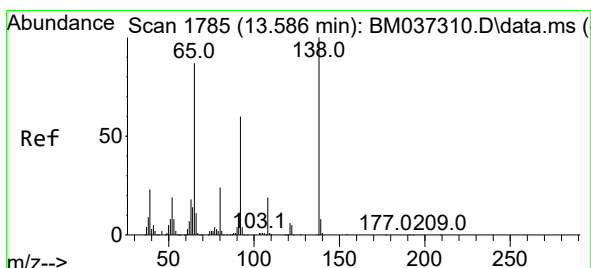
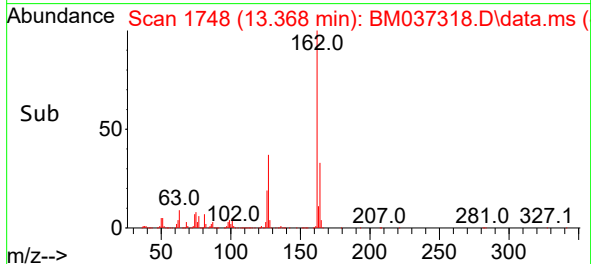
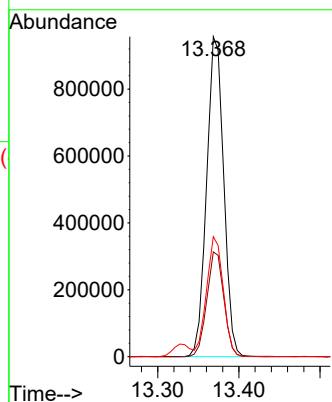
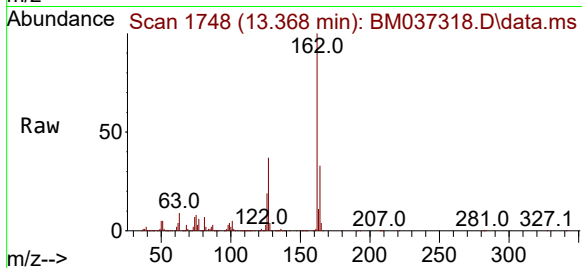
Tgt Ion:162 Resp: 1394280

Ion Ratio Lower Upper

162 100

164 32.8 26.6 39.8

127 37.5 29.8 44.8



#45

2-Nitroaniline

Concen: 30.355 ng/ul

RT: 13.586 min Scan# 1785

Delta R.T. -0.000 min

Lab File: BM037318.D

Acq: 02 Nov 2022 16:15

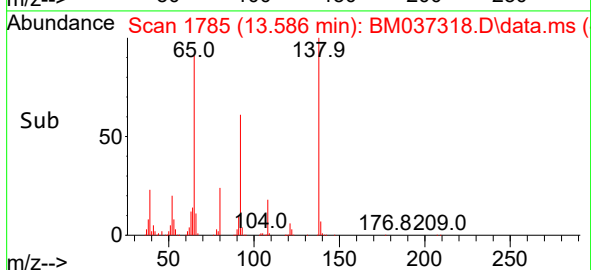
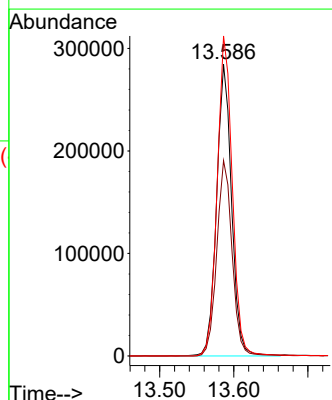
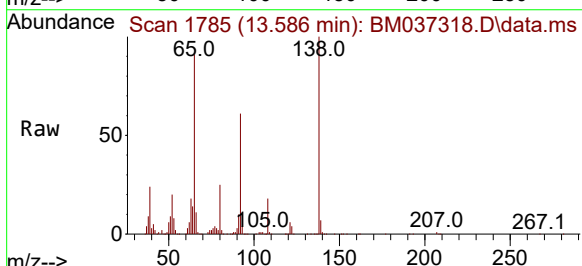
Tgt Ion: 65 Resp: 400629

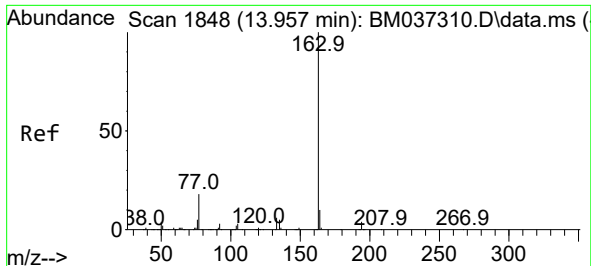
Ion Ratio Lower Upper

65 100

92 67.0 53.9 80.9

138 109.8 89.1 133.7





#47

Dimethylphthalate

Concen: 28.483 ng/ul

RT: 13.957 min Scan# 1848

Delta R.T. -0.000 min

Lab File: BM037318.D

Acq: 02 Nov 2022 16:15

Instrument :

BNA_M

ClientSampleId :

SLCS668

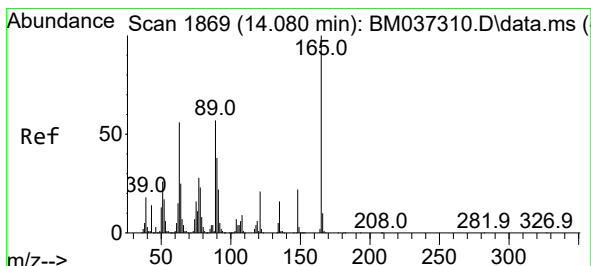
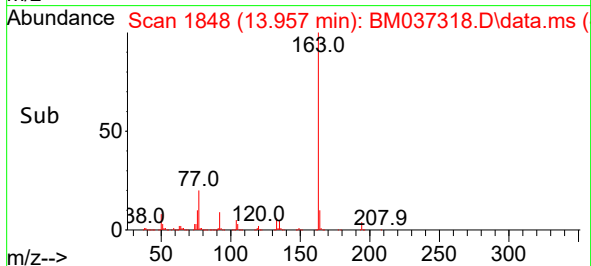
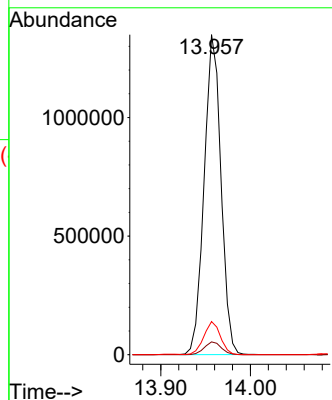
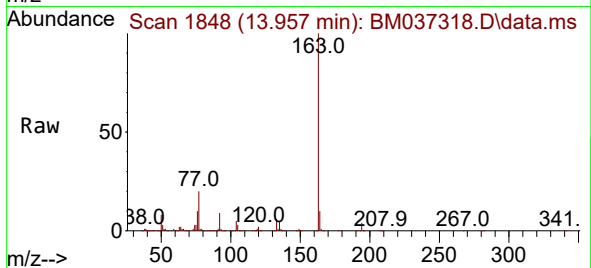
Tgt Ion:163 Resp: 1758129

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.4 8.0 12.0



#48

2,6-Dinitrotoluene

Concen: 29.884 ng/ul

RT: 14.080 min Scan# 1869

Delta R.T. -0.000 min

Lab File: BM037318.D

Acq: 02 Nov 2022 16:15

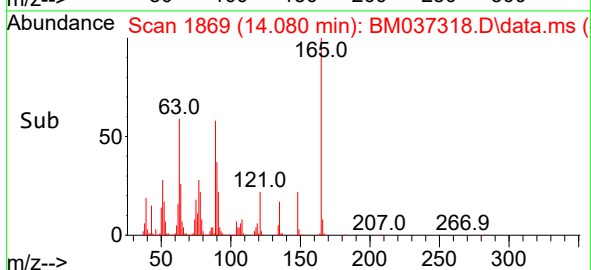
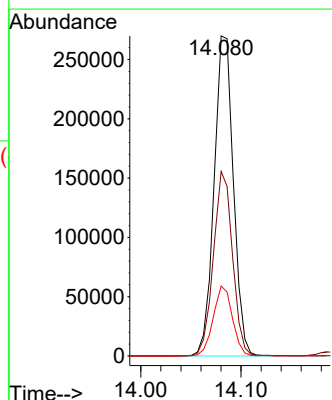
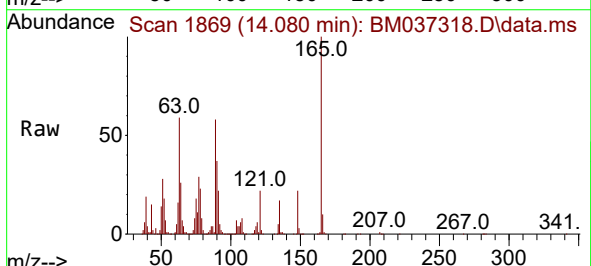
Tgt Ion:165 Resp: 361177

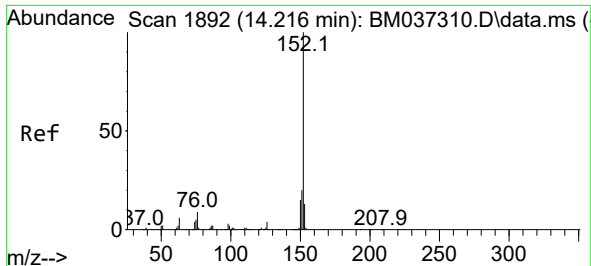
Ion Ratio Lower Upper

165 100

89 57.6 45.4 68.0

121 21.9 17.0 25.6

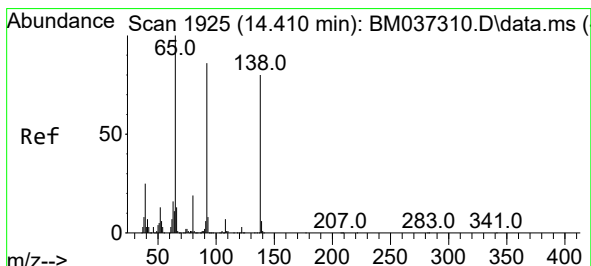
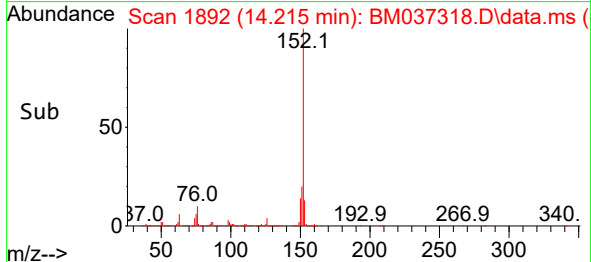
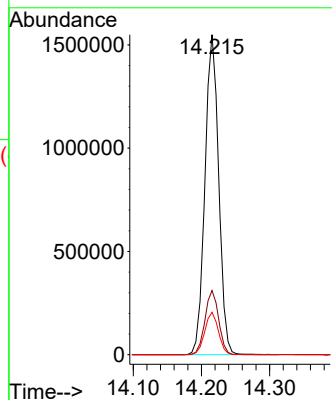
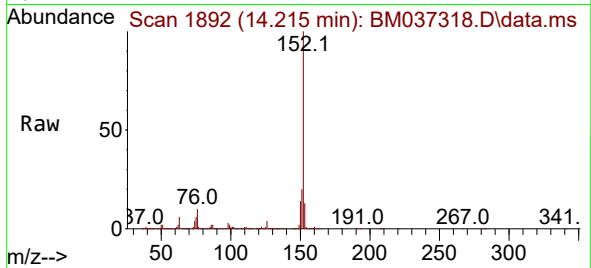




#50
Acenaphthylene
Concen: 28.519 ng/ul
RT: 14.215 min Scan# 1892
Delta R.T. -0.000 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

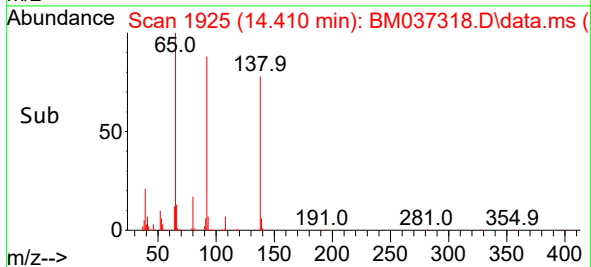
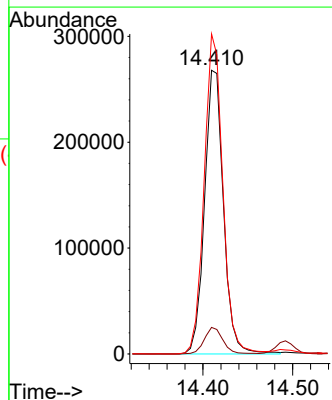
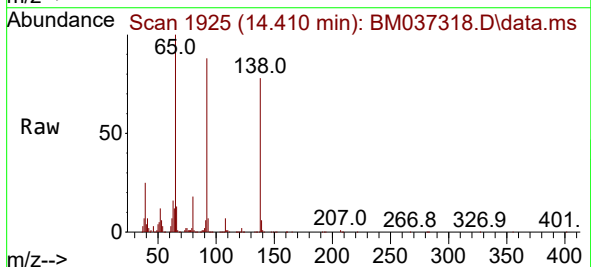
Instrument :
BNA_M
ClientSampleId :
SLCS668

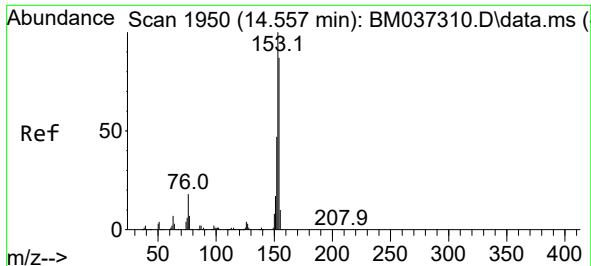
Tgt Ion:152 Resp: 2171587
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 13.3 10.5 15.7



#51
3-Nitroaniline
Concen: 30.172 ng/ul
RT: 14.410 min Scan# 1925
Delta R.T. -0.006 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

Tgt Ion:138 Resp: 393511
Ion Ratio Lower Upper
138 100
108 9.3 7.1 10.7
92 112.8 85.5 128.3

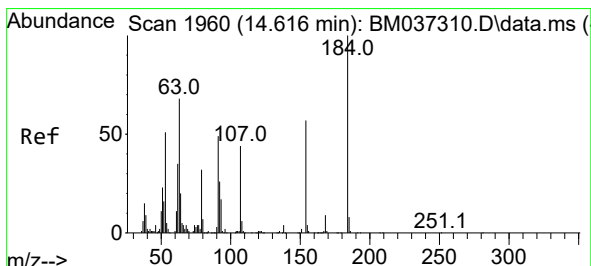
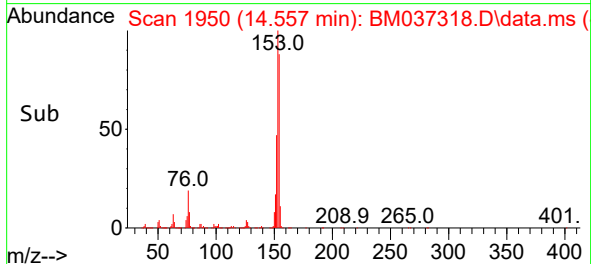
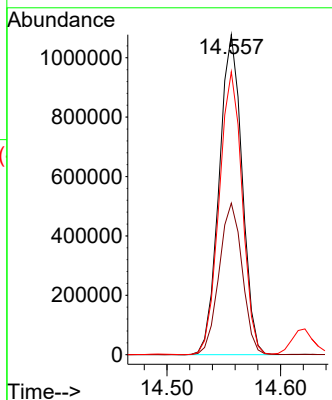
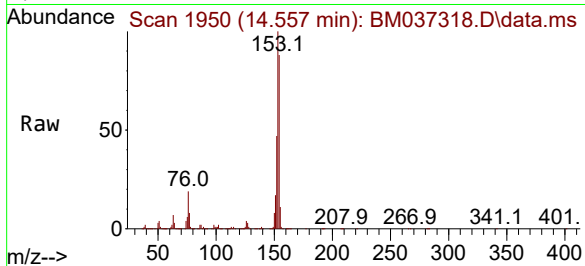




#52
Acenaphthene
Concen: 27.955 ng/ul
RT: 14.557 min Scan# 1950
Delta R.T. -0.000 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

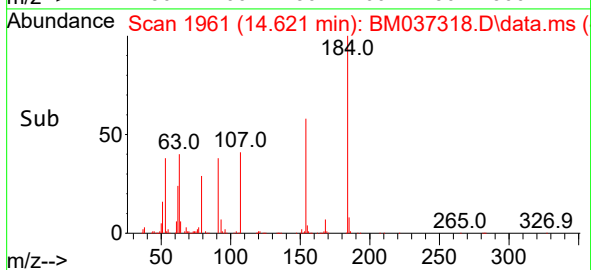
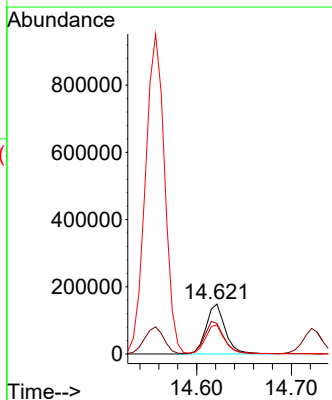
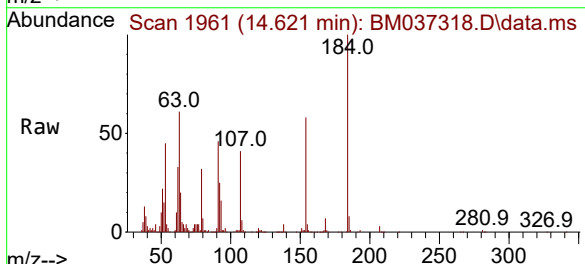
Instrument :
BNA_M
ClientSampleId :
SLCS668

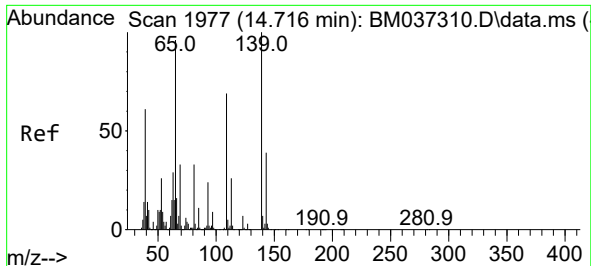
Tgt Ion:153 Resp: 1514686
Ion Ratio Lower Upper
153 100
152 47.4 38.2 57.2
154 88.4 71.0 106.6



#53
2,4-Dinitrophenol
Concen: 25.611 ng/ul
RT: 14.621 min Scan# 1961
Delta R.T. -0.000 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

Tgt Ion:184 Resp: 207854
Ion Ratio Lower Upper
184 100
63 61.1 49.0 73.6
154 58.2 45.9 68.9

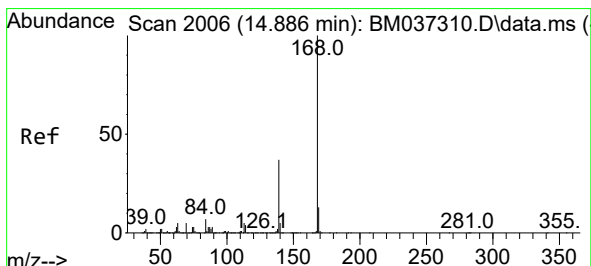
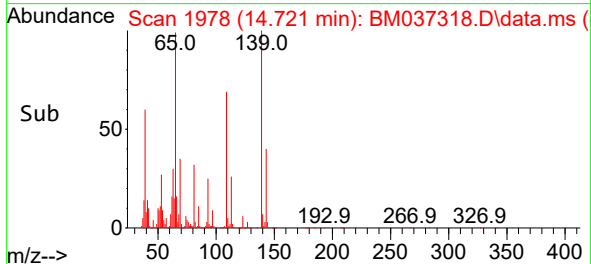
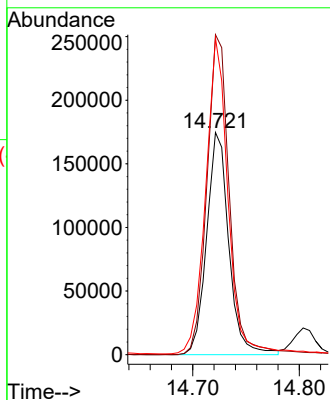
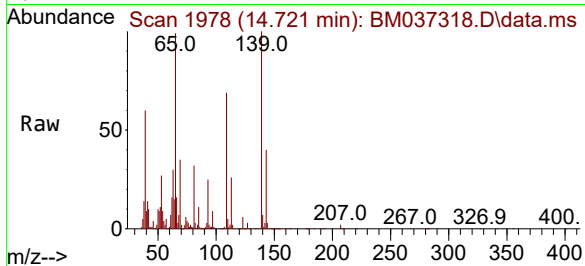




#55
4-Nitrophenol
Concen: 29.615 ng/ul
RT: 14.721 min Scan# 1977
Delta R.T. -0.000 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

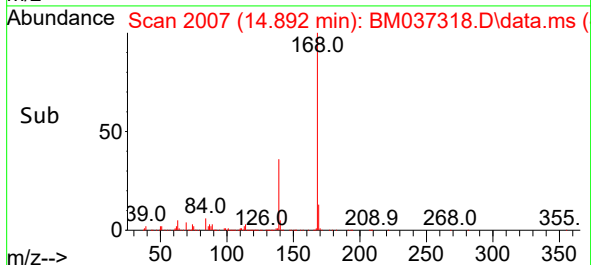
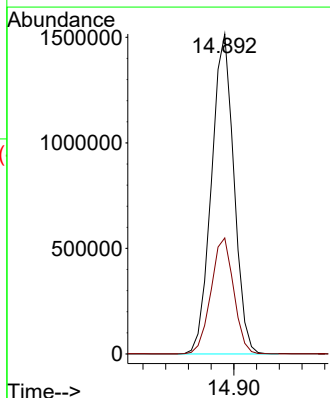
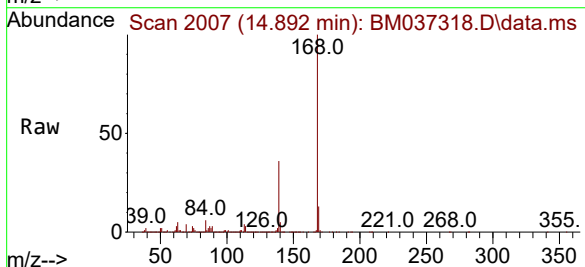
Instrument :
BNA_M
ClientSampleId :
SLCS668

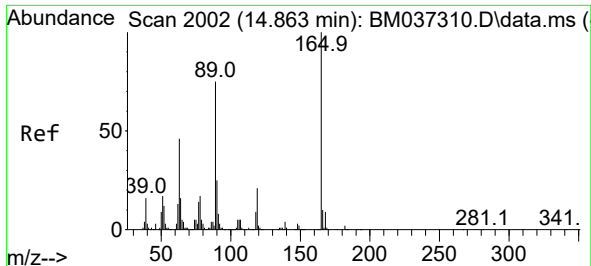
Tgt Ion:109 Resp: 252245
Ion Ratio Lower Upper
109 100
139 144.0 117.1 175.7
65 142.5 106.2 159.4



#56
Dibenzofuran
Concen: 28.410 ng/ul
RT: 14.892 min Scan# 2007
Delta R.T. -0.000 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

Tgt Ion:168 Resp: 2078459
Ion Ratio Lower Upper
168 100
139 36.3 28.4 42.6





#57

2,4-Dinitrotoluene

Concen: 29.841 ng/ul

RT: 14.868 min Scan# 2002

Delta R.T. -0.000 min

Lab File: BM037318.D

Acq: 02 Nov 2022 16:15

Instrument :

BNA_M

ClientSampleId :

SLCS668

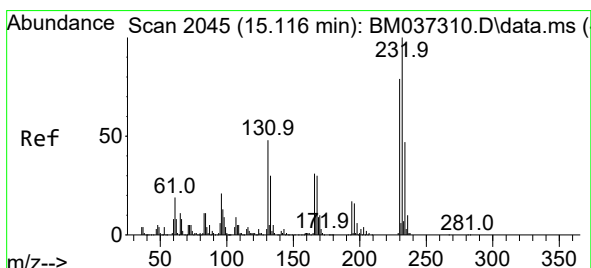
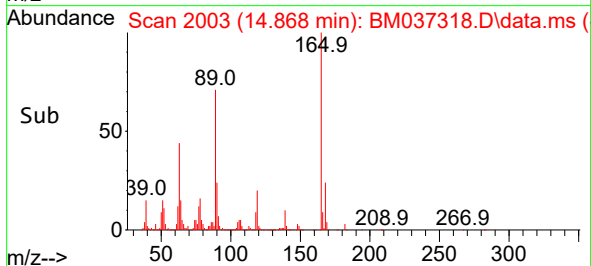
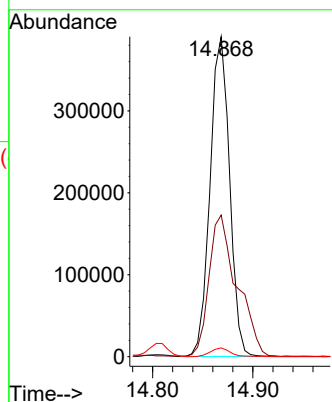
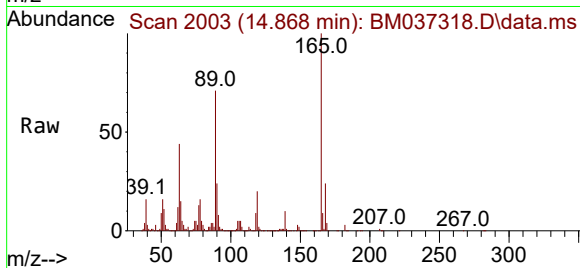
Tgt Ion:165 Resp: 528443

Ion Ratio Lower Upper

165 100

63 44.2 32.8 49.2

182 2.7 2.2 3.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 27.476 ng/ul

RT: 15.115 min Scan# 2045

Delta R.T. -0.000 min

Lab File: BM037318.D

Acq: 02 Nov 2022 16:15

Tgt Ion:232 Resp: 418232

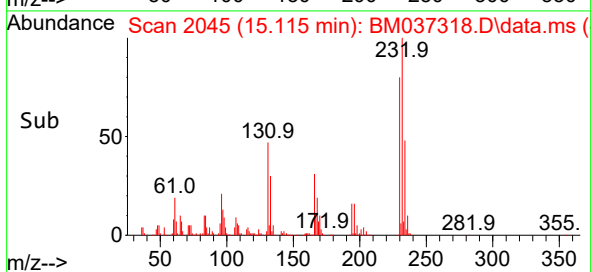
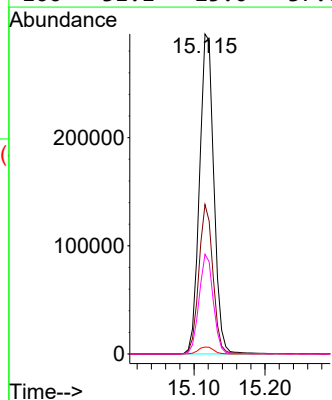
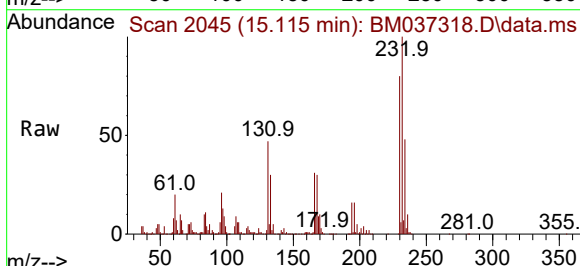
Ion Ratio Lower Upper

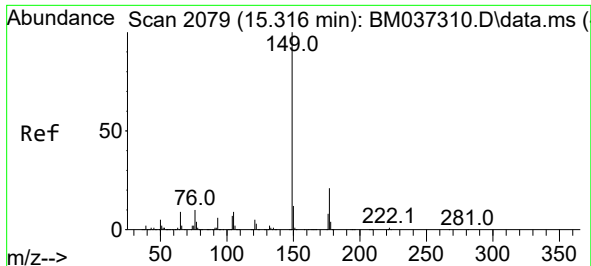
232 100

131 46.7 36.5 54.7

130 2.2 1.8 2.8

166 31.1 25.0 37.6

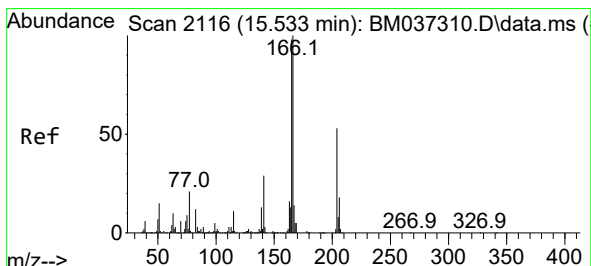
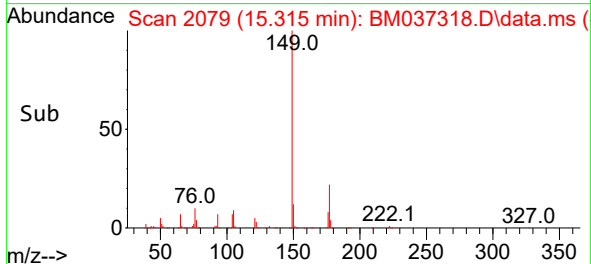
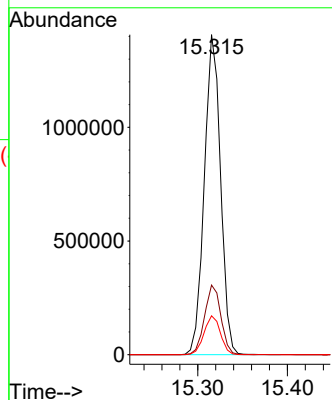
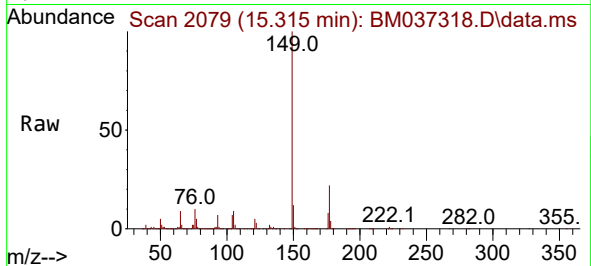




#59
Diethylphthalate
Concen: 28.724 ng/ul
RT: 15.315 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

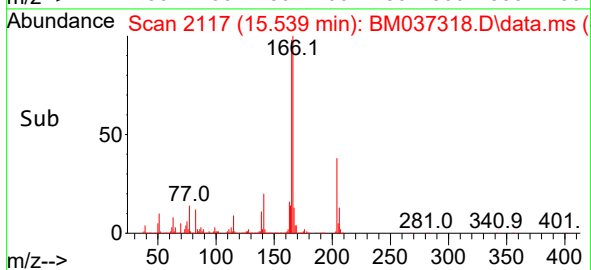
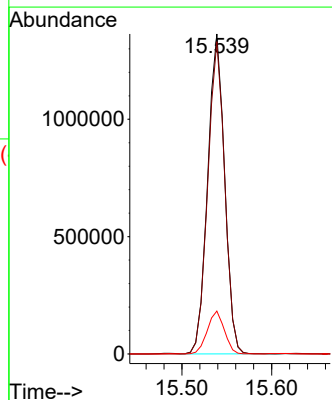
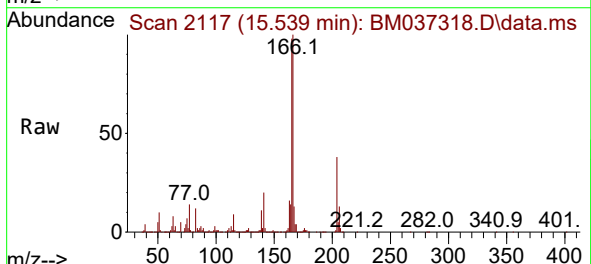
Instrument :
BNA_M
ClientSampleId :
SLCS668

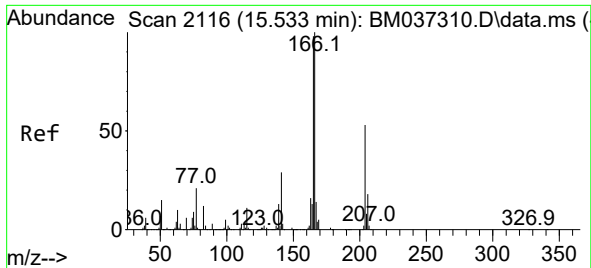
Tgt Ion:149 Resp: 1765905
Ion Ratio Lower Upper
149 100
177 21.7 17.8 26.8
150 12.2 9.8 14.8



#61
Fluorene
Concen: 28.861 ng/ul
RT: 15.539 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

Tgt Ion:166 Resp: 1786015
Ion Ratio Lower Upper
166 100
165 97.6 77.9 116.9
167 13.4 10.8 16.2

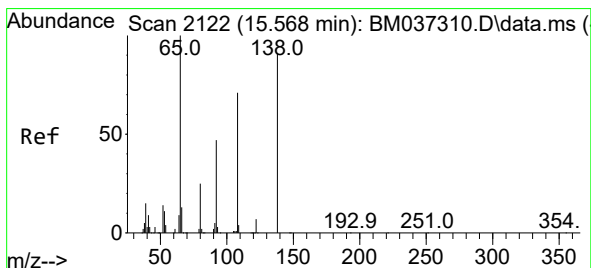
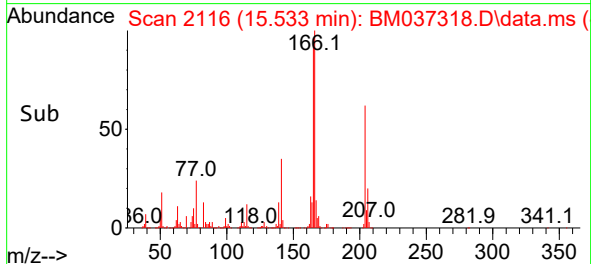
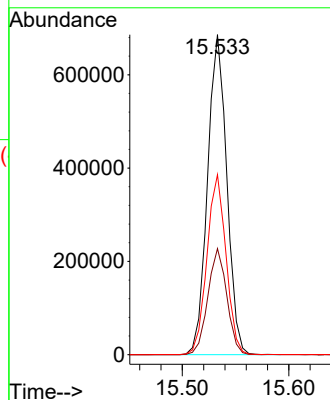
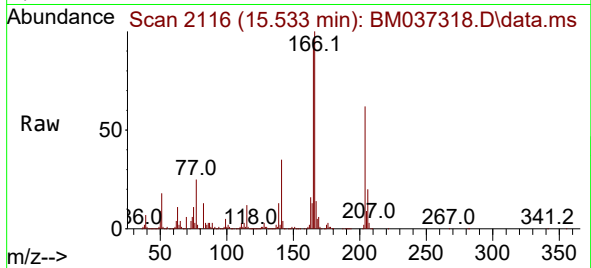




#62
4-Chlorophenyl-phenylether
Concen: 28.372 ng/ul
RT: 15.533 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

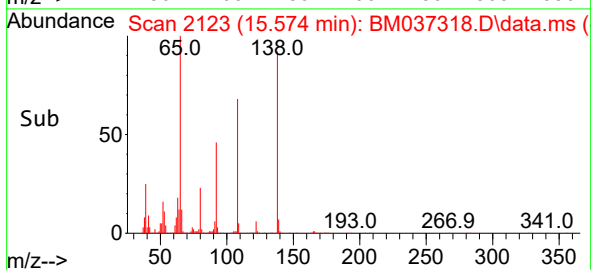
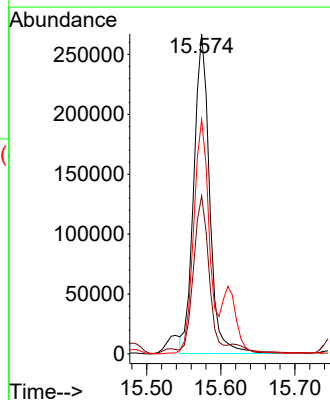
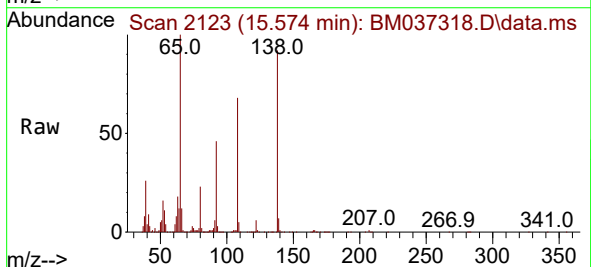
Instrument :
BNA_M
ClientSampleId :
SLCS668

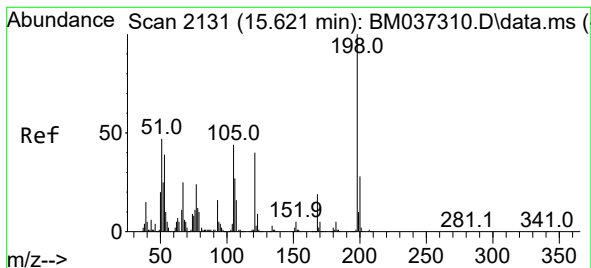
Tgt Ion:204 Resp: 862859
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 56.2 44.2 66.4



#63
4-Nitroaniline
Concen: 32.603 ng/ul
RT: 15.574 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

Tgt Ion:138 Resp: 395338
Ion Ratio Lower Upper
138 100
92 49.4 38.5 57.7
108 73.3 57.0 85.4

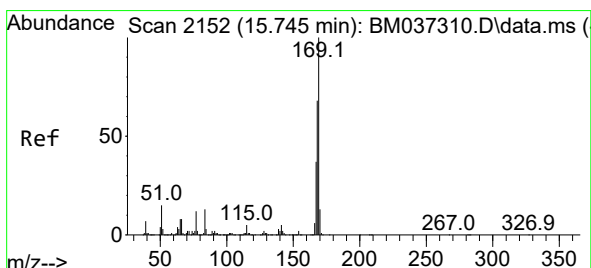
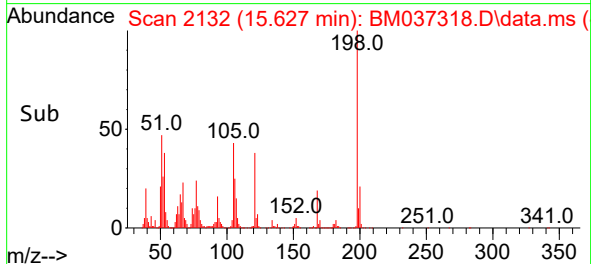
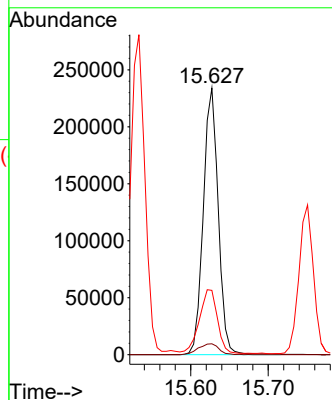
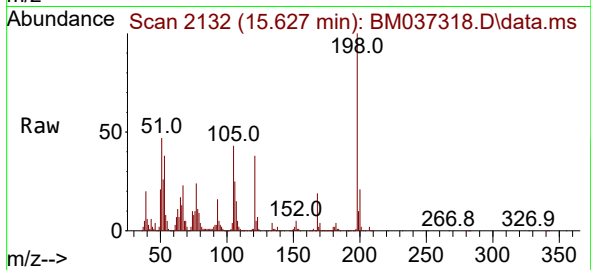




#66
4,6-Dinitro-2-methylphenol
Concen: 26.359 ng/ul
RT: 15.627 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

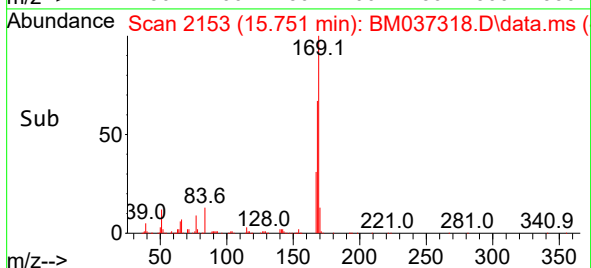
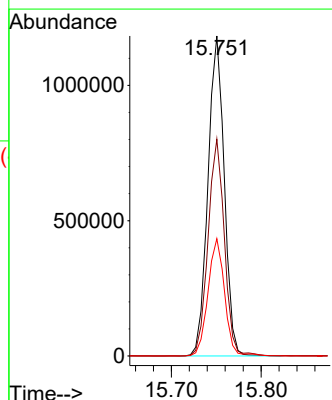
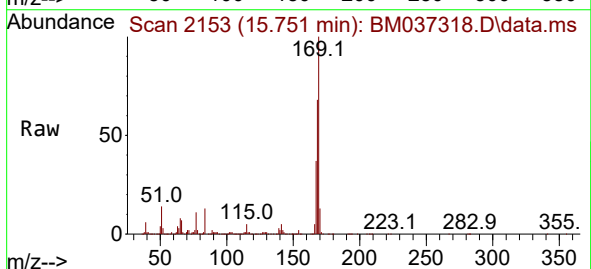
Instrument :
BNA_M
ClientSampleId :
SLCS668

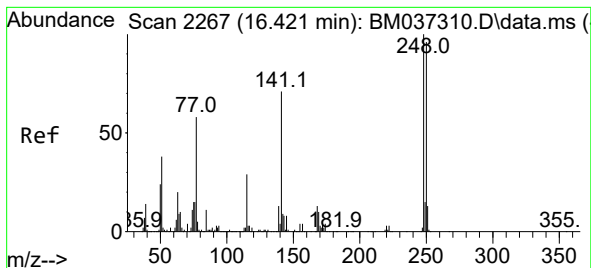
Tgt Ion:198 Resp: 313492
Ion Ratio Lower Upper
198 100
182 4.1 3.4 5.0
77 24.1 18.1 27.1



#67
N-Nitrosodiphenylamine
Concen: 28.501 ng/ul
RT: 15.751 min Scan# 2153
Delta R.T. -0.000 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

Tgt Ion:169 Resp: 1493404
Ion Ratio Lower Upper
169 100
168 67.8 54.0 81.0
167 36.7 29.0 43.6

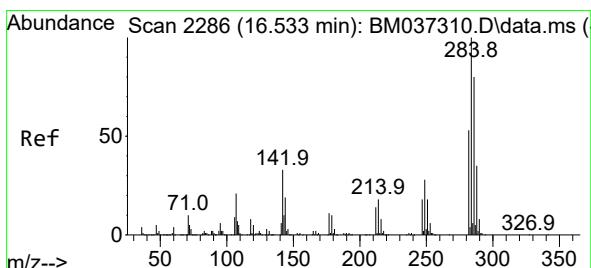
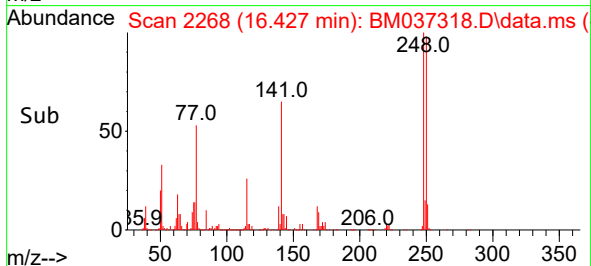
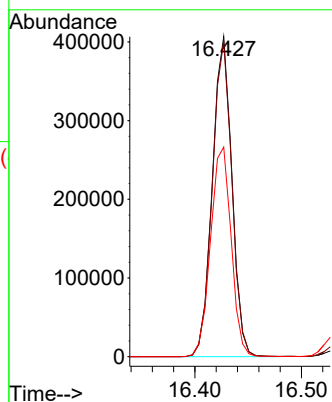
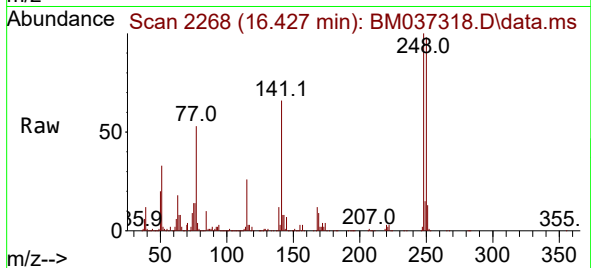




#68
4-Bromophenyl-phenylether
Concen: 27.542 ng/ul
RT: 16.427 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

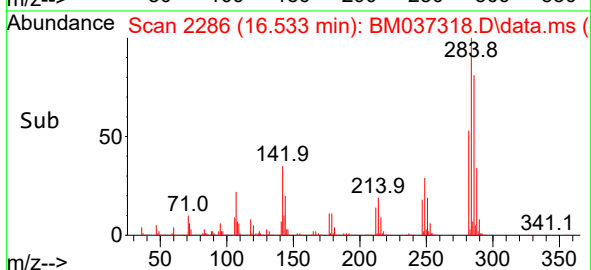
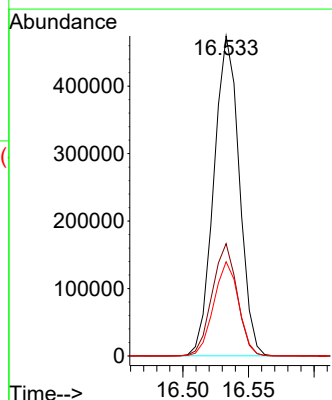
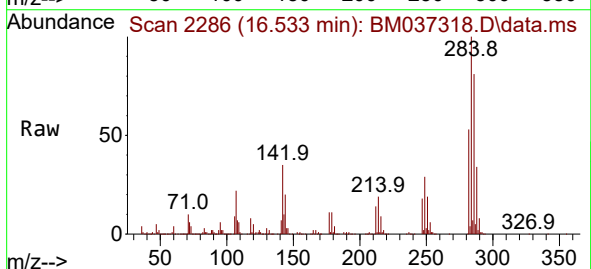
Instrument :
BNA_M
ClientSampleId :
SLCS668

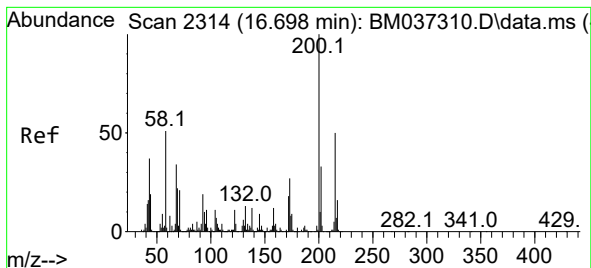
Tgt Ion:248 Resp: 517901
Ion Ratio Lower Upper
248 100
250 98.5 78.6 117.8
141 65.5 52.5 78.7



#69
Hexachlorobenzene
Concen: 27.839 ng/ul
RT: 16.533 min Scan# 2286
Delta R.T. -0.000 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

Tgt Ion:284 Resp: 638886
Ion Ratio Lower Upper
284 100
142 35.1 27.2 40.8
249 29.5 23.9 35.9





#70

Atrazine

Concen: 17.484 ng/ul

RT: 16.704 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM037318.D

Acq: 02 Nov 2022 16:15

Instrument :

BNA_M

ClientSampleId :

SLCS668

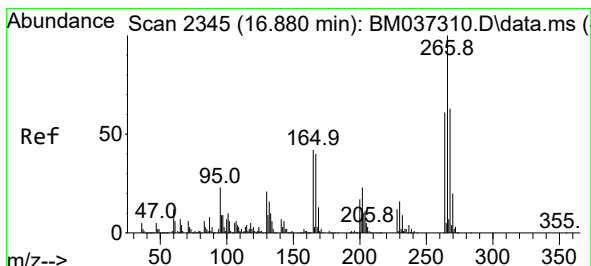
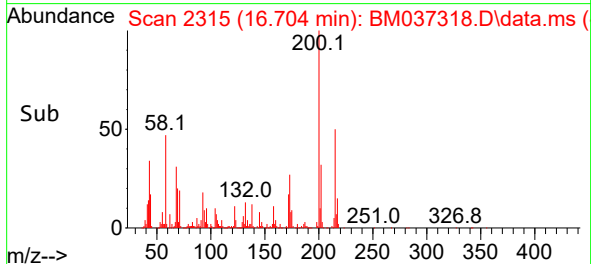
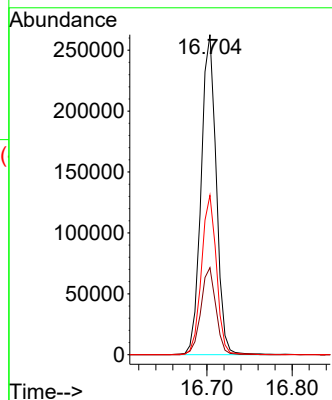
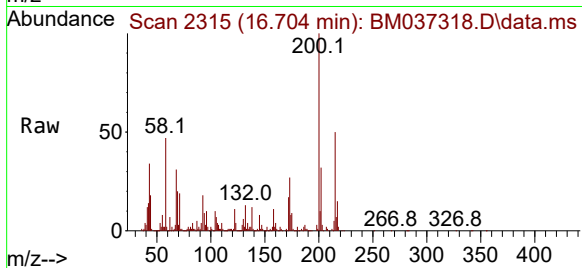
Tgt Ion:200 Resp: 324314

Ion Ratio Lower Upper

200 100

173 27.2 21.8 32.8

215 49.8 40.2 60.4



#71

Pentachlorophenol

Concen: 25.001 ng/ul

RT: 16.886 min Scan# 2346

Delta R.T. -0.000 min

Lab File: BM037318.D

Acq: 02 Nov 2022 16:15

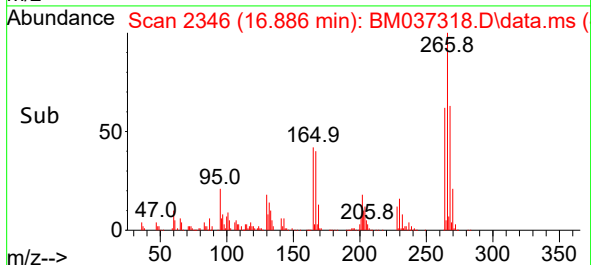
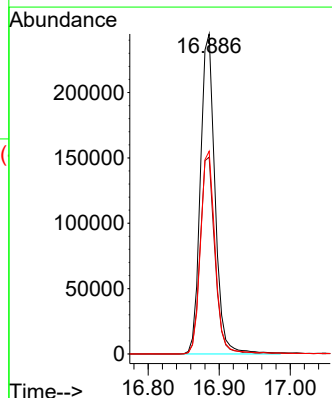
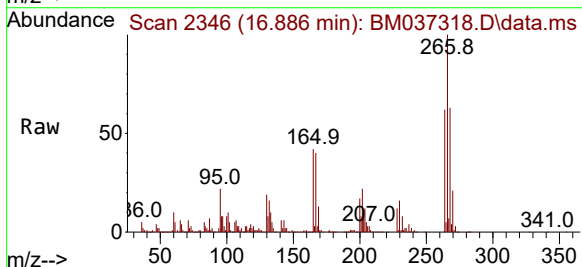
Tgt Ion:266 Resp: 351107

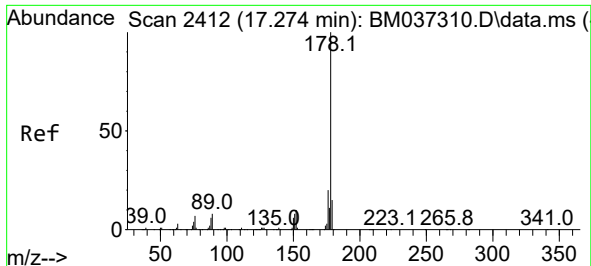
Ion Ratio Lower Upper

266 100

264 61.5 48.3 72.5

268 63.4 49.5 74.3

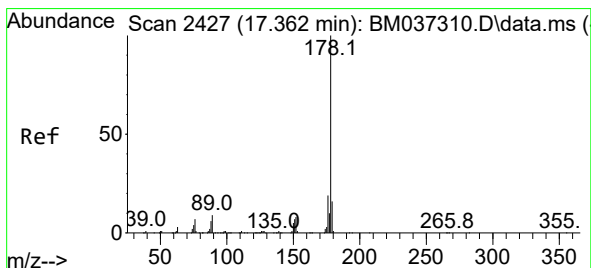
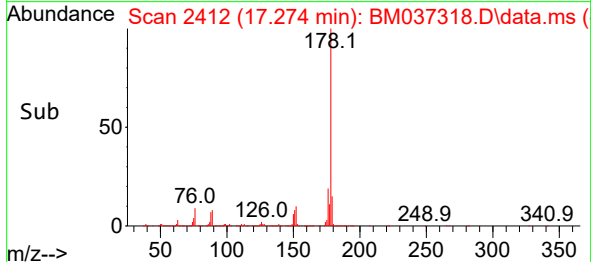
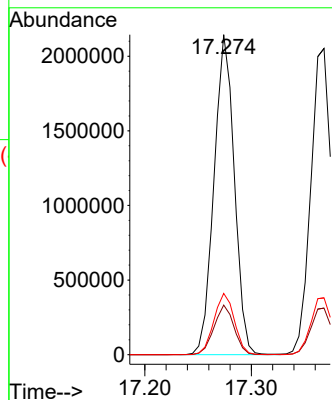
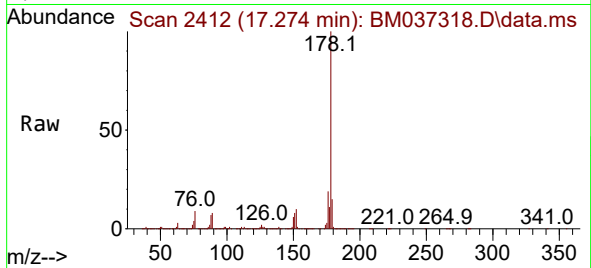




#72
Phenanthrene
Concen: 28.683 ng/u1
RT: 17.274 min Scan# 2412
Delta R.T. -0.000 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

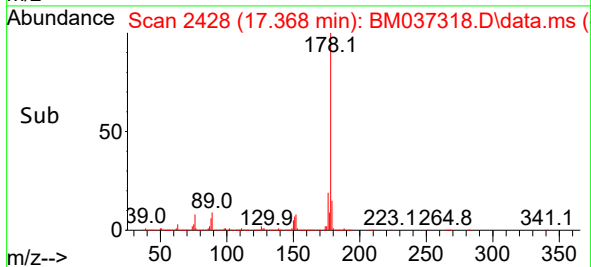
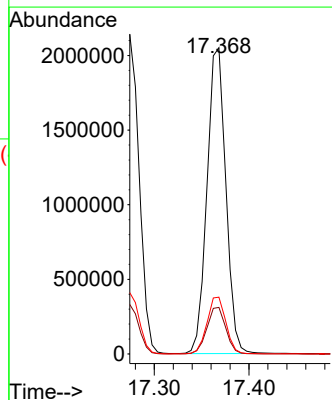
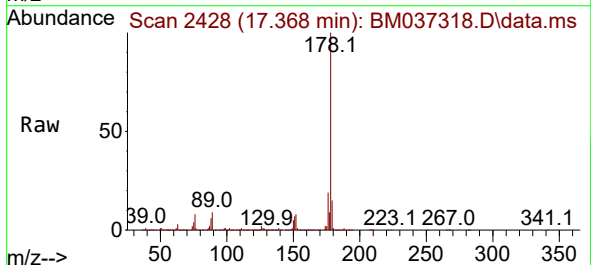
Instrument :
BNA_M
ClientSampleId :
SLCS668

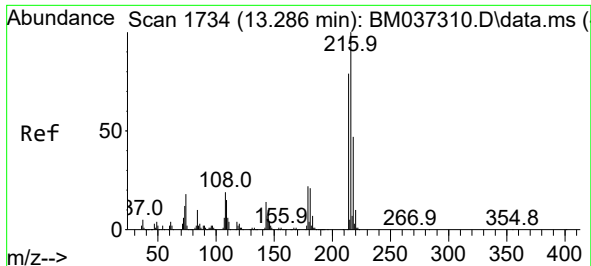
Tgt Ion:178 Resp: 2834868
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 19.2 15.4 23.2



#74
Anthracene
Concen: 28.408 ng/u1
RT: 17.368 min Scan# 2428
Delta R.T. -0.000 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

Tgt Ion:178 Resp: 2824916
Ion Ratio Lower Upper
178 100
179 15.2 12.3 18.5
176 18.5 14.8 22.2

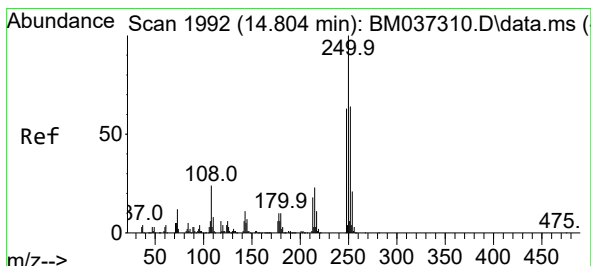
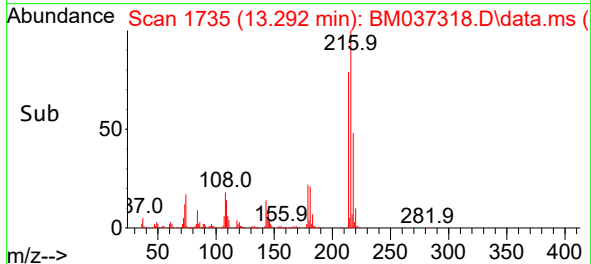
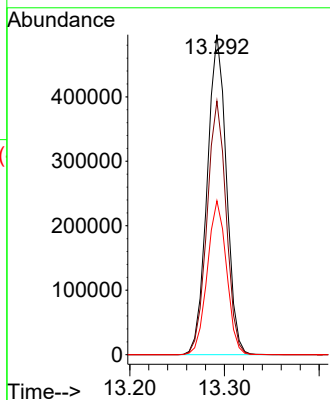
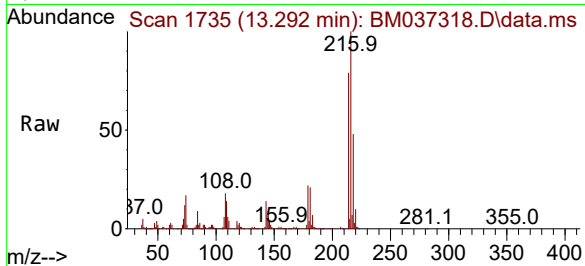




#75
1,2,3,4-Tetrachlorobenzene
Concen: 27.233 ng/uL
RT: 13.292 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

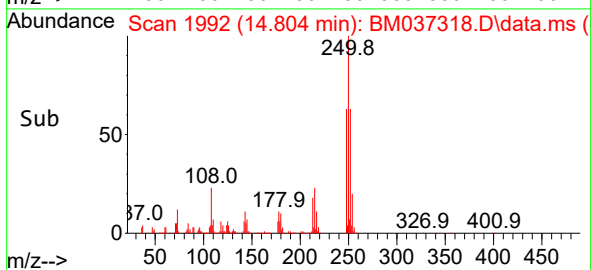
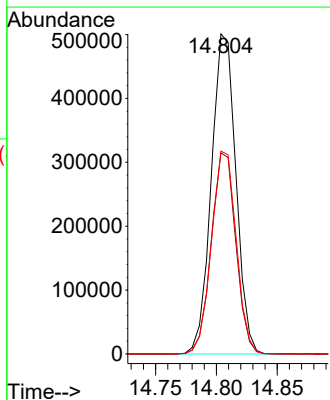
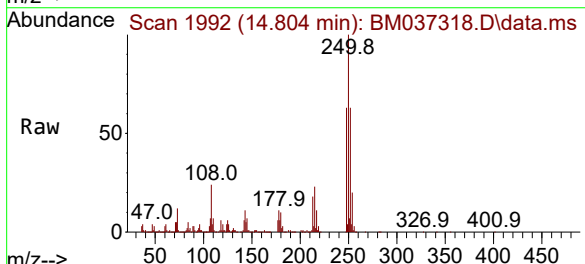
Instrument :
BNA_M
ClientSampleId :
SLCS668

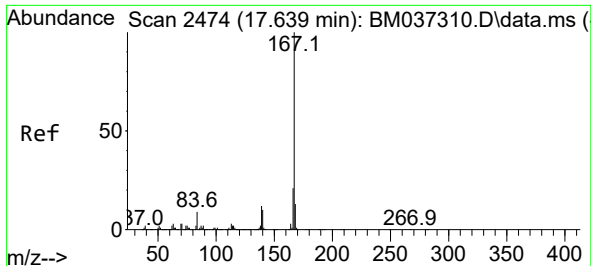
Tgt Ion:216 Resp: 697545
Ion Ratio Lower Upper
216 100
214 79.2 63.4 95.2
218 48.1 38.5 57.7



#76
Pentachlorobenzene
Concen: 25.253 ng/uL
RT: 14.804 min Scan# 1992
Delta R.T. -0.000 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

Tgt Ion:250 Resp: 703824
Ion Ratio Lower Upper
250 100
248 62.8 50.1 75.1
252 63.4 51.0 76.6

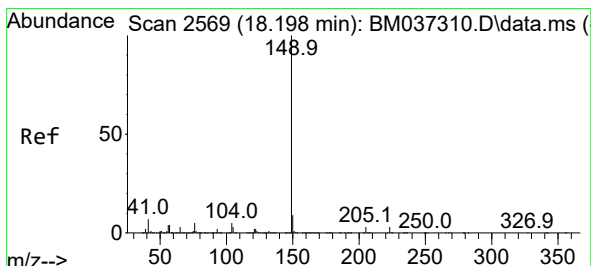
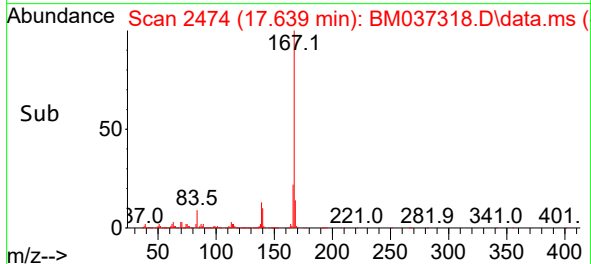
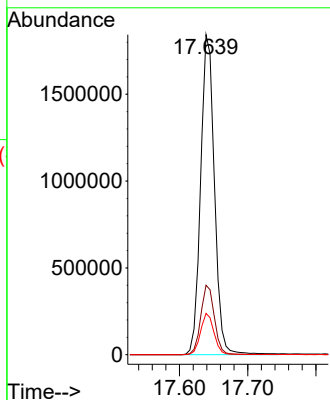
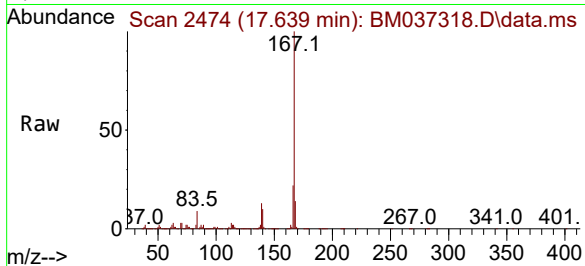




#77
 Carbazole
 Concen: 28.987 ng/ul
 RT: 17.639 min Scan# 2474
 Delta R.T. -0.006 min
 Lab File: BM037318.D
 Acq: 02 Nov 2022 16:15

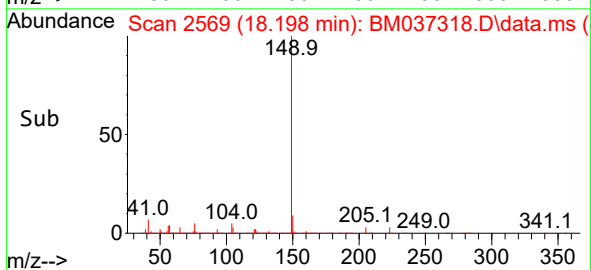
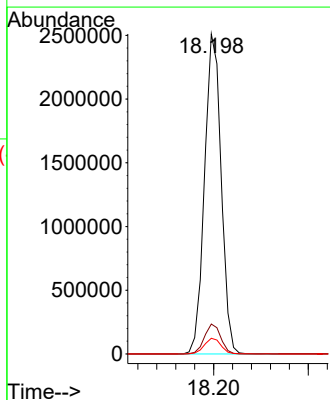
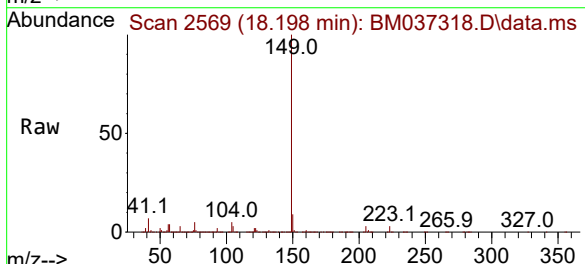
Instrument :
 BNA_M
 ClientSampleId :
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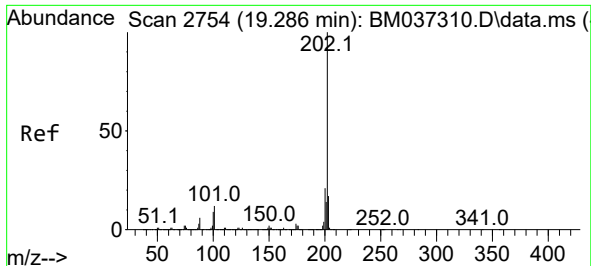
Tgt Ion:167 Resp: 2600486
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 12.9 9.8 14.8



#78
 Di-n-butylphthalate
 Concen: 29.623 ng/ul
 RT: 18.198 min Scan# 2569
 Delta R.T. -0.000 min
 Lab File: BM037318.D
 Acq: 02 Nov 2022 16:15

Tgt Ion:149 Resp: 3061754
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.3 10.9
 104 4.9 3.8 5.8

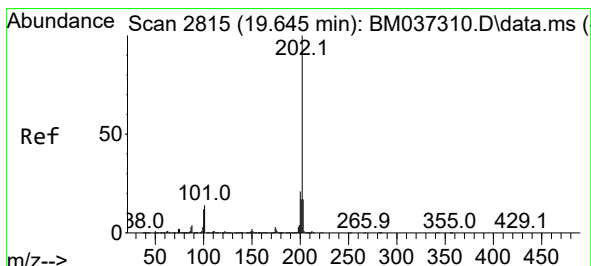
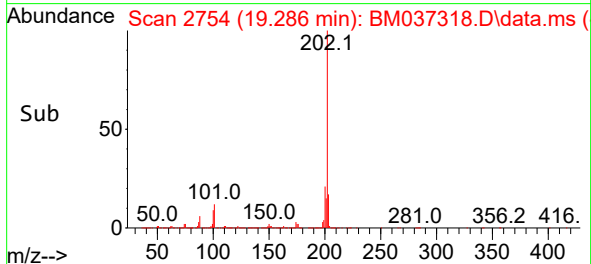
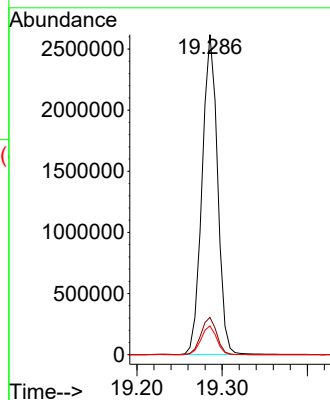
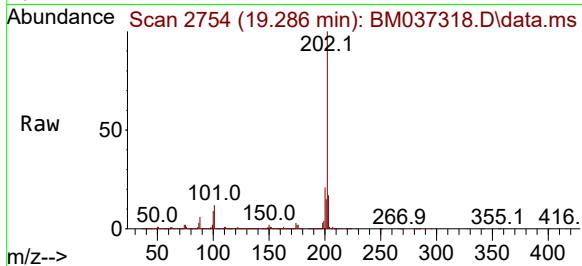




#80
Fluoranthene
Concen: 28.744 ng/ul
RT: 19.286 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

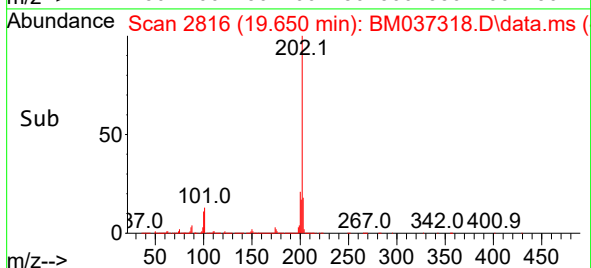
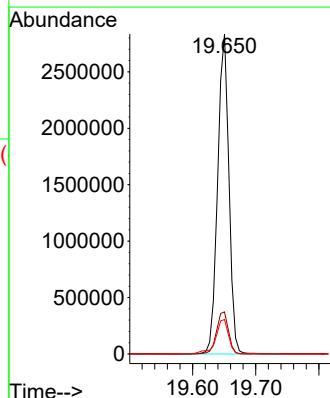
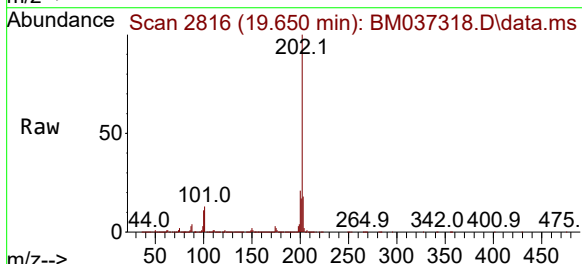
Instrument :
BNA_M
ClientSampleId :
SLCS668

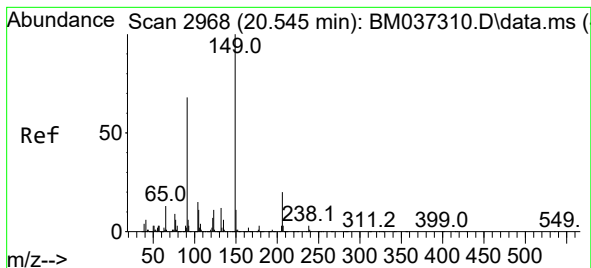
Tgt Ion:202 Resp: 3301012
Ion Ratio Lower Upper
202 100
101 11.7 9.2 13.8
100 9.0 7.1 10.7



#82
Pyrene
Concen: 28.925 ng/ul
RT: 19.650 min Scan# 2816
Delta R.T. -0.000 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

Tgt Ion:202 Resp: 3499511
Ion Ratio Lower Upper
202 100
101 13.1 10.4 15.6
100 10.8 8.5 12.7





#83

Butylbenzylphthalate

Concen: 29.576 ng/ul

RT: 20.544 min Scan# 2968

Delta R.T. -0.000 min

Lab File: BM037318.D

Acq: 02 Nov 2022 16:15

Instrument :

BNA_M

ClientSampleId :

SLCS668

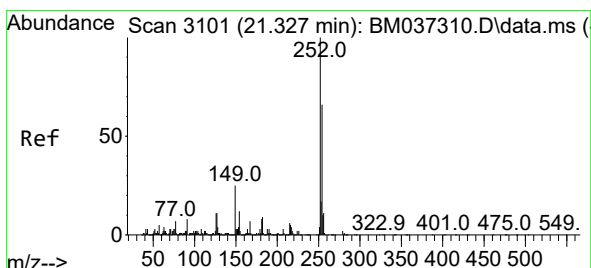
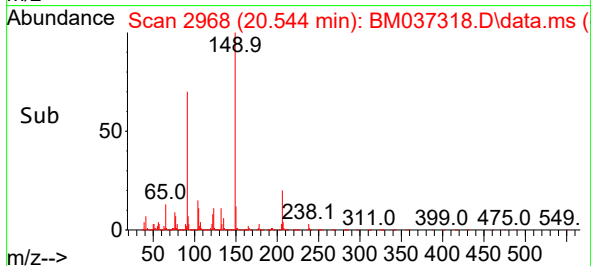
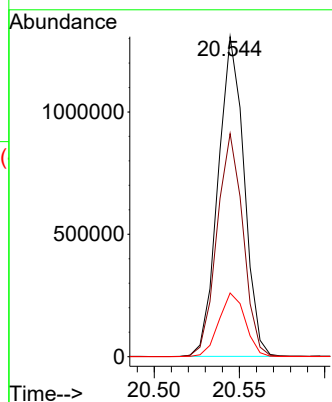
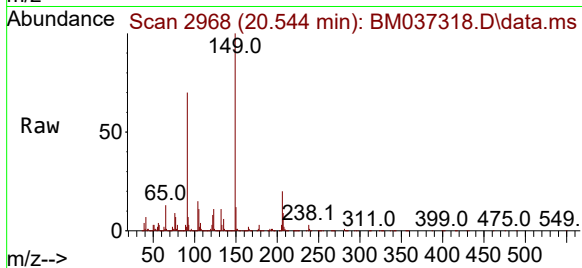
Tgt Ion:149 Resp: 1389768

Ion Ratio Lower Upper

149 100

91 69.7 54.2 81.4

206 19.9 16.1 24.1



#84

3,3'-Dichlorobenzidine

Concen: 28.509 ng/ul

RT: 21.327 min Scan# 3101

Delta R.T. -0.000 min

Lab File: BM037318.D

Acq: 02 Nov 2022 16:15

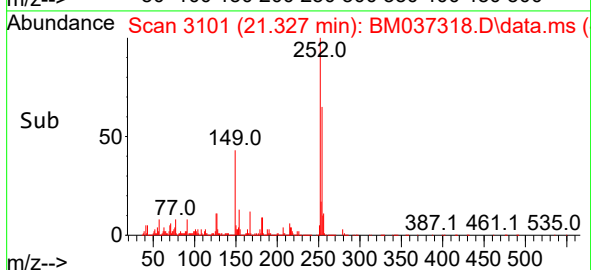
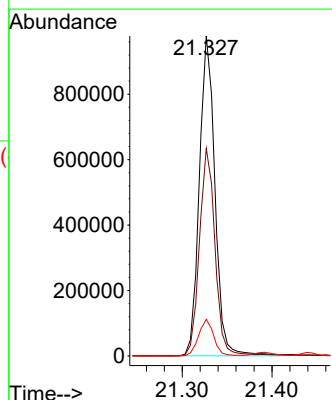
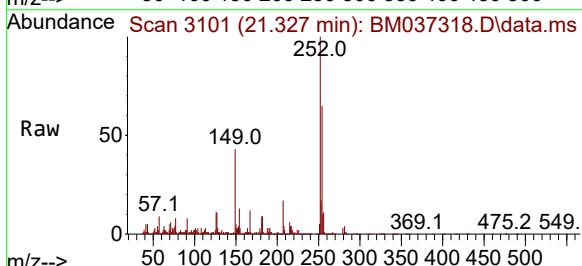
Tgt Ion:252 Resp: 1180007

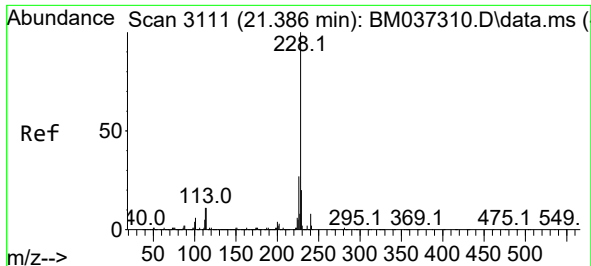
Ion Ratio Lower Upper

252 100

254 64.8 51.3 76.9

126 11.4 8.9 13.3

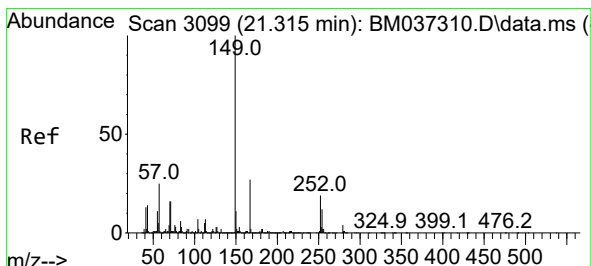
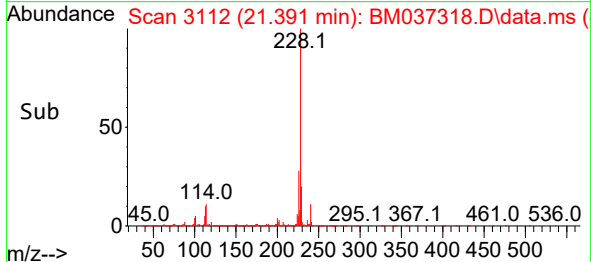
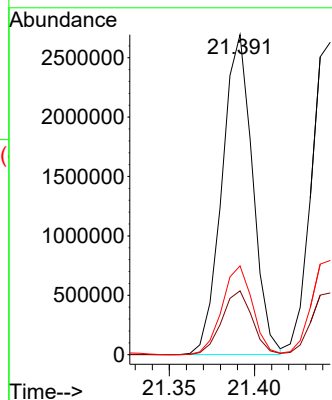
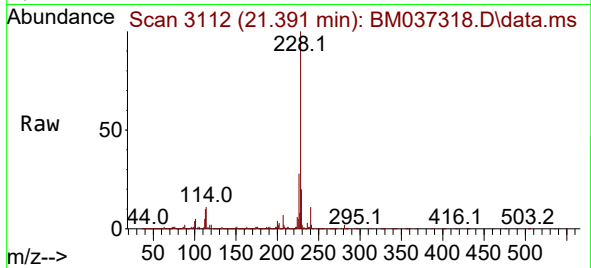




#85
Benzo(a)anthracene
Concen: 29.308 ng/ul
RT: 21.391 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

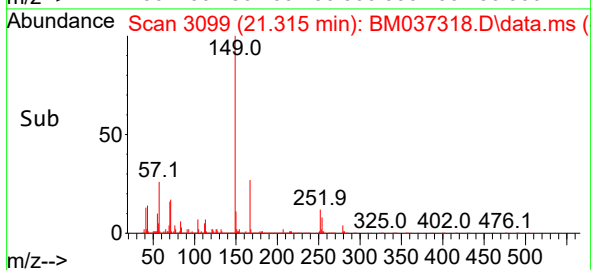
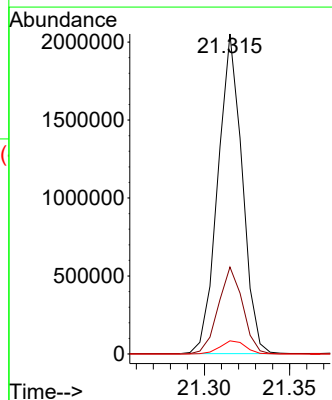
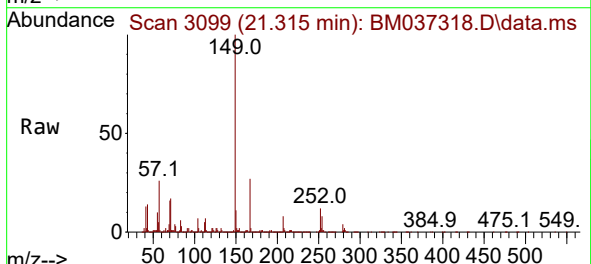
Instrument :
BNA_M
ClientSampleId :
SLCS668

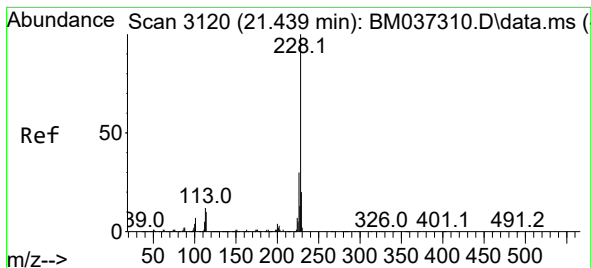
Tgt Ion:228 Resp: 3359173
Ion Ratio Lower Upper
228 100
229 20.0 16.0 24.0
226 27.7 22.2 33.4



#86
Bis(2-ethylhexyl)phthalate
Concen: 31.042 ng/ul
RT: 21.315 min Scan# 3099
Delta R.T. -0.000 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

Tgt Ion:149 Resp: 2033937
Ion Ratio Lower Upper
149 100
167 27.2 21.9 32.9
279 4.1 3.4 5.2





#87

Chrysene

Concen: 29.609 ng/ul

RT: 21.444 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM037318.D

Acq: 02 Nov 2022 16:15

Instrument :

BNA_M

ClientSampleId :

SLCS668

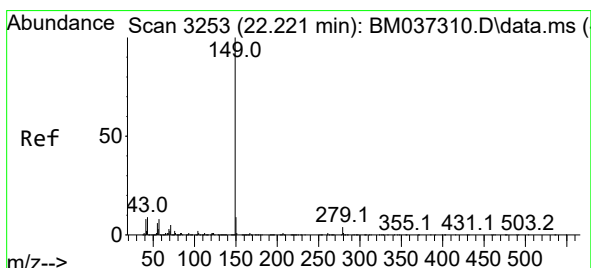
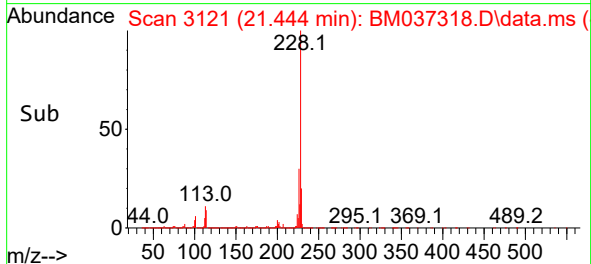
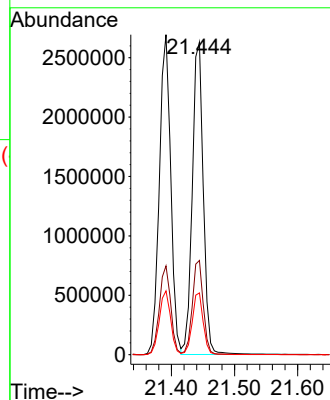
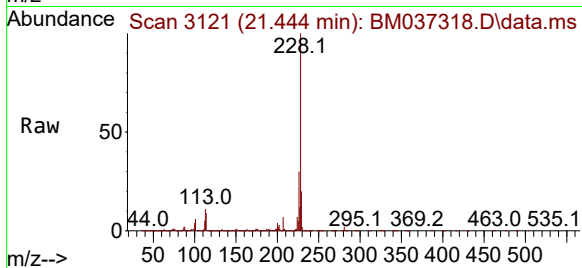
Tgt Ion:228 Resp: 3193270

Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

229 19.8 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 28.096 ng/ul

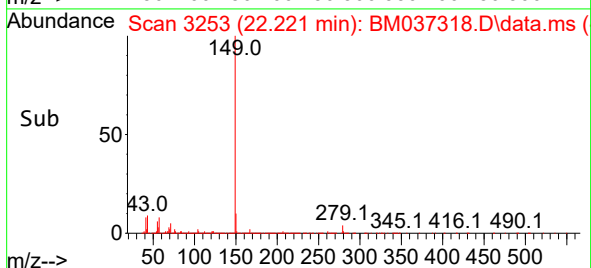
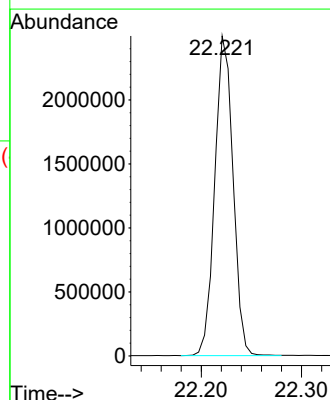
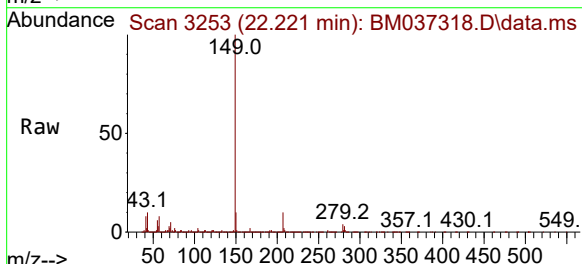
RT: 22.221 min Scan# 3253

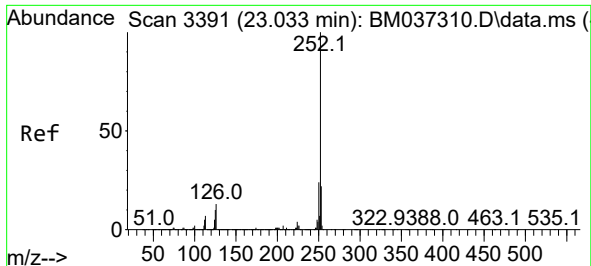
Delta R.T. -0.000 min

Lab File: BM037318.D

Acq: 02 Nov 2022 16:15

Tgt Ion:149 Resp: 3152396

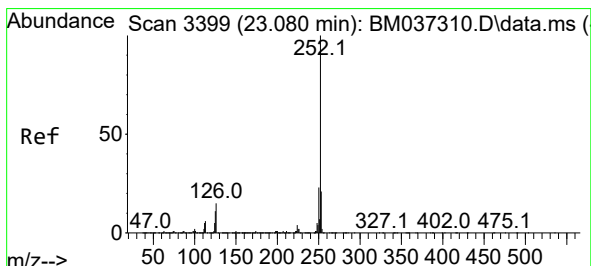
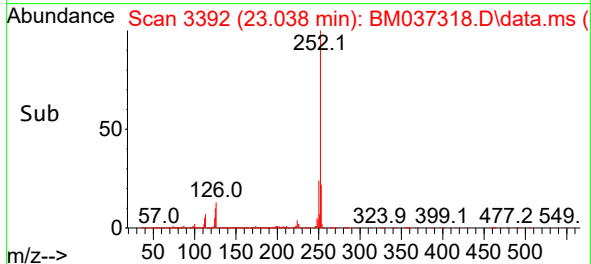
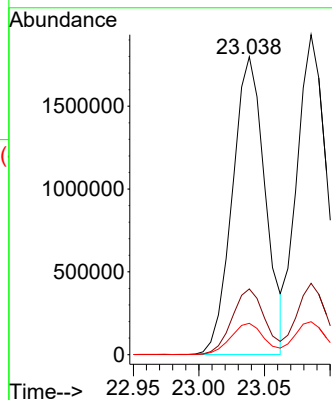
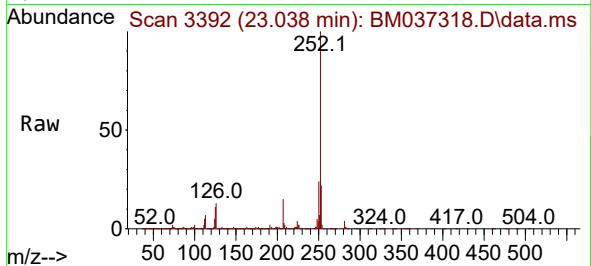




#90
Benzo(b)fluoranthene
Concen: 29.206 ng/ul
RT: 23.038 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

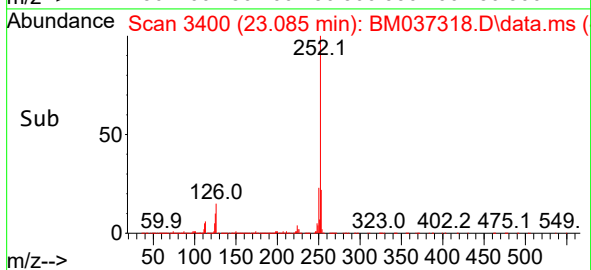
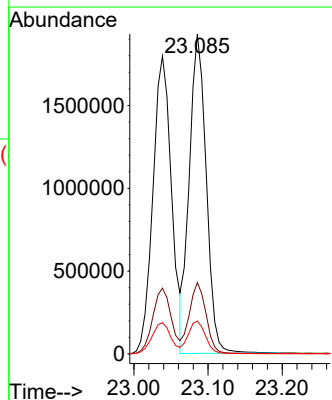
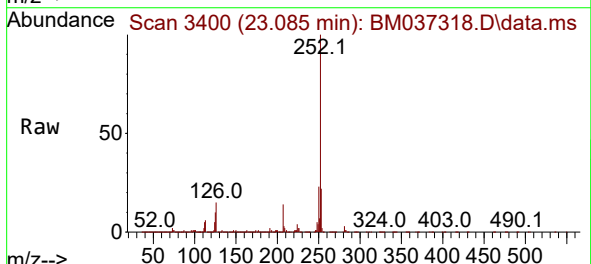
Instrument :
BNA_M
ClientSampleId :
SLCS668

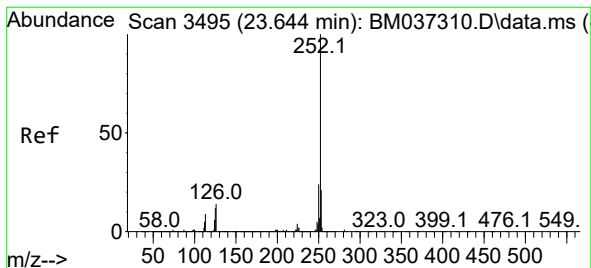
Tgt Ion:252 Resp: 3133259
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 10.5 8.2 12.4



#91
Benzo(k)fluoranthene
Concen: 29.243 ng/ul
RT: 23.085 min Scan# 3400
Delta R.T. -0.000 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

Tgt Ion:252 Resp: 3071627
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 10.3 8.2 12.4





#93

Benzo(a)pyrene

Concen: 29.178 ng/ul

RT: 23.650 min Scan# 34

Delta R.T. -0.000 min

Lab File: BM037318.D

Acq: 02 Nov 2022 16:15

Instrument :

BNA_M

ClientSampleId :

SLCS668

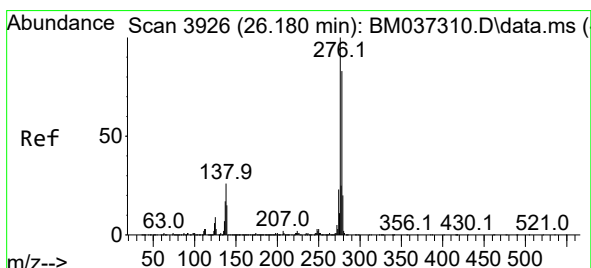
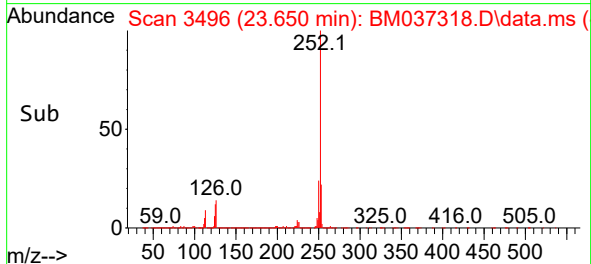
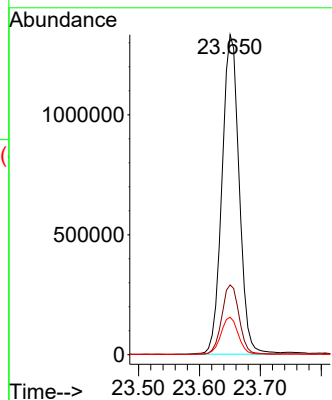
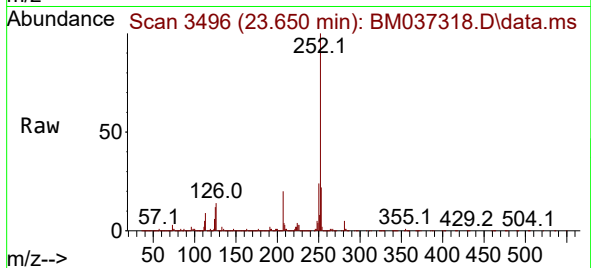
Tgt Ion:252 Resp: 2617958

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 11.7 9.0 13.6



#94

Indeno(1,2,3-cd)pyrene

Concen: 30.116 ng/ul

RT: 26.185 min Scan# 3927

Delta R.T. -0.000 min

Lab File: BM037318.D

Acq: 02 Nov 2022 16:15

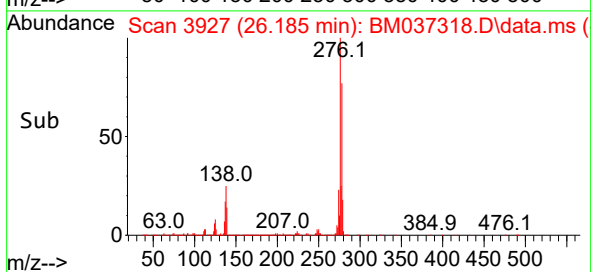
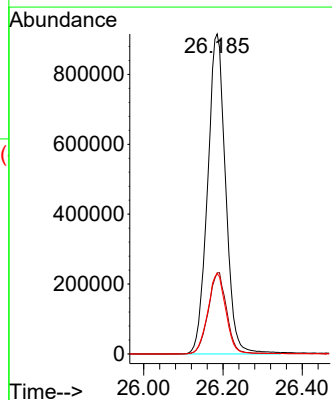
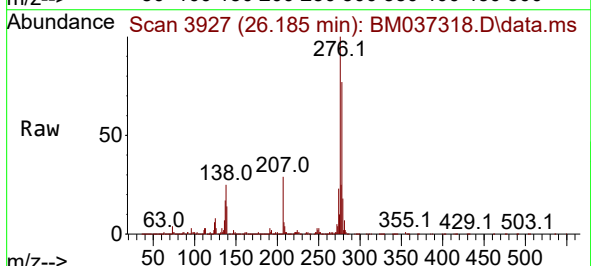
Tgt Ion:276 Resp: 2891823

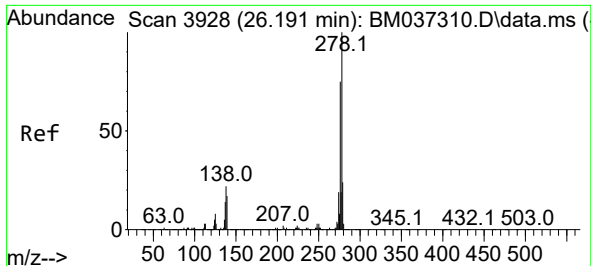
Ion Ratio Lower Upper

276 100

138 25.3 20.4 30.6

277 25.1 19.6 29.4

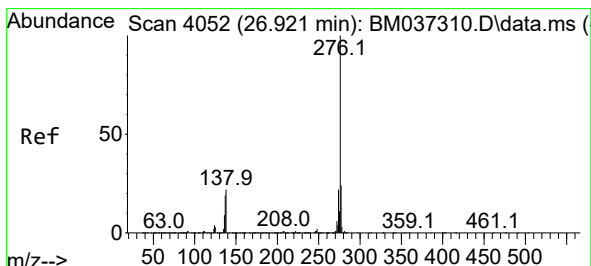
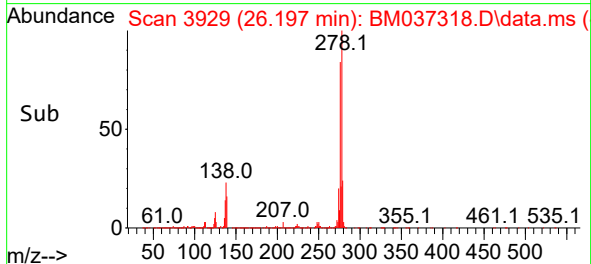
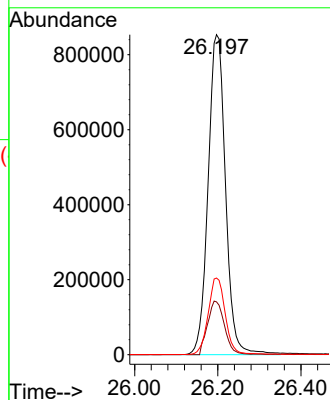
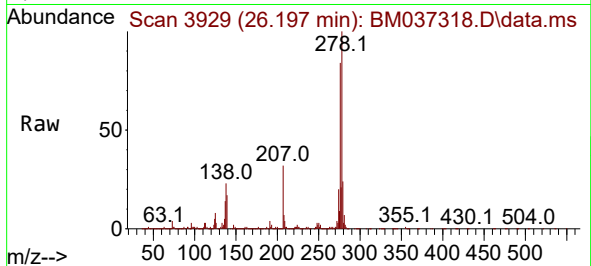




#95
Dibenzo(a,h)anthracene
Concen: 28.793 ng/ul
RT: 26.197 min Scan# 3928
Delta R.T. -0.000 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

Instrument :
BNA_M
ClientSampleId :
SLCS668

Tgt Ion:278 Resp: 2486353
Ion Ratio Lower Upper
278 100
139 16.5 13.4 20.2
279 24.0 19.2 28.8



#96
Benzo(g,h,i)perylene
Concen: 28.265 ng/ul
RT: 26.932 min Scan# 4054
Delta R.T. -0.000 min
Lab File: BM037318.D
Acq: 02 Nov 2022 16:15

Tgt Ion:276 Resp: 2325461
Ion Ratio Lower Upper
276 100
138 22.7 17.4 26.2
277 23.9 19.4 29.0

