

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110423\
 Data File : BM042594.D
 Acq On : 04 Nov 2023 16:41
 Operator : MA/JU
 Sample : 05234-03MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-BMSD

Quant Time: Nov 06 01:46:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:52:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	43456	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	159974	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	96844	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	226848	20.000	ng	0.00
76) Chrysene-d12	21.503	240	229279	20.000	ng	0.00
86) Perylene-d12	23.921	264	258954	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	356255	132.307	ng	0.01
7) Phenol-d6	7.081	99	451568	122.282	ng	0.00
23) Nitrobenzene-d5	9.116	82	316455	92.215	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	209117	165.391	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	642409	89.260	ng	0.00
79) Terphenyl-d14	19.933	244	1159160	85.724	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.304	88	50506	39.358	ng	# 94
3) Pyridine	3.728	79	132933	36.112	ng	96
4) n-Nitrosodimethylamine	3.657	42	103531	58.442	ng	# 79
6) Aniline	7.257	93	124079	26.433	ng	97
8) 2-Chlorophenol	7.469	128	148538	51.160	ng	99
9) Benzaldehyde	7.075	77	39019	18.333	ng	95
10) Phenol	7.110	94	189077	50.414	ng	91
11) bis(2-Chloroethyl)ether	7.351	93	145501	45.858	ng	99
12) 1,3-Dichlorobenzene	7.792	146	165991	52.899	ng	99
13) 1,4-Dichlorobenzene	7.951	146	169865	53.489	ng	99
14) 1,2-Dichlorobenzene	8.257	146	161322	52.615	ng	100
15) Benzyl Alcohol	8.181	79	146131	55.895	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.428	45	121847	24.132	ng	98
17) 2-Methylphenol	8.369	107	123407	46.470	ng	97
18) Hexachloroethane	8.975	117	64715	52.081	ng	# 89
19) n-Nitroso-di-n-propyla...	8.734	70	121921	46.671	ng	94
20) 3+4-Methylphenols	8.698	107	163751	46.121	ng	97
22) Acetophenone	8.769	105	223079	55.291	ng	# 97
24) Nitrobenzene	9.157	77	187902	55.591	ng	99
25) Isophorone	9.669	82	320695	52.798	ng	99
26) 2-Nitrophenol	9.857	139	77878	53.728	ng	95
27) 2,4-Dimethylphenol	9.904	122	114828	49.417	ng	93
28) bis(2-Chloroethoxy)met...	10.151	93	182603	49.900	ng	99
29) 2,4-Dichlorophenol	10.380	162	142211	61.853	ng	98
30) 1,2,4-Trichlorobenzene	10.586	180	158119	62.753	ng	98
31) Naphthalene	10.786	128	439781	53.209	ng	99
32) Benzoic acid	10.069	122	105805	55.300	ng	92
33) 4-Chloroaniline	10.928	127	78077	24.227	ng	98
34) Hexachlorobutadiene	11.004	225	108912	71.192	ng	99
35) Caprolactam	11.763	113	41157	50.948	ng	95
36) 4-Chloro-3-methylphenol	12.033	107	143339	54.780	ng	98
37) 2-Methylnaphthalene	12.392	142	293493	50.421	ng	96
38) 1-Methylnaphthalene	12.610	142	286866	52.358	ng	99
40) 1,2,4,5-Tetrachloroben...	12.739	216	182379	63.037	ng	99
41) Hexachlorocyclopentadiene	12.680	237	78828	48.082	ng	98
43) 2,4,6-Trichlorophenol	13.004	196	118511	63.953	ng	99

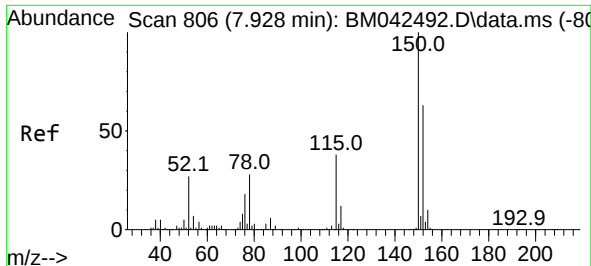
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 QLast Update : Fri Nov 03 15:52:20 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.080	196	128744	58.384	ng	95
46) 1,1'-Biphenyl	13.404	154	405422	54.765	ng	98
47) 2-Chloronaphthalene	13.451	162	309699	57.026	ng	99
48) 2-Nitroaniline	13.692	65	107507	48.982	ng	96
49) Acenaphthylene	14.298	152	504974	56.144	ng	100
50) Dimethylphthalate	14.033	163	384062	53.060	ng	99
51) 2,6-Dinitrotoluene	14.180	165	82436	55.261	ng	98
52) Acenaphthene	14.633	154	283598	51.954	ng	99
53) 3-Nitroaniline	14.521	138	64135	39.214	ng	98
54) 2,4-Dinitrophenol	14.733	184	32772	35.708	ng	96
55) Dibenzofuran	14.968	168	484351	54.574	ng	100
56) 4-Nitrophenol	14.827	139	141297	102.129	ng	92
57) 2,4-Dinitrotoluene	14.968	165	115073	50.664	ng	96
58) Fluorene	15.615	166	396097	55.160	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.186	232	113346	61.026	ng	# 96
60) Diethylphthalate	15.380	149	391192	53.346	ng	99
61) 4-Chlorophenyl-phenyle...	15.604	204	210739	58.090	ng	98
62) 4-Nitroaniline	15.686	138	73287	48.923	ng	# 80
63) Azobenzene	15.904	77	441814	54.675	ng	94
65) 4,6-Dinitro-2-methylph...	15.721	198	24869	20.815	ng	87
66) n-Nitrosodiphenylamine	15.833	169	335798	52.499	ng	98
67) 4-Bromophenyl-phenylether	16.504	248	134234	59.177	ng	97
68) Hexachlorobenzene	16.592	284	157435	62.737	ng	97
69) Atrazine	16.786	200	138468	74.920	ng	94
70) Pentachlorophenol	16.957	266	224114	121.479	ng	99
71) Phenanthrene	17.368	178	623777	52.618	ng	100
72) Anthracene	17.456	178	641582	54.639	ng	99
73) Carbazole	17.745	167	563542	58.995	ng	99
74) Di-n-butylphthalate	18.262	149	727817	54.256	ng	98
75) Fluoranthene	19.380	202	782271	56.175	ng	97
77) Benzidine	19.592	184	190603	86.665	ng	# 90
78) Pyrene	19.745	202	829327	52.676	ng	99
80) Butylbenzylphthalate	20.621	149	350808	52.171	ng	97
81) Benzo(a)anthracene	21.486	228	846705	58.041	ng	99
82) 3,3'-Dichlorobenzidine	21.433	252	159073	34.311	ng	99
83) Chrysene	21.544	228	778518	52.538	ng	100
84) Bis(2-ethylhexyl)phtha...	21.362	149	522467	51.411	ng	99
85) Di-n-octyl phthalate	22.291	149	912684	52.177	ng	98
87) Indeno(1,2,3-cd)pyrene	26.468	276	961203	62.366	ng	# 92
88) Benzo(b)fluoranthene	23.180	252	849053	58.852	ng	# 98
89) Benzo(k)fluoranthene	23.227	252	792693	49.309	ng	# 97
90) Benzo(a)pyrene	23.815	252	718051	50.554	ng	# 97
91) Dibenzo(a,h)anthracene	26.479	278	803429	55.737	ng	# 94
92) Benzo(g,h,i)perylene	27.256	276	768303	56.560	ng	# 95

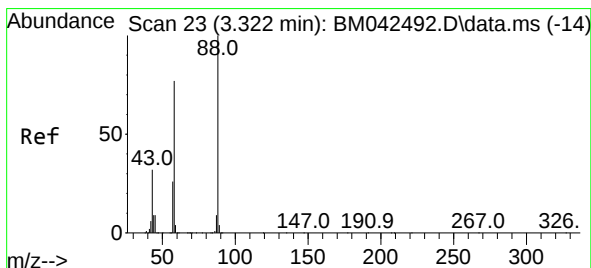
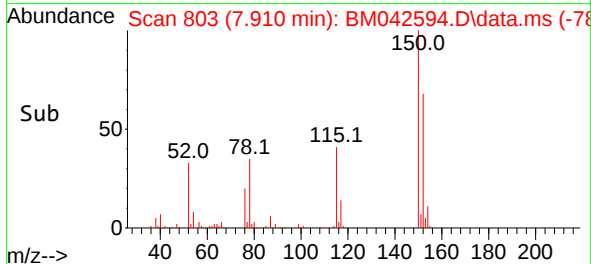
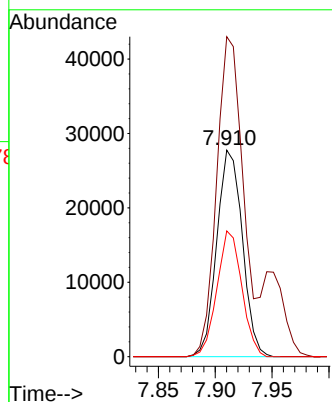
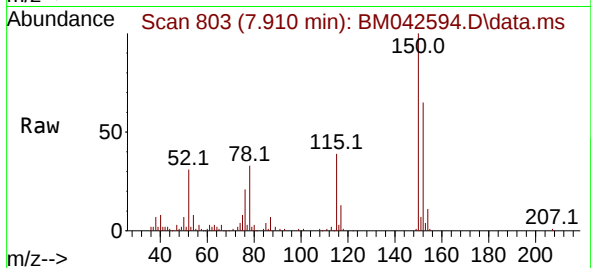
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM042594.D
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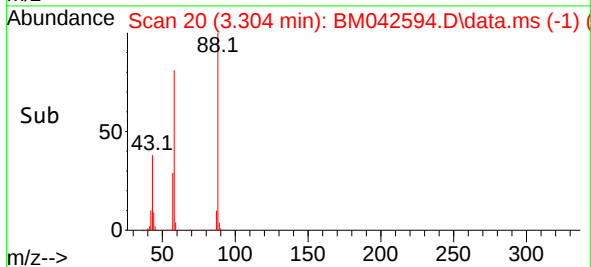
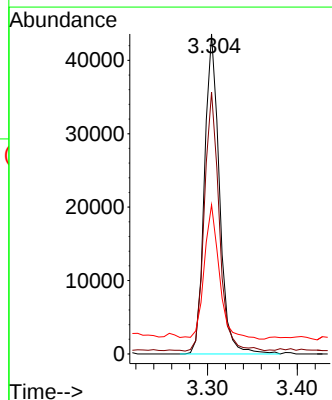
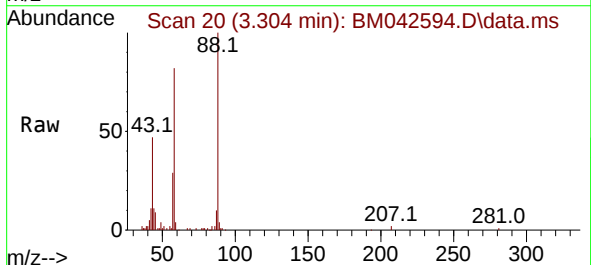
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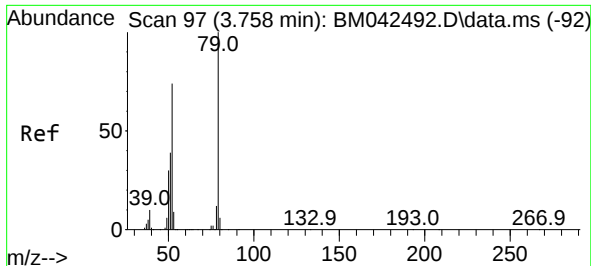
Tgt Ion:152 Resp: 43456
Ion Ratio Lower Upper
152 100
150 154.9 127.4 191.0
115 60.9 47.9 71.9



#2
1,4-Dioxane
Concen: 39.358 ng
RT: 3.304 min Scan# 20
Delta R.T. 0.006 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

Tgt Ion: 88 Resp: 50506
Ion Ratio Lower Upper
88 100
58 80.2 62.6 93.8
43 42.2 26.5 39.7#

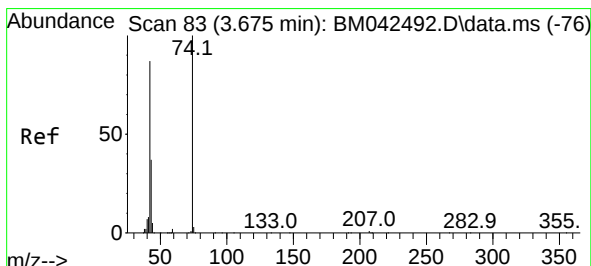
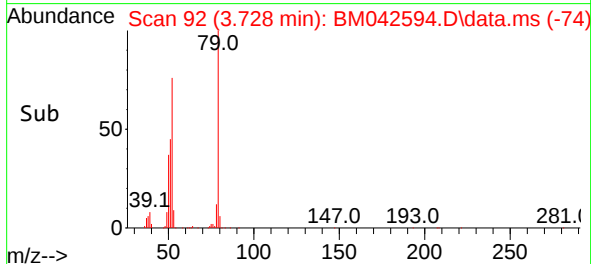
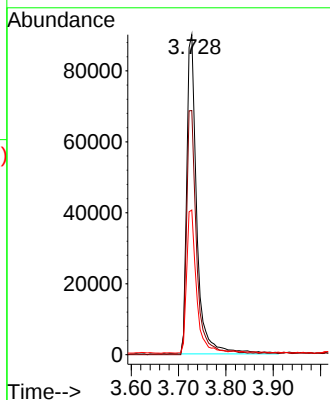
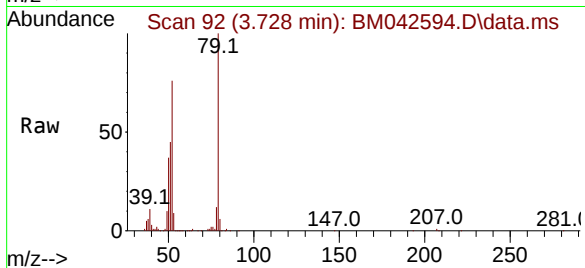




#3
 Pyridine
 Concen: 36.112 ng
 RT: 3.728 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: BM042594.D
 Acq: 04 Nov 2023 16:41

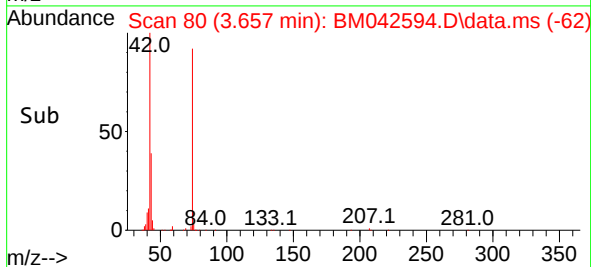
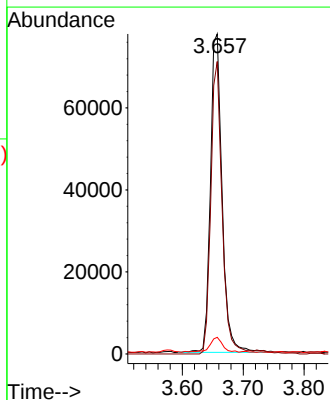
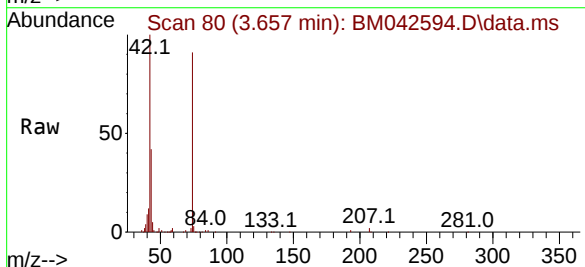
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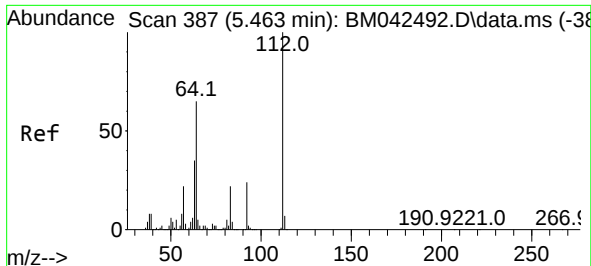
Tgt Ion: 79 Resp: 132933
 Ion Ratio Lower Upper
 79 100
 52 76.3 59.3 88.9
 51 45.2 32.7 49.1



#4
 n-Nitrosodimethylamine
 Concen: 58.442 ng
 RT: 3.657 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: BM042594.D
 Acq: 04 Nov 2023 16:41

Tgt Ion: 42 Resp: 103531
 Ion Ratio Lower Upper
 42 100
 74 91.4 92.2 138.2#
 44 5.2 5.1 7.7

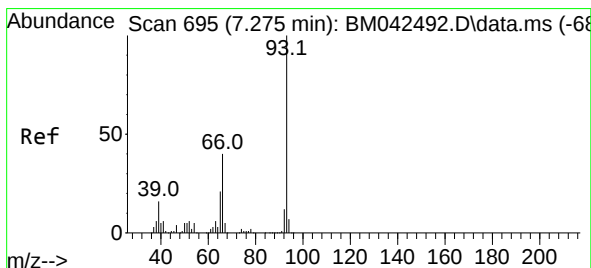
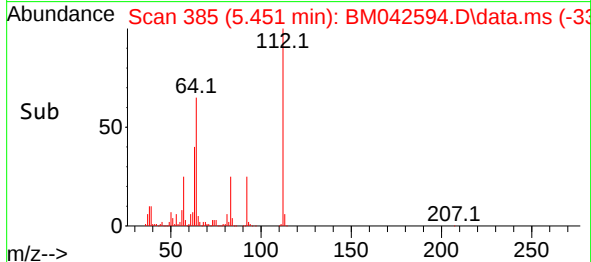
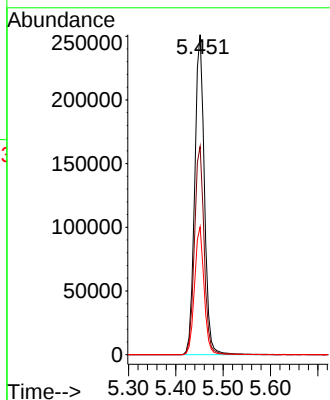
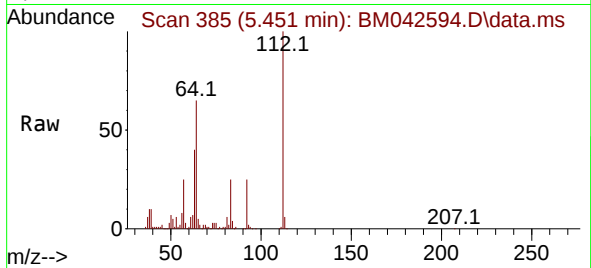




#5
2-Fluorophenol
Concen: 132.307 ng
RT: 5.451 min Scan# 387
Delta R.T. 0.011 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

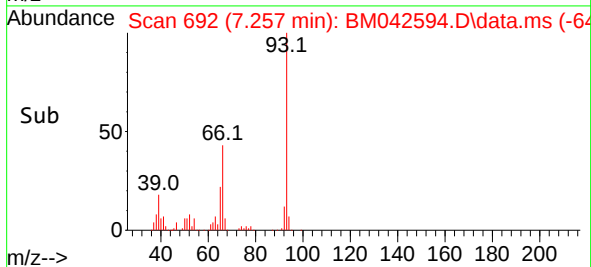
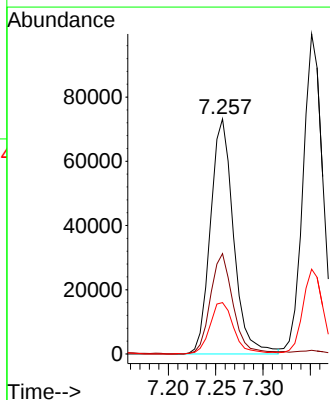
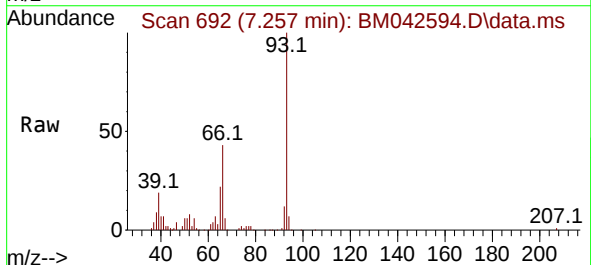
Instrument :
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ClientSampleId :
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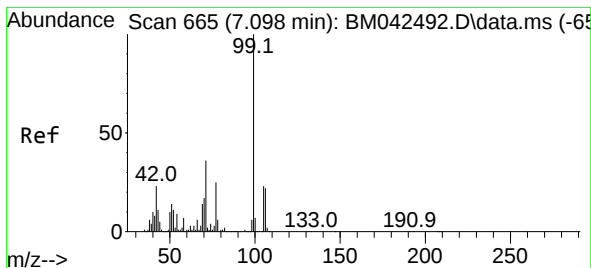
Tgt Ion:112 Resp: 356255
Ion Ratio Lower Upper
112 100
64 65.0 52.1 78.1
63 39.9 28.3 42.5



#6
Aniline
Concen: 26.433 ng
RT: 7.257 min Scan# 692
Delta R.T. 0.006 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

Tgt Ion: 93 Resp: 124079
Ion Ratio Lower Upper
93 100
66 42.7 32.2 48.2
65 21.8 17.0 25.6





#7

Phenol-d6

Concen: 122.282 ng

RT: 7.081 min Scan# 6

Delta R.T. 0.006 min

Lab File: BM042594.D

Acq: 04 Nov 2023 16:41

Instrument :

BNA_M

ClientSampleId :

SP-BMSD

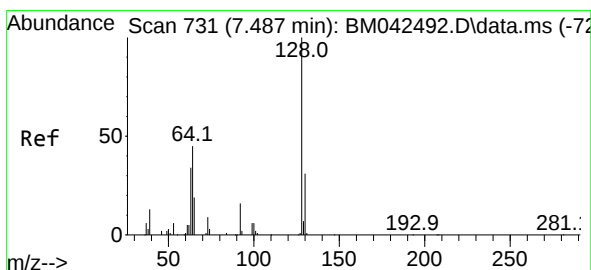
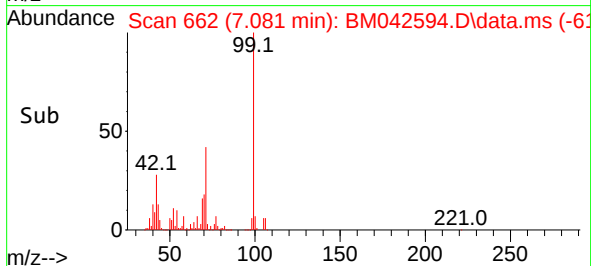
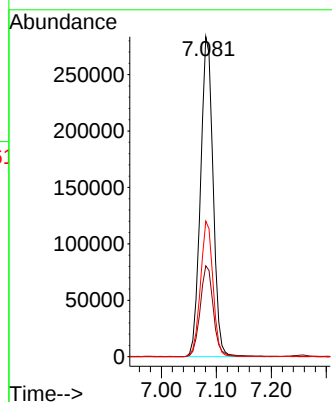
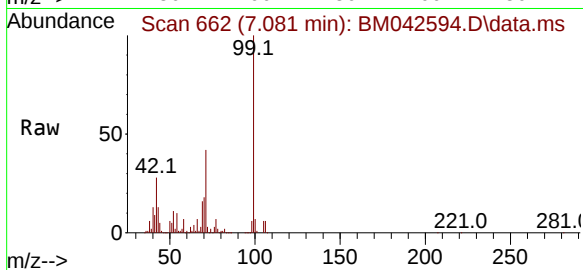
Tgt Ion: 99 Resp: 451568

Ion Ratio Lower Upper

99 100

42 28.4 18.7 28.1#

71 42.4 29.1 43.7



#8

2-Chlorophenol

Concen: 51.160 ng

RT: 7.469 min Scan# 728

Delta R.T. -0.000 min

Lab File: BM042594.D

Acq: 04 Nov 2023 16:41

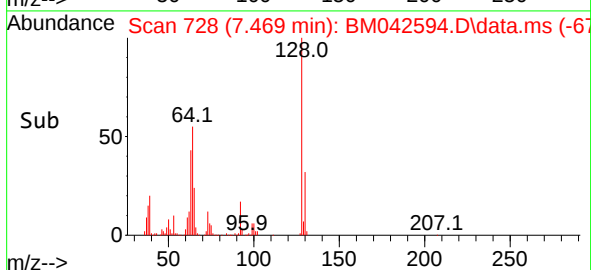
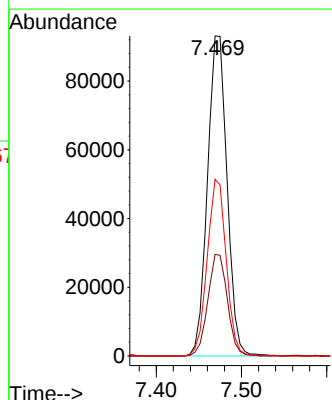
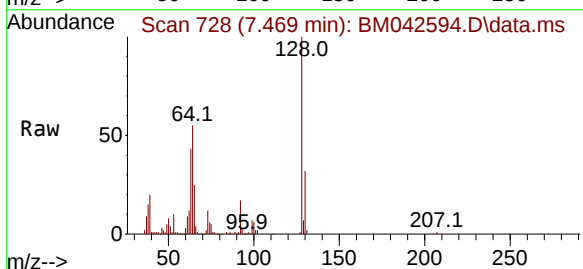
Tgt Ion:128 Resp: 148538

Ion Ratio Lower Upper

128 100

130 31.8 11.2 51.2

64 55.2 34.4 74.4

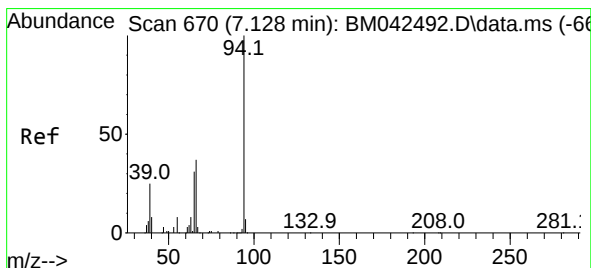
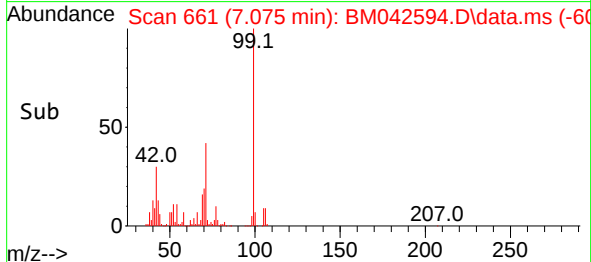
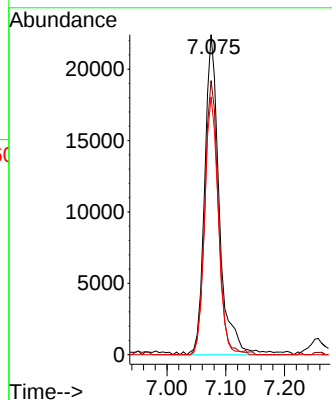
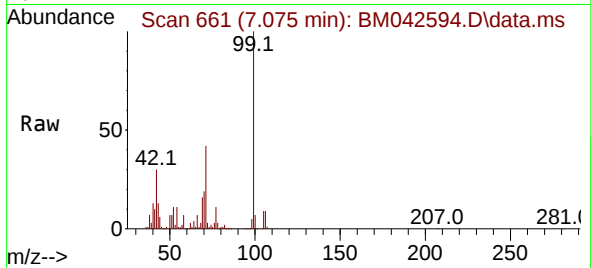




#9
Benzaldehyde
Concen: 18.333 ng
RT: 7.075 min Scan# 661
Delta R.T. 0.006 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

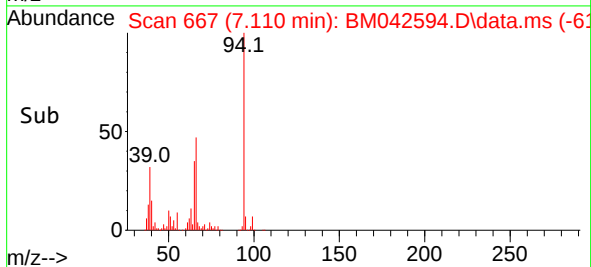
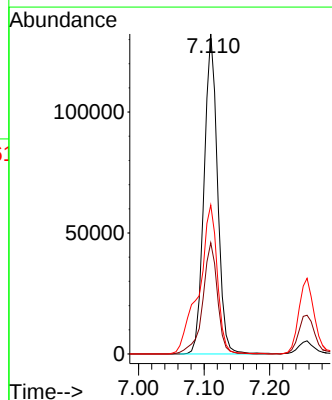
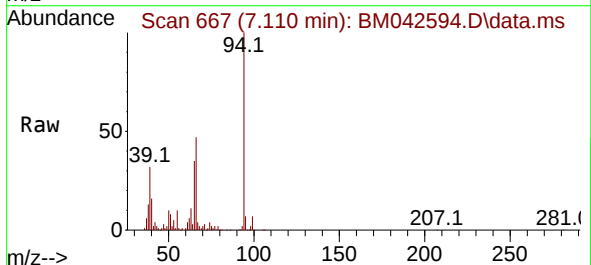
Instrument :
BNA_M
ClientSampleId :
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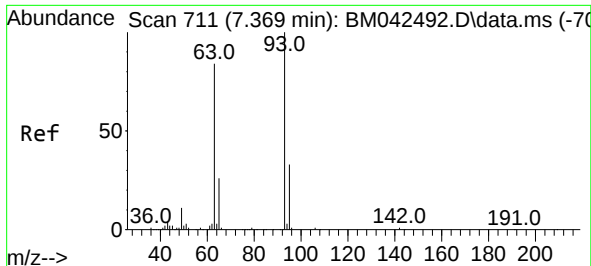
Tgt Ion: 77 Resp: 39019
Ion Ratio Lower Upper
77 100
105 85.7 69.7 109.7
106 80.6 66.4 106.4



#10
Phenol
Concen: 50.414 ng
RT: 7.110 min Scan# 667
Delta R.T. 0.006 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

Tgt Ion: 94 Resp: 189077
Ion Ratio Lower Upper
94 100
65 34.8 11.5 51.5
66 46.5 20.0 60.0

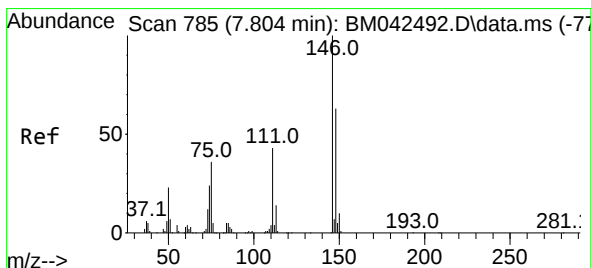
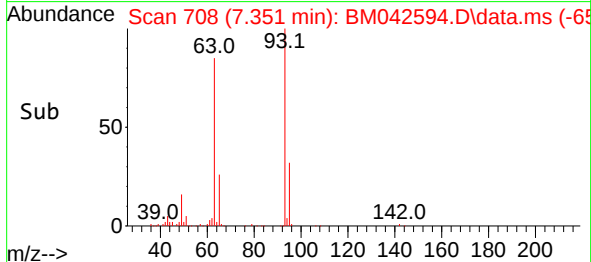
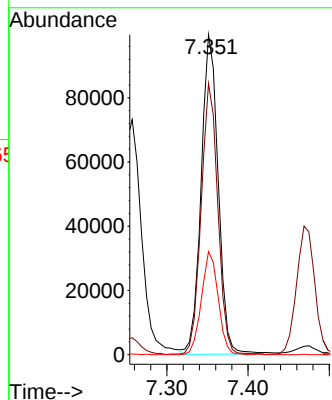
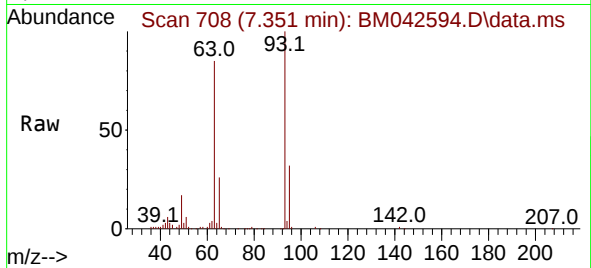




#11
bis(2-Chloroethyl)ether
Concen: 45.858 ng
RT: 7.351 min Scan# 708
Delta R.T. -0.000 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

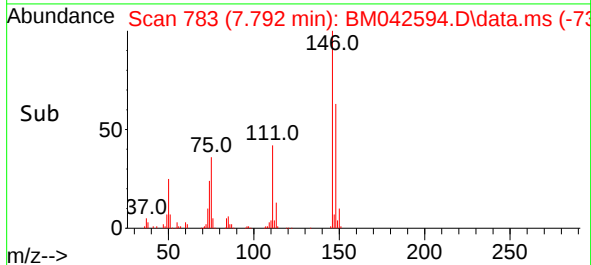
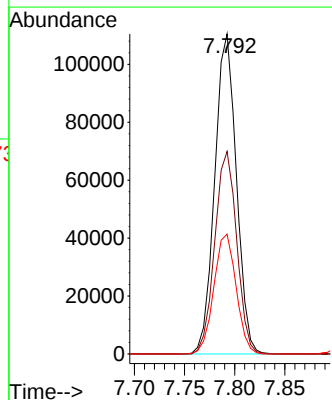
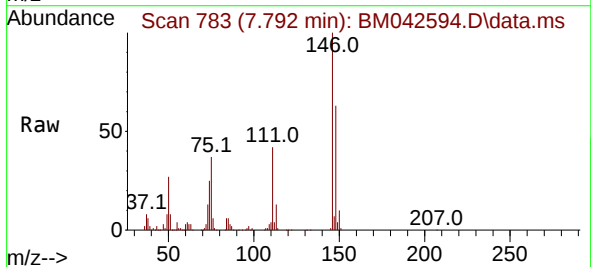
Instrument :
BNA_M
ClientSampleId :
SP-BMSD

Tgt Ion: 93 Resp: 145501
Ion Ratio Lower Upper
93 100
63 84.7 63.2 103.2
95 32.2 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 52.899 ng
RT: 7.792 min Scan# 783
Delta R.T. 0.006 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

Tgt Ion: 146 Resp: 165991
Ion Ratio Lower Upper
146 100
148 63.3 50.4 75.6
75 37.5 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 53.489 ng

RT: 7.951 min Scan# 81

Delta R.T. 0.006 min

Lab File: BM042594.D

Acq: 04 Nov 2023 16:41

Instrument :

BNA_M

ClientSampleId :

SP-BMSD

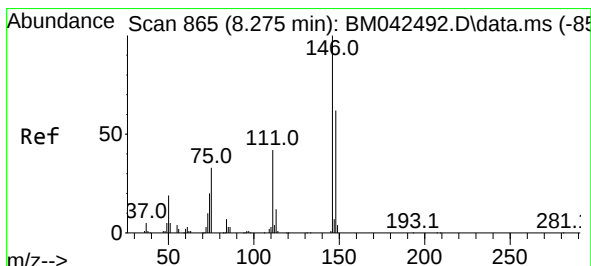
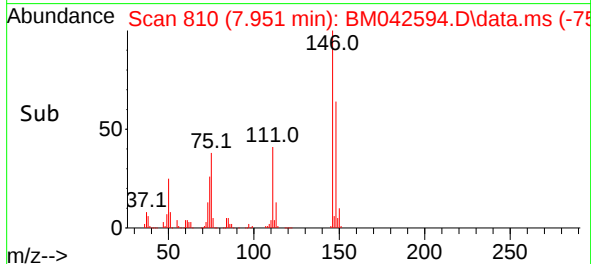
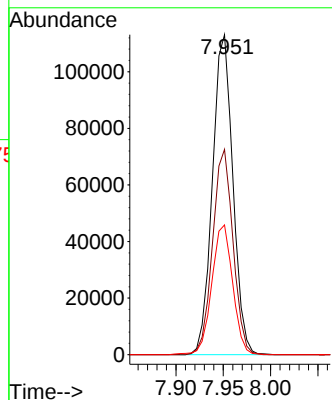
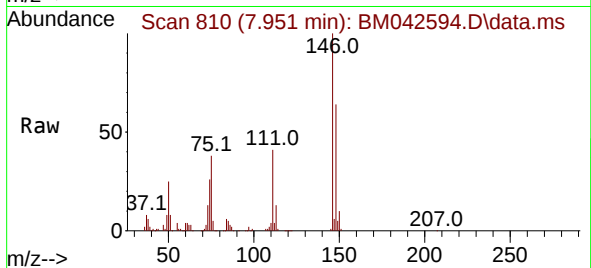
Tgt Ion:146 Resp: 169865

Ion Ratio Lower Upper

146 100

148 64.1 50.0 75.0

111 40.5 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 52.615 ng

RT: 8.257 min Scan# 862

Delta R.T. -0.000 min

Lab File: BM042594.D

Acq: 04 Nov 2023 16:41

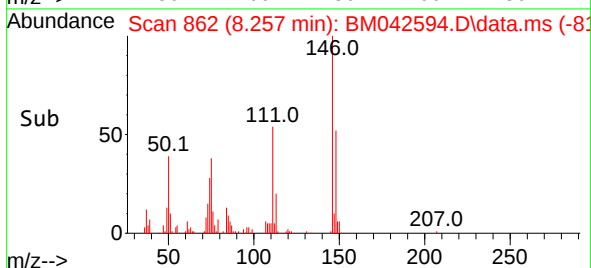
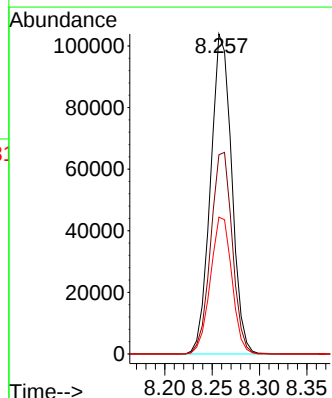
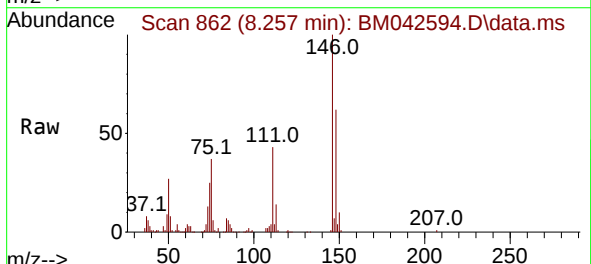
Tgt Ion:146 Resp: 161322

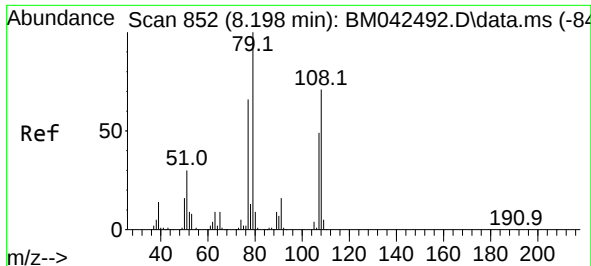
Ion Ratio Lower Upper

146 100

148 62.2 50.0 75.0

111 42.7 34.5 51.7

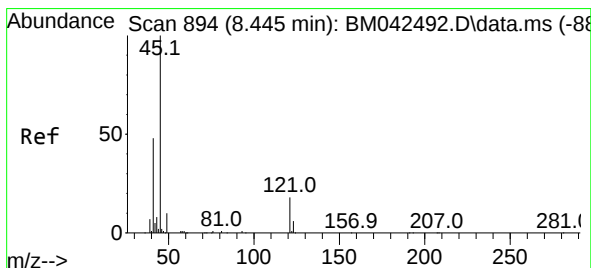
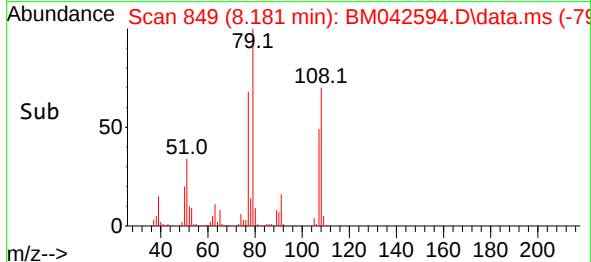
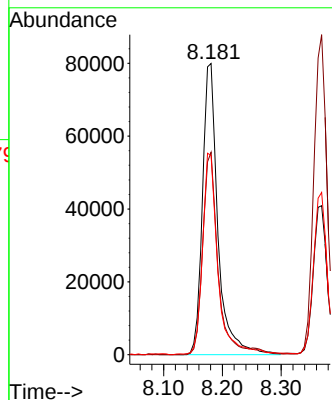
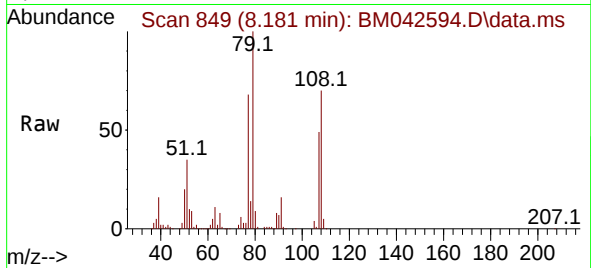




#15
Benzyl Alcohol
Concen: 55.895 ng
RT: 8.181 min Scan# 849
Delta R.T. 0.006 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

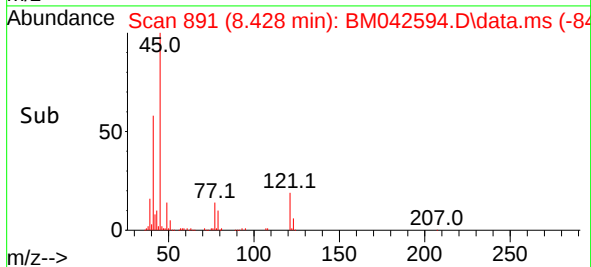
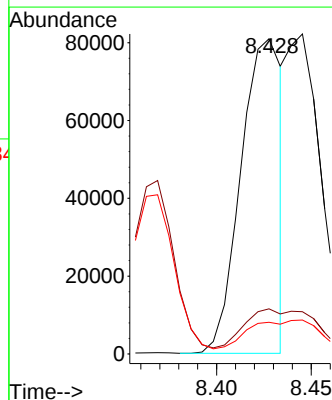
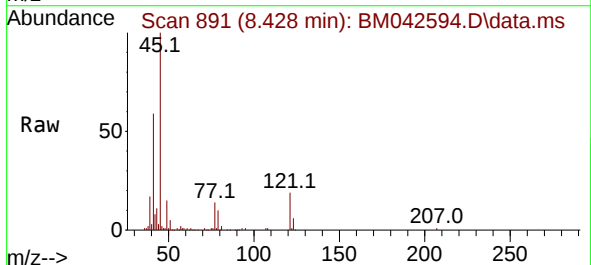
Instrument :
BNA_M
ClientSampleId :
SP-BMSD

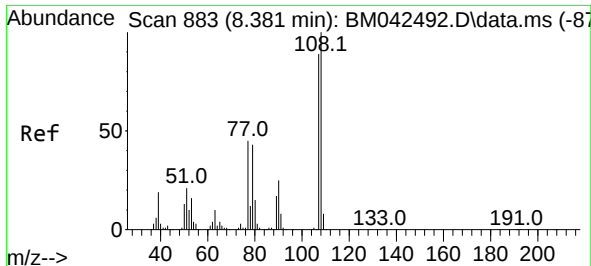
Tgt Ion: 79 Resp: 146131
Ion Ratio Lower Upper
79 100
108 69.5 56.8 85.2
77 68.4 53.0 79.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 24.132 ng
RT: 8.428 min Scan# 891
Delta R.T. -0.012 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

Tgt Ion: 45 Resp: 121847
Ion Ratio Lower Upper
45 100
77 14.3 0.0 33.0
79 10.0 0.0 29.5

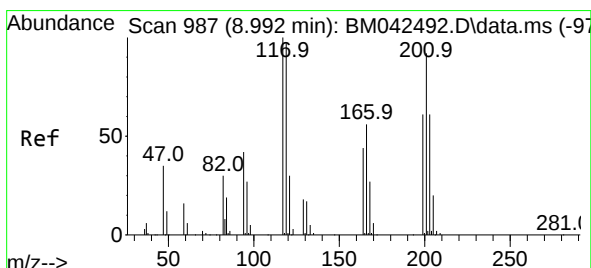
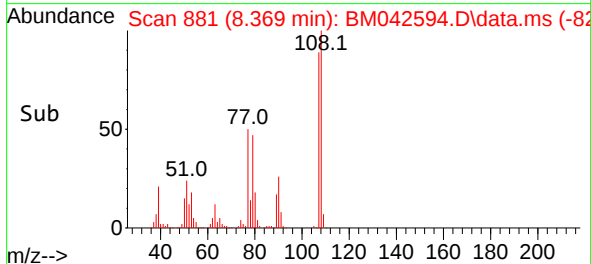
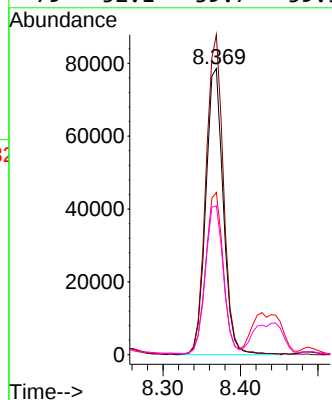
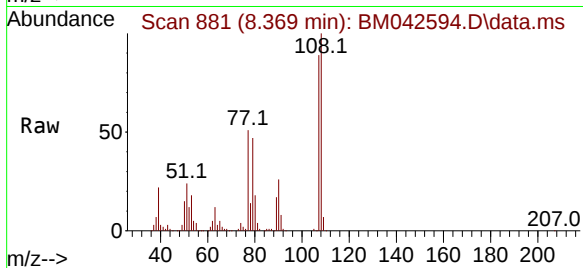




#17
2-Methylphenol
Concen: 46.470 ng
RT: 8.369 min Scan# 81
Delta R.T. 0.011 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

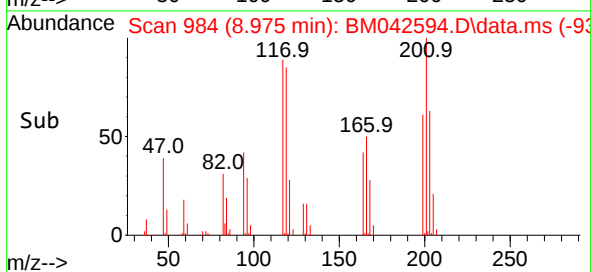
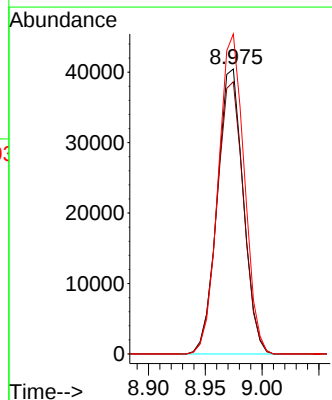
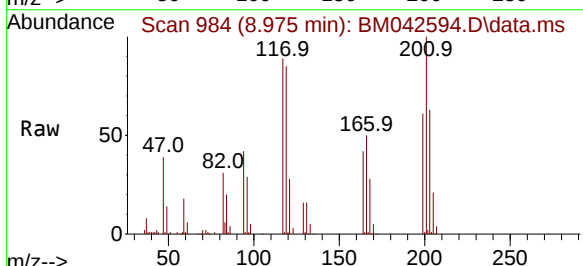
Instrument :
BNA_M
ClientSampleId :
SP-BMSD

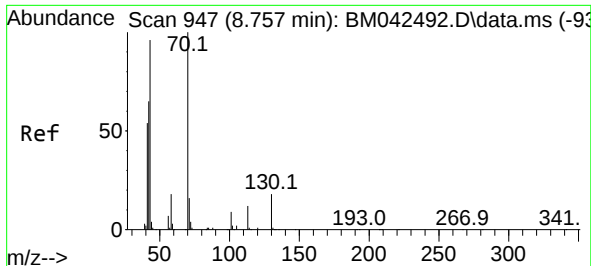
Tgt Ion:	107	Resp:	123407
Ion	Ratio	Lower	Upper
107	100		
108	111.9	90.4	135.6
77	56.7	40.6	60.8
79	52.1	39.7	59.5



#18
Hexachloroethane
Concen: 52.081 ng
RT: 8.975 min Scan# 984
Delta R.T. 0.005 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

Tgt Ion:	117	Resp:	64715
Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.9	116.9
201	112.3	73.7	110.5#



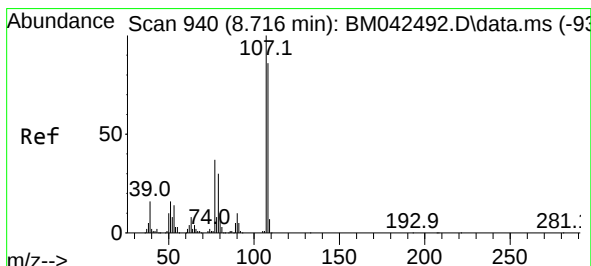
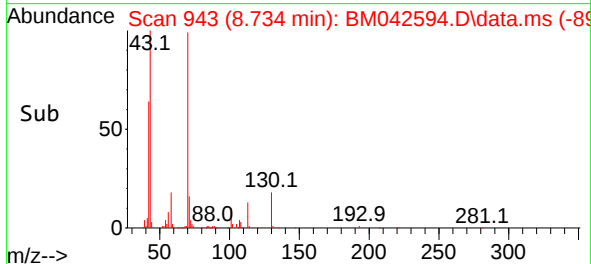
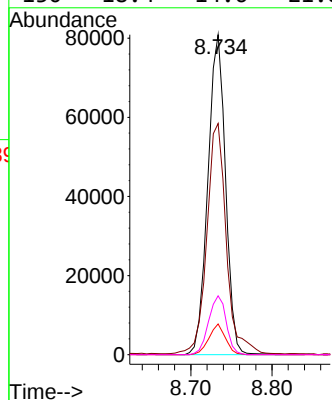
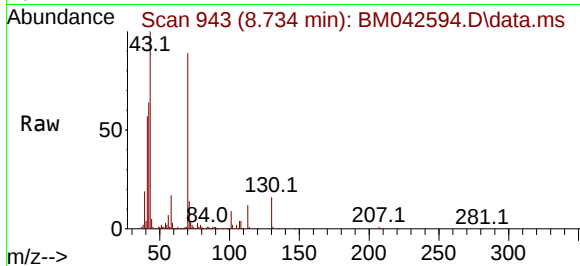


#19
n-Nitroso-di-n-propylamine
Concen: 46.671 ng
RT: 8.734 min Scan# 94
Delta R.T. 0.006 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

Instrument :
BNA_M
ClientSampleId :
SP-BMSD

Tgt Ion: 70 Resp: 121921

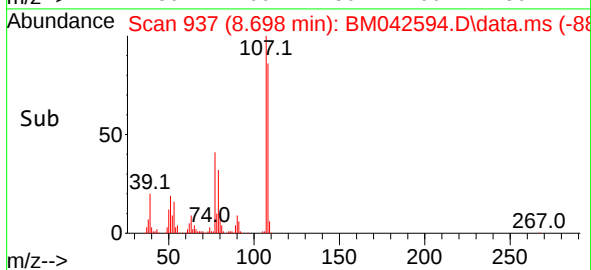
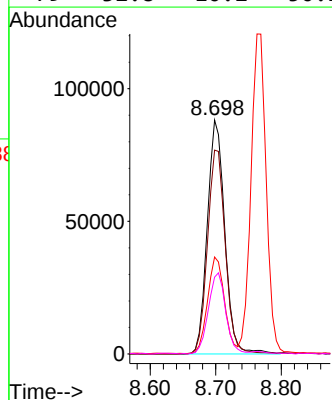
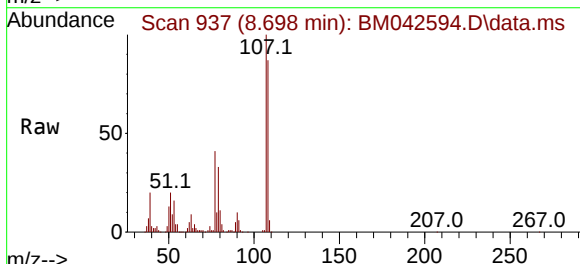
Ion	Ratio	Lower	Upper
70	100		
42	72.2	52.5	78.7
101	9.6	7.0	10.4
130	18.4	14.6	21.8

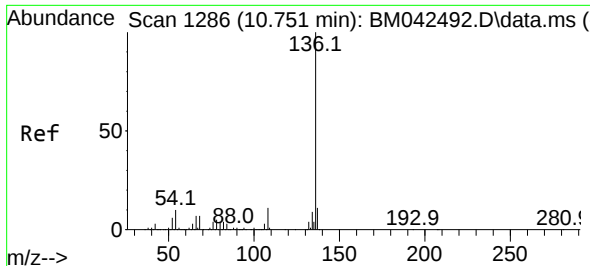


#20
3+4-Methylphenols
Concen: 46.121 ng
RT: 8.698 min Scan# 937
Delta R.T. 0.005 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

Tgt Ion: 107 Resp: 163751

Ion	Ratio	Lower	Upper
107	100		
108	87.2	66.4	106.4
77	41.5	17.6	57.6
79	32.8	10.2	50.2

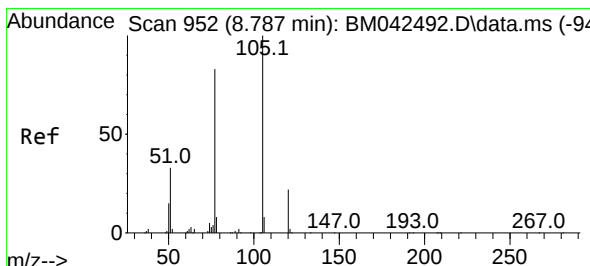
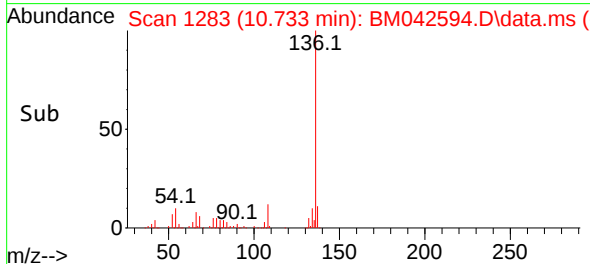
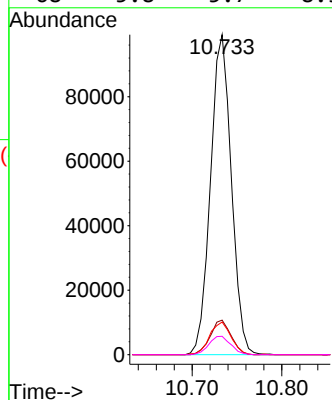
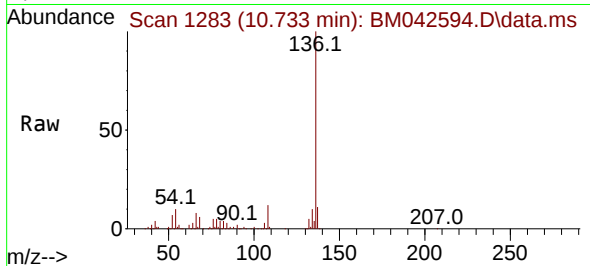




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.733 min Scan# 11
Delta R.T. 0.005 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

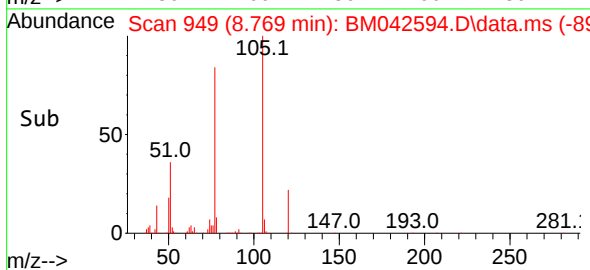
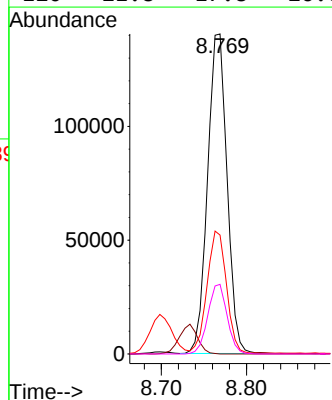
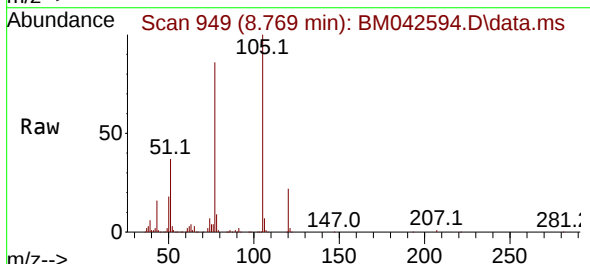
Instrument :
BNA_M
ClientSampleId :
SP-BMSD

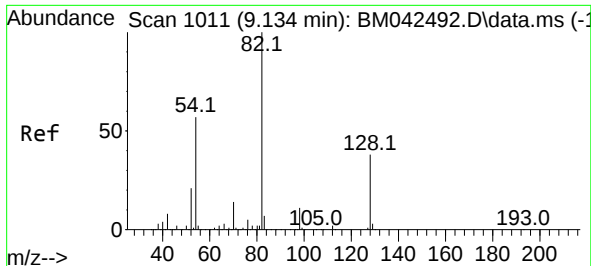
Tgt Ion:	136	Resp:	159974
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.0	13.6
54	10.2	8.0	12.0
68	5.8	5.7	8.5



#22
Acetophenone
Concen: 55.291 ng
RT: 8.769 min Scan# 949
Delta R.T. 0.005 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

Tgt Ion:	105	Resp:	223079
Ion Ratio	Lower	Upper	
105	100		
71	0.0	0.2	0.2#
51	37.2	27.6	41.4
120	21.8	17.8	26.6

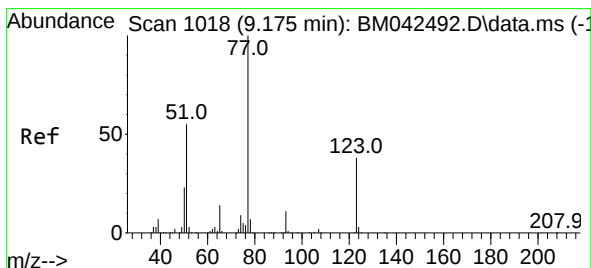
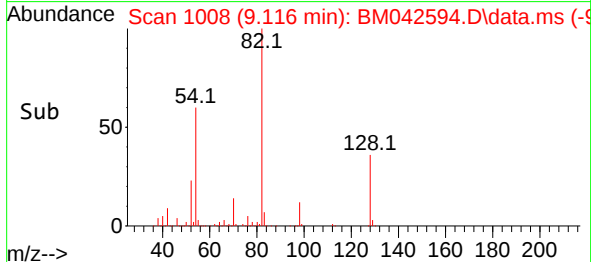
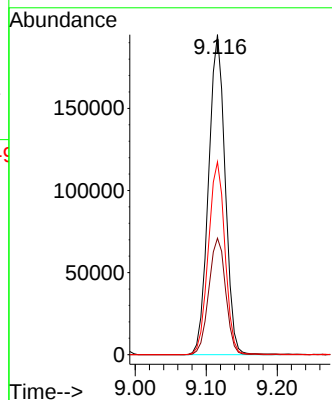
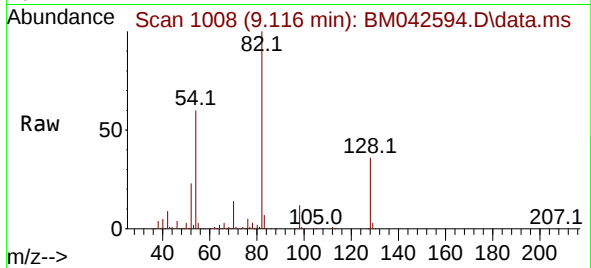




#23
Nitrobenzene-d5
Concen: 92.215 ng
RT: 9.116 min Scan# 1011
Delta R.T. 0.005 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

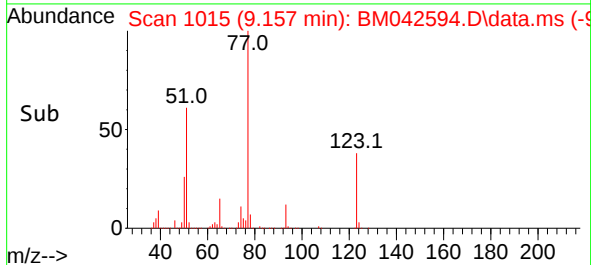
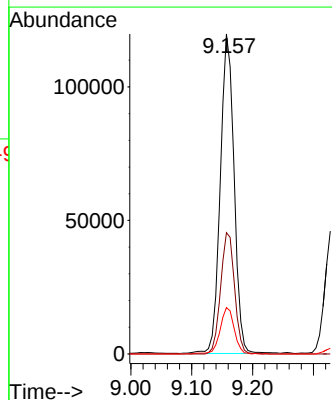
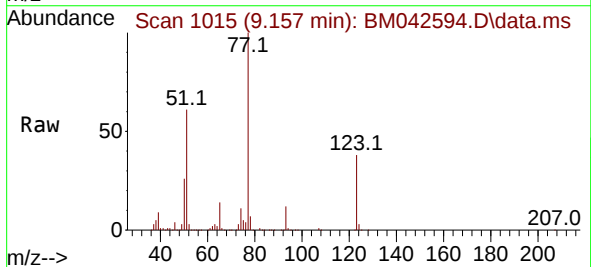
Instrument :
BNA_M
ClientSampleId :
SP-BMSD

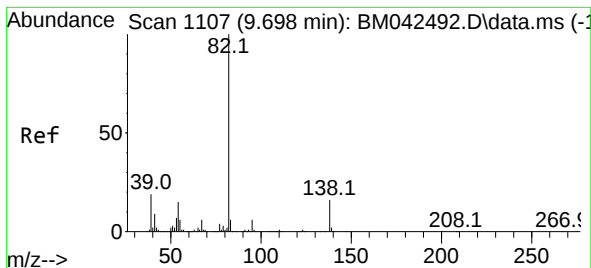
Tgt Ion: 82 Resp: 316455
Ion Ratio Lower Upper
82 100
128 36.4 30.7 46.1
54 60.2 45.3 67.9



#24
Nitrobenzene
Concen: 55.591 ng
RT: 9.157 min Scan# 1015
Delta R.T. -0.000 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

Tgt Ion: 77 Resp: 187902
Ion Ratio Lower Upper
77 100
123 37.9 30.6 46.0
65 14.5 10.8 16.2





#25

Isophorone

Concen: 52.798 ng

RT: 9.669 min Scan# 1107

Delta R.T. 0.006 min

Lab File: BM042594.D

Acq: 04 Nov 2023 16:41

Instrument :

BNA_M

ClientSampleId :

SP-BMSD

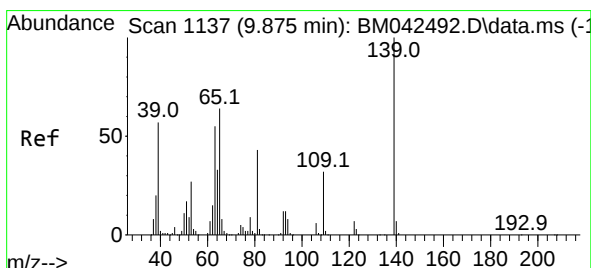
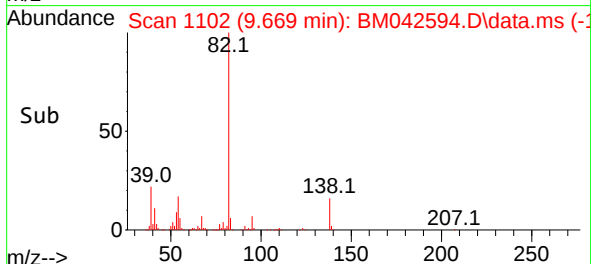
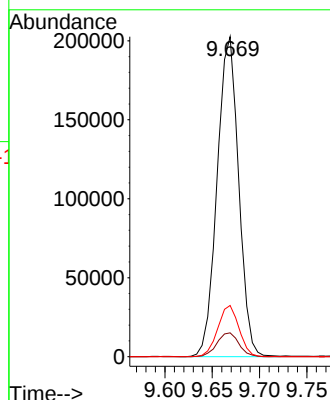
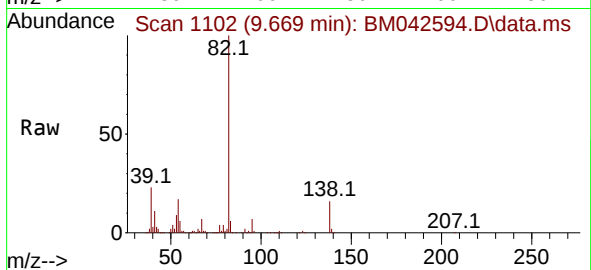
Tgt Ion: 82 Resp: 320695

Ion Ratio Lower Upper

82 100

95 7.4 5.2 7.8

138 16.0 12.6 18.8



#26

2-Nitrophenol

Concen: 53.728 ng

RT: 9.857 min Scan# 1134

Delta R.T. -0.000 min

Lab File: BM042594.D

Acq: 04 Nov 2023 16:41

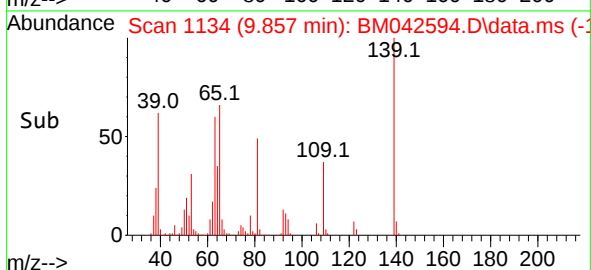
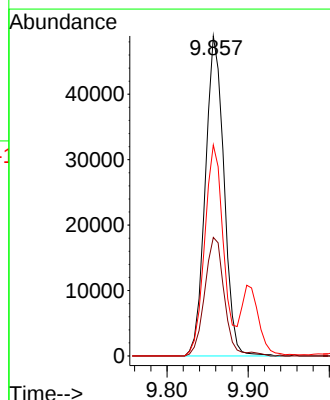
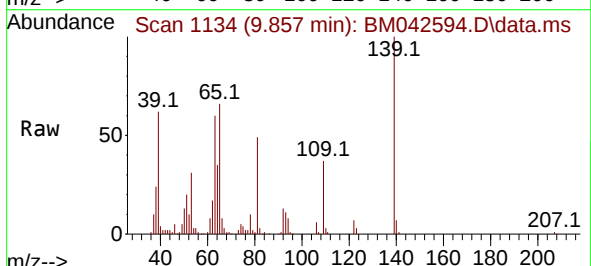
Tgt Ion:139 Resp: 77878

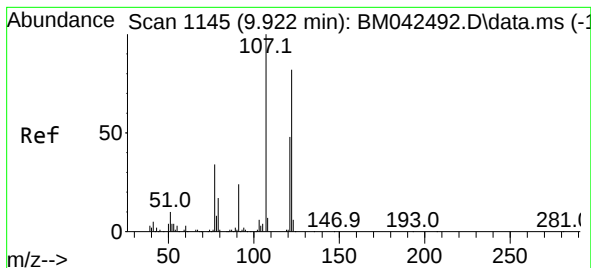
Ion Ratio Lower Upper

139 100

109 37.0 25.2 37.8

65 66.0 51.4 77.0

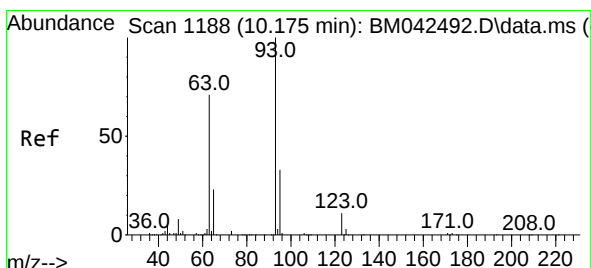
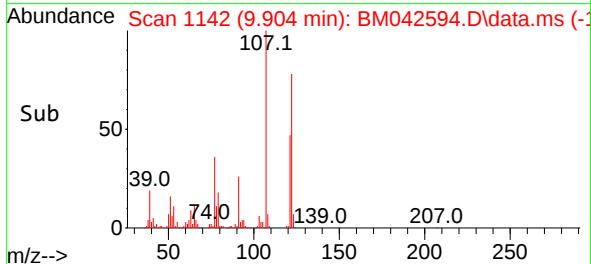
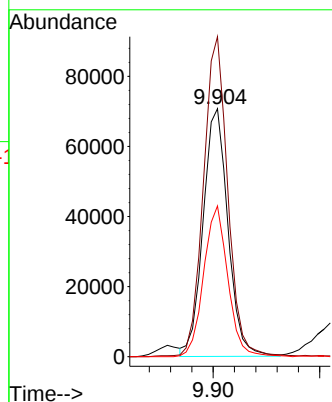
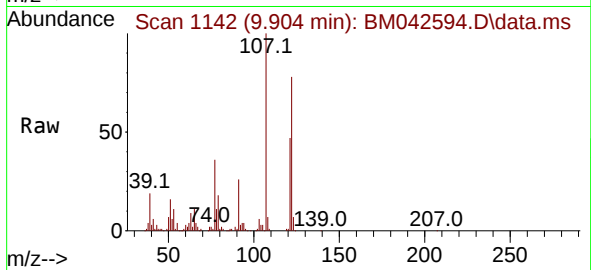




#27
2,4-Dimethylphenol
Concen: 49.417 ng
RT: 9.904 min Scan# 1145
Delta R.T. 0.005 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

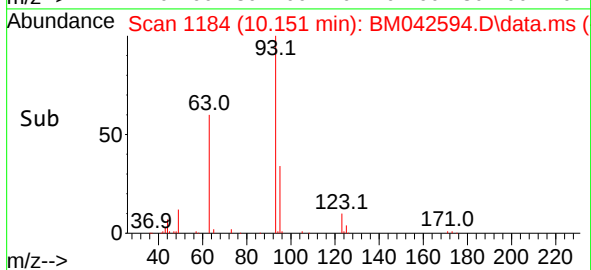
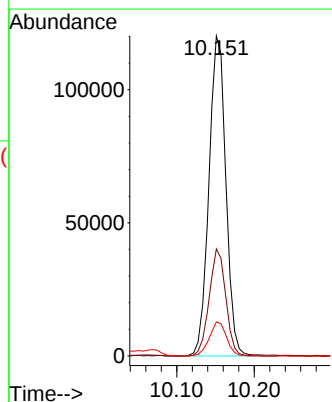
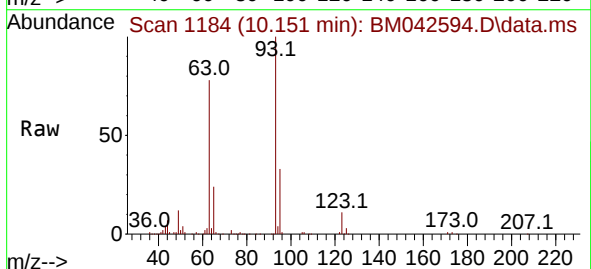
Instrument :
BNA_M
ClientSampleId :
SP-BMSD

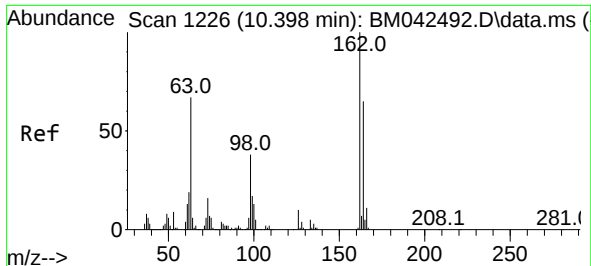
Tgt Ion:122 Resp: 114828
Ion Ratio Lower Upper
122 100
107 129.0 95.4 143.2
121 60.7 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 49.900 ng
RT: 10.151 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

Tgt Ion: 93 Resp: 182603
Ion Ratio Lower Upper
93 100
95 33.4 26.3 39.5
123 10.7 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 61.853 ng

RT: 10.380 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM042594.D

Acq: 04 Nov 2023 16:41

Instrument :

BNA_M

ClientSampleId :

SP-BMSD

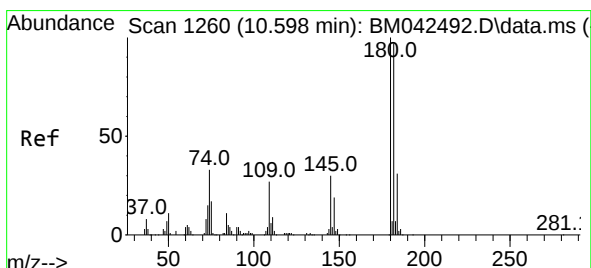
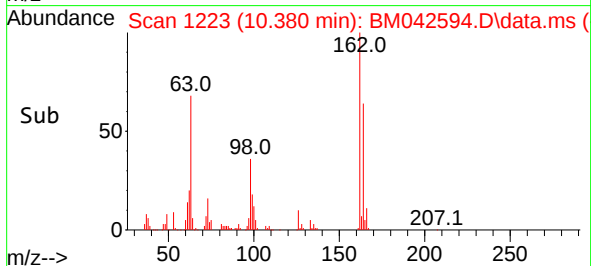
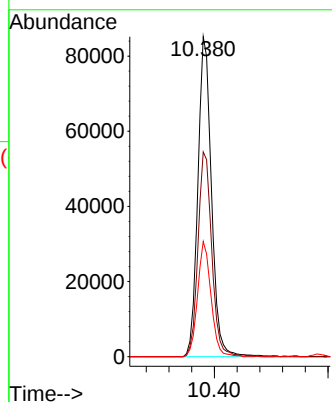
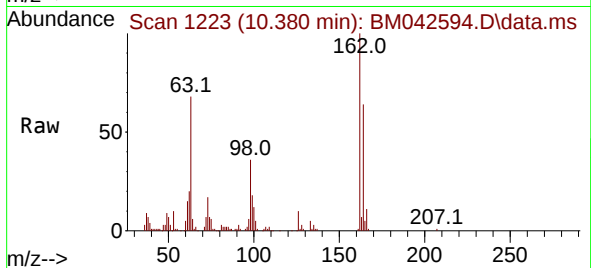
Tgt Ion:162 Resp: 142211

Ion Ratio Lower Upper

162 100

164 64.0 44.9 84.9

98 36.0 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 62.753 ng

RT: 10.586 min Scan# 1258

Delta R.T. 0.005 min

Lab File: BM042594.D

Acq: 04 Nov 2023 16:41

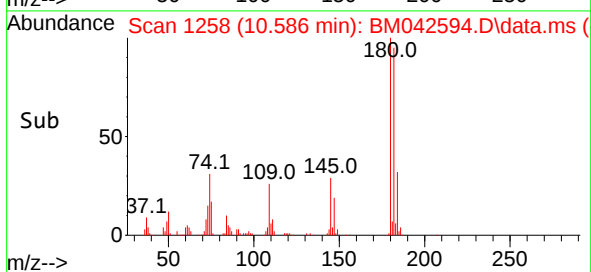
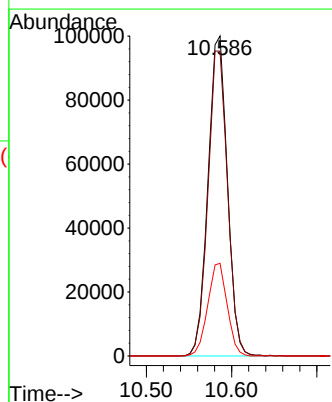
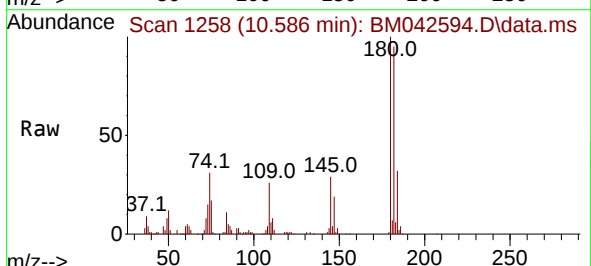
Tgt Ion:180 Resp: 158119

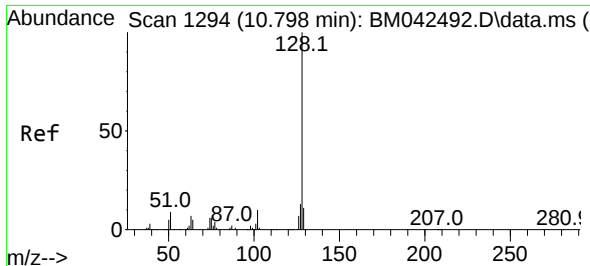
Ion Ratio Lower Upper

180 100

182 95.3 77.8 116.8

145 29.0 24.4 36.6

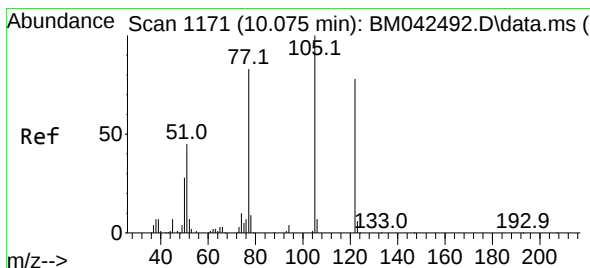
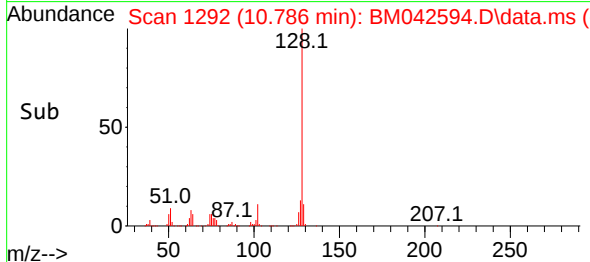
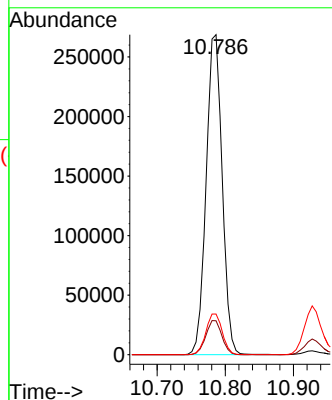
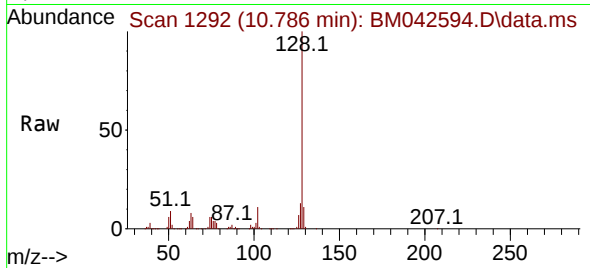




#31
Naphthalene
Concen: 53.209 ng
RT: 10.786 min Scan# 1170
Delta R.T. 0.005 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

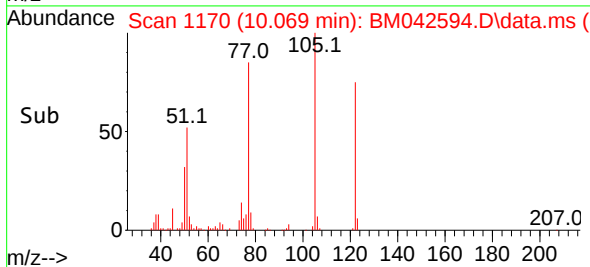
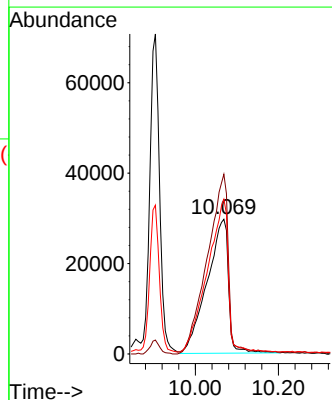
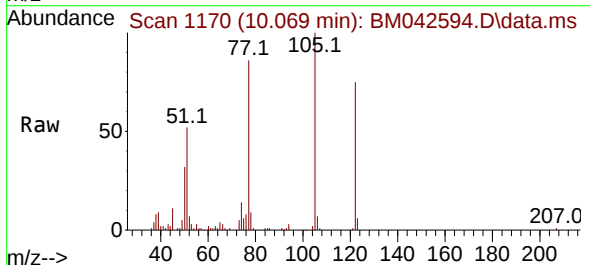
Instrument :
BNA_M
ClientSampleId :
SP-BMSD

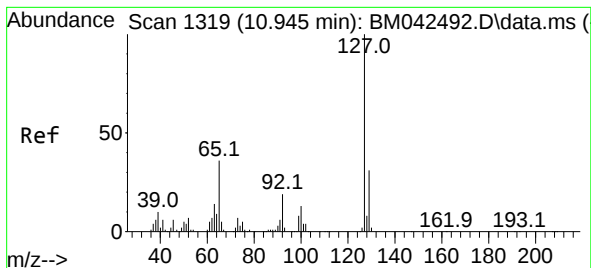
Tgt Ion:128 Resp: 439781
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 12.7 10.6 15.8



#32
Benzoic acid
Concen: 55.300 ng
RT: 10.069 min Scan# 1170
Delta R.T. 0.017 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

Tgt Ion:122 Resp: 105805
Ion Ratio Lower Upper
122 100
105 133.4 105.2 145.2
77 114.8 84.8 124.8

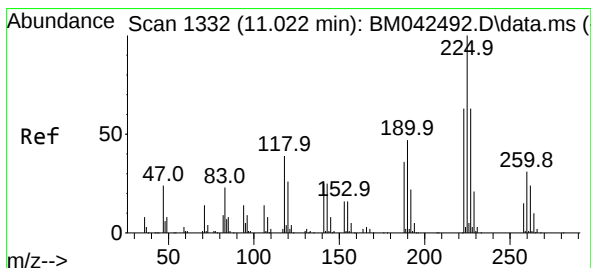
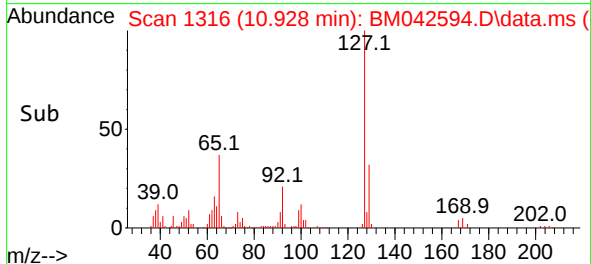
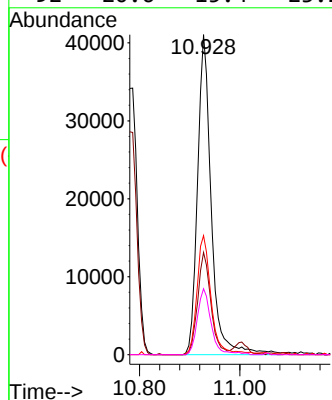
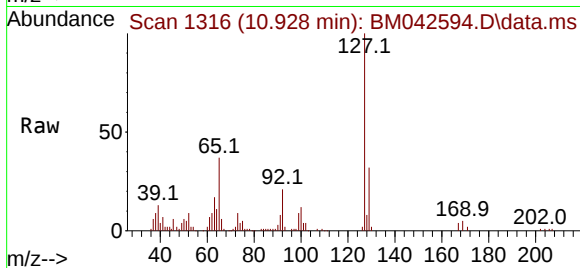




#33
4-Chloroaniline
Concen: 24.227 ng
RT: 10.928 min Scan# 11
Delta R.T. 0.005 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

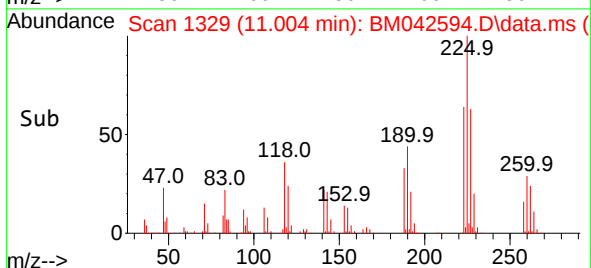
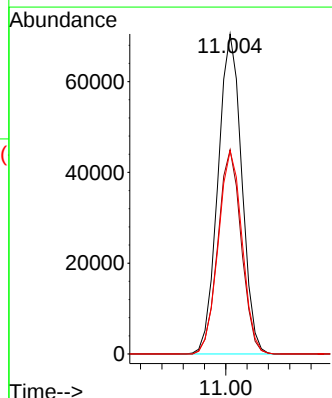
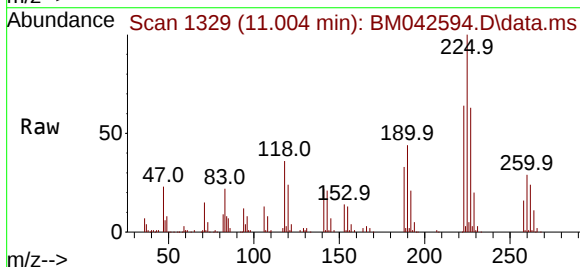
Instrument :
BNA_M
ClientSampleId :
SP-BMSD

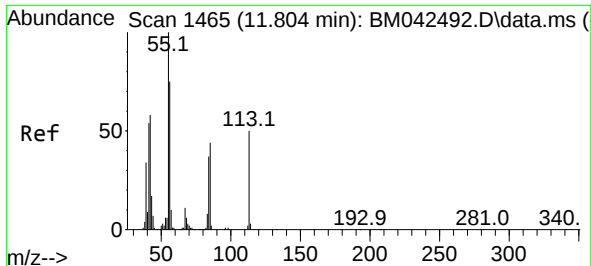
Tgt Ion:	127	Resp:	78077
Ion Ratio	Lower	Upper	
127	100		
129	31.9	25.0	37.4
65	37.2	29.0	43.4
92	20.6	15.4	23.2



#34
Hexachlorobutadiene
Concen: 71.192 ng
RT: 11.004 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

Tgt Ion:	225	Resp:	108912
Ion Ratio	Lower	Upper	
225	100		
223	63.8	50.0	75.0
227	63.5	50.6	75.8

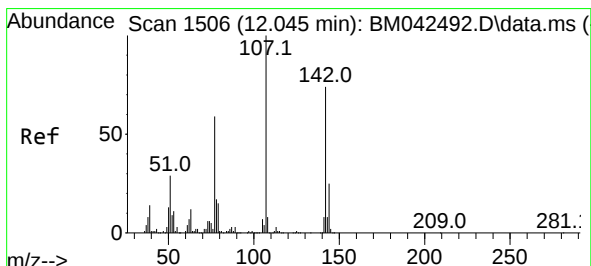
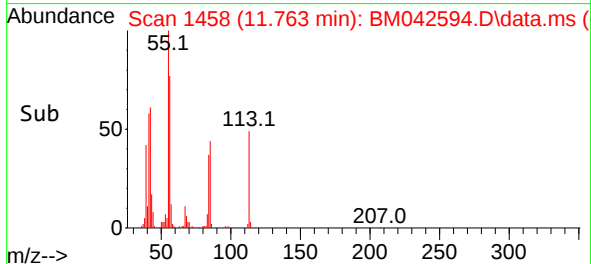
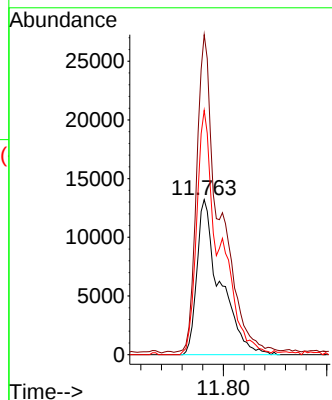
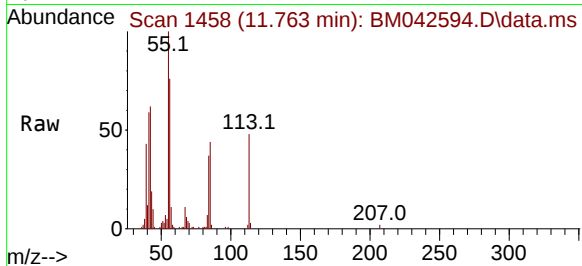




#35
Caprolactam
Concen: 50.948 ng
RT: 11.763 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

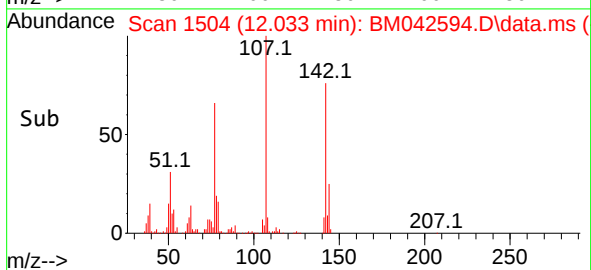
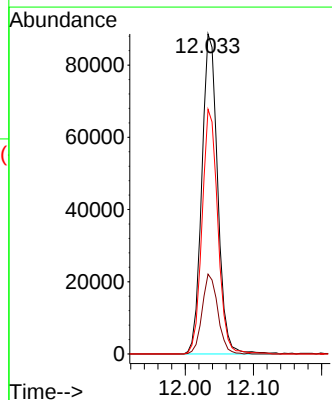
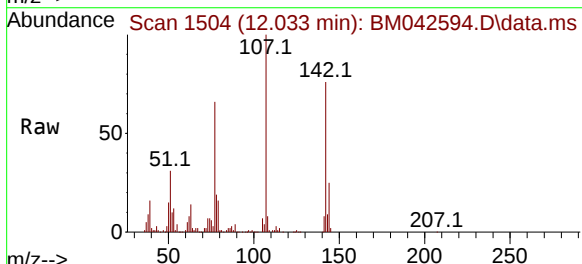
Instrument :
BNA_M
ClientSampleId :
SP-BMSD

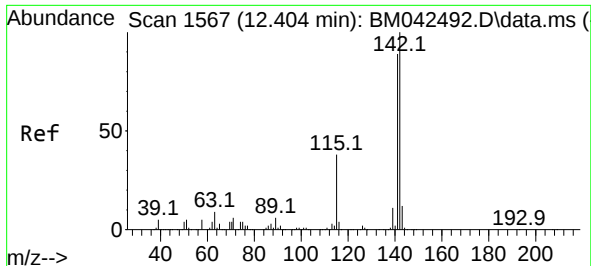
Tgt Ion:113 Resp: 41157
Ion Ratio Lower Upper
113 100
55 206.4 180.9 220.9
56 157.6 130.0 170.0



#36
4-Chloro-3-methylphenol
Concen: 54.780 ng
RT: 12.033 min Scan# 1504
Delta R.T. 0.005 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

Tgt Ion:107 Resp: 143339
Ion Ratio Lower Upper
107 100
144 25.0 20.2 30.2
142 76.5 59.5 89.3

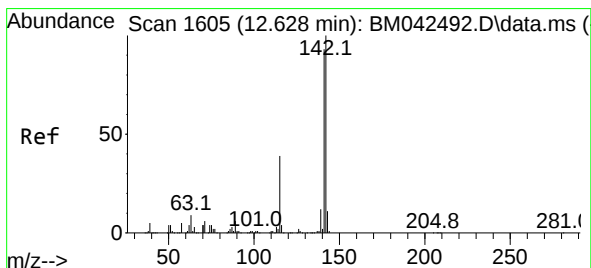
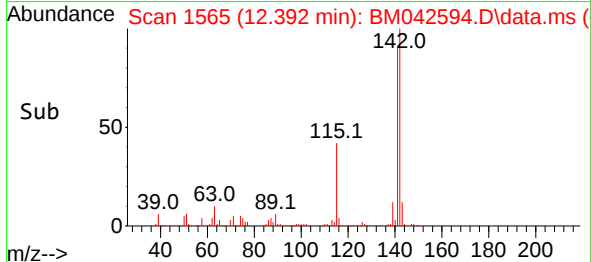
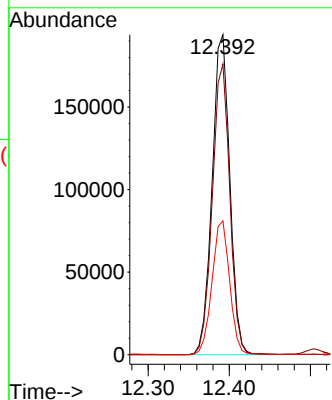
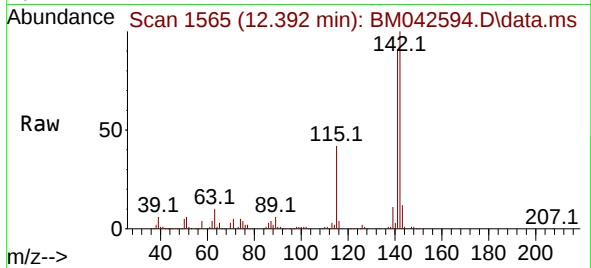




#37
2-Methylnaphthalene
Concen: 50.421 ng
RT: 12.392 min Scan# 11
Delta R.T. 0.005 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

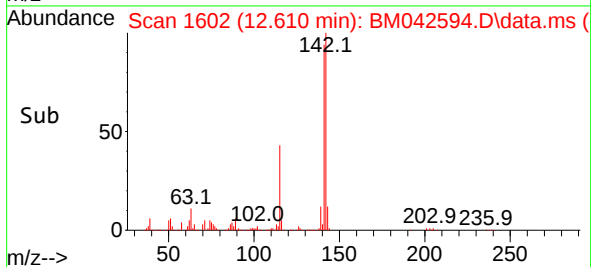
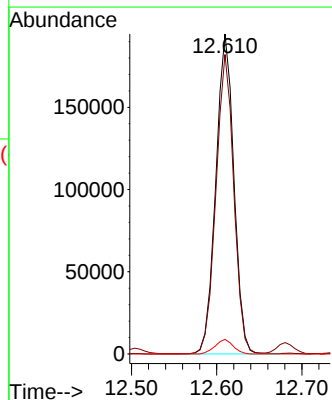
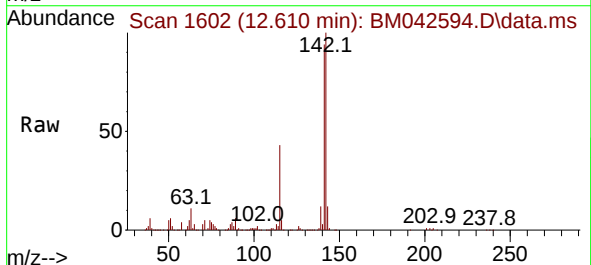
Instrument :
BNA_M
ClientSampleId :
SP-BMSD

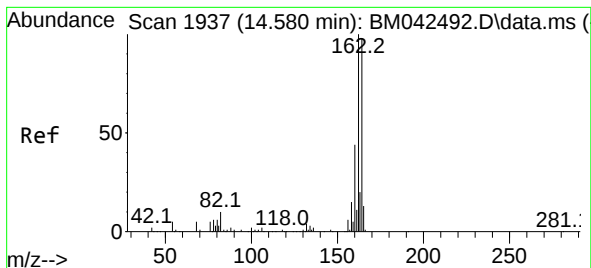
Tgt Ion:142 Resp: 293493
Ion Ratio Lower Upper
142 100
141 90.9 70.9 106.3
115 41.9 30.2 45.2



#38
1-Methylnaphthalene
Concen: 52.358 ng
RT: 12.610 min Scan# 1602
Delta R.T. -0.000 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

Tgt Ion:142 Resp: 286866
Ion Ratio Lower Upper
142 100
141 93.6 74.4 111.6
116 4.6 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.568 min Scan# 1935

Delta R.T. 0.006 min

Lab File: BM042594.D

Acq: 04 Nov 2023 16:41

Instrument :

BNA_M

ClientSampleId :

SP-BMSD

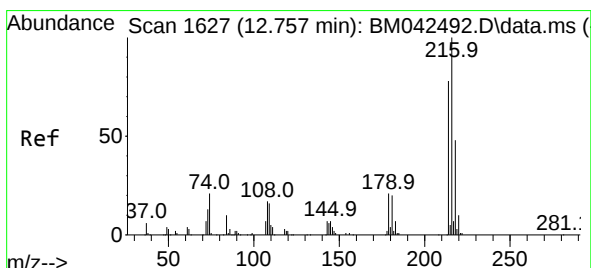
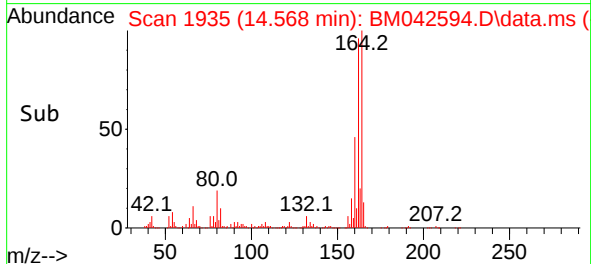
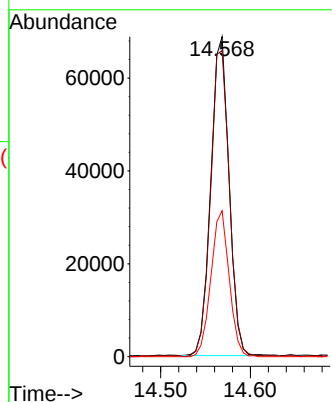
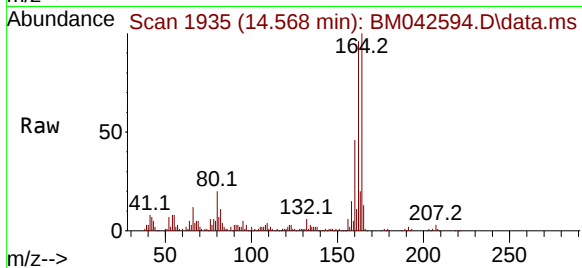
Tgt Ion:164 Resp: 96844

Ion Ratio Lower Upper

164 100

162 95.6 81.6 122.4

160 45.6 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 63.037 ng

RT: 12.739 min Scan# 1624

Delta R.T. -0.000 min

Lab File: BM042594.D

Acq: 04 Nov 2023 16:41

Tgt Ion:216 Resp: 182379

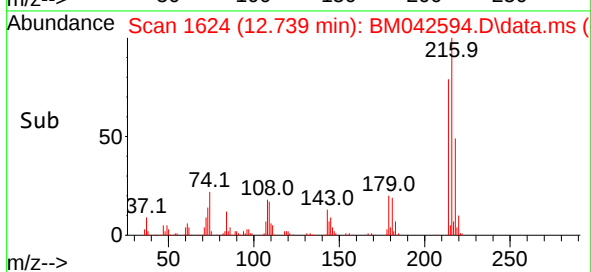
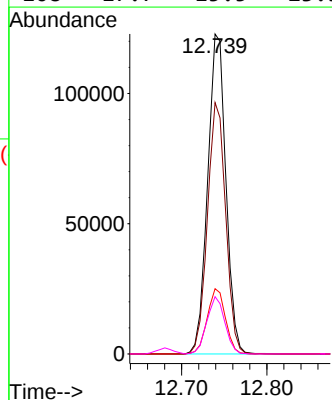
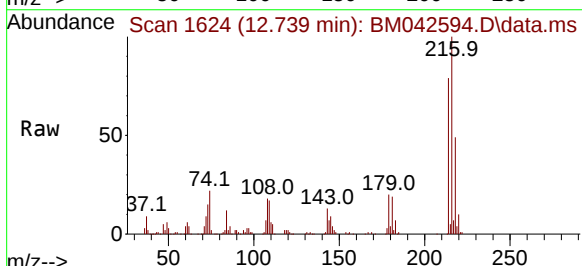
Ion Ratio Lower Upper

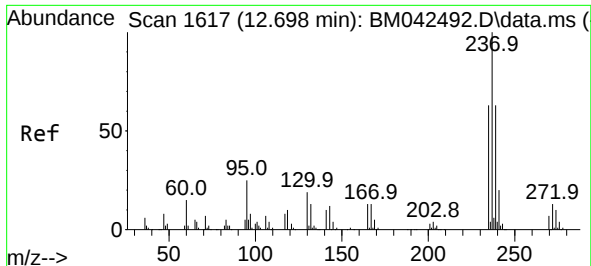
216 100

214 78.5 62.5 93.7

179 20.4 16.7 25.1

108 17.7 15.5 23.3

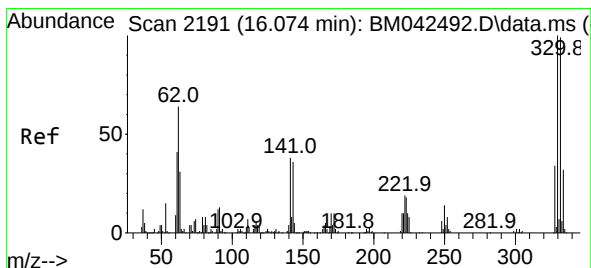
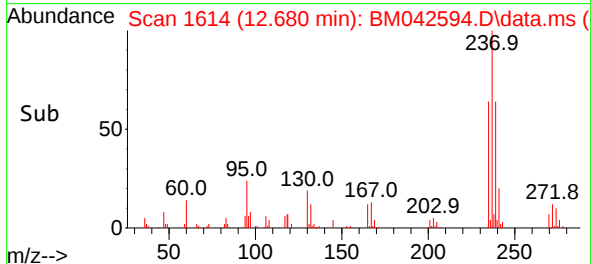
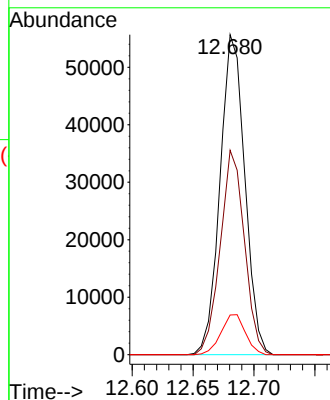
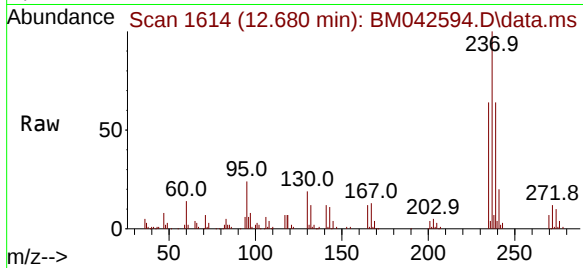




#41
Hexachlorocyclopentadiene
Concen: 48.082 ng
RT: 12.680 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

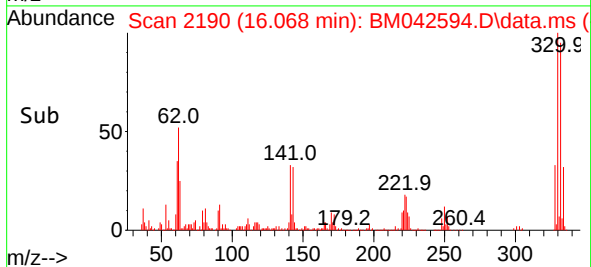
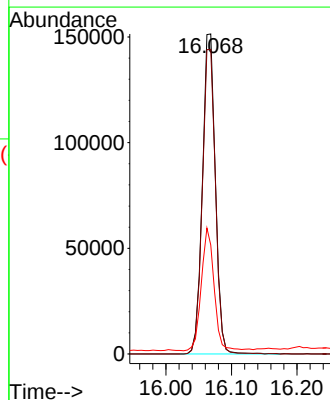
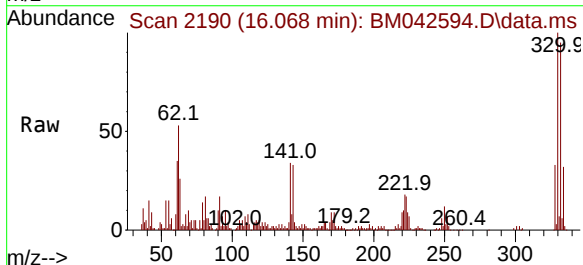
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BNA_M
ClientSampleId :
SP-BMSD

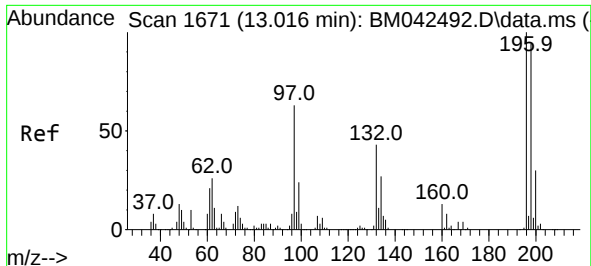
Tgt Ion:237 Resp: 78828
Ion Ratio Lower Upper
237 100
235 63.9 42.5 82.5
272 12.4 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 165.391 ng
RT: 16.068 min Scan# 2190
Delta R.T. 0.006 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

Tgt Ion:330 Resp: 209117
Ion Ratio Lower Upper
330 100
332 96.1 78.8 118.2
141 37.6 31.1 46.7

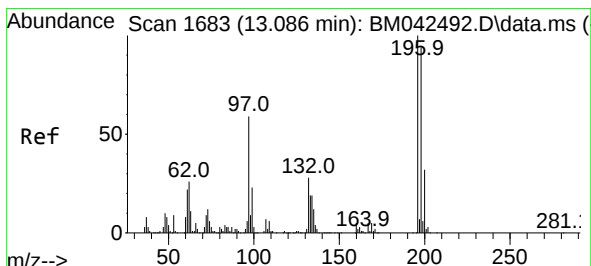
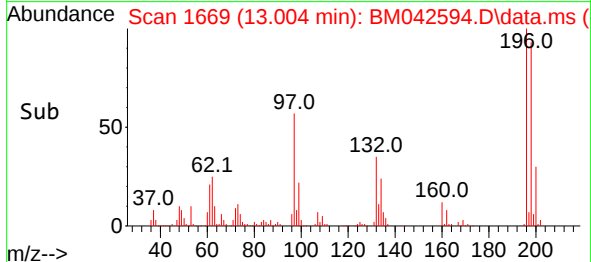
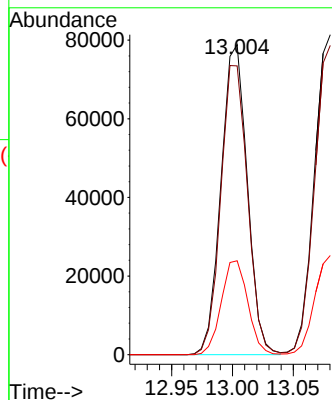
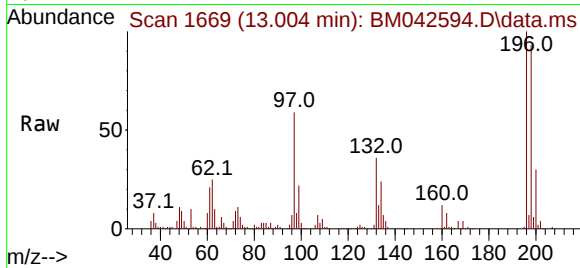




#43
2,4,6-Trichlorophenol
Concen: 63.953 ng
RT: 13.004 min Scan# 1
Delta R.T. 0.005 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

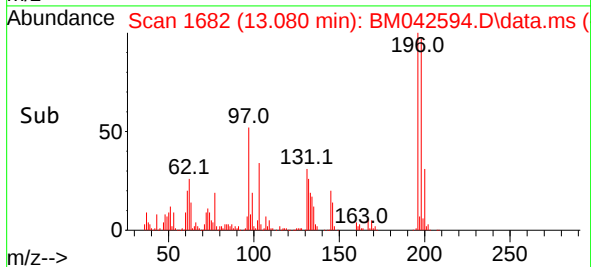
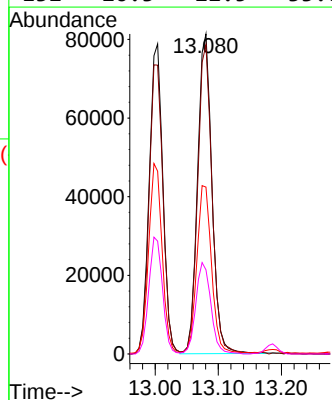
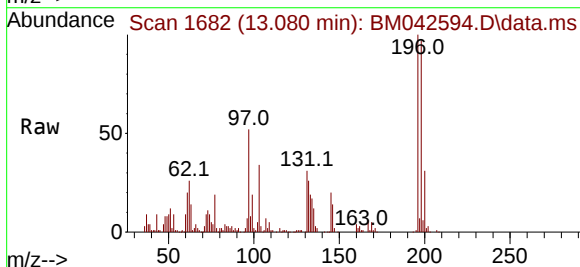
Instrument :
BNA_M
ClientSampleId :
SP-BMSD

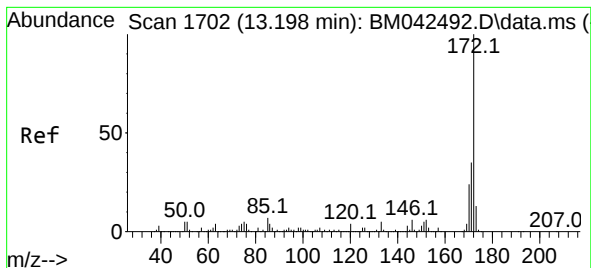
Tgt Ion:196 Resp: 118511
Ion Ratio Lower Upper
196 100
198 93.1 75.2 112.8
200 30.3 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 58.384 ng
RT: 13.080 min Scan# 1682
Delta R.T. 0.005 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

Tgt Ion:196 Resp: 128744
Ion Ratio Lower Upper
196 100
198 96.6 75.1 112.7
97 52.2 47.4 71.0
132 26.3 22.5 33.7





#45

2-Fluorobiphenyl

Concen: 89.260 ng

RT: 13.186 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM042594.D

Acq: 04 Nov 2023 16:41

Instrument :

BNA_M

ClientSampleId :

SP-BMSD

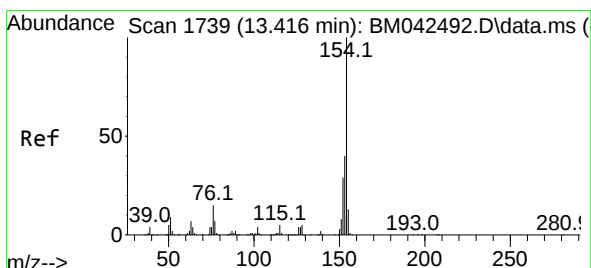
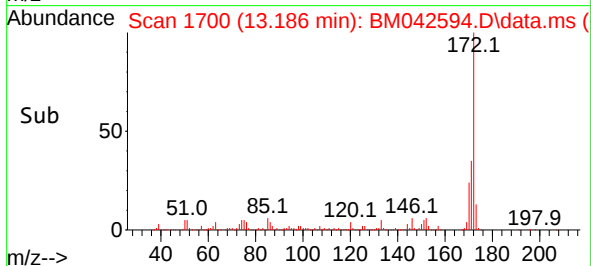
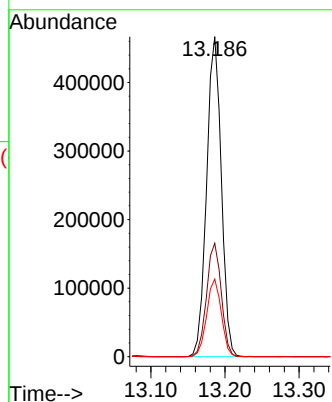
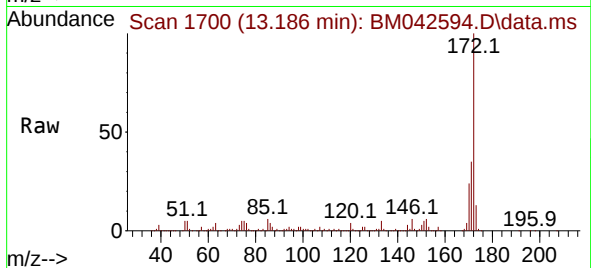
Tgt Ion:172 Resp: 642409

Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 24.2 19.0 28.4



#46

1,1'-Biphenyl

Concen: 54.765 ng

RT: 13.404 min Scan# 1737

Delta R.T. 0.005 min

Lab File: BM042594.D

Acq: 04 Nov 2023 16:41

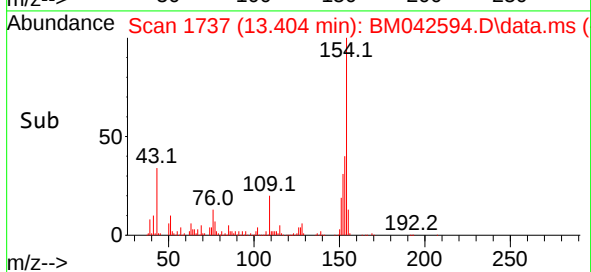
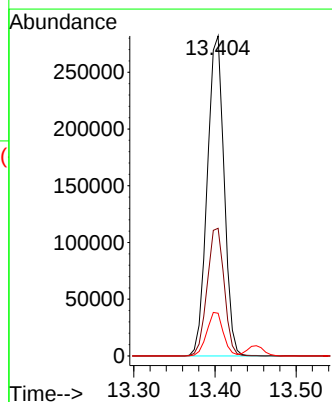
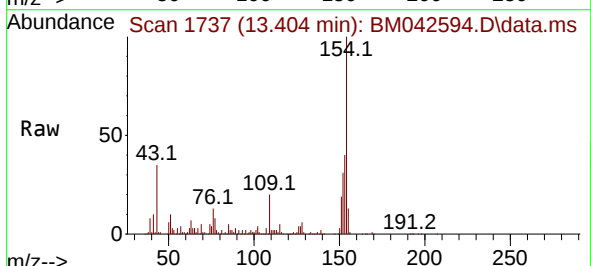
Tgt Ion:154 Resp: 405422

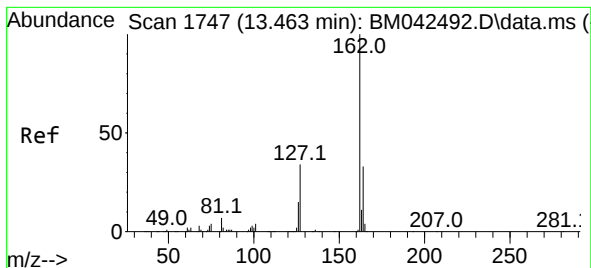
Ion Ratio Lower Upper

154 100

153 39.9 20.3 60.3

76 13.4 0.0 35.0

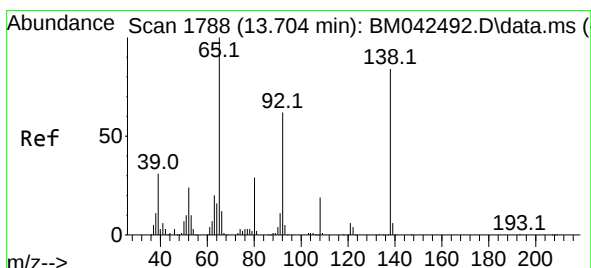
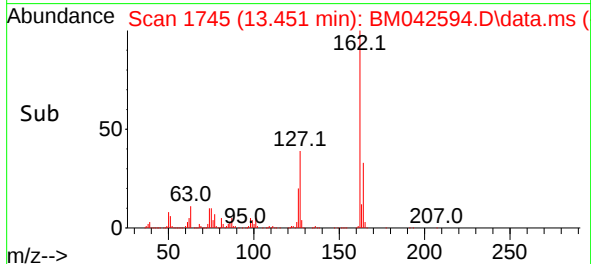
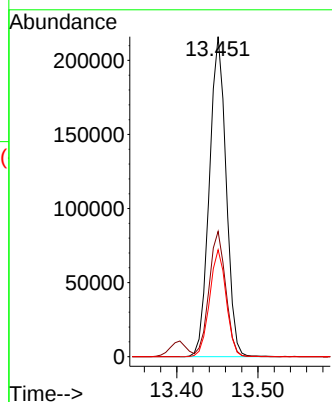
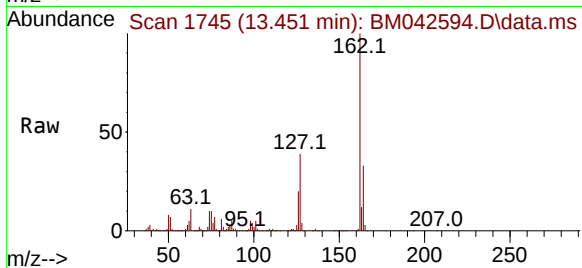




#47
2-Chloronaphthalene
Concen: 57.026 ng
RT: 13.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

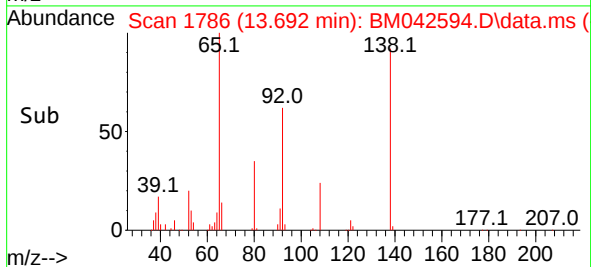
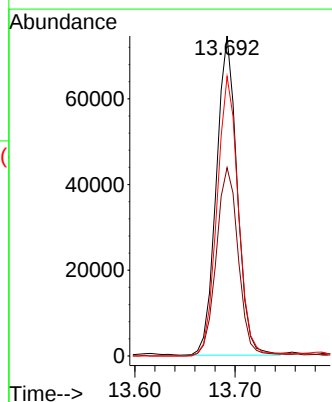
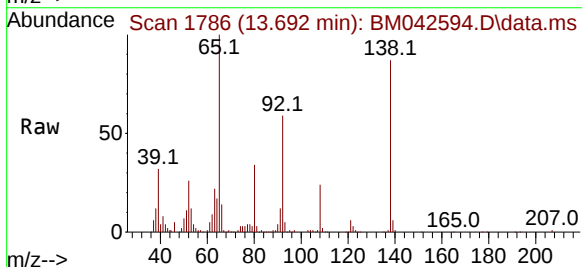
Instrument :
BNA_M
ClientSampleId :
SP-BMSD

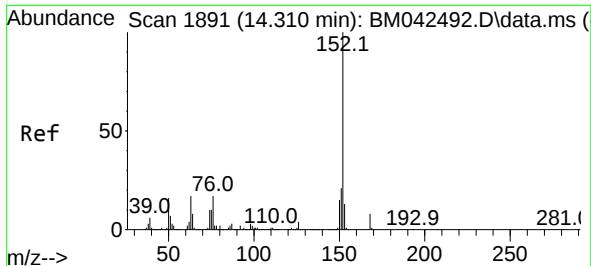
Tgt Ion:162 Resp: 309699
Ion Ratio Lower Upper
162 100
127 39.1 31.1 46.7
164 33.4 26.2 39.4



#48
2-Nitroaniline
Concen: 48.982 ng
RT: 13.692 min Scan# 1786
Delta R.T. -0.000 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

Tgt Ion: 65 Resp: 107507
Ion Ratio Lower Upper
65 100
92 58.8 49.4 74.2
138 87.4 66.9 100.3

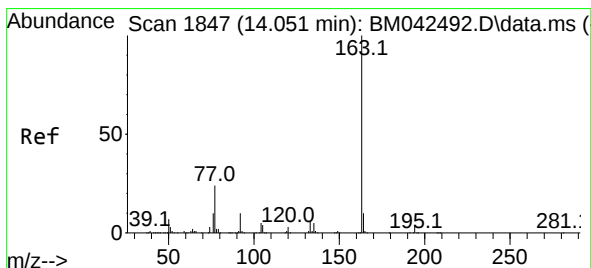
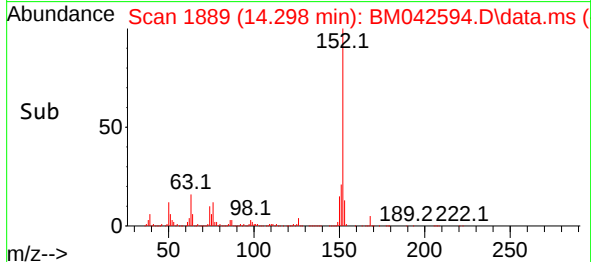
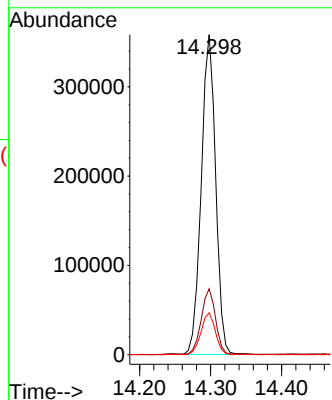
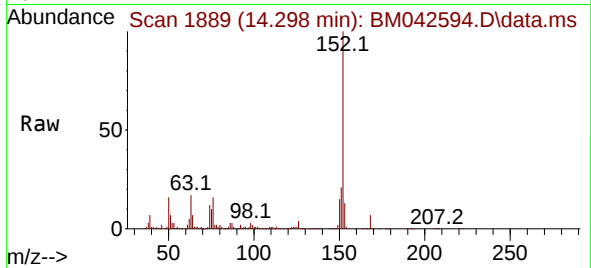




#49
Acenaphthylene
Concen: 56.144 ng
RT: 14.298 min Scan# 1889
Delta R.T. -0.000 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

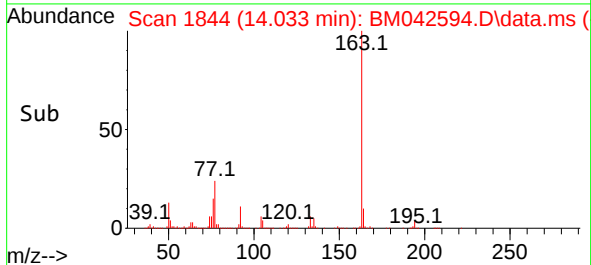
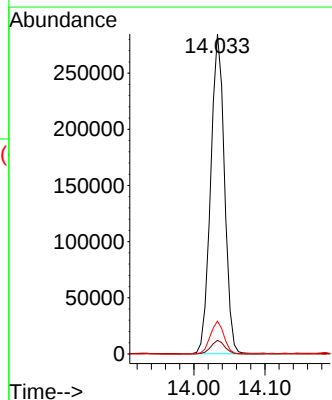
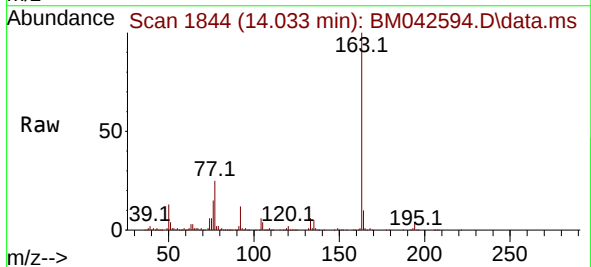
Instrument :
BNA_M
ClientSampleId :
SP-BMSD

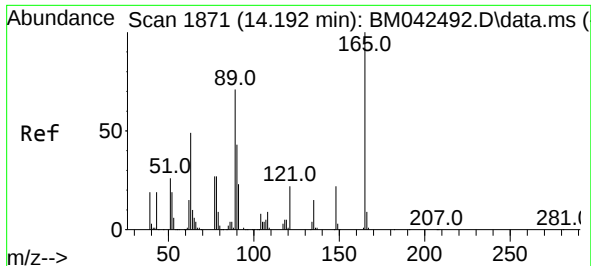
Tgt Ion:152 Resp: 504974
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.1 10.4 15.6



#50
Dimethylphthalate
Concen: 53.060 ng
RT: 14.033 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

Tgt Ion:163 Resp: 384062
Ion Ratio Lower Upper
163 100
194 4.3 3.2 4.8
164 10.2 7.8 11.8

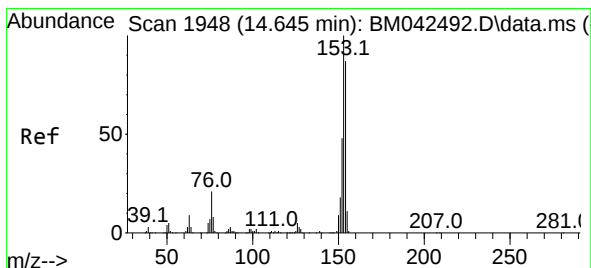
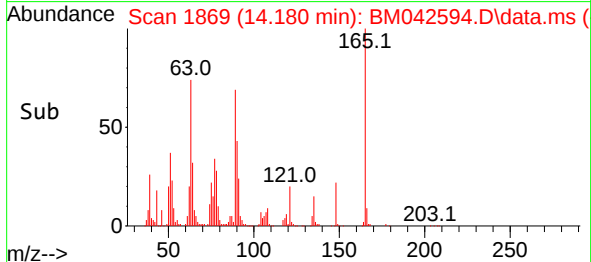
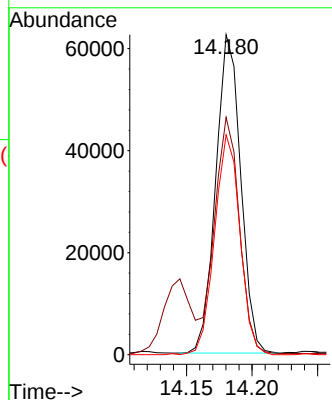
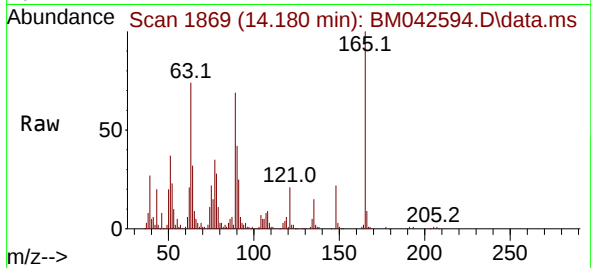




#51
2,6-Dinitrotoluene
Concen: 55.261 ng
RT: 14.180 min Scan# 1871
Delta R.T. -0.000 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

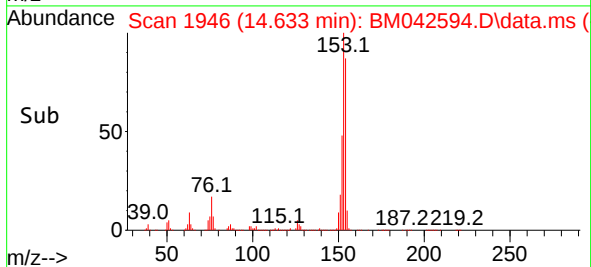
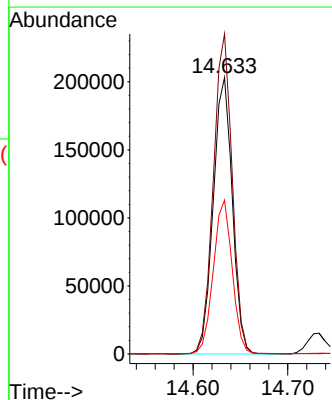
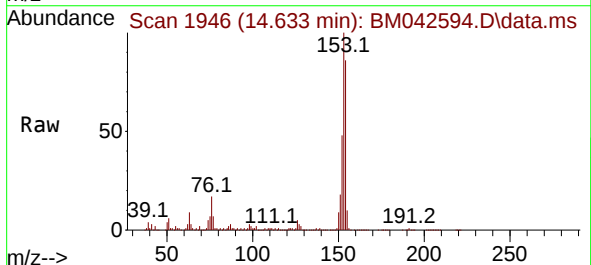
Instrument :
BNA_M
ClientSampleId :
SP-BMSD

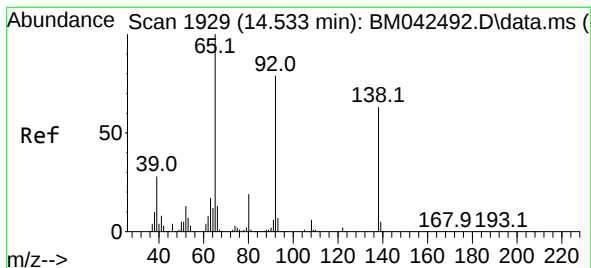
Tgt Ion:165 Resp: 82436
Ion Ratio Lower Upper
165 100
63 74.2 59.4 89.0
89 68.7 57.0 85.6



#52
Acenaphthene
Concen: 51.954 ng
RT: 14.633 min Scan# 1946
Delta R.T. -0.000 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

Tgt Ion:154 Resp: 283598
Ion Ratio Lower Upper
154 100
153 115.7 92.0 138.0
152 55.6 44.0 66.0

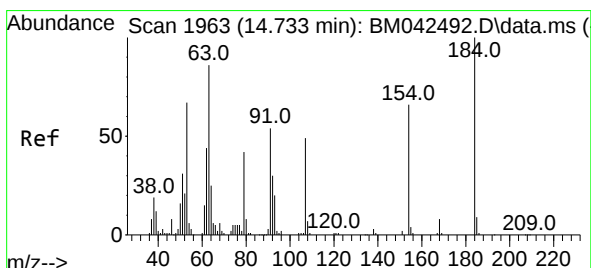
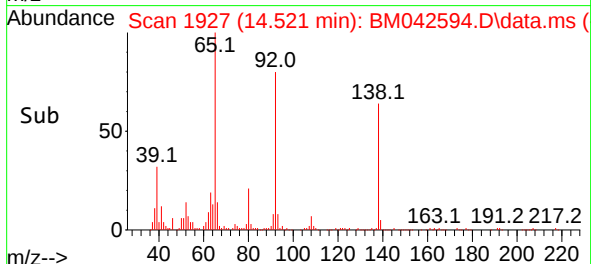
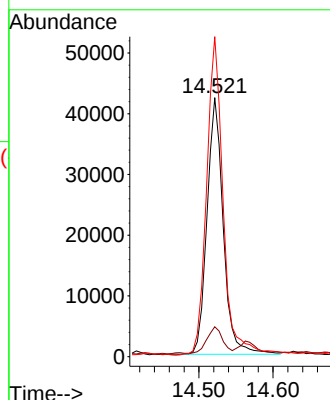
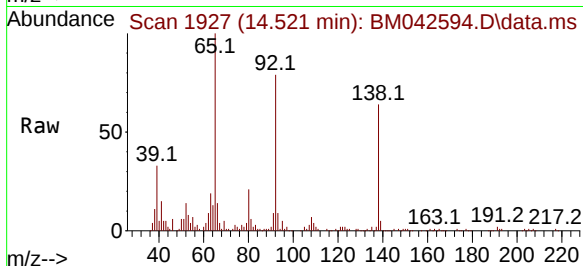




#53
3-Nitroaniline
Concen: 39.214 ng
RT: 14.521 min Scan# 1927
Delta R.T. -0.000 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

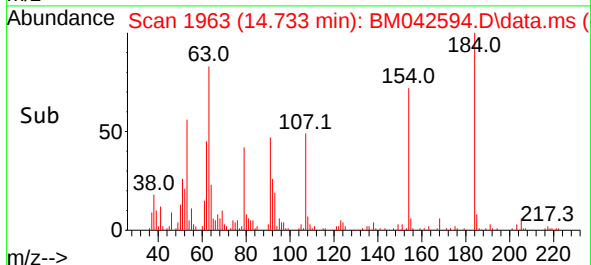
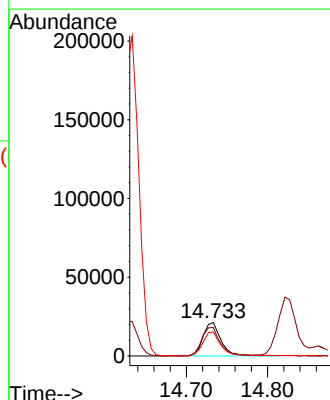
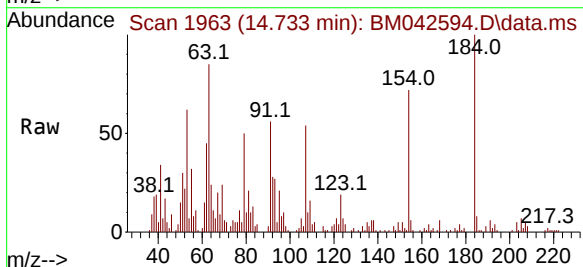
Instrument :
BNA_M
ClientSampleId :
SP-BMSD

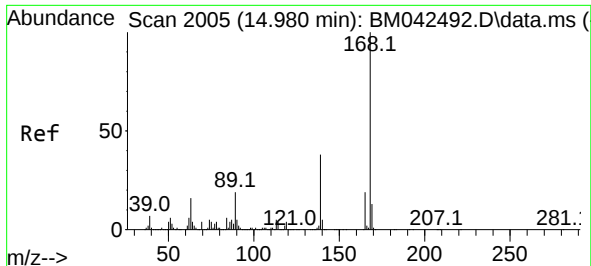
Tgt Ion:138 Resp: 64135
Ion Ratio Lower Upper
138 100
108 11.5 7.9 11.9
92 123.5 100.7 151.1



#54
2,4-Dinitrophenol
Concen: 35.708 ng
RT: 14.733 min Scan# 1963
Delta R.T. 0.005 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

Tgt Ion:184 Resp: 32772
Ion Ratio Lower Upper
184 100
63 84.9 69.2 103.8
154 71.9 53.2 79.8

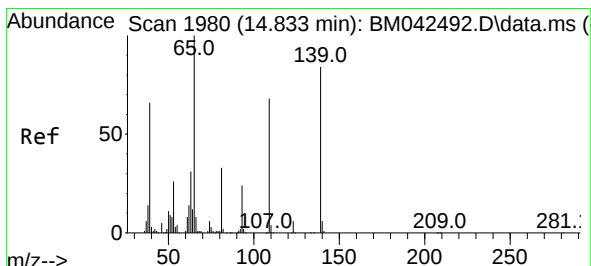
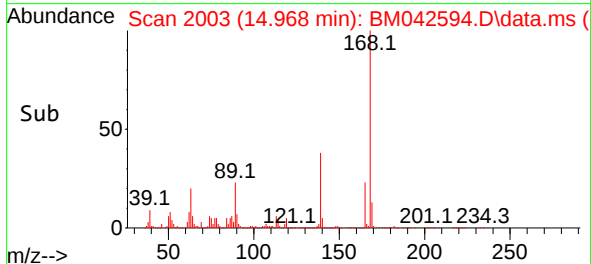
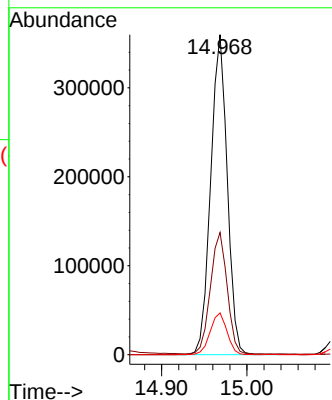
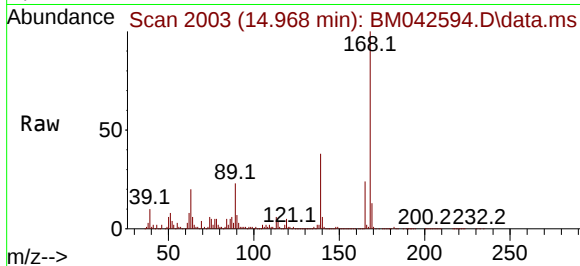




#55
Dibenzofuran
Concen: 54.574 ng
RT: 14.968 min Scan# 2005
Delta R.T. 0.005 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

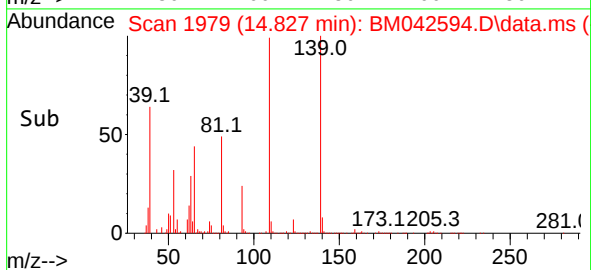
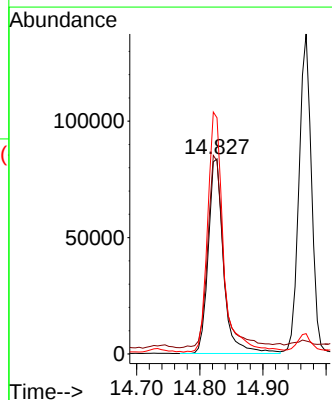
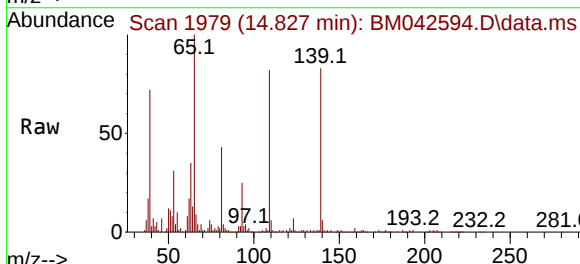
Instrument :
BNA_M
ClientSampleId :
SP-BMSD

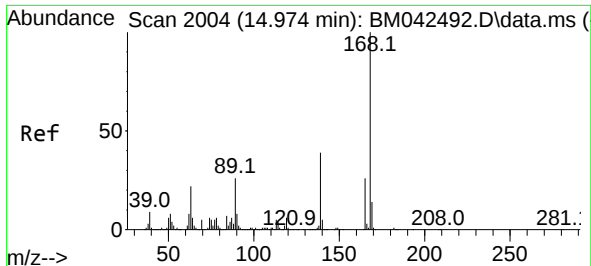
Tgt Ion:168 Resp: 484351
Ion Ratio Lower Upper
168 100
139 38.2 30.4 45.6
169 13.0 10.6 15.8



#56
4-Nitrophenol
Concen: 102.129 ng
RT: 14.827 min Scan# 1979
Delta R.T. 0.005 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

Tgt Ion:139 Resp: 141297
Ion Ratio Lower Upper
139 100
109 98.9 61.3 101.3
65 121.1 100.2 140.2

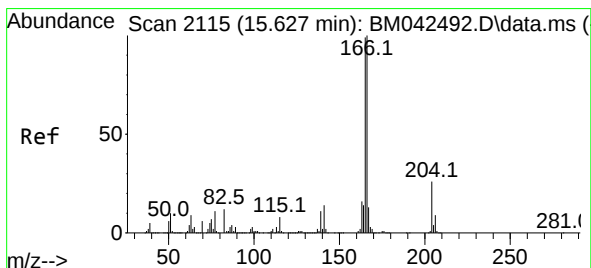
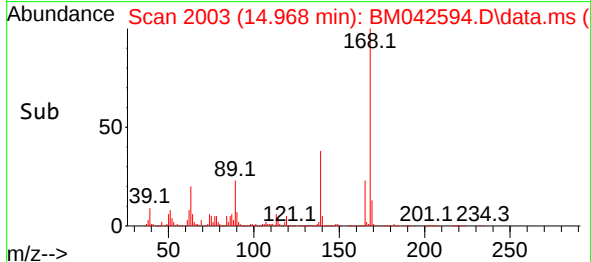
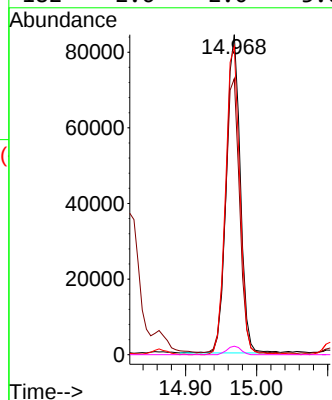
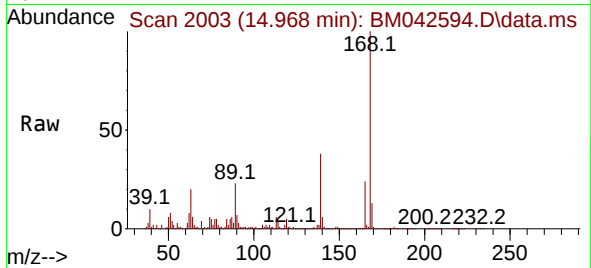




#57
2,4-Dinitrotoluene
Concen: 50.664 ng
RT: 14.968 min Scan# 2004
Delta R.T. 0.005 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

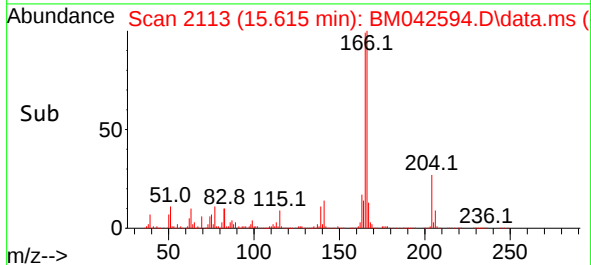
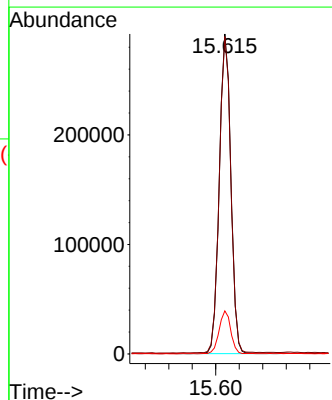
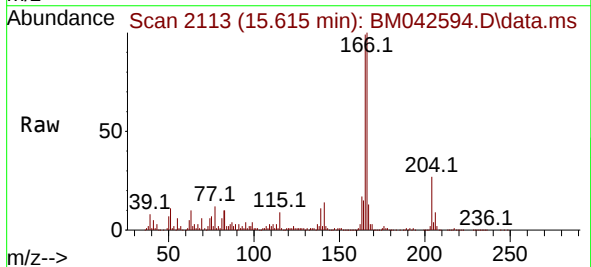
Instrument :
BNA_M
ClientSampleId :
SP-BMSD

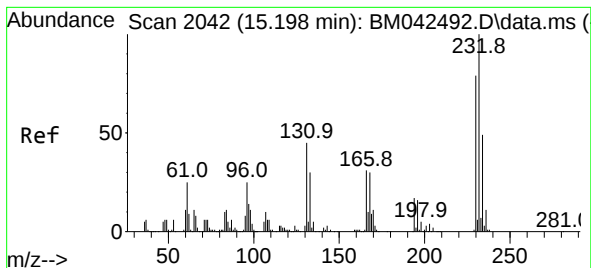
Tgt Ion:165 Resp: 115073
Ion Ratio Lower Upper
165 100
63 86.2 66.7 100.1
89 96.3 80.2 120.4
182 2.6 2.0 3.0



#58
Fluorene
Concen: 55.160 ng
RT: 15.615 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

Tgt Ion:166 Resp: 396097
Ion Ratio Lower Upper
166 100
165 99.2 79.3 118.9
167 13.5 10.5 15.7

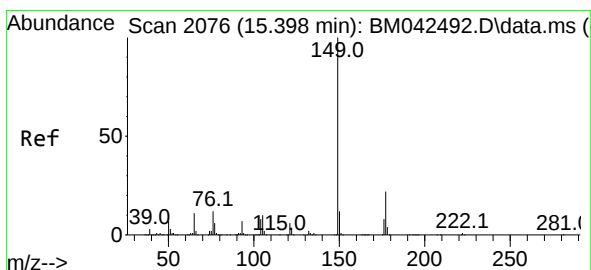
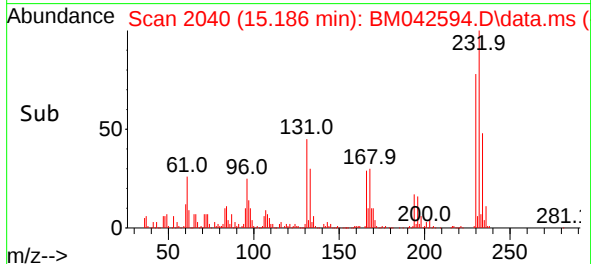
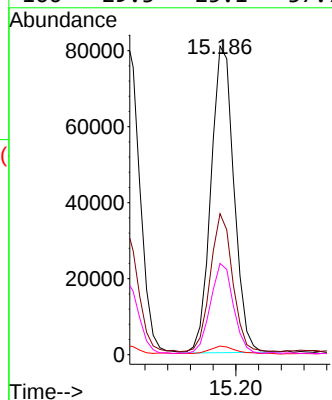
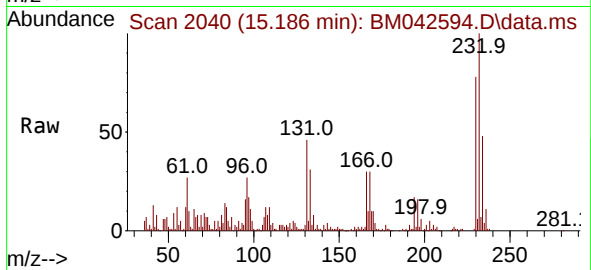




#59
2,3,4,6-Tetrachlorophenol
Concen: 61.026 ng
RT: 15.186 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

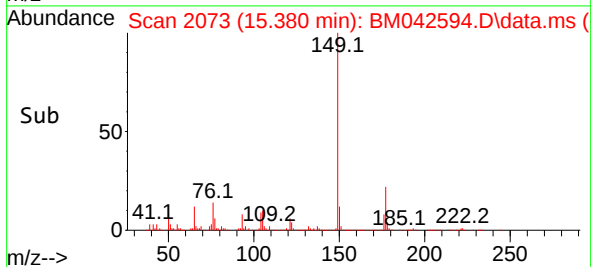
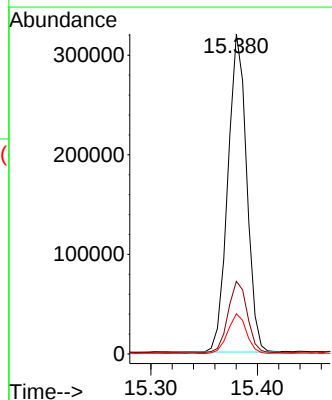
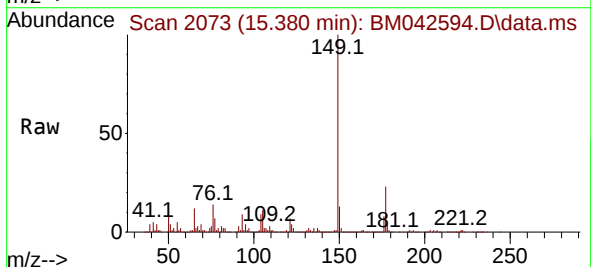
Instrument :
BNA_M
ClientSampleId :
SP-BMSD

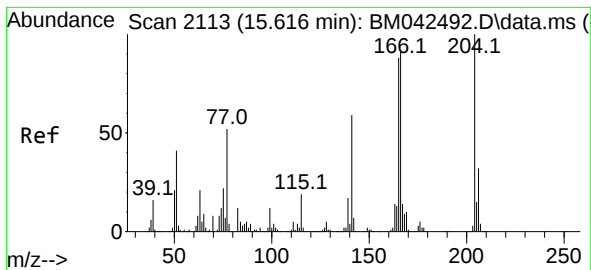
Tgt Ion:232 Resp: 113346
Ion Ratio Lower Upper
232 100
131 43.9 37.2 55.8
130 3.3 2.1 3.1#
166 29.3 25.1 37.7



#60
Diethylphthalate
Concen: 53.346 ng
RT: 15.380 min Scan# 2073
Delta R.T. -0.000 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

Tgt Ion:149 Resp: 391192
Ion Ratio Lower Upper
149 100
177 22.7 17.8 26.6
150 12.6 9.8 14.6

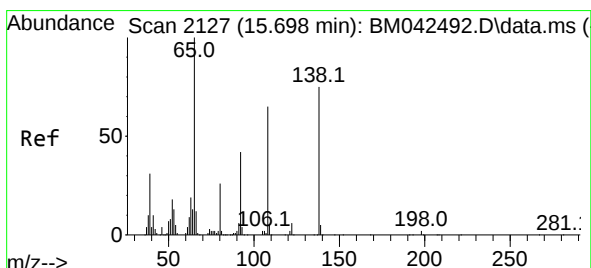
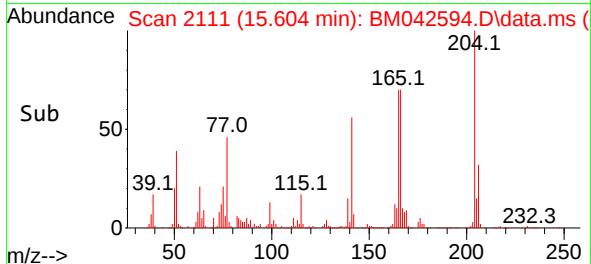
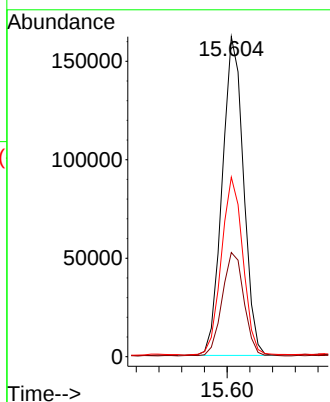
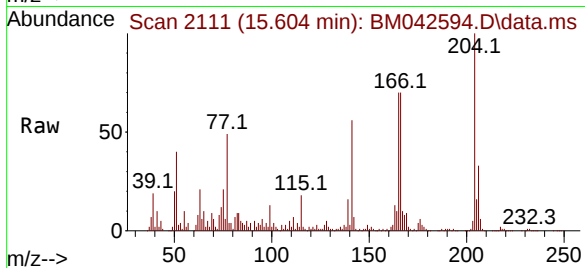




#61
4-Chlorophenyl-phenylether
Concen: 58.090 ng
RT: 15.604 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

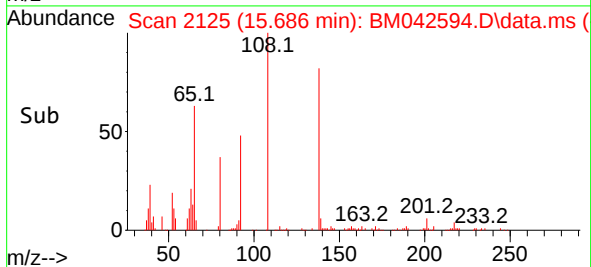
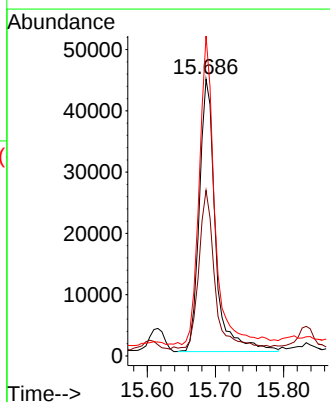
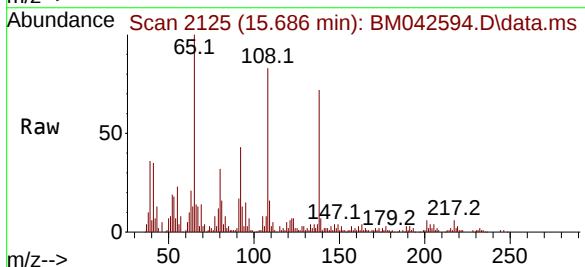
Instrument :
BNA_M
ClientSampleId :
SP-BMSD

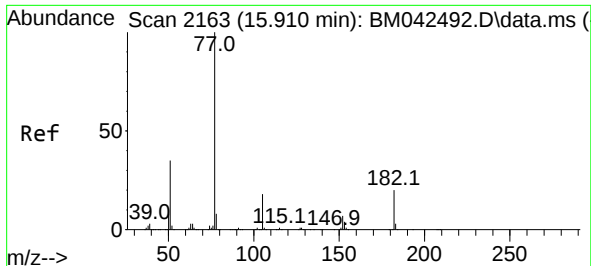
Tgt Ion:204 Resp: 210739
Ion Ratio Lower Upper
204 100
206 32.5 25.9 38.9
141 56.1 46.8 70.2



#62
4-Nitroaniline
Concen: 48.923 ng
RT: 15.686 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

Tgt Ion:138 Resp: 73287
Ion Ratio Lower Upper
138 100
92 59.8 37.0 77.0
108 115.6 67.2 107.2#

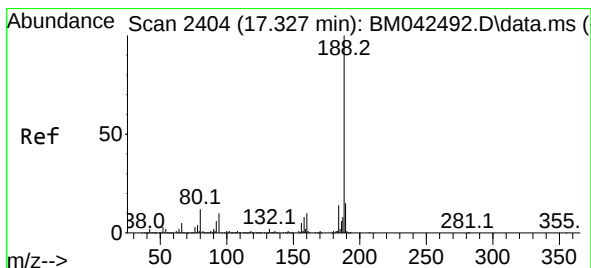
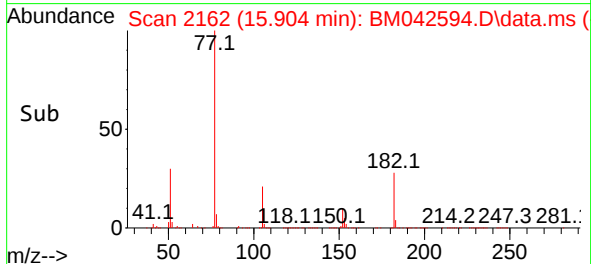
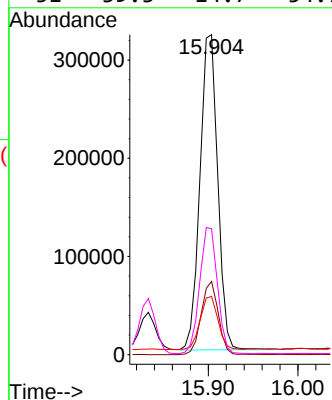
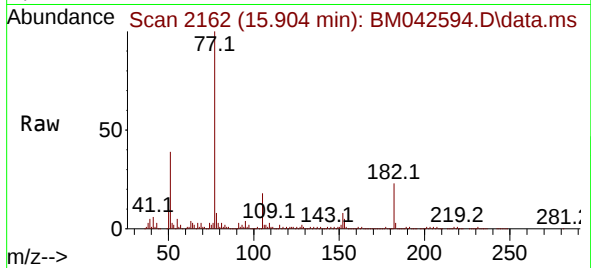




#63
Azobenzene
Concen: 54.675 ng
RT: 15.904 min Scan# 2162
Delta R.T. 0.006 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

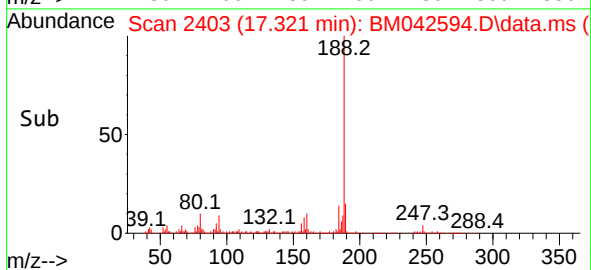
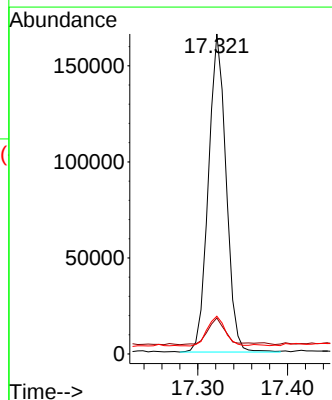
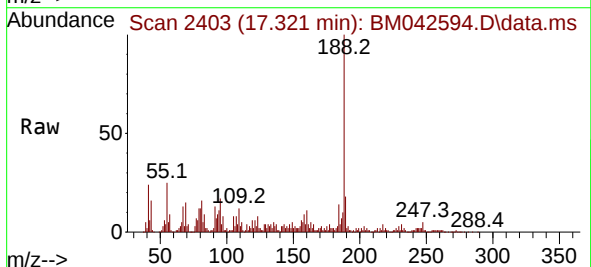
Instrument :
BNA_M
ClientSampleId :
SP-BMSD

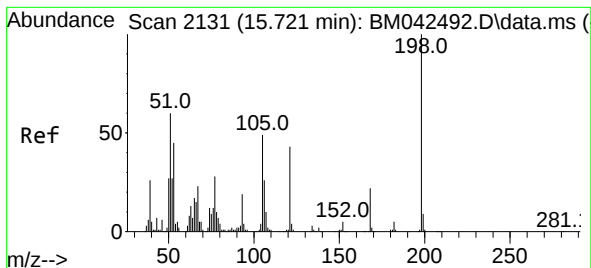
Tgt Ion: 77 Resp: 441814
Ion Ratio Lower Upper
77 100
182 22.9 0.0 40.0
105 18.2 0.0 37.9
51 39.3 14.7 54.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.321 min Scan# 2403
Delta R.T. 0.006 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

Tgt Ion: 188 Resp: 226848
Ion Ratio Lower Upper
188 100
94 11.3 8.2 12.4
80 11.8 9.4 14.2

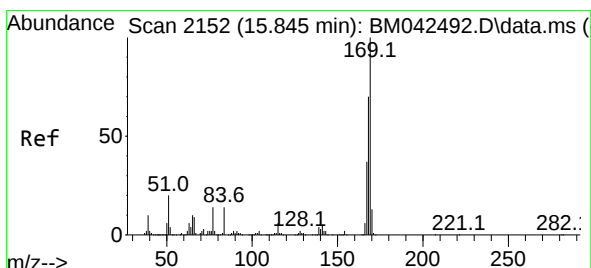
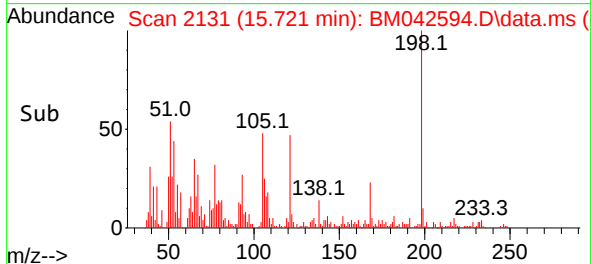
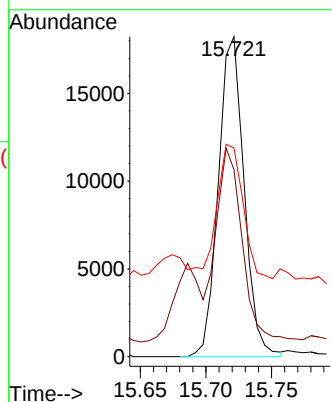
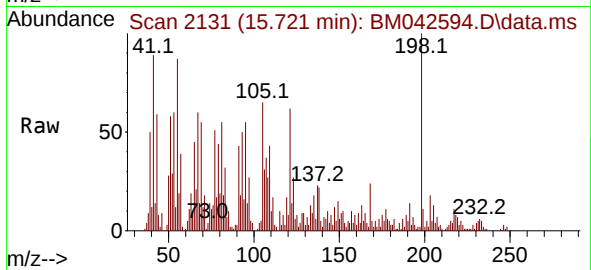




#65
4,6-Dinitro-2-methylphenol
Concen: 20.815 ng
RT: 15.721 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

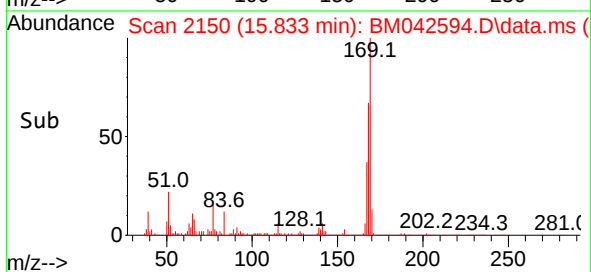
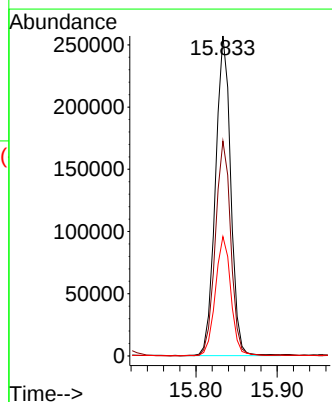
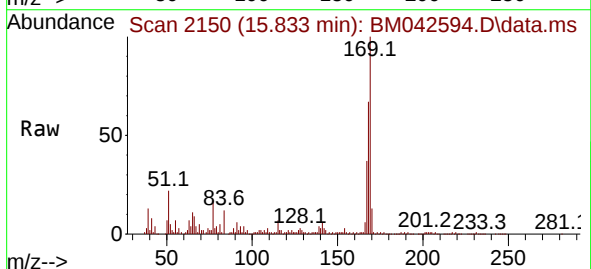
Instrument :
BNA_M
ClientSampleId :
SP-BMSD

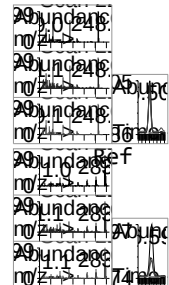
Tgt Ion:198 Resp: 24869
Ion Ratio Lower Upper
198 100
51 58.5 42.4 82.4
105 65.3 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 52.499 ng
RT: 15.833 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

Tgt Ion:169 Resp: 335798
Ion Ratio Lower Upper
169 100
168 67.2 55.9 83.9
167 37.3 29.8 44.8





Raw

Sub

Ref

Raw

Sub

#67
4-Bromophenyl-phenylether
Concen: 59.177 ng
RT: 16.504 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

Instrument :
BNA_M
ClientSampleId :
SP-BMSD

Tgt Ion:	248	Resp:	134234
Ion	Ratio	Lower	Upper
248	100		
250	95.6	79.4	119.0
141	73.7	57.0	85.6

#68
Hexachlorobenzene
Concen: 62.737 ng
RT: 16.592 min Scan# 2279
Delta R.T. 0.006 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

Tgt Ion:	284	Resp:	157435
Ion	Ratio	Lower	Upper
284	100		
142	34.7	29.8	44.6
249	31.0	25.1	37.7



#69
Atrazine
Concen: 74.920 ng
RT: 16.786 min Scan# 211
Delta R.T. 0.006 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

Instrument :
BNA_M
ClientSampleId :
SP-BMSD

Tgt Ion:	200	Resp:	138468
Ion	Ratio	Lower	Upper
200	100		
173	26.3	5.4	45.4
215	53.3	27.9	67.9

Raw

Sub

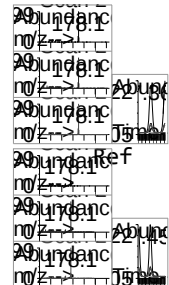
Ref

#70
Pentachlorophenol
Concen: 121.479 ng
RT: 16.957 min Scan# 2341
Delta R.T. 0.005 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

Tgt Ion:	266	Resp:	224114
Ion	Ratio	Lower	Upper
266	100		
268	65.0	51.7	77.5
264	62.7	49.4	74.2

Raw

Sub



#71
 Phenanthrene
 Concen: 52.618 ng
 RT: 17.368 min Scan# 24
 Delta R.T. 0.006 min
 Lab File: BM042594.D
 Acq: 04 Nov 2023 16:41

Instrument :
 BNA_M
 ClientSampleId :
 SP-BMSD

Tgt Ion:	178	Resp:	623777
Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.6	12.2	18.4

Raw

Sub

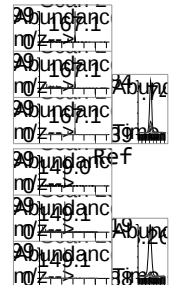
Ref

#72
 Anthracene
 Concen: 54.639 ng
 RT: 17.456 min Scan# 2426
 Delta R.T. 0.006 min
 Lab File: BM042594.D
 Acq: 04 Nov 2023 16:41

Tgt Ion:	178	Resp:	641582
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.2	22.8
179	15.8	12.3	18.5

Raw

Sub



#73
Carbazole
Concen: 58.995 ng
RT: 17.745 min Scan# 24
Delta R.T. 0.006 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

Instrument :
BNA_M
ClientSampleId :
SP-BMSD

Tgt Ion:167 Resp: 563542
Ion Ratio Lower Upper
167 100
166 22.0 17.4 26.2
139 13.6 10.5 15.7

Raw

Sub

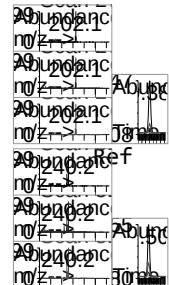
Ref

#74
Di-n-butylphthalate
Concen: 54.256 ng
RT: 18.262 min Scan# 2563
Delta R.T. 0.006 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

Tgt Ion:149 Resp: 727817
Ion Ratio Lower Upper
149 100
150 9.6 7.0 10.6
104 6.1 4.6 6.8

Raw

Sub



#75
 Fluoranthene
 Concen: 56.175 ng
 RT: 19.380 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BM042594.D
 Acq: 04 Nov 2023 16:41

Instrument :
 BNA_M
 ClientSampleId :
 SP-BMSD

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	30.5
203	18.0	0.0	37.0

Raw

Sub

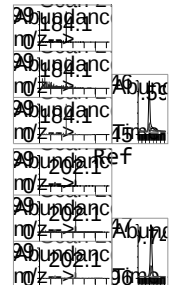
Ref

#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.503 min Scan# 3114
 Delta R.T. -0.000 min
 Lab File: BM042594.D
 Acq: 04 Nov 2023 16:41

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.7	8.3	12.5
236	26.0	20.8	31.2

Raw

Sub



#77
Benzidine
Concen: 86.665 ng
RT: 19.592 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

Instrument :
BNA_M
ClientSampleId :
SP-BMSD

Tgt Ion:184 Resp: 190603
Ion Ratio Lower Upper
184 100
185 17.4 11.2 16.8#
183 15.5 9.0 13.4#

Raw

Sub

Ref

#78
Pyrene
Concen: 52.676 ng
RT: 19.745 min Scan# 2815
Delta R.T. 0.006 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

Tgt Ion:202 Resp: 829327
Ion Ratio Lower Upper
202 100
200 21.4 16.9 25.3
203 18.0 13.7 20.5

Raw

Sub



Raw

Sub

Ref

Raw

Sub

#79
 Terphenyl-d14
 Concen: 85.724 ng
 RT: 19.933 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM042594.D
 Acq: 04 Nov 2023 16:41

Instrument :
 BNA_M
 ClientSampleId :
 SP-BMSD

Tgt Ion:244 Resp: 1159160

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.2
122	8.4	7.2	10.8

#80
 Butylbenzylphthalate
 Concen: 52.171 ng
 RT: 20.621 min Scan# 2964
 Delta R.T. -0.000 min
 Lab File: BM042594.D
 Acq: 04 Nov 2023 16:41

Tgt Ion:149 Resp: 350808

Ion	Ratio	Lower	Upper
149	100		
91	82.5	64.2	96.4
206	22.1	16.1	24.1



#81
 Benzo(a)anthracene
 Concen: 58.041 ng
 RT: 21.486 min Scan# 3102
 Delta R.T. -0.000 min
 Lab File: BM042594.D
 Acq: 04 Nov 2023 16:41

Instrument :
 BNA_M
 ClientSampleId :
 SP-BMSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.3	33.5
229	20.1	15.8	23.8

Raw

Sub

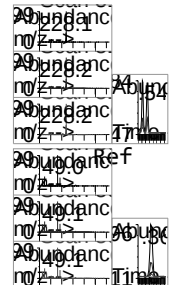
Ref

#82
 3,3'-Dichlorobenzidine
 Concen: 34.311 ng
 RT: 21.433 min Scan# 3102
 Delta R.T. 0.006 min
 Lab File: BM042594.D
 Acq: 04 Nov 2023 16:41

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.8	52.2	78.4
126	10.0	8.9	13.3

Raw

Sub



#83

Chrysene

Concen: 52.538 ng

RT: 21.544 min Scan# 31

Delta R.T. 0.006 min

Lab File: BM042594.D

Acq: 04 Nov 2023 16:41

Instrument :

BNA_M

ClientSampleId :

SP-BMSD

Tgt Ion:228 Resp: 778518

Ion Ratio Lower Upper

228 100

226 30.2 24.4 36.6

229 19.6 15.7 23.5

Raw

Sub

Ref

#84

Bis(2-ethylhexyl)phthalate

Concen: 51.411 ng

RT: 21.362 min Scan# 3090

Delta R.T. -0.000 min

Lab File: BM042594.D

Acq: 04 Nov 2023 16:41

Tgt Ion:149 Resp: 522467

Ion Ratio Lower Upper

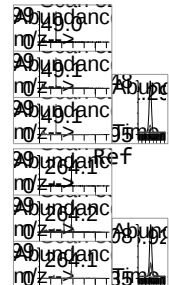
149 100

167 27.3 21.4 32.0

279 4.4 3.4 5.2

Raw

Sub



#85
Di-n-octyl phthalate
Concen: 52.177 ng
RT: 22.291 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

Instrument :
BNA_M
ClientSampleId :
SP-BMSD

Tgt Ion:149 Resp: 912684
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 13.6 10.2 15.2

Raw

Sub

Ref

#86
Perylene-d12
Concen: 20.000 ng
RT: 23.921 min Scan# 3525
Delta R.T. 0.006 min
Lab File: BM042594.D
Acq: 04 Nov 2023 16:41

Tgt Ion:264 Resp: 258954
Ion Ratio Lower Upper
264 100
260 25.9 19.0 28.4
265 23.9 18.7 28.1

Raw

Sub



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 62.366 ng
 RT: 26.468 min Scan# 3399
 Delta R.T. 0.017 min
 Lab File: BM042594.D
 Acq: 04 Nov 2023 16:41

Instrument :
 BNA_M
 ClientSampleId :
 SP-BMSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.3	20.6	31.0#
277	25.0	19.5	29.3

Raw

Sub

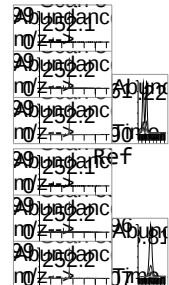
Ref

#88
 Benzo(b)fluoranthene
 Concen: 58.852 ng
 RT: 23.180 min Scan# 3399
 Delta R.T. 0.005 min
 Lab File: BM042594.D
 Acq: 04 Nov 2023 16:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	7.4	7.8	11.6#

Raw

Sub



#89
 Benzo(k)fluoranthene
 Concen: 49.309 ng
 RT: 23.227 min Scan# 34
 Delta R.T. 0.006 min
 Lab File: BM042594.D
 Acq: 04 Nov 2023 16:41

Instrument :
 BNA_M
 ClientSampleId :
 SP-BMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	7.6	8.2	12.4

Raw

Sub

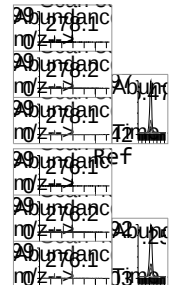
Ref

#90
 Benzo(a)pyrene
 Concen: 50.554 ng
 RT: 23.815 min Scan# 3507
 Delta R.T. 0.006 min
 Lab File: BM042594.D
 Acq: 04 Nov 2023 16:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	8.9	9.4	14.2

Raw

Sub



Raw

Sub

Ref

Raw

Sub

#91
 Dibenzo(a,h)anthracene
 Concen: 55.737 ng
 RT: 26.479 min Scan# 31
 Delta R.T. 0.011 min
 Lab File: BM042594.D
 Acq: 04 Nov 2023 16:41

Instrument :
 BNA_M
 ClientSampleId :
 SP-BMSD

Tgt Ion:	278	Resp:	803429
Ion	Ratio	Lower	Upper
278	100		
139	11.7	13.4	20.2#
279	23.9	19.7	29.5

#92
 Benzo(g,h,i)perylene
 Concen: 56.560 ng
 RT: 27.256 min Scan# 4092
 Delta R.T. 0.011 min
 Lab File: BM042594.D
 Acq: 04 Nov 2023 16:41

Tgt Ion:	276	Resp:	768303
Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.2	28.8
138	16.7	17.3	25.9#