

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
 Data File : BM039415.D
 Acq On : 13 Apr 2023 17:36
 Operator : CG/JU
 Sample : 02262-04MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JPP-2-040723MSD

Quant Time: Apr 13 18:27:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 11 16:05:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	169781	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	674727	20.000	ng	0.00
39) Acenaphthene-d10	14.516	164	400112	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	840029	20.000	ng	0.00
76) Chrysene-d12	21.457	240	816131	20.000	ng	0.00
86) Perylene-d12	23.839	264	918215	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1372144	121.761	ng	0.02
7) Phenol-d6	7.063	99	1629059	111.765	ng	0.03
23) Nitrobenzene-d5	9.028	82	1178715	84.906	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	682545	134.385	ng	0.00
45) 2-Fluorobiphenyl	13.134	172	2417088	81.851	ng	0.00
79) Terphenyl-d14	19.892	244	4035845	91.363	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.281	88	178550	38.763	ng	# 30
3) Pyridine	3.699	79	337040	26.119	ng	97
4) n-Nitrosodimethylamine	3.599	42	213334	42.095	ng	99
6) Aniline	7.187	93	390835	21.665	ng	98
8) 2-Chlorophenol	7.428	128	520541	45.131	ng	98
9) Benzaldehyde	6.999	77	228966	27.584	ng	98
10) Phenol	7.087	94	584252	39.998	ng	99
11) bis(2-Chloroethyl)ether	7.281	93	535691	45.587	ng	99
12) 1,3-Dichlorobenzene	7.740	146	540923	44.222	ng	99
13) 1,4-Dichlorobenzene	7.893	146	548603	44.355	ng	100
14) 1,2-Dichlorobenzene	8.210	146	537090	45.413	ng	98
15) Benzyl Alcohol	8.116	79	482520	48.131	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.393	45	718346	47.793	ng	100
17) 2-Methylphenol	8.334	107	432947	42.365	ng	99
18) Hexachloroethane	8.934	117	209241	43.734	ng	98
19) n-Nitroso-di-n-propyla...	8.675	70	422173	45.310	ng	99
20) 3+4-Methylphenols	8.663	107	583663	42.502	ng	96
22) Acetophenone	8.693	105	815874	45.225	ng	# 99
24) Nitrobenzene	9.075	77	598213	43.322	ng	100
25) Isophorone	9.599	82	1169285	45.148	ng	99
26) 2-Nitrophenol	9.787	139	278824	43.681	ng	98
27) 2,4-Dimethylphenol	9.863	122	485410	45.769	ng	98
28) bis(2-Chloroethoxy)met...	10.087	93	694515	44.300	ng	100
29) 2,4-Dichlorophenol	10.334	162	487197	47.082	ng	99
30) 1,2,4-Trichlorobenzene	10.528	180	494755	44.692	ng	98
31) Naphthalene	10.716	128	1605399	44.157	ng	100
32) Benzoic acid	10.034	122	310616	37.577	ng	98
33) 4-Chloroaniline	10.851	127	174151	10.934	ng	99
34) Hexachlorobutadiene	10.993	225	281683	43.273	ng	100
35) Caprolactam	11.646	113	141350	39.341	ng	95
36) 4-Chloro-3-methylphenol	11.993	107	545959	47.821	ng	97
37) 2-Methylnaphthalene	12.334	142	1093678	43.212	ng	99
38) 1-Methylnaphthalene	12.551	142	1030202	43.471	ng	100
40) 1,2,4,5-Tetrachloroben...	12.698	216	554224	45.495	ng	99
41) Hexachlorocyclopentadiene	12.675	237	663229	99.656	ng	99
43) 2,4,6-Trichlorophenol	12.957	196	386560	46.529	ng	100

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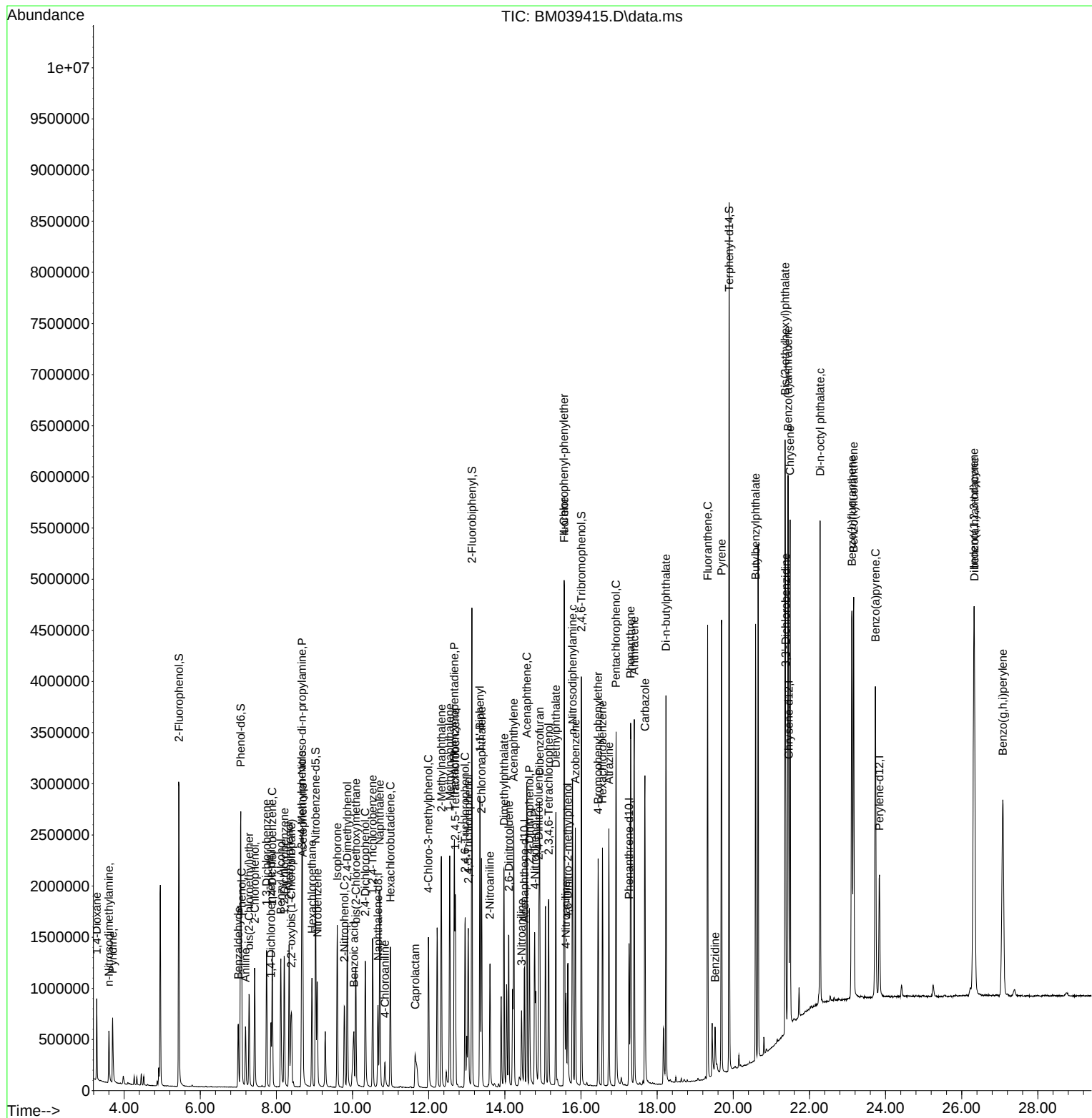
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.040	196	427088	43.851	ng	98
46) 1,1'-Biphenyl	13.345	154	1466048	46.400	ng	99
47) 2-Chloronaphthalene	13.387	162	1096852	45.848	ng	99
48) 2-Nitroaniline	13.610	65	360734	44.808	ng	99
49) Acenaphthylene	14.234	152	1791362	45.559	ng	100
50) Dimethylphthalate	13.981	163	1425539	46.231	ng	99
51) 2,6-Dinitrotoluene	14.104	165	310524	46.829	ng	98
52) Acenaphthene	14.575	154	1062887	45.780	ng	100
53) 3-Nitroaniline	14.439	138	208839	27.243	ng	94
54) 2,4-Dinitrophenol	14.645	184	387993	98.802	ng	99
55) Dibenzofuran	14.916	168	1677070	44.867	ng	99
56) 4-Nitrophenol	14.786	139	481764	81.500	ng	98
57) 2,4-Dinitrotoluene	14.892	165	438502	48.884	ng	92
58) Fluorene	15.563	166	1370271	46.295	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.151	232	368480	47.557	ng	100
60) Diethylphthalate	15.339	149	1444587	46.544	ng	100
61) 4-Chlorophenyl-phenyle...	15.557	204	664422	45.294	ng	98
62) 4-Nitroaniline	15.604	138	276856	35.194	ng	100
63) Azobenzene	15.851	77	1435641	46.169	ng	99
65) 4,6-Dinitro-2-methylph...	15.657	198	256250	46.369	ng	96
66) n-Nitrosodiphenylamine	15.781	169	1198256	45.267	ng	99
67) 4-Bromophenyl-phenylether	16.451	248	402388	44.854	ng	98
68) Hexachlorobenzene	16.563	284	465694	47.876	ng	96
69) Atrazine	16.733	200	416992	49.737	ng	100
70) Pentachlorophenol	16.922	266	620300	88.883	ng	99
71) Phenanthrene	17.304	178	2151639	46.768	ng	100
72) Anthracene	17.398	178	2183132	46.537	ng	100
73) Carbazole	17.680	167	2099724	47.900	ng	99
74) Di-n-butylphthalate	18.233	149	2666330	49.172	ng	99
75) Fluoranthene	19.327	202	2553331	48.686	ng	100
77) Benzidine	19.521	184	395998	18.396	ng	99
78) Pyrene	19.692	202	2768343	47.648	ng	100
80) Butylbenzylphthalate	20.586	149	1238907	46.545	ng	96
81) Benzo(a)anthracene	21.439	228	2615681	45.444	ng	99
82) 3,3'-Dichlorobenzidine	21.374	252	716182	37.351	ng	99
83) Chrysene	21.492	228	2546752	45.834	ng	100
84) Bis(2-ethylhexyl)phtha...	21.363	149	1858416	47.274	ng	100
85) Di-n-octyl phthalate	22.280	149	3229849	45.603	ng	100
87) Indeno(1,2,3-cd)pyrene	26.321	276	3151272	46.579	ng	100
88) Benzo(b)fluoranthene	23.115	252	2845583	50.648	ng	99
89) Benzo(k)fluoranthene	23.162	252	2750239	48.057	ng	99
90) Benzo(a)pyrene	23.733	252	2458733	44.548	ng	100
91) Dibenzo(a,h)anthracene	26.333	278	2636377	46.409	ng	100
92) Benzo(g,h,i)perylene	27.080	276	2585191	46.274	ng	99

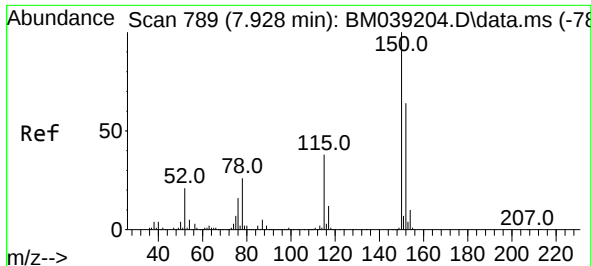
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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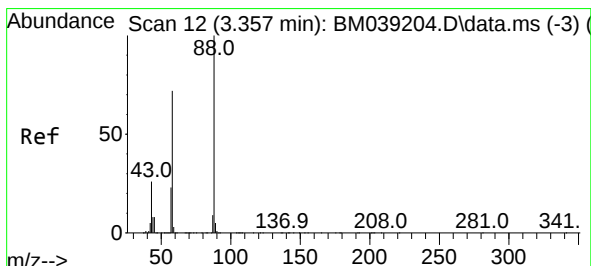
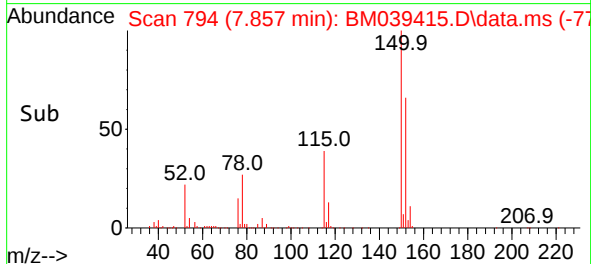
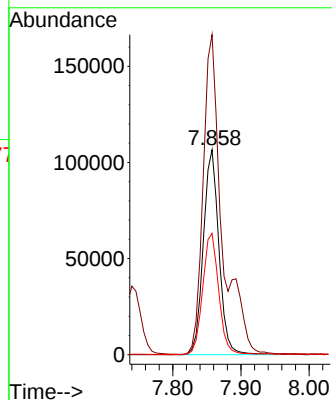
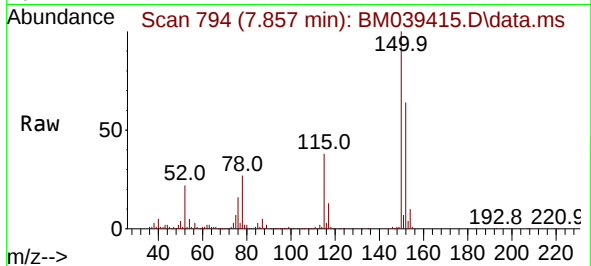




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 794
Delta R.T. -0.006 min
Lab File: BM039415.D
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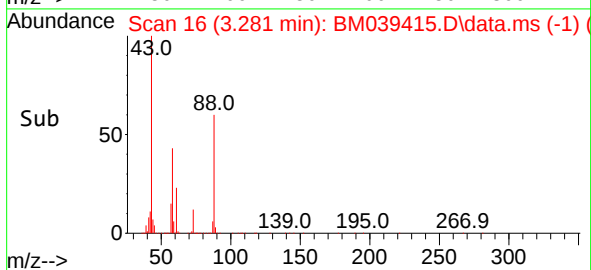
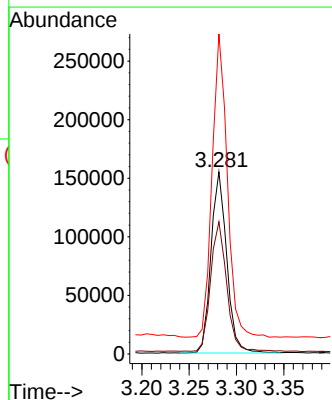
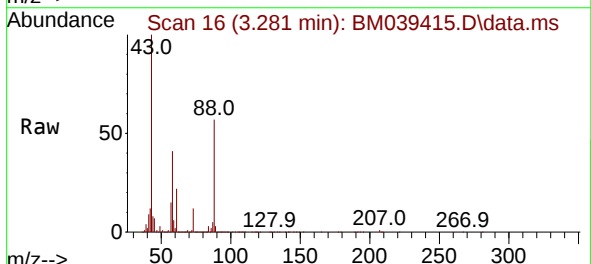
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BNA_M
ClientSampleId :
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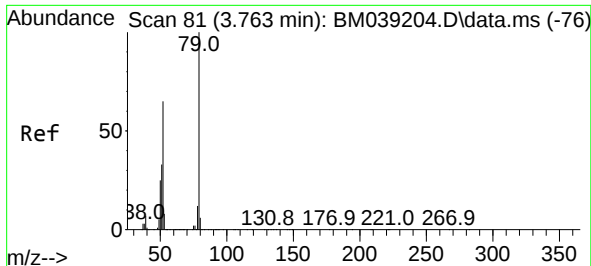
Tgt Ion:152 Resp: 169781
Ion Ratio Lower Upper
152 100
150 156.1 125.5 188.3
115 59.2 48.1 72.1



#2
1,4-Dioxane
Concen: 38.763 ng
RT: 3.281 min Scan# 16
Delta R.T. 0.000 min
Lab File: BM039415.D
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Tgt Ion: 88 Resp: 178550
Ion Ratio Lower Upper
88 100
58 73.0 57.9 86.9
43 160.3 21.4 32.2

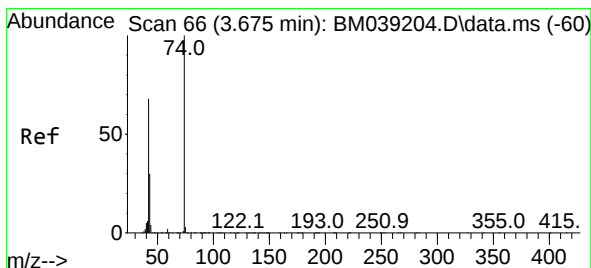
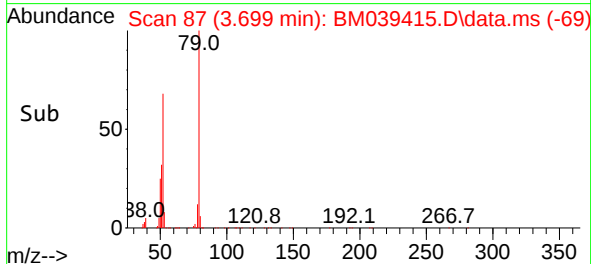
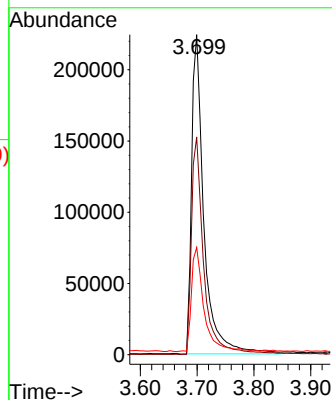
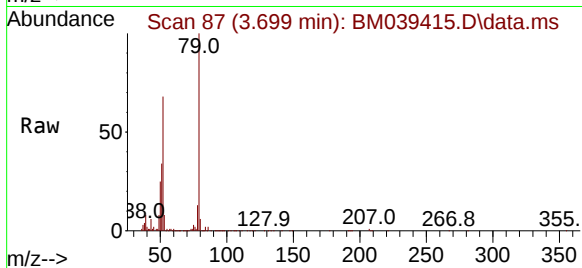




#3
 Pyridine
 Concen: 26.119 ng
 RT: 3.699 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: BM039415.D
 Acq: 13 Apr 2023 17:36

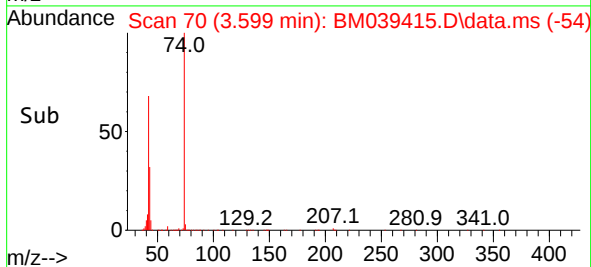
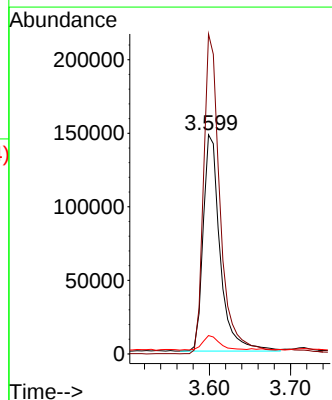
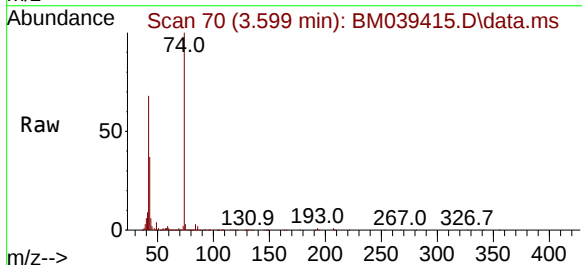
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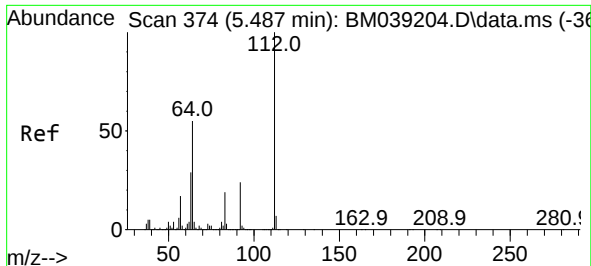
Tgt Ion: 79 Resp: 337040
 Ion Ratio Lower Upper
 79 100
 52 68.1 52.0 78.0
 51 33.5 26.4 39.6



#4
 n-Nitrosodimethylamine
 Concen: 42.095 ng
 RT: 3.599 min Scan# 70
 Delta R.T. -0.005 min
 Lab File: BM039415.D
 Acq: 13 Apr 2023 17:36

Tgt Ion: 42 Resp: 213334
 Ion Ratio Lower Upper
 42 100
 74 146.0 118.1 177.1
 44 8.4 6.3 9.5

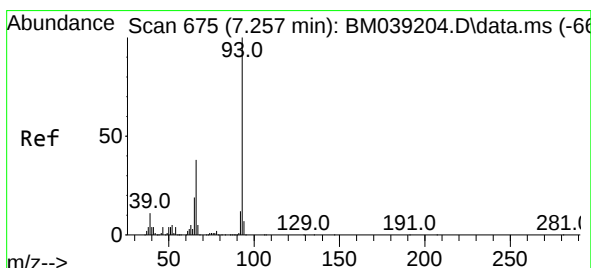
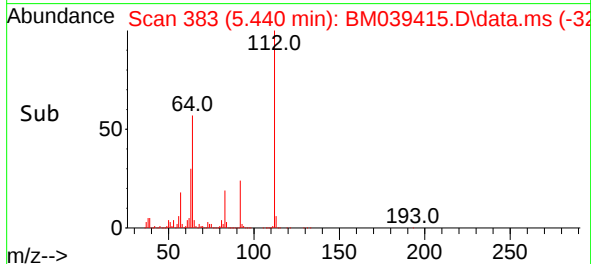
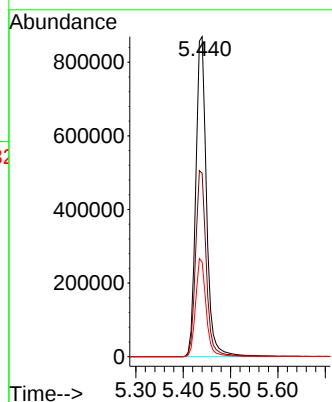
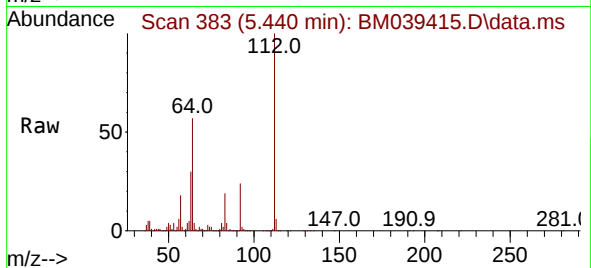




#5
2-Fluorophenol
Concen: 121.761 ng
RT: 5.440 min Scan# 31
Delta R.T. 0.018 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

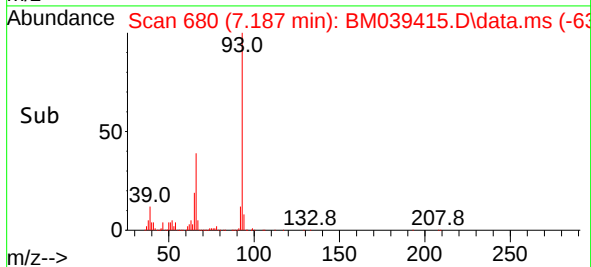
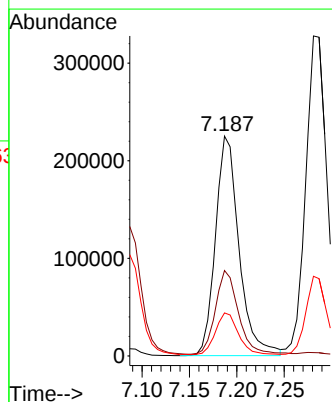
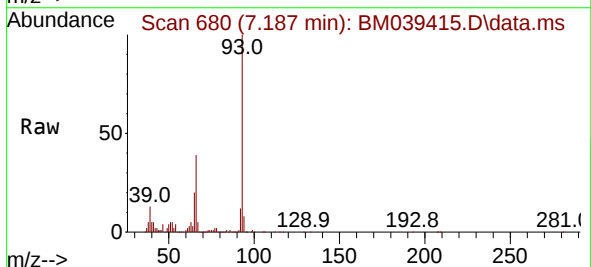
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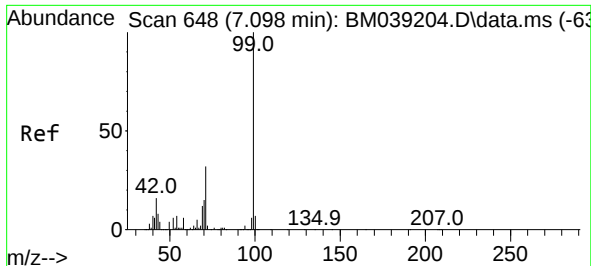
Tgt Ion:112 Resp: 1372144
Ion Ratio Lower Upper
112 100
64 57.3 44.3 66.5
63 29.6 23.0 34.6



#6
Aniline
Concen: 21.665 ng
RT: 7.187 min Scan# 680
Delta R.T. -0.005 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

Tgt Ion: 93 Resp: 390835
Ion Ratio Lower Upper
93 100
66 38.9 30.1 45.1
65 19.6 15.5 23.3

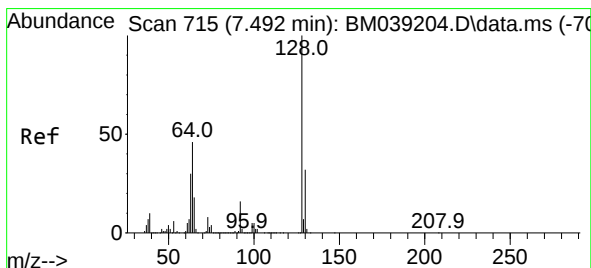
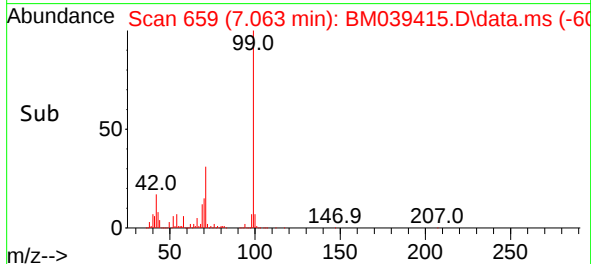
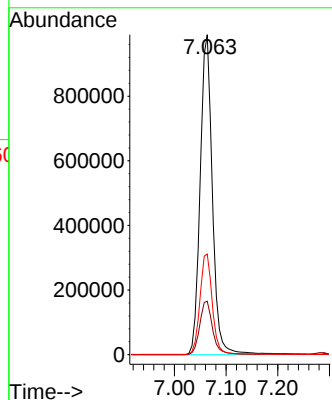
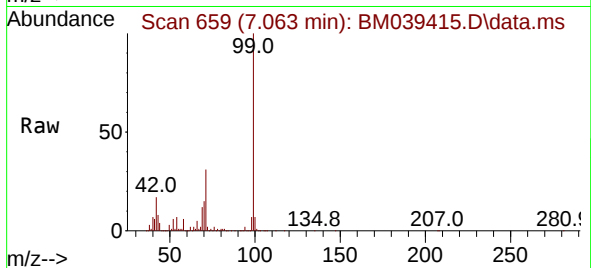




#7
Phenol-d6
Concen: 111.765 ng
RT: 7.063 min Scan# 61
Delta R.T. 0.030 min
Lab File: BM039415.D
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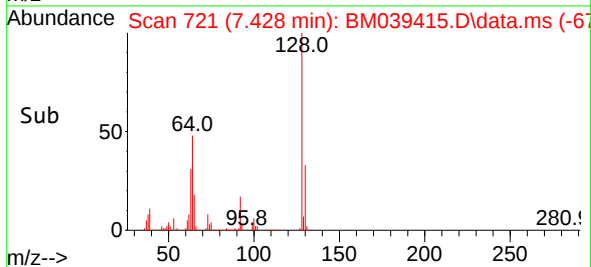
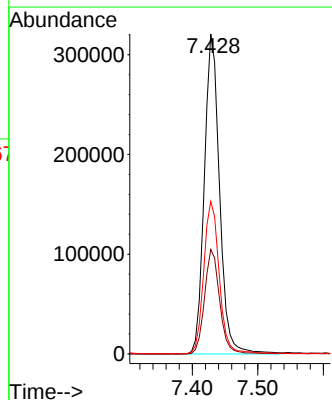
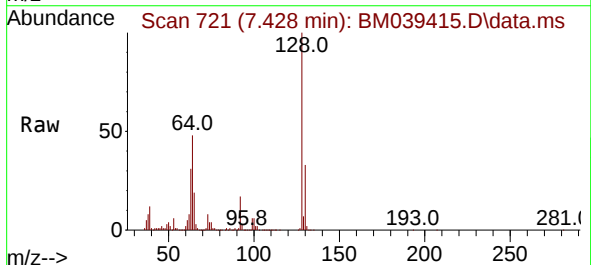
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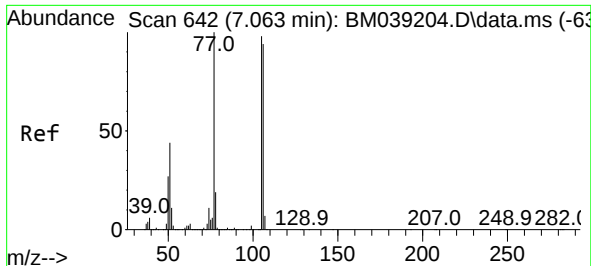
Tgt Ion: 99 Resp: 1629059
Ion Ratio Lower Upper
99 100
42 16.7 13.0 19.6
71 31.5 25.5 38.3



#8
2-Chlorophenol
Concen: 45.131 ng
RT: 7.428 min Scan# 721
Delta R.T. 0.000 min
Lab File: BM039415.D
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Tgt Ion: 128 Resp: 520541
Ion Ratio Lower Upper
128 100
130 32.6 12.2 52.2
64 47.7 25.9 65.9

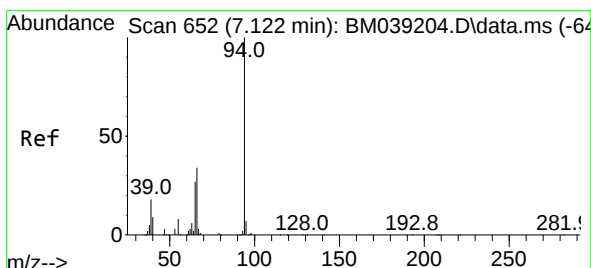
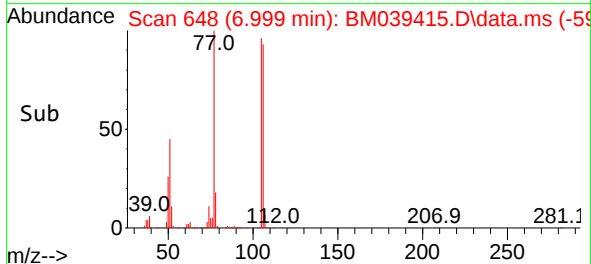
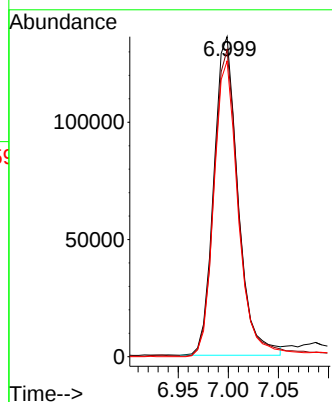
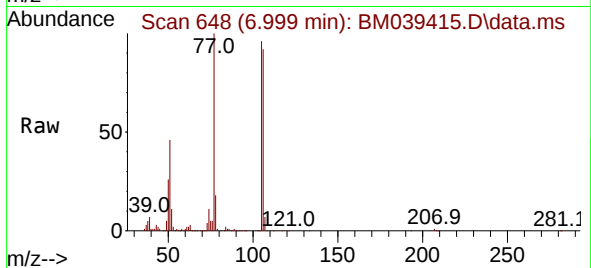




#9
Benzaldehyde
Concen: 27.584 ng
RT: 6.999 min Scan# 642
Delta R.T. -0.006 min
Lab File: BM039415.D
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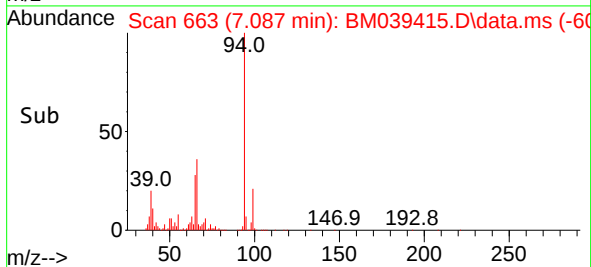
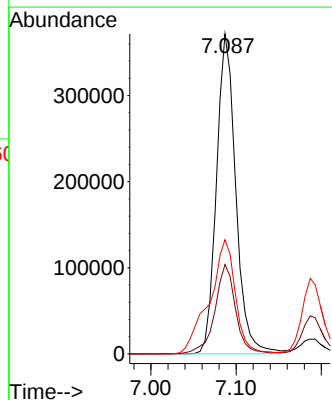
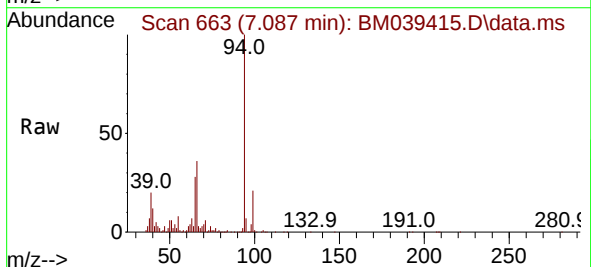
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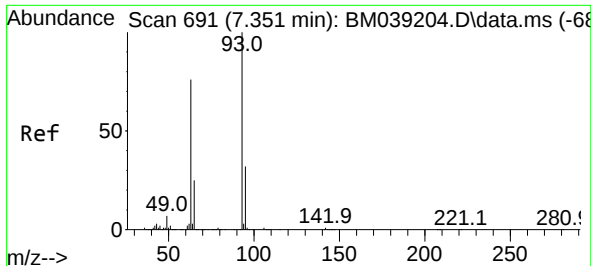
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Ion Ratio Lower Upper
77 100
105 95.9 78.2 118.2
106 92.4 73.8 113.8



#10
Phenol
Concen: 39.998 ng
RT: 7.087 min Scan# 663
Delta R.T. 0.024 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

Tgt Ion: 94 Resp: 584252
Ion Ratio Lower Upper
94 100
65 27.9 7.2 47.2
66 35.7 15.2 55.2

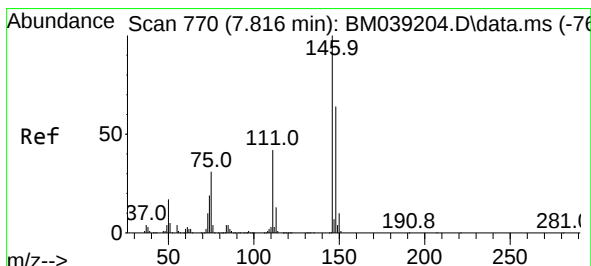
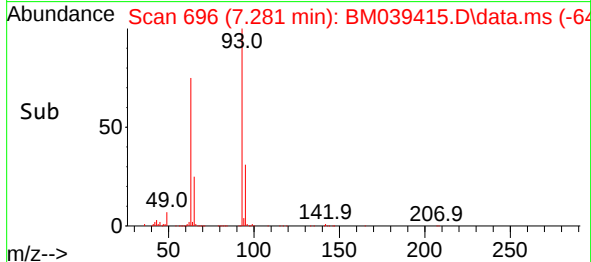
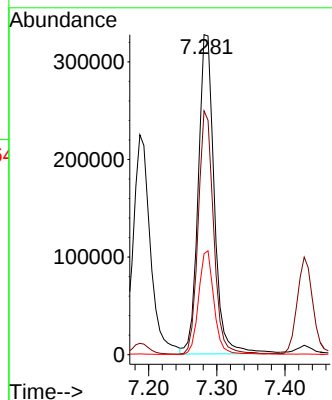
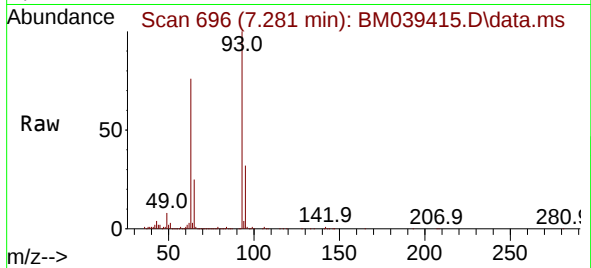




#11
bis(2-Chloroethyl)ether
Concen: 45.587 ng
RT: 7.281 min Scan# 691
Delta R.T. -0.005 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

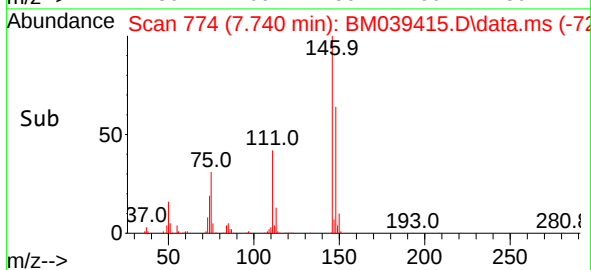
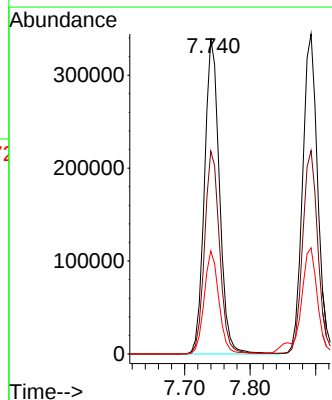
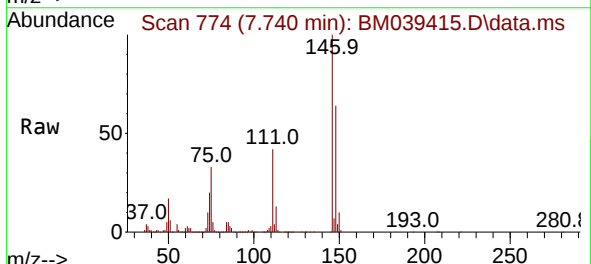
Instrument :
BNA_M
ClientSampleId :
JPP-2-040723MSD

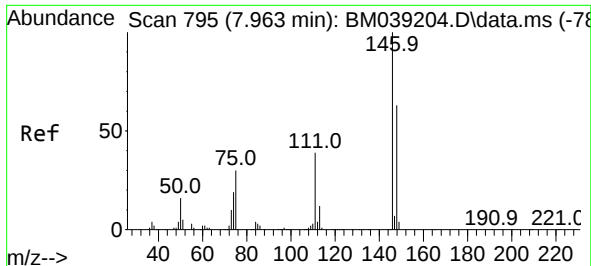
Tgt Ion: 93 Resp: 535691
Ion Ratio Lower Upper
93 100
63 76.2 55.5 95.5
95 31.6 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 44.222 ng
RT: 7.740 min Scan# 774
Delta R.T. -0.005 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

Tgt Ion:146 Resp: 540923
Ion Ratio Lower Upper
146 100
148 64.2 51.2 76.8
75 32.6 25.2 37.8

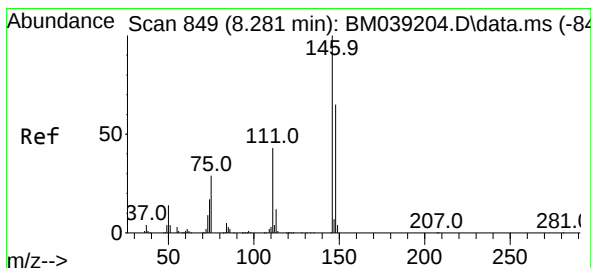
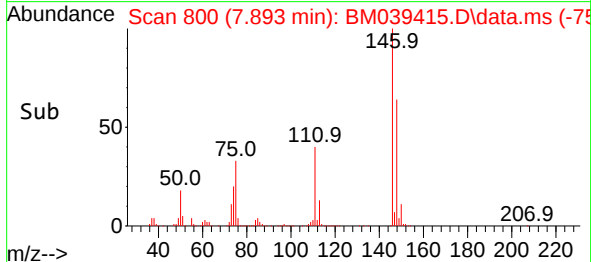
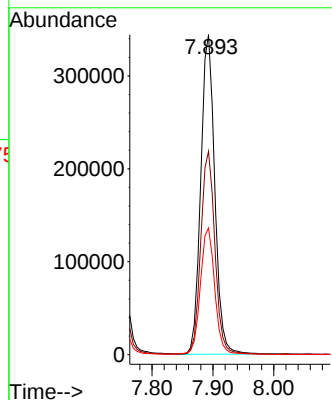
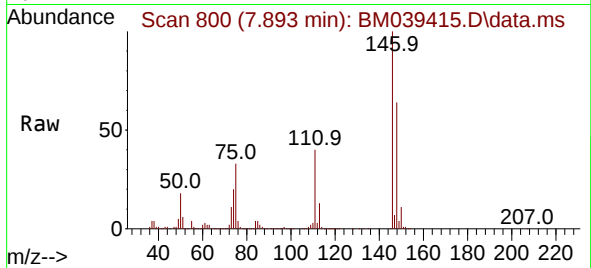




#13
1,4-Dichlorobenzene
Concen: 44.355 ng
RT: 7.893 min Scan# 80
Delta R.T. -0.005 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

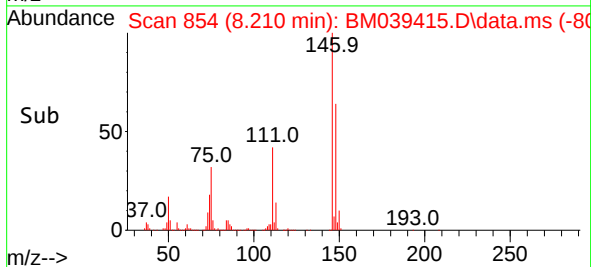
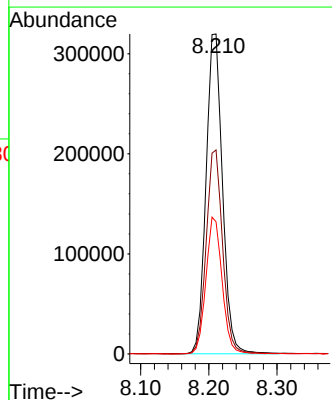
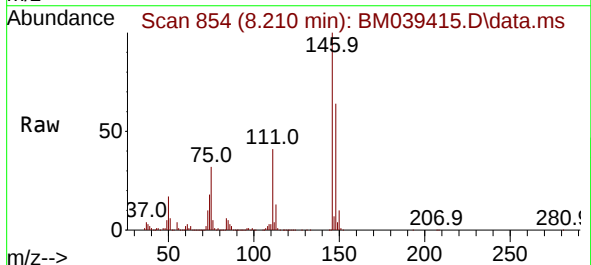
Instrument :
BNA_M
ClientSampleId :
JPP-2-040723MSD

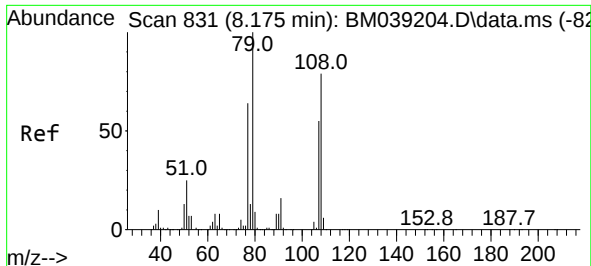
Tgt Ion:146 Resp: 548603
Ion Ratio Lower Upper
146 100
148 63.6 50.8 76.2
111 39.6 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 45.413 ng
RT: 8.210 min Scan# 854
Delta R.T. -0.005 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

Tgt Ion:146 Resp: 537090
Ion Ratio Lower Upper
146 100
148 63.7 52.1 78.1
111 41.3 34.5 51.7

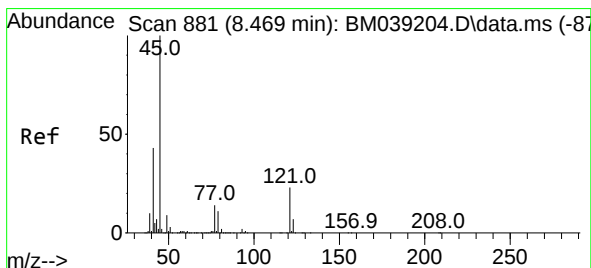
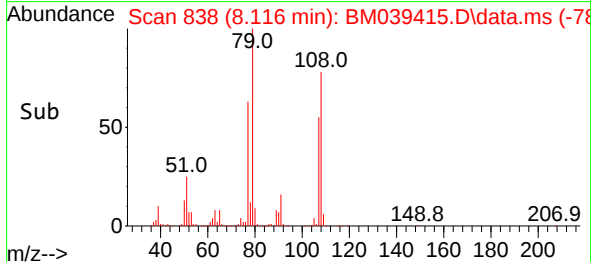
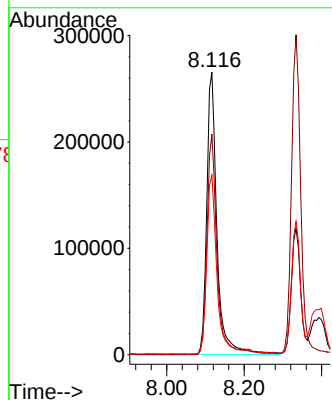
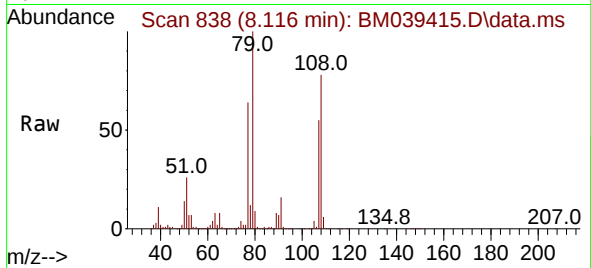




#15
Benzyl Alcohol
Concen: 48.131 ng
RT: 8.116 min Scan# 811
Delta R.T. 0.006 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

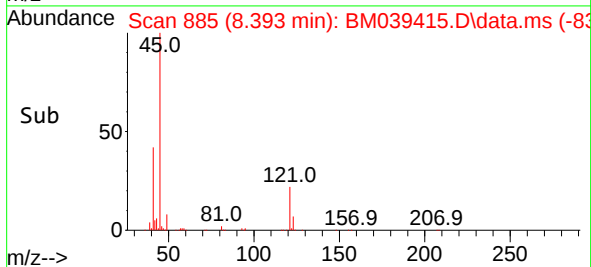
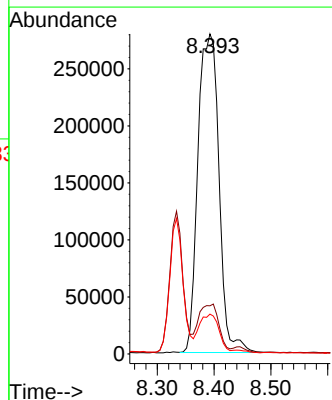
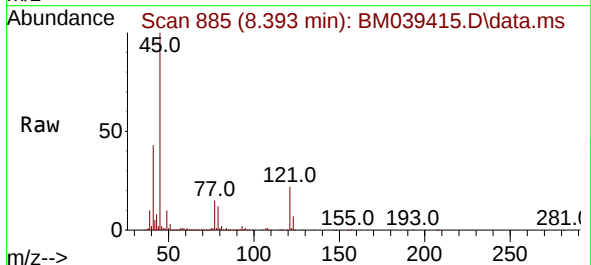
Instrument :
BNA_M
ClientSampleId :
JPP-2-040723MSD

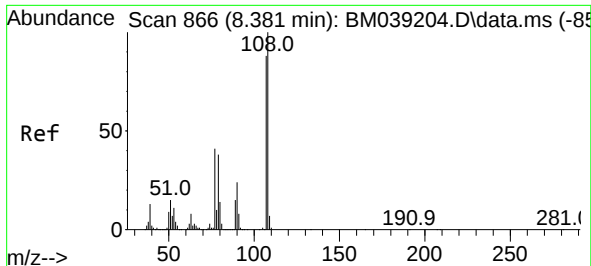
Tgt Ion: 79 Resp: 482520
Ion Ratio Lower Upper
79 100
108 78.1 63.4 95.0
77 63.5 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.793 ng
RT: 8.393 min Scan# 885
Delta R.T. -0.011 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

Tgt Ion: 45 Resp: 718346
Ion Ratio Lower Upper
45 100
77 15.1 0.0 35.1
79 12.4 0.0 32.2

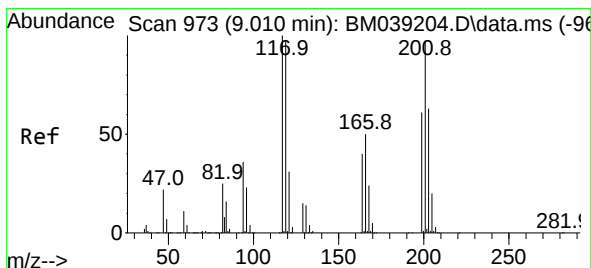
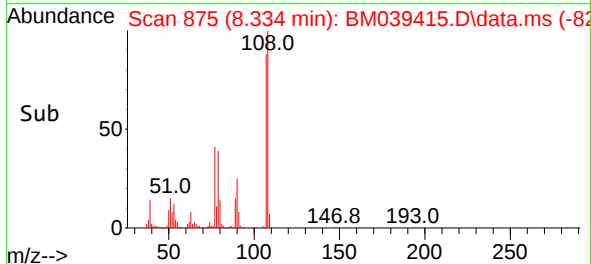
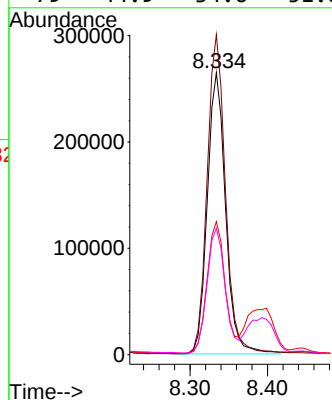
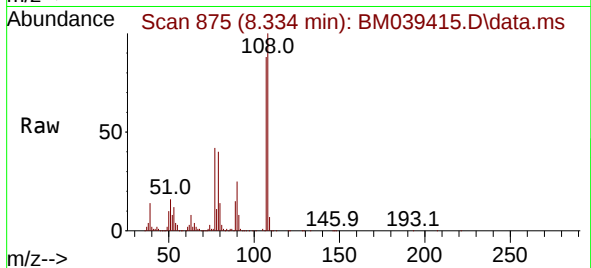




#17
2-Methylphenol
Concen: 42.365 ng
RT: 8.334 min Scan# 81
Delta R.T. 0.018 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

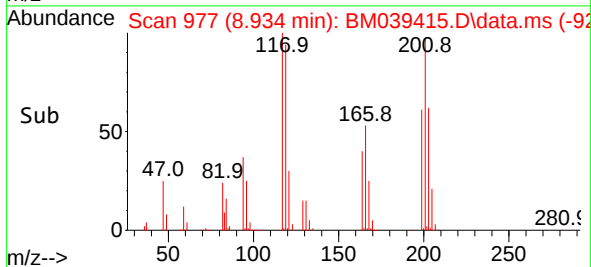
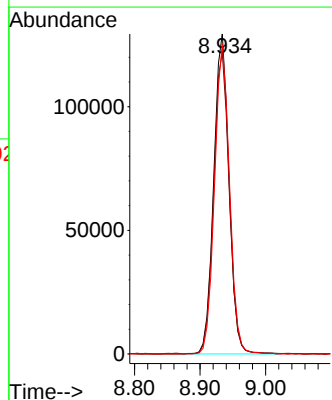
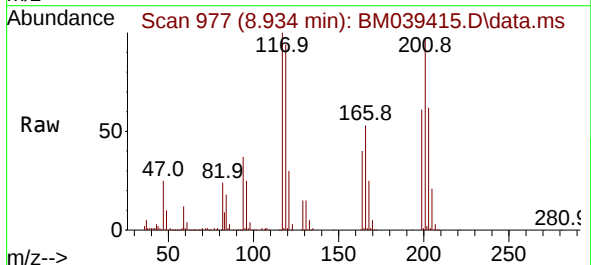
Instrument :
BNA_M
ClientSampleId :
JPP-2-040723MSD

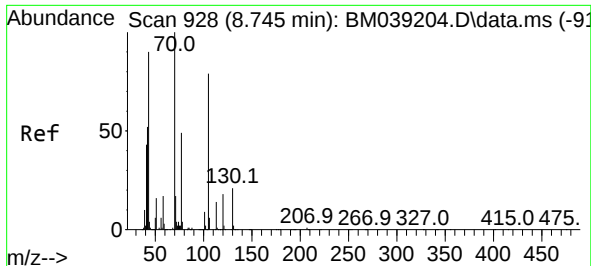
Tgt Ion:	107	Resp:	432947
Ion	Ratio	Lower	Upper
107	100		
108	113.5	90.6	136.0
77	47.2	37.0	55.4
79	44.9	34.6	51.8



#18
Hexachloroethane
Concen: 43.734 ng
RT: 8.934 min Scan# 977
Delta R.T. -0.005 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

Tgt Ion:	117	Resp:	209241
Ion	Ratio	Lower	Upper
117	100		
119	94.1	77.8	116.8
201	97.1	77.3	115.9

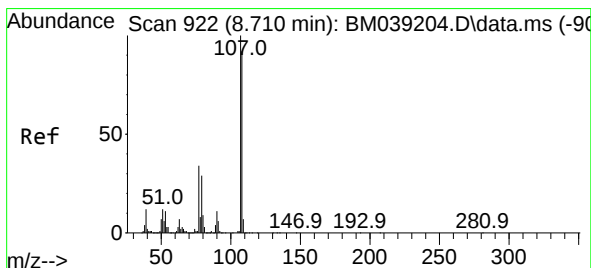
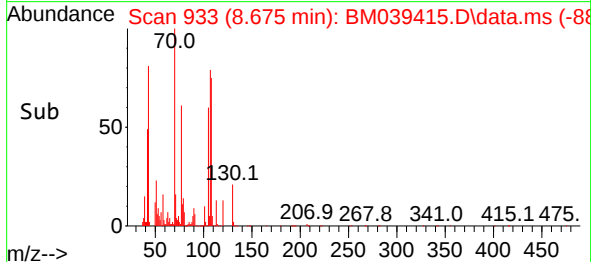
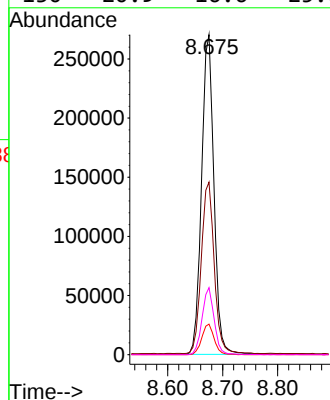
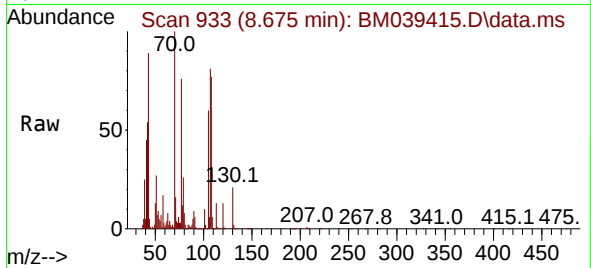




#19
n-Nitroso-di-n-propylamine
Concen: 45.310 ng
RT: 8.675 min Scan# 91
Delta R.T. -0.005 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

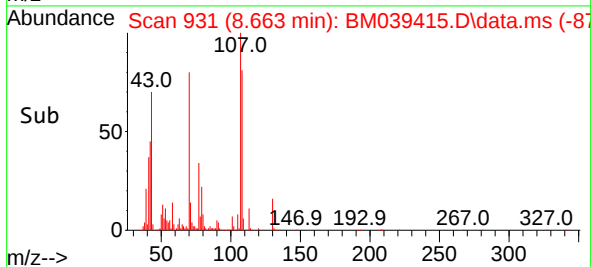
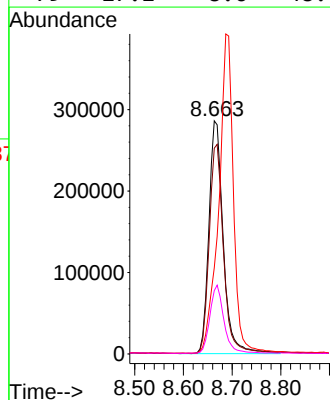
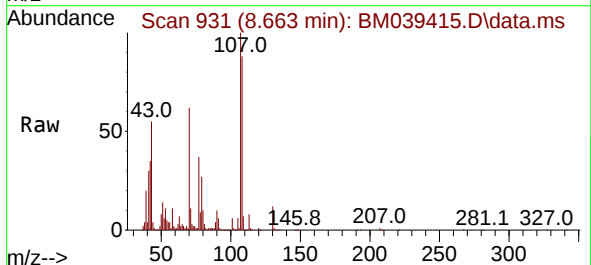
Instrument :
BNA_M
ClientSampleId :
JPP-2-040723MSD

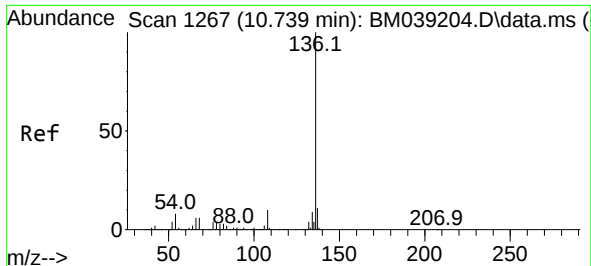
Tgt Ion: 70 Resp: 422173
Ion Ratio Lower Upper
70 100
42 53.9 42.2 63.2
101 9.6 7.6 11.4
130 20.9 16.6 25.0



#20
3+4-Methylphenols
Concen: 42.502 ng
RT: 8.663 min Scan# 931
Delta R.T. 0.012 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

Tgt Ion: 107 Resp: 583663
Ion Ratio Lower Upper
107 100
108 88.3 72.1 112.1
77 37.0 13.7 53.7
79 27.2 8.6 48.6

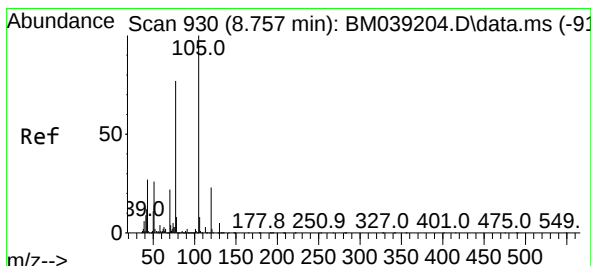
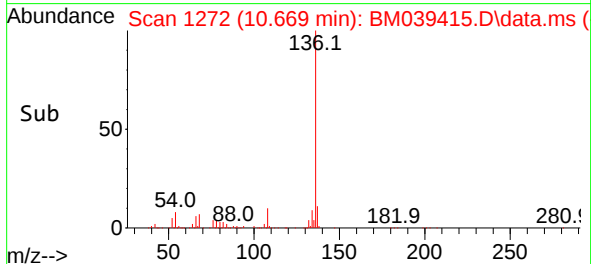
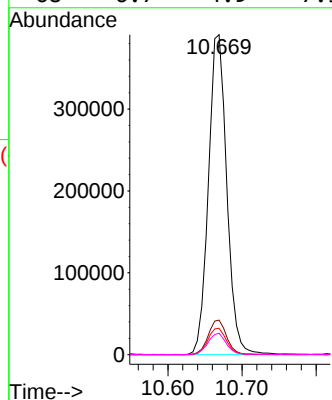
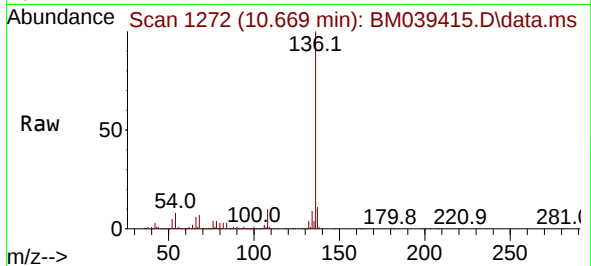




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

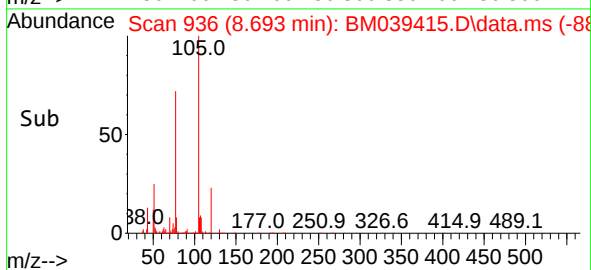
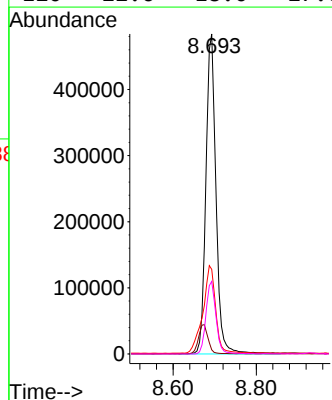
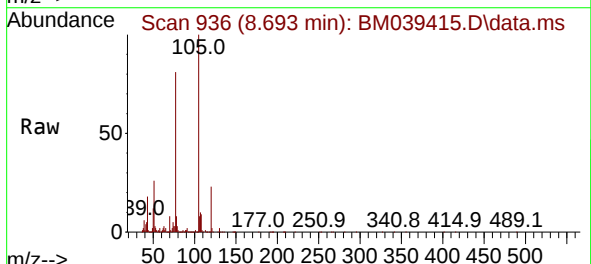
Instrument :
BNA_M
ClientSampleId :
JPP-2-040723MSD

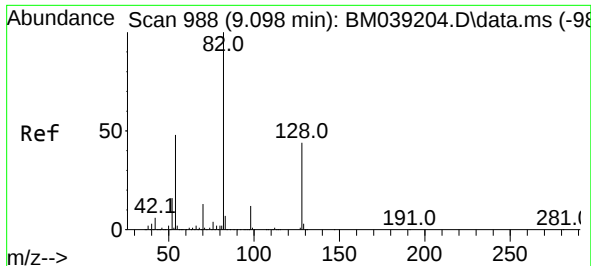
Tgt Ion:136	Resp: 674727
Ion Ratio	Lower Upper
136 100	
137 10.8	8.9 13.3
54 8.3	6.2 9.4
68 6.7	4.9 7.3



#22
Acetophenone
Concen: 45.225 ng
RT: 8.693 min Scan# 936
Delta R.T. -0.005 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

Tgt	Ion:105	Resp:	815874
Ion	Ratio	Lower	Upper
105	100		
71	1.3	2.8	4.2#
51	26.4	20.6	31.0
120	22.6	18.0	27.0

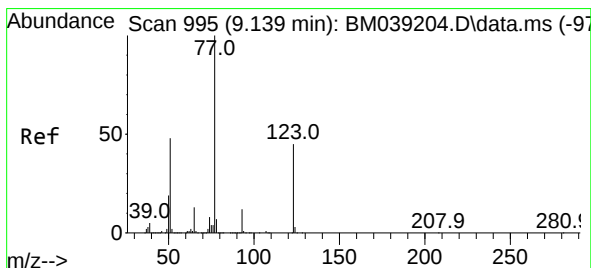
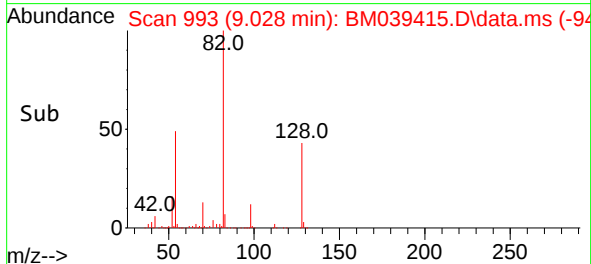
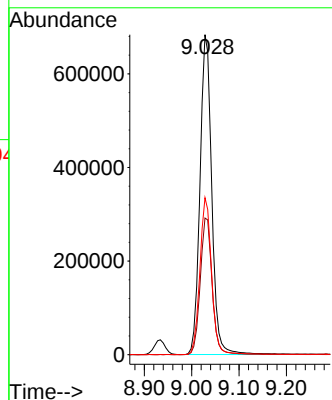
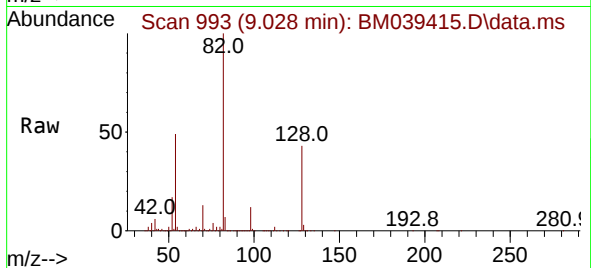




#23
Nitrobenzene-d5
Concen: 84.906 ng
RT: 9.028 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

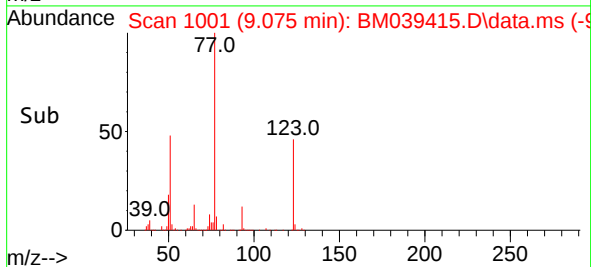
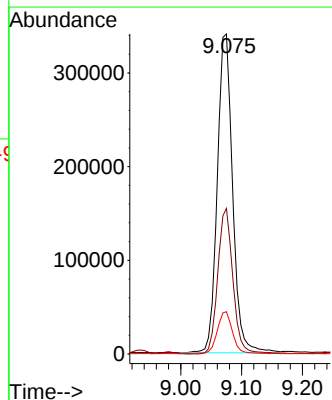
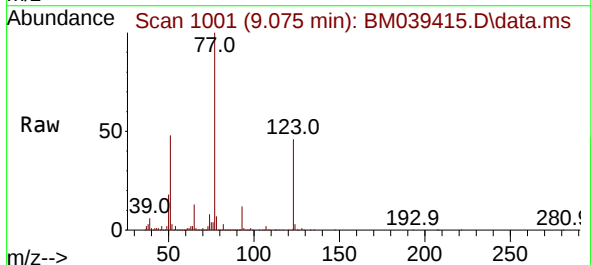
Instrument :
BNA_M
ClientSampleId :
JPP-2-040723MSD

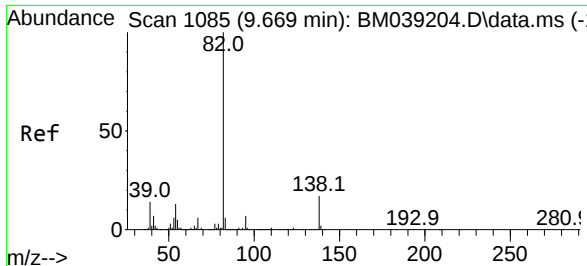
Tgt Ion: 82 Resp: 1178715
Ion Ratio Lower Upper
82 100
128 42.7 35.1 52.7
54 49.0 38.5 57.7



#24
Nitrobenzene
Concen: 43.322 ng
RT: 9.075 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

Tgt Ion: 77 Resp: 598213
Ion Ratio Lower Upper
77 100
123 45.5 36.2 54.2
65 13.2 10.6 15.8





#25

Isophorone

Concen: 45.148 ng

RT: 9.599 min Scan# 1109

Delta R.T. -0.005 min

Lab File: BM039415.D

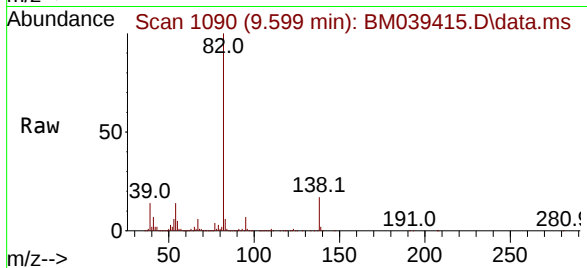
Acq: 13 Apr 2023 17:36

Instrument :

BNA_M

ClientSampleId :

JPP-2-040723MSD



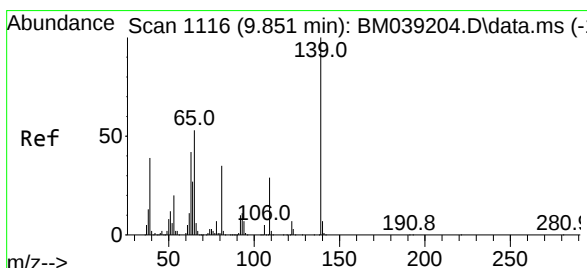
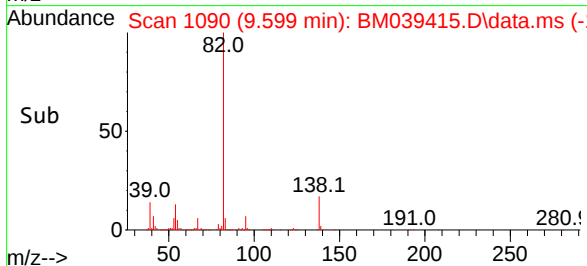
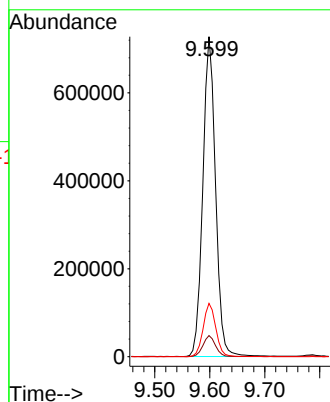
Tgt Ion: 82 Resp: 1169285

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 16.6 13.5 20.3



#26

2-Nitrophenol

Concen: 43.681 ng

RT: 9.787 min Scan# 1122

Delta R.T. -0.005 min

Lab File: BM039415.D

Acq: 13 Apr 2023 17:36

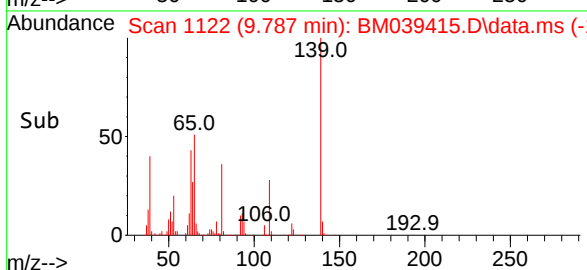
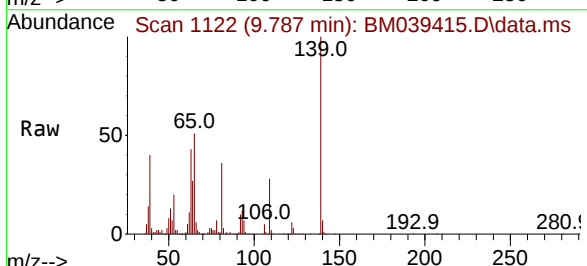
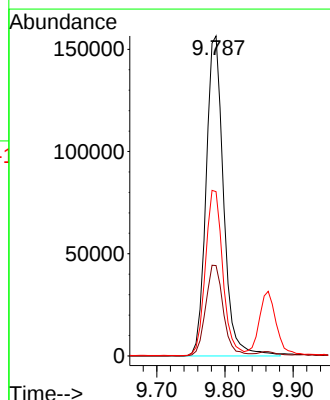
Tgt Ion:139 Resp: 278824

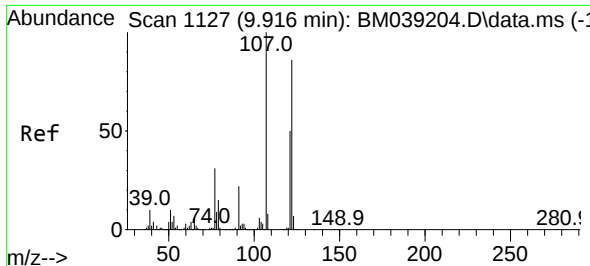
Ion Ratio Lower Upper

139 100

109 28.3 23.4 35.0

65 51.3 42.2 63.2

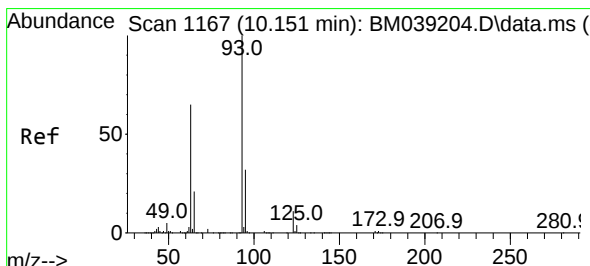
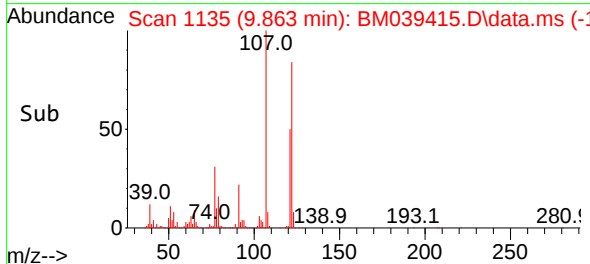
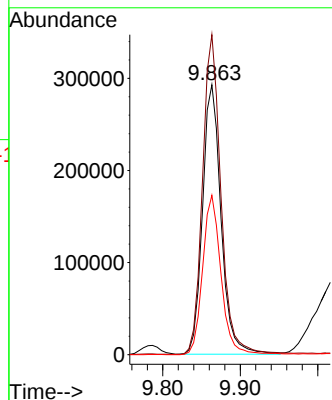
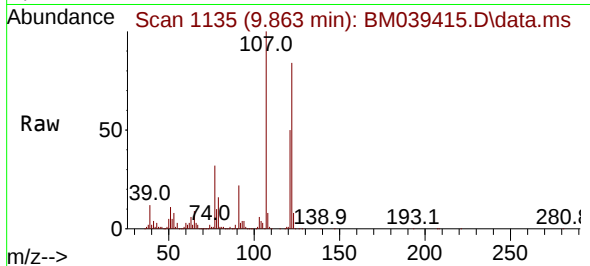




#27
2,4-Dimethylphenol
Concen: 45.769 ng
RT: 9.863 min Scan# 1127
Delta R.T. 0.006 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

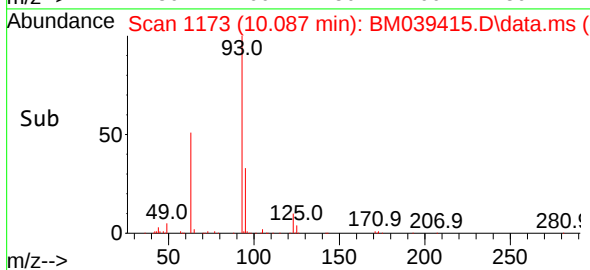
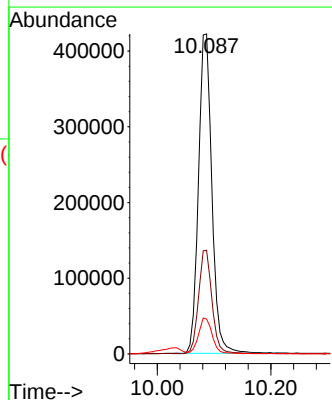
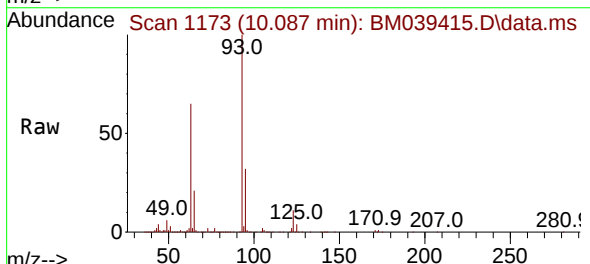
Instrument :
BNA_M
ClientSampleId :
JPP-2-040723MSD

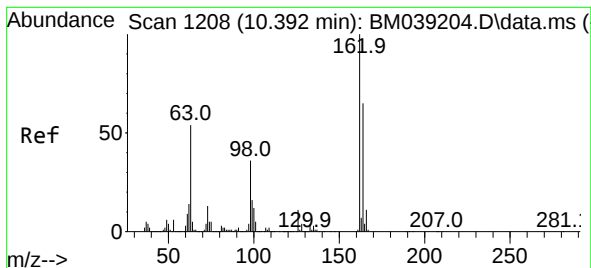
Tgt Ion:122 Resp: 485410
Ion Ratio Lower Upper
122 100
107 118.6 92.3 138.5
121 59.1 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 44.300 ng
RT: 10.087 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

Tgt Ion: 93 Resp: 694515
Ion Ratio Lower Upper
93 100
95 32.4 25.8 38.8
123 10.9 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 47.082 ng

RT: 10.334 min Scan# 1215

Delta R.T. 0.006 min

Lab File: BM039415.D

Acq: 13 Apr 2023 17:36

Instrument :

BNA_M

ClientSampleId :

JPP-2-040723MSD

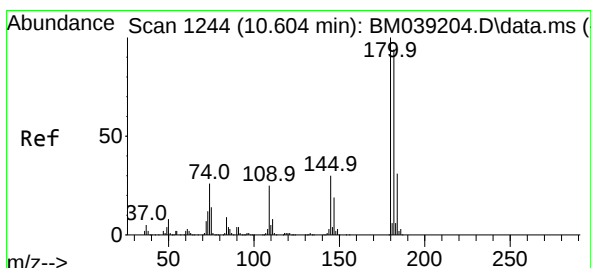
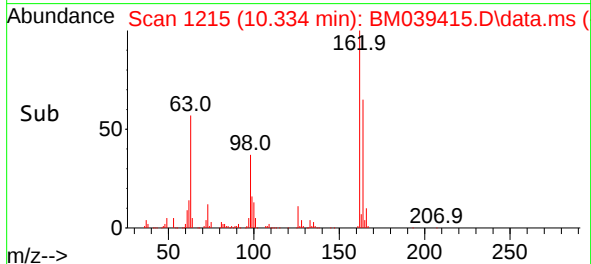
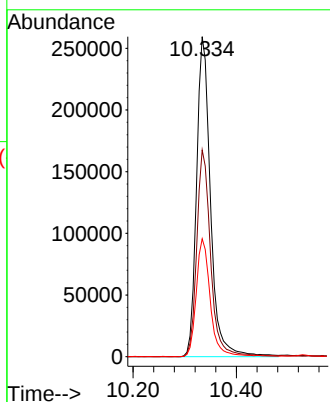
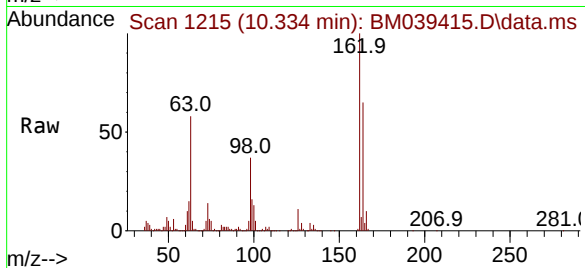
Tgt Ion:162 Resp: 487197

Ion Ratio Lower Upper

162 100

164 64.6 44.8 84.8

98 36.8 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 44.692 ng

RT: 10.528 min Scan# 1248

Delta R.T. -0.006 min

Lab File: BM039415.D

Acq: 13 Apr 2023 17:36

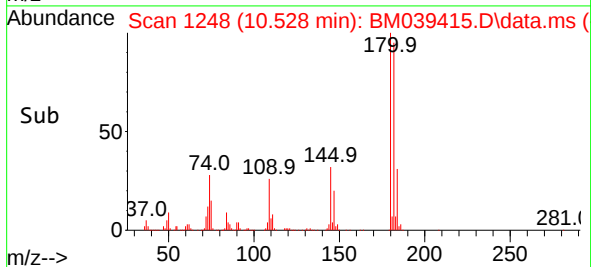
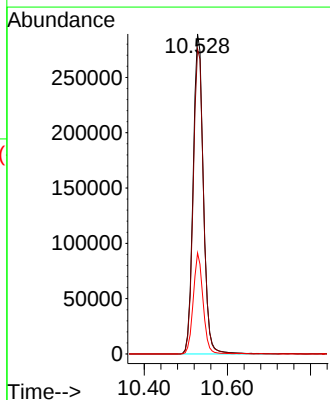
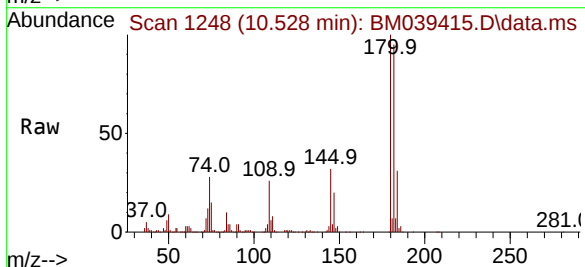
Tgt Ion:180 Resp: 494755

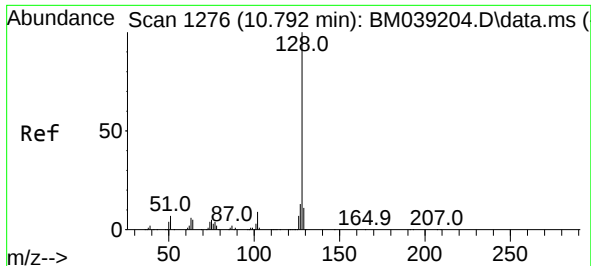
Ion Ratio Lower Upper

180 100

182 95.3 75.2 112.8

145 31.5 23.9 35.9

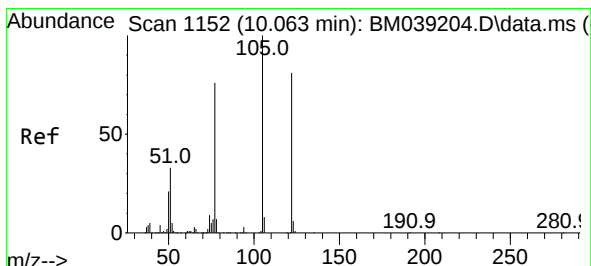
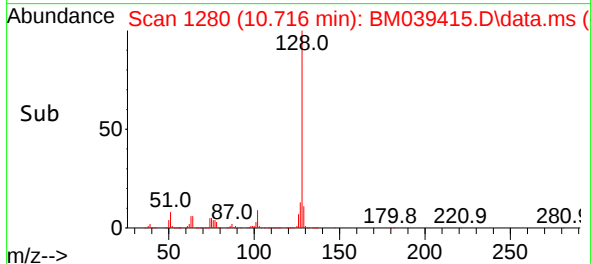
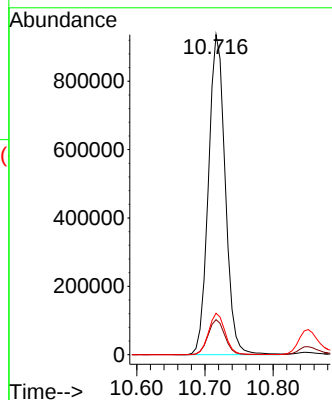
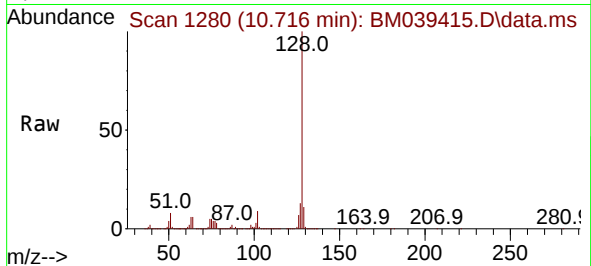




#31
Naphthalene
Concen: 44.157 ng
RT: 10.716 min Scan# 1164
Delta R.T. -0.005 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

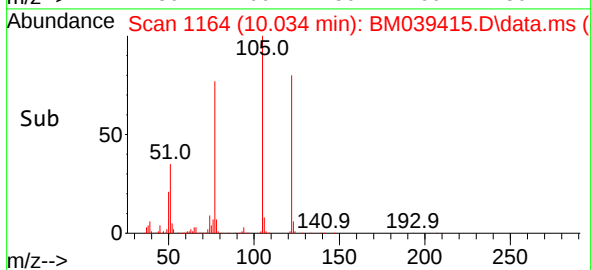
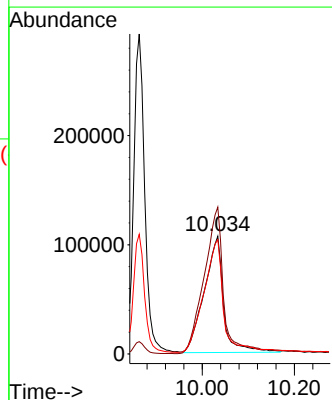
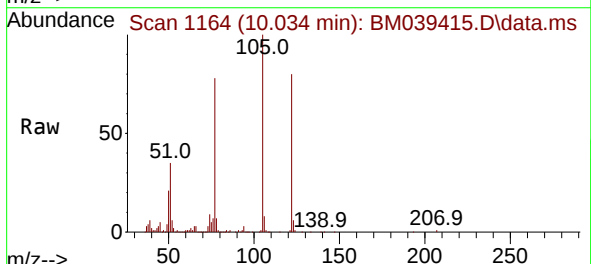
Instrument :
BNA_M
ClientSampleId :
JPP-2-040723MSD

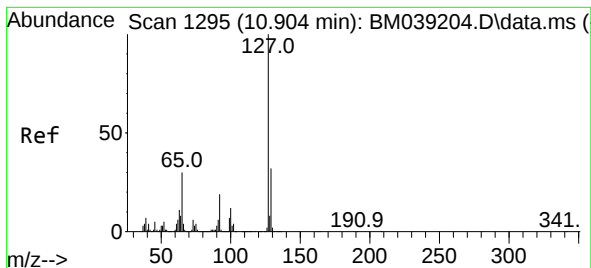
Tgt Ion:128 Resp: 1605399
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.0 10.3 15.5



#32
Benzoic acid
Concen: 37.577 ng
RT: 10.034 min Scan# 1164
Delta R.T. 0.018 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

Tgt Ion:122 Resp: 310616
Ion Ratio Lower Upper
122 100
105 124.7 103.1 143.1
77 97.0 74.6 114.6





#33

4-Chloroaniline

Concen: 10.934 ng

RT: 10.851 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM039415.D

Acq: 13 Apr 2023 17:36

Instrument :

BNA_M

ClientSampleId :

JPP-2-040723MSD

Tgt Ion:127 Resp: 174151

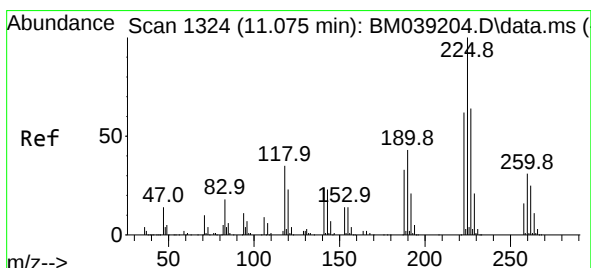
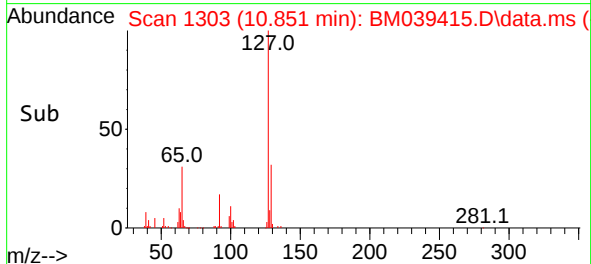
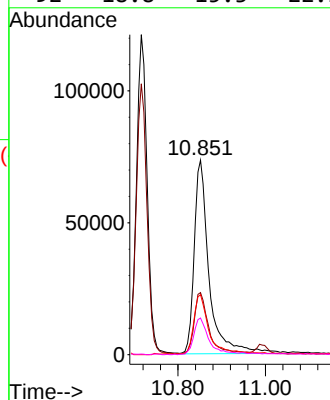
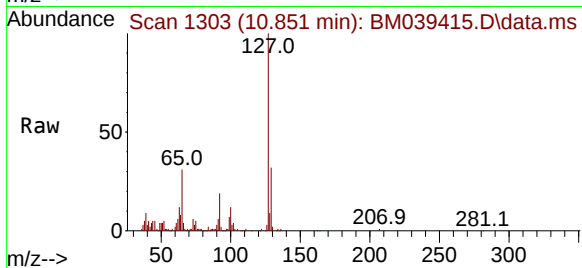
Ion Ratio Lower Upper

127 100

129 31.9 25.7 38.5

65 30.9 24.1 36.1

92 18.8 15.3 22.9



#34

Hexachlorobutadiene

Concen: 43.273 ng

RT: 10.993 min Scan# 1327

Delta R.T. -0.011 min

Lab File: BM039415.D

Acq: 13 Apr 2023 17:36

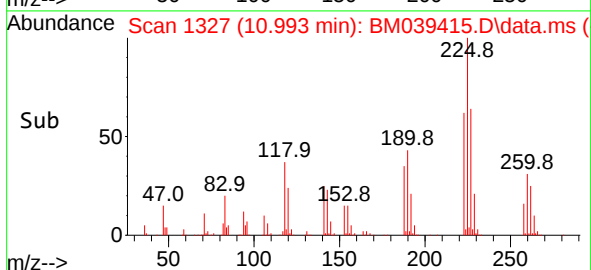
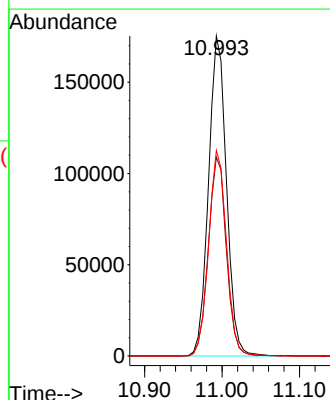
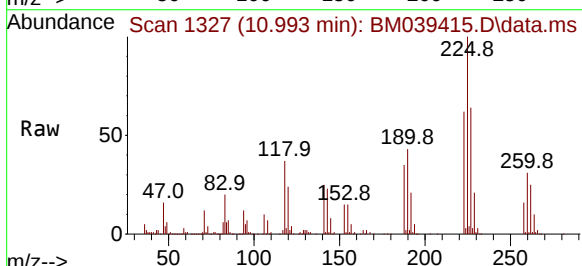
Tgt Ion:225 Resp: 281683

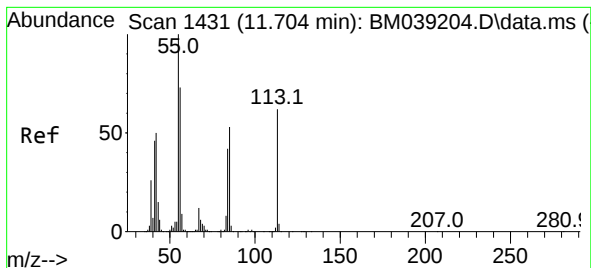
Ion Ratio Lower Upper

225 100

223 62.1 49.8 74.6

227 64.2 51.6 77.4





#35

Caprolactam

Concen: 39.341 ng

RT: 11.646 min Scan# 1431

Delta R.T. -0.005 min

Lab File: BM039415.D

Acq: 13 Apr 2023 17:36

Instrument :

BNA_M

ClientSampleId :

JPP-2-040723MSD

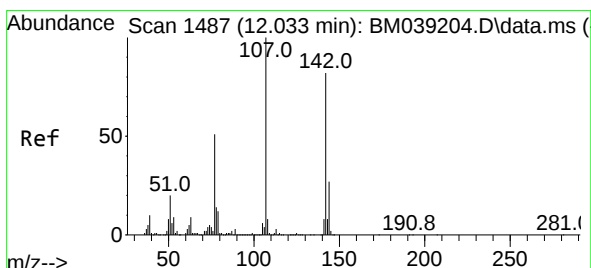
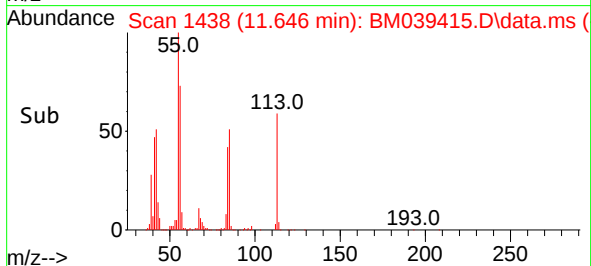
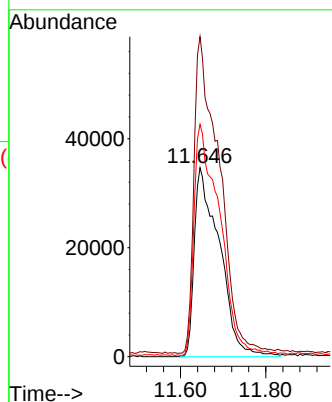
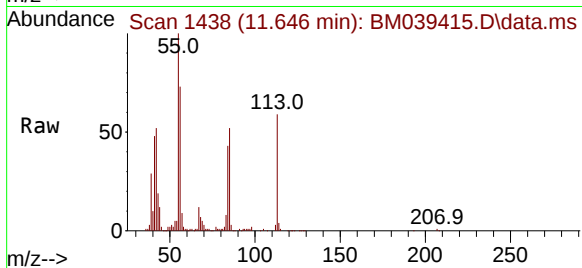
Tgt Ion:113 Resp: 141350

Ion Ratio Lower Upper

113 100

55 169.3 141.8 181.8

56 123.0 98.3 138.3



#36

4-Chloro-3-methylphenol

Concen: 47.821 ng

RT: 11.993 min Scan# 1497

Delta R.T. 0.018 min

Lab File: BM039415.D

Acq: 13 Apr 2023 17:36

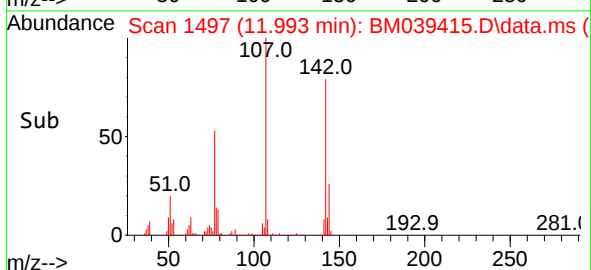
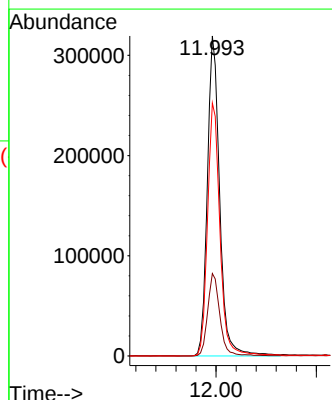
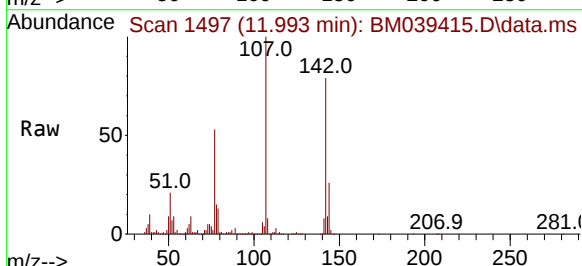
Tgt Ion:107 Resp: 545959

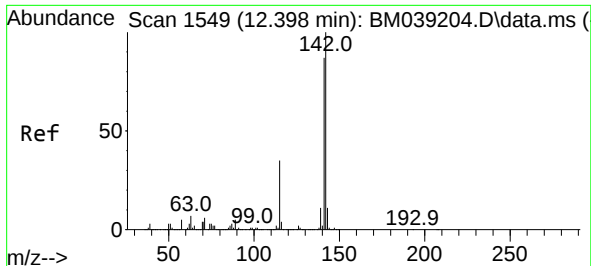
Ion Ratio Lower Upper

107 100

144 25.8 21.4 32.2

142 79.1 65.2 97.8

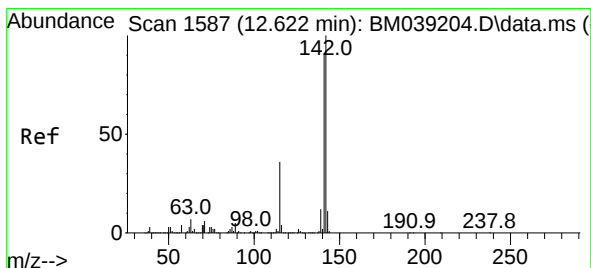
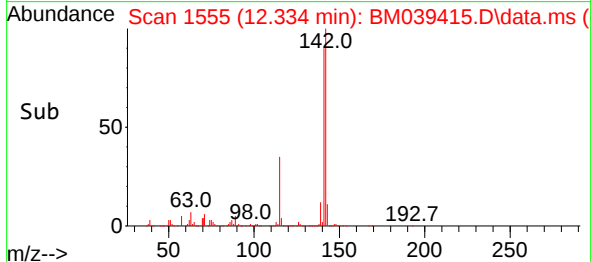
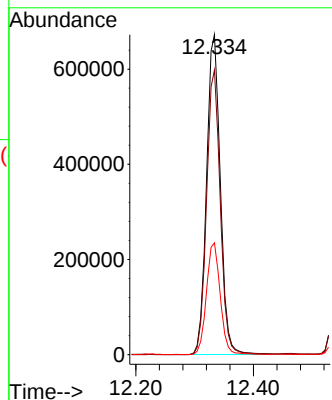
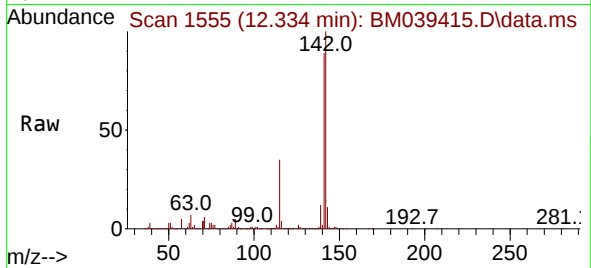




#37
2-Methylnaphthalene
Concen: 43.212 ng
RT: 12.334 min Scan# 1555
Delta R.T. -0.005 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

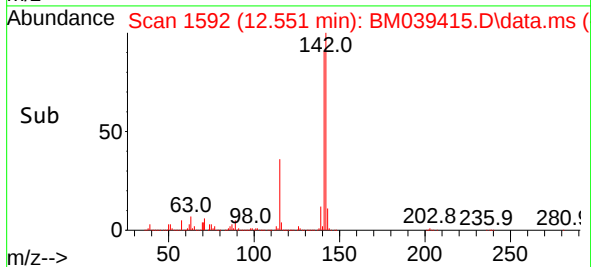
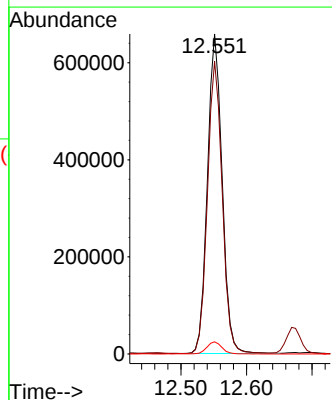
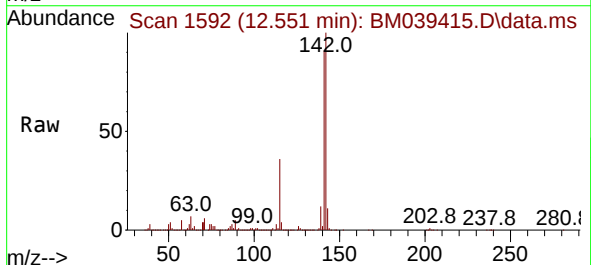
Instrument :
BNA_M
ClientSampleId :
JPP-2-040723MSD

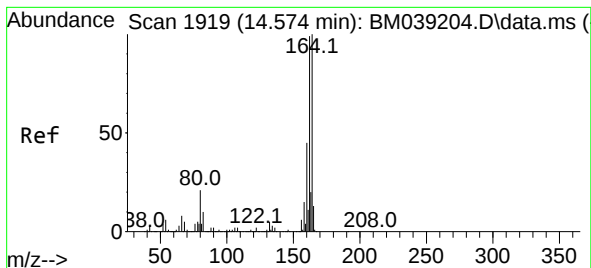
Tgt Ion:142 Resp: 1093678
Ion Ratio Lower Upper
142 100
141 89.0 69.8 104.8
115 35.0 27.8 41.8



#38
1-Methylnaphthalene
Concen: 43.471 ng
RT: 12.551 min Scan# 1592
Delta R.T. -0.005 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

Tgt Ion:142 Resp: 1030202
Ion Ratio Lower Upper
142 100
141 91.4 73.2 109.8
116 3.8 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.516 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BM039415.D

Acq: 13 Apr 2023 17:36

Instrument :

BNA_M

ClientSampleId :

JPP-2-040723MSD

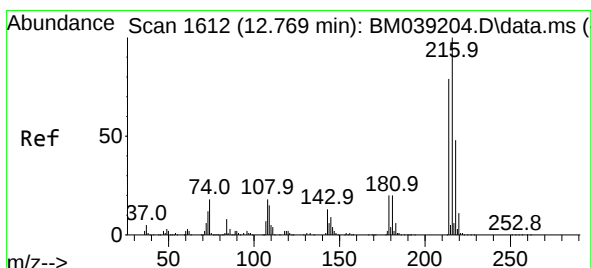
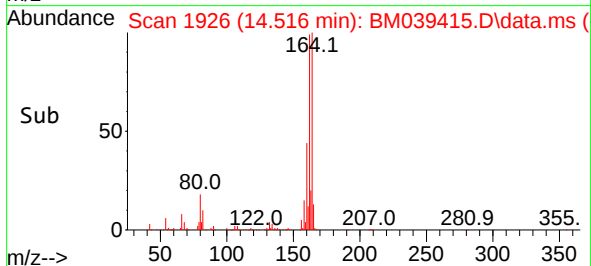
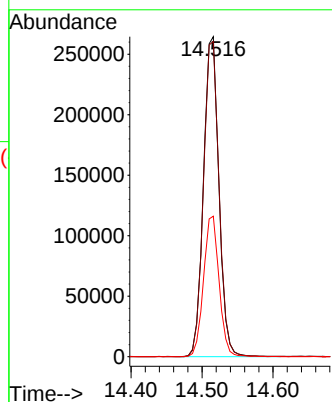
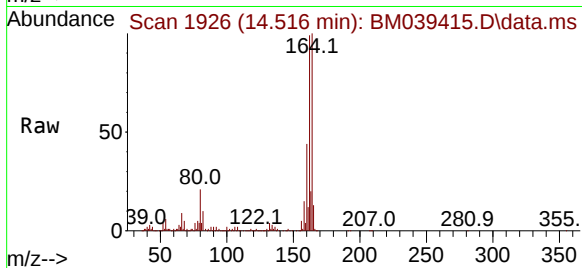
Tgt Ion:164 Resp: 400112

Ion Ratio Lower Upper

164 100

162 98.5 79.1 118.7

160 43.9 35.8 53.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.495 ng

RT: 12.698 min Scan# 1617

Delta R.T. -0.005 min

Lab File: BM039415.D

Acq: 13 Apr 2023 17:36

Tgt Ion:216 Resp: 554224

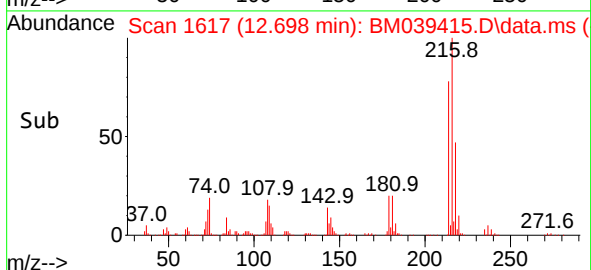
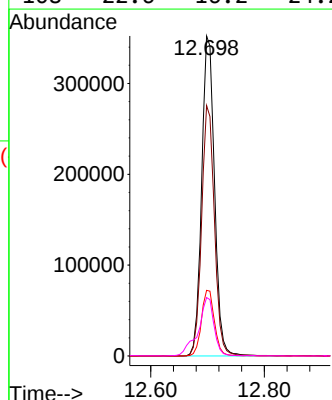
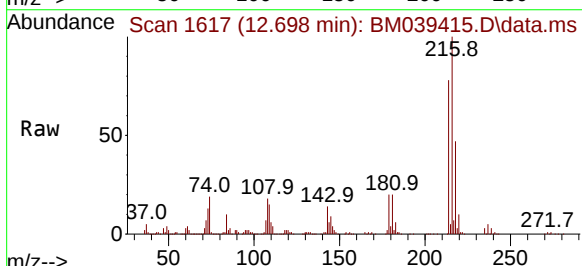
Ion Ratio Lower Upper

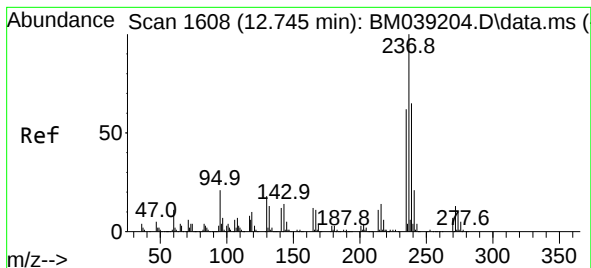
216 100

214 78.0 62.8 94.2

179 20.7 16.8 25.2

108 22.6 16.2 24.2





#41

Hexachlorocyclopentadiene

Concen: 99.656 ng

RT: 12.675 min Scan# 1

Delta R.T. -0.005 min

Lab File: BM039415.D

Acq: 13 Apr 2023 17:36

Instrument :

BNA_M

ClientSampleId :

JPP-2-040723MSD

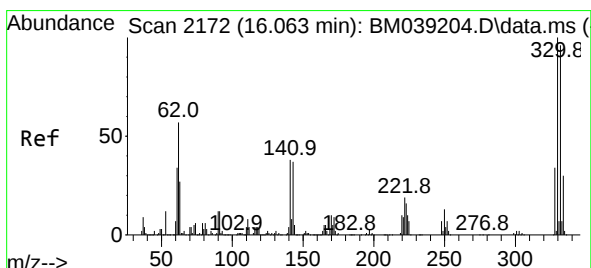
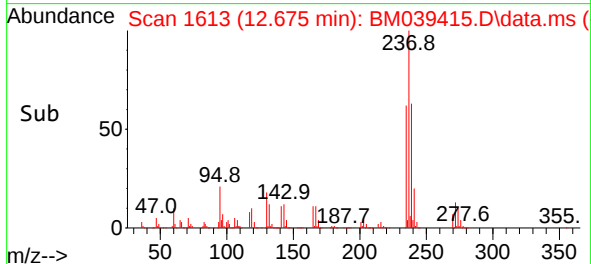
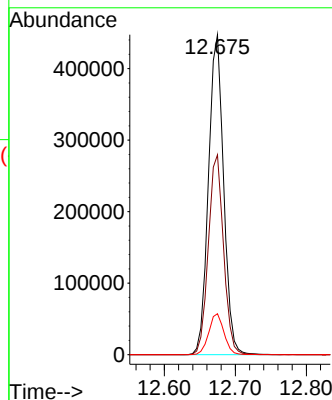
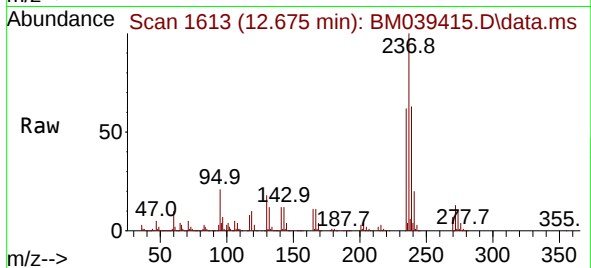
Tgt Ion:237 Resp: 663229

Ion Ratio Lower Upper

237 100

235 62.4 41.6 81.6

272 12.8 0.0 33.2



#42

2,4,6-Tribromophenol

Concen: 134.385 ng

RT: 16.010 min Scan# 2180

Delta R.T. -0.006 min

Lab File: BM039415.D

Acq: 13 Apr 2023 17:36

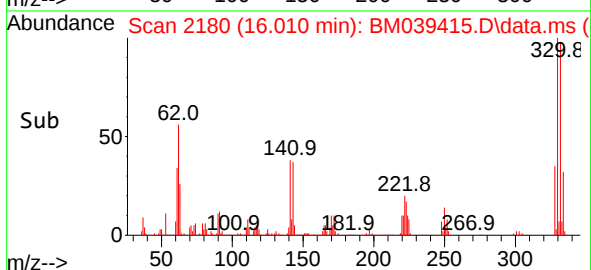
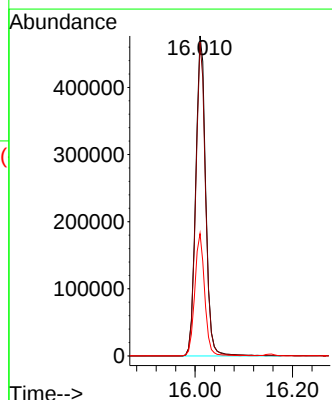
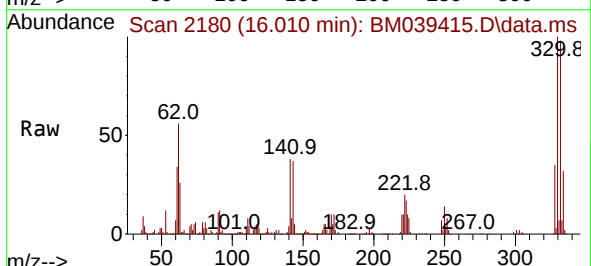
Tgt Ion:330 Resp: 682545

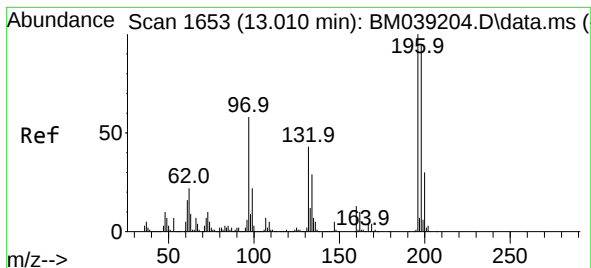
Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.0

141 37.7 29.8 44.6





#43

2,4,6-Trichlorophenol

Concen: 46.529 ng

RT: 12.957 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM039415.D

Acq: 13 Apr 2023 17:36

Instrument :

BNA_M

ClientSampleId :

JPP-2-040723MSD

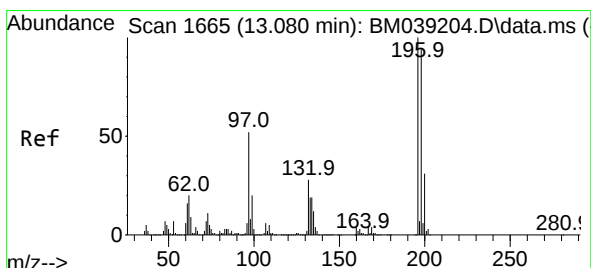
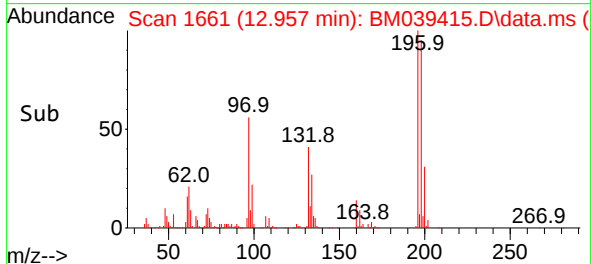
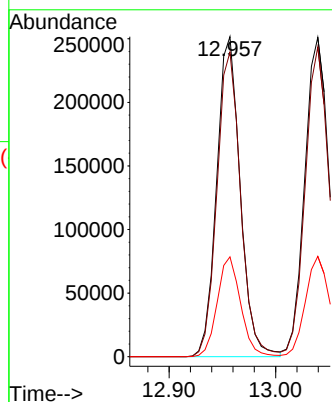
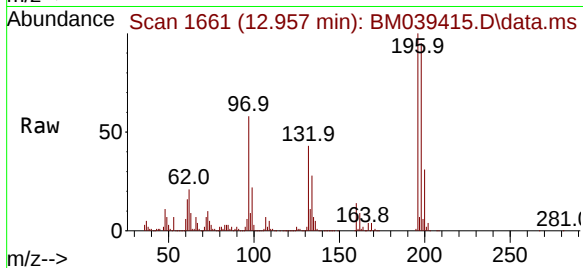
Tgt Ion:196 Resp: 386560

Ion Ratio Lower Upper

196 100

198 95.2 76.2 114.2

200 31.2 24.2 36.2



#44

2,4,5-Trichlorophenol

Concen: 43.851 ng

RT: 13.040 min Scan# 1675

Delta R.T. 0.012 min

Lab File: BM039415.D

Acq: 13 Apr 2023 17:36

Tgt Ion:196 Resp: 427088

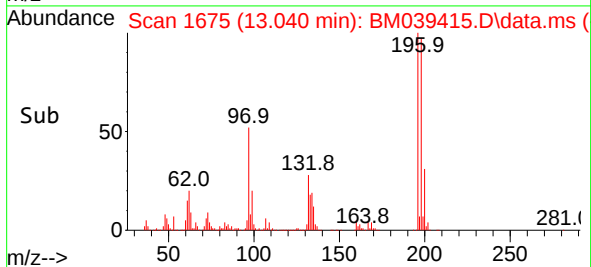
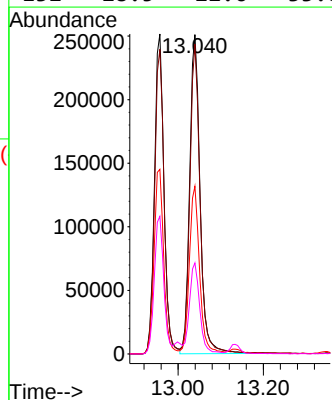
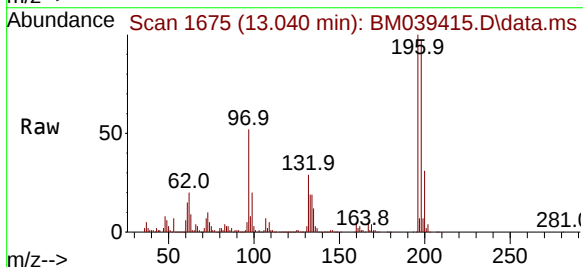
Ion Ratio Lower Upper

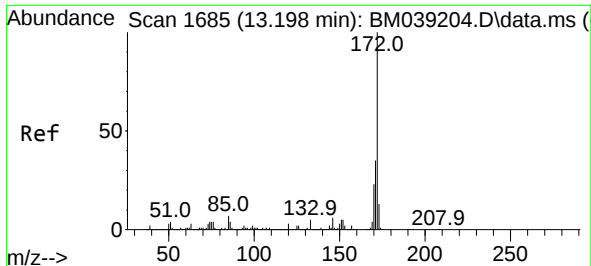
196 100

198 97.0 75.2 112.8

97 52.5 41.4 62.0

132 28.5 22.6 33.8

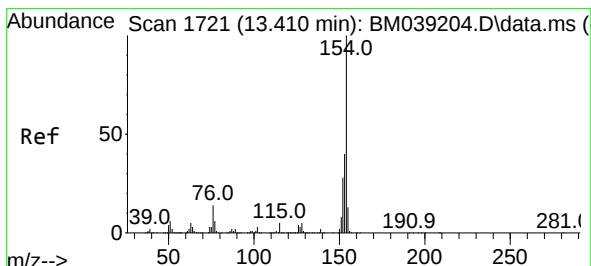
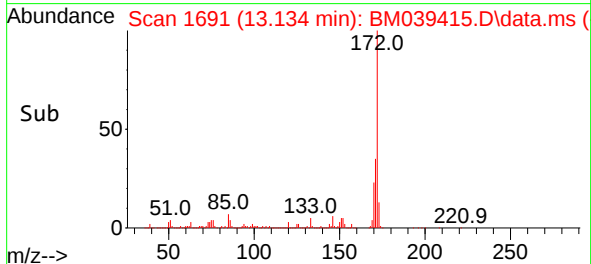
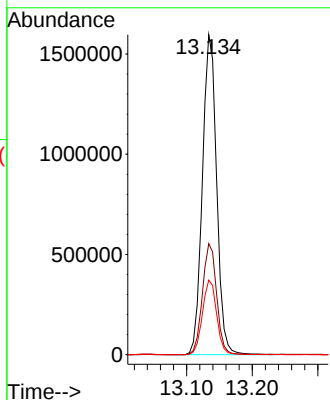
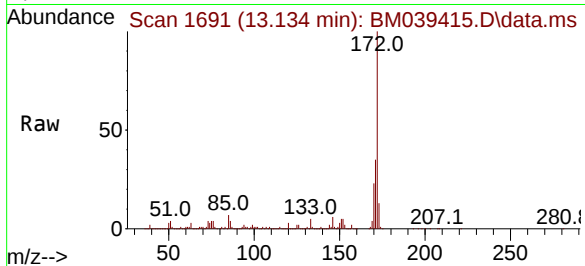




#45
2-Fluorobiphenyl
Concen: 81.851 ng
RT: 13.134 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

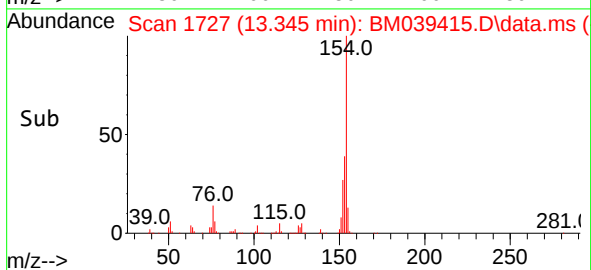
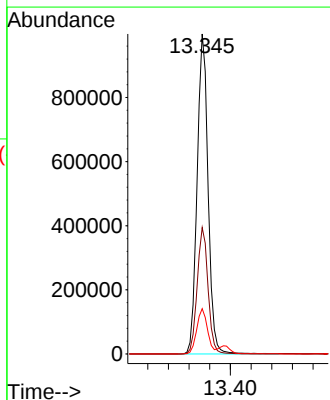
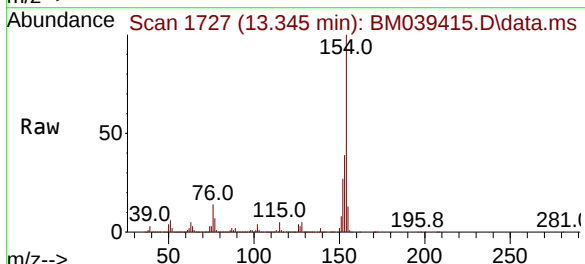
Instrument :
BNA_M
ClientSampleId :
JPP-2-040723MSD

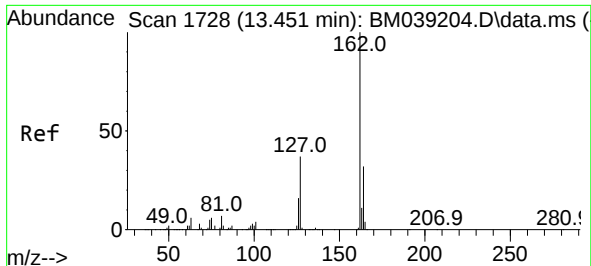
Tgt Ion:172 Resp: 2417088
Ion Ratio Lower Upper
172 100
171 34.7 28.0 42.0
170 23.3 18.7 28.1



#46
1,1'-Biphenyl
Concen: 46.400 ng
RT: 13.345 min Scan# 1727
Delta R.T. -0.006 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

Tgt Ion:154 Resp: 1466048
Ion Ratio Lower Upper
154 100
153 39.5 19.9 59.9
76 14.2 0.0 33.5

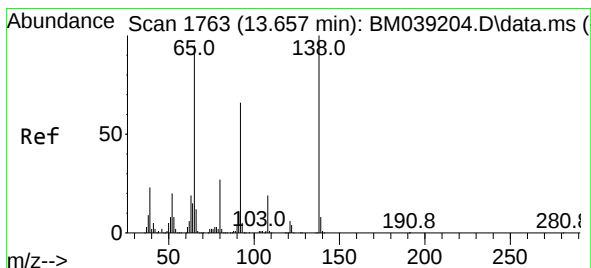
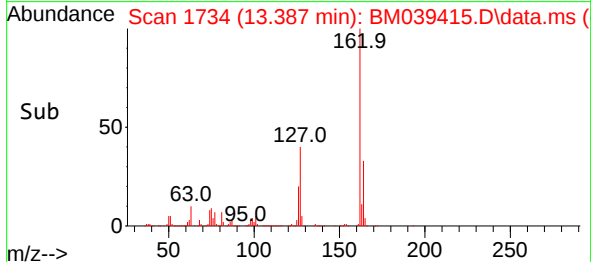
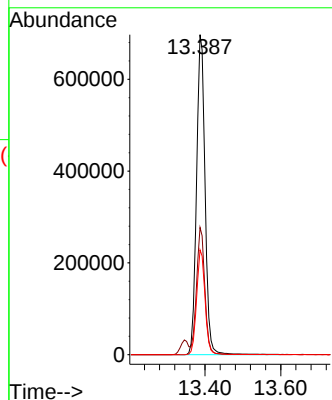
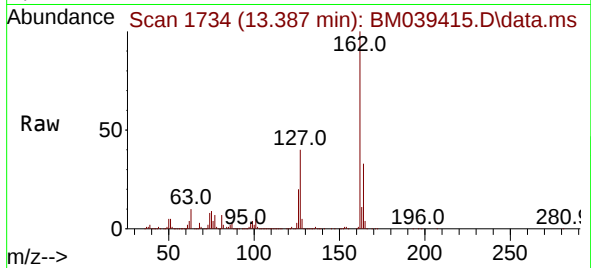




#47
2-Chloronaphthalene
Concen: 45.848 ng
RT: 13.387 min Scan# 1728
Delta R.T. -0.005 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

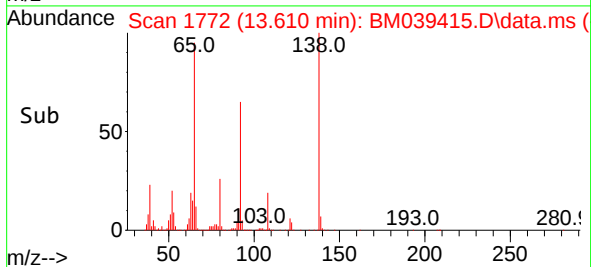
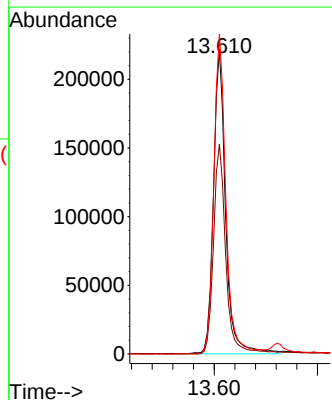
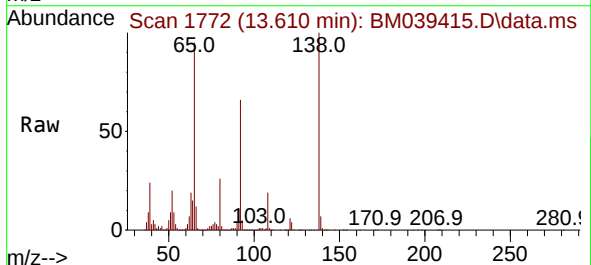
Instrument :
BNA_M
ClientSampleId :
JPP-2-040723MSD

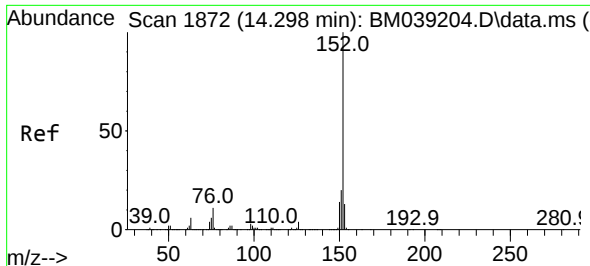
Tgt Ion:162 Resp: 1096852
Ion Ratio Lower Upper
162 100
127 39.8 31.4 47.0
164 32.8 25.7 38.5



#48
2-Nitroaniline
Concen: 44.808 ng
RT: 13.610 min Scan# 1772
Delta R.T. 0.000 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

Tgt Ion: 65 Resp: 360734
Ion Ratio Lower Upper
65 100
92 68.8 55.7 83.5
138 105.0 84.5 126.7

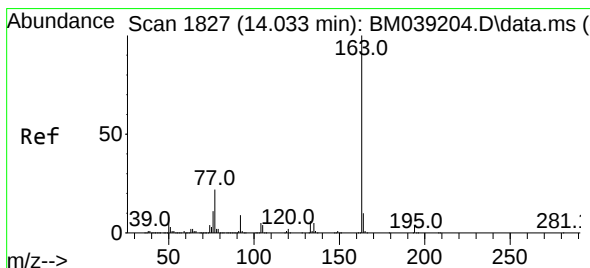
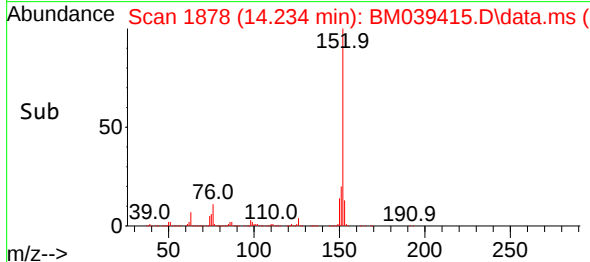
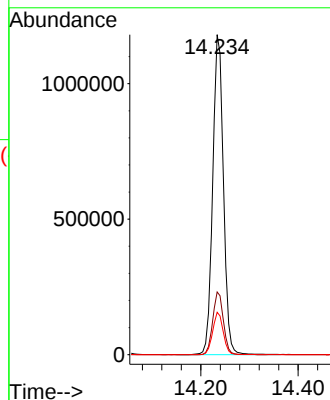
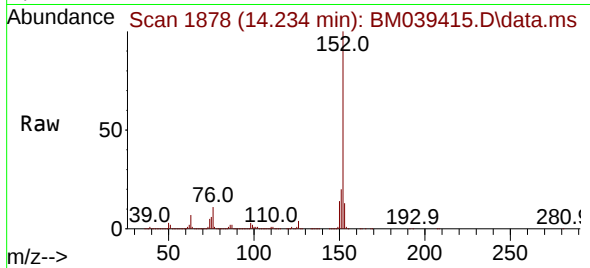




#49
Acenaphthylene
Concen: 45.559 ng
RT: 14.234 min Scan# 1878
Delta R.T. -0.005 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

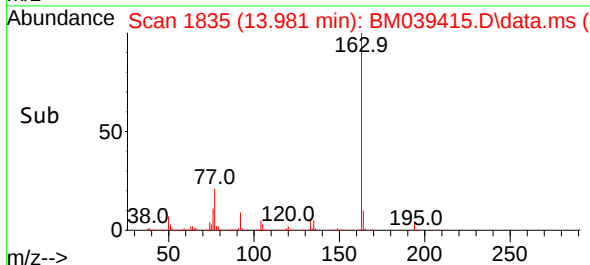
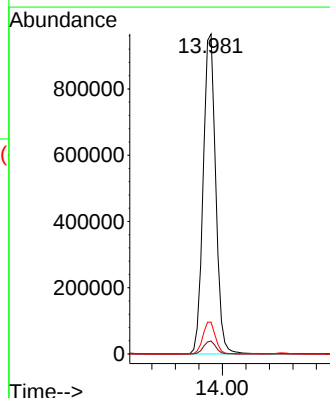
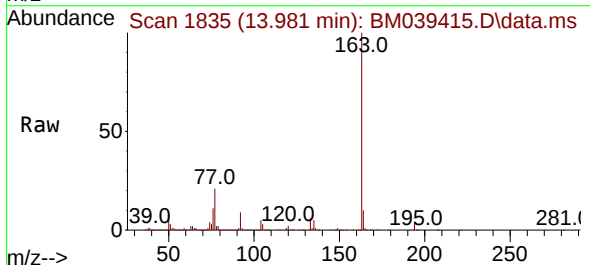
Instrument :
BNA_M
ClientSampleId :
JPP-2-040723MSD

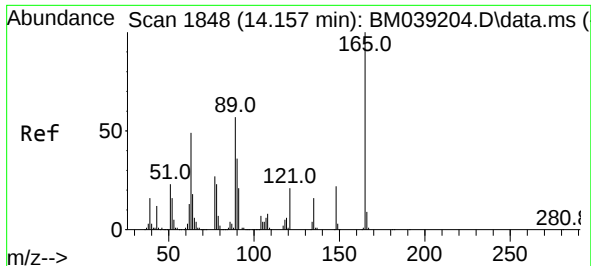
Tgt Ion:152 Resp: 1791362
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.2 10.3 15.5



#50
Dimethylphthalate
Concen: 46.231 ng
RT: 13.981 min Scan# 1835
Delta R.T. 0.000 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

Tgt Ion:163 Resp: 1425539
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.0 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 46.829 ng

RT: 14.104 min Scan# 1856

Delta R.T. 0.000 min

Lab File: BM039415.D

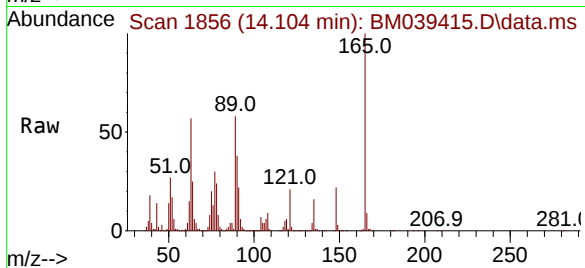
Acq: 13 Apr 2023 17:36

Instrument :

BNA_M

ClientSampleId :

JPP-2-040723MSD



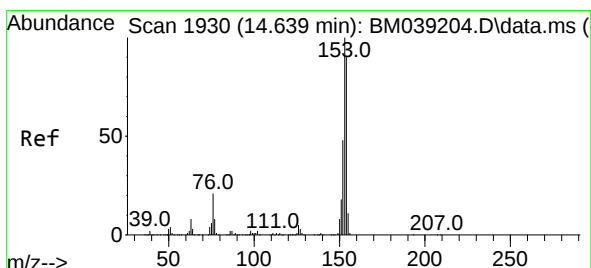
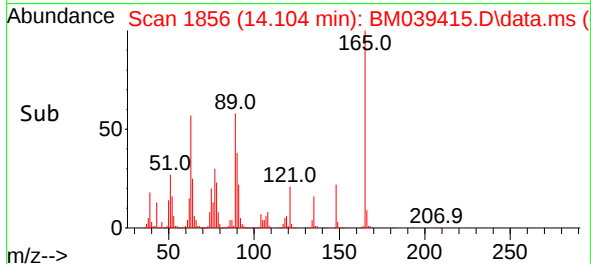
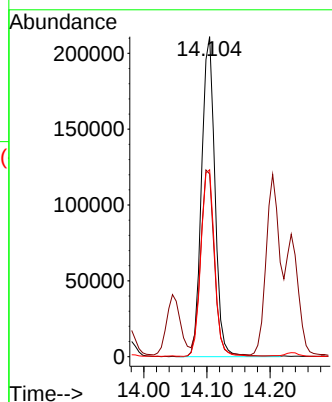
Tgt Ion:165 Resp: 310524

Ion Ratio Lower Upper

165 100

63 57.1 44.9 67.3

89 58.4 45.4 68.0



#52

Acenaphthene

Concen: 45.780 ng

RT: 14.575 min Scan# 1936

Delta R.T. -0.011 min

Lab File: BM039415.D

Acq: 13 Apr 2023 17:36

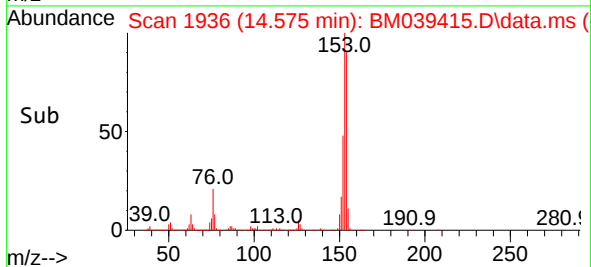
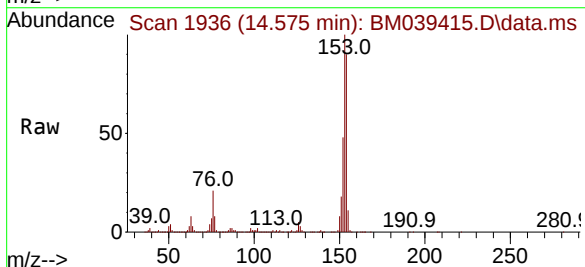
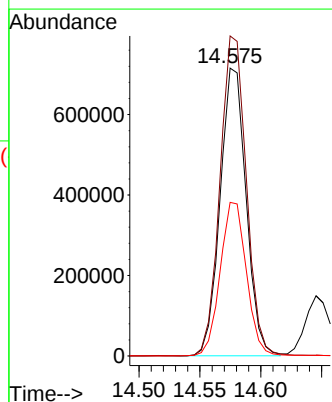
Tgt Ion:154 Resp: 1062887

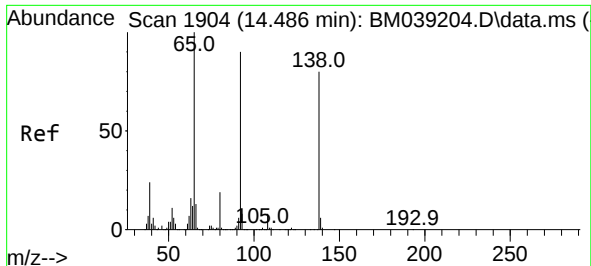
Ion Ratio Lower Upper

154 100

153 111.1 89.1 133.7

152 53.4 42.6 64.0

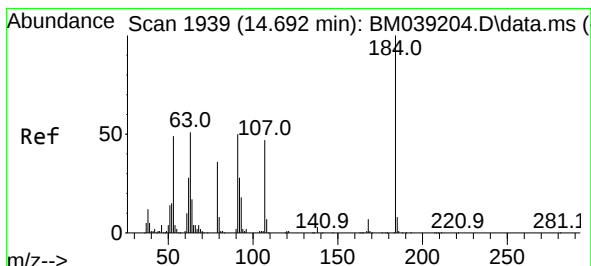
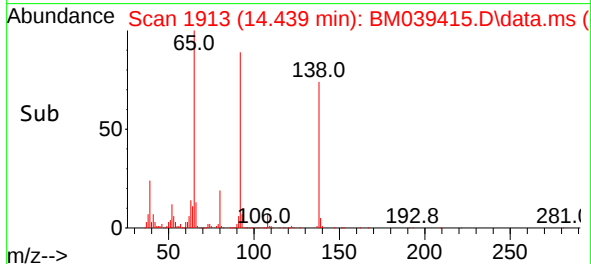
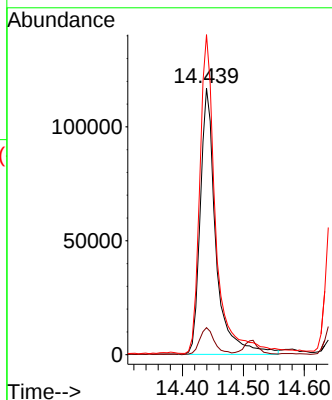
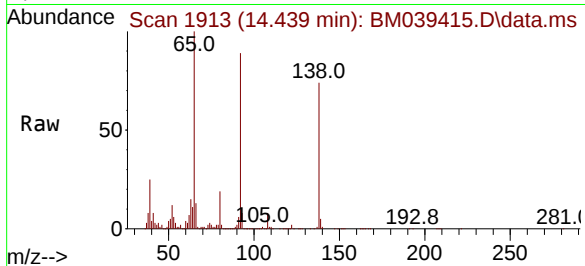




#53
3-Nitroaniline
Concen: 27.243 ng
RT: 14.439 min Scan# 1904
Delta R.T. 0.000 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

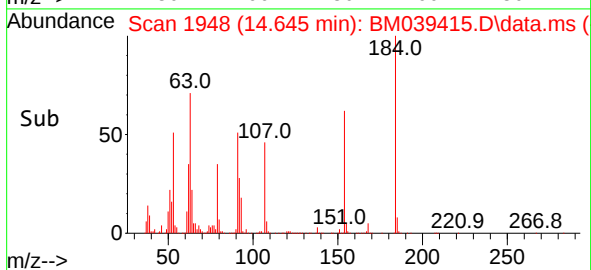
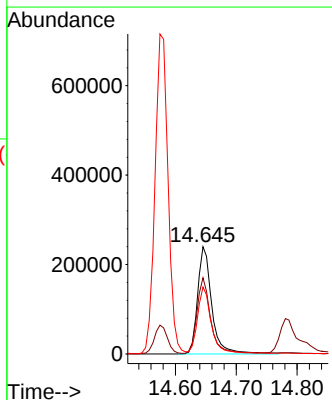
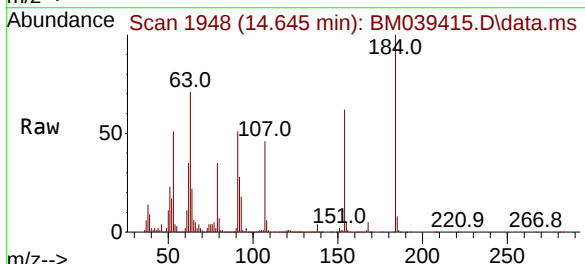
Instrument :
BNA_M
ClientSampleId :
JPP-2-040723MSD

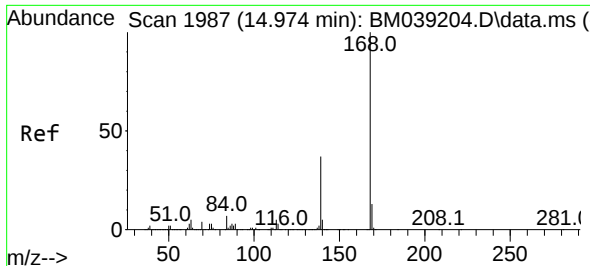
Tgt Ion:138 Resp: 208839
Ion Ratio Lower Upper
138 100
108 10.1 8.0 12.0
92 120.1 90.8 136.2



#54
2,4-Dinitrophenol
Concen: 98.802 ng
RT: 14.645 min Scan# 1948
Delta R.T. -0.005 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

Tgt Ion:184 Resp: 387993
Ion Ratio Lower Upper
184 100
63 71.0 56.4 84.6
154 62.5 48.7 73.1

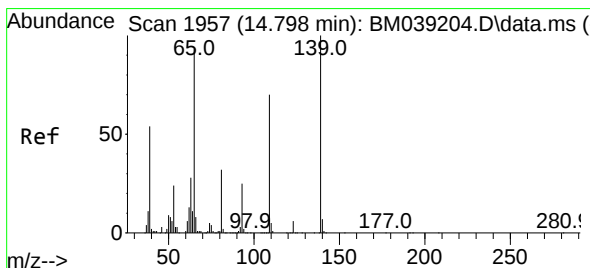
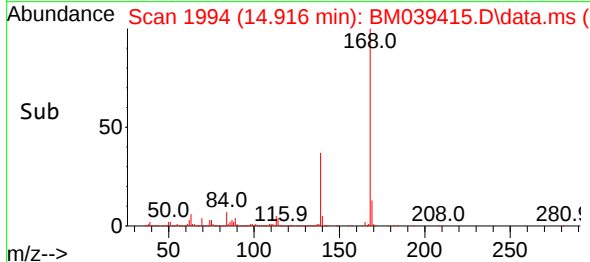
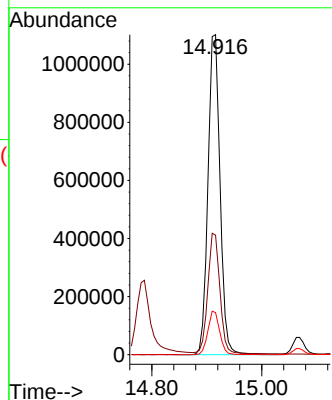
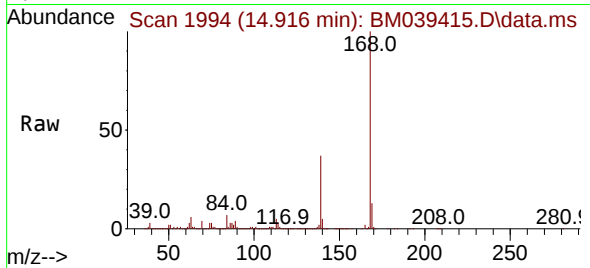




#55
Dibenzenofuran
Concen: 44.867 ng
RT: 14.916 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

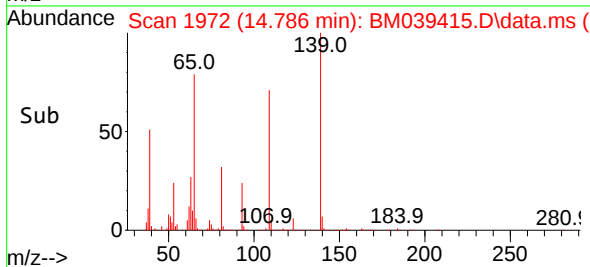
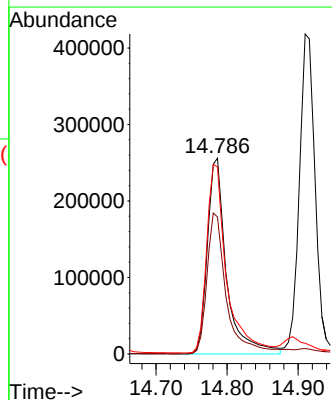
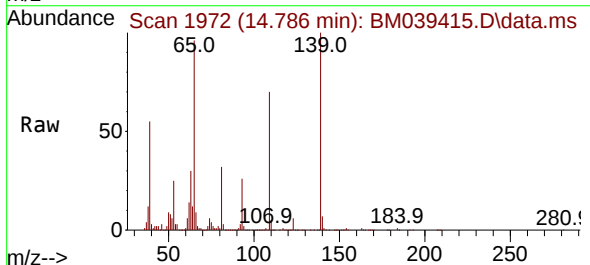
Instrument :
BNA_M
ClientSampleId :
JPP-2-040723MSD

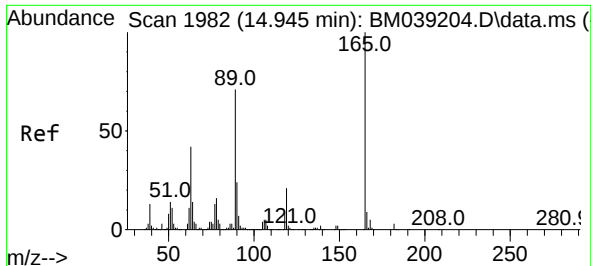
Tgt Ion:168 Resp: 1677070
Ion Ratio Lower Upper
168 100
139 37.4 29.4 44.2
169 13.1 10.6 15.8



#56
4-Nitrophenol
Concen: 81.500 ng
RT: 14.786 min Scan# 1972
Delta R.T. 0.030 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

Tgt Ion:139 Resp: 481764
Ion Ratio Lower Upper
139 100
109 69.9 49.6 89.6
65 95.5 72.9 112.9





#57

2,4-Dinitrotoluene

Concen: 48.884 ng

RT: 14.892 min Scan# 1982

Delta R.T. 0.000 min

Lab File: BM039415.D

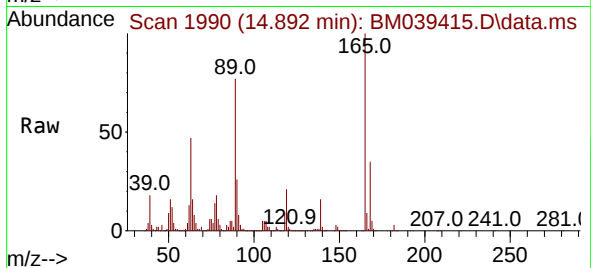
Acq: 13 Apr 2023 17:36

Instrument :

BNA_M

ClientSampleId :

JPP-2-040723MSD



Tgt Ion:165 Resp: 438502

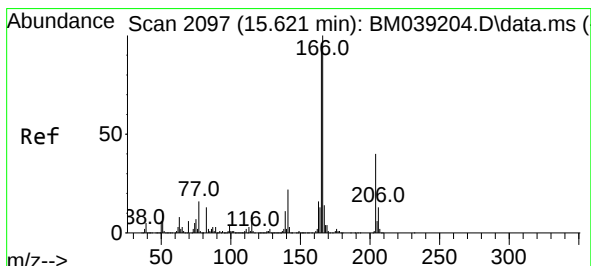
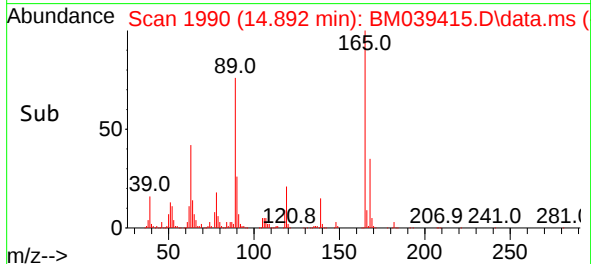
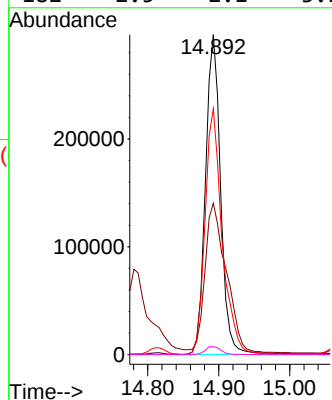
Ion Ratio Lower Upper

165 100

63 47.4 33.5 50.3

89 76.9 56.7 85.1

182 2.5 2.1 3.1



#58

Fluorene

Concen: 46.295 ng

RT: 15.563 min Scan# 2104

Delta R.T. -0.005 min

Lab File: BM039415.D

Acq: 13 Apr 2023 17:36

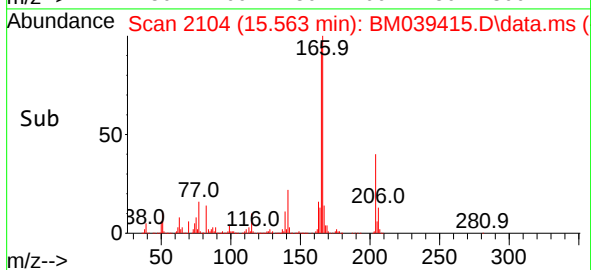
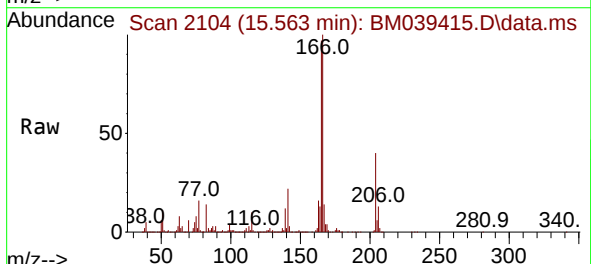
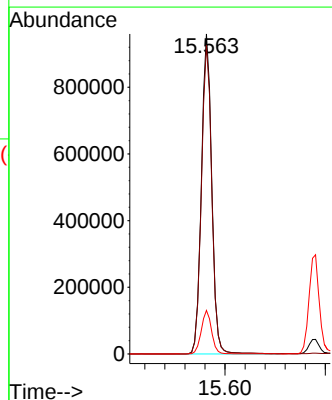
Tgt Ion:166 Resp: 1370271

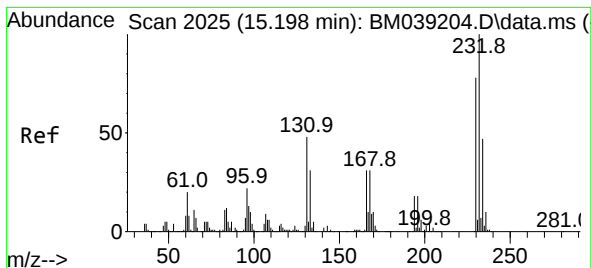
Ion Ratio Lower Upper

166 100

165 96.6 76.9 115.3

167 13.6 10.8 16.2

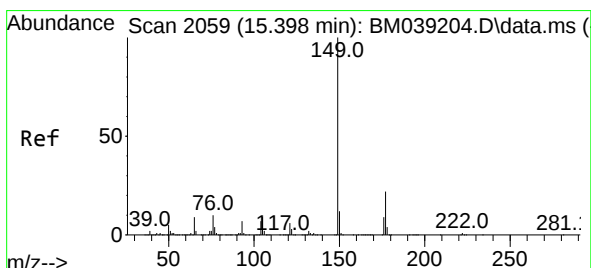
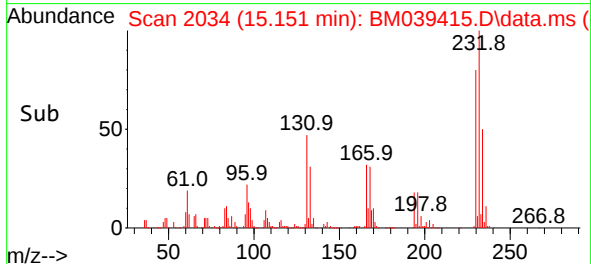
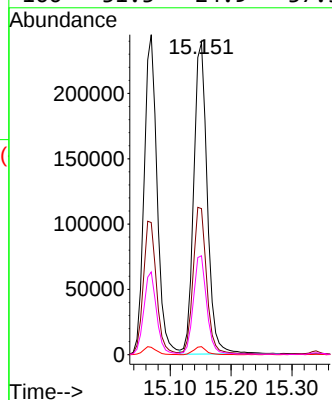
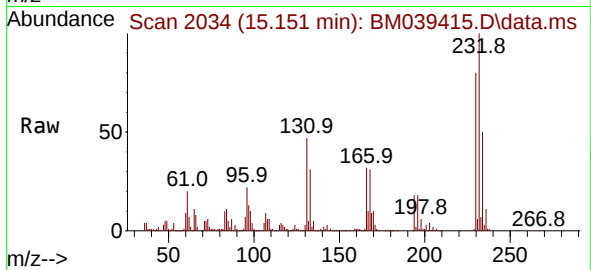




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.557 ng
RT: 15.151 min Scan# 2065
Delta R.T. 0.000 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

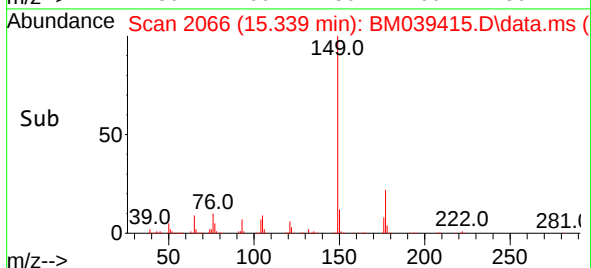
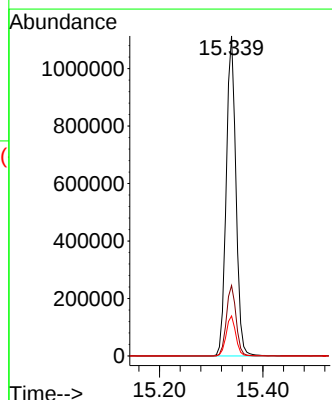
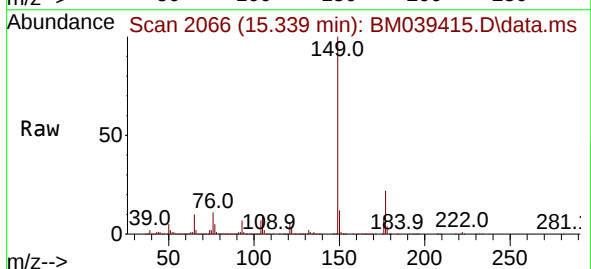
Instrument :
BNA_M
ClientSampleId :
JPP-2-040723MSD

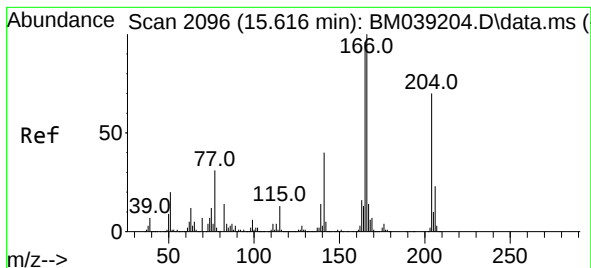
Tgt Ion:232 Resp: 368480
Ion Ratio Lower Upper
232 100
131 47.5 37.7 56.5
130 2.5 1.9 2.9
166 31.3 24.9 37.3



#60
Diethylphthalate
Concen: 46.544 ng
RT: 15.339 min Scan# 2066
Delta R.T. -0.005 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

Tgt Ion:149 Resp: 1444587
Ion Ratio Lower Upper
149 100
177 22.0 17.7 26.5
150 12.5 9.8 14.6

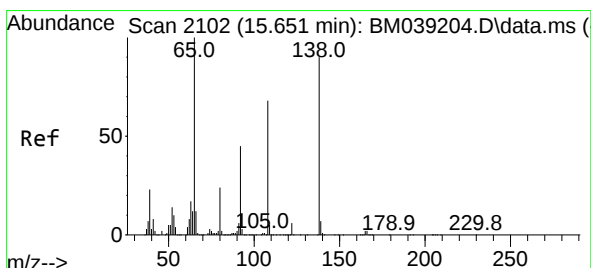
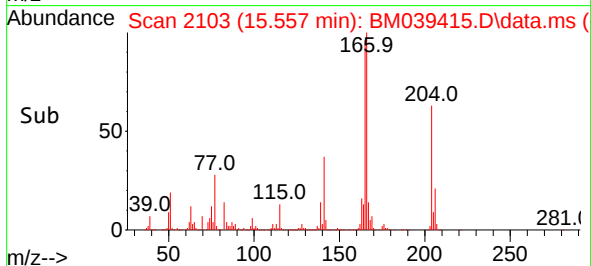
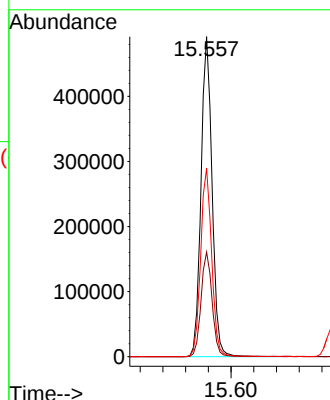
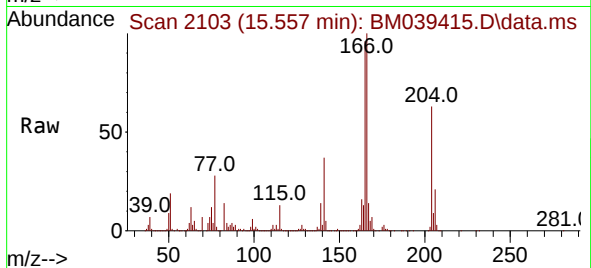




#61
4-Chlorophenyl-phenylether
Concen: 45.294 ng
RT: 15.557 min Scan# 2110
Delta R.T. -0.005 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

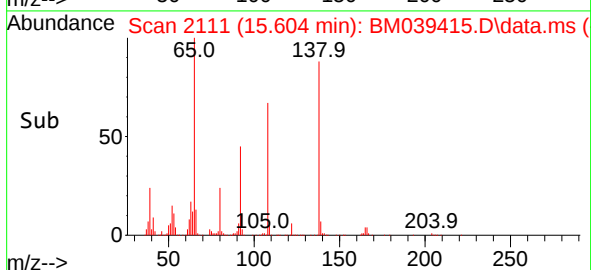
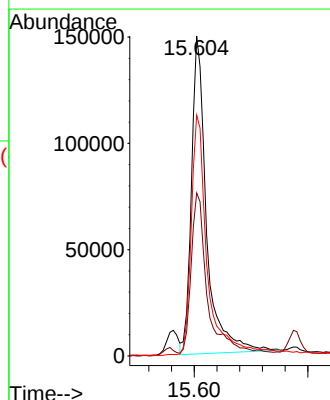
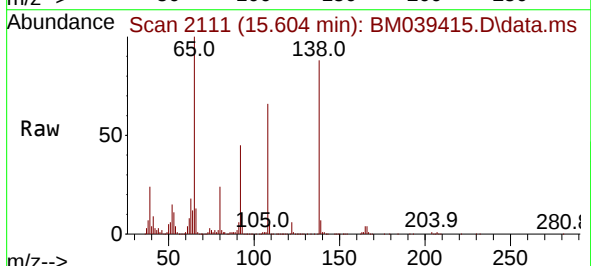
Instrument :
BNA_M
ClientSampleId :
JPP-2-040723MSD

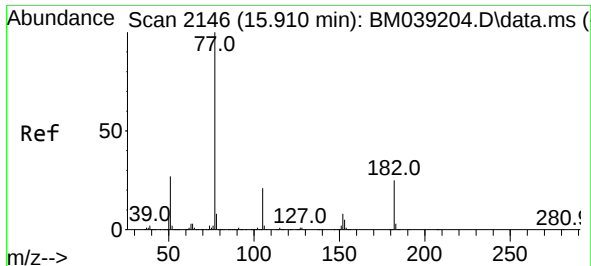
Tgt Ion:204 Resp: 664422
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 58.9 45.8 68.6



#62
4-Nitroaniline
Concen: 35.194 ng
RT: 15.604 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

Tgt Ion:138 Resp: 276856
Ion Ratio Lower Upper
138 100
92 51.0 30.5 70.5
108 75.2 55.5 95.5

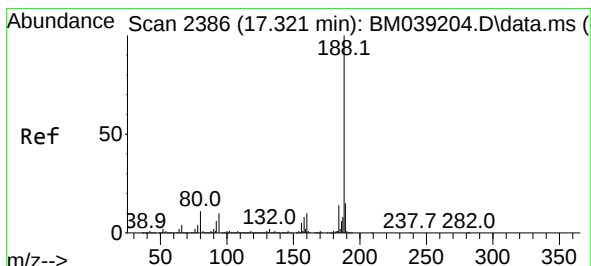
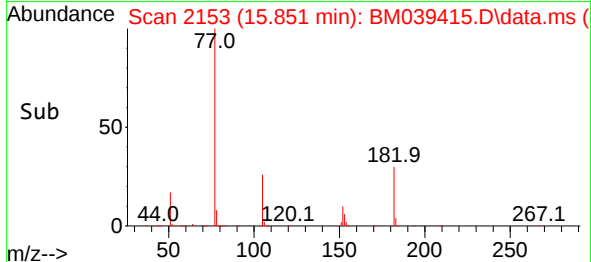
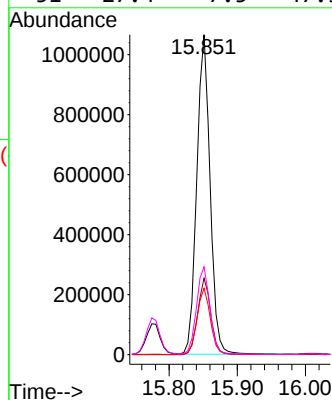
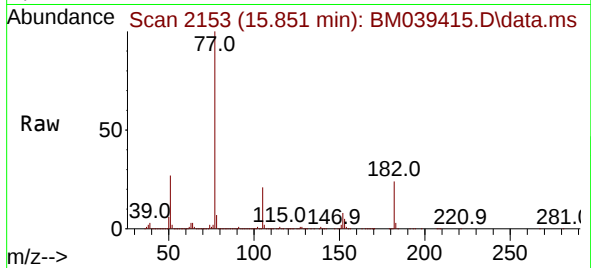




#63
Azobenzene
Concen: 46.169 ng
RT: 15.851 min Scan# 2146
Delta R.T. -0.005 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

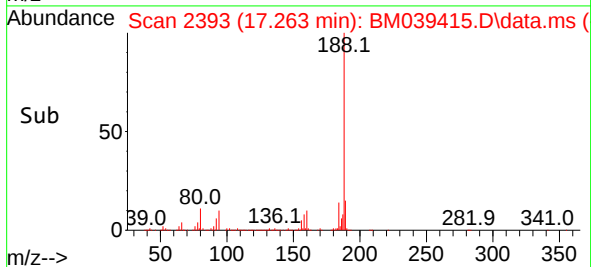
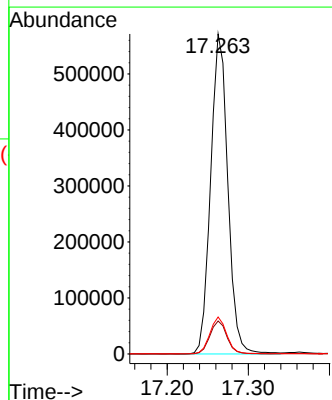
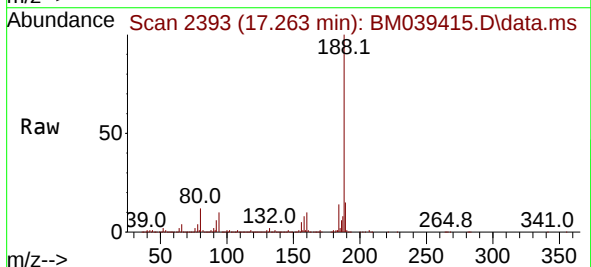
Instrument :
BNA_M
ClientSampleId :
JPP-2-040723MSD

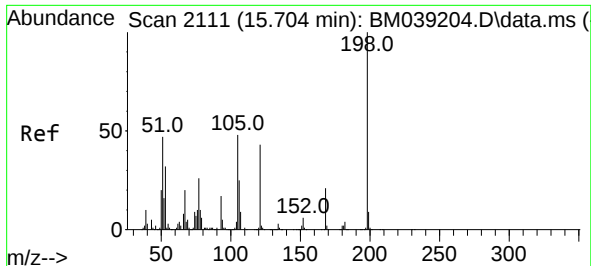
Tgt Ion: 77 Resp: 1435641
Ion Ratio Lower Upper
77 100
182 23.9 4.8 44.8
105 20.7 1.4 41.4
51 27.4 7.5 47.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2393
Delta R.T. -0.005 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

Tgt Ion:188 Resp: 840029
Ion Ratio Lower Upper
188 100
94 10.3 8.2 12.4
80 11.5 8.9 13.3

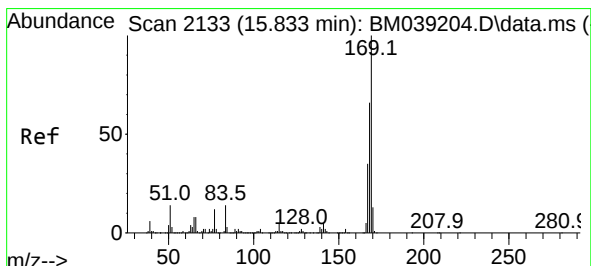
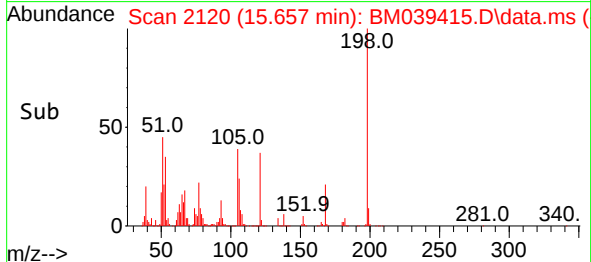
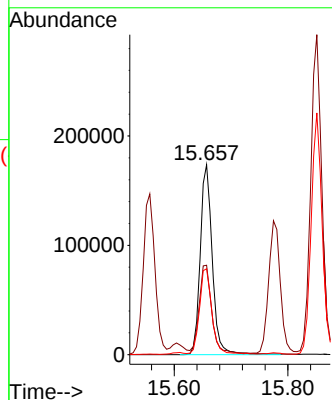
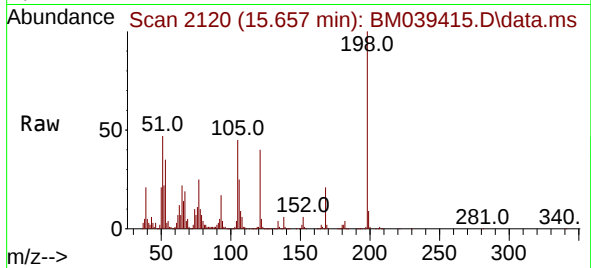




#65
4,6-Dinitro-2-methylphenol
Concen: 46.369 ng
RT: 15.657 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

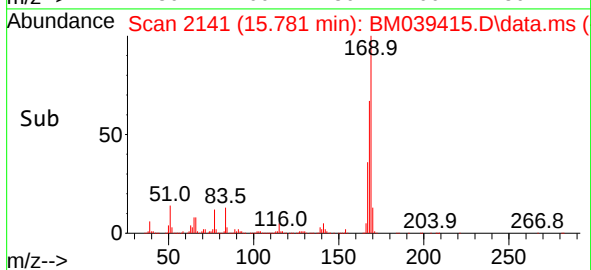
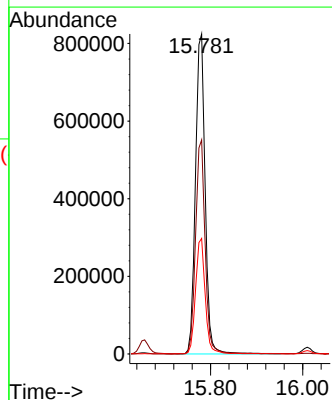
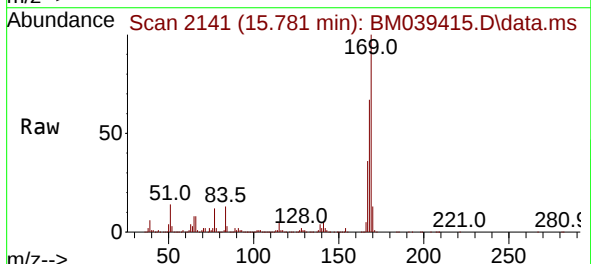
Instrument :
BNA_M
ClientSampleId :
JPP-2-040723MSD

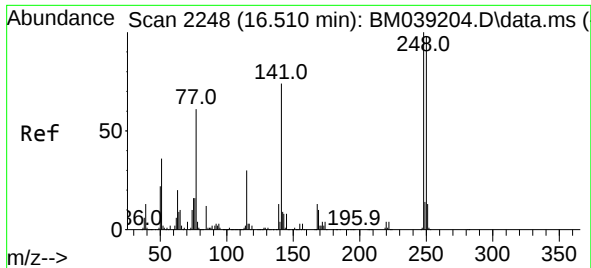
Tgt Ion:198 Resp: 256250
Ion Ratio Lower Upper
198 100
51 47.1 28.9 68.9
105 45.2 28.7 68.7



#66
n-Nitrosodiphenylamine
Concen: 45.267 ng
RT: 15.781 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

Tgt Ion:169 Resp: 1198256
Ion Ratio Lower Upper
169 100
168 66.9 52.8 79.2
167 36.1 28.4 42.6

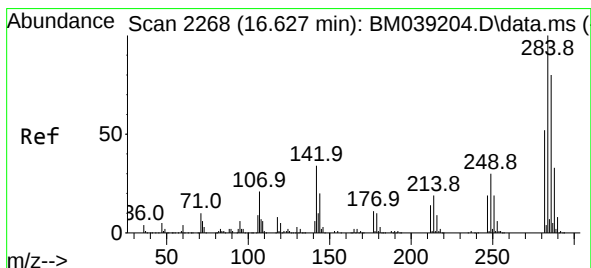
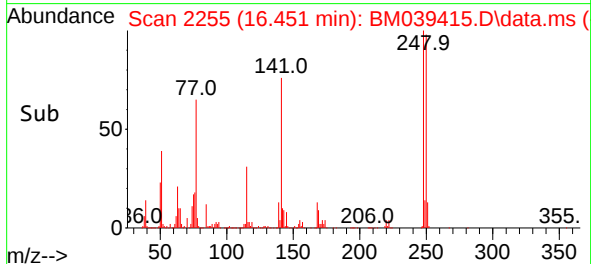
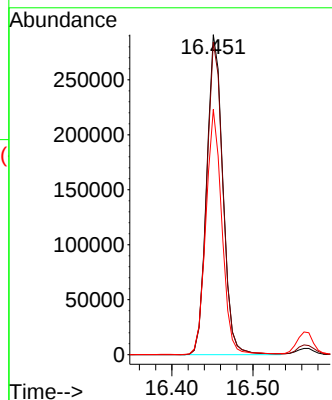
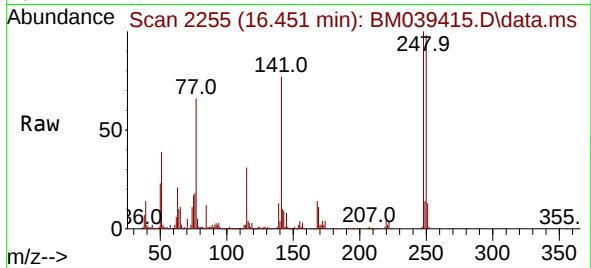




#67
4-Bromophenyl-phenylether
Concen: 44.854 ng
RT: 16.451 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

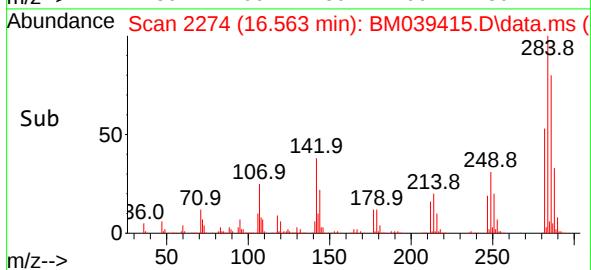
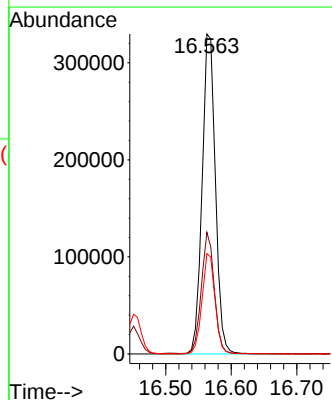
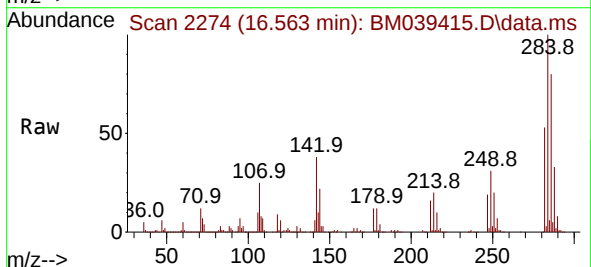
Instrument :
BNA_M
ClientSampleId :
JPP-2-040723MSD

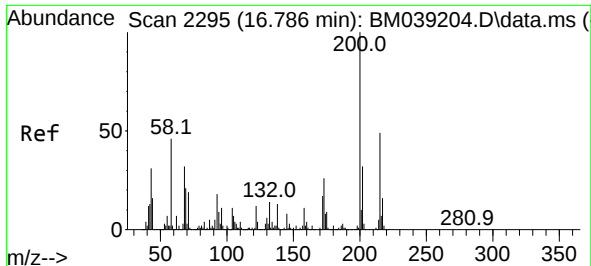
Tgt Ion:248 Resp: 402388
Ion Ratio Lower Upper
248 100
250 97.6 78.8 118.2
141 76.7 58.8 88.2



#68
Hexachlorobenzene
Concen: 47.876 ng
RT: 16.563 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

Tgt Ion:284 Resp: 465694
Ion Ratio Lower Upper
284 100
142 38.0 27.4 41.2
249 31.4 24.4 36.6

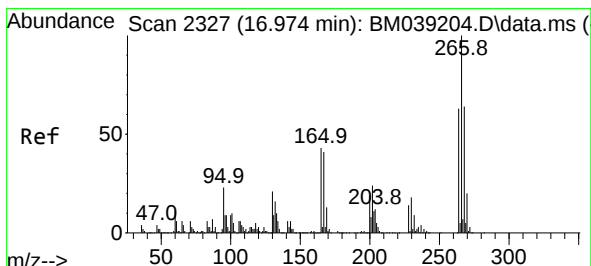
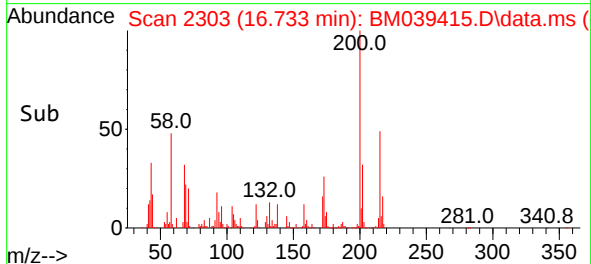
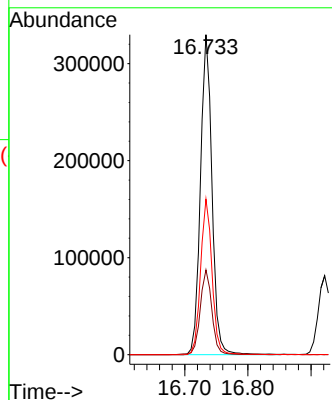
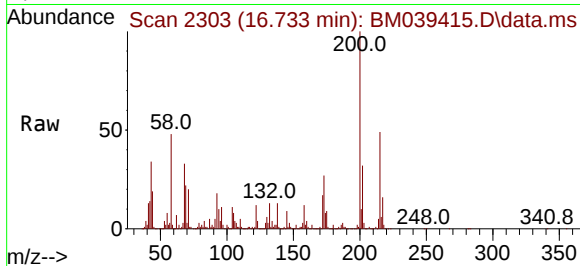




#69
 Atrazine
 Concen: 49.737 ng
 RT: 16.733 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM039415.D
 Acq: 13 Apr 2023 17:36

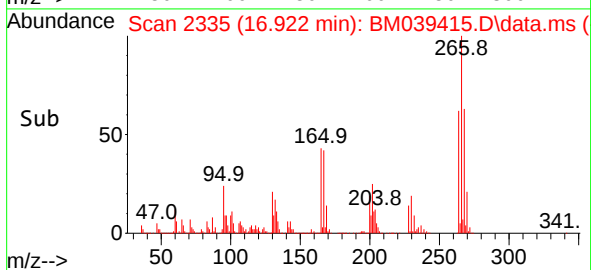
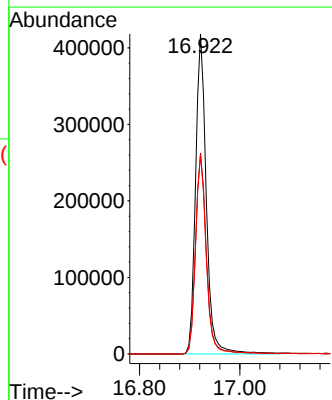
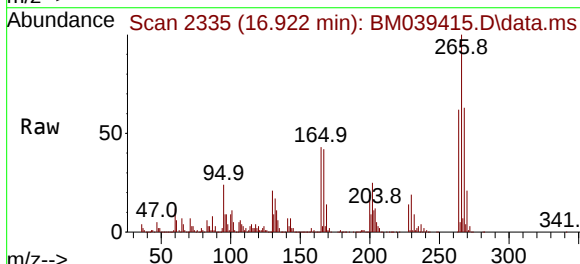
Instrument :
 BNA_M
 ClientSampleId :
 JPP-2-040723MSD

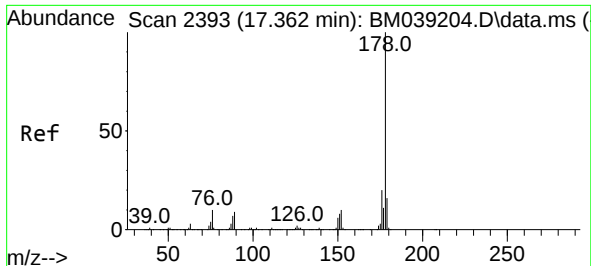
Tgt Ion:200 Resp: 416992
 Ion Ratio Lower Upper
 200 100
 173 26.5 6.4 46.4
 215 48.6 28.9 68.9



#70
 Pentachlorophenol
 Concen: 88.883 ng
 RT: 16.922 min Scan# 2335
 Delta R.T. 0.000 min
 Lab File: BM039415.D
 Acq: 13 Apr 2023 17:36

Tgt Ion:266 Resp: 620300
 Ion Ratio Lower Upper
 266 100
 268 62.8 51.4 77.2
 264 62.3 50.2 75.4

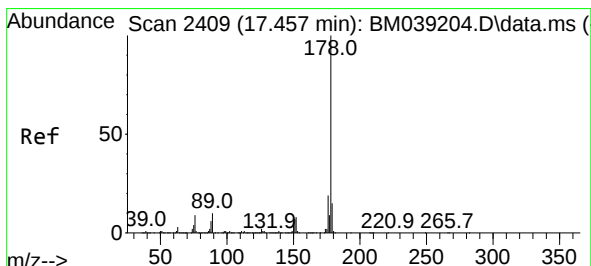
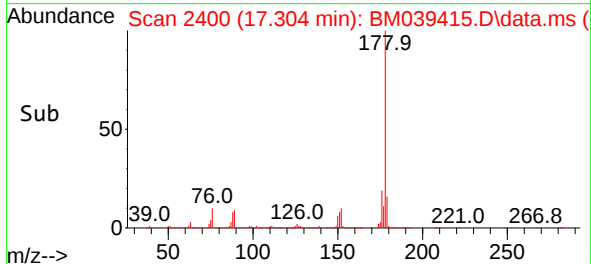
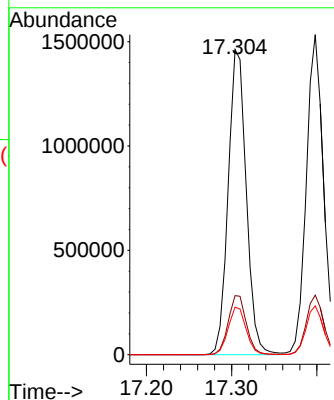
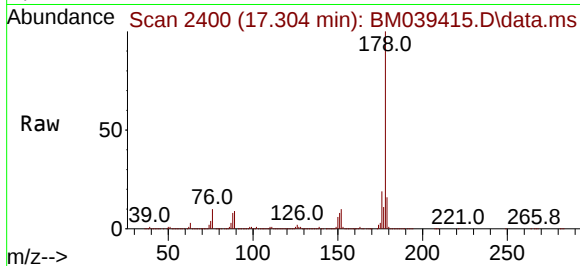




#71
Phenanthrene
Concen: 46.768 ng
RT: 17.304 min Scan# 2416
Delta R.T. -0.005 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

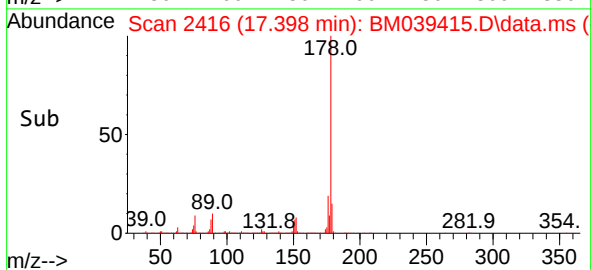
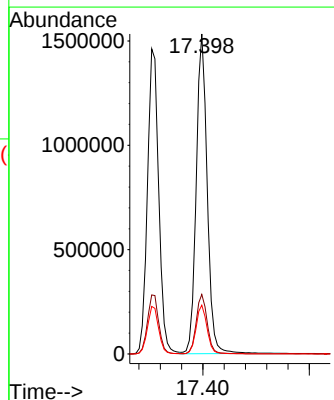
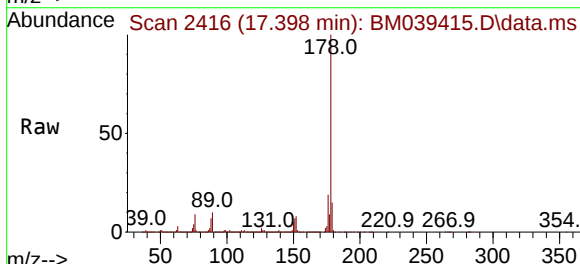
Instrument :
BNA_M
ClientSampleId :
JPP-2-040723MSD

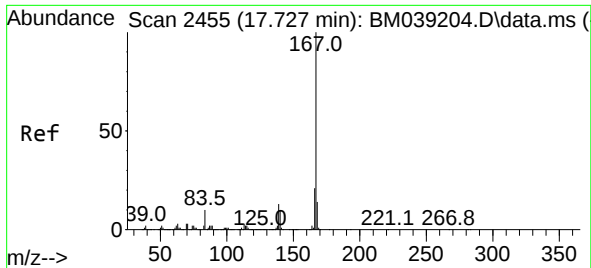
Tgt Ion:178 Resp: 2151639
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 15.6 12.4 18.6



#72
Anthracene
Concen: 46.537 ng
RT: 17.398 min Scan# 2416
Delta R.T. -0.005 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

Tgt Ion:178 Resp: 2183132
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.3 12.2 18.2

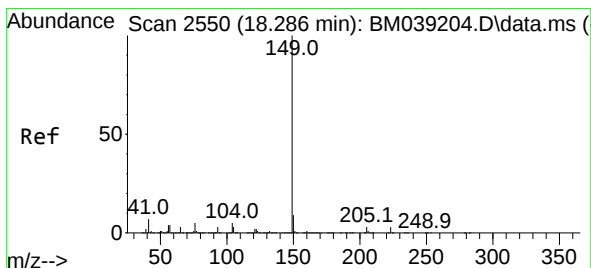
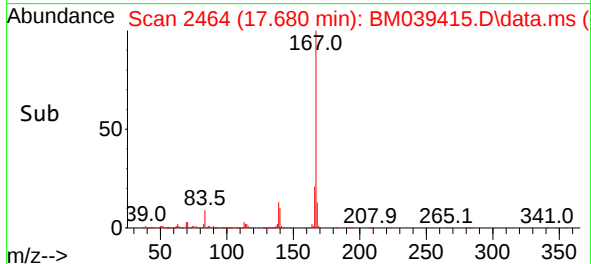
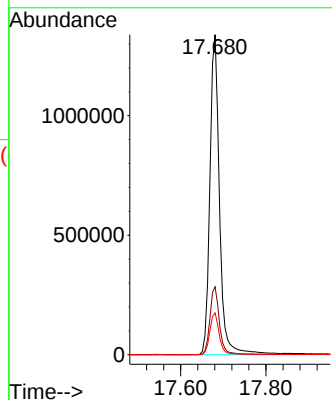
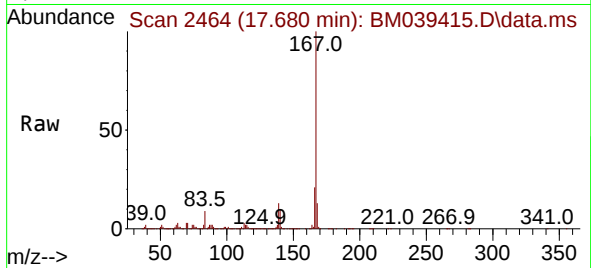




#73
 Carbazole
 Concen: 47.900 ng
 RT: 17.680 min Scan# 2455
 Delta R.T. 0.000 min
 Lab File: BM039415.D
 Acq: 13 Apr 2023 17:36

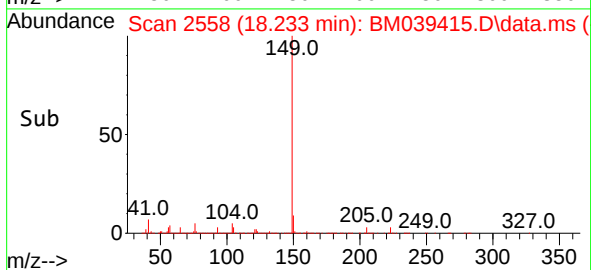
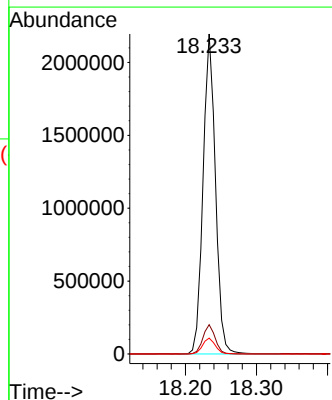
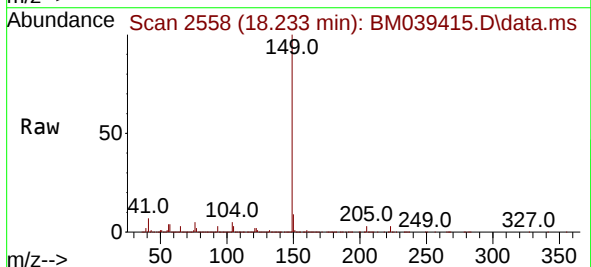
Instrument :
 BNA_M
 ClientSampleId :
 JPP-2-040723MSD

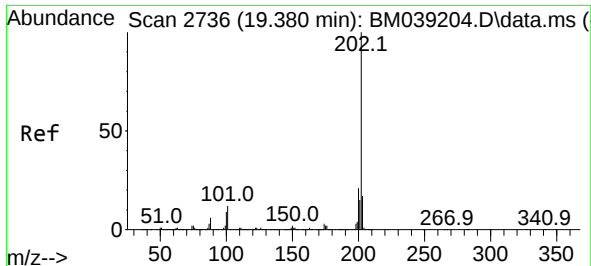
Tgt Ion:167 Resp: 2099724
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 13.1 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 49.172 ng
 RT: 18.233 min Scan# 2558
 Delta R.T. -0.006 min
 Lab File: BM039415.D
 Acq: 13 Apr 2023 17:36

Tgt Ion:149 Resp: 2666330
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 4.9 4.1 6.1

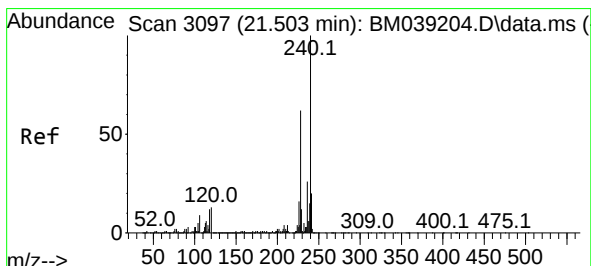
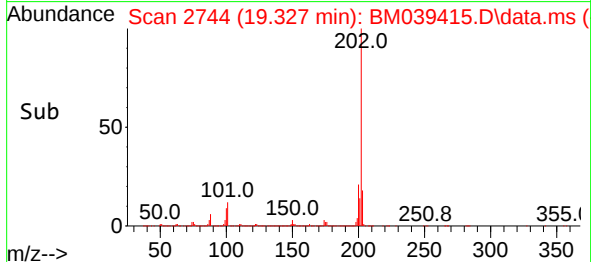
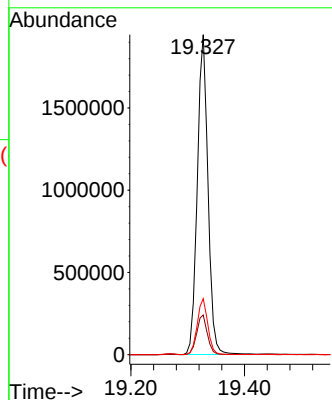
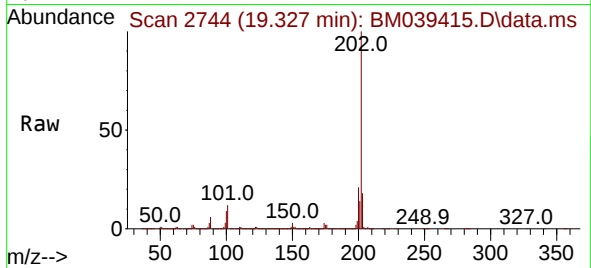




#75
Fluoranthene
Concen: 48.686 ng
RT: 19.327 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

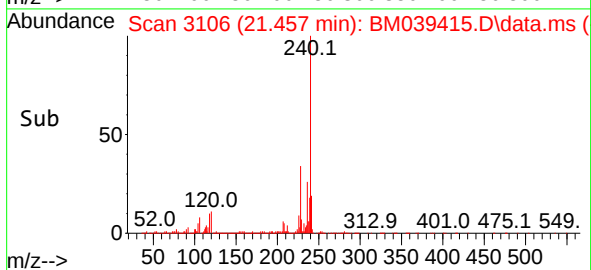
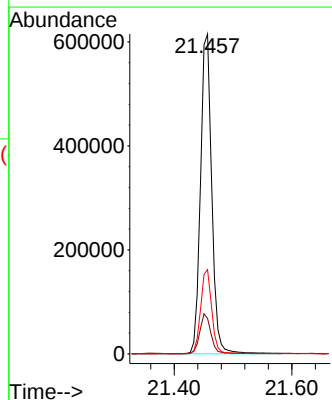
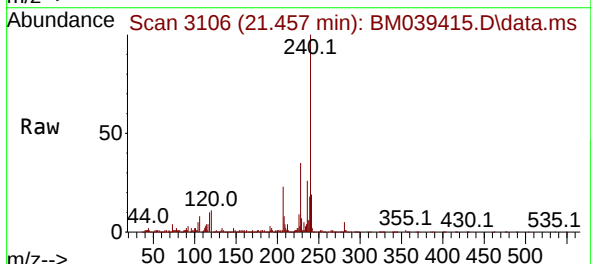
Instrument :
BNA_M
ClientSampleId :
JPP-2-040723MSD

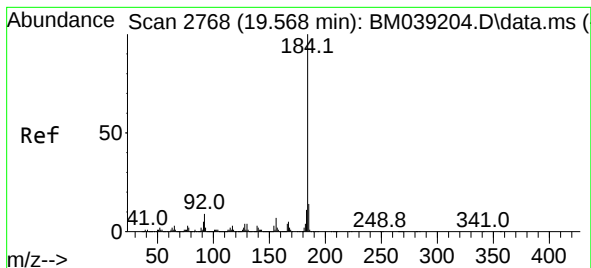
Tgt Ion:202 Resp: 2553331
Ion Ratio Lower Upper
202 100
101 12.4 0.0 32.5
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.457 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

Tgt Ion:240 Resp: 816131
Ion Ratio Lower Upper
240 100
120 11.1 10.2 15.2
236 26.4 20.9 31.3





#77

Benzidine

Concen: 18.396 ng

RT: 19.521 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM039415.D

Acq: 13 Apr 2023 17:36

Instrument :

BNA_M

ClientSampleId :

JPP-2-040723MSD

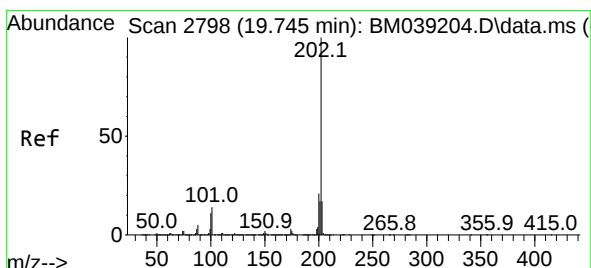
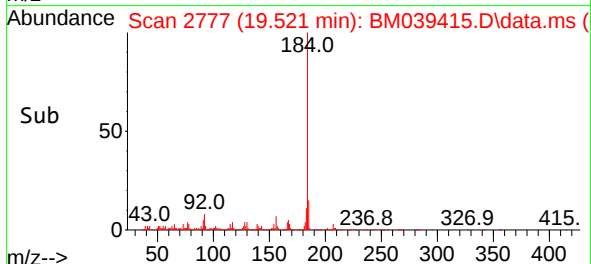
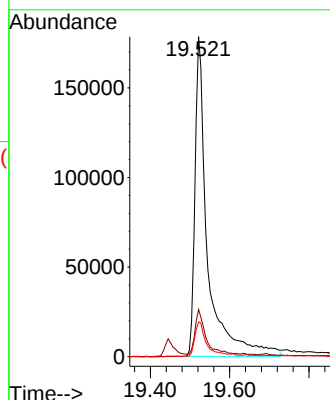
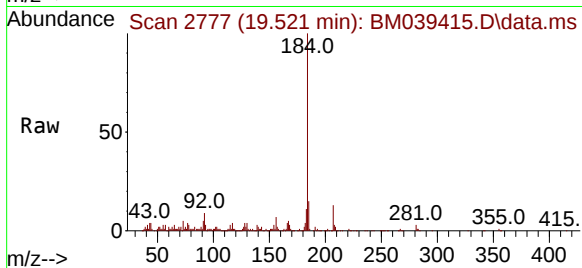
Tgt Ion:184 Resp: 395998

Ion Ratio Lower Upper

184 100

185 14.7 11.4 17.0

183 10.8 9.0 13.4



#78

Pyrene

Concen: 47.648 ng

RT: 19.692 min Scan# 2806

Delta R.T. -0.005 min

Lab File: BM039415.D

Acq: 13 Apr 2023 17:36

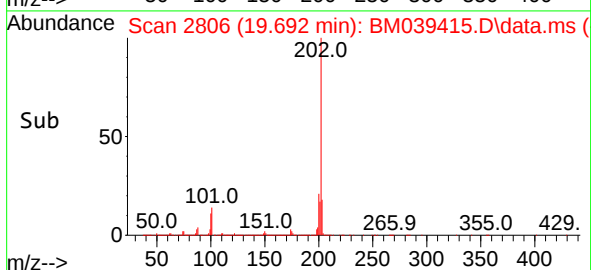
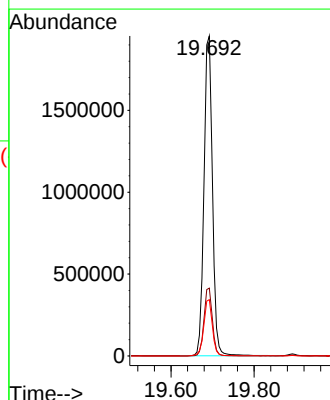
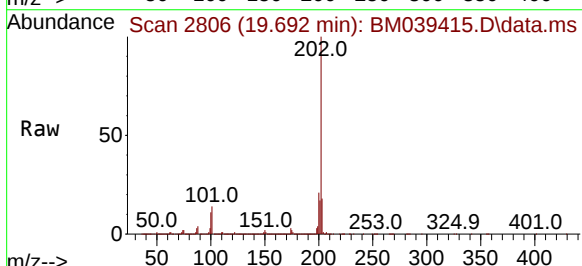
Tgt Ion:202 Resp: 2768343

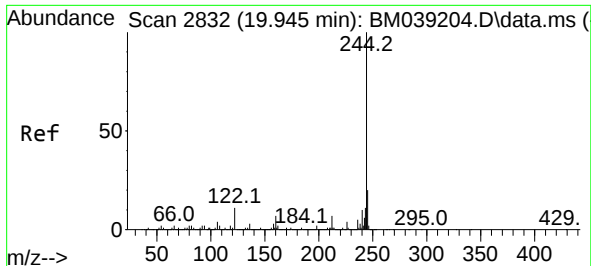
Ion Ratio Lower Upper

202 100

200 21.2 17.1 25.7

203 17.6 13.9 20.9

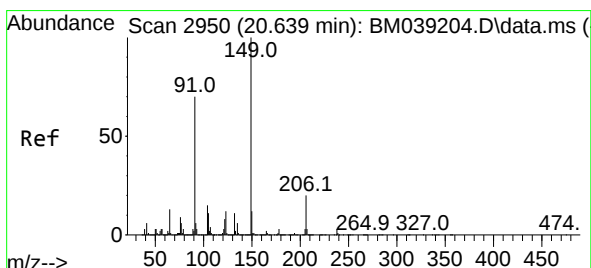
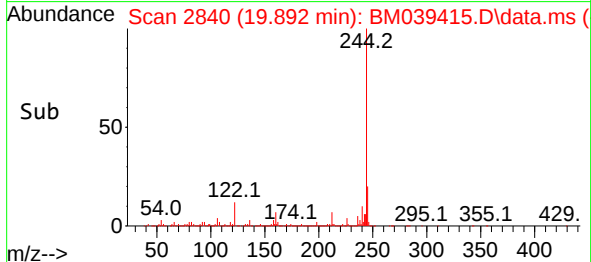
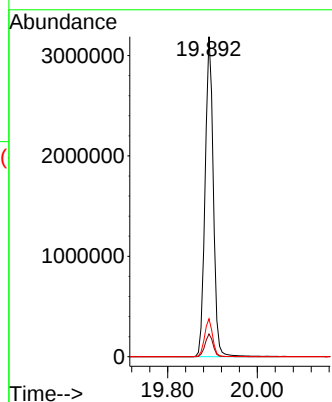
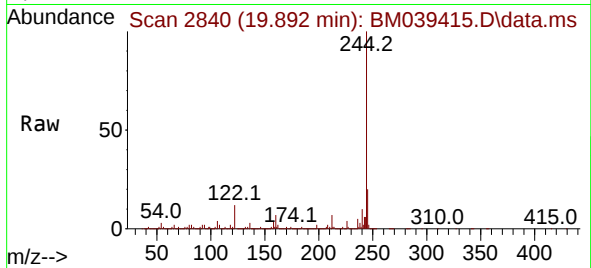




#79
 Terphenyl-d14
 Concen: 91.363 ng
 RT: 19.892 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM039415.D
 Acq: 13 Apr 2023 17:36

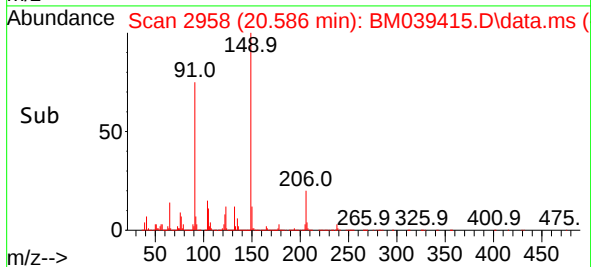
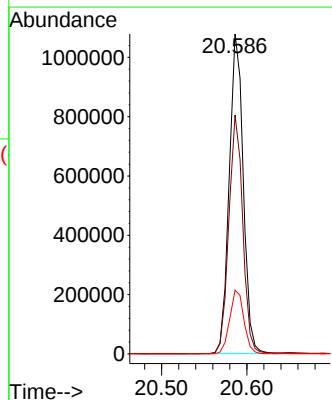
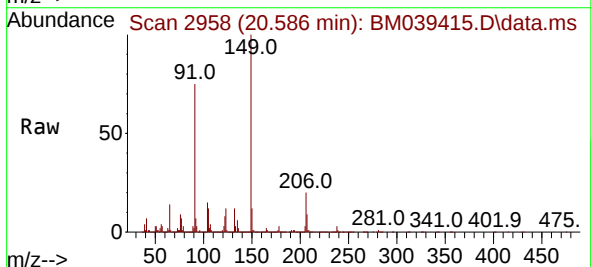
Instrument :
 BNA_M
 ClientSampleId :
 JPP-2-040723MSD

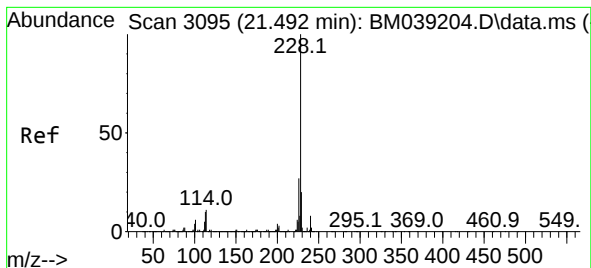
Tgt Ion:244 Resp: 4035845
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 11.9 9.1 13.7



#80
 Butylbenzylphthalate
 Concen: 46.545 ng
 RT: 20.586 min Scan# 2958
 Delta R.T. -0.011 min
 Lab File: BM039415.D
 Acq: 13 Apr 2023 17:36

Tgt Ion:149 Resp: 1238907
 Ion Ratio Lower Upper
 149 100
 91 74.6 56.3 84.5
 206 19.9 16.4 24.6





#81

Benzo(a)anthracene

Concen: 45.444 ng

RT: 21.439 min Scan# 3103

Delta R.T. -0.005 min

Lab File: BM039415.D

Acq: 13 Apr 2023 17:36

Instrument :

BNA_M

ClientSampleId :

JPP-2-040723MSD

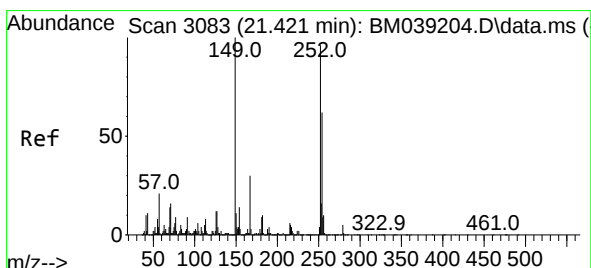
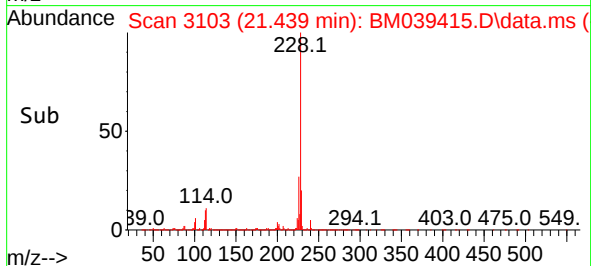
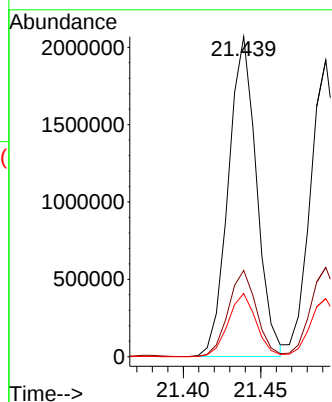
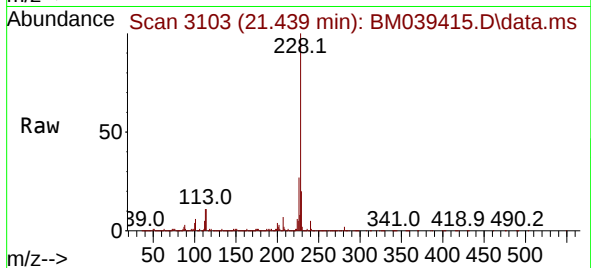
Tgt Ion:228 Resp: 2615681

Ion Ratio Lower Upper

228 100

226 27.0 21.9 32.9

229 19.8 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 37.351 ng

RT: 21.374 min Scan# 3092

Delta R.T. -0.011 min

Lab File: BM039415.D

Acq: 13 Apr 2023 17:36

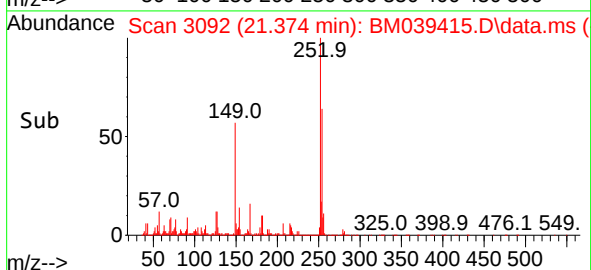
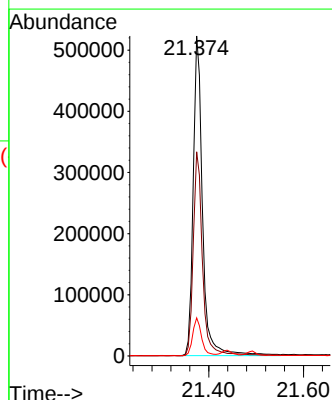
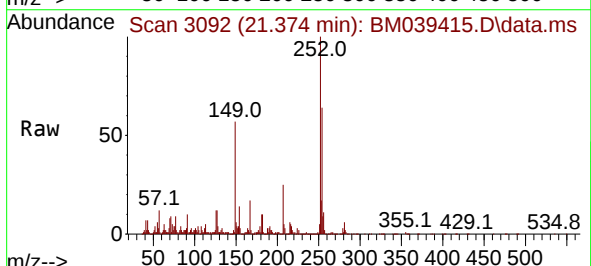
Tgt Ion:252 Resp: 716182

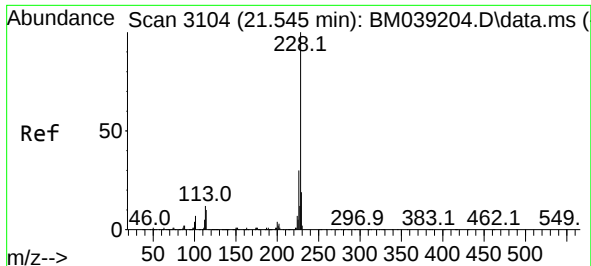
Ion Ratio Lower Upper

252 100

254 63.8 51.8 77.8

126 11.9 10.1 15.1

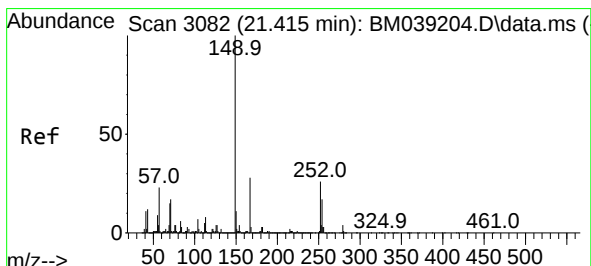
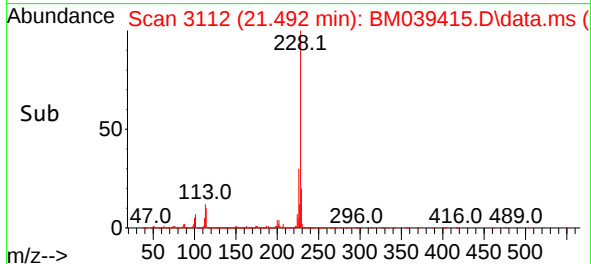
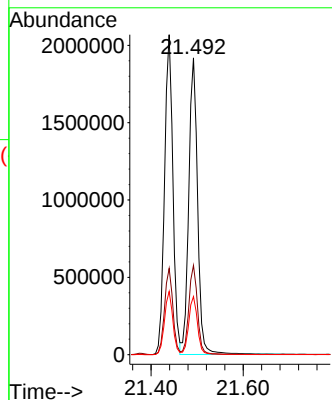
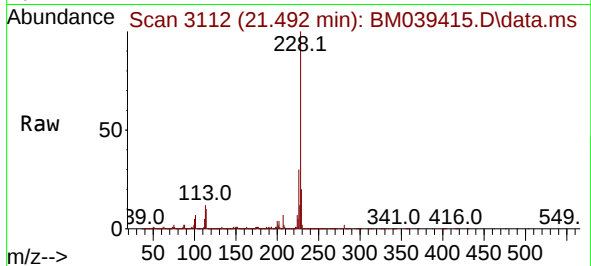




#83
Chrysene
Concen: 45.834 ng
RT: 21.492 min Scan# 3104
Delta R.T. -0.011 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

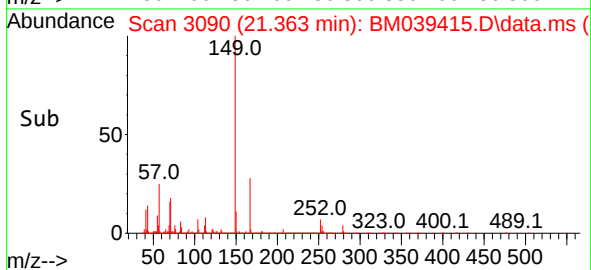
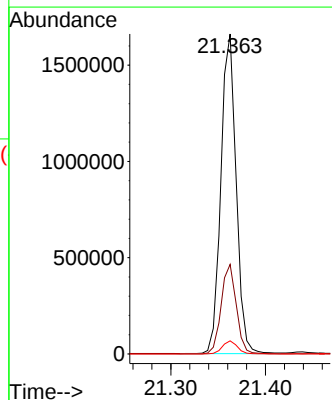
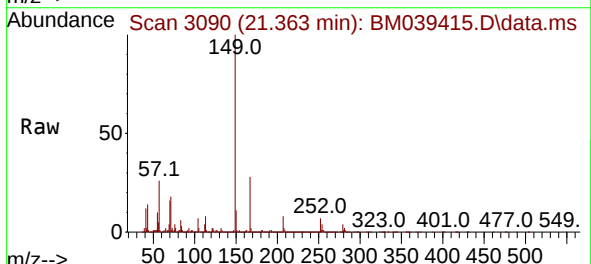
Instrument :
BNA_M
ClientSampleId :
JPP-2-040723MSD

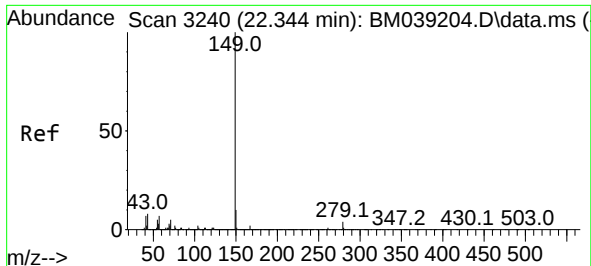
Tgt Ion:228 Resp: 2546752
Ion Ratio Lower Upper
228 100
226 30.1 24.1 36.1
229 19.5 15.5 23.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.274 ng
RT: 21.363 min Scan# 3090
Delta R.T. -0.011 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

Tgt Ion:149 Resp: 1858416
Ion Ratio Lower Upper
149 100
167 28.0 22.3 33.5
279 4.1 3.4 5.2

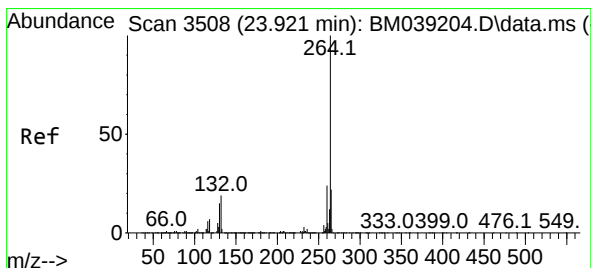
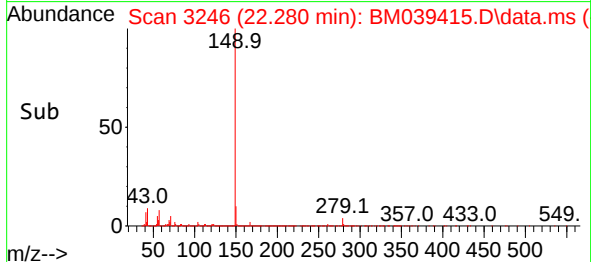
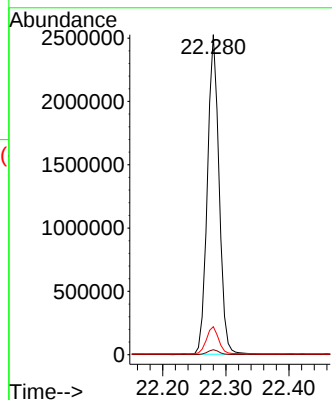
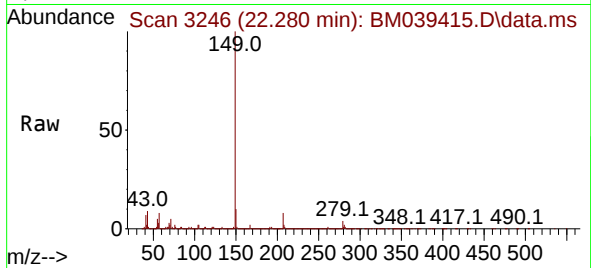




#85
Di-n-octyl phthalate
Concen: 45.603 ng
RT: 22.280 min Scan# 311
Delta R.T. -0.011 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

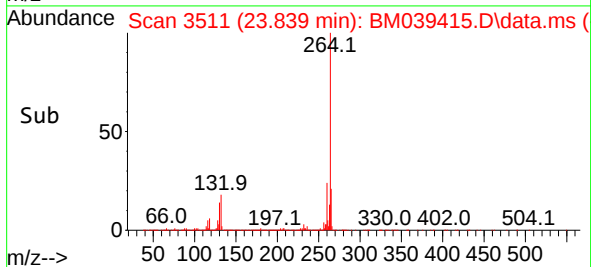
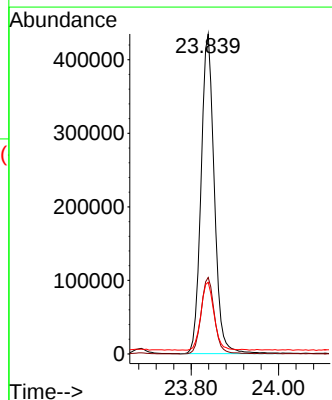
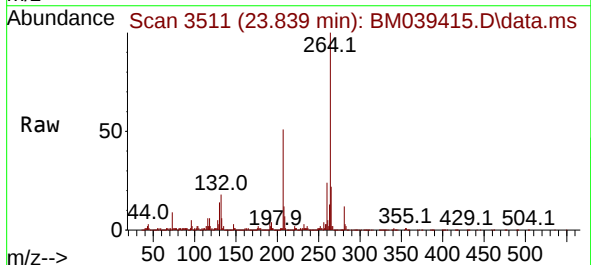
Instrument :
BNA_M
ClientSampleId :
JPP-2-040723MSD

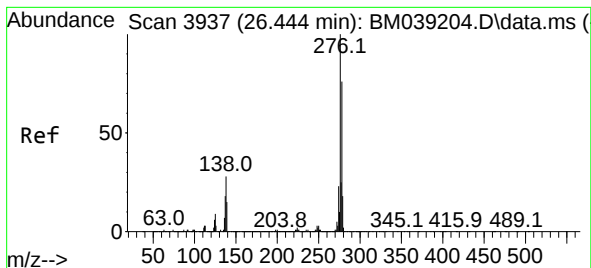
Tgt Ion:149 Resp: 3229849
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.7 6.9 10.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.839 min Scan# 3511
Delta R.T. -0.011 min
Lab File: BM039415.D
Acq: 13 Apr 2023 17:36

Tgt Ion:264 Resp: 918215
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.6
265 22.4 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.579 ng

RT: 26.321 min Scan# 3933

Delta R.T. -0.017 min

Lab File: BM039415.D

Acq: 13 Apr 2023 17:36

Instrument :

BNA_M

ClientSampleId :

JPP-2-040723MSD

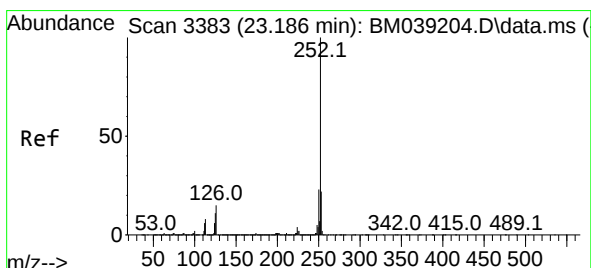
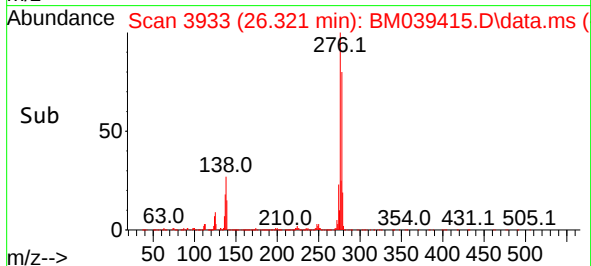
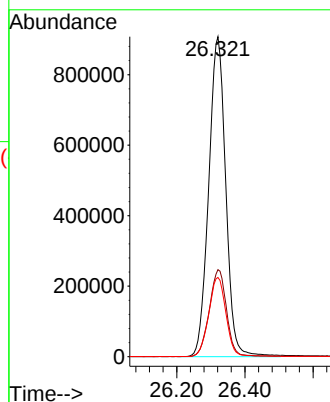
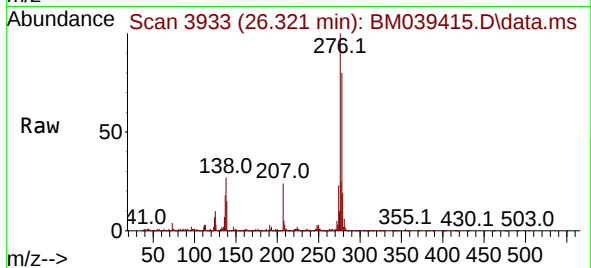
Tgt Ion:276 Resp: 3151272

Ion Ratio Lower Upper

276 100

138 27.4 22.2 33.2

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 50.648 ng

RT: 23.115 min Scan# 3388

Delta R.T. -0.011 min

Lab File: BM039415.D

Acq: 13 Apr 2023 17:36

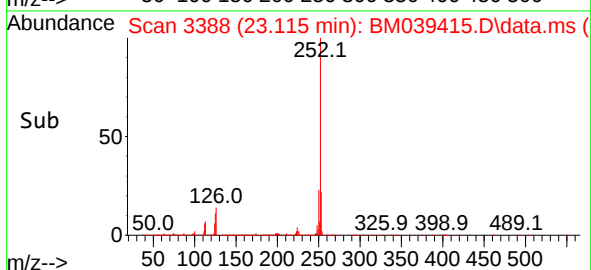
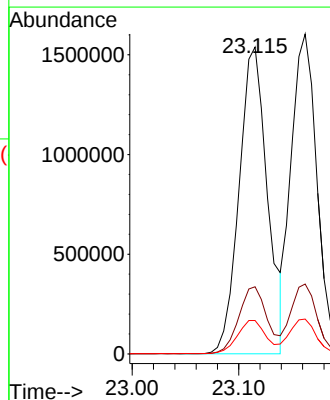
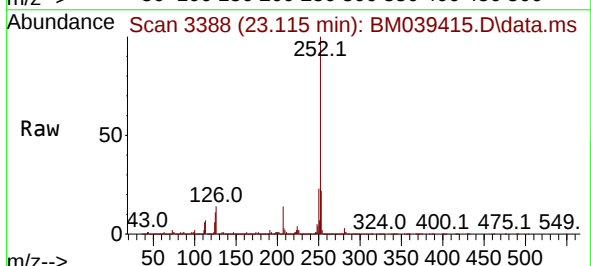
Tgt Ion:252 Resp: 2845583

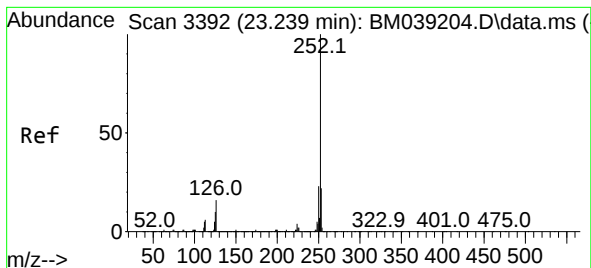
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 10.9 9.0 13.6





#89

Benzo(k)fluoranthene

Concen: 48.057 ng

RT: 23.162 min Scan# 31

Delta R.T. -0.011 min

Lab File: BM039415.D

Acq: 13 Apr 2023 17:36

Instrument :

BNA_M

ClientSampleId :

JPP-2-040723MSD

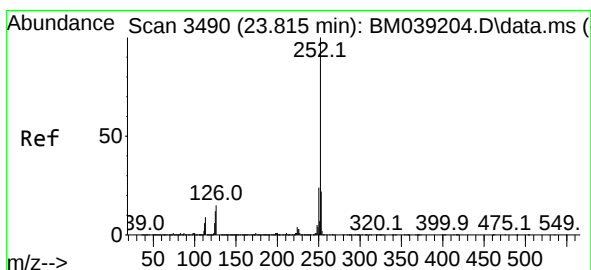
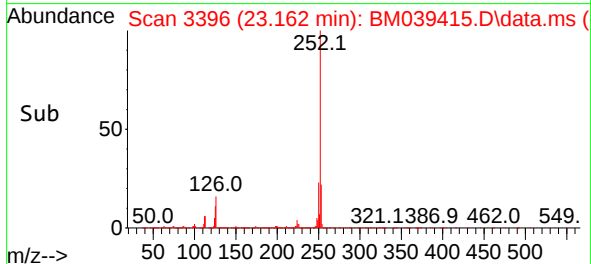
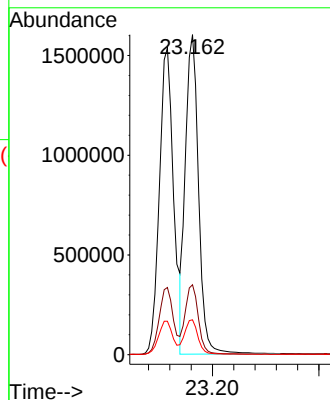
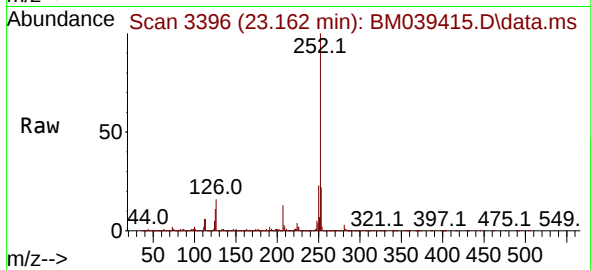
Tgt Ion:252 Resp: 2750239

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 10.9 8.5 12.7



#90

Benzo(a)pyrene

Concen: 44.548 ng

RT: 23.733 min Scan# 3493

Delta R.T. -0.017 min

Lab File: BM039415.D

Acq: 13 Apr 2023 17:36

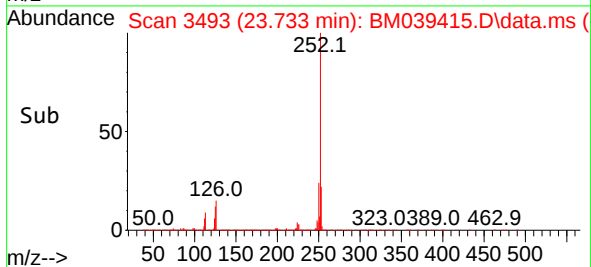
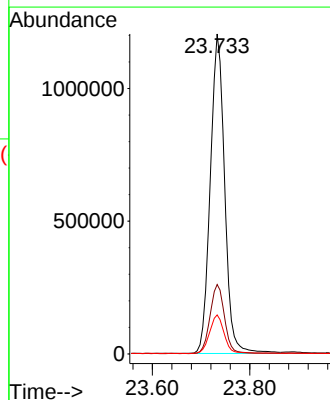
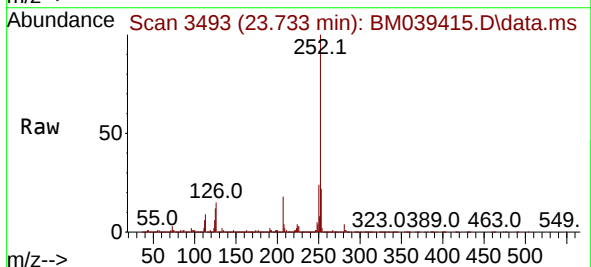
Tgt Ion:252 Resp: 2458733

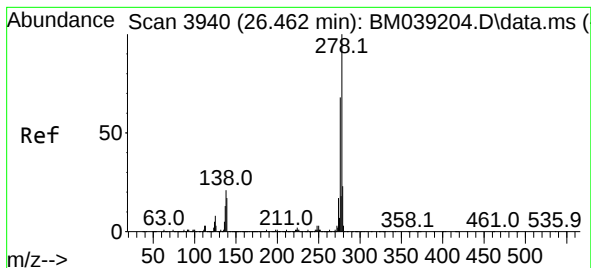
Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 12.2 9.8 14.6





#91

Dibenzo(a,h)anthracene

Concen: 46.409 ng

RT: 26.333 min Scan# 3940

Delta R.T. -0.017 min

Lab File: BM039415.D

Acq: 13 Apr 2023 17:36

Instrument :

BNA_M

ClientSampleId :

JPP-2-040723MSD

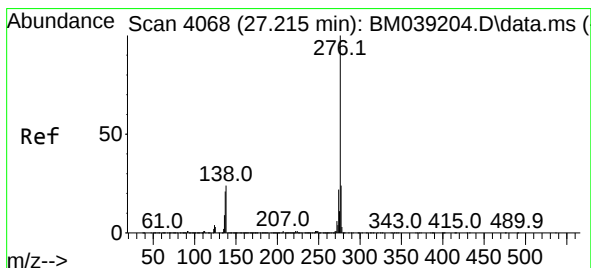
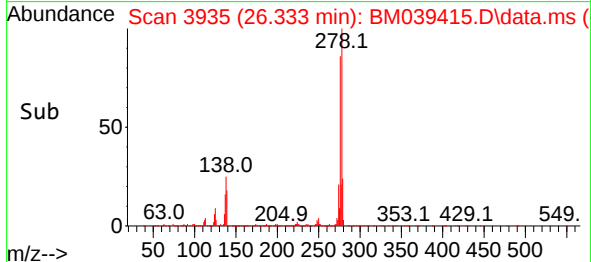
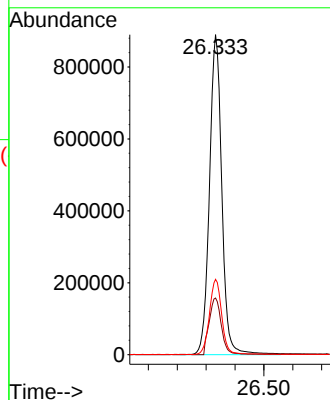
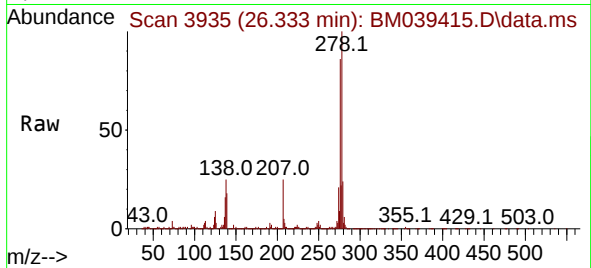
Tgt Ion:278 Resp: 2636377

Ion Ratio Lower Upper

278 100

139 17.7 13.9 20.9

279 23.6 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 46.274 ng

RT: 27.080 min Scan# 4062

Delta R.T. -0.023 min

Lab File: BM039415.D

Acq: 13 Apr 2023 17:36

Tgt Ion:276 Resp: 2585191

Ion Ratio Lower Upper

276 100

277 23.6 19.1 28.7

138 23.7 19.5 29.3

