

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042123\
 Data File : BM039566.D
 Acq On : 22 Apr 2023 00:05
 Operator : CG/JU
 Sample : 02386-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SPA-2WC-23-04

Quant Time: Apr 22 01:49:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 21 12:46:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	136417	20.000	ng	0.00
21) Naphthalene-d8	10.630	136	553098	20.000	ng	# 0.00
39) Acenaphthene-d10	14.483	164	328277	20.000	ng	0.00
64) Phenanthrene-d10	17.248	188	614902	20.000	ng	# 0.02
76) Chrysene-d12	21.447	240	463907	20.000	ng	# 0.02
86) Perylene-d12	23.830	264	534843	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.396	112	1182799	141.660	ng	0.00
7) Phenol-d6	7.013	99	1565744	127.600	ng	0.00
23) Nitrobenzene-d5	8.995	82	1048023	92.791	ng	0.00
42) 2,4,6-Tribromophenol	15.989	330	512871	120.396	ng	0.01
45) 2-Fluorobiphenyl	13.101	172	2130548	89.799	ng	0.00
79) Terphenyl-d14	19.877	244	2418950	94.068	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.113	88	9233	2.677	ng	# 1
6) Aniline	7.172	93	97998	6.330	ng	# 84
9) Benzaldehyde	6.960	77	142857	22.579	ng	# 1
10) Phenol	7.042	94	32113	2.668	ng	# 1
11) bis(2-Chloroethyl)ether	7.248	93	109747	10.631	ng	# 29
12) 1,3-Dichlorobenzene	7.707	146	348310	35.302	ng	98
13) 1,4-Dichlorobenzene	7.860	146	1355915	137.078	ng	100
14) 1,2-Dichlorobenzene	8.178	146	1574292	160.256	ng	99
15) Benzyl Alcohol	8.095	79	32096	3.589	ng	# 55
17) 2-Methylphenol	8.295	107	24379	2.743	ng	# 33
18) Hexachloroethane	8.931	117	249900	63.541	ng	# 1
19) n-Nitroso-di-n-propyla...	8.695	70	165573	17.833	ng	# 56
20) 3+4-Methylphenols	8.631	107	30913	2.530	ng	# 1
22) Acetophenone	8.625	105	706720	48.219	ng	# 57
24) Nitrobenzene	9.019	77	50598	4.549	ng	# 29
25) Isophorone	9.542	82	82213	3.515	ng	# 1
27) 2,4-Dimethylphenol	9.825	122	92381	10.649	ng	# 77
30) 1,2,4-Trichlorobenzene	10.495	180	752912	84.686	ng	100
31) Naphthalene	10.683	128	2819592	94.346	ng	99
32) Benzoic acid	10.083	122	4551	6.561	ng	# 1
33) 4-Chloroaniline	10.778	127	25577	2.026	ng	# 75
35) Caprolactam	11.648	113	73514	21.944	ng	# 17
37) 2-Methylnaphthalene	12.301	142	2202714	100.293	ng	99
38) 1-Methylnaphthalene	12.519	142	1278924	61.795	ng	100
46) 1,1'-Biphenyl	13.319	154	1609365	63.635	ng	99
48) 2-Nitroaniline	13.595	65	14047	2.185	ng	# 39
52) Acenaphthene	14.548	154	150036	7.880	ng	93
54) 2,4-Dinitrophenol	14.648	184	526	5.867	ng	# 1
55) Dibenzofuran	14.883	168	193711	6.331	ng	# 41
56) 4-Nitrophenol	14.777	139	17483	8.880	ng	# 5
57) 2,4-Dinitrotoluene	14.889	165	43540	5.638	ng	# 75
58) Fluorene	15.536	166	290810	11.719	ng	# 93
62) 4-Nitroaniline	15.571	138	496	2.873	ng	# 1
63) Azobenzene	15.995	77	1048882	39.070	ng	73
66) n-Nitrosodiphenylamine	15.748	169	530627	28.463	ng	87
71) Phenanthrene	17.289	178	1704201	51.110	ng	98

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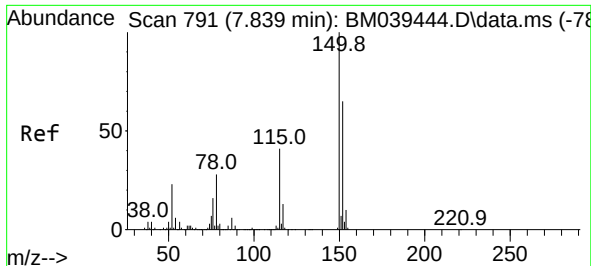
Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

72) Anthracene	17.377	178	1738527	50.829	ng	98
73) Carbazole	17.659	167	136977	4.403	ng #	58
74) Di-n-butylphthalate	18.218	149	399298	9.234	ng #	88
75) Fluoranthene	19.312	202	1684160	41.632	ng	97
78) Pyrene	19.677	202	1634390	47.907	ng	97
80) Butylbenzylphthalate	20.571	149	467068	27.609	ng #	79
81) Benzo(a)anthracene	21.430	228	775701	23.546	ng #	89
83) Chrysene	21.483	228	819491	25.664	ng #	90
84) Bis(2-ethylhexyl)phtha...	21.371	149	12453598	482.918	ng #	92
85) Di-n-octyl phthalate	22.271	149	2888327	65.132	ng #	82
87) Indeno(1,2,3-cd)pyrene	26.294	276	409975	10.432	ng	95
88) Benzo(b)fluoranthene	23.112	252	1255478	38.500	ng #	58
89) Benzo(k)fluoranthene	23.112	252	1255478	36.825	ng #	57
90) Benzo(a)pyrene	23.730	252	678905	20.947	ng #	54
91) Dibenzo(a,h)anthracene	26.306	278	136836	4.189	ng #	1
92) Benzo(g,h,i)perylene	27.065	276	427212	13.194	ng #	86

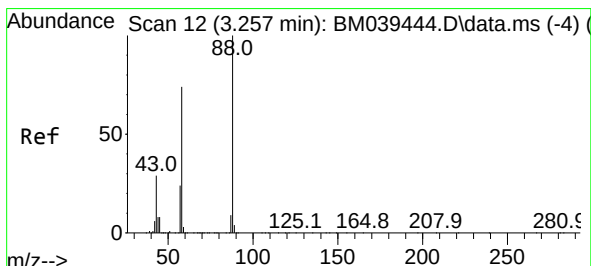
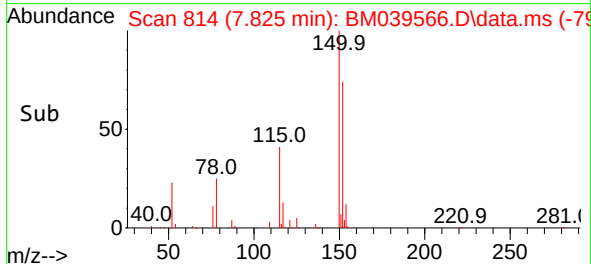
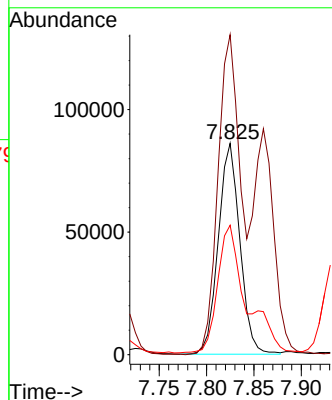
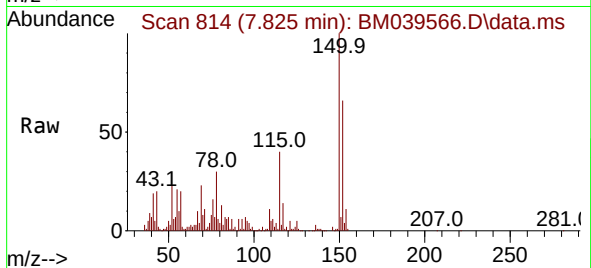
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.825 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: BM039566.D
 Acq: 22 Apr 2023 00:05

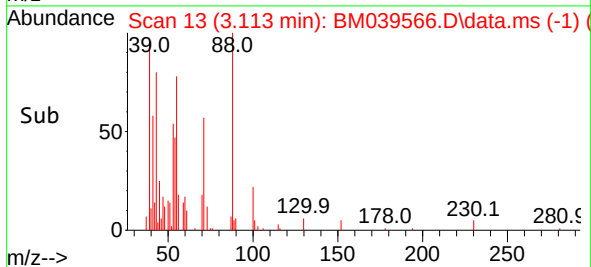
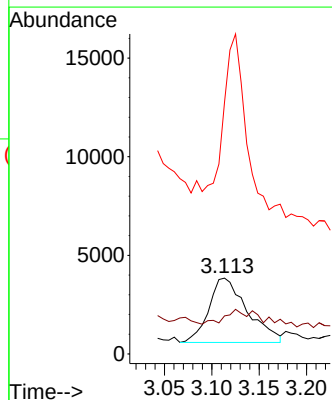
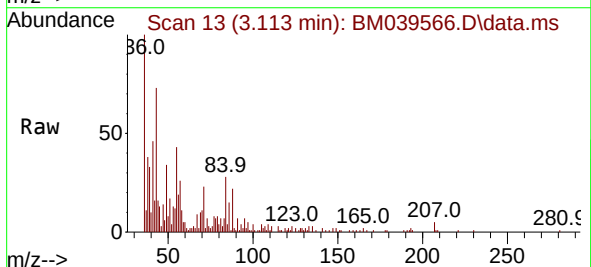
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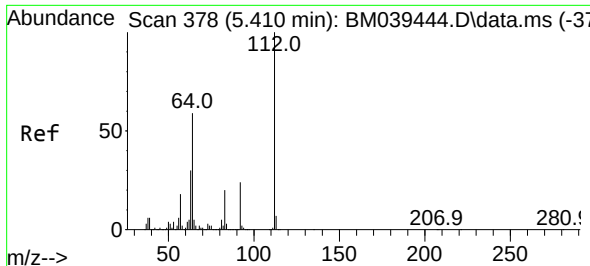
Tgt Ion:152 Resp: 136417
 Ion Ratio Lower Upper
 152 100
 150 151.4 123.0 184.4
 115 61.2 49.9 74.9



#2
 1,4-Dioxane
 Concen: 2.677 ng
 RT: 3.113 min Scan# 13
 Delta R.T. -0.135 min
 Lab File: BM039566.D
 Acq: 22 Apr 2023 00:05

Tgt Ion: 88 Resp: 9233
 Ion Ratio Lower Upper
 88 100
 58 11.5 59.4 89.2#
 43 201.9 23.4 35.2#

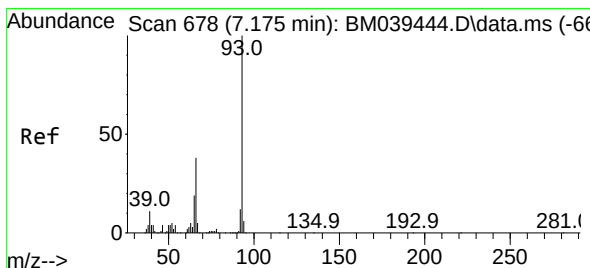
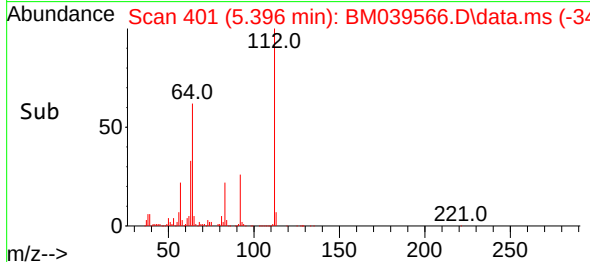
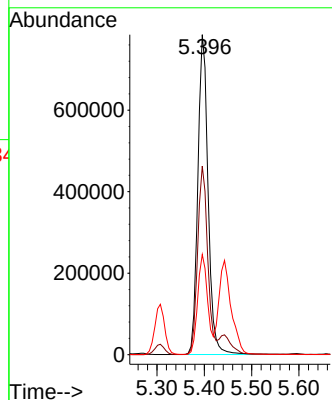
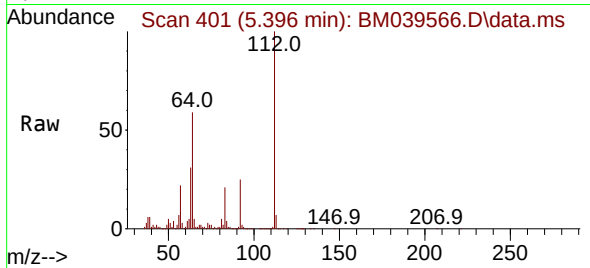




#5
2-Fluorophenol
Concen: 141.660 ng
RT: 5.396 min Scan# 401
Delta R.T. 0.006 min
Lab File: BM039566.D
Acq: 22 Apr 2023 00:05

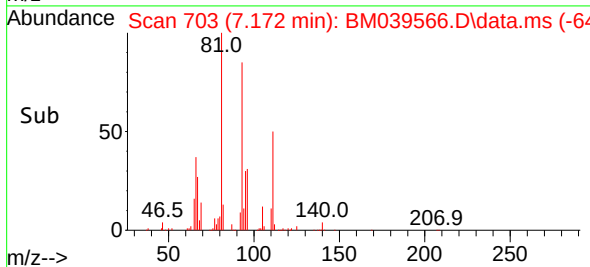
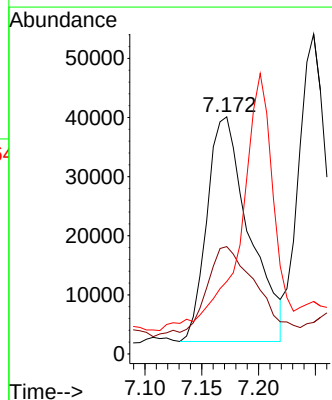
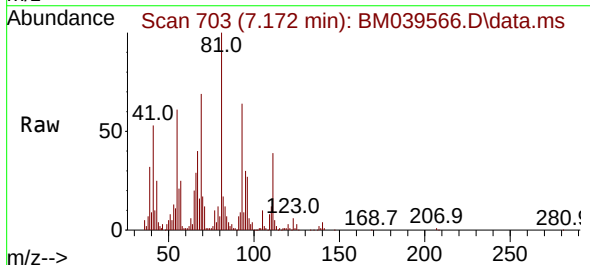
Instrument :
BNA_M
ClientSampleId :
SPA-2WC-23-04

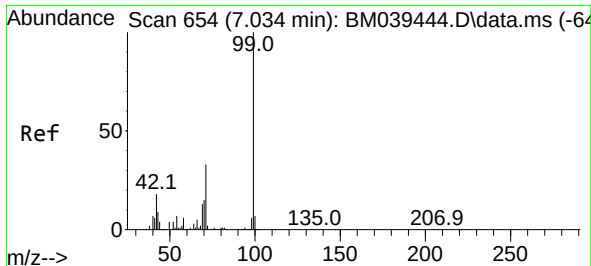
Tgt Ion:112 Resp: 1182799
Ion Ratio Lower Upper
112 100
64 59.0 47.0 70.4
63 31.3 24.2 36.4



#6
Aniline
Concen: 6.330 ng
RT: 7.172 min Scan# 703
Delta R.T. 0.018 min
Lab File: BM039566.D
Acq: 22 Apr 2023 00:05

Tgt Ion: 93 Resp: 97998
Ion Ratio Lower Upper
93 100
66 45.3 30.6 46.0
65 30.6 15.7 23.5

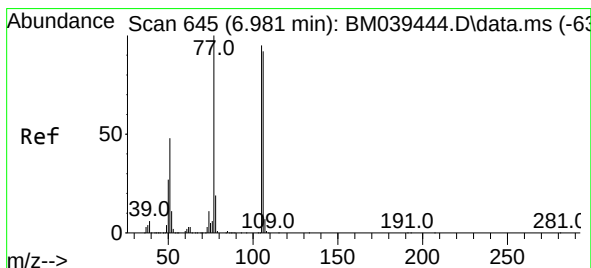
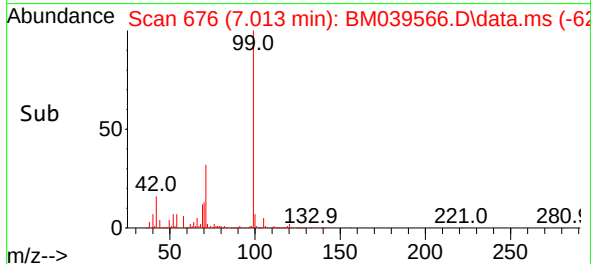
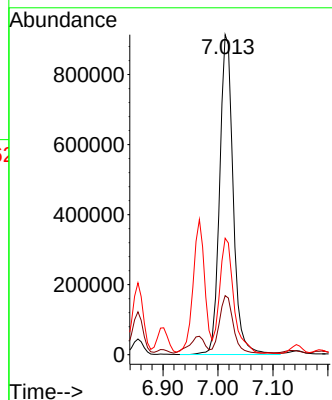
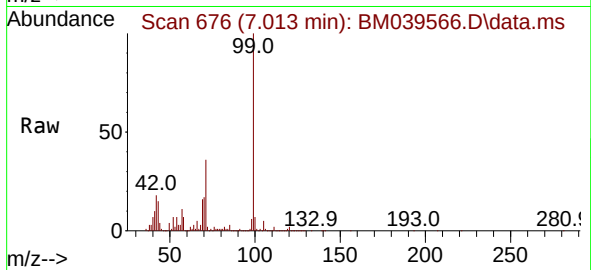




#7
Phenol-d6
Concen: 127.600 ng
RT: 7.013 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM039566.D
Acq: 22 Apr 2023 00:05

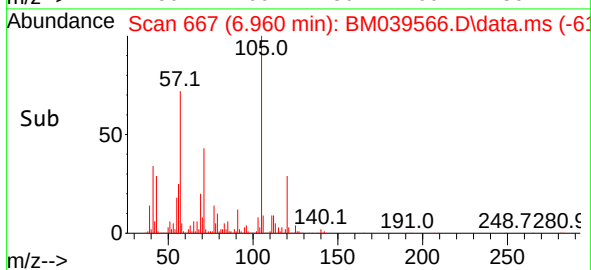
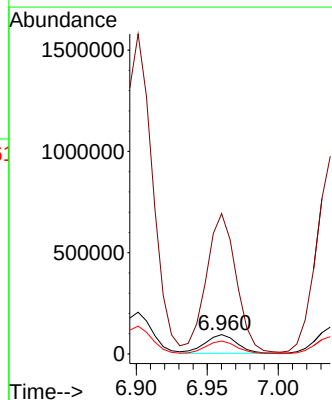
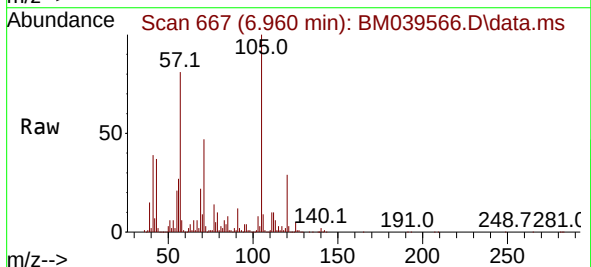
Instrument :
BNA_M
ClientSampleId :
SPA-2WC-23-04

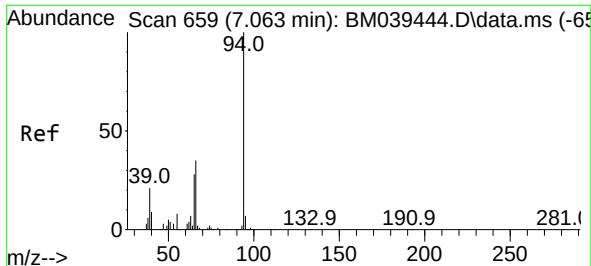
Tgt Ion: 99 Resp: 1565744
Ion Ratio Lower Upper
99 100
42 18.5 14.2 21.4
71 36.4 26.8 40.2



#9
Benzaldehyde
Concen: 22.579 ng
RT: 6.960 min Scan# 667
Delta R.T. -0.006 min
Lab File: BM039566.D
Acq: 22 Apr 2023 00:05

Tgt Ion: 77 Resp: 142857
Ion Ratio Lower Upper
77 100
105 726.1 75.3 115.3#
106 67.2 71.9 111.9#

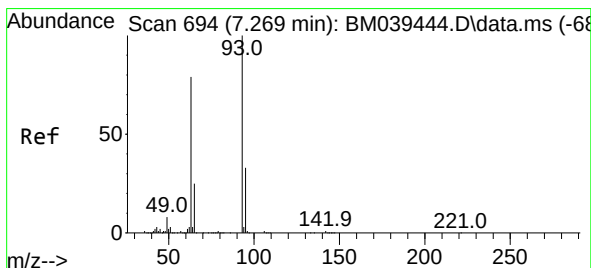
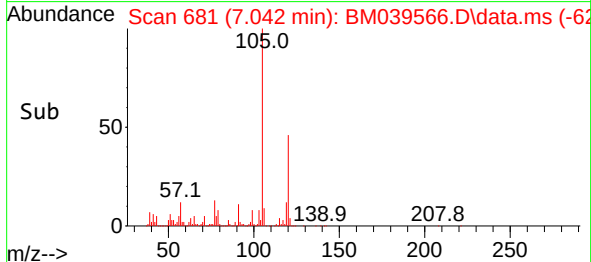
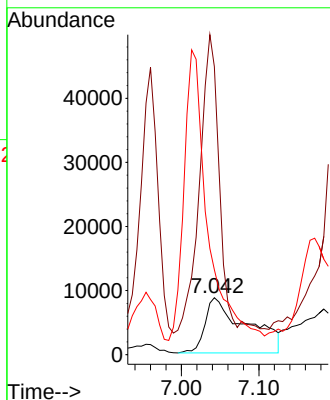
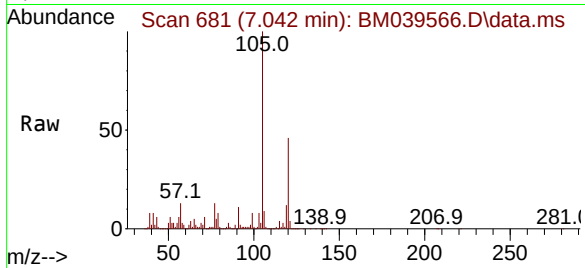




#10
Phenol
Concen: 2.668 ng
RT: 7.042 min Scan# 61
Delta R.T. 0.012 min
Lab File: BM039566.D
Acq: 22 Apr 2023 00:05

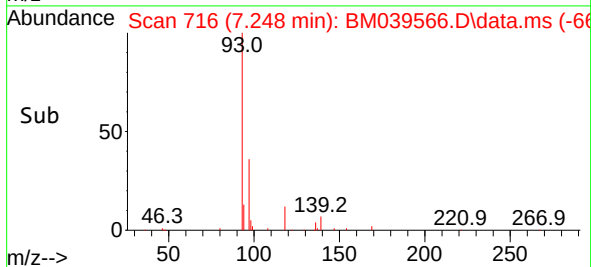
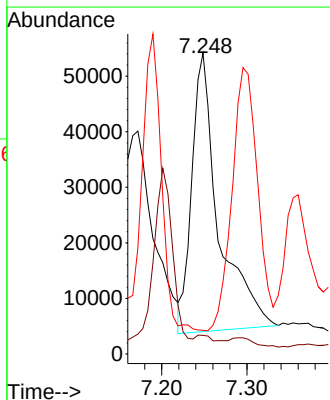
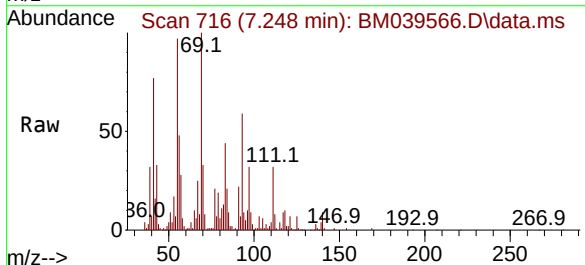
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ClientSampleId :
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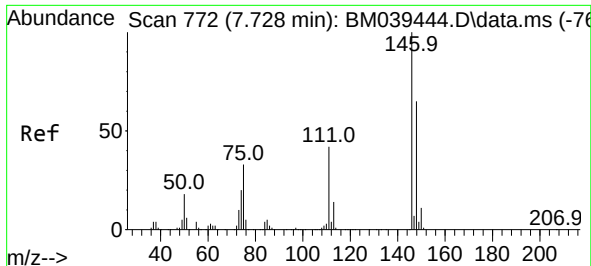
Tgt Ion: 94 Resp: 32113
Ion Ratio Lower Upper
94 100
65 505.1 8.2 48.2#
66 149.1 16.7 56.7#



#11
bis(2-Chloroethyl)ether
Concen: 10.631 ng
RT: 7.248 min Scan# 716
Delta R.T. -0.006 min
Lab File: BM039566.D
Acq: 22 Apr 2023 00:05

Tgt Ion: 93 Resp: 109747
Ion Ratio Lower Upper
93 100
63 6.2 58.1 98.1#
95 7.9 12.4 52.4#

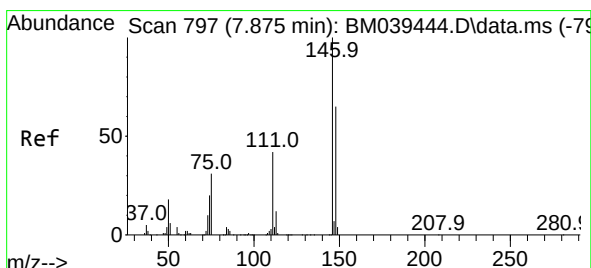
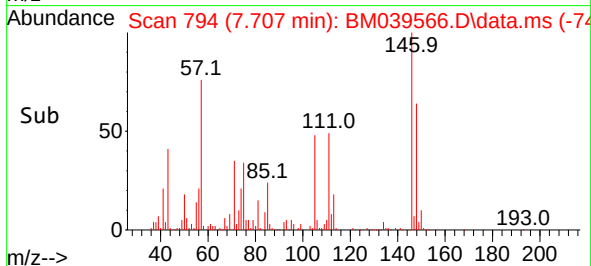
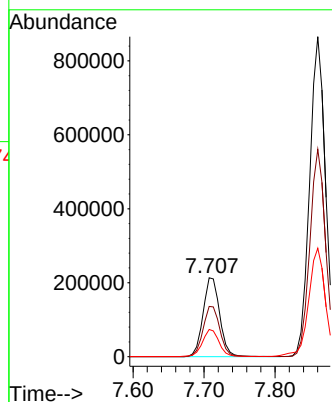
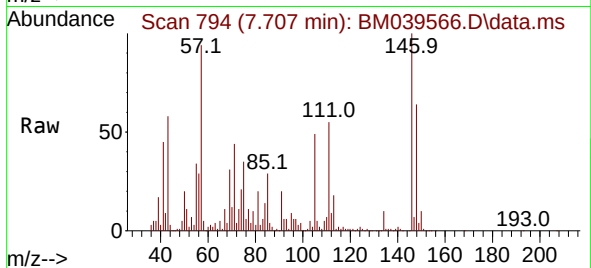




#12
1,3-Dichlorobenzene
Concen: 35.302 ng
RT: 7.707 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM039566.D
Acq: 22 Apr 2023 00:05

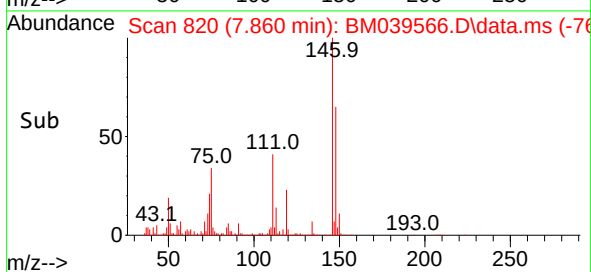
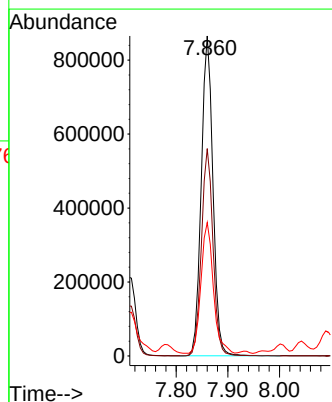
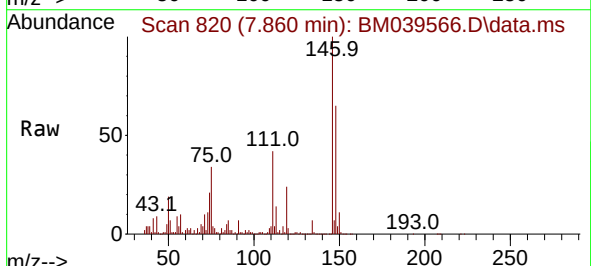
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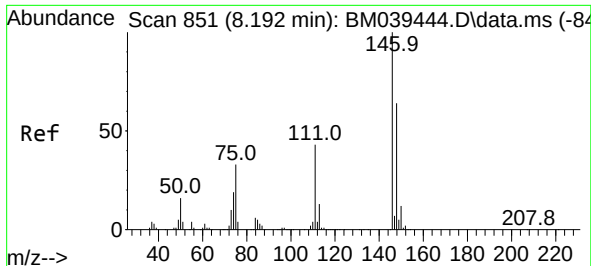
Tgt Ion:146 Resp: 348310
Ion Ratio Lower Upper
146 100
148 63.7 52.0 78.0
75 34.6 26.6 39.8



#13
1,4-Dichlorobenzene
Concen: 137.078 ng
RT: 7.860 min Scan# 820
Delta R.T. 0.006 min
Lab File: BM039566.D
Acq: 22 Apr 2023 00:05

Tgt Ion:146 Resp: 1355915
Ion Ratio Lower Upper
146 100
148 64.8 51.7 77.5
111 41.7 33.5 50.3

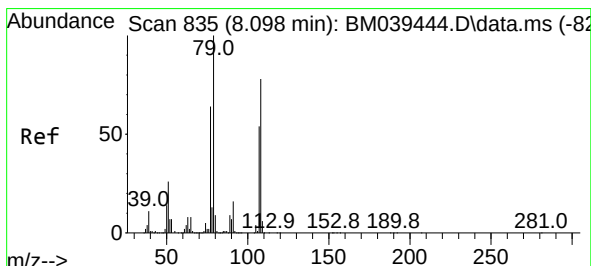
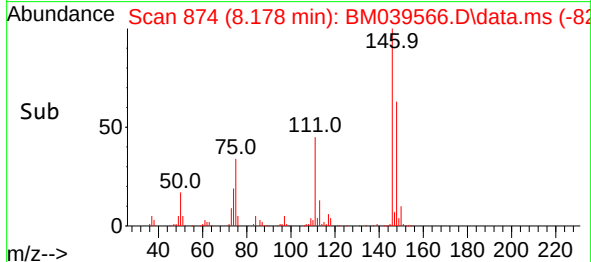
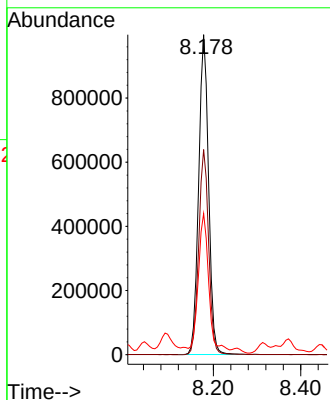
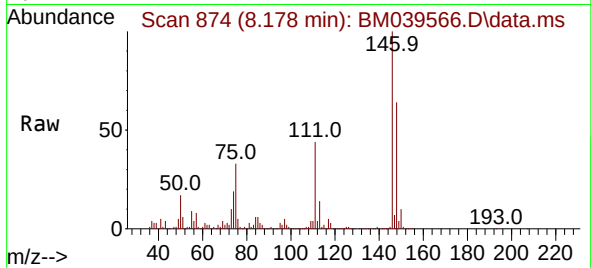




#14
1,2-Dichlorobenzene
Concen: 160.256 ng
RT: 8.178 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM039566.D
Acq: 22 Apr 2023 00:05

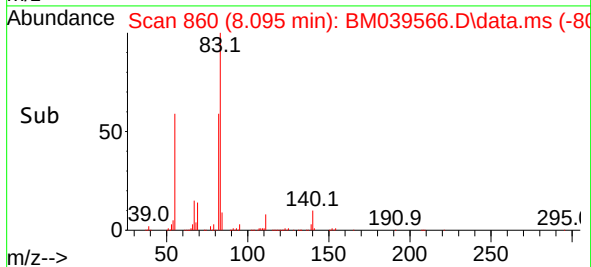
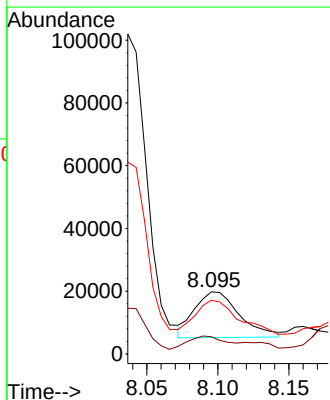
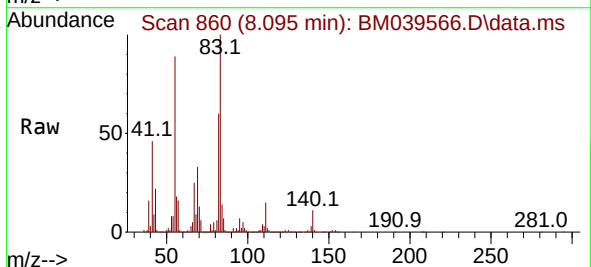
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ClientSampleId :
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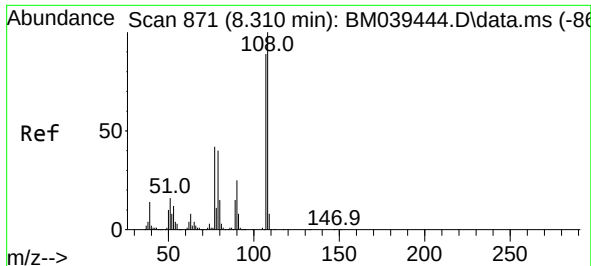
Tgt Ion:146 Resp: 1574292
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.2
111 44.1 34.3 51.5



#15
Benzyl Alcohol
Concen: 3.589 ng
RT: 8.095 min Scan# 860
Delta R.T. 0.018 min
Lab File: BM039566.D
Acq: 22 Apr 2023 00:05

Tgt Ion: 79 Resp: 32096
Ion Ratio Lower Upper
79 100
108 27.8 62.6 93.8#
77 86.7 51.5 77.3#

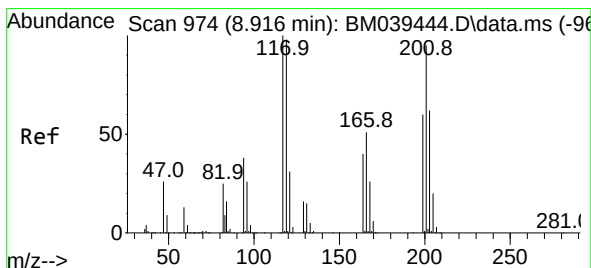
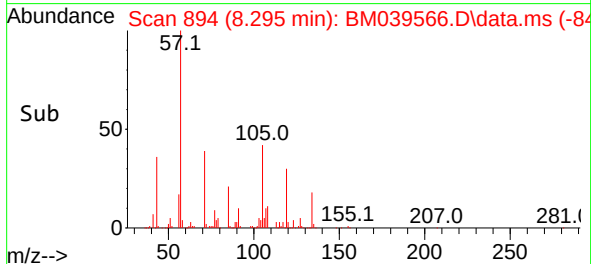
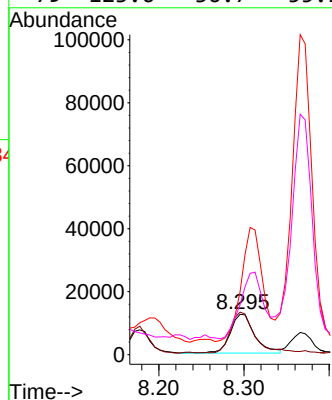
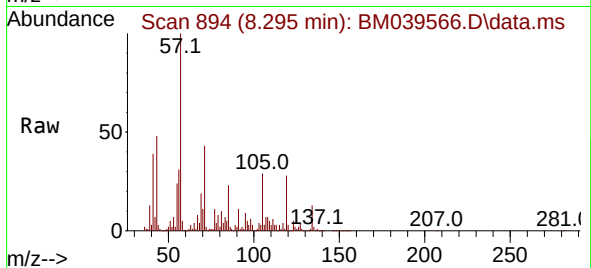




#17
2-Methylphenol
Concen: 2.743 ng
RT: 8.295 min Scan# 894
Delta R.T. 0.012 min
Lab File: BM039566.D
Acq: 22 Apr 2023 00:05

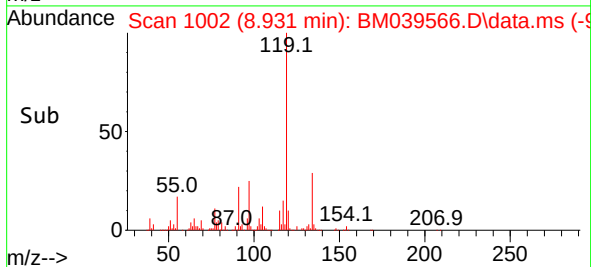
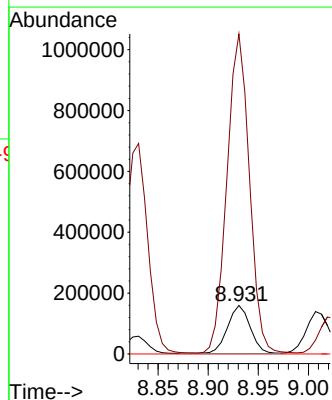
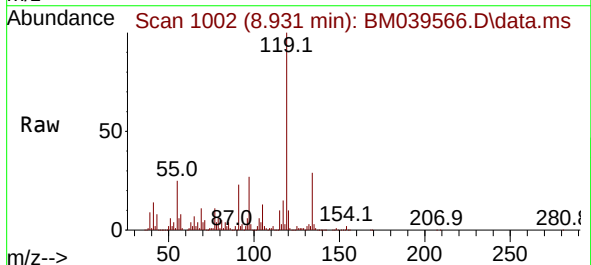
Instrument :
BNA_M
ClientSampleId :
SPA-2WC-23-04

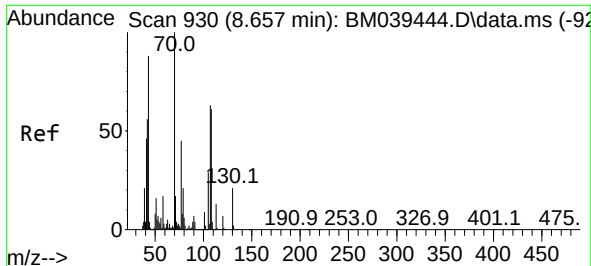
Tgt Ion:107 Resp: 24379
Ion Ratio Lower Upper
107 100
108 105.7 90.3 135.5
77 155.5 38.6 58.0#
79 123.6 36.7 55.1#



#18
Hexachloroethane
Concen: 63.541 ng
RT: 8.931 min Scan# 1002
Delta R.T. 0.035 min
Lab File: BM039566.D
Acq: 22 Apr 2023 00:05

Tgt Ion:117 Resp: 249900
Ion Ratio Lower Upper
117 100
119 659.1 78.2 117.2#
201 0.0 76.0 114.0#





#19

n-Nitroso-di-n-propylamine

Concen: 17.833 ng

RT: 8.695 min Scan# 90

Delta R.T. 0.053 min

Lab File: BM039566.D

Acq: 22 Apr 2023 00:05

Instrument :

BNA_M

ClientSampleId :

SPA-2WC-23-04

Tgt Ion: 70 Resp: 165573

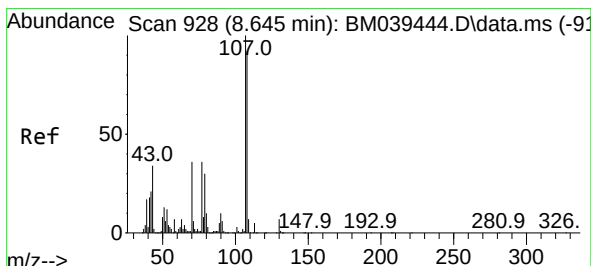
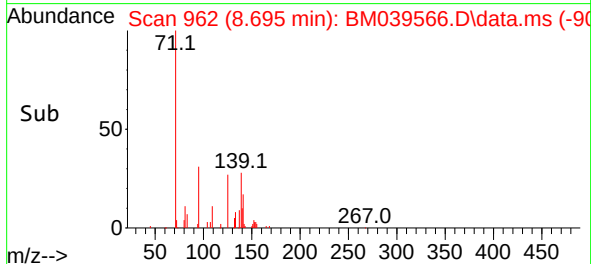
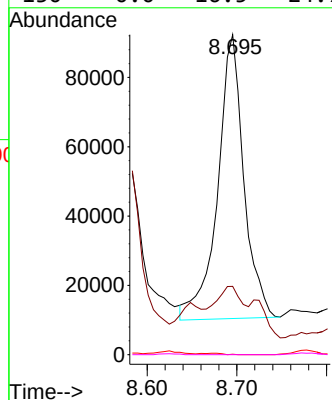
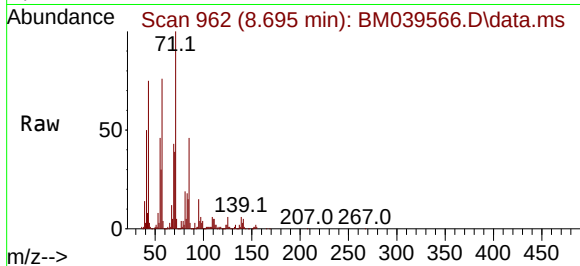
Ion Ratio Lower Upper

70 100

42 21.3 44.7 67.1#

101 0.2 7.5 11.3#

130 0.0 16.5 24.7#



#20

3+4-Methylphenols

Concen: 2.530 ng

RT: 8.631 min Scan# 951

Delta R.T. 0.018 min

Lab File: BM039566.D

Acq: 22 Apr 2023 00:05

Tgt Ion:107 Resp: 30913

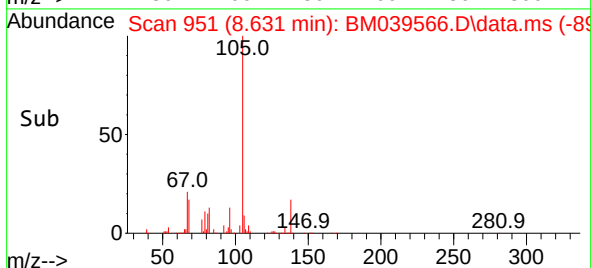
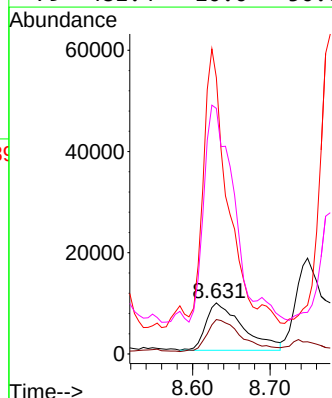
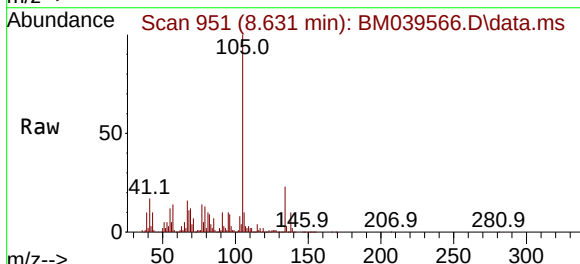
Ion Ratio Lower Upper

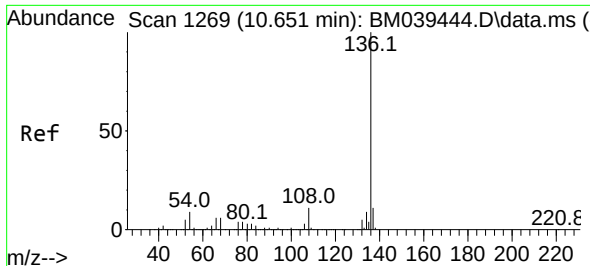
107 100

108 67.4 71.6 111.6#

77 541.7 16.2 56.2#

79 481.4 10.0 50.0#

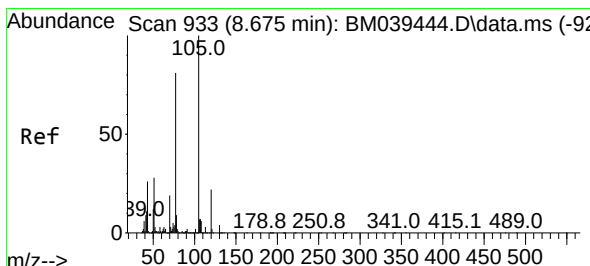
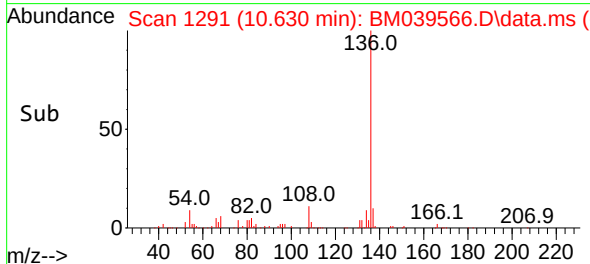
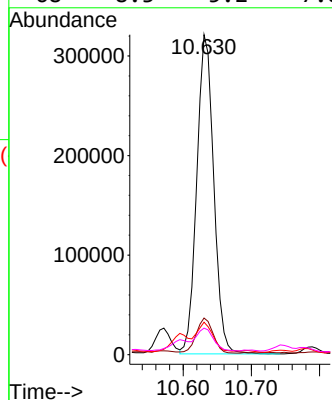
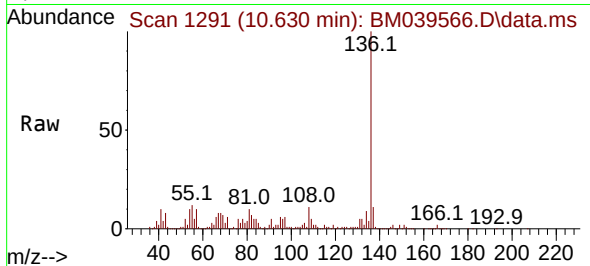




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.630 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM039566.D
Acq: 22 Apr 2023 00:05

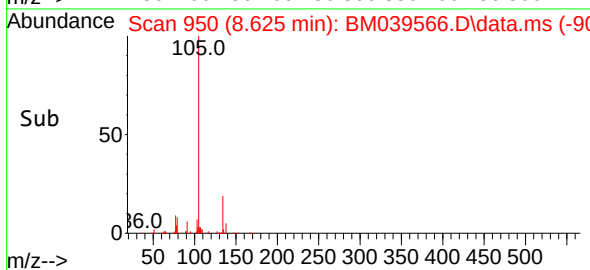
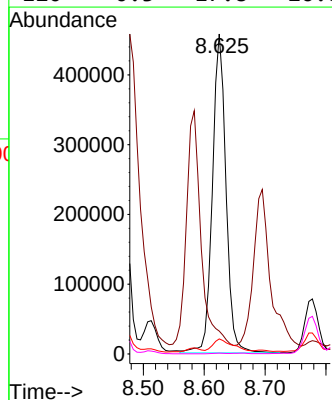
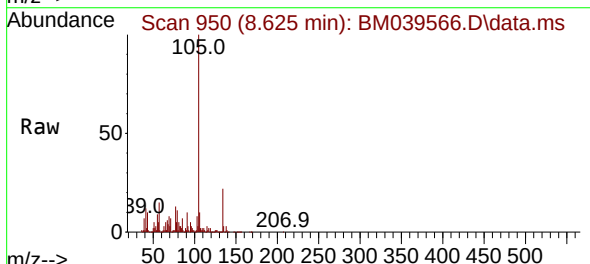
Instrument :
BNA_M
ClientSampleId :
SPA-2WC-23-04

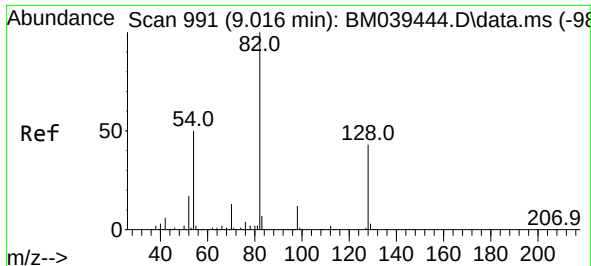
Tgt Ion:	136	Resp:	553098
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	10.1	6.9	10.3
68	8.3	5.2	7.8



#22
Acetophenone
Concen: 48.219 ng
RT: 8.625 min Scan# 950
Delta R.T. -0.029 min
Lab File: BM039566.D
Acq: 22 Apr 2023 00:05

Tgt Ion:	105	Resp:	706720
Ion	Ratio	Lower	Upper
105	100		
71	7.2	2.6	3.8
51	4.7	22.3	33.5
120	0.3	17.8	26.8

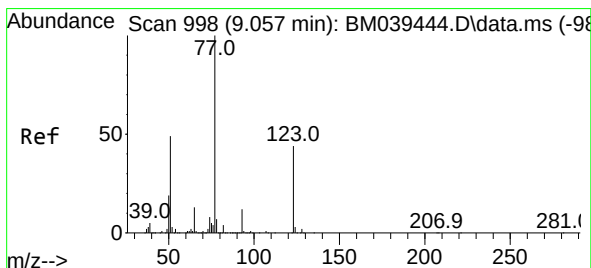
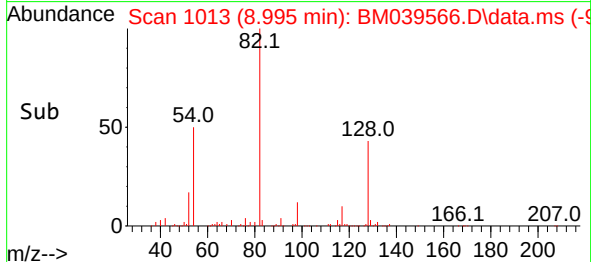
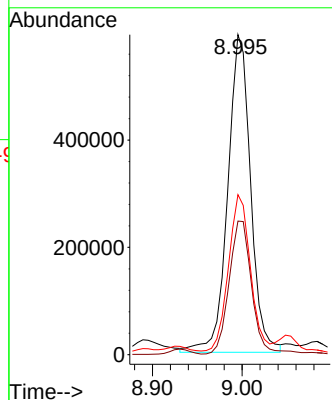
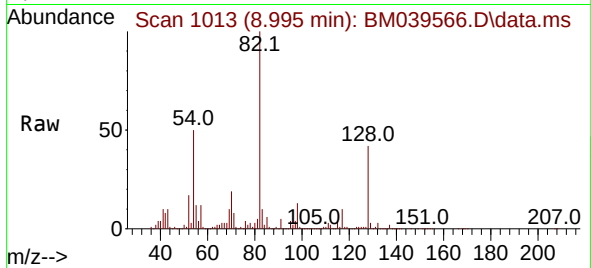




#23
Nitrobenzene-d5
Concen: 92.791 ng
RT: 8.995 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BM039566.D
Acq: 22 Apr 2023 00:05

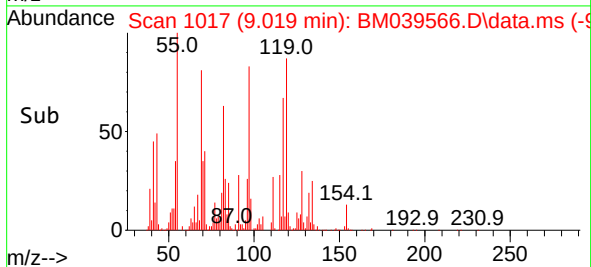
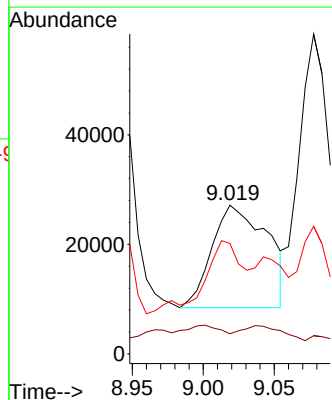
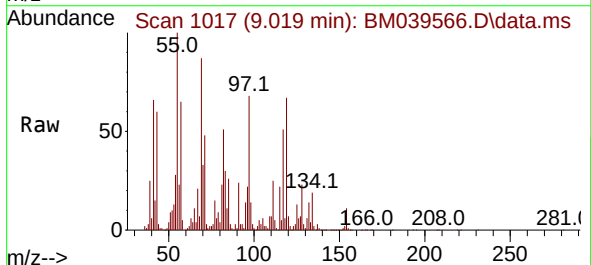
Instrument :
BNA_M
ClientSampleId :
SPA-2WC-23-04

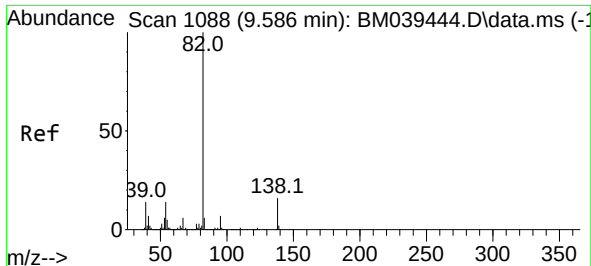
Tgt Ion: 82 Resp: 1048023
Ion Ratio Lower Upper
82 100
128 41.8 34.2 51.2
54 50.0 39.7 59.5



#24
Nitrobenzene
Concen: 4.549 ng
RT: 9.019 min Scan# 1017
Delta R.T. -0.018 min
Lab File: BM039566.D
Acq: 22 Apr 2023 00:05

Tgt Ion: 77 Resp: 50598
Ion Ratio Lower Upper
77 100
123 13.6 35.0 52.6#
65 74.3 10.4 15.6#

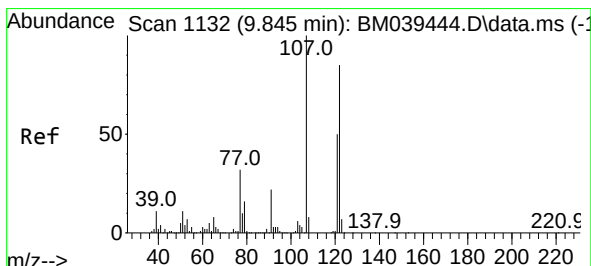
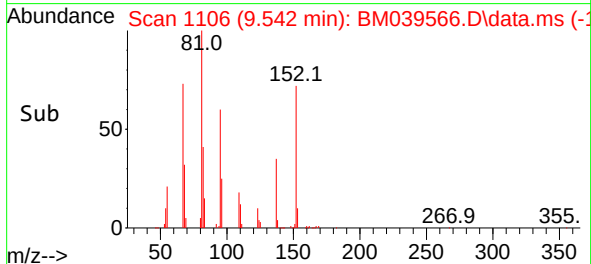
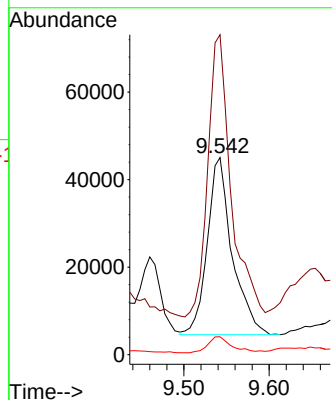
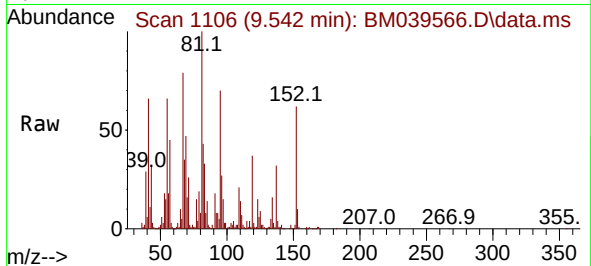




#25
Isophorone
Concen: 3.515 ng
RT: 9.542 min Scan# 1106
Delta R.T. -0.024 min
Lab File: BM039566.D
Acq: 22 Apr 2023 00:05

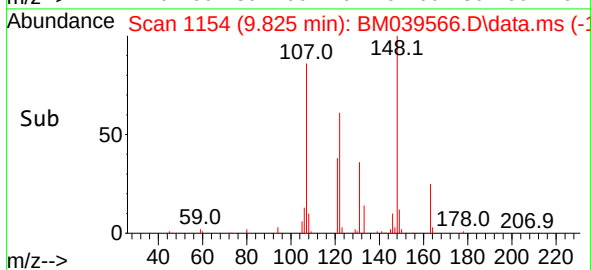
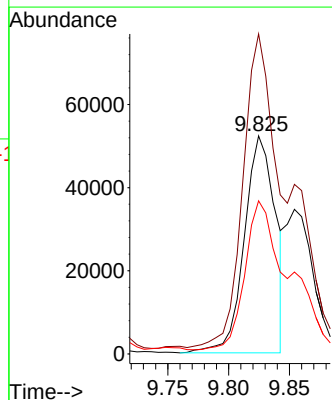
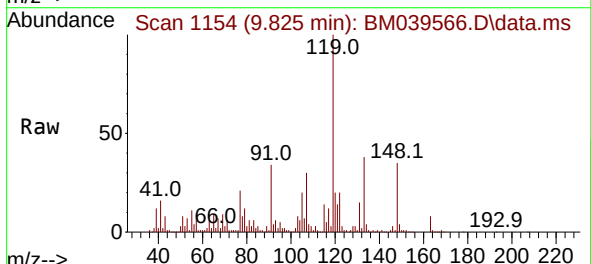
Instrument :
BNA_M
ClientSampleId :
SPA-2WC-23-04

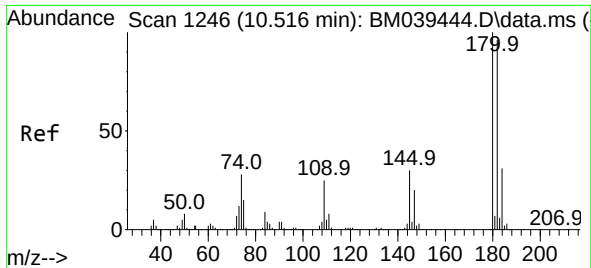
Tgt Ion: 82 Resp: 82213
Ion Ratio Lower Upper
82 100
95 162.3 5.2 7.8#
138 9.1 13.1 19.7#



#27
2,4-Dimethylphenol
Concen: 10.649 ng
RT: 9.825 min Scan# 1154
Delta R.T. 0.006 min
Lab File: BM039566.D
Acq: 22 Apr 2023 00:05

Tgt Ion: 122 Resp: 92381
Ion Ratio Lower Upper
122 100
107 146.7 94.3 141.5#
121 70.2 46.7 70.1#

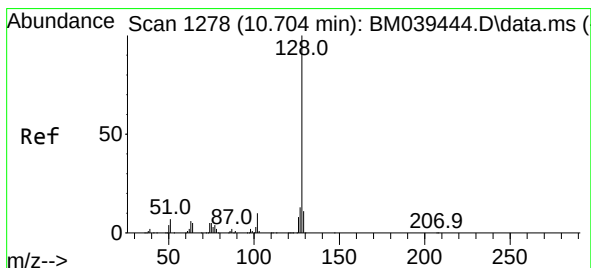
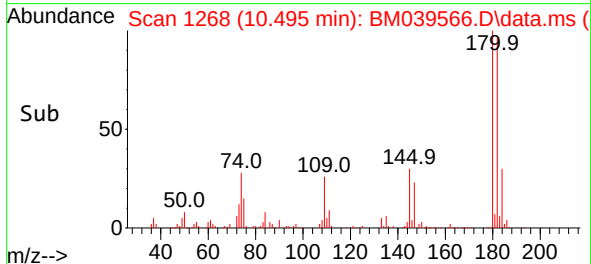
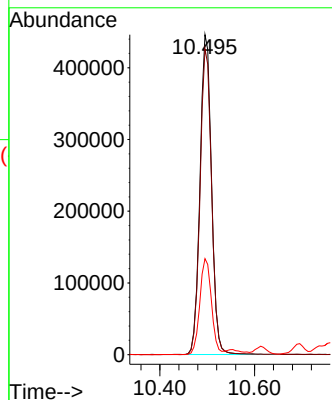
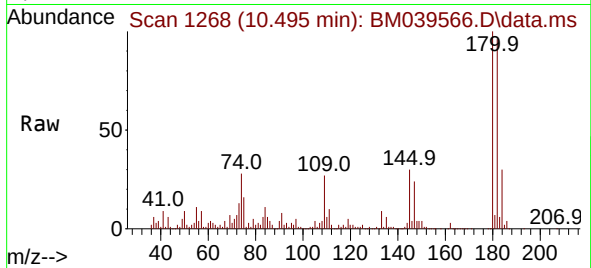




#30
1,2,4-Trichlorobenzene
Concen: 84.686 ng
RT: 10.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM039566.D
Acq: 22 Apr 2023 00:05

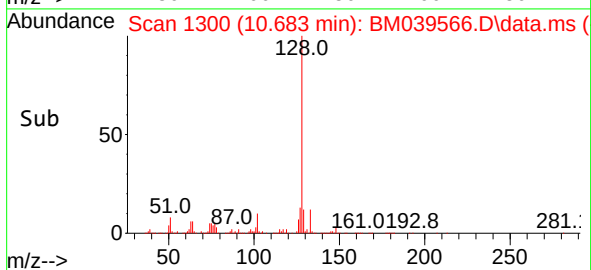
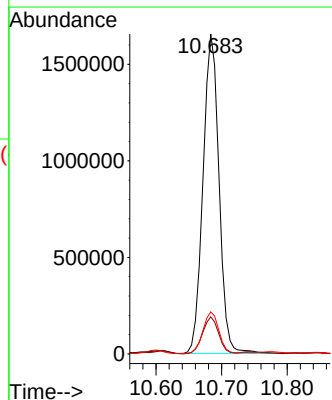
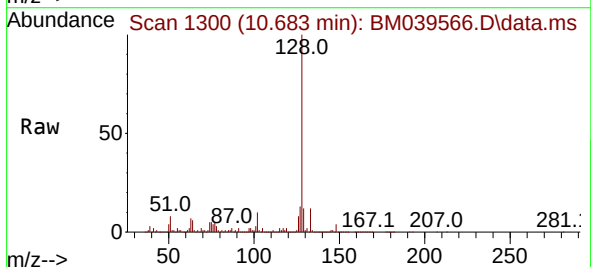
Instrument :
BNA_M
ClientSampleId :
SPA-2WC-23-04

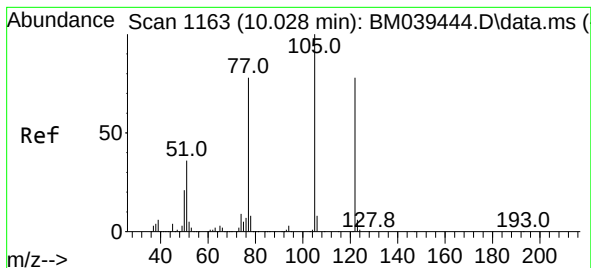
Tgt Ion:180 Resp: 752912
Ion Ratio Lower Upper
180 100
182 95.6 76.5 114.7
145 30.0 24.2 36.4



#31
Naphthalene
Concen: 94.346 ng
RT: 10.683 min Scan# 1300
Delta R.T. 0.006 min
Lab File: BM039566.D
Acq: 22 Apr 2023 00:05

Tgt Ion:128 Resp: 2819592
Ion Ratio Lower Upper
128 100
129 11.6 8.6 12.8
127 13.1 10.3 15.5





#32

Benzoic acid

Concen: 6.561 ng

RT: 10.083 min Scan# 1163

Delta R.T. 0.076 min

Lab File: BM039566.D

Acq: 22 Apr 2023 00:05

Instrument :

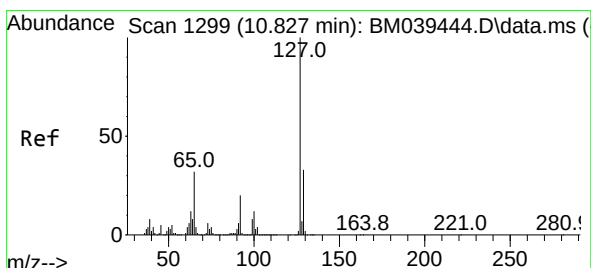
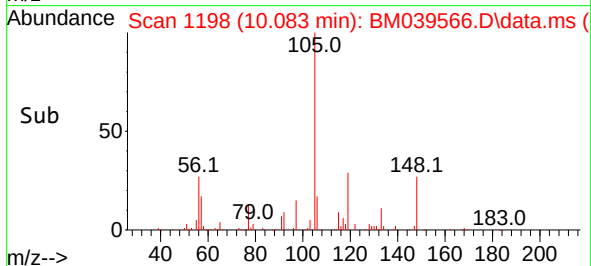
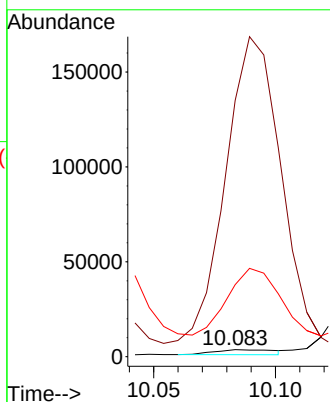
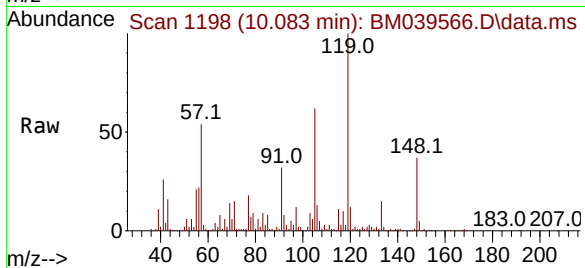
BNA_M

ClientSampleId :

SPA-2WC-23-04

Tgt Ion:122 Resp: 4551

Ion	Ratio	Lower	Upper
122	100		
105	3651.0	105.9	145.9#
77	1026.6	78.8	118.8#



#33

4-Chloroaniline

Concen: 2.026 ng

RT: 10.778 min Scan# 1316

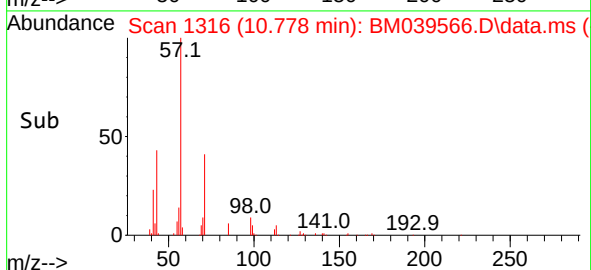
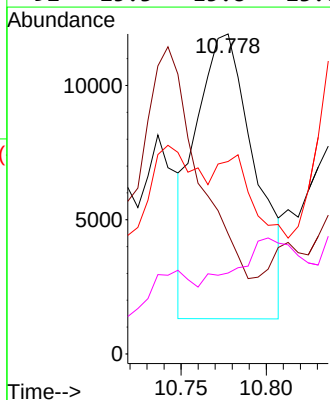
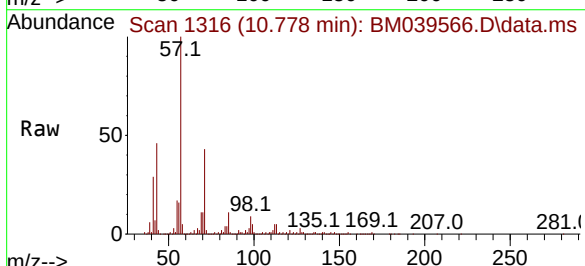
Delta R.T. -0.024 min

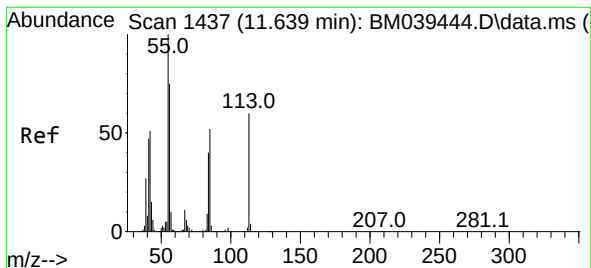
Lab File: BM039566.D

Acq: 22 Apr 2023 00:05

Tgt Ion:127 Resp: 25577

Ion	Ratio	Lower	Upper
127	100		
129	37.6	26.1	39.1
65	60.2	25.7	38.5#
92	25.3	15.8	23.6#





#35

Caprolactam

Concen: 21.944 ng

RT: 11.648 min Scan# 14

Delta R.T. 0.035 min

Lab File: BM039566.D

Acq: 22 Apr 2023 00:05

Instrument :

BNA_M

ClientSampleId :

SPA-2WC-23-04

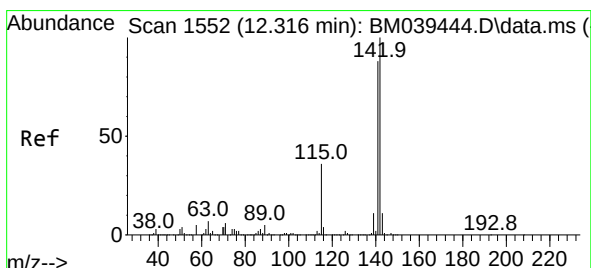
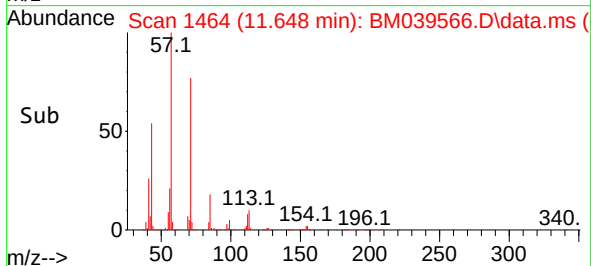
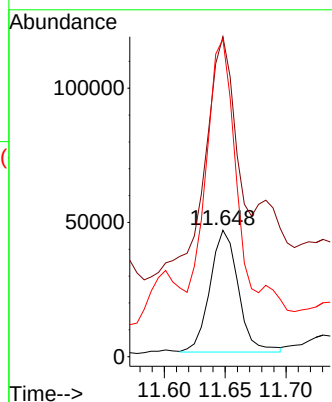
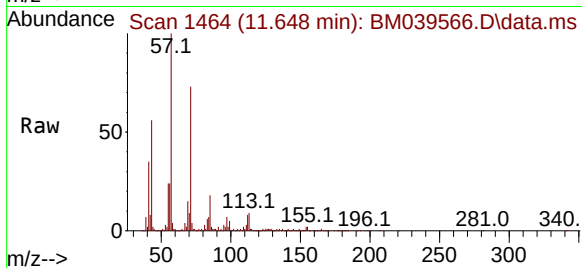
Tgt Ion:113 Resp: 73514

Ion Ratio Lower Upper

113 100

55 253.2 147.8 187.8#

56 251.2 105.6 145.6#



#37

2-Methylnaphthalene

Concen: 100.293 ng

RT: 12.301 min Scan# 1575

Delta R.T. 0.006 min

Lab File: BM039566.D

Acq: 22 Apr 2023 00:05

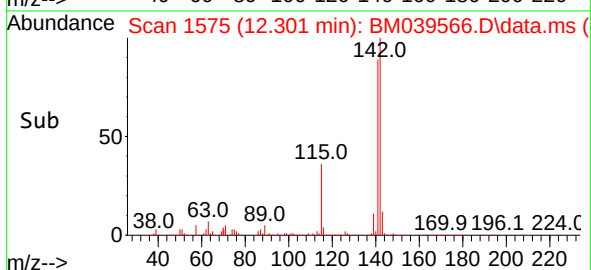
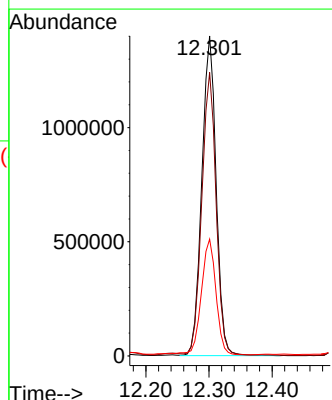
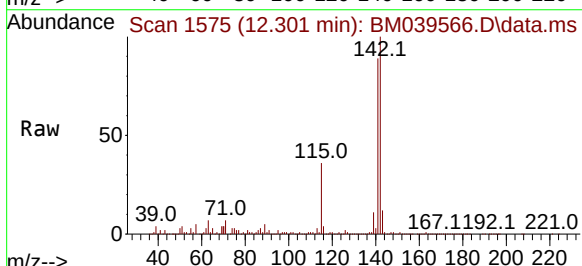
Tgt Ion:142 Resp: 2202714

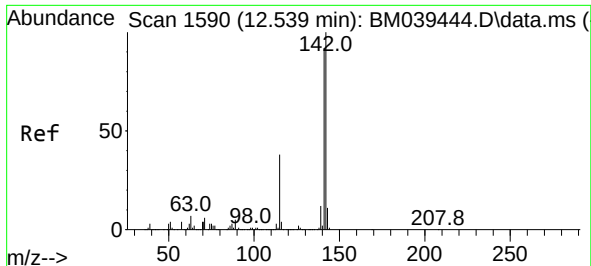
Ion Ratio Lower Upper

142 100

141 88.6 70.4 105.6

115 36.5 28.8 43.2

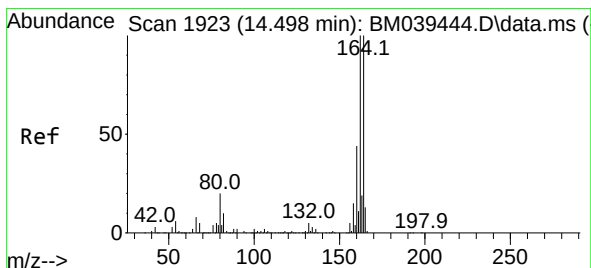
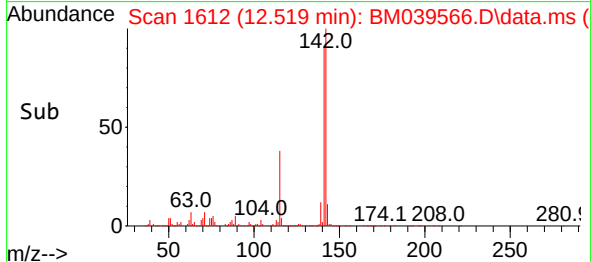
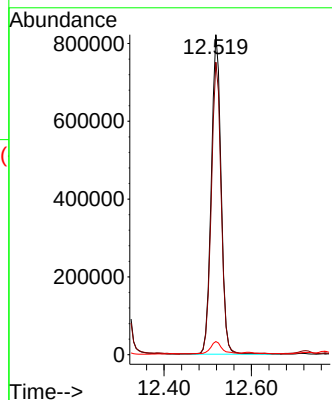
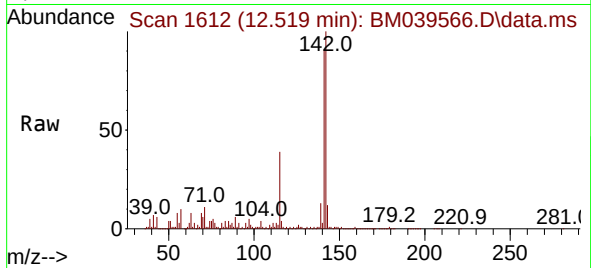




#38
1-Methylnaphthalene
Concen: 61.795 ng
RT: 12.519 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM039566.D
Acq: 22 Apr 2023 00:05

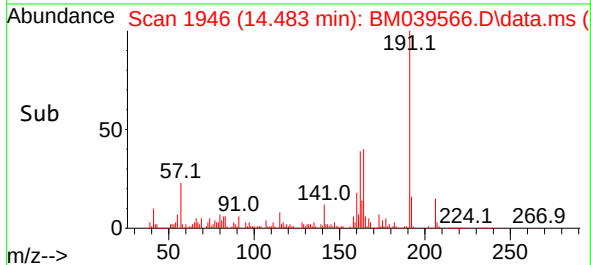
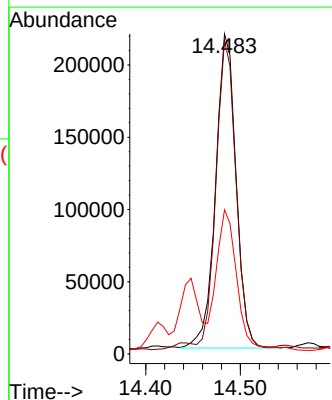
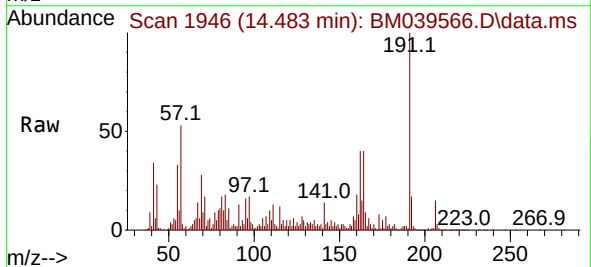
Instrument :
BNA_M
ClientSampleId :
SPA-2WC-23-04

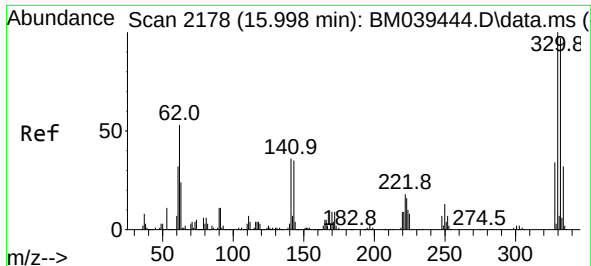
Tgt Ion:142 Resp: 1278924
Ion Ratio Lower Upper
142 100
141 91.4 73.3 109.9
116 4.1 3.1 4.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.483 min Scan# 1946
Delta R.T. 0.006 min
Lab File: BM039566.D
Acq: 22 Apr 2023 00:05

Tgt Ion:164 Resp: 328277
Ion Ratio Lower Upper
164 100
162 98.0 79.8 119.8
160 45.0 35.0 52.4

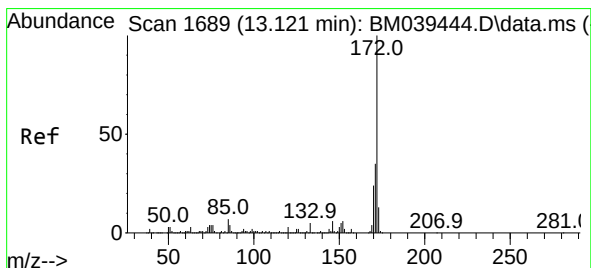
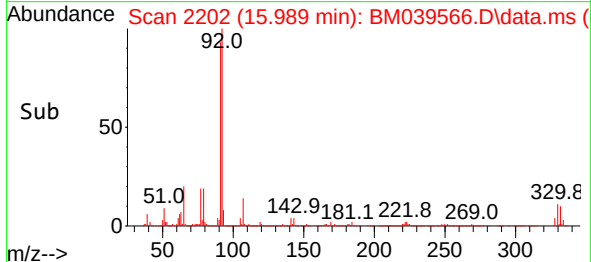
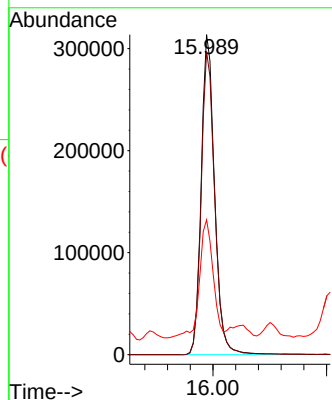
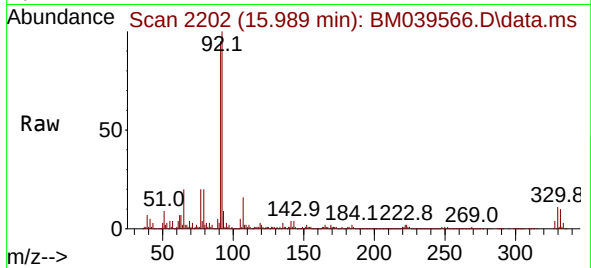




#42
2,4,6-Tribromophenol
Concen: 120.396 ng
RT: 15.989 min Scan# 2178
Delta R.T. 0.012 min
Lab File: BM039566.D
Acq: 22 Apr 2023 00:05

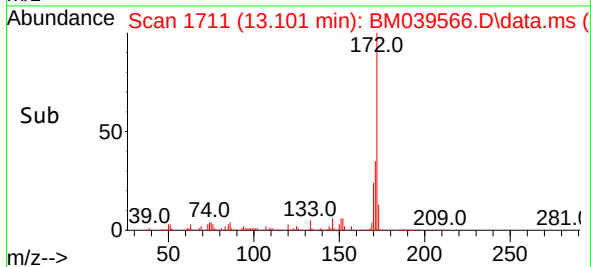
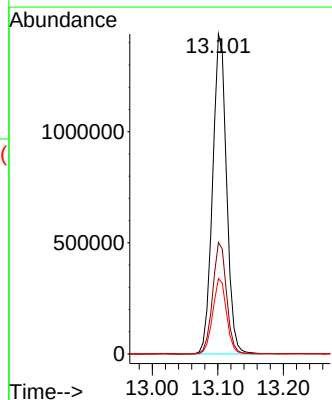
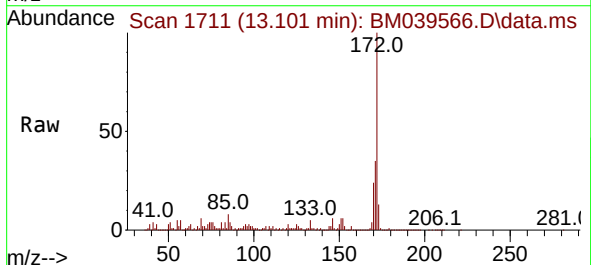
Instrument :
BNA_M
ClientSampleId :
SPA-2WC-23-04

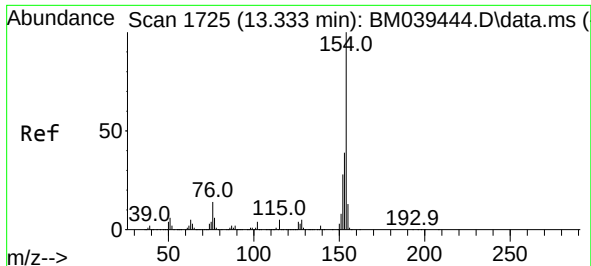
Tgt Ion:330 Resp: 512871
Ion Ratio Lower Upper
330 100
332 95.7 77.4 116.2
141 37.5 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 89.799 ng
RT: 13.101 min Scan# 1711
Delta R.T. -0.000 min
Lab File: BM039566.D
Acq: 22 Apr 2023 00:05

Tgt Ion:172 Resp: 2130548
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.8
170 23.5 19.0 28.4

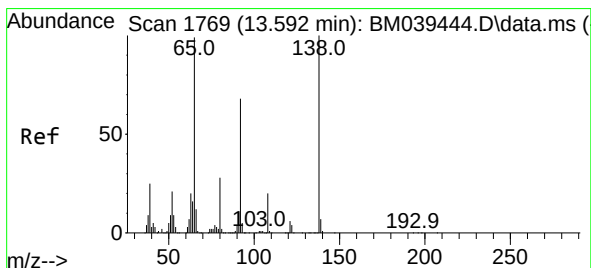
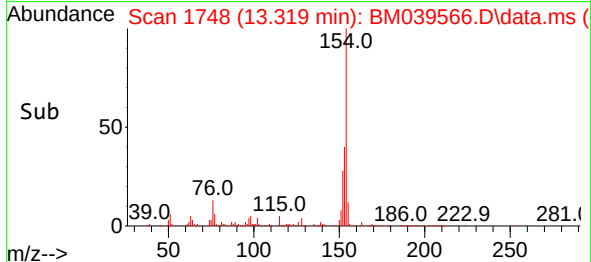
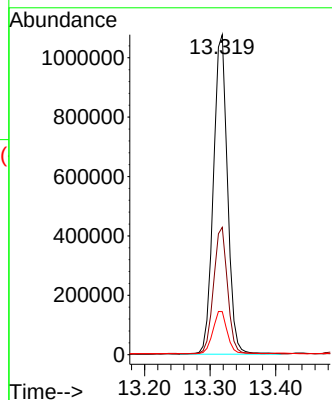
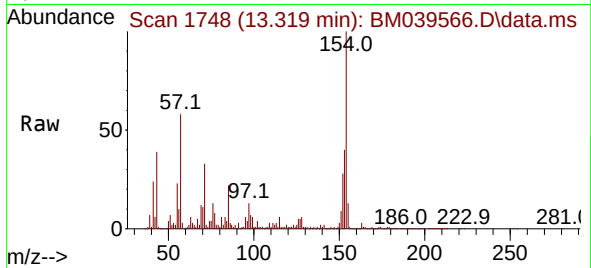




#46
1,1'-Biphenyl
Concen: 63.635 ng
RT: 13.319 min Scan# 1725
Delta R.T. 0.006 min
Lab File: BM039566.D
Acq: 22 Apr 2023 00:05

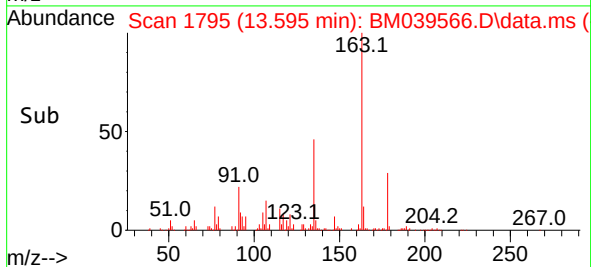
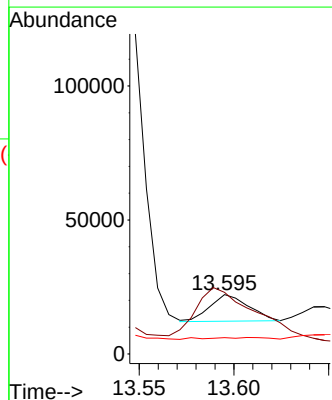
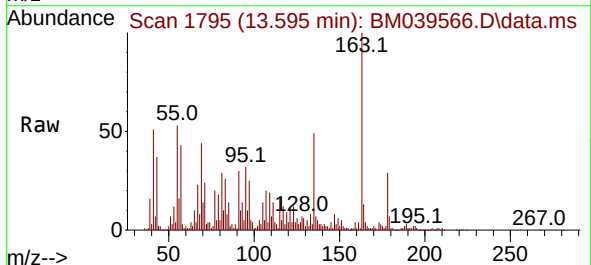
Instrument :
BNA_M
ClientSampleId :
SPA-2WC-23-04

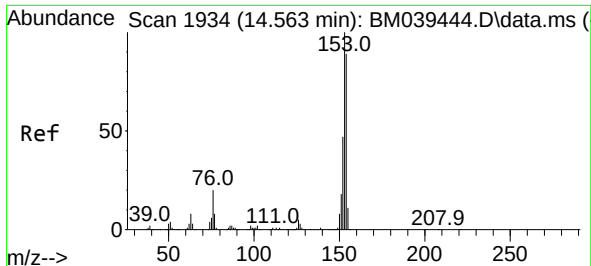
Tgt Ion:154 Resp: 1609365
Ion Ratio Lower Upper
154 100
153 39.8 19.5 59.5
76 13.4 0.0 34.1



#48
2-Nitroaniline
Concen: 2.185 ng
RT: 13.595 min Scan# 1795
Delta R.T. 0.018 min
Lab File: BM039566.D
Acq: 22 Apr 2023 00:05

Tgt Ion: 65 Resp: 14047
Ion Ratio Lower Upper
65 100
92 103.8 54.7 82.1#
138 27.4 80.8 121.2#

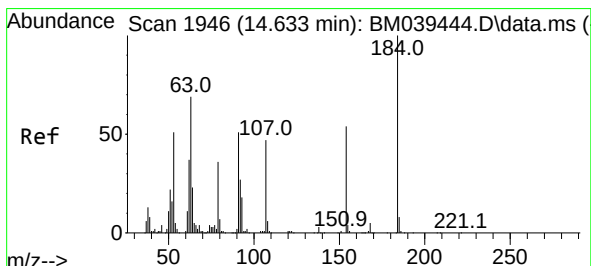
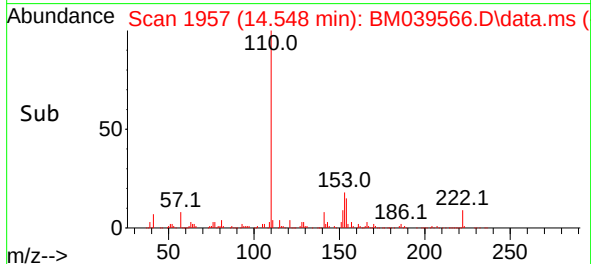
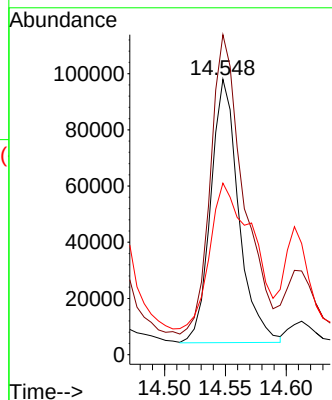
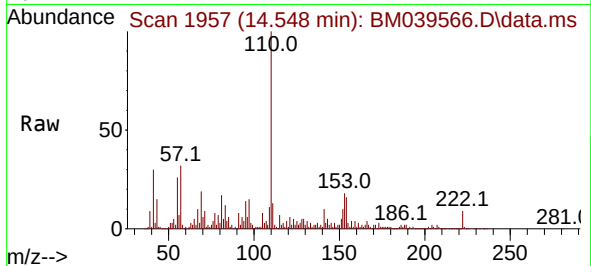




#52
Acenaphthene
Concen: 7.880 ng
RT: 14.548 min Scan# 1957
Delta R.T. 0.006 min
Lab File: BM039566.D
Acq: 22 Apr 2023 00:05

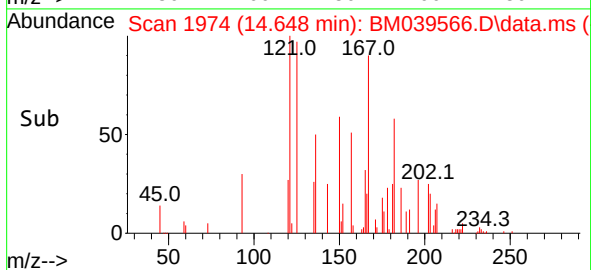
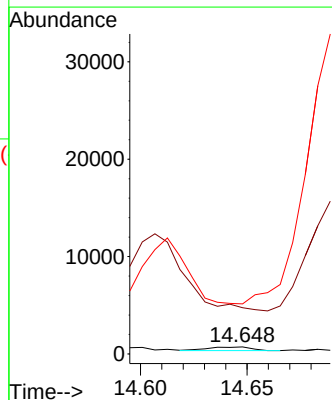
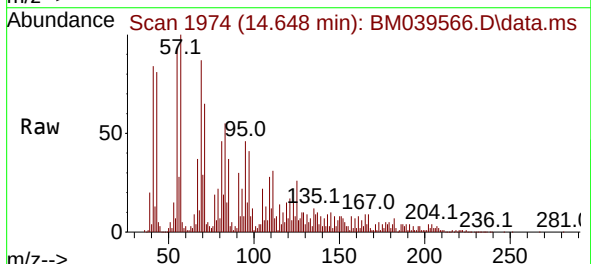
Instrument :
BNA_M
ClientSampleId :
SPA-2WC-23-04

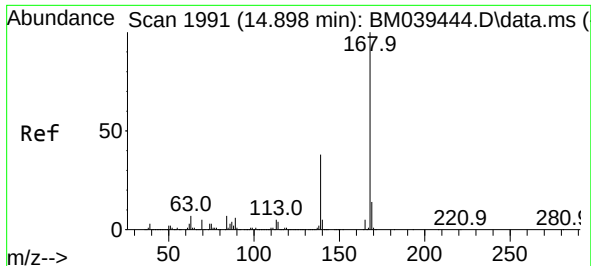
Tgt Ion:154 Resp: 150036
Ion Ratio Lower Upper
154 100
153 116.2 89.8 134.8
152 62.3 42.7 64.1



#54
2,4-Dinitrophenol
Concen: 5.867 ng
RT: 14.648 min Scan# 1974
Delta R.T. 0.029 min
Lab File: BM039566.D
Acq: 22 Apr 2023 00:05

Tgt Ion:184 Resp: 526
Ion Ratio Lower Upper
184 100
63 656.3 56.4 84.6#
154 711.5 49.1 73.7#

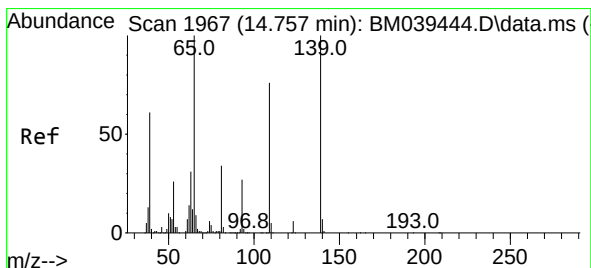
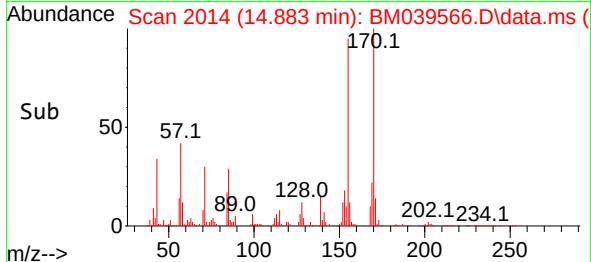
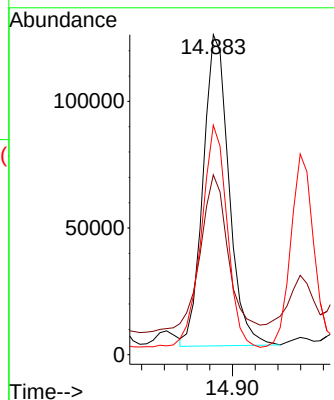
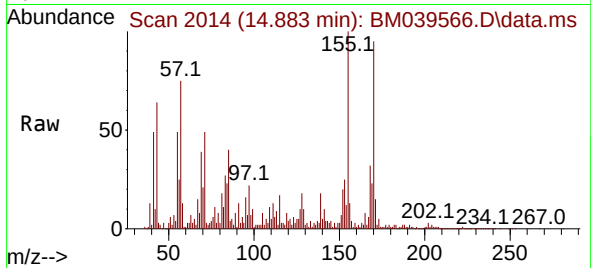




#55
Dibenzofuran
Concen: 6.331 ng
RT: 14.883 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BM039566.D
Acq: 22 Apr 2023 00:05

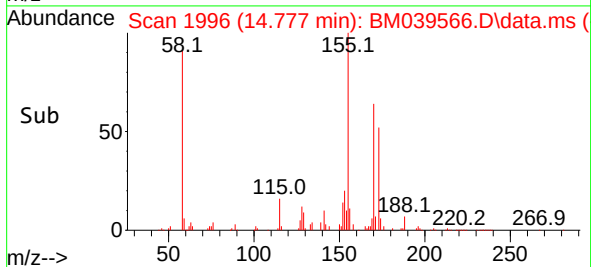
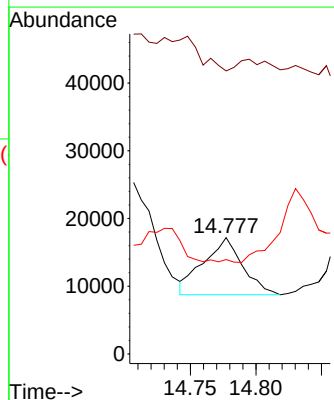
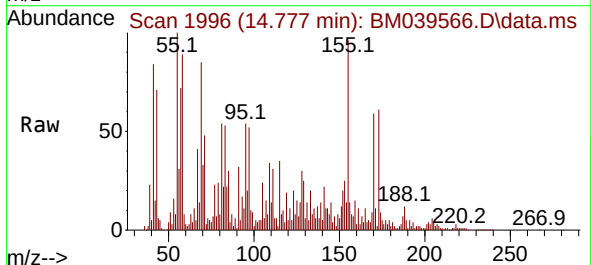
Instrument :
BNA_M
ClientSampleId :
SPA-2WC-23-04

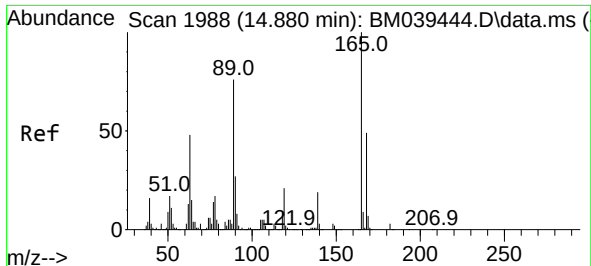
Tgt Ion:168 Resp: 193711
Ion Ratio Lower Upper
168 100
139 56.2 30.8 46.2#
169 71.7 10.8 16.2#



#56
4-Nitrophenol
Concen: 8.880 ng
RT: 14.777 min Scan# 1996
Delta R.T. 0.047 min
Lab File: BM039566.D
Acq: 22 Apr 2023 00:05

Tgt Ion:139 Resp: 17483
Ion Ratio Lower Upper
139 100
109 243.3 56.5 96.5#
65 81.2 81.3 121.3#

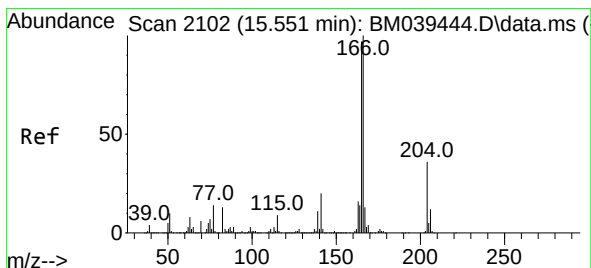
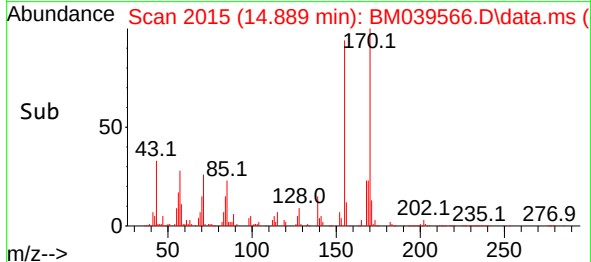
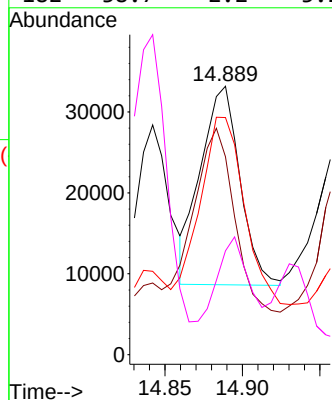
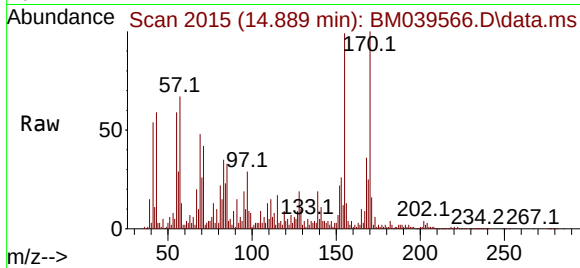




#57
2,4-Dinitrotoluene
Concen: 5.638 ng
RT: 14.889 min Scan# 20
Delta R.T. 0.029 min
Lab File: BM039566.D
Acq: 22 Apr 2023 00:05

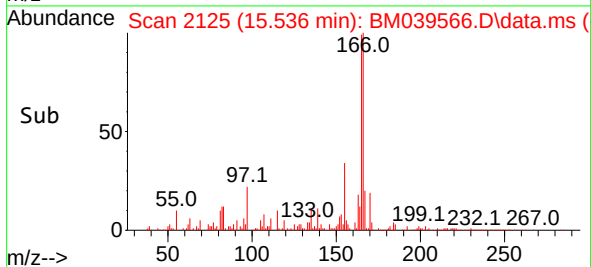
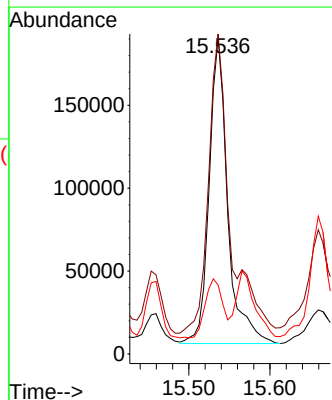
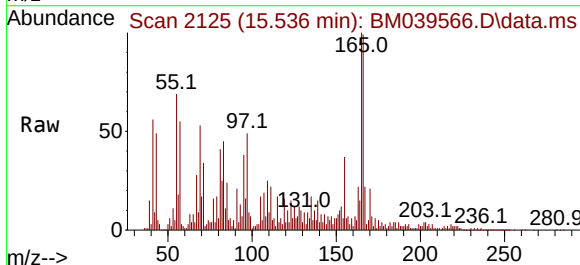
Instrument :
BNA_M
ClientSampleId :
SPA-2WC-23-04

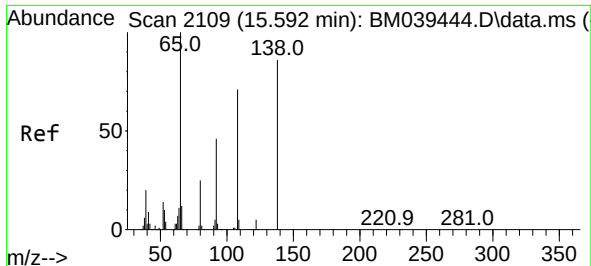
Tgt Ion:165 Resp: 43540
Ion Ratio Lower Upper
165 100
63 73.7 39.0 58.6#
89 88.4 61.0 91.4
182 38.7 2.2 3.2#



#58
Fluorene
Concen: 11.719 ng
RT: 15.536 min Scan# 2125
Delta R.T. 0.006 min
Lab File: BM039566.D
Acq: 22 Apr 2023 00:05

Tgt Ion:166 Resp: 290810
Ion Ratio Lower Upper
166 100
165 101.2 77.4 116.0
167 21.8 10.6 15.8#

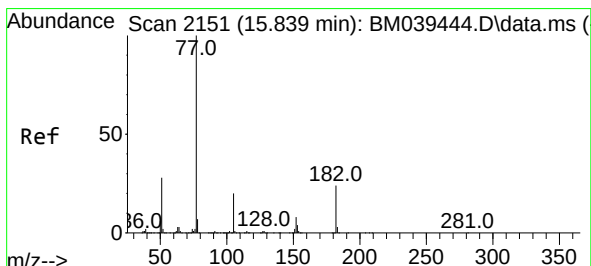
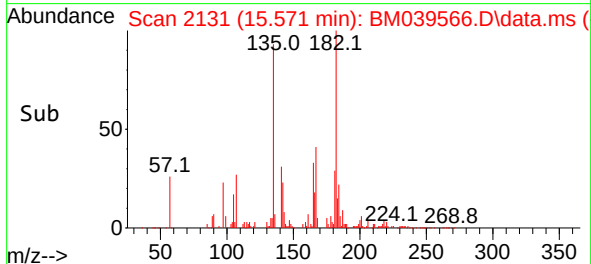
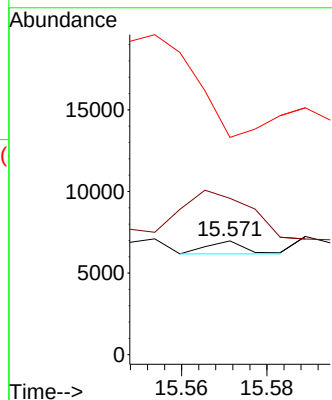
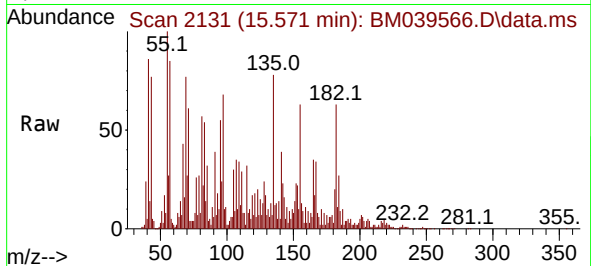




#62
4-Nitroaniline
Concen: 2.873 ng
RT: 15.571 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BM039566.D
Acq: 22 Apr 2023 00:05

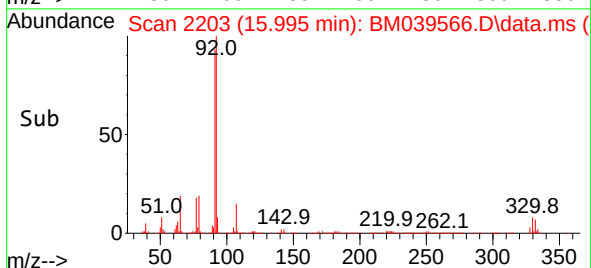
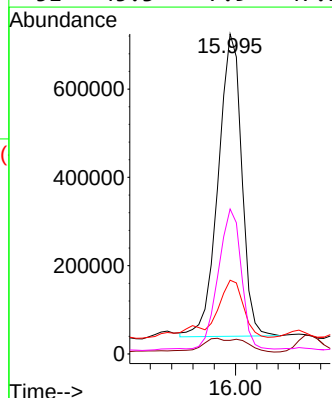
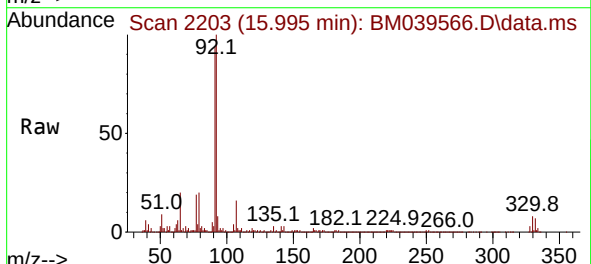
Instrument :
BNA_M
ClientSampleId :
SPA-2WC-23-04

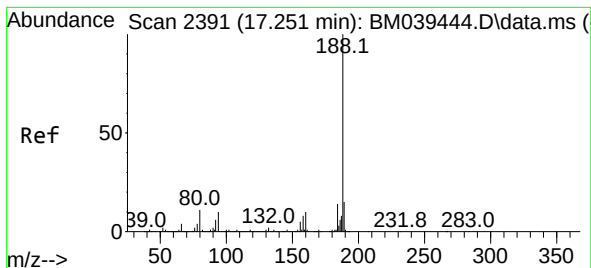
Tgt Ion:138 Resp: 496
Ion Ratio Lower Upper
138 100
92 137.3 32.6 72.6#
108 191.0 60.6 100.6#



#63
Azobenzene
Concen: 39.070 ng
RT: 15.995 min Scan# 2203
Delta R.T. 0.176 min
Lab File: BM039566.D
Acq: 22 Apr 2023 00:05

Tgt Ion: 77 Resp: 1048882
Ion Ratio Lower Upper
77 100
182 4.3 3.7 43.7
105 23.1 0.5 40.5
51 45.3 7.9 47.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.248 min Scan# 2416

Delta R.T. 0.018 min

Lab File: BM039566.D

Acq: 22 Apr 2023 00:05

Instrument :

BNA_M

ClientSampleId :

SPA-2WC-23-04

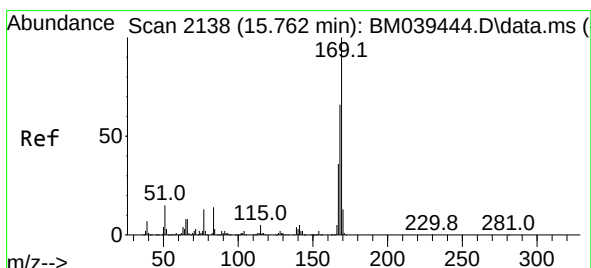
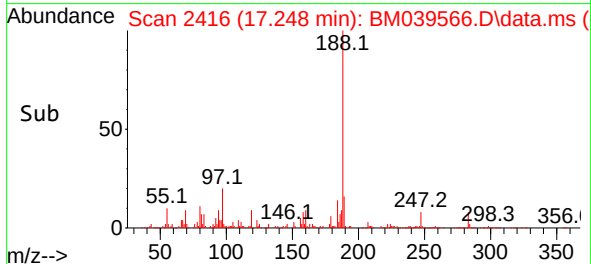
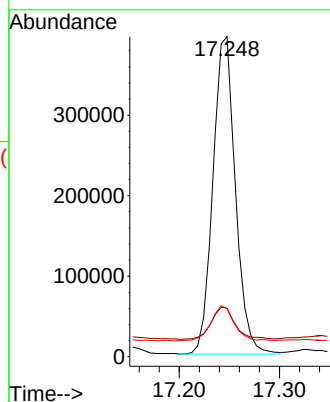
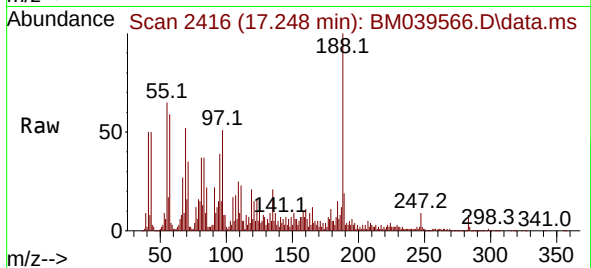
Tgt Ion:188 Resp: 614902

Ion Ratio Lower Upper

188 100

94 15.1 7.9 11.9#

80 15.0 8.9 13.3#



#66

n-Nitrosodiphenylamine

Concen: 28.463 ng

RT: 15.748 min Scan# 2161

Delta R.T. -0.000 min

Lab File: BM039566.D

Acq: 22 Apr 2023 00:05

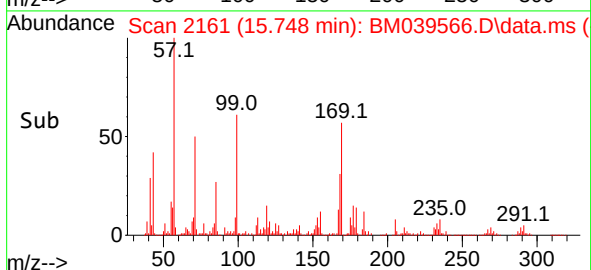
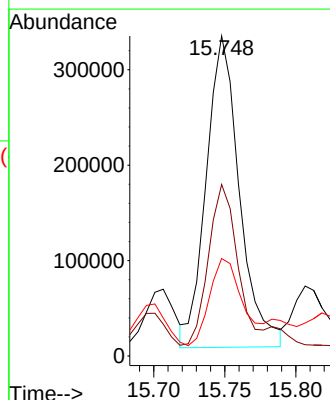
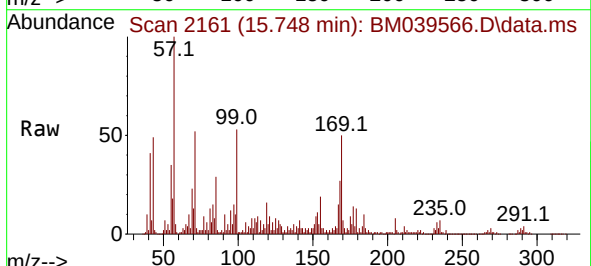
Tgt Ion:169 Resp: 530627

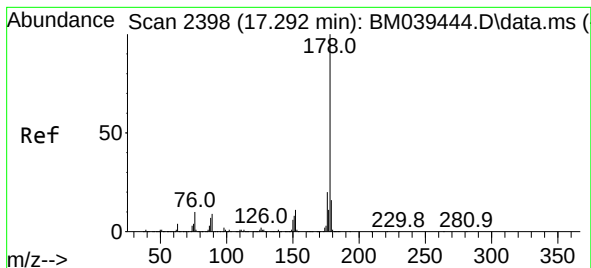
Ion Ratio Lower Upper

169 100

168 53.6 52.6 79.0

167 30.5 29.0 43.4





#71

Phenanthrene

Concen: 51.110 ng

RT: 17.289 min Scan# 24

Delta R.T. 0.012 min

Lab File: BM039566.D

Acq: 22 Apr 2023 00:05

Instrument :

BNA_M

ClientSampleId :

SPA-2WC-23-04

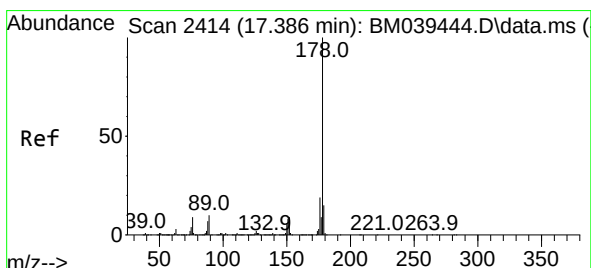
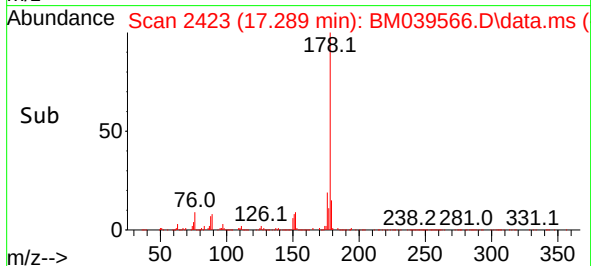
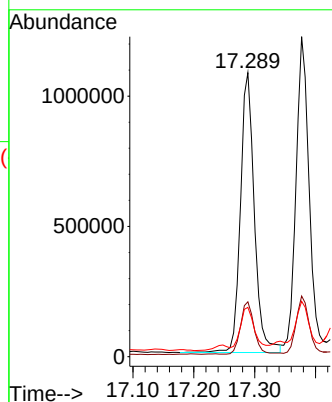
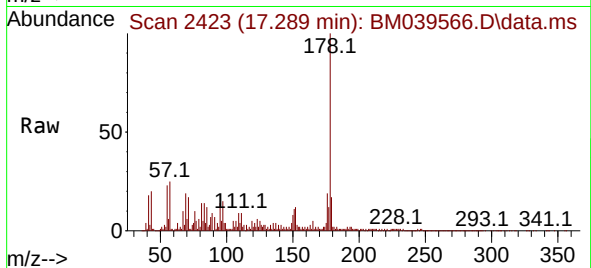
Tgt Ion:178 Resp: 1704201

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

179 17.3 12.5 18.7



#72

Anthracene

Concen: 50.829 ng

RT: 17.377 min Scan# 2438

Delta R.T. 0.012 min

Lab File: BM039566.D

Acq: 22 Apr 2023 00:05

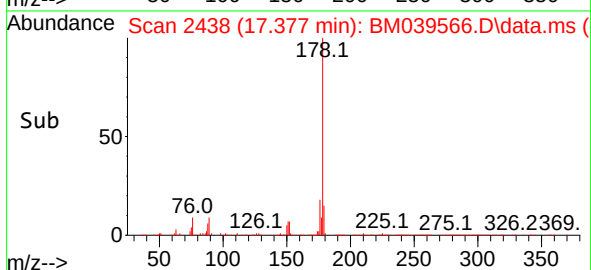
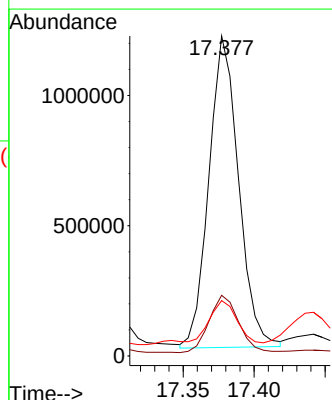
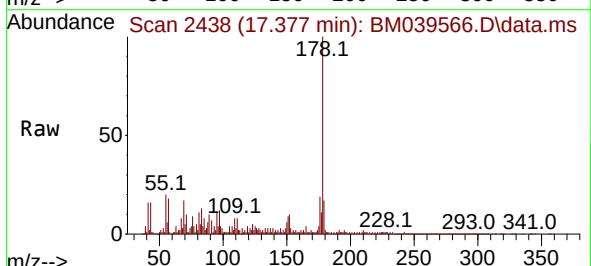
Tgt Ion:178 Resp: 1738527

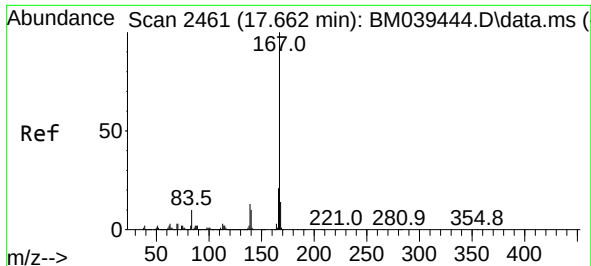
Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

179 17.3 12.2 18.4

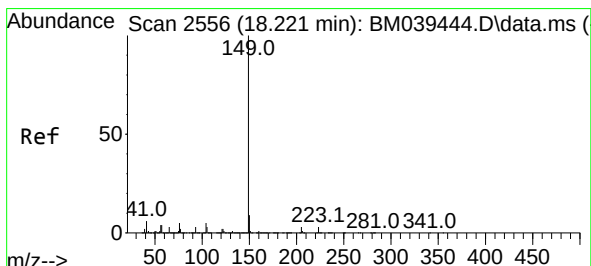
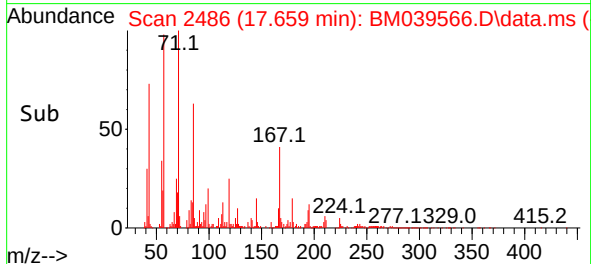
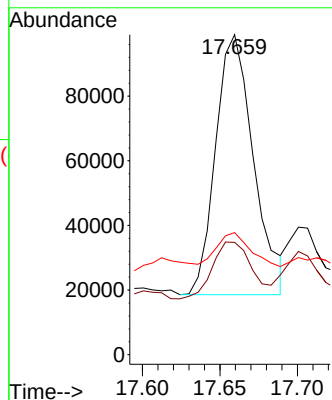
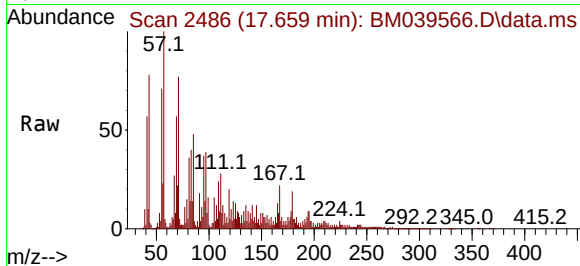




#73
Carbazole
Concen: 4.403 ng
RT: 17.659 min Scan# 2461
Delta R.T. 0.018 min
Lab File: BM039566.D
Acq: 22 Apr 2023 00:05

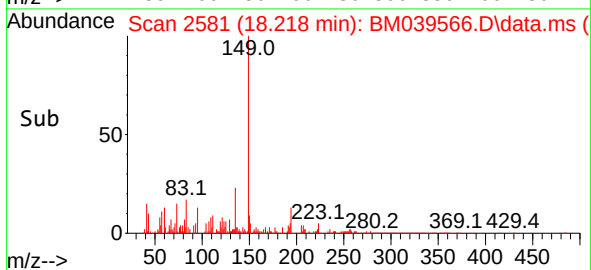
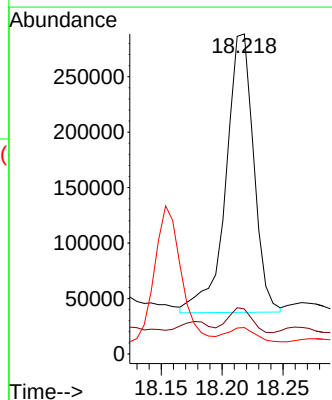
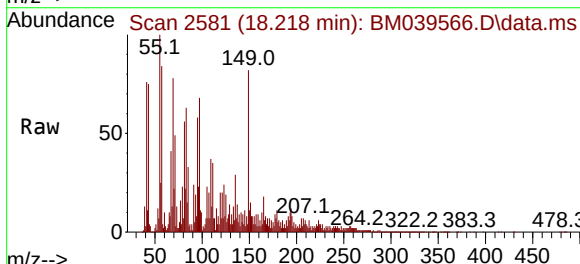
Instrument :
BNA_M
ClientSampleId :
SPA-2WC-23-04

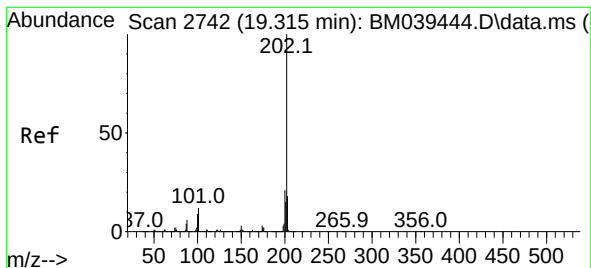
Tgt Ion:167 Resp: 136977
Ion Ratio Lower Upper
167 100
166 35.1 17.0 25.6#
139 38.1 10.6 16.0#



#74
Di-n-butylphthalate
Concen: 9.234 ng
RT: 18.218 min Scan# 2581
Delta R.T. 0.018 min
Lab File: BM039566.D
Acq: 22 Apr 2023 00:05

Tgt Ion:149 Resp: 399298
Ion Ratio Lower Upper
149 100
150 14.1 7.4 11.2#
104 8.2 4.1 6.1#





#75

Fluoranthene

Concen: 41.632 ng

RT: 19.312 min Scan# 21

Delta R.T. 0.018 min

Lab File: BM039566.D

Acq: 22 Apr 2023 00:05

Instrument :

BNA_M

ClientSampleId :

SPA-2WC-23-04

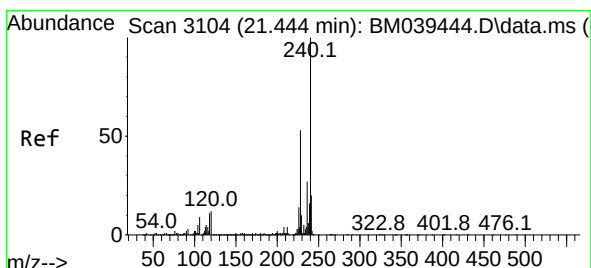
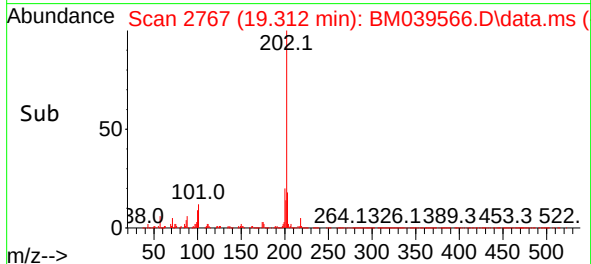
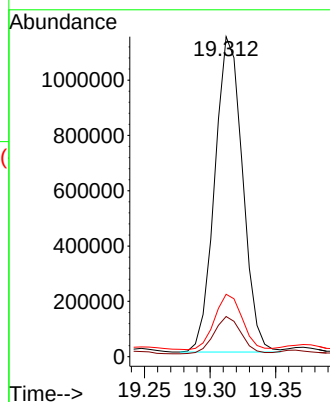
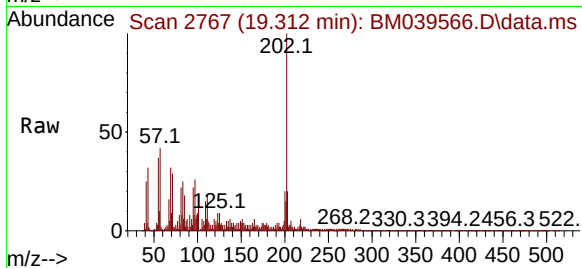
Tgt Ion:202 Resp: 1684160

Ion Ratio Lower Upper

202 100

101 12.6 0.0 32.1

203 19.5 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.447 min Scan# 3130

Delta R.T. 0.023 min

Lab File: BM039566.D

Acq: 22 Apr 2023 00:05

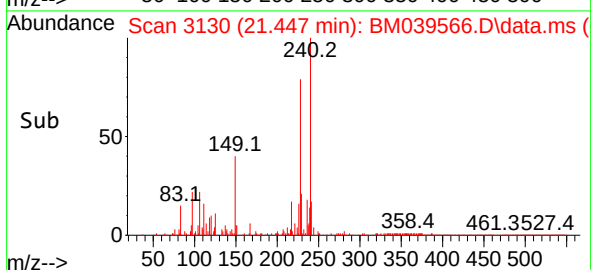
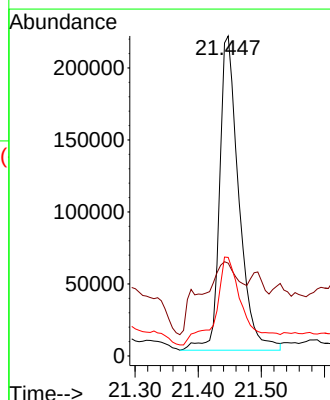
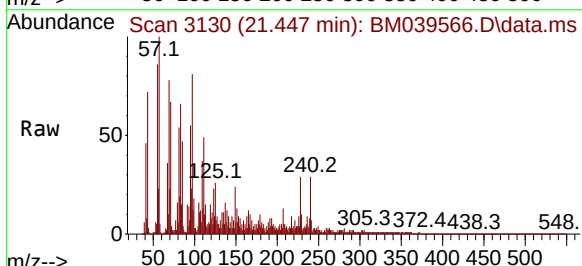
Tgt Ion:240 Resp: 463907

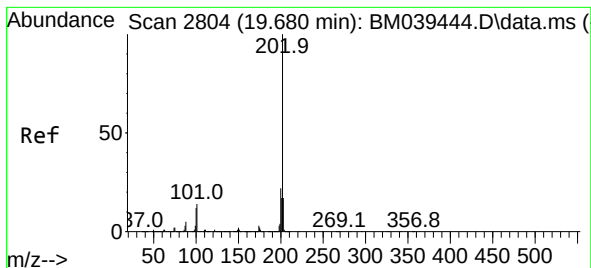
Ion Ratio Lower Upper

240 100

120 29.0 9.4 14.2#

236 30.8 21.2 31.8





#78

Pyrene

Concen: 47.907 ng

RT: 19.677 min Scan# 2

Delta R.T. 0.018 min

Lab File: BM039566.D

Acq: 22 Apr 2023 00:05

Instrument :

BNA_M

ClientSampleId :

SPA-2WC-23-04

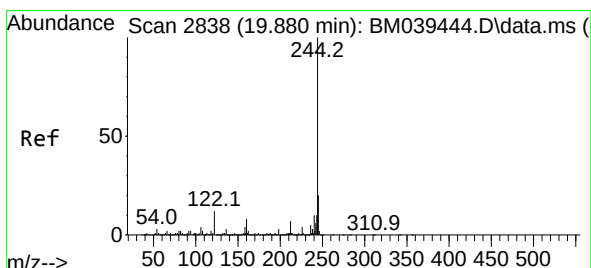
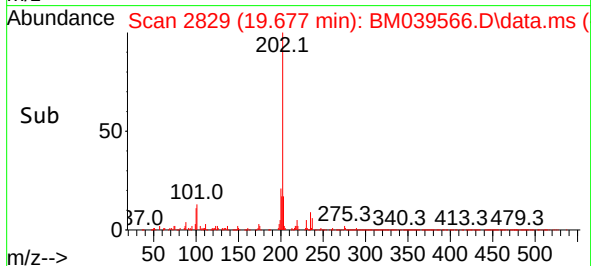
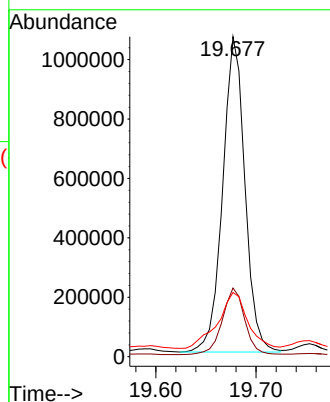
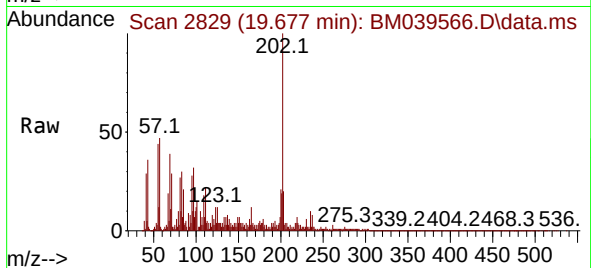
Tgt Ion:202 Resp: 1634390

Ion Ratio Lower Upper

202 100

200 21.5 17.2 25.8

203 20.0 13.9 20.9



#79

Terphenyl-d14

Concen: 94.068 ng

RT: 19.877 min Scan# 2863

Delta R.T. 0.012 min

Lab File: BM039566.D

Acq: 22 Apr 2023 00:05

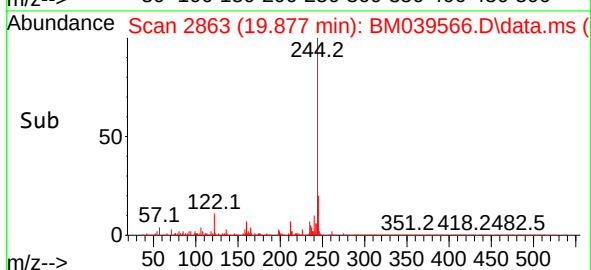
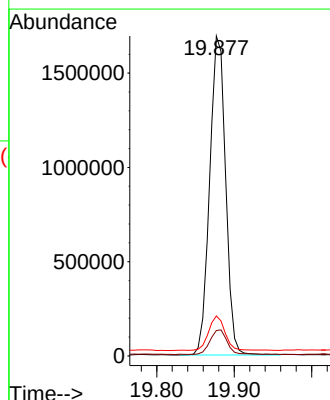
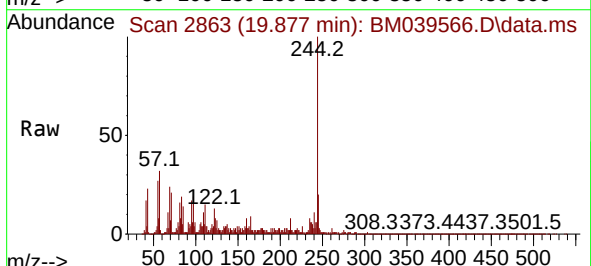
Tgt Ion:244 Resp: 2418950

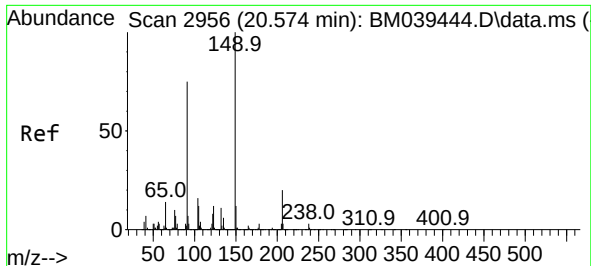
Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

122 12.5 9.5 14.3

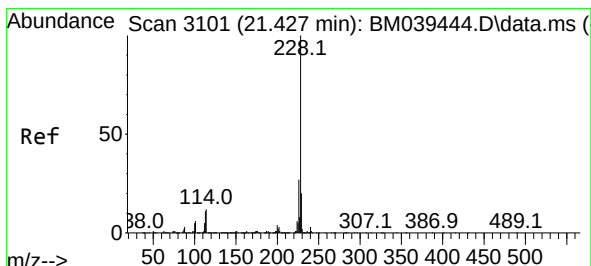
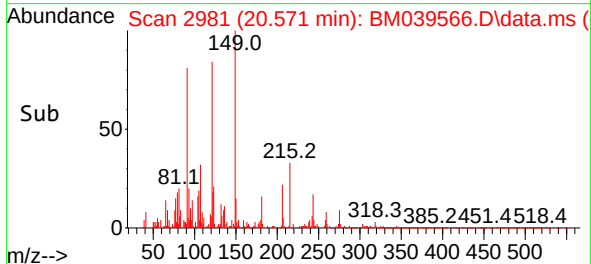
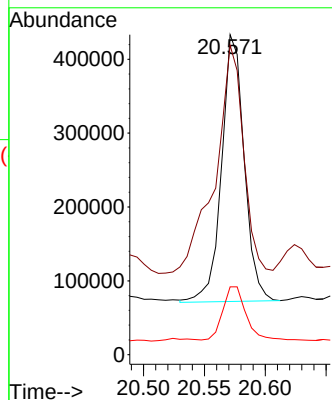
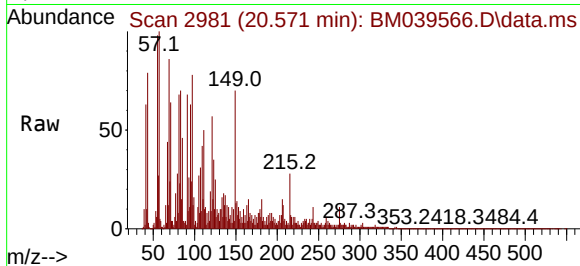




#80
Butylbenzylphthalate
Concen: 27.609 ng
RT: 20.571 min Scan# 2956
Delta R.T. 0.012 min
Lab File: BM039566.D
Acq: 22 Apr 2023 00:05

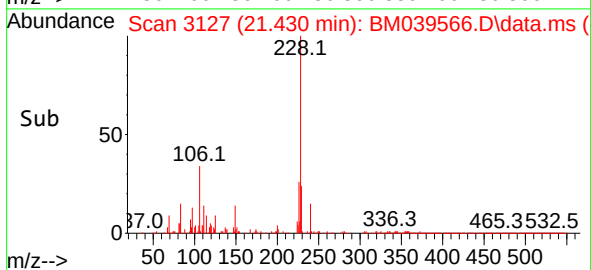
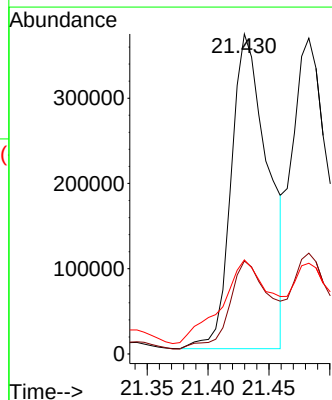
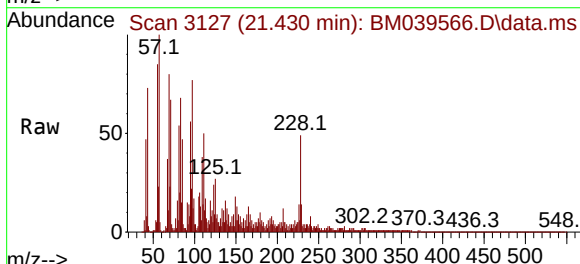
Instrument :
BNA_M
ClientSampleId :
SPA-2WC-23-04

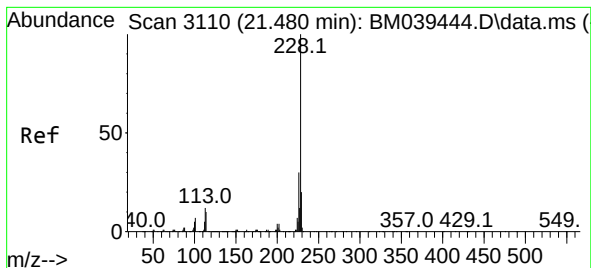
Tgt Ion:149 Resp: 467068
Ion Ratio Lower Upper
149 100
91 96.7 59.9 89.9#
206 21.2 15.8 23.8



#81
Benzo(a)anthracene
Concen: 23.546 ng
RT: 21.430 min Scan# 3127
Delta R.T. 0.018 min
Lab File: BM039566.D
Acq: 22 Apr 2023 00:05

Tgt Ion:228 Resp: 775701
Ion Ratio Lower Upper
228 100
226 29.0 21.8 32.8
229 29.4 15.9 23.9#





#83

Chrysene

Concen: 25.664 ng

RT: 21.483 min Scan# 3110

Delta R.T. 0.018 min

Lab File: BM039566.D

Acq: 22 Apr 2023 00:05

Instrument :

BNA_M

ClientSampleId :

SPA-2WC-23-04

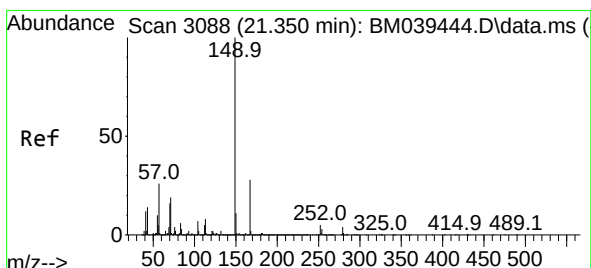
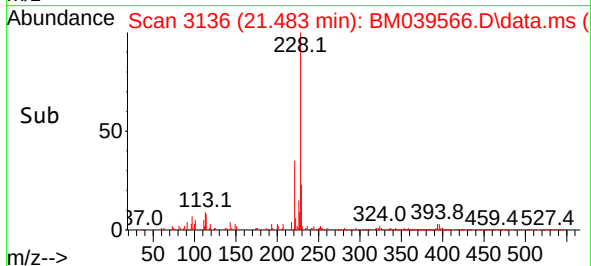
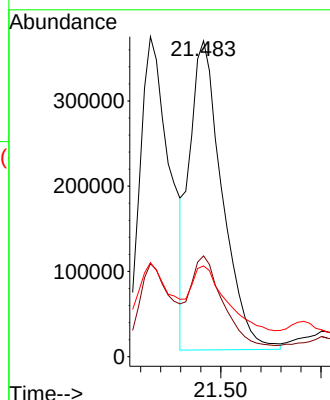
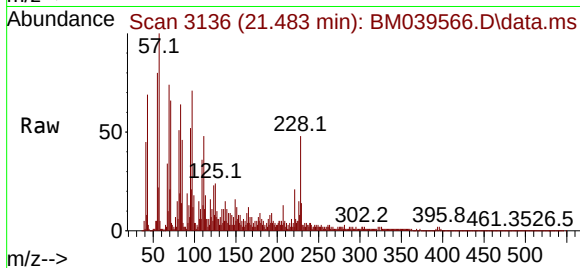
Tgt Ion:228 Resp: 819491

Ion Ratio Lower Upper

228 100

226 31.9 24.0 36.0

229 28.7 16.0 24.0#



#84

Bis(2-ethylhexyl)phthalate

Concen: 482.918 ng

RT: 21.371 min Scan# 3117

Delta R.T. 0.041 min

Lab File: BM039566.D

Acq: 22 Apr 2023 00:05

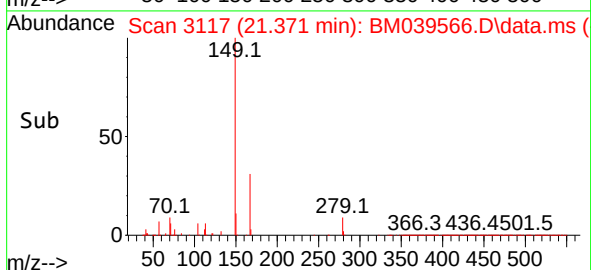
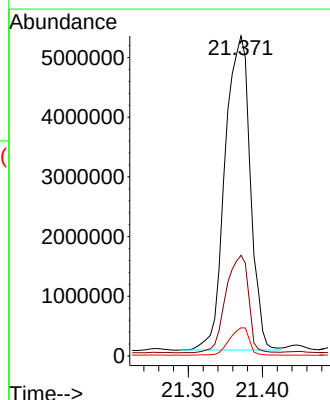
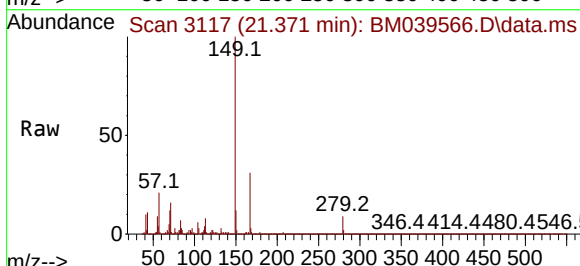
Tgt Ion:149 Resp:12453598

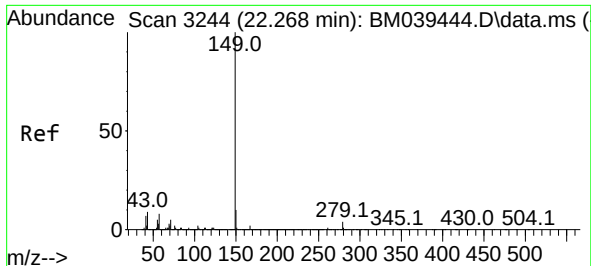
Ion Ratio Lower Upper

149 100

167 31.5 22.3 33.5

279 8.8 3.2 4.8#

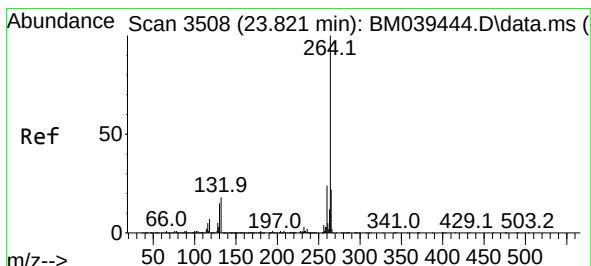
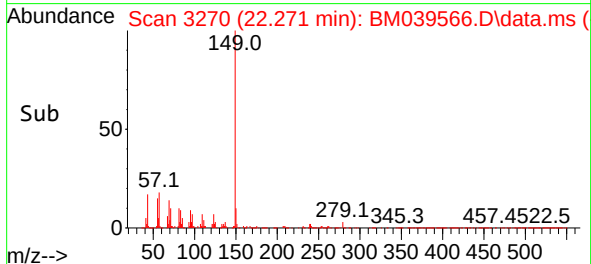
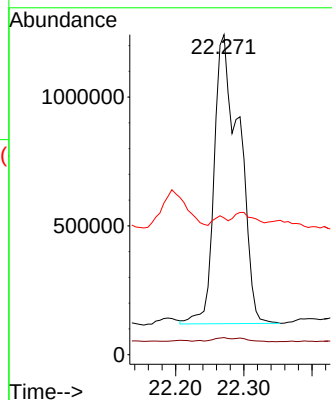
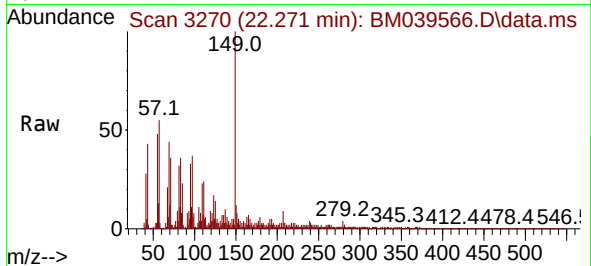




#85
Di-n-octyl phthalate
Concen: 65.132 ng
RT: 22.271 min Scan# 31
Delta R.T. 0.023 min
Lab File: BM039566.D
Acq: 22 Apr 2023 00:05

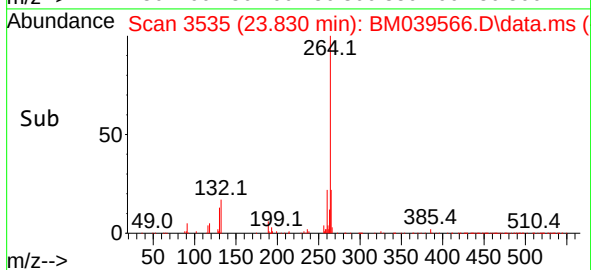
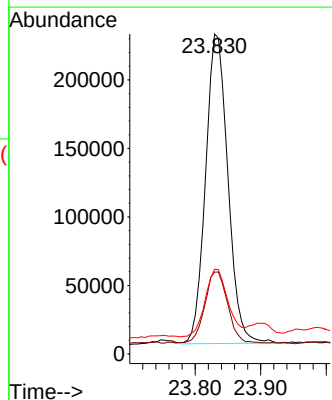
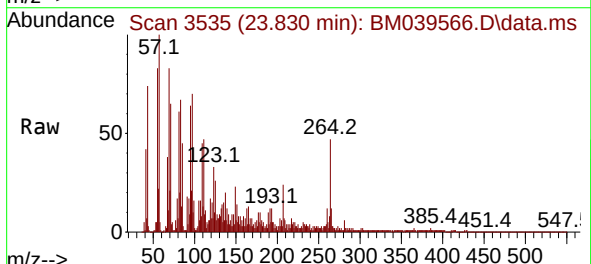
Instrument :
BNA_M
ClientSampleId :
SPA-2WC-23-04

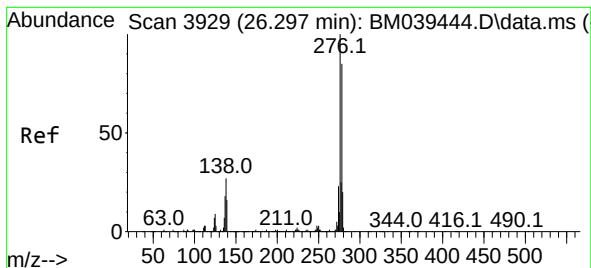
Tgt Ion:149 Resp: 2888327
Ion Ratio Lower Upper
149 100
167 0.7 1.2 1.8#
43 1.6 7.1 10.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.830 min Scan# 3535
Delta R.T. 0.041 min
Lab File: BM039566.D
Acq: 22 Apr 2023 00:05

Tgt Ion:264 Resp: 534843
Ion Ratio Lower Upper
264 100
260 25.6 19.0 28.6
265 26.4 18.0 27.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 10.432 ng

RT: 26.294 min Scan# 3413

Delta R.T. 0.059 min

Lab File: BM039566.D

Acq: 22 Apr 2023 00:05

Instrument :

BNA_M

ClientSampleId :

SPA-2WC-23-04

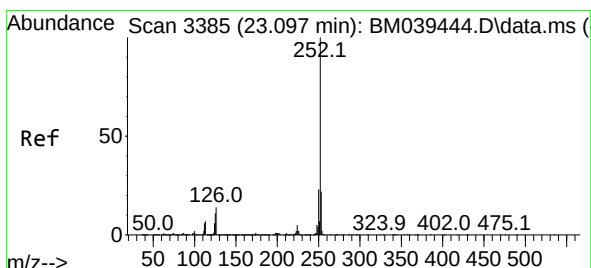
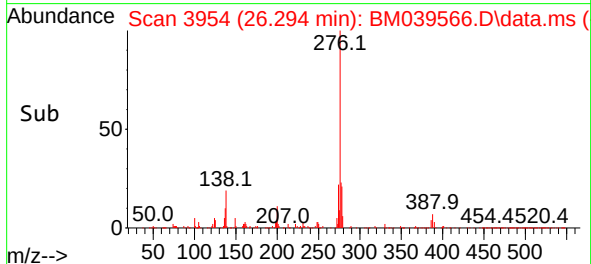
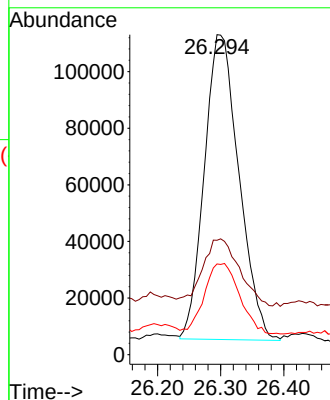
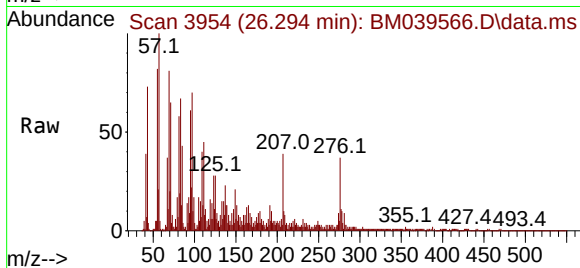
Tgt Ion:276 Resp: 409975

Ion Ratio Lower Upper

276 100

138 23.4 21.4 32.0

277 23.6 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 38.500 ng

RT: 23.112 min Scan# 3413

Delta R.T. 0.041 min

Lab File: BM039566.D

Acq: 22 Apr 2023 00:05

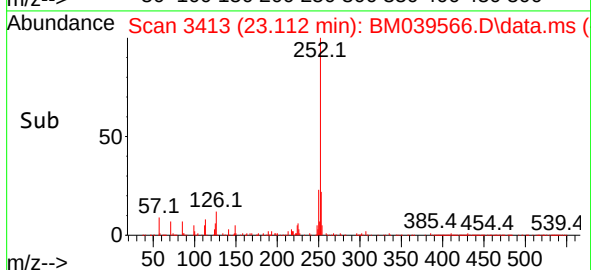
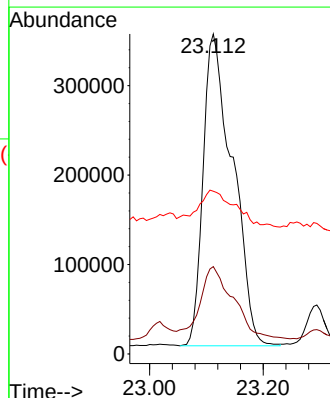
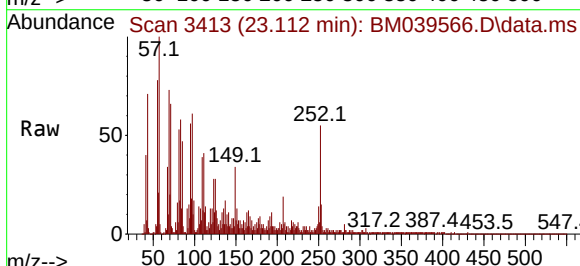
Tgt Ion:252 Resp: 1255478

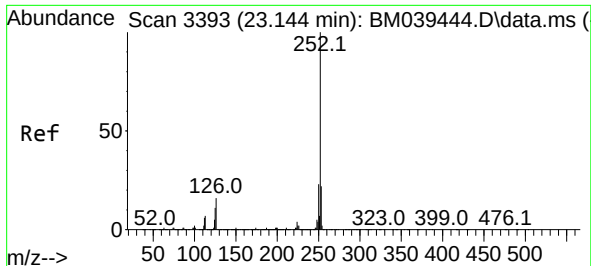
Ion Ratio Lower Upper

252 100

253 27.3 17.8 26.6#

125 50.9 8.9 13.3#





#89

Benzo(k)fluoranthene

Concen: 36.825 ng

RT: 23.112 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM039566.D

Acq: 22 Apr 2023 00:05

Instrument :

BNA_M

ClientSampleId :

SPA-2WC-23-04

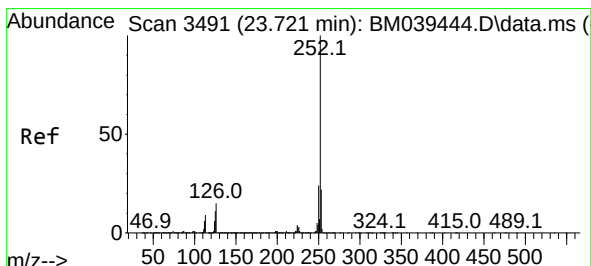
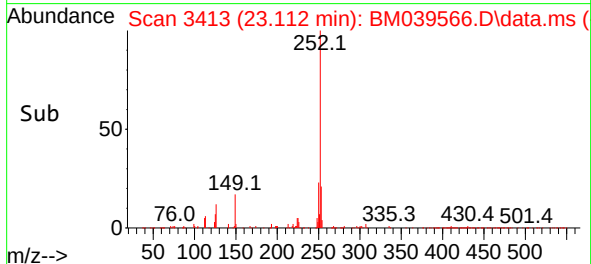
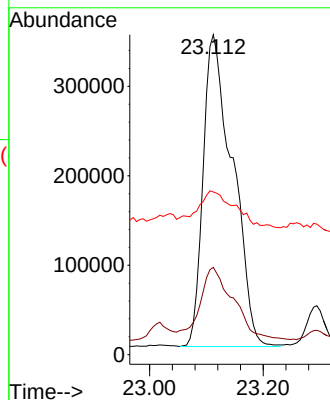
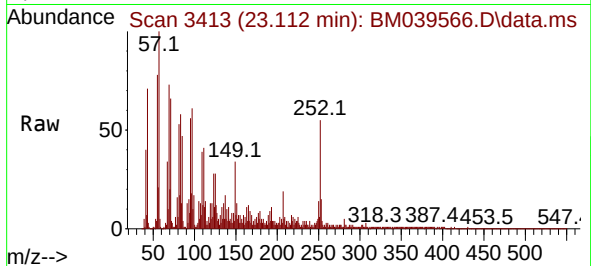
Tgt Ion:252 Resp: 1255478

Ion Ratio Lower Upper

252 100

253 27.3 17.5 26.3#

125 50.9 8.8 13.2#



#90

Benzo(a)pyrene

Concen: 20.947 ng

RT: 23.730 min Scan# 3518

Delta R.T. 0.047 min

Lab File: BM039566.D

Acq: 22 Apr 2023 00:05

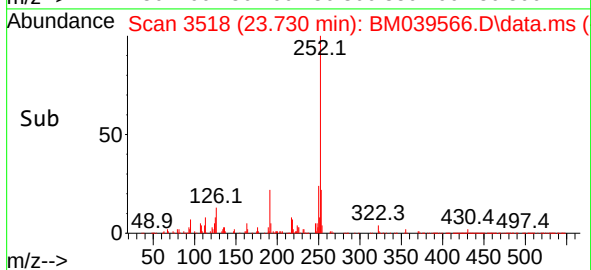
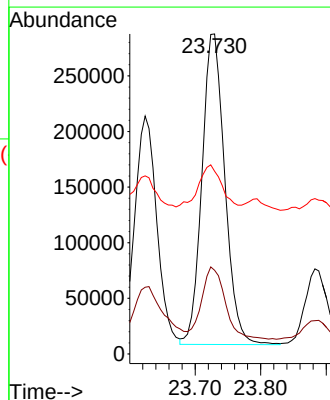
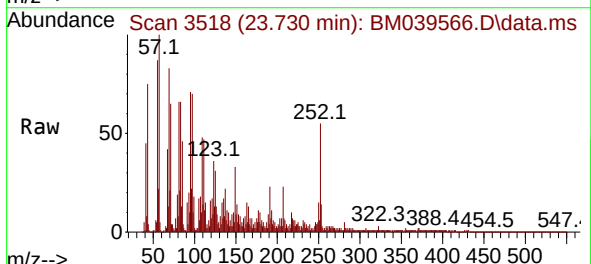
Tgt Ion:252 Resp: 678905

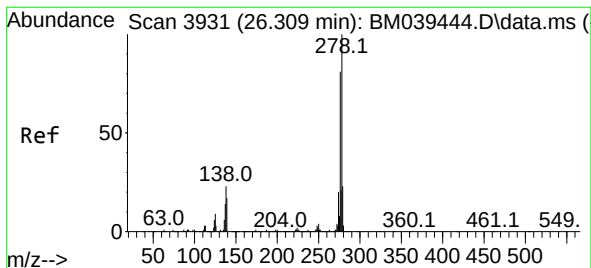
Ion Ratio Lower Upper

252 100

253 26.2 17.7 26.5

125 57.1 9.0 13.6#





#91

Dibenzo(a,h)anthracene

Concen: 4.189 ng

RT: 26.306 min Scan# 3931

Delta R.T. 0.059 min

Lab File: BM039566.D

Acq: 22 Apr 2023 00:05

Instrument :

BNA_M

ClientSampleId :

SPA-2WC-23-04

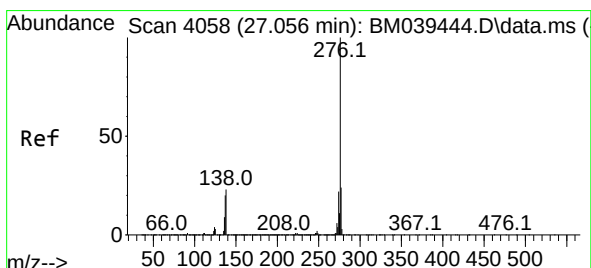
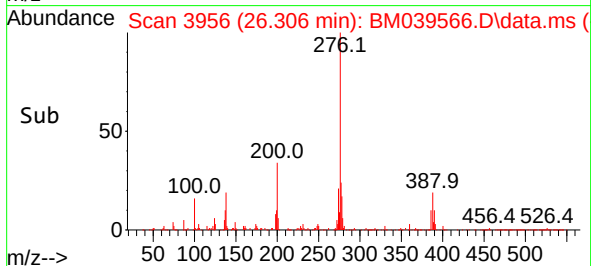
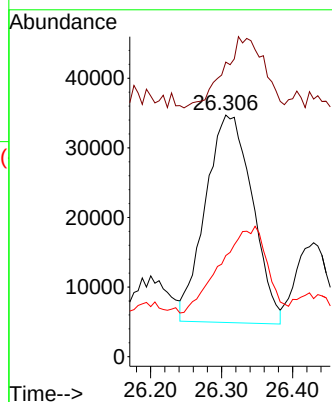
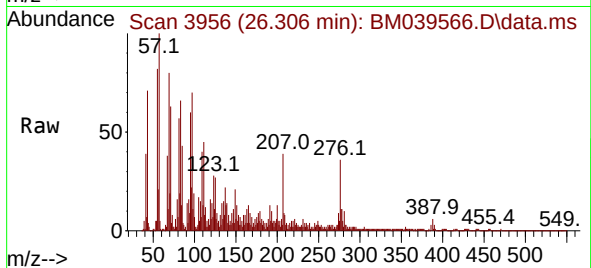
Tgt Ion:278 Resp: 136836

Ion Ratio Lower Upper

278 100

139 121.9 13.7 20.5#

279 41.8 18.8 28.2#



#92

Benzo(g,h,i)perylene

Concen: 13.194 ng

RT: 27.065 min Scan# 4085

Delta R.T. 0.076 min

Lab File: BM039566.D

Acq: 22 Apr 2023 00:05

Tgt Ion:276 Resp: 427212

Ion Ratio Lower Upper

276 100

277 27.9 19.1 28.7

138 33.1 18.8 28.2#

