

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
 Data File : BM042881.D
 Acq On : 18 Nov 2023 14:16
 Operator : MA/JU
 Sample : PB156892BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 18 21:11:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 15 22:28:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	26444	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.627	136	109488	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.474	164	69871	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.227	188	155262	20.000	ng/u1	-0.01
79) Chrysene-d12	21.409	240	184393	20.000	ng/u1	#-0.01
88) Perylene-d12	23.768	264	189028	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	6701	7.951	ng/uL	-0.01
4) Pyridine-d5	3.604	84	99960	47.684	ng/u1	-0.01
7) Phenol-d5	7.087	99	733	0.285	ng/u1	0.09
9) Bis-(2-Chloroethyl)eth...	7.163	67	89846	49.681	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.334	132	86591	43.604	ng/u1	-0.02
15) 4-Methylphenol-d8	8.539	113	86189	42.532	ng/u1	-0.01
21) Nitrobenzene-d5	9.128	128	153	0.159	ng/u1	0.10
24) 2-Nitrophenol-d4	9.728	143	44601	39.717	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.251	165	86939	41.637	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.798	131	99188	37.414	ng/u1	-0.02
46) Dimethylphthalate-d6	13.898	166	273196	41.313	ng/u1	0.00
49) Acenaphthylene-d8	14.174	160	297712	42.077	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.721	143	31496	42.157	ng/u1	-0.02
60) Fluorene-d10	15.468	176	232314	42.424	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.615	200	47469	40.363	ng/u1	-0.01
73) Anthracene-d10	17.327	188	374420	43.030	ng/u1	-0.01
81) Pyrene-d10	19.621	212	497508	41.202	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.615	264	520821	46.062	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.204	88	15502	17.273	ng/uL#	85
5) Pyridine	3.628	79	107880	47.326	ng/u1	100
6) Benzaldehyde	6.981	77	80221	54.327	ng/u1	93
8) Phenol	7.010	94	120326	47.002	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.257	93	97040	45.890	ng/u1	89
12) 2-Chlorophenol	7.369	128	87958	44.506	ng/u1#	87
13) 2-Methylphenol	8.263	108	80092	41.955	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.328	45	126709	32.916	ng/u1	95
16) Acetophenone	8.669	105	145156	42.600	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.639	70	91308	44.020	ng/u1	92
18) 4-Methylphenol	8.598	108	89525	43.134	ng/u1	94
19) Hexachloroethane	8.863	117	50762	46.083	ng/u1	86
22) Nitrobenzene	9.057	77	134691	46.424	ng/u1	96
23) Isophorone	9.569	82	242123	41.901	ng/u1	97
25) 2-Nitrophenol	9.757	139	45814	40.156	ng/u1#	79
26) 2,4-Dimethylphenol	9.798	107	85116	34.868	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.057	93	126706	43.393	ng/u1	99
29) 2,4-Dichlorophenol	10.275	162	83957	42.469	ng/u1	95
30) Naphthalene	10.675	128	280623	40.911	ng/u1	99
32) 4-Chloroaniline	10.827	127	93716	36.847	ng/u1	94
33) Hexachlorobutadiene	10.898	225	71875	41.159	ng/u1	96
34) Caprolactam	11.651	113	18277	31.181	ng/u1	89
35) 4-Chloro-3-methylphenol	11.939	107	91173	43.040	ng/u1	97
36) 2-Methylnaphthalene	12.286	142	190898	41.525	ng/u1	97

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 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.510	142	188399	38.978	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.639	216	120294	43.899	ng/ul	97
40) Hexachlorocyclopentadiene	12.580	237	44312	34.157	ng/ul	96
41) 2,4,6-Trichlorophenol	12.904	196	70787	42.291	ng/ul	97
42) 2,4,5-Trichlorophenol	12.980	196	72532	44.877	ng/ul	98
43) 1,1'-Biphenyl	13.304	154	254621	43.697	ng/ul	98
44) 2-Chloronaphthalene	13.357	162	205648	43.870	ng/ul	97
45) 2-Nitroaniline	13.604	65	75259	49.228	ng/ul	90
47) Dimethylphthalate	13.945	163	269337	41.817	ng/ul	99
48) 2,6-Dinitrotoluene	14.098	165	50442	41.686	ng/ul	91
50) Acenaphthylene	14.204	152	343809	43.366	ng/ul	99
51) 3-Nitroaniline	14.439	138	39371	39.790	ng/ul	96
52) Acenaphthene	14.539	153	233673	43.581	ng/ul	97
53) 2,4-Dinitrophenol	14.645	184	22126	36.775	ng/ul#	82
55) 4-Nitrophenol	14.733	109	53573	45.568	ng/ul	95
56) Dibenzofuran	14.874	168	327006	43.941	ng/ul	97
57) 2,4-Dinitrotoluene	14.880	165	80063	45.069	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.092	232	72135	42.996	ng/ul#	98
59) Diethylphthalate	15.292	149	283509	41.977	ng/ul	99
61) Fluorene	15.521	166	288748	45.700	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.515	204	154925	45.498	ng/ul	96
63) 4-Nitroaniline	15.610	138	39902	44.233	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.627	198	50466	42.149	ng/ul#	89
67) N-Nitrosodiphenylamine	15.745	169	216840	44.529	ng/ul	98
68) 4-Bromophenyl-phenylether	16.409	248	89058	43.093	ng/ul	95
69) Hexachlorobenzene	16.492	284	106861	42.297	ng/ul	98
70) Atrazine	16.692	200	79502	42.385	ng/ul	99
71) Pentachlorophenol	16.862	266	57928	39.817	ng/ul	99
72) Phenanthrene	17.268	178	434896	44.837	ng/ul	98
74) Anthracene	17.362	178	436687	44.759	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.257	216	123714	45.062	ng/uL	99
76) Pentachlorobenzene	14.763	250	127741	44.344	ng/uL	99
77) Carbazole	17.656	167	353712	43.906	ng/ul	99
78) Di-n-butylphthalate	18.168	149	501854	42.601	ng/ul	98
80) Fluoranthene	19.286	202	558091	40.536	ng/ul	98
82) Pyrene	19.650	202	611686	41.902	ng/ul	96
83) Butylbenzylphthalate	20.533	149	233450	37.441	ng/ul	85
84) 3,3'-Dichlorobenzidine	21.344	252	175954	37.284	ng/ul	99
85) Benzo(a)anthracene	21.397	228	641269	44.303	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.280	149	357318	37.771	ng/ul	98
87) Chrysene	21.450	228	598735	42.651	ng/ul	99
89) Di-n-octyl phthalate	22.186	149	622897	40.794	ng/ul	100
90) Benzo(b)fluoranthene	23.044	252	628034	48.684	ng/ul	98
91) Benzo(k)fluoranthene	23.091	252	641228	46.695	ng/ul	99
93) Benzo(a)pyrene	23.668	252	594955	47.330	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.226	276	747725	47.863	ng/ul	98
95) Dibenzo(a,h)anthracene	26.238	278	628495	48.525	ng/ul	98
96) Benzo(g,h,i)perylene	26.997	276	593908	47.875	ng/ul	100

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

Instrument :

BNA M

ClientSampleId :

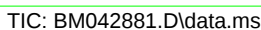
Quant Time: Nov 18 21:11:15 2023

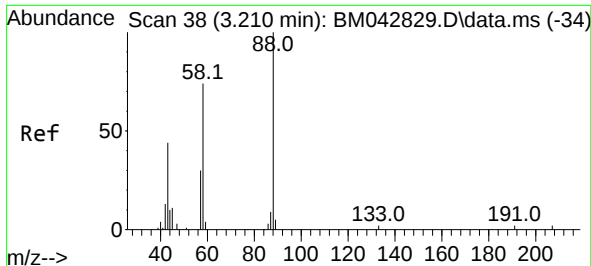
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Nov 15 22:28:07 2023

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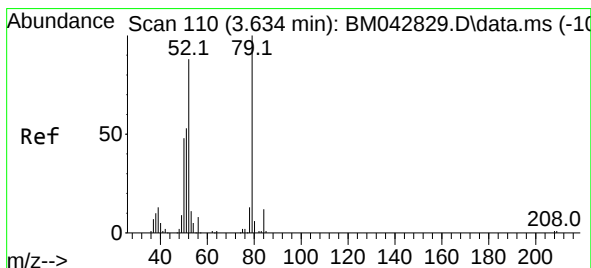
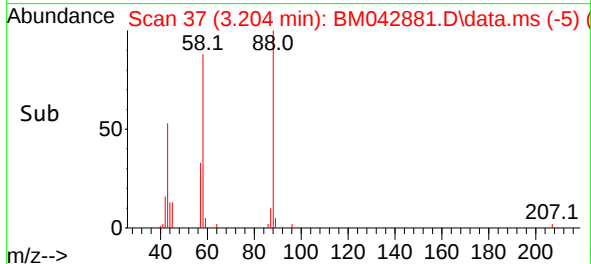
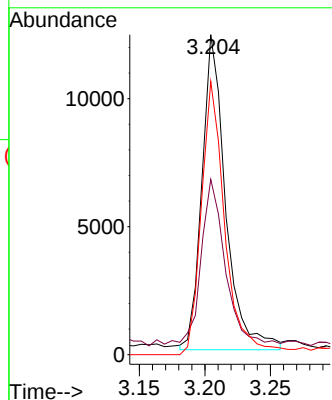
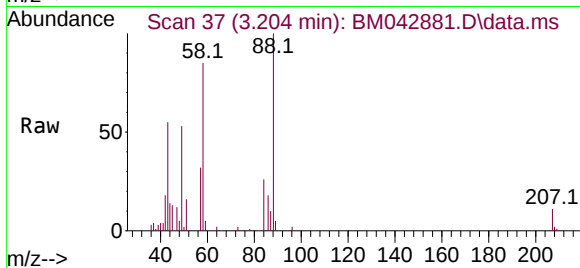




#2
1,4-Dioxane
Concen: 17.273 ng/uL
RT: 3.204 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM042881.D
Acq: 18 Nov 2023 14:16

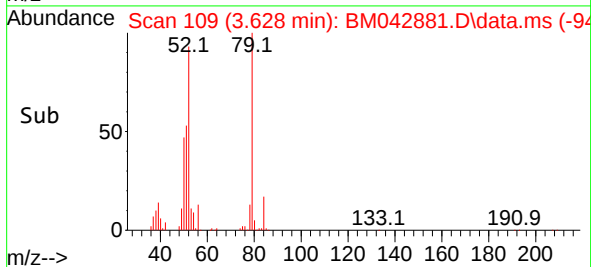
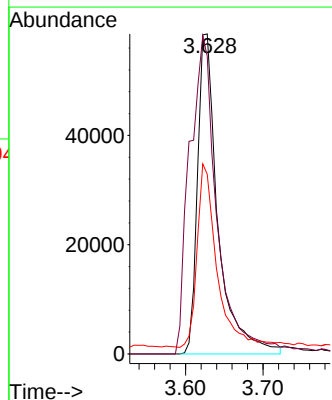
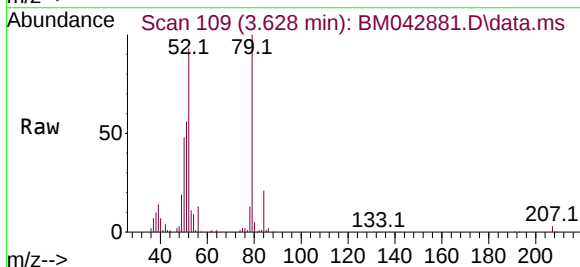
Instrument :
BNA_M
ClientSampleId :

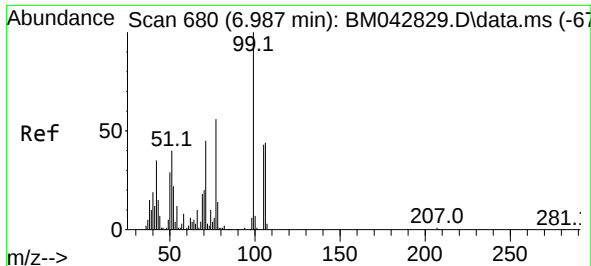
Tgt Ion: 88 Resp: 15502
Ion Ratio Lower Upper
88 100
43 54.8 34.3 51.5#
58 85.4 59.4 89.0



#5
Pyridine
Concen: 47.326 ng/uL
RT: 3.628 min Scan# 109
Delta R.T. -0.012 min
Lab File: BM042881.D
Acq: 18 Nov 2023 14:16

Tgt Ion: 79 Resp: 107880
Ion Ratio Lower Upper
79 100
52 93.0 74.6 111.8
51 56.2 44.6 67.0

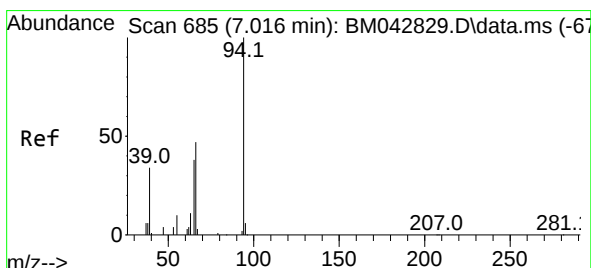
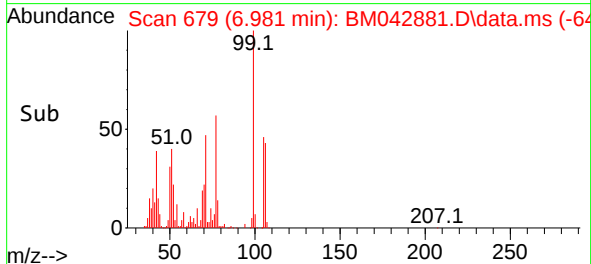
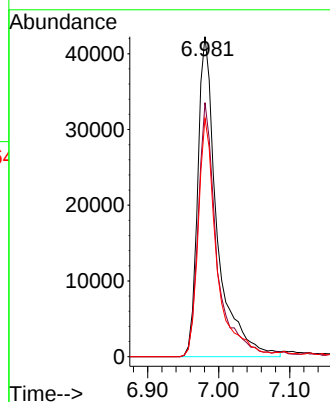
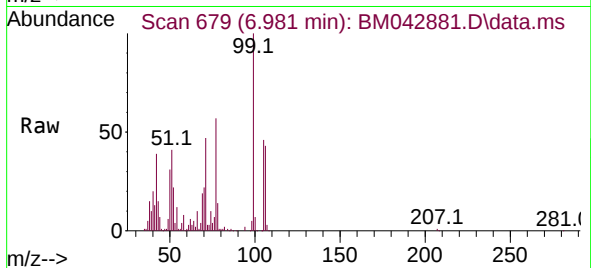




#6
Benzaldehyde
Concen: 54.327 ng/ul
RT: 6.981 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM042881.D
Acq: 18 Nov 2023 14:16

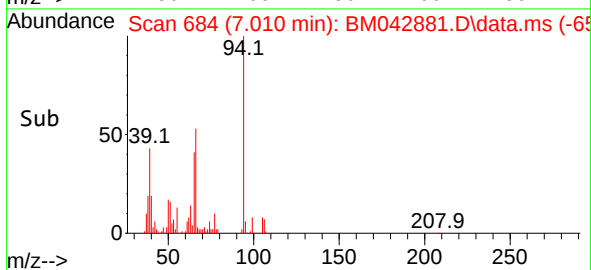
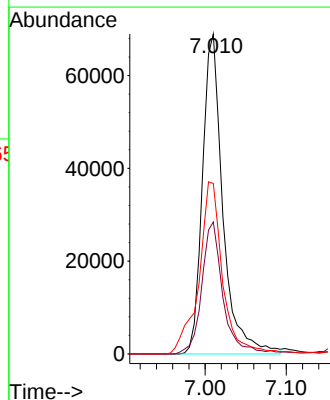
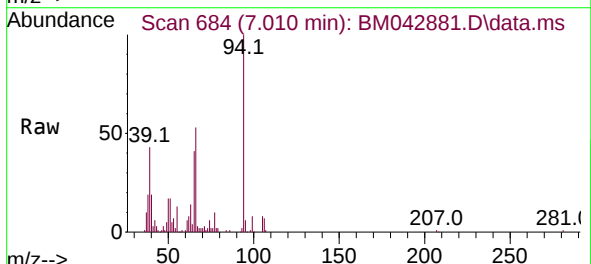
Instrument :
BNA_M
ClientSampleId :

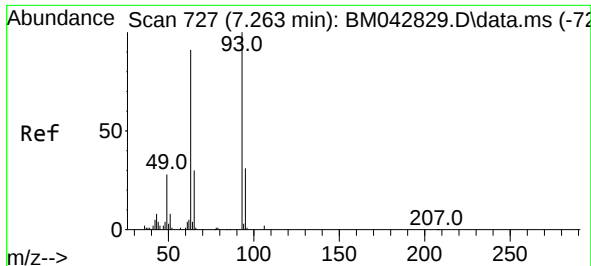
Tgt Ion: 77 Resp: 80221
Ion Ratio Lower Upper
77 100
105 79.4 69.6 104.4
106 74.5 64.2 96.2



#8
Phenol
Concen: 47.002 ng/ul
RT: 7.010 min Scan# 684
Delta R.T. -0.012 min
Lab File: BM042881.D
Acq: 18 Nov 2023 14:16

Tgt Ion: 94 Resp: 120326
Ion Ratio Lower Upper
94 100
65 41.3 30.3 45.5
66 53.3 39.9 59.9





#10

Bis(2-Chloroethyl)ether

Concen: 45.890 ng/ul

RT: 7.257 min Scan# 71

Delta R.T. -0.012 min

Lab File: BM042881.D

Acq: 18 Nov 2023 14:16

Instrument :

BNA_M

ClientSampleId :

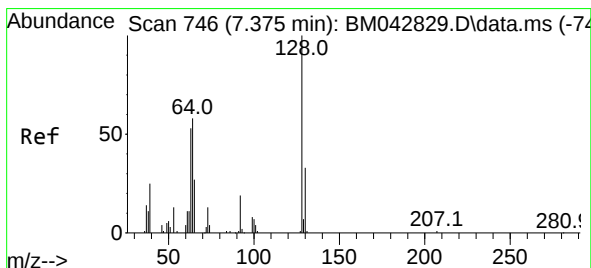
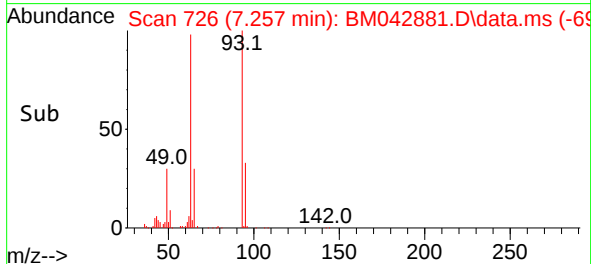
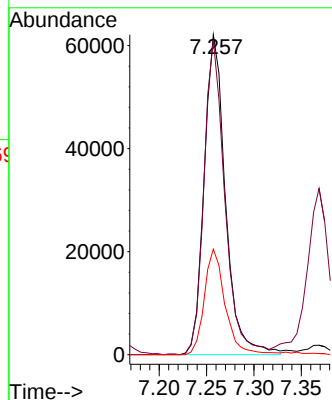
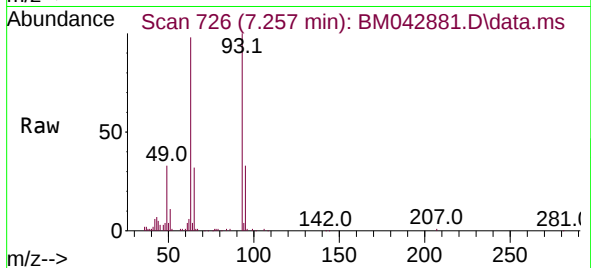
Tgt Ion: 93 Resp: 97040

Ion Ratio Lower Upper

93 100

63 98.4 68.6 102.8

95 33.0 24.8 37.2



#12

2-Chlorophenol

Concen: 44.506 ng/ul

RT: 7.369 min Scan# 745

Delta R.T. -0.012 min

Lab File: BM042881.D

Acq: 18 Nov 2023 14:16

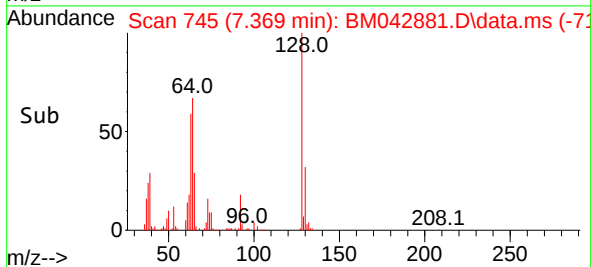
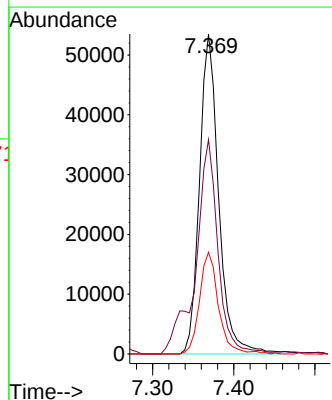
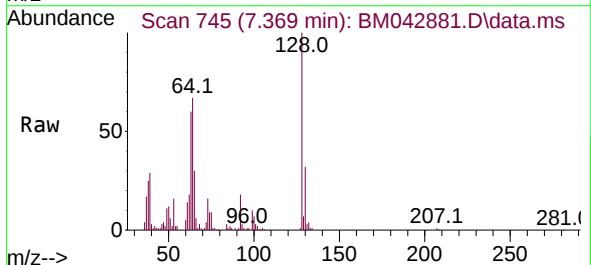
Tgt Ion:128 Resp: 87958

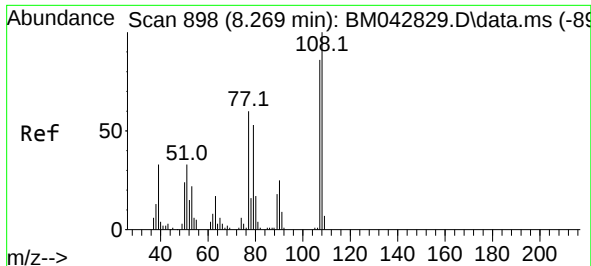
Ion Ratio Lower Upper

128 100

64 67.0 42.9 64.3#

130 31.8 23.9 35.9

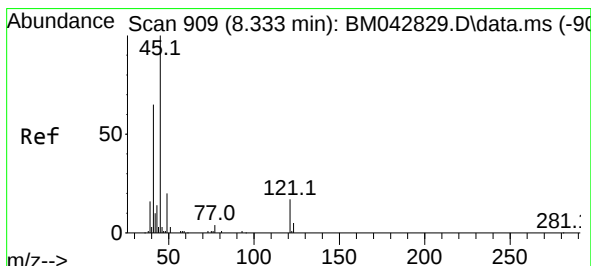
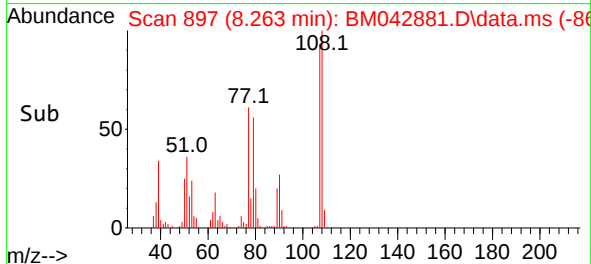
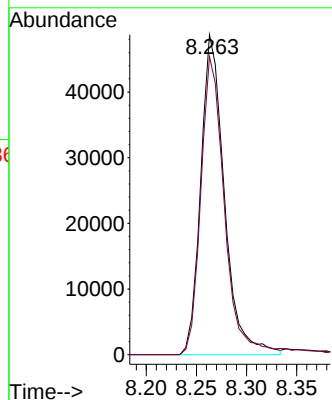
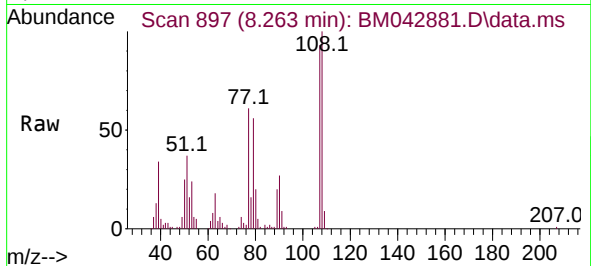




#13
2-Methylphenol
Concen: 41.955 ng/ul
RT: 8.263 min Scan# 898
Delta R.T. -0.018 min
Lab File: BM042881.D
Acq: 18 Nov 2023 14:16

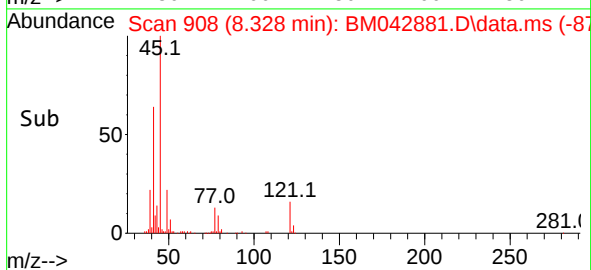
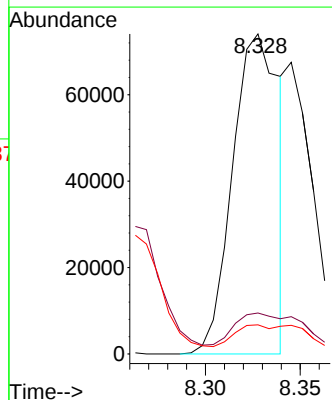
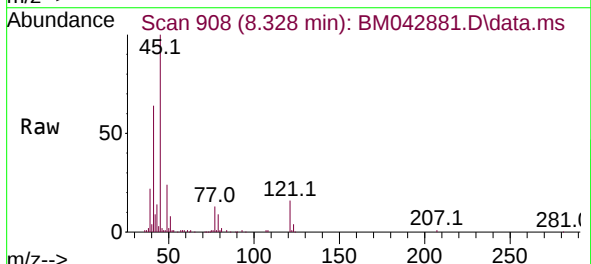
Instrument :
BNA_M
ClientSampleId :

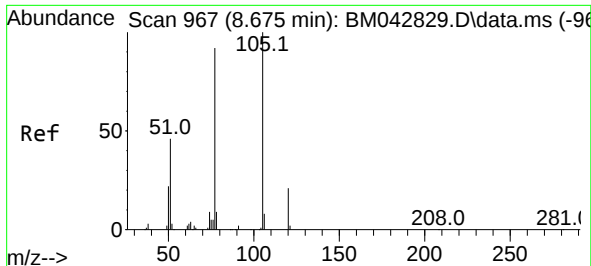
Tgt Ion:108 Resp: 80092
Ion Ratio Lower Upper
108 100
107 93.2 70.4 105.6



#14
2,2'-oxybis(1-Chloropropane)
Concen: 32.916 ng/ul
RT: 8.328 min Scan# 908
Delta R.T. -0.012 min
Lab File: BM042881.D
Acq: 18 Nov 2023 14:16

Tgt Ion: 45 Resp: 126709
Ion Ratio Lower Upper
45 100
77 12.8 12.2 18.2
79 9.1 8.2 12.2

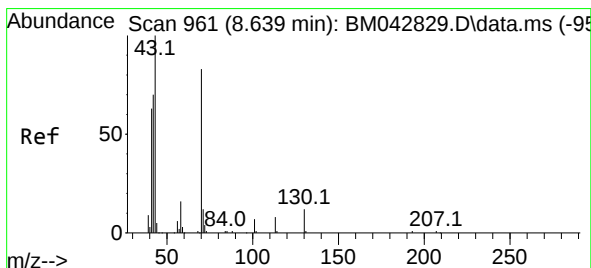
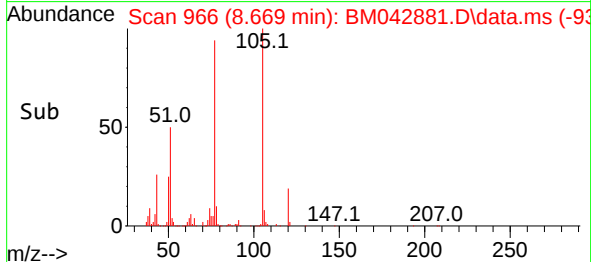
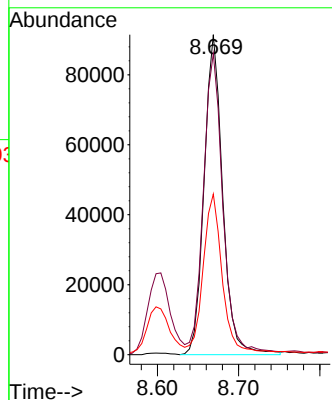
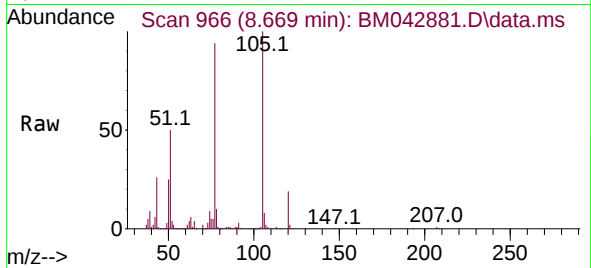




#16
Acetophenone
Concen: 42.600 ng/ul
RT: 8.669 min Scan# 967
Delta R.T. -0.012 min
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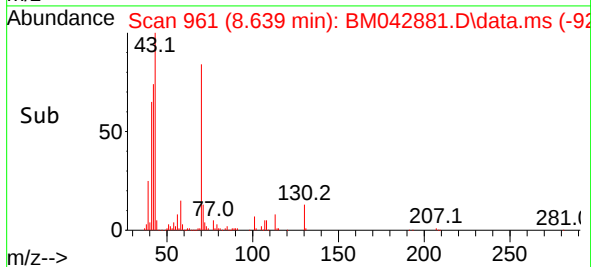
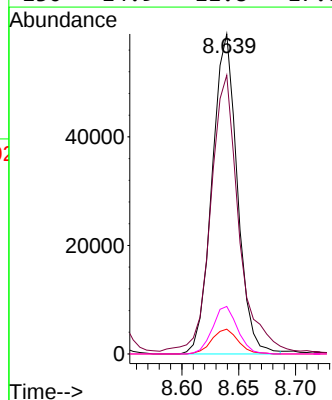
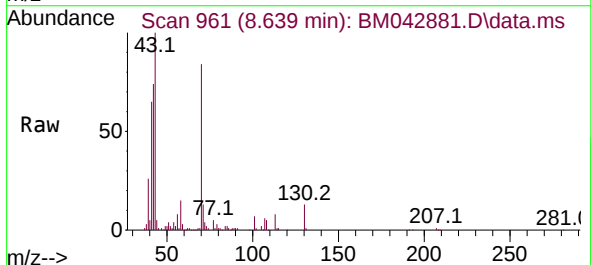
Instrument :
BNA_M
ClientSampleId :

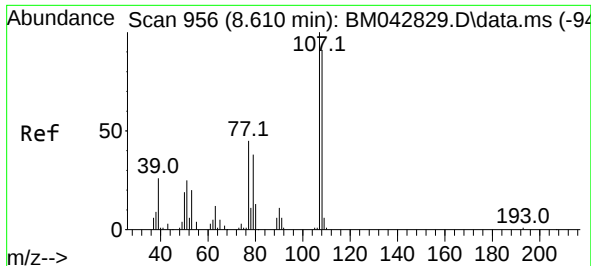
Tgt Ion:105 Resp: 145156
Ion Ratio Lower Upper
105 100
77 94.1 71.6 107.4
51 50.2 35.4 53.2



#17
N-Nitroso-di-n-propylamine
Concen: 44.020 ng/ul
RT: 8.639 min Scan# 961
Delta R.T. -0.006 min
Lab File: BM042881.D
Acq: 18 Nov 2023 14:16

Tgt Ion: 70 Resp: 91308
Ion Ratio Lower Upper
70 100
42 87.1 63.0 94.6
101 7.8 7.0 10.4
130 14.9 11.8 17.8

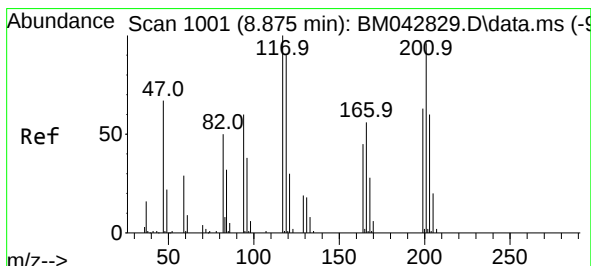
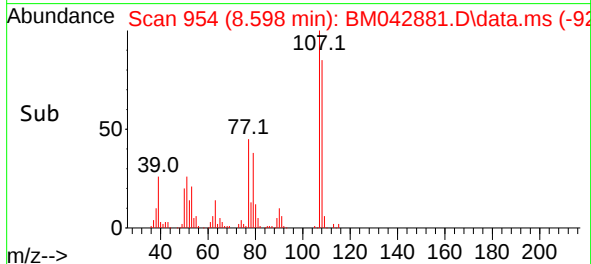
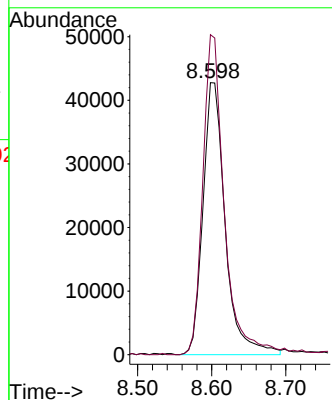
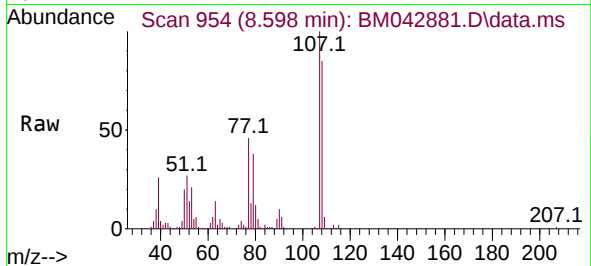




#18
4-Methylphenol
Concen: 43.134 ng/ul
RT: 8.598 min Scan# 911
Delta R.T. -0.018 min
Lab File: BM042881.D
Acq: 18 Nov 2023 14:16

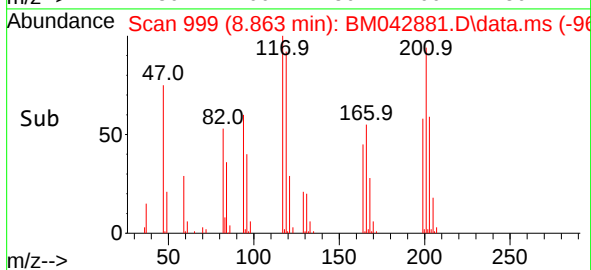
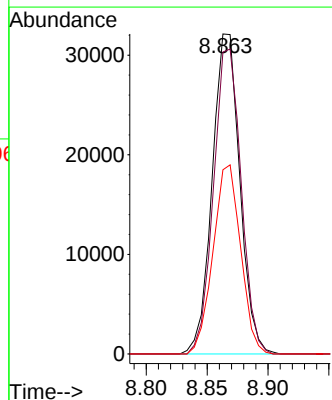
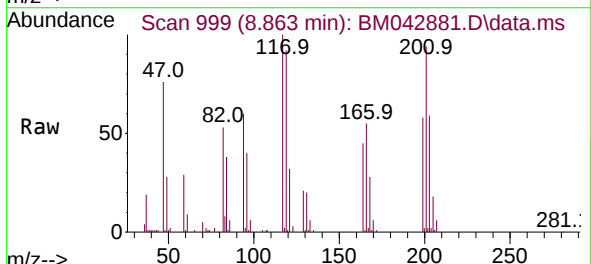
Instrument :
BNA_M
ClientSampleId :

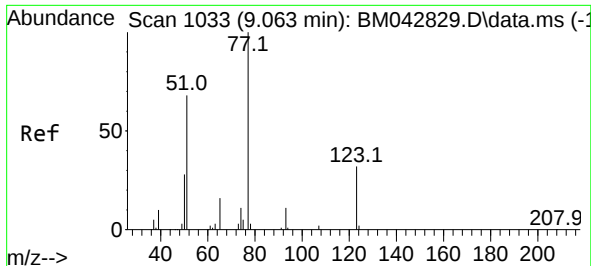
Tgt Ion:108 Resp: 89525
Ion Ratio Lower Upper
108 100
107 117.6 89.4 134.0



#19
Hexachloroethane
Concen: 46.083 ng/ul
RT: 8.863 min Scan# 999
Delta R.T. -0.018 min
Lab File: BM042881.D
Acq: 18 Nov 2023 14:16

Tgt Ion:117 Resp: 50762
Ion Ratio Lower Upper
117 100
201 94.3 90.0 135.0
199 57.5 52.2 78.4

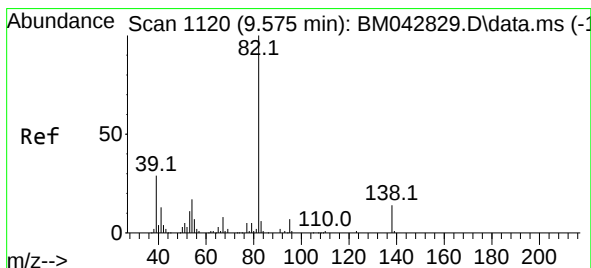
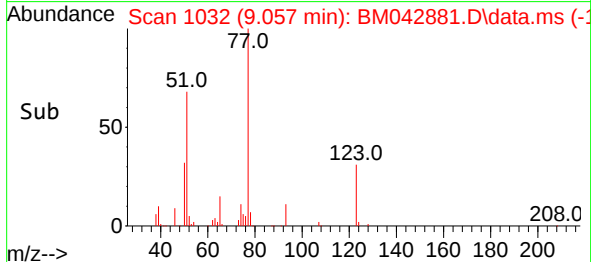
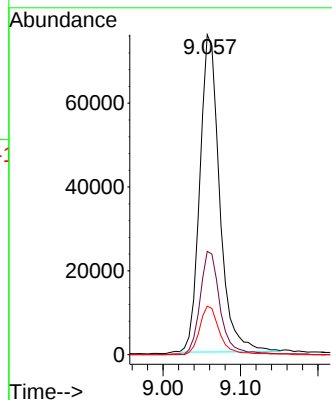
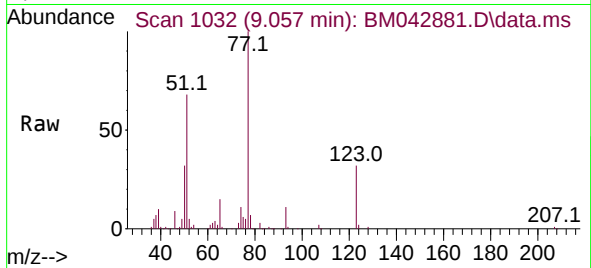




#22
Nitrobenzene
Concen: 46.424 ng/ul
RT: 9.057 min Scan# 1119
Delta R.T. -0.018 min
Lab File: BM042881.D
Acq: 18 Nov 2023 14:16

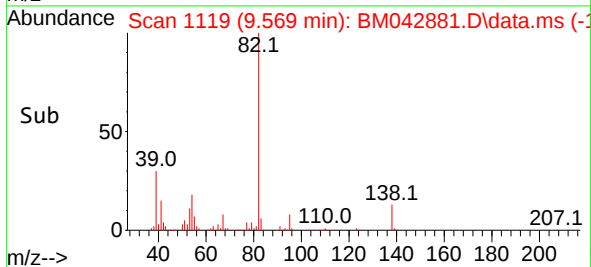
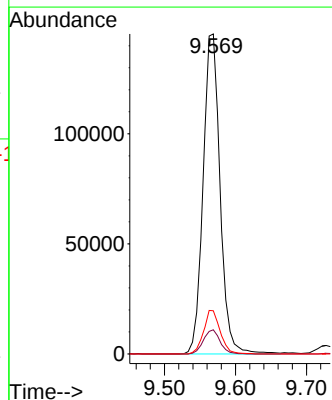
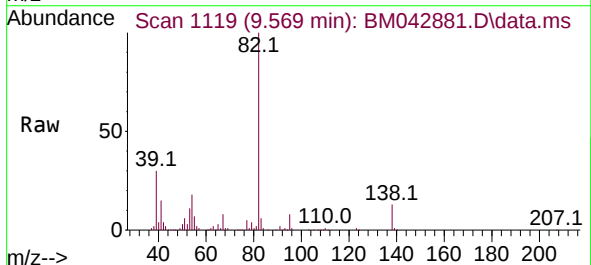
Instrument :
BNA_M
ClientSampleId :

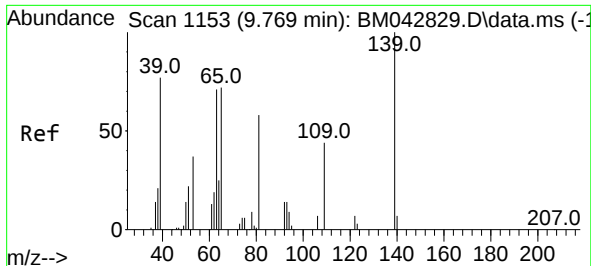
Tgt Ion: 77 Resp: 134691
Ion Ratio Lower Upper
77 100
123 32.3 28.4 42.6
65 15.2 12.4 18.6



#23
Isophorone
Concen: 41.901 ng/ul
RT: 9.569 min Scan# 1119
Delta R.T. -0.012 min
Lab File: BM042881.D
Acq: 18 Nov 2023 14:16

Tgt Ion: 82 Resp: 242123
Ion Ratio Lower Upper
82 100
95 7.6 6.4 9.6
138 13.5 12.1 18.1

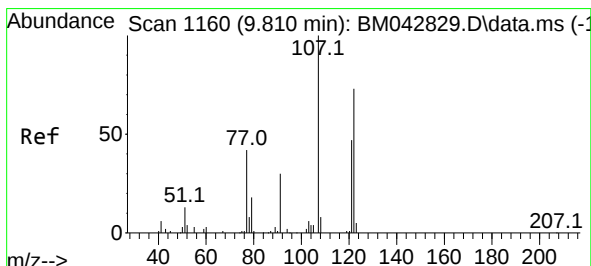
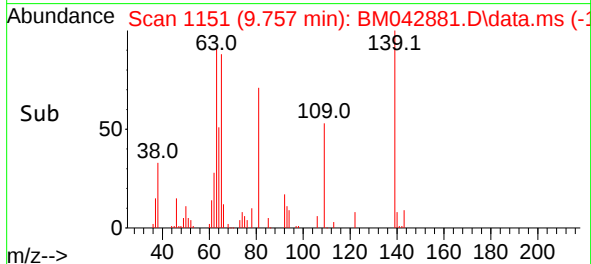
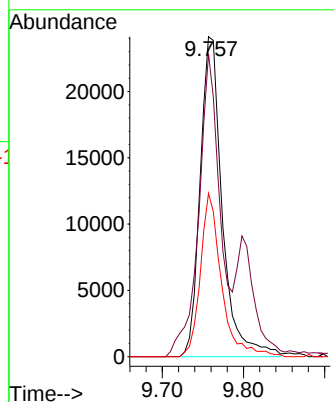
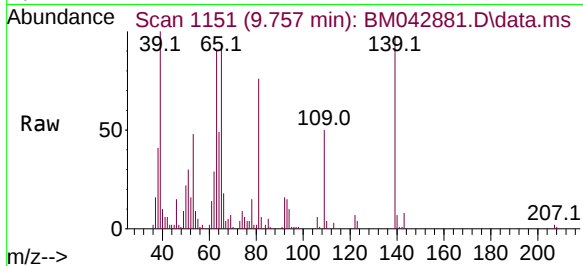




#25
2-Nitrophenol
Concen: 40.156 ng/ul
RT: 9.757 min Scan# 1151
Delta R.T. -0.018 min
Lab File: BM042881.D
Acq: 18 Nov 2023 14:16

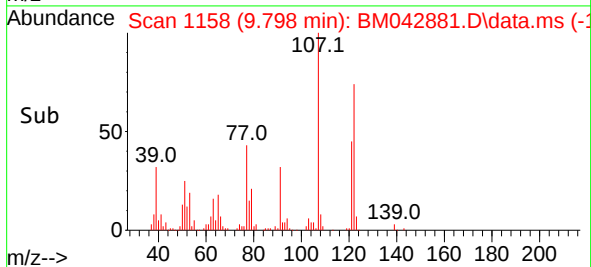
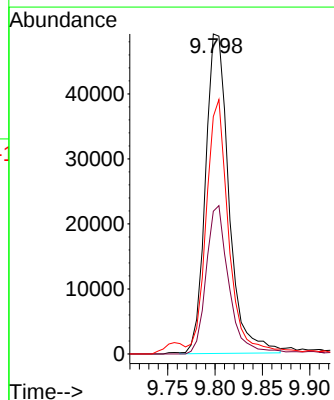
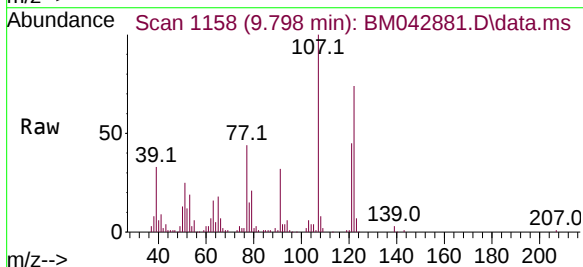
Instrument :
BNA_M
ClientSampleId :

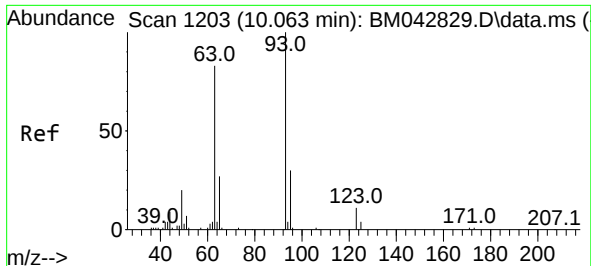
Tgt Ion:139 Resp: 45814
Ion Ratio Lower Upper
139 100
65 94.7 59.1 88.7#
109 51.0 33.9 50.9#



#26
2,4-Dimethylphenol
Concen: 34.868 ng/ul
RT: 9.798 min Scan# 1158
Delta R.T. -0.018 min
Lab File: BM042881.D
Acq: 18 Nov 2023 14:16

Tgt Ion:107 Resp: 85116
Ion Ratio Lower Upper
107 100
121 44.6 38.0 57.0
122 74.2 60.5 90.7





#27

Bis(2-Chloroethoxy)methane

Concen: 43.393 ng/ul

RT: 10.057 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM042881.D

Acq: 18 Nov 2023 14:16

Instrument :

BNA_M

ClientSampleId :

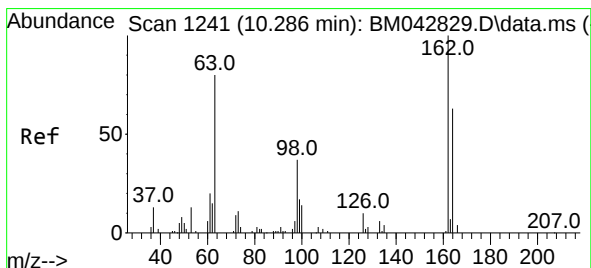
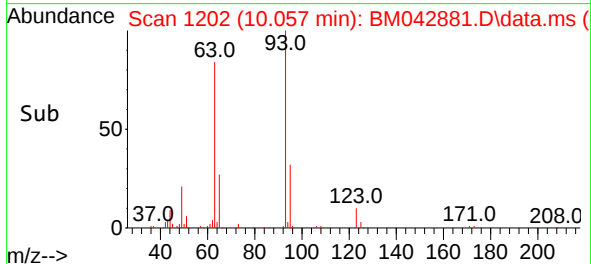
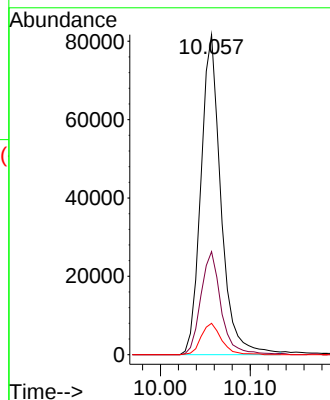
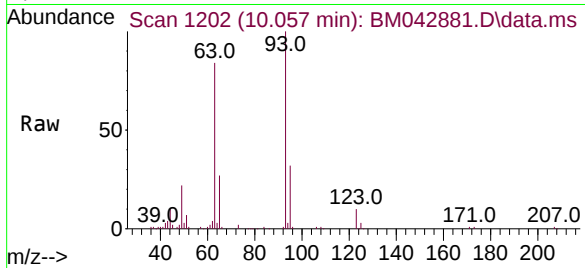
Tgt Ion: 93 Resp: 126706

Ion Ratio Lower Upper

93 100

95 32.2 26.5 39.7

123 9.8 8.2 12.2



#29

2,4-Dichlorophenol

Concen: 42.469 ng/ul

RT: 10.275 min Scan# 1239

Delta R.T. -0.018 min

Lab File: BM042881.D

Acq: 18 Nov 2023 14:16

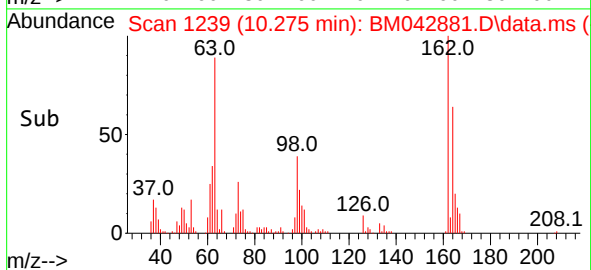
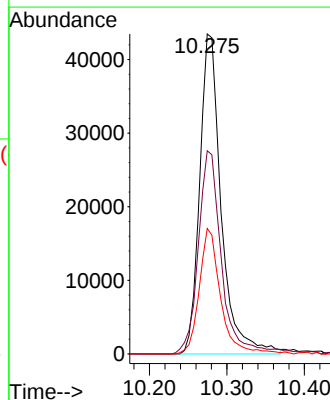
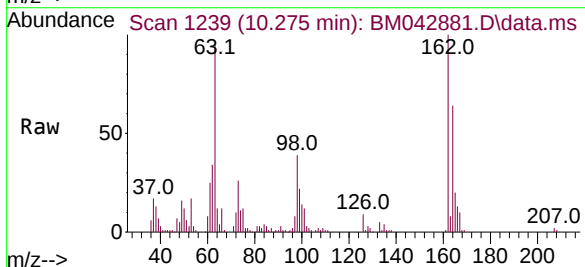
Tgt Ion:162 Resp: 83957

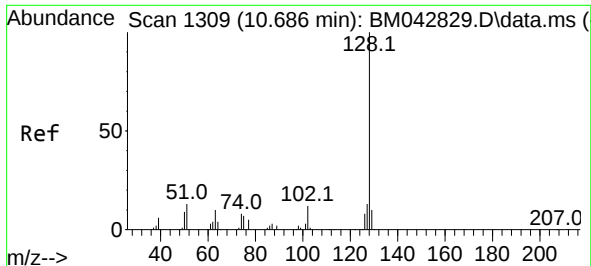
Ion Ratio Lower Upper

162 100

164 63.5 53.4 80.2

98 39.2 28.4 42.6

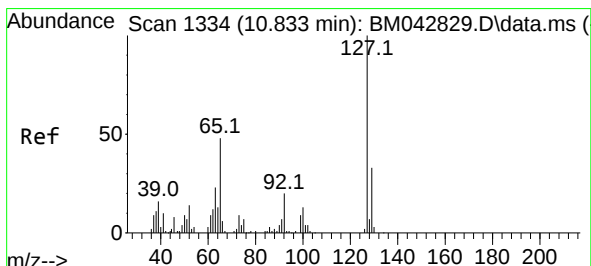
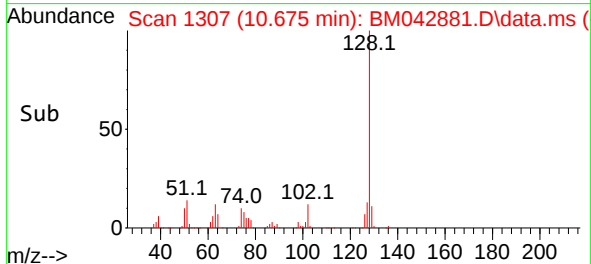
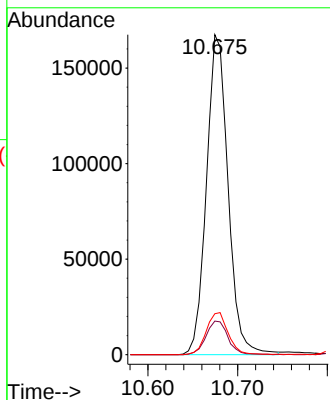
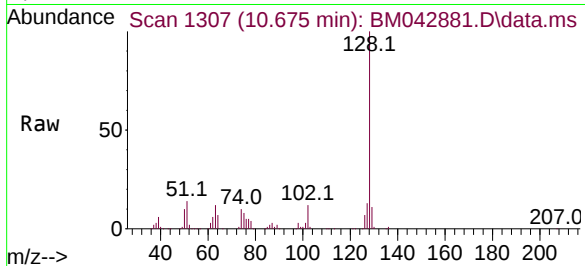




#30
Naphthalene
Concen: 40.911 ng/ul
RT: 10.675 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM042881.D
Acq: 18 Nov 2023 14:16

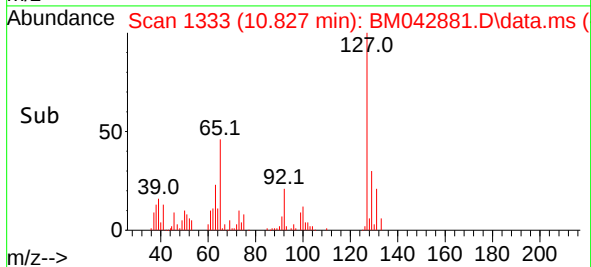
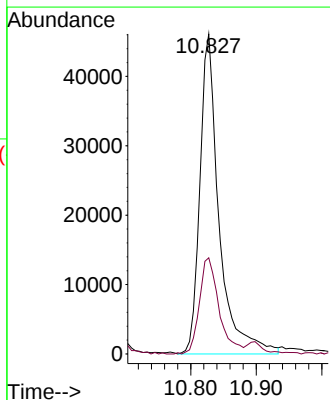
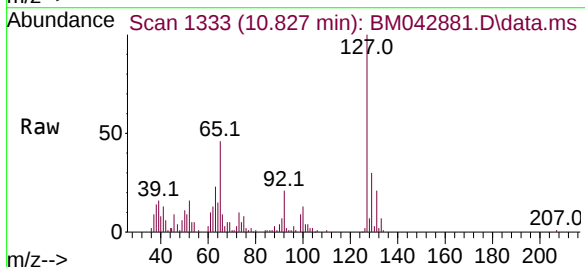
Instrument :
BNA_M
ClientSampleId :

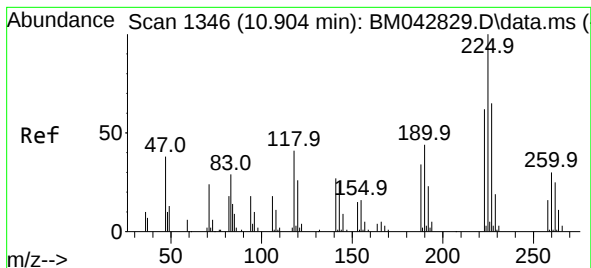
Tgt Ion:128 Resp: 280623
Ion Ratio Lower Upper
128 100
129 10.5 8.6 13.0
127 12.8 10.5 15.7



#32
4-Chloroaniline
Concen: 36.847 ng/ul
RT: 10.827 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BM042881.D
Acq: 18 Nov 2023 14:16

Tgt Ion:127 Resp: 93716
Ion Ratio Lower Upper
127 100
129 30.0 26.7 40.1





#33

Hexachlorobutadiene

Concen: 41.159 ng/ul

RT: 10.898 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM042881.D

Acq: 18 Nov 2023 14:16

Instrument :

BNA_M

ClientSampleId :

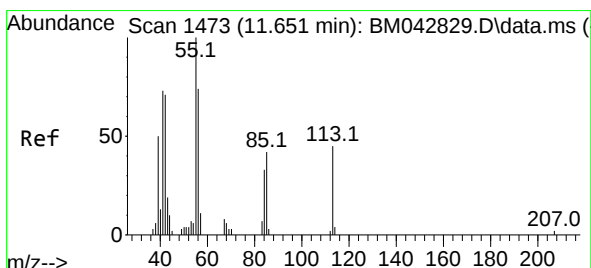
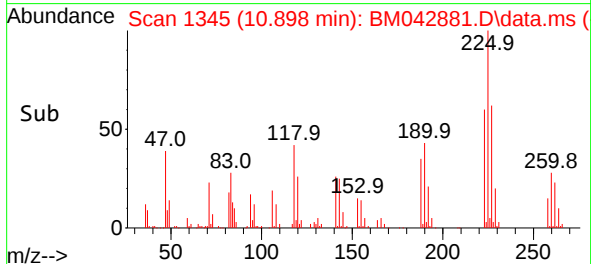
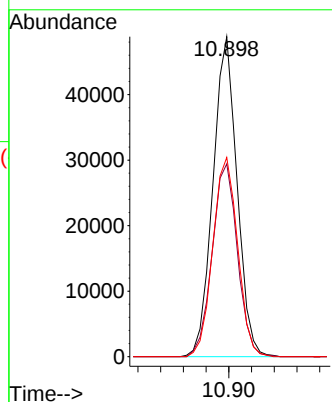
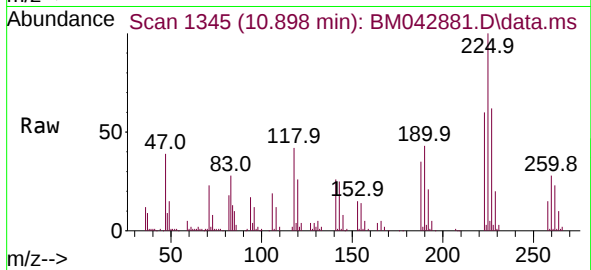
Tgt Ion:225 Resp: 71875

Ion Ratio Lower Upper

225 100

223 60.3 53.0 79.4

227 62.2 50.5 75.7



#34

Caprolactam

Concen: 31.181 ng/ul

RT: 11.651 min Scan# 1473

Delta R.T. -0.012 min

Lab File: BM042881.D

Acq: 18 Nov 2023 14:16

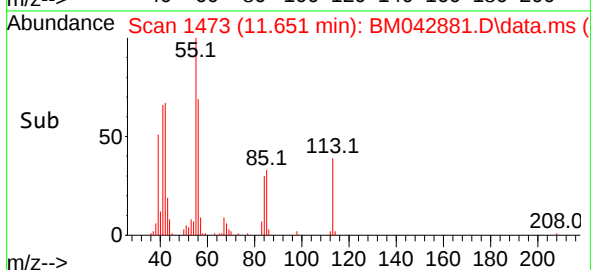
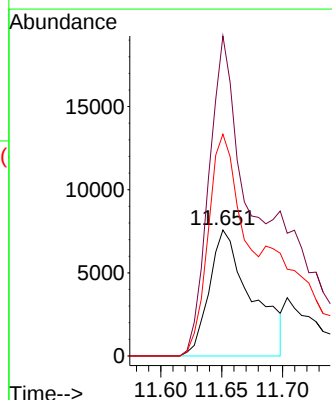
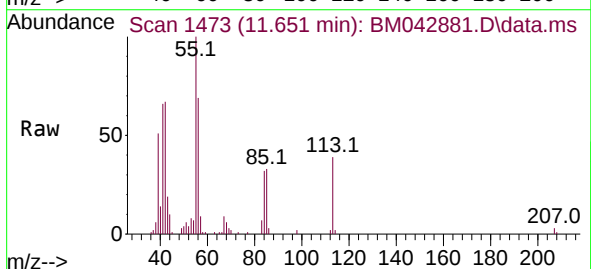
Tgt Ion:113 Resp: 18277

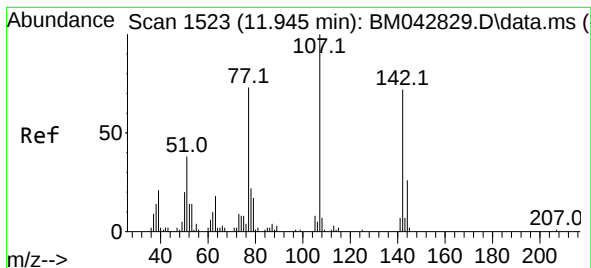
Ion Ratio Lower Upper

113 100

55 254.3 184.2 276.2

56 176.2 134.3 201.5

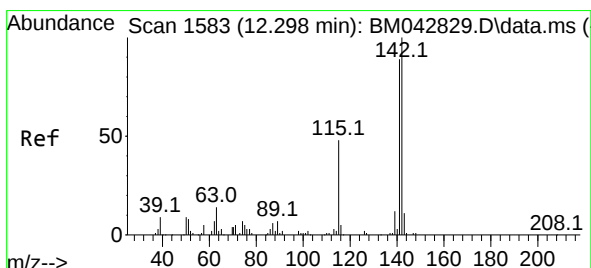
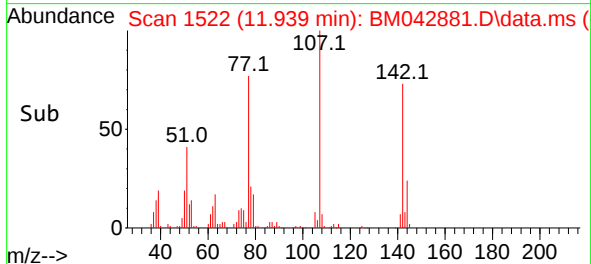
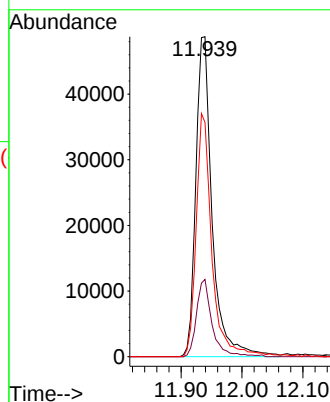
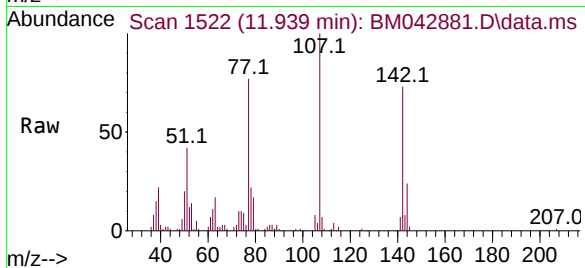




#35
4-Chloro-3-methylphenol
Concen: 43.040 ng/ul
RT: 11.939 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM042881.D
Acq: 18 Nov 2023 14:16

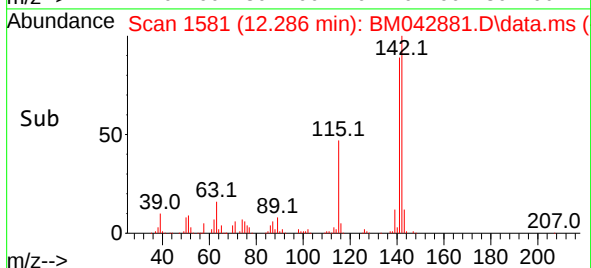
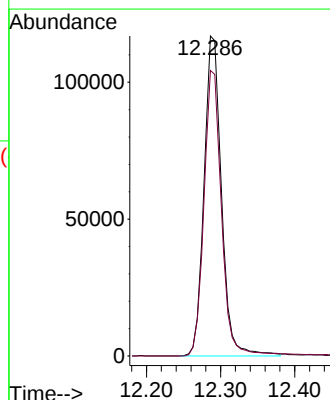
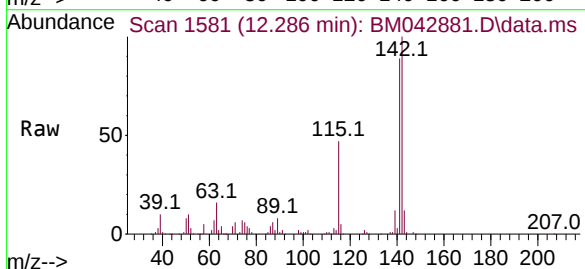
Instrument :
BNA_M
ClientSampleId :

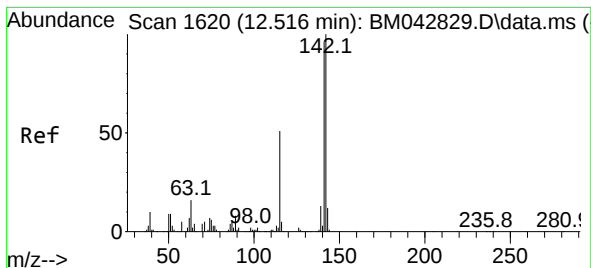
Tgt Ion:107 Resp: 91173
Ion Ratio Lower Upper
107 100
144 24.1 18.3 27.5
142 73.2 56.3 84.5



#36
2-Methylnaphthalene
Concen: 41.525 ng/ul
RT: 12.286 min Scan# 1581
Delta R.T. -0.018 min
Lab File: BM042881.D
Acq: 18 Nov 2023 14:16

Tgt Ion:142 Resp: 190898
Ion Ratio Lower Upper
142 100
141 89.2 73.6 110.4





#37

1-Methylnaphthalene

Concen: 38.978 ng/ul

RT: 12.510 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM042881.D

Acq: 18 Nov 2023 14:16

Instrument :

BNA_M

ClientSampleId :

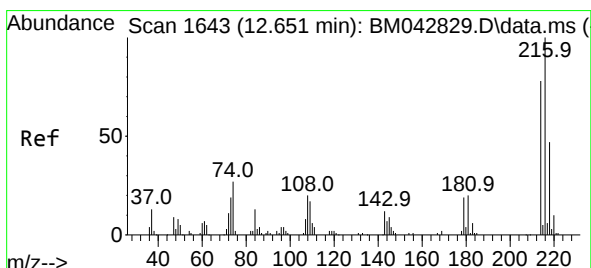
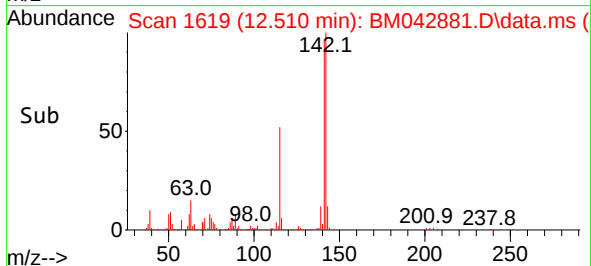
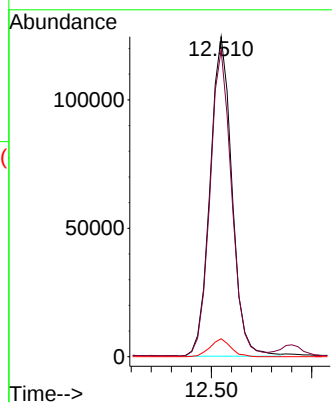
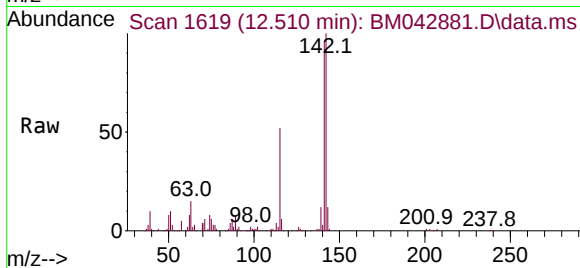
Tgt Ion:142 Resp: 188399

Ion Ratio Lower Upper

142 100

141 95.9 73.3 109.9

116 5.6 3.9 5.9



#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.899 ng/ul

RT: 12.639 min Scan# 1641

Delta R.T. -0.018 min

Lab File: BM042881.D

Acq: 18 Nov 2023 14:16

Tgt Ion:216 Resp: 120294

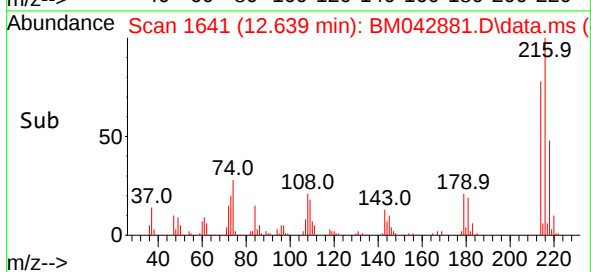
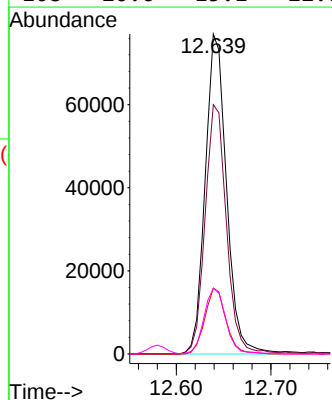
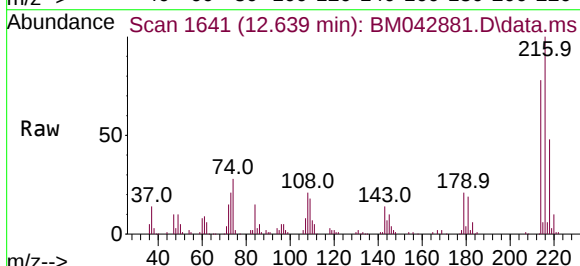
Ion Ratio Lower Upper

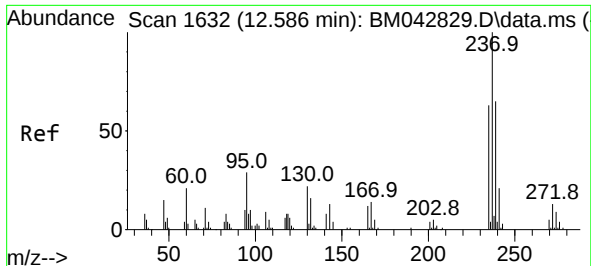
216 100

214 77.9 64.1 96.1

179 20.6 15.5 23.3

108 20.6 15.1 22.7

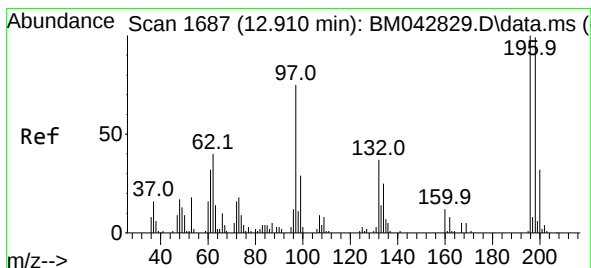
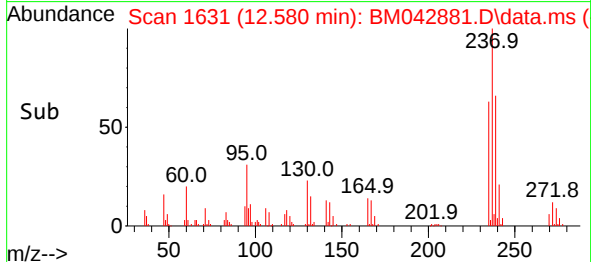
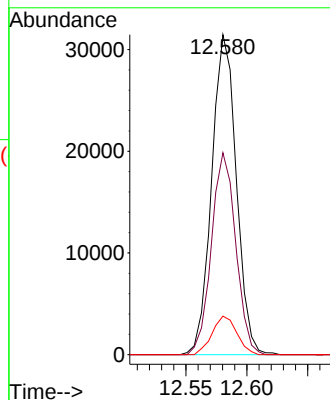
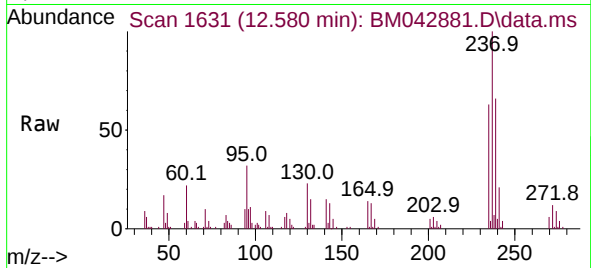




#40
 Hexachlorocyclopentadiene
 Concen: 34.157 ng/ul
 RT: 12.580 min Scan# 1
 Delta R.T. -0.018 min
 Lab File: BM042881.D
 Acq: 18 Nov 2023 14:16

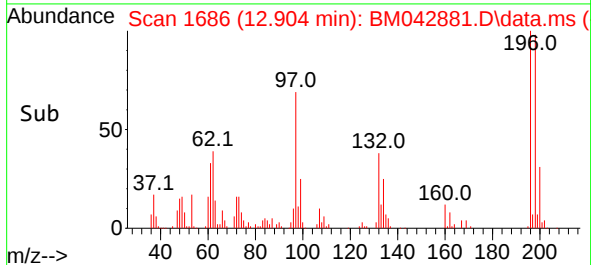
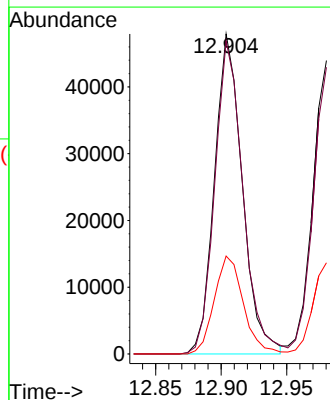
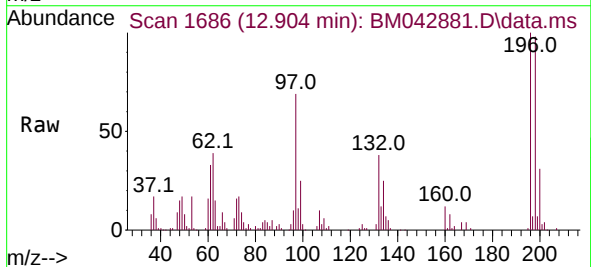
Instrument :
 BNA_M
 ClientSampleId :

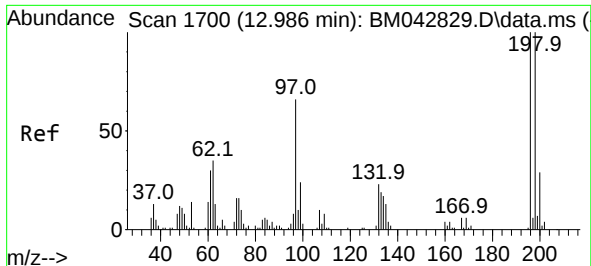
Tgt Ion:237 Resp: 44312
 Ion Ratio Lower Upper
 237 100
 235 63.1 53.3 79.9
 272 12.1 10.7 16.1



#41
 2,4,6-Trichlorophenol
 Concen: 42.291 ng/ul
 RT: 12.904 min Scan# 1686
 Delta R.T. -0.018 min
 Lab File: BM042881.D
 Acq: 18 Nov 2023 14:16

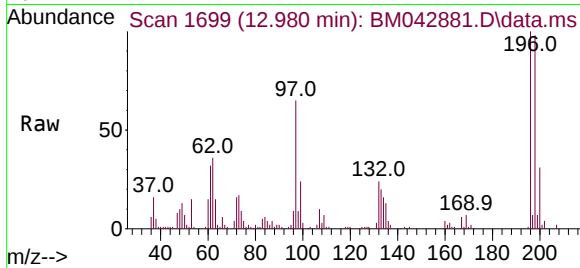
Tgt Ion:196 Resp: 70787
 Ion Ratio Lower Upper
 196 100
 198 97.8 81.0 121.4
 200 30.6 24.1 36.1



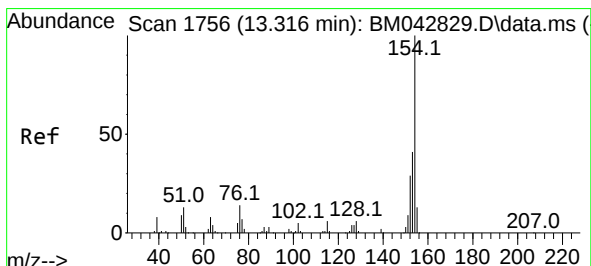
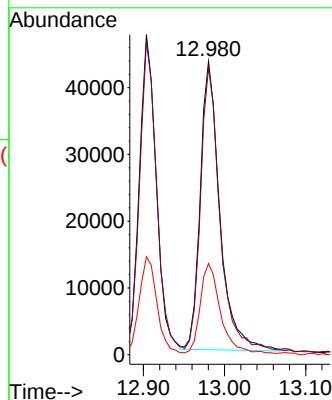
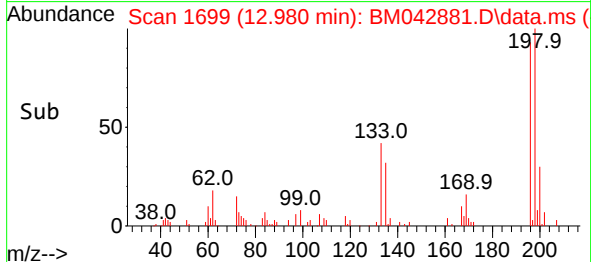


#42
2,4,5-Trichlorophenol
Concen: 44.877 ng/ul
RT: 12.980 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM042881.D
Acq: 18 Nov 2023 14:16

Instrument :
BNA_M
ClientSampleId :

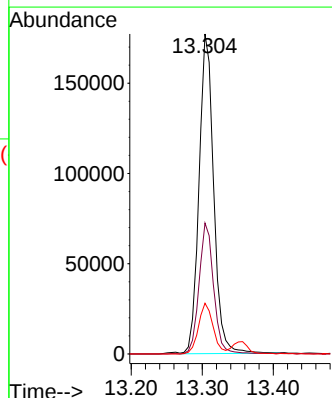
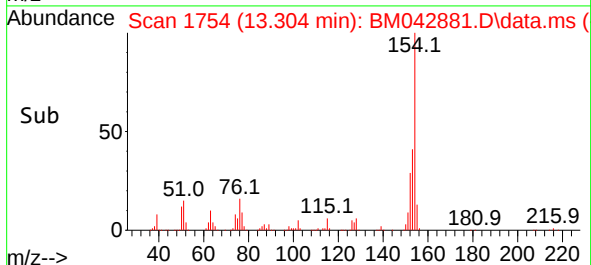
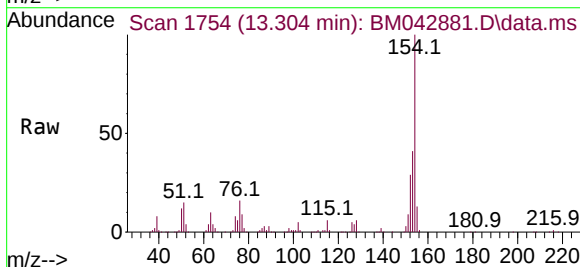


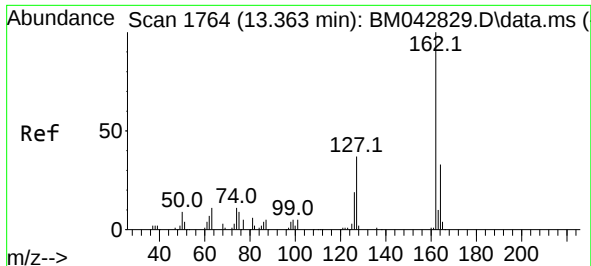
Tgt Ion:196 Resp: 72532
Ion Ratio Lower Upper
196 100
198 97.7 77.4 116.0
200 31.1 26.2 39.4



#43
1,1'-Biphenyl
Concen: 43.697 ng/ul
RT: 13.304 min Scan# 1754
Delta R.T. -0.018 min
Lab File: BM042881.D
Acq: 18 Nov 2023 14:16

Tgt Ion:154 Resp: 254621
Ion Ratio Lower Upper
154 100
153 40.9 32.4 48.6
76 15.9 10.7 16.1

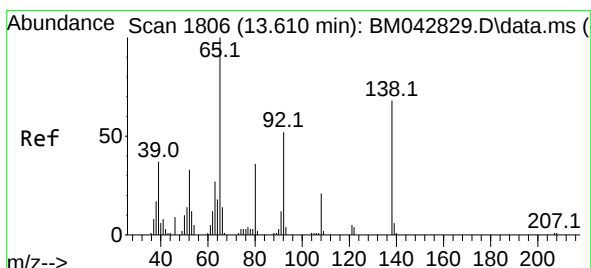
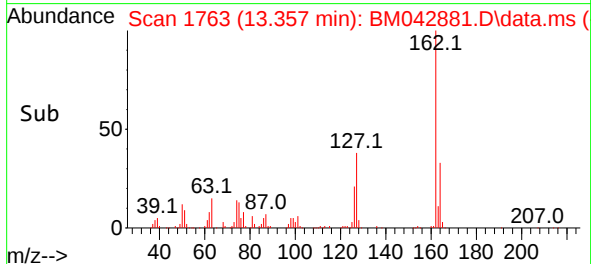
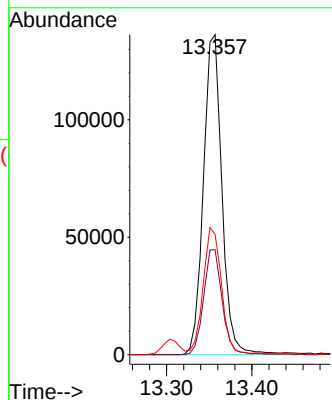
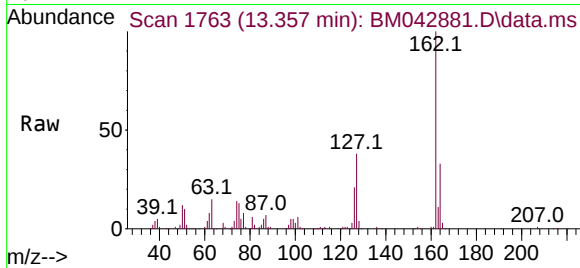




#44
2-Chloronaphthalene
Concen: 43.870 ng/ul
RT: 13.357 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM042881.D
Acq: 18 Nov 2023 14:16

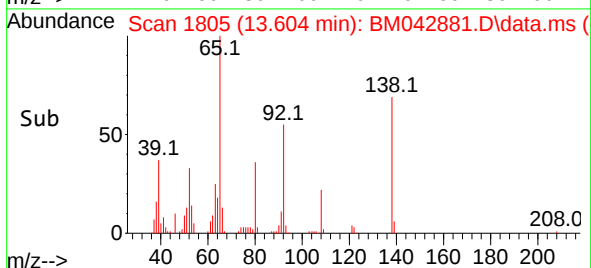
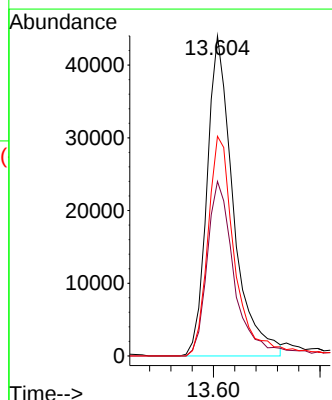
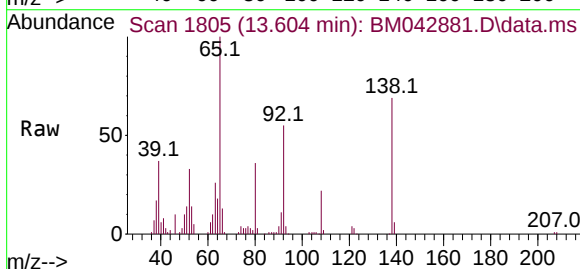
Instrument :
BNA_M
ClientSampleId :

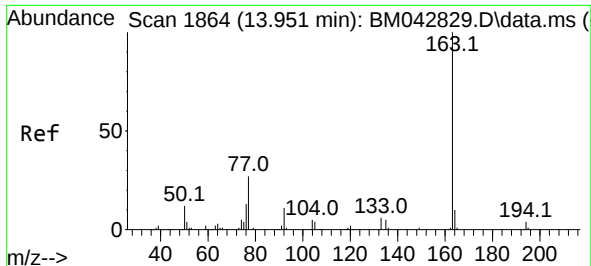
Tgt Ion:162 Resp: 205648
Ion Ratio Lower Upper
162 100
164 32.8 24.2 36.2
127 37.7 30.8 46.2



#45
2-Nitroaniline
Concen: 49.228 ng/ul
RT: 13.604 min Scan# 1805
Delta R.T. -0.012 min
Lab File: BM042881.D
Acq: 18 Nov 2023 14:16

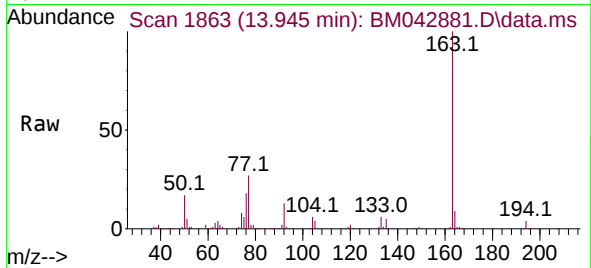
Tgt Ion: 65 Resp: 75259
Ion Ratio Lower Upper
65 100
92 54.6 49.1 73.7
138 68.7 61.8 92.8



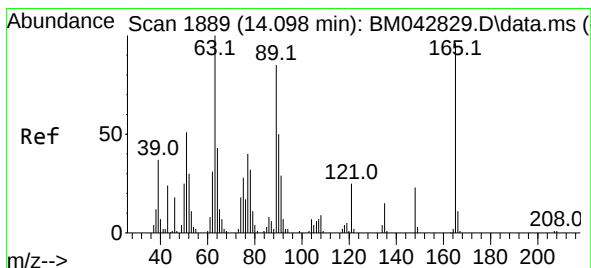
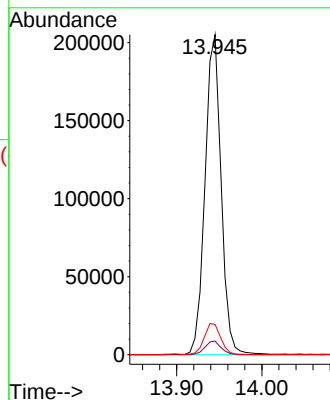
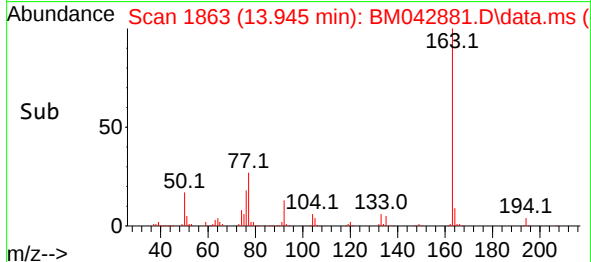


#47
Dimethylphthalate
Concen: 41.817 ng/ul
RT: 13.945 min Scan# 1863
Delta R.T. -0.012 min
Lab File: BM042881.D
Acq: 18 Nov 2023 14:16

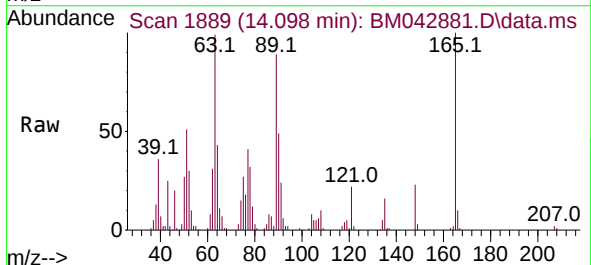
Instrument :
BNA_M
ClientSampleId :



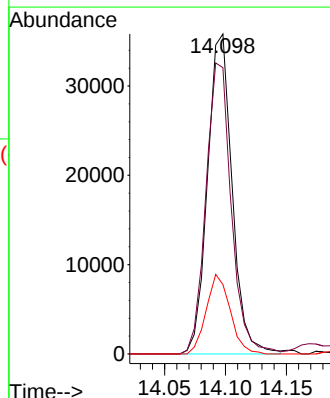
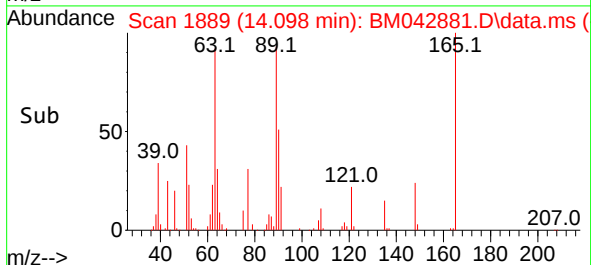
Tgt Ion:163 Resp: 269337
Ion Ratio Lower Upper
163 100
194 4.3 3.2 4.8
164 9.4 7.9 11.9

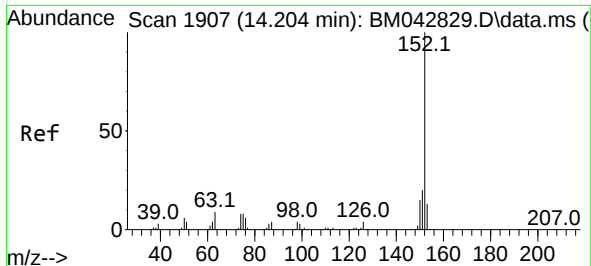


#48
2,6-Dinitrotoluene
Concen: 41.686 ng/ul
RT: 14.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: BM042881.D
Acq: 18 Nov 2023 14:16



Tgt Ion:165 Resp: 50442
Ion Ratio Lower Upper
165 100
89 89.5 64.1 96.1
121 21.7 18.4 27.6

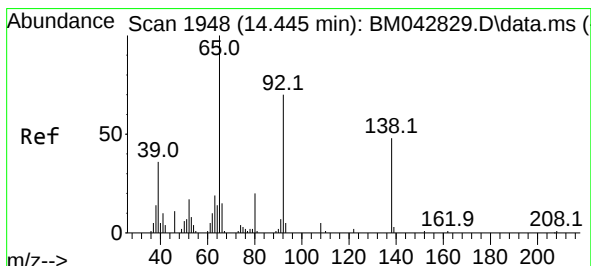
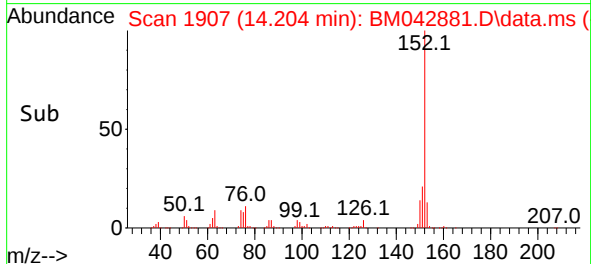
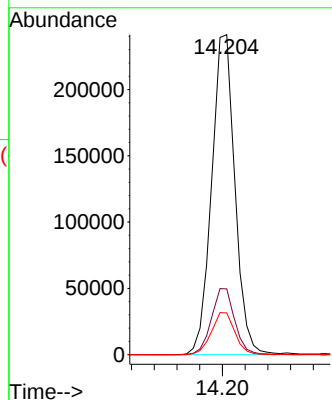
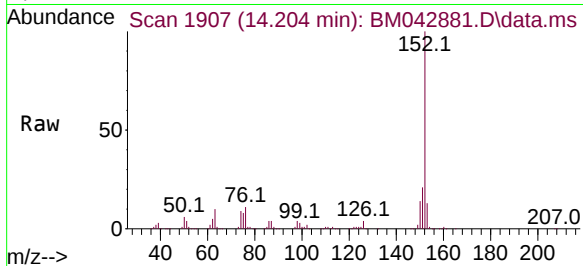




#50
Acenaphthylene
Concen: 43.366 ng/ul
RT: 14.204 min Scan# 1907
Delta R.T. -0.012 min
Lab File: BM042881.D
Acq: 18 Nov 2023 14:16

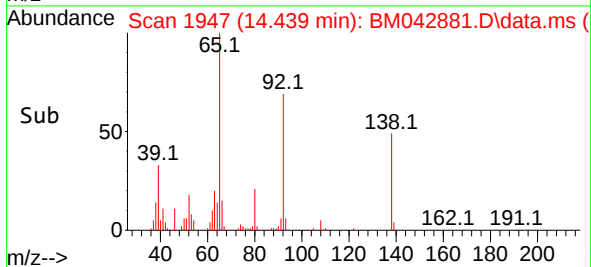
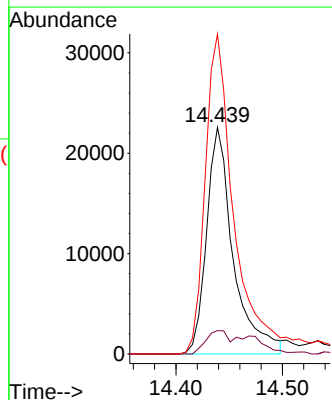
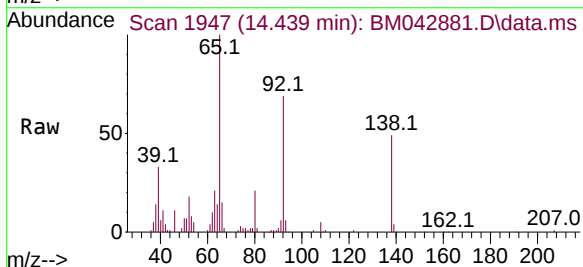
Instrument :
BNA_M
ClientSampleId :

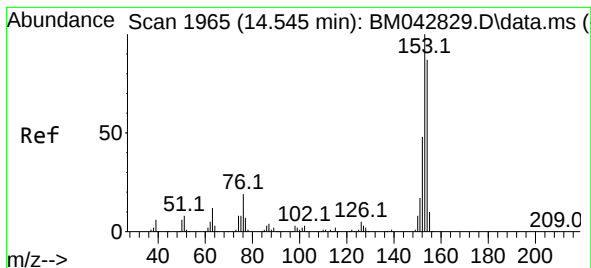
Tgt Ion:152 Resp: 343809
Ion Ratio Lower Upper
152 100
151 20.6 16.0 24.0
153 13.0 10.5 15.7



#51
3-Nitroaniline
Concen: 39.790 ng/ul
RT: 14.439 min Scan# 1947
Delta R.T. -0.012 min
Lab File: BM042881.D
Acq: 18 Nov 2023 14:16

Tgt Ion:138 Resp: 39371
Ion Ratio Lower Upper
138 100
108 10.3 8.7 13.1
92 141.2 109.4 164.0





#52

Acenaphthene

Concen: 43.581 ng/ul

RT: 14.539 min Scan# 1964

Delta R.T. -0.012 min

Lab File: BM042881.D

Acq: 18 Nov 2023 14:16

Instrument :

BNA_M

ClientSampleId :

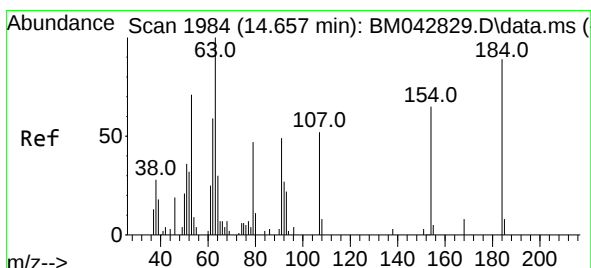
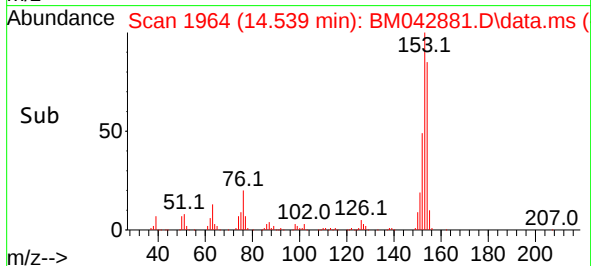
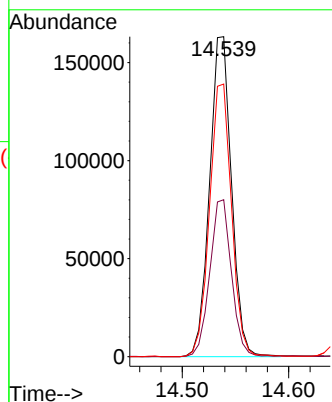
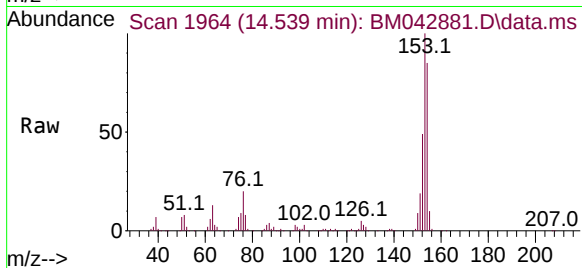
Tgt Ion:153 Resp: 233673

Ion Ratio Lower Upper

153 100

152 49.0 38.2 57.2

154 85.2 71.3 106.9



#53

2,4-Dinitrophenol

Concen: 36.775 ng/ul

RT: 14.645 min Scan# 1982

Delta R.T. -0.018 min

Lab File: BM042881.D

Acq: 18 Nov 2023 14:16

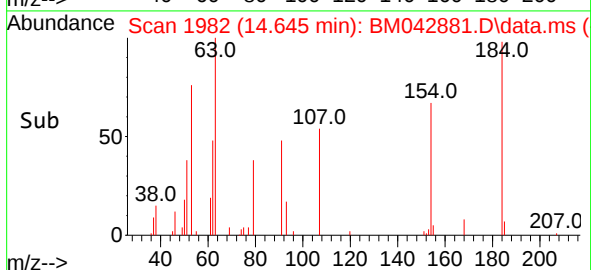
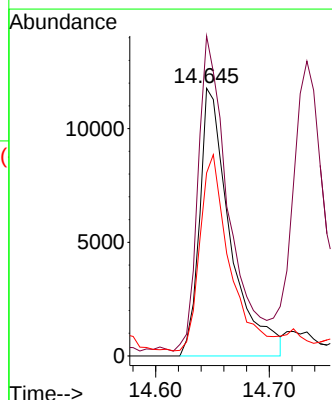
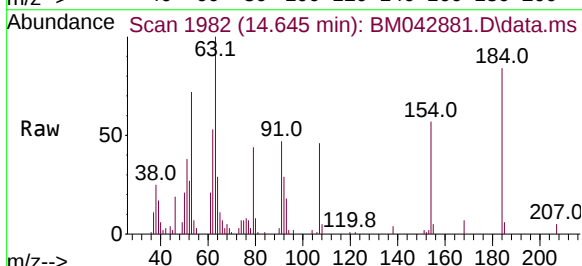
Tgt Ion:184 Resp: 22126

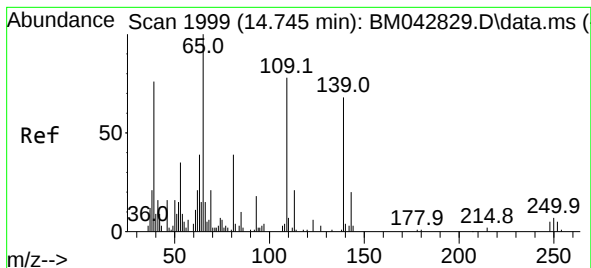
Ion Ratio Lower Upper

184 100

63 119.5 79.1 118.7#

154 68.3 65.7 98.5

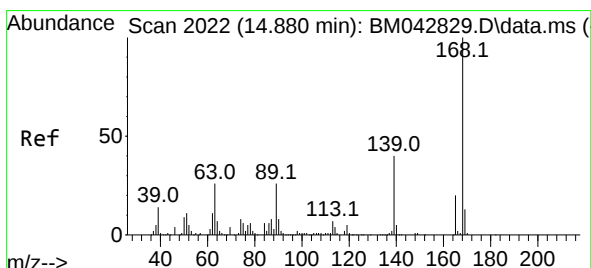
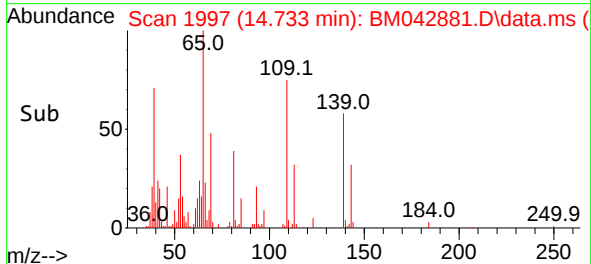
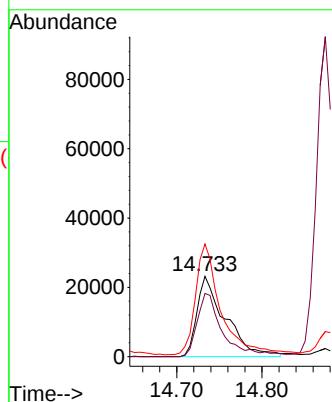
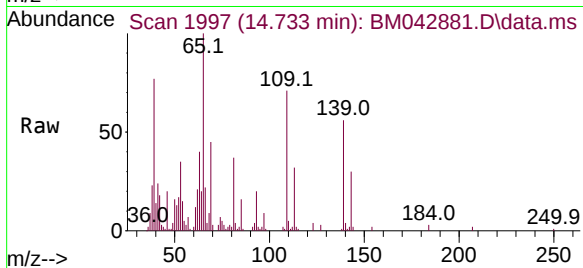




#55
4-Nitrophenol
Concen: 45.568 ng/ul
RT: 14.733 min Scan# 1997
Delta R.T. -0.018 min
Lab File: BM042881.D
Acq: 18 Nov 2023 14:16

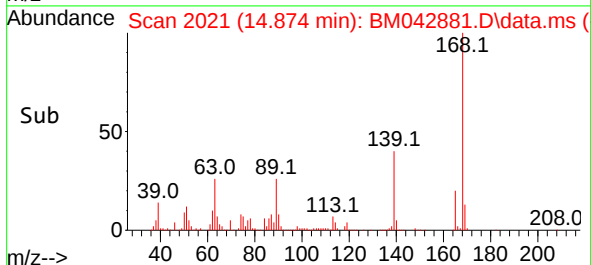
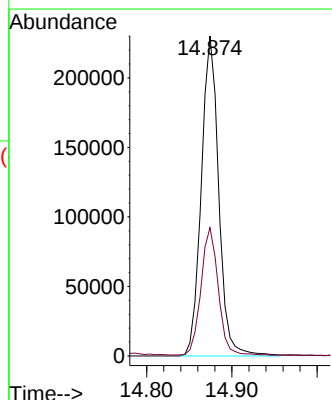
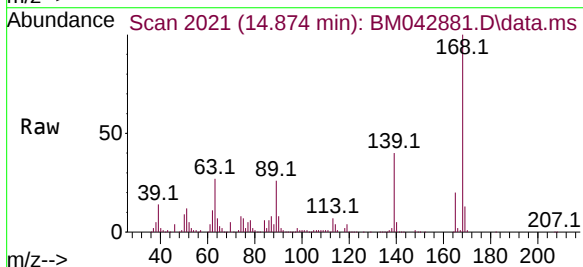
Instrument :
BNA_M
ClientSampleId :

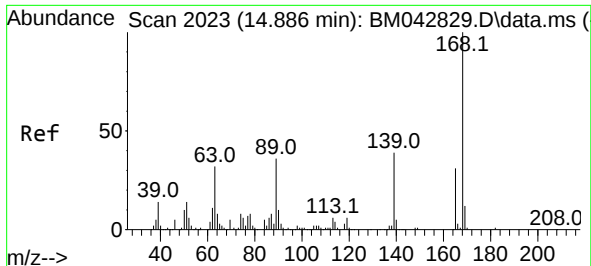
Tgt Ion:109 Resp: 53573
Ion Ratio Lower Upper
109 100
139 78.7 67.1 100.7
65 140.1 107.1 160.7



#56
Dibenzofuran
Concen: 43.941 ng/ul
RT: 14.874 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BM042881.D
Acq: 18 Nov 2023 14:16

Tgt Ion:168 Resp: 327006
Ion Ratio Lower Upper
168 100
139 40.1 30.8 46.2





#57

2,4-Dinitrotoluene

Concen: 45.069 ng/ul

RT: 14.880 min Scan# 20

Delta R.T. -0.012 min

Lab File: BM042881.D

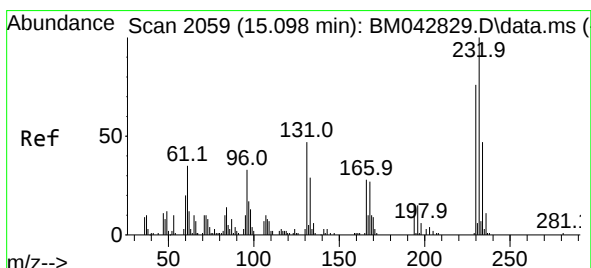
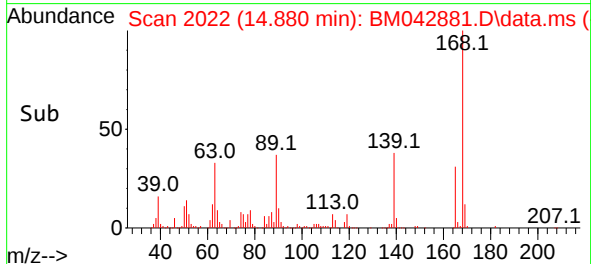
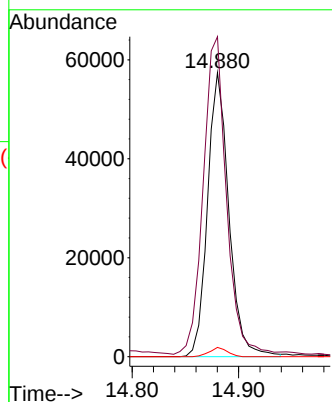
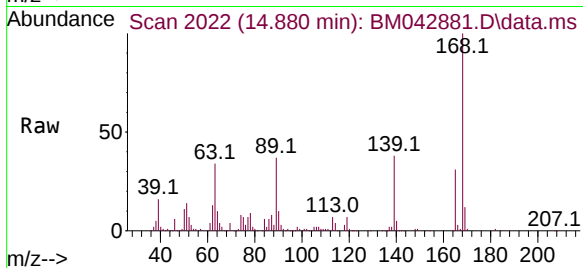
Acq: 18 Nov 2023 14:16

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:165	Resp:	80063
Ion Ratio	Lower	Upper
165	100	
63	112.7	83.5 125.3
182	3.3	2.4 3.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.996 ng/ul

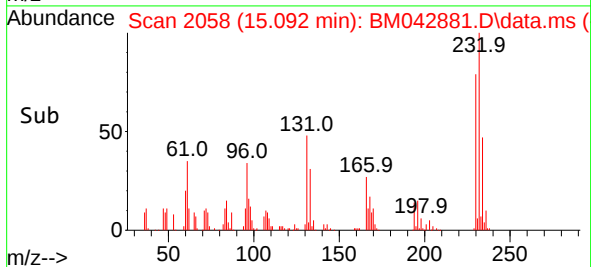
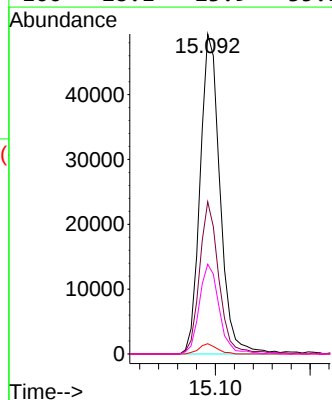
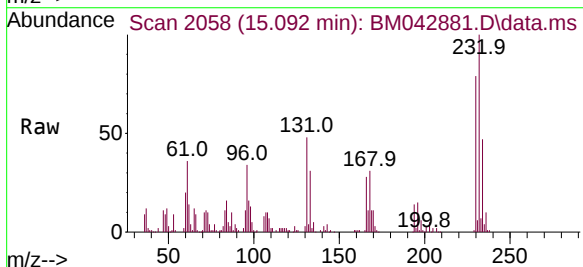
RT: 15.092 min Scan# 2058

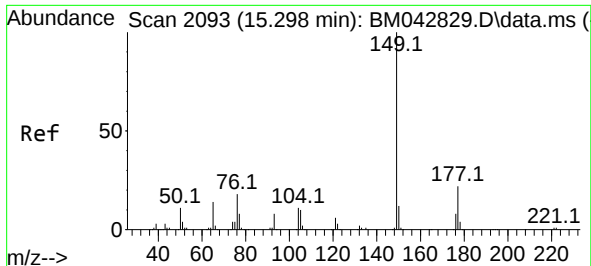
Delta R.T. -0.012 min

Lab File: BM042881.D

Acq: 18 Nov 2023 14:16

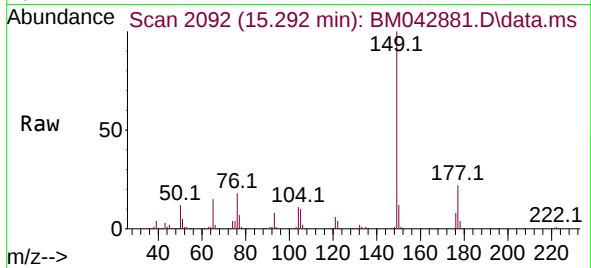
Tgt Ion:232	Resp:	72135
Ion Ratio	Lower	Upper
232	100	
131	47.5	38.9 58.3
130	3.2	1.9 2.9#
166	28.1	23.9 35.9



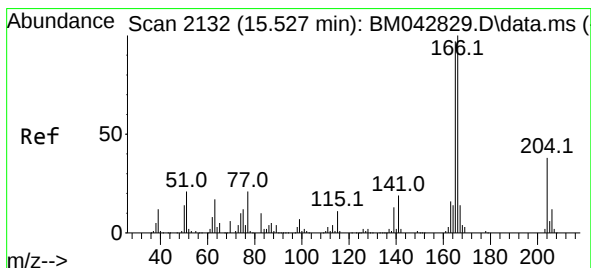
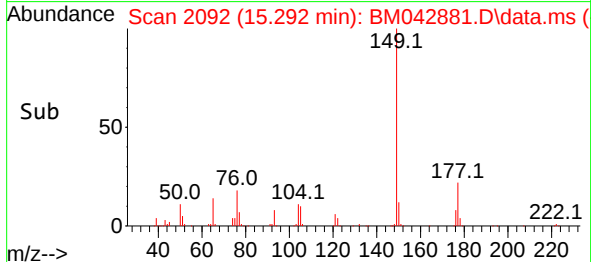
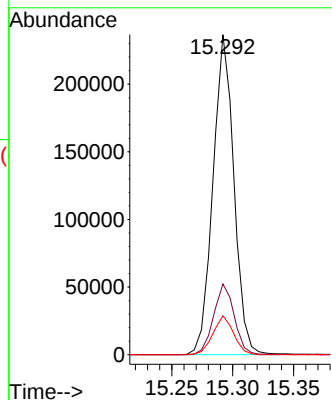


#59
Diethylphthalate
Concen: 41.977 ng/ul
RT: 15.292 min Scan# 2092
Delta R.T. -0.012 min
Lab File: BM042881.D
Acq: 18 Nov 2023 14:16

Instrument :
BNA_M
ClientSampleId :

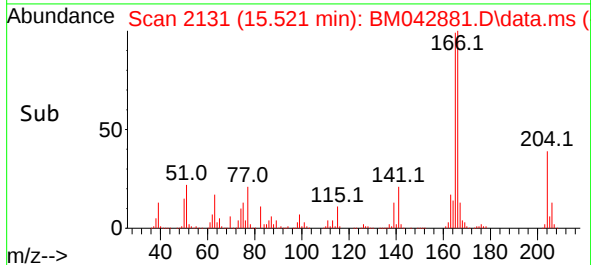
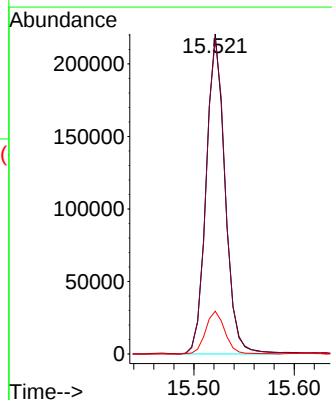
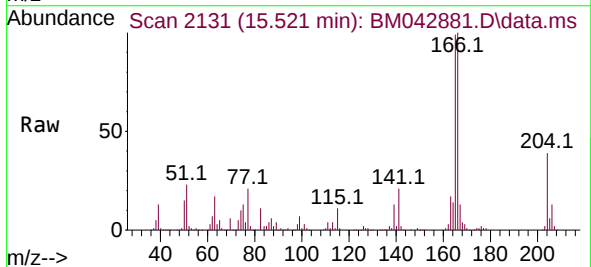


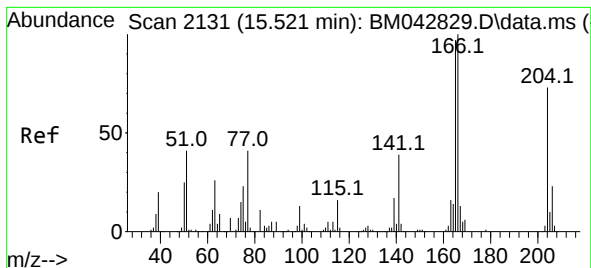
Tgt Ion:149 Resp: 283509
Ion Ratio Lower Upper
149 100
177 22.1 17.0 25.6
150 12.1 9.7 14.5



#61
Fluorene
Concen: 45.700 ng/ul
RT: 15.521 min Scan# 2131
Delta R.T. -0.012 min
Lab File: BM042881.D
Acq: 18 Nov 2023 14:16

Tgt Ion:166 Resp: 288748
Ion Ratio Lower Upper
166 100
165 98.6 79.3 118.9
167 13.4 10.6 15.8

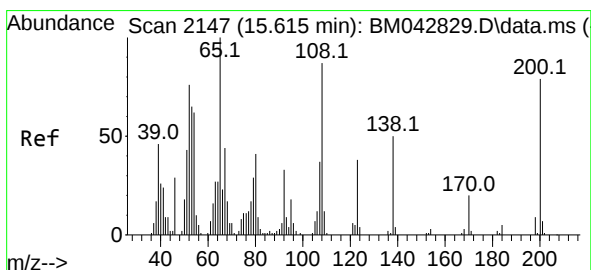
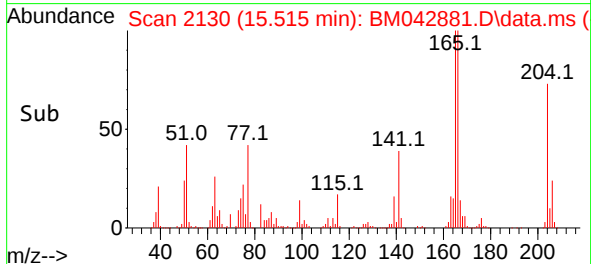
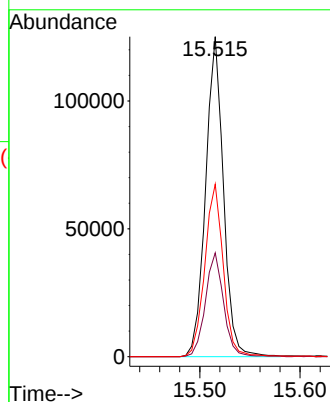
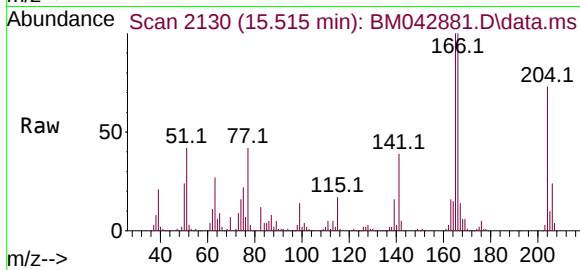




#62
4-Chlorophenyl-phenylether
Concen: 45.498 ng/ul
RT: 15.515 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BM042881.D
Acq: 18 Nov 2023 14:16

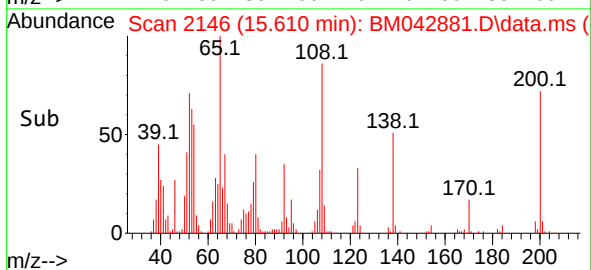
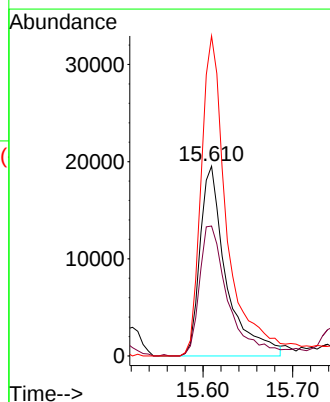
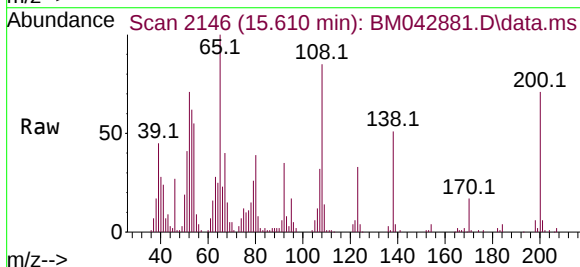
Instrument :
BNA_M
ClientSampleId :

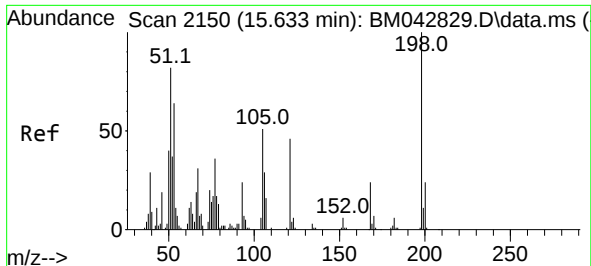
Tgt Ion:204 Resp: 154925
Ion Ratio Lower Upper
204 100
206 32.4 27.0 40.4
141 53.9 46.0 69.0



#63
4-Nitroaniline
Concen: 44.233 ng/ul
RT: 15.610 min Scan# 2146
Delta R.T. -0.012 min
Lab File: BM042881.D
Acq: 18 Nov 2023 14:16

Tgt Ion:138 Resp: 39902
Ion Ratio Lower Upper
138 100
92 68.5 47.4 71.0
108 168.6 129.5 194.3

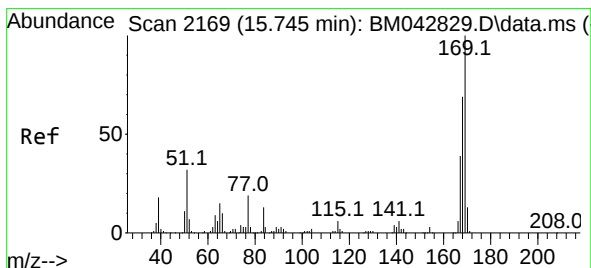
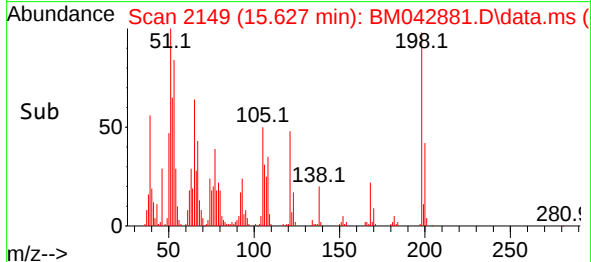
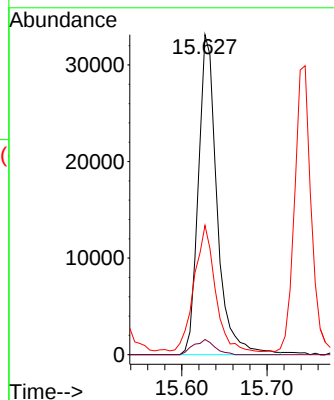
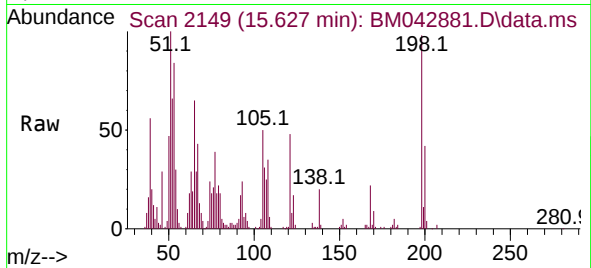




#66
4,6-Dinitro-2-methylphenol
Concen: 42.149 ng/ul
RT: 15.627 min Scan# 2150
Delta R.T. -0.012 min
Lab File: BM042881.D
Acq: 18 Nov 2023 14:16

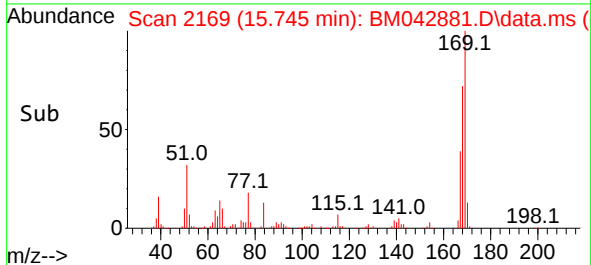
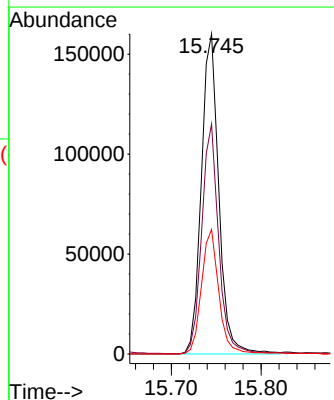
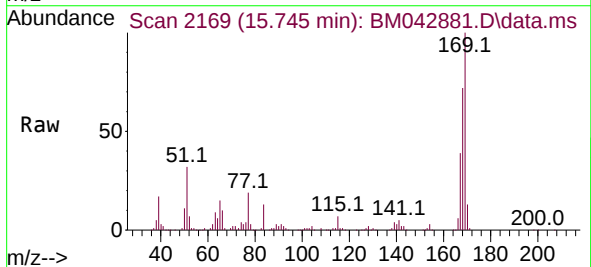
Instrument :
BNA_M
ClientSampleId :

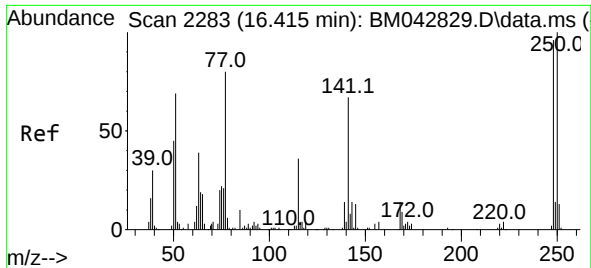
Tgt Ion:198 Resp: 50466
Ion Ratio Lower Upper
198 100
182 4.8 3.4 5.0
77 40.4 26.9 40.3#



#67
N-Nitrosodiphenylamine
Concen: 44.529 ng/ul
RT: 15.745 min Scan# 2169
Delta R.T. -0.012 min
Lab File: BM042881.D
Acq: 18 Nov 2023 14:16

Tgt Ion:169 Resp: 216840
Ion Ratio Lower Upper
169 100
168 71.9 55.8 83.6
167 38.9 31.4 47.2

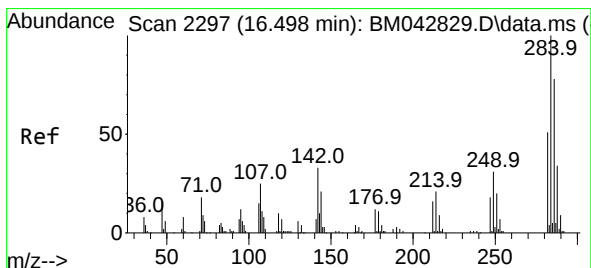
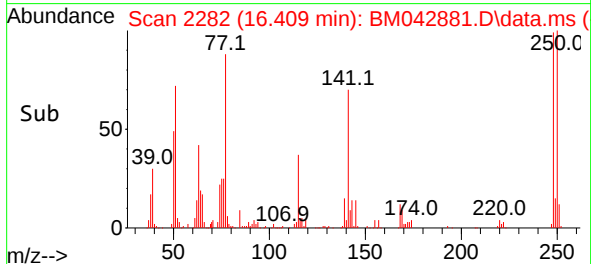
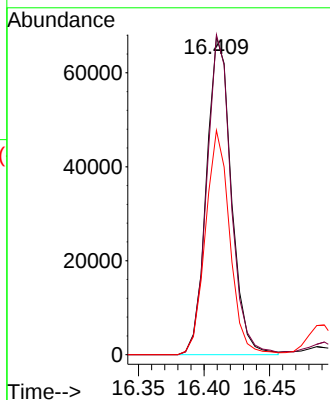
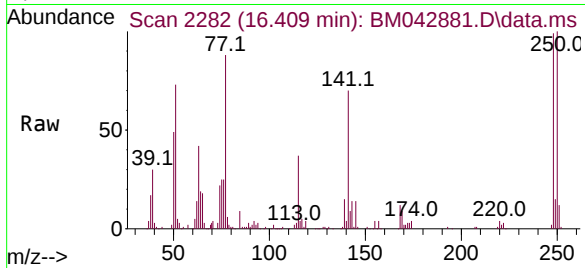




#68
4-Bromophenyl-phenylether
Concen: 43.093 ng/ul
RT: 16.409 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM042881.D
Acq: 18 Nov 2023 14:16

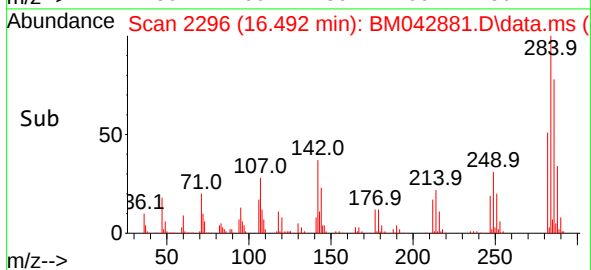
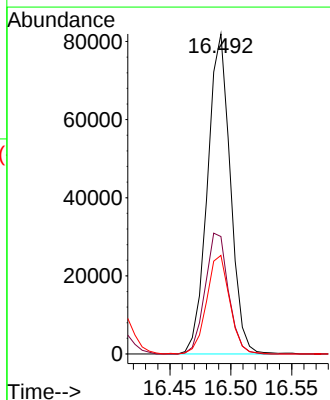
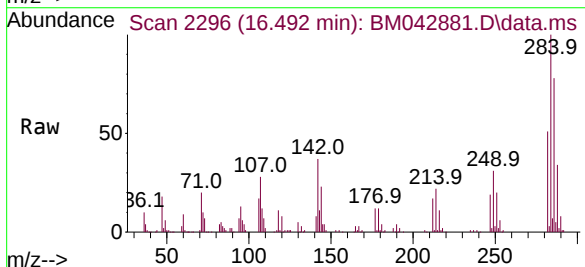
Instrument :
BNA_M
ClientSampleId :

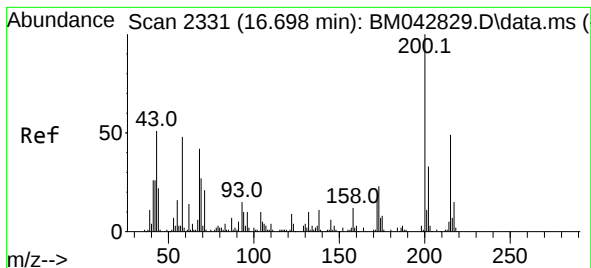
Tgt Ion:248 Resp: 89058
Ion Ratio Lower Upper
248 100
250 100.7 84.3 126.5
141 70.6 60.1 90.1



#69
Hexachlorobenzene
Concen: 42.297 ng/ul
RT: 16.492 min Scan# 2296
Delta R.T. -0.012 min
Lab File: BM042881.D
Acq: 18 Nov 2023 14:16

Tgt Ion:284 Resp: 106861
Ion Ratio Lower Upper
284 100
142 36.7 30.5 45.7
249 30.8 25.3 37.9





#70

Atrazine

Concen: 42.385 ng/ul

RT: 16.692 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM042881.D

Acq: 18 Nov 2023 14:16

Instrument :

BNA_M

ClientSampleId :

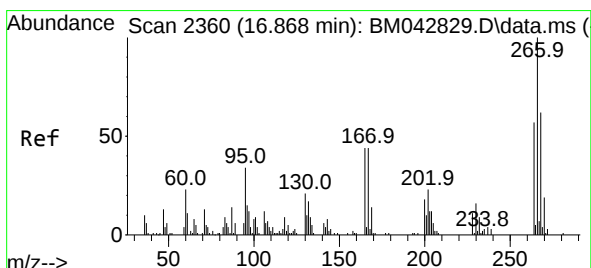
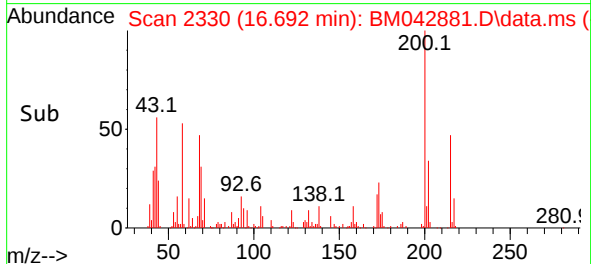
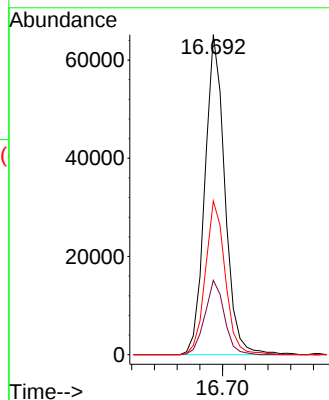
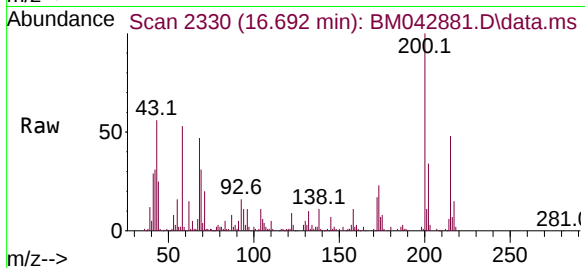
Tgt Ion:200 Resp: 79502

Ion Ratio Lower Upper

200 100

173 23.3 19.8 29.6

215 48.0 38.2 57.2



#71

Pentachlorophenol

Concen: 39.817 ng/ul

RT: 16.862 min Scan# 2359

Delta R.T. -0.012 min

Lab File: BM042881.D

Acq: 18 Nov 2023 14:16

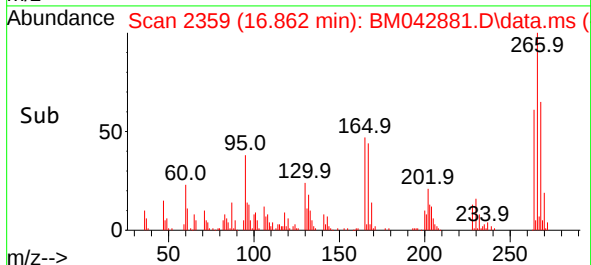
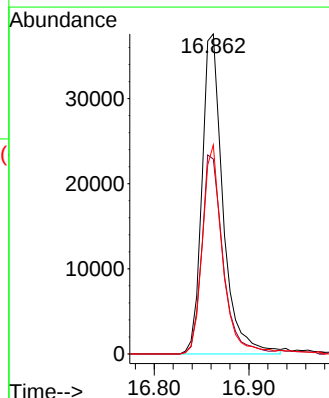
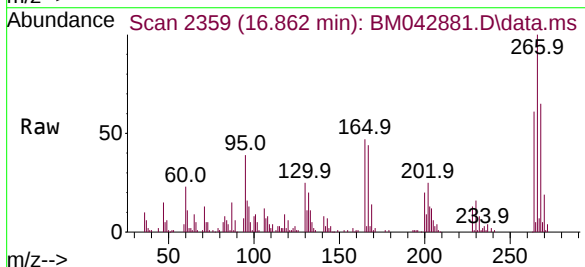
Tgt Ion:266 Resp: 57928

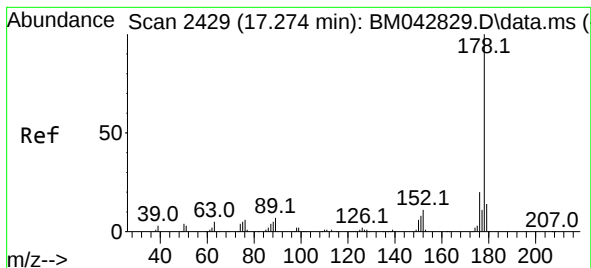
Ion Ratio Lower Upper

266 100

264 60.9 50.3 75.5

268 65.3 52.1 78.1





#72

Phenanthrene

Concen: 44.837 ng/uI

RT: 17.268 min Scan# 2428

Delta R.T. -0.012 min

Lab File: BM042881.D

Acq: 18 Nov 2023 14:16

Instrument :

BNA_M

ClientSampleId :

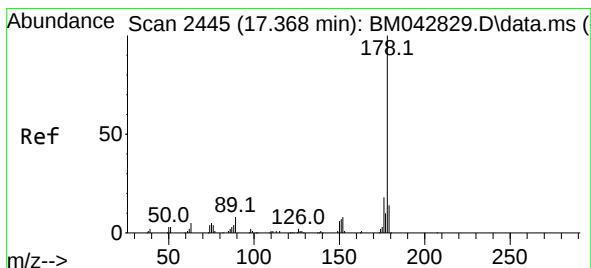
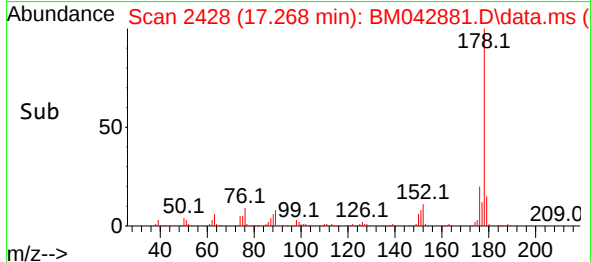
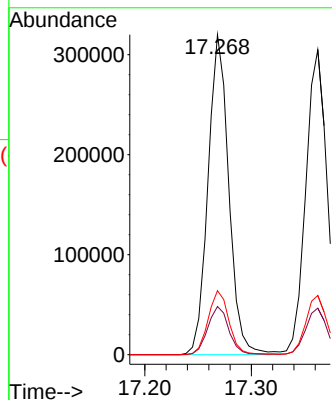
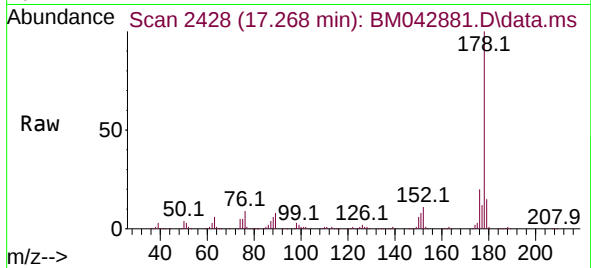
Tgt Ion:178 Resp: 434896

Ion Ratio Lower Upper

178 100

179 15.0 11.4 17.2

176 20.0 15.5 23.3



#74

Anthracene

Concen: 44.759 ng/uI

RT: 17.362 min Scan# 2444

Delta R.T. -0.012 min

Lab File: BM042881.D

Acq: 18 Nov 2023 14:16

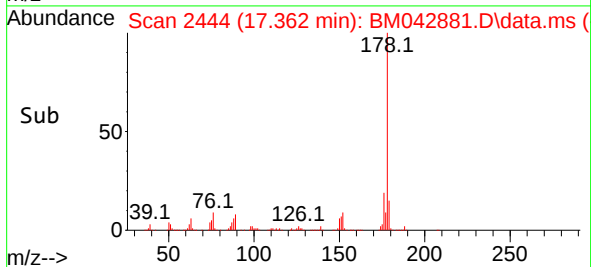
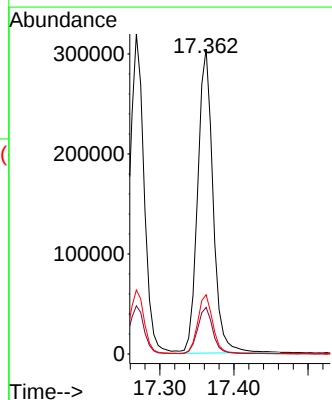
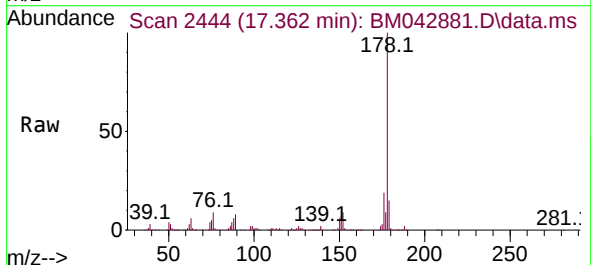
Tgt Ion:178 Resp: 436687

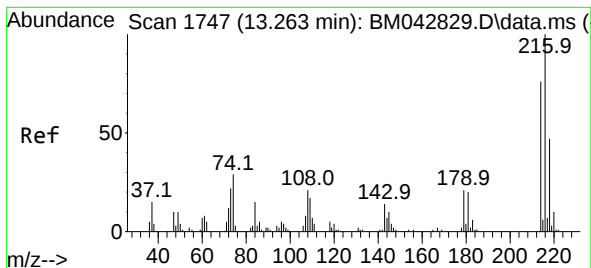
Ion Ratio Lower Upper

178 100

179 15.3 12.0 18.0

176 19.4 15.7 23.5

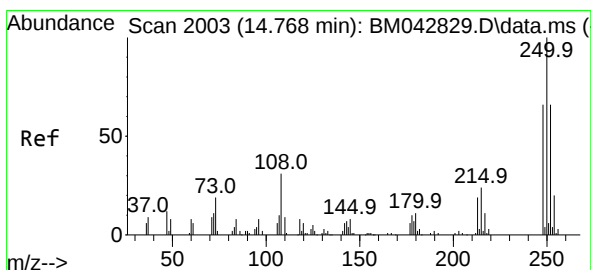
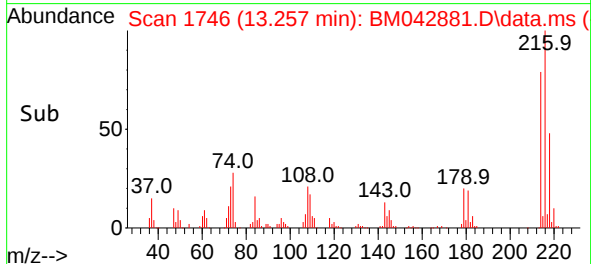
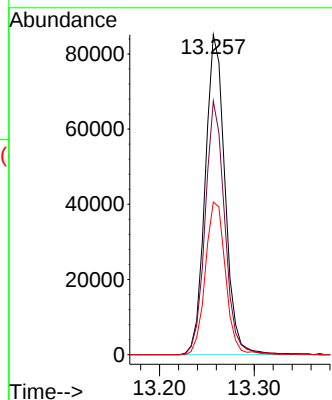
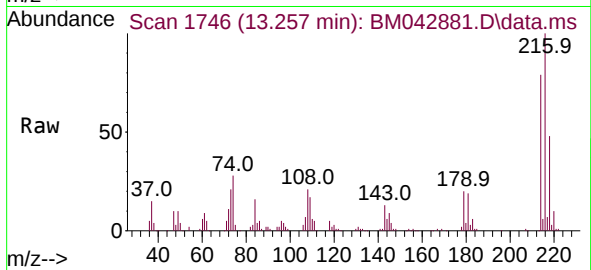




#75
1,2,3,4-Tetrachlorobenzene
Concen: 45.062 ng/uL
RT: 13.257 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM042881.D
Acq: 18 Nov 2023 14:16

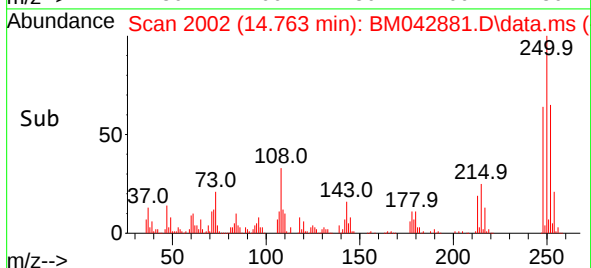
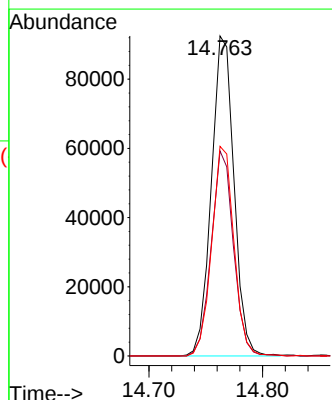
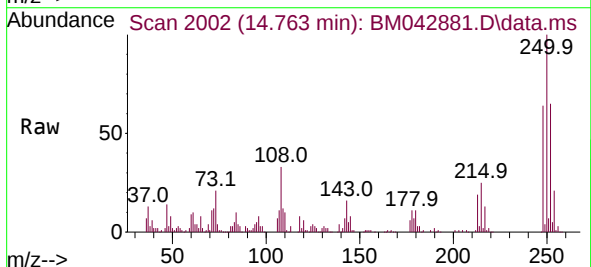
Instrument :
BNA_M
ClientSampleId :

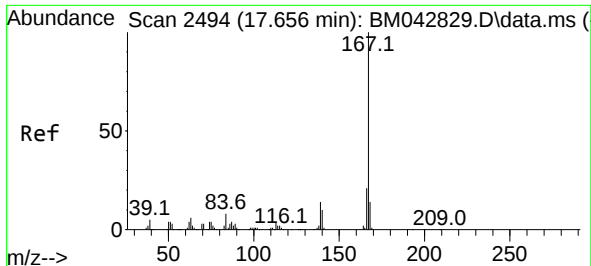
Tgt Ion:216 Resp: 123714
Ion Ratio Lower Upper
216 100
214 79.2 62.6 94.0
218 47.7 39.3 58.9



#76
Pentachlorobenzene
Concen: 44.344 ng/uL
RT: 14.763 min Scan# 2002
Delta R.T. -0.012 min
Lab File: BM042881.D
Acq: 18 Nov 2023 14:16

Tgt Ion:250 Resp: 127741
Ion Ratio Lower Upper
250 100
248 64.0 51.0 76.6
252 65.5 51.8 77.8

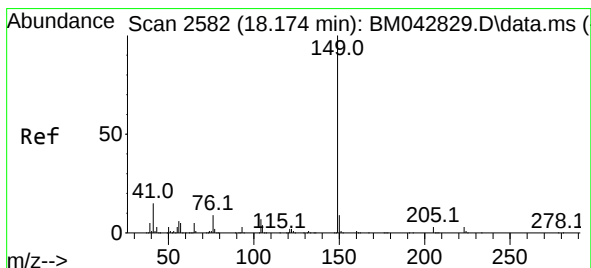
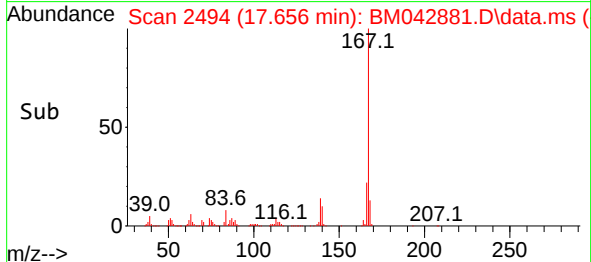
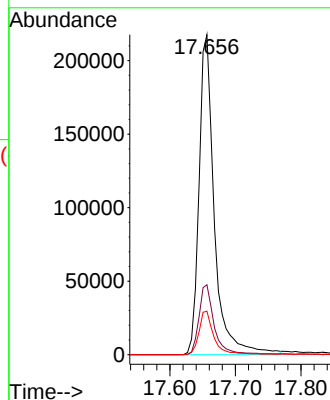
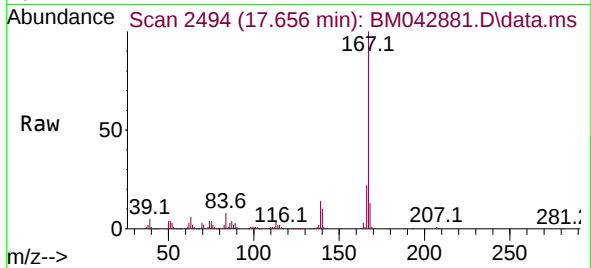




#77
 Carbazole
 Concen: 43.906 ng/ul
 RT: 17.656 min Scan# 2494
 Delta R.T. -0.006 min
 Lab File: BM042881.D
 Acq: 18 Nov 2023 14:16

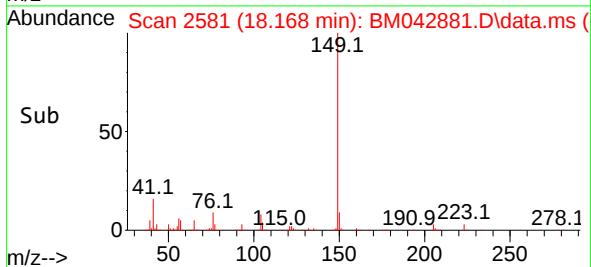
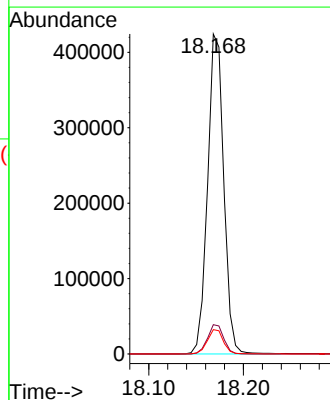
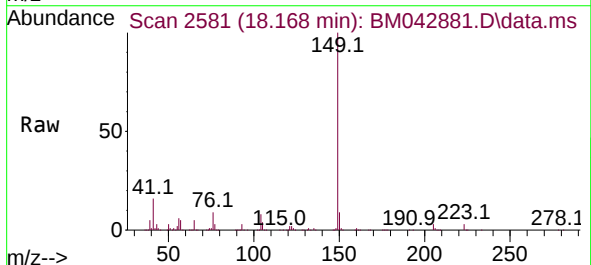
Instrument :
 BNA_M
 ClientSampleId :

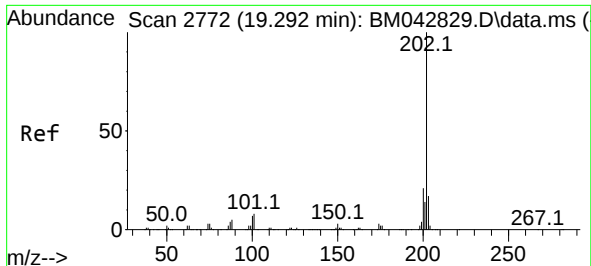
Tgt Ion:167 Resp: 353712
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 13.6 10.8 16.2



#78
 Di-n-butylphthalate
 Concen: 42.601 ng/ul
 RT: 18.168 min Scan# 2581
 Delta R.T. -0.012 min
 Lab File: BM042881.D
 Acq: 18 Nov 2023 14:16

Tgt Ion:149 Resp: 501854
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 7.6 5.3 7.9

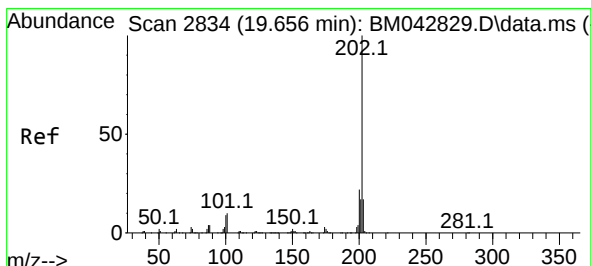
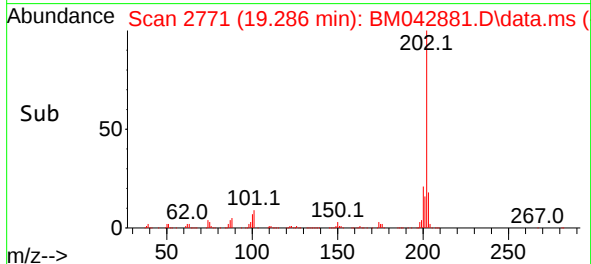
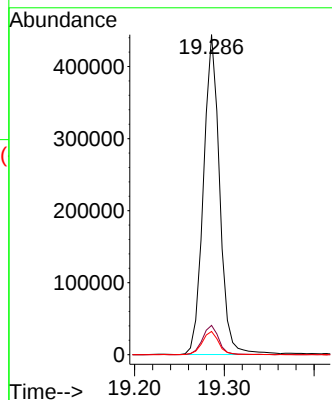
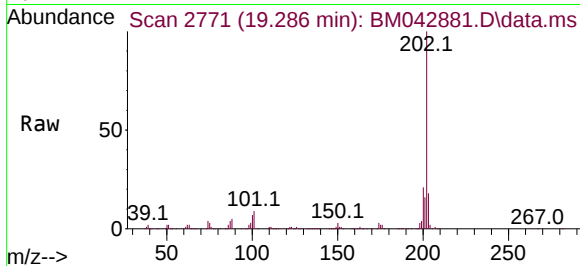




#80
Fluoranthene
Concen: 40.536 ng/u1
RT: 19.286 min Scan# 2771
Delta R.T. -0.012 min
Lab File: BM042881.D
Acq: 18 Nov 2023 14:16

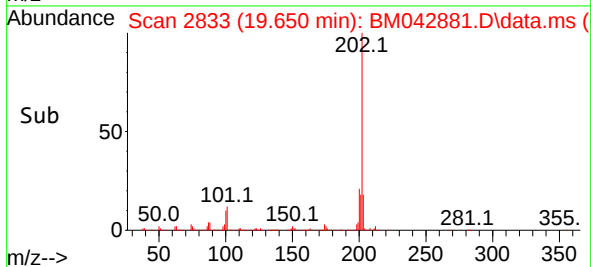
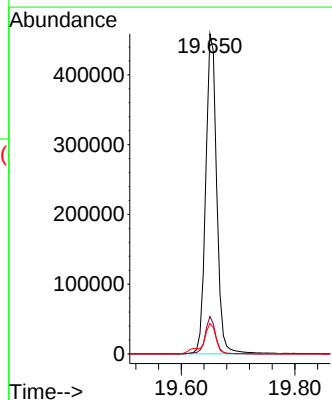
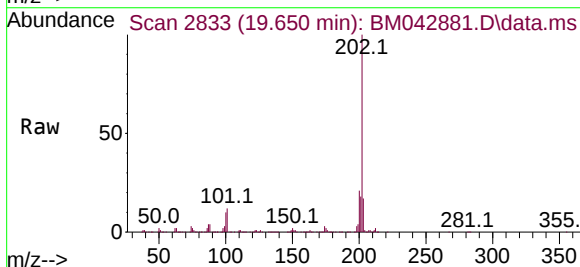
Instrument :
BNA_M
ClientSampleId :

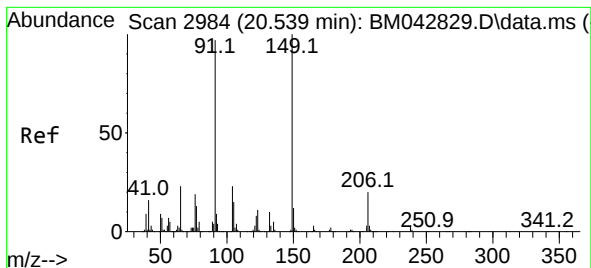
Tgt Ion:202 Resp: 558091
Ion Ratio Lower Upper
202 100
101 9.2 6.6 9.8
100 7.3 5.6 8.4



#82
Pyrene
Concen: 41.902 ng/u1
RT: 19.650 min Scan# 2833
Delta R.T. -0.012 min
Lab File: BM042881.D
Acq: 18 Nov 2023 14:16

Tgt Ion:202 Resp: 611686
Ion Ratio Lower Upper
202 100
101 11.7 8.1 12.1
100 9.5 6.9 10.3





#83

Butylbenzylphthalate

Concen: 37.441 ng/ul

RT: 20.533 min Scan# 2984

Delta R.T. -0.012 min

Lab File: BM042881.D

Acq: 18 Nov 2023 14:16

Instrument :

BNA_M

ClientSampleId :

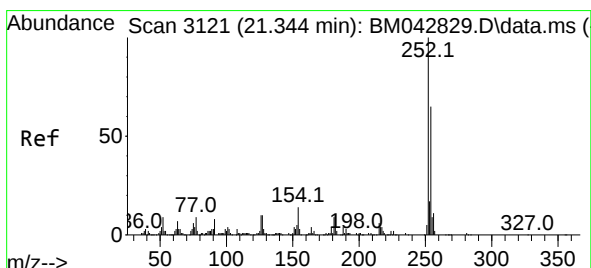
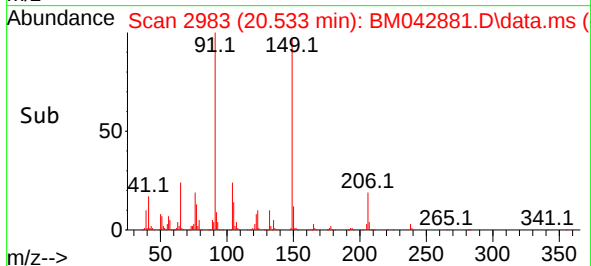
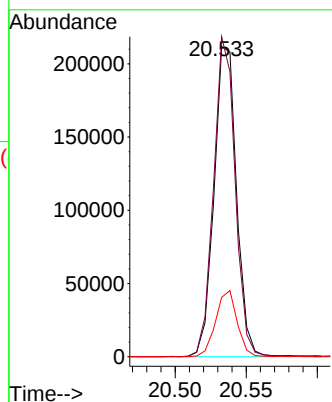
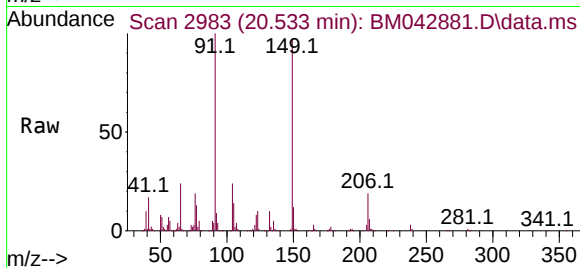
Tgt Ion:149 Resp: 233450

Ion Ratio Lower Upper

149 100

91 103.1 69.3 103.9

206 19.1 16.6 25.0



#84

3,3'-Dichlorobenzidine

Concen: 37.284 ng/ul

RT: 21.344 min Scan# 3121

Delta R.T. -0.012 min

Lab File: BM042881.D

Acq: 18 Nov 2023 14:16

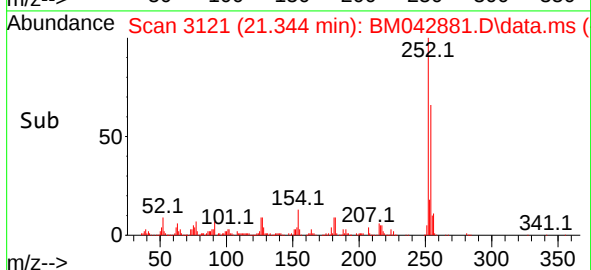
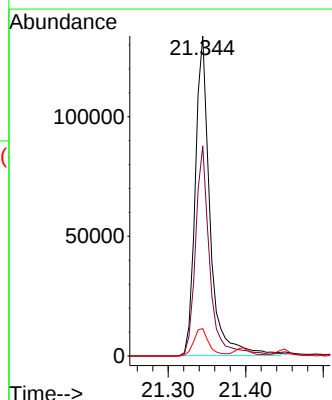
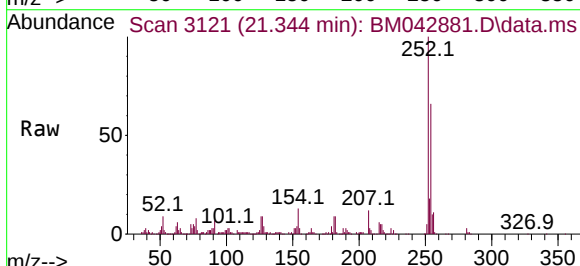
Tgt Ion:252 Resp: 175954

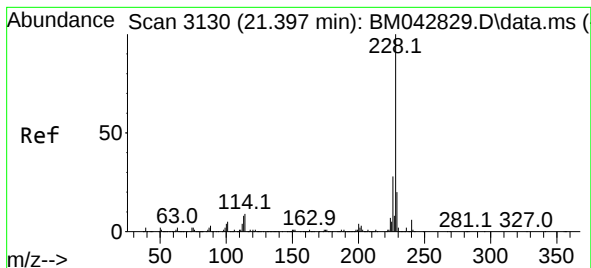
Ion Ratio Lower Upper

252 100

254 65.6 51.8 77.6

126 8.6 7.8 11.8





#85

Benzo(a)anthracene

Concen: 44.303 ng/ul

RT: 21.397 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BM042881.D

Acq: 18 Nov 2023 14:16

Instrument :

BNA_M

ClientSampleId :

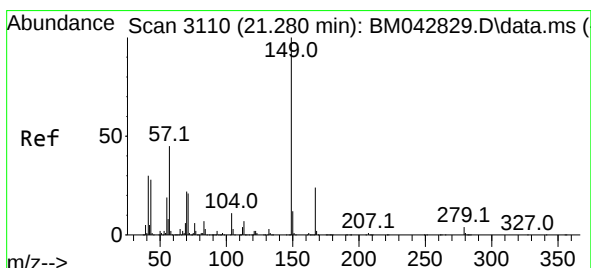
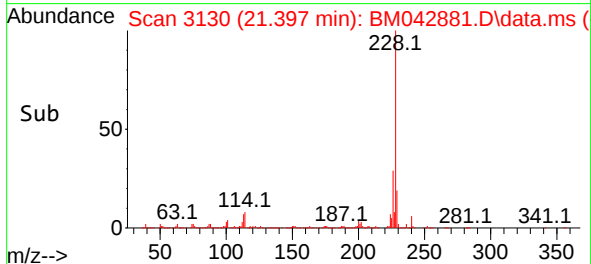
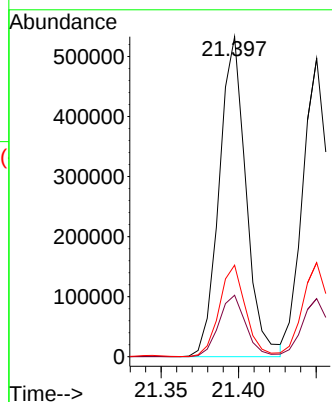
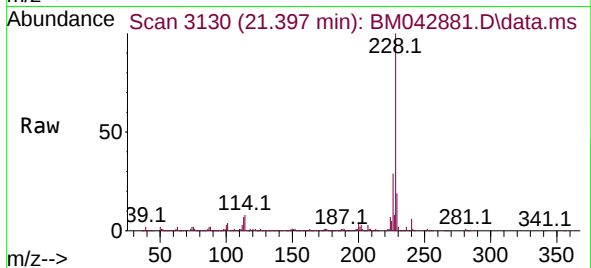
Tgt Ion:228 Resp: 641269

Ion Ratio Lower Upper

228 100

229 19.2 15.8 23.6

226 28.6 22.5 33.7



#86

Bis(2-ethylhexyl)phthalate

Concen: 37.771 ng/ul

RT: 21.280 min Scan# 3110

Delta R.T. -0.012 min

Lab File: BM042881.D

Acq: 18 Nov 2023 14:16

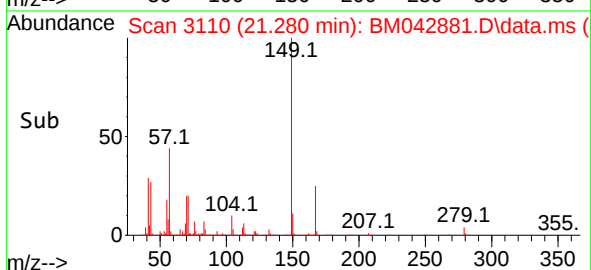
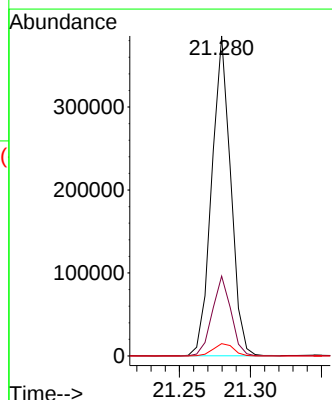
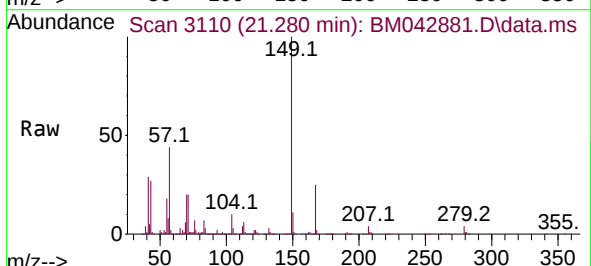
Tgt Ion:149 Resp: 357318

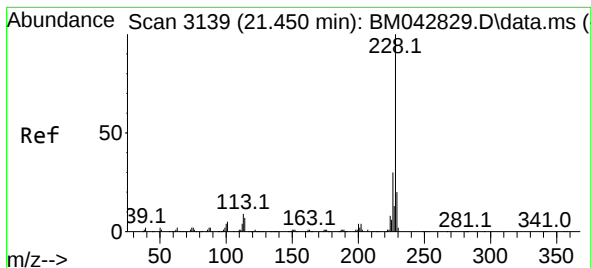
Ion Ratio Lower Upper

149 100

167 25.0 20.6 31.0

279 3.9 3.5 5.3





#87

Chrysene

Concen: 42.651 ng/ul

RT: 21.450 min Scan# 3139

Delta R.T. -0.006 min

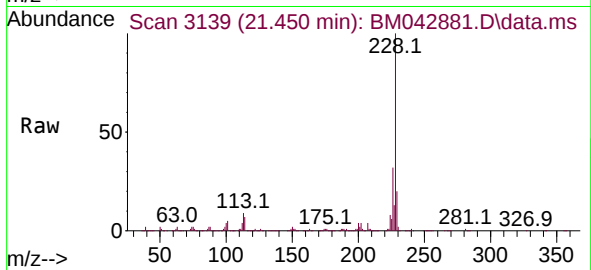
Lab File: BM042881.D

Acq: 18 Nov 2023 14:16

Instrument :

BNA_M

ClientSampleId :



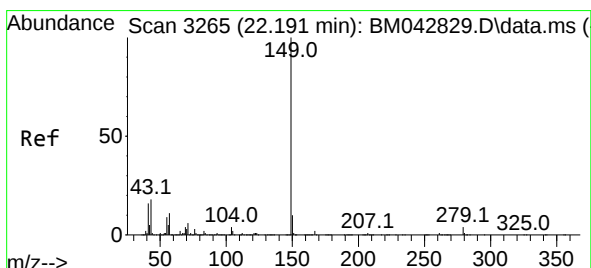
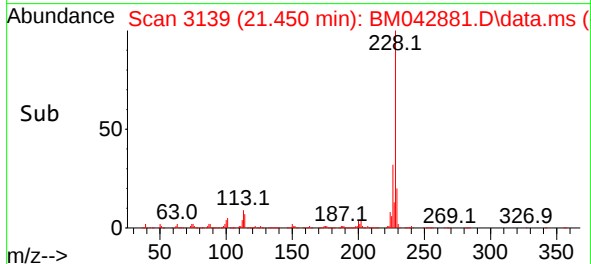
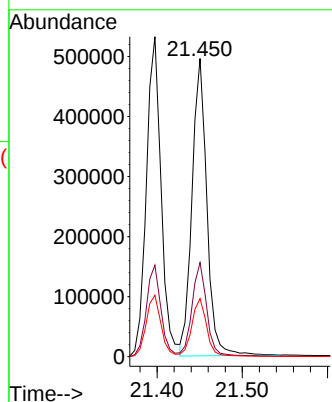
Tgt Ion:228 Resp: 598735

Ion Ratio Lower Upper

228 100

226 31.6 24.3 36.5

229 19.5 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 40.794 ng/ul

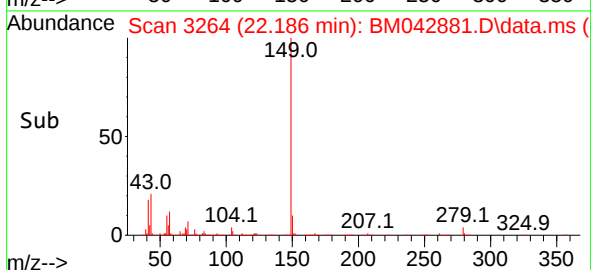
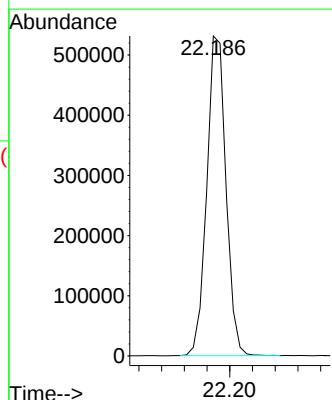
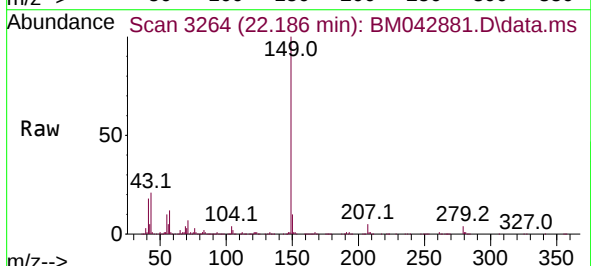
RT: 22.186 min Scan# 3264

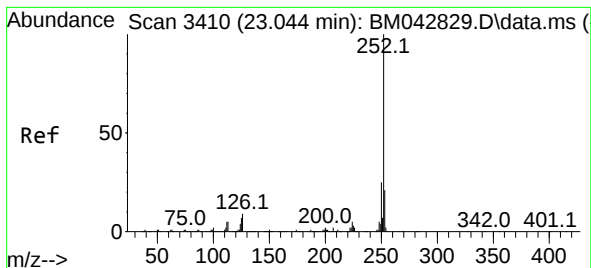
Delta R.T. -0.018 min

Lab File: BM042881.D

Acq: 18 Nov 2023 14:16

Tgt Ion:149 Resp: 622897





#90

Benzo(b)fluoranthene

Concen: 48.684 ng/ul

RT: 23.044 min Scan# 3410

Delta R.T. -0.012 min

Lab File: BM042881.D

Acq: 18 Nov 2023 14:16

Instrument :

BNA_M

ClientSampleId :

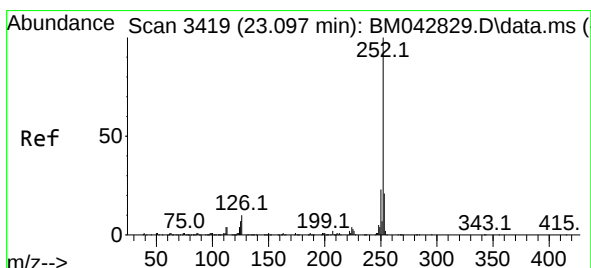
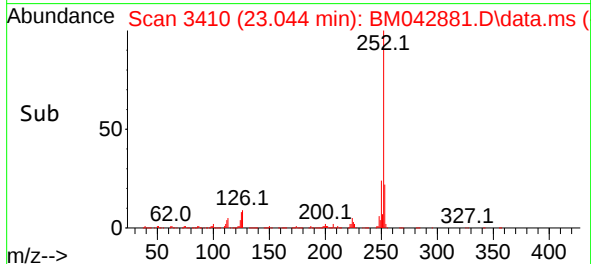
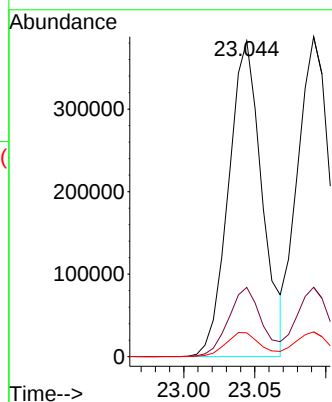
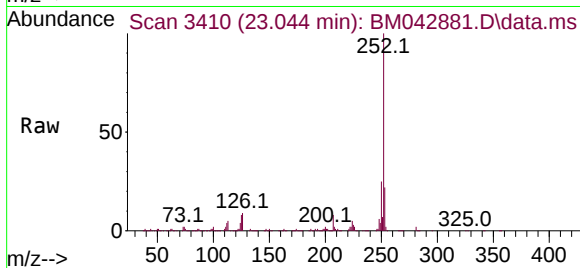
Tgt Ion:252 Resp: 628034

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

125 7.6 5.2 7.8



#91

Benzo(k)fluoranthene

Concen: 46.695 ng/ul

RT: 23.091 min Scan# 3418

Delta R.T. -0.012 min

Lab File: BM042881.D

Acq: 18 Nov 2023 14:16

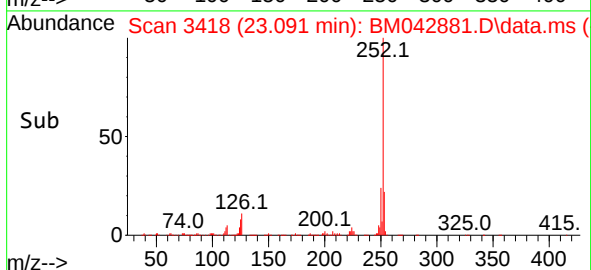
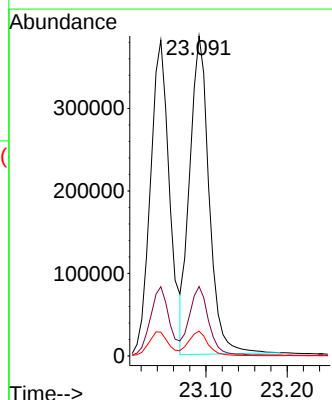
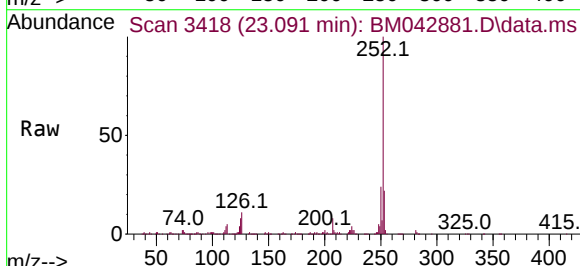
Tgt Ion:252 Resp: 641228

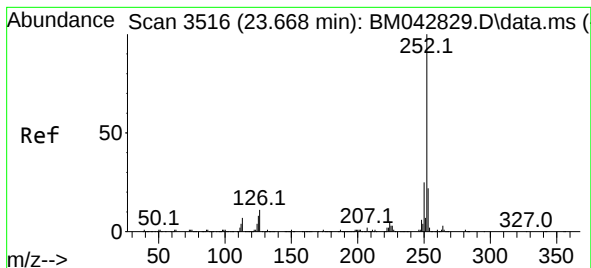
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 7.7 5.5 8.3





#93

Benzo(a)pyrene

Concen: 47.330 ng/ul

RT: 23.668 min Scan# 3516

Delta R.T. -0.012 min

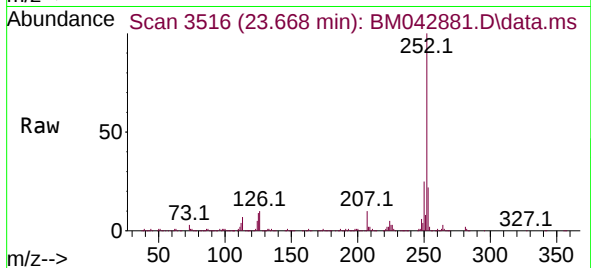
Lab File: BM042881.D

Acq: 18 Nov 2023 14:16

Instrument :

BNA_M

ClientSampleId :



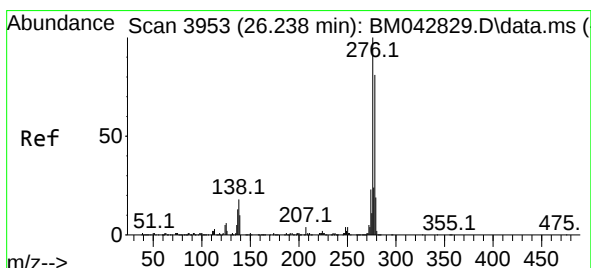
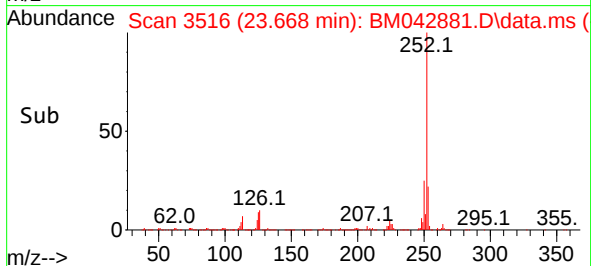
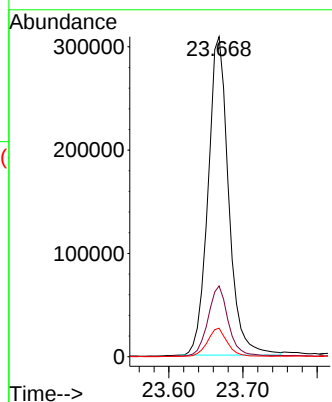
Tgt Ion:252 Resp: 594955

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

125 8.9 6.3 9.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 47.863 ng/ul

RT: 26.226 min Scan# 3951

Delta R.T. -0.018 min

Lab File: BM042881.D

Acq: 18 Nov 2023 14:16

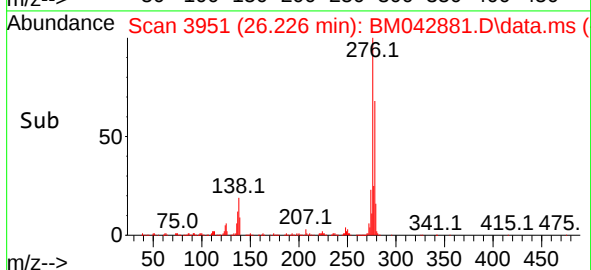
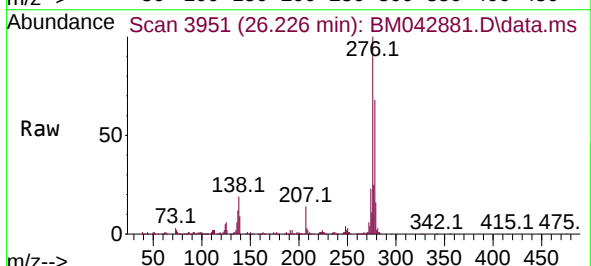
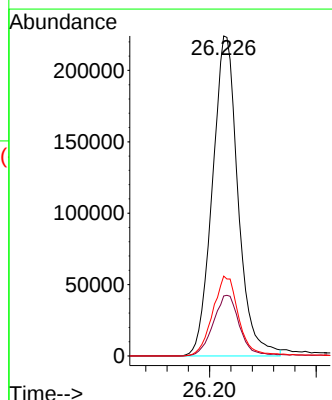
Tgt Ion:276 Resp: 747725

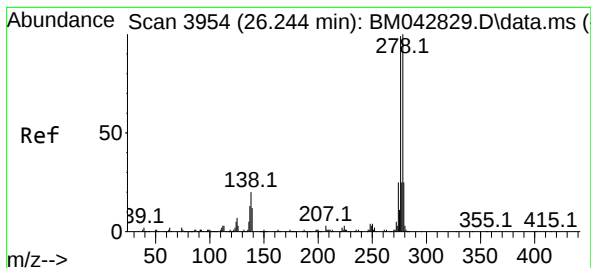
Ion Ratio Lower Upper

276 100

138 18.7 13.8 20.8

277 24.9 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 48.525 ng/ul

RT: 26.238 min Scan# 3953

Delta R.T. -0.024 min

Lab File: BM042881.D

Acq: 18 Nov 2023 14:16

Instrument :

BNA_M

ClientSampleId :

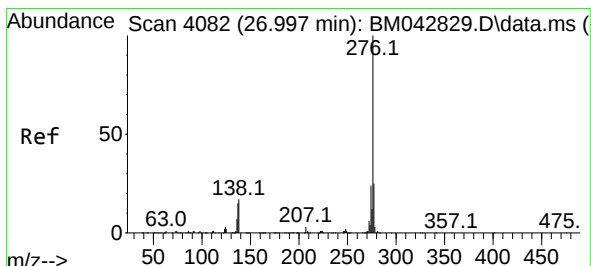
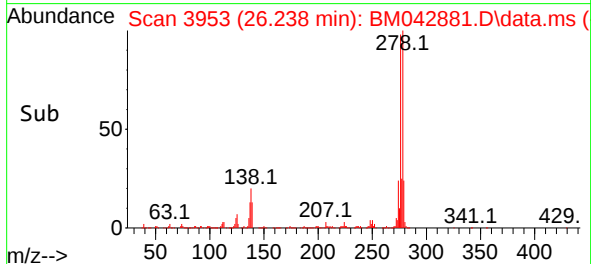
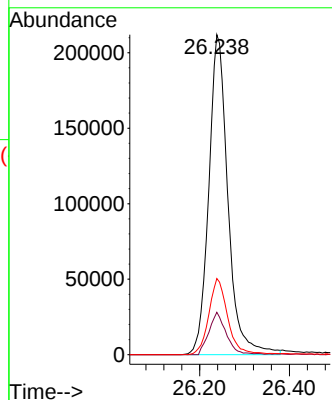
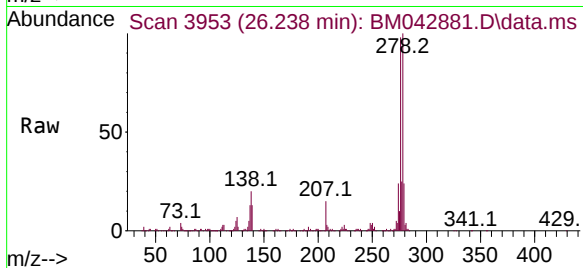
Tgt Ion:278 Resp: 628495

Ion Ratio Lower Upper

278 100

139 13.2 9.0 13.4

279 23.8 18.8 28.2



#96

Benzo(g,h,i)perylene

Concen: 47.875 ng/ul

RT: 26.997 min Scan# 4082

Delta R.T. -0.024 min

Lab File: BM042881.D

Acq: 18 Nov 2023 14:16

Tgt Ion:276 Resp: 593908

Ion Ratio Lower Upper

276 100

138 16.2 13.0 19.6

277 23.3 18.4 27.6

