

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120523\
 Data File : BF136398.D
 Acq On : 05 Dec 2023 10:04
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 05 10:41:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:30:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	142619	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	602027	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	320333	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	597116	20.000	ng	0.00
76) Chrysene-d12	13.992	240	312287	20.000	ng	0.01
86) Perylene-d12	15.474	264	285938	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	738513	72.073	ng	0.00
7) Phenol-d6	6.451	99	943843	73.668	ng	0.00
23) Nitrobenzene-d5	7.375	82	872922	76.621	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	310116	79.185	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1831025	73.011	ng	0.00
79) Terphenyl-d14	12.933	244	2035633	75.190	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.598	88	191354	49.355	ng	95
3) Pyridine	3.357	79	440417	46.017	ng	93
4) n-Nitrosodimethylamine	3.340	42	160784	33.235	ng	81
6) Aniline	6.475	93	609766	50.353	ng	96
8) 2-Chlorophenol	6.598	128	413646	37.075	ng	91
9) Benzaldehyde	6.363	77	255671	35.804	ng	96
10) Phenol	6.463	94	498236	36.248	ng	91
11) bis(2-Chloroethyl)ether	6.551	93	379227	37.608	ng	95
12) 1,3-Dichlorobenzene	6.745	146	430464	33.998	ng	96
13) 1,4-Dichlorobenzene	6.822	146	436585	33.919	ng	96
14) 1,2-Dichlorobenzene	6.975	146	417255	34.242	ng	97
15) Benzyl Alcohol	6.951	79	348302	38.774	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.086	45	494669	35.318	ng	96
17) 2-Methylphenol	7.063	107	365653	41.687	ng	98
18) Hexachloroethane	7.316	117	153921	34.092	ng	88
19) n-Nitroso-di-n-propyla...	7.228	70	287968	37.580	ng	94
20) 3+4-Methylphenols	7.222	107	439647	38.566	ng	95
22) Acetophenone	7.222	105	576081	36.435	ng	# 93
24) Nitrobenzene	7.392	77	423524	36.684	ng	95
25) Isophorone	7.628	82	811267	39.492	ng	97
26) 2-Nitrophenol	7.704	139	219358	44.593	ng	95
27) 2,4-Dimethylphenol	7.745	122	348763	53.866	ng	93
28) bis(2-Chloroethoxy)met...	7.839	93	486351	39.141	ng	96
29) 2,4-Dichlorophenol	7.945	162	351111	40.205	ng	97
30) 1,2,4-Trichlorobenzene	8.028	180	384163	35.930	ng	99
31) Naphthalene	8.110	128	1271273	37.569	ng	98
32) Benzoic acid	7.880	122	278441	47.187	ng	100
33) 4-Chloroaniline	8.157	127	531196	46.182	ng	98
34) Hexachlorobutadiene	8.222	225	223490	35.728	ng	100
35) Caprolactam	8.545	113	115098	47.145	ng	99
36) 4-Chloro-3-methylphenol	8.645	107	381394	40.267	ng	96
37) 2-Methylnaphthalene	8.798	142	848959	39.995	ng	97
38) 1-Methylnaphthalene	8.898	142	790853	38.193	ng	94
40) 1,2,4,5-Tetrachloroben...	8.963	216	390285	38.283	ng	99
41) Hexachlorocyclopentadiene	8.951	237	174287	44.430	ng	99
43) 2,4,6-Trichlorophenol	9.080	196	258052	38.998	ng	93

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 QLast Update : Mon Dec 04 13:30:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	295326	40.898	ng	99
46) 1,1'-Biphenyl	9.269	154	1067672	37.796	ng	97
47) 2-Chloronaphthalene	9.292	162	778034	35.466	ng	97
48) 2-Nitroaniline	9.386	65	238910	41.713	ng	90
49) Acenaphthylene	9.704	152	1228708	39.248	ng	98
50) Dimethylphthalate	9.574	163	986480	40.744	ng	# 98
51) 2,6-Dinitrotoluene	9.633	165	204966	41.439	ng	100
52) Acenaphthene	9.880	154	750074	37.914	ng	96
53) 3-Nitroaniline	9.804	138	226489	46.149	ng	98
54) 2,4-Dinitrophenol	9.910	184	124090	53.942	ng	94
55) Dibenzofuran	10.051	168	1123434	38.161	ng	98
56) 4-Nitrophenol	9.969	139	158088	42.412	ng	# 83
57) 2,4-Dinitrotoluene	10.039	165	274494	41.546	ng	93
58) Fluorene	10.398	166	875808	37.927	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.169	232	229564	39.955	ng	98
60) Diethylphthalate	10.274	149	953867	39.385	ng	96
61) 4-Chlorophenyl-phenyle...	10.386	204	441585	39.378	ng	96
62) 4-Nitroaniline	10.421	138	220279	45.854	ng	95
63) Azobenzene	10.551	77	857241	38.180	ng	93
65) 4,6-Dinitro-2-methylph...	10.451	198	149335	45.734	ng	92
66) n-Nitrosodiphenylamine	10.510	169	790482	41.310	ng	96
67) 4-Bromophenyl-phenylether	10.880	248	281897	40.466	ng	95
68) Hexachlorobenzene	10.945	284	295966	36.709	ng	95
69) Atrazine	11.039	200	186388	32.835	ng	95
70) Pentachlorophenol	11.139	266	171092	37.541	ng	97
71) Phenanthrene	11.363	178	1313224	39.130	ng	99
72) Anthracene	11.416	178	1352647	40.191	ng	99
73) Carbazole	11.568	167	1130453	39.493	ng	100
74) Di-n-butylphthalate	11.904	149	1531006	42.748	ng	98
75) Fluoranthene	12.557	202	1277795	37.505	ng	96
77) Benzidine	12.674	184	247472	48.208	ng	99
78) Pyrene	12.786	202	1241336	36.295	ng	97
80) Butylbenzylphthalate	13.410	149	510661	47.976	ng	98
81) Benzo(a)anthracene	13.980	228	868560	37.445	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	298495	53.460	ng	98
83) Chrysene	14.015	228	852309	38.056	ng	98
84) Bis(2-ethylhexyl)phtha...	13.974	149	658086	51.516	ng	# 98
85) Di-n-octyl phthalate	14.592	149	1001641	48.249	ng	99
87) Indeno(1,2,3-cd)pyrene	16.992	276	799675	38.006	ng	99
88) Benzo(b)fluoranthene	15.039	252	695975	34.693	ng	98
89) Benzo(k)fluoranthene	15.068	252	706437	37.077	ng	97
90) Benzo(a)pyrene	15.415	252	670232	40.869	ng	98
91) Dibenzo(a,h)anthracene	17.015	278	665387	39.309	ng	99
92) Benzo(g,h,i)perylene	17.456	276	635730	37.370	ng	99

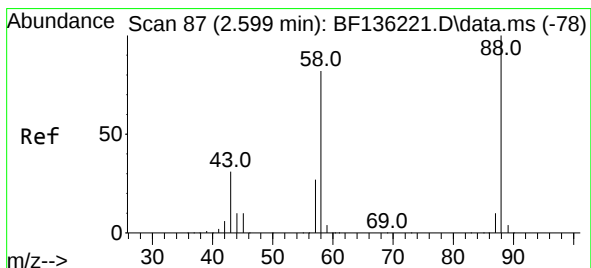
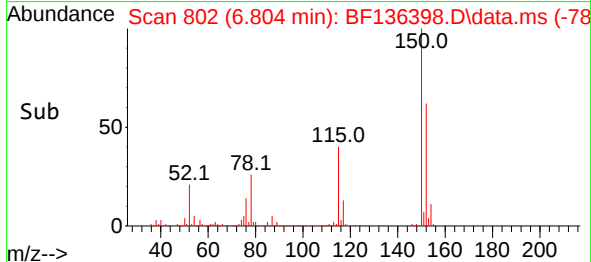
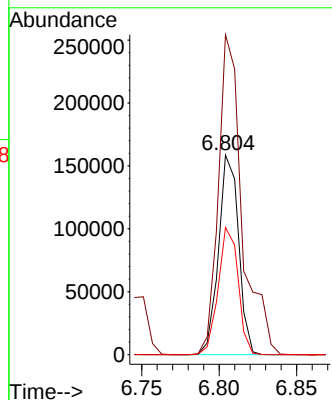
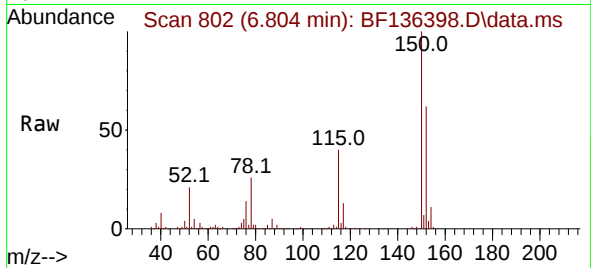
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF136398.D
 Acq: 05 Dec 2023 10:04

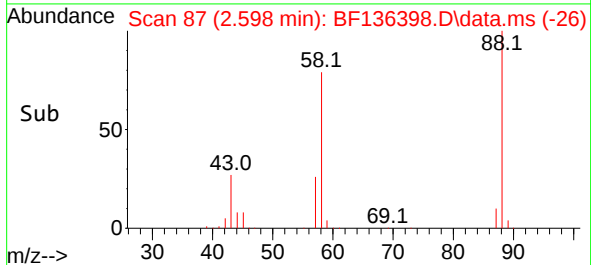
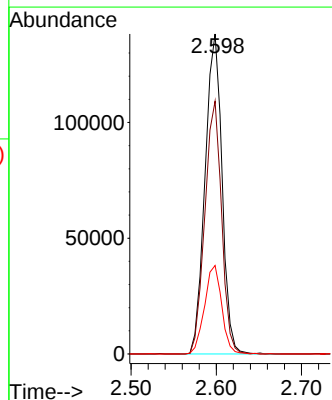
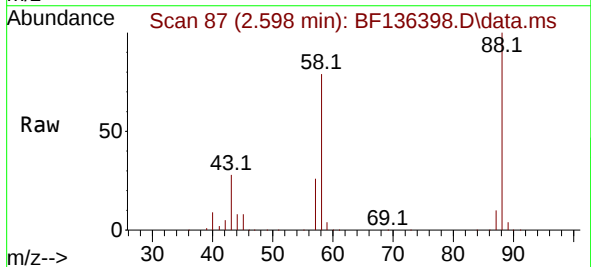
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

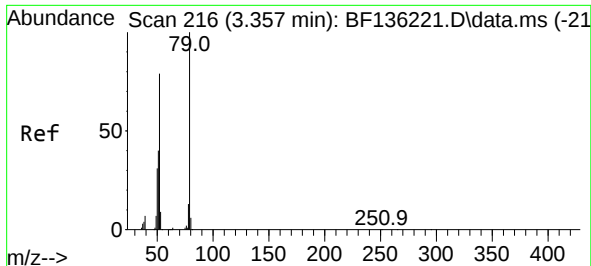
Tgt Ion:152 Resp: 142619
 Ion Ratio Lower Upper
 152 100
 150 160.3 137.8 206.8
 115 63.7 52.7 79.1



#2
 1,4-Dioxane
 Concen: 49.355 ng
 RT: 2.598 min Scan# 87
 Delta R.T. 0.006 min
 Lab File: BF136398.D
 Acq: 05 Dec 2023 10:04

Tgt Ion: 88 Resp: 191354
 Ion Ratio Lower Upper
 88 100
 58 77.8 65.9 98.9
 43 28.0 24.8 37.2

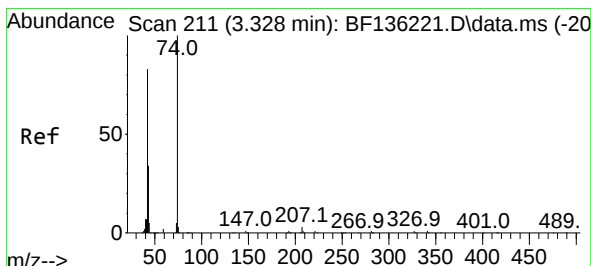
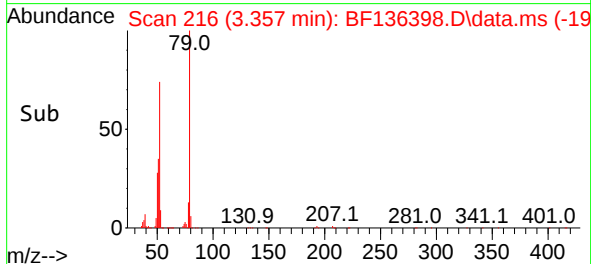
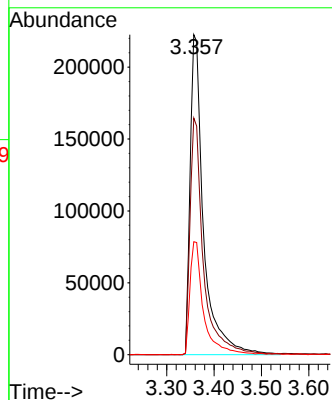
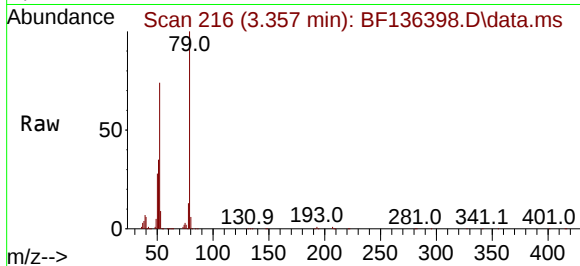




#3
 Pyridine
 Concen: 46.017 ng
 RT: 3.357 min Scan# 216
 Delta R.T. 0.006 min
 Lab File: BF136398.D
 Acq: 05 Dec 2023 10:04

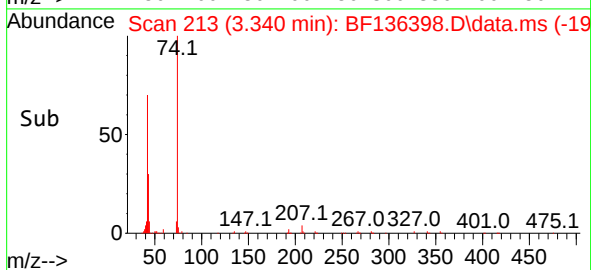
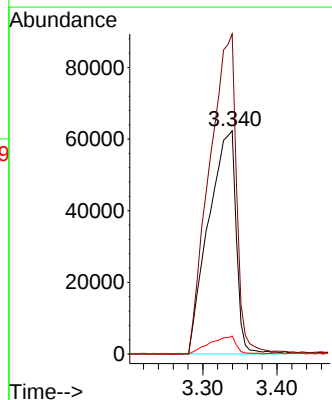
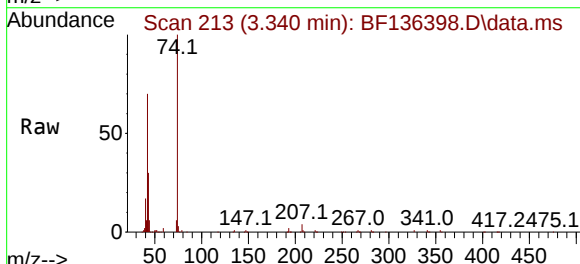
Instrument :
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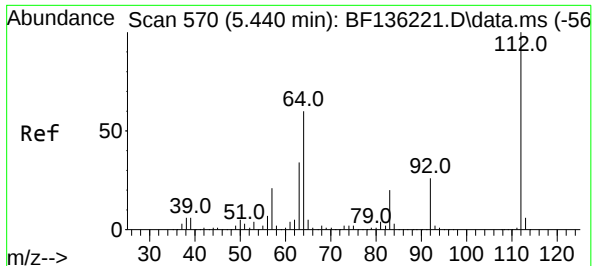
Tgt Ion: 79 Resp: 440417
 Ion Ratio Lower Upper
 79 100
 52 74.0 63.2 94.8
 51 35.3 32.6 49.0



#4
 n-Nitrosodimethylamine
 Concen: 33.235 ng
 RT: 3.340 min Scan# 213
 Delta R.T. 0.012 min
 Lab File: BF136398.D
 Acq: 05 Dec 2023 10:04

Tgt Ion: 42 Resp: 160784
 Ion Ratio Lower Upper
 42 100
 74 143.4 96.6 144.8
 44 8.1 5.4 8.2

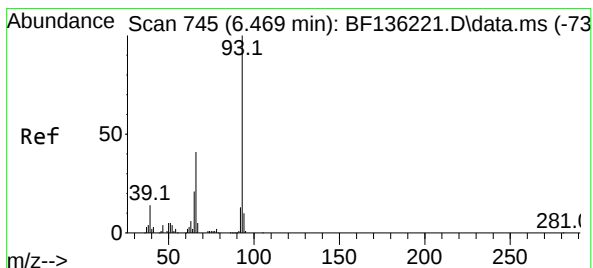
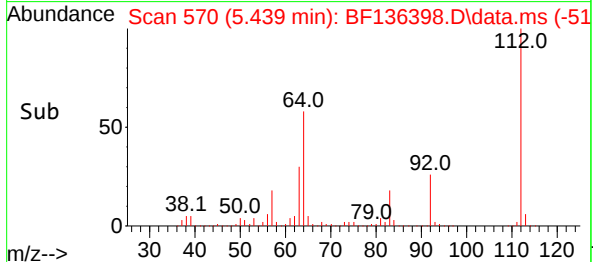
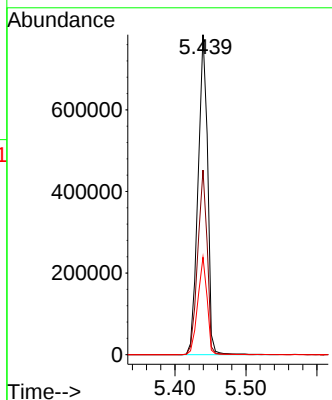
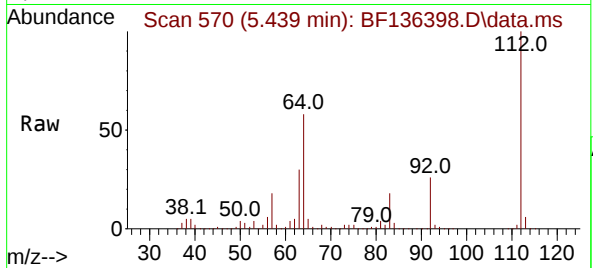




#5
2-Fluorophenol
Concen: 72.073 ng
RT: 5.439 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

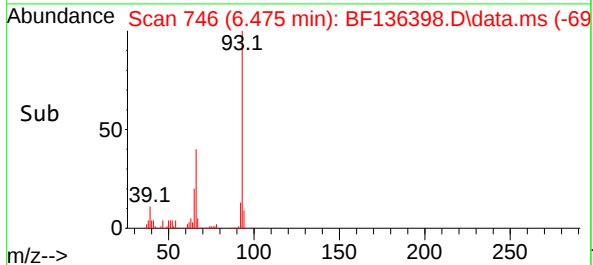
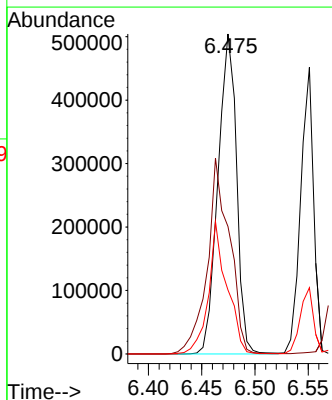
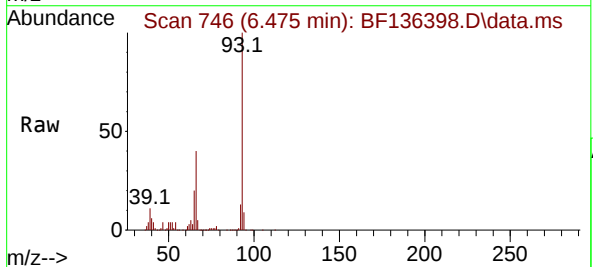
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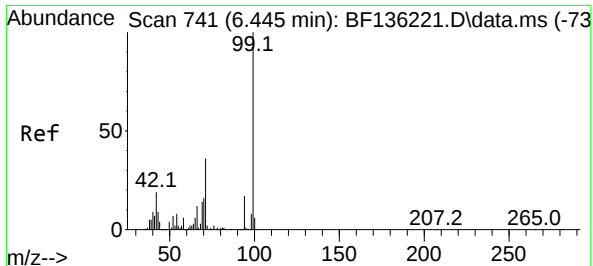
Tgt Ion:112 Resp: 738513
Ion Ratio Lower Upper
112 100
64 57.7 48.2 72.4
63 30.4 27.0 40.6



#6
Aniline
Concen: 50.353 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.000 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

Tgt Ion: 93 Resp: 609766
Ion Ratio Lower Upper
93 100
66 39.9 34.1 51.1
65 20.0 17.3 25.9





#7

Phenol-d6

Concen: 73.668 ng

RT: 6.451 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF136398.D

Acq: 05 Dec 2023 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

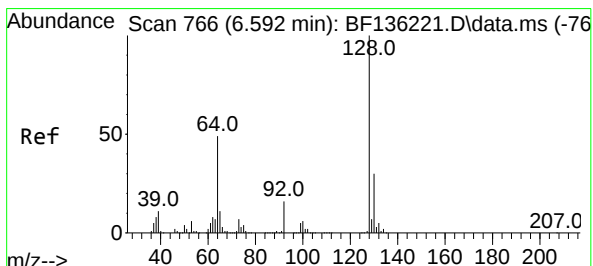
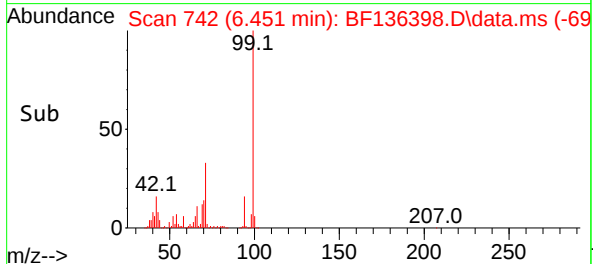
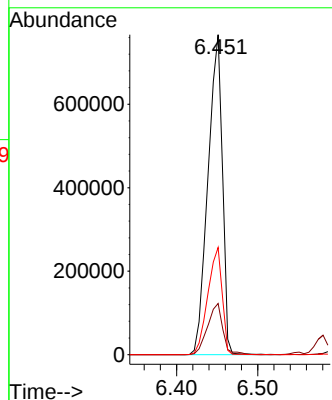
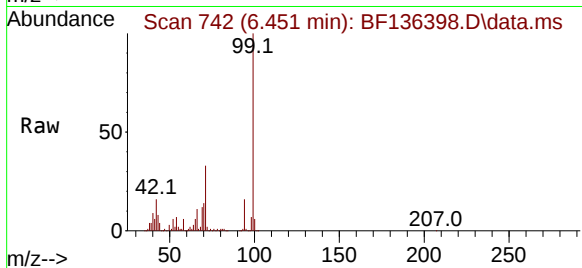
Tgt Ion: 99 Resp: 943843

Ion Ratio Lower Upper

99 100

42 16.0 15.0 22.6

71 33.5 28.9 43.3



#8

2-Chlorophenol

Concen: 37.075 ng

RT: 6.598 min Scan# 767

Delta R.T. 0.006 min

Lab File: BF136398.D

Acq: 05 Dec 2023 10:04

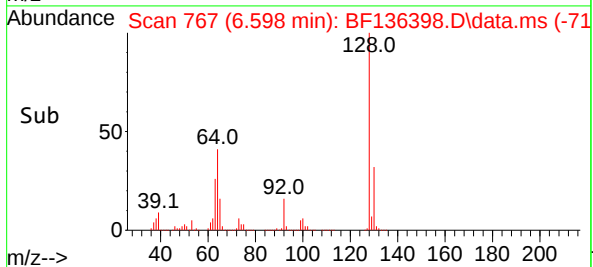
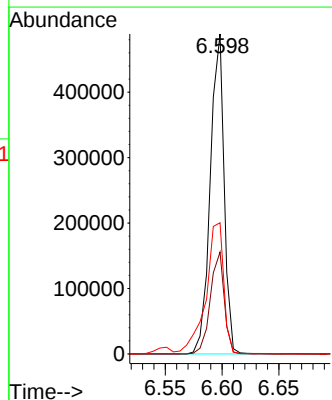
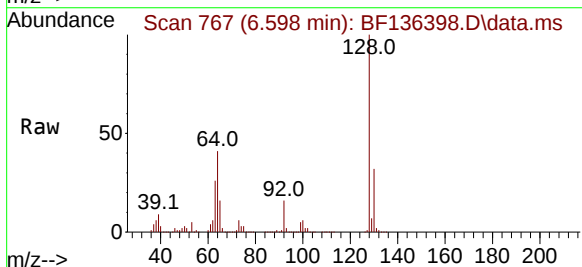
Tgt Ion: 128 Resp: 413646

Ion Ratio Lower Upper

128 100

130 31.8 10.3 50.3

64 41.0 30.0 70.0





#9

Benzaldehyde

Concen: 35.804 ng

RT: 6.363 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF136398.D

Acq: 05 Dec 2023 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

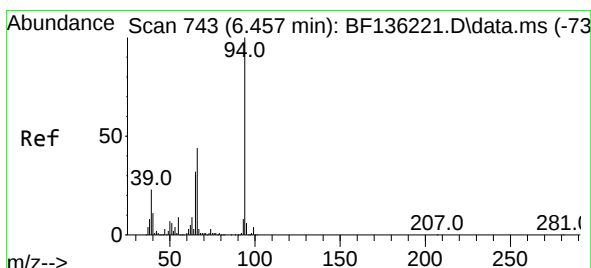
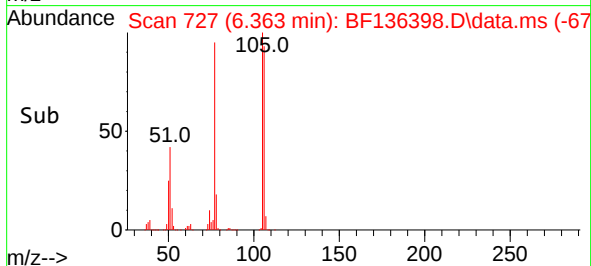
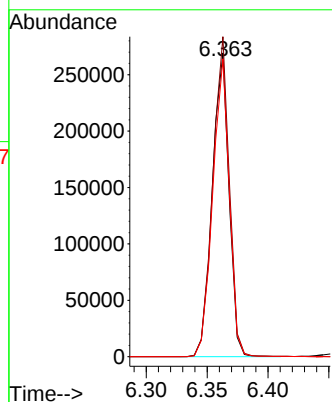
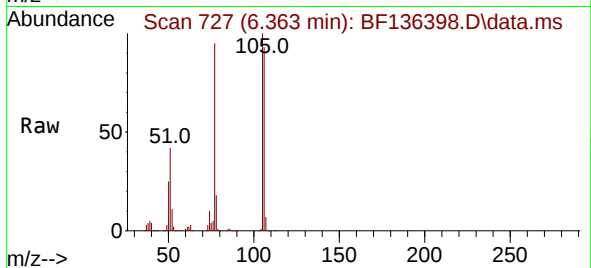
Tgt Ion: 77 Resp: 255671

Ion Ratio Lower Upper

77 100

105 105.3 84.3 124.3

106 98.1 71.0 111.0



#10

Phenol

Concen: 36.248 ng

RT: 6.463 min Scan# 744

Delta R.T. 0.006 min

Lab File: BF136398.D

Acq: 05 Dec 2023 10:04

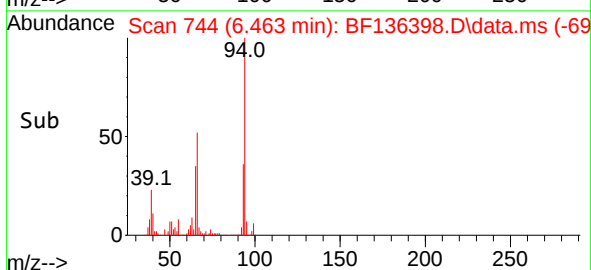
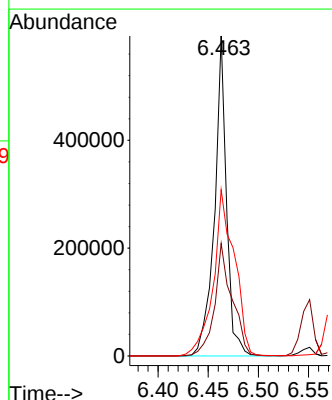
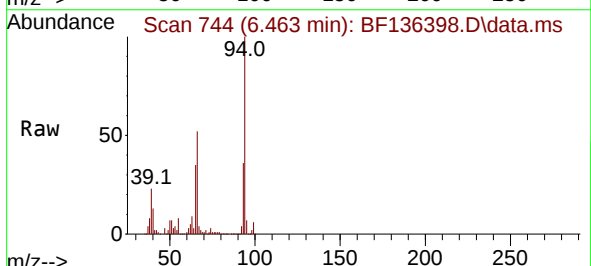
Tgt Ion: 94 Resp: 498236

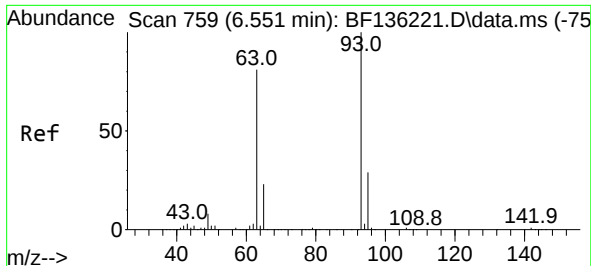
Ion Ratio Lower Upper

94 100

65 35.2 12.5 52.5

66 52.0 24.1 64.1

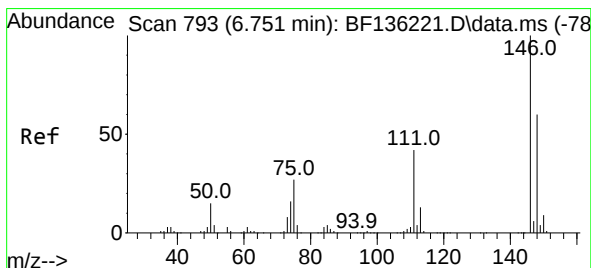
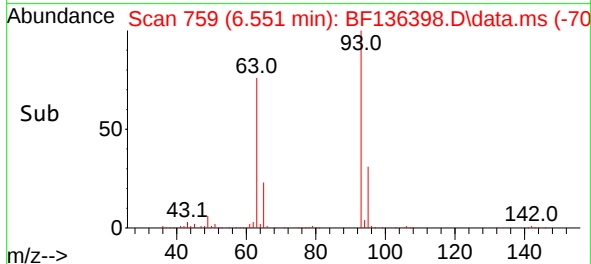
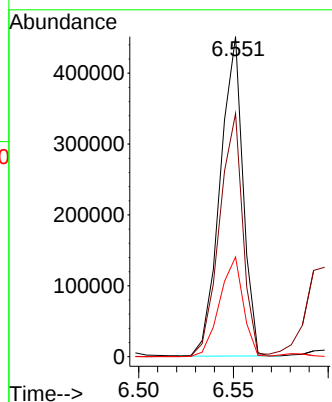
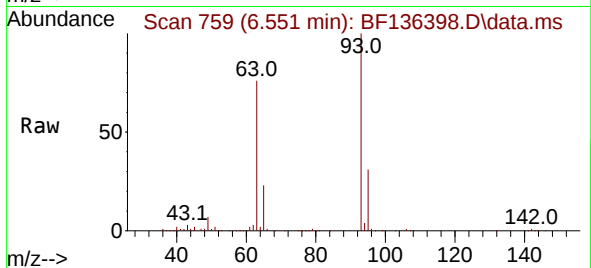




#11
bis(2-Chloroethyl)ether
Concen: 37.608 ng
RT: 6.551 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

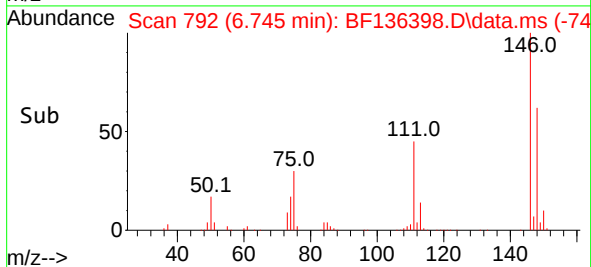
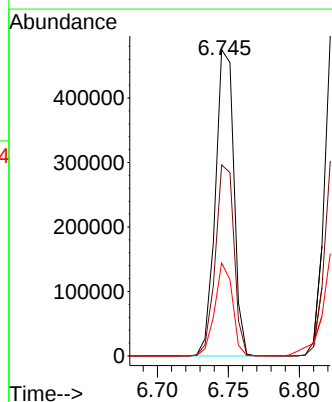
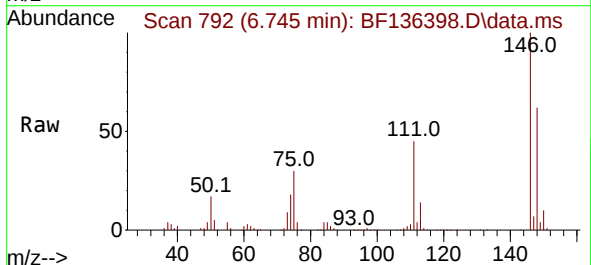
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

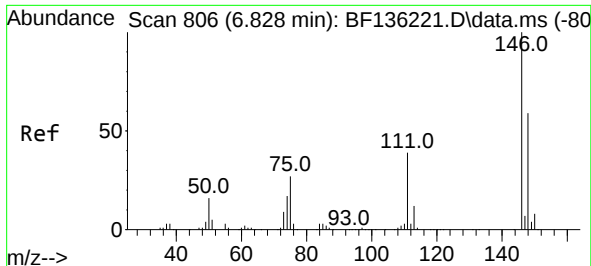
Tgt Ion: 93 Resp: 379227
Ion Ratio Lower Upper
93 100
63 76.0 60.2 100.2
95 31.2 9.1 49.1



#12
1,3-Dichlorobenzene
Concen: 33.998 ng
RT: 6.745 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

Tgt Ion:146 Resp: 430464
Ion Ratio Lower Upper
146 100
148 62.4 47.8 71.6
75 30.4 22.0 33.0

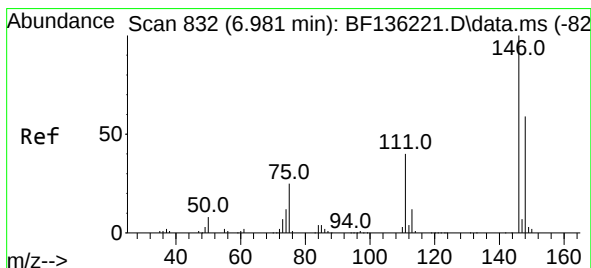
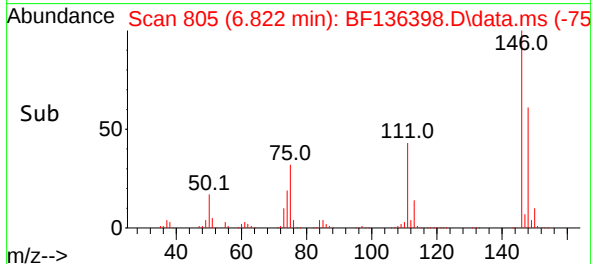
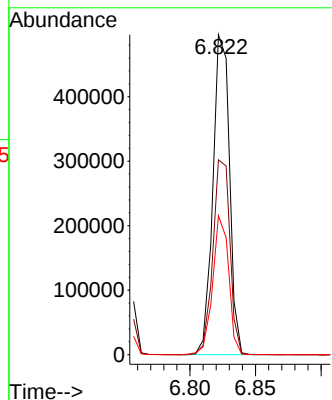
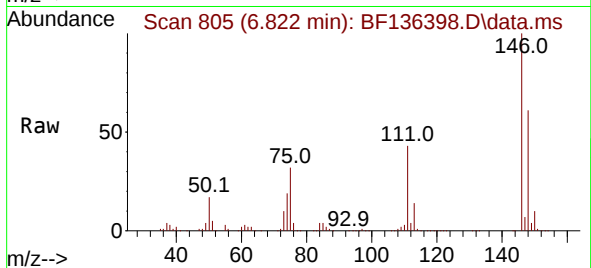




#13
1,4-Dichlorobenzene
Concen: 33.919 ng
RT: 6.822 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

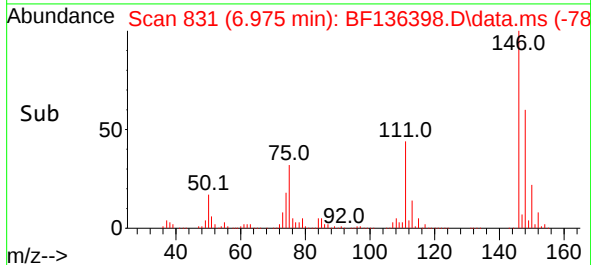
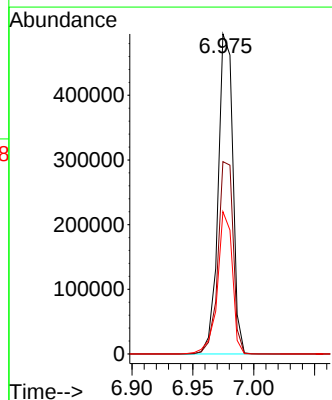
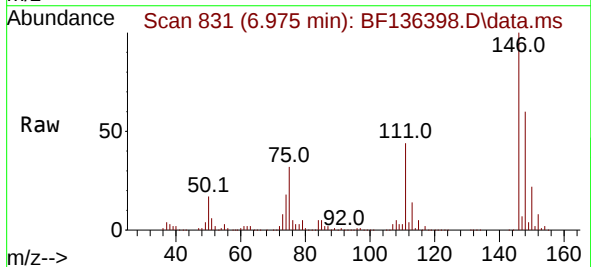
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

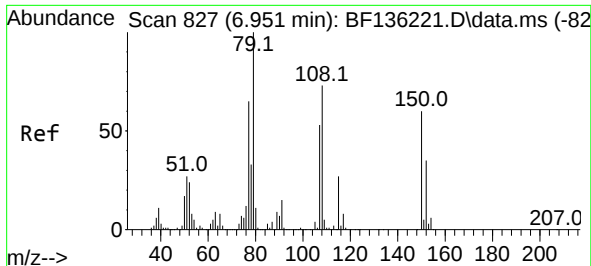
Tgt Ion:146 Resp: 436585
Ion Ratio Lower Upper
146 100
148 60.9 47.0 70.6
111 43.4 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 34.242 ng
RT: 6.975 min Scan# 831
Delta R.T. 0.000 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

Tgt Ion:146 Resp: 417255
Ion Ratio Lower Upper
146 100
148 60.1 47.3 70.9
111 44.5 32.4 48.6

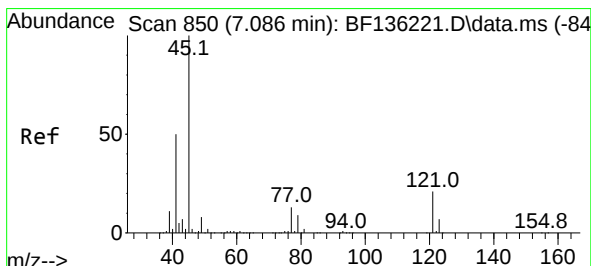
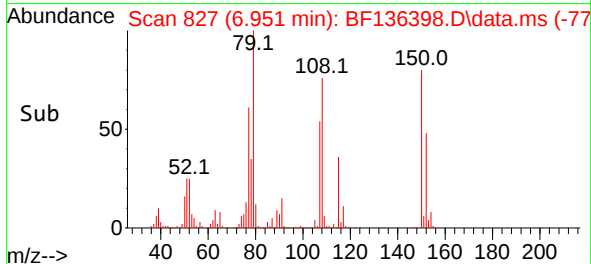
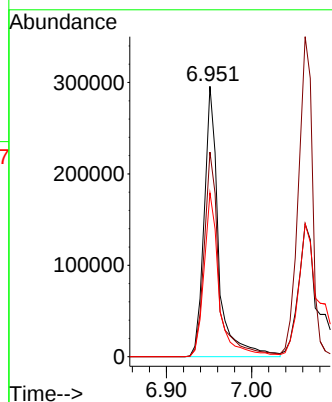
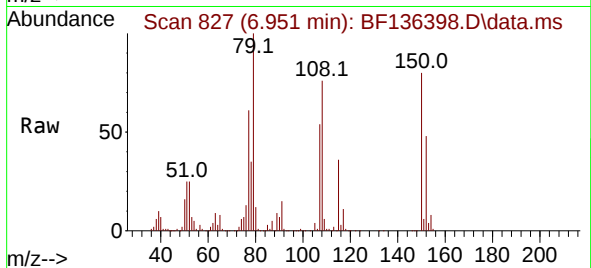




#15
Benzyl Alcohol
Concen: 38.774 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

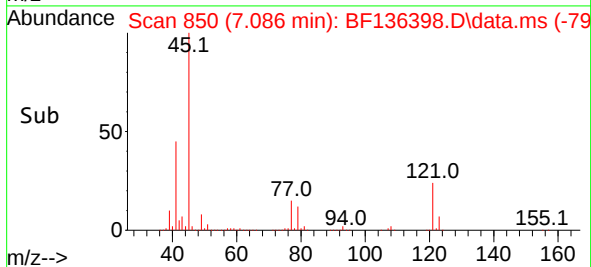
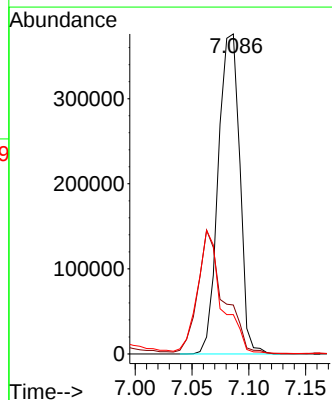
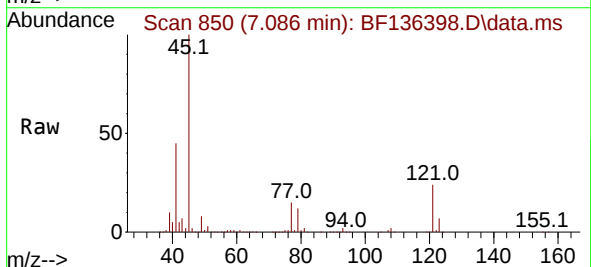
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

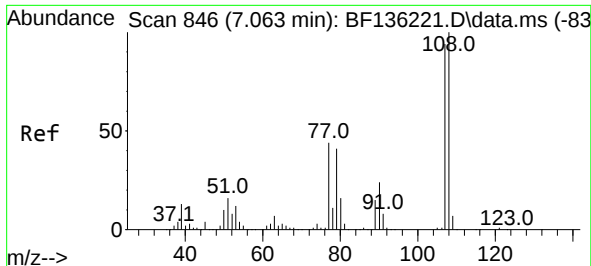
Tgt Ion: 79 Resp: 348302
Ion Ratio Lower Upper
79 100
108 75.7 58.1 87.1
77 60.6 51.8 77.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.318 ng
RT: 7.086 min Scan# 850
Delta R.T. 0.006 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

Tgt Ion: 45 Resp: 494669
Ion Ratio Lower Upper
45 100
77 15.3 0.0 34.0
79 12.3 0.0 30.1

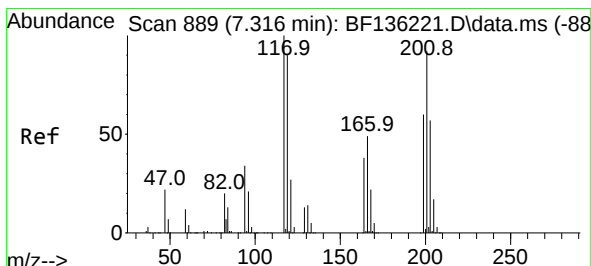
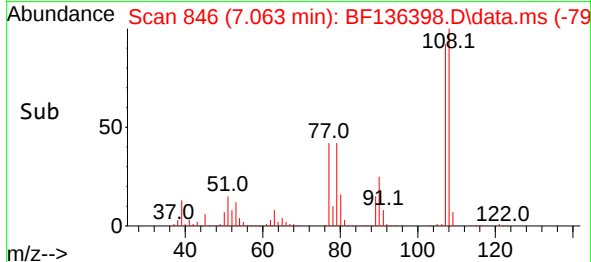
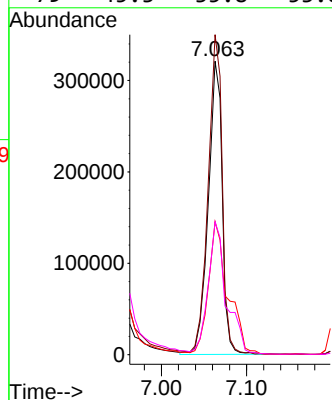
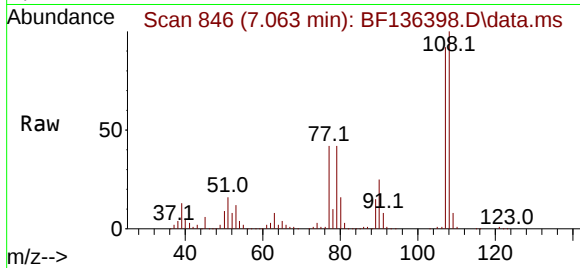




#17
2-Methylphenol
Concen: 41.687 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.006 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

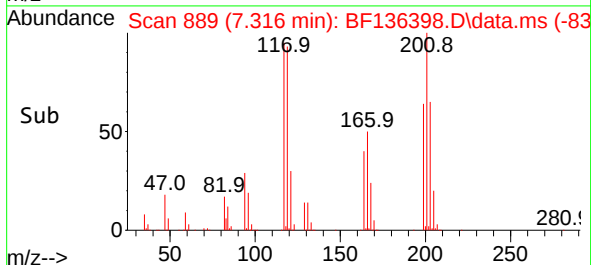
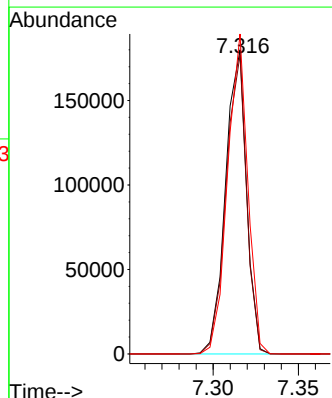
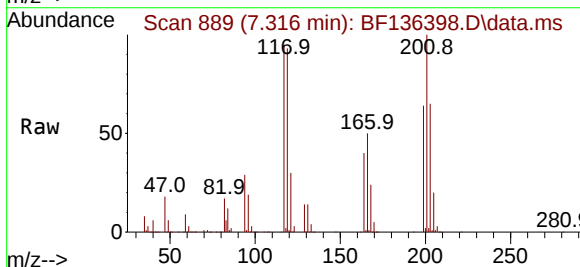
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 365653
Ion Ratio Lower Upper
107 100
108 109.0 85.4 128.0
77 45.3 37.4 56.2
79 45.3 35.8 53.8



#18
Hexachloroethane
Concen: 34.092 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.006 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

Tgt Ion:117 Resp: 153921
Ion Ratio Lower Upper
117 100
119 98.5 71.6 107.4
201 105.3 73.4 110.2



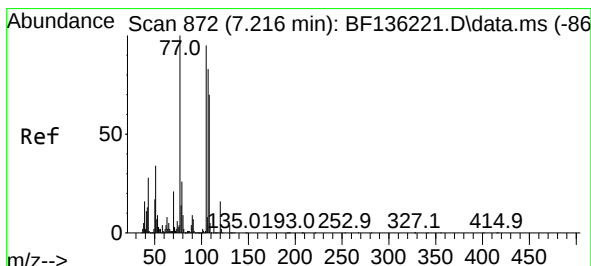
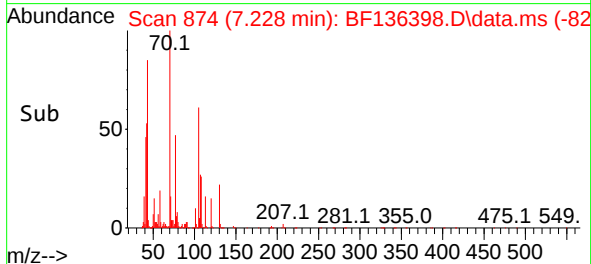
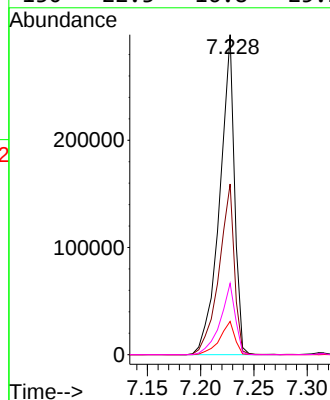
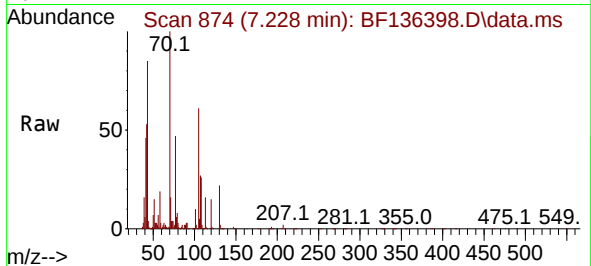


#19
n-Nitroso-di-n-propylamine
Concen: 37.580 ng
RT: 7.228 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 287968

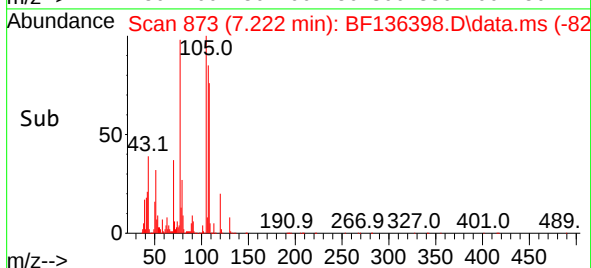
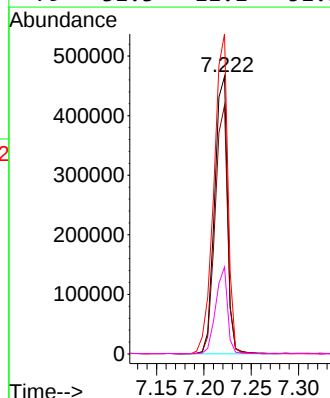
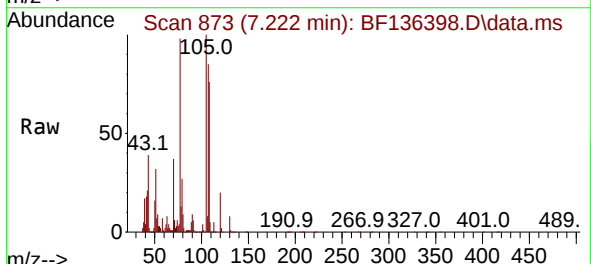
Ion	Ratio	Lower	Upper
70	100		
42	53.4	47.0	70.4
101	10.4	7.8	11.8
130	22.3	16.8	25.2



#20
3+4-Methylphenols
Concen: 38.566 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.006 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

Tgt Ion: 107 Resp: 439647

Ion	Ratio	Lower	Upper
107	100		
108	89.6	63.9	103.9
77	115.4	100.2	140.2
79	31.3	11.1	51.1

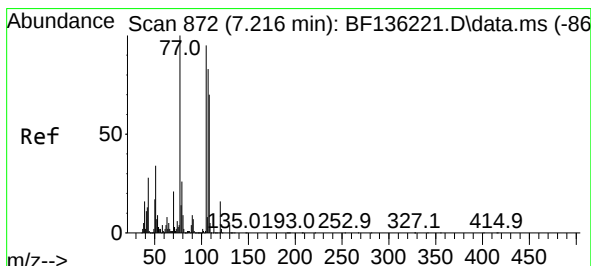
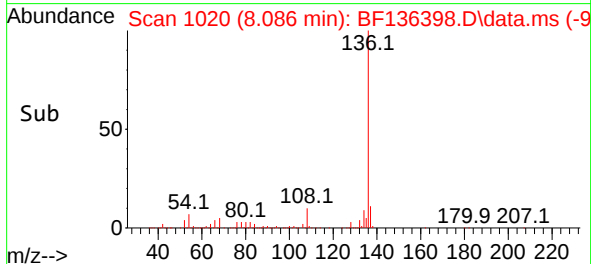
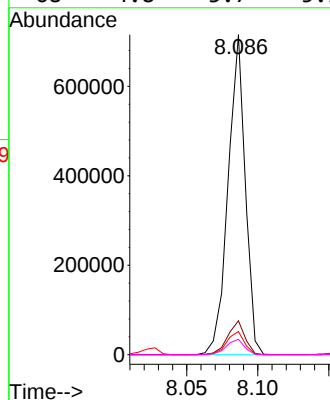
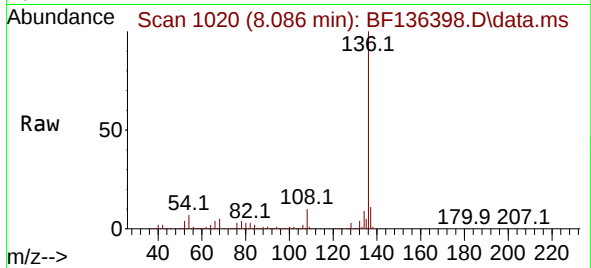




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1020
Delta R.T. 0.006 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

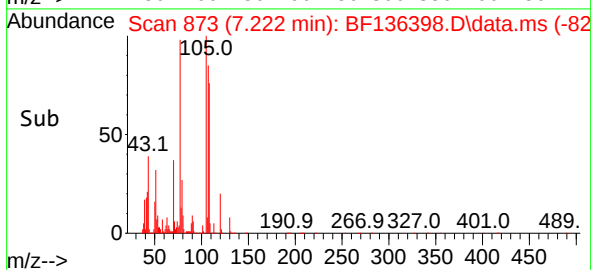
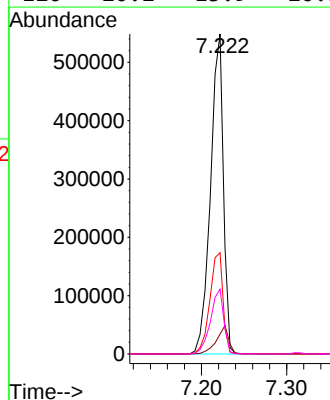
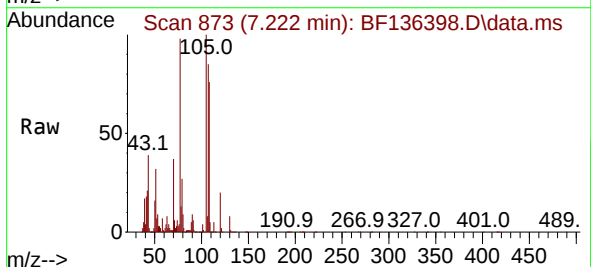
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

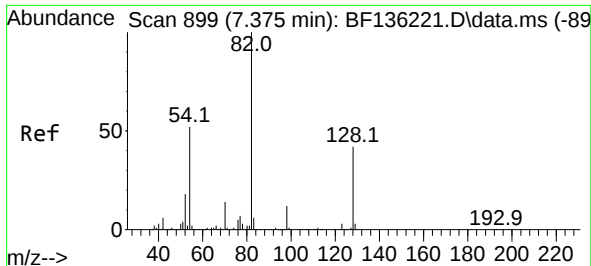
Tgt Ion:136 Resp: 602027
Ion Ratio Lower Upper
136 100
137 10.6 7.4 11.2
54 7.3 5.5 8.3
68 4.8 3.7 5.5



#22
Acetophenone
Concen: 36.435 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.006 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

Tgt Ion:105 Resp: 576081
Ion Ratio Lower Upper
105 100
71 6.2 2.8 4.2#
51 31.7 29.0 43.6
120 20.2 13.9 20.9





#23

Nitrobenzene-d5

Concen: 76.621 ng

RT: 7.375 min Scan# 899

Delta R.T. 0.006 min

Lab File: BF136398.D

Acq: 05 Dec 2023 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

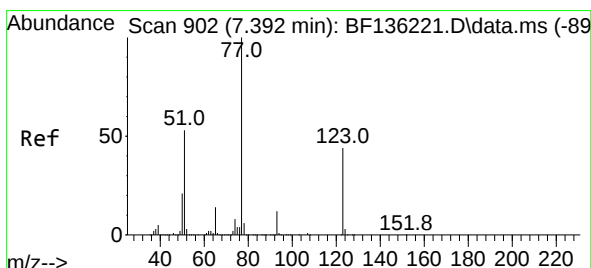
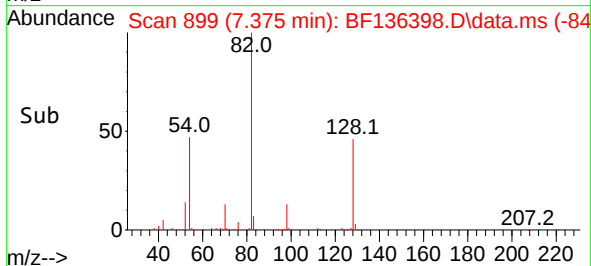
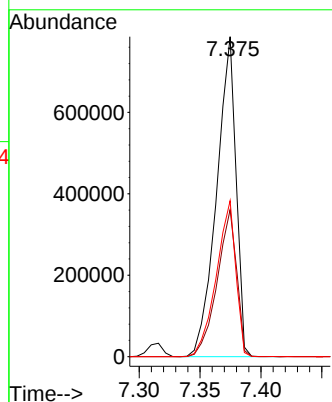
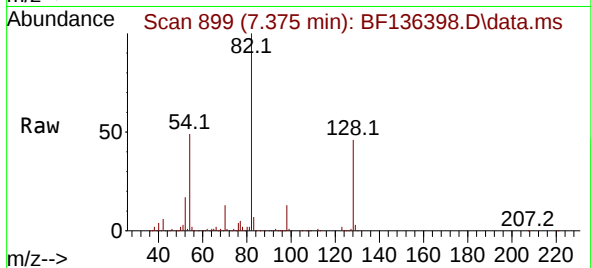
Tgt Ion: 82 Resp: 872922

Ion Ratio Lower Upper

82 100

128 45.9 33.4 50.2

54 48.7 41.7 62.5



#24

Nitrobenzene

Concen: 36.684 ng

RT: 7.392 min Scan# 902

Delta R.T. 0.006 min

Lab File: BF136398.D

Acq: 05 Dec 2023 10:04

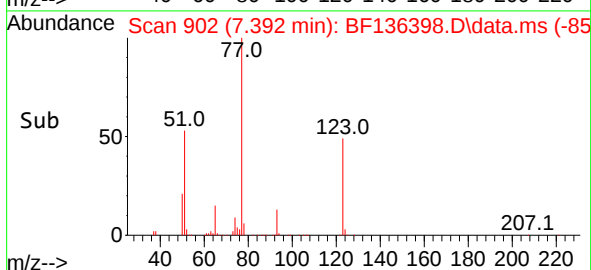
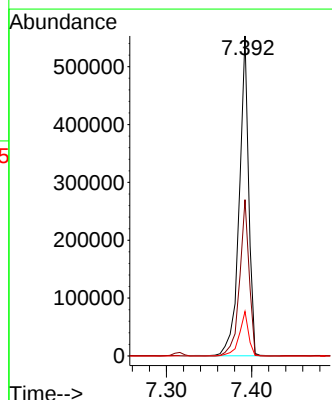
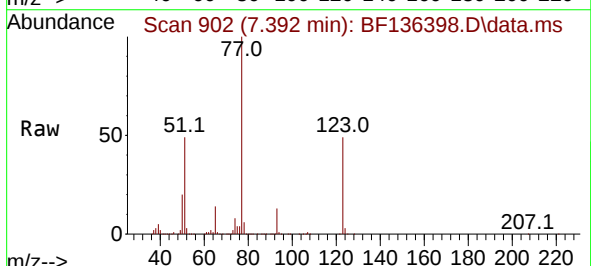
Tgt Ion: 77 Resp: 423524

Ion Ratio Lower Upper

77 100

123 48.9 35.4 53.2

65 13.9 11.0 16.6

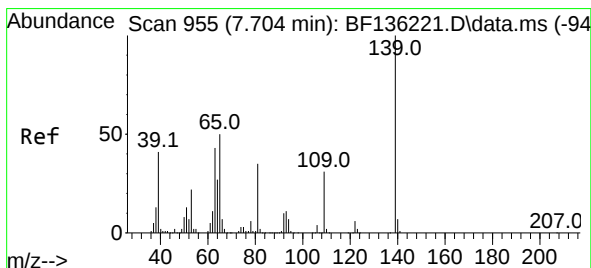
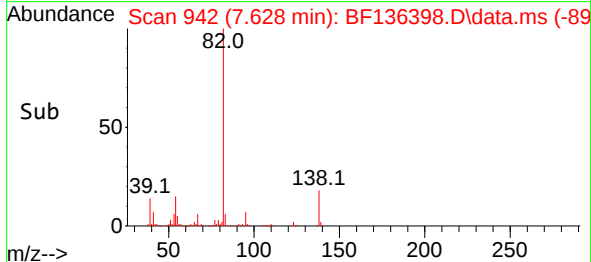
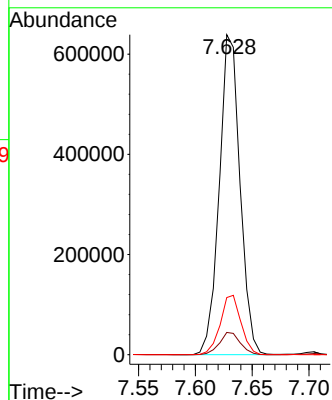
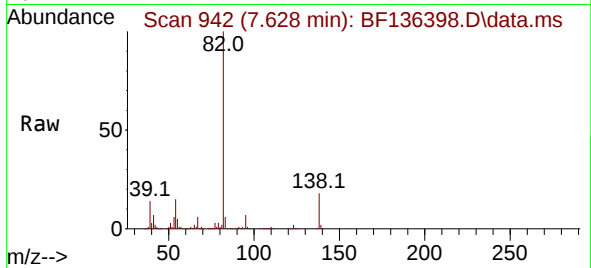




#25
Isophorone
Concen: 39.492 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

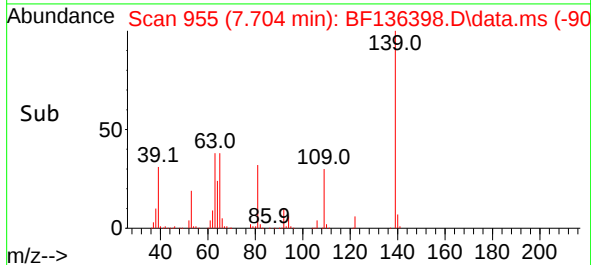
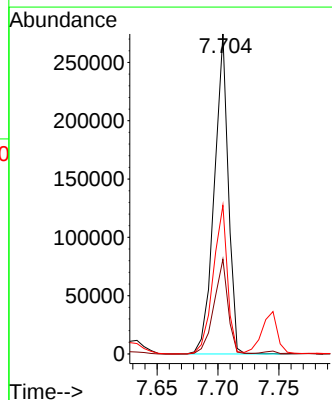
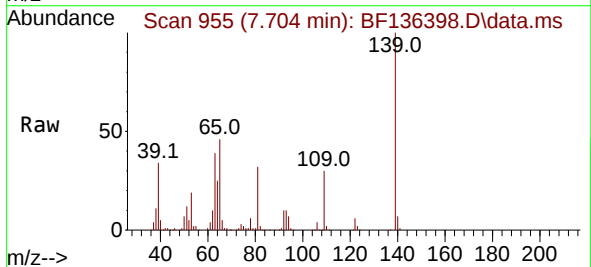
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

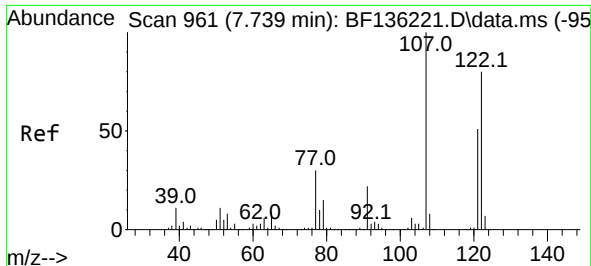
Tgt Ion: 82 Resp: 811267
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 17.9 12.8 19.2



#26
2-Nitrophenol
Concen: 44.593 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.006 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

Tgt Ion: 139 Resp: 219358
Ion Ratio Lower Upper
139 100
109 29.6 25.0 37.6
65 46.4 40.4 60.6

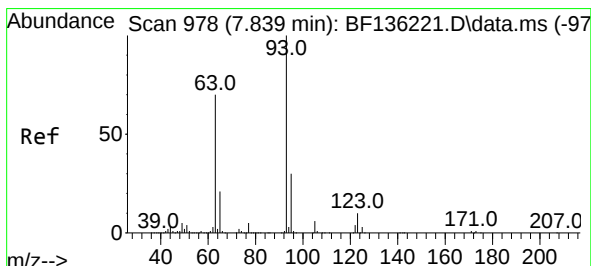
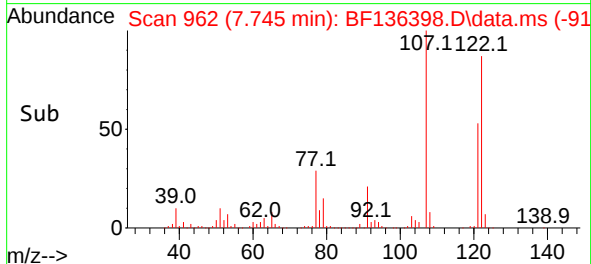
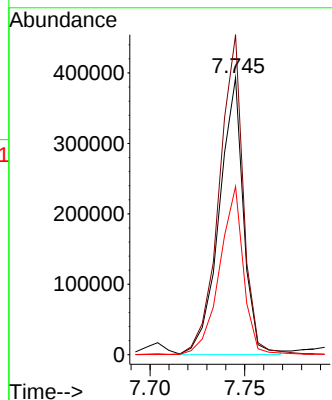
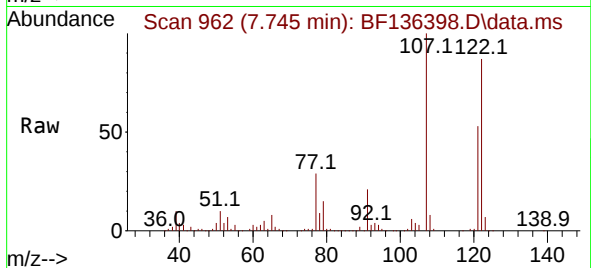




#27
2,4-Dimethylphenol
Concen: 53.866 ng
RT: 7.745 min Scan# 961
Delta R.T. 0.006 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

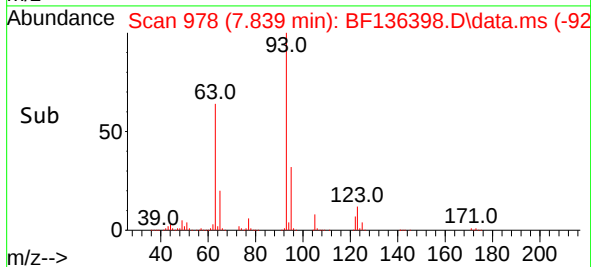
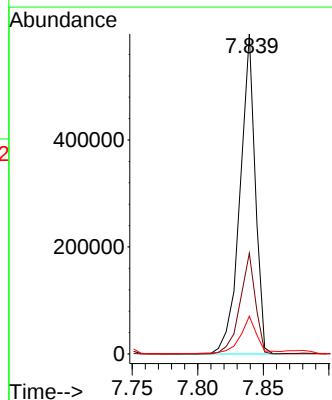
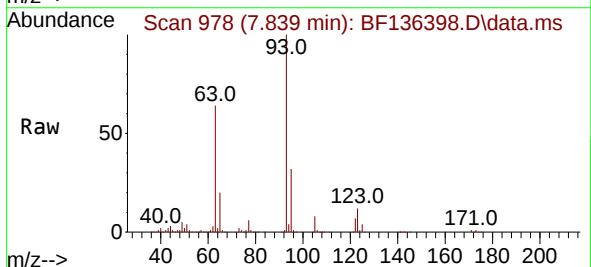
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 348763
Ion Ratio Lower Upper
122 100
107 115.6 100.0 150.0
121 60.7 50.7 76.1



#28
bis(2-Chloroethoxy)methane
Concen: 39.141 ng
RT: 7.839 min Scan# 978
Delta R.T. 0.006 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

Tgt Ion: 93 Resp: 486351
Ion Ratio Lower Upper
93 100
95 31.5 23.8 35.6
123 11.8 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 40.205 ng

RT: 7.945 min Scan# 996

Delta R.T. 0.006 min

Lab File: BF136398.D

Acq: 05 Dec 2023 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

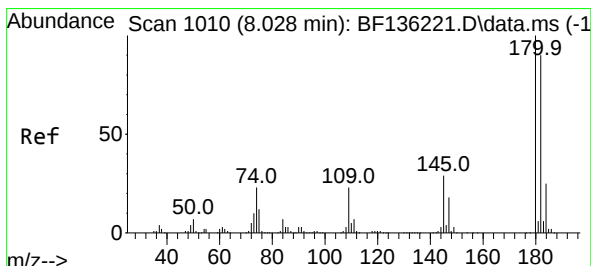
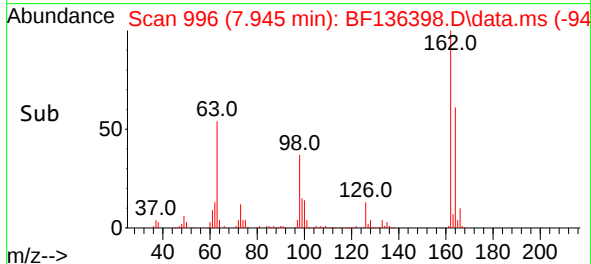
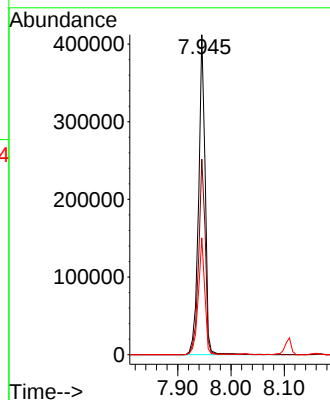
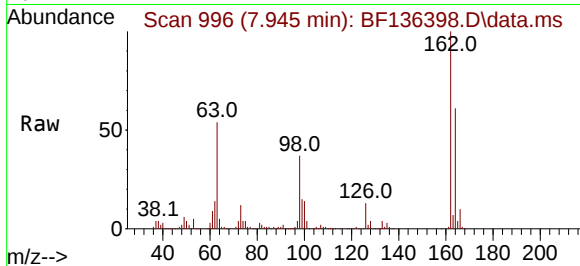
Tgt Ion:162 Resp: 351111

Ion Ratio Lower Upper

162 100

164 61.1 40.3 80.3

98 36.5 13.0 53.0



#30

1,2,4-Trichlorobenzene

Concen: 35.930 ng

RT: 8.028 min Scan# 1010

Delta R.T. 0.006 min

Lab File: BF136398.D

Acq: 05 Dec 2023 10:04

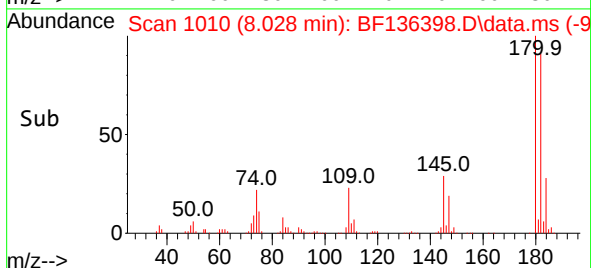
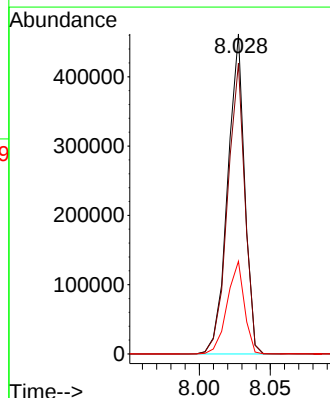
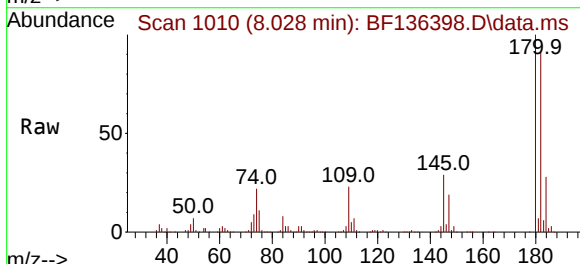
Tgt Ion:180 Resp: 384163

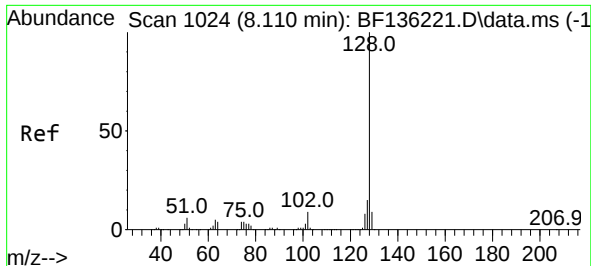
Ion Ratio Lower Upper

180 100

182 90.9 71.6 107.4

145 28.9 23.0 34.4

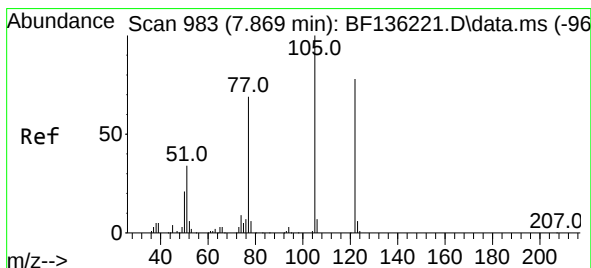
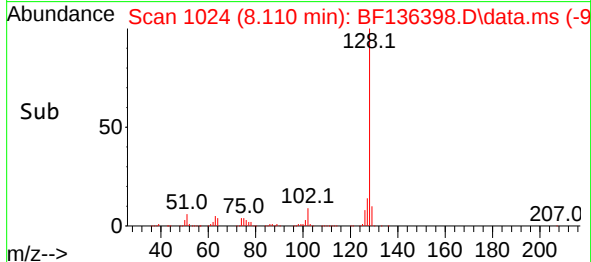
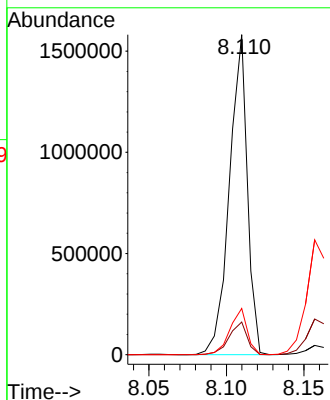
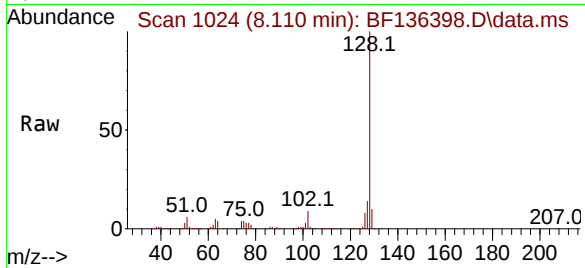




#31
Naphthalene
Concen: 37.569 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

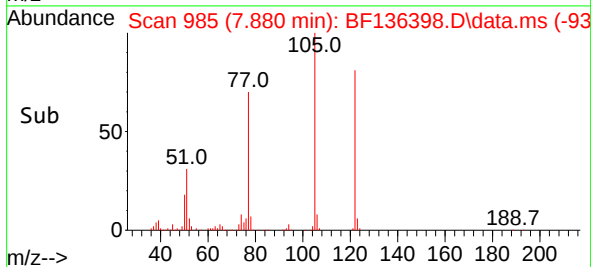
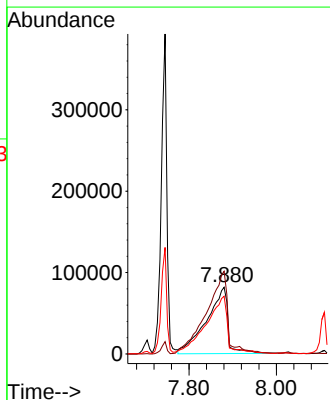
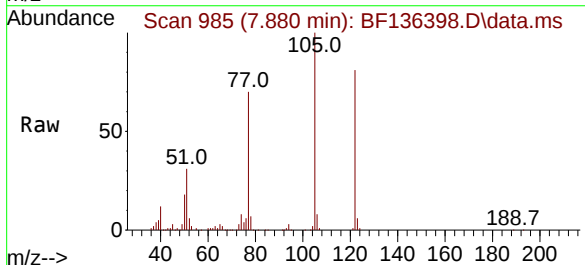
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

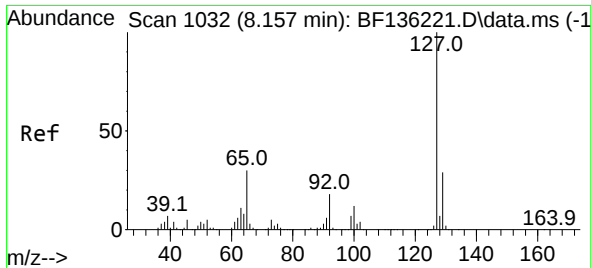
Tgt Ion:128 Resp: 1271273
Ion Ratio Lower Upper
128 100
129 10.2 7.3 10.9
127 14.5 11.8 17.6



#32
Benzoic acid
Concen: 47.187 ng
RT: 7.880 min Scan# 985
Delta R.T. 0.012 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

Tgt Ion:122 Resp: 278441
Ion Ratio Lower Upper
122 100
105 123.8 103.7 143.7
77 86.6 66.8 106.8

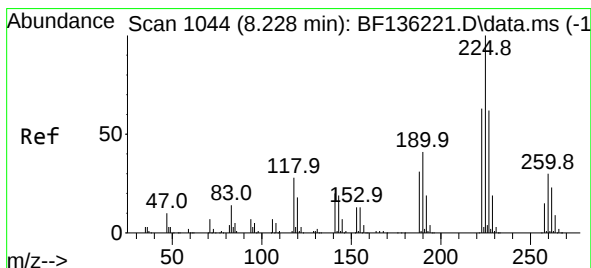
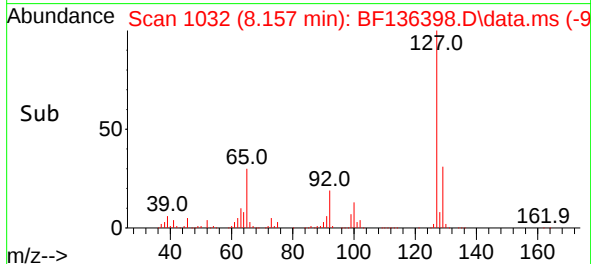
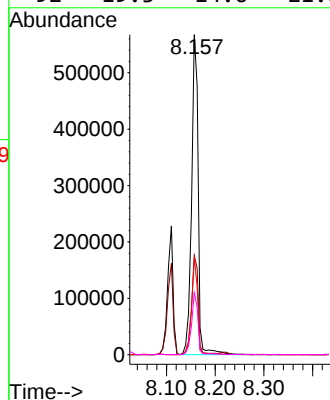
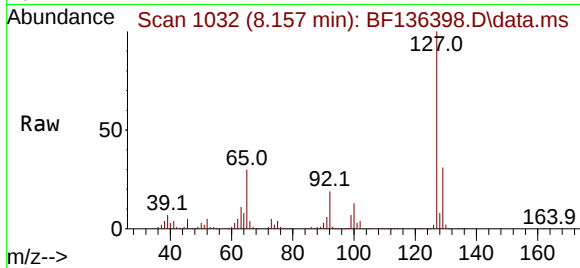




#33
4-Chloroaniline
Concen: 46.182 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

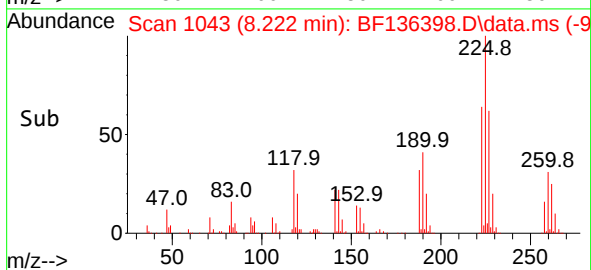
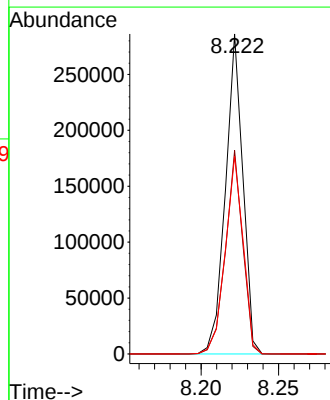
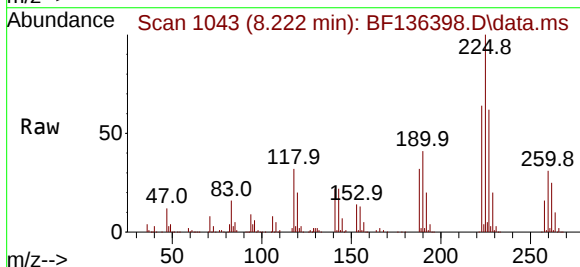
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

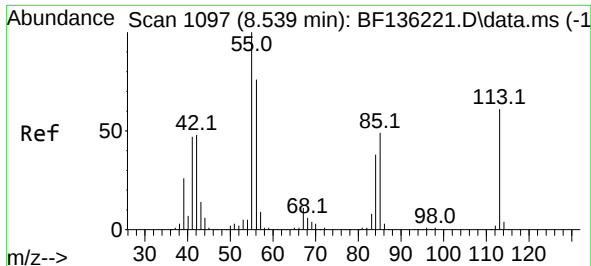
Tgt Ion:	127	Resp:	531196
Ion	Ratio	Lower	Upper
127	100		
129	31.0	23.4	35.2
65	30.4	23.8	35.6
92	19.3	14.6	21.8



#34
Hexachlorobutadiene
Concen: 35.728 ng
RT: 8.222 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

Tgt Ion:	225	Resp:	223490
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	75.8
227	61.8	49.6	74.4

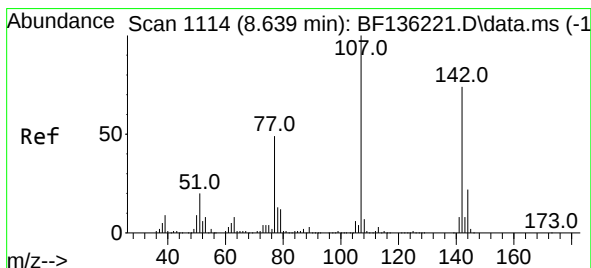
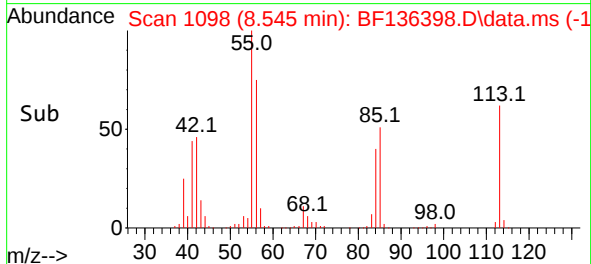
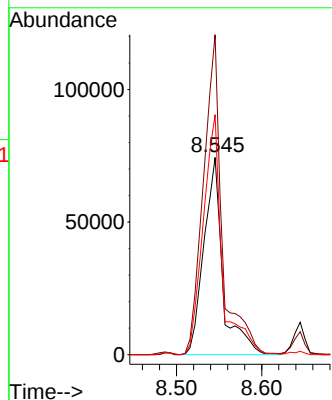
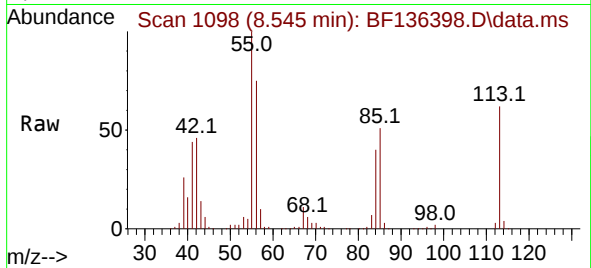




#35
Caprolactam
Concen: 47.145 ng
RT: 8.545 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

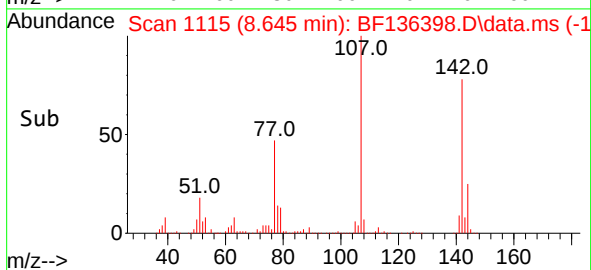
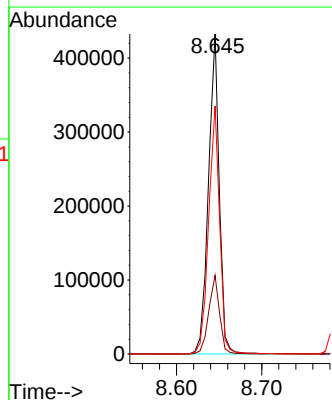
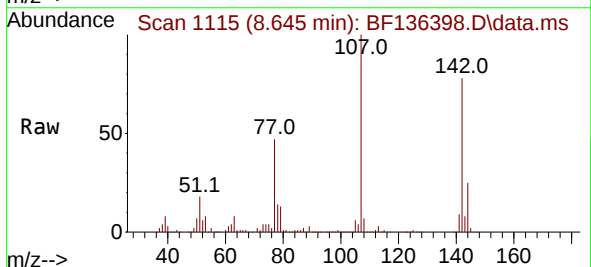
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

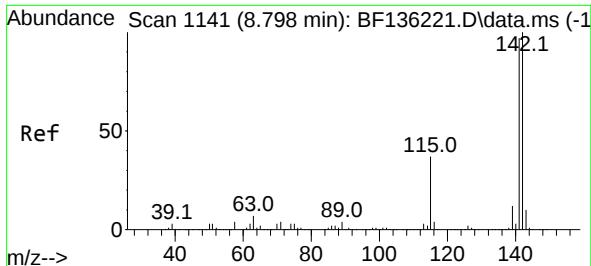
Tgt Ion:113 Resp: 115098
Ion Ratio Lower Upper
113 100
55 162.1 143.1 183.1
56 121.6 103.6 143.6



#36
4-Chloro-3-methylphenol
Concen: 40.267 ng
RT: 8.645 min Scan# 1115
Delta R.T. 0.006 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

Tgt Ion:107 Resp: 381394
Ion Ratio Lower Upper
107 100
144 24.6 17.8 26.8
142 77.5 59.4 89.0

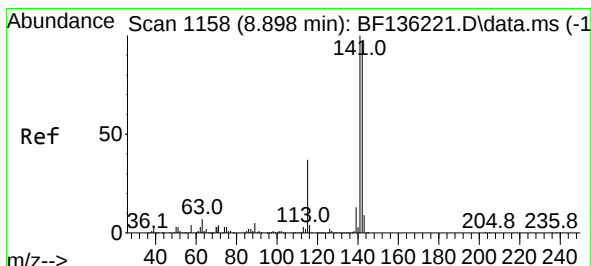
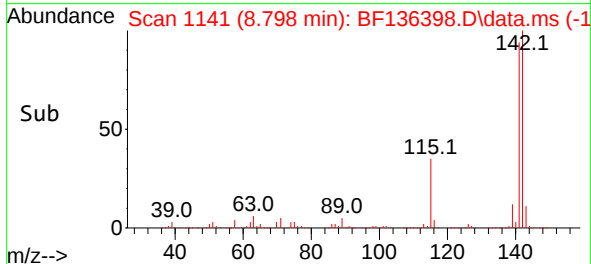
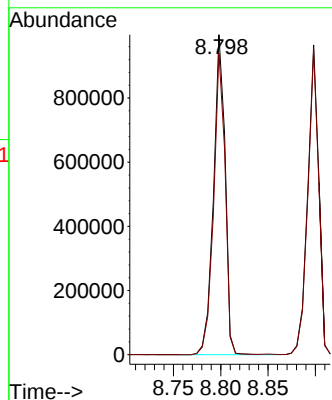
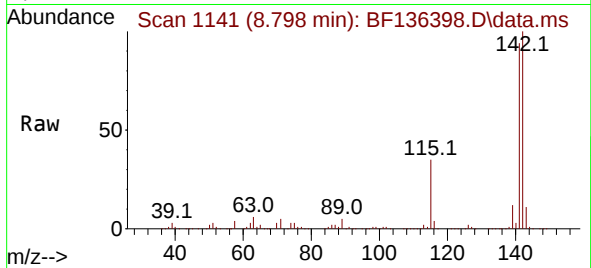




#37
2-Methylnaphthalene
Concen: 39.995 ng
RT: 8.798 min Scan# 1141
Delta R.T. 0.006 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

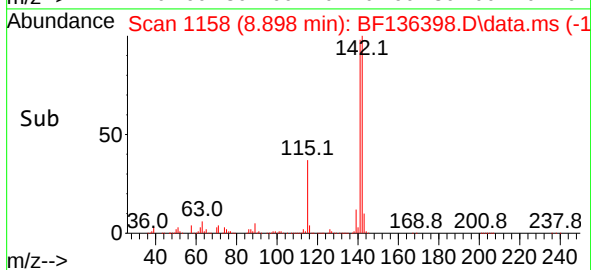
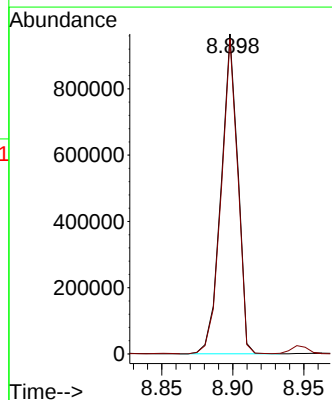
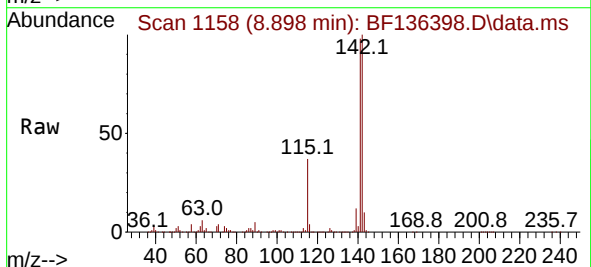
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

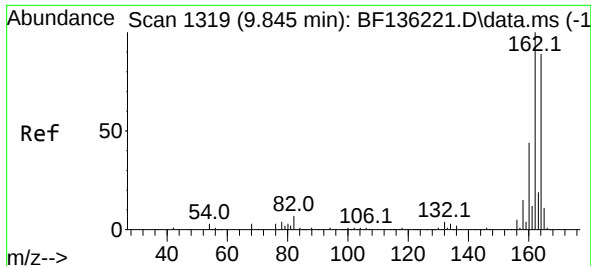
Tgt Ion:142 Resp: 848959
Ion Ratio Lower Upper
142 100
141 94.3 77.8 116.8



#38
1-Methylnaphthalene
Concen: 38.193 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.006 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

Tgt Ion:142 Resp: 790853
Ion Ratio Lower Upper
142 100
141 98.5 83.8 125.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.845 min Scan# 1169

Delta R.T. 0.006 min

Lab File: BF136398.D

Acq: 05 Dec 2023 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

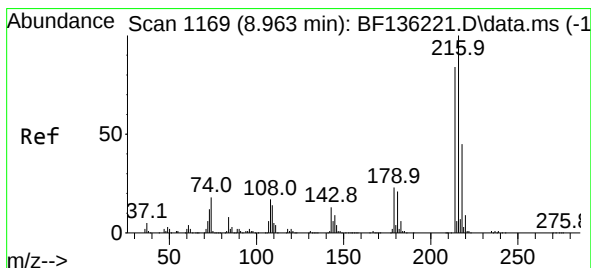
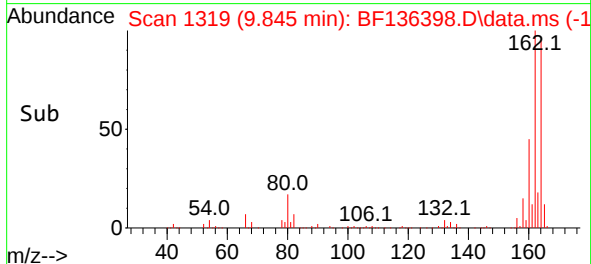
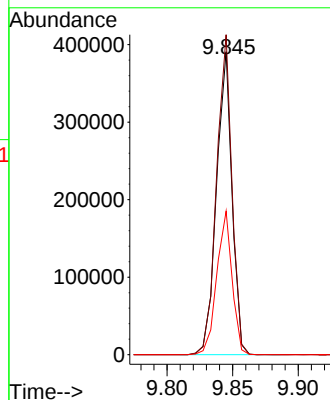
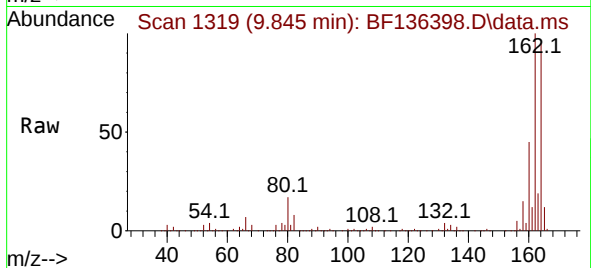
Tgt Ion:164 Resp: 320333

Ion Ratio Lower Upper

164 100

162 105.6 89.5 134.3

160 47.3 39.6 59.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.283 ng

RT: 8.963 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF136398.D

Acq: 05 Dec 2023 10:04

Tgt Ion:216 Resp: 390285

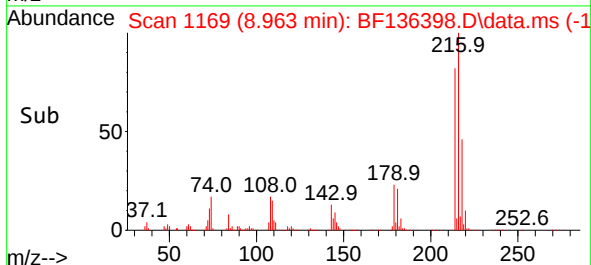
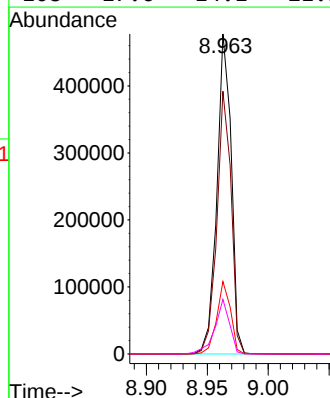
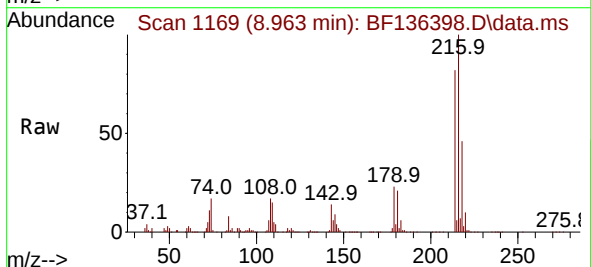
Ion Ratio Lower Upper

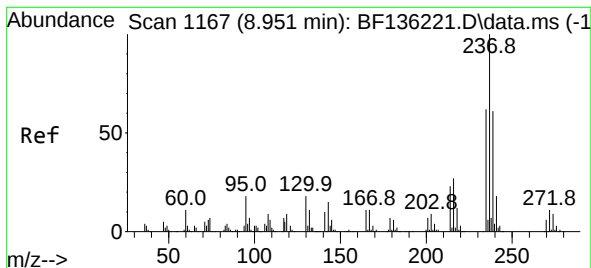
216 100

214 81.4 65.8 98.8

179 21.8 17.4 26.0

108 17.6 14.1 21.1





#41

Hexachlorocyclopentadiene

Concen: 44.430 ng

RT: 8.951 min Scan# 1167

Delta R.T. 0.006 min

Lab File: BF136398.D

Acq: 05 Dec 2023 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

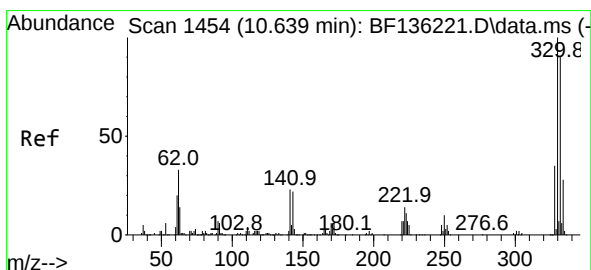
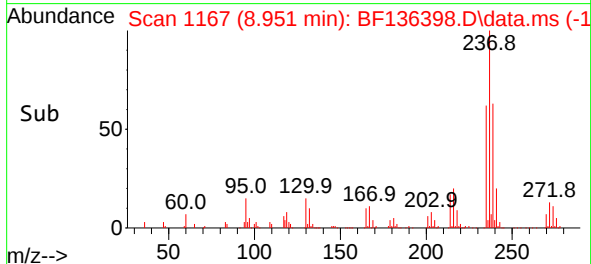
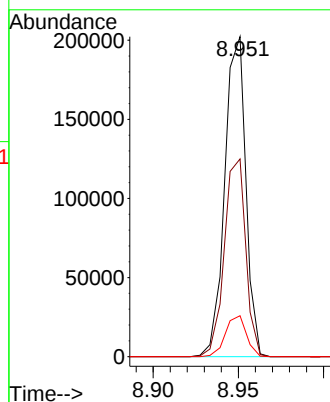
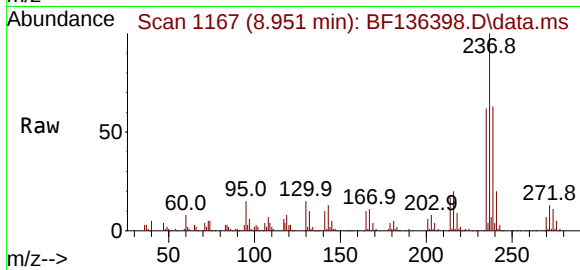
Tgt Ion:237 Resp: 174287

Ion Ratio Lower Upper

237 100

235 61.8 42.1 82.1

272 12.8 0.0 31.0



#42

2,4,6-Tribromophenol

Concen: 79.185 ng

RT: 10.639 min Scan# 1454

Delta R.T. 0.006 min

Lab File: BF136398.D

Acq: 05 Dec 2023 10:04

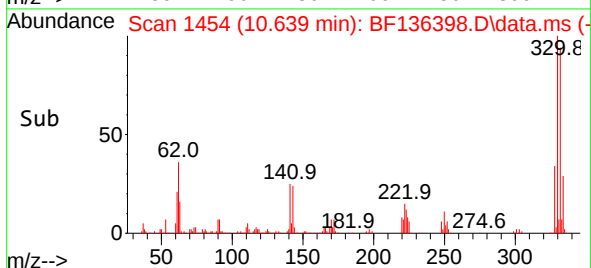
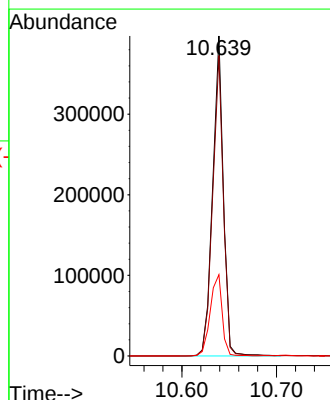
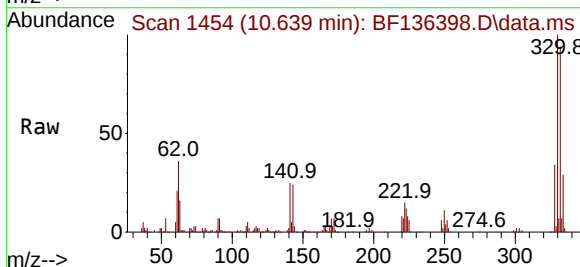
Tgt Ion:330 Resp: 310116

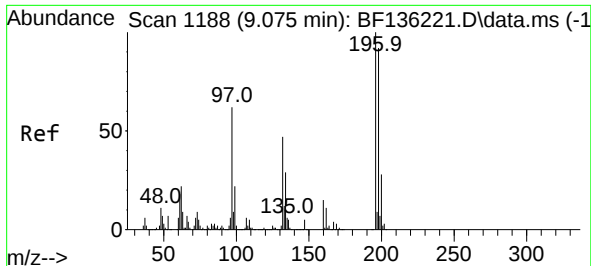
Ion Ratio Lower Upper

330 100

332 94.8 73.0 109.6

141 28.5 24.2 36.2

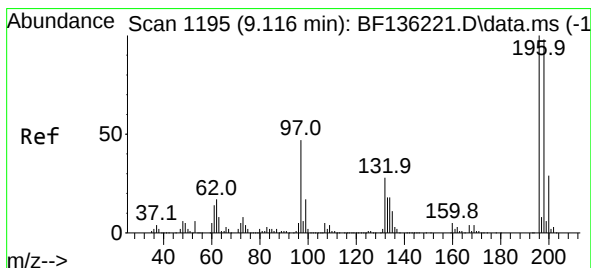
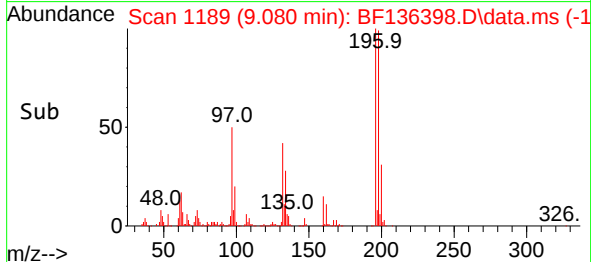
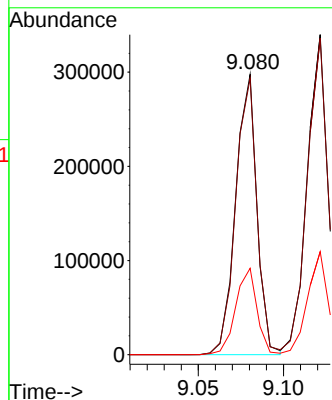
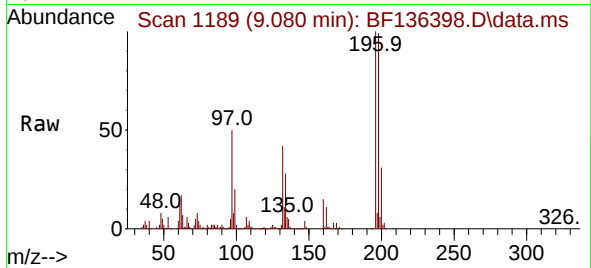




#43
2,4,6-Trichlorophenol
Concen: 38.998 ng
RT: 9.080 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

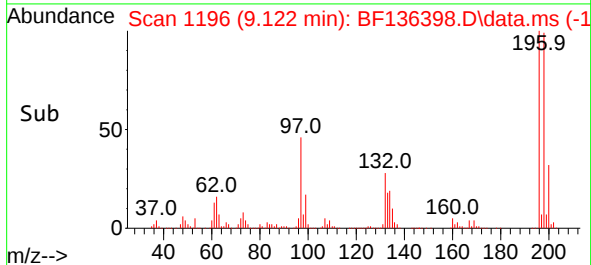
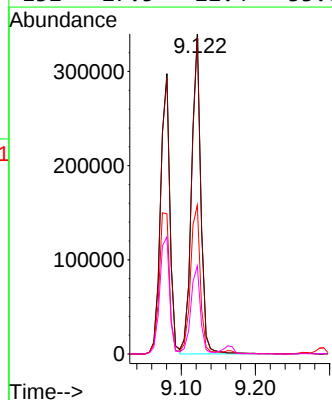
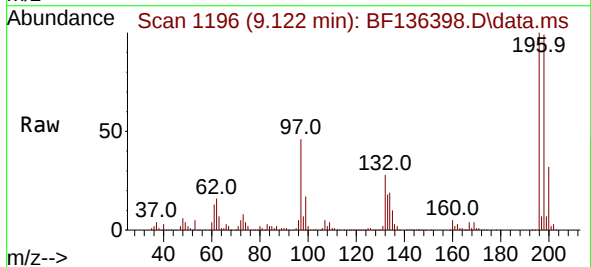
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

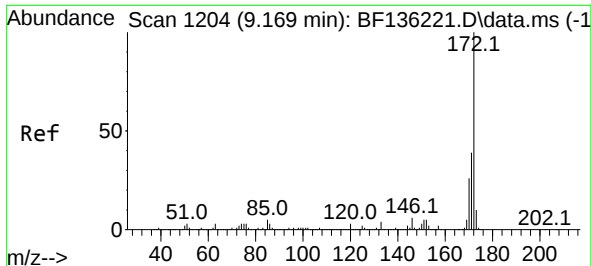
Tgt Ion:196 Resp: 258052
Ion Ratio Lower Upper
196 100
198 98.6 73.2 109.8
200 30.8 22.4 33.6



#44
2,4,5-Trichlorophenol
Concen: 40.898 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

Tgt Ion:196 Resp: 295326
Ion Ratio Lower Upper
196 100
198 98.9 78.8 118.2
97 46.5 37.8 56.8
132 27.5 22.4 33.6





#45

2-Fluorobiphenyl

Concen: 73.011 ng

RT: 9.169 min Scan# 1204

Delta R.T. 0.006 min

Lab File: BF136398.D

Acq: 05 Dec 2023 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

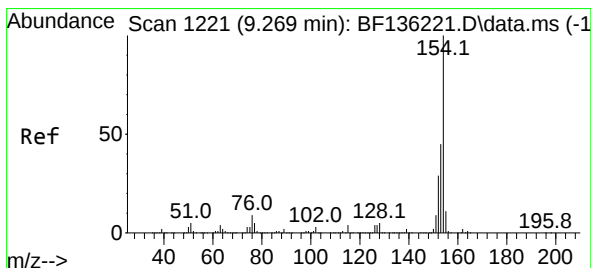
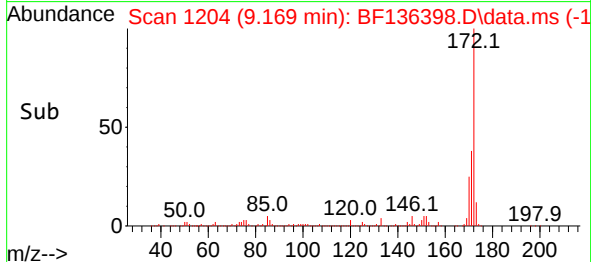
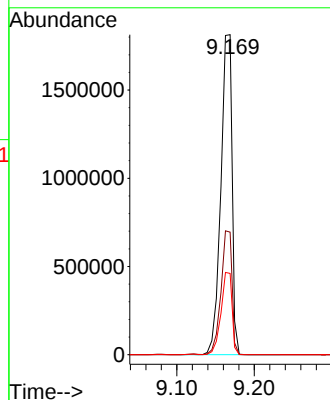
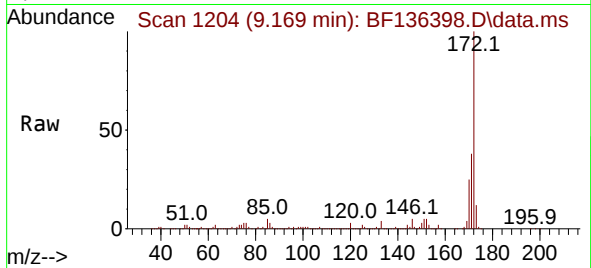
Tgt Ion:172 Resp: 1831025

Ion Ratio Lower Upper

172 100

171 38.3 31.5 47.3

170 25.4 20.8 31.2



#46

1,1'-Biphenyl

Concen: 37.796 ng

RT: 9.269 min Scan# 1221

Delta R.T. 0.006 min

Lab File: BF136398.D

Acq: 05 Dec 2023 10:04

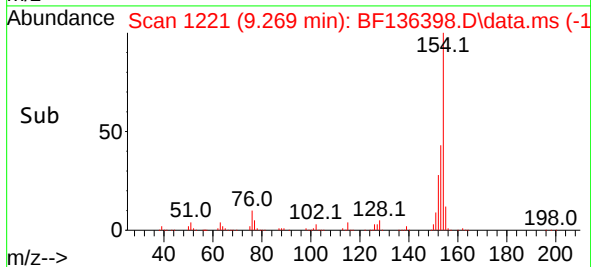
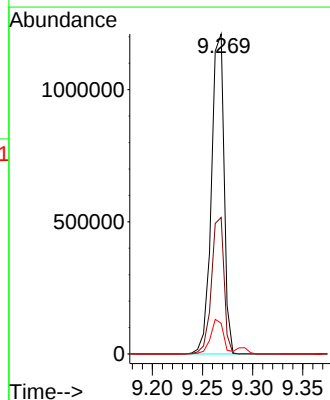
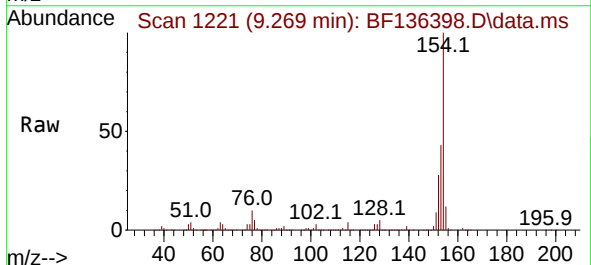
Tgt Ion:154 Resp: 1067672

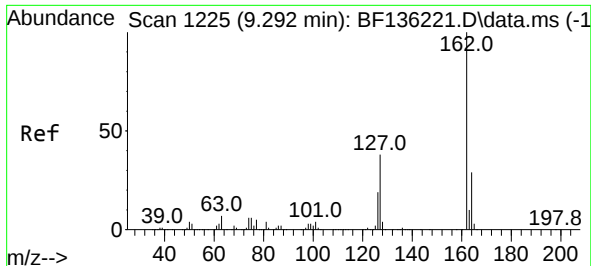
Ion Ratio Lower Upper

154 100

153 42.7 24.6 64.6

76 9.6 0.0 29.4





#47

2-Chloronaphthalene

Concen: 35.466 ng

RT: 9.292 min Scan# 1225

Delta R.T. 0.006 min

Lab File: BF136398.D

Acq: 05 Dec 2023 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

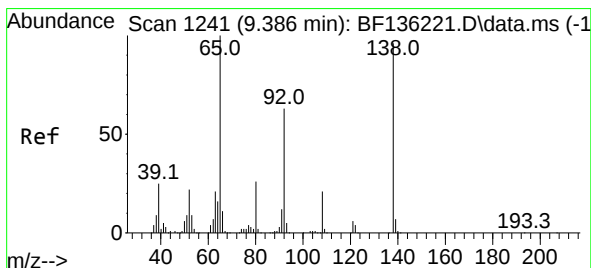
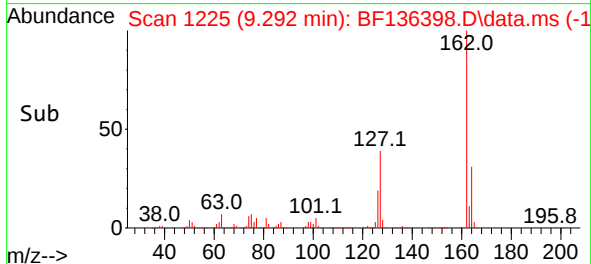
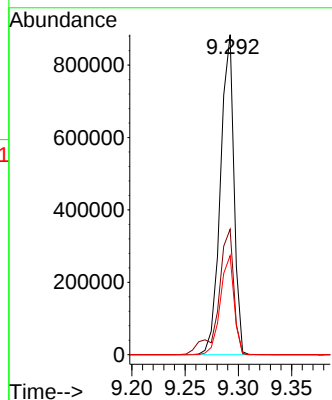
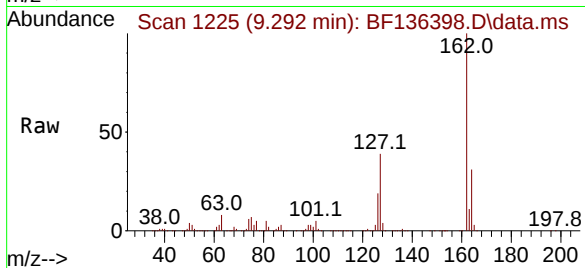
Tgt Ion:162 Resp: 778034

Ion Ratio Lower Upper

162 100

127 39.2 30.2 45.2

164 31.0 22.8 34.2



#48

2-Nitroaniline

Concen: 41.713 ng

RT: 9.386 min Scan# 1241

Delta R.T. 0.000 min

Lab File: BF136398.D

Acq: 05 Dec 2023 10:04

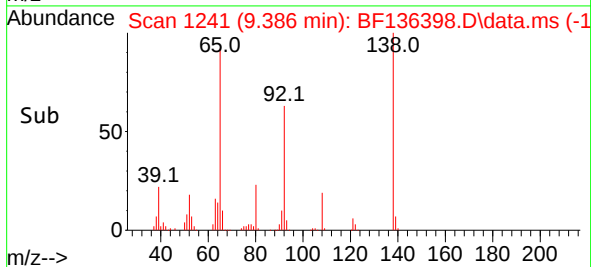
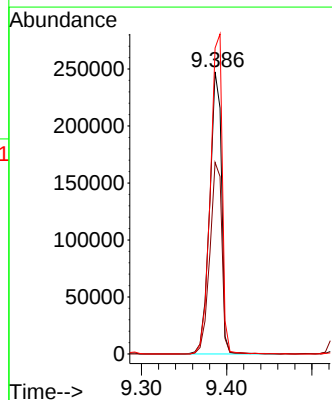
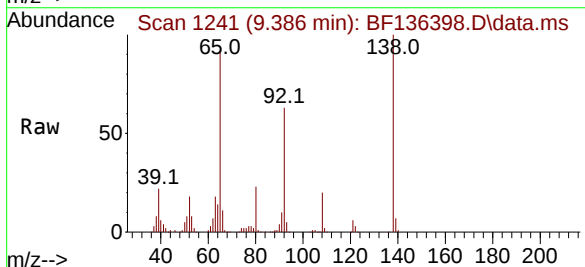
Tgt Ion: 65 Resp: 238910

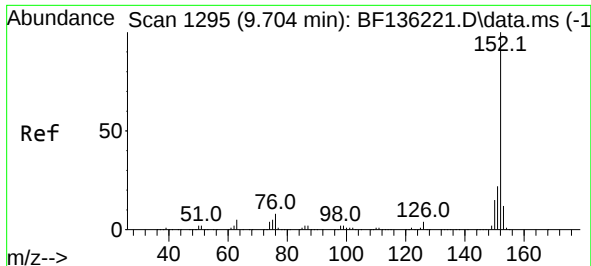
Ion Ratio Lower Upper

65 100

92 67.9 50.6 75.8

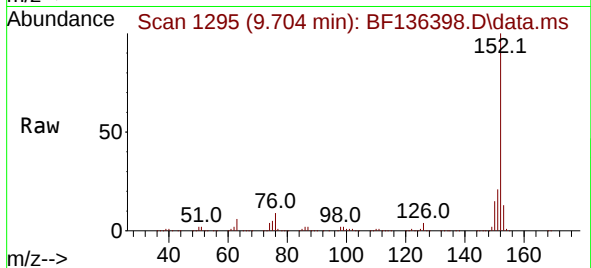
138 108.4 76.7 115.1



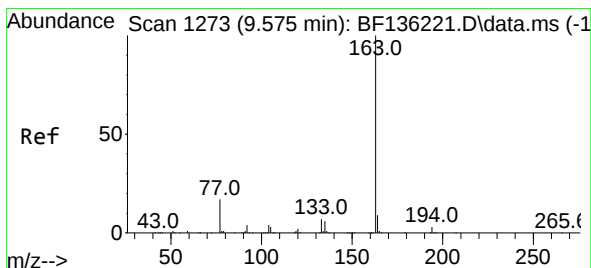
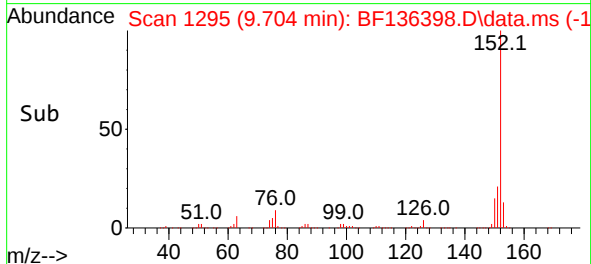
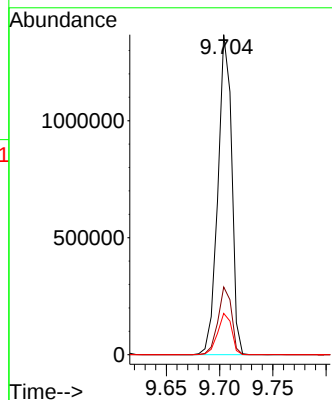


#49
Acenaphthylene
Concen: 39.248 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

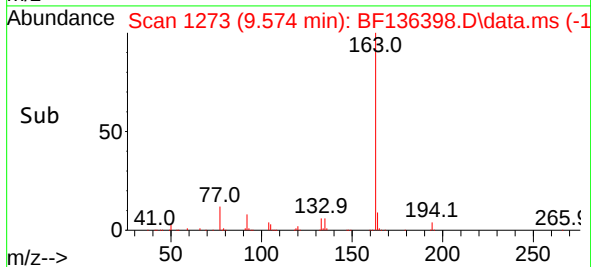
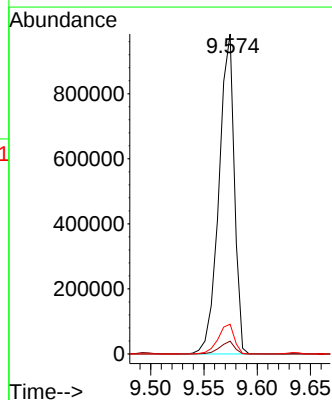
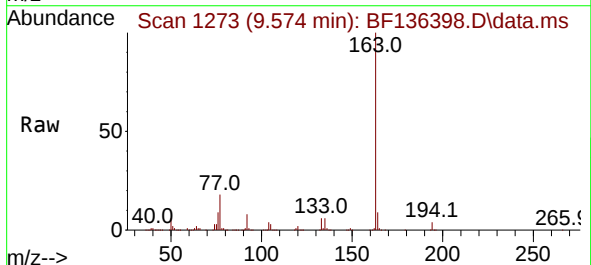


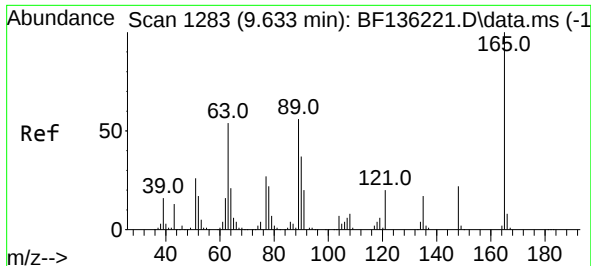
Tgt Ion:152 Resp: 1228708
Ion Ratio Lower Upper
152 100
151 21.1 17.5 26.3
153 12.9 9.6 14.4



#50
Dimethylphthalate
Concen: 40.744 ng
RT: 9.574 min Scan# 1273
Delta R.T. 0.006 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

Tgt Ion:163 Resp: 986480
Ion Ratio Lower Upper
163 100
194 4.0 2.5 3.7#
164 9.3 7.0 10.6

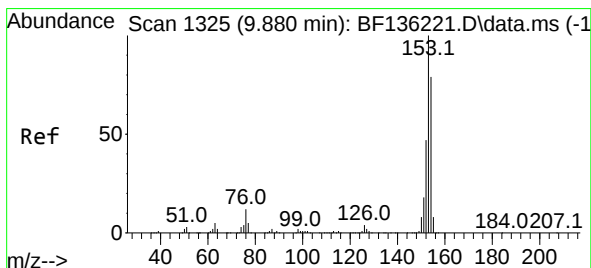
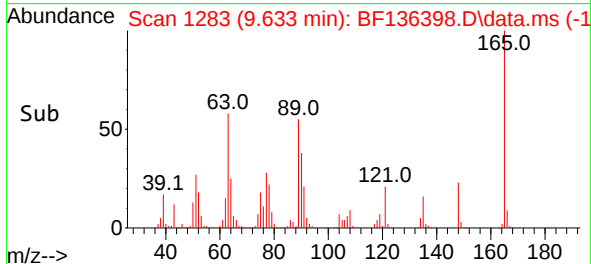
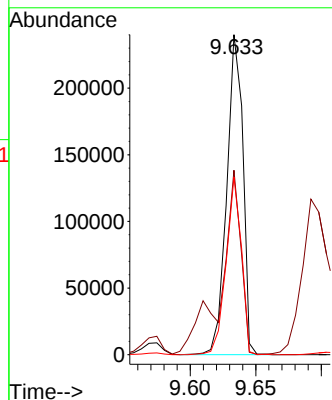
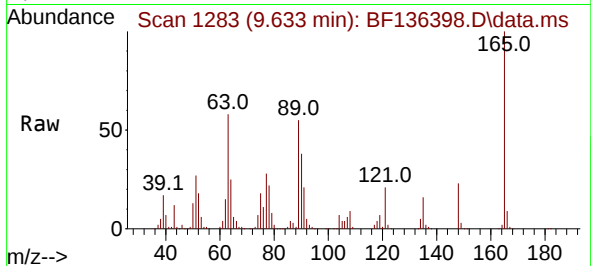




#51
2,6-Dinitrotoluene
Concen: 41.439 ng
RT: 9.633 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

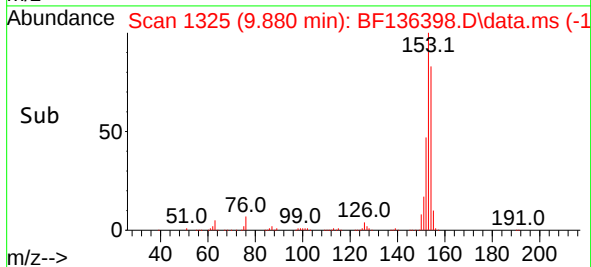
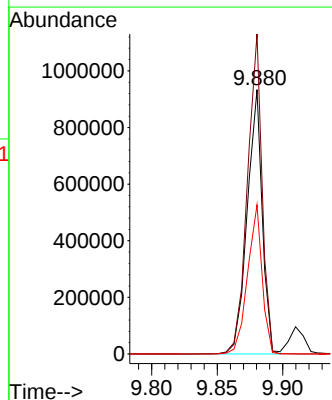
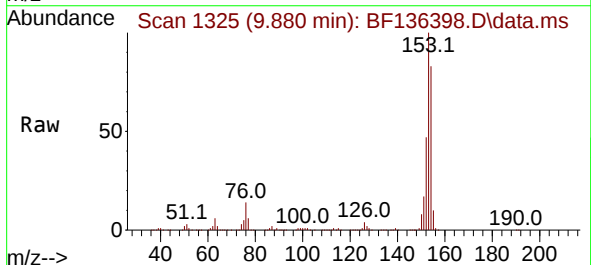
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

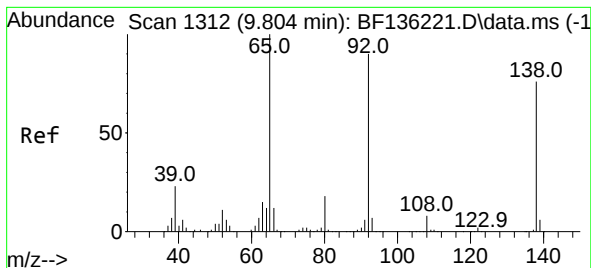
Tgt Ion:165 Resp: 204966
Ion Ratio Lower Upper
165 100
63 57.6 46.2 69.2
89 55.5 44.9 67.3



#52
Acenaphthene
Concen: 37.914 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

Tgt Ion:154 Resp: 750074
Ion Ratio Lower Upper
154 100
153 121.1 100.8 151.2
152 56.4 47.0 70.6





#53

3-Nitroaniline

Concen: 46.149 ng

RT: 9.804 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF136398.D

Acq: 05 Dec 2023 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

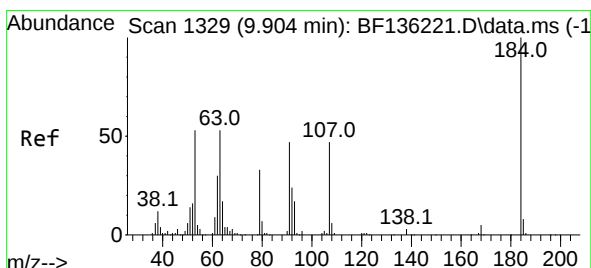
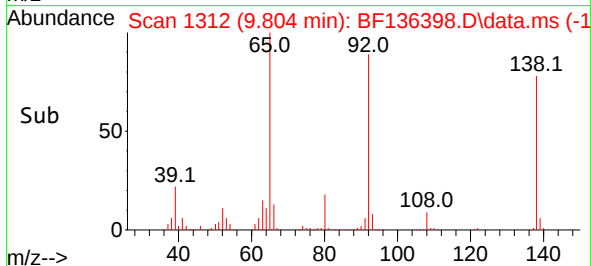
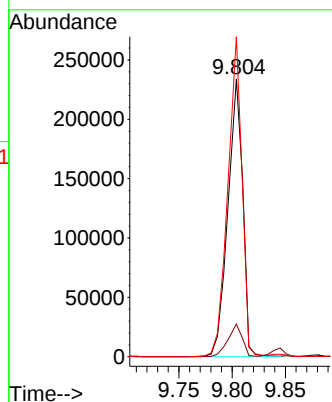
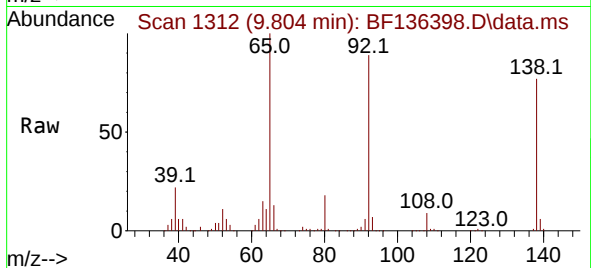
Tgt Ion:138 Resp: 226489

Ion Ratio Lower Upper

138 100

108 11.8 8.7 13.1

92 115.4 94.2 141.4



#54

2,4-Dinitrophenol

Concen: 53.942 ng

RT: 9.910 min Scan# 1330

Delta R.T. 0.006 min

Lab File: BF136398.D

Acq: 05 Dec 2023 10:04

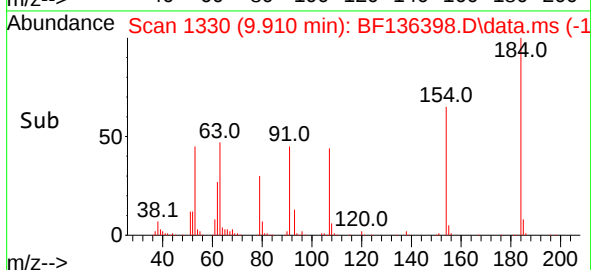
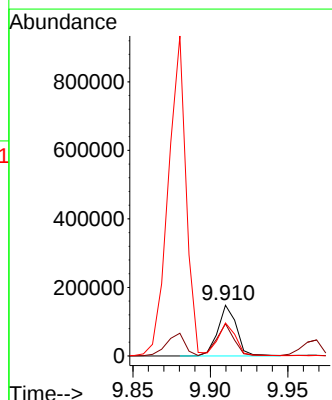
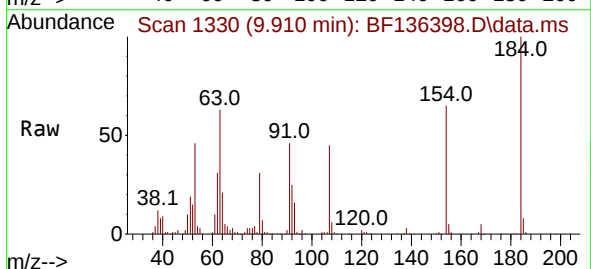
Tgt Ion:184 Resp: 124090

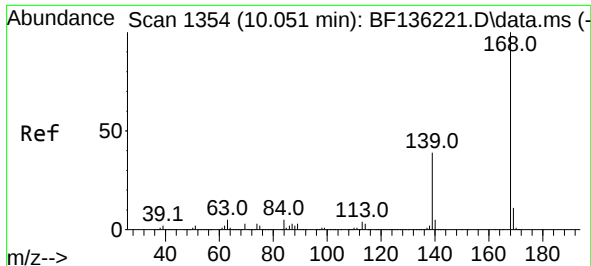
Ion Ratio Lower Upper

184 100

63 63.4 55.0 82.4

154 64.9 54.9 82.3

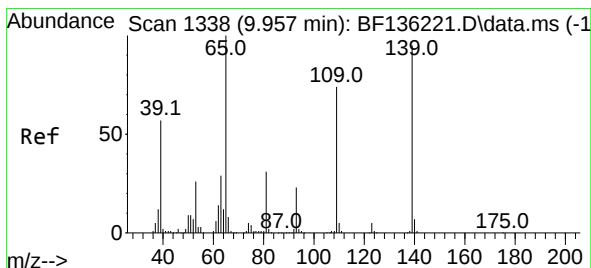
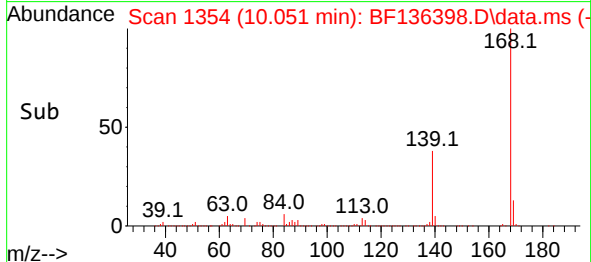
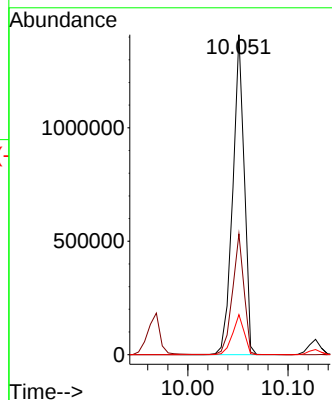
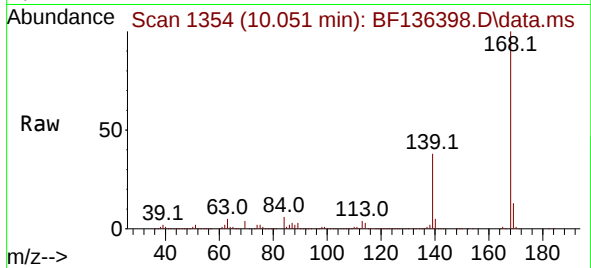




#55
Dibenzofuran
Concen: 38.161 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

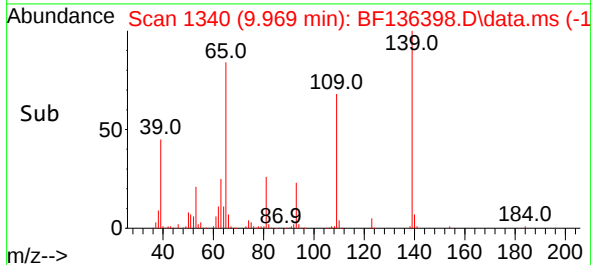
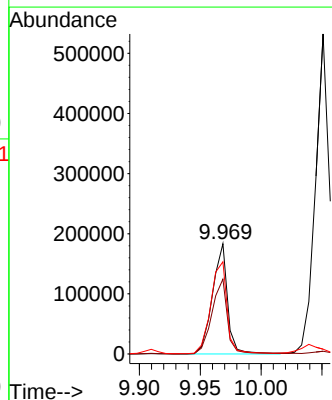
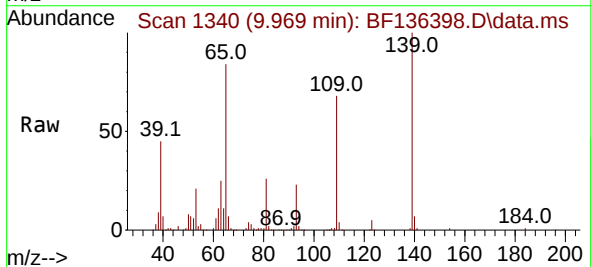
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

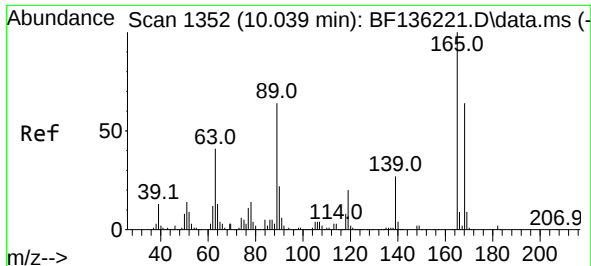
Tgt Ion:168 Resp: 1123434
Ion Ratio Lower Upper
168 100
139 37.7 30.9 46.3
169 12.5 9.1 13.7



#56
4-Nitrophenol
Concen: 42.412 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

Tgt Ion:139 Resp: 158088
Ion Ratio Lower Upper
139 100
109 67.9 57.8 97.8
65 83.5 86.0 126.0#

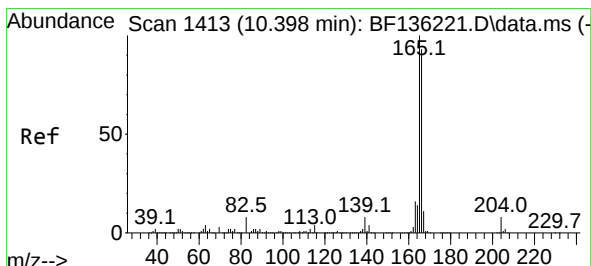
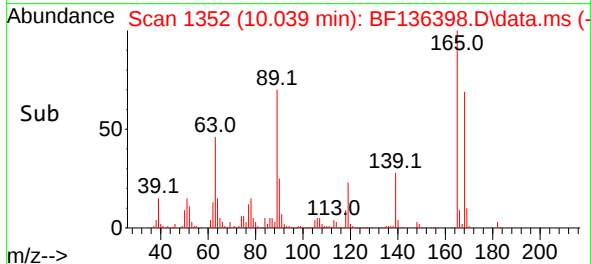
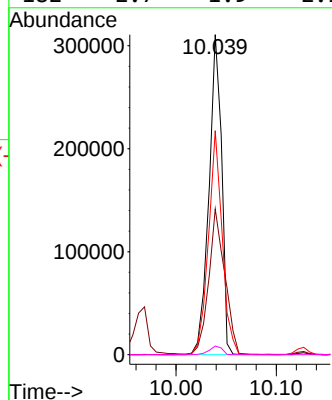
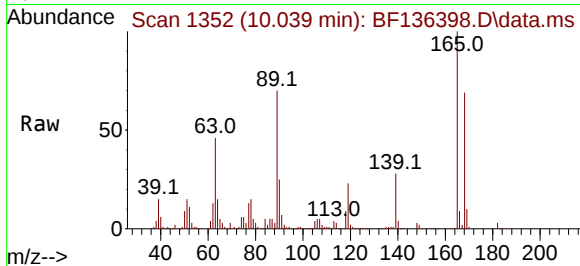




#57
2,4-Dinitrotoluene
Concen: 41.546 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

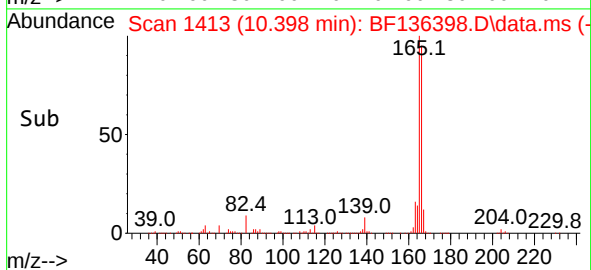
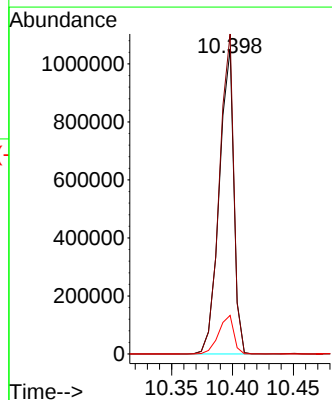
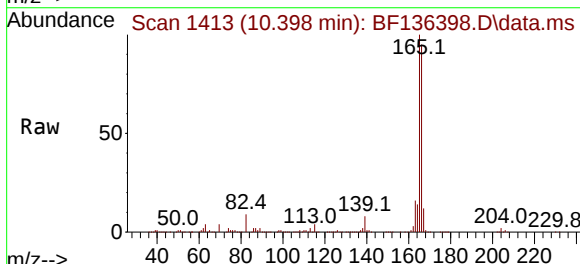
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

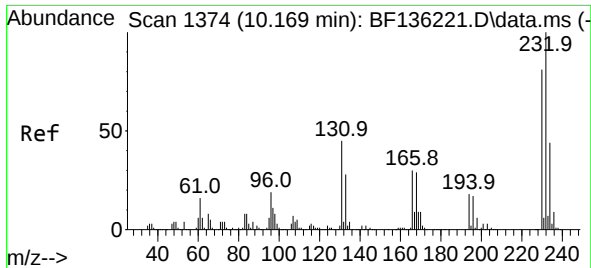
Tgt Ion:	165	Resp:	274494
Ion	Ratio	Lower	Upper
165	100		
63	45.6	33.0	49.4
89	70.0	51.5	77.3
182	2.7	1.9	2.9



#58
Fluorene
Concen: 37.927 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

Tgt Ion:	166	Resp:	875808
Ion	Ratio	Lower	Upper
166	100		
165	104.9	86.2	129.4
167	12.6	9.1	13.7

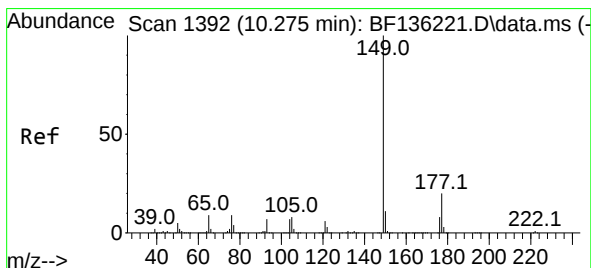
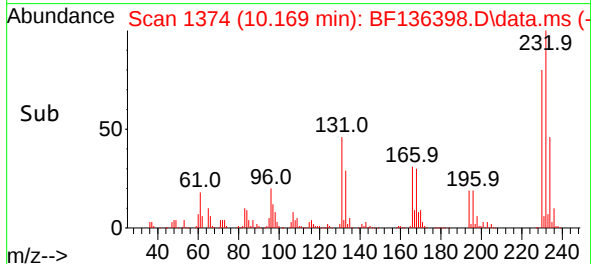
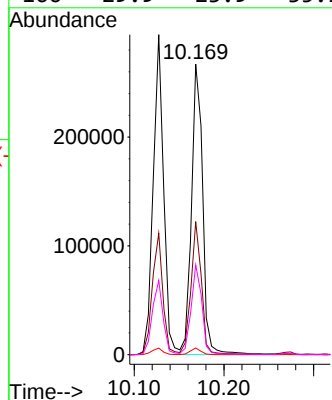
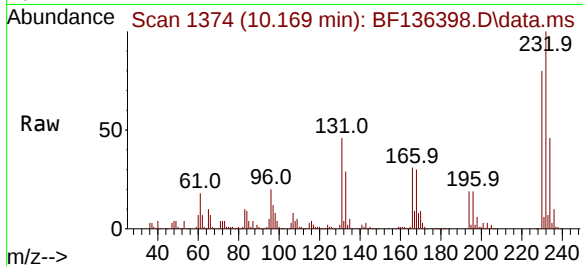




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.955 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.006 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

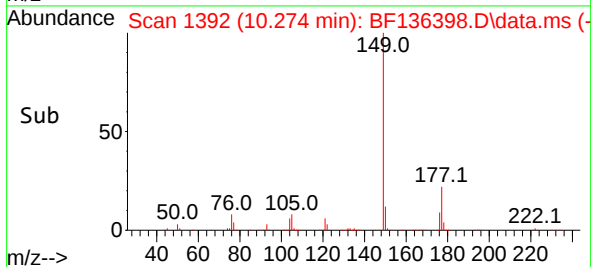
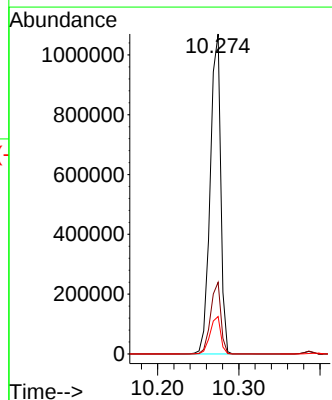
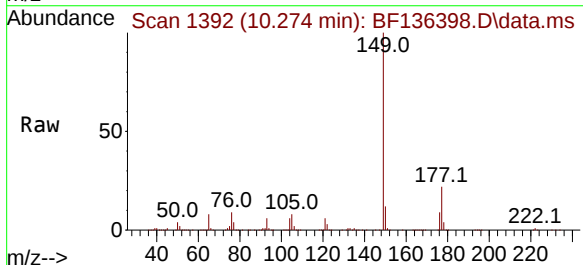
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

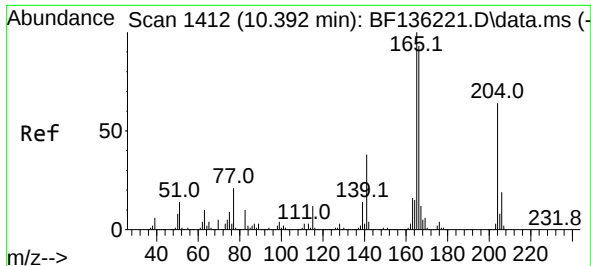
Tgt Ion:232 Resp: 229564
Ion Ratio Lower Upper
232 100
131 43.0 36.4 54.6
130 2.2 1.9 2.9
166 29.9 23.9 35.9



#60
Diethylphthalate
Concen: 39.385 ng
RT: 10.274 min Scan# 1392
Delta R.T. 0.006 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

Tgt Ion:149 Resp: 953867
Ion Ratio Lower Upper
149 100
177 22.4 15.8 23.6
150 11.7 8.8 13.2

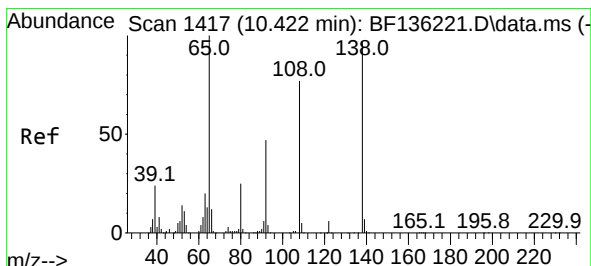
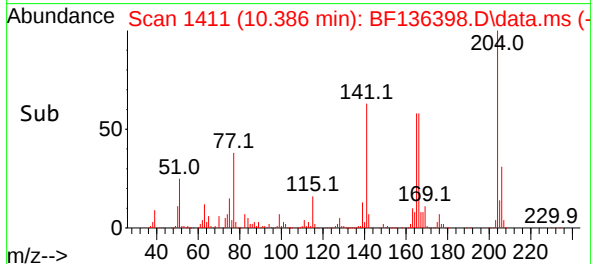
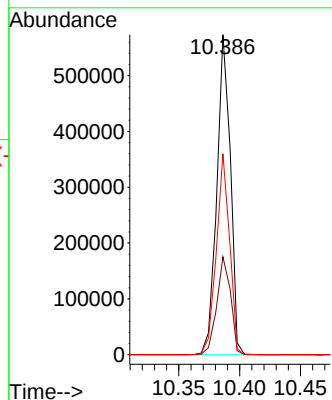
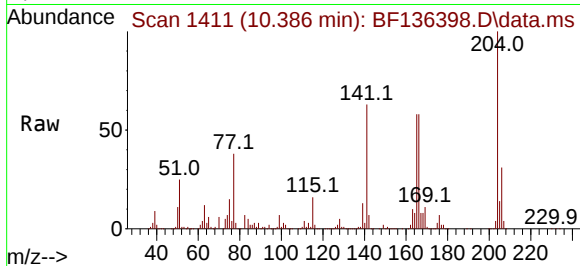




#61
4-Chlorophenyl-phenylether
Concen: 39.378 ng
RT: 10.386 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

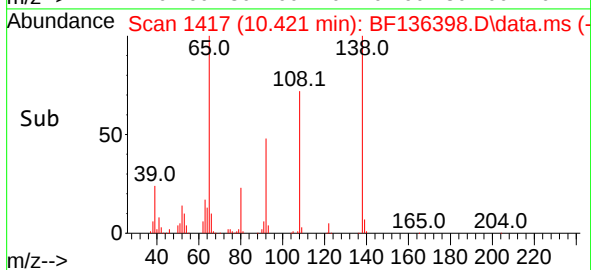
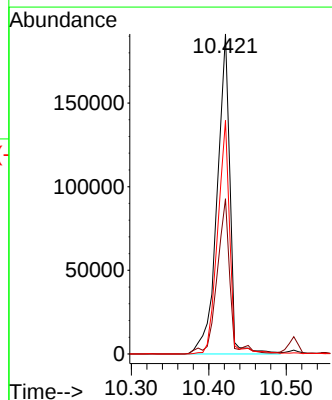
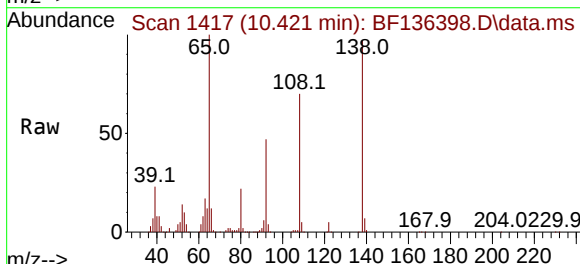
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

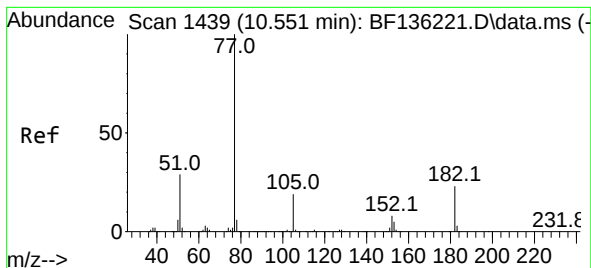
Tgt Ion:204 Resp: 441585
Ion Ratio Lower Upper
204 100
206 30.6 23.4 35.0
141 62.8 47.6 71.4



#62
4-Nitroaniline
Concen: 45.854 ng
RT: 10.421 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

Tgt Ion:138 Resp: 220279
Ion Ratio Lower Upper
138 100
92 48.5 28.5 68.5
108 72.9 59.8 99.8





#63

Azobenzene

Concen: 38.180 ng

RT: 10.551 min Scan# 1439

Delta R.T. 0.006 min

Lab File: BF136398.D

Acq: 05 Dec 2023 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 857241

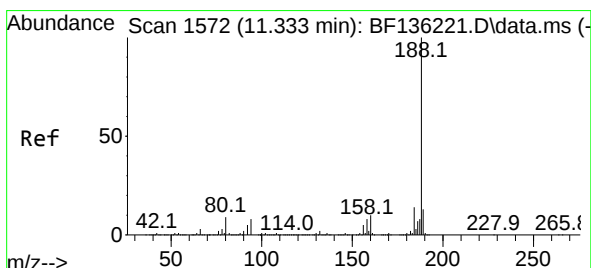
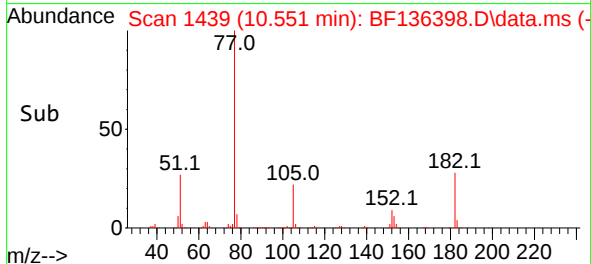
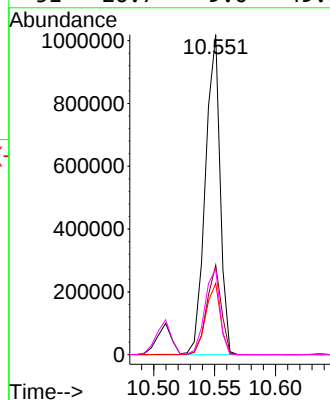
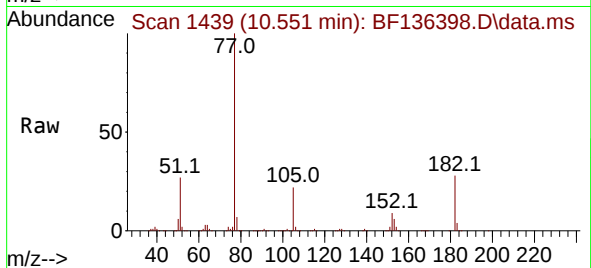
Ion Ratio Lower Upper

77 100

182 28.0 3.3 43.3

105 22.3 0.0 39.5

51 26.7 9.0 49.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 1572

Delta R.T. 0.006 min

Lab File: BF136398.D

Acq: 05 Dec 2023 10:04

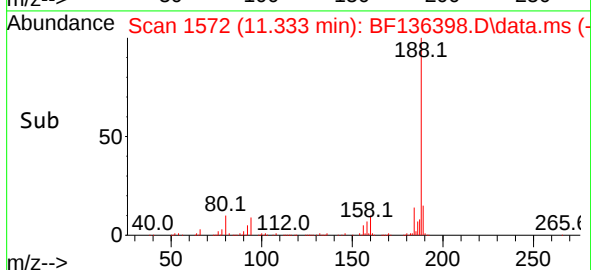
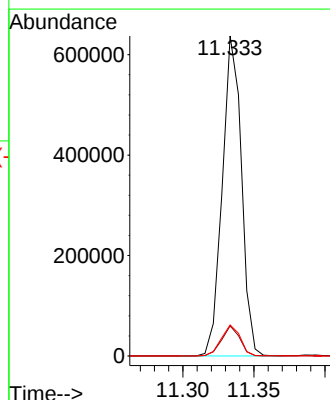
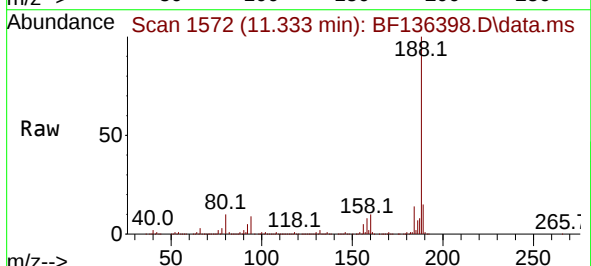
Tgt Ion: 188 Resp: 597116

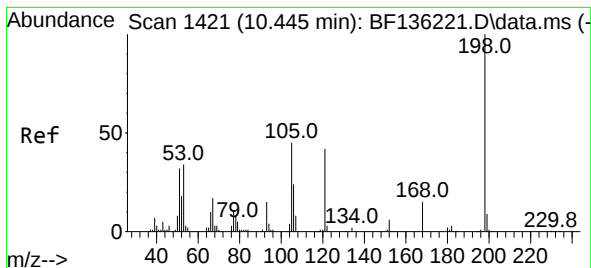
Ion Ratio Lower Upper

188 100

94 9.4 6.7 10.1

80 9.7 7.2 10.8

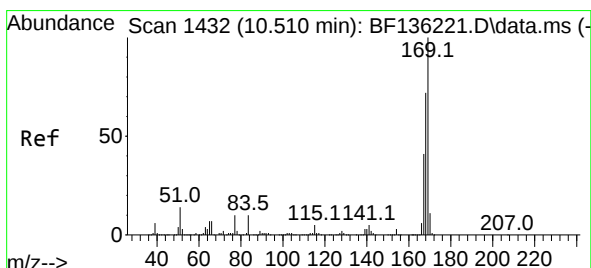
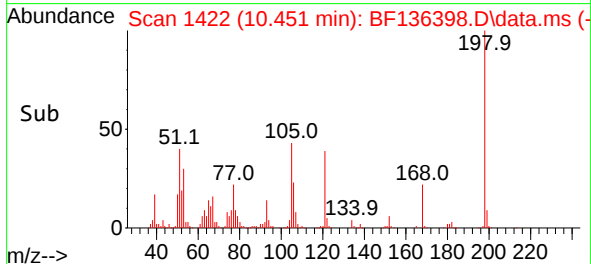
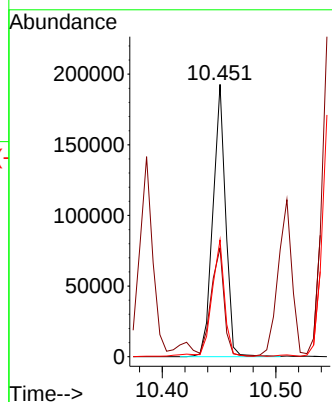
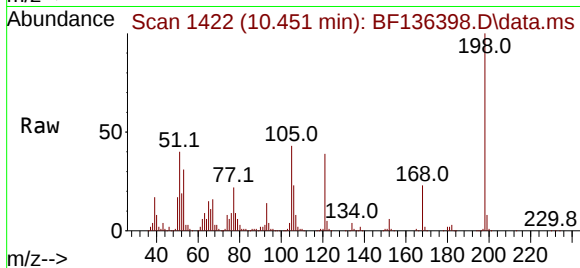




#65
4,6-Dinitro-2-methylphenol
Concen: 45.734 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

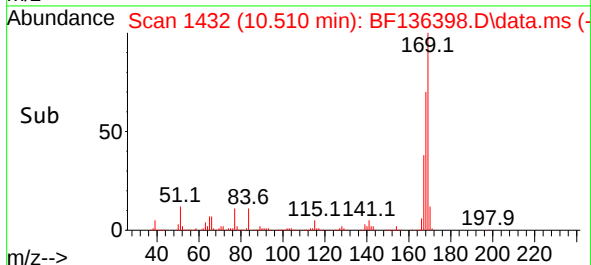
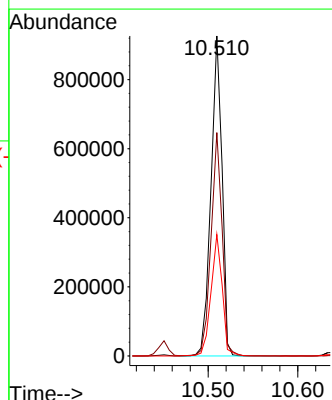
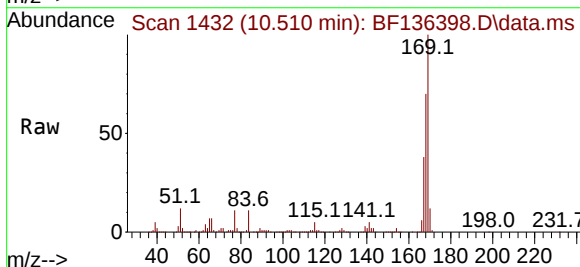
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

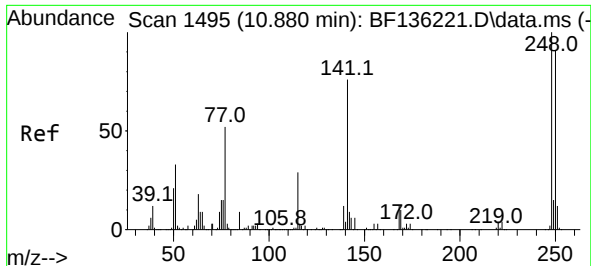
Tgt Ion:198 Resp: 149335
Ion Ratio Lower Upper
198 100
51 39.9 28.2 68.2
105 42.9 25.7 65.7



#66
n-Nitrosodiphenylamine
Concen: 41.310 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

Tgt Ion:169 Resp: 790482
Ion Ratio Lower Upper
169 100
168 69.8 57.8 86.6
167 38.0 32.7 49.1

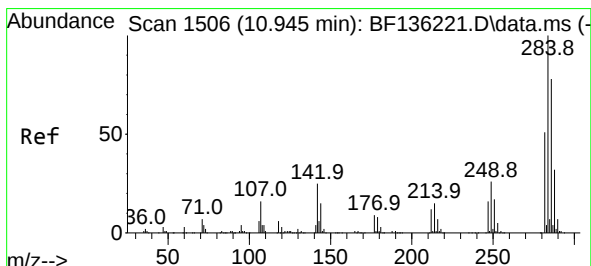
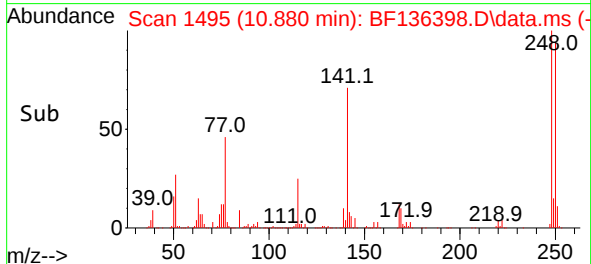
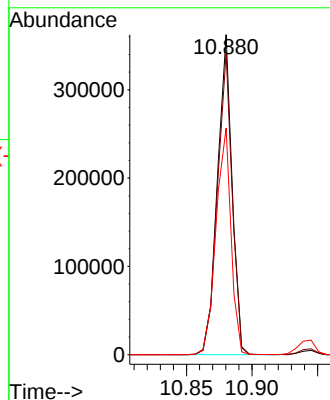
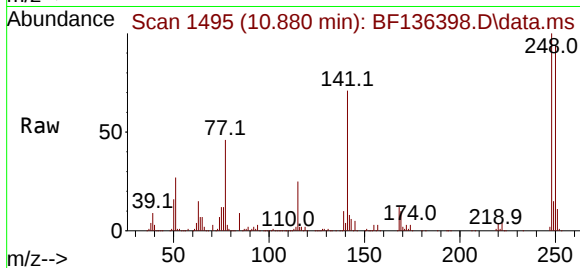




#67
4-Bromophenyl-phenylether
Concen: 40.466 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.006 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

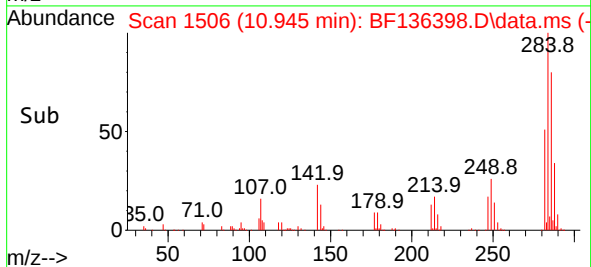
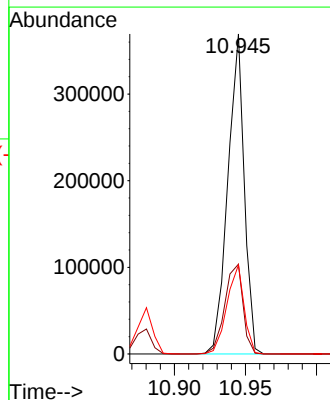
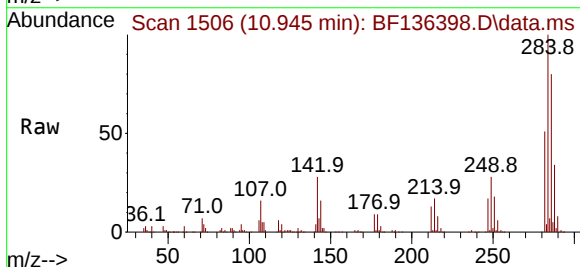
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

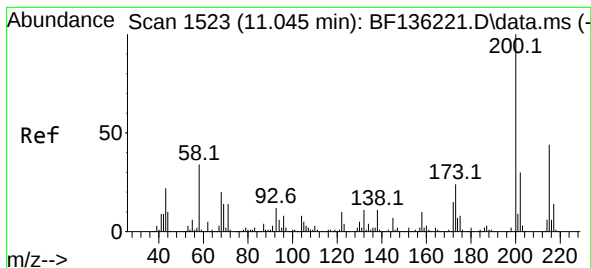
Tgt Ion:248 Resp: 281897
Ion Ratio Lower Upper
248 100
250 94.2 72.5 108.7
141 70.8 60.8 91.2



#68
Hexachlorobenzene
Concen: 36.709 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.006 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

Tgt Ion:284 Resp: 295966
Ion Ratio Lower Upper
284 100
142 28.0 19.8 29.8
249 27.8 21.0 31.4





#69

Atrazine

Concen: 32.835 ng

RT: 11.039 min Scan# 1522

Delta R.T. 0.006 min

Lab File: BF136398.D

Acq: 05 Dec 2023 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

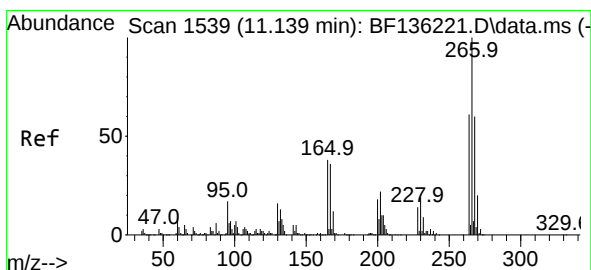
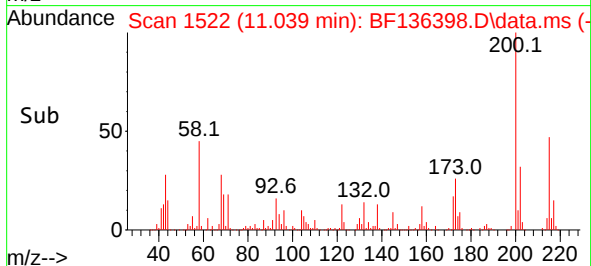
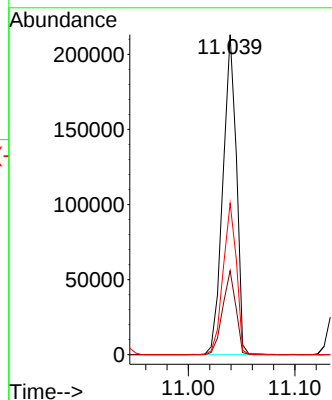
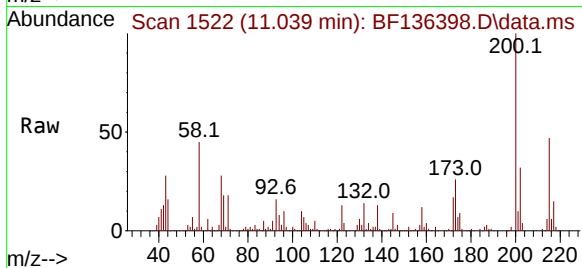
Tgt Ion:200 Resp: 186388

Ion Ratio Lower Upper

200 100

173 26.2 4.3 44.3

215 47.3 23.8 63.8



#70

Pentachlorophenol

Concen: 37.541 ng

RT: 11.139 min Scan# 1539

Delta R.T. 0.006 min

Lab File: BF136398.D

Acq: 05 Dec 2023 10:04

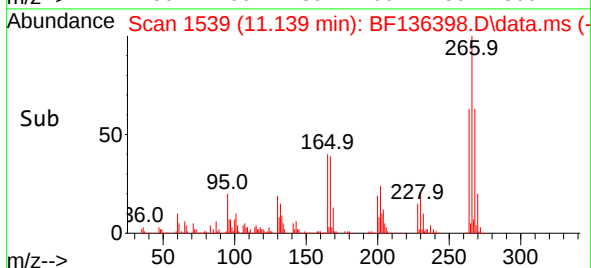
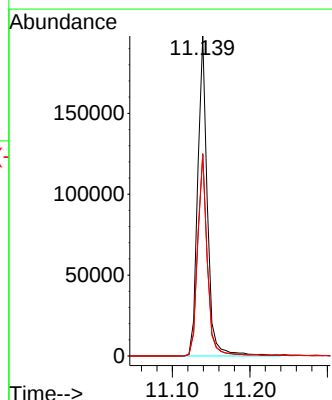
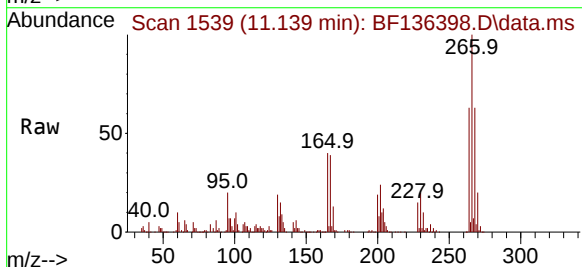
Tgt Ion:266 Resp: 171092

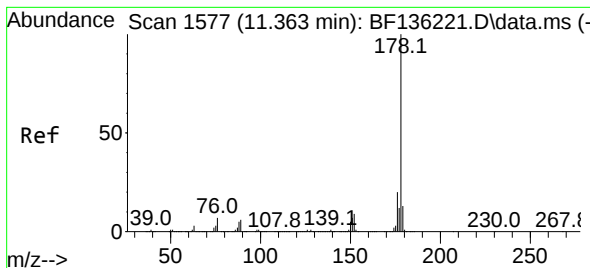
Ion Ratio Lower Upper

266 100

268 62.9 47.9 71.9

264 63.3 49.1 73.7





#71

Phenanthrene

Concen: 39.130 ng

RT: 11.363 min Scan# 1577

Delta R.T. 0.006 min

Lab File: BF136398.D

Acq: 05 Dec 2023 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

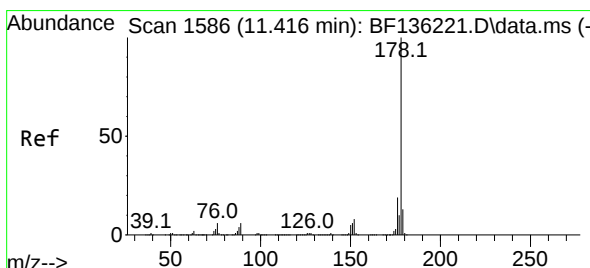
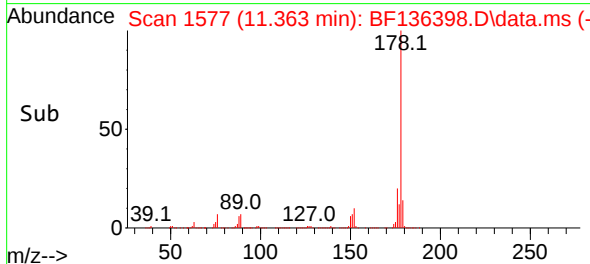
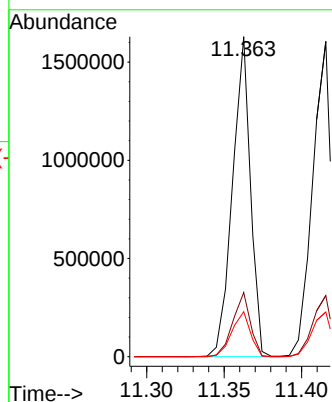
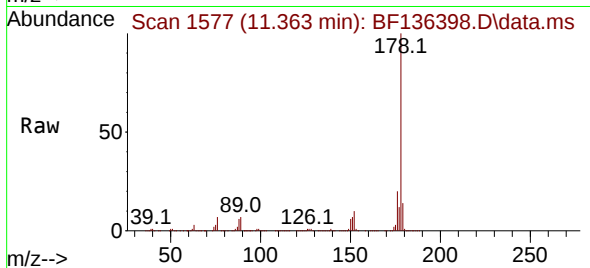
Tgt Ion:178 Resp: 1313224

Ion Ratio Lower Upper

178 100

176 20.0 16.2 24.2

179 14.1 10.3 15.5



#72

Anthracene

Concen: 40.191 ng

RT: 11.416 min Scan# 1586

Delta R.T. 0.006 min

Lab File: BF136398.D

Acq: 05 Dec 2023 10:04

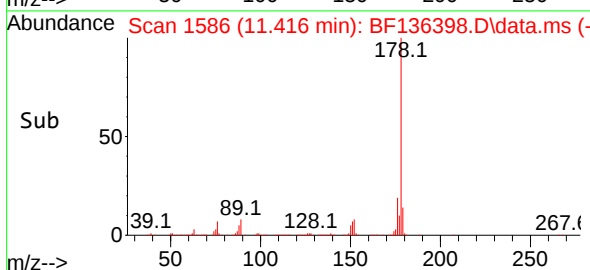
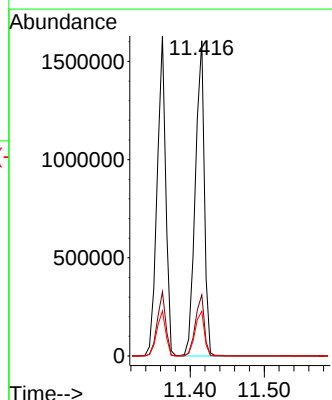
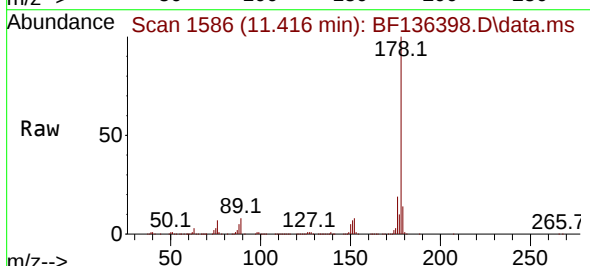
Tgt Ion:178 Resp: 1352647

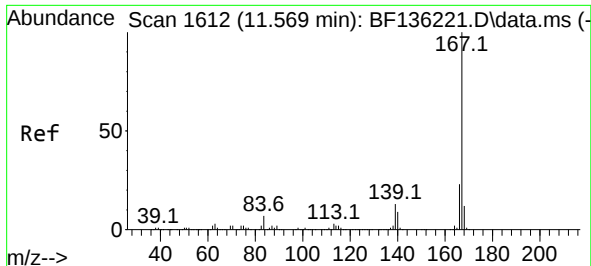
Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

179 14.1 10.5 15.7

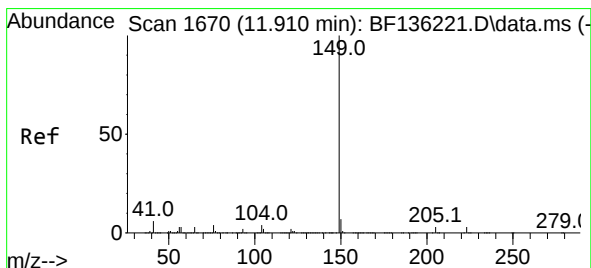
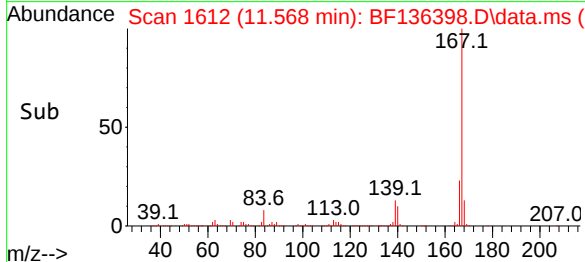
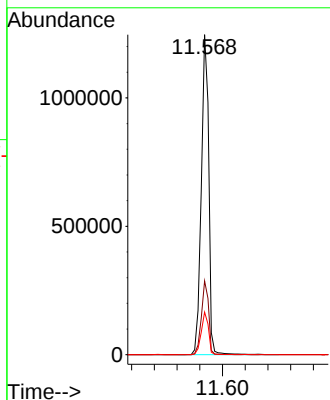
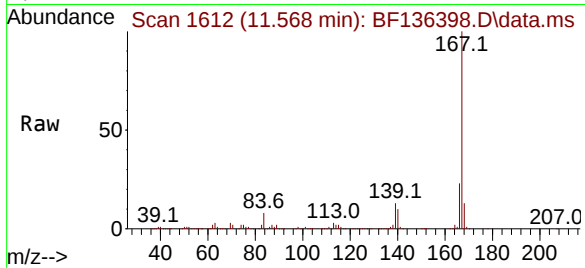




#73
 Carbazole
 Concen: 39.493 ng
 RT: 11.568 min Scan# 1612
 Delta R.T. 0.006 min
 Lab File: BF136398.D
 Acq: 05 Dec 2023 10:04

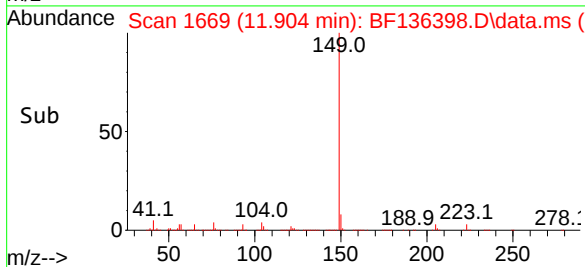
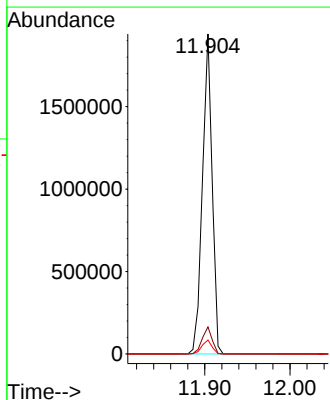
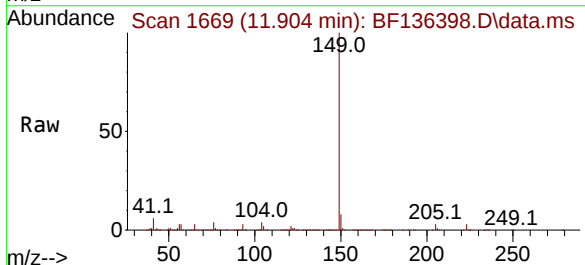
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

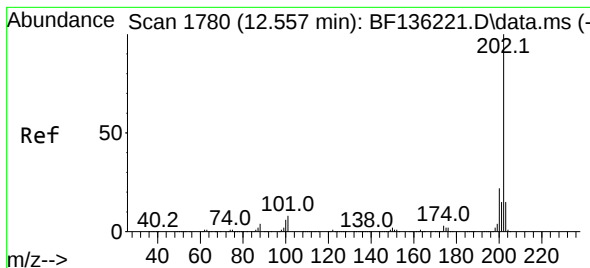
Tgt Ion:167 Resp: 1130453
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.4 27.6
 139 13.3 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 42.748 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. 0.006 min
 Lab File: BF136398.D
 Acq: 05 Dec 2023 10:04

Tgt Ion:149 Resp: 1531006
 Ion Ratio Lower Upper
 149 100
 150 8.5 6.0 9.0
 104 4.4 3.5 5.3





#75

Fluoranthene

Concen: 37.505 ng

RT: 12.557 min Scan# 1780

Delta R.T. 0.012 min

Lab File: BF136398.D

Acq: 05 Dec 2023 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

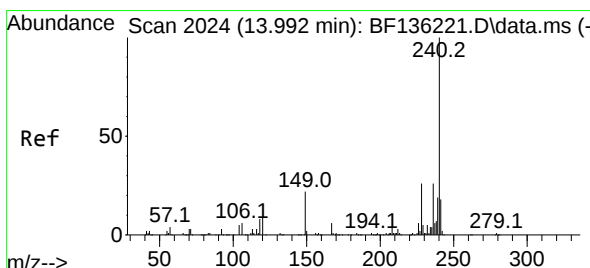
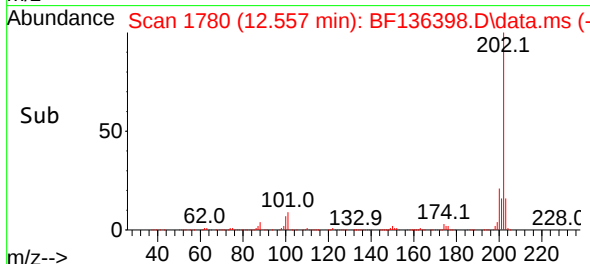
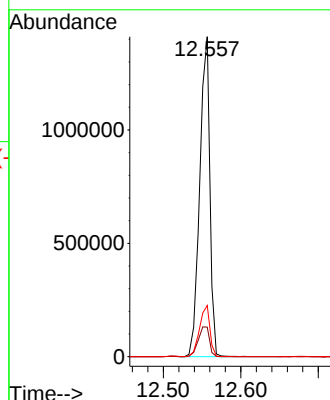
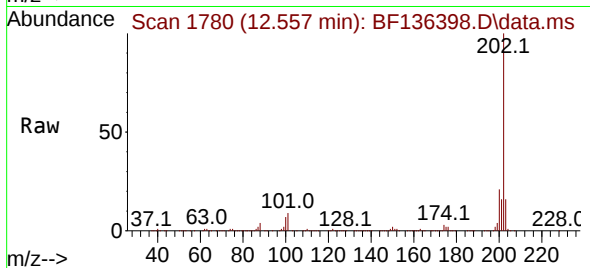
Tgt Ion:202 Resp: 1277795

Ion Ratio Lower Upper

202 100

101 9.2 0.0 27.8

203 16.0 0.0 34.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 2024

Delta R.T. 0.012 min

Lab File: BF136398.D

Acq: 05 Dec 2023 10:04

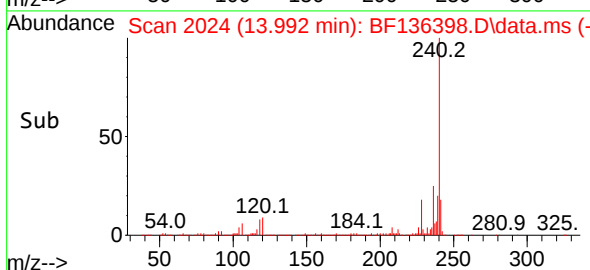
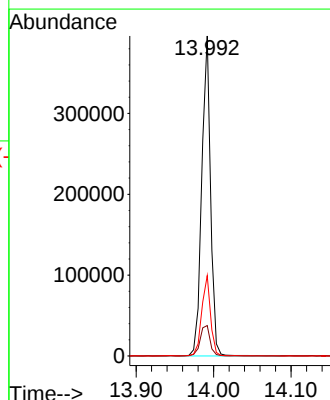
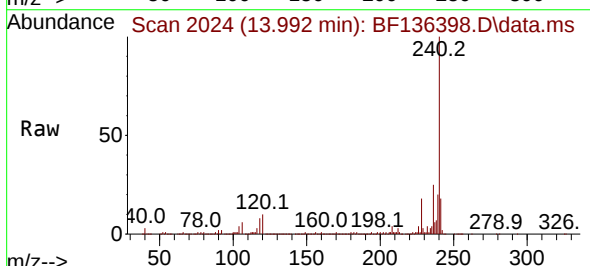
Tgt Ion:240 Resp: 312287

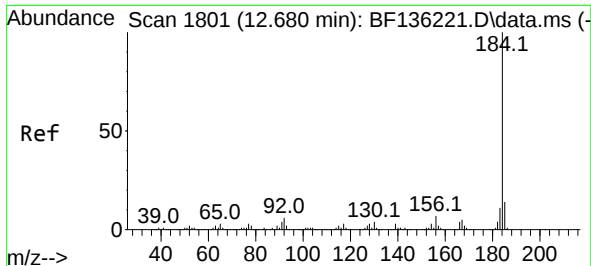
Ion Ratio Lower Upper

240 100

120 9.5 7.4 11.2

236 25.1 21.1 31.7

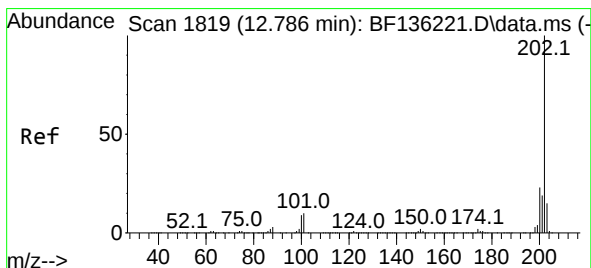
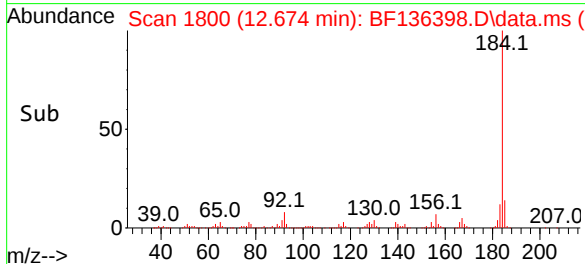
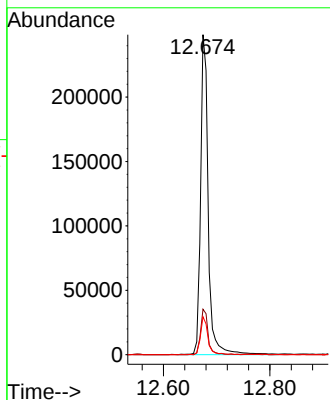
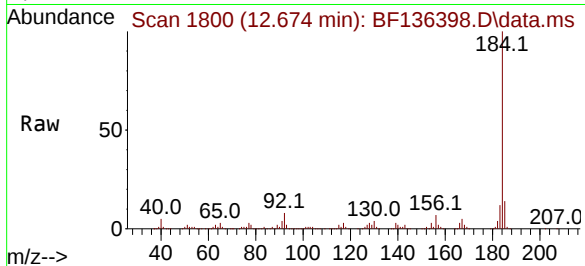




#77
Benzidine
Concen: 48.208 ng
RT: 12.674 min Scan# 1800
Delta R.T. 0.006 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

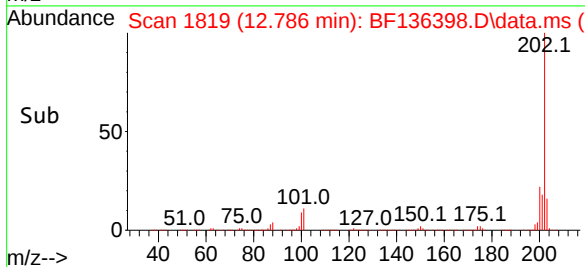
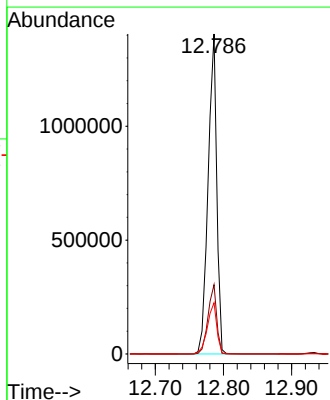
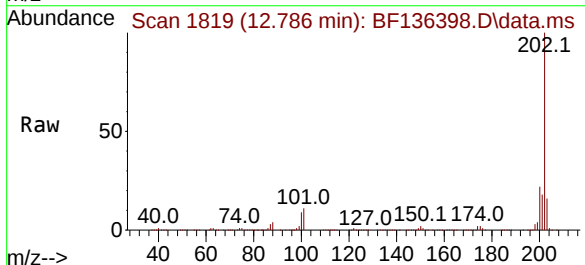
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

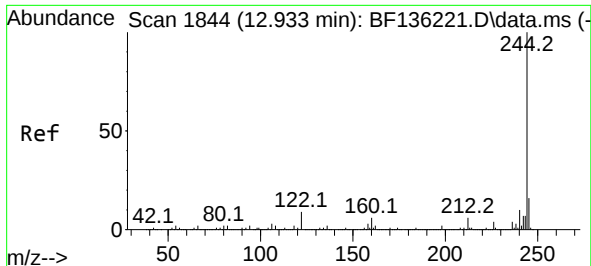
Tgt Ion:184 Resp: 247472
Ion Ratio Lower Upper
184 100
185 14.2 11.0 16.6
183 11.9 9.0 13.4



#78
Pyrene
Concen: 36.295 ng
RT: 12.786 min Scan# 1819
Delta R.T. 0.012 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

Tgt Ion:202 Resp: 1241336
Ion Ratio Lower Upper
202 100
200 21.7 18.4 27.6
203 16.0 11.8 17.6

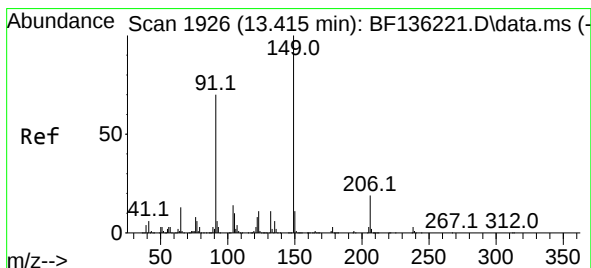
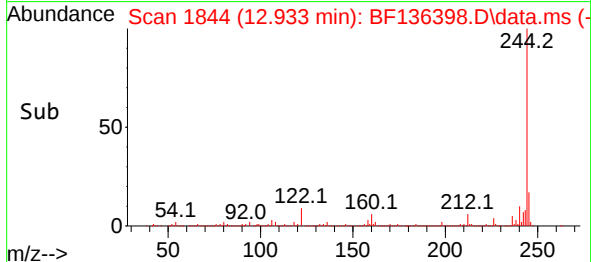
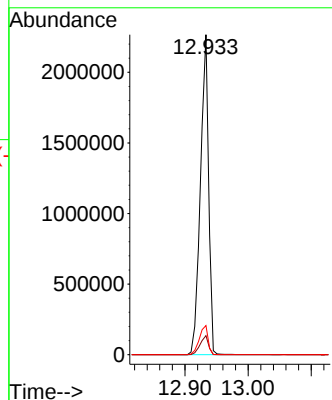
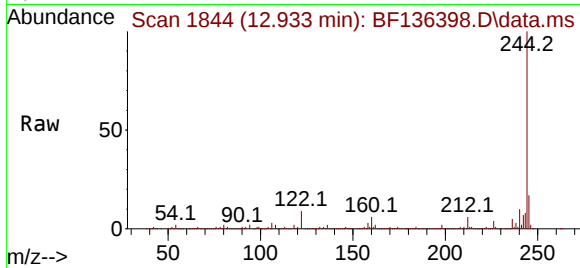




#79
 Terphenyl-d14
 Concen: 75.190 ng
 RT: 12.933 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF136398.D
 Acq: 05 Dec 2023 10:04

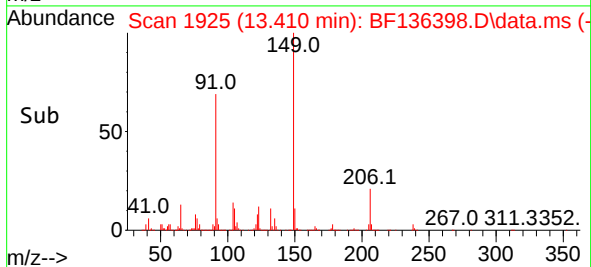
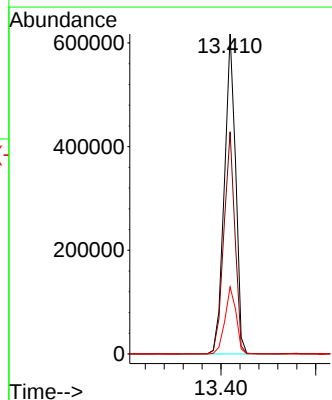
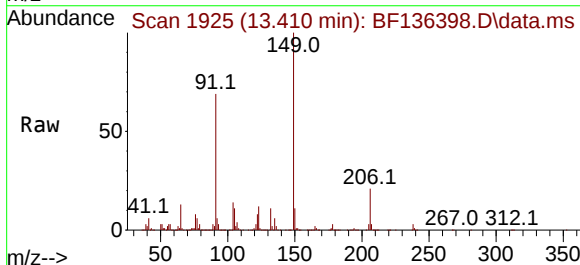
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

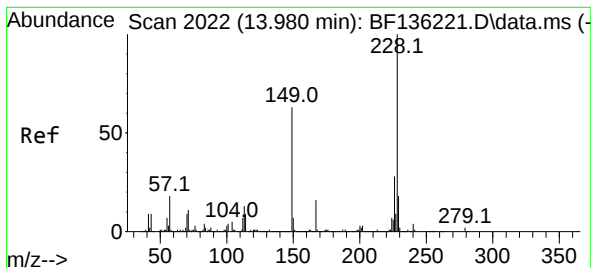
Tgt Ion:244 Resp: 2035633
 Ion Ratio Lower Upper
 244 100
 212 6.0 4.6 7.0
 122 9.1 7.3 10.9



#80
 Butylbenzylphthalate
 Concen: 47.976 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. 0.006 min
 Lab File: BF136398.D
 Acq: 05 Dec 2023 10:04

Tgt Ion:149 Resp: 510661
 Ion Ratio Lower Upper
 149 100
 91 69.5 56.4 84.6
 206 20.9 14.8 22.2





#81

Benzo(a)anthracene

Concen: 37.445 ng

RT: 13.980 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF136398.D

Acq: 05 Dec 2023 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

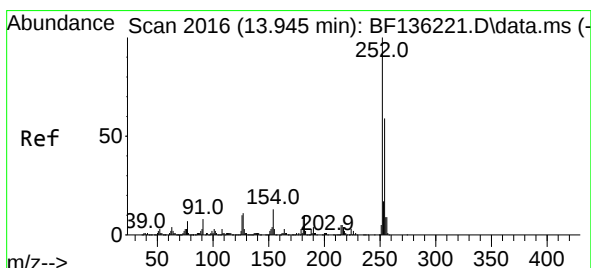
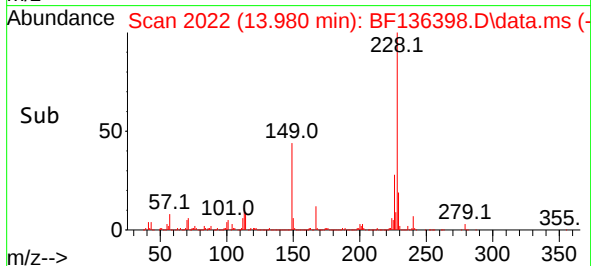
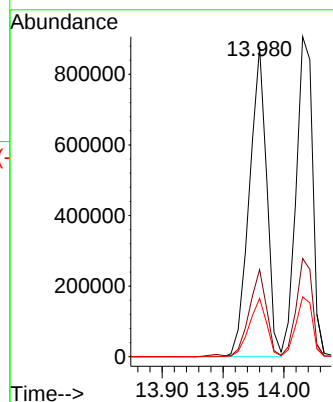
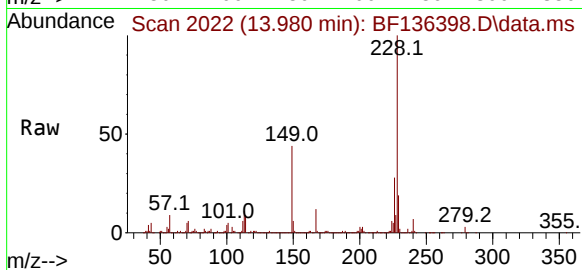
Tgt Ion:228 Resp: 868560

Ion Ratio Lower Upper

228 100

226 28.1 22.6 34.0

229 18.8 14.0 21.0



#82

3,3'-Dichlorobenzidine

Concen: 53.460 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.006 min

Lab File: BF136398.D

Acq: 05 Dec 2023 10:04

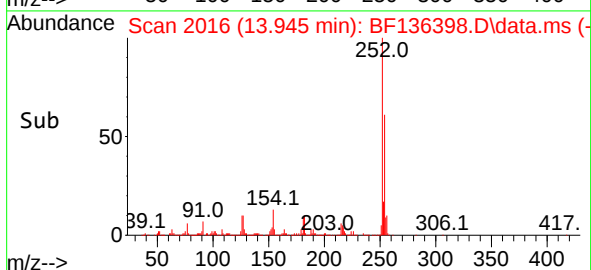
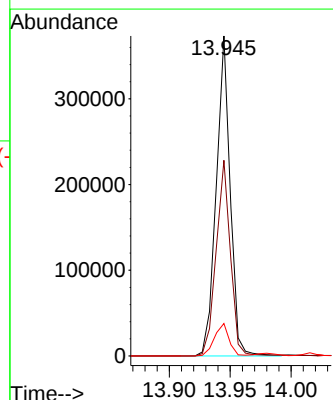
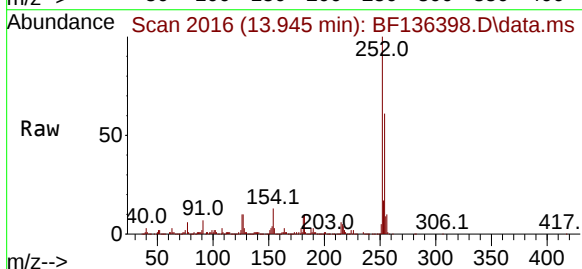
Tgt Ion:252 Resp: 298495

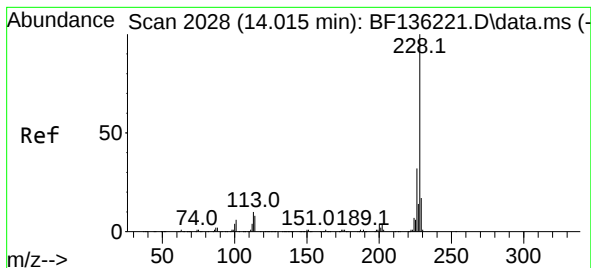
Ion Ratio Lower Upper

252 100

254 61.1 47.4 71.2

126 10.2 8.3 12.5





#83

Chrysene

Concen: 38.056 ng

RT: 14.015 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF136398.D

Acq: 05 Dec 2023 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

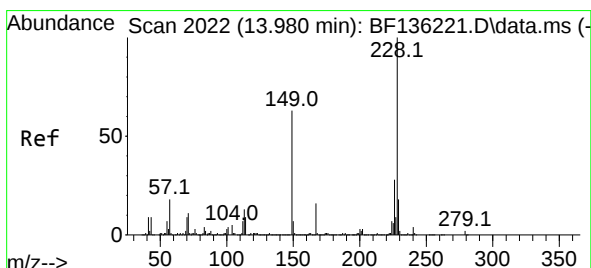
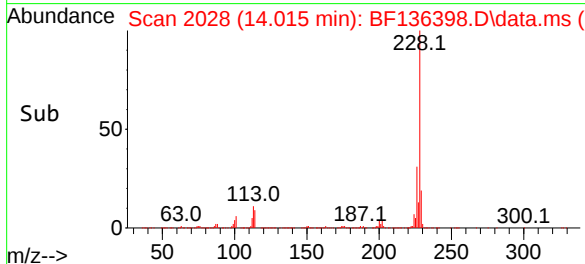
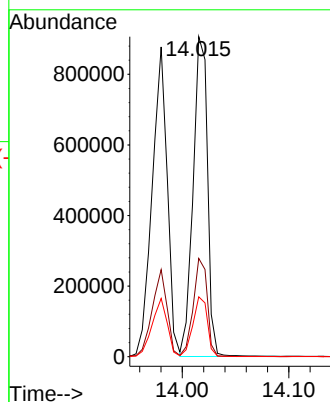
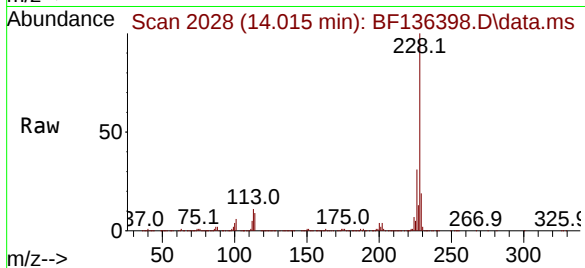
Tgt Ion:228 Resp: 852309

Ion Ratio Lower Upper

228 100

226 30.7 25.5 38.3

229 18.7 13.9 20.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.516 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.006 min

Lab File: BF136398.D

Acq: 05 Dec 2023 10:04

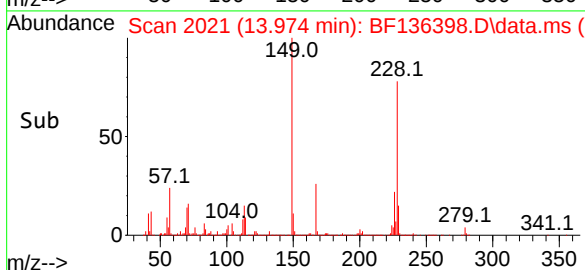
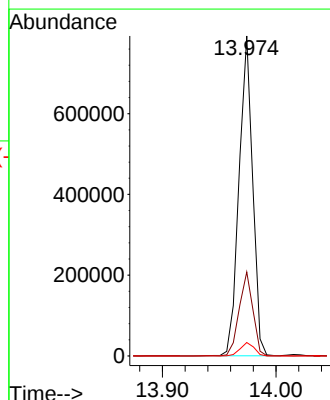
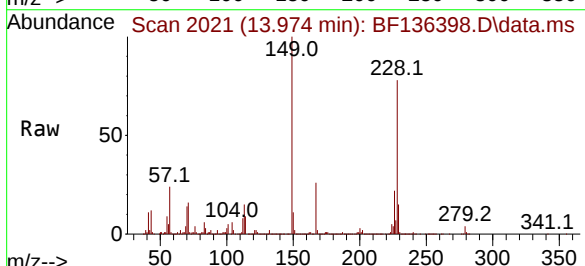
Tgt Ion:149 Resp: 658086

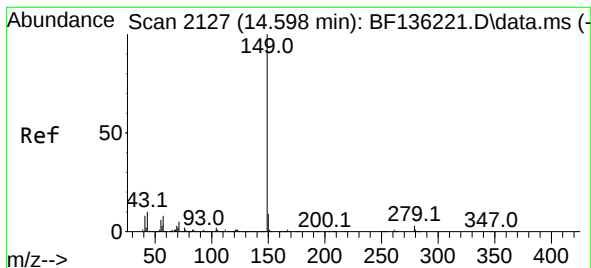
Ion Ratio Lower Upper

149 100

167 26.2 20.2 30.2

279 4.2 2.4 3.6#





#85

Di-n-octyl phthalate

Concen: 48.249 ng

RT: 14.592 min Scan# 2127

Delta R.T. 0.006 min

Lab File: BF136398.D

Acq: 05 Dec 2023 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

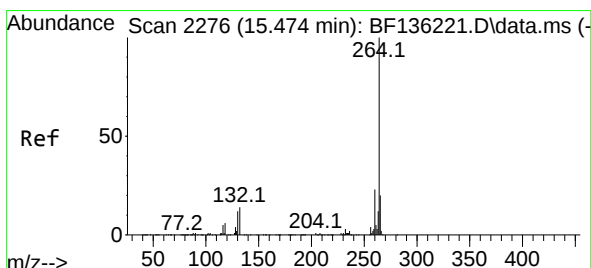
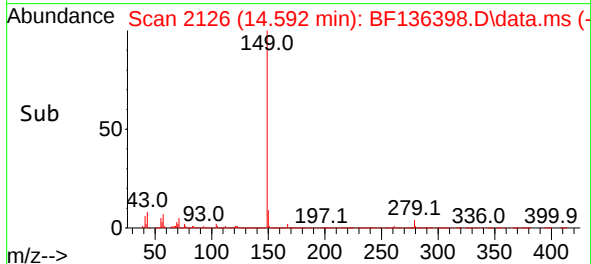
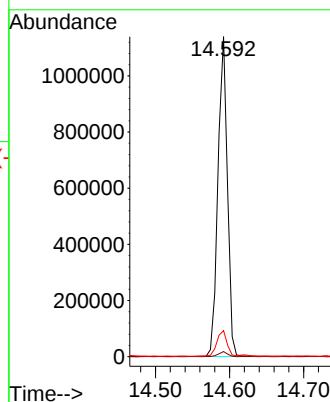
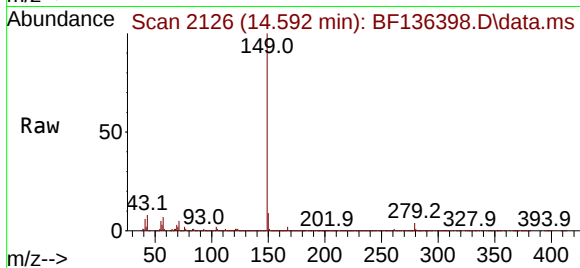
Tgt Ion:149 Resp: 1001641

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

43 8.5 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 2276

Delta R.T. 0.018 min

Lab File: BF136398.D

Acq: 05 Dec 2023 10:04

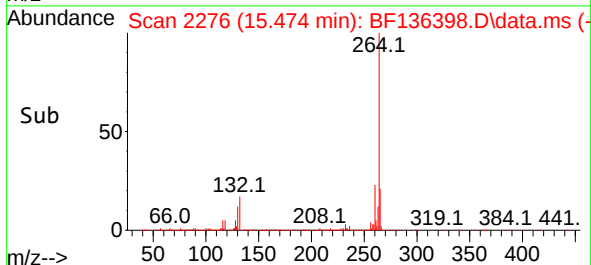
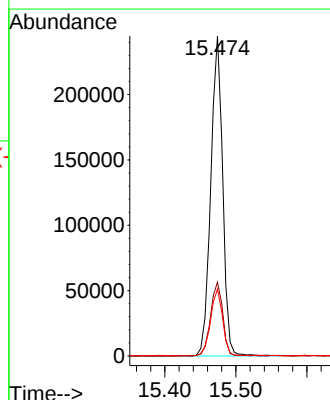
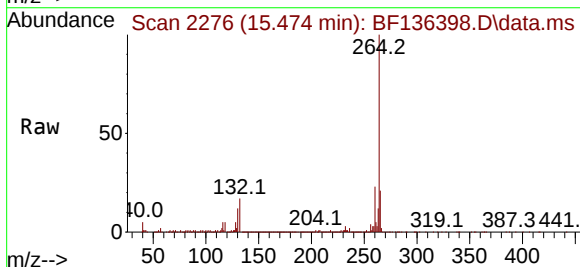
Tgt Ion:264 Resp: 285938

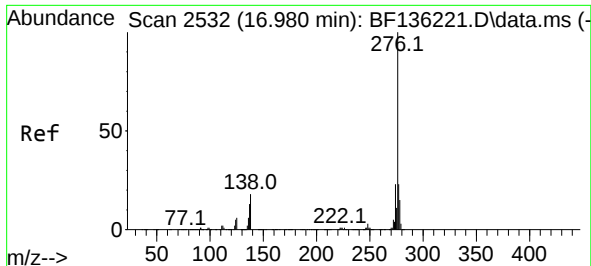
Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 20.9 15.7 23.5

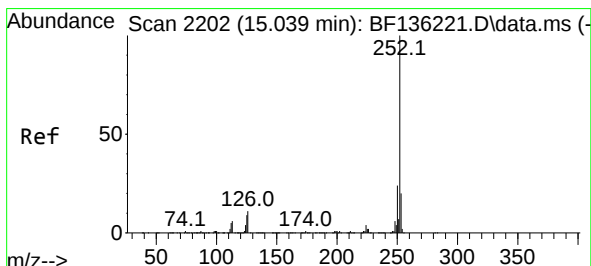
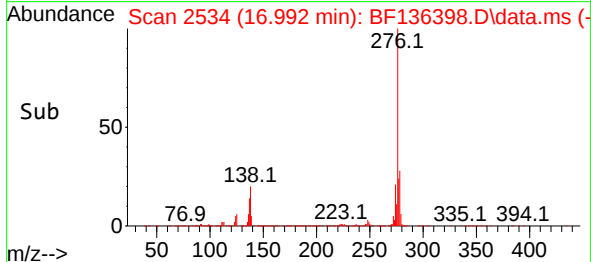
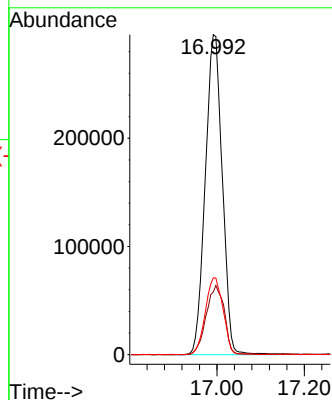
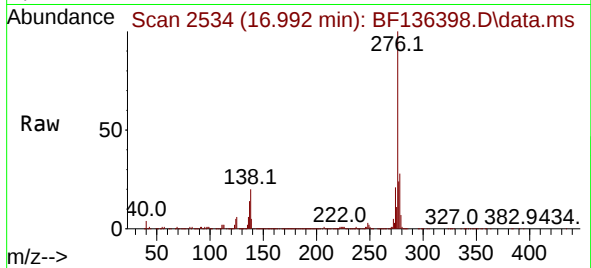




#87
Indeno(1,2,3-cd)pyrene
Concen: 38.006 ng
RT: 16.992 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

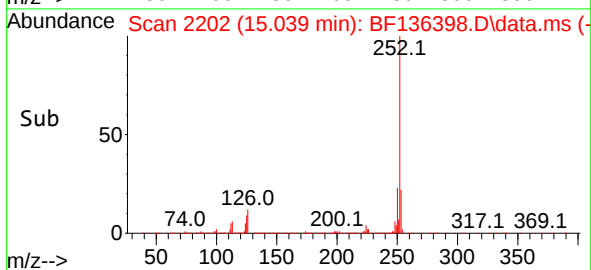
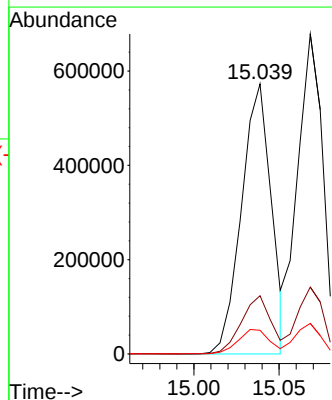
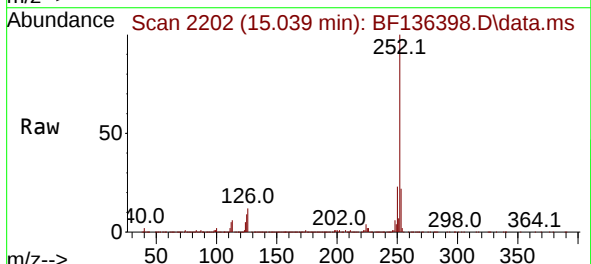
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

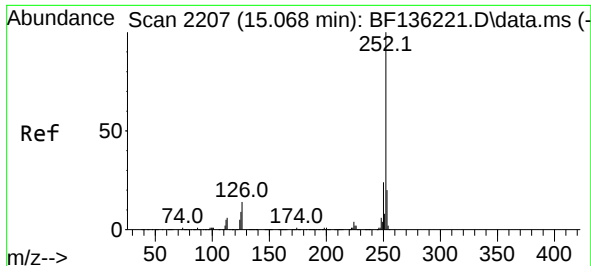
Tgt Ion:276 Resp: 799675
Ion Ratio Lower Upper
276 100
138 23.1 17.7 26.5
277 24.9 19.6 29.4



#88
Benzo(b)fluoranthene
Concen: 34.693 ng
RT: 15.039 min Scan# 2202
Delta R.T. 0.012 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

Tgt Ion:252 Resp: 695975
Ion Ratio Lower Upper
252 100
253 21.6 16.2 24.2
125 8.8 6.9 10.3

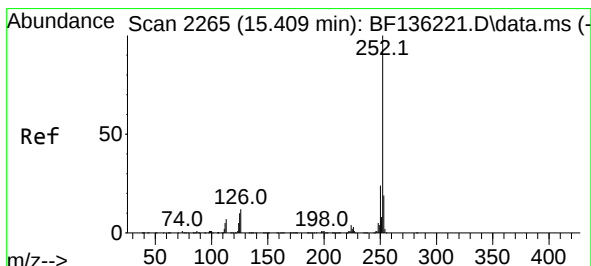
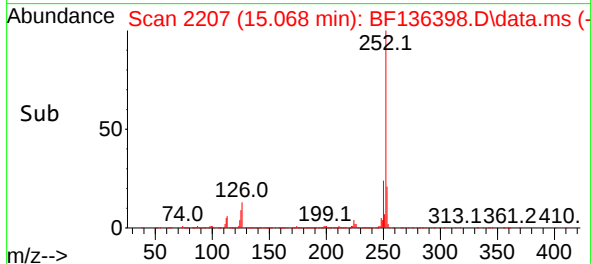
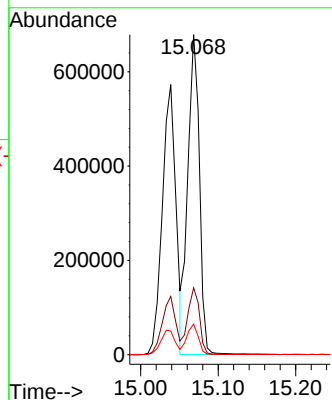
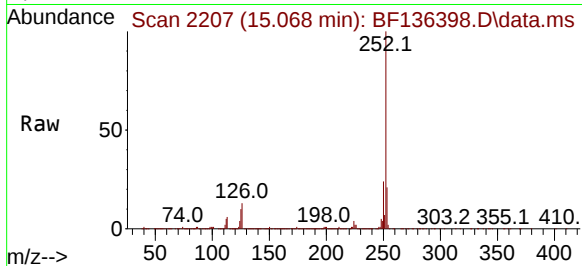




#89
Benzo(k)fluoranthene
Concen: 37.077 ng
RT: 15.068 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

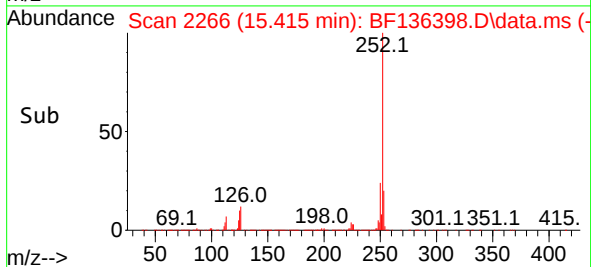
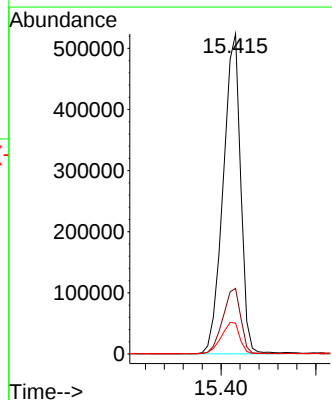
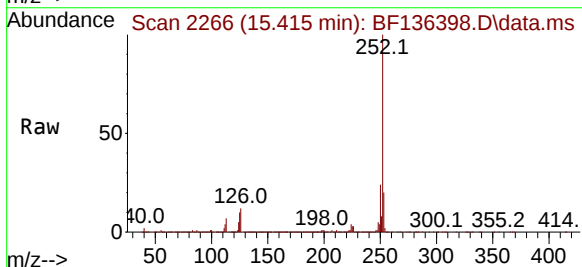
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

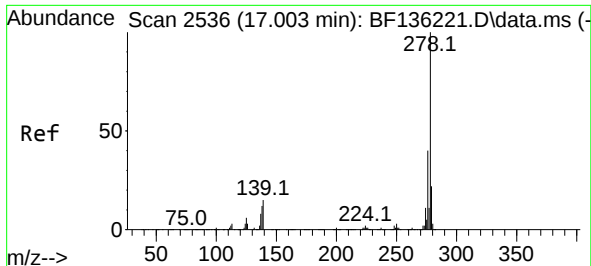
Tgt Ion:252 Resp: 706437
Ion Ratio Lower Upper
252 100
253 20.9 15.6 23.4
125 9.5 7.0 10.4



#90
Benzo(a)pyrene
Concen: 40.869 ng
RT: 15.415 min Scan# 2266
Delta R.T. 0.018 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

Tgt Ion:252 Resp: 670232
Ion Ratio Lower Upper
252 100
253 20.5 15.5 23.3
125 9.6 7.9 11.9



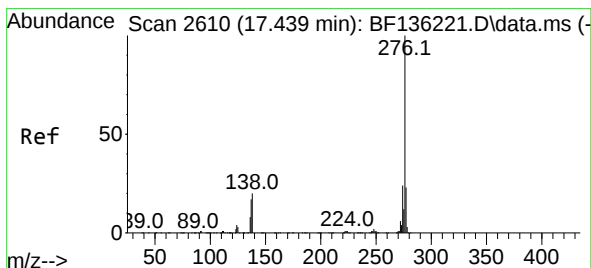
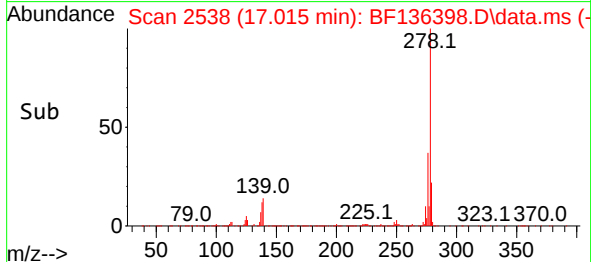
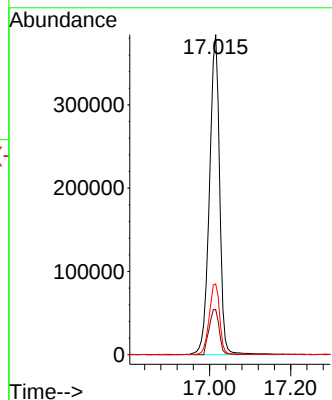
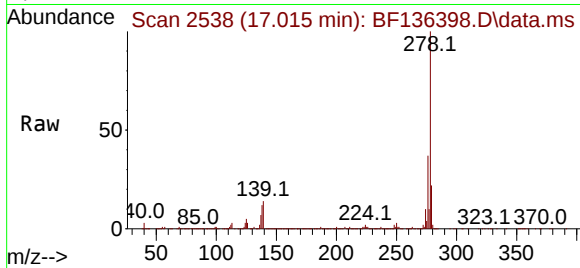


#91
Dibenzo(a,h)anthracene
Concen: 39.309 ng
RT: 17.015 min Scan# 21
Delta R.T. 0.024 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 665387

Ion	Ratio	Lower	Upper
278	100		
139	14.1	11.7	17.5
279	22.1	17.8	26.8



#92
Benzo(g,h,i)perylene
Concen: 37.370 ng
RT: 17.456 min Scan# 2613
Delta R.T. 0.035 min
Lab File: BF136398.D
Acq: 05 Dec 2023 10:04

Tgt Ion:276 Resp: 635730

Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.6	27.8
138	20.5	15.8	23.8

