

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080823\
 Data File : BM041337.D
 Acq On : 08 Aug 2023 20:28
 Operator : MA/JU
 Sample : 03919-04MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-36MSD

Quant Time: Aug 09 01:19:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 17:25:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	108419	20.000	ng	0.00
21) Naphthalene-d8	10.586	136	408359	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	218967	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	420989	20.000	ng	0.00
76) Chrysene-d12	21.415	240	378488	20.000	ng	0.00
86) Perylene-d12	23.780	264	461747	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	720271	99.291	ng	0.00
7) Phenol-d6	6.963	99	891699	94.831	ng	0.00
23) Nitrobenzene-d5	8.957	82	589854	67.173	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	316964	102.340	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	1154016	66.577	ng	0.00
79) Terphenyl-d14	19.845	244	1402779	67.011	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.258	88	130538	42.065	ng	96
3) Pyridine	3.658	79	319311	39.134	ng	97
4) n-Nitrosodimethylamine	3.575	42	169356	44.878	ng	97
6) Aniline	7.116	93	304733	27.692	ng	100
8) 2-Chlorophenol	7.346	128	354463	50.053	ng	99
9) Benzaldehyde	6.928	77	181142	36.509	ng	96
10) Phenol	6.993	94	442116	48.681	ng	96
11) bis(2-Chloroethyl)ether	7.216	93	355090	48.302	ng	99
12) 1,3-Dichlorobenzene	7.663	146	408852	53.038	ng	99
13) 1,4-Dichlorobenzene	7.816	146	414991	53.560	ng	99
14) 1,2-Dichlorobenzene	8.128	146	395397	53.223	ng	99
15) Benzyl Alcohol	8.040	79	325921	54.886	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.322	45	444539	45.385	ng	95
17) 2-Methylphenol	8.240	107	289936	46.729	ng	98
18) Hexachloroethane	8.845	117	159464	55.282	ng	96
19) n-Nitroso-di-n-propyla...	8.598	70	281818	49.343	ng	98
20) 3+4-Methylphenols	8.569	107	387058	46.656	ng	99
22) Acetophenone	8.616	105	533084	49.291	ng	# 99
24) Nitrobenzene	8.998	77	423789	47.723	ng	98
25) Isophorone	9.522	82	731498	49.074	ng	100
26) 2-Nitrophenol	9.710	139	190550	54.891	ng	95
27) 2,4-Dimethylphenol	9.775	122	280018	45.840	ng	96
28) bis(2-Chloroethoxy)met...	10.010	93	439080	47.025	ng	100
29) 2,4-Dichlorophenol	10.245	162	318762	51.745	ng	98
30) 1,2,4-Trichlorobenzene	10.451	180	367907	54.056	ng	99
31) Naphthalene	10.634	128	1053303	47.532	ng	100
32) Benzoic acid	9.945	122	219501	47.867	ng	98
33) 4-Chloroaniline	10.775	127	86266	9.741	ng	99
34) Hexachlorobutadiene	10.904	225	235789	57.603	ng	100
35) Caprolactam	11.586	113	85331	47.884	ng	# 83
36) 4-Chloro-3-methylphenol	11.904	107	313753	48.391	ng	98
37) 2-Methylnaphthalene	12.257	142	690367	46.210	ng	99
38) 1-Methylnaphthalene	12.475	142	666426	47.661	ng	99
40) 1,2,4,5-Tetrachloroben...	12.628	216	389718	54.812	ng	98
41) Hexachlorocyclopentadiene	12.592	237	419189	111.440	ng	99
43) 2,4,6-Trichlorophenol	12.880	196	246427	54.075	ng	98

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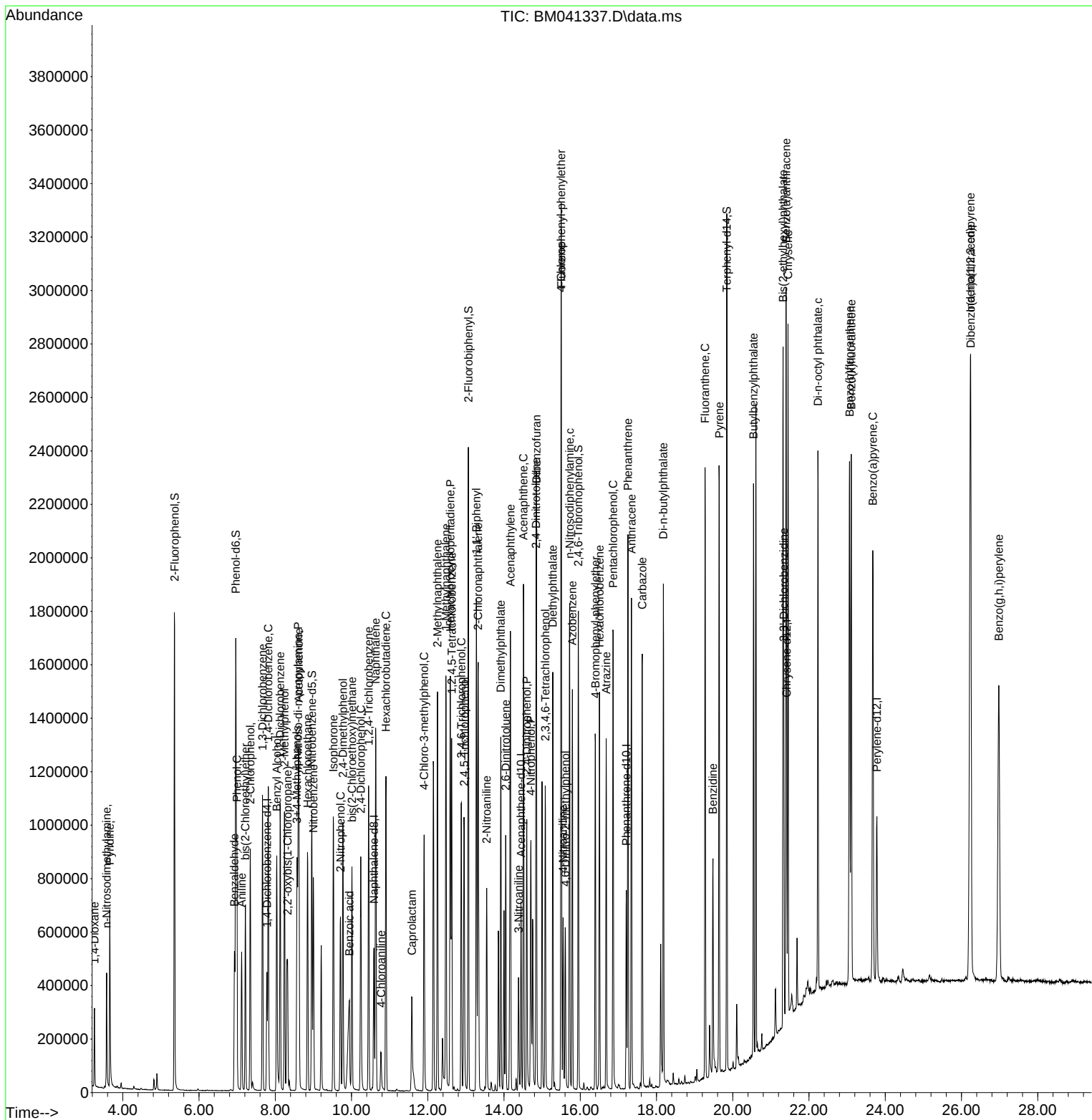
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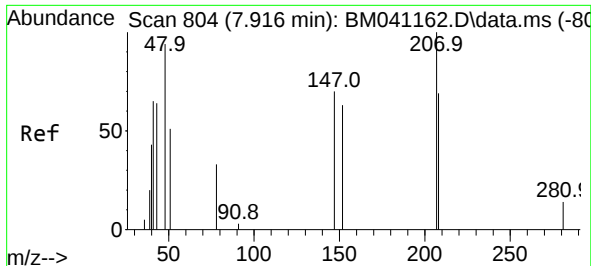
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	261578	49.592	ng	95
46) 1,1'-Biphenyl	13.275	154	889979	50.136	ng	99
47) 2-Chloronaphthalene	13.316	162	696908	52.579	ng	99
48) 2-Nitroaniline	13.545	65	208434	49.266	ng	97
49) Acenaphthylene	14.169	152	1085999	50.763	ng	100
50) Dimethylphthalate	13.916	163	799518	48.541	ng	100
51) 2,6-Dinitrotoluene	14.045	165	174758	51.206	ng	100
52) Acenaphthene	14.510	154	624737	48.474	ng	100
53) 3-Nitroaniline	14.380	138	102161	27.057	ng	97
54) 2,4-Dinitrophenol	14.598	184	210912	90.675	ng	92
55) Dibenzofuran	14.851	168	1004566	47.774	ng	99
56) 4-Nitrophenol	14.704	139	272116	95.670	ng	95
57) 2,4-Dinitrotoluene	14.839	165	230400	47.315	ng	97
58) Fluorene	15.504	166	789350	47.584	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.080	232	221748	51.917	ng	97
60) Diethylphthalate	15.280	149	774406	48.618	ng	99
61) 4-Chlorophenyl-phenyle...	15.498	204	408761	49.174	ng	98
62) 4-Nitroaniline	15.551	138	153777	42.744	ng	96
63) Azobenzene	15.792	77	815122	46.718	ng	98
65) 4,6-Dinitro-2-methylph...	15.610	198	131771	51.668	ng	89
66) n-Nitrosodiphenylamine	15.721	169	649629	49.616	ng	100
67) 4-Bromophenyl-phenylether	16.398	248	241441	52.307	ng	99
68) Hexachlorobenzene	16.504	284	283174	55.172	ng	99
69) Atrazine	16.680	200	225159	65.483	ng	99
70) Pentachlorophenol	16.863	266	309669	87.130	ng	100
71) Phenanthrene	17.251	178	1141748	48.813	ng	100
72) Anthracene	17.345	178	1144421	49.470	ng	100
73) Carbazole	17.627	167	1016175	48.532	ng	100
74) Di-n-butylphthalate	18.180	149	1263457	53.400	ng	100
75) Fluoranthene	19.274	202	1270828	48.360	ng	100
77) Benzidine	19.480	184	503570	97.615	ng	99
78) Pyrene	19.645	202	1341074	50.667	ng	99
80) Butylbenzylphthalate	20.545	149	539912	55.859	ng	100
81) Benzo(a)anthracene	21.398	228	1295011	50.471	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	377251	45.058	ng	99
83) Chrysene	21.450	228	1187864	47.863	ng	100
84) Bis(2-ethylhexyl)phtha...	21.321	149	784049	50.916	ng	# 97
85) Di-n-octyl phthalate	22.233	149	1341169	54.902	ng	96
87) Indeno(1,2,3-cd)pyrene	26.233	276	1807918	53.255	ng	96
88) Benzo(b)fluoranthene	23.062	252	1393260	50.792	ng	98
89) Benzo(k)fluoranthene	23.109	252	1281510	45.672	ng	99
90) Benzo(a)pyrene	23.674	252	1234296	46.830	ng	98
91) Dibenzo(a,h)anthracene	26.244	278	1518663	53.633	ng	97
92) Benzo(g,h,i)perylene	26.980	276	1448408	52.277	ng	96

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

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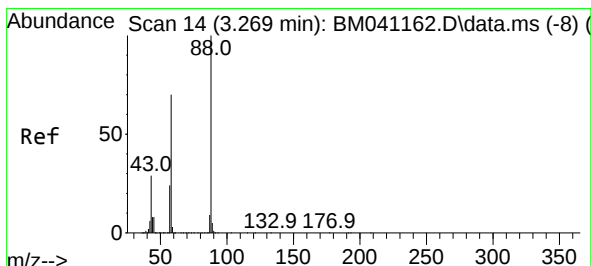
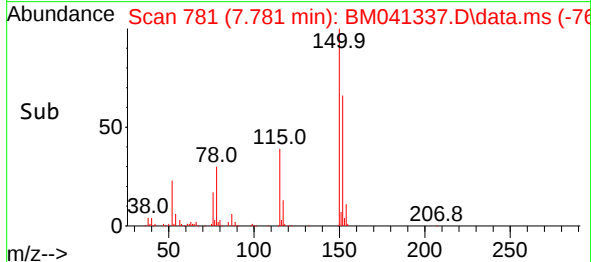
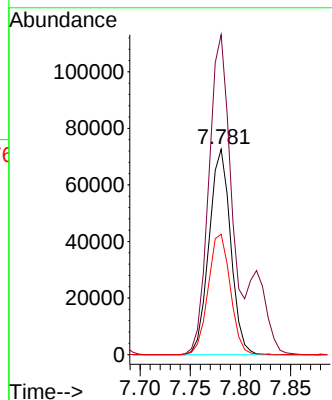
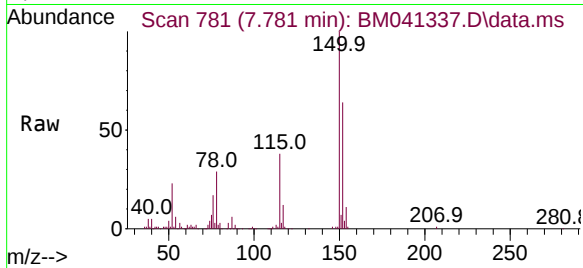




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 781
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

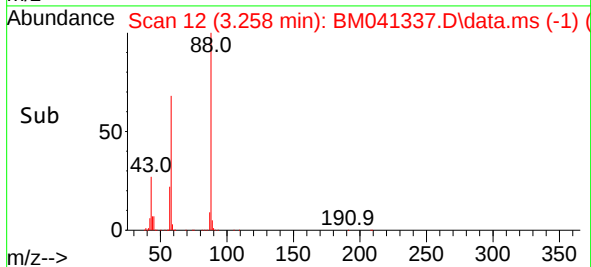
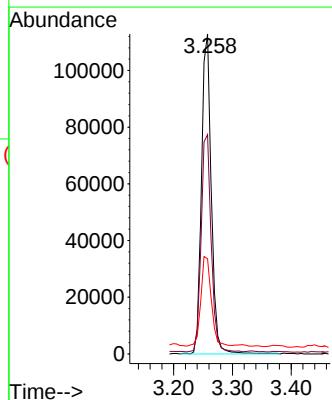
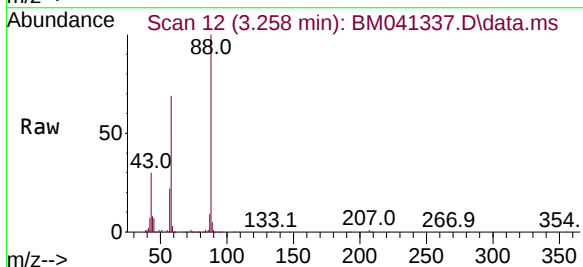
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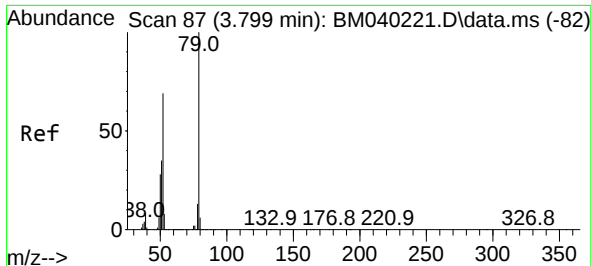
Tgt Ion:152 Resp: 108419
Ion Ratio Lower Upper
152 100
150 155.9 125.5 188.3
115 58.7 48.0 72.0



#2
1,4-Dioxane
Concen: 42.065 ng
RT: 3.258 min Scan# 12
Delta R.T. 0.000 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

Tgt Ion: 88 Resp: 130538
Ion Ratio Lower Upper
88 100
58 69.1 58.2 87.4
43 29.7 24.4 36.6

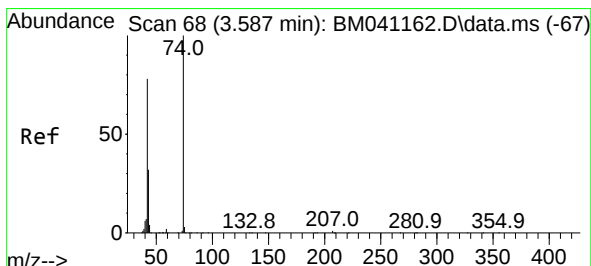
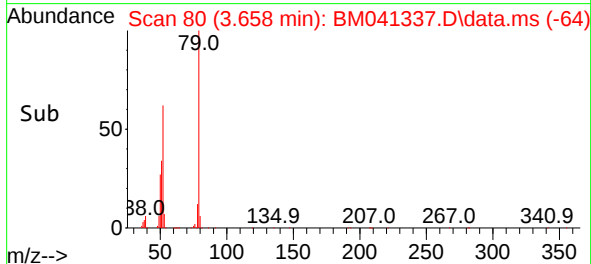
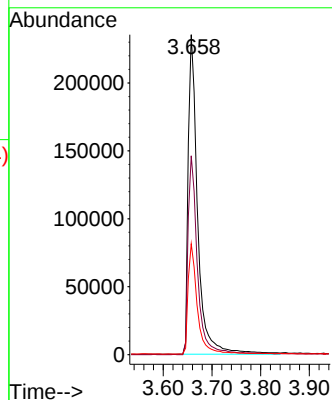
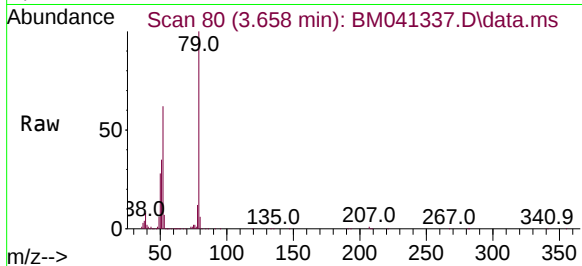




#3
 Pyridine
 Concen: 39.134 ng
 RT: 3.658 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BM041337.D
 Acq: 08 Aug 2023 20:28

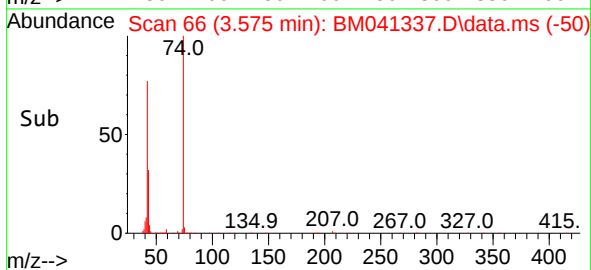
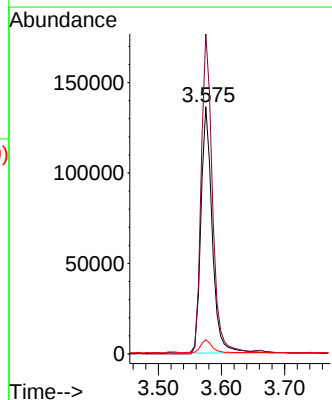
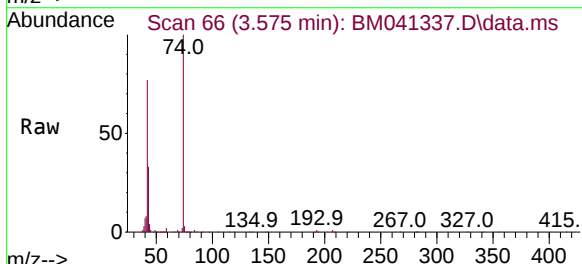
Instrument :
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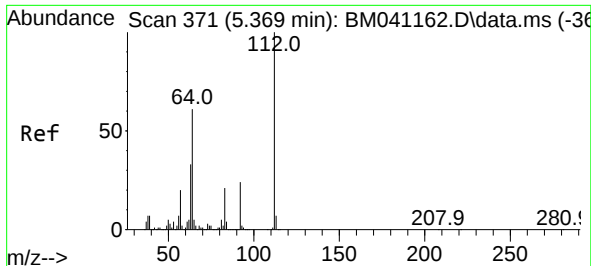
Tgt Ion: 79 Resp: 319311
 Ion Ratio Lower Upper
 79 100
 52 62.1 52.1 78.1
 51 34.7 27.5 41.3



#4
 n-Nitrosodimethylamine
 Concen: 44.878 ng
 RT: 3.575 min Scan# 66
 Delta R.T. -0.006 min
 Lab File: BM041337.D
 Acq: 08 Aug 2023 20:28

Tgt Ion: 42 Resp: 169356
 Ion Ratio Lower Upper
 42 100
 74 129.4 100.8 151.2
 44 5.7 5.0 7.4

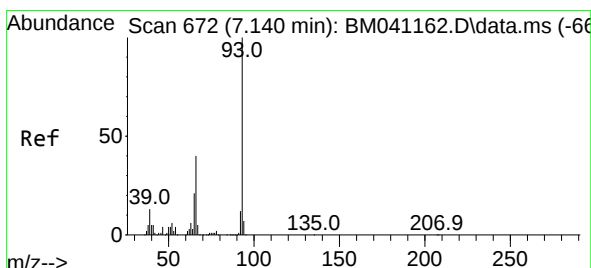
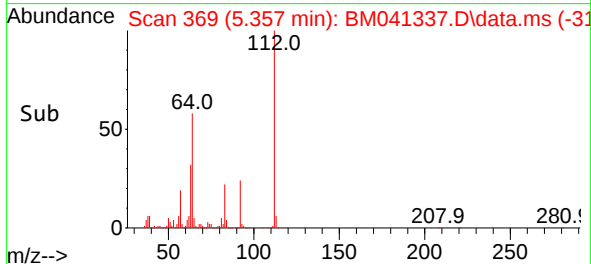
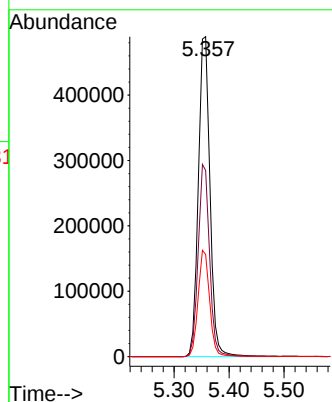
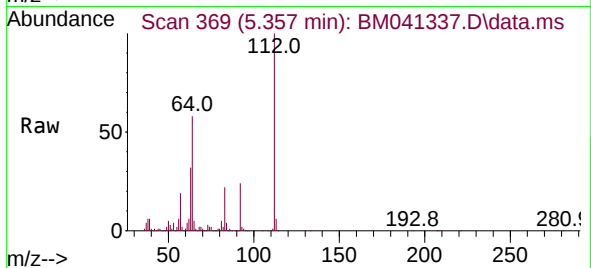




#5
2-Fluorophenol
Concen: 99.291 ng
RT: 5.357 min Scan# 369
Delta R.T. 0.000 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

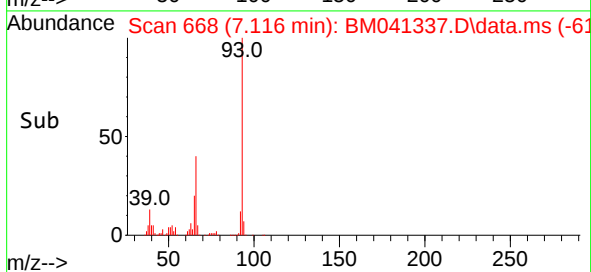
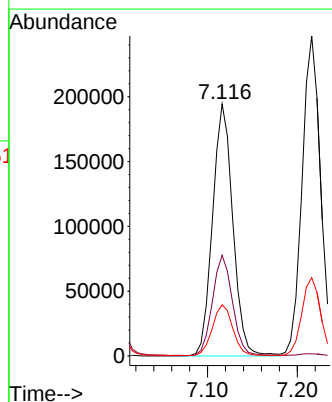
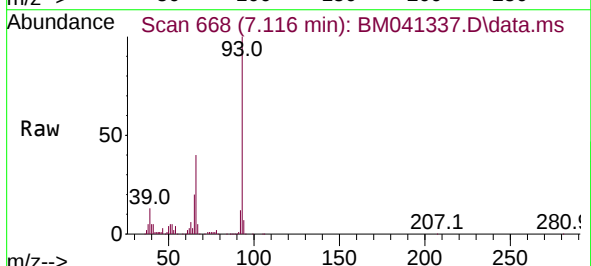
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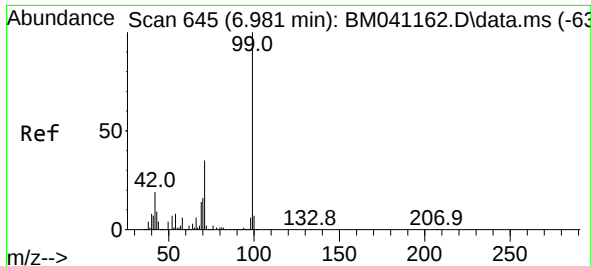
Tgt Ion:	112	Resp:	720271
Ion Ratio	Lower	Upper	
112	100		
64	58.2	48.5	72.7
63	31.9	26.5	39.7



#6
Aniline
Concen: 27.692 ng
RT: 7.116 min Scan# 668
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

Tgt Ion:	93	Resp:	304733
Ion Ratio	Lower	Upper	
93	100		
66	39.9	32.0	48.0
65	20.3	16.6	24.8

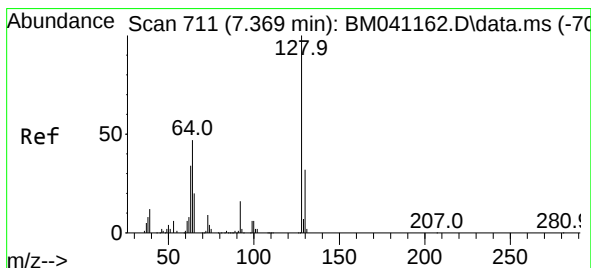
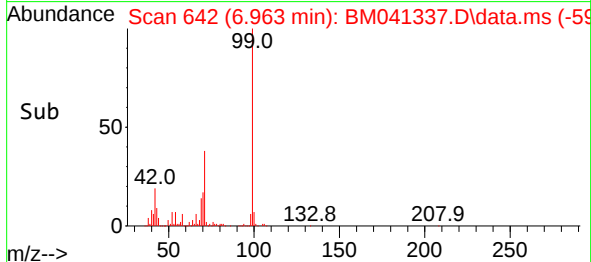
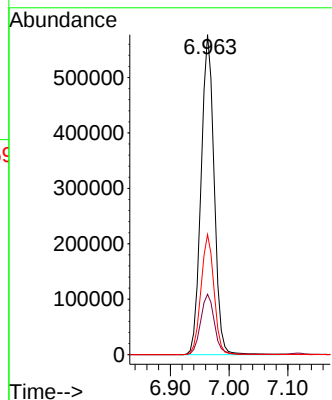
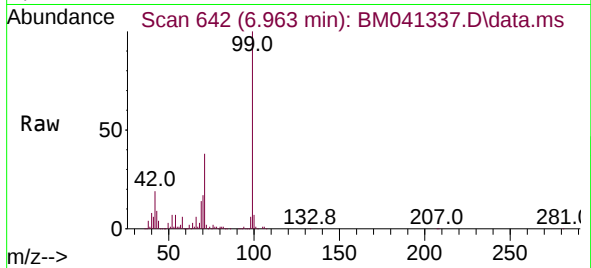




#7
Phenol-d6
Concen: 94.831 ng
RT: 6.963 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

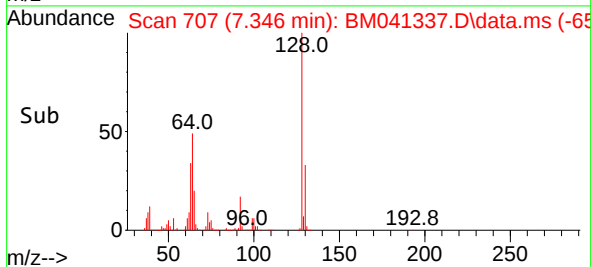
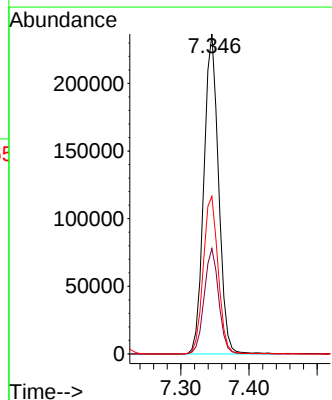
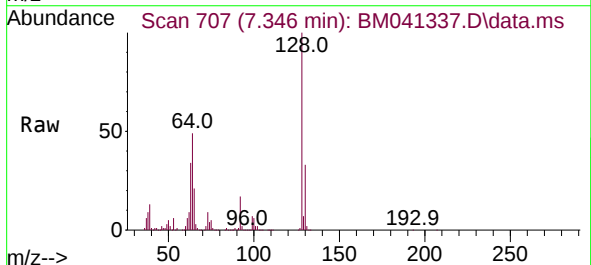
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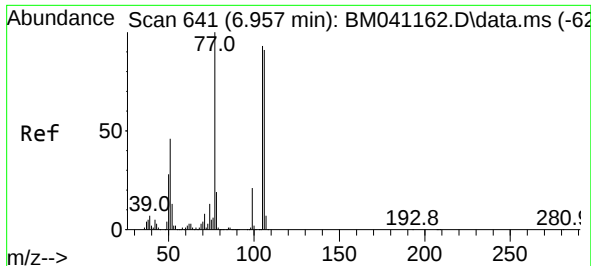
Tgt Ion: 99 Resp: 891699
Ion Ratio Lower Upper
99 100
42 18.9 15.4 23.0
71 37.5 28.2 42.4



#8
2-Chlorophenol
Concen: 50.053 ng
RT: 7.346 min Scan# 707
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

Tgt Ion: 128 Resp: 354463
Ion Ratio Lower Upper
128 100
130 32.9 12.3 52.3
64 49.2 29.3 69.3

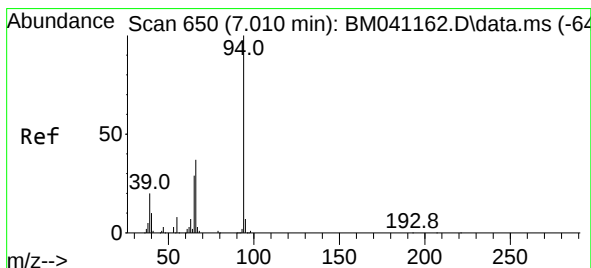
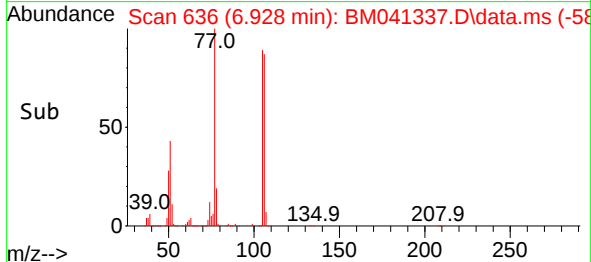
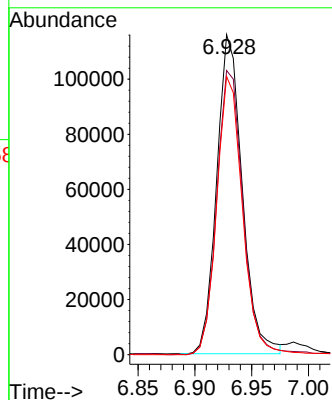
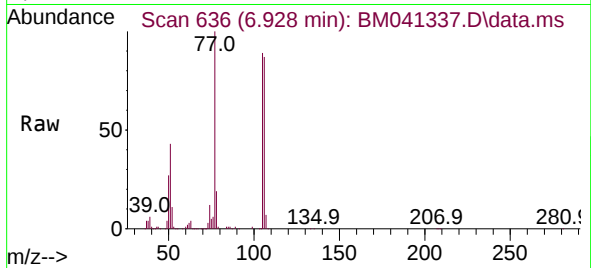




#9
Benzaldehyde
Concen: 36.509 ng
RT: 6.928 min Scan# 641
Delta R.T. -0.006 min
Lab File: BM041337.D
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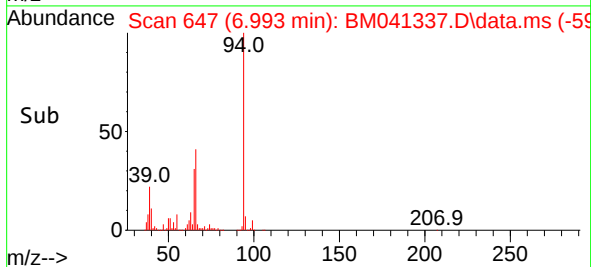
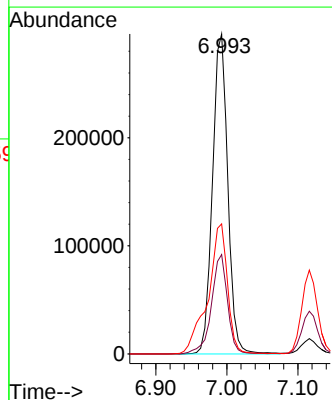
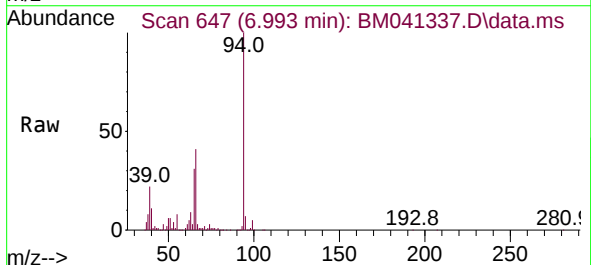
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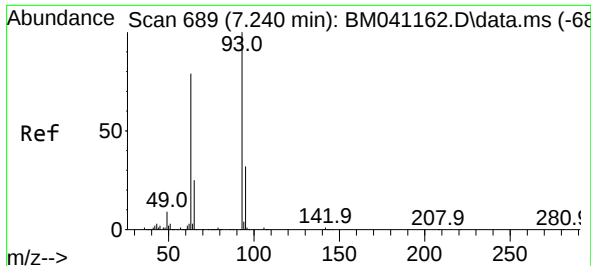
Tgt Ion: 77 Resp: 181142
Ion Ratio Lower Upper
77 100
105 88.8 72.8 112.8
106 86.9 70.8 110.8



#10
Phenol
Concen: 48.681 ng
RT: 6.993 min Scan# 647
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

Tgt Ion: 94 Resp: 442116
Ion Ratio Lower Upper
94 100
65 31.0 9.5 49.5
66 40.6 18.0 58.0

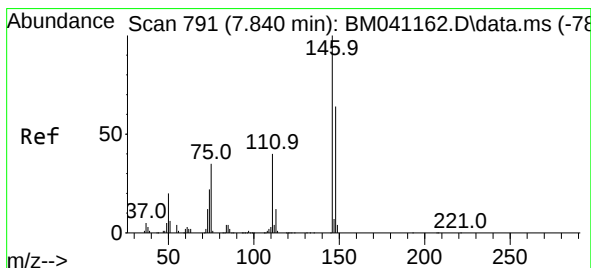
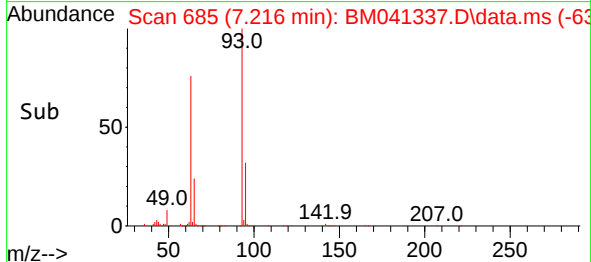
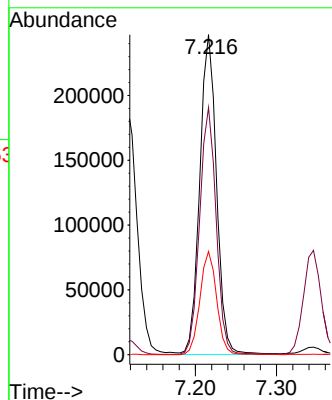
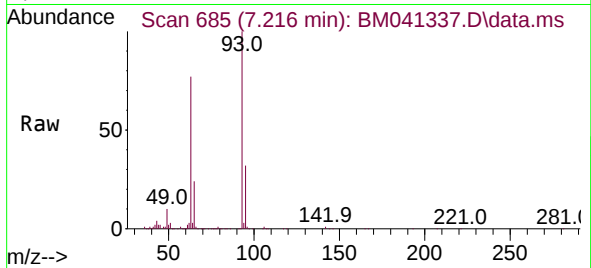




#11
bis(2-Chloroethyl)ether
Concen: 48.302 ng
RT: 7.216 min Scan# 685
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

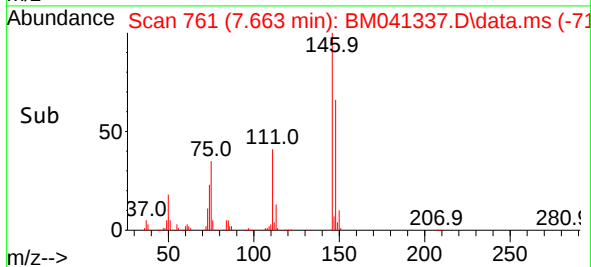
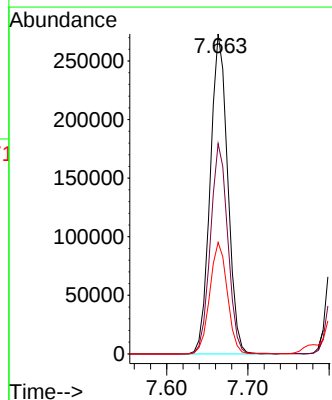
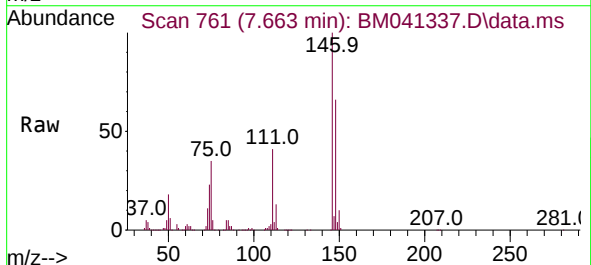
Instrument :
BNA_M
ClientSampleId :
TP-36MSD

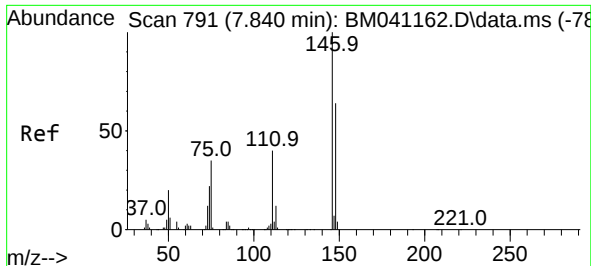
Tgt Ion: 93 Resp: 355090
Ion Ratio Lower Upper
93 100
63 77.2 58.8 98.8
95 32.2 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 53.038 ng
RT: 7.663 min Scan# 761
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

Tgt Ion: 146 Resp: 408852
Ion Ratio Lower Upper
146 100
148 65.7 51.9 77.9
75 34.8 28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 53.560 ng

RT: 7.816 min Scan# 78

Delta R.T. -0.006 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

Instrument :

BNA_M

ClientSampleId :

TP-36MSD

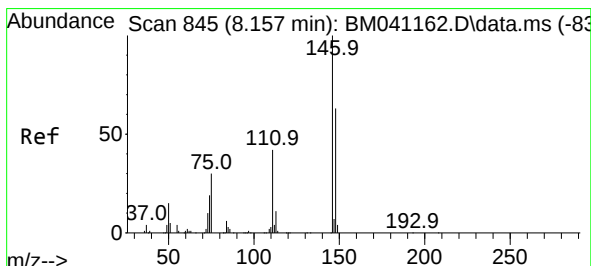
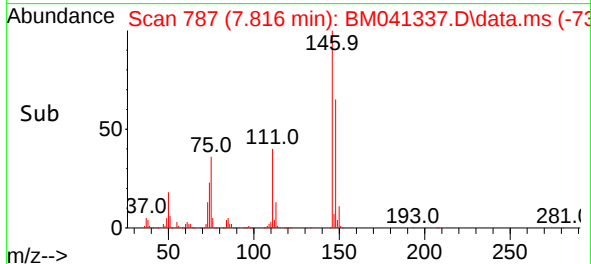
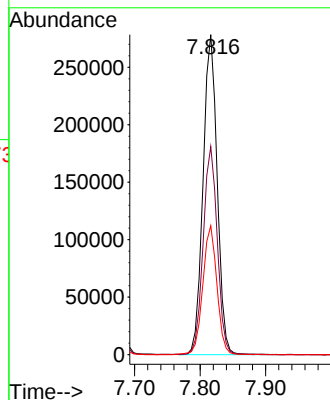
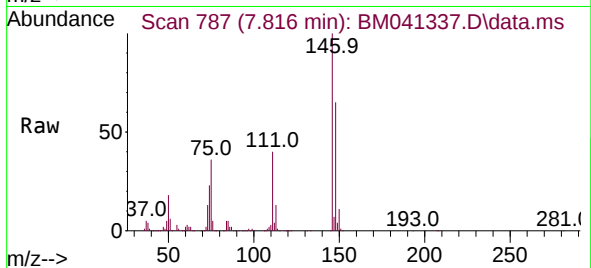
Tgt Ion:146 Resp: 414991

Ion Ratio Lower Upper

146 100

148 65.0 51.4 77.0

111 40.3 32.4 48.6



#14

1,2-Dichlorobenzene

Concen: 53.223 ng

RT: 8.128 min Scan# 840

Delta R.T. -0.006 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

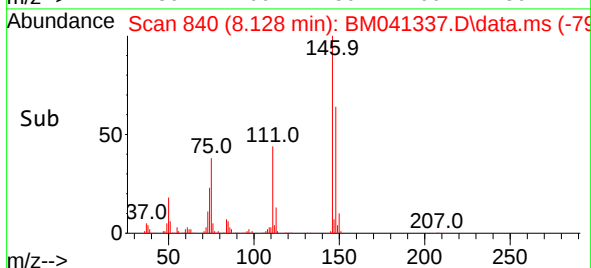
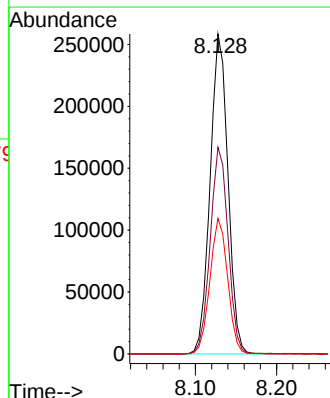
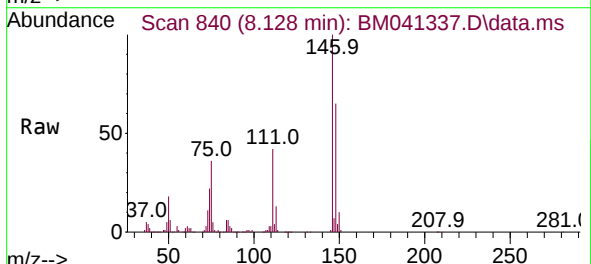
Tgt Ion:146 Resp: 395397

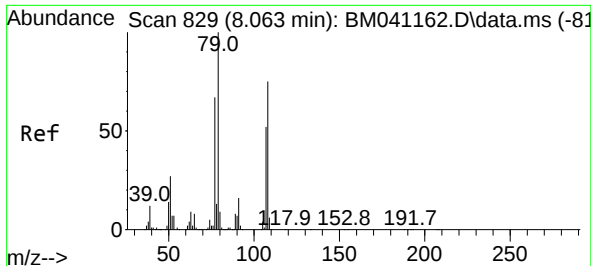
Ion Ratio Lower Upper

146 100

148 64.6 50.9 76.3

111 42.4 33.8 50.6

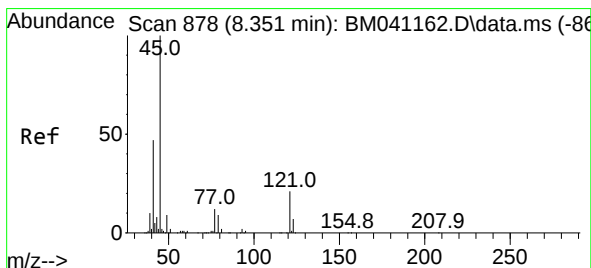
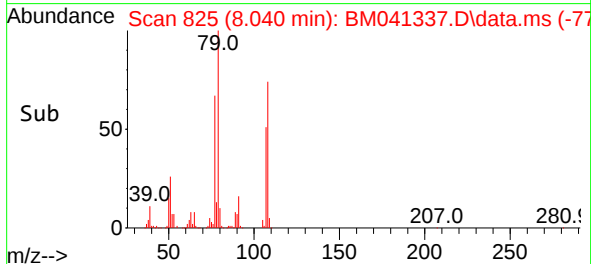
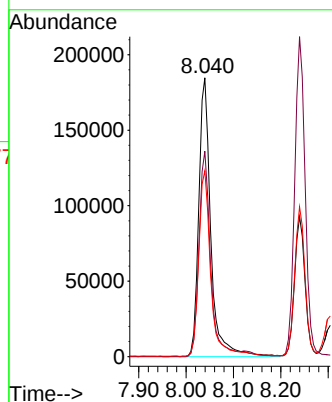
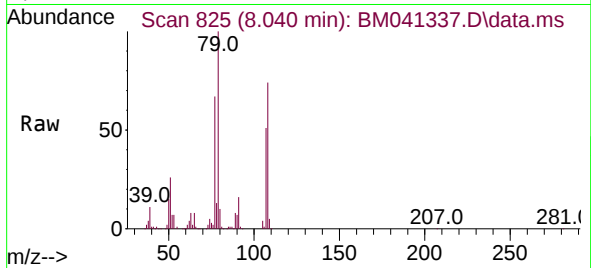




#15
Benzyl Alcohol
Concen: 54.886 ng
RT: 8.040 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

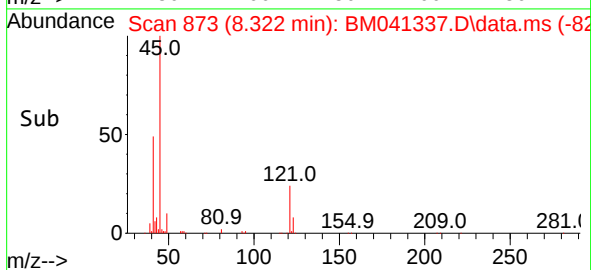
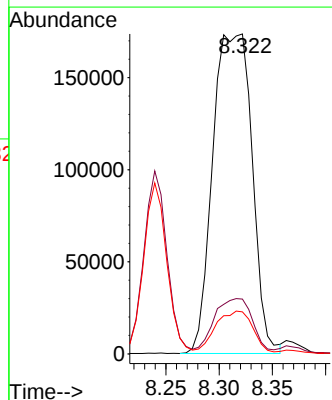
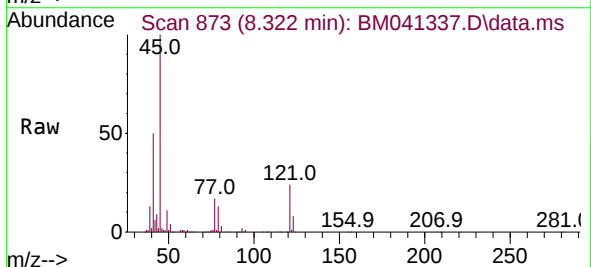
Instrument :
BNA_M
ClientSampleId :
TP-36MSD

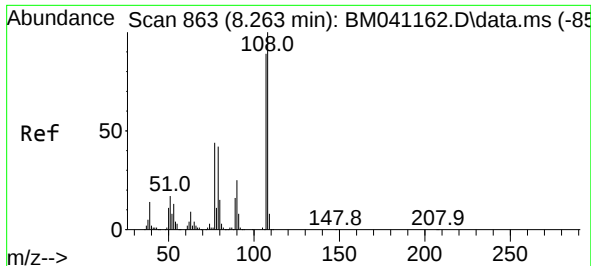
Tgt Ion: 79 Resp: 325921
Ion Ratio Lower Upper
79 100
108 73.7 59.8 89.8
77 66.7 53.8 80.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.385 ng
RT: 8.322 min Scan# 873
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

Tgt Ion: 45 Resp: 444539
Ion Ratio Lower Upper
45 100
77 17.1 0.0 34.5
79 13.1 0.0 32.1



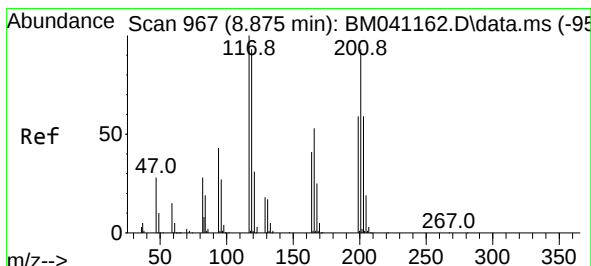
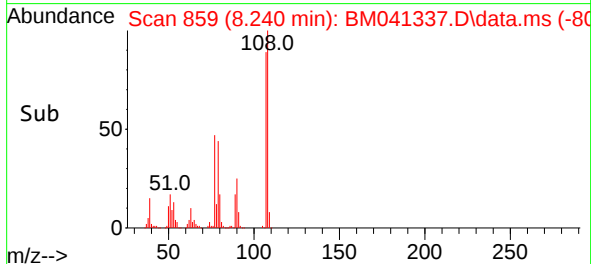
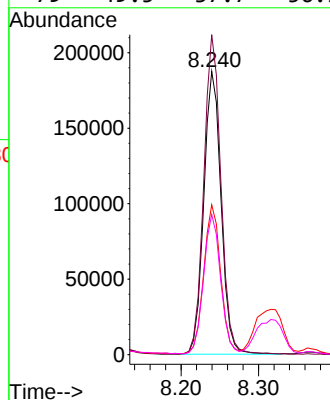
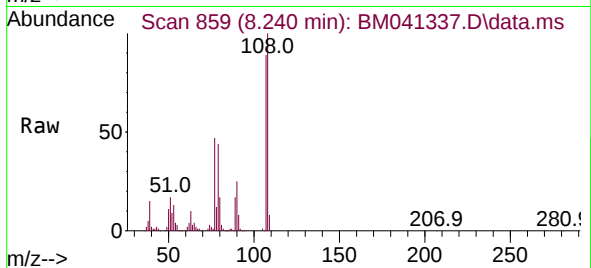


#17
2-Methylphenol
Concen: 46.729 ng
RT: 8.240 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

Instrument :
BNA_M
ClientSampleId :
TP-36MSD

Tgt Ion:107 Resp: 289936

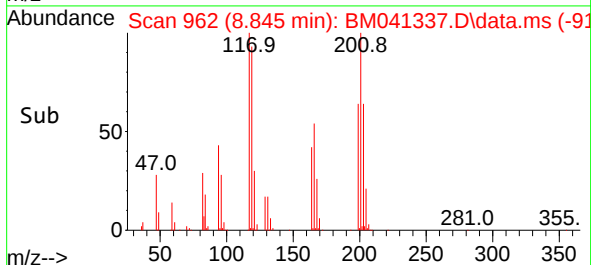
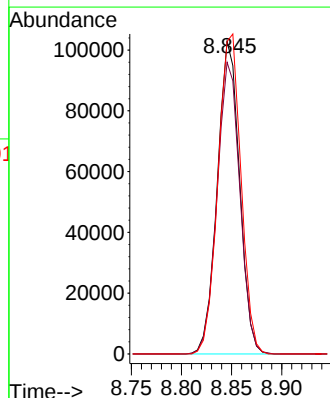
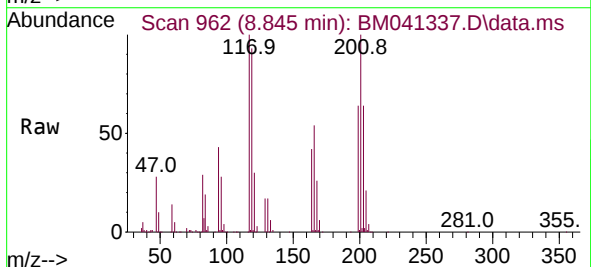
Ion	Ratio	Lower	Upper
107	100		
108	113.0	89.9	134.9
77	52.9	39.8	59.8
79	49.5	37.7	56.5

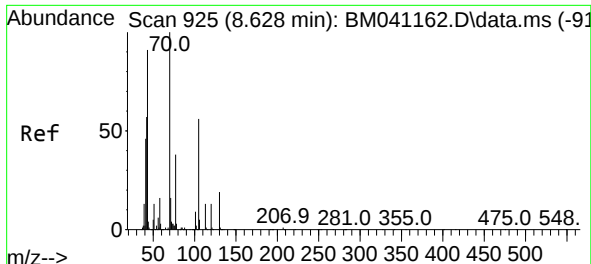


#18
Hexachloroethane
Concen: 55.282 ng
RT: 8.845 min Scan# 962
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

Tgt Ion:117 Resp: 159464

Ion	Ratio	Lower	Upper
117	100		
119	93.3	74.2	111.4
201	100.0	74.5	111.7



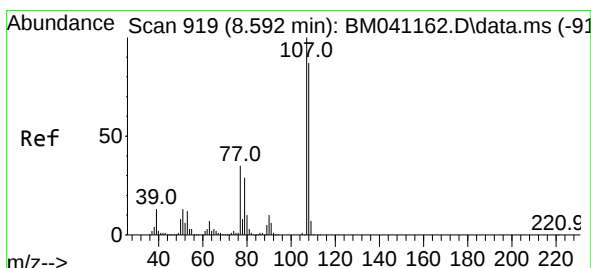
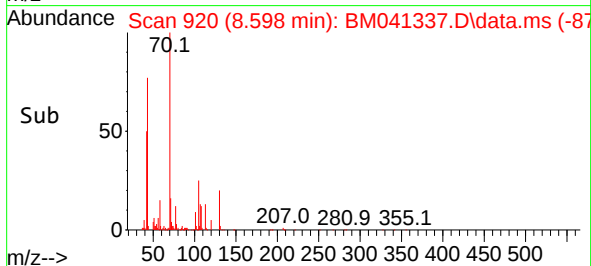
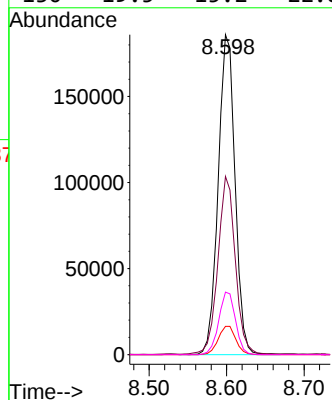
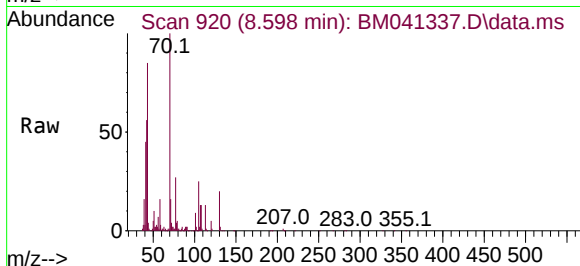


#19
n-Nitroso-di-n-propylamine
Concen: 49.343 ng
RT: 8.598 min Scan# 915
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

Instrument :
BNA_M
ClientSampleId :
TP-36MSD

Tgt Ion: 70 Resp: 281818

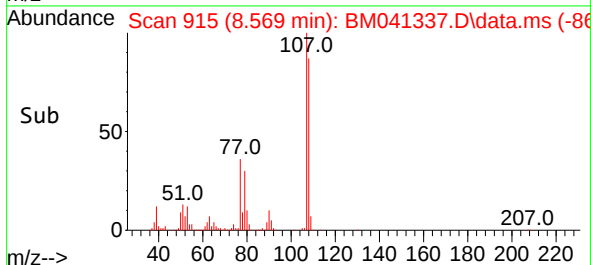
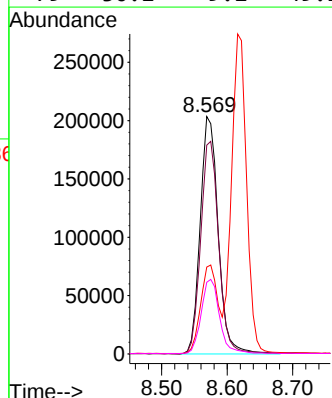
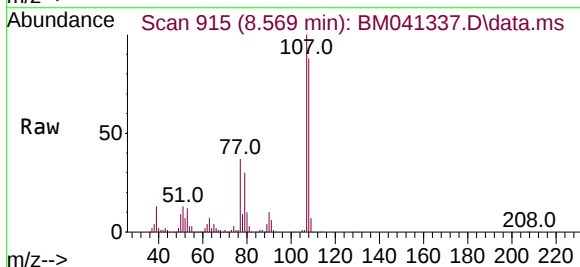
Ion	Ratio	Lower	Upper
70	100		
42	55.7	45.8	68.8
101	8.8	7.4	11.0
130	19.5	15.2	22.8

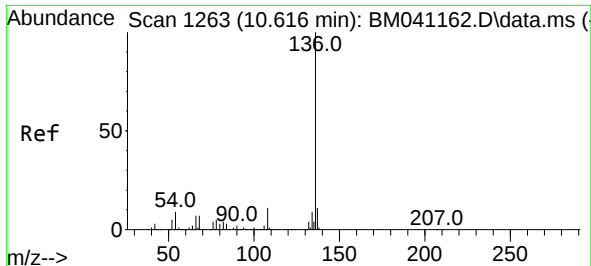


#20
3+4-Methylphenols
Concen: 46.656 ng
RT: 8.569 min Scan# 915
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

Tgt Ion: 107 Resp: 387058

Ion	Ratio	Lower	Upper
107	100		
108	88.0	67.2	107.2
77	36.6	15.4	55.4
79	30.2	9.2	49.2

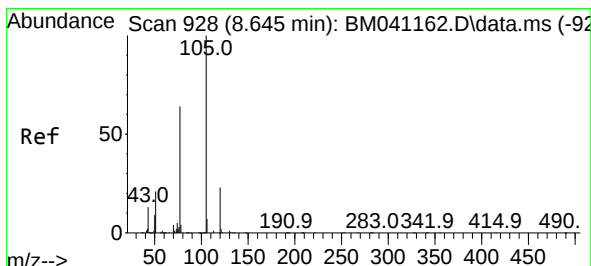
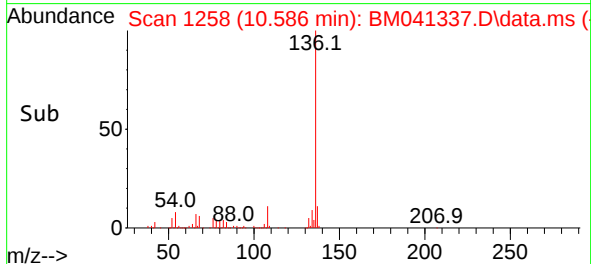
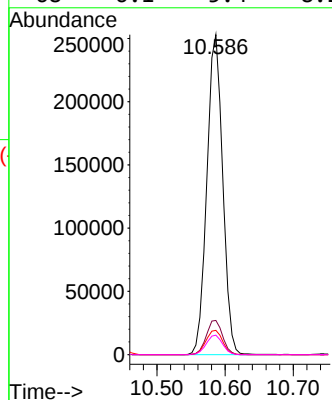
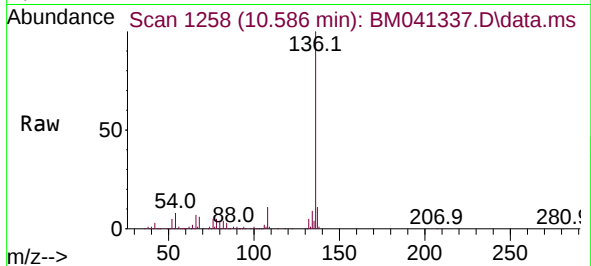




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.586 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

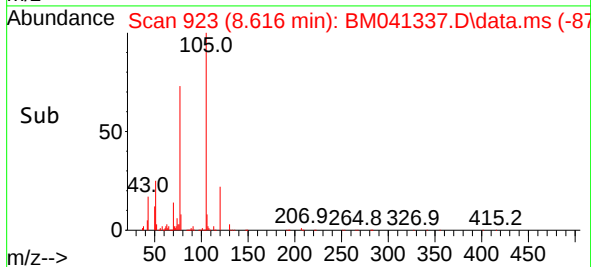
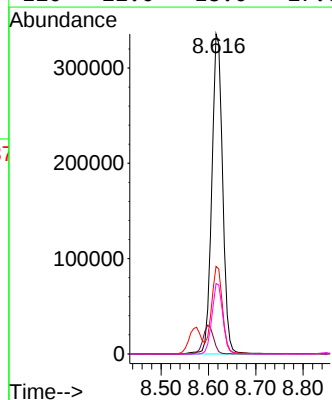
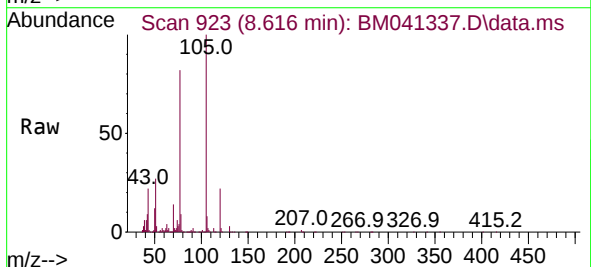
Instrument :
BNA_M
ClientSampleId :
TP-36MSD

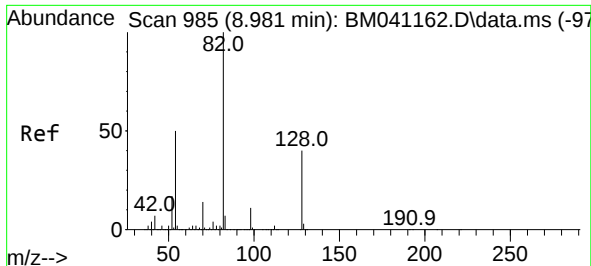
Tgt Ion:136	Resp: 408359
Ion Ratio	Lower Upper
136 100	
137 10.7	8.8 13.2
54 7.6	6.9 10.3
68 6.1	5.4 8.2



#22
Acetophenone
Concen: 49.291 ng
RT: 8.616 min Scan# 923
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

Tgt	Ion:105	Resp:	533084
Ion	Ratio	Lower	Upper
105	100		
71	2.4	1.2	1.8#
51	27.3	22.0	33.0
120	22.0	18.0	27.0

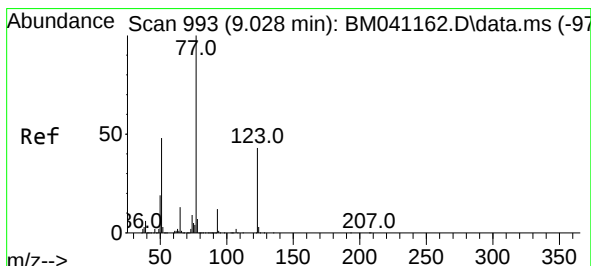
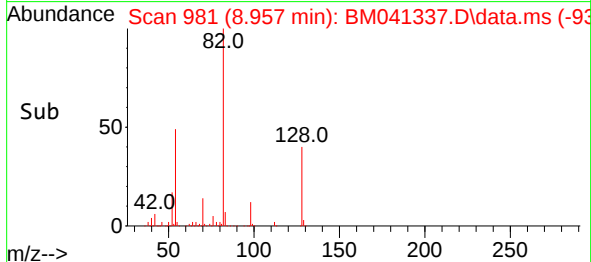
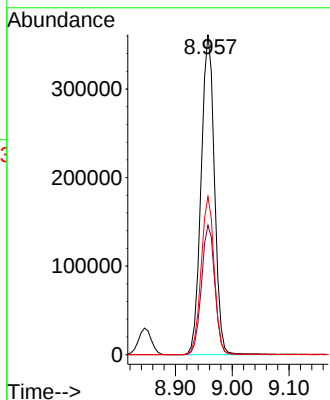
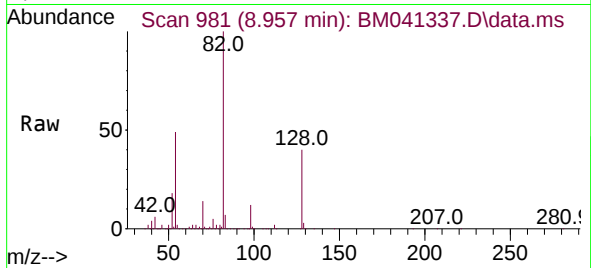




#23
Nitrobenzene-d5
Concen: 67.173 ng
RT: 8.957 min Scan# 981
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

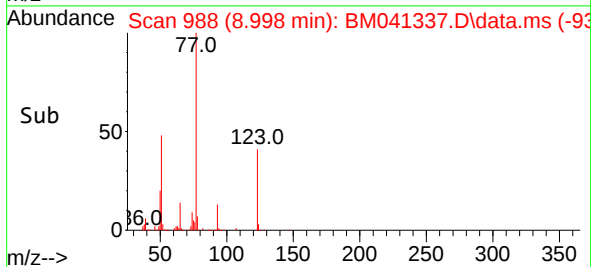
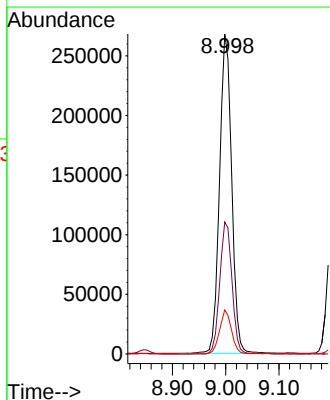
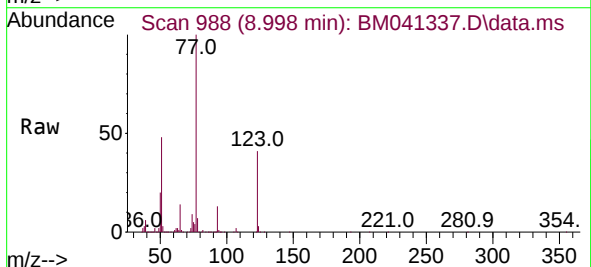
Instrument :
BNA_M
ClientSampleId :
TP-36MSD

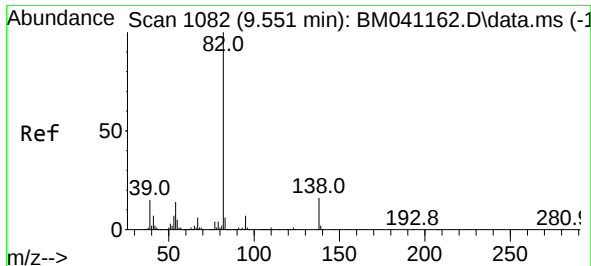
Tgt Ion: 82 Resp: 589854
Ion Ratio Lower Upper
82 100
128 40.4 31.8 47.6
54 49.4 40.1 60.1



#24
Nitrobenzene
Concen: 47.723 ng
RT: 8.998 min Scan# 988
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

Tgt Ion: 77 Resp: 423789
Ion Ratio Lower Upper
77 100
123 41.2 34.2 51.2
65 13.7 10.7 16.1

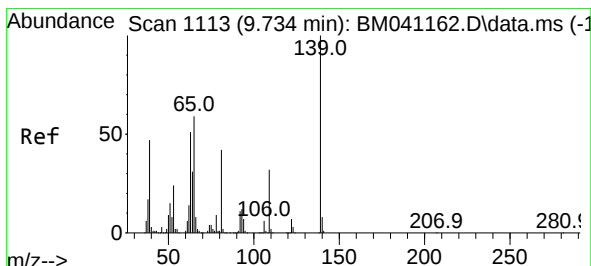
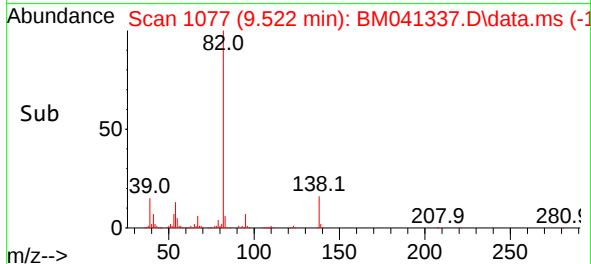
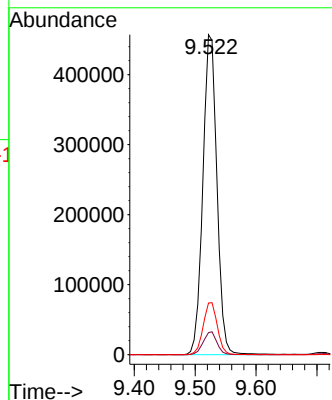
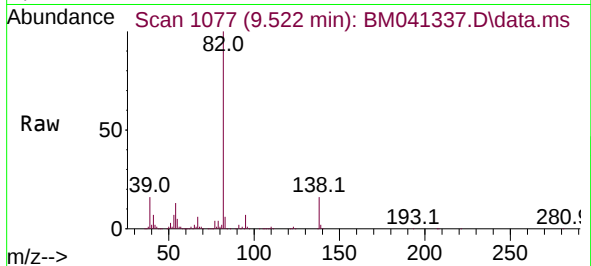




#25
Isophorone
Concen: 49.074 ng
RT: 9.522 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

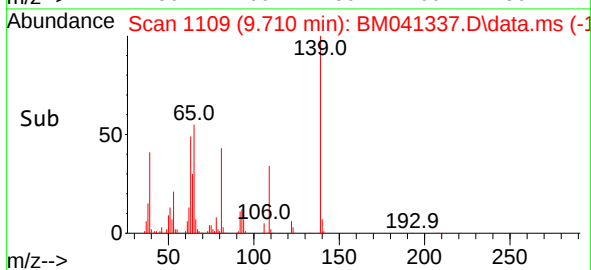
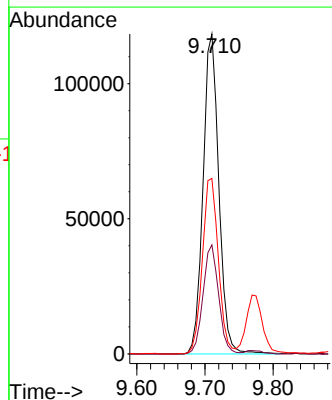
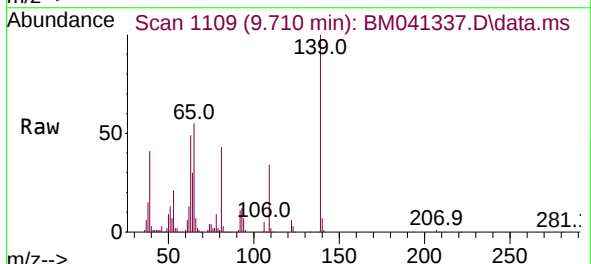
Instrument :
BNA_M
ClientSampleId :
TP-36MSD

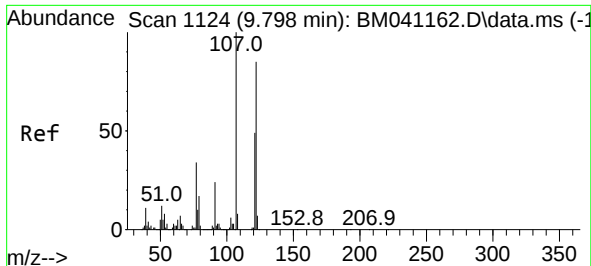
Tgt Ion: 82 Resp: 731498
Ion Ratio Lower Upper
82 100
95 6.9 5.3 7.9
138 16.1 12.8 19.2



#26
2-Nitrophenol
Concen: 54.891 ng
RT: 9.710 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

Tgt Ion: 139 Resp: 190550
Ion Ratio Lower Upper
139 100
109 34.1 25.4 38.2
65 54.8 47.2 70.8

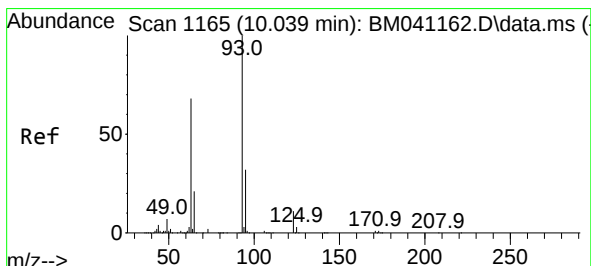
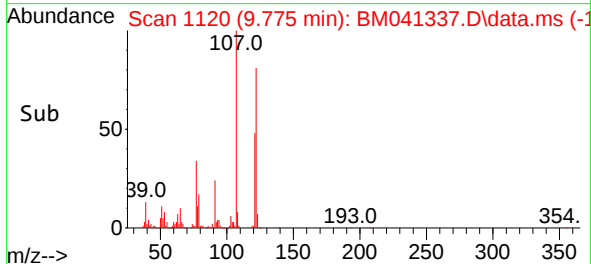
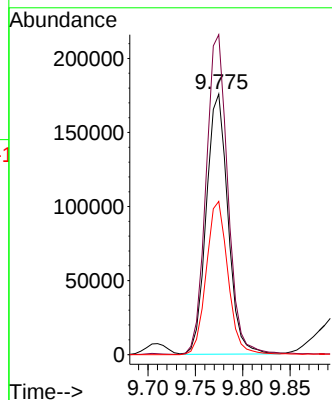
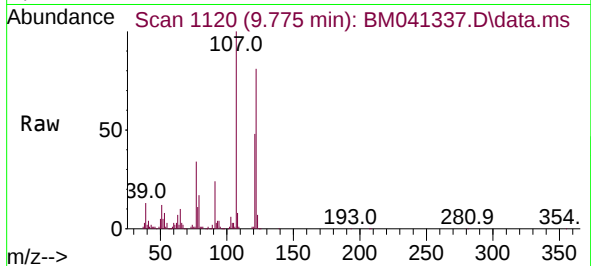




#27
2,4-Dimethylphenol
Concen: 45.840 ng
RT: 9.775 min Scan# 1124
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

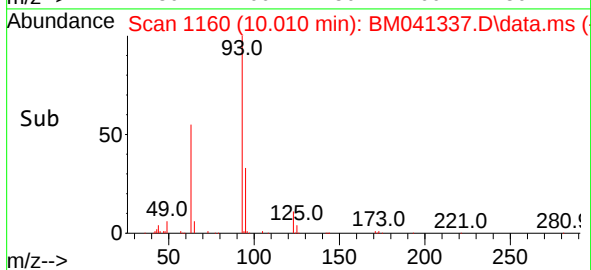
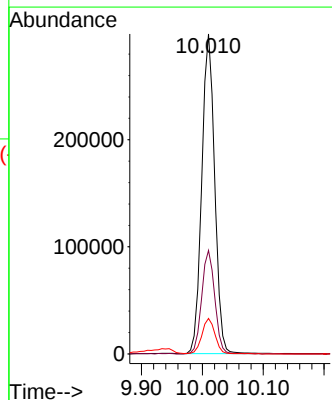
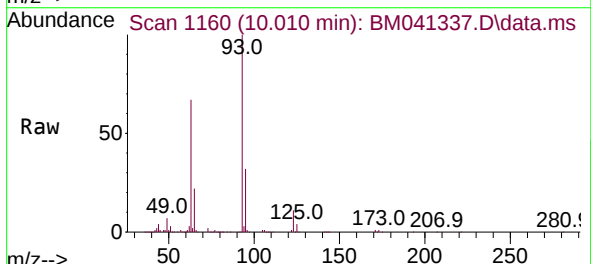
Instrument :
BNA_M
ClientSampleId :
TP-36MSD

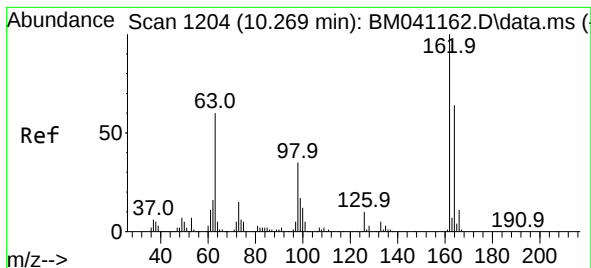
Tgt Ion:122 Resp: 280018
Ion Ratio Lower Upper
122 100
107 122.8 94.3 141.5
121 58.8 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 47.025 ng
RT: 10.010 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

Tgt Ion: 93 Resp: 439080
Ion Ratio Lower Upper
93 100
95 32.3 25.9 38.9
123 11.1 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 51.745 ng

RT: 10.245 min Scan# 1204

Delta R.T. -0.006 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

Instrument :

BNA_M

ClientSampleId :

TP-36MSD

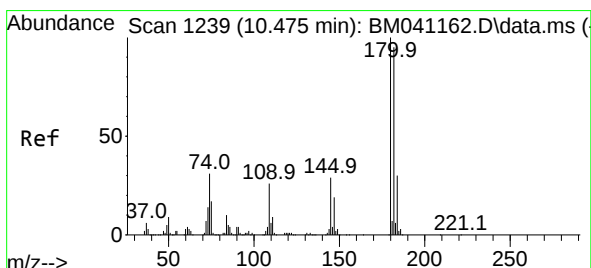
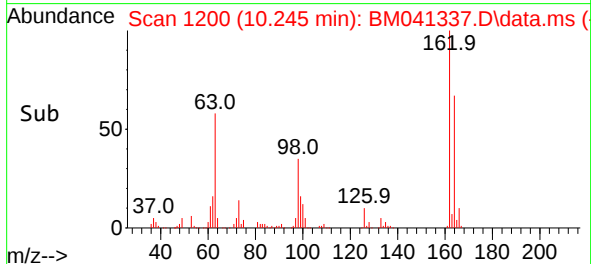
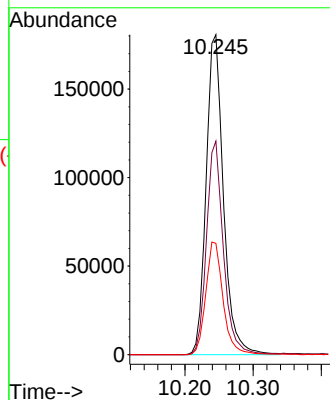
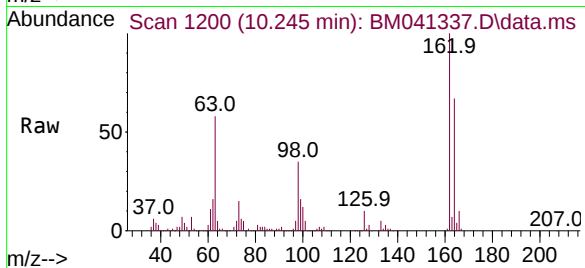
Tgt Ion:162 Resp: 318762

Ion Ratio Lower Upper

162 100

164 66.7 44.3 84.3

98 34.8 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 54.056 ng

RT: 10.451 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

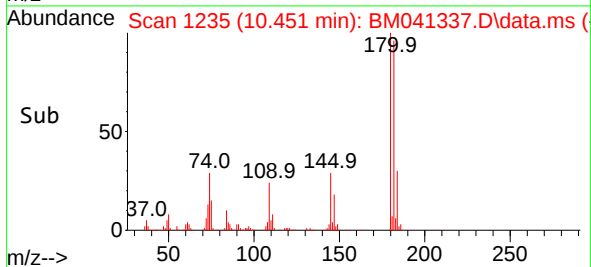
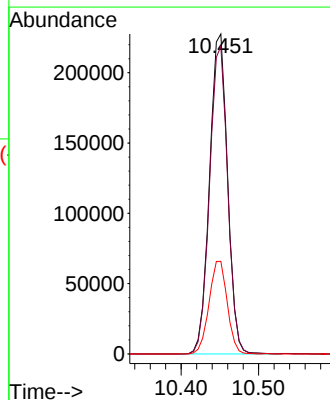
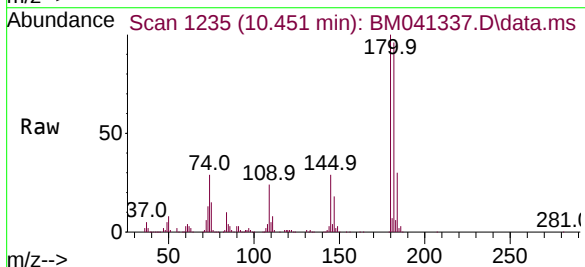
Tgt Ion:180 Resp: 367907

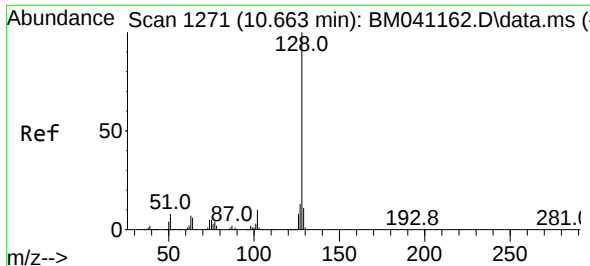
Ion Ratio Lower Upper

180 100

182 96.1 75.9 113.9

145 28.9 23.6 35.4

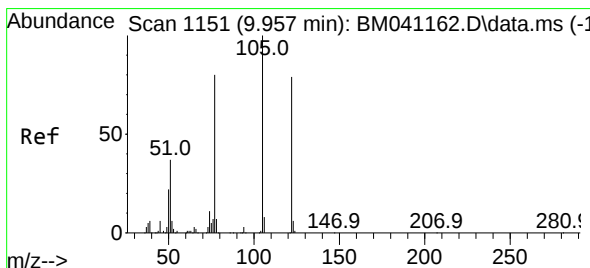
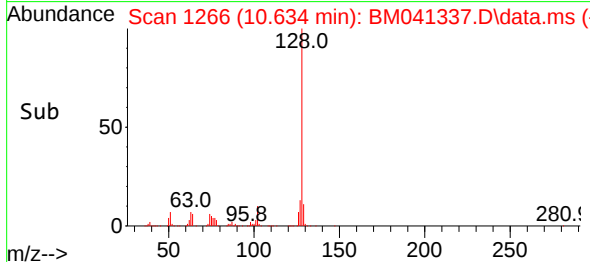
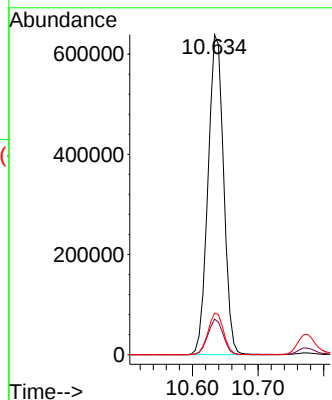
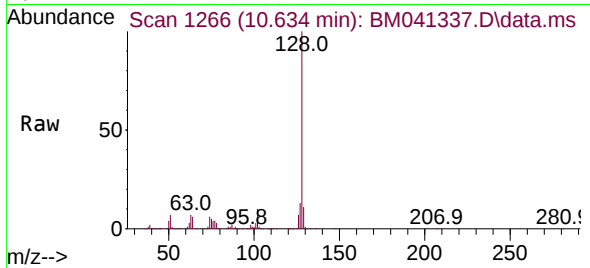




#31
Naphthalene
Concen: 47.532 ng
RT: 10.634 min Scan# 1149
Delta R.T. -0.012 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

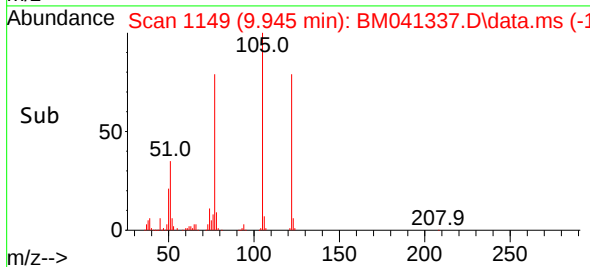
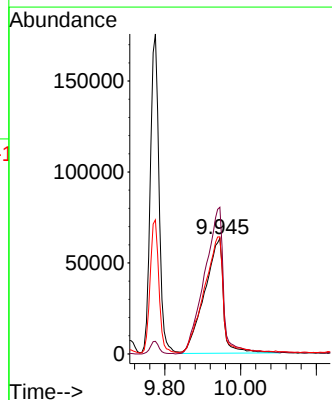
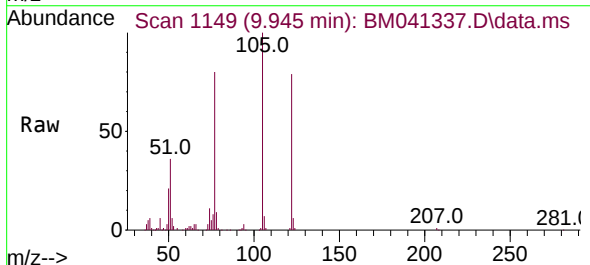
Instrument :
BNA_M
ClientSampleId :
TP-36MSD

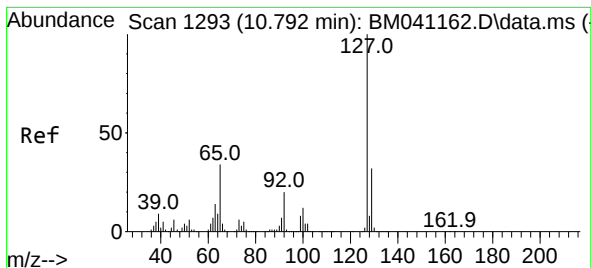
Tgt Ion:128 Resp: 1053303
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.0 10.5 15.7



#32
Benzoic acid
Concen: 47.867 ng
RT: 9.945 min Scan# 1149
Delta R.T. -0.012 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

Tgt Ion:122 Resp: 219501
Ion Ratio Lower Upper
122 100
105 127.1 104.0 144.0
77 101.4 79.9 119.9





#33

4-Chloroaniline

Concen: 9.741 ng

RT: 10.775 min Scan# 11

Delta R.T. 0.006 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

Instrument :

BNA_M

ClientSampleId :

TP-36MSD

Tgt Ion:127 Resp: 86266

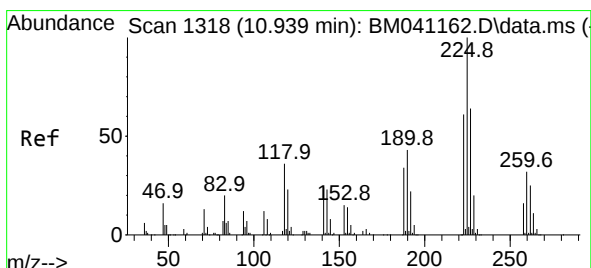
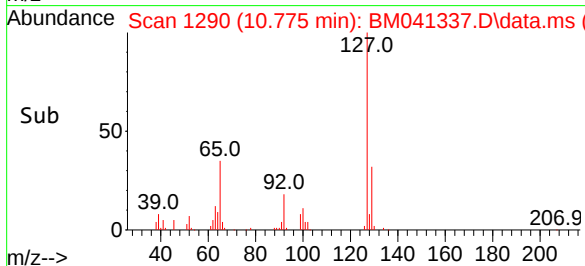
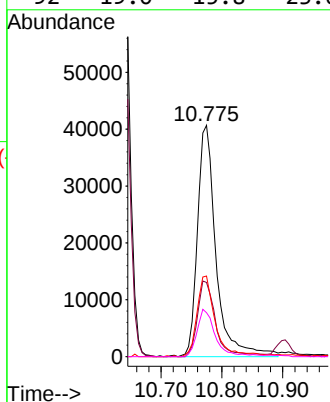
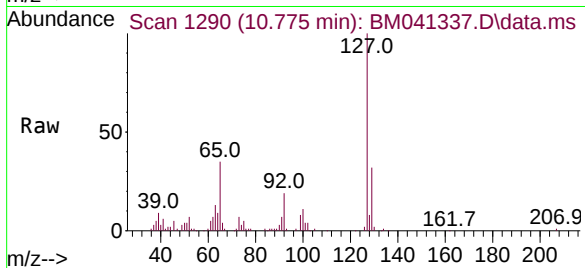
Ion Ratio Lower Upper

127 100

129 32.1 25.9 38.9

65 34.9 26.9 40.3

92 19.0 15.8 23.6



#34

Hexachlorobutadiene

Concen: 57.603 ng

RT: 10.904 min Scan# 1312

Delta R.T. -0.006 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

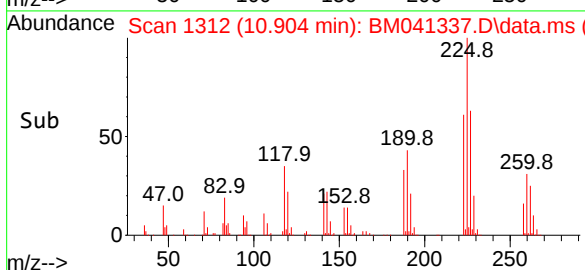
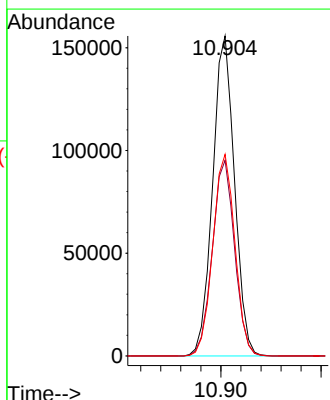
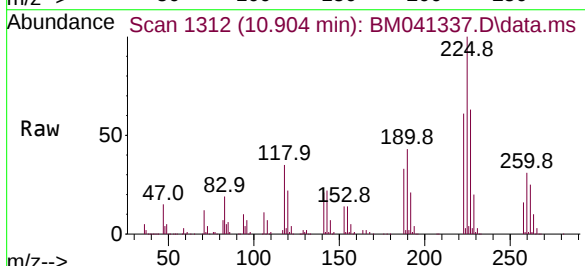
Tgt Ion:225 Resp: 235789

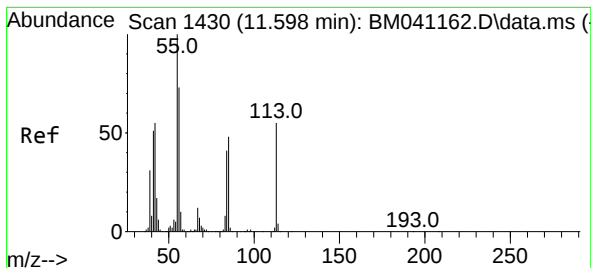
Ion Ratio Lower Upper

225 100

223 61.1 49.0 73.4

227 63.0 50.8 76.2

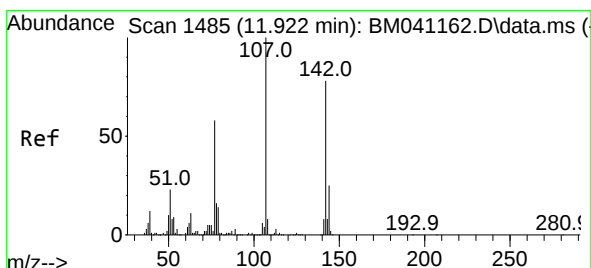
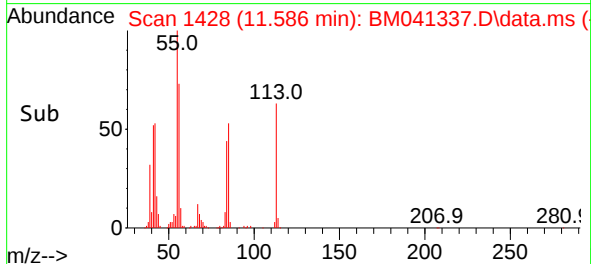
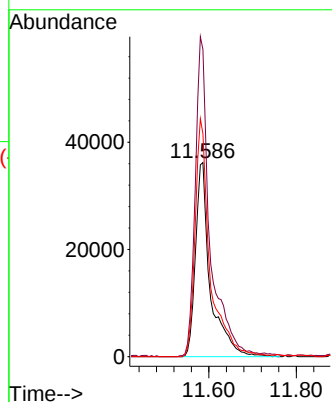
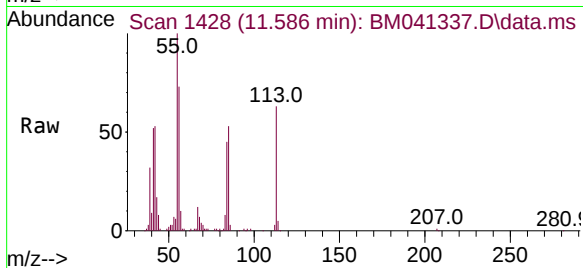




#35
 Caprolactam
 Concen: 47.884 ng
 RT: 11.586 min Scan# 1430
 Delta R.T. -0.006 min
 Lab File: BM041337.D
 Acq: 08 Aug 2023 20:28

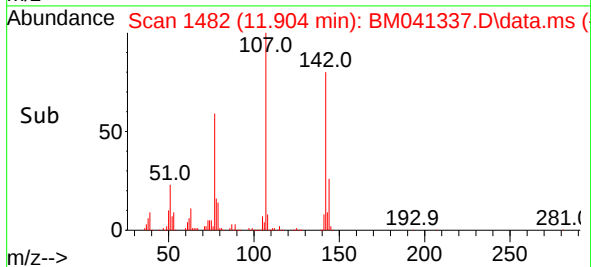
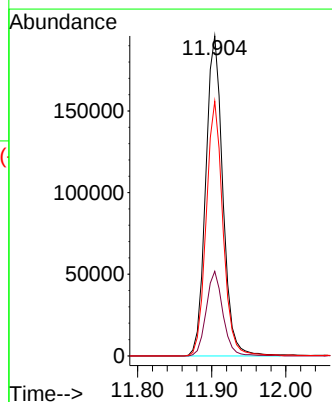
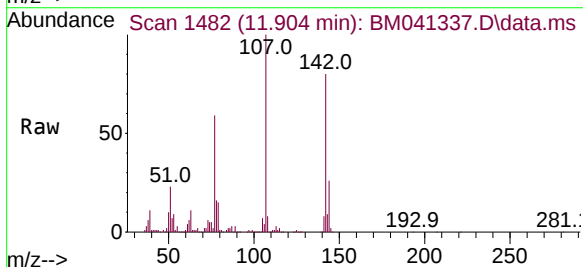
Instrument :
 BNA_M
 ClientSampleId :
 TP-36MSD

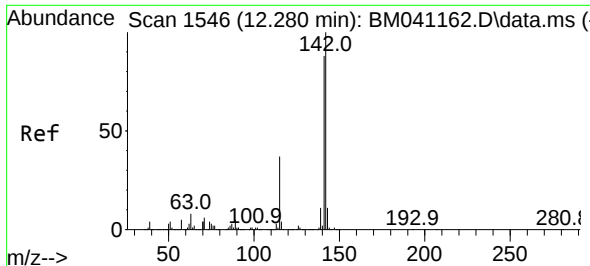
Tgt Ion:113 Resp: 85331
 Ion Ratio Lower Upper
 113 100
 55 158.3 162.5 202.5#
 56 114.9 114.1 154.1



#36
 4-Chloro-3-methylphenol
 Concen: 48.391 ng
 RT: 11.904 min Scan# 1482
 Delta R.T. -0.006 min
 Lab File: BM041337.D
 Acq: 08 Aug 2023 20:28

Tgt Ion:107 Resp: 313753
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.1 30.1
 142 79.6 62.2 93.4

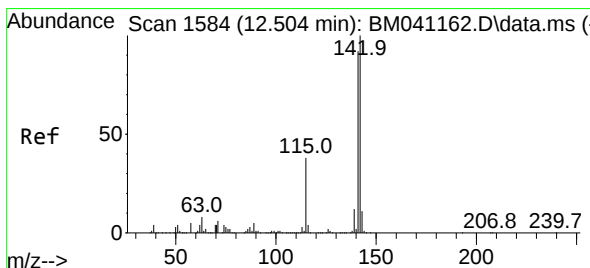
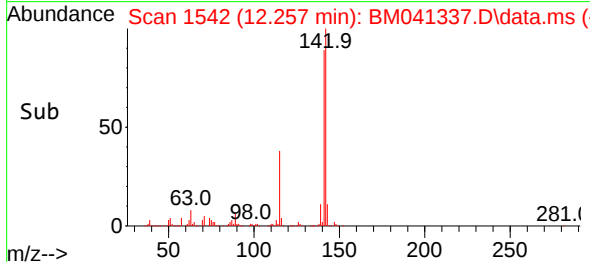
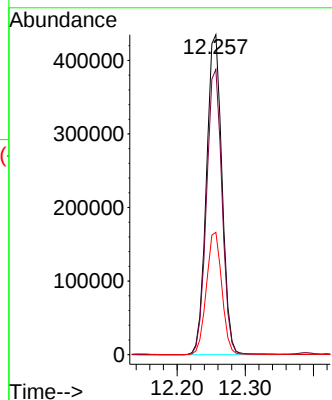
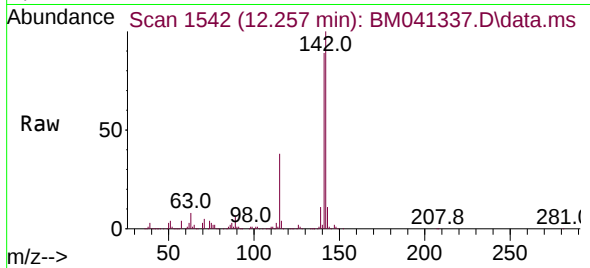




#37
2-Methylnaphthalene
Concen: 46.210 ng
RT: 12.257 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

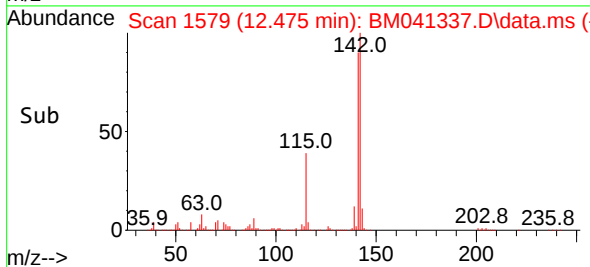
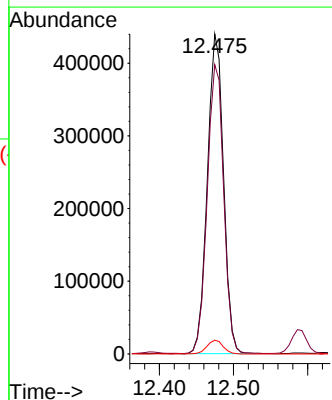
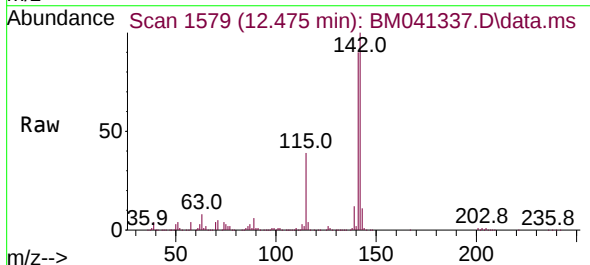
Instrument :
BNA_M
ClientSampleId :
TP-36MSD

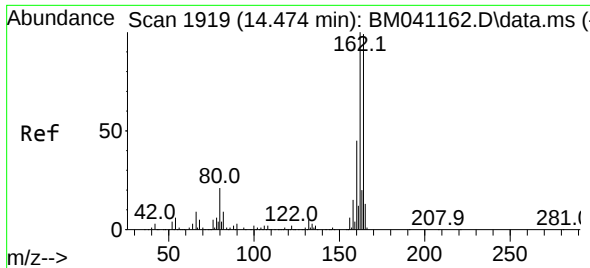
Tgt Ion:142 Resp: 690367
Ion Ratio Lower Upper
142 100
141 89.1 70.7 106.1
115 38.2 29.3 43.9



#38
1-Methylnaphthalene
Concen: 47.661 ng
RT: 12.475 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

Tgt Ion:142 Resp: 666426
Ion Ratio Lower Upper
142 100
141 90.4 73.4 110.2
116 4.3 3.2 4.8

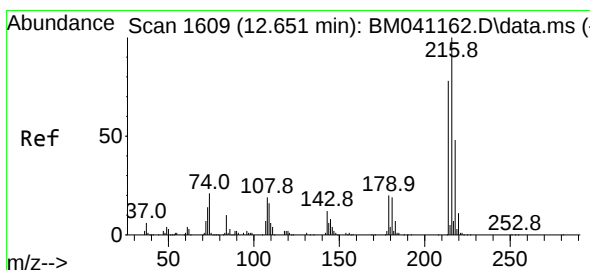
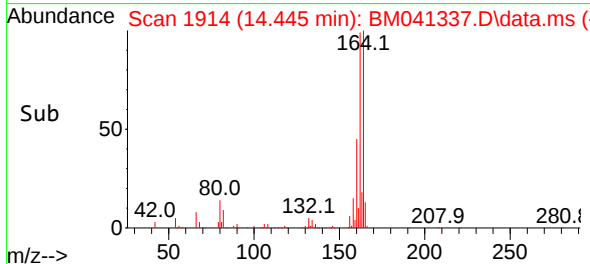
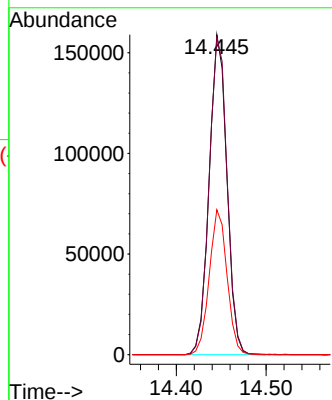
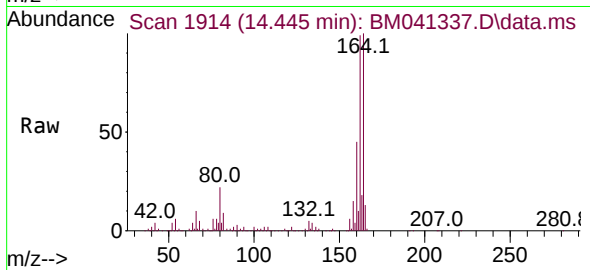




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

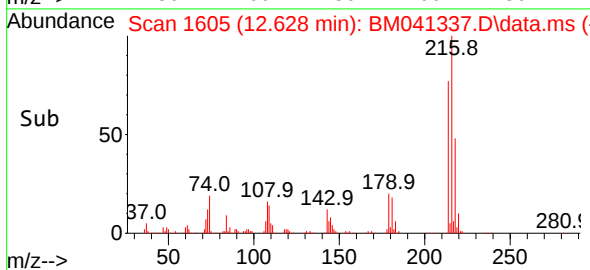
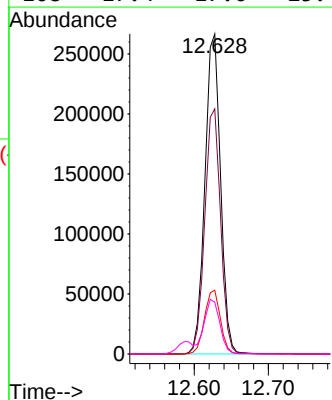
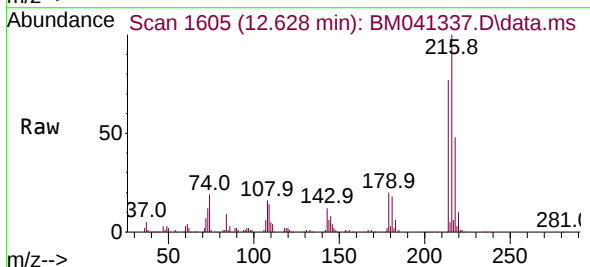
Instrument :
BNA_M
ClientSampleId :
TP-36MSD

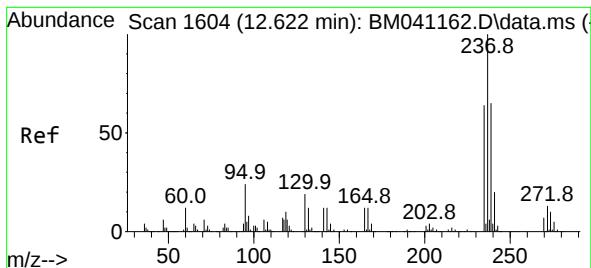
Tgt Ion:164 Resp: 218967
Ion Ratio Lower Upper
164 100
162 99.1 80.4 120.6
160 45.3 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 54.812 ng
RT: 12.628 min Scan# 1605
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

Tgt Ion:216 Resp: 389718
Ion Ratio Lower Upper
216 100
214 77.6 63.2 94.8
179 20.2 16.2 24.2
108 17.4 17.0 25.4





#41

Hexachlorocyclopentadiene

Concen: 111.440 ng

RT: 12.592 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

Instrument :

BNA_M

ClientSampleId :

TP-36MSD

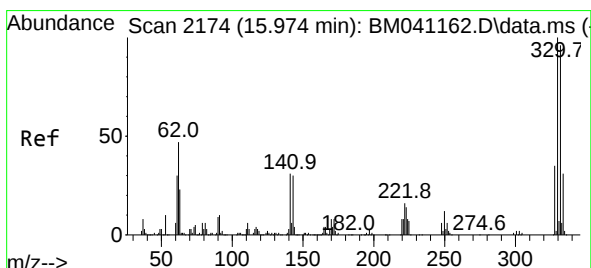
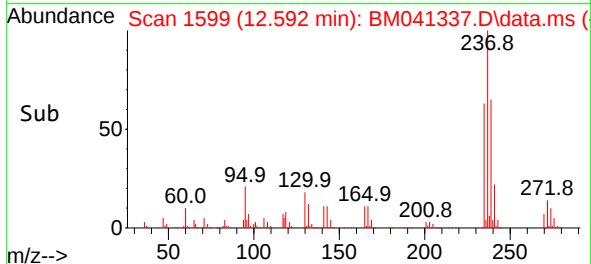
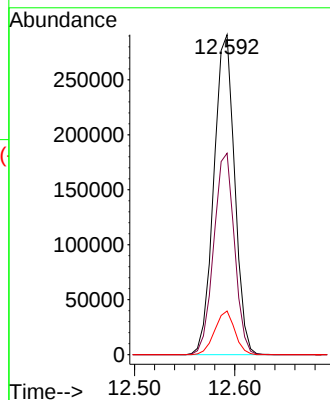
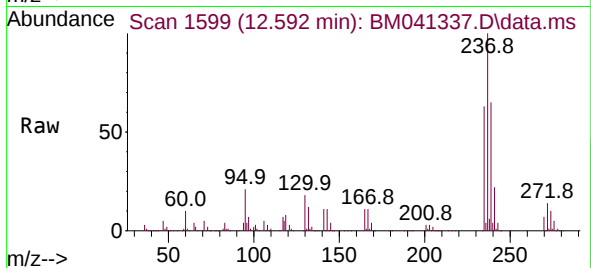
Tgt Ion:237 Resp: 419189

Ion Ratio Lower Upper

237 100

235 62.9 43.6 83.6

272 13.6 0.0 33.3



#42

2,4,6-Tribromophenol

Concen: 102.340 ng

RT: 15.951 min Scan# 2170

Delta R.T. -0.006 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

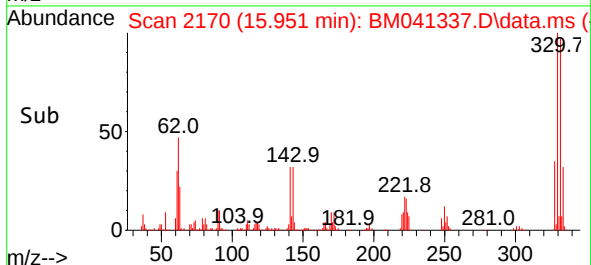
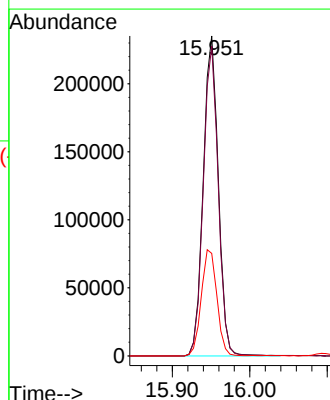
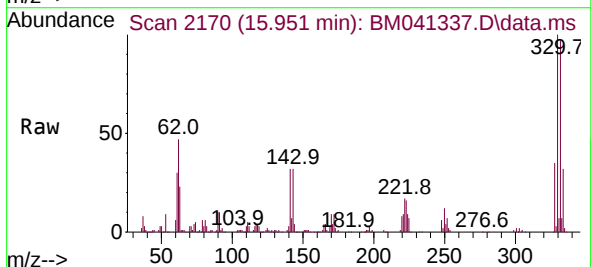
Tgt Ion:330 Resp: 316964

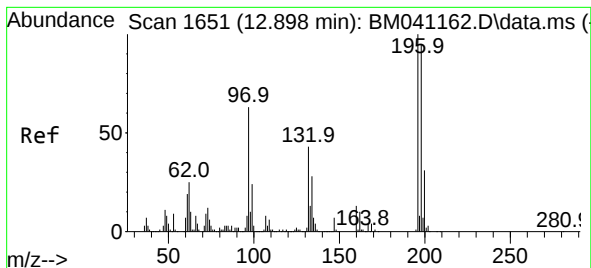
Ion Ratio Lower Upper

330 100

332 96.1 77.7 116.5

141 34.4 28.3 42.5





#43

2,4,6-Trichlorophenol

Concen: 54.075 ng

RT: 12.880 min Scan# 1648

Delta R.T. -0.006 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

Instrument :

BNA_M

ClientSampleId :

TP-36MSD

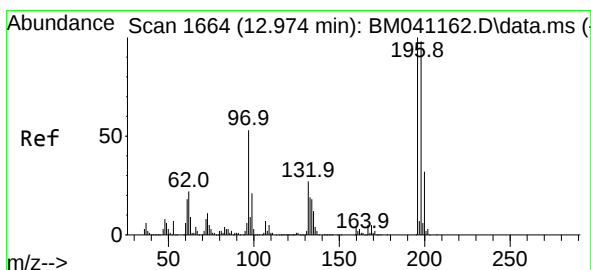
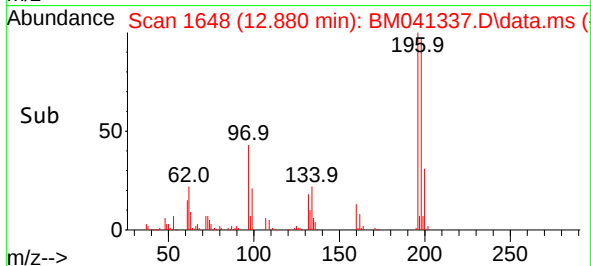
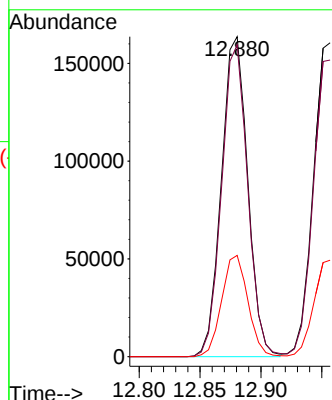
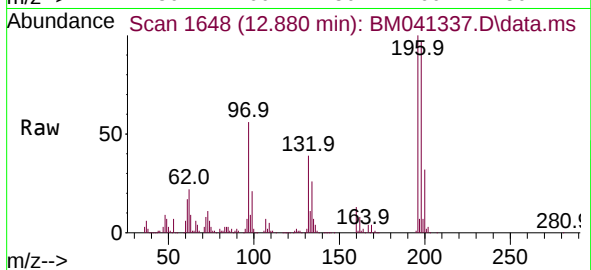
Tgt Ion:196 Resp: 246427

Ion Ratio Lower Upper

196 100

198 97.4 76.2 114.4

200 31.6 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 49.592 ng

RT: 12.957 min Scan# 1661

Delta R.T. -0.006 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

Tgt Ion:196 Resp: 261578

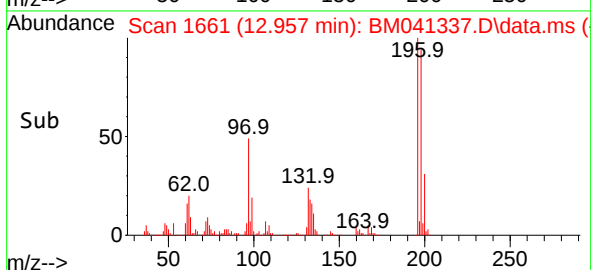
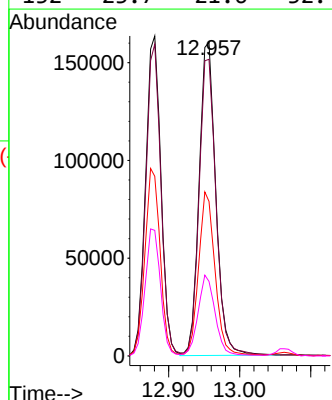
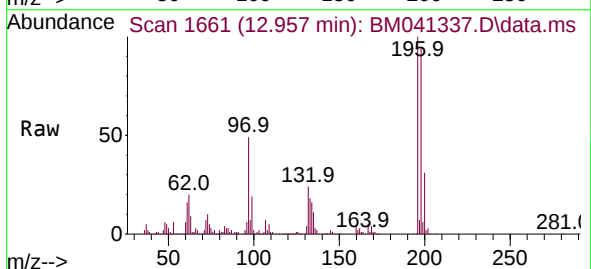
Ion Ratio Lower Upper

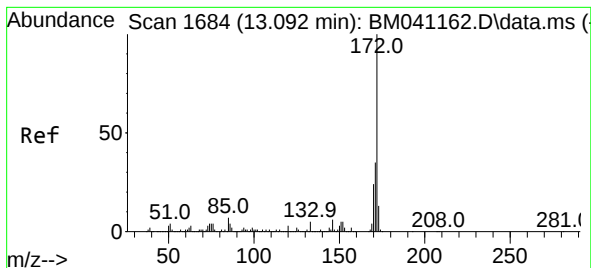
196 100

198 94.5 78.2 117.4

97 49.2 42.7 64.1

132 23.7 21.6 32.4





#45

2-Fluorobiphenyl

Concen: 66.577 ng

RT: 13.063 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

Instrument :

BNA_M

ClientSampleId :

TP-36MSD

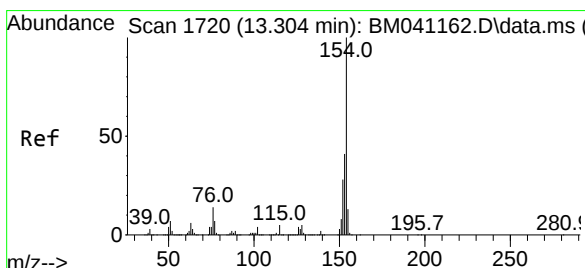
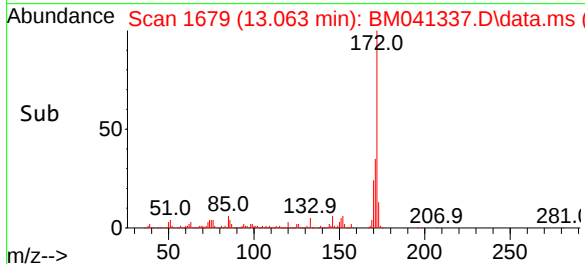
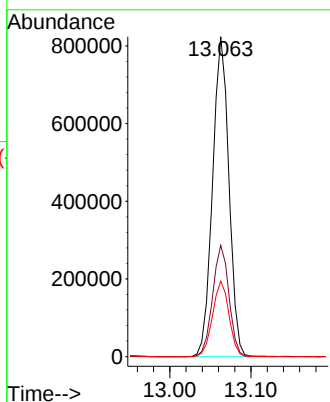
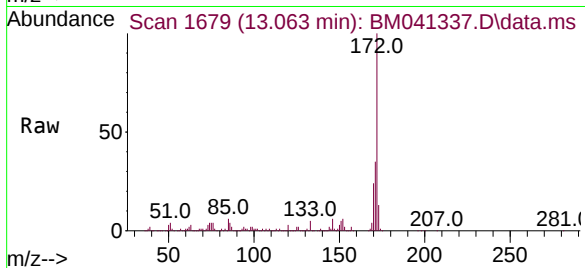
Tgt Ion:172 Resp: 1154016

Ion Ratio Lower Upper

172 100

171 34.8 28.1 42.1

170 23.6 18.9 28.3



#46

1,1'-Biphenyl

Concen: 50.136 ng

RT: 13.275 min Scan# 1715

Delta R.T. -0.006 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

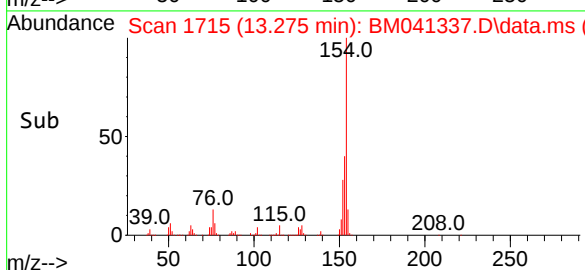
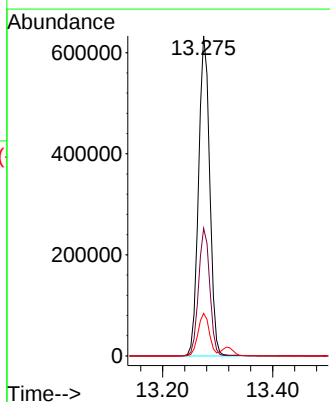
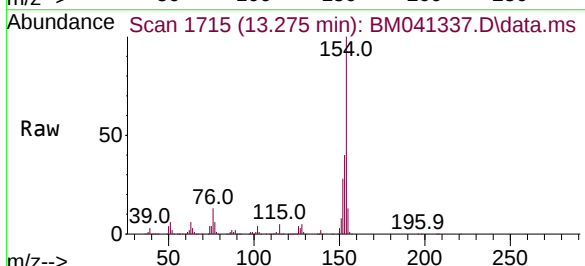
Tgt Ion:154 Resp: 889979

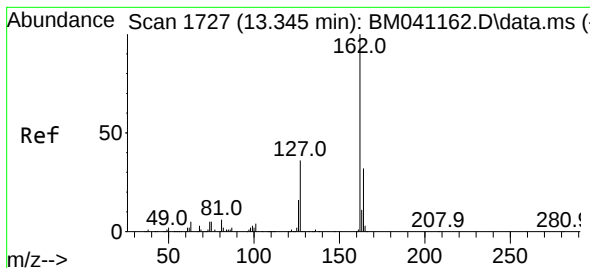
Ion Ratio Lower Upper

154 100

153 39.9 20.5 60.5

76 13.3 0.0 34.1





#47

2-Chloronaphthalene

Concen: 52.579 ng

RT: 13.316 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

Instrument :

BNA_M

ClientSampleId :

TP-36MSD

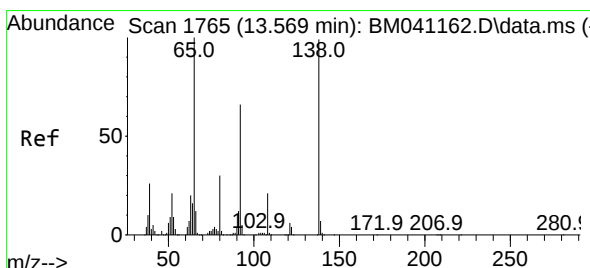
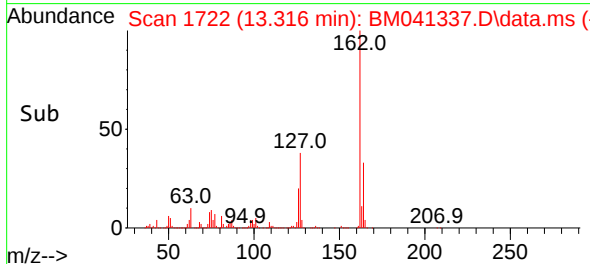
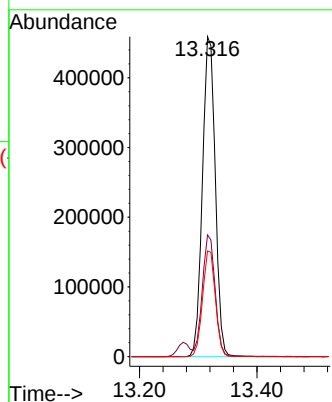
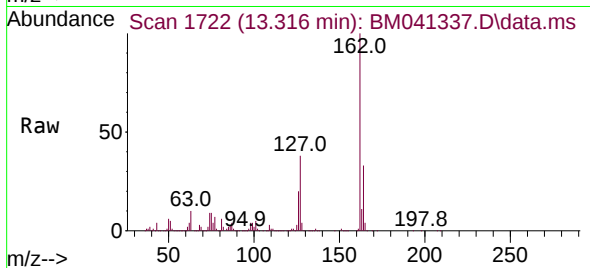
Tgt Ion:162 Resp: 696908

Ion Ratio Lower Upper

162 100

127 38.0 30.6 45.8

164 33.0 25.6 38.4



#48

2-Nitroaniline

Concen: 49.266 ng

RT: 13.545 min Scan# 1761

Delta R.T. -0.006 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

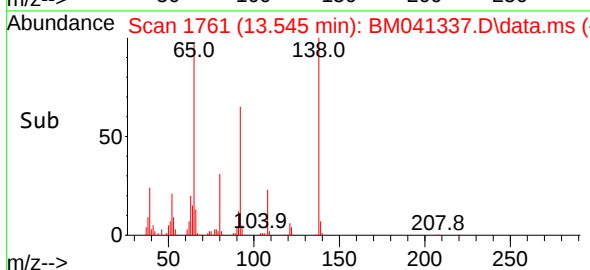
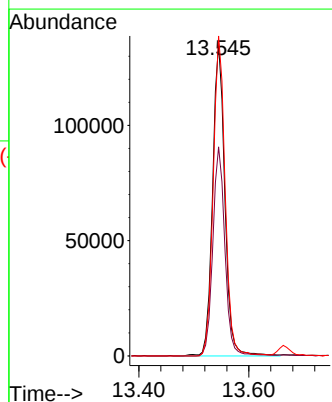
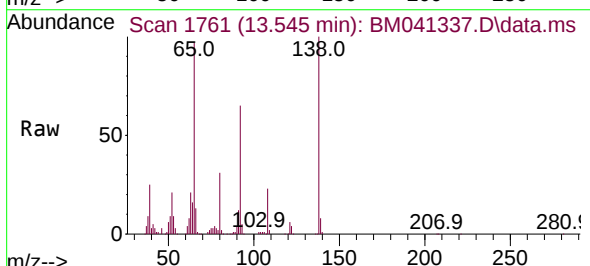
Tgt Ion: 65 Resp: 208434

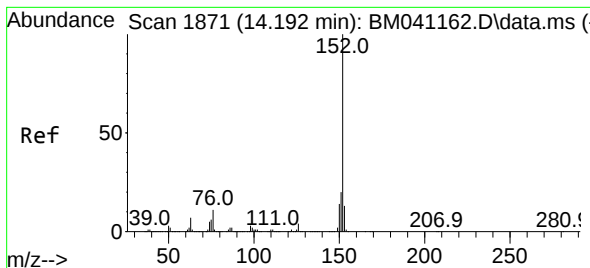
Ion Ratio Lower Upper

65 100

92 67.1 53.0 79.4

138 102.7 79.1 118.7





#49

Acenaphthylene

Concen: 50.763 ng

RT: 14.169 min Scan# 1871

Delta R.T. -0.006 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

Instrument :

BNA_M

ClientSampleId :

TP-36MSD

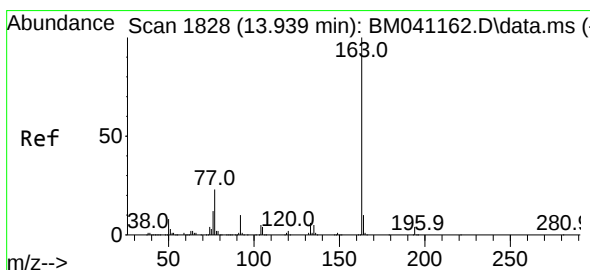
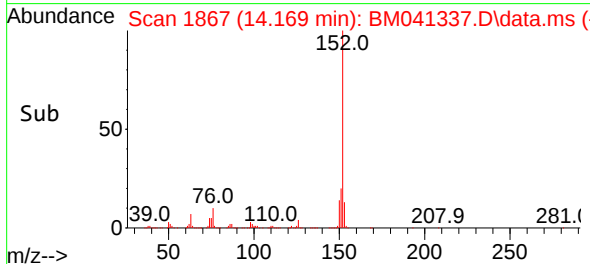
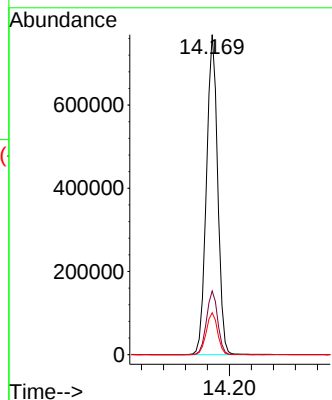
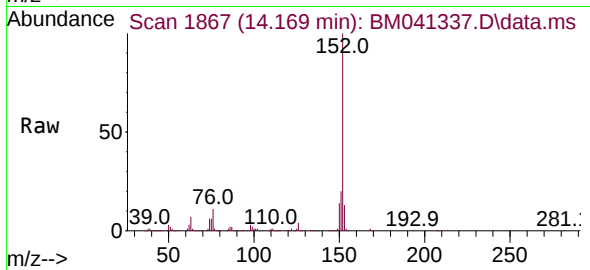
Tgt Ion:152 Resp: 1085999

Ion Ratio Lower Upper

152 100

151 19.9 16.1 24.1

153 13.1 10.5 15.7



#50

Dimethylphthalate

Concen: 48.541 ng

RT: 13.916 min Scan# 1824

Delta R.T. -0.006 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

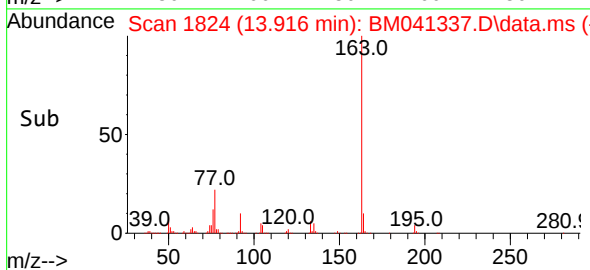
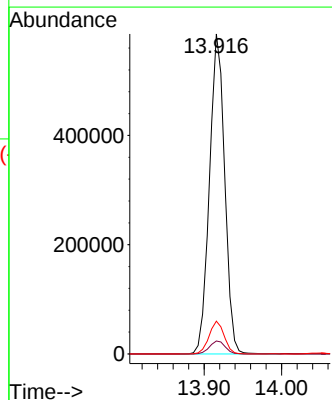
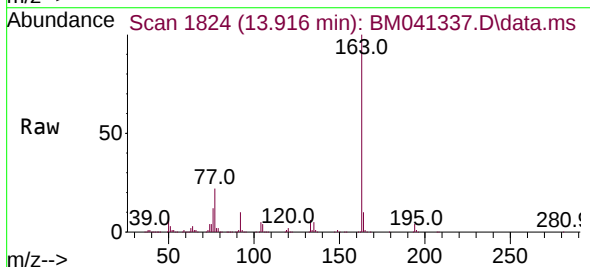
Tgt Ion:163 Resp: 799518

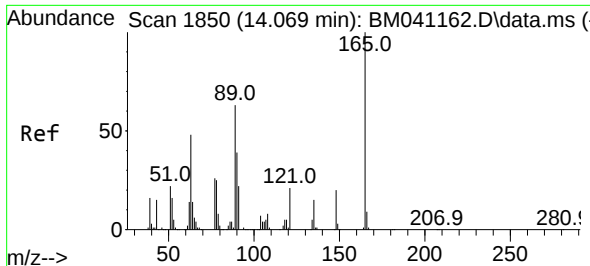
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.2 8.3 12.5

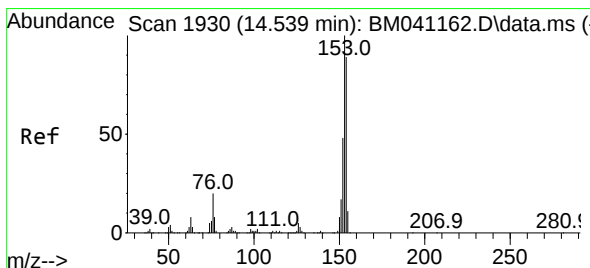
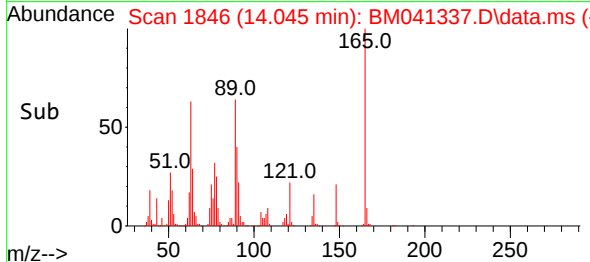
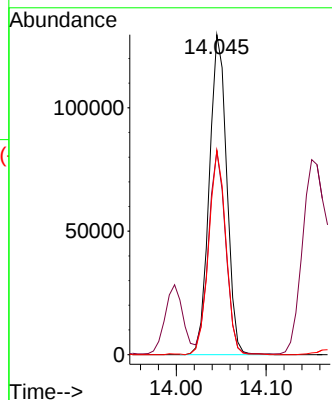
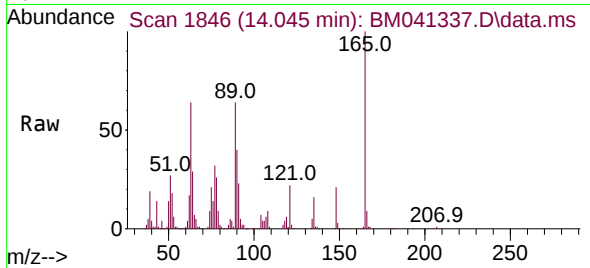




#51
2,6-Dinitrotoluene
Concen: 51.206 ng
RT: 14.045 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

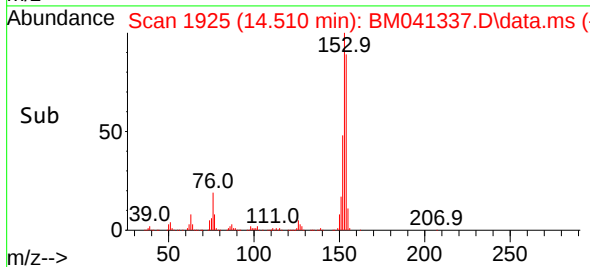
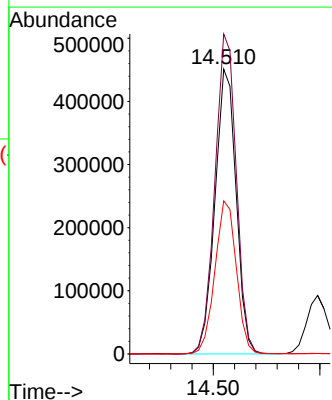
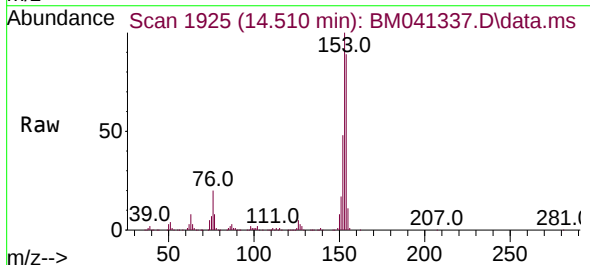
Instrument :
BNA_M
ClientSampleId :
TP-36MSD

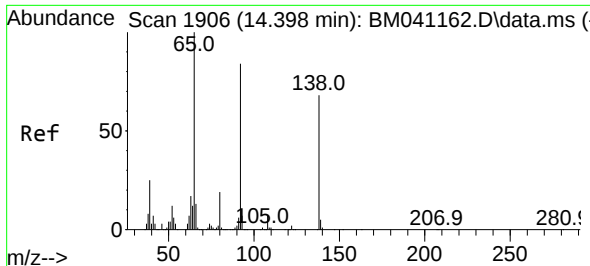
Tgt Ion:165 Resp: 174758
Ion Ratio Lower Upper
165 100
63 63.6 50.9 76.3
89 63.9 50.6 76.0



#52
Acenaphthene
Concen: 48.474 ng
RT: 14.510 min Scan# 1925
Delta R.T. -0.012 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

Tgt Ion:154 Resp: 624737
Ion Ratio Lower Upper
154 100
153 112.4 90.2 135.4
152 53.8 43.4 65.0

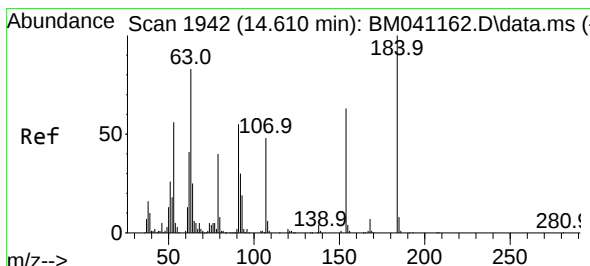
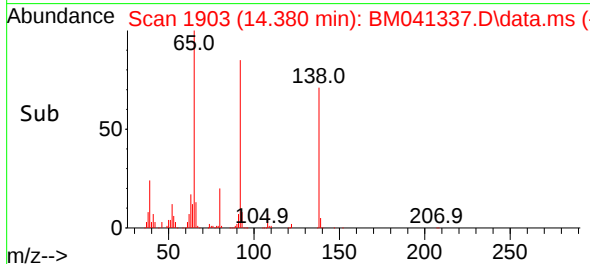
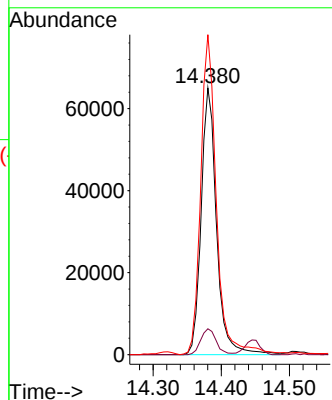
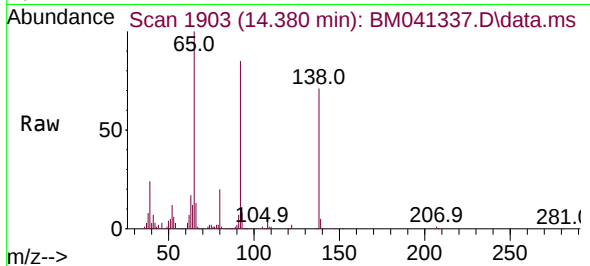




#53
3-Nitroaniline
Concen: 27.057 ng
RT: 14.380 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

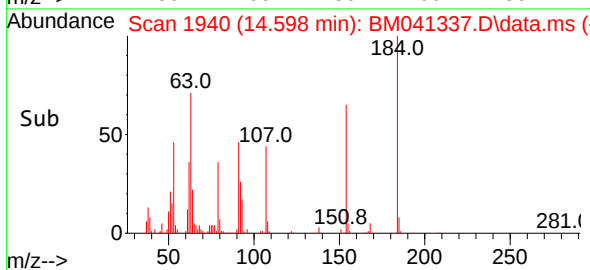
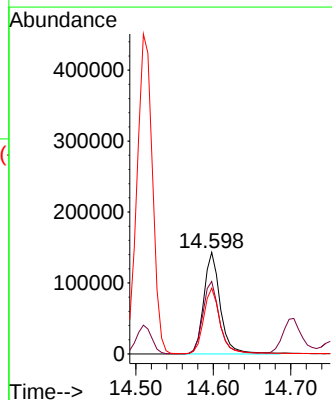
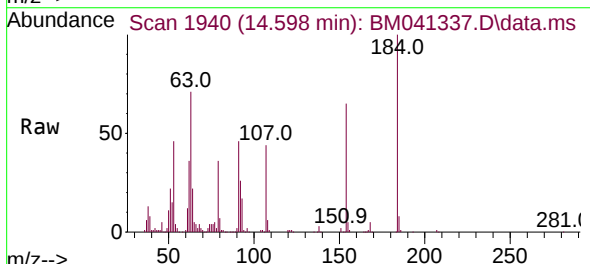
Instrument :
BNA_M
ClientSampleId :
TP-36MSD

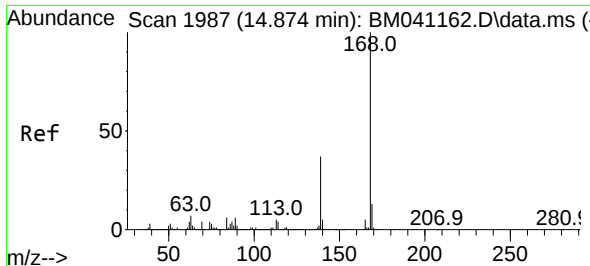
Tgt Ion:138 Resp: 102161
Ion Ratio Lower Upper
138 100
108 9.7 7.6 11.4
92 120.0 98.9 148.3



#54
2,4-Dinitrophenol
Concen: 90.675 ng
RT: 14.598 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

Tgt Ion:184 Resp: 210912
Ion Ratio Lower Upper
184 100
63 71.3 66.5 99.7
154 64.7 52.8 79.2

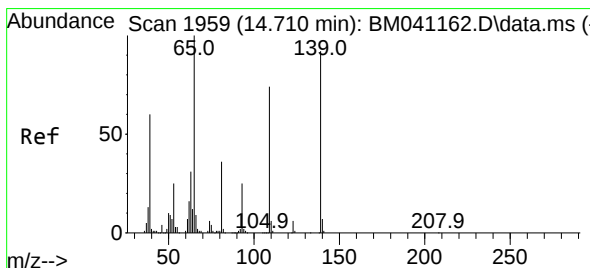
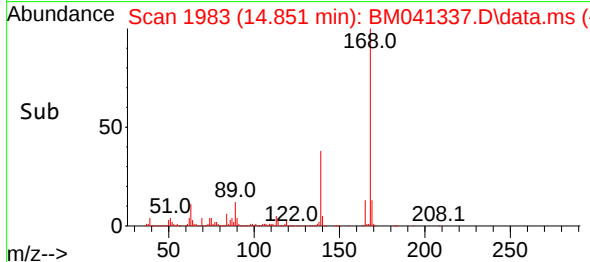
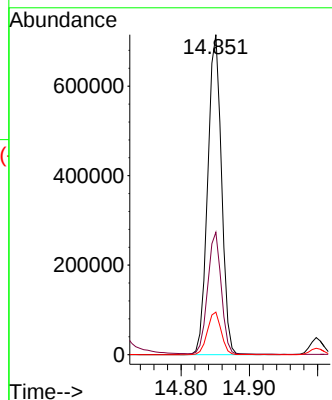
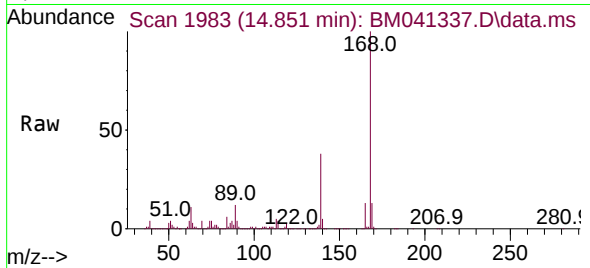




#55
Dibenzenofuran
Concen: 47.774 ng
RT: 14.851 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

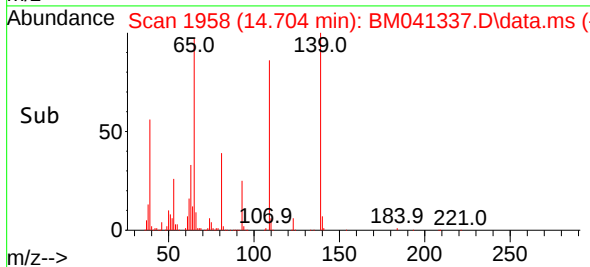
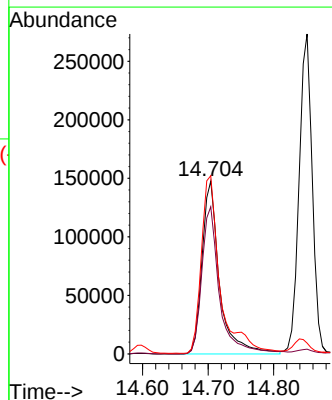
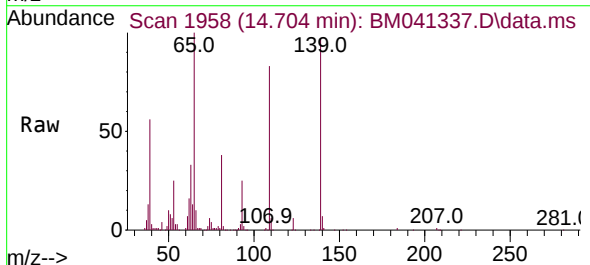
Instrument :
BNA_M
ClientSampleId :
TP-36MSD

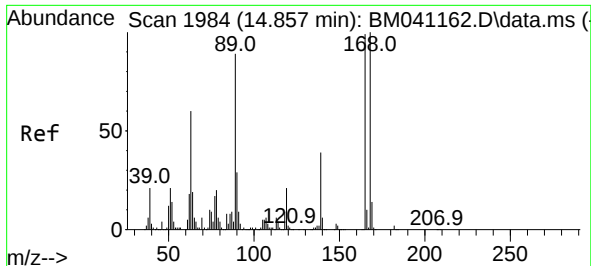
Tgt Ion:168 Resp: 1004566
Ion Ratio Lower Upper
168 100
139 38.2 29.8 44.6
169 13.3 10.5 15.7



#56
4-Nitrophenol
Concen: 95.670 ng
RT: 14.704 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

Tgt Ion:139 Resp: 272116
Ion Ratio Lower Upper
139 100
109 85.2 61.2 101.2
65 103.2 89.5 129.5

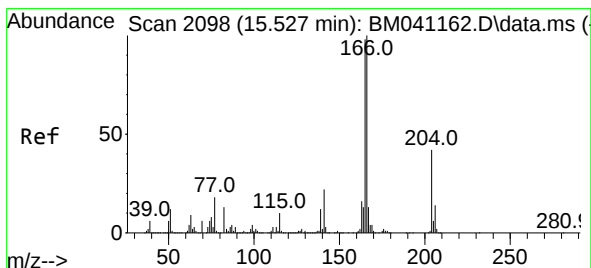
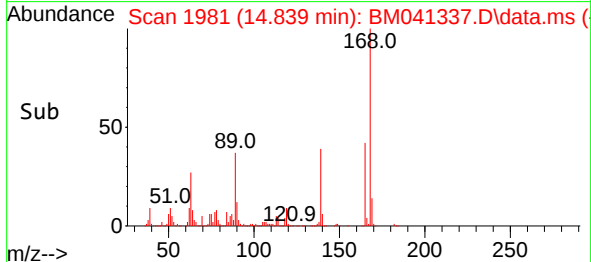
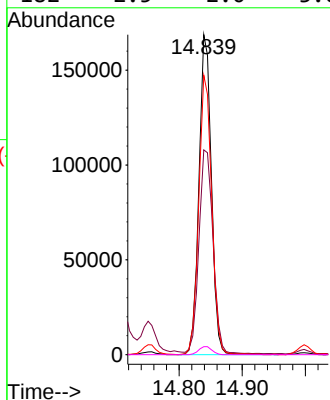
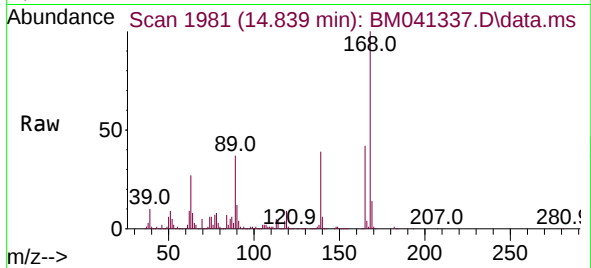




#57
2,4-Dinitrotoluene
Concen: 47.315 ng
RT: 14.839 min Scan# 1984
Delta R.T. -0.012 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

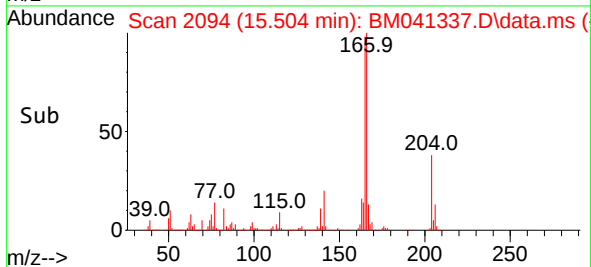
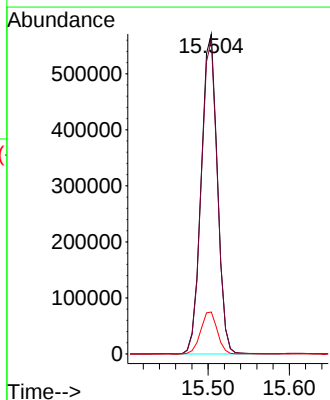
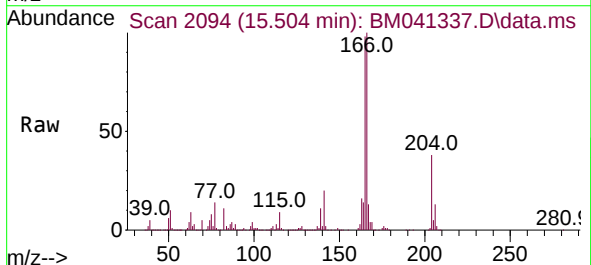
Instrument :
BNA_M
ClientSampleId :
TP-36MSD

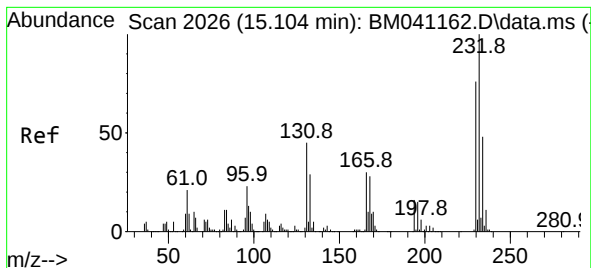
Tgt Ion:165 Resp: 230400
Ion Ratio Lower Upper
165 100
63 64.0 48.3 72.5
89 87.3 71.8 107.8
182 2.5 2.0 3.0



#58
Fluorene
Concen: 47.584 ng
RT: 15.504 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

Tgt Ion:166 Resp: 789350
Ion Ratio Lower Upper
166 100
165 98.1 78.2 117.4
167 13.1 10.6 16.0

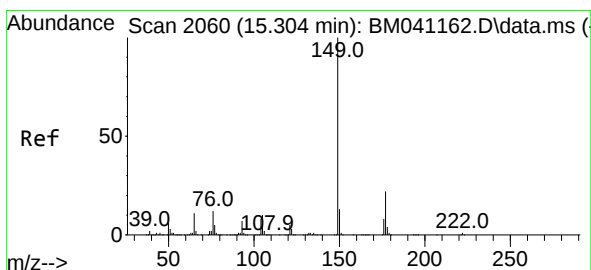
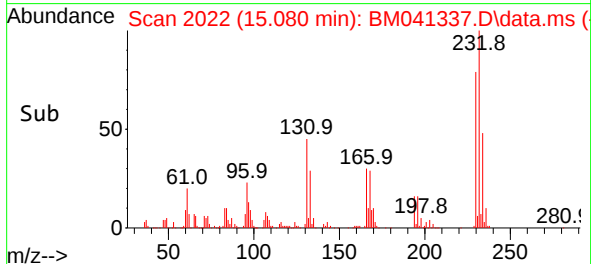
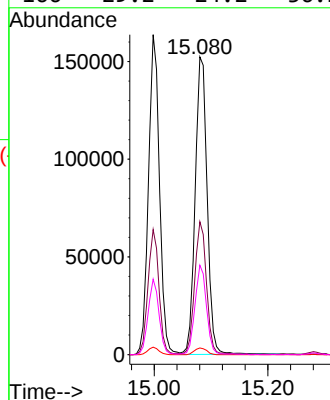
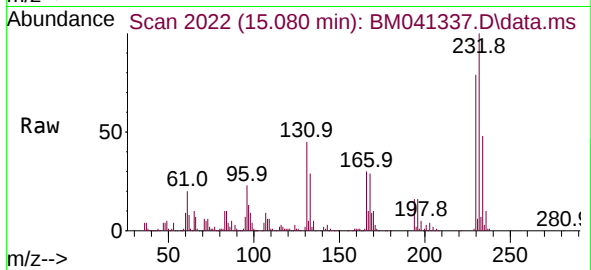




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.917 ng
RT: 15.080 min Scan# 2026
Delta R.T. -0.012 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

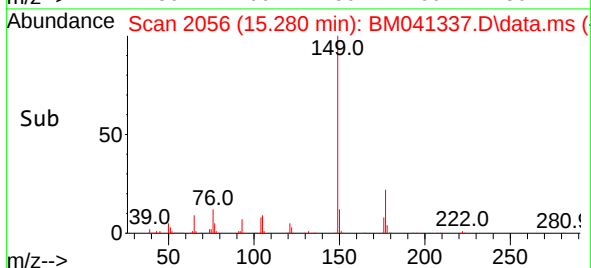
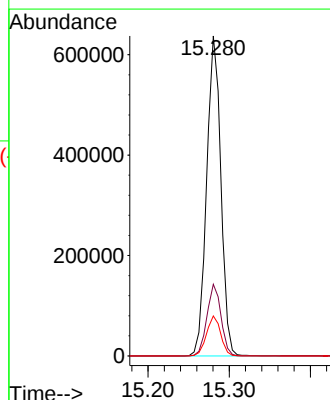
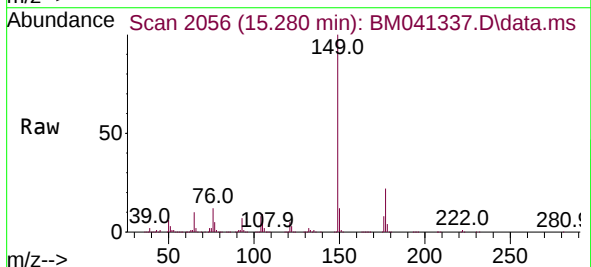
Instrument :
BNA_M
ClientSampleId :
TP-36MSD

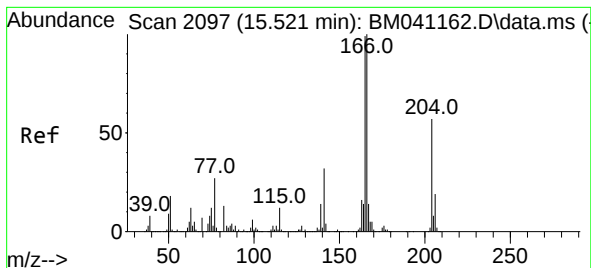
Tgt Ion:232 Resp: 221748
Ion Ratio Lower Upper
232 100
131 43.5 36.9 55.3
130 2.3 2.0 3.0
166 29.2 24.2 36.2



#60
Diethylphthalate
Concen: 48.618 ng
RT: 15.280 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

Tgt Ion:149 Resp: 774406
Ion Ratio Lower Upper
149 100
177 22.4 17.5 26.3
150 12.5 10.1 15.1

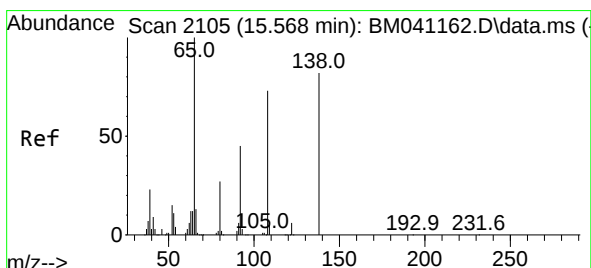
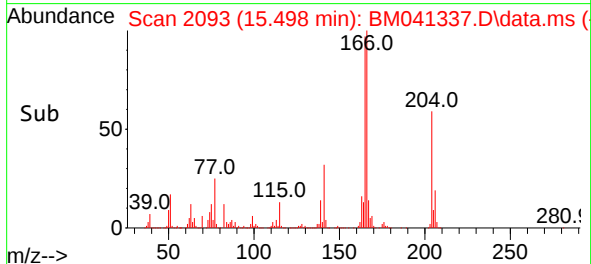
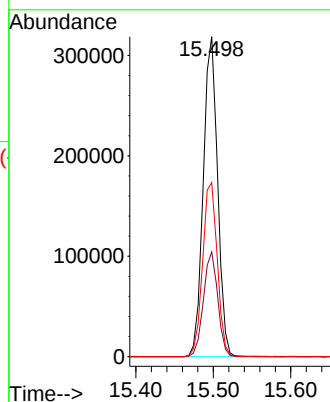
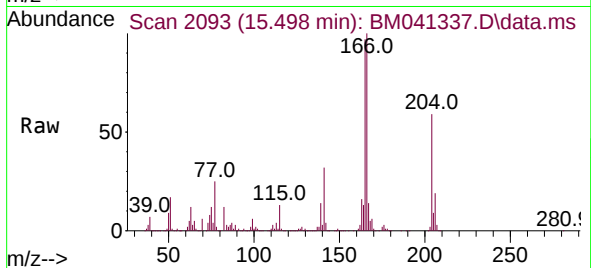




#61
4-Chlorophenyl-phenylether
Concen: 49.174 ng
RT: 15.498 min Scan# 2097
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

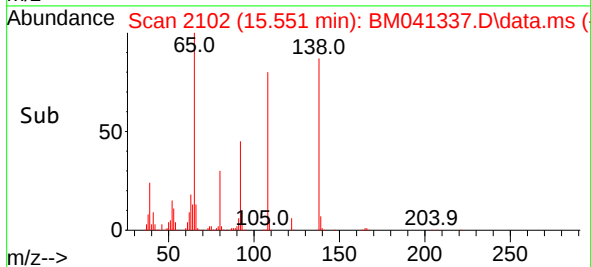
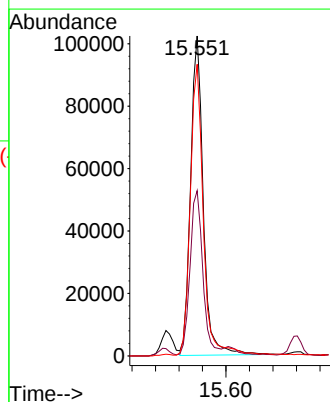
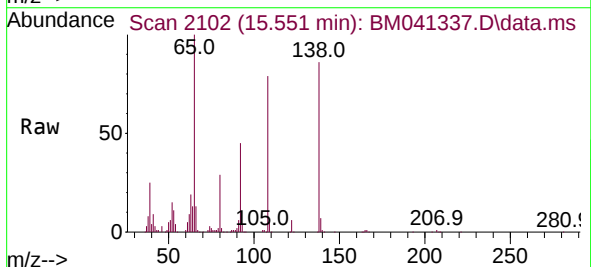
Instrument :
BNA_M
ClientSampleId :
TP-36MSD

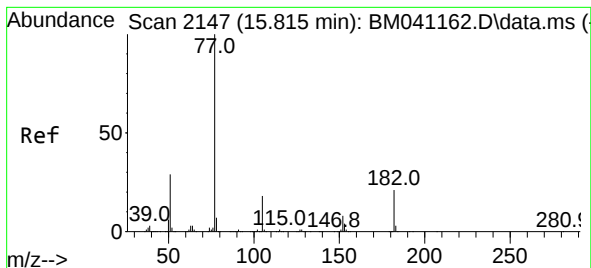
Tgt Ion:204 Resp: 408761
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 54.4 44.8 67.2



#62
4-Nitroaniline
Concen: 42.744 ng
RT: 15.551 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

Tgt Ion:138 Resp: 153777
Ion Ratio Lower Upper
138 100
92 51.6 35.1 75.1
108 91.1 67.8 107.8





#63

Azobenzene

Concen: 46.718 ng

RT: 15.792 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

Instrument :

BNA_M

ClientSampleId :

TP-36MSD

Tgt Ion: 77 Resp: 815122

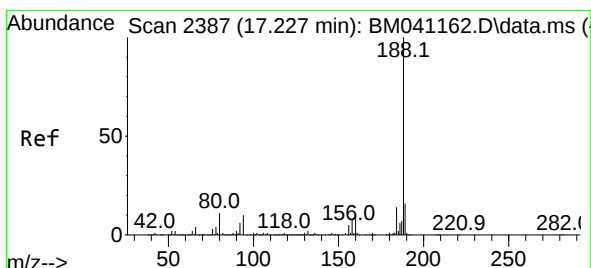
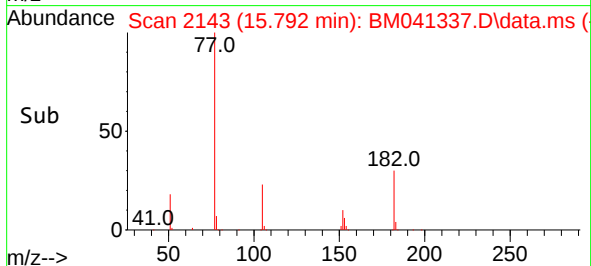
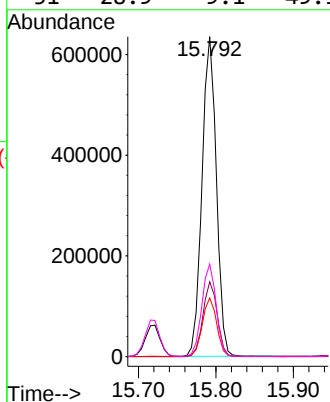
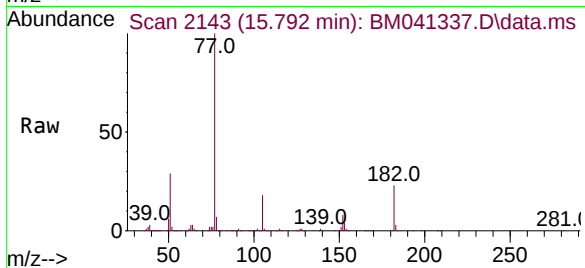
Ion Ratio Lower Upper

77 100

182 23.4 1.3 41.3

105 18.3 0.0 38.5

51 28.9 9.1 49.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.210 min Scan# 2384

Delta R.T. -0.006 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

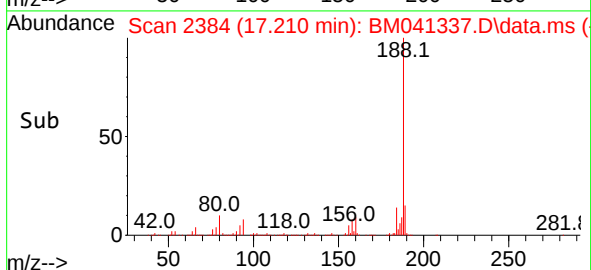
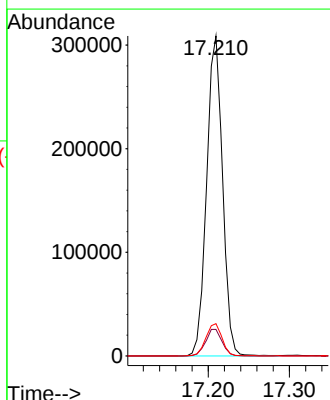
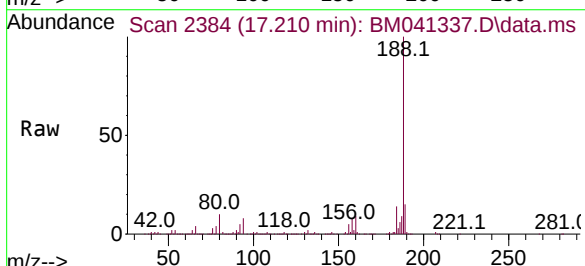
Tgt Ion:188 Resp: 420989

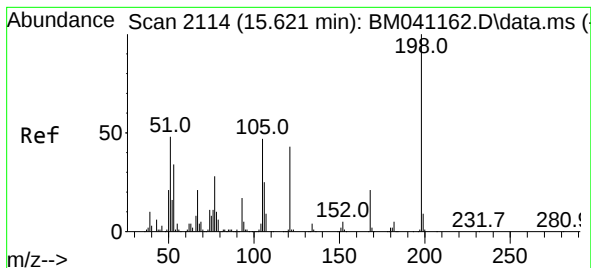
Ion Ratio Lower Upper

188 100

94 8.3 8.2 12.2

80 10.1 8.6 13.0

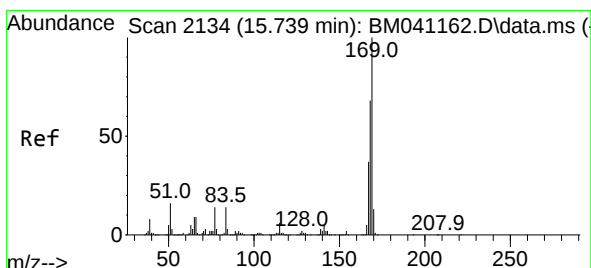
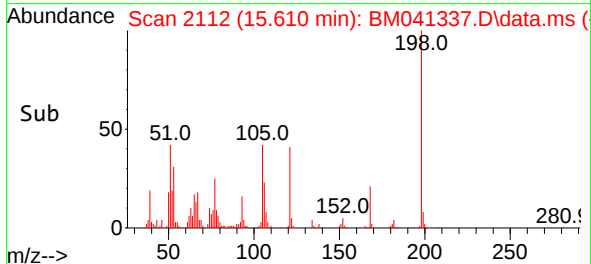
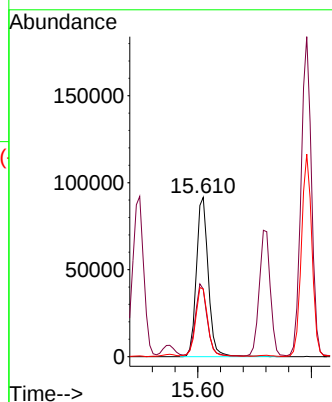
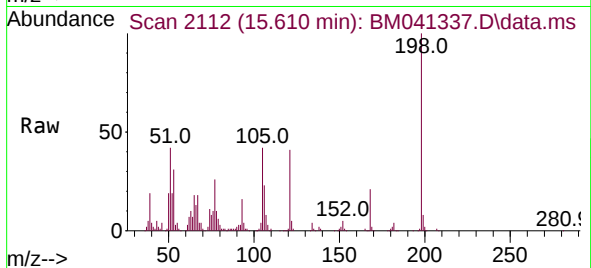




#65
4,6-Dinitro-2-methylphenol
Concen: 51.668 ng
RT: 15.610 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

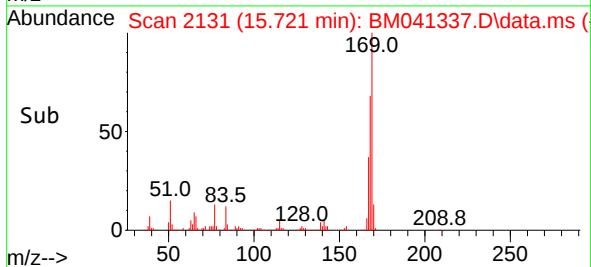
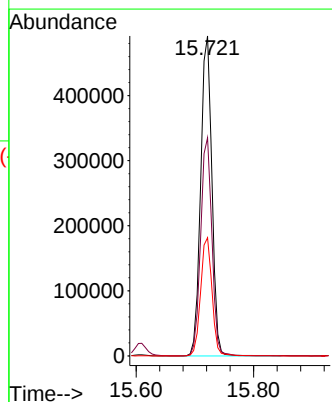
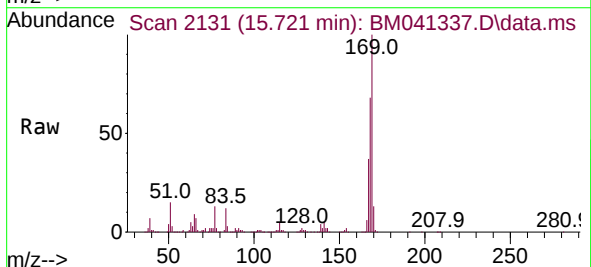
Instrument :
BNA_M
ClientSampleId :
TP-36MSD

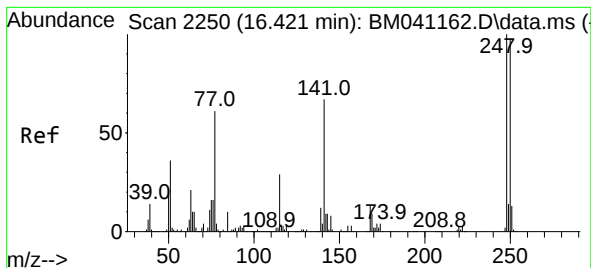
Tgt Ion:198 Resp: 131771
Ion Ratio Lower Upper
198 100
51 42.3 31.7 71.7
105 42.5 27.8 67.8



#66
n-Nitrosodiphenylamine
Concen: 49.616 ng
RT: 15.721 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

Tgt Ion:169 Resp: 649629
Ion Ratio Lower Upper
169 100
168 68.2 54.6 81.8
167 37.0 29.9 44.9

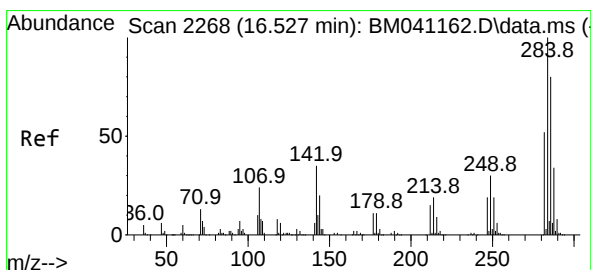
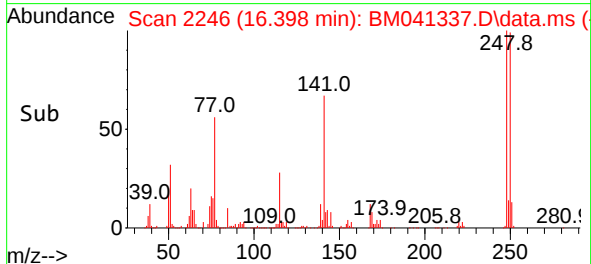
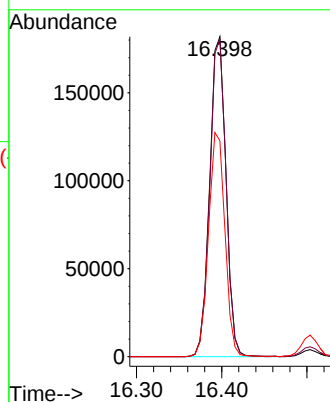
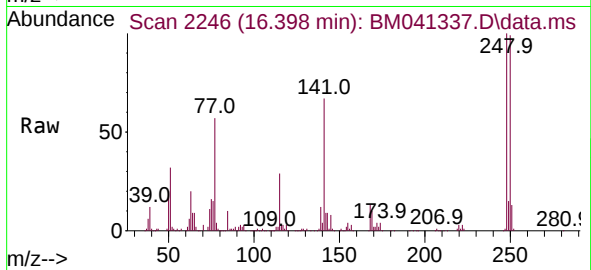




#67
4-Bromophenyl-phenylether
Concen: 52.307 ng
RT: 16.398 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

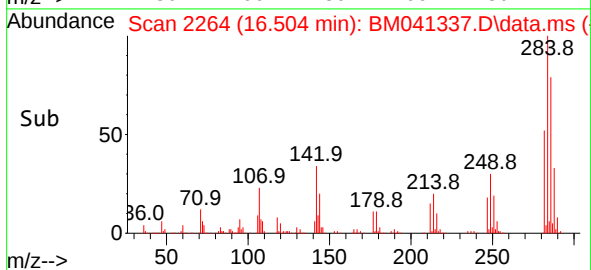
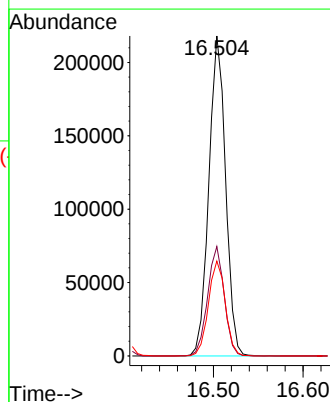
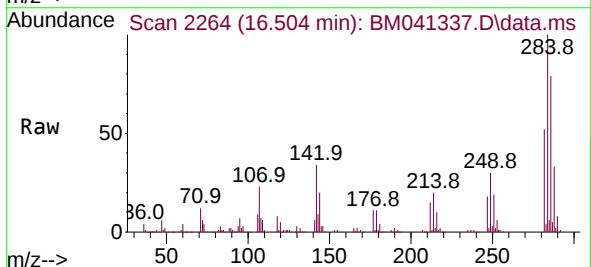
Instrument :
BNA_M
ClientSampleId :
TP-36MSD

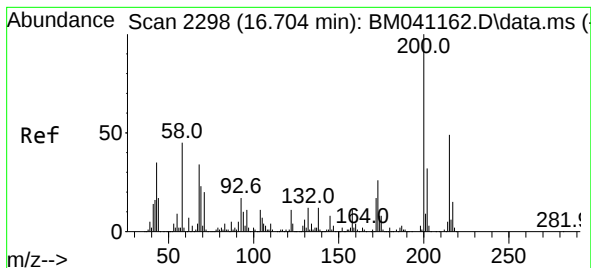
Tgt Ion:248 Resp: 241441
Ion Ratio Lower Upper
248 100
250 99.2 78.0 117.0
141 67.4 53.8 80.8



#68
Hexachlorobenzene
Concen: 55.172 ng
RT: 16.504 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

Tgt Ion:284 Resp: 283174
Ion Ratio Lower Upper
284 100
142 34.2 28.0 42.0
249 29.6 23.7 35.5





#69

Atrazine

Concen: 65.483 ng

RT: 16.680 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

Instrument :

BNA_M

ClientSampleId :

TP-36MSD

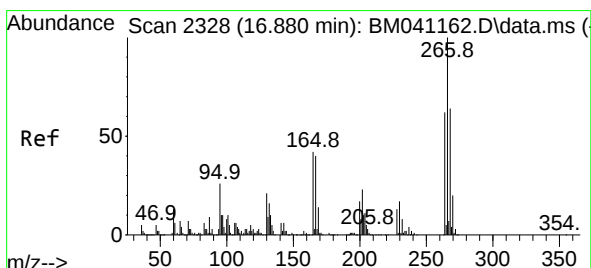
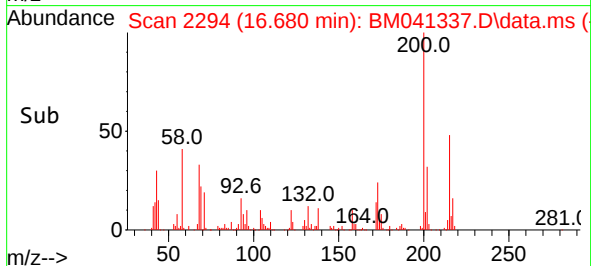
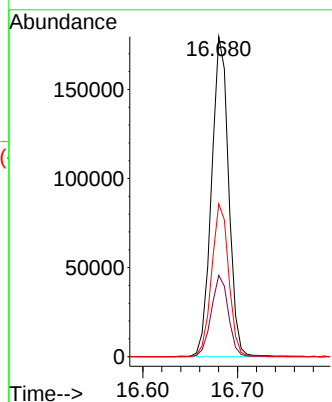
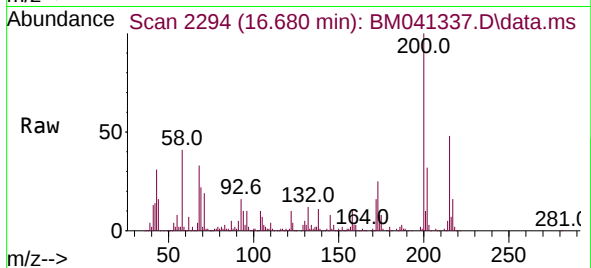
Tgt Ion:200 Resp: 225159

Ion Ratio Lower Upper

200 100

173 25.4 5.6 45.6

215 47.7 28.5 68.5



#70

Pentachlorophenol

Concen: 87.130 ng

RT: 16.863 min Scan# 2325

Delta R.T. -0.006 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

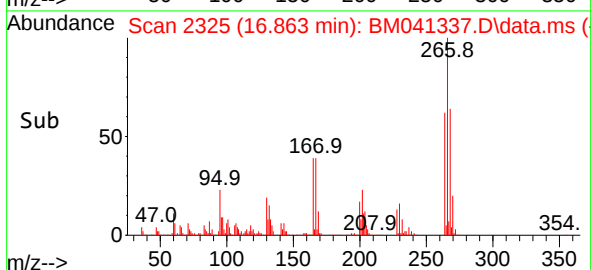
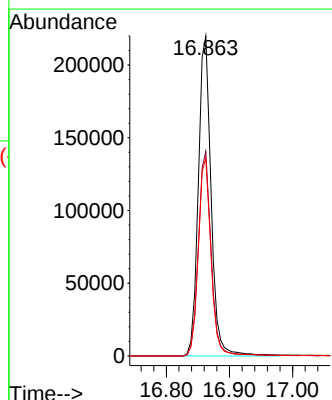
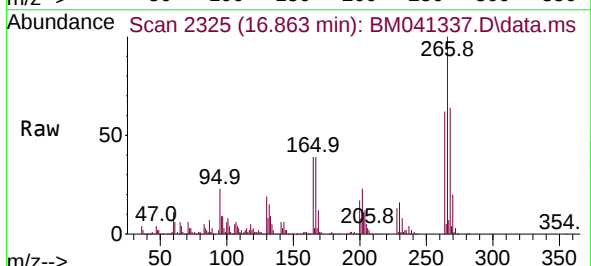
Tgt Ion:266 Resp: 309669

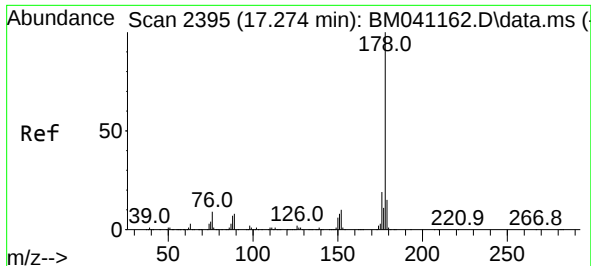
Ion Ratio Lower Upper

266 100

268 63.9 51.0 76.6

264 61.7 49.4 74.2

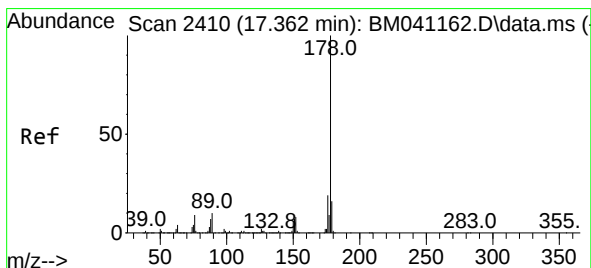
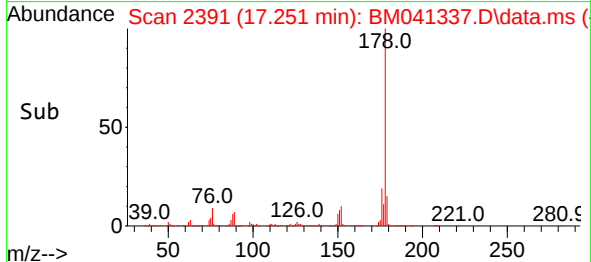
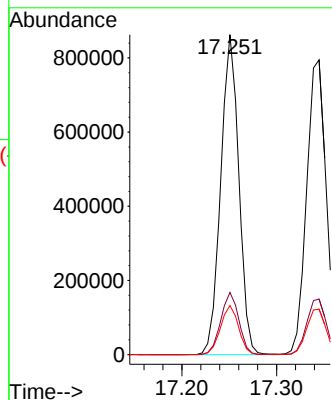
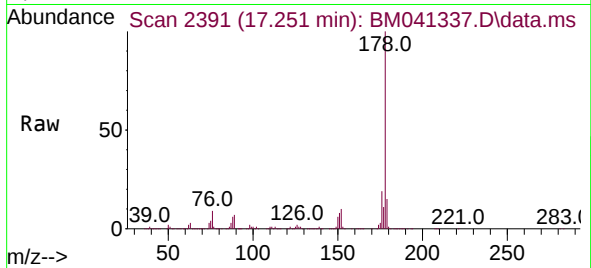




#71
Phenanthrene
Concen: 48.813 ng
RT: 17.251 min Scan# 2391
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

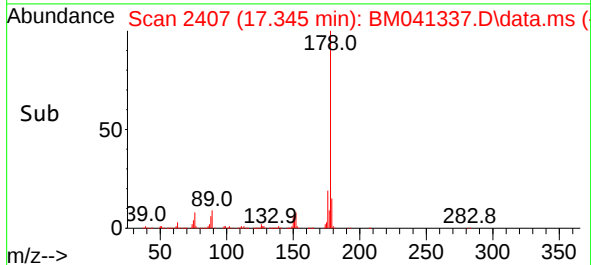
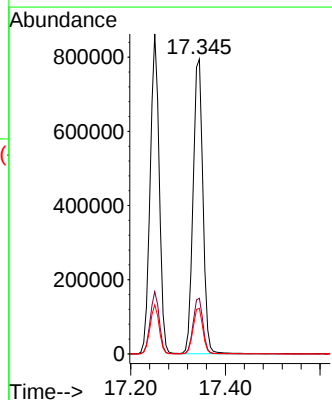
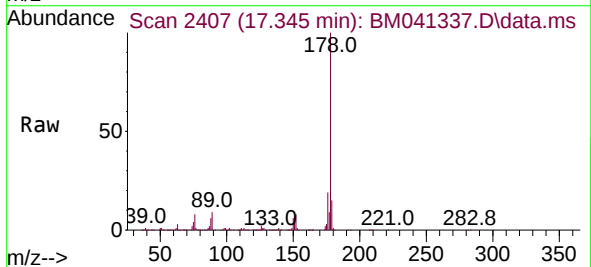
Instrument :
BNA_M
ClientSampleId :
TP-36MSD

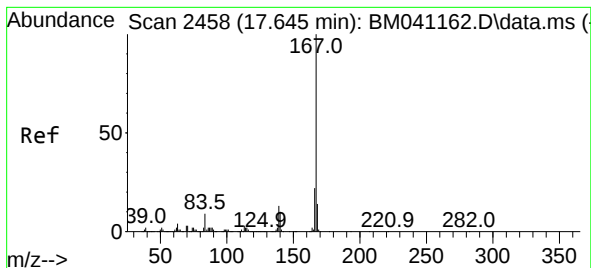
Tgt Ion:178 Resp: 1141748
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.3 12.1 18.1



#72
Anthracene
Concen: 49.470 ng
RT: 17.345 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

Tgt Ion:178 Resp: 1144421
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 15.4 12.4 18.6





#73

Carbazole

Concen: 48.532 ng

RT: 17.627 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

Instrument :

BNA_M

ClientSampleId :

TP-36MSD

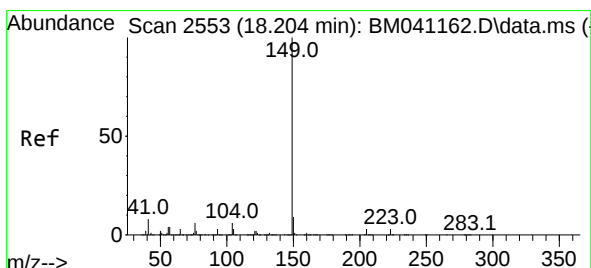
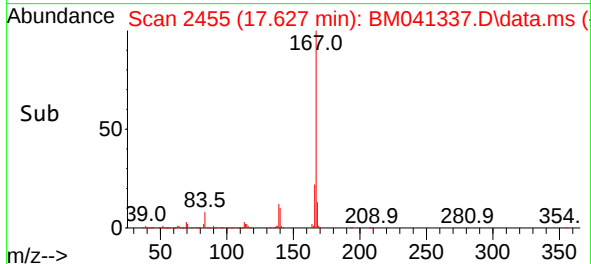
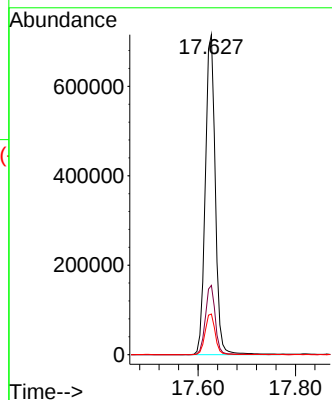
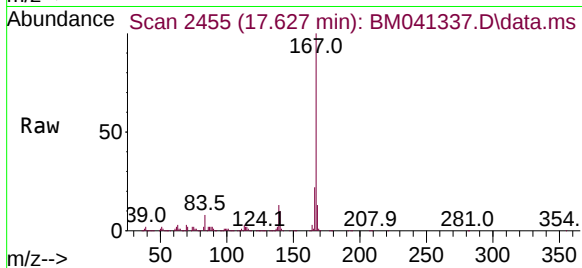
Tgt Ion:167 Resp: 1016175

Ion Ratio Lower Upper

167 100

166 21.6 17.3 25.9

139 12.7 10.3 15.5



#74

Di-n-butylphthalate

Concen: 53.400 ng

RT: 18.180 min Scan# 2549

Delta R.T. -0.006 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

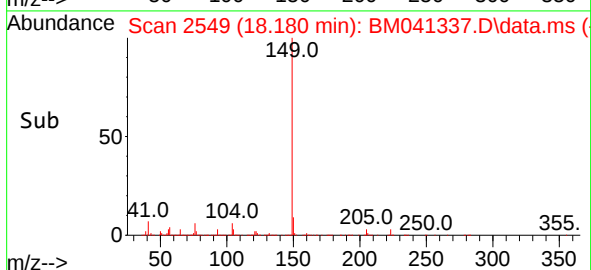
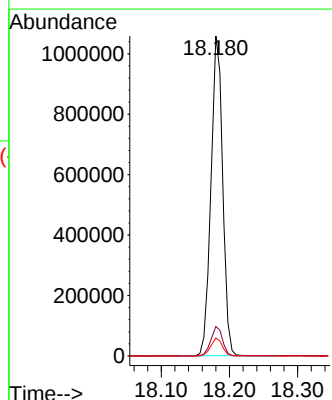
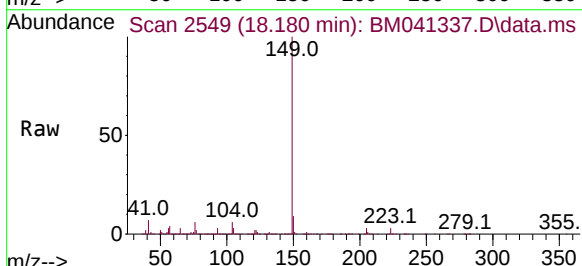
Tgt Ion:149 Resp: 1263457

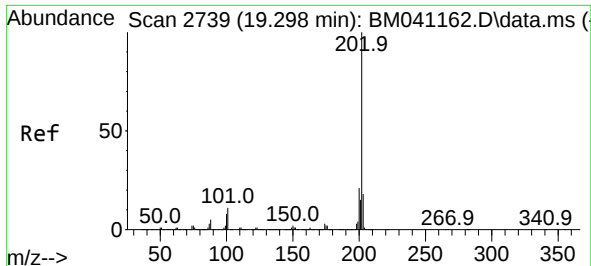
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 5.6 4.5 6.7

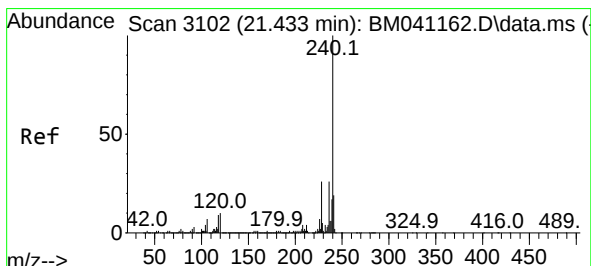
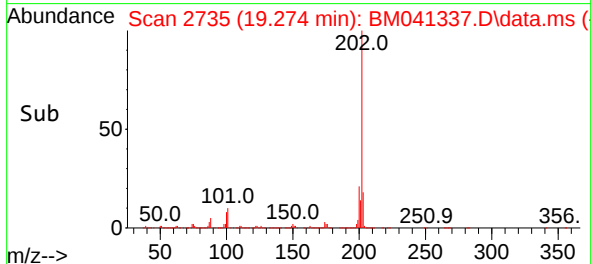
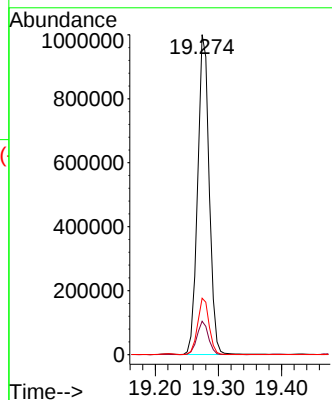
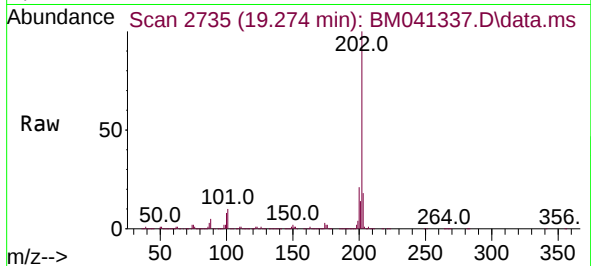




#75
Fluoranthene
Concen: 48.360 ng
RT: 19.274 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

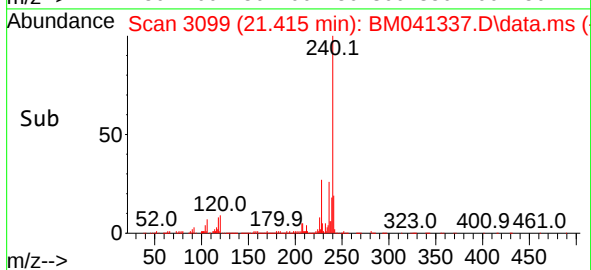
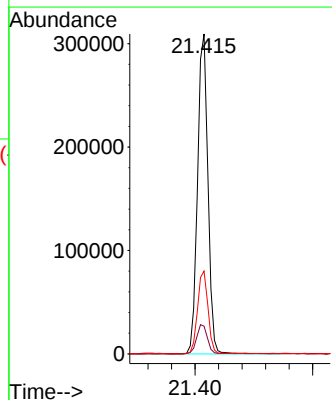
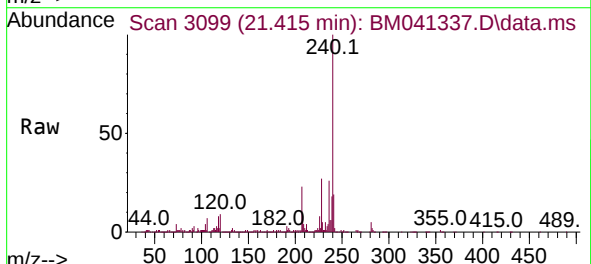
Instrument :
BNA_M
ClientSampleId :
TP-36MSD

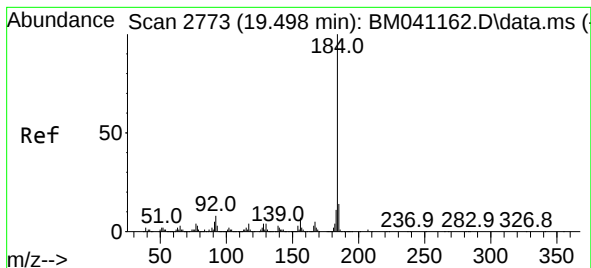
Tgt Ion:202 Resp: 1270828
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.8
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3099
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

Tgt Ion:240 Resp: 378488
Ion Ratio Lower Upper
240 100
120 8.7 8.3 12.5
236 25.9 20.6 30.8





#77

Benzidine

Concen: 97.615 ng

RT: 19.480 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

Instrument :

BNA_M

ClientSampleId :

TP-36MSD

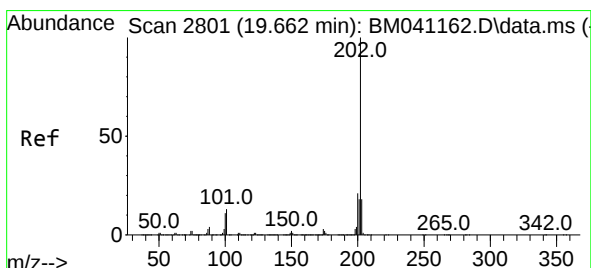
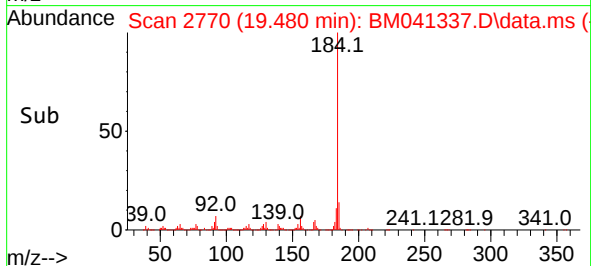
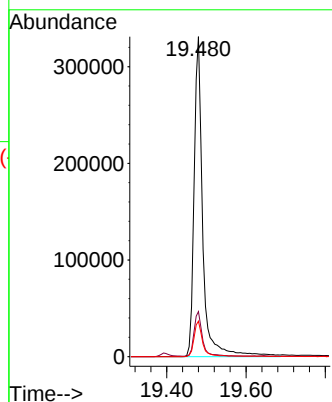
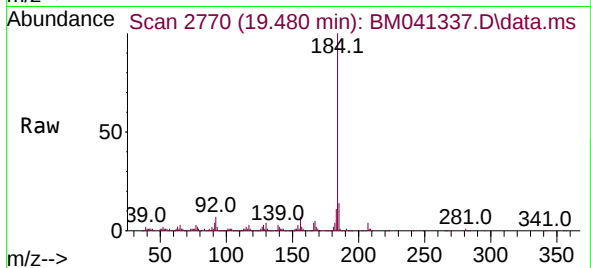
Tgt Ion:184 Resp: 503570

Ion Ratio Lower Upper

184 100

185 14.1 11.4 17.0

183 11.1 9.2 13.8



#78

Pyrene

Concen: 50.667 ng

RT: 19.645 min Scan# 2798

Delta R.T. 0.000 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

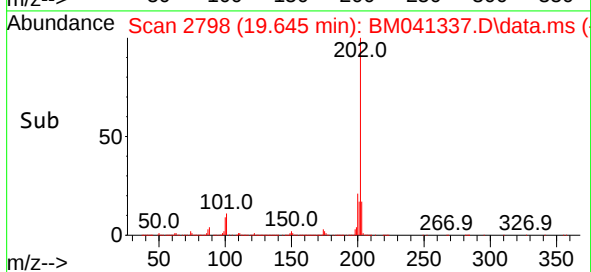
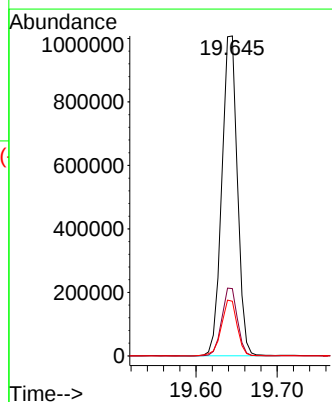
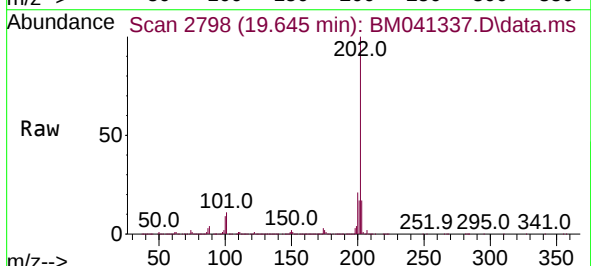
Tgt Ion:202 Resp: 1341074

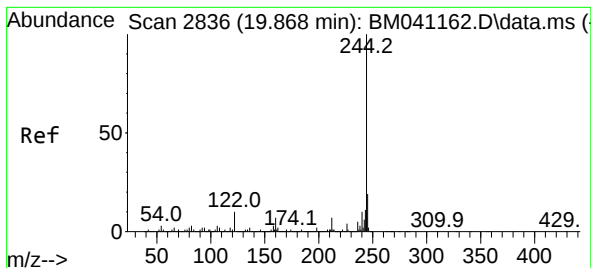
Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

203 17.1 14.1 21.1





#79

Terphenyl-d14

Concen: 67.011 ng

RT: 19.845 min Scan# 2836

Delta R.T. -0.006 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

Instrument :

BNA_M

ClientSampleId :

TP-36MSD

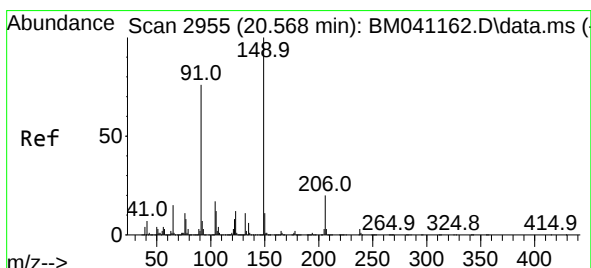
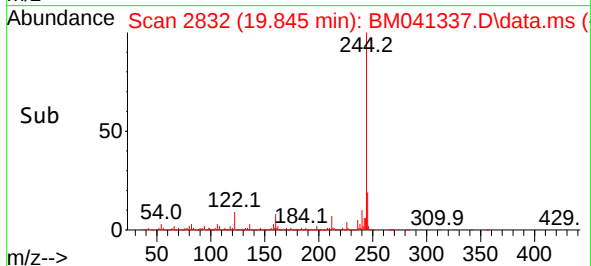
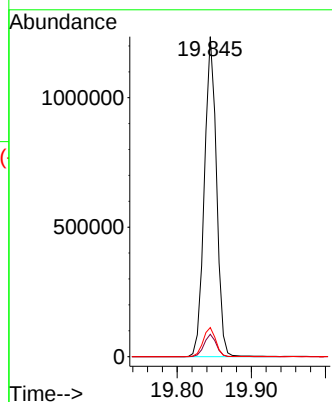
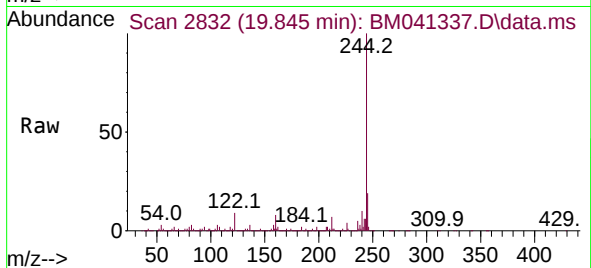
Tgt Ion:244 Resp: 1402779

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 9.1 7.8 11.6



#80

Butylbenzylphthalate

Concen: 55.859 ng

RT: 20.545 min Scan# 2951

Delta R.T. -0.006 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

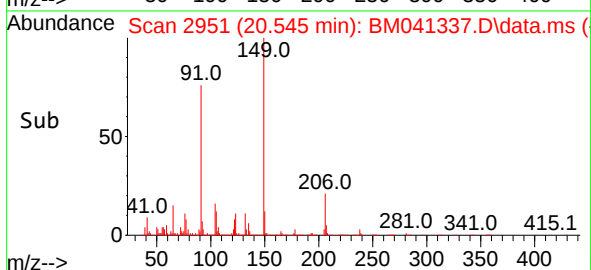
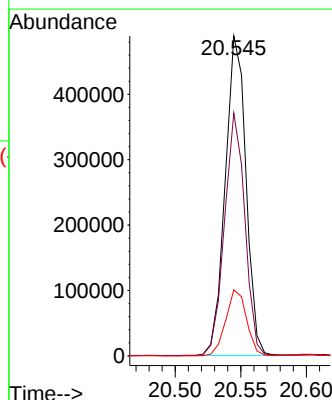
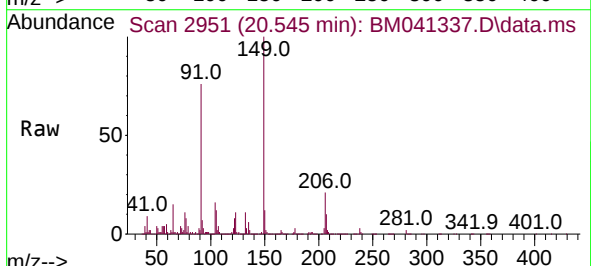
Tgt Ion:149 Resp: 539912

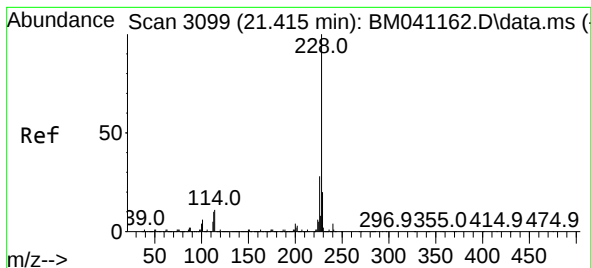
Ion Ratio Lower Upper

149 100

91 75.9 60.8 91.2

206 20.7 16.4 24.6





#81

Benzo(a)anthracene

Concen: 50.471 ng

RT: 21.398 min Scan# 3099

Delta R.T. -0.006 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

Instrument :

BNA_M

ClientSampleId :

TP-36MSD

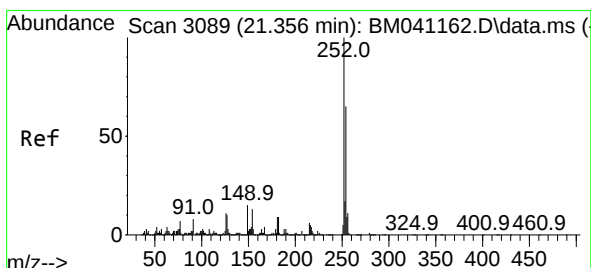
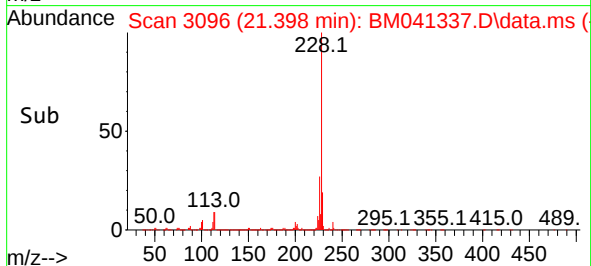
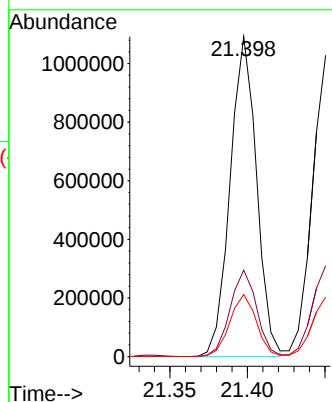
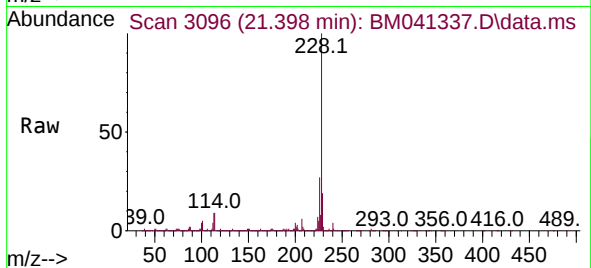
Tgt Ion:228 Resp: 1295011

Ion Ratio Lower Upper

228 100

226 27.1 22.4 33.6

229 19.4 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 45.058 ng

RT: 21.339 min Scan# 3086

Delta R.T. -0.006 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

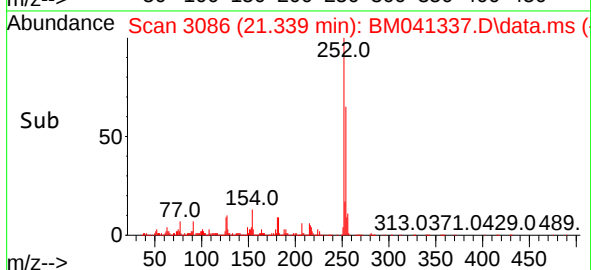
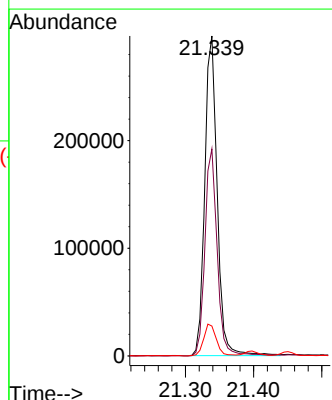
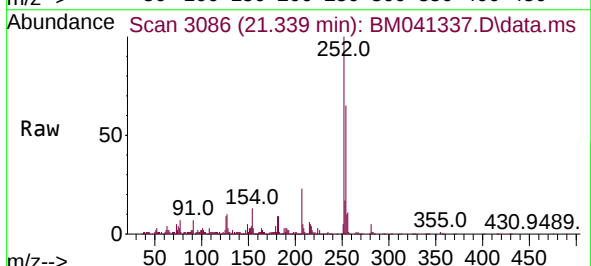
Tgt Ion:252 Resp: 377251

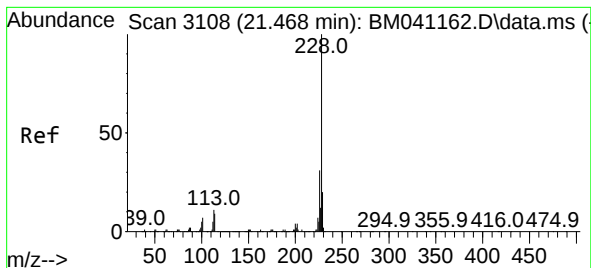
Ion Ratio Lower Upper

252 100

254 64.7 51.8 77.6

126 9.3 8.6 13.0





#83

Chrysene

Concen: 47.863 ng

RT: 21.450 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

Instrument :

BNA_M

ClientSampleId :

TP-36MSD

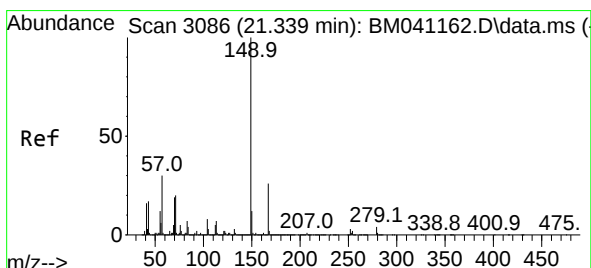
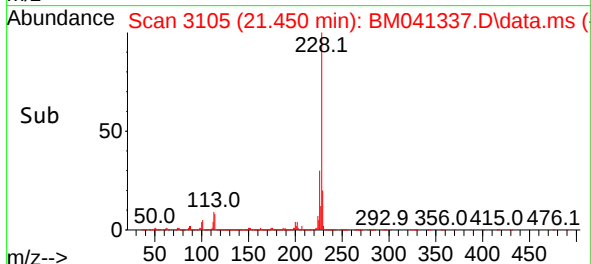
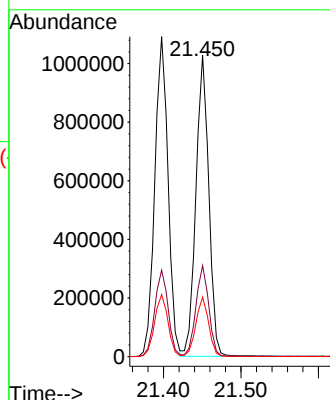
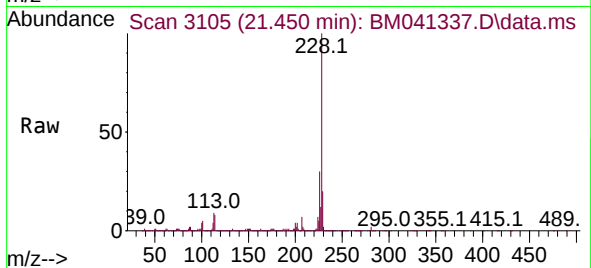
Tgt Ion:228 Resp: 1187864

Ion Ratio Lower Upper

228 100

226 30.2 24.5 36.7

229 19.8 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.916 ng

RT: 21.321 min Scan# 3083

Delta R.T. -0.006 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

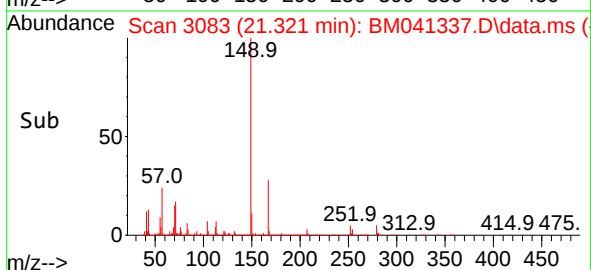
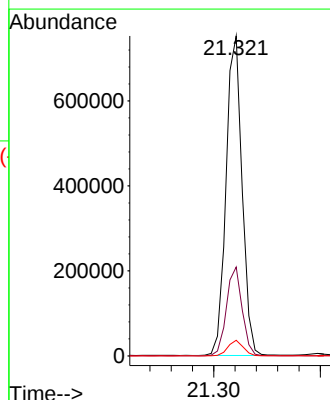
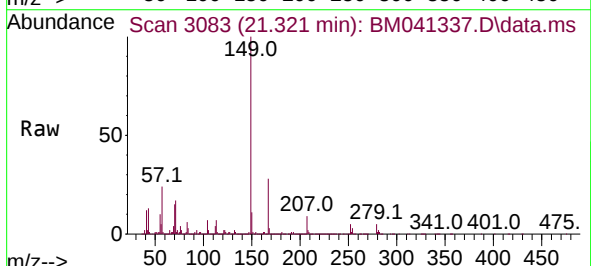
Tgt Ion:149 Resp: 784049

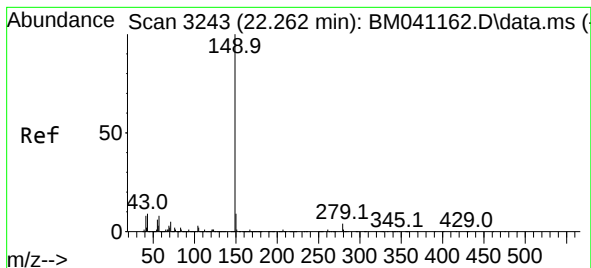
Ion Ratio Lower Upper

149 100

167 27.8 21.0 31.6

279 4.9 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 54.902 ng

RT: 22.233 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

Instrument :

BNA_M

ClientSampleId :

TP-36MSD

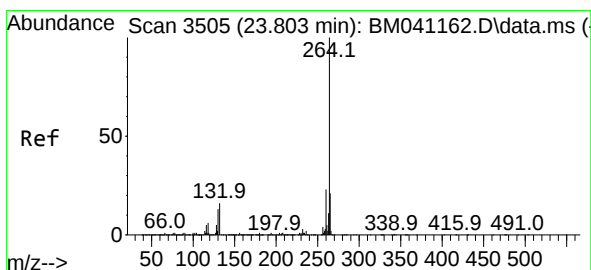
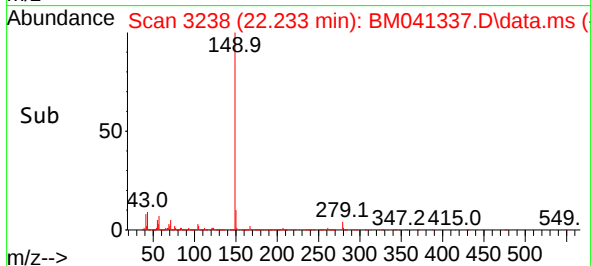
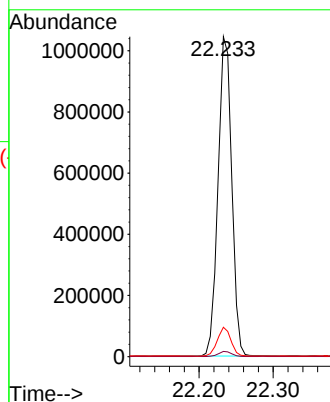
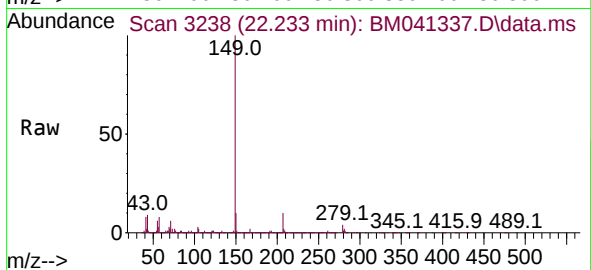
Tgt Ion:149 Resp: 1341169

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 8.8 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.780 min Scan# 3501

Delta R.T. -0.006 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

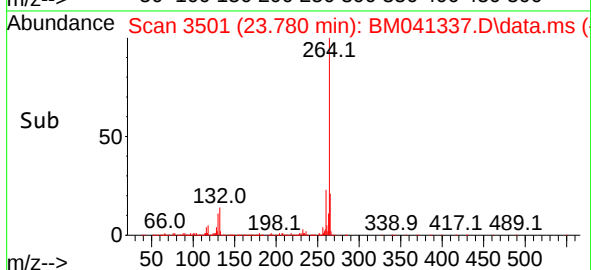
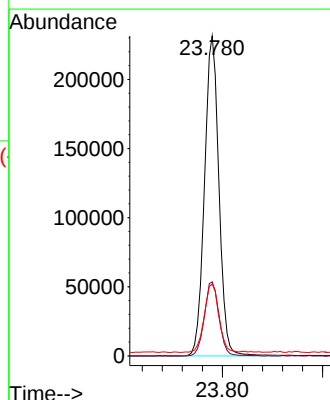
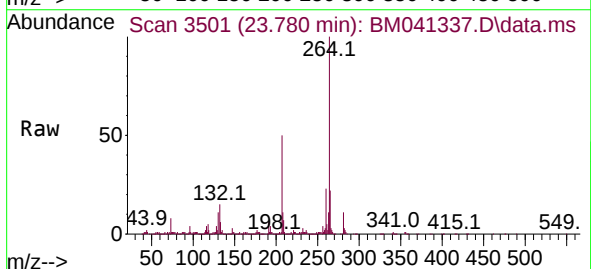
Tgt Ion:264 Resp: 461747

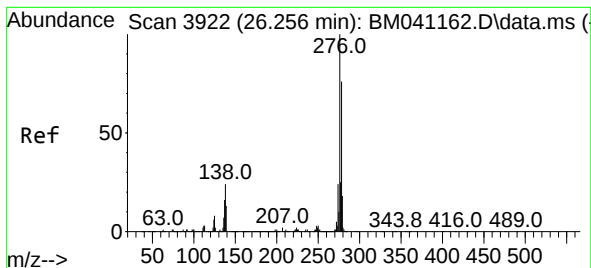
Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

265 22.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.255 ng

RT: 26.233 min Scan# 3922

Delta R.T. -0.012 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

Instrument :

BNA_M

ClientSampleId :

TP-36MSD

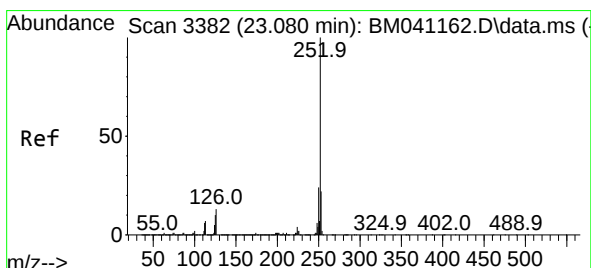
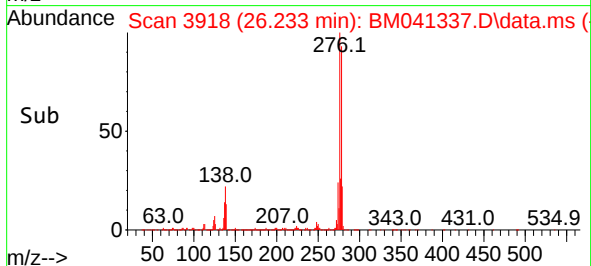
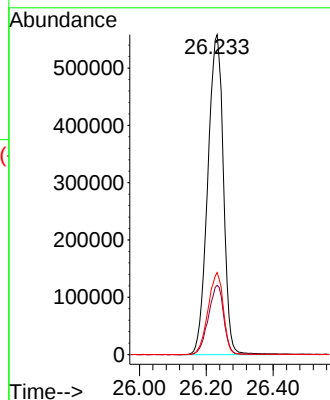
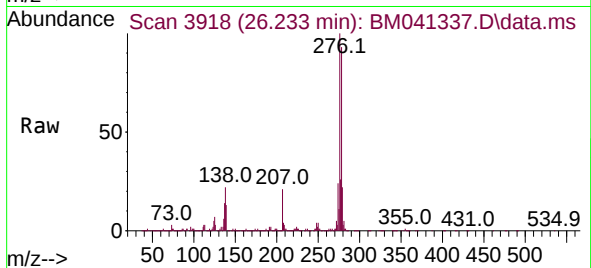
Tgt Ion:276 Resp: 1807918

Ion Ratio Lower Upper

276 100

138 21.4 20.0 30.0

277 25.3 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 50.792 ng

RT: 23.062 min Scan# 3379

Delta R.T. -0.012 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

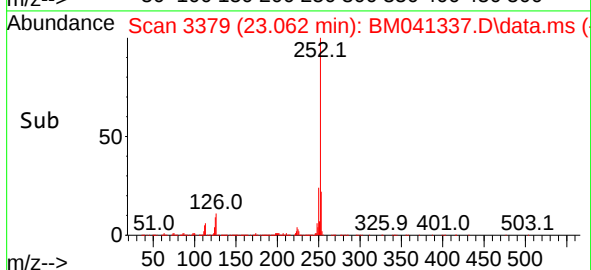
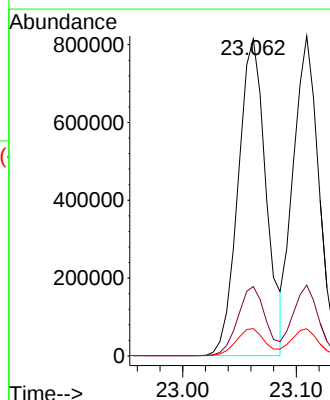
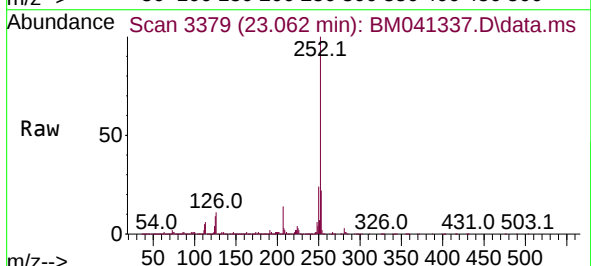
Tgt Ion:252 Resp: 1393260

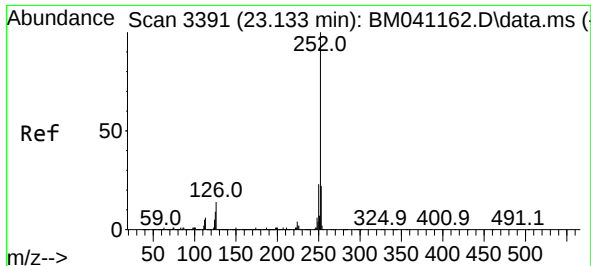
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 8.6 8.2 12.4

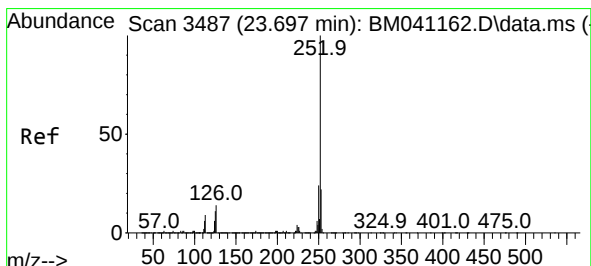
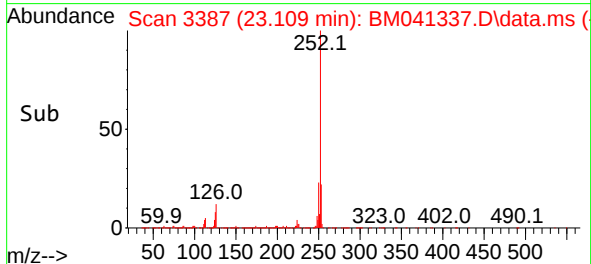
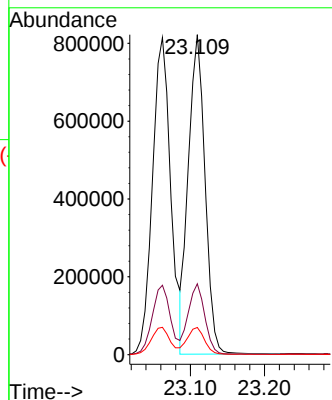
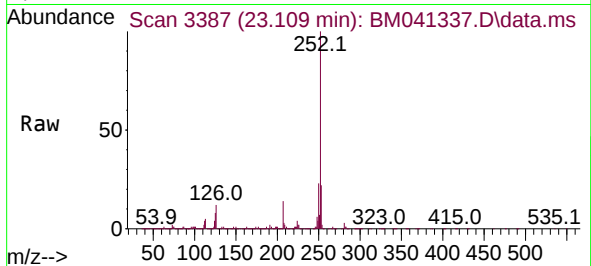




#89
Benzo(k)fluoranthene
Concen: 45.672 ng
RT: 23.109 min Scan# 3391
Delta R.T. -0.012 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

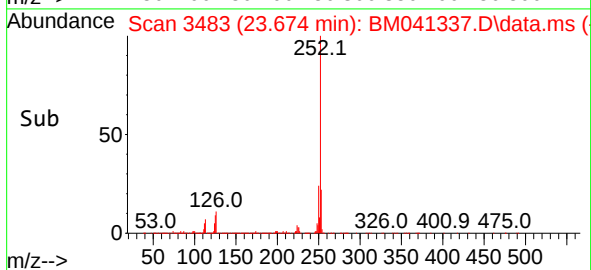
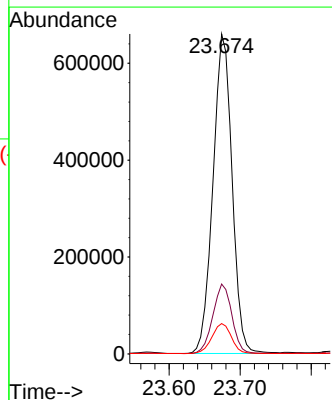
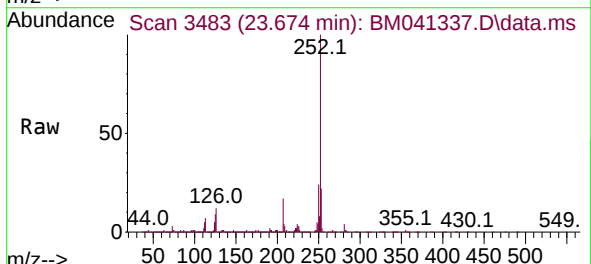
Instrument :
BNA_M
ClientSampleId :
TP-36MSD

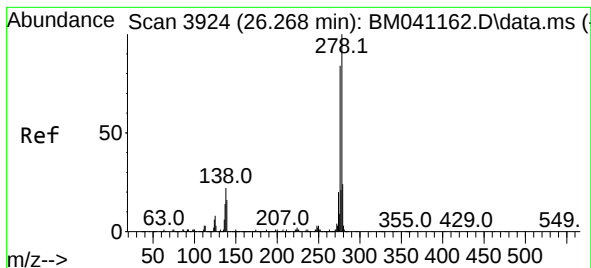
Tgt Ion:252 Resp: 1281510
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 8.5 7.6 11.4



#90
Benzo(a)pyrene
Concen: 46.830 ng
RT: 23.674 min Scan# 3483
Delta R.T. -0.012 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

Tgt Ion:252 Resp: 1234296
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 9.5 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 53.633 ng

RT: 26.244 min Scan# 39

Delta R.T. -0.012 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

Instrument :

BNA_M

ClientSampleId :

TP-36MSD

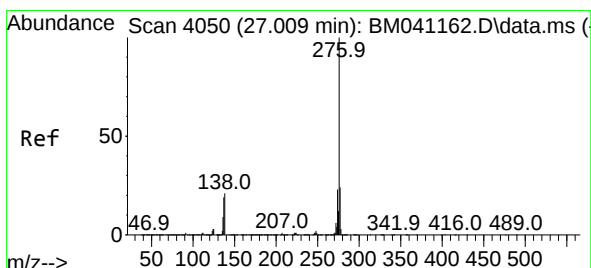
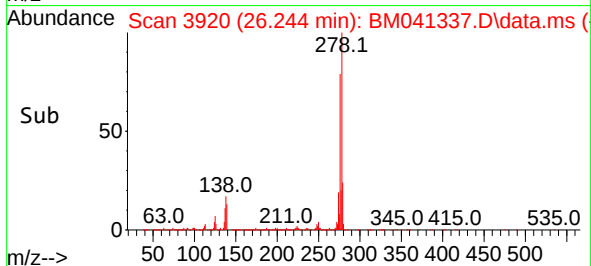
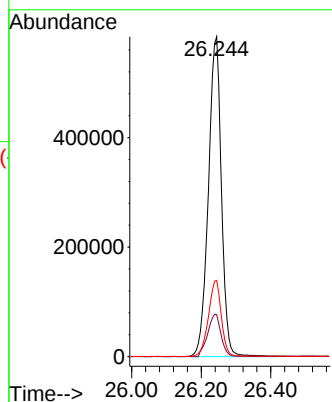
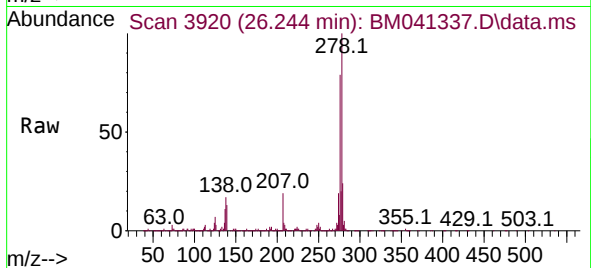
Tgt Ion:278 Resp: 1518663

Ion Ratio Lower Upper

278 100

139 13.1 12.7 19.1

279 23.8 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 52.277 ng

RT: 26.980 min Scan# 4045

Delta R.T. -0.018 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

Tgt Ion:276 Resp: 1448408

Ion Ratio Lower Upper

276 100

277 23.6 19.1 28.7

138 18.2 17.1 25.7

