

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110923\
 Data File : BM042683.D
 Acq On : 09 Nov 2023 22:10
 Operator : MA/JU
 Sample : 05270-01MSD 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-3-110623MSD

Quant Time: Nov 09 23:55:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 13:21:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	49544	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	188993	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	123921	20.000	ng	0.00
64) Phenanthrene-d10	17.256	188	284714	20.000	ng	# 0.00
76) Chrysene-d12	21.439	240	290485	20.000	ng	# 0.00
86) Perylene-d12	23.815	264	334626	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	55733	18.155	ng	0.00
7) Phenol-d6	7.010	99	72987	17.336	ng	0.00
23) Nitrobenzene-d5	9.045	82	53772	13.263	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	33832	20.911	ng	0.00
45) 2-Fluorobiphenyl	13.121	172	110948	12.047	ng	0.00
79) Terphenyl-d14	19.868	244	189706	11.073	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	10590	7.238	ng	# 86
3) Pyridine	3.657	79	26589	6.335	ng	# 88
4) n-Nitrosodimethylamine	3.587	42	22527	11.154	ng	# 72
6) Aniline	7.186	93	34998	6.540	ng	98
8) 2-Chlorophenol	7.398	128	31039	9.377	ng	95
9) Benzaldehyde	7.016	77	7963	3.282	ng	# 77
10) Phenol	7.034	94	42018	9.827	ng	84
11) bis(2-Chloroethyl)ether	7.287	93	31657	8.751	ng	99
12) 1,3-Dichlorobenzene	7.722	146	34636	9.682	ng	95
13) 1,4-Dichlorobenzene	7.881	146	36328	10.034	ng	97
14) 1,2-Dichlorobenzene	8.192	146	34937	9.995	ng	96
15) Benzyl Alcohol	8.110	79	29170	9.786	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.375	45	53727	9.333	ng	97
17) 2-Methylphenol	8.292	107	26639	8.799	ng	94
18) Hexachloroethane	8.904	117	13848	9.775	ng	94
19) n-Nitroso-di-n-propyla...	8.663	70	27815	9.339	ng	93
20) 3+4-Methylphenols	8.628	107	35714	8.823	ng	95
22) Acetophenone	8.698	105	50020	10.494	ng	# 90
24) Nitrobenzene	9.086	77	42939	10.753	ng	98
25) Isophorone	9.592	82	74210	10.342	ng	# 98
26) 2-Nitrophenol	9.786	139	14634	11.504	ng	# 86
27) 2,4-Dimethylphenol	9.833	122	25170	9.169	ng	94
28) bis(2-Chloroethoxy)met...	10.086	93	40444	9.355	ng	98
29) 2,4-Dichlorophenol	10.310	162	30061	11.067	ng	97
30) 1,2,4-Trichlorobenzene	10.510	180	35173	11.816	ng	98
31) Naphthalene	10.710	128	101254	10.370	ng	99
32) Benzoic acid	9.939	122	16945	11.050	ng	89
33) 4-Chloroaniline	10.863	127	28399	7.459	ng	94
34) Hexachlorobutadiene	10.933	225	23362	12.926	ng	99
35) Caprolactam	11.669	113	8564	8.974	ng	93
36) 4-Chloro-3-methylphenol	11.963	107	31914	10.324	ng	99
37) 2-Methylnaphthalene	12.321	142	67432	9.806	ng	96
38) 1-Methylnaphthalene	12.321	142	67432	10.418	ng	96
40) 1,2,4,5-Tetrachloroben...	12.674	216	41959	11.334	ng	97
41) Hexachlorocyclopentadiene	12.616	237	2967	7.333	ng	93
43) 2,4,6-Trichlorophenol	12.933	196	25531	10.767	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110923\
 Data File : BM042683.D
 Acq On : 09 Nov 2023 22:10
 Operator : MA/JU
 Sample : 05270-01MSD 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-3-110623MSD

Quant Time: Nov 09 23:55:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 13:21:00 2023
 Response via : Initial Calibration

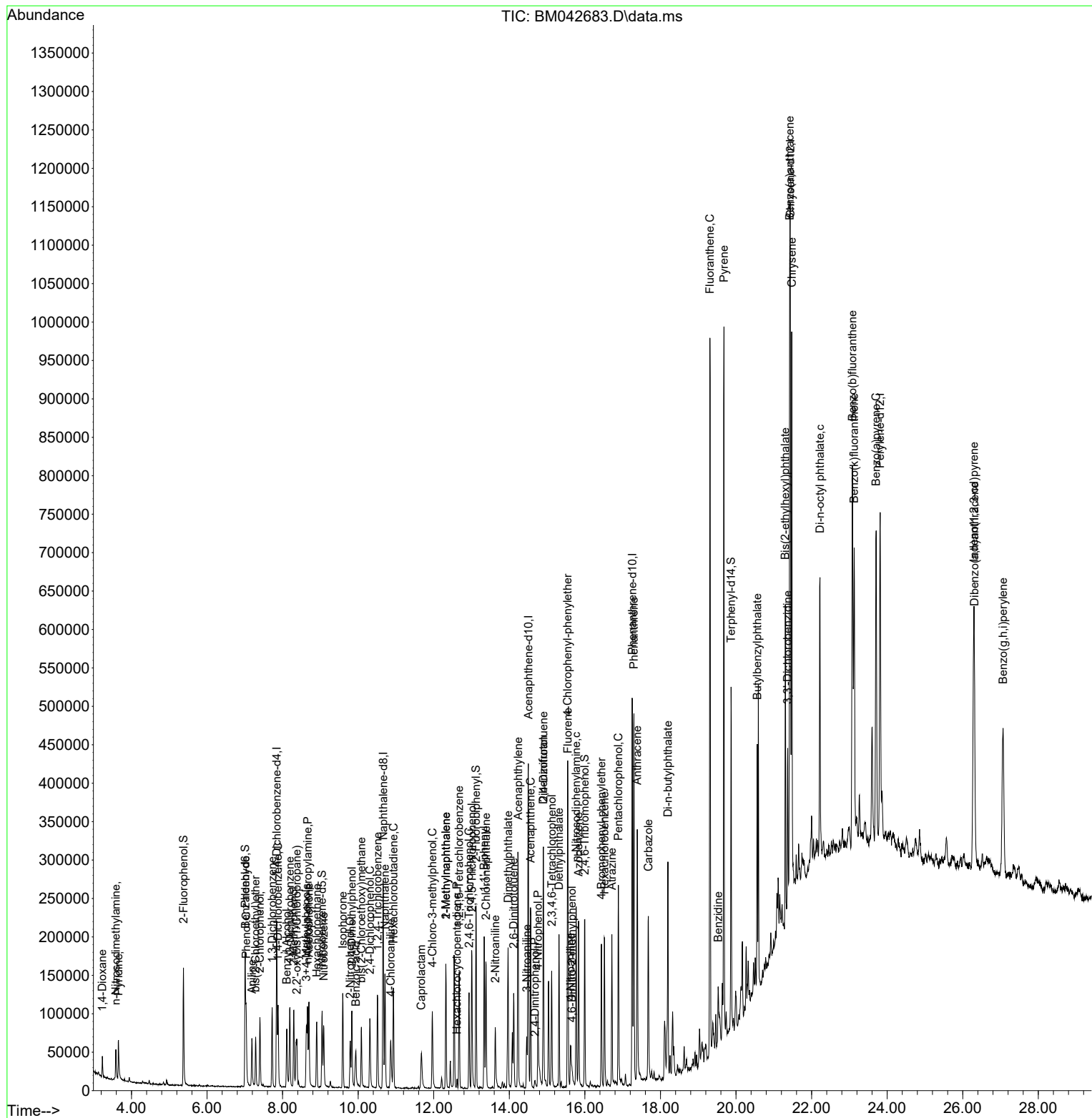
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.010	196	28320	10.037	ng	98
46) 1,1'-Biphenyl	13.333	154	91220	9.630	ng	98
47) 2-Chloronaphthalene	13.386	162	69636	10.021	ng	99
48) 2-Nitroaniline	13.627	65	25422	12.598	ng	95
49) Acenaphthylene	14.233	152	147564	12.822	ng	98
50) Dimethylphthalate	13.968	163	88226	9.526	ng	98
51) 2,6-Dinitrotoluene	14.115	165	18572	9.729	ng	86
52) Acenaphthene	14.563	154	72178	10.333	ng	98
53) 3-Nitroaniline	14.463	138	15164	10.793	ng	98
54) 2,4-Dinitrophenol	14.674	184	1774	8.930	ng #	86
55) Dibenzofuran	14.898	168	119445	10.518	ng	96
56) 4-Nitrophenol	14.757	139	22181	18.630	ng #	75
57) 2,4-Dinitrotoluene	14.904	165	24137	11.625	ng #	85
58) Fluorene	15.551	166	103505	11.264	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.121	232	26864	11.303	ng	95
60) Diethylphthalate	15.315	149	89613	9.550	ng	97
61) 4-Chlorophenyl-phenyle...	15.545	204	46161	9.944	ng	96
62) 4-Nitroaniline	15.621	138	14332	12.339	ng #	77
63) Azobenzene	15.833	77	104680	10.124	ng	90
65) 4,6-Dinitro-2-methylph...	15.657	198	2048	6.818	ng #	76
66) n-Nitrosodiphenylamine	15.768	169	74337	9.260	ng	98
67) 4-Bromophenyl-phenylether	16.439	248	29483	10.356	ng	95
68) Hexachlorobenzene	16.521	284	34141	10.840	ng	95
69) Atrazine	16.715	200	30713	13.240	ng	97
70) Pentachlorophenol	16.886	266	41508	17.926	ng	98
71) Phenanthrene	17.298	178	266386	17.904	ng	100
72) Anthracene	17.386	178	190159	12.903	ng	99
73) Carbazole	17.680	167	137349	11.456	ng	99
74) Di-n-butylphthalate	18.198	149	164844	9.791	ng	98
75) Fluoranthene	19.309	202	540293	30.913	ng	98
77) Benzidine	19.527	184	53521	19.208	ng	97
78) Pyrene	19.680	202	516188	25.878	ng	99
80) Butylbenzylphthalate	20.562	149	81095	9.519	ng	99
81) Benzo(a)anthracene	21.421	228	375920	20.340	ng	99
82) 3,3'-Dichlorobenzidine	21.368	252	65479	11.147	ng	99
83) Chrysene	21.474	228	346907	18.478	ng	98
84) Bis(2-ethylhexyl)phtha...	21.303	149	120775	9.380	ng	96
85) Di-n-octyl phthalate	22.221	149	209115	9.436	ng #	93
87) Indeno(1,2,3-cd)pyrene	26.297	276	311208	15.626	ng #	92
88) Benzo(b)fluoranthene	23.080	252	403925	21.667	ng	98
89) Benzo(k)fluoranthene	23.127	252	269337	12.965	ng #	98
90) Benzo(a)pyrene	23.709	252	323855	17.645	ng	98
91) Dibenzo(a,h)anthracene	26.309	278	193718	13.766	ng	97
92) Benzo(g,h,i)perylene	27.068	276	268689	15.307	ng #	94

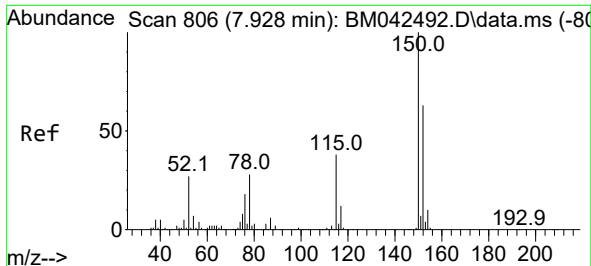
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110923\
 Data File : BM042683.D
 Acq On : 09 Nov 2023 22:10
 Operator : MA/JU
 Sample : 05270-01MSD 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-3-110623MSD

Quant Time: Nov 09 23:55:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 13:21:00 2023
 Response via : Initial Calibration

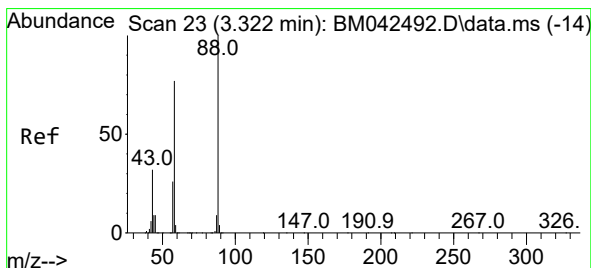
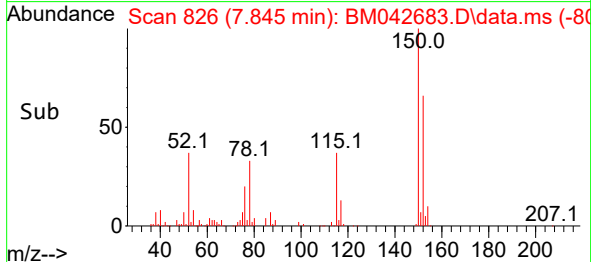
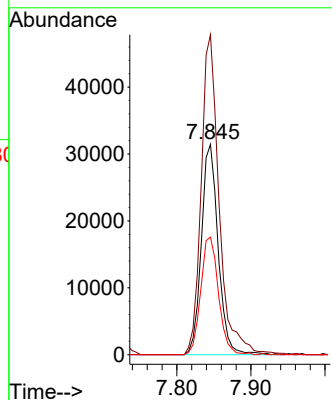
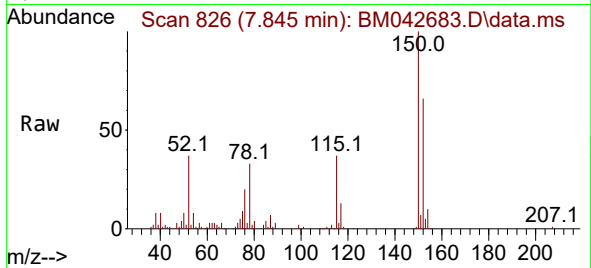




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.845 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BM042683.D
 Acq: 09 Nov 2023 22:10

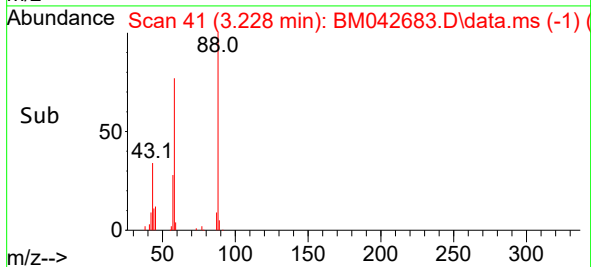
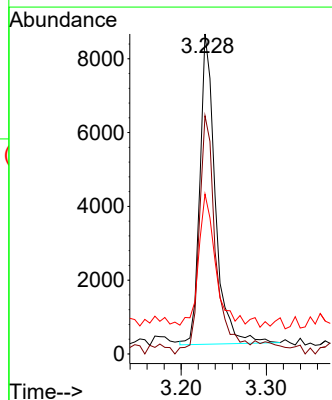
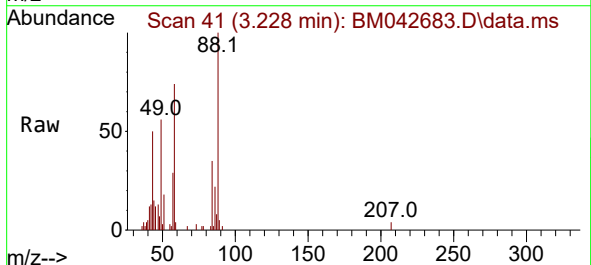
Instrument :
 BNA_M
 ClientSampleId :
 OR-3-110623MSD

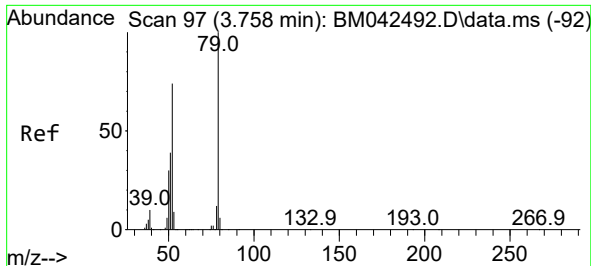
Tgt Ion:152 Resp: 49544
 Ion Ratio Lower Upper
 152 100
 150 152.1 127.4 191.0
 115 55.9 47.9 71.9



#2
 1,4-Dioxane
 Concen: 7.238 ng
 RT: 3.228 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: BM042683.D
 Acq: 09 Nov 2023 22:10

Tgt Ion: 88 Resp: 10590
 Ion Ratio Lower Upper
 88 100
 58 83.7 62.6 93.8
 43 51.9 26.5 39.7#

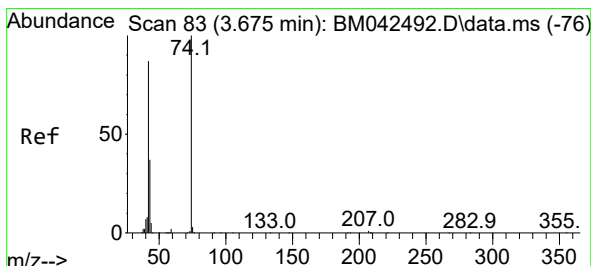
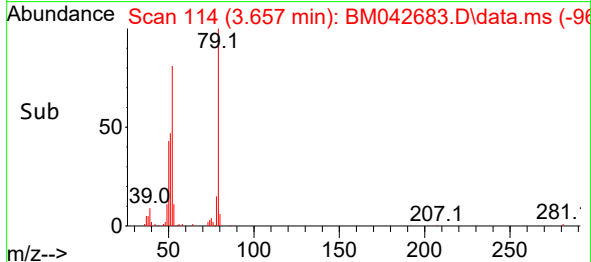
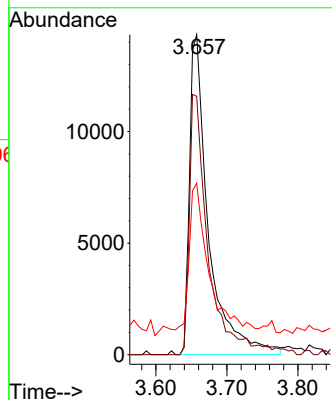
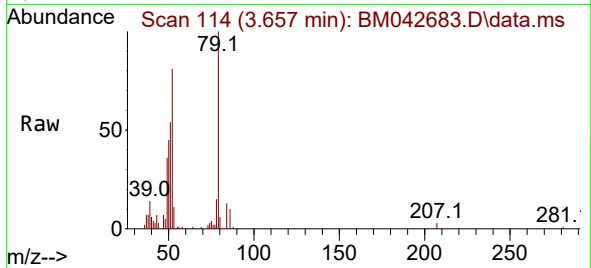




#3
 Pyridine
 Concen: 6.335 ng
 RT: 3.657 min Scan# 114
 Delta R.T. 0.006 min
 Lab File: BM042683.D
 Acq: 09 Nov 2023 22:10

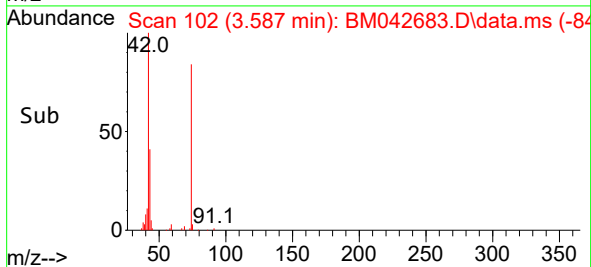
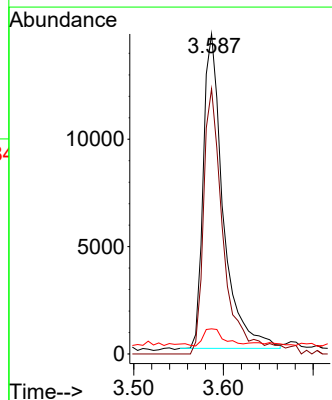
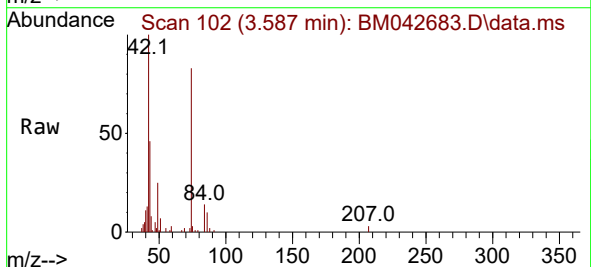
Instrument :
 BNA_M
 ClientSampleId :
 OR-3-110623MSD

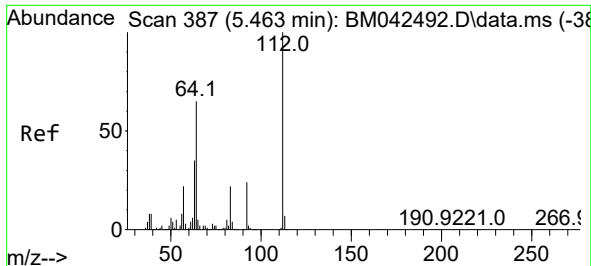
Tgt Ion: 79 Resp: 26589
 Ion Ratio Lower Upper
 79 100
 52 80.7 59.3 88.9
 51 53.5 32.7 49.1#



#4
 n-Nitrosodimethylamine
 Concen: 11.154 ng
 RT: 3.587 min Scan# 102
 Delta R.T. 0.006 min
 Lab File: BM042683.D
 Acq: 09 Nov 2023 22:10

Tgt Ion: 42 Resp: 22527
 Ion Ratio Lower Upper
 42 100
 74 82.9 92.2 138.2#
 44 7.9 5.1 7.7#

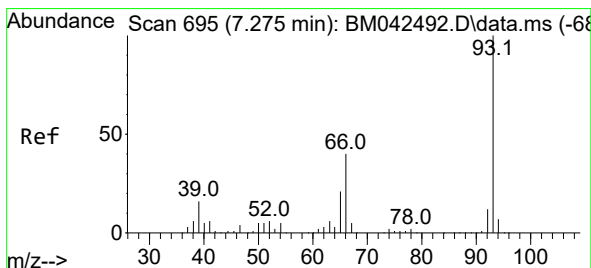
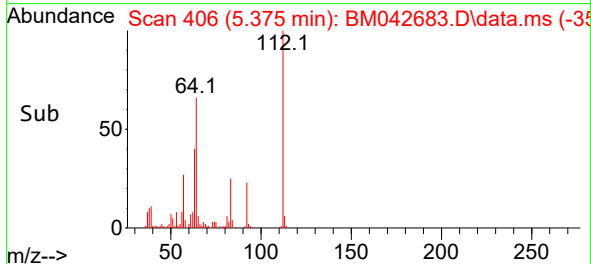
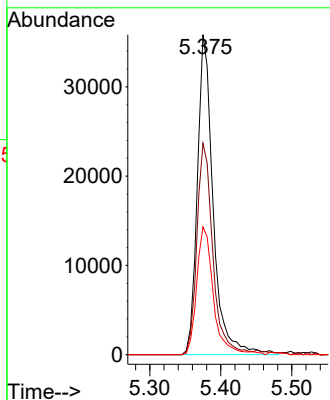
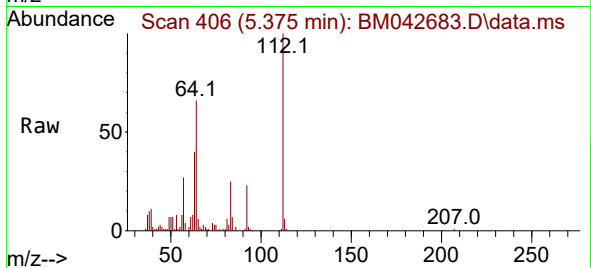




#5
2-Fluorophenol
Concen: 18.155 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.000 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

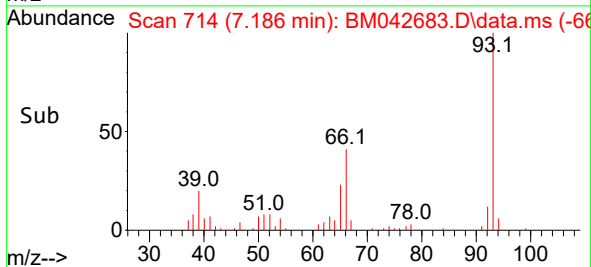
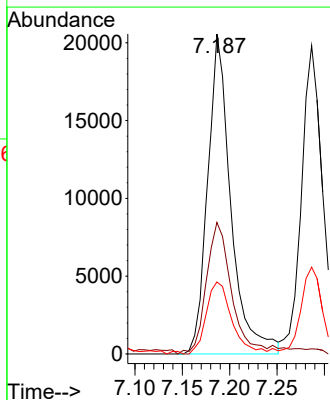
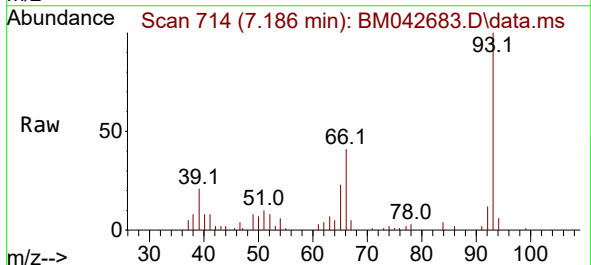
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MSD

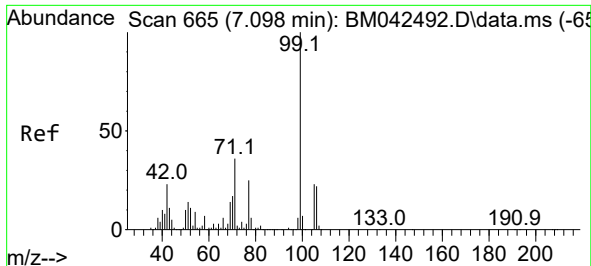
Tgt Ion:	112	Resp:	55733
Ion Ratio	Lower	Upper	
112	100		
64	66.1	52.1	78.1
63	40.0	28.3	42.5



#6
Aniline
Concen: 6.540 ng
RT: 7.186 min Scan# 714
Delta R.T. -0.006 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

Tgt Ion:	93	Resp:	34998
Ion Ratio	Lower	Upper	
93	100		
66	41.1	32.2	48.2
65	22.5	17.0	25.6

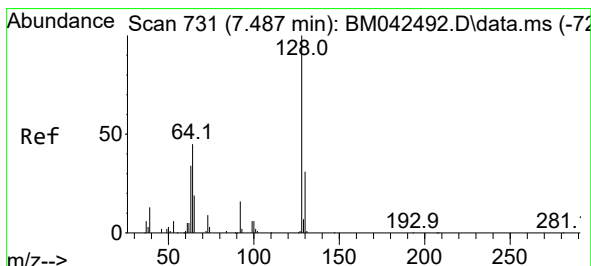
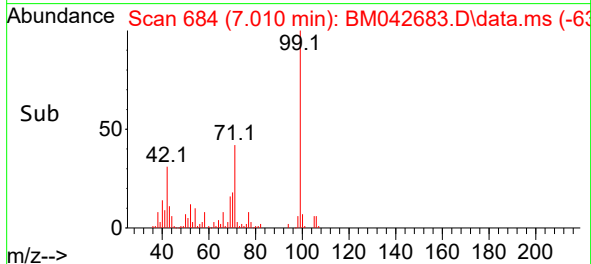
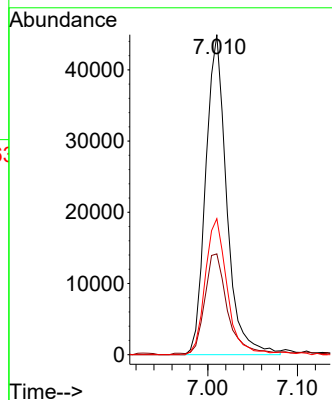
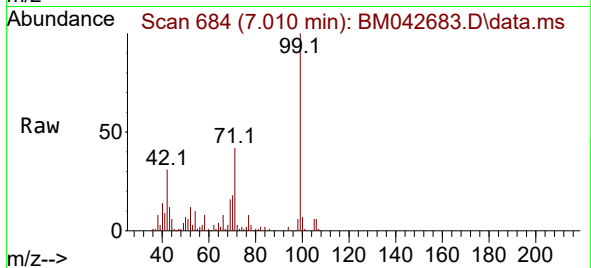




#7
Phenol-d6
Concen: 17.336 ng
RT: 7.010 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

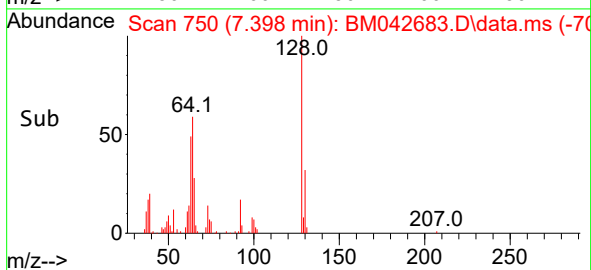
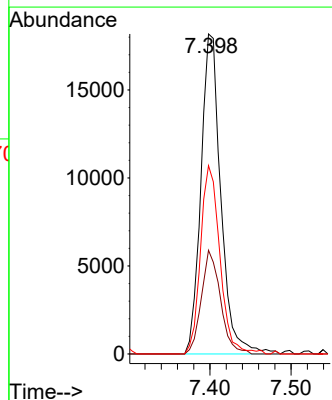
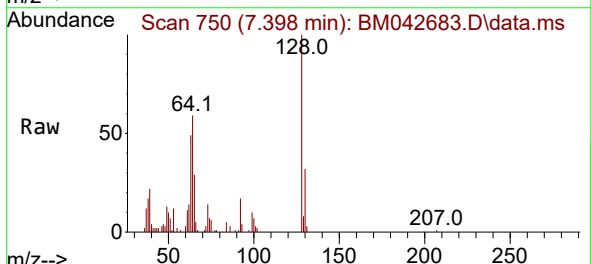
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MSD

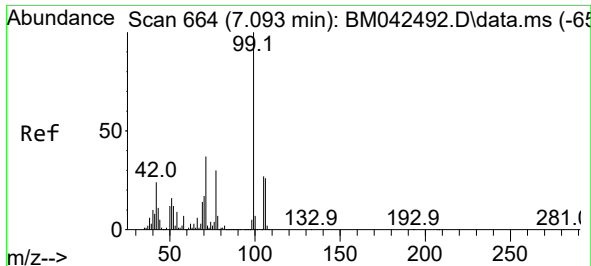
Tgt Ion: 99 Resp: 72987
Ion Ratio Lower Upper
99 100
42 31.5 18.7 28.1#
71 42.5 29.1 43.7



#8
2-Chlorophenol
Concen: 9.377 ng
RT: 7.398 min Scan# 750
Delta R.T. -0.006 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

Tgt Ion: 128 Resp: 31039
Ion Ratio Lower Upper
128 100
130 32.4 11.2 51.2
64 58.8 34.4 74.4

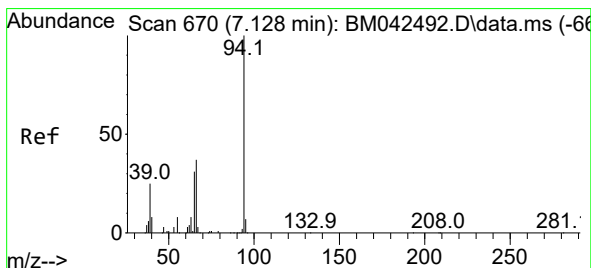
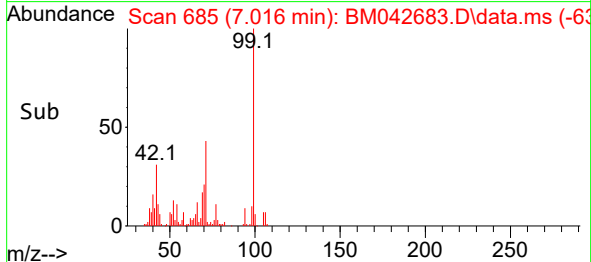
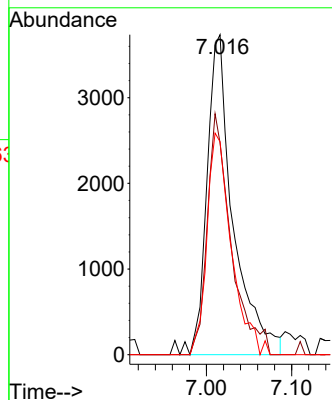
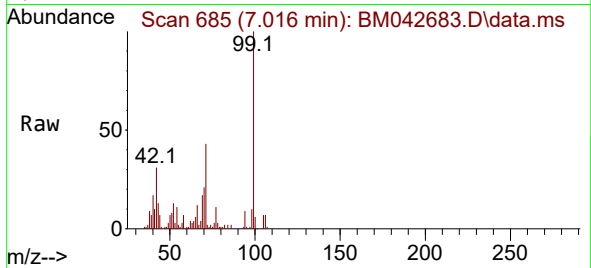




#9
Benzaldehyde
Concen: 3.282 ng
RT: 7.016 min Scan# 664
Delta R.T. 0.006 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

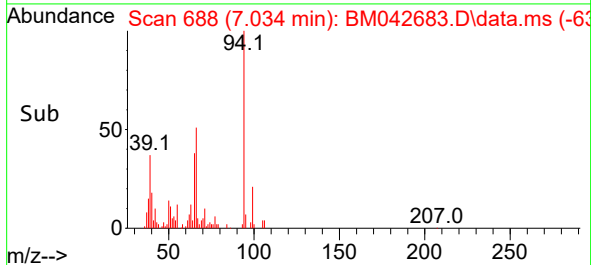
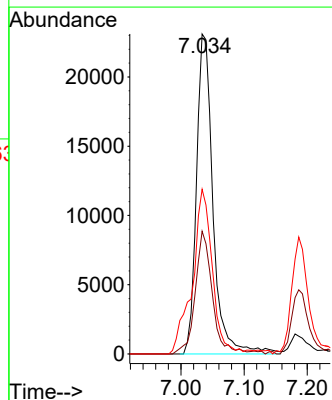
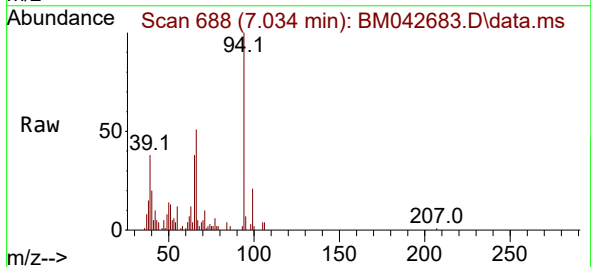
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MSD

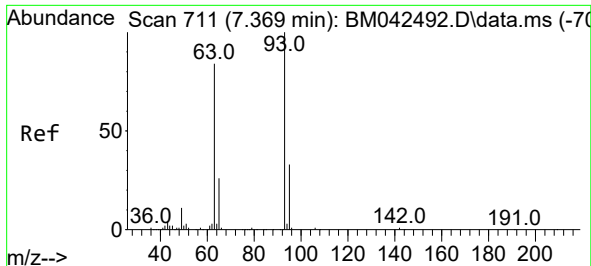
Tgt Ion: 77 Resp: 7963
Ion Ratio Lower Upper
77 100
105 66.2 69.7 109.7#
106 66.6 66.4 106.4



#10
Phenol
Concen: 9.827 ng
RT: 7.034 min Scan# 688
Delta R.T. -0.006 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

Tgt Ion: 94 Resp: 42018
Ion Ratio Lower Upper
94 100
65 38.3 11.5 51.5
66 51.4 20.0 60.0

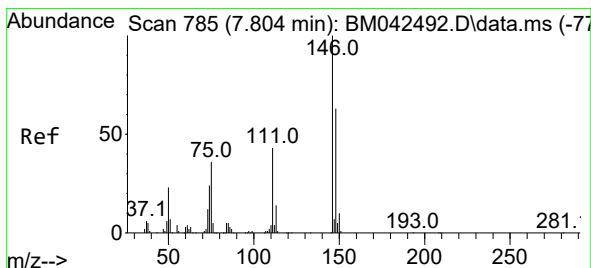
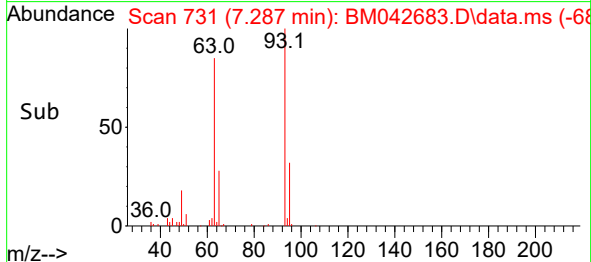
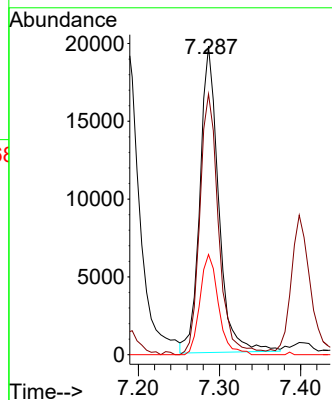
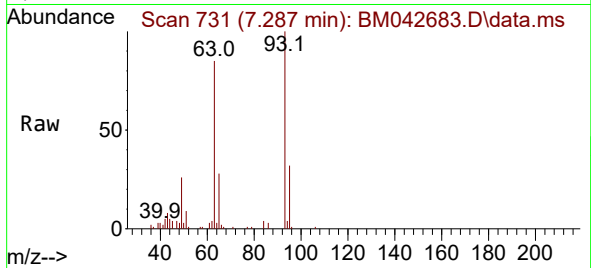




#11
bis(2-Chloroethyl)ether
Concen: 8.751 ng
RT: 7.287 min Scan# 711
Delta R.T. -0.000 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

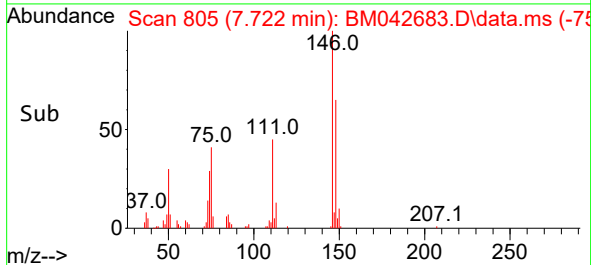
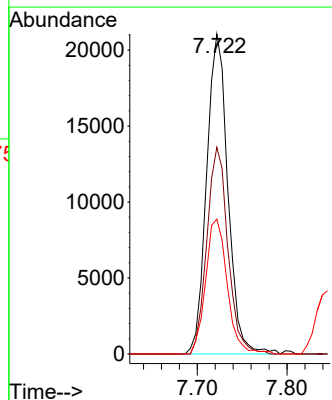
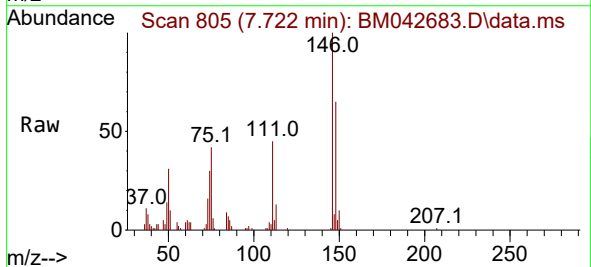
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MSD

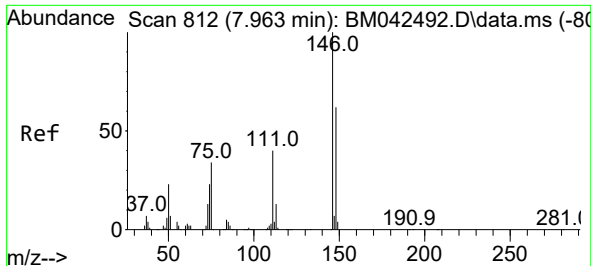
Tgt Ion: 93 Resp: 31657
Ion Ratio Lower Upper
93 100
63 84.5 63.2 103.2
95 32.5 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 9.682 ng
RT: 7.722 min Scan# 805
Delta R.T. -0.000 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

Tgt Ion: 146 Resp: 34636
Ion Ratio Lower Upper
146 100
148 64.6 50.4 75.6
75 42.1 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 10.034 ng

RT: 7.881 min Scan# 812

Delta R.T. -0.000 min

Lab File: BM042683.D

Acq: 09 Nov 2023 22:10

Instrument :

BNA_M

ClientSampleId :

OR-3-110623MSD

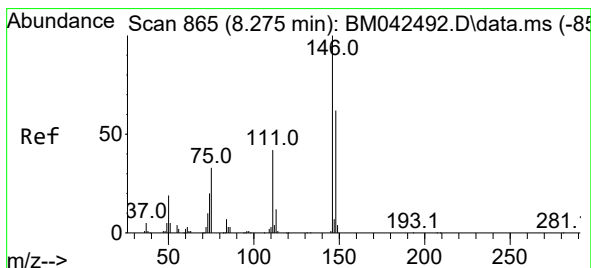
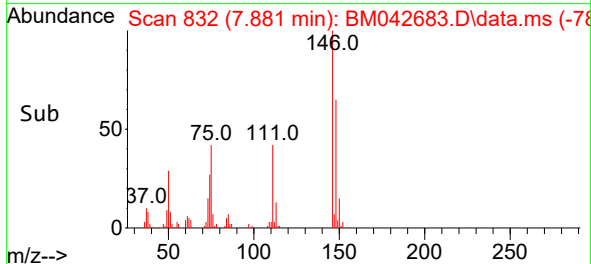
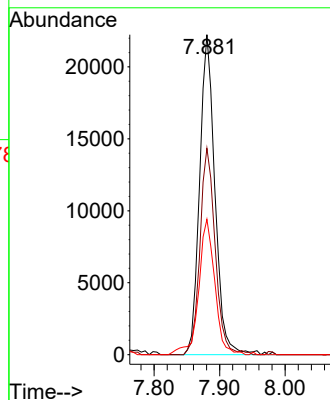
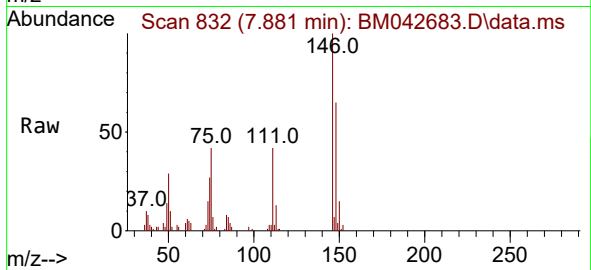
Tgt Ion:146 Resp: 36328

Ion Ratio Lower Upper

146 100

148 64.5 50.0 75.0

111 42.3 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 9.995 ng

RT: 8.192 min Scan# 885

Delta R.T. -0.000 min

Lab File: BM042683.D

Acq: 09 Nov 2023 22:10

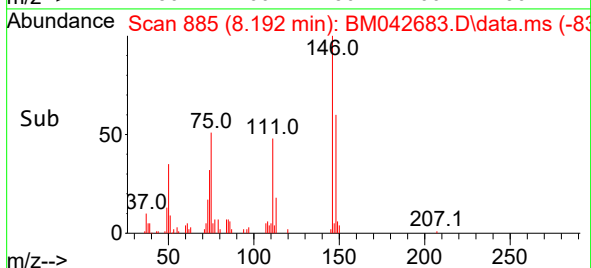
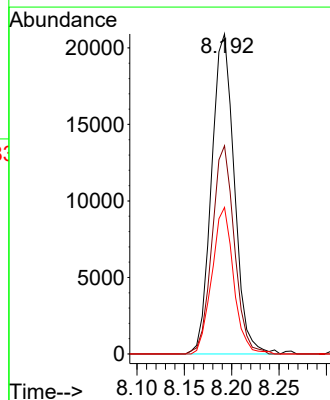
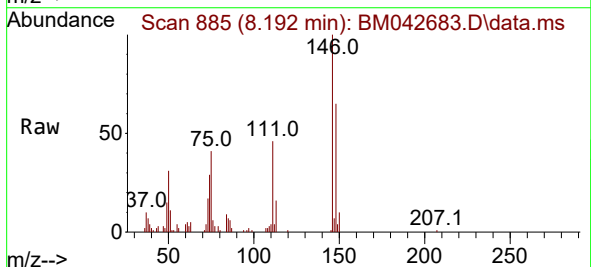
Tgt Ion:146 Resp: 34937

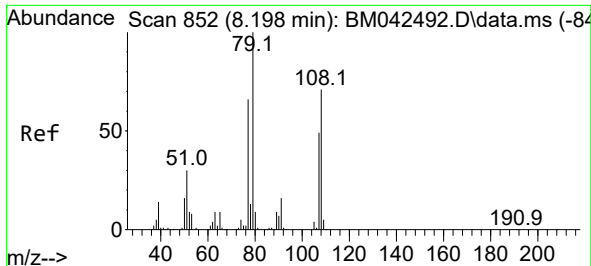
Ion Ratio Lower Upper

146 100

148 65.1 50.0 75.0

111 45.8 34.5 51.7

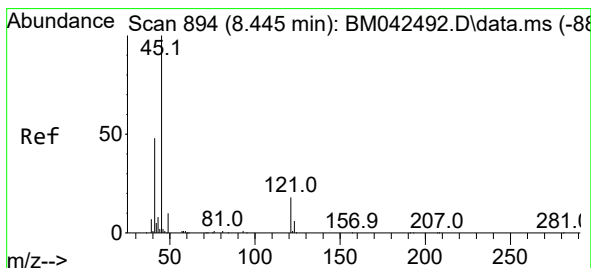
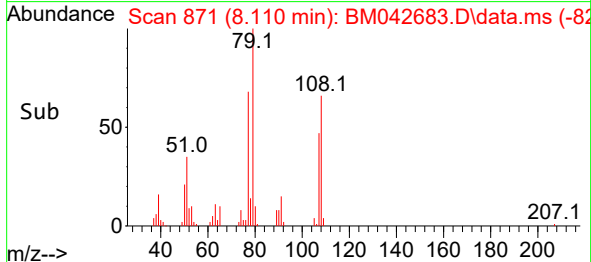
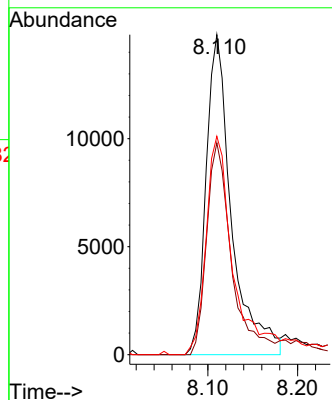
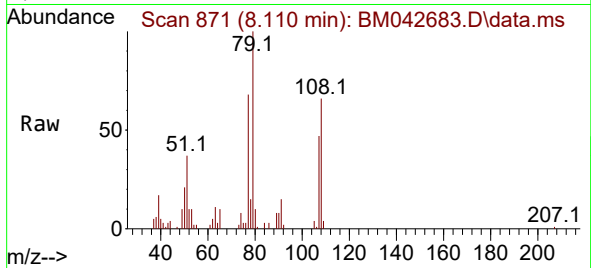




#15
Benzyl Alcohol
Concen: 9.786 ng
RT: 8.110 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

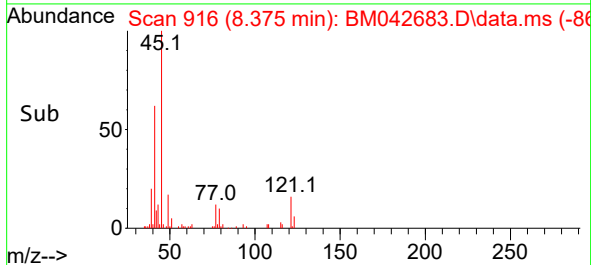
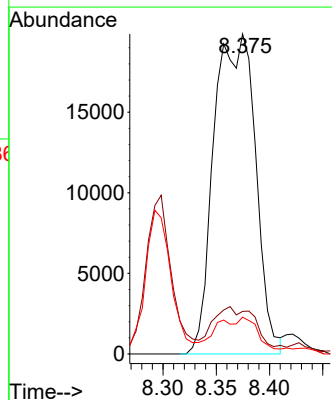
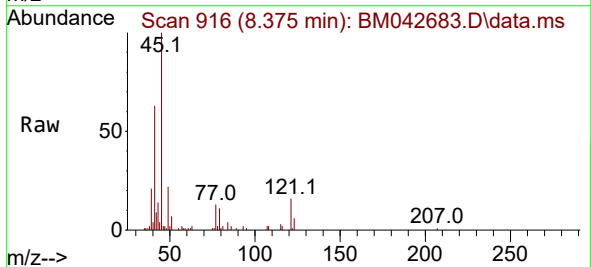
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MSD

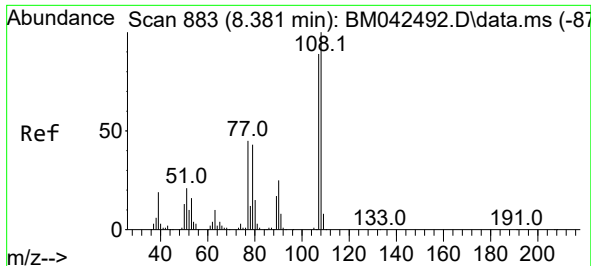
Tgt Ion: 79 Resp: 29170
Ion Ratio Lower Upper
79 100
108 66.2 56.8 85.2
77 68.3 53.0 79.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 9.333 ng
RT: 8.375 min Scan# 916
Delta R.T. -0.006 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

Tgt Ion: 45 Resp: 53727
Ion Ratio Lower Upper
45 100
77 13.3 0.0 33.0
79 11.5 0.0 29.5

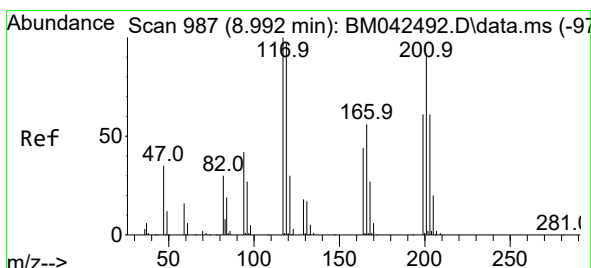
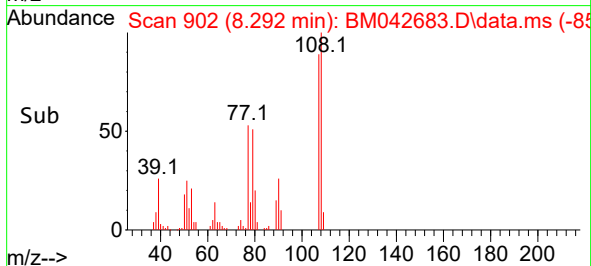
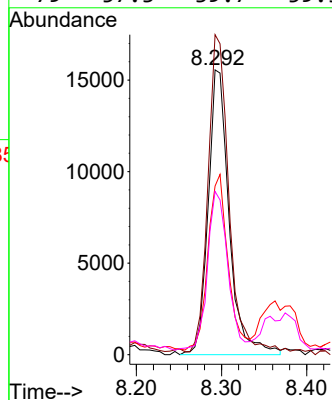
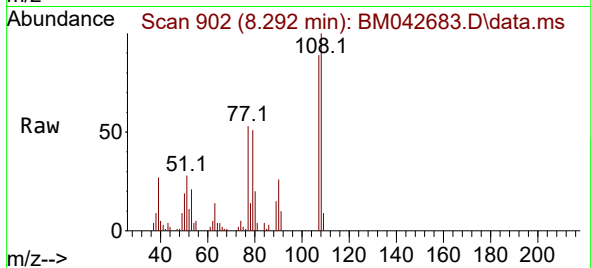




#17
2-Methylphenol
Concen: 8.799 ng
RT: 8.292 min Scan# 90
Delta R.T. -0.006 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

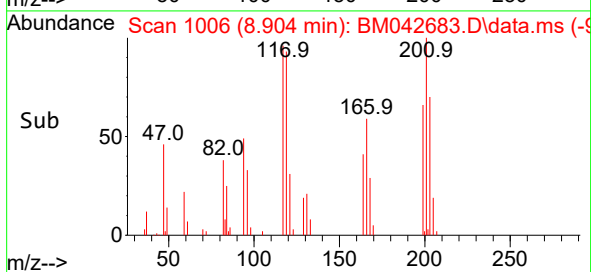
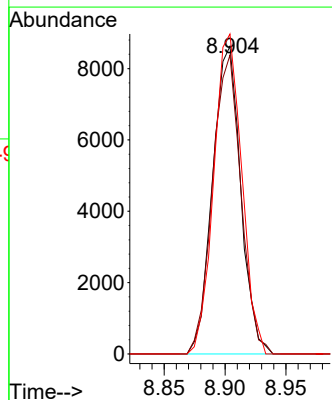
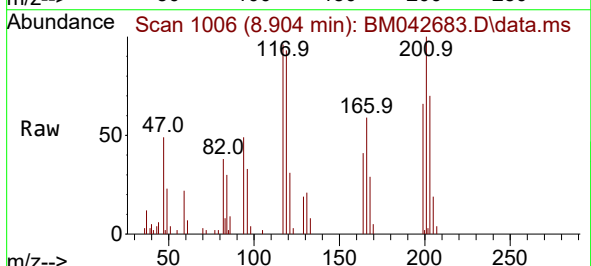
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MSD

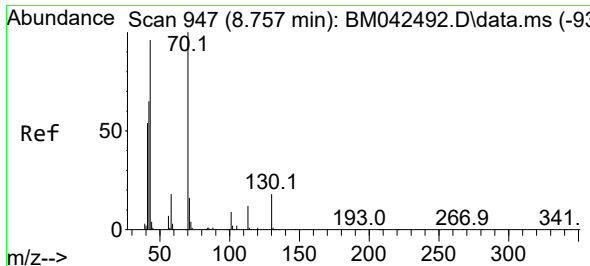
Tgt Ion:	107	Resp:	26639
Ion	Ratio	Lower	Upper
107	100		
108	112.4	90.4	135.6
77	59.2	40.6	60.8
79	57.3	39.7	59.5



#18
Hexachloroethane
Concen: 9.775 ng
RT: 8.904 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

Tgt Ion:	117	Resp:	13848
Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.9	116.9
201	104.0	73.7	110.5

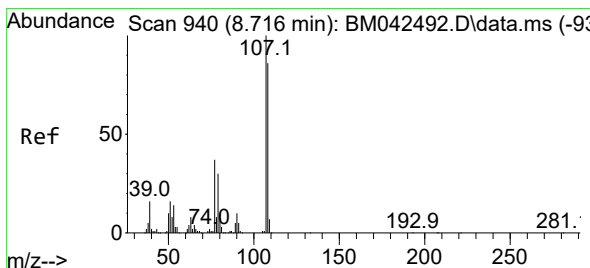
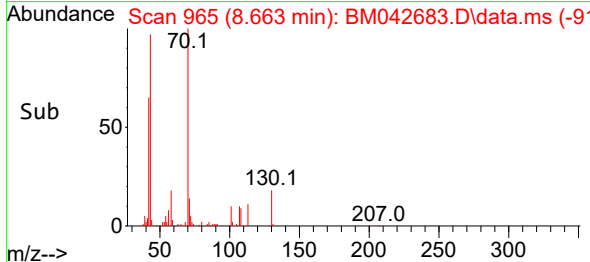
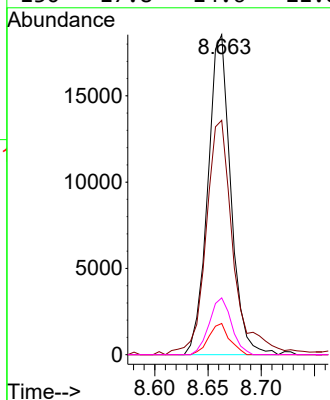
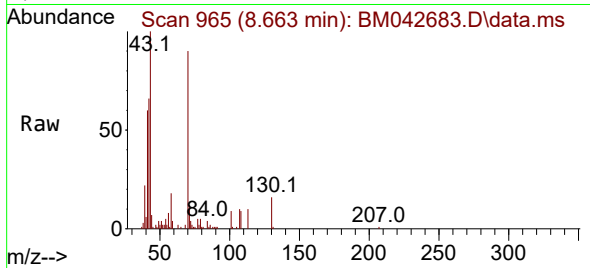




#19
n-Nitroso-di-n-propylamine
Concen: 9.339 ng
RT: 8.663 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

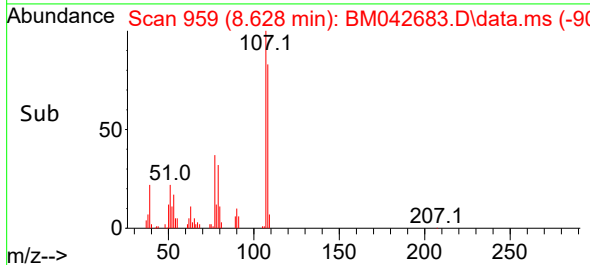
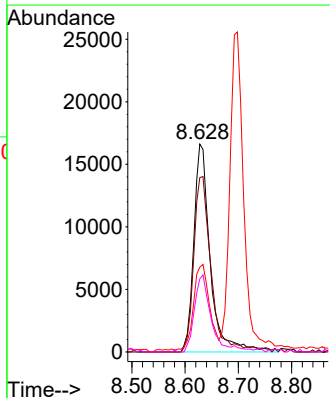
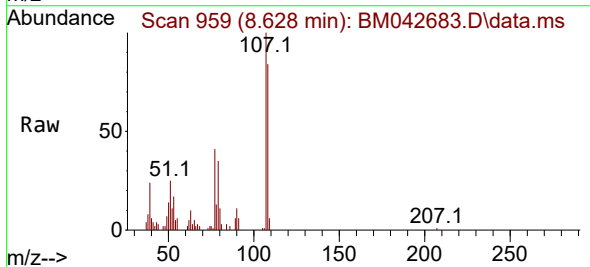
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MSD

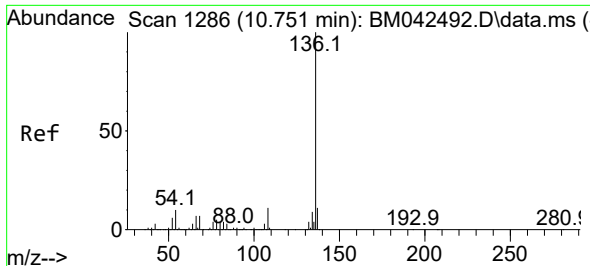
Tgt Ion: 70	Resp:	27815
Ion	Ratio	Lower Upper
70	100	
42	73.2	52.5 78.7
101	9.7	7.0 10.4
130	17.8	14.6 21.8



#20
3+4-Methylphenols
Concen: 8.823 ng
RT: 8.628 min Scan# 959
Delta R.T. -0.006 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

Tgt Ion: 107	Resp:	35714
Ion	Ratio	Lower Upper
107	100	
108	83.9	66.4 106.4
77	40.8	17.6 57.6
79	35.2	10.2 50.2

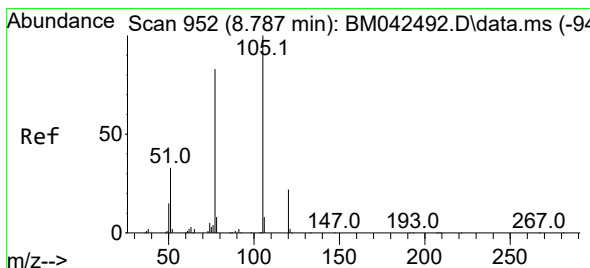
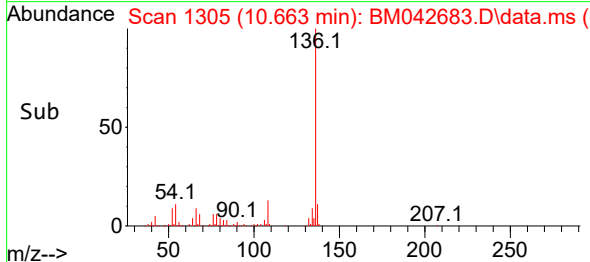
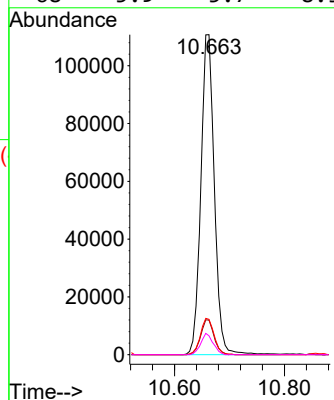
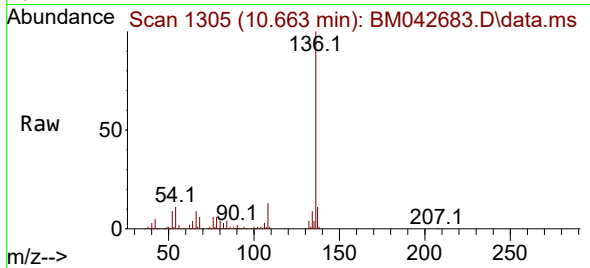




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

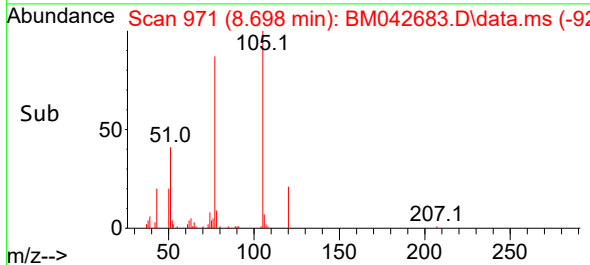
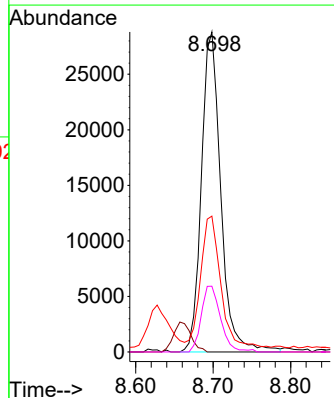
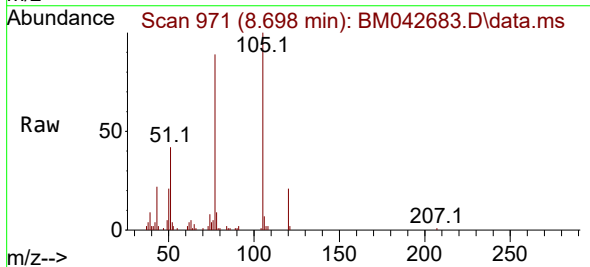
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MSD

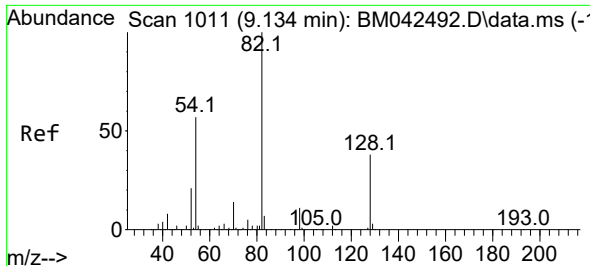
Tgt Ion:136 Resp: 188993
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 11.0 8.0 12.0
68 5.9 5.7 8.5



#22
Acetophenone
Concen: 10.494 ng
RT: 8.698 min Scan# 971
Delta R.T. -0.000 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

Tgt Ion:105 Resp: 50020
Ion Ratio Lower Upper
105 100
71 0.0 0.2 0.2#
51 42.4 27.6 41.4#
120 20.6 17.8 26.6





#23

Nitrobenzene-d5

Concen: 13.263 ng

RT: 9.045 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BM042683.D

Acq: 09 Nov 2023 22:10

Instrument :

BNA_M

ClientSampleId :

OR-3-110623MSD

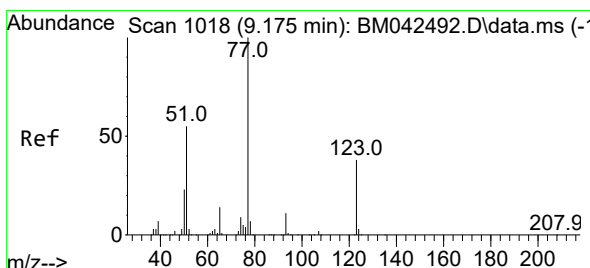
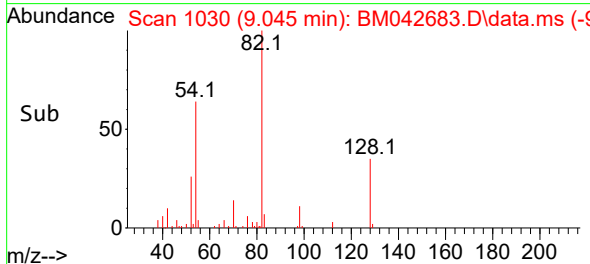
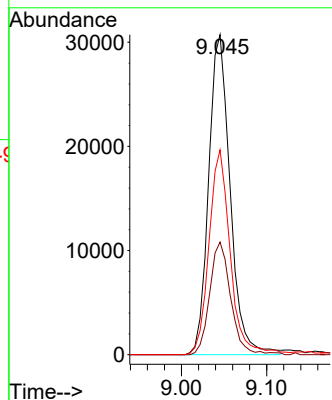
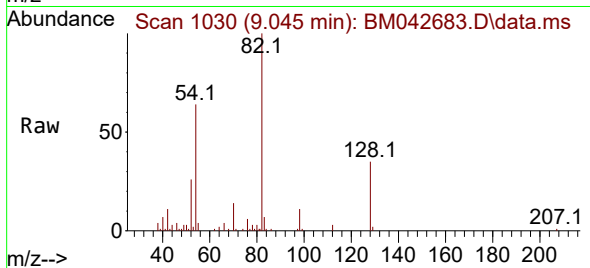
Tgt Ion: 82 Resp: 53772

Ion Ratio Lower Upper

82 100

128 35.2 30.7 46.1

54 64.0 45.3 67.9



#24

Nitrobenzene

Concen: 10.753 ng

RT: 9.086 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BM042683.D

Acq: 09 Nov 2023 22:10

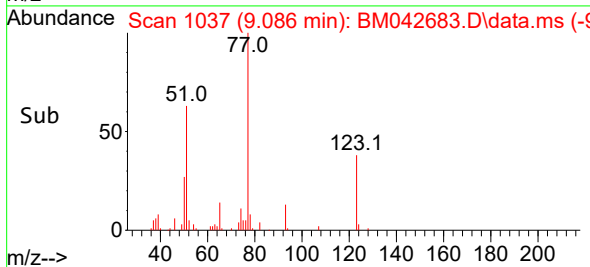
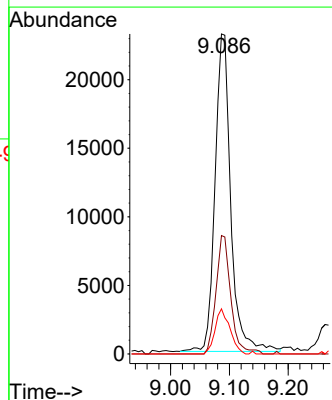
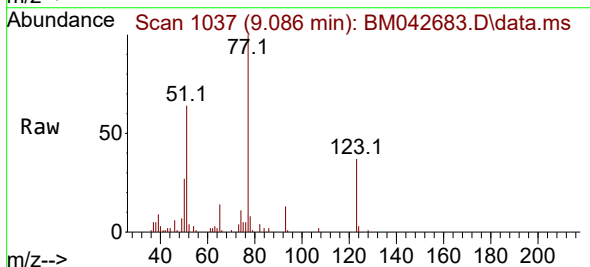
Tgt Ion: 77 Resp: 42939

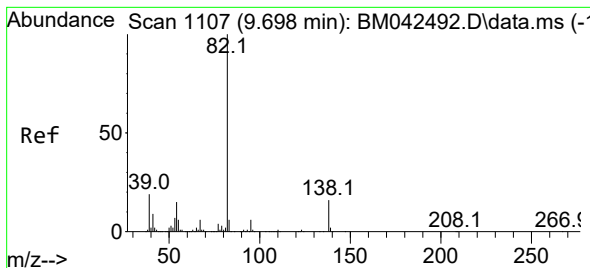
Ion Ratio Lower Upper

77 100

123 37.0 30.6 46.0

65 14.1 10.8 16.2





#25

Isophorone

Concen: 10.342 ng

RT: 9.592 min Scan# 1115

Delta R.T. -0.006 min

Lab File: BM042683.D

Acq: 09 Nov 2023 22:10

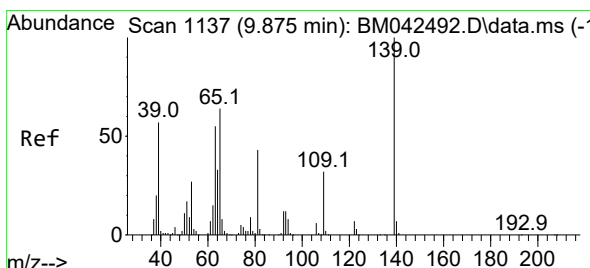
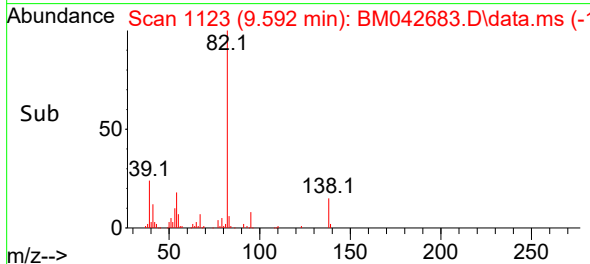
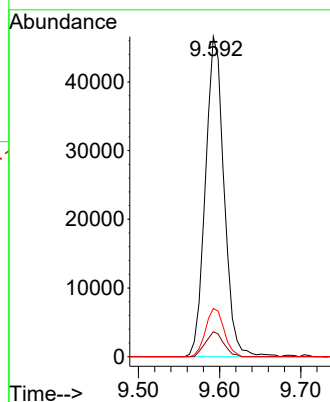
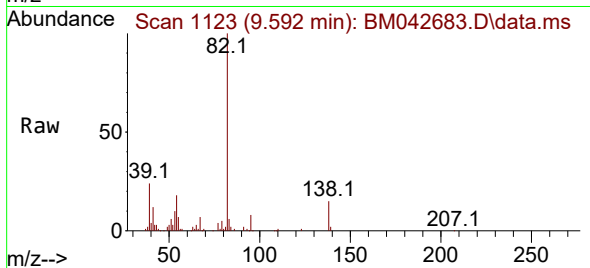
Instrument :

BNA_M

ClientSampleId :

OR-3-110623MSD

Tgt Ion: 82	Resp: 74210
Ion Ratio	Lower Upper
82	100
95	7.8 5.2 7.8#
138	15.0 12.6 18.8



#26

2-Nitrophenol

Concen: 11.504 ng

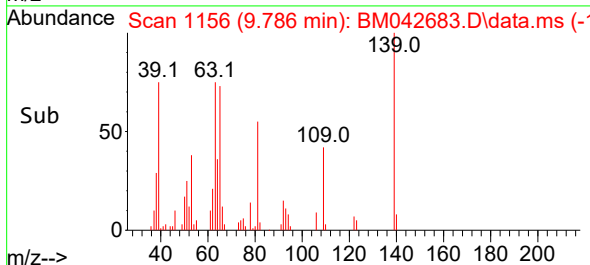
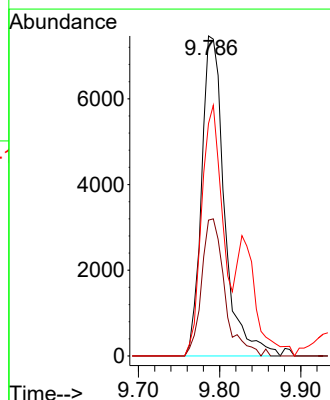
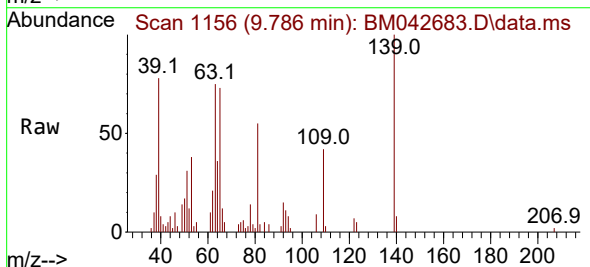
RT: 9.786 min Scan# 1156

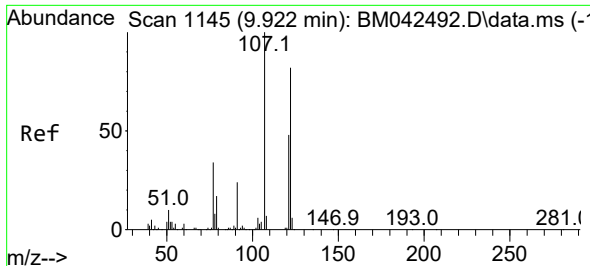
Delta R.T. -0.006 min

Lab File: BM042683.D

Acq: 09 Nov 2023 22:10

Tgt Ion: 139	Resp: 14634
Ion Ratio	Lower Upper
139	100
109	42.4 25.2 37.8#
65	72.6 51.4 77.0

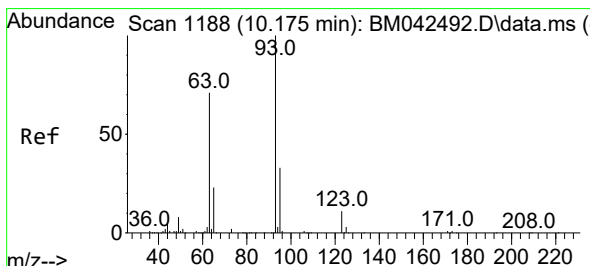
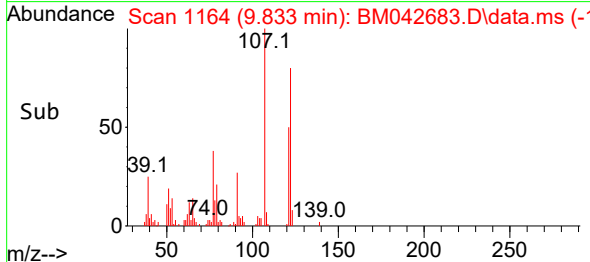
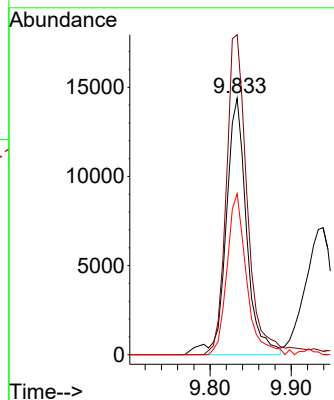
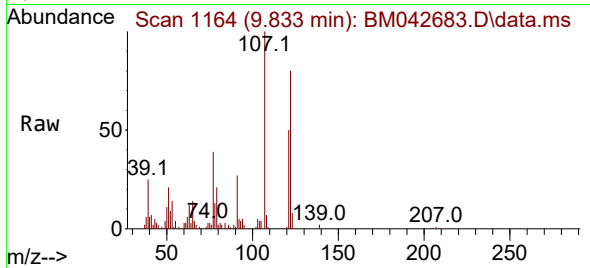




#27
2,4-Dimethylphenol
Concen: 9.169 ng
RT: 9.833 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

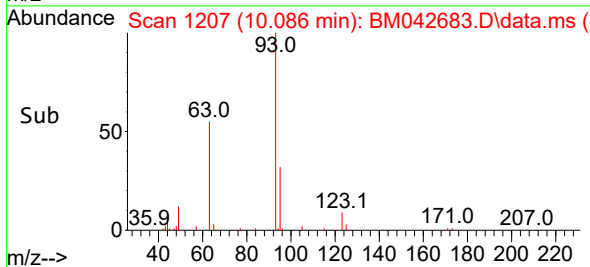
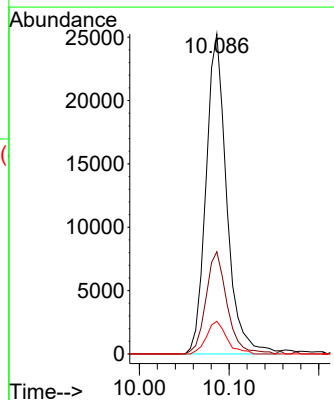
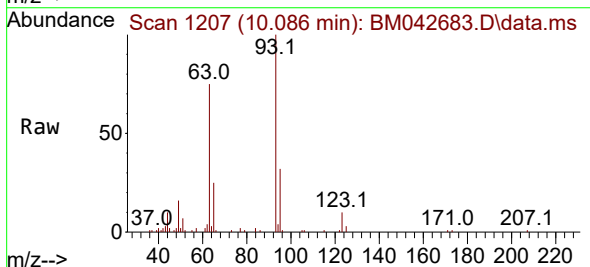
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MSD

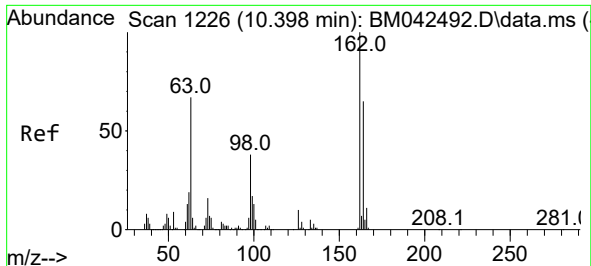
Tgt Ion:122 Resp: 25170
Ion Ratio Lower Upper
122 100
107 124.8 95.4 143.2
121 62.7 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 9.355 ng
RT: 10.086 min Scan# 1207
Delta R.T. -0.000 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

Tgt Ion: 93 Resp: 40444
Ion Ratio Lower Upper
93 100
95 32.0 26.3 39.5
123 10.2 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 11.067 ng

RT: 10.310 min Scan# 11

Delta R.T. -0.000 min

Lab File: BM042683.D

Acq: 09 Nov 2023 22:10

Instrument :

BNA_M

ClientSampleId :

OR-3-110623MSD

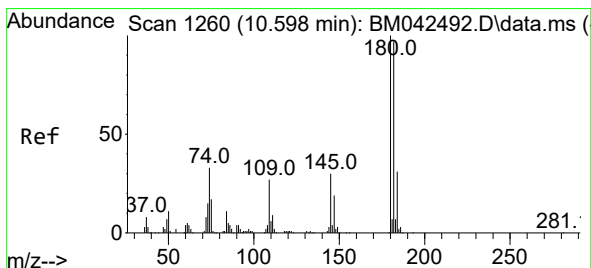
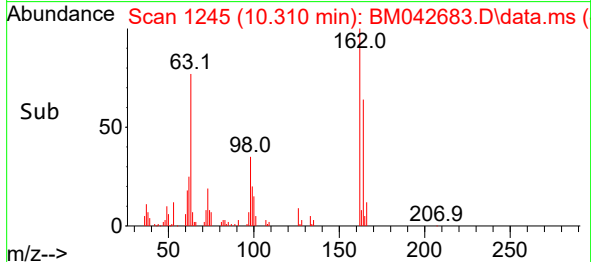
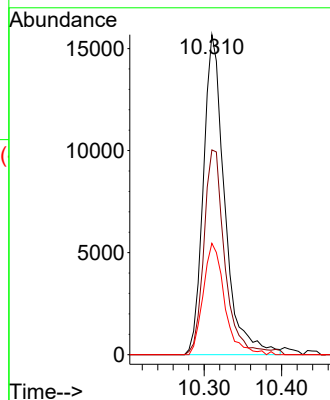
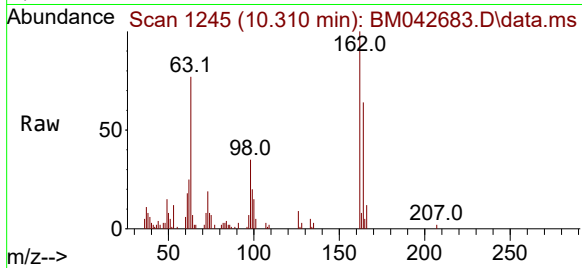
Tgt Ion:162 Resp: 30061

Ion Ratio Lower Upper

162 100

164 64.0 44.9 84.9

98 34.8 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 11.816 ng

RT: 10.510 min Scan# 1279

Delta R.T. -0.006 min

Lab File: BM042683.D

Acq: 09 Nov 2023 22:10

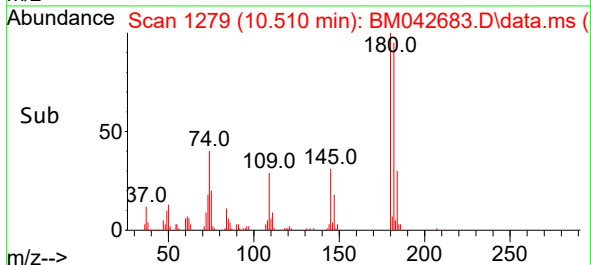
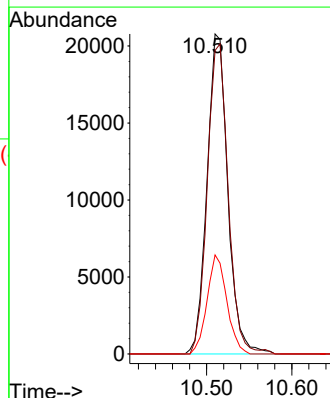
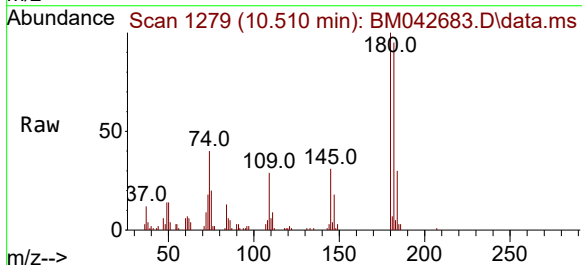
Tgt Ion:180 Resp: 35173

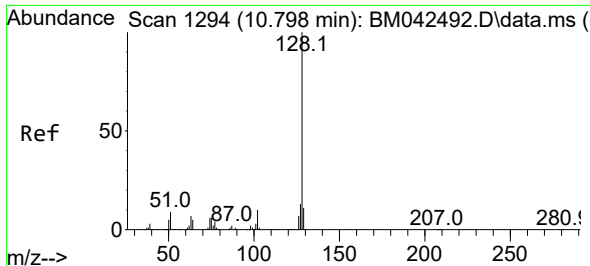
Ion Ratio Lower Upper

180 100

182 94.8 77.8 116.8

145 31.0 24.4 36.6

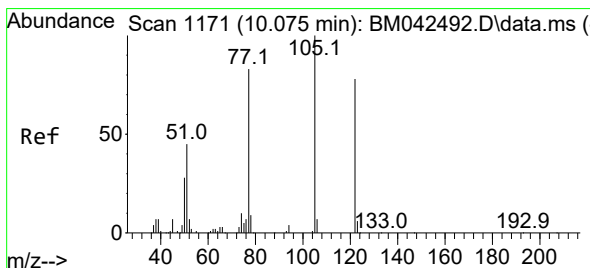
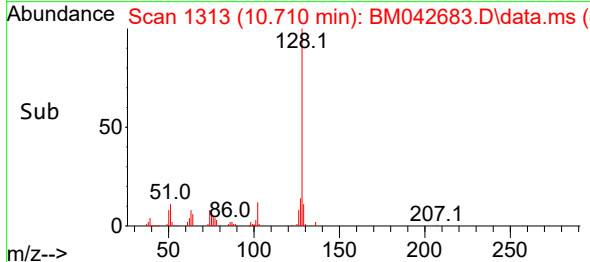
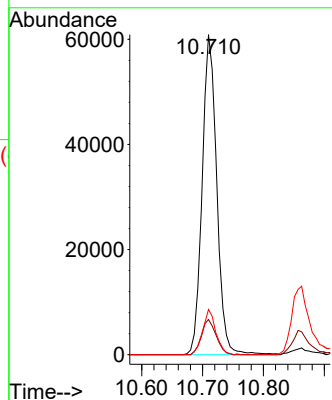
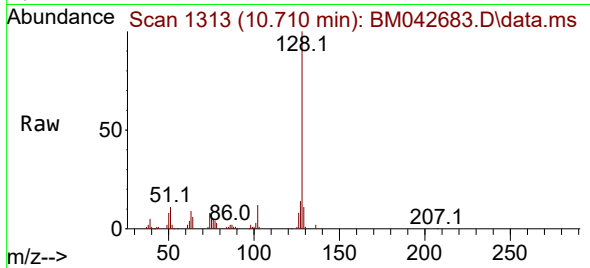




#31
Naphthalene
Concen: 10.370 ng
RT: 10.710 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

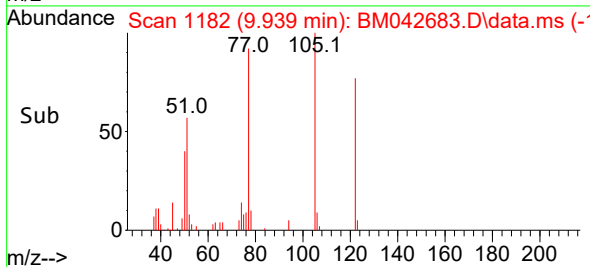
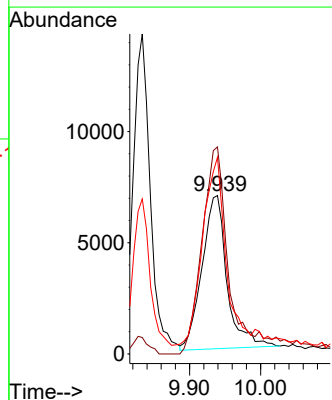
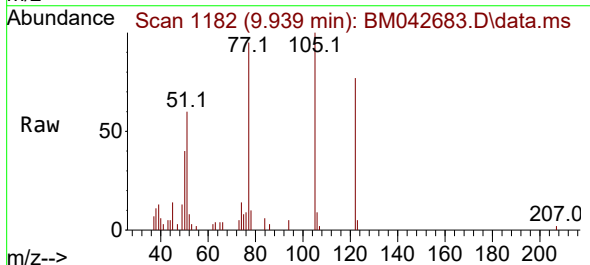
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MSD

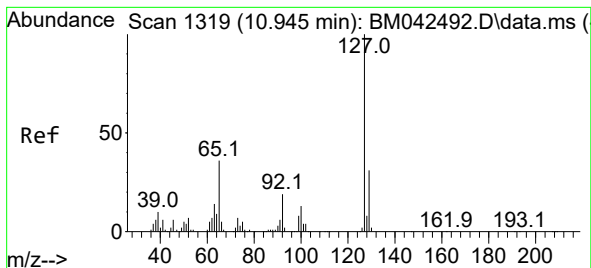
Tgt Ion:128 Resp: 101254
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 14.1 10.6 15.8



#32
Benzoic acid
Concen: 11.050 ng
RT: 9.939 min Scan# 1182
Delta R.T. -0.053 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

Tgt Ion:122 Resp: 16945
Ion Ratio Lower Upper
122 100
105 130.6 105.2 145.2
77 124.1 84.8 124.8





#33

4-Chloroaniline

Concen: 7.459 ng

RT: 10.863 min Scan# 11

Delta R.T. 0.006 min

Lab File: BM042683.D

Acq: 09 Nov 2023 22:10

Instrument :

BNA_M

ClientSampleId :

OR-3-110623MSD

Tgt Ion:127 Resp: 28399

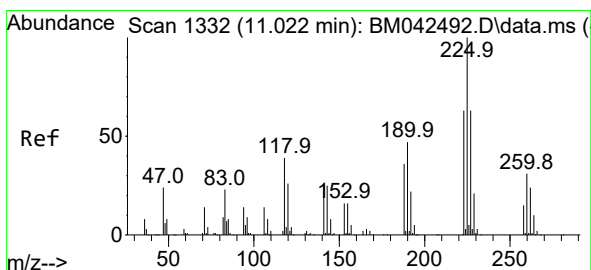
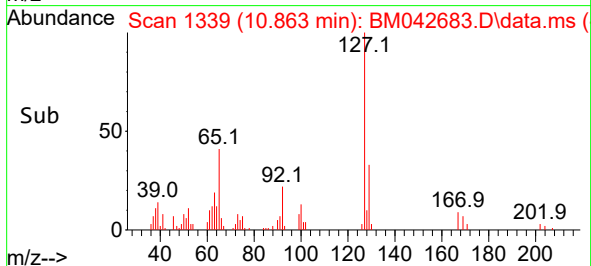
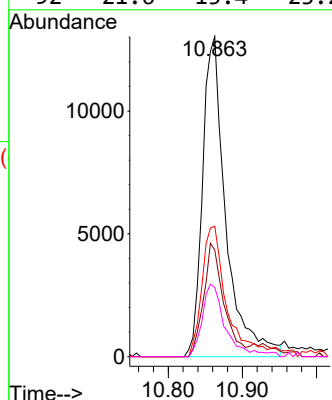
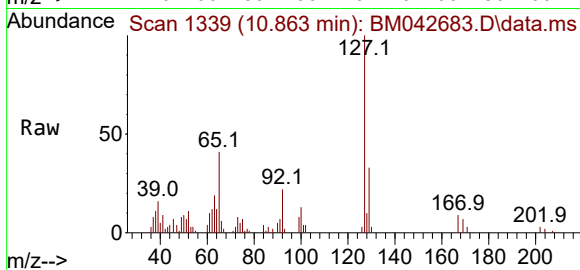
Ion Ratio Lower Upper

127 100

129 33.3 25.0 37.4

65 40.7 29.0 43.4

92 21.6 15.4 23.2



#34

Hexachlorobutadiene

Concen: 12.926 ng

RT: 10.933 min Scan# 1351

Delta R.T. -0.000 min

Lab File: BM042683.D

Acq: 09 Nov 2023 22:10

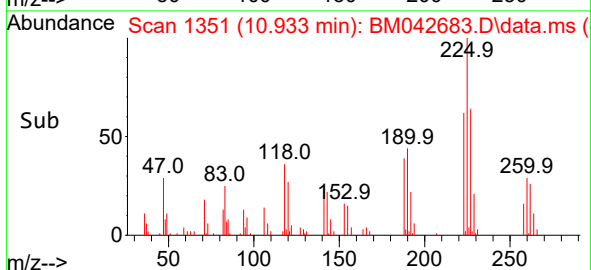
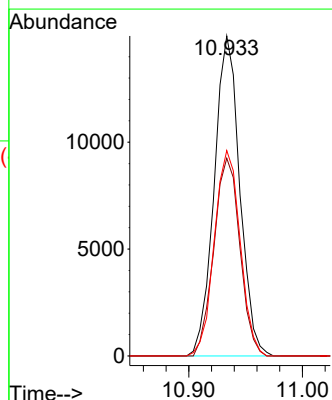
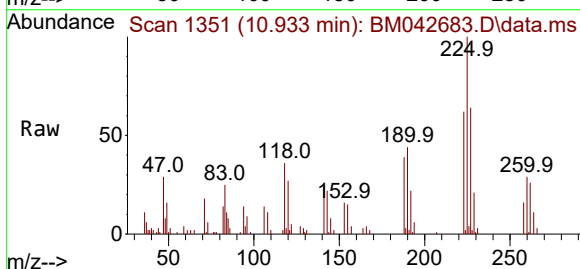
Tgt Ion:225 Resp: 23362

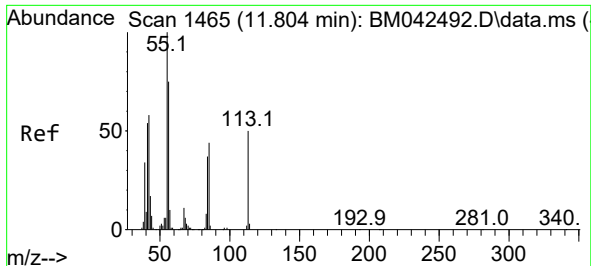
Ion Ratio Lower Upper

225 100

223 61.8 50.0 75.0

227 64.2 50.6 75.8

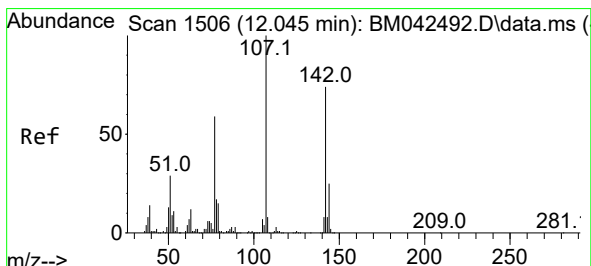
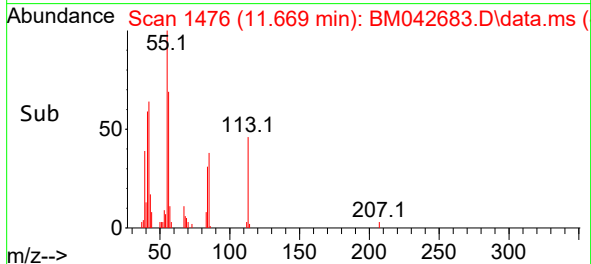
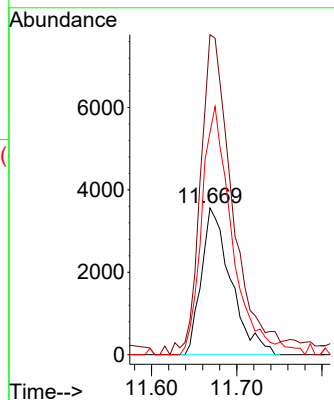
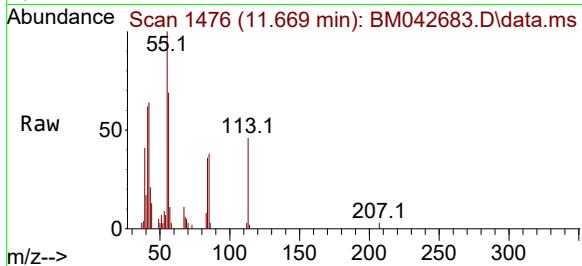




#35
Caprolactam
Concen: 8.974 ng
RT: 11.669 min Scan# 1465
Delta R.T. -0.024 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

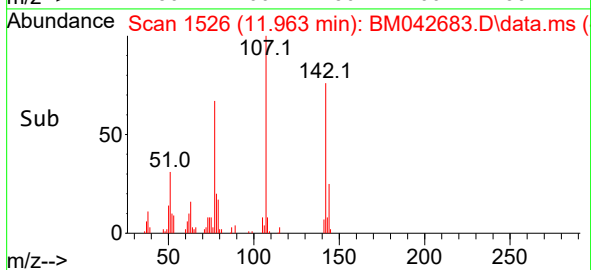
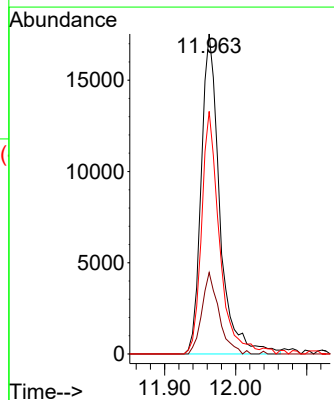
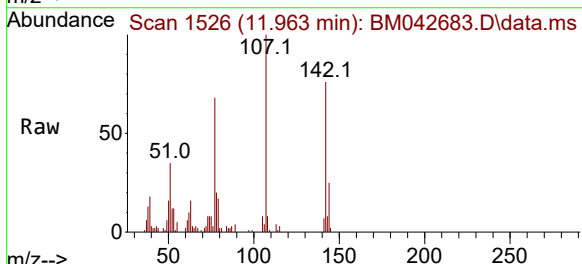
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MSD

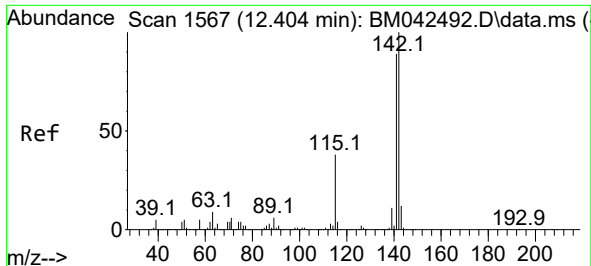
Tgt Ion:113 Resp: 8564
Ion Ratio Lower Upper
113 100
55 218.1 180.9 220.9
56 151.3 130.0 170.0



#36
4-Chloro-3-methylphenol
Concen: 10.324 ng
RT: 11.963 min Scan# 1526
Delta R.T. -0.000 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

Tgt Ion:107 Resp: 31914
Ion Ratio Lower Upper
107 100
144 25.4 20.2 30.2
142 75.8 59.5 89.3

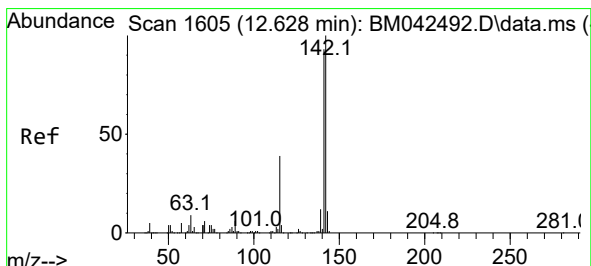
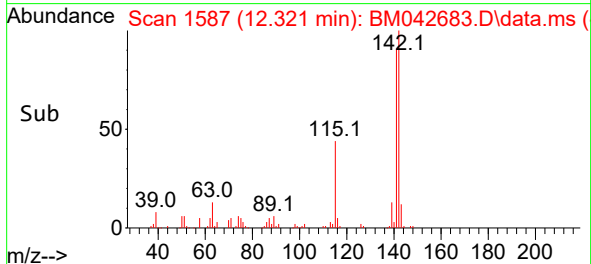
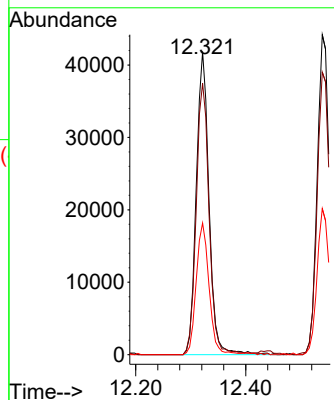
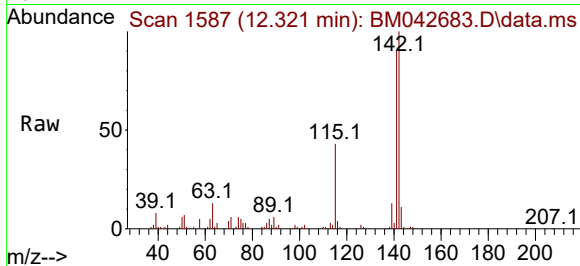




#37
2-Methylnaphthalene
Concen: 9.806 ng
RT: 12.321 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

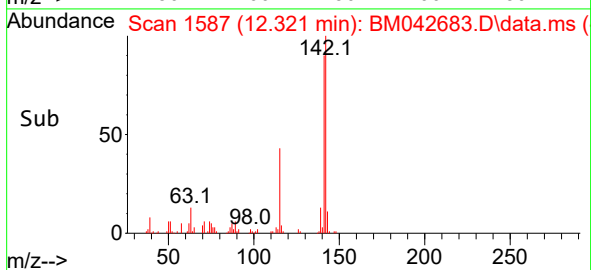
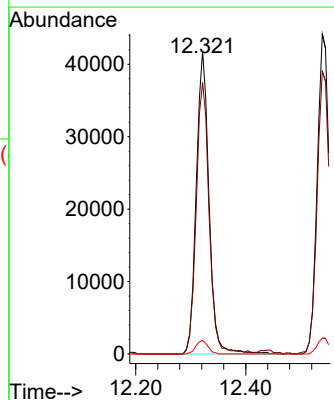
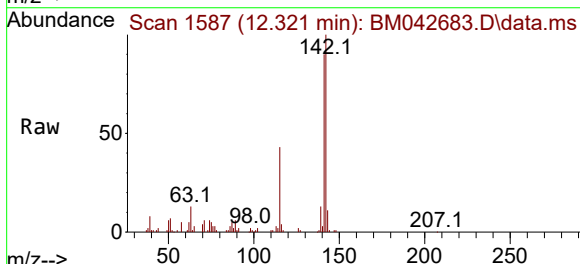
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MSD

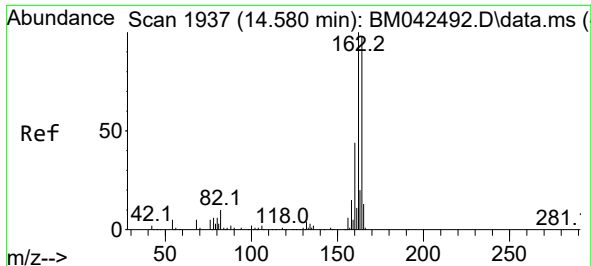
Tgt Ion:142 Resp: 67432
Ion Ratio Lower Upper
142 100
141 89.5 70.9 106.3
115 43.5 30.2 45.2



#38
1-Methylnaphthalene
Concen: 10.418 ng
RT: 12.321 min Scan# 1587
Delta R.T. -0.224 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

Tgt Ion:142 Resp: 67432
Ion Ratio Lower Upper
142 100
141 89.5 74.4 111.6
116 4.5 3.2 4.8

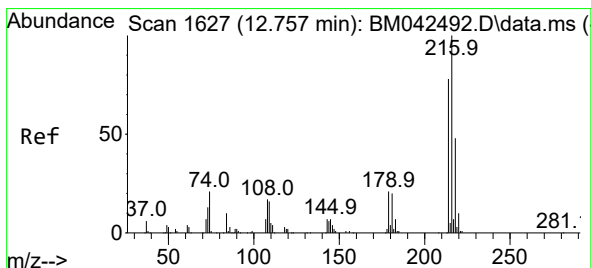
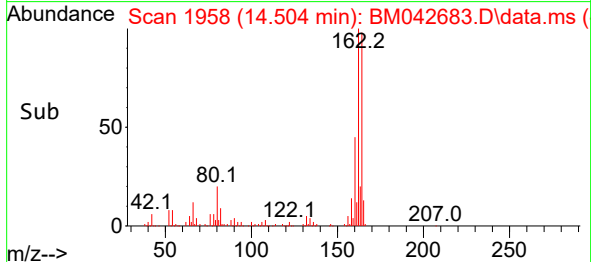
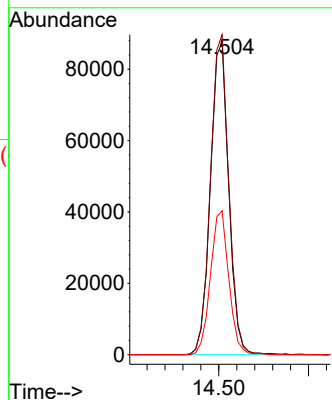
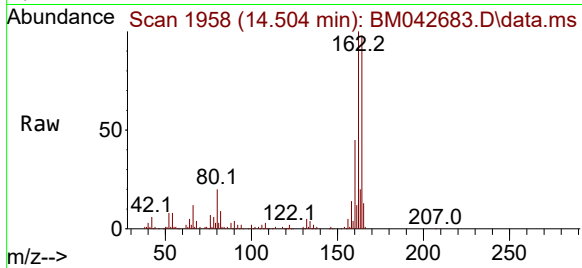




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 14
Delta R.T. -0.000 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

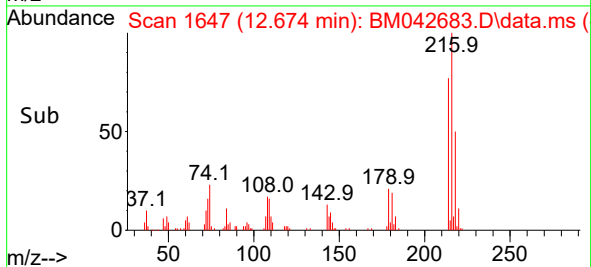
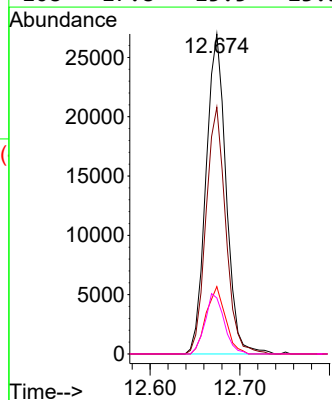
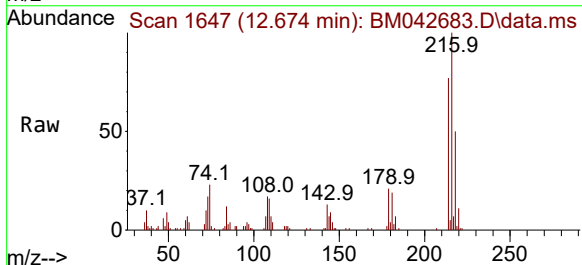
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MSD

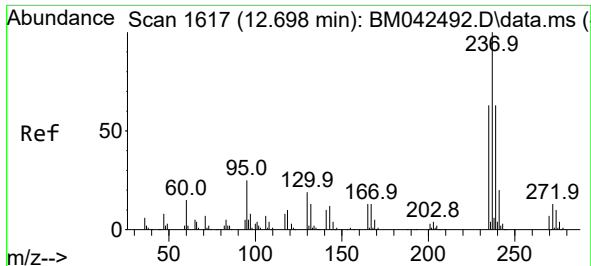
Tgt Ion:164 Resp: 123921
Ion Ratio Lower Upper
164 100
162 102.3 81.6 122.4
160 46.0 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 11.334 ng
RT: 12.674 min Scan# 1647
Delta R.T. -0.000 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

Tgt Ion:216 Resp: 41959
Ion Ratio Lower Upper
216 100
214 75.8 62.5 93.7
179 20.2 16.7 25.1
108 17.8 15.5 23.3

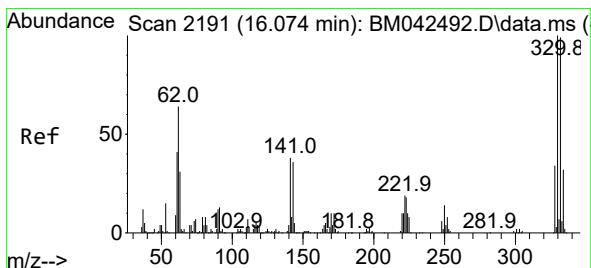
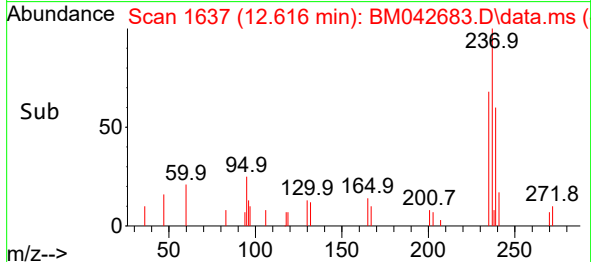
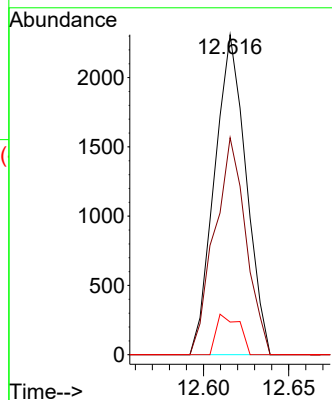
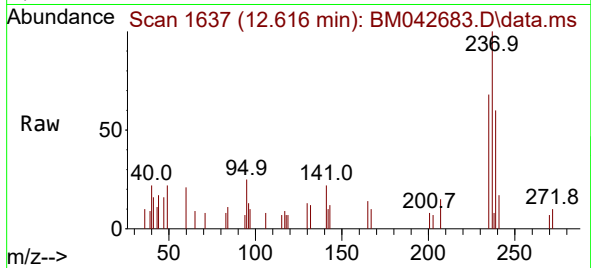




#41
Hexachlorocyclopentadiene
Concen: 7.333 ng
RT: 12.616 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

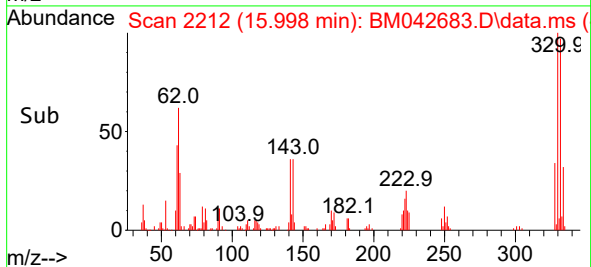
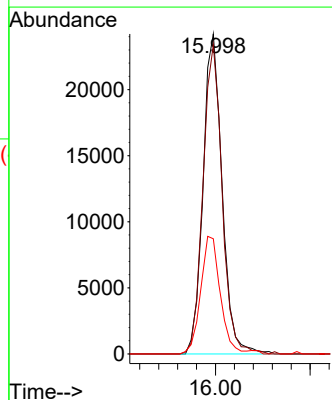
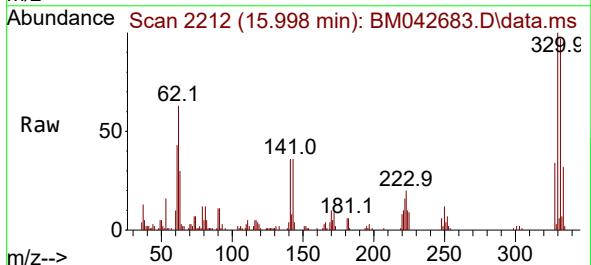
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MSD

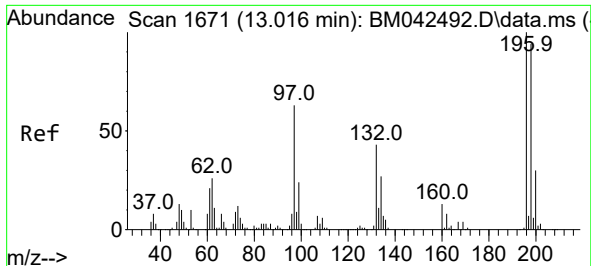
Tgt Ion: 237 Resp: 2967
Ion Ratio Lower Upper
237 100
235 67.8 42.5 82.5
272 10.2 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 20.911 ng
RT: 15.998 min Scan# 2212
Delta R.T. -0.000 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

Tgt Ion: 330 Resp: 33832
Ion Ratio Lower Upper
330 100
332 97.2 78.8 118.2
141 38.4 31.1 46.7





#43

2,4,6-Trichlorophenol

Concen: 10.767 ng

RT: 12.933 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM042683.D

Acq: 09 Nov 2023 22:10

Instrument :

BNA_M

ClientSampleId :

OR-3-110623MSD

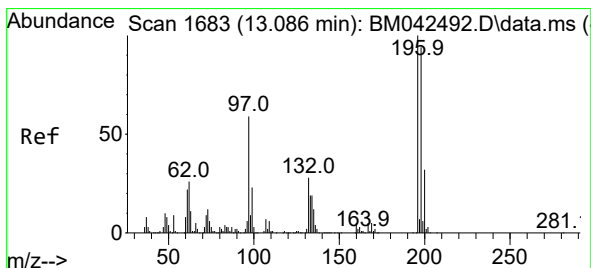
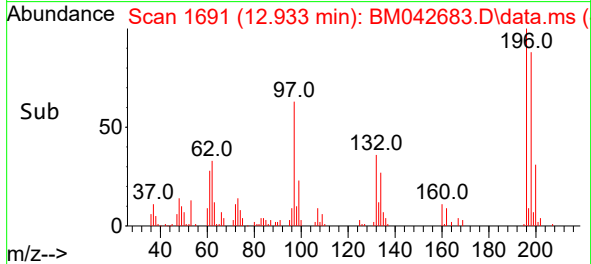
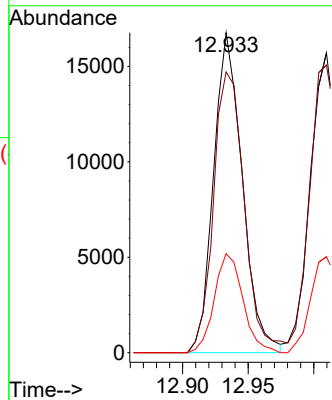
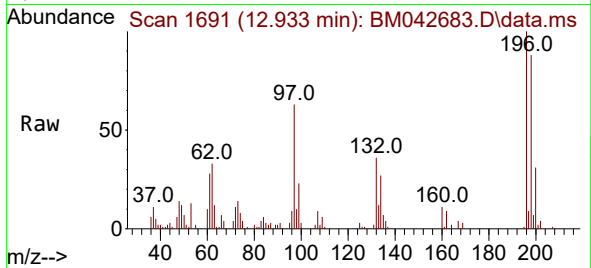
Tgt Ion:196 Resp: 25531

Ion Ratio Lower Upper

196 100

198 87.7 75.2 112.8

200 30.9 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 10.037 ng

RT: 13.010 min Scan# 1704

Delta R.T. -0.000 min

Lab File: BM042683.D

Acq: 09 Nov 2023 22:10

Tgt Ion:196 Resp: 28320

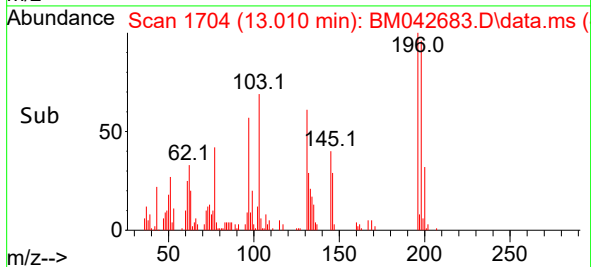
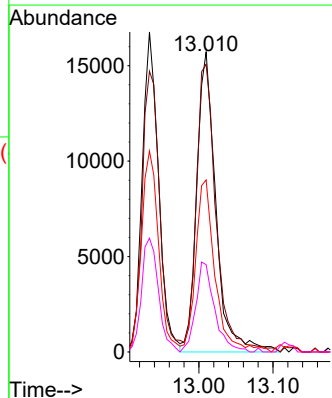
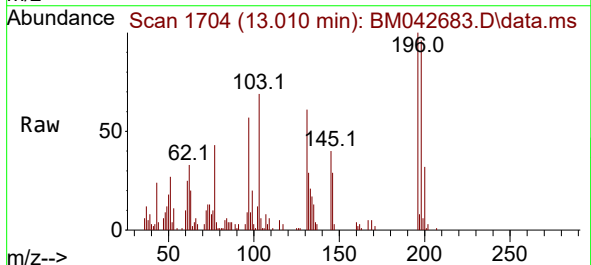
Ion Ratio Lower Upper

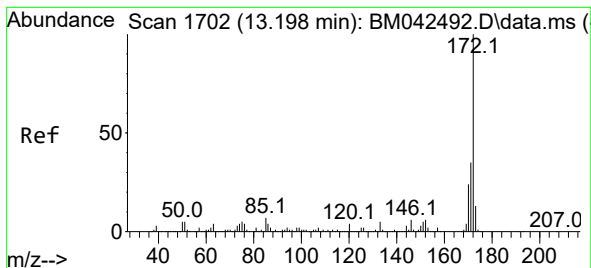
196 100

198 96.0 75.1 112.7

97 57.4 47.4 71.0

132 29.1 22.5 33.7





#45

2-Fluorobiphenyl

Concen: 12.047 ng

RT: 13.121 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM042683.D

Acq: 09 Nov 2023 22:10

Instrument :

BNA_M

ClientSampleId :

OR-3-110623MSD

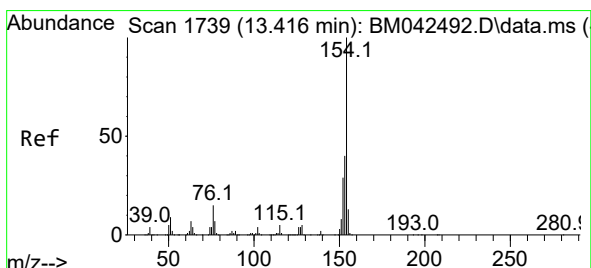
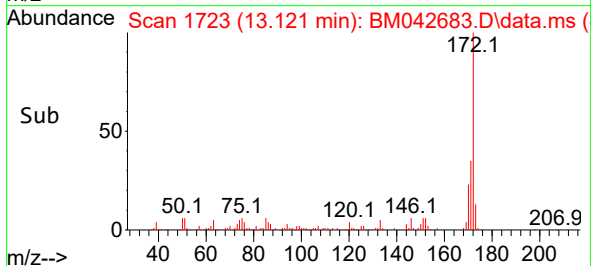
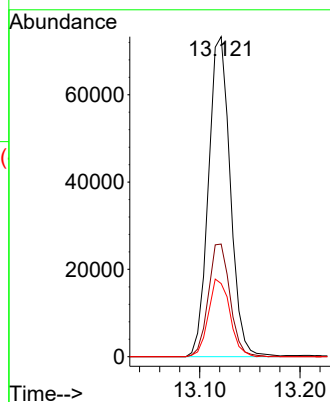
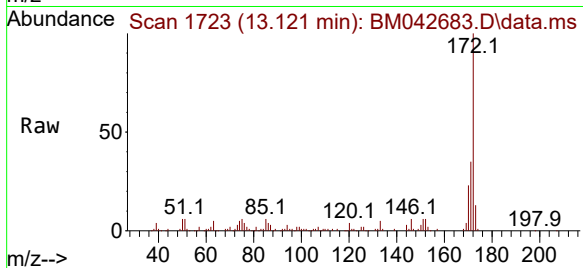
Tgt Ion:172 Resp: 110948

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

170 22.9 19.0 28.4



#46

1,1'-Biphenyl

Concen: 9.630 ng

RT: 13.333 min Scan# 1759

Delta R.T. -0.006 min

Lab File: BM042683.D

Acq: 09 Nov 2023 22:10

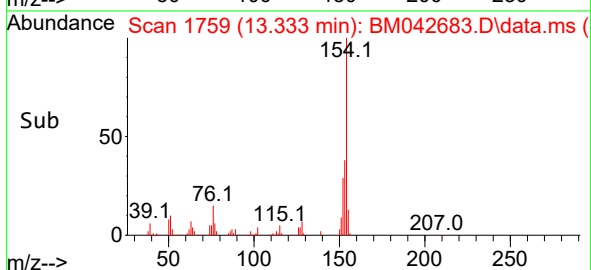
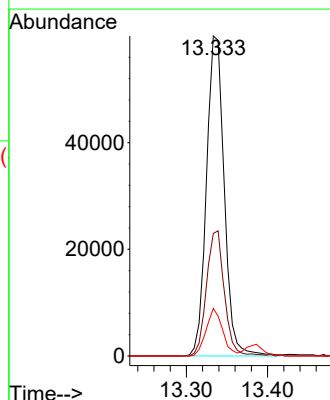
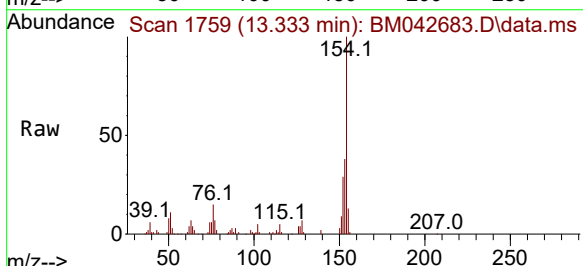
Tgt Ion:154 Resp: 91220

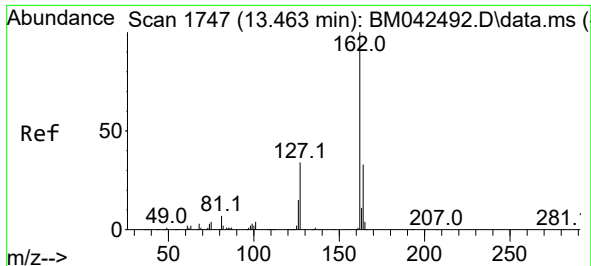
Ion Ratio Lower Upper

154 100

153 38.3 20.3 60.3

76 14.9 0.0 35.0

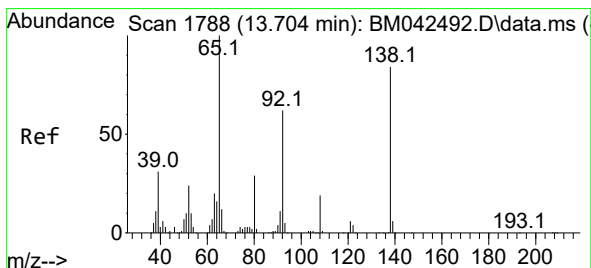
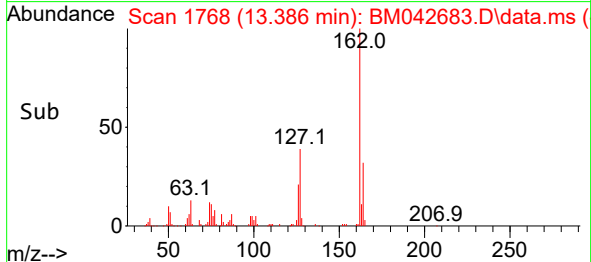
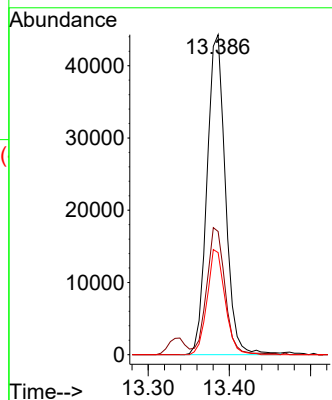
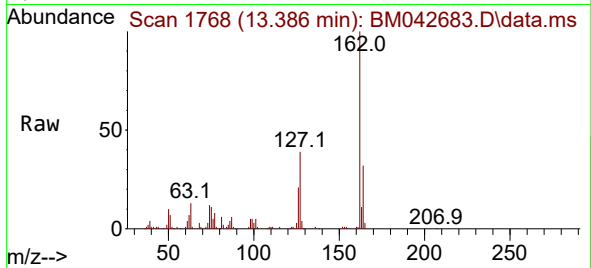




#47
2-Chloronaphthalene
Concen: 10.021 ng
RT: 13.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

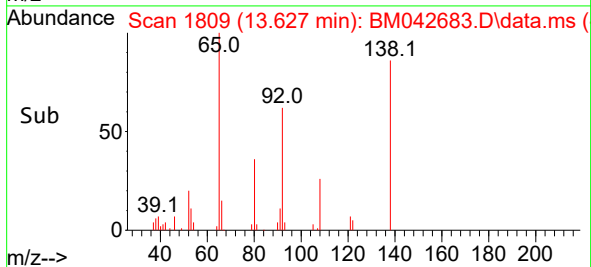
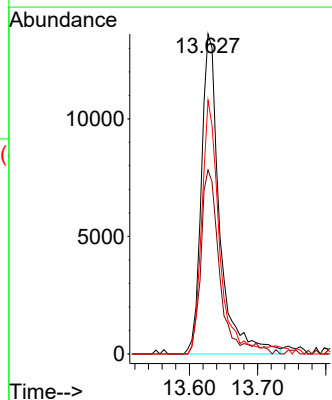
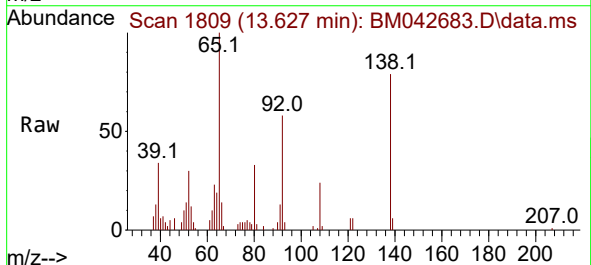
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MSD

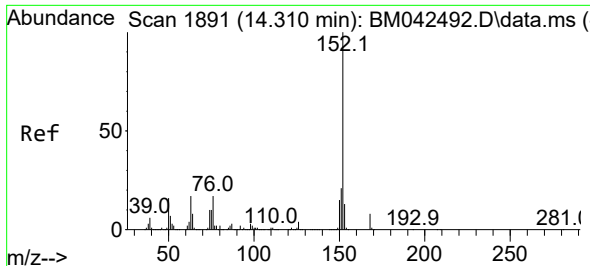
Tgt Ion:162 Resp: 69636
Ion Ratio Lower Upper
162 100
127 38.5 31.1 46.7
164 31.9 26.2 39.4



#48
2-Nitroaniline
Concen: 12.598 ng
RT: 13.627 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

Tgt Ion: 65 Resp: 25422
Ion Ratio Lower Upper
65 100
92 57.5 49.4 74.2
138 79.2 66.9 100.3

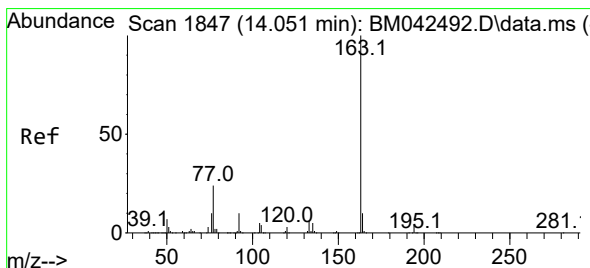
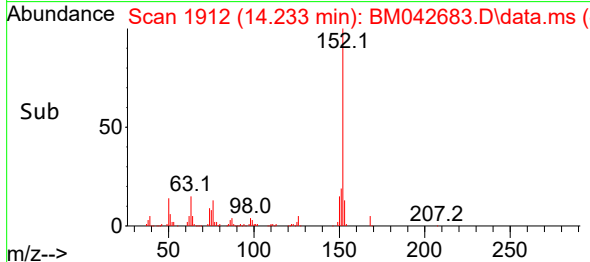
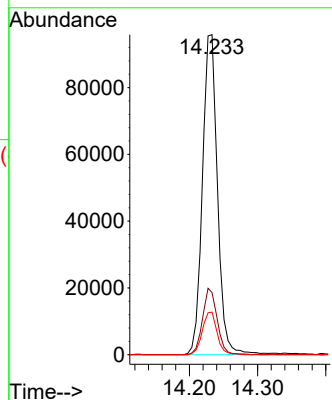
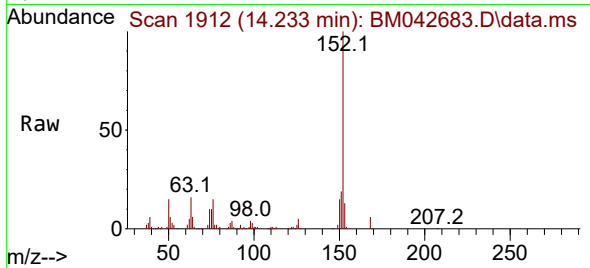




#49
Acenaphthylene
Concen: 12.822 ng
RT: 14.233 min Scan# 1912
Delta R.T. -0.000 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

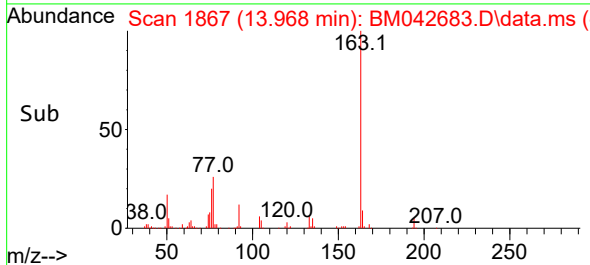
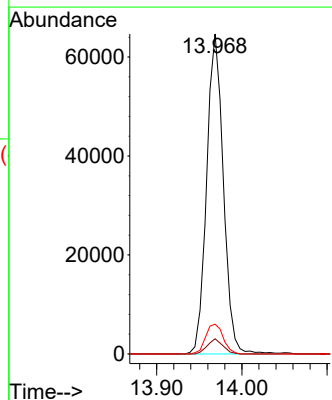
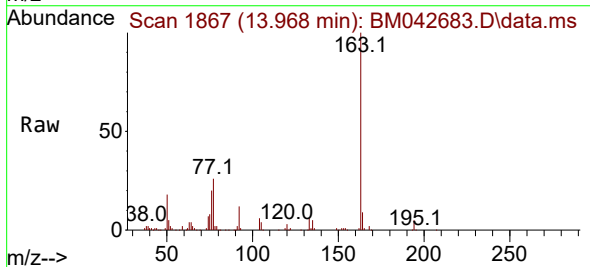
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MSD

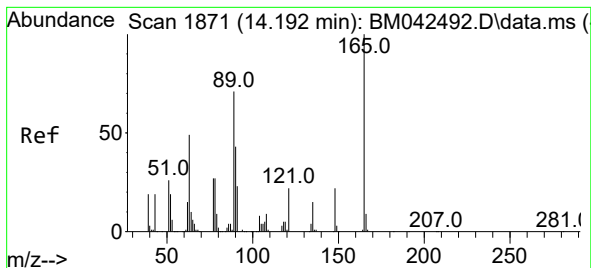
Tgt Ion:152 Resp: 147564
Ion Ratio Lower Upper
152 100
151 19.4 16.4 24.6
153 13.3 10.4 15.6



#50
Dimethylphthalate
Concen: 9.526 ng
RT: 13.968 min Scan# 1867
Delta R.T. -0.006 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

Tgt Ion:163 Resp: 88226
Ion Ratio Lower Upper
163 100
194 4.7 3.2 4.8
164 9.3 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 9.729 ng

RT: 14.115 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042683.D

Acq: 09 Nov 2023 22:10

Instrument :

BNA_M

ClientSampleId :

OR-3-110623MSD

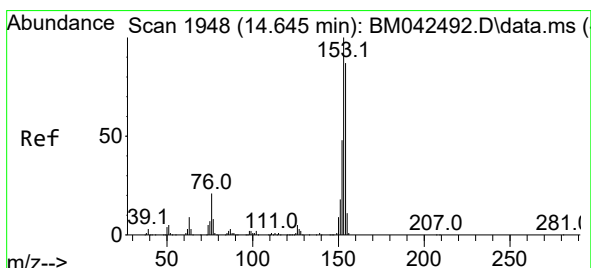
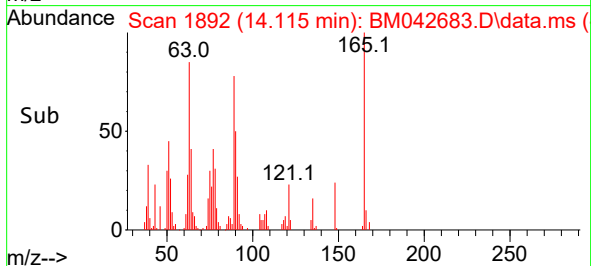
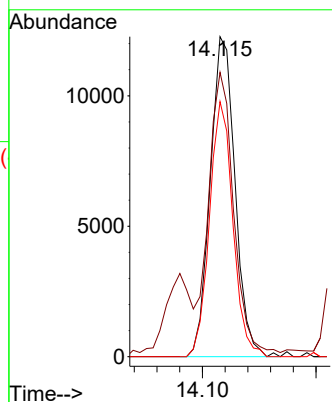
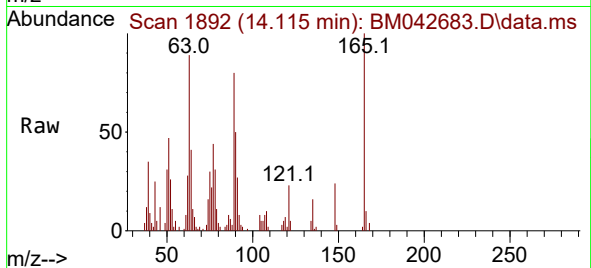
Tgt Ion:165 Resp: 18572

Ion Ratio Lower Upper

165 100

63 88.9 59.4 89.0

89 79.7 57.0 85.6



#52

Acenaphthene

Concen: 10.333 ng

RT: 14.563 min Scan# 1968

Delta R.T. -0.006 min

Lab File: BM042683.D

Acq: 09 Nov 2023 22:10

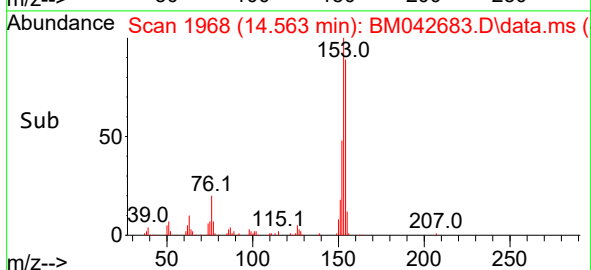
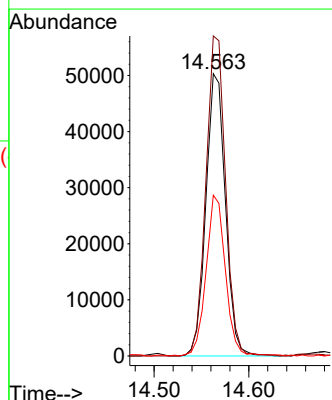
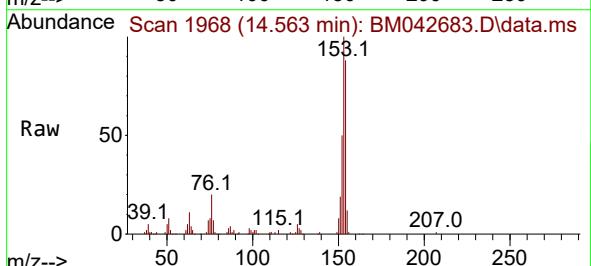
Tgt Ion:154 Resp: 72178

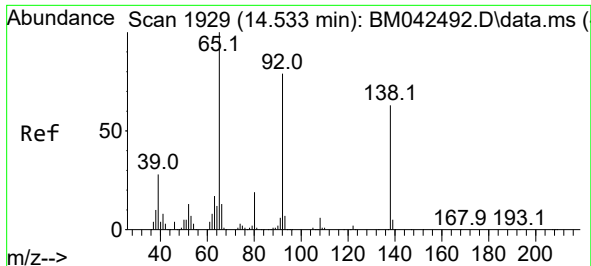
Ion Ratio Lower Upper

154 100

153 113.4 92.0 138.0

152 57.0 44.0 66.0

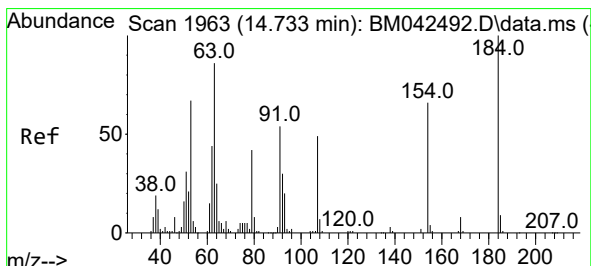
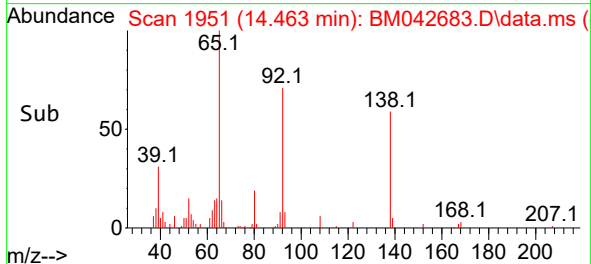
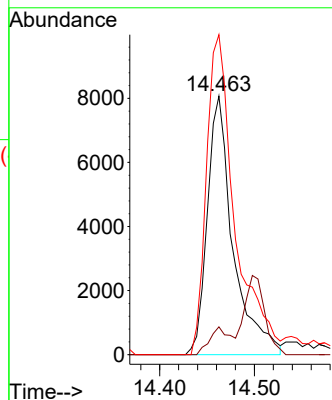
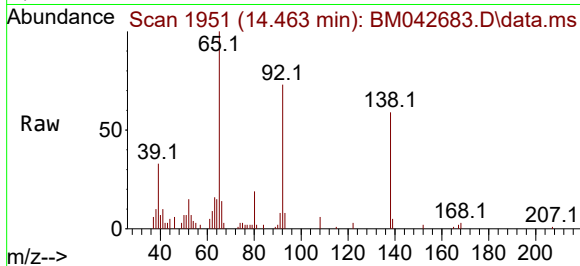




#53
3-Nitroaniline
Concen: 10.793 ng
RT: 14.463 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

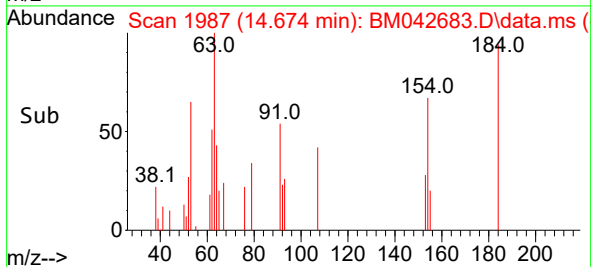
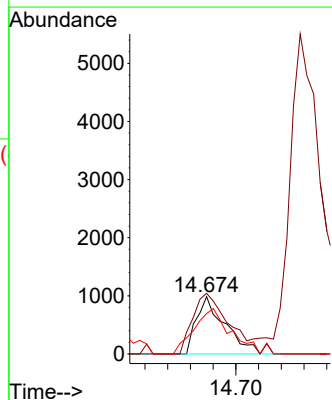
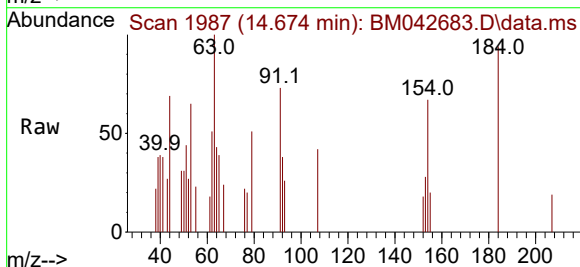
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MSD

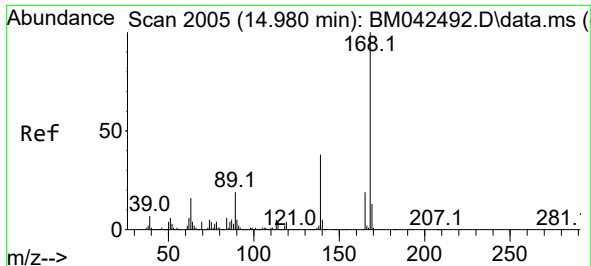
Tgt Ion:138 Resp: 15164
Ion Ratio Lower Upper
138 100
108 10.8 7.9 11.9
92 123.7 100.7 151.1



#54
2,4-Dinitrophenol
Concen: 8.930 ng
RT: 14.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

Tgt Ion:184 Resp: 1774
Ion Ratio Lower Upper
184 100
63 105.9 69.2 103.8#
154 70.5 53.2 79.8

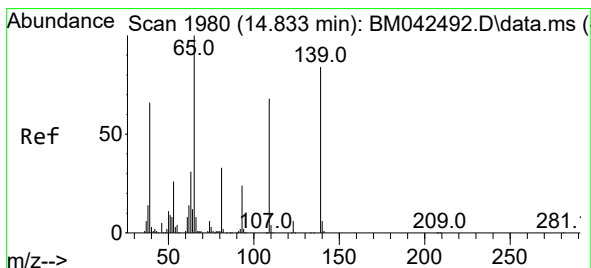
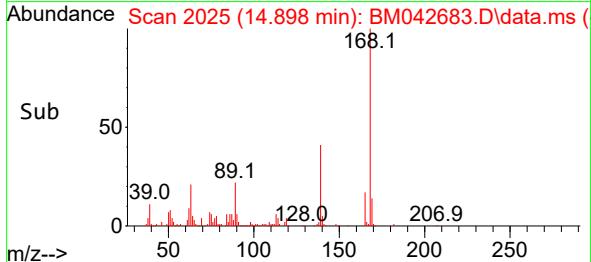
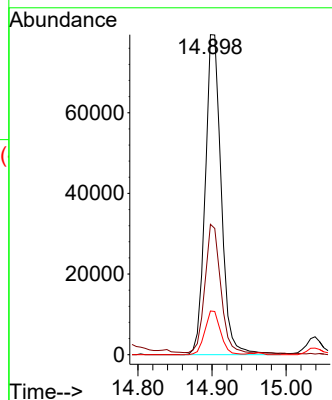
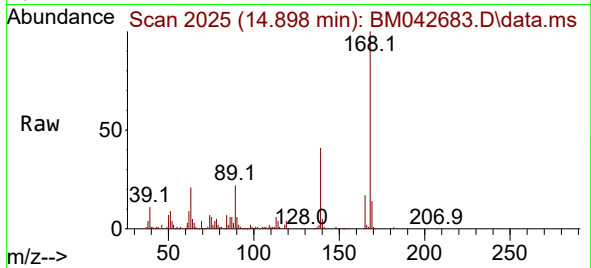




#55
Dibenzenofuran
Concen: 10.518 ng
RT: 14.898 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

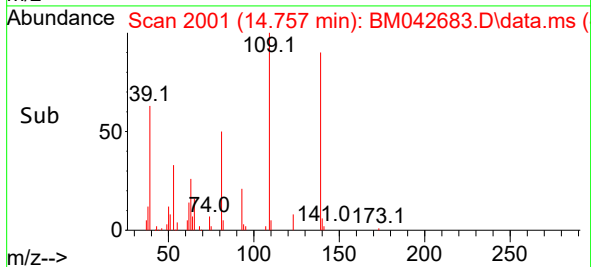
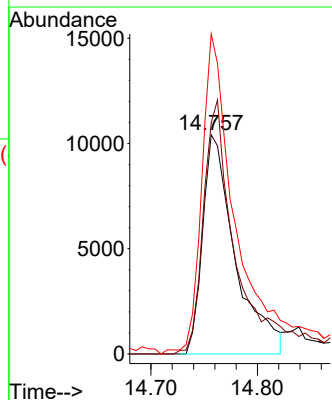
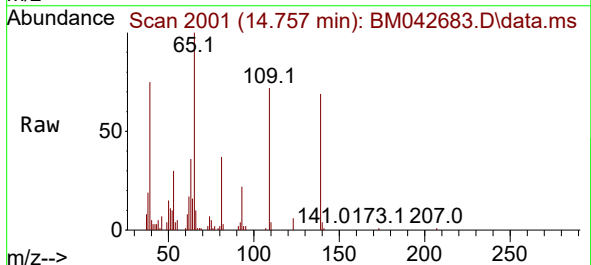
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MSD

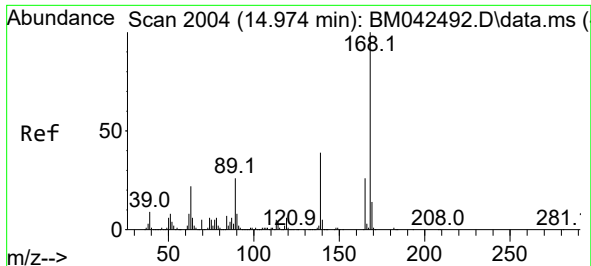
Tgt Ion:168 Resp: 119445
Ion Ratio Lower Upper
168 100
139 40.8 30.4 45.6
169 13.6 10.6 15.8



#56
4-Nitrophenol
Concen: 18.630 ng
RT: 14.757 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

Tgt Ion:139 Resp: 22181
Ion Ratio Lower Upper
139 100
109 105.5 61.3 101.3#
65 146.0 100.2 140.2#





#57

2,4-Dinitrotoluene

Concen: 11.625 ng

RT: 14.904 min Scan# 20

Delta R.T. -0.006 min

Lab File: BM042683.D

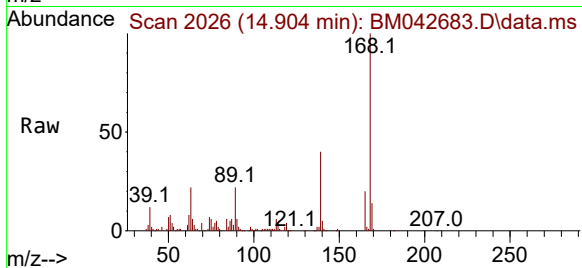
Acq: 09 Nov 2023 22:10

Instrument :

BNA_M

ClientSampleId :

OR-3-110623MSD



Tgt Ion:165 Resp: 24137

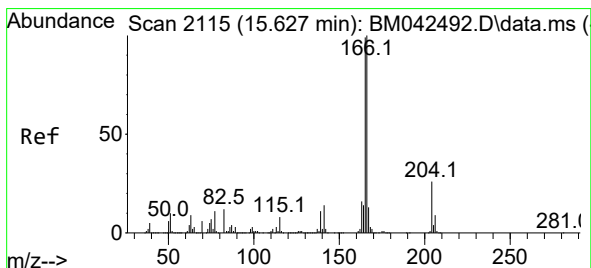
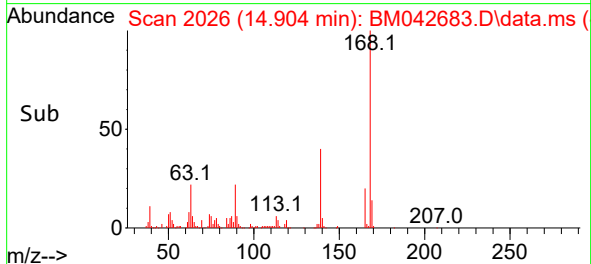
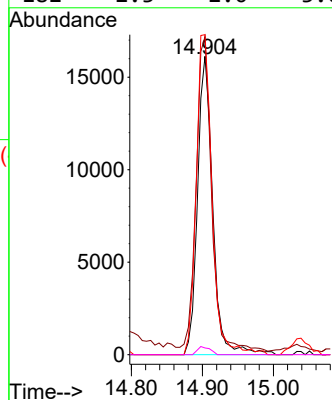
Ion Ratio Lower Upper

165 100

63 106.6 66.7 100.1#

89 107.3 80.2 120.4

182 2.3 2.0 3.0



#58

Fluorene

Concen: 11.264 ng

RT: 15.551 min Scan# 2136

Delta R.T. -0.000 min

Lab File: BM042683.D

Acq: 09 Nov 2023 22:10

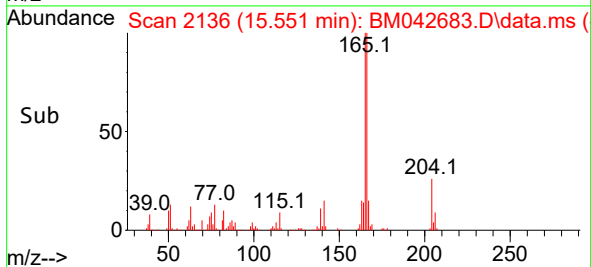
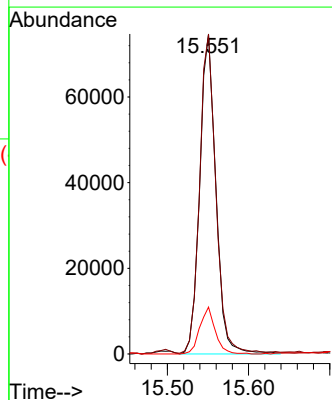
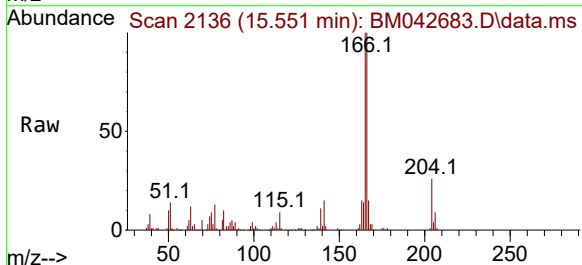
Tgt Ion:166 Resp: 103505

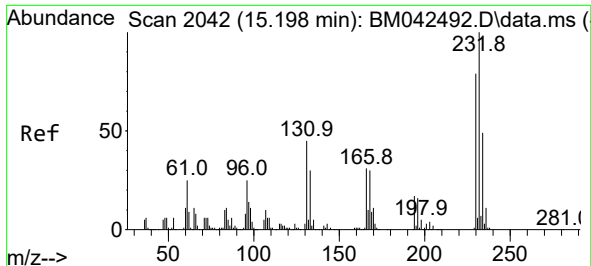
Ion Ratio Lower Upper

166 100

165 99.8 79.3 118.9

167 14.7 10.5 15.7

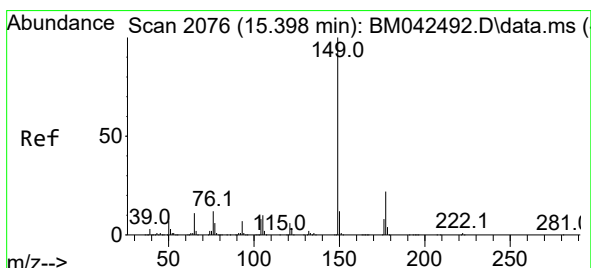
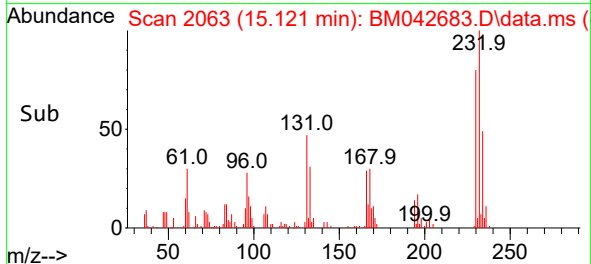
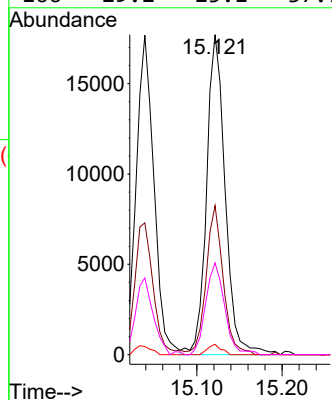
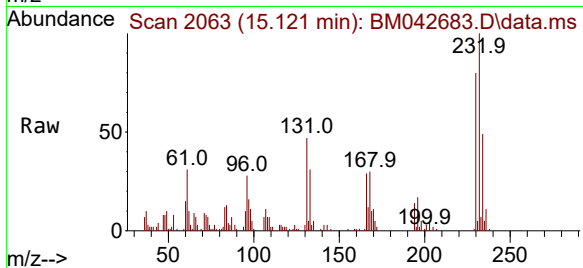




#59
2,3,4,6-Tetrachlorophenol
Concen: 11.303 ng
RT: 15.121 min Scan# 2096
Delta R.T. -0.000 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

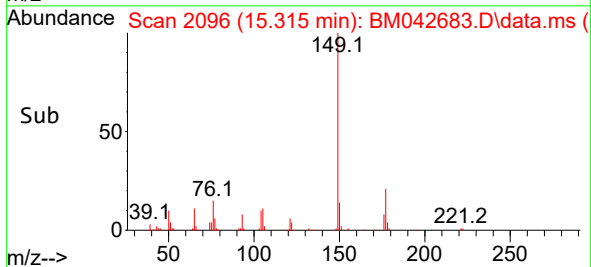
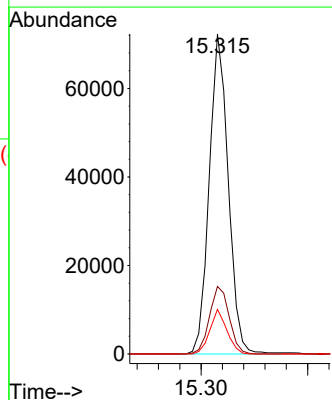
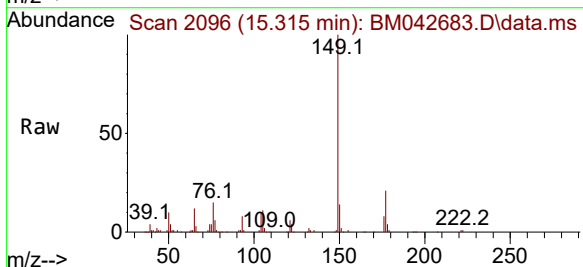
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MSD

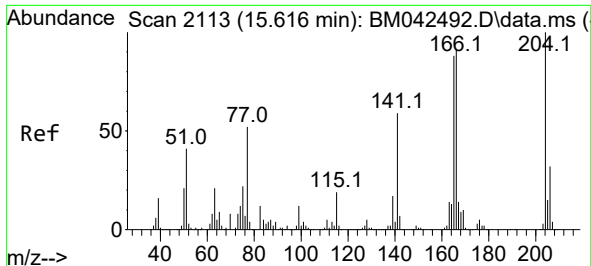
Tgt Ion:	232	Resp:	26864
Ion Ratio	Lower	Upper	
232	100		
131	42.8	37.2	55.8
130	2.3	2.1	3.1
166	29.2	25.1	37.7



#60
Diethylphthalate
Concen: 9.550 ng
RT: 15.315 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

Tgt Ion:	149	Resp:	89613
Ion Ratio	Lower	Upper	
149	100		
177	21.1	17.8	26.6
150	13.9	9.8	14.6

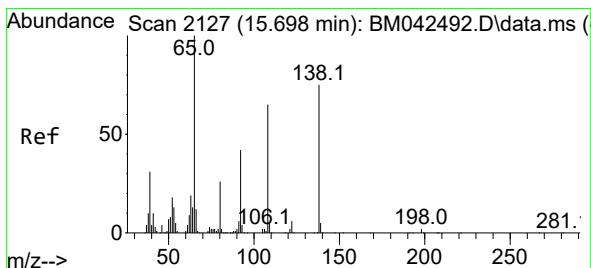
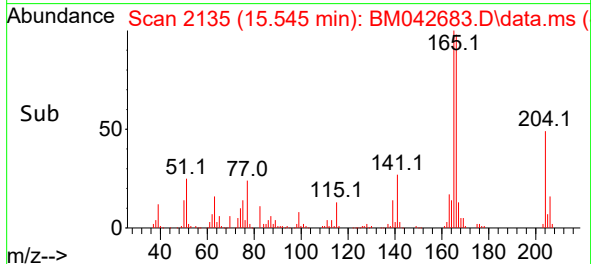
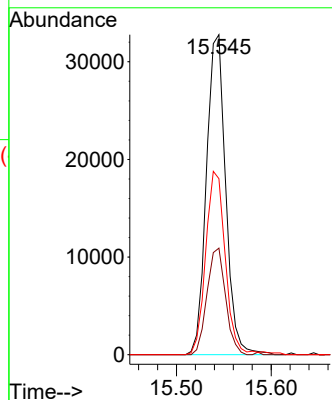
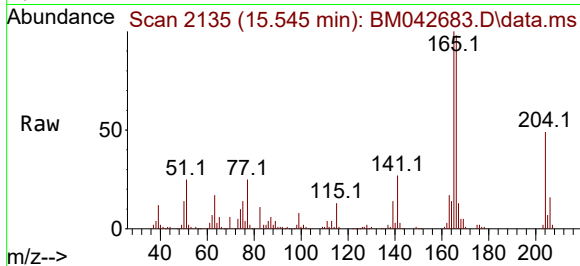




#61
4-Chlorophenyl-phenylether
Concen: 9.944 ng
RT: 15.545 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

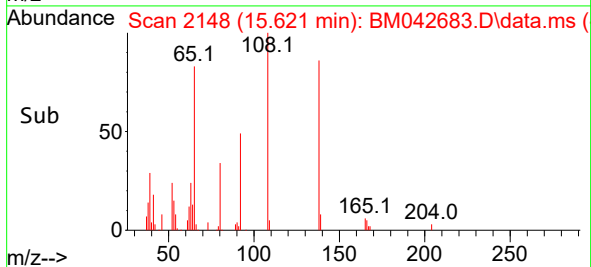
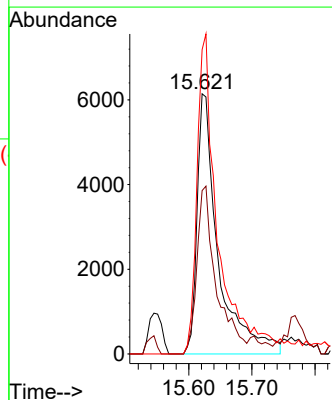
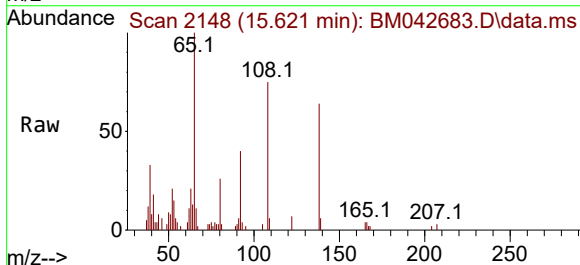
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MSD

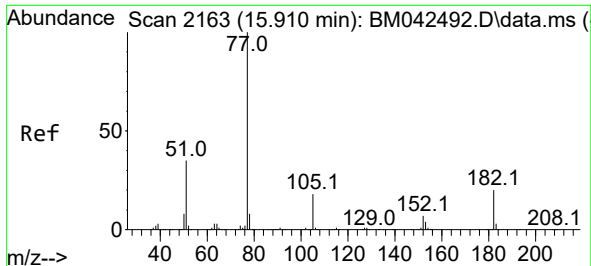
Tgt Ion:204 Resp: 46161
Ion Ratio Lower Upper
204 100
206 33.3 25.9 38.9
141 55.0 46.8 70.2



#62
4-Nitroaniline
Concen: 12.339 ng
RT: 15.621 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

Tgt Ion:138 Resp: 14332
Ion Ratio Lower Upper
138 100
92 62.8 37.0 77.0
108 116.9 67.2 107.2#

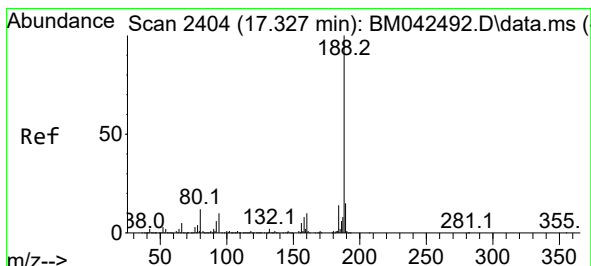
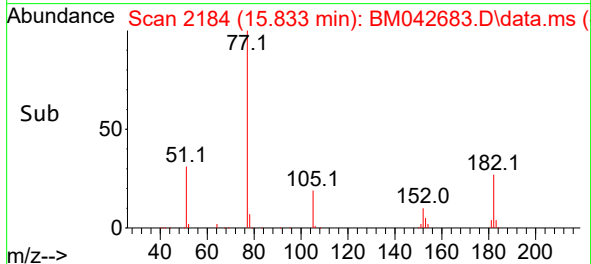
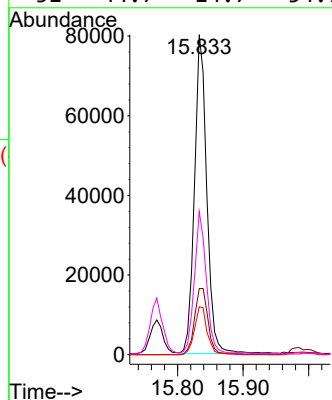
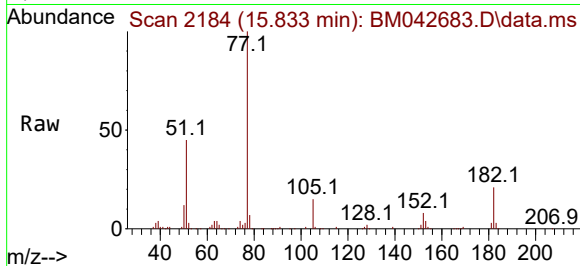




#63
Azobenzene
Concen: 10.124 ng
RT: 15.833 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

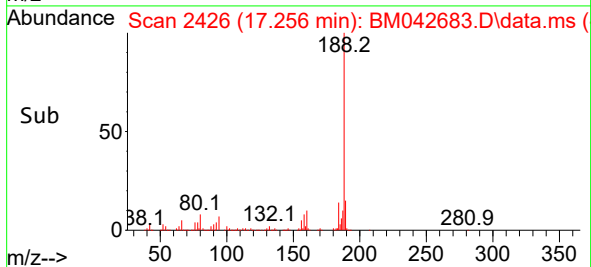
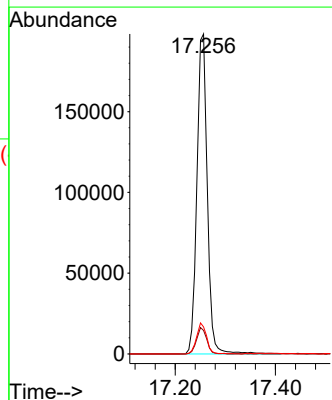
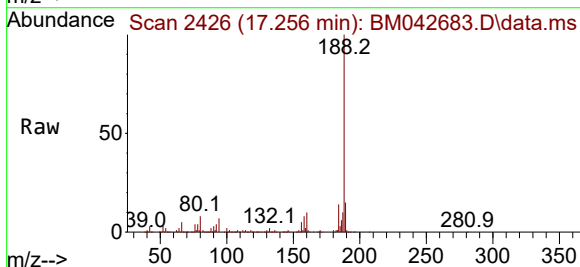
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MSD

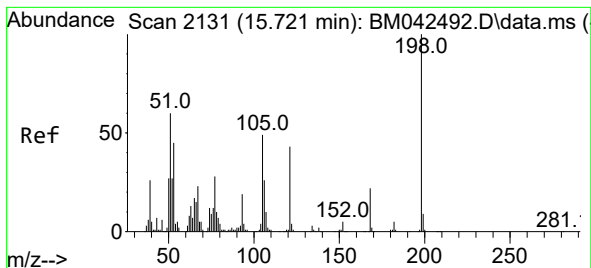
Tgt Ion: 77 Resp: 104680
Ion Ratio Lower Upper
77 100
182 20.6 0.0 40.0
105 14.9 0.0 37.9
51 44.7 14.7 54.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.256 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

Tgt Ion:188 Resp: 284714
Ion Ratio Lower Upper
188 100
94 7.3 8.2 12.4#
80 8.5 9.4 14.2#

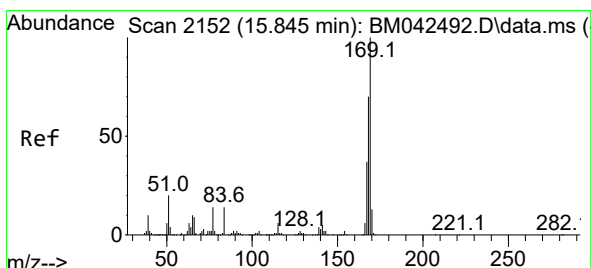
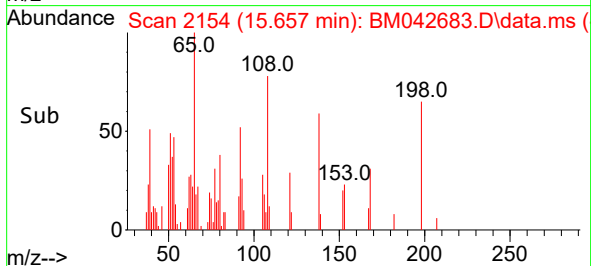
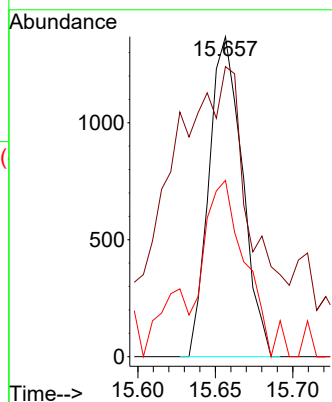
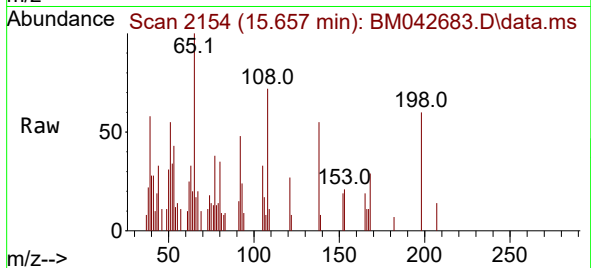




#65
4,6-Dinitro-2-methylphenol
Concen: 6.818 ng
RT: 15.657 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

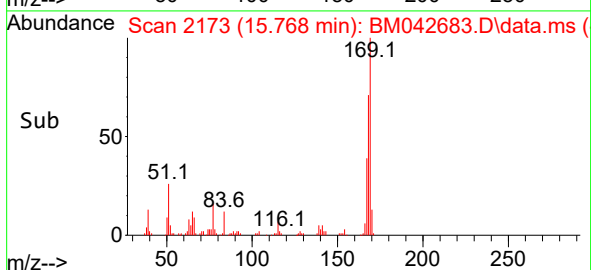
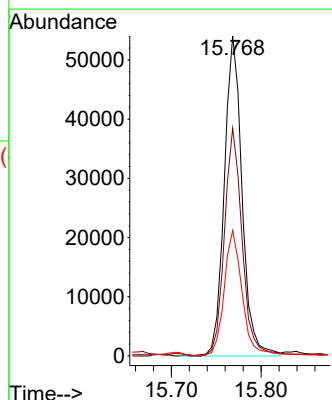
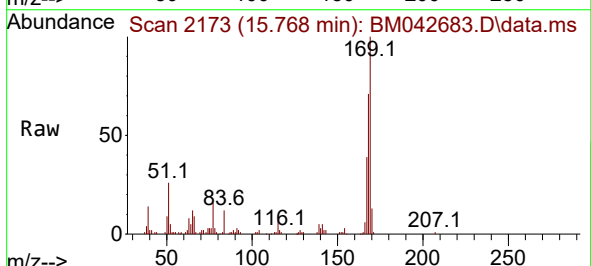
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MSD

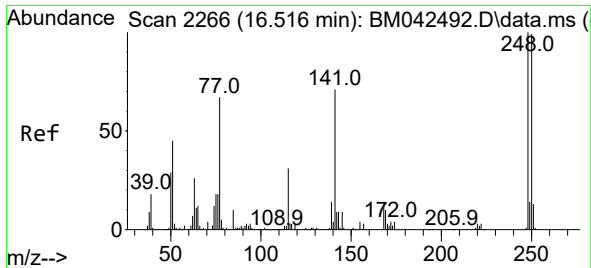
Tgt Ion:198 Resp: 2048
Ion Ratio Lower Upper
198 100
51 90.6 42.4 82.4#
105 55.1 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 9.260 ng
RT: 15.768 min Scan# 2173
Delta R.T. -0.006 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

Tgt Ion:169 Resp: 74337
Ion Ratio Lower Upper
169 100
168 71.2 55.9 83.9
167 39.2 29.8 44.8

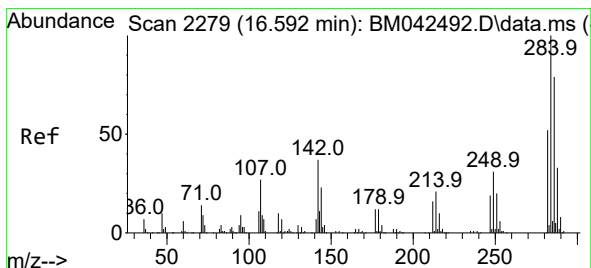
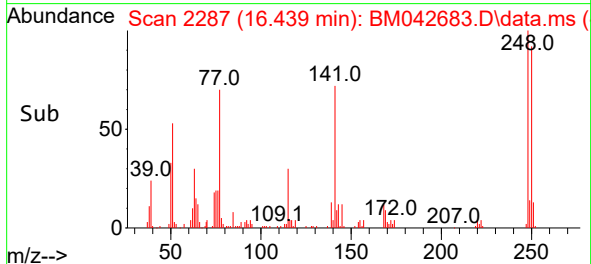
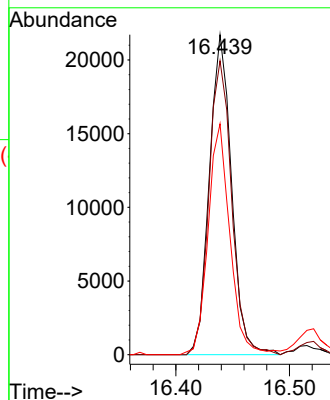
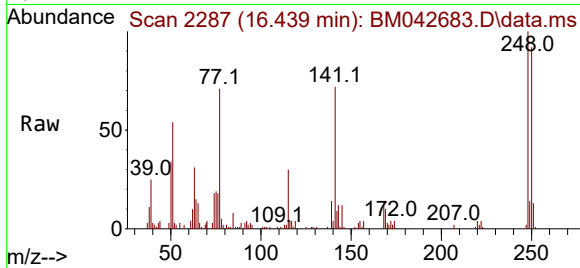




#67
4-Bromophenyl-phenylether
Concen: 10.356 ng
RT: 16.439 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

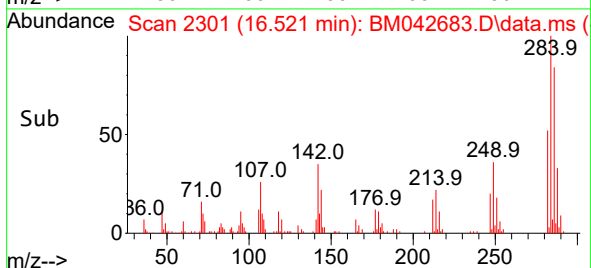
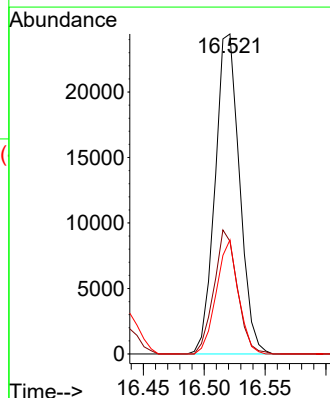
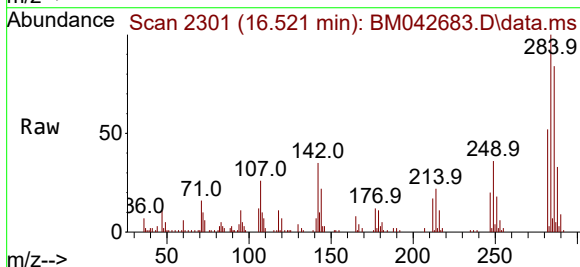
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MSD

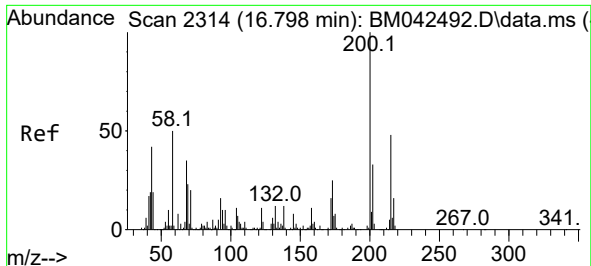
Tgt Ion:248 Resp: 29483
Ion Ratio Lower Upper
248 100
250 91.9 79.4 119.0
141 72.2 57.0 85.6



#68
Hexachlorobenzene
Concen: 10.840 ng
RT: 16.521 min Scan# 2301
Delta R.T. -0.000 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

Tgt Ion:284 Resp: 34141
Ion Ratio Lower Upper
284 100
142 35.2 29.8 44.6
249 35.7 25.1 37.7

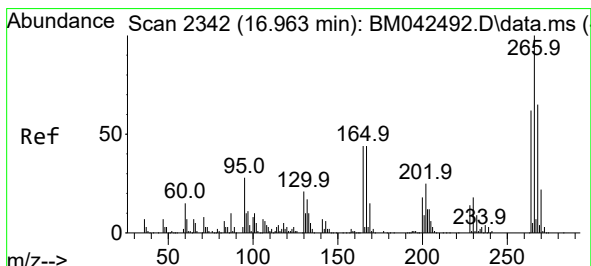
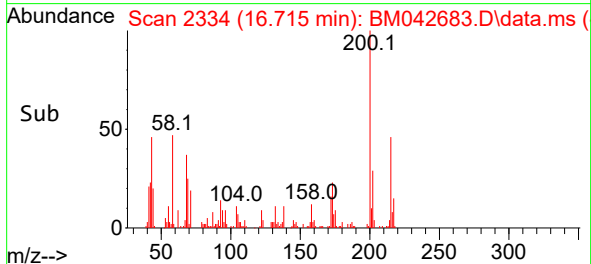
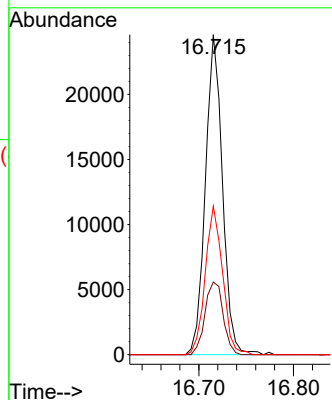
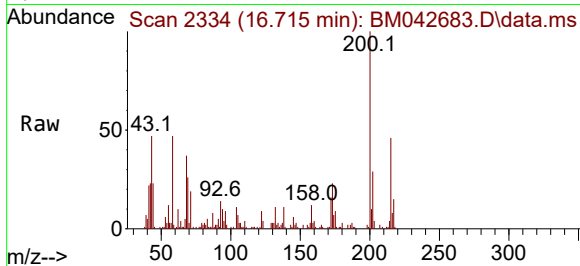




#69
 Atrazine
 Concen: 13.240 ng
 RT: 16.715 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042683.D
 Acq: 09 Nov 2023 22:10

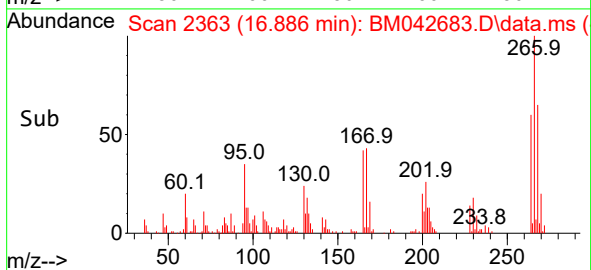
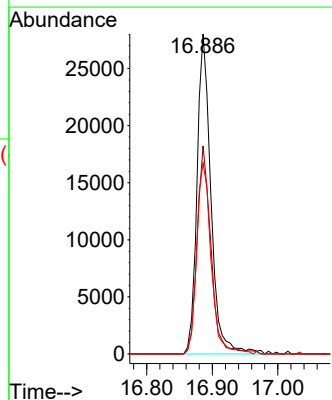
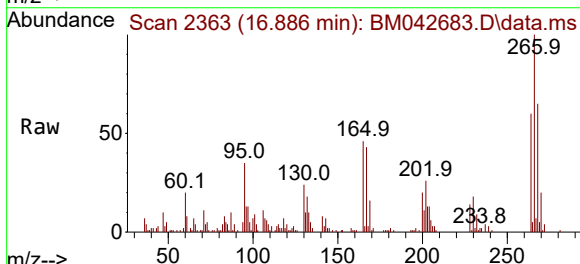
Instrument :
 BNA_M
 ClientSampleId :
 OR-3-110623MSD

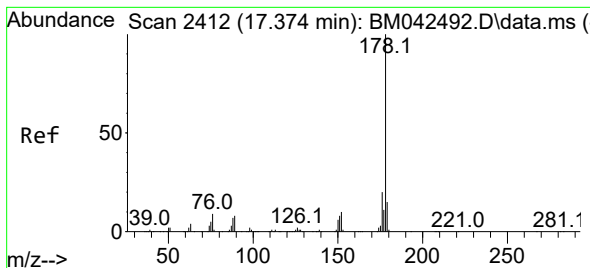
Tgt Ion:200 Resp: 30713
 Ion Ratio Lower Upper
 200 100
 173 22.7 5.4 45.4
 215 46.4 27.9 67.9



#70
 Pentachlorophenol
 Concen: 17.926 ng
 RT: 16.886 min Scan# 2363
 Delta R.T. -0.000 min
 Lab File: BM042683.D
 Acq: 09 Nov 2023 22:10

Tgt Ion:266 Resp: 41508
 Ion Ratio Lower Upper
 266 100
 268 65.0 51.7 77.5
 264 59.7 49.4 74.2





#71

Phenanthrene

Concen: 17.904 ng

RT: 17.298 min Scan# 2412

Delta R.T. -0.000 min

Lab File: BM042683.D

Acq: 09 Nov 2023 22:10

Instrument :

BNA_M

ClientSampleId :

OR-3-110623MSD

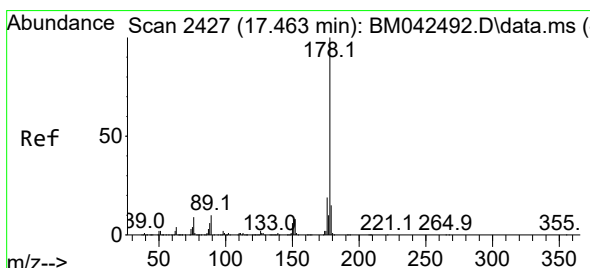
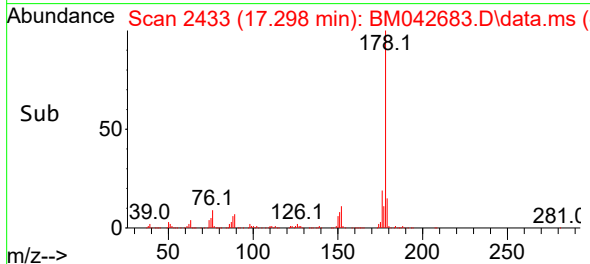
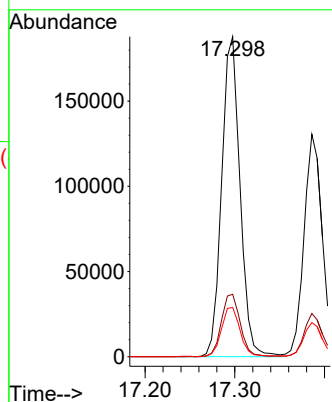
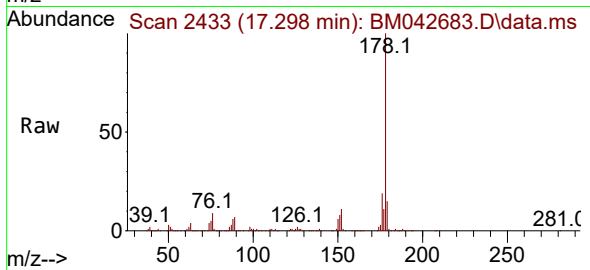
Tgt Ion:178 Resp: 266386

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

179 15.4 12.2 18.4



#72

Anthracene

Concen: 12.903 ng

RT: 17.386 min Scan# 2448

Delta R.T. -0.006 min

Lab File: BM042683.D

Acq: 09 Nov 2023 22:10

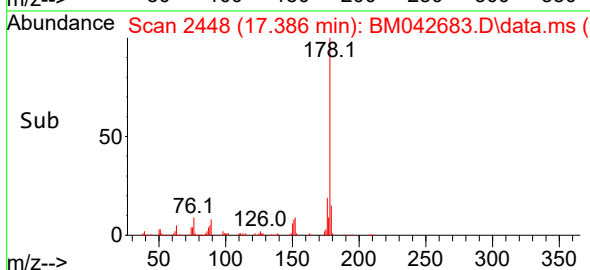
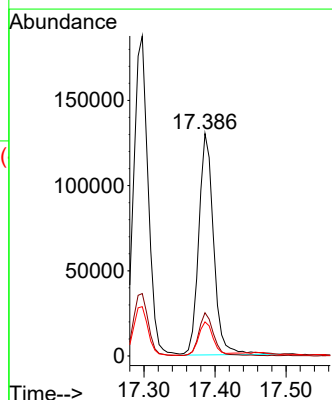
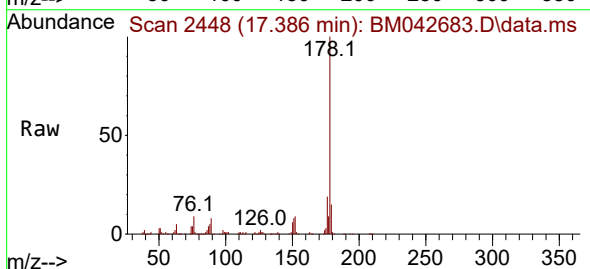
Tgt Ion:178 Resp: 190159

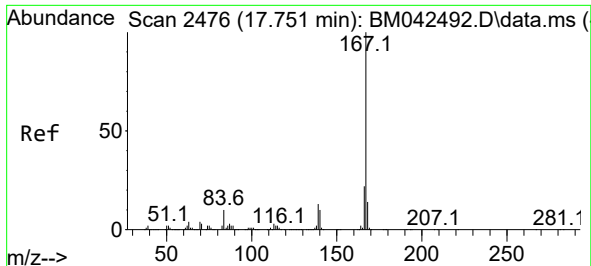
Ion Ratio Lower Upper

178 100

176 19.5 15.2 22.8

179 15.4 12.3 18.5

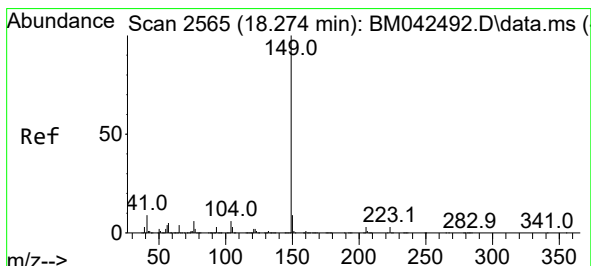
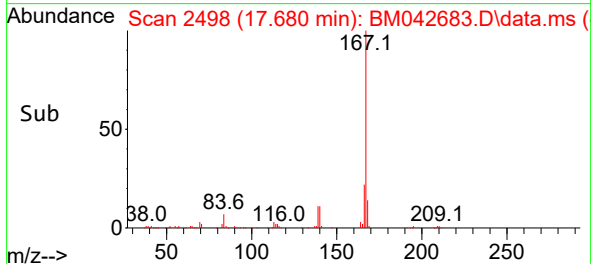
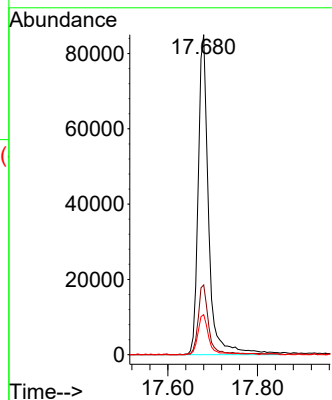
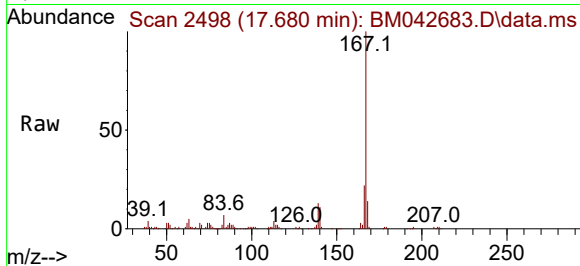




#73
 Carbazole
 Concen: 11.456 ng
 RT: 17.680 min Scan# 2476
 Delta R.T. -0.000 min
 Lab File: BM042683.D
 Acq: 09 Nov 2023 22:10

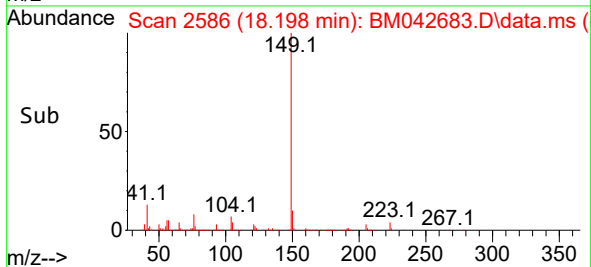
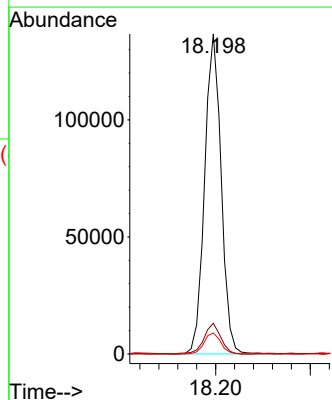
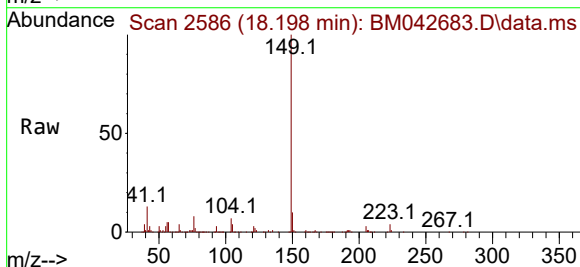
Instrument :
 BNA_M
 ClientSampleId :
 OR-3-110623MSD

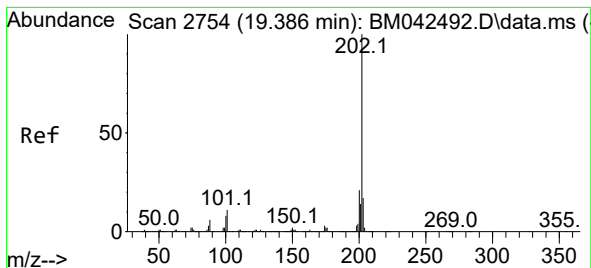
Tgt Ion:167 Resp: 137349
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.2
 139 12.5 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 9.791 ng
 RT: 18.198 min Scan# 2586
 Delta R.T. -0.000 min
 Lab File: BM042683.D
 Acq: 09 Nov 2023 22:10

Tgt Ion:149 Resp: 164844
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.0 10.6
 104 6.5 4.6 6.8





#75

Fluoranthene

Concen: 30.913 ng

RT: 19.309 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042683.D

Acq: 09 Nov 2023 22:10

Instrument :

BNA_M

ClientSampleId :

OR-3-110623MSD

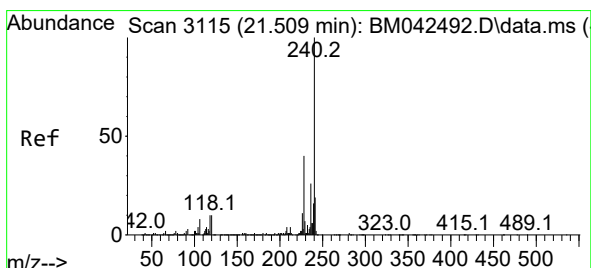
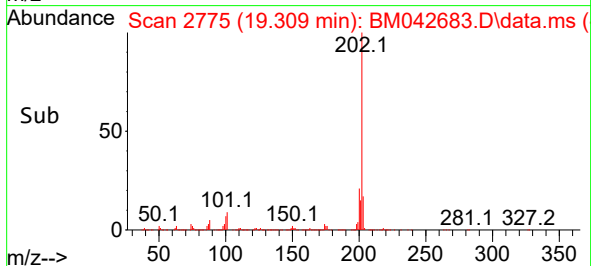
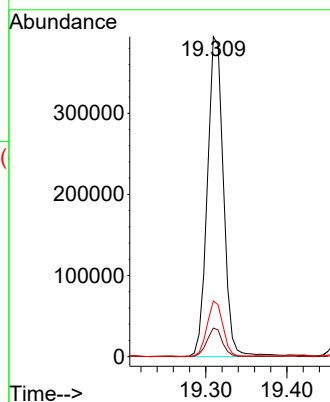
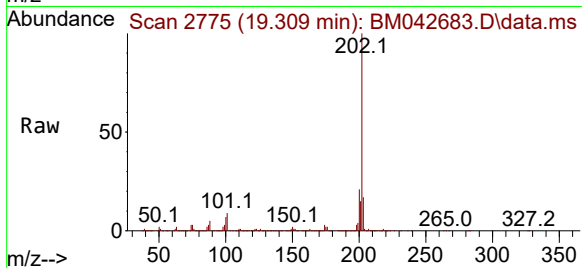
Tgt Ion:202 Resp: 540293

Ion Ratio Lower Upper

202 100

101 9.0 0.0 30.5

203 17.4 0.0 37.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.439 min Scan# 3137

Delta R.T. -0.000 min

Lab File: BM042683.D

Acq: 09 Nov 2023 22:10

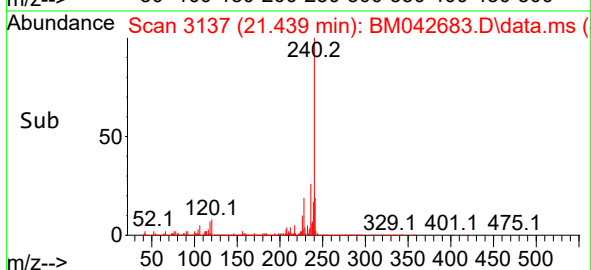
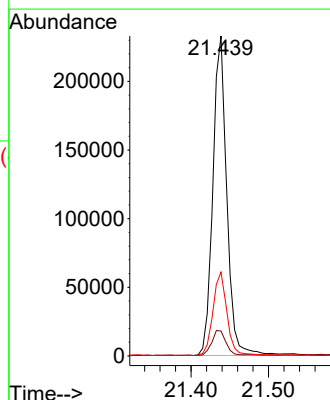
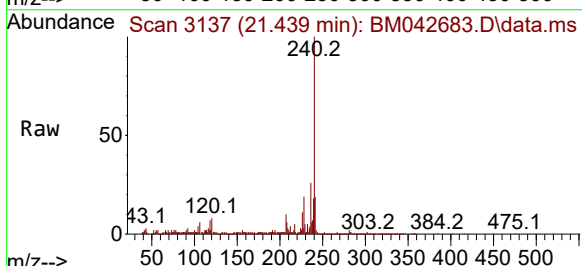
Tgt Ion:240 Resp: 290485

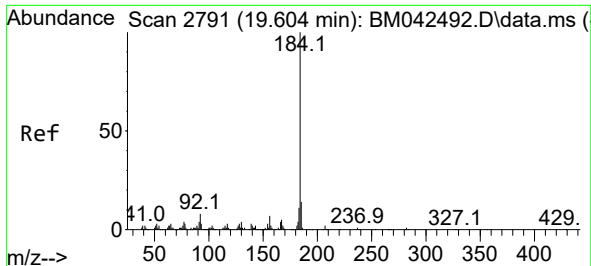
Ion Ratio Lower Upper

240 100

120 7.8 8.3 12.5#

236 26.2 20.8 31.2

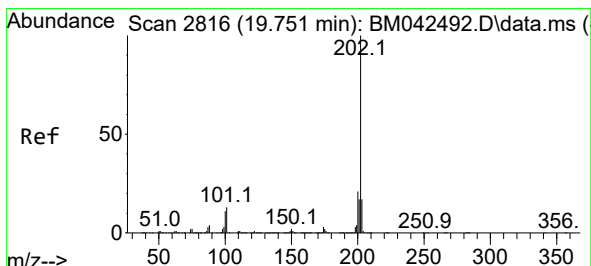
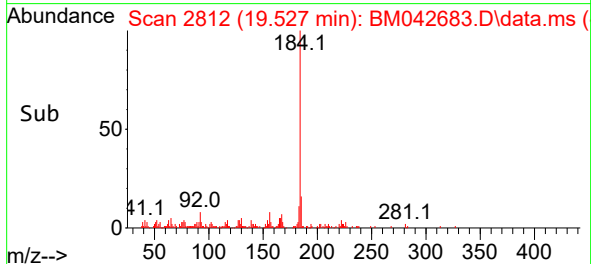
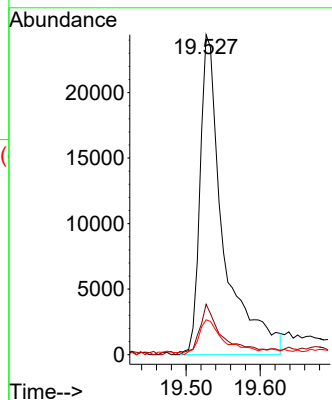
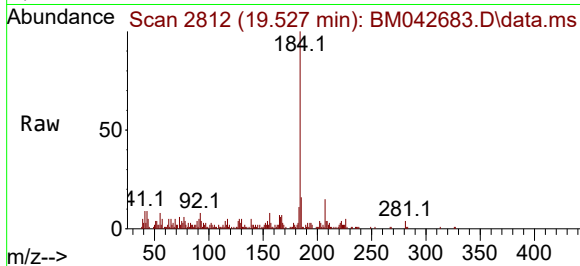




#77
Benzidine
Concen: 19.208 ng
RT: 19.527 min Scan# 2791
Delta R.T. -0.006 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

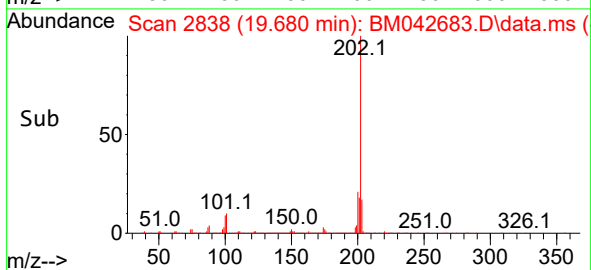
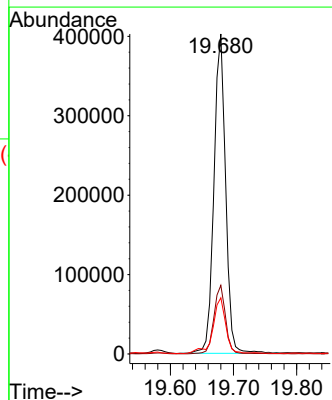
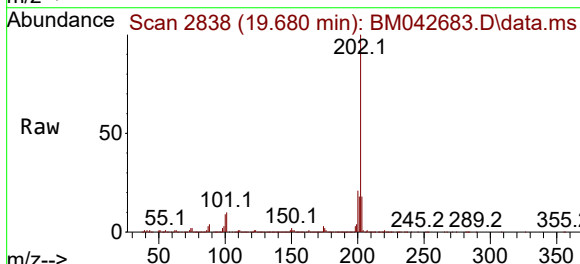
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MSD

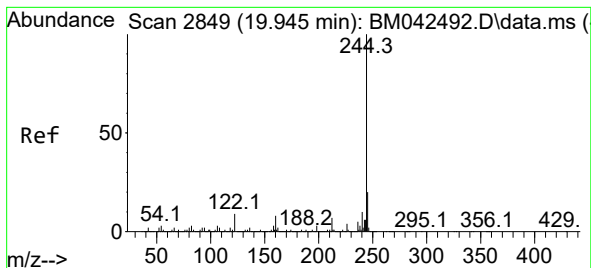
Tgt Ion:184 Resp: 53521
Ion Ratio Lower Upper
184 100
185 15.7 11.2 16.8
183 10.9 9.0 13.4



#78
Pyrene
Concen: 25.878 ng
RT: 19.680 min Scan# 2838
Delta R.T. -0.000 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

Tgt Ion:202 Resp: 516188
Ion Ratio Lower Upper
202 100
200 21.4 16.9 25.3
203 17.6 13.7 20.5





#79

Terphenyl-d14

Concen: 11.073 ng

RT: 19.868 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042683.D

Acq: 09 Nov 2023 22:10

Instrument :

BNA_M

ClientSampleId :

OR-3-110623MSD

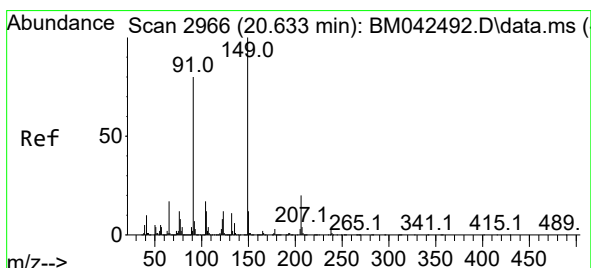
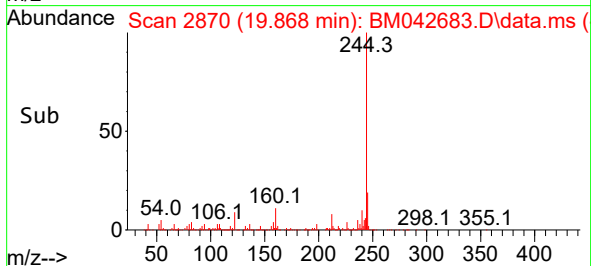
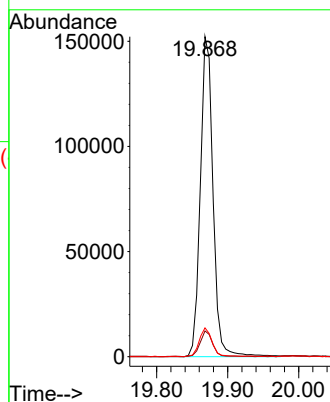
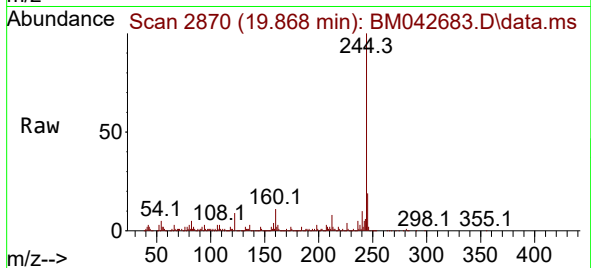
Tgt Ion:244 Resp: 189706

Ion Ratio Lower Upper

244 100

212 8.0 5.4 8.2

122 9.0 7.2 10.8



#80

Butylbenzylphthalate

Concen: 9.519 ng

RT: 20.562 min Scan# 2988

Delta R.T. -0.000 min

Lab File: BM042683.D

Acq: 09 Nov 2023 22:10

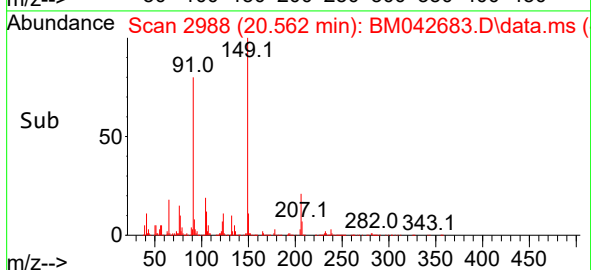
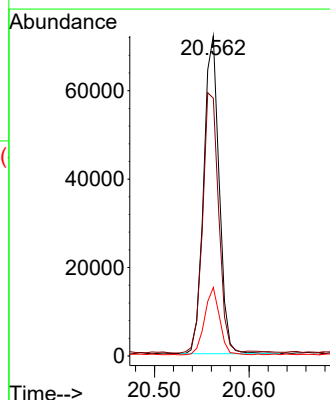
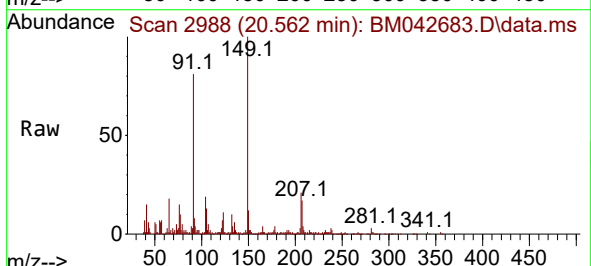
Tgt Ion:149 Resp: 81095

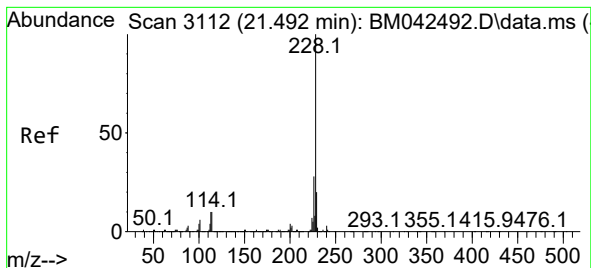
Ion Ratio Lower Upper

149 100

91 80.6 64.2 96.4

206 21.4 16.1 24.1





#81

Benzo(a)anthracene

Concen: 20.340 ng

RT: 21.421 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BM042683.D

Acq: 09 Nov 2023 22:10

Instrument :

BNA_M

ClientSampleId :

OR-3-110623MSD

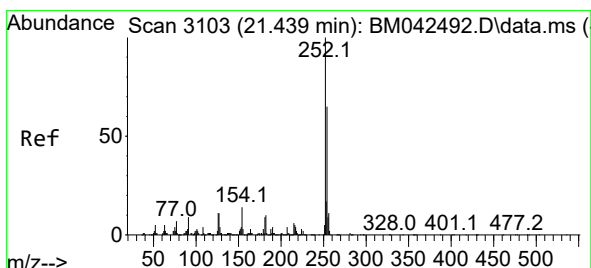
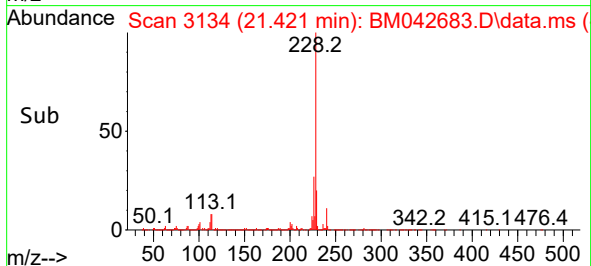
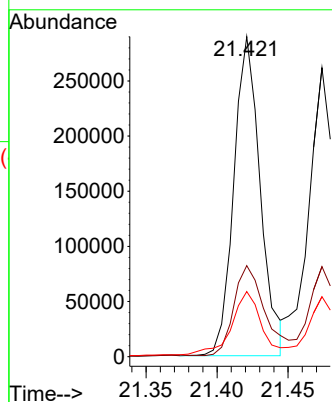
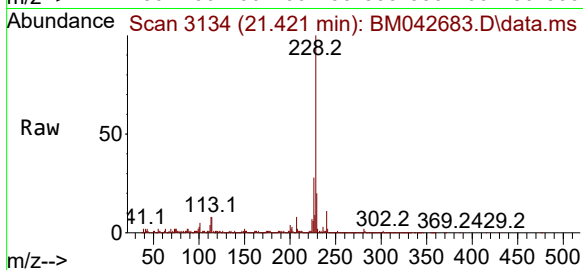
Tgt Ion:228 Resp: 375920

Ion Ratio Lower Upper

228 100

226 28.5 22.3 33.5

229 20.3 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 11.147 ng

RT: 21.368 min Scan# 3125

Delta R.T. -0.006 min

Lab File: BM042683.D

Acq: 09 Nov 2023 22:10

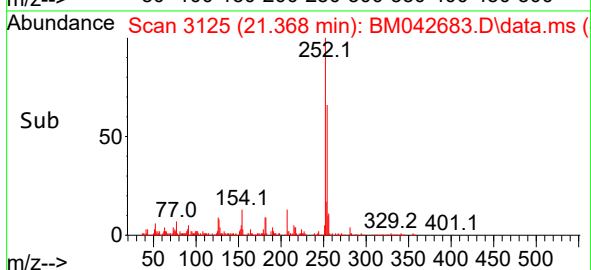
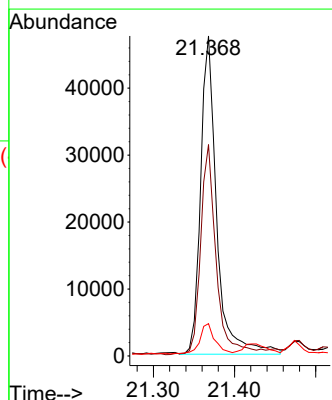
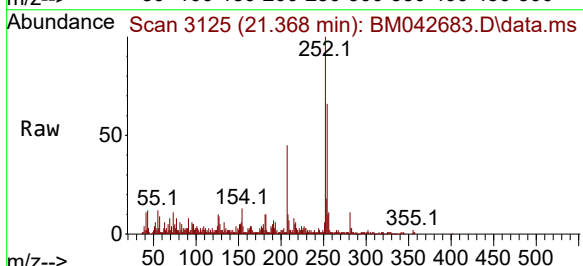
Tgt Ion:252 Resp: 65479

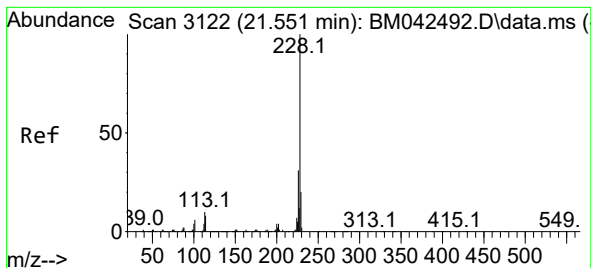
Ion Ratio Lower Upper

252 100

254 66.0 52.2 78.4

126 10.1 8.9 13.3





#83

Chrysene

Concen: 18.478 ng

RT: 21.474 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM042683.D

Acq: 09 Nov 2023 22:10

Instrument :

BNA_M

ClientSampleId :

OR-3-110623MSD

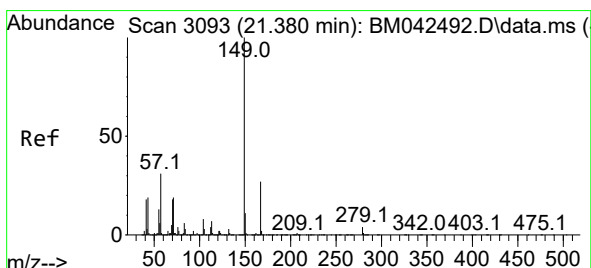
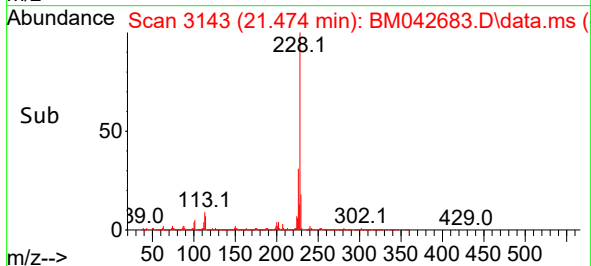
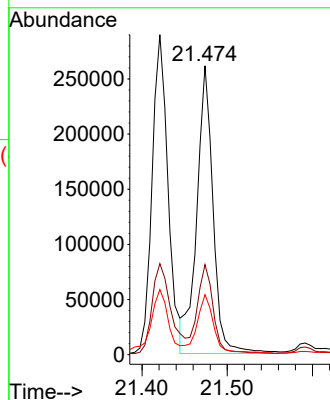
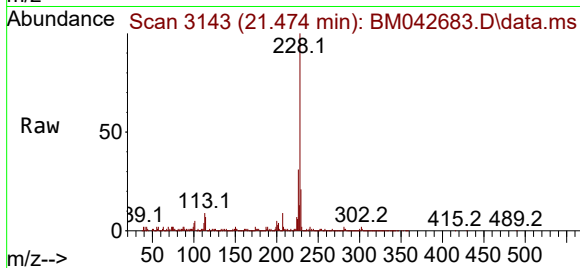
Tgt Ion:228 Resp: 346907

Ion Ratio Lower Upper

228 100

226 31.2 24.4 36.6

229 20.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.380 ng

RT: 21.303 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM042683.D

Acq: 09 Nov 2023 22:10

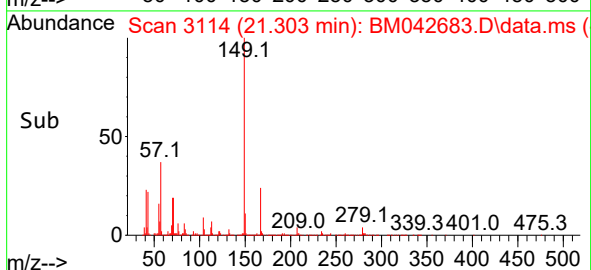
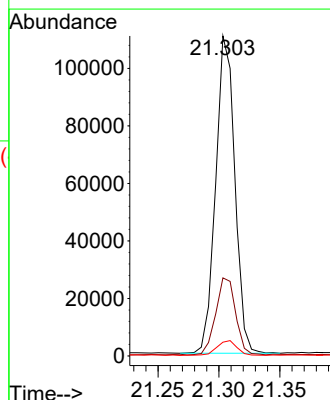
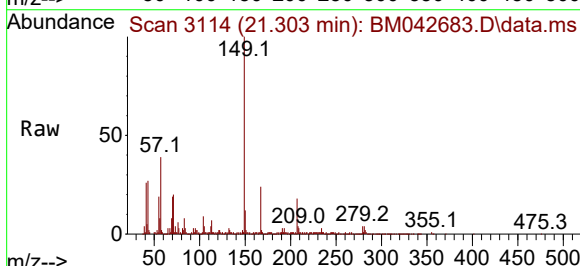
Tgt Ion:149 Resp: 120775

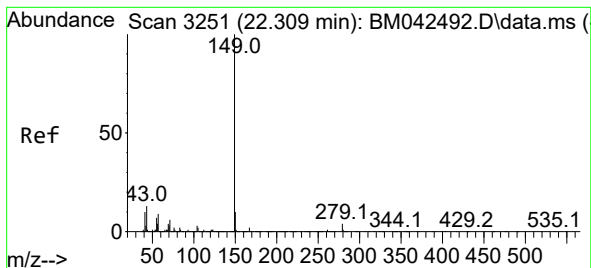
Ion Ratio Lower Upper

149 100

167 24.4 21.4 32.0

279 4.3 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 9.436 ng

RT: 22.221 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM042683.D

Acq: 09 Nov 2023 22:10

Instrument :

BNA_M

ClientSampleId :

OR-3-110623MSD

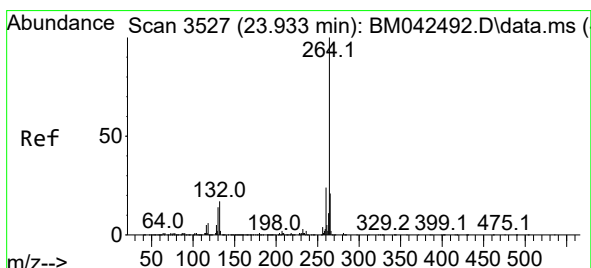
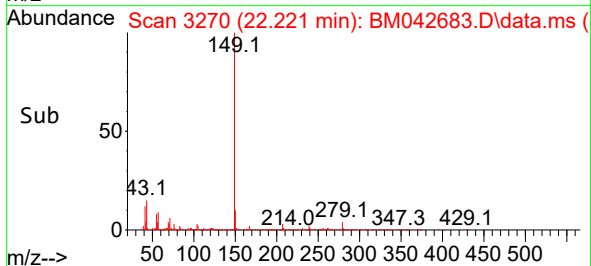
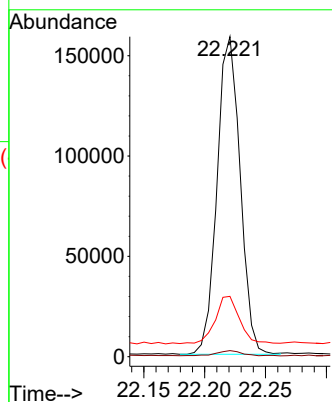
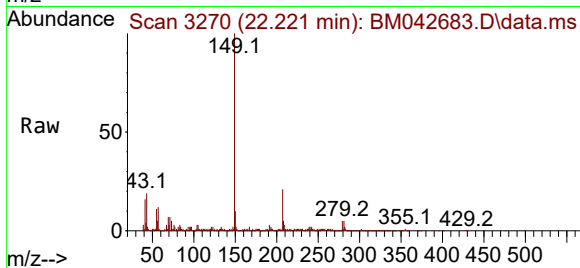
Tgt Ion:149 Resp: 209115

Ion Ratio Lower Upper

149 100

167 1.9 1.2 1.8#

43 15.6 10.2 15.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.815 min Scan# 3541

Delta R.T. -0.000 min

Lab File: BM042683.D

Acq: 09 Nov 2023 22:10

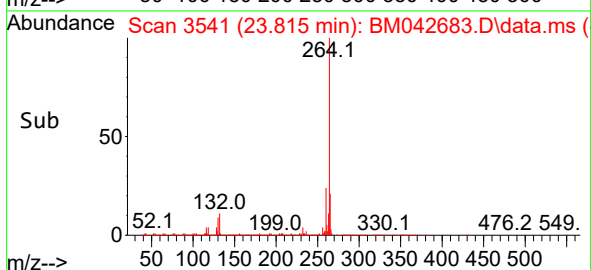
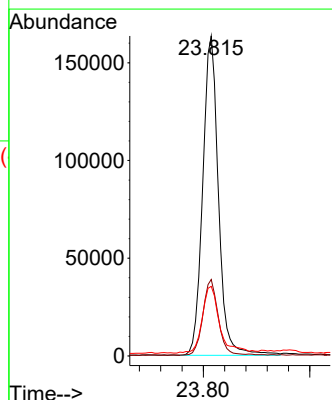
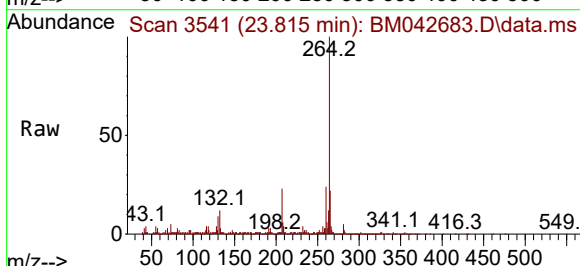
Tgt Ion:264 Resp: 334626

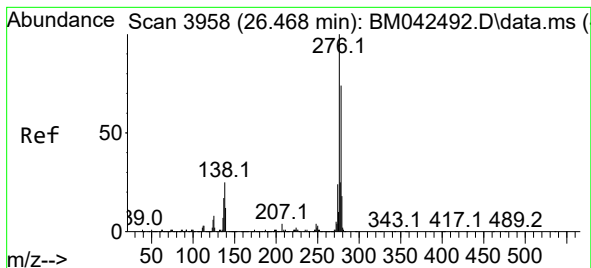
Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.4

265 21.8 18.7 28.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 15.626 ng

RT: 26.297 min Scan# 3416

Delta R.T. -0.006 min

Lab File: BM042683.D

Acq: 09 Nov 2023 22:10

Instrument :

BNA_M

ClientSampleId :

OR-3-110623MSD

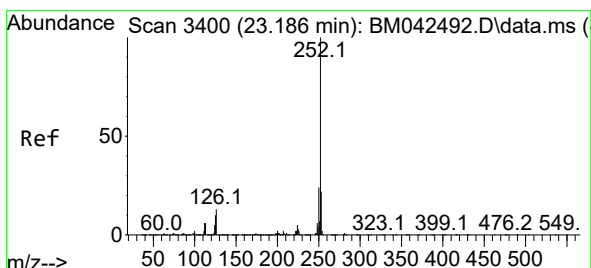
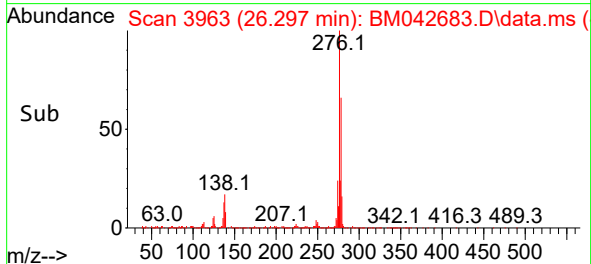
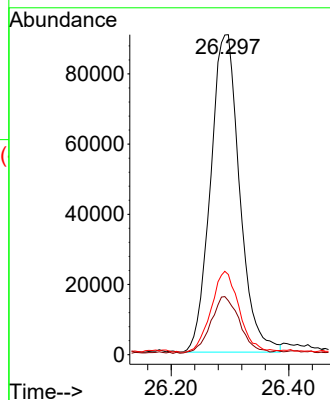
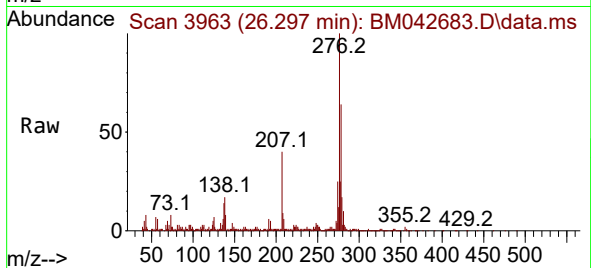
Tgt Ion:276 Resp: 311208

Ion Ratio Lower Upper

276 100

138 17.7 20.6 31.0#

277 24.6 19.5 29.3



#88

Benzo(b)fluoranthene

Concen: 21.667 ng

RT: 23.080 min Scan# 3416

Delta R.T. -0.006 min

Lab File: BM042683.D

Acq: 09 Nov 2023 22:10

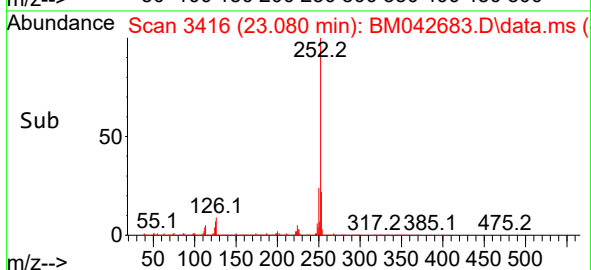
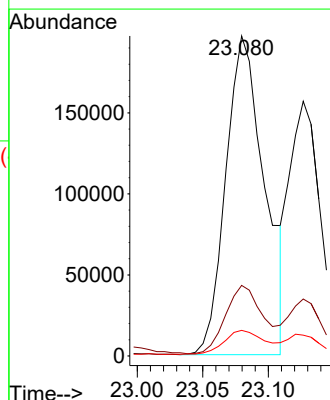
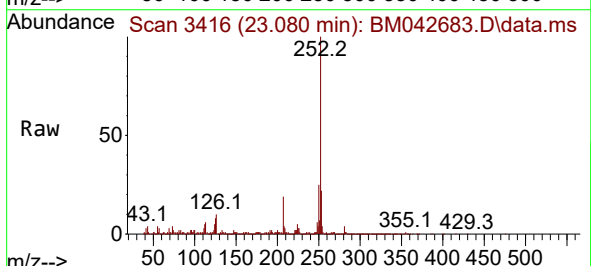
Tgt Ion:252 Resp: 403925

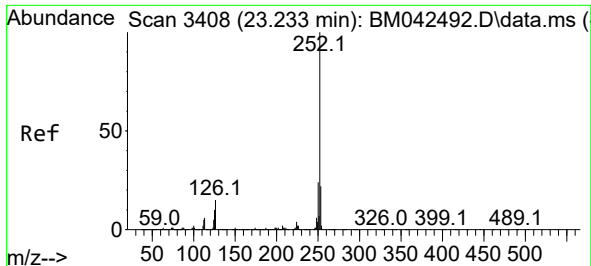
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 8.0 7.8 11.6

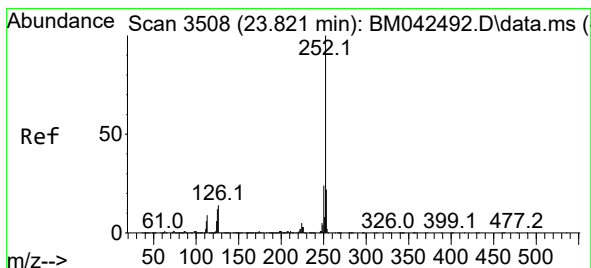
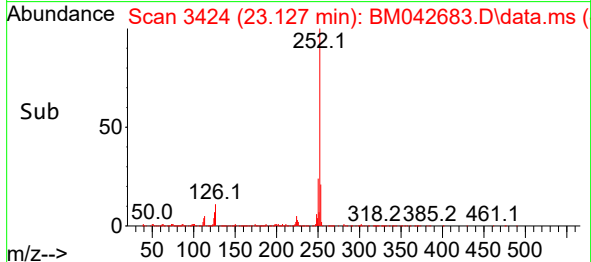
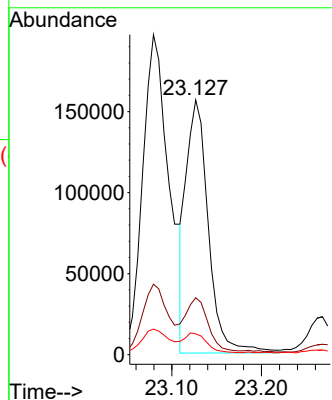
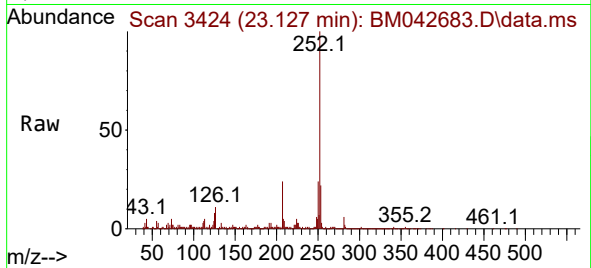




#89
Benzo(k)fluoranthene
Concen: 12.965 ng
RT: 23.127 min Scan# 34
Delta R.T. -0.012 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

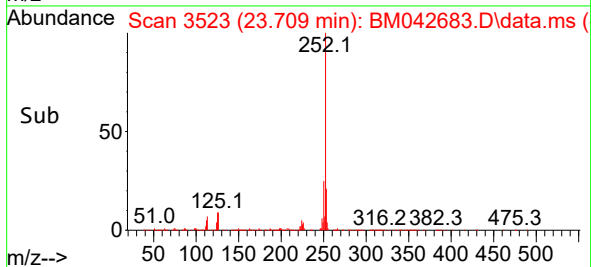
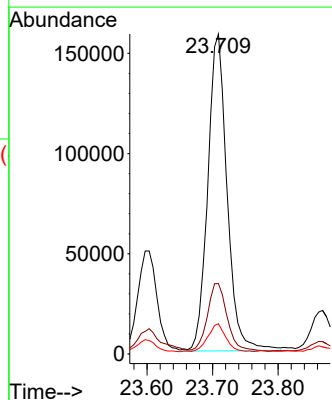
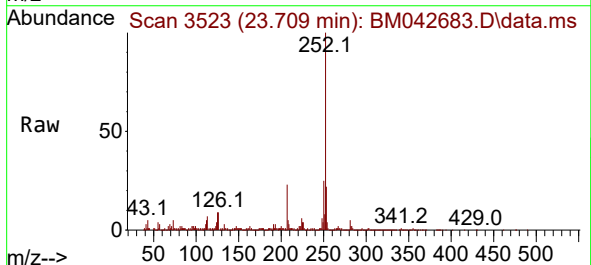
Instrument :
BNA_M
ClientSampleId :
OR-3-110623MSD

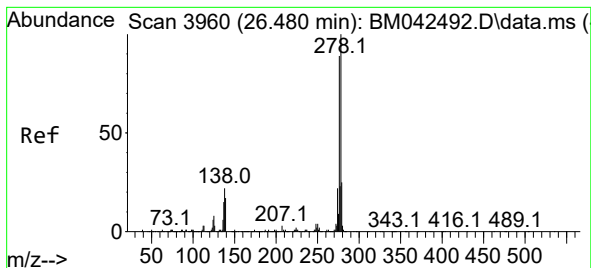
Tgt Ion:252 Resp: 269337
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 8.2 8.2 12.4#



#90
Benzo(a)pyrene
Concen: 17.645 ng
RT: 23.709 min Scan# 3523
Delta R.T. -0.006 min
Lab File: BM042683.D
Acq: 09 Nov 2023 22:10

Tgt Ion:252 Resp: 323855
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.4 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 13.766 ng

RT: 26.309 min Scan# 3965

Delta R.T. -0.006 min

Lab File: BM042683.D

Acq: 09 Nov 2023 22:10

Instrument :

BNA_M

ClientSampleId :

OR-3-110623MSD

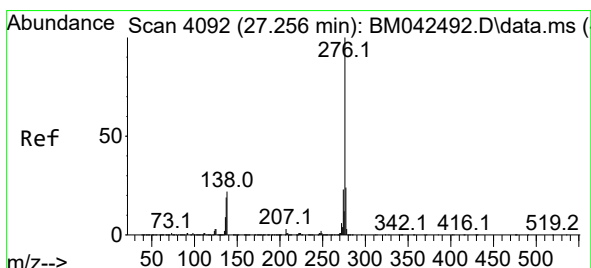
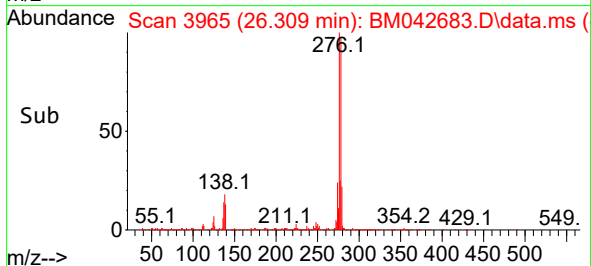
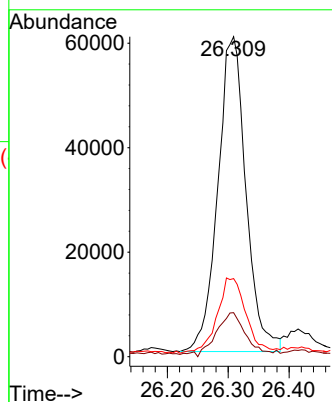
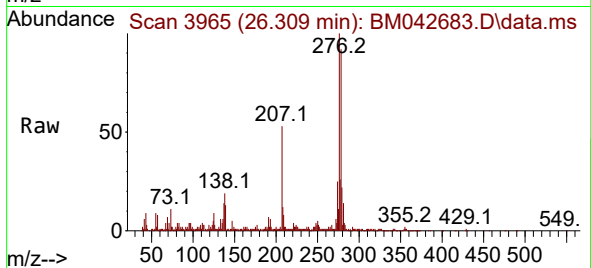
Tgt Ion:278 Resp: 193718

Ion Ratio Lower Upper

278 100

139 13.8 13.4 20.2

279 24.4 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 15.307 ng

RT: 27.068 min Scan# 4094

Delta R.T. -0.012 min

Lab File: BM042683.D

Acq: 09 Nov 2023 22:10

Tgt Ion:276 Resp: 268689

Ion Ratio Lower Upper

276 100

277 24.1 19.2 28.8

138 16.1 17.3 25.9#

