

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120723\
 Data File : BF136442.D
 Acq On : 07 Dec 2023 12:18
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 07 12:40:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	134311	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	553605	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	281629	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	528524	20.000	ng	0.00
76) Chrysene-d12	13.986	240	291328	20.000	ng	0.00
86) Perylene-d12	15.462	264	262076	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	700633	77.039	ng	0.00
7) Phenol-d6	6.445	99	879765	77.534	ng	0.00
23) Nitrobenzene-d5	7.369	82	802692	78.384	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	272307	78.418	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1602841	77.658	ng	0.00
79) Terphenyl-d14	12.927	244	1833428	82.949	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	183877	51.117	ng	98
3) Pyridine	3.328	79	413206	47.433	ng	98
4) n-Nitrosodimethylamine	3.304	42	150835	39.854	ng	99
6) Aniline	6.475	93	560692	48.895	ng	96
8) 2-Chlorophenol	6.592	128	386650	38.943	ng	99
9) Benzaldehyde	6.357	77	244547	43.512	ng	99
10) Phenol	6.457	94	476054	39.428	ng	95
11) bis(2-Chloroethyl)ether	6.545	93	352524	39.170	ng	100
12) 1,3-Dichlorobenzene	6.745	146	403219	36.112	ng	100
13) 1,4-Dichlorobenzene	6.822	146	404585	35.720	ng	99
14) 1,2-Dichlorobenzene	6.975	146	385922	36.233	ng	99
15) Benzyl Alcohol	6.951	79	303612	39.958	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.081	45	440056	38.017	ng	98
17) 2-Methylphenol	7.063	107	337951	42.132	ng	95
18) Hexachloroethane	7.310	117	143289	36.235	ng	98
19) n-Nitroso-di-n-propyla...	7.222	70	252718	38.609	ng	98
20) 3+4-Methylphenols	7.216	107	401351	40.312	ng	93
22) Acetophenone	7.216	105	521896	38.177	ng	# 97
24) Nitrobenzene	7.386	77	386200	37.489	ng	99
25) Isophorone	7.628	82	708991	38.536	ng	98
26) 2-Nitrophenol	7.698	139	203400	40.162	ng	99
27) 2,4-Dimethylphenol	7.739	122	313605	50.218	ng	98
28) bis(2-Chloroethoxy)met...	7.833	93	436000	38.566	ng	99
29) 2,4-Dichlorophenol	7.939	162	323299	39.222	ng	98
30) 1,2,4-Trichlorobenzene	8.022	180	350026	36.417	ng	99
31) Naphthalene	8.104	128	1146893	37.567	ng	100
32) Benzoic acid	7.875	122	239317	38.631	ng	93
33) 4-Chloroaniline	8.157	127	479739	44.078	ng	98
34) Hexachlorobutadiene	8.216	225	200416	35.184	ng	99
35) Caprolactam	8.539	113	101297	39.906	ng	92
36) 4-Chloro-3-methylphenol	8.639	107	339877	38.834	ng	100
37) 2-Methylnaphthalene	8.798	142	767007	39.491	ng	97
38) 1-Methylnaphthalene	8.892	142	707992	37.148	ng	98
40) 1,2,4,5-Tetrachloroben...	8.963	216	352254	40.203	ng	100
41) Hexachlorocyclopentadiene	8.945	237	163796	50.460	ng	99
43) 2,4,6-Trichlorophenol	9.075	196	225536	39.532	ng	97

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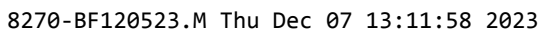
Instrument :
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Quant Time: Dec 07 12:40:20 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	265392	41.679	ng	96
46) 1,1'-Biphenyl	9.263	154	930127	38.814	ng	98
47) 2-Chloronaphthalene	9.286	162	689814	36.984	ng	99
48) 2-Nitroaniline	9.386	65	209053	41.791	ng	92
49) Acenaphthylene	9.704	152	1076917	40.532	ng	99
50) Dimethylphthalate	9.569	163	845308	40.768	ng	100
51) 2,6-Dinitrotoluene	9.633	165	181875	38.990	ng	91
52) Acenaphthene	9.875	154	668974	39.291	ng	100
53) 3-Nitroaniline	9.798	138	202087	42.425	ng	94
54) 2,4-Dinitrophenol	9.910	184	115519	48.981	ng	99
55) Dibenzofuran	10.045	168	993080	39.926	ng	98
56) 4-Nitrophenol	9.963	139	139353	39.025	ng	96
57) 2,4-Dinitrotoluene	10.033	165	240520	38.977	ng	93
58) Fluorene	10.392	166	768185	38.474	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	205458	40.283	ng	99
60) Diethylphthalate	10.269	149	800234	39.249	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	380402	39.082	ng	94
62) 4-Nitroaniline	10.416	138	200724	42.438	ng	94
63) Azobenzene	10.545	77	728526	39.256	ng	97
65) 4,6-Dinitro-2-methylph...	10.445	198	135483	41.391	ng	98
66) n-Nitrosodiphenylamine	10.504	169	694059	40.925	ng	100
67) 4-Bromophenyl-phenylether	10.874	248	246244	40.073	ng	96
68) Hexachlorobenzene	10.939	284	264425	37.232	ng	95
69) Atrazine	11.033	200	160370	33.131	ng	99
70) Pentachlorophenol	11.133	266	150388	37.519	ng	99
71) Phenanthrene	11.357	178	1154566	39.744	ng	100
72) Anthracene	11.410	178	1194568	40.826	ng	99
73) Carbazole	11.569	167	1005996	38.846	ng	100
74) Di-n-butylphthalate	11.898	149	1287768	40.563	ng	100
75) Fluoranthene	12.551	202	1162556	38.188	ng	100
77) Benzidine	12.668	184	237324	37.382	ng	98
78) Pyrene	12.780	202	1163268	40.771	ng	98
80) Butylbenzylphthalate	13.404	149	448766	44.184	ng	91
81) Benzo(a)anthracene	13.974	228	820278	40.422	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	273203	48.017	ng	99
83) Chrysene	14.010	228	819026	41.022	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	570809	45.844	ng	100
85) Di-n-octyl phthalate	14.586	149	847844	46.099	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	776890	42.670	ng	100
88) Benzo(b)fluoranthene	15.027	252	663389	37.022	ng	99
89) Benzo(k)fluoranthene	15.062	252	627797	37.177	ng	99
90) Benzo(a)pyrene	15.404	252	615163	41.570	ng	98
91) Dibenzo(a,h)anthracene	16.998	278	642750	43.092	ng	99
92) Benzo(g,h,i)perylene	17.439	276	645991	42.195	ng	99

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

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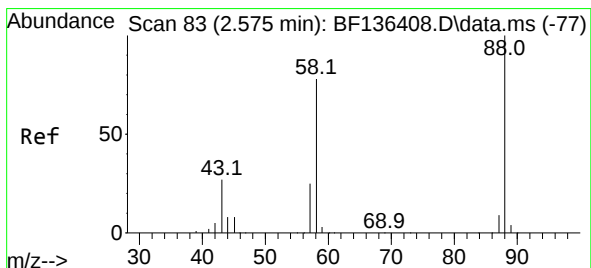
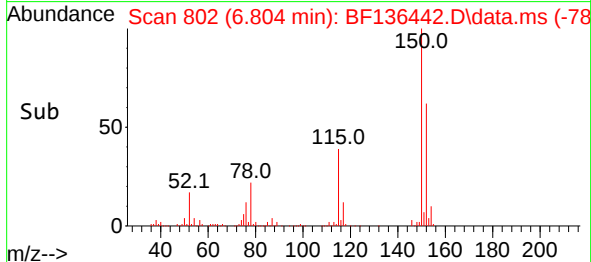
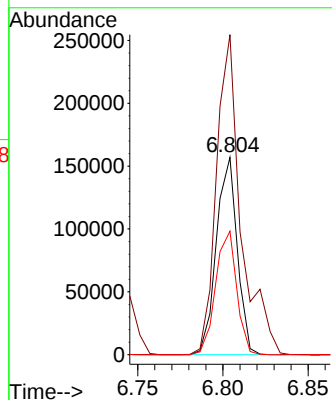
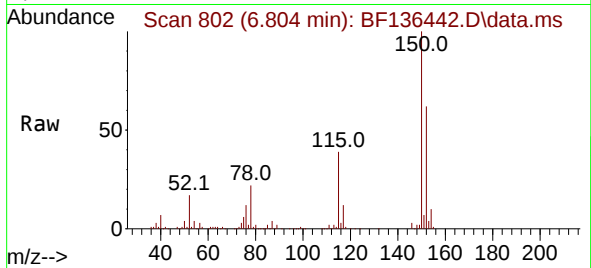




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF136442.D
 Acq: 07 Dec 2023 12:18

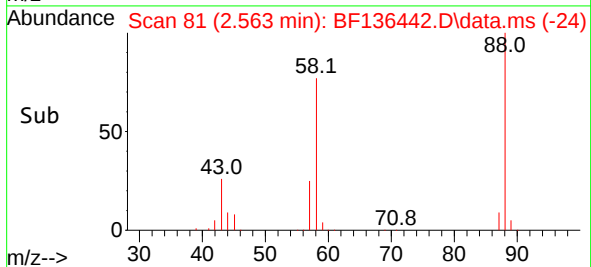
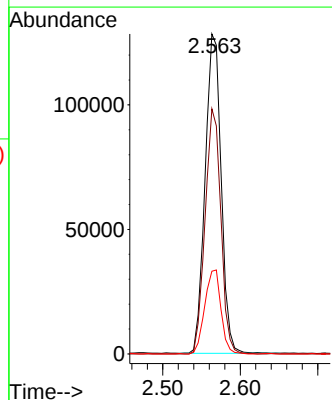
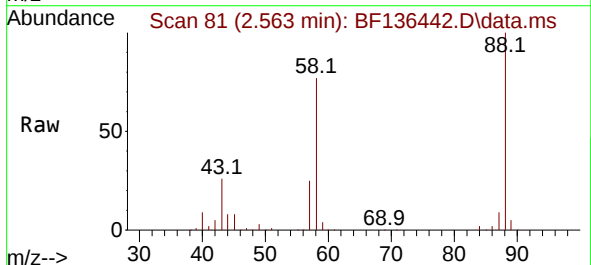
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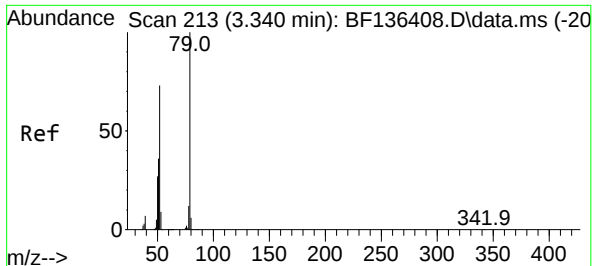
Tgt Ion:152 Resp: 134311
 Ion Ratio Lower Upper
 152 100
 150 162.2 126.4 189.6
 115 62.6 48.2 72.4



#2
 1,4-Dioxane
 Concen: 51.117 ng
 RT: 2.563 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF136442.D
 Acq: 07 Dec 2023 12:18

Tgt Ion: 88 Resp: 183877
 Ion Ratio Lower Upper
 88 100
 58 75.4 62.2 93.2
 43 26.7 21.5 32.3

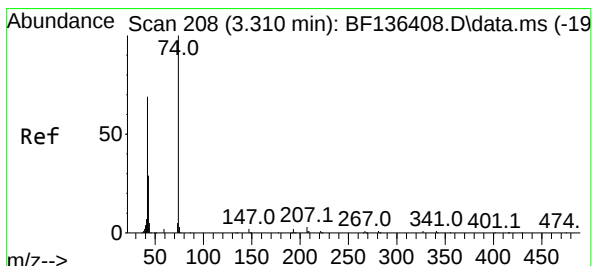
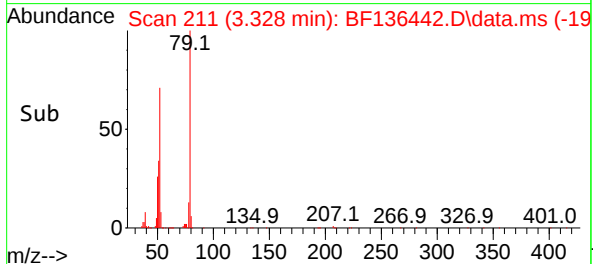
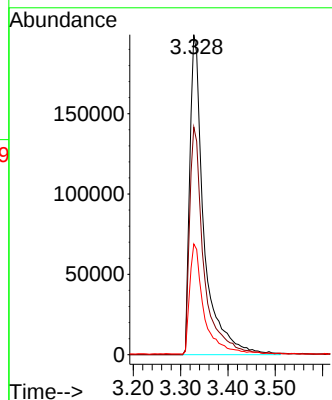
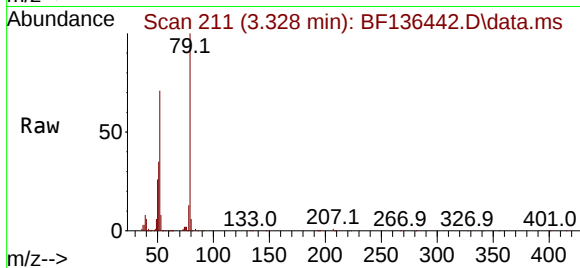




#3
Pyridine
Concen: 47.433 ng
RT: 3.328 min Scan# 213
Delta R.T. -0.012 min
Lab File: BF136442.D
Acq: 07 Dec 2023 12:18

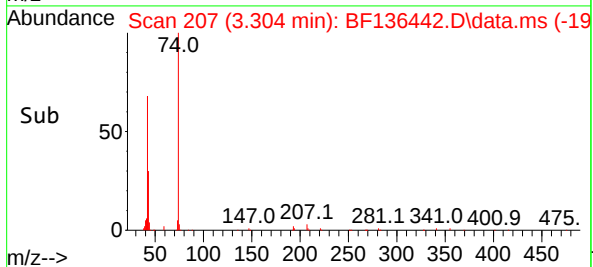
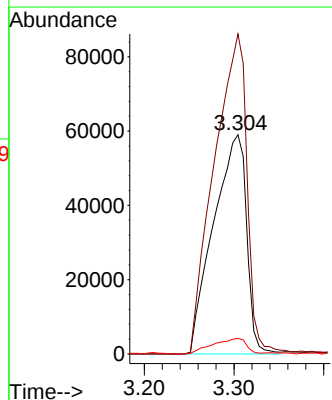
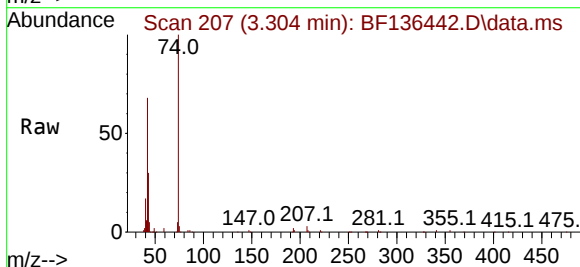
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ClientSampleId :
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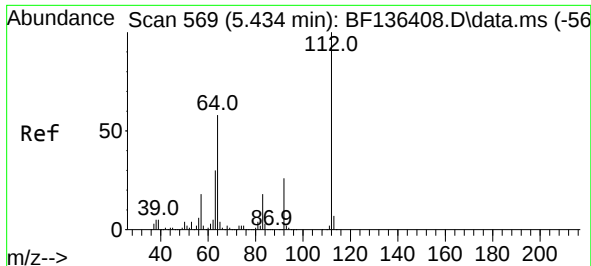
Tgt Ion: 79 Resp: 413206
Ion Ratio Lower Upper
79 100
52 71.1 58.2 87.2
51 34.6 29.1 43.7



#4
n-Nitrosodimethylamine
Concen: 39.854 ng
RT: 3.304 min Scan# 207
Delta R.T. -0.006 min
Lab File: BF136442.D
Acq: 07 Dec 2023 12:18

Tgt Ion: 42 Resp: 150835
Ion Ratio Lower Upper
42 100
74 146.0 115.4 173.0
44 7.1 6.2 9.2

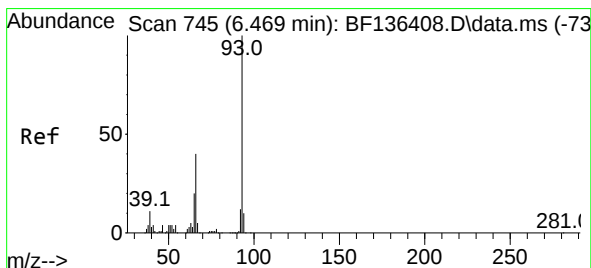
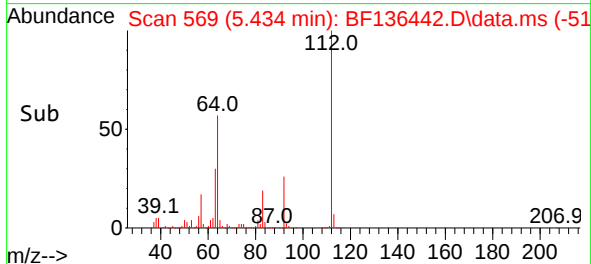
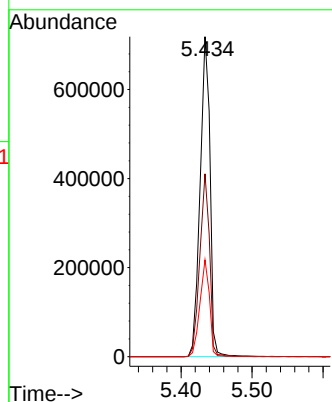
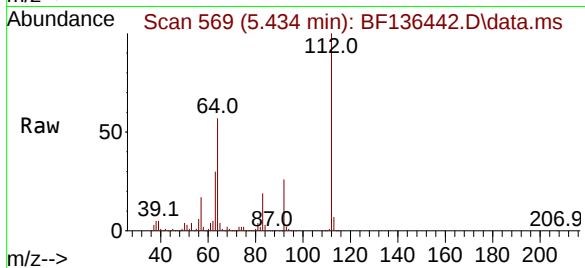




#5
2-Fluorophenol
Concen: 77.039 ng
RT: 5.434 min Scan# 509
Delta R.T. -0.000 min
Lab File: BF136442.D
Acq: 07 Dec 2023 12:18

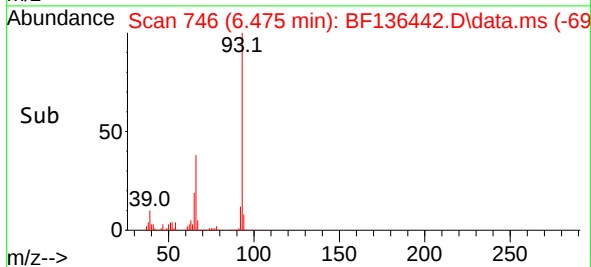
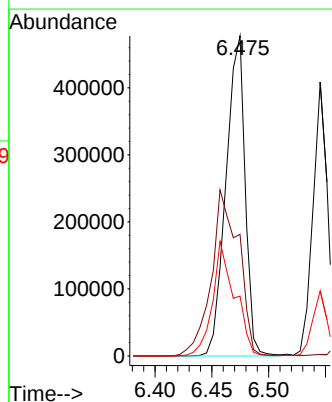
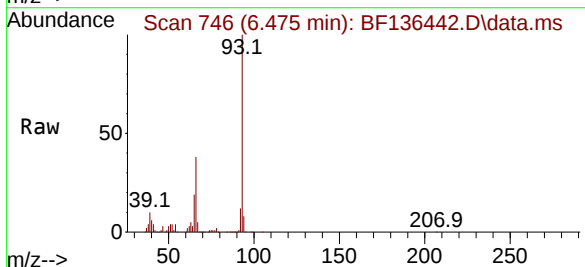
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Tgt Ion:112 Resp: 700633
Ion Ratio Lower Upper
112 100
64 57.1 46.5 69.7
63 30.3 23.9 35.9



#6
Aniline
Concen: 48.895 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF136442.D
Acq: 07 Dec 2023 12:18

Tgt Ion: 93 Resp: 560692
Ion Ratio Lower Upper
93 100
66 38.0 32.5 48.7
65 18.7 16.4 24.6

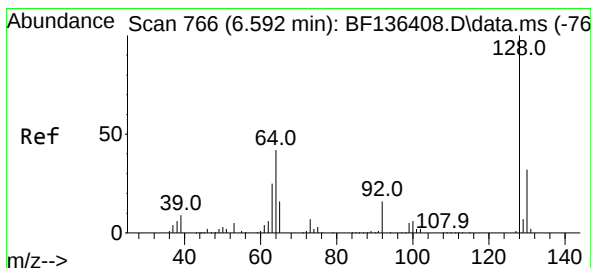
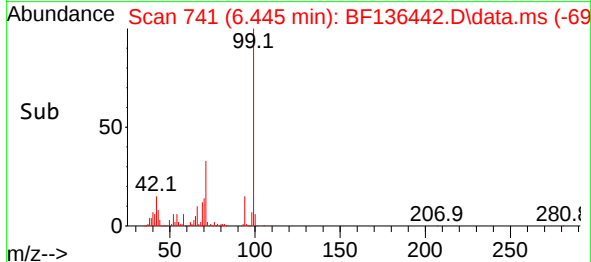
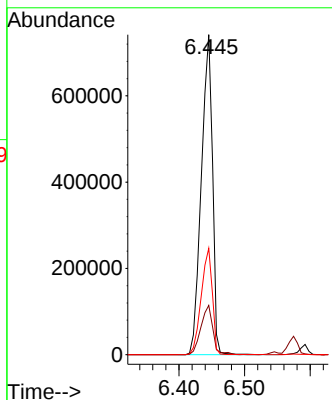
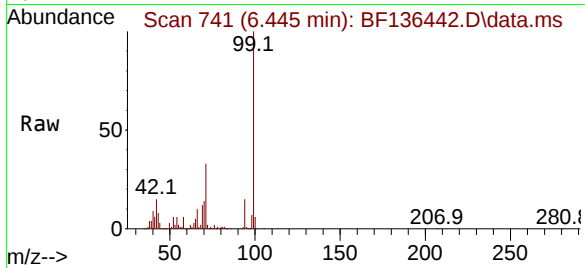




#7
Phenol-d6
Concen: 77.534 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136442.D
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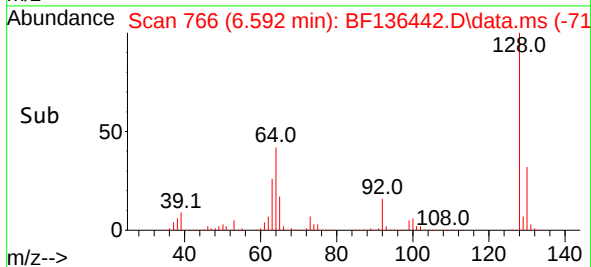
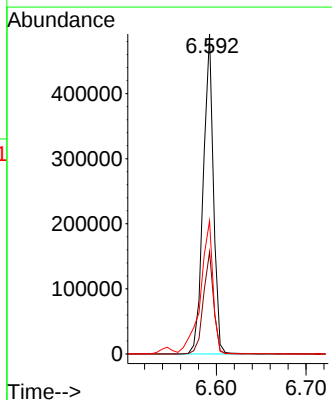
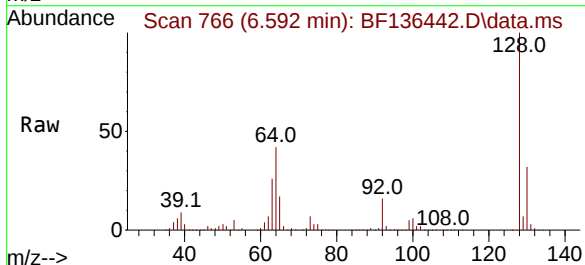
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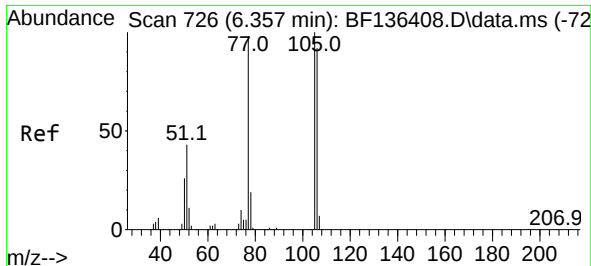
Tgt Ion: 99 Resp: 879765
Ion Ratio Lower Upper
99 100
42 15.4 12.8 19.2
71 33.2 27.0 40.4



#8
2-Chlorophenol
Concen: 38.943 ng
RT: 6.592 min Scan# 766
Delta R.T. -0.000 min
Lab File: BF136442.D
Acq: 07 Dec 2023 12:18

Tgt Ion: 128 Resp: 386650
Ion Ratio Lower Upper
128 100
130 31.9 11.7 51.7
64 41.6 22.5 62.5

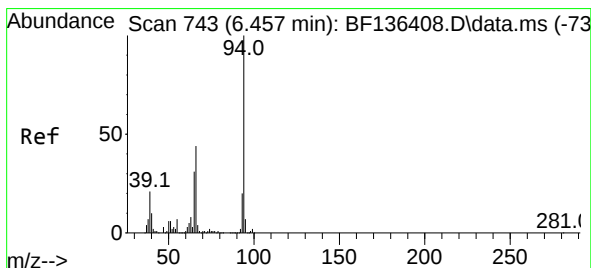
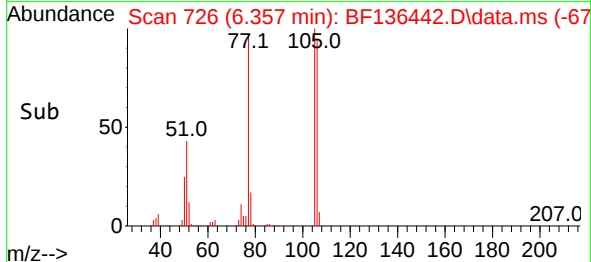
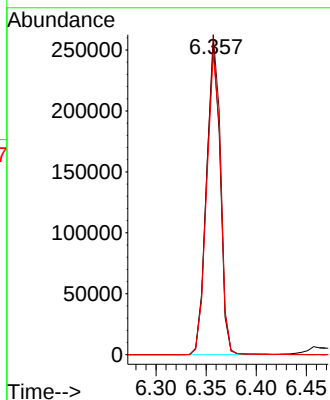
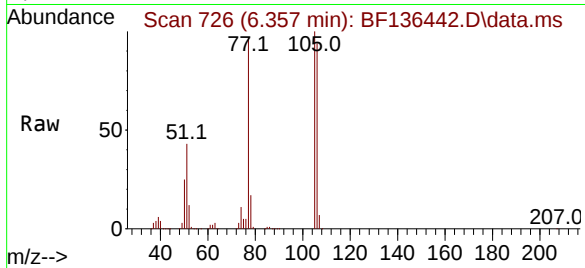




#9
Benzaldehyde
Concen: 43.512 ng
RT: 6.357 min Scan# 726
Delta R.T. -0.000 min
Lab File: BF136442.D
Acq: 07 Dec 2023 12:18

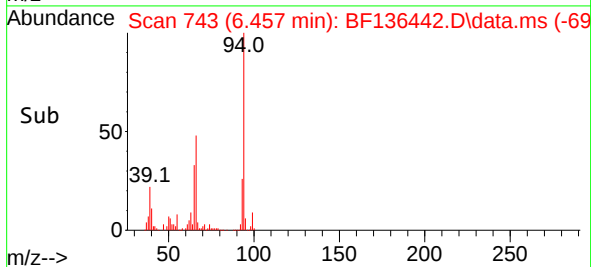
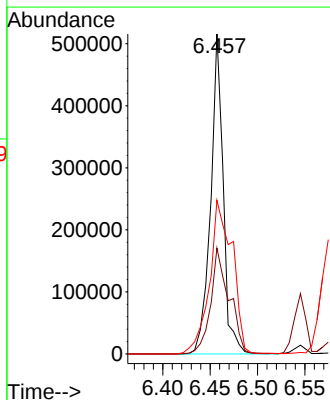
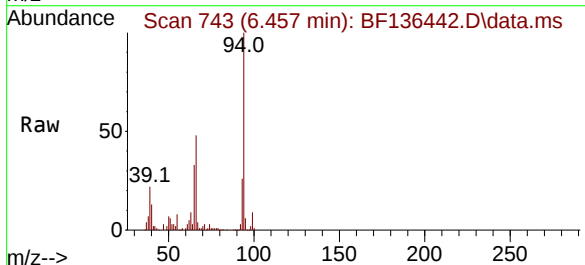
Instrument :
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ClientSampleId :
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Tgt Ion: 77 Resp: 244547
Ion Ratio Lower Upper
77 100
105 102.8 82.5 122.5
106 96.8 74.5 114.5



#10
Phenol
Concen: 39.428 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF136442.D
Acq: 07 Dec 2023 12:18

Tgt Ion: 94 Resp: 476054
Ion Ratio Lower Upper
94 100
65 33.1 11.2 51.2
66 48.1 24.2 64.2





#11

bis(2-Chloroethyl)ether

Concen: 39.170 ng

RT: 6.545 min Scan# 758

Delta R.T. -0.000 min

Lab File: BF136442.D

Acq: 07 Dec 2023 12:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

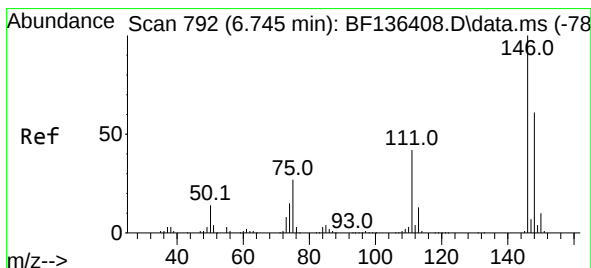
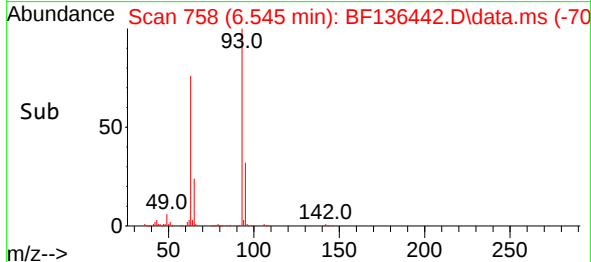
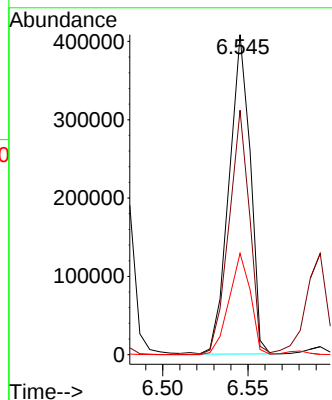
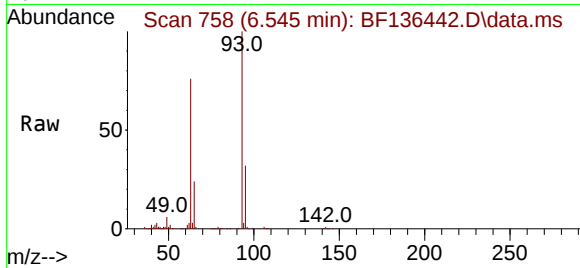
Tgt Ion: 93 Resp: 352524

Ion Ratio Lower Upper

93 100

63 76.4 56.8 96.8

95 31.6 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 36.112 ng

RT: 6.745 min Scan# 792

Delta R.T. -0.000 min

Lab File: BF136442.D

Acq: 07 Dec 2023 12:18

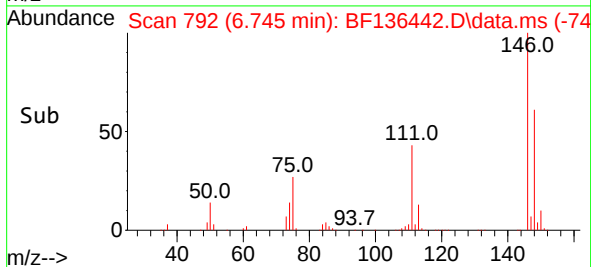
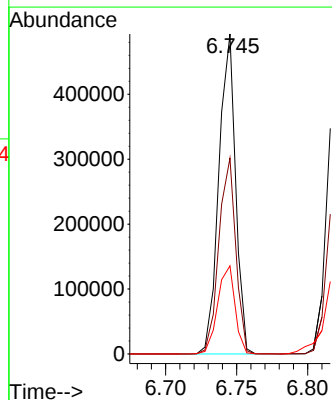
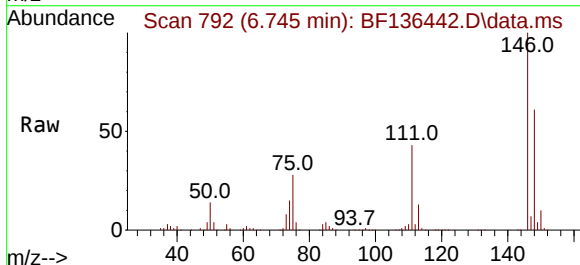
Tgt Ion: 146 Resp: 403219

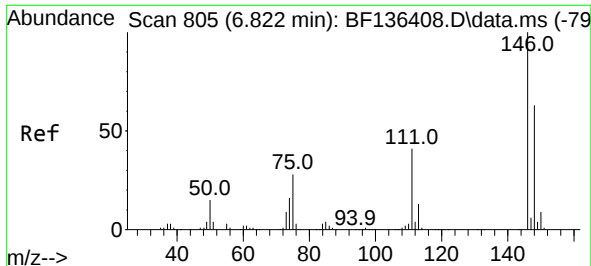
Ion Ratio Lower Upper

146 100

148 61.2 49.0 73.6

75 27.5 21.8 32.6

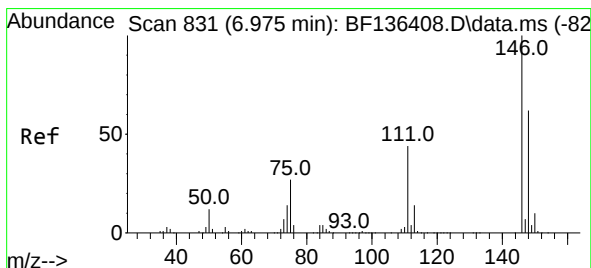
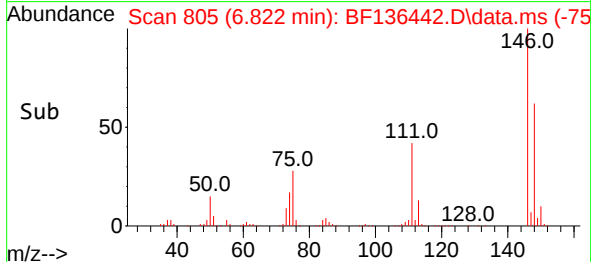
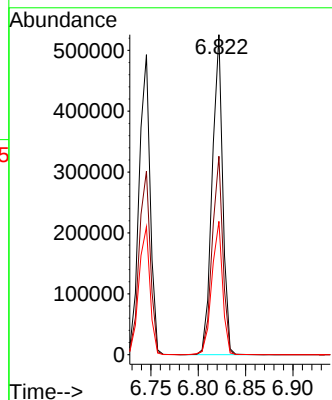
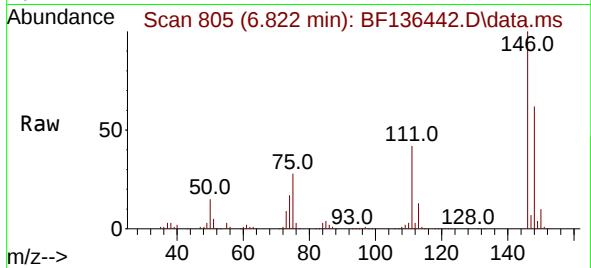




#13
1,4-Dichlorobenzene
Concen: 35.720 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF136442.D
Acq: 07 Dec 2023 12:18

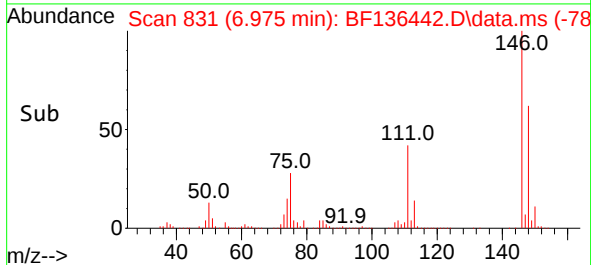
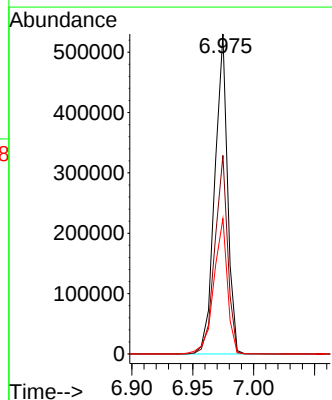
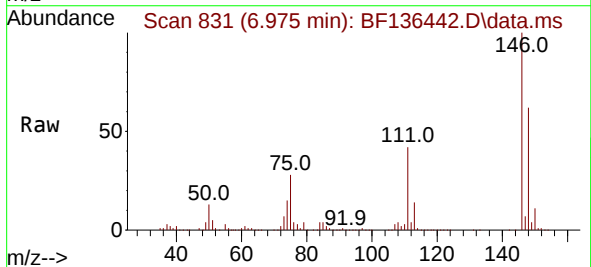
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

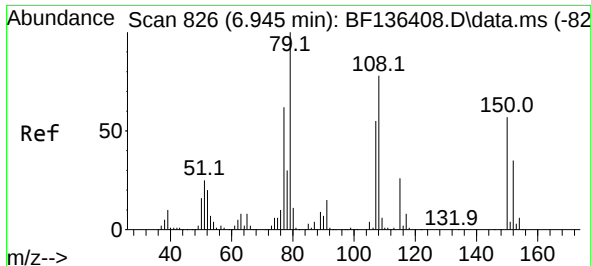
Tgt Ion:146 Resp: 404585
Ion Ratio Lower Upper
146 100
148 62.0 50.3 75.5
111 41.7 32.6 49.0



#14
1,2-Dichlorobenzene
Concen: 36.233 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.000 min
Lab File: BF136442.D
Acq: 07 Dec 2023 12:18

Tgt Ion:146 Resp: 385922
Ion Ratio Lower Upper
146 100
148 62.1 49.8 74.6
111 42.3 34.9 52.3

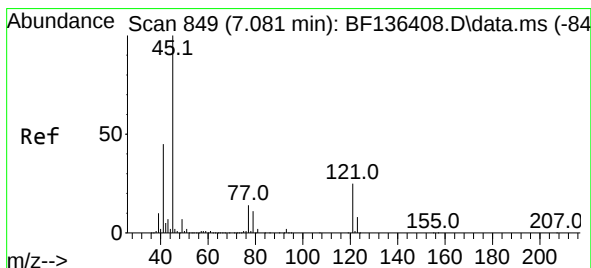
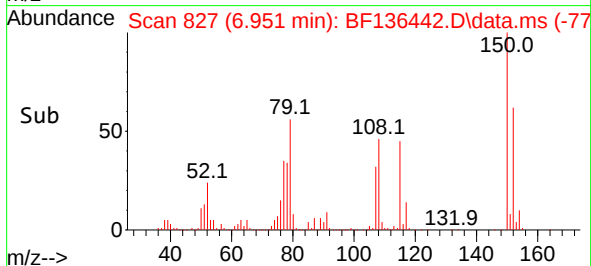
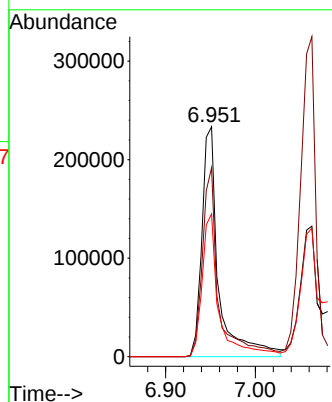
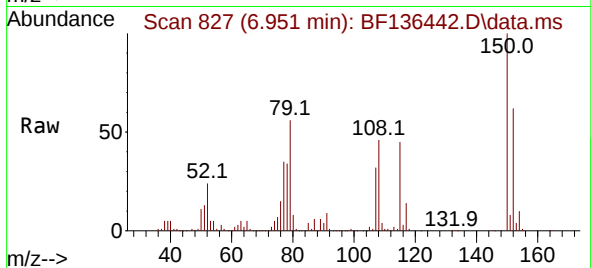




#15
Benzyl Alcohol
Concen: 39.958 ng
RT: 6.951 min Scan# 826
Delta R.T. 0.006 min
Lab File: BF136442.D
Acq: 07 Dec 2023 12:18

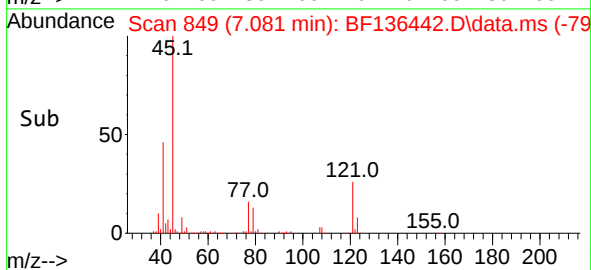
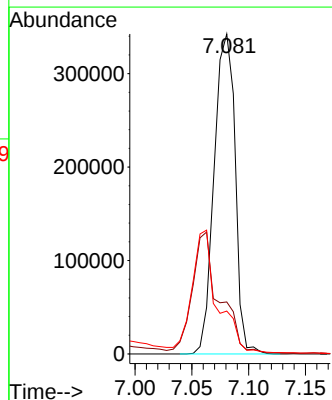
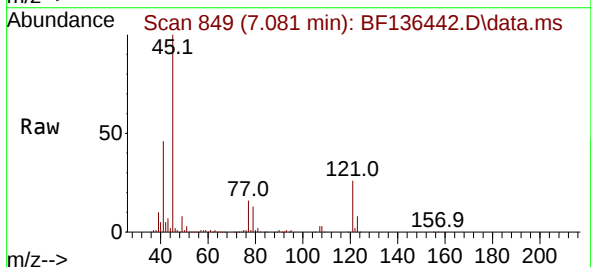
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 303612
Ion Ratio Lower Upper
79 100
108 82.1 62.3 93.5
77 62.1 49.8 74.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.017 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF136442.D
Acq: 07 Dec 2023 12:18

Tgt Ion: 45 Resp: 440056
Ion Ratio Lower Upper
45 100
77 16.3 0.0 35.3
79 13.4 0.0 32.5



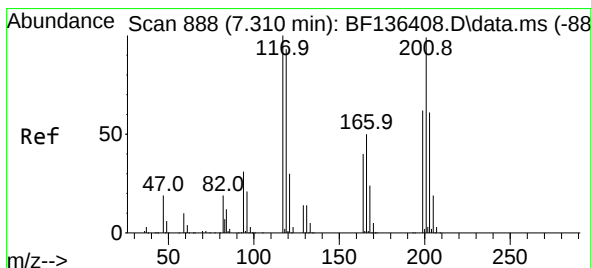
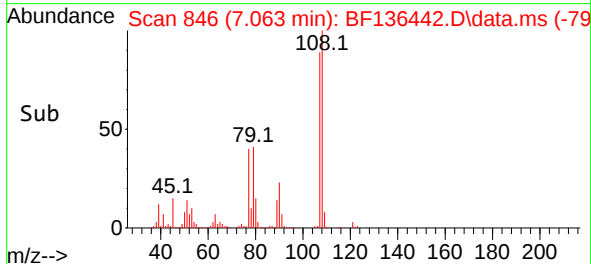
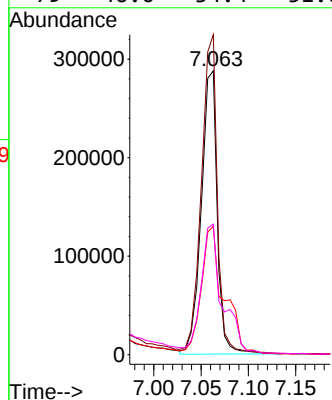
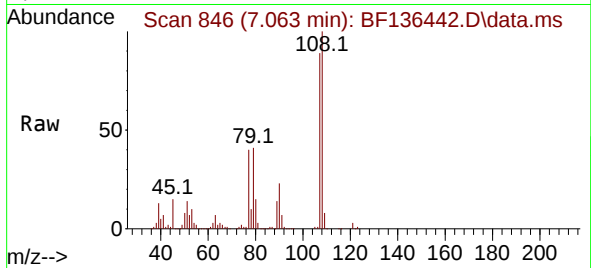


#17
2-Methylphenol
Concen: 42.132 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.006 min
Lab File: BF136442.D
Acq: 07 Dec 2023 12:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 337951

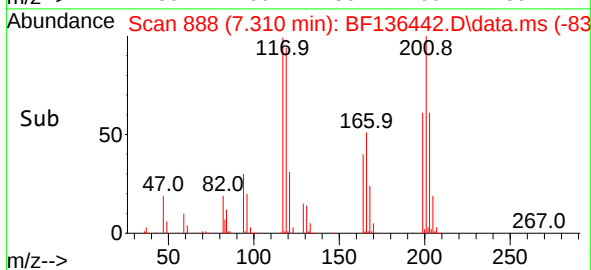
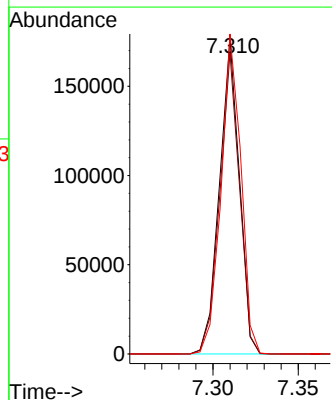
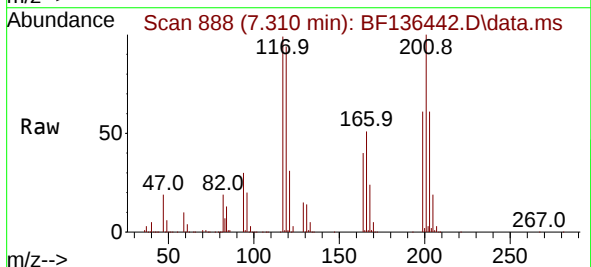
Ion	Ratio	Lower	Upper
107	100		
108	112.7	86.5	129.7
77	45.3	33.8	50.8
79	46.0	34.4	51.6



#18
Hexachloroethane
Concen: 36.235 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF136442.D
Acq: 07 Dec 2023 12:18

Tgt Ion:117 Resp: 143289

Ion	Ratio	Lower	Upper
117	100		
119	95.1	74.3	111.5
201	101.2	79.3	118.9



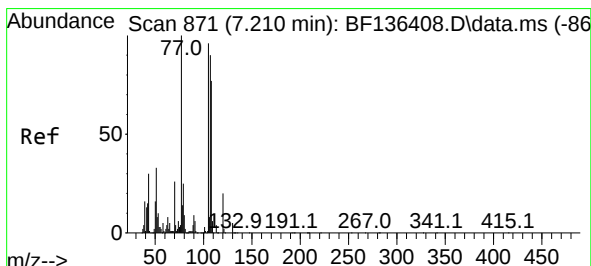
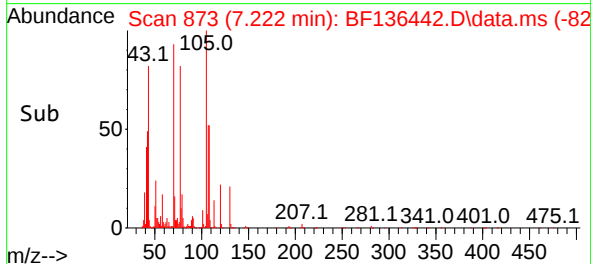
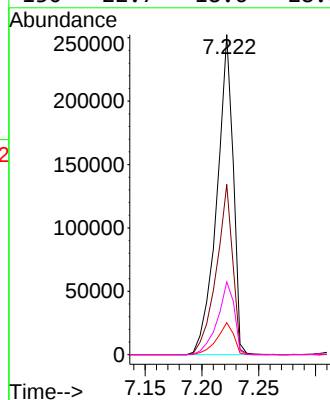
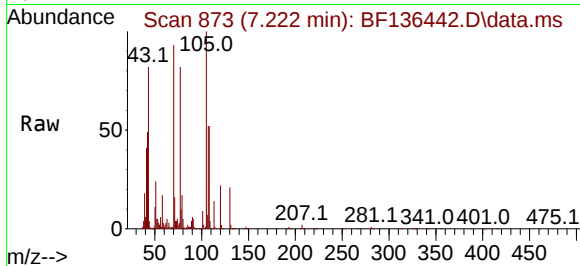


#19
n-Nitroso-di-n-propylamine
Concen: 38.609 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136442.D
Acq: 07 Dec 2023 12:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 252718

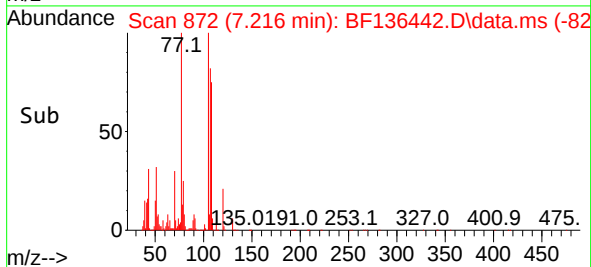
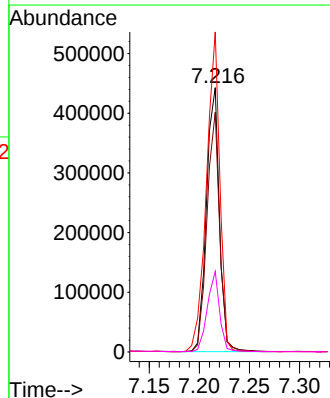
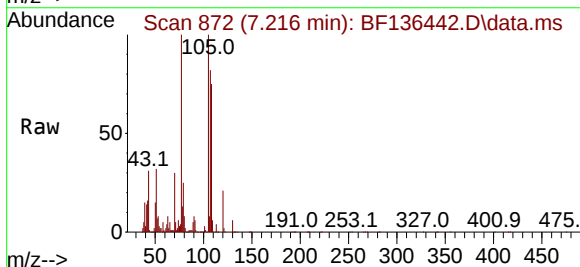
Ion	Ratio	Lower	Upper
70	100		
42	53.2	41.4	62.0
101	10.0	8.2	12.4
130	22.7	18.6	28.0

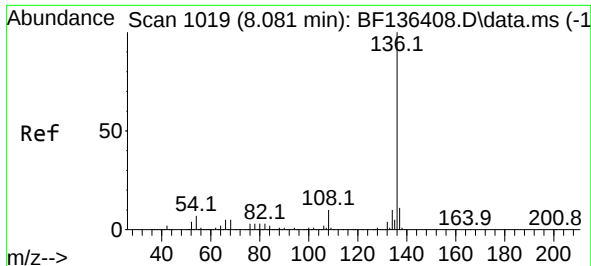


#20
3+4-Methylphenols
Concen: 40.312 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.006 min
Lab File: BF136442.D
Acq: 07 Dec 2023 12:18

Tgt Ion: 107 Resp: 401351

Ion	Ratio	Lower	Upper
107	100		
108	90.7	65.9	105.9
77	121.1	91.7	131.7
79	30.4	7.5	47.5



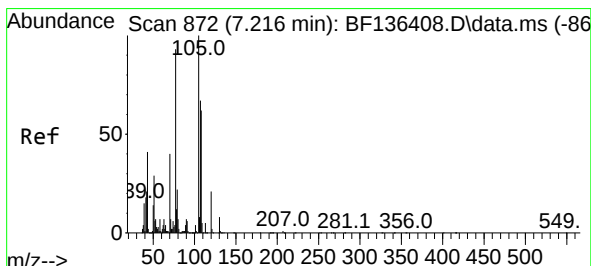
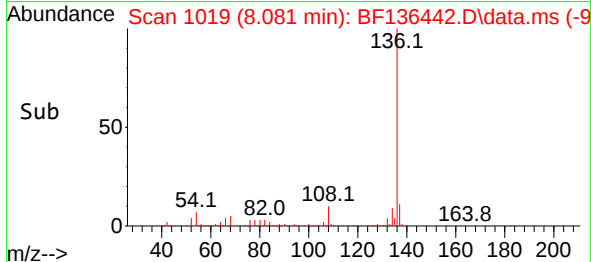
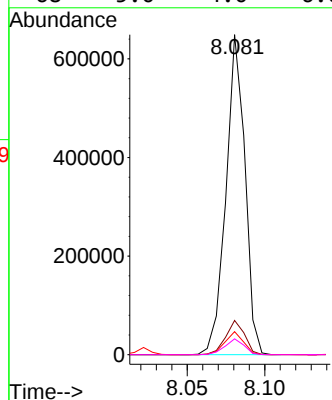
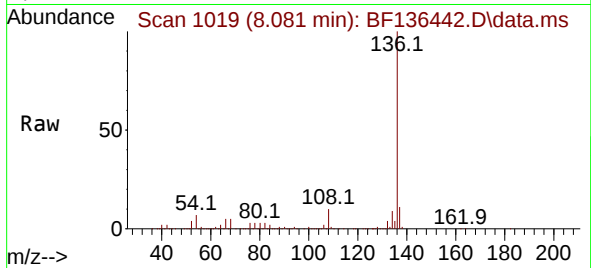


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF136442.D
Acq: 07 Dec 2023 12:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 553605

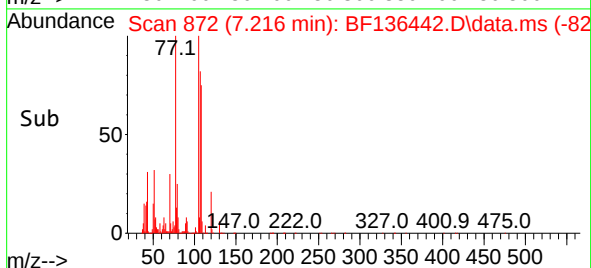
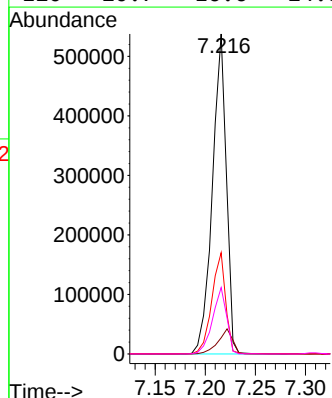
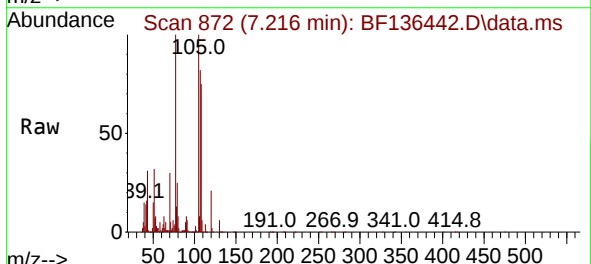
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	7.2	5.7	8.5
68	5.0	4.0	6.0

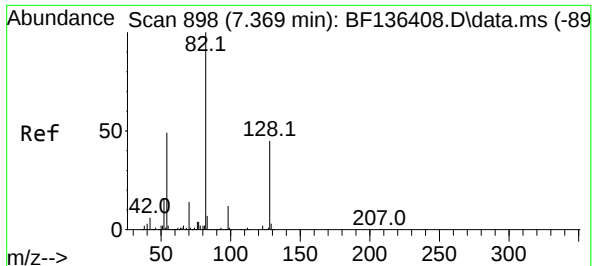


#22
Acetophenone
Concen: 38.177 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF136442.D
Acq: 07 Dec 2023 12:18

Tgt Ion:105 Resp: 521896

Ion	Ratio	Lower	Upper
105	100		
71	5.1	5.4	8.0#
51	31.7	23.4	35.2
120	20.7	16.6	24.8





#23

Nitrobenzene-d5

Concen: 78.384 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.000 min

Lab File: BF136442.D

Acq: 07 Dec 2023 12:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

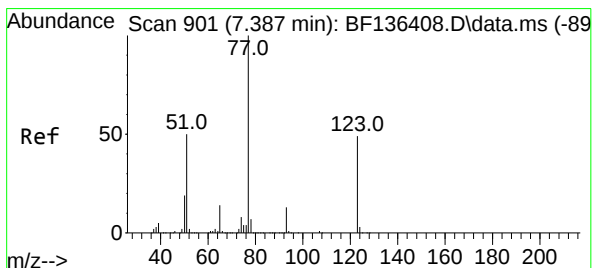
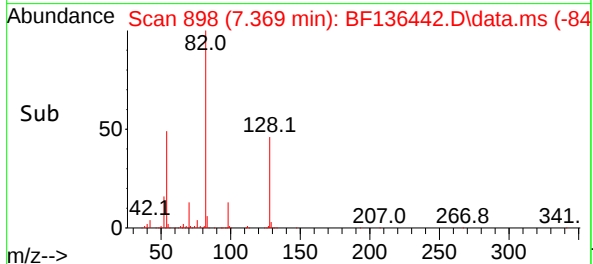
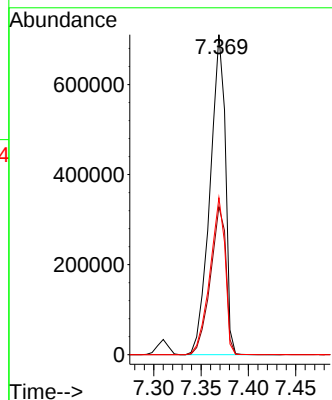
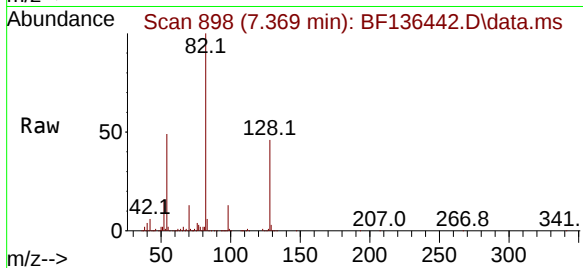
Tgt Ion: 82 Resp: 802692

Ion Ratio Lower Upper

82 100

128 46.3 36.3 54.5

54 49.1 39.0 58.6



#24

Nitrobenzene

Concen: 37.489 ng

RT: 7.386 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF136442.D

Acq: 07 Dec 2023 12:18

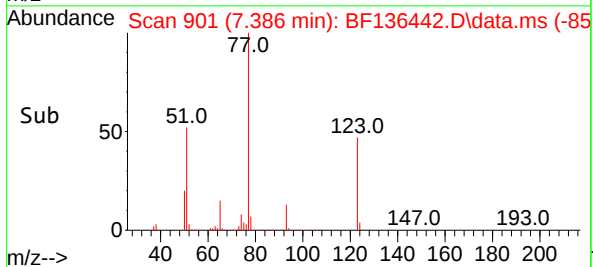
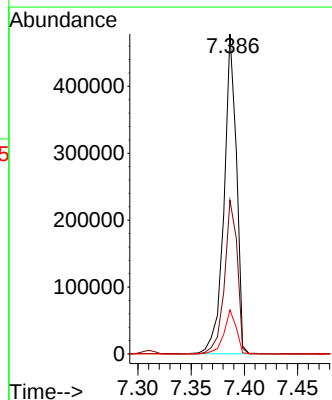
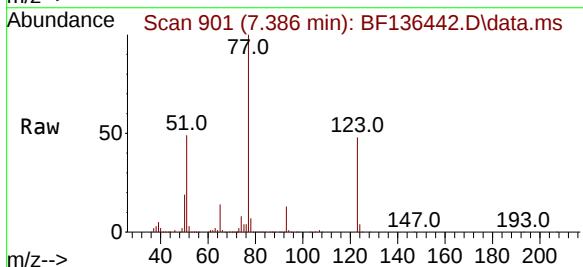
Tgt Ion: 77 Resp: 386200

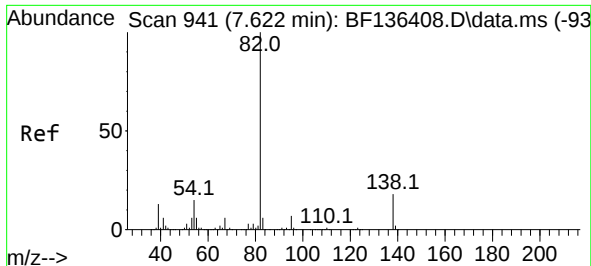
Ion Ratio Lower Upper

77 100

123 48.1 39.0 58.6

65 13.7 11.3 16.9

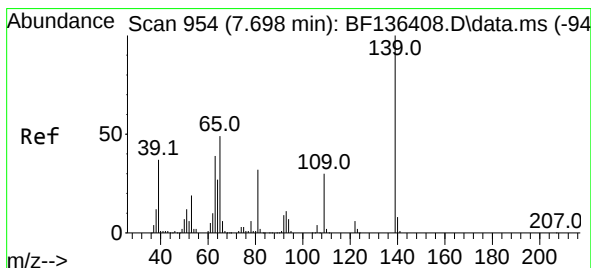
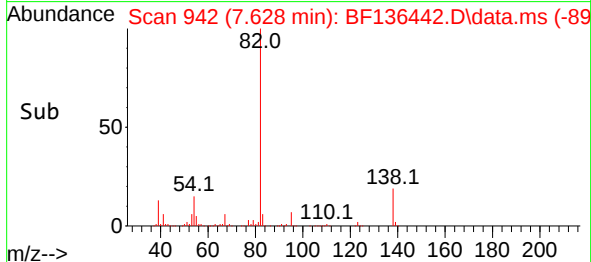
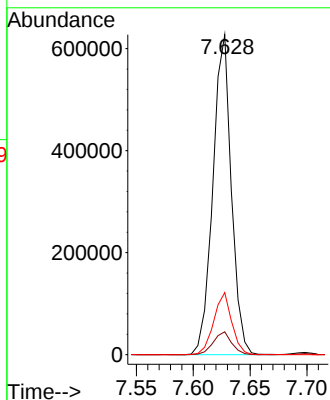
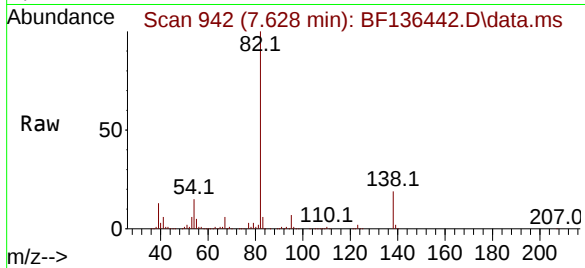




#25
Isophorone
Concen: 38.536 ng
RT: 7.628 min Scan# 941
Delta R.T. 0.006 min
Lab File: BF136442.D
Acq: 07 Dec 2023 12:18

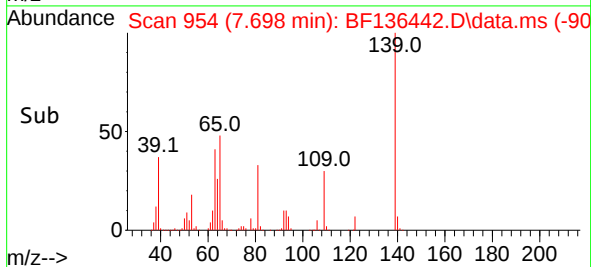
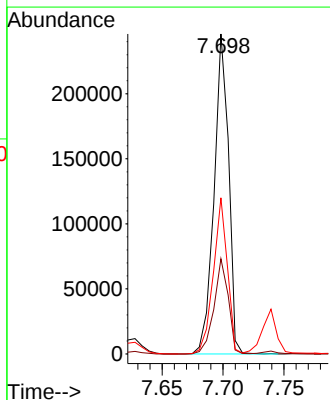
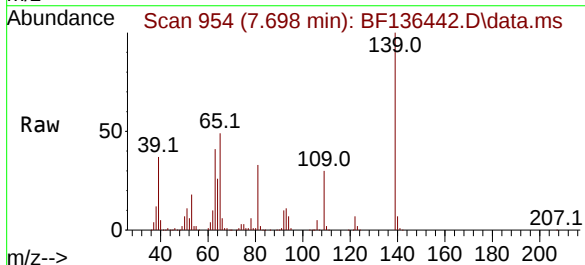
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

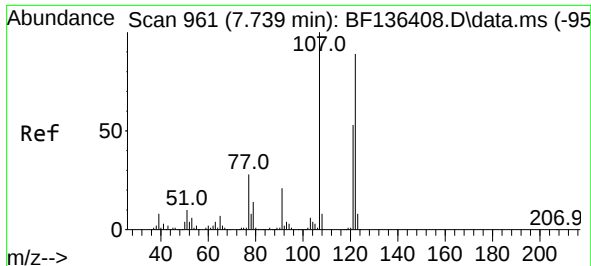
Tgt Ion: 82 Resp: 708991
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 19.4 14.5 21.7



#26
2-Nitrophenol
Concen: 40.162 ng
RT: 7.698 min Scan# 954
Delta R.T. -0.000 min
Lab File: BF136442.D
Acq: 07 Dec 2023 12:18

Tgt Ion:139 Resp: 203400
Ion Ratio Lower Upper
139 100
109 29.8 23.6 35.4
65 48.8 39.4 59.2

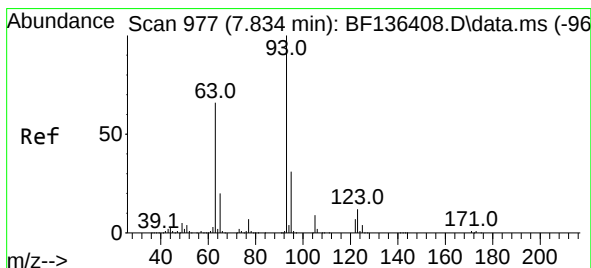
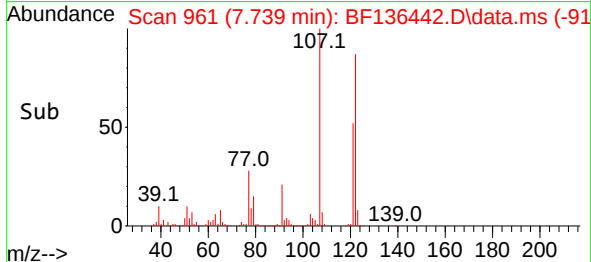
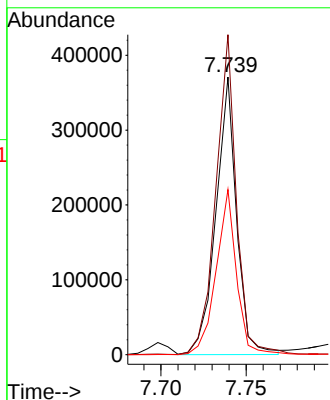
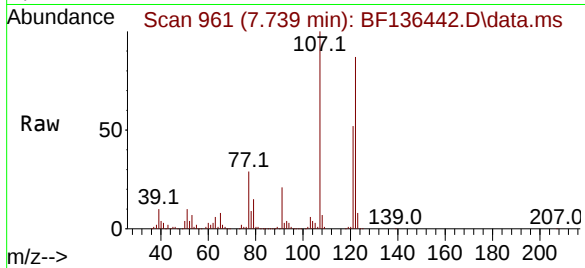




#27
2,4-Dimethylphenol
Concen: 50.218 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF136442.D
Acq: 07 Dec 2023 12:18

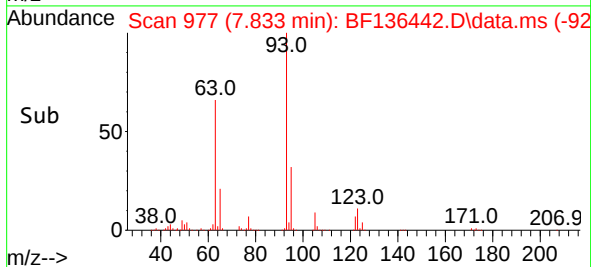
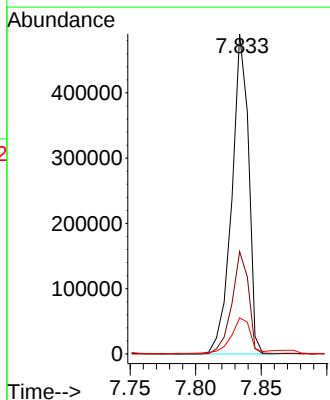
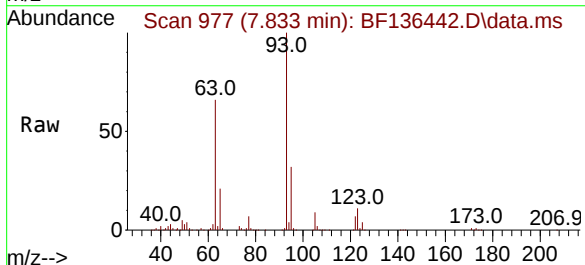
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

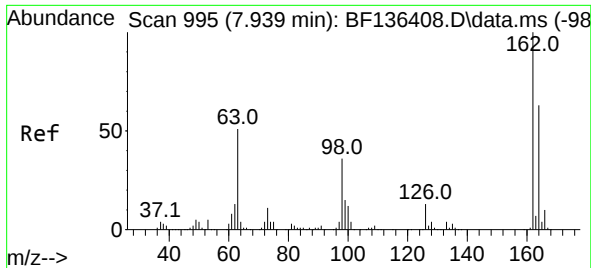
Tgt Ion:122 Resp: 313605
Ion Ratio Lower Upper
122 100
107 115.3 89.3 133.9
121 59.5 47.6 71.4



#28
bis(2-Chloroethoxy)methane
Concen: 38.566 ng
RT: 7.833 min Scan# 977
Delta R.T. -0.000 min
Lab File: BF136442.D
Acq: 07 Dec 2023 12:18

Tgt Ion: 93 Resp: 436000
Ion Ratio Lower Upper
93 100
95 32.0 25.0 37.4
123 11.2 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 39.222 ng

RT: 7.939 min Scan# 995

Delta R.T. -0.000 min

Lab File: BF136442.D

Acq: 07 Dec 2023 12:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

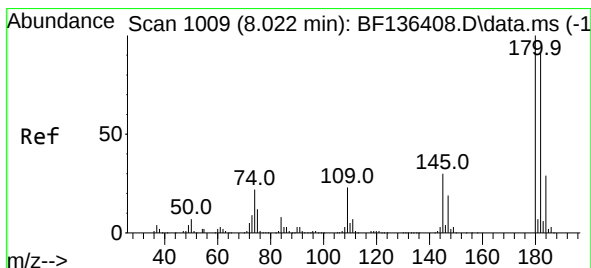
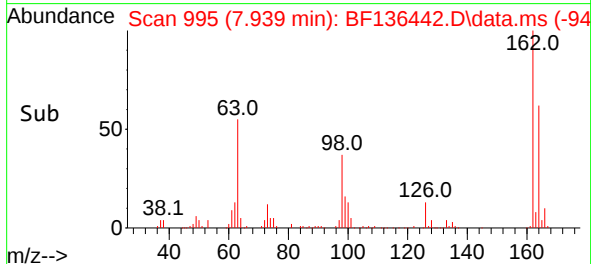
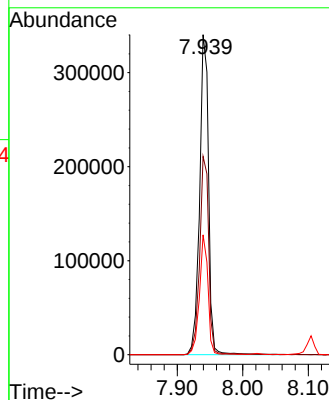
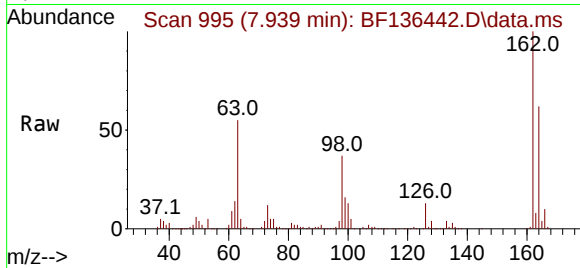
Tgt Ion:162 Resp: 323299

Ion Ratio Lower Upper

162 100

164 62.0 43.0 83.0

98 37.4 16.2 56.2



#30

1,2,4-Trichlorobenzene

Concen: 36.417 ng

RT: 8.022 min Scan# 1009

Delta R.T. -0.000 min

Lab File: BF136442.D

Acq: 07 Dec 2023 12:18

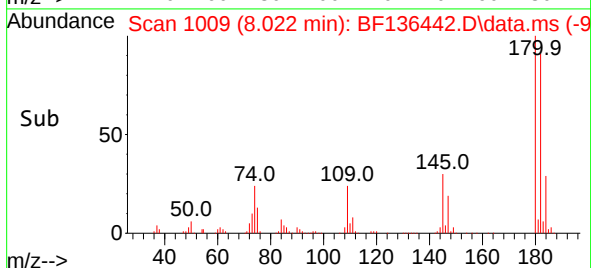
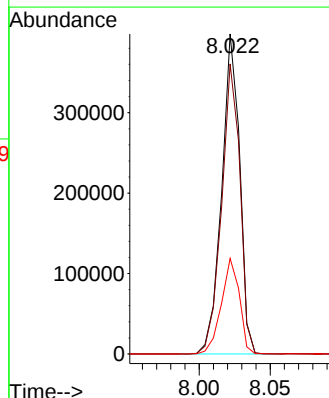
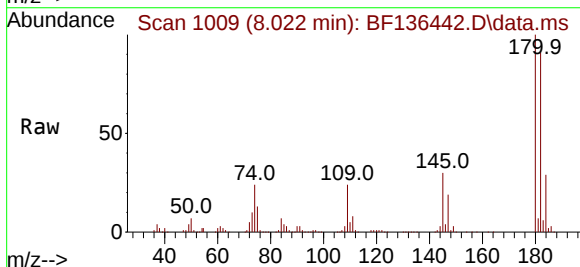
Tgt Ion:180 Resp: 350026

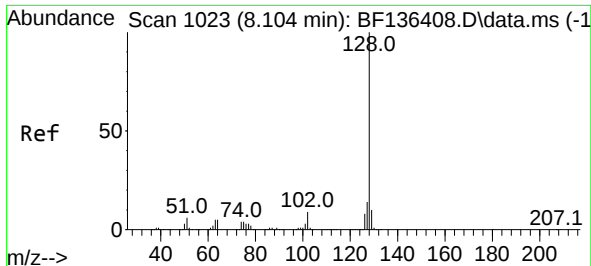
Ion Ratio Lower Upper

180 100

182 90.6 73.1 109.7

145 29.9 23.8 35.8

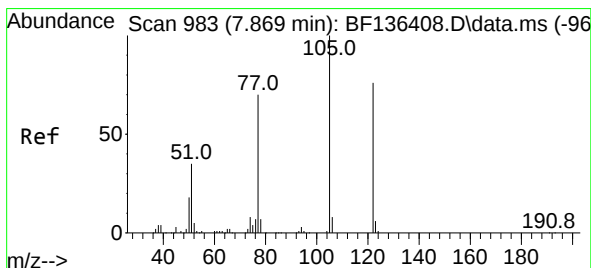
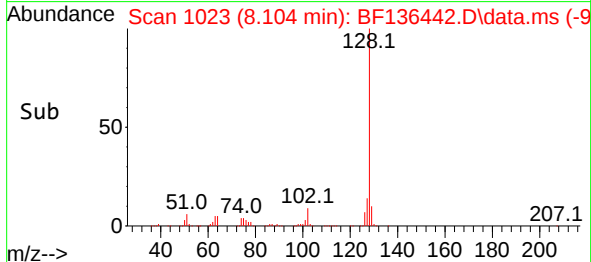
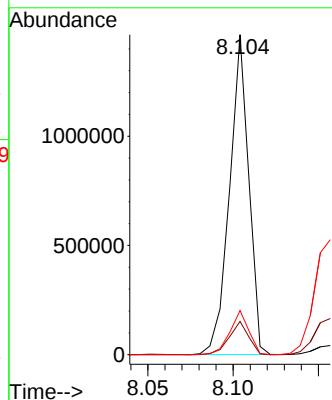
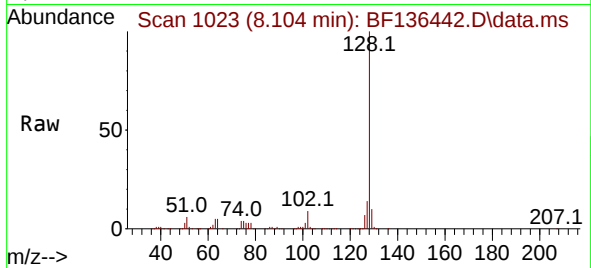




#31
Naphthalene
Concen: 37.567 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF136442.D
Acq: 07 Dec 2023 12:18

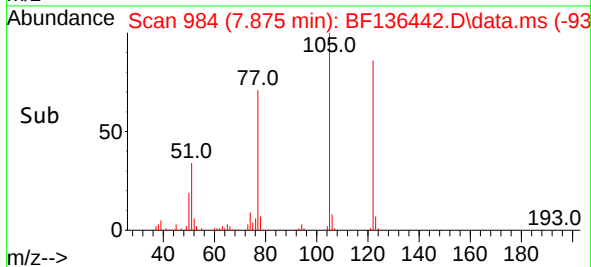
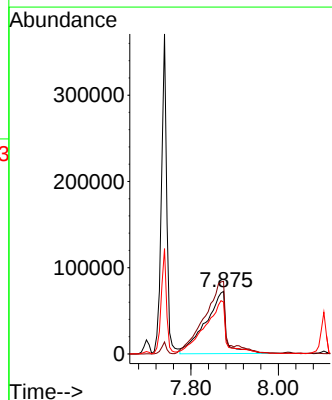
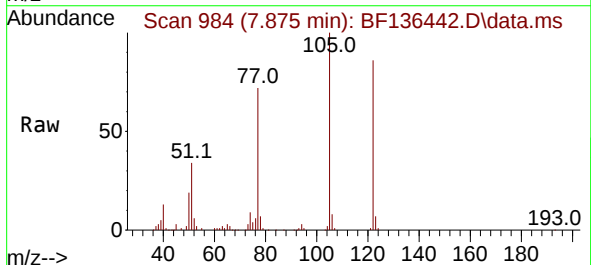
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

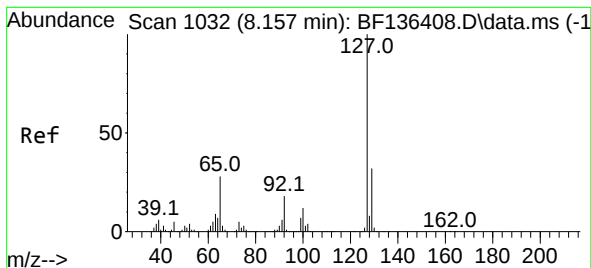
Tgt Ion:128 Resp: 1146893
Ion Ratio Lower Upper
128 100
129 10.4 8.3 12.5
127 13.8 11.1 16.7



#32
Benzoic acid
Concen: 38.631 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF136442.D
Acq: 07 Dec 2023 12:18

Tgt Ion:122 Resp: 239317
Ion Ratio Lower Upper
122 100
105 116.3 104.7 144.7
77 83.2 68.5 108.5





#33

4-Chloroaniline

Concen: 44.078 ng

RT: 8.157 min Scan# 1032

Delta R.T. -0.000 min

Lab File: BF136442.D

Acq: 07 Dec 2023 12:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 479739

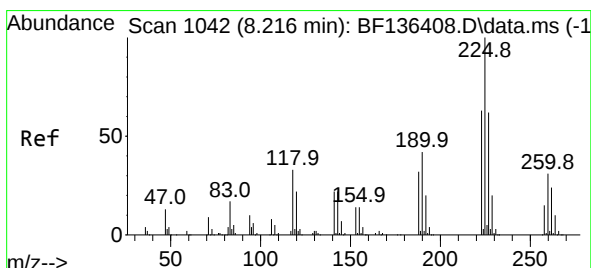
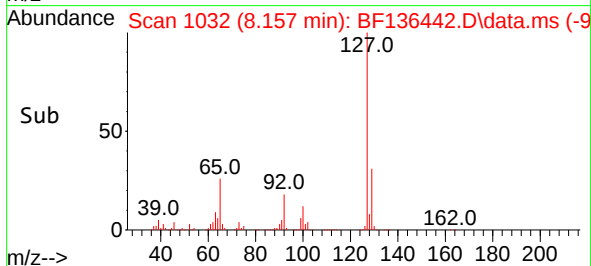
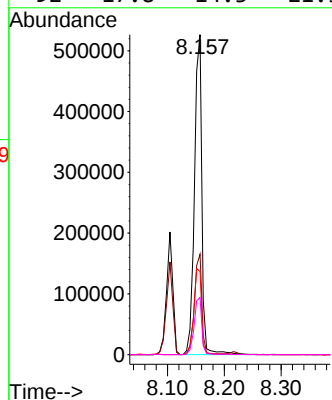
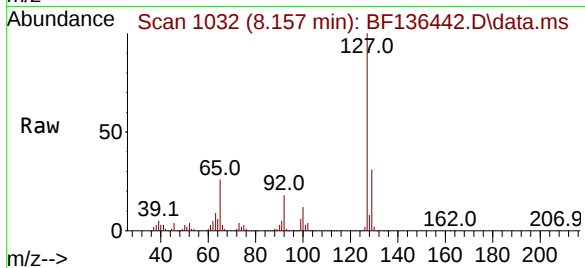
Ion Ratio Lower Upper

127 100

129 31.4 25.4 38.2

65 26.0 22.5 33.7

92 17.8 14.3 21.5



#34

Hexachlorobutadiene

Concen: 35.184 ng

RT: 8.216 min Scan# 1042

Delta R.T. -0.000 min

Lab File: BF136442.D

Acq: 07 Dec 2023 12:18

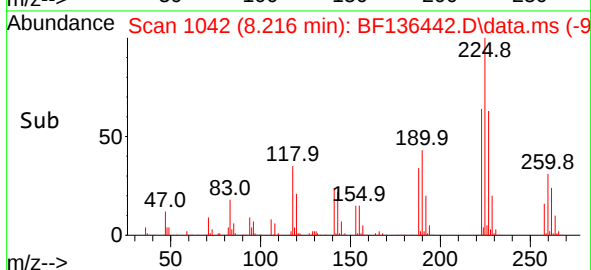
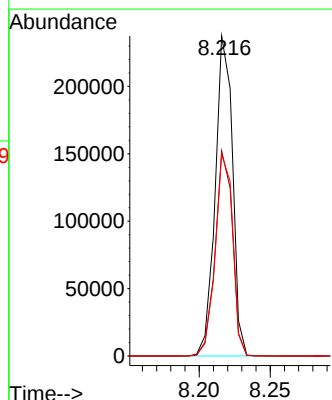
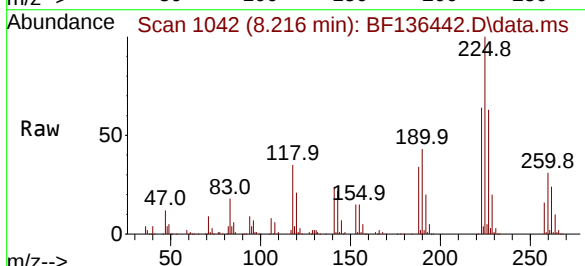
Tgt Ion:225 Resp: 200416

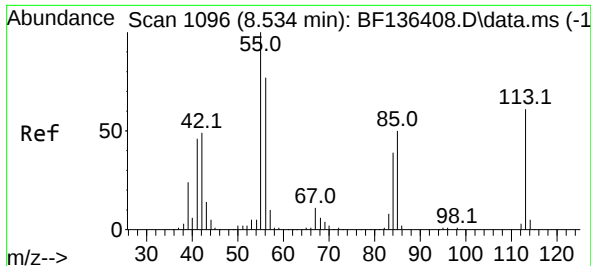
Ion Ratio Lower Upper

225 100

223 64.1 50.8 76.2

227 63.0 49.8 74.8

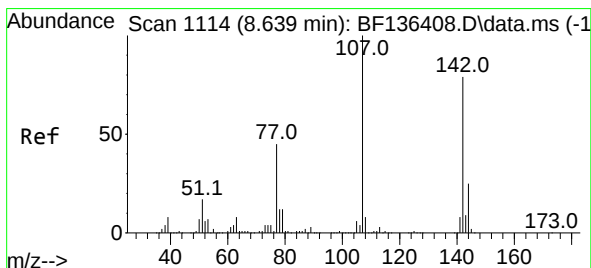
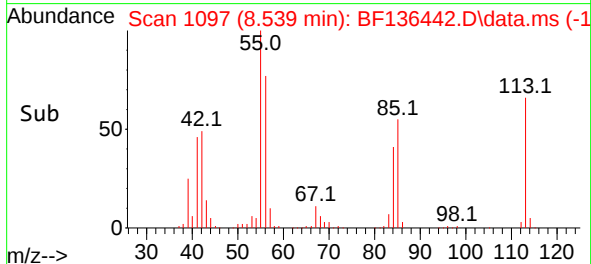
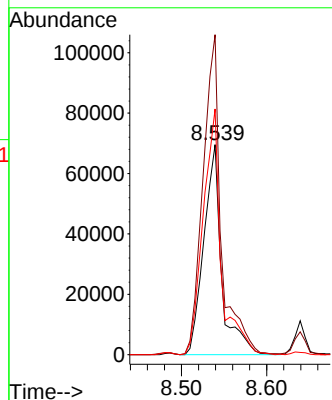
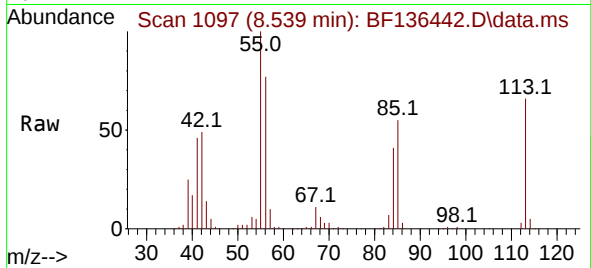




#35
 Caprolactam
 Concen: 39.906 ng
 RT: 8.539 min Scan# 1096
 Delta R.T. 0.006 min
 Lab File: BF136442.D
 Acq: 07 Dec 2023 12:18

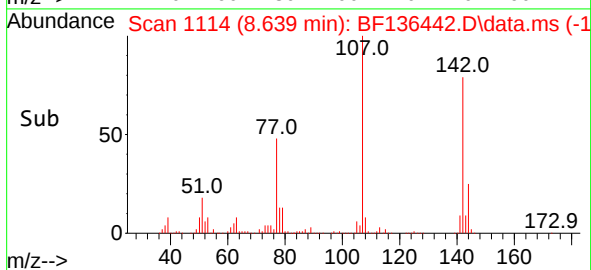
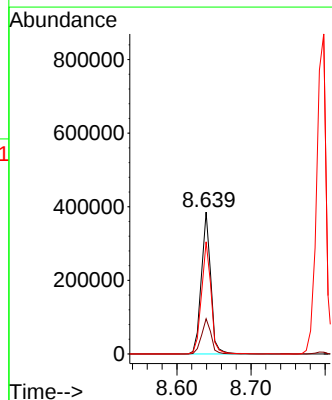
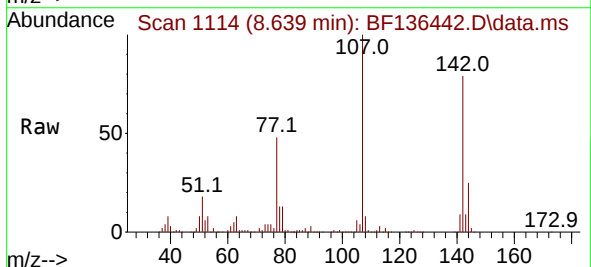
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

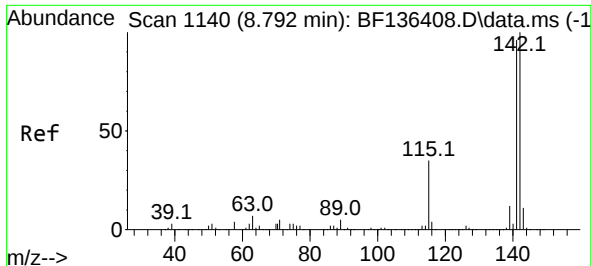
Tgt Ion:113 Resp: 101297
 Ion Ratio Lower Upper
 113 100
 55 152.3 143.7 183.7
 56 117.0 105.2 145.2



#36
 4-Chloro-3-methylphenol
 Concen: 38.834 ng
 RT: 8.639 min Scan# 1114
 Delta R.T. -0.000 min
 Lab File: BF136442.D
 Acq: 07 Dec 2023 12:18

Tgt Ion:107 Resp: 339877
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.1 30.1
 142 79.0 63.1 94.7





#37

2-Methylnaphthalene

Concen: 39.491 ng

RT: 8.798 min Scan# 1140

Delta R.T. 0.006 min

Lab File: BF136442.D

Acq: 07 Dec 2023 12:18

Instrument :

BNA_F

ClientSampleId :

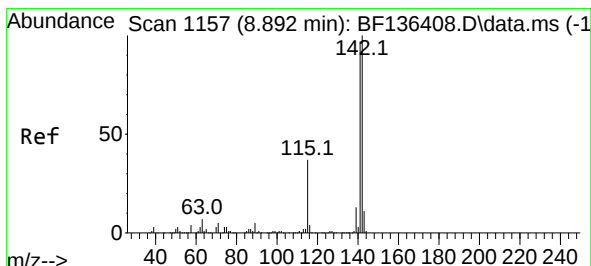
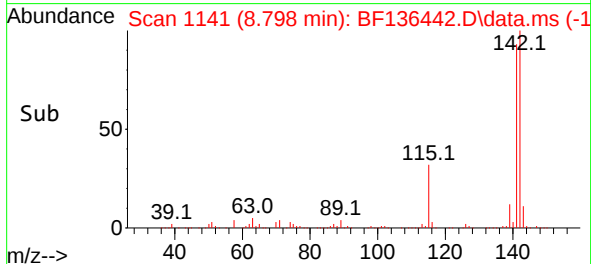
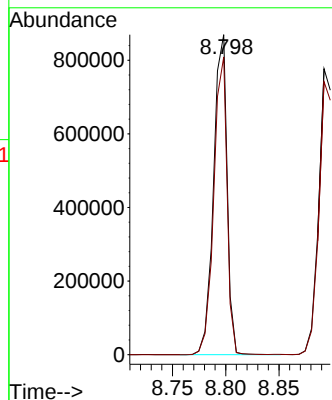
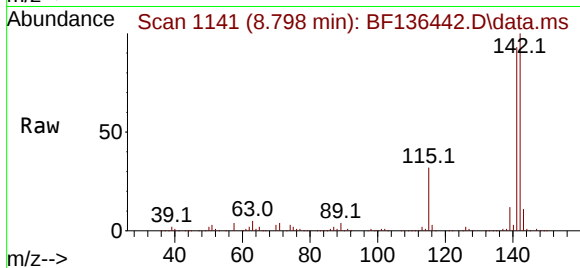
SSTDCCC040

Tgt Ion:142 Resp: 767007

Ion Ratio Lower Upper

142 100

141 93.1 76.4 114.6



#38

1-Methylnaphthalene

Concen: 37.148 ng

RT: 8.892 min Scan# 1157

Delta R.T. -0.000 min

Lab File: BF136442.D

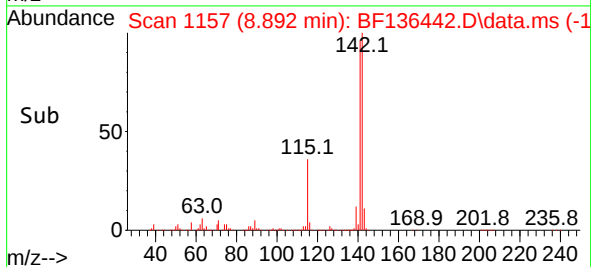
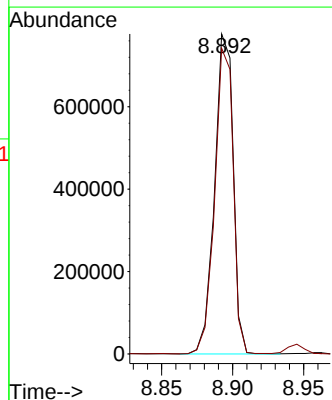
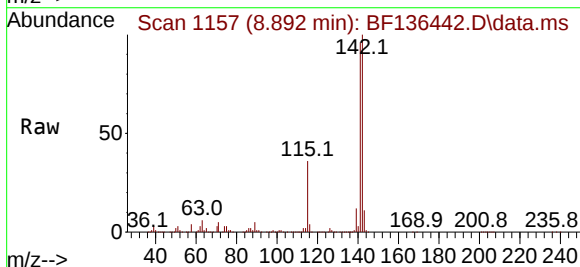
Acq: 07 Dec 2023 12:18

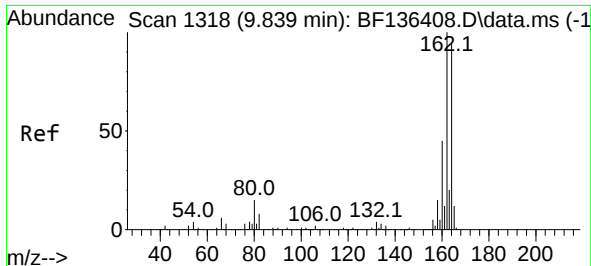
Tgt Ion:142 Resp: 707992

Ion Ratio Lower Upper

142 100

141 95.5 77.7 116.5

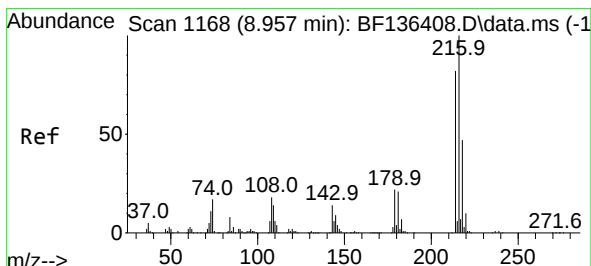
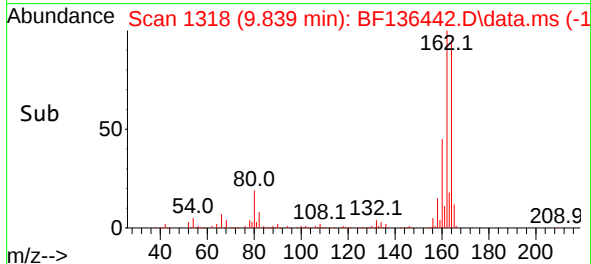
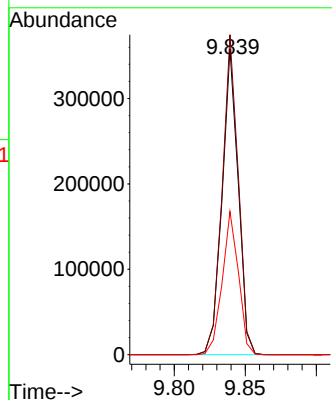
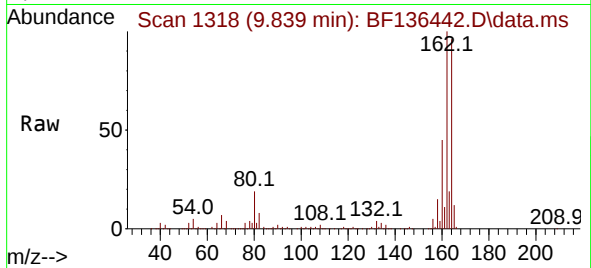




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1116
Delta R.T. -0.000 min
Lab File: BF136442.D
Acq: 07 Dec 2023 12:18

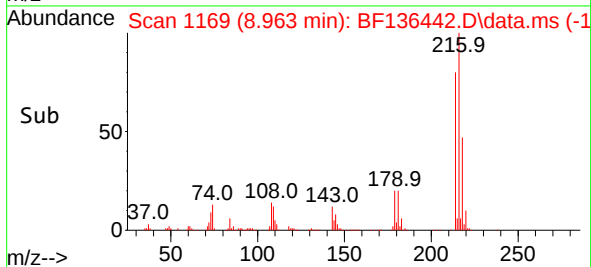
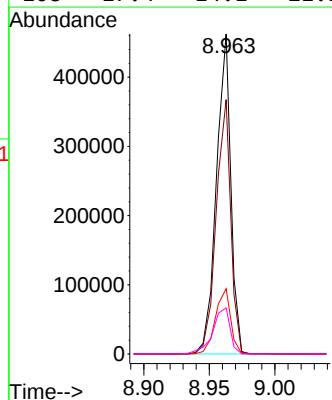
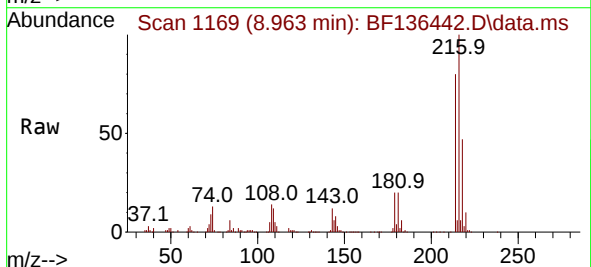
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 281629
Ion Ratio Lower Upper
164 100
162 104.6 84.4 126.6
160 46.8 37.6 56.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.203 ng
RT: 8.963 min Scan# 1169
Delta R.T. 0.006 min
Lab File: BF136442.D
Acq: 07 Dec 2023 12:18

Tgt Ion:216 Resp: 352254
Ion Ratio Lower Upper
216 100
214 80.5 64.1 96.1
179 21.5 17.0 25.6
108 17.4 14.1 21.1

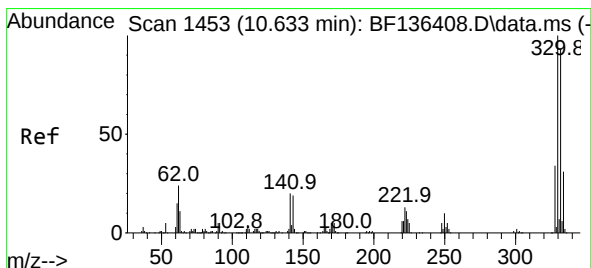
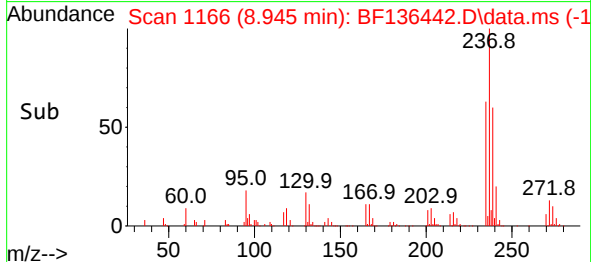
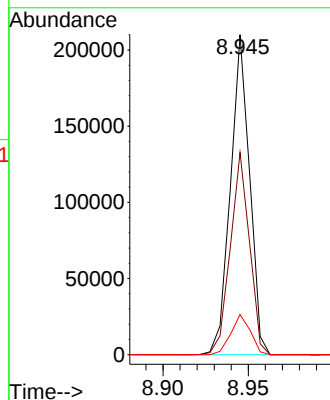
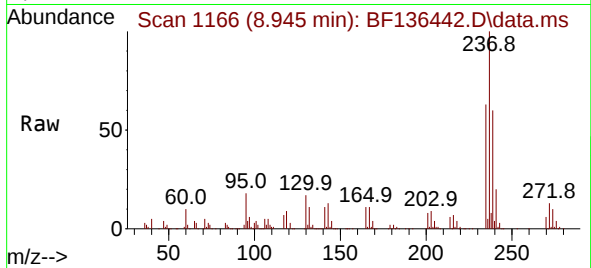




#41
Hexachlorocyclopentadiene
Concen: 50.460 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF136442.D
Acq: 07 Dec 2023 12:18

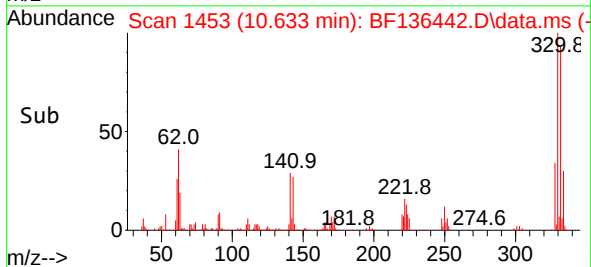
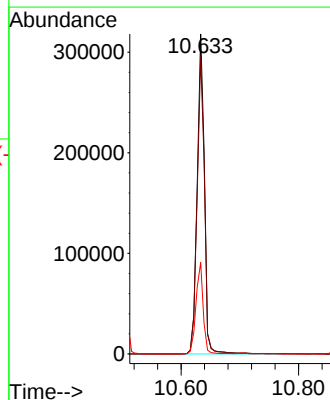
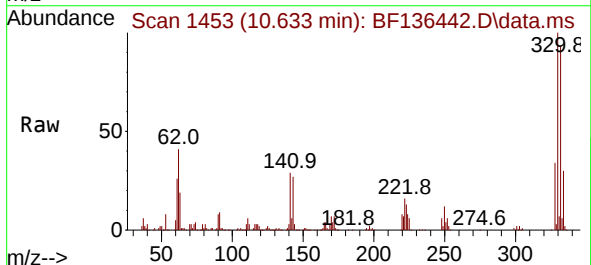
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

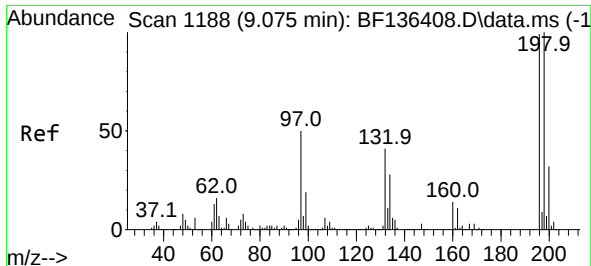
Tgt Ion:237 Resp: 163796
Ion Ratio Lower Upper
237 100
235 63.2 44.1 84.1
272 12.5 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 78.418 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BF136442.D
Acq: 07 Dec 2023 12:18

Tgt Ion:330 Resp: 272307
Ion Ratio Lower Upper
330 100
332 94.3 76.4 114.6
141 28.6 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 39.532 ng

RT: 9.075 min Scan# 1188

Delta R.T. -0.000 min

Lab File: BF136442.D

Acq: 07 Dec 2023 12:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

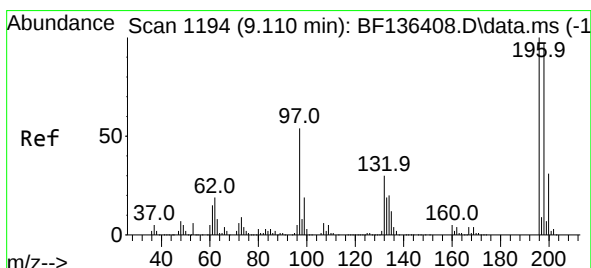
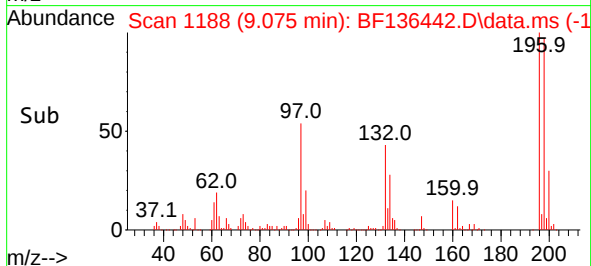
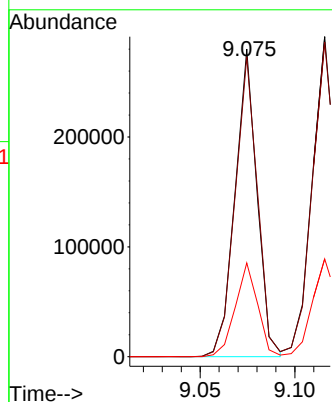
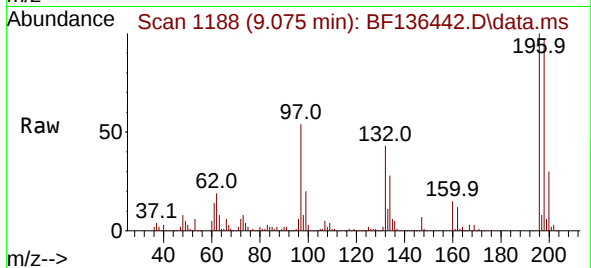
Tgt Ion:196 Resp: 225536

Ion Ratio Lower Upper

196 100

198 97.5 80.4 120.6

200 30.5 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 41.679 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.006 min

Lab File: BF136442.D

Acq: 07 Dec 2023 12:18

Tgt Ion:196 Resp: 265392

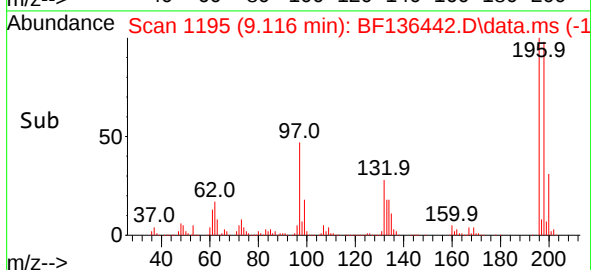
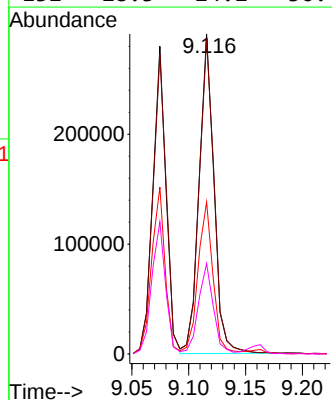
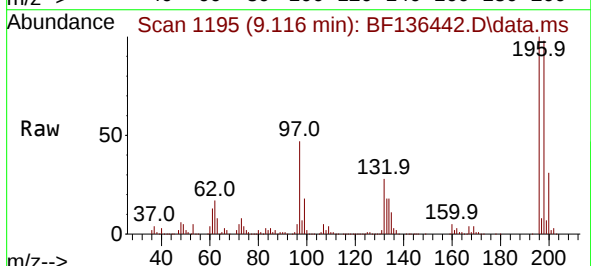
Ion Ratio Lower Upper

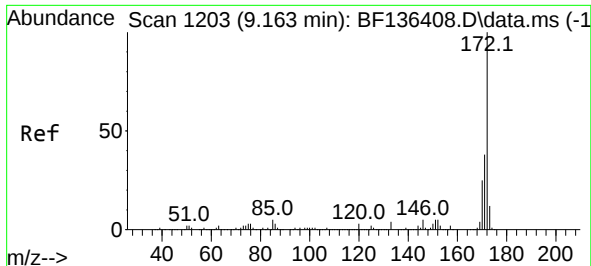
196 100

198 98.3 78.1 117.1

97 47.5 43.4 65.2

132 28.3 24.2 36.4

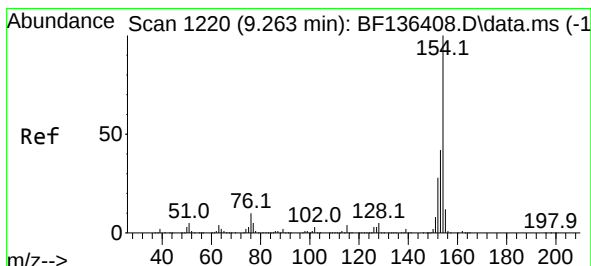
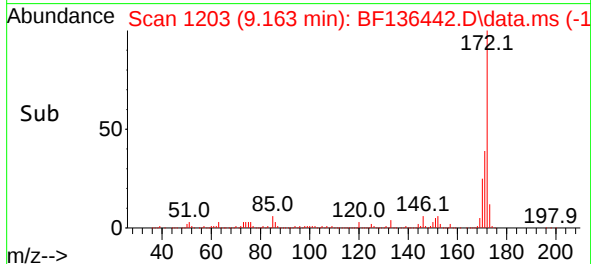
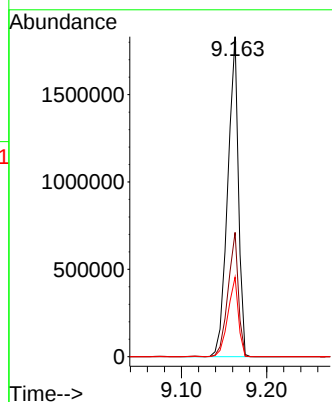
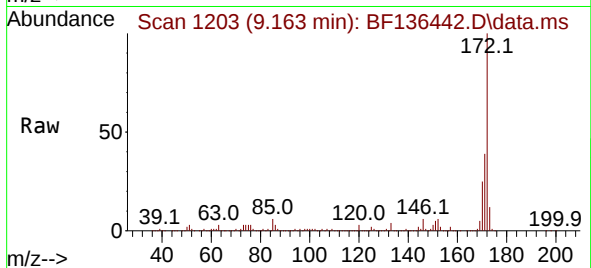




#45
2-Fluorobiphenyl
Concen: 77.658 ng
RT: 9.163 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136442.D
Acq: 07 Dec 2023 12:18

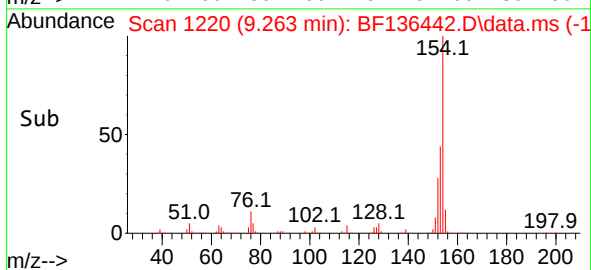
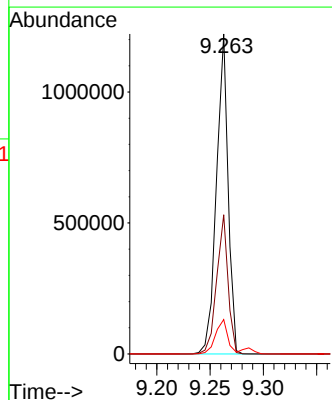
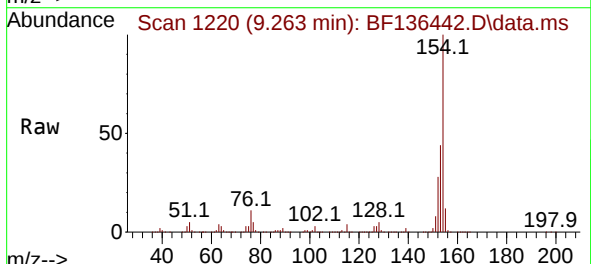
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

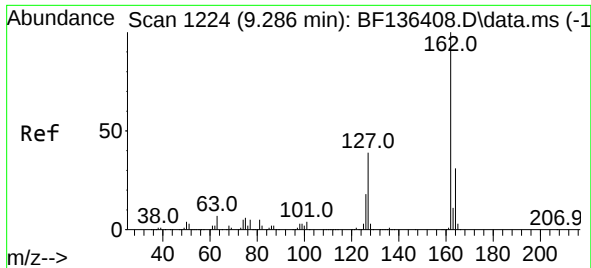
Tgt Ion:172 Resp: 1602841
Ion Ratio Lower Upper
172 100
171 38.9 30.5 45.7
170 24.9 19.9 29.9



#46
1,1'-Biphenyl
Concen: 38.814 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF136442.D
Acq: 07 Dec 2023 12:18

Tgt Ion:154 Resp: 930127
Ion Ratio Lower Upper
154 100
153 43.5 22.5 62.5
76 10.7 0.0 29.9

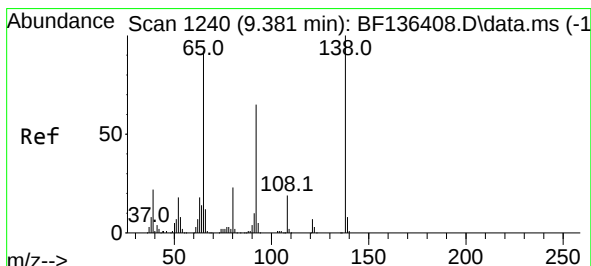
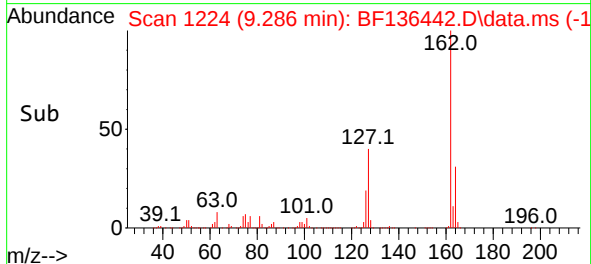
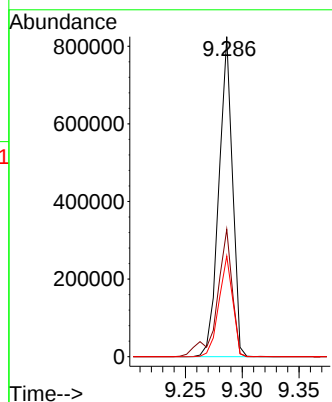
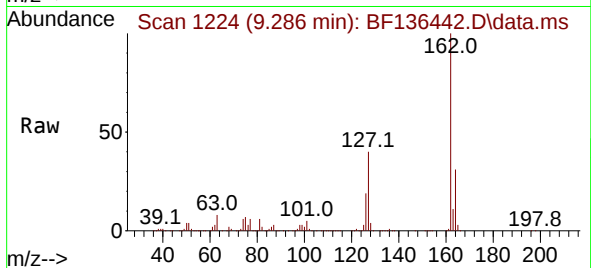




#47
2-Chloronaphthalene
Concen: 36.984 ng
RT: 9.286 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136442.D
Acq: 07 Dec 2023 12:18

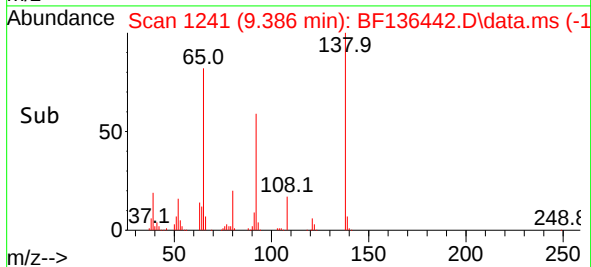
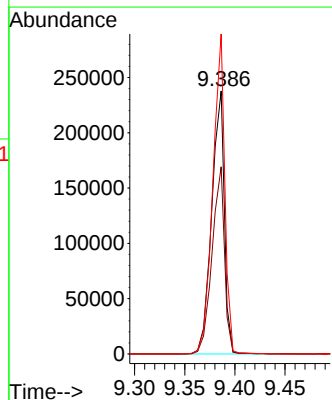
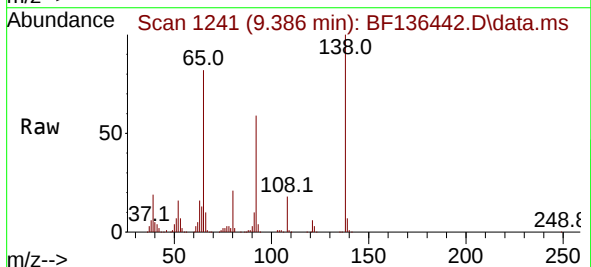
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

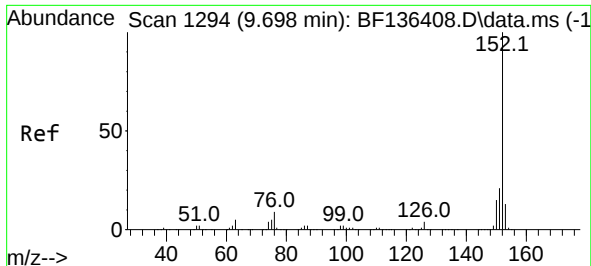
Tgt Ion:162 Resp: 689814
Ion Ratio Lower Upper
162 100
127 39.8 31.1 46.7
164 31.5 24.6 37.0



#48
2-Nitroaniline
Concen: 41.791 ng
RT: 9.386 min Scan# 1241
Delta R.T. 0.006 min
Lab File: BF136442.D
Acq: 07 Dec 2023 12:18

Tgt Ion: 65 Resp: 209053
Ion Ratio Lower Upper
65 100
92 71.2 56.1 84.1
138 121.6 86.7 130.1





#49

Acenaphthylene

Concen: 40.532 ng

RT: 9.704 min Scan# 1295

Delta R.T. 0.006 min

Lab File: BF136442.D

Acq: 07 Dec 2023 12:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

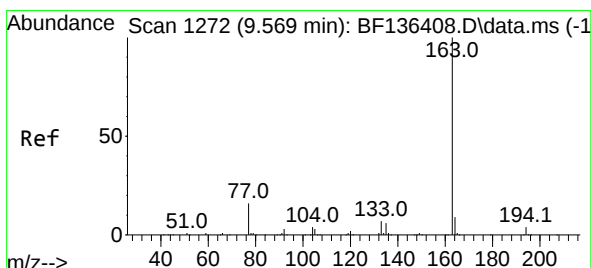
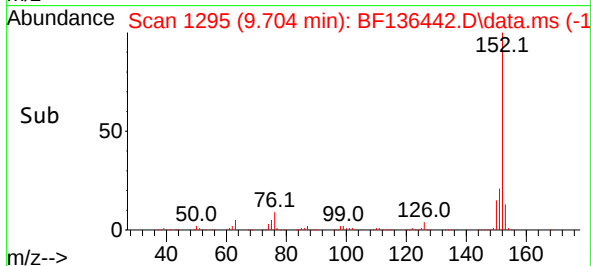
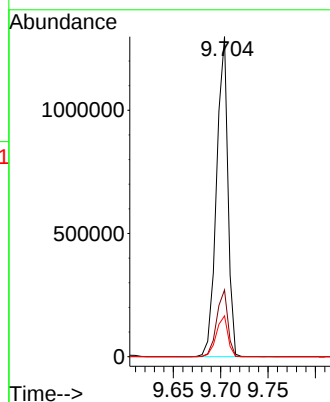
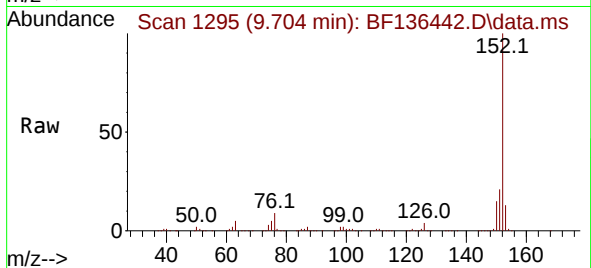
Tgt Ion:152 Resp: 1076917

Ion Ratio Lower Upper

152 100

151 20.9 17.2 25.8

153 12.8 10.6 15.8



#50

Dimethylphthalate

Concen: 40.768 ng

RT: 9.569 min Scan# 1272

Delta R.T. -0.000 min

Lab File: BF136442.D

Acq: 07 Dec 2023 12:18

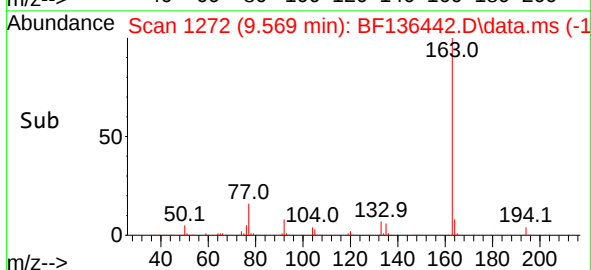
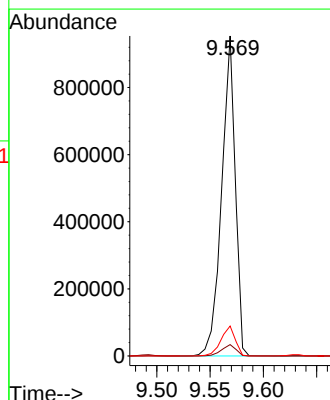
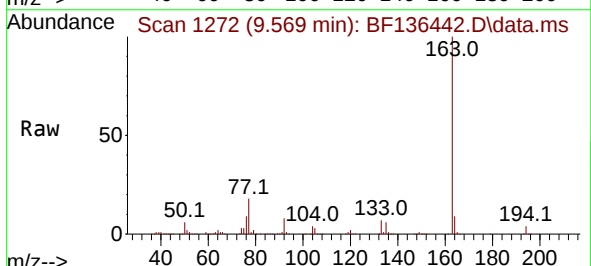
Tgt Ion:163 Resp: 845308

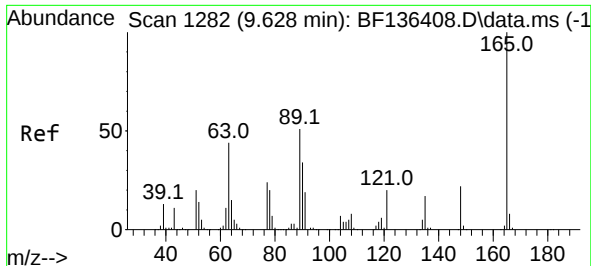
Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

164 9.4 7.4 11.2





#51

2,6-Dinitrotoluene

Concen: 38.990 ng

RT: 9.633 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF136442.D

Acq: 07 Dec 2023 12:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

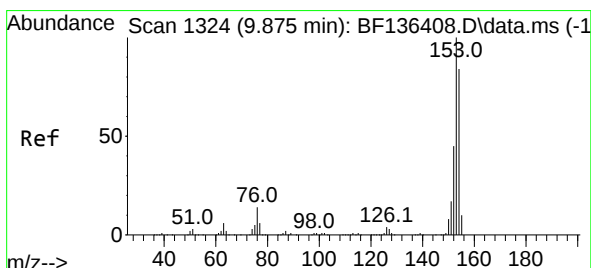
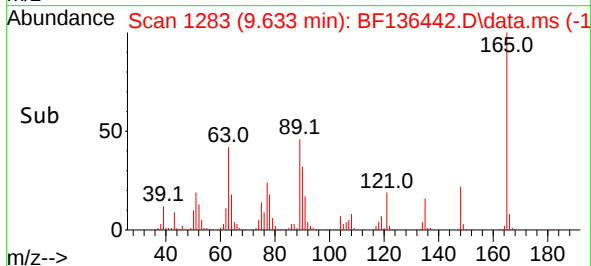
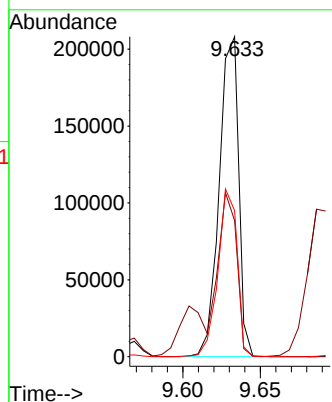
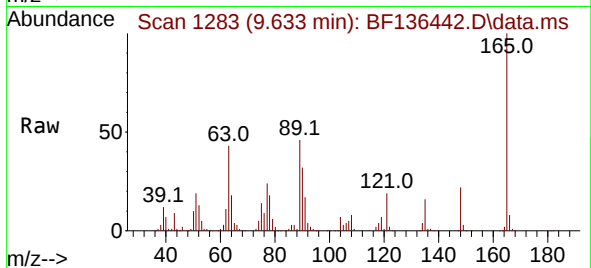
Tgt Ion:165 Resp: 181875

Ion Ratio Lower Upper

165 100

63 42.6 40.4 60.6

89 45.6 40.6 60.8



#52

Acenaphthene

Concen: 39.291 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.000 min

Lab File: BF136442.D

Acq: 07 Dec 2023 12:18

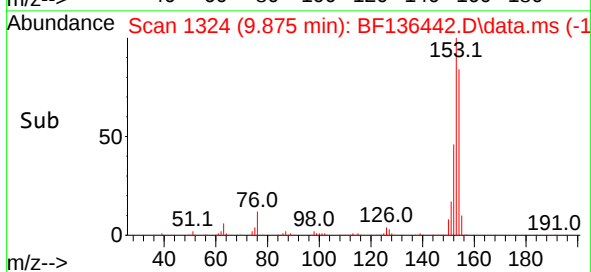
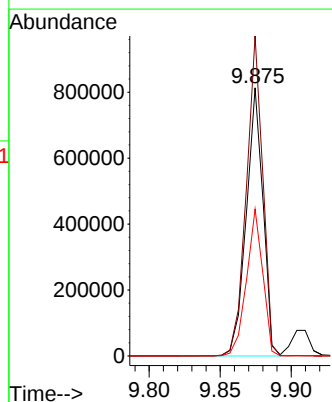
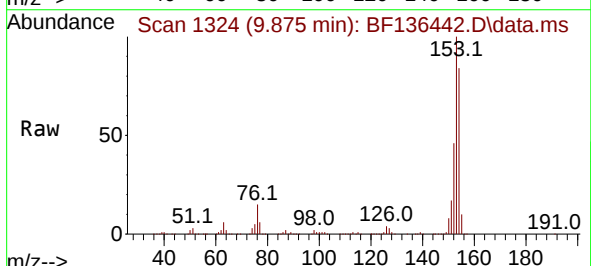
Tgt Ion:154 Resp: 668974

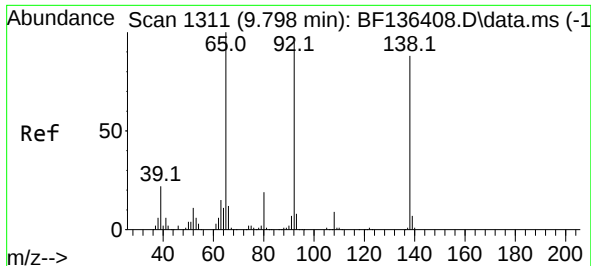
Ion Ratio Lower Upper

154 100

153 119.3 95.3 142.9

152 54.8 43.2 64.8

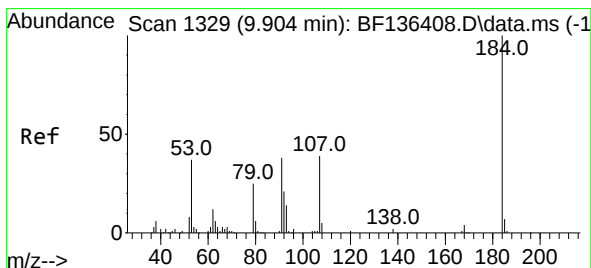
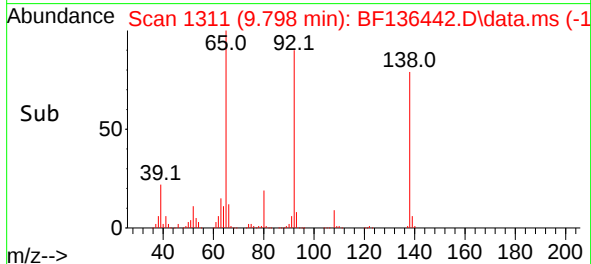
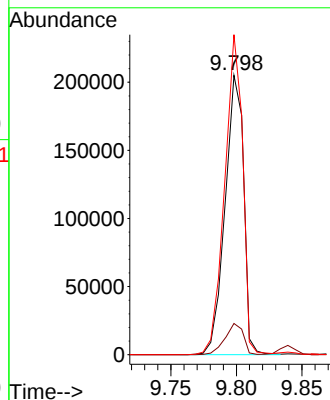
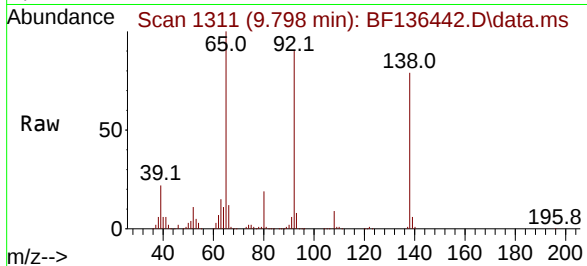




#53
3-Nitroaniline
Concen: 42.425 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136442.D
Acq: 07 Dec 2023 12:18

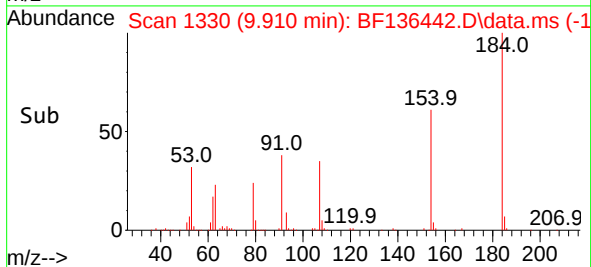
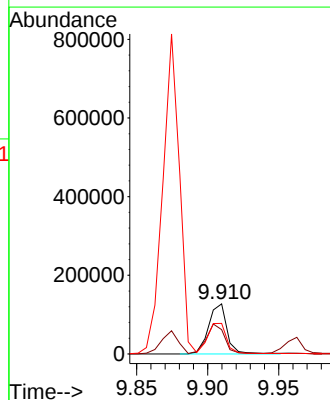
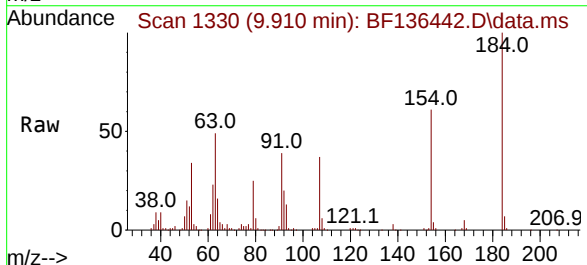
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

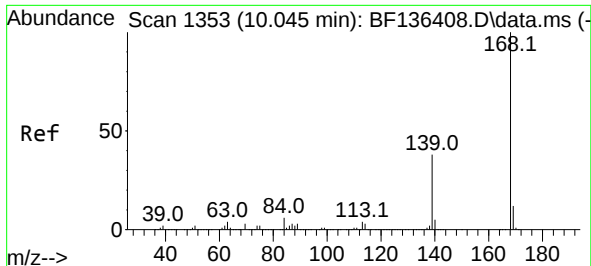
Tgt Ion:138 Resp: 202087
Ion Ratio Lower Upper
138 100
108 11.1 8.5 12.7
92 114.5 86.1 129.1



#54
2,4-Dinitrophenol
Concen: 48.981 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF136442.D
Acq: 07 Dec 2023 12:18

Tgt Ion:184 Resp: 115519
Ion Ratio Lower Upper
184 100
63 48.5 39.1 58.7
154 61.0 49.9 74.9

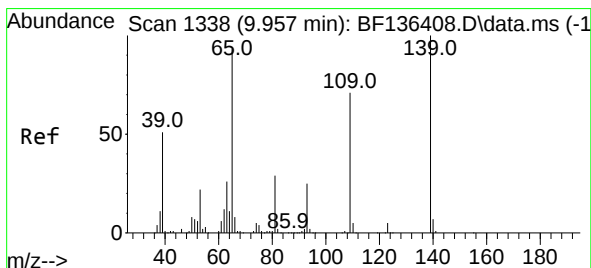
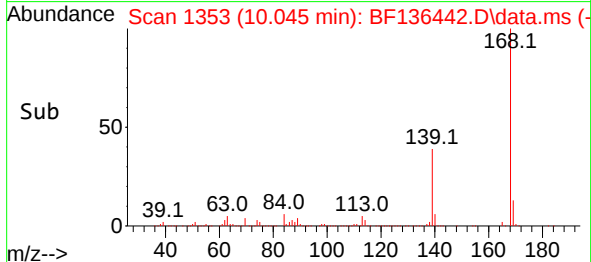
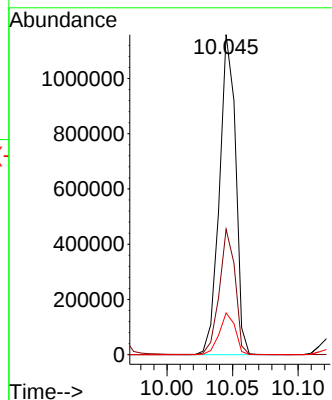
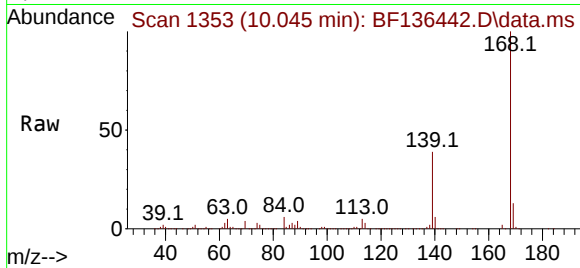




#55
Dibenzofuran
Concen: 39.926 ng
RT: 10.045 min Scan# 1353
Delta R.T. -0.000 min
Lab File: BF136442.D
Acq: 07 Dec 2023 12:18

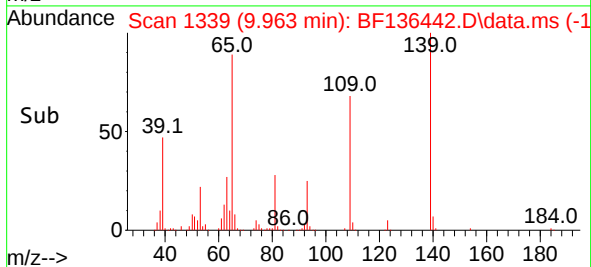
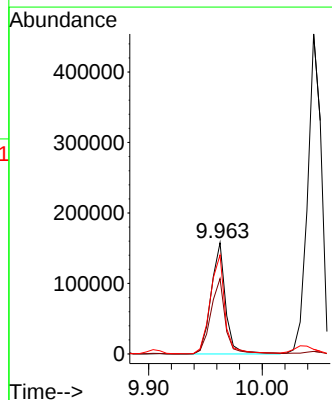
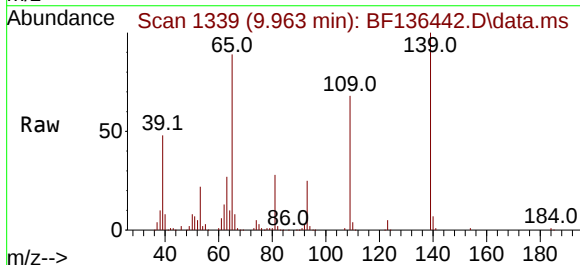
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

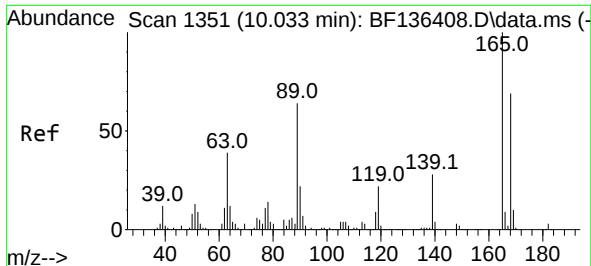
Tgt Ion:168 Resp: 993080
Ion Ratio Lower Upper
168 100
139 39.2 30.4 45.6
169 13.0 9.9 14.9



#56
4-Nitrophenol
Concen: 39.025 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF136442.D
Acq: 07 Dec 2023 12:18

Tgt Ion:139 Resp: 139353
Ion Ratio Lower Upper
139 100
109 67.8 50.6 90.6
65 89.2 73.1 113.1

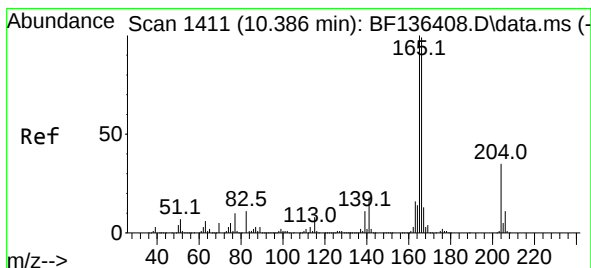
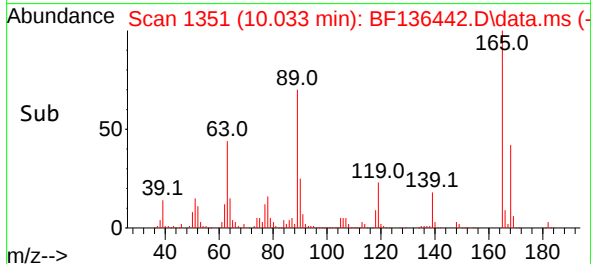
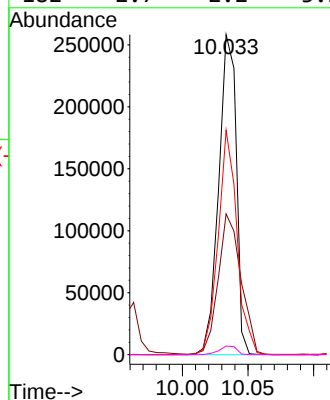
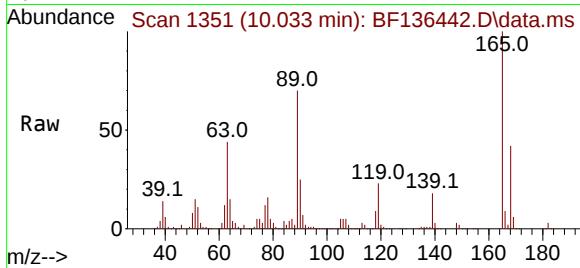




#57
2,4-Dinitrotoluene
Concen: 38.977 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136442.D
Acq: 07 Dec 2023 12:18

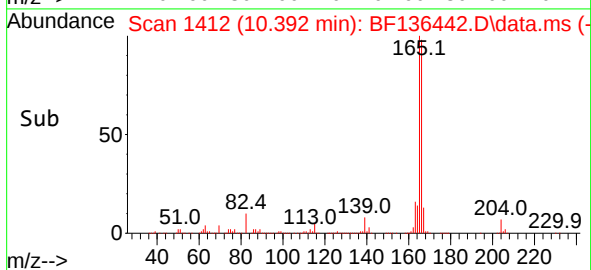
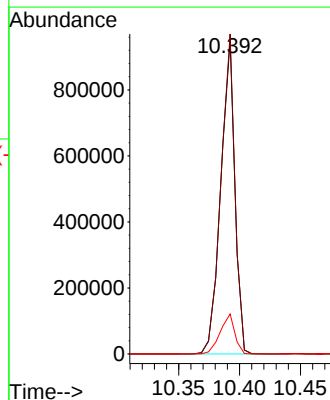
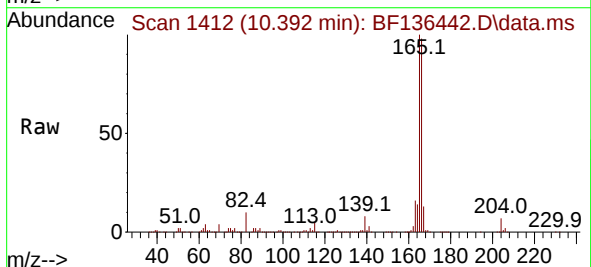
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

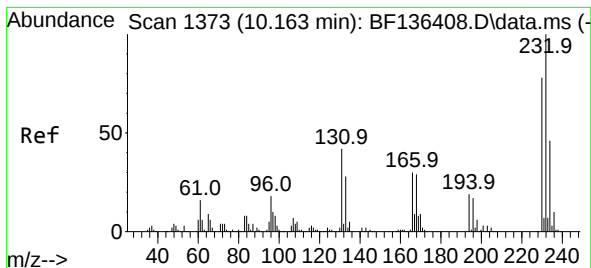
Tgt Ion:165 Resp: 240520
Ion Ratio Lower Upper
165 100
63 44.0 31.4 47.2
89 70.2 51.7 77.5
182 2.7 2.2 3.2



#58
Fluorene
Concen: 38.474 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF136442.D
Acq: 07 Dec 2023 12:18

Tgt Ion:166 Resp: 768185
Ion Ratio Lower Upper
166 100
165 102.0 80.5 120.7
167 12.8 10.5 15.7

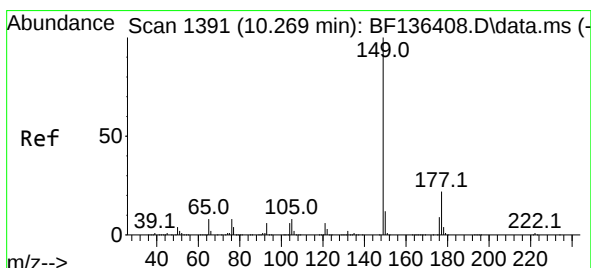
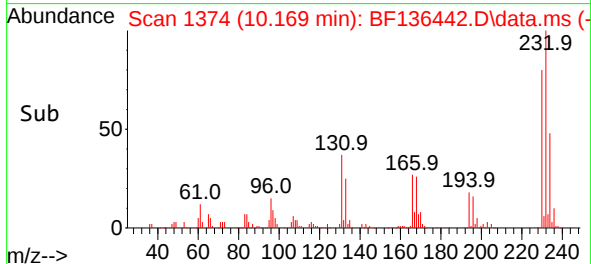
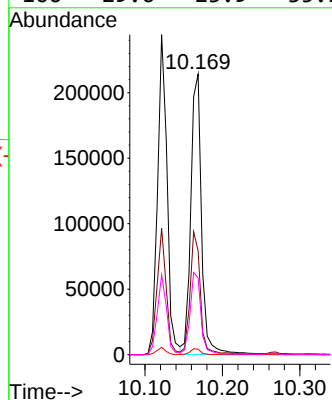
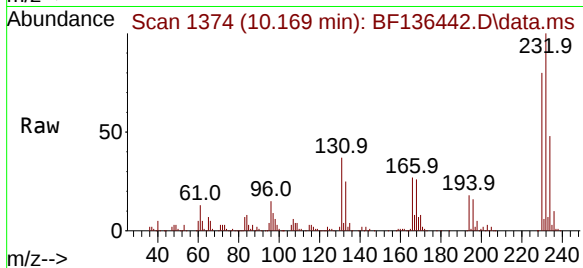




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.283 ng
RT: 10.169 min Scan# 1373
Delta R.T. 0.006 min
Lab File: BF136442.D
Acq: 07 Dec 2023 12:18

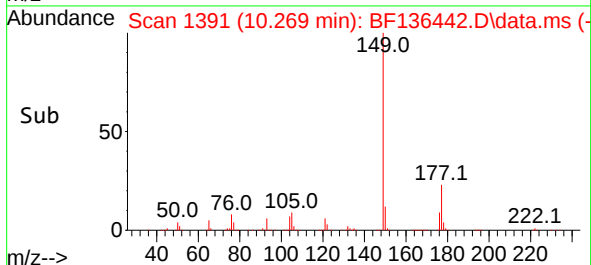
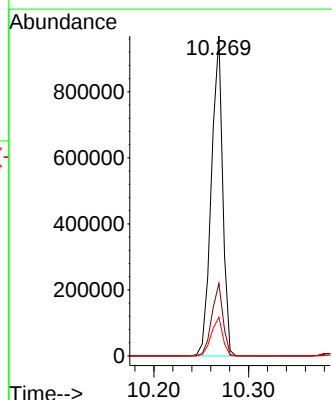
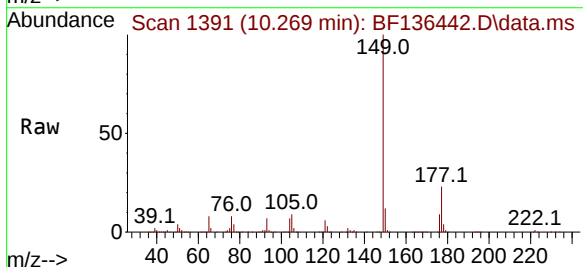
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

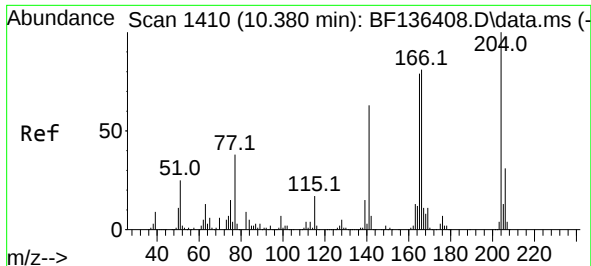
Tgt Ion:232 Resp: 205458
Ion Ratio Lower Upper
232 100
131 41.6 34.3 51.5
130 2.1 1.6 2.4
166 29.6 23.9 35.9



#60
Diethylphthalate
Concen: 39.249 ng
RT: 10.269 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BF136442.D
Acq: 07 Dec 2023 12:18

Tgt Ion:149 Resp: 800234
Ion Ratio Lower Upper
149 100
177 22.7 17.8 26.8
150 12.1 9.4 14.0

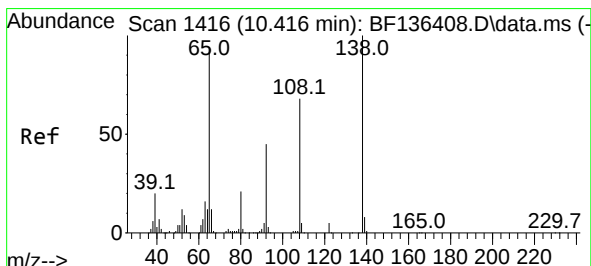
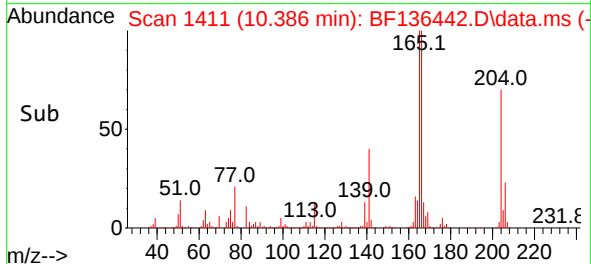
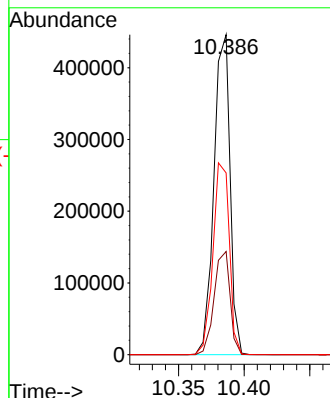
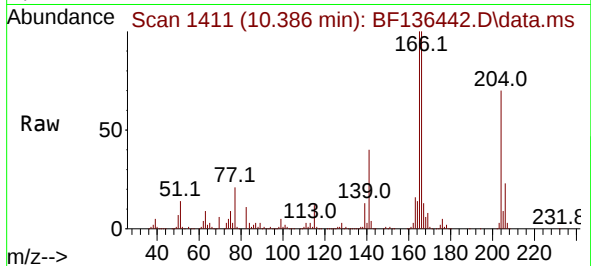




#61
4-Chlorophenyl-phenylether
Concen: 39.082 ng
RT: 10.386 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF136442.D
Acq: 07 Dec 2023 12:18

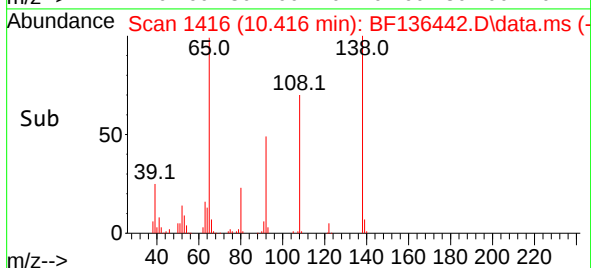
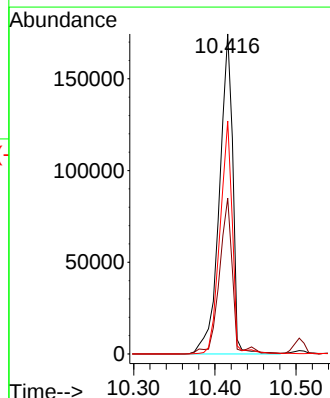
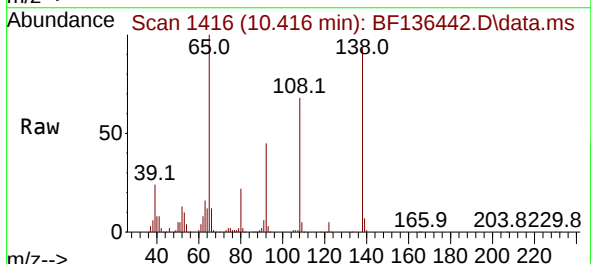
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

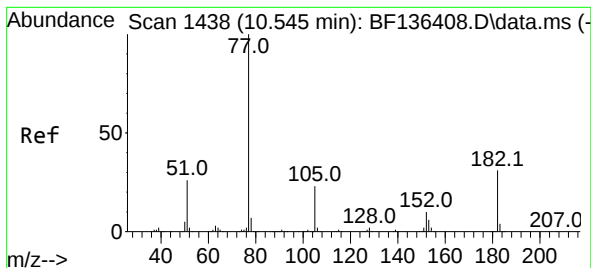
Tgt Ion:204 Resp: 380402
Ion Ratio Lower Upper
204 100
206 32.2 24.6 36.8
141 56.8 50.3 75.5



#62
4-Nitroaniline
Concen: 42.438 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF136442.D
Acq: 07 Dec 2023 12:18

Tgt Ion:138 Resp: 200724
Ion Ratio Lower Upper
138 100
92 48.7 25.0 65.0
108 72.8 47.9 87.9





#63

Azobenzene

Concen: 39.256 ng

RT: 10.545 min Scan# 1438

Delta R.T. -0.000 min

Lab File: BF136442.D

Acq: 07 Dec 2023 12:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 728526

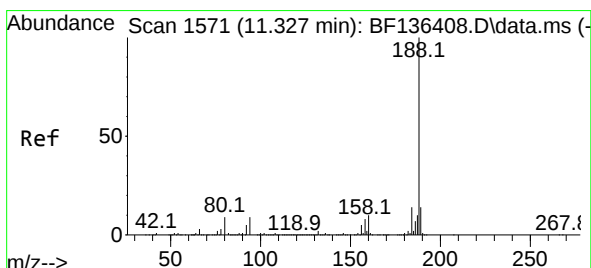
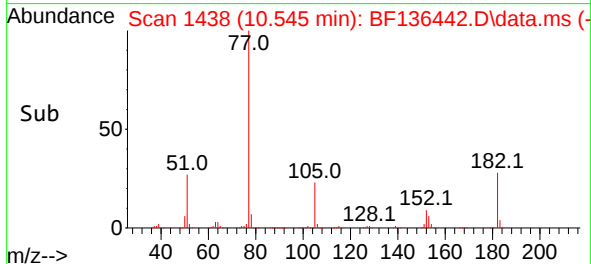
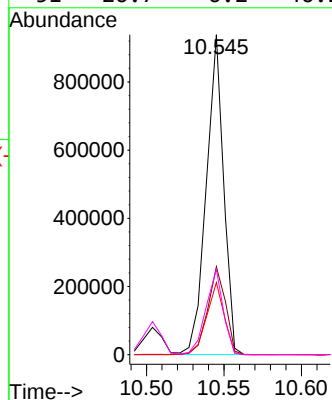
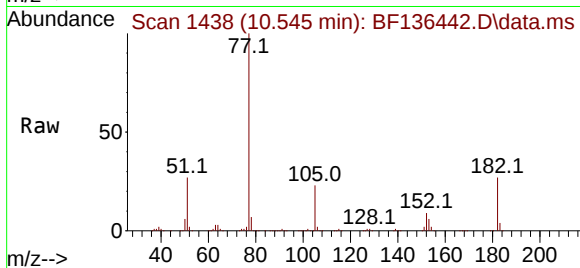
Ion Ratio Lower Upper

77 100

182 27.5 10.8 50.8

105 22.5 2.6 42.6

51 26.7 6.2 46.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1571

Delta R.T. -0.000 min

Lab File: BF136442.D

Acq: 07 Dec 2023 12:18

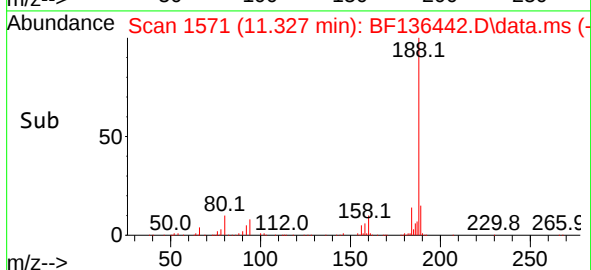
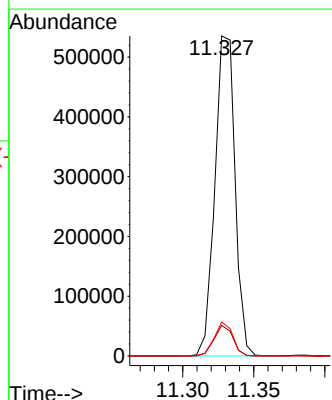
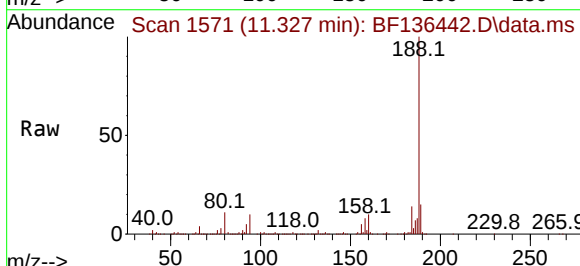
Tgt Ion: 188 Resp: 528524

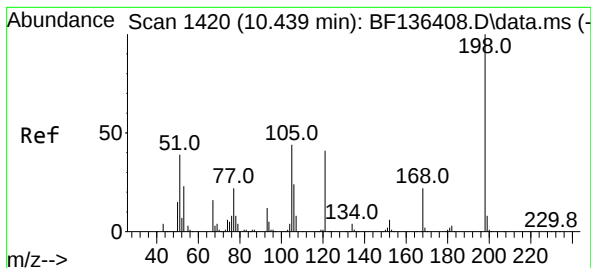
Ion Ratio Lower Upper

188 100

94 9.6 7.2 10.8

80 10.6 7.2 10.8

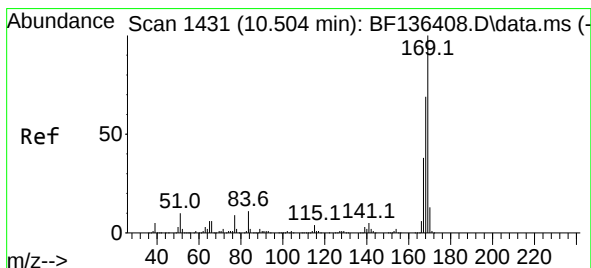
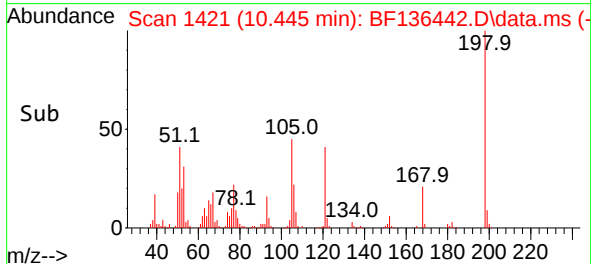
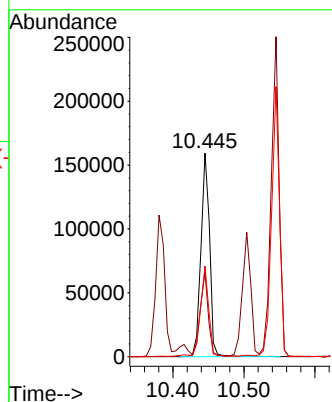
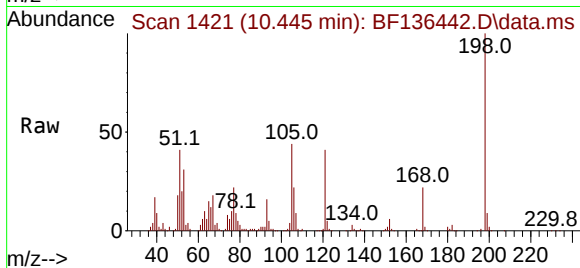




#65
4,6-Dinitro-2-methylphenol
Concen: 41.391 ng
RT: 10.445 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF136442.D
Acq: 07 Dec 2023 12:18

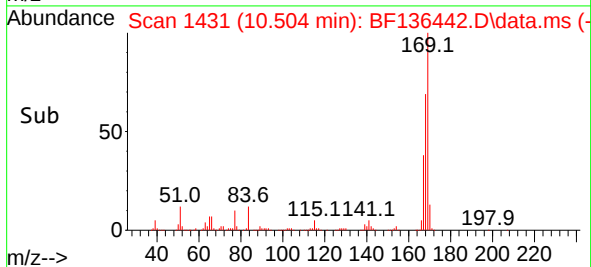
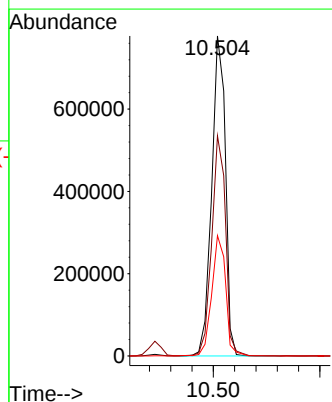
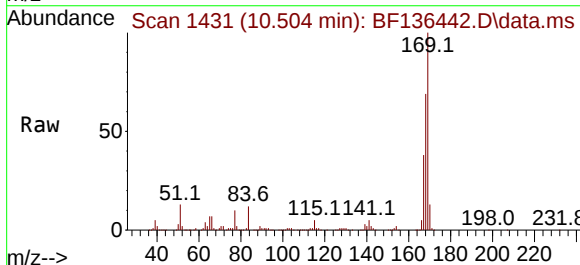
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

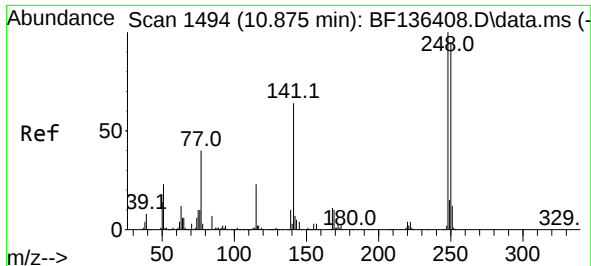
Tgt Ion:198 Resp: 135483
Ion Ratio Lower Upper
198 100
51 41.4 24.1 64.1
105 44.5 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 40.925 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF136442.D
Acq: 07 Dec 2023 12:18

Tgt Ion:169 Resp: 694059
Ion Ratio Lower Upper
169 100
168 68.8 55.3 82.9
167 37.6 30.1 45.1

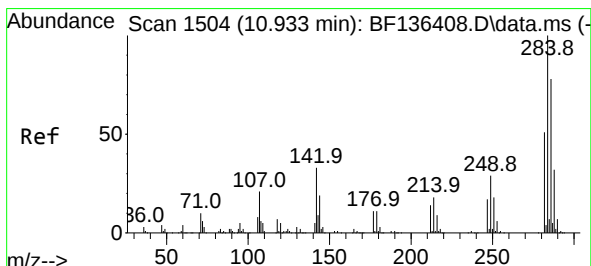
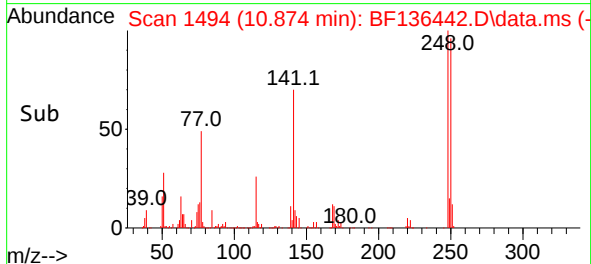
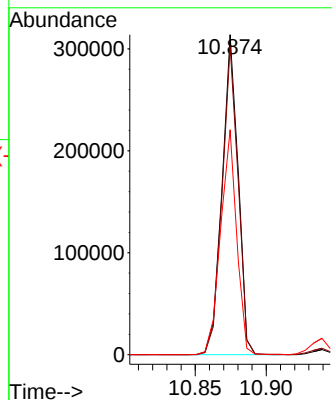
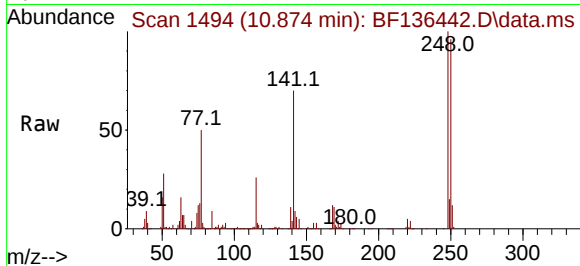




#67
4-Bromophenyl-phenylether
Concen: 40.073 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.000 min
Lab File: BF136442.D
Acq: 07 Dec 2023 12:18

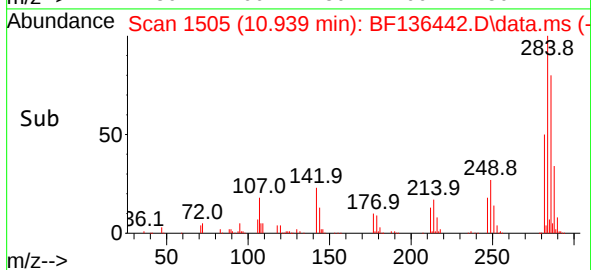
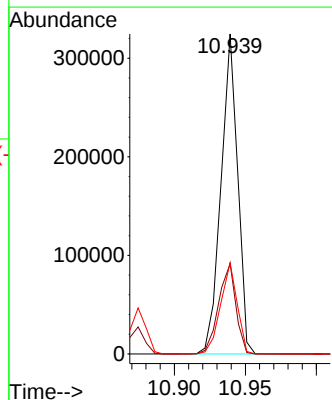
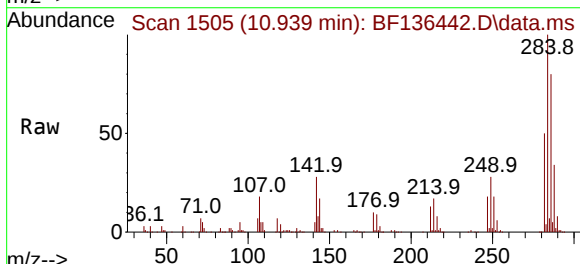
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

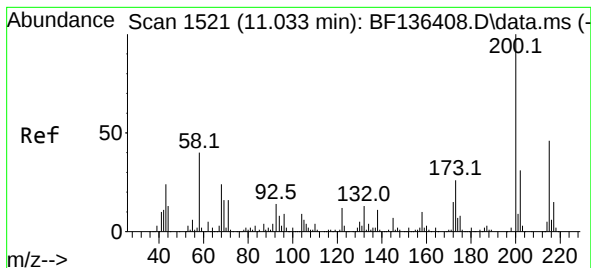
Tgt Ion:248 Resp: 246244
Ion Ratio Lower Upper
248 100
250 96.4 76.2 114.2
141 70.3 51.0 76.4



#68
Hexachlorobenzene
Concen: 37.232 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.006 min
Lab File: BF136442.D
Acq: 07 Dec 2023 12:18

Tgt Ion:284 Resp: 264425
Ion Ratio Lower Upper
284 100
142 28.2 26.5 39.7
249 28.5 23.4 35.0





#69

Atrazine

Concen: 33.131 ng

RT: 11.033 min Scan# 1521

Delta R.T. -0.000 min

Lab File: BF136442.D

Acq: 07 Dec 2023 12:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

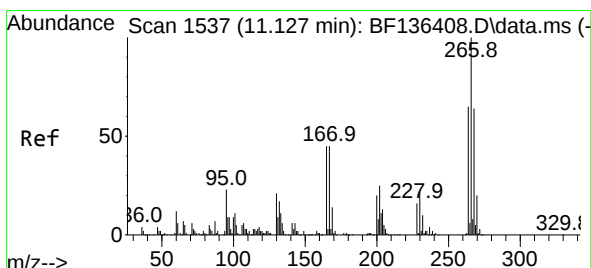
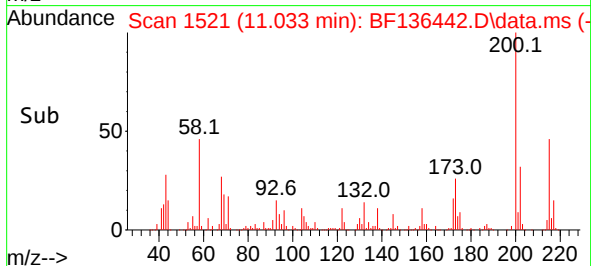
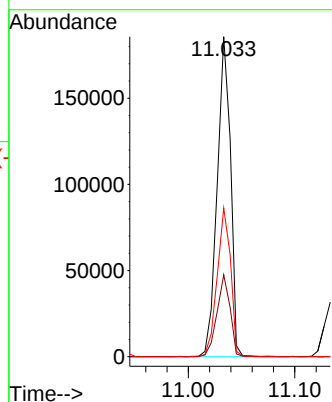
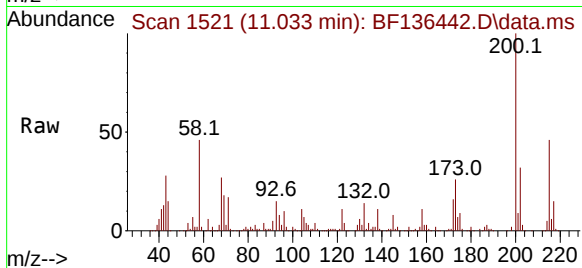
Tgt Ion:200 Resp: 160370

Ion Ratio Lower Upper

200 100

173 25.6 6.0 46.0

215 46.4 25.5 65.5



#70

Pentachlorophenol

Concen: 37.519 ng

RT: 11.133 min Scan# 1538

Delta R.T. 0.006 min

Lab File: BF136442.D

Acq: 07 Dec 2023 12:18

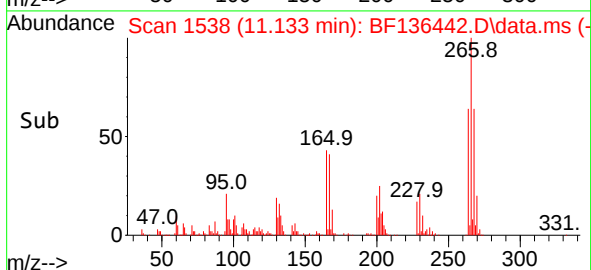
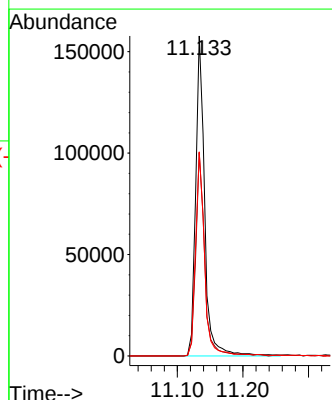
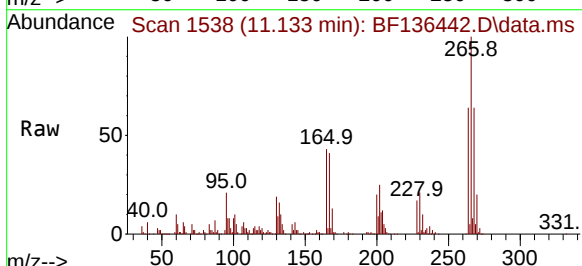
Tgt Ion:266 Resp: 150388

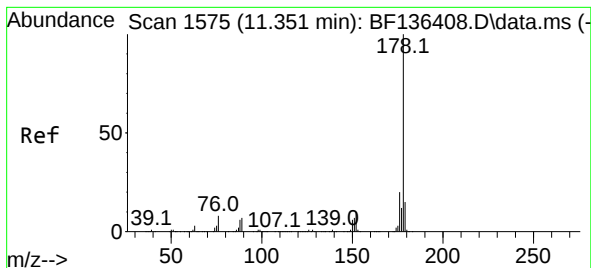
Ion Ratio Lower Upper

266 100

268 63.6 51.0 76.6

264 63.8 52.2 78.4





#71

Phenanthrene

Concen: 39.744 ng

RT: 11.357 min Scan# 1575

Delta R.T. 0.006 min

Lab File: BF136442.D

Acq: 07 Dec 2023 12:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

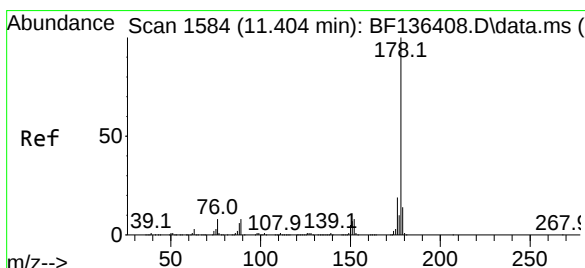
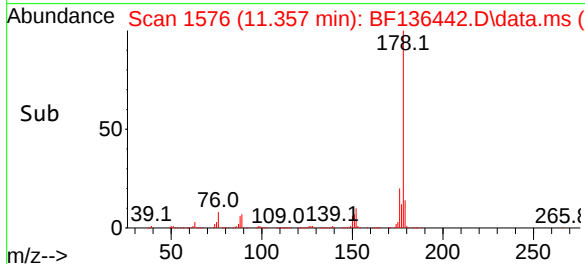
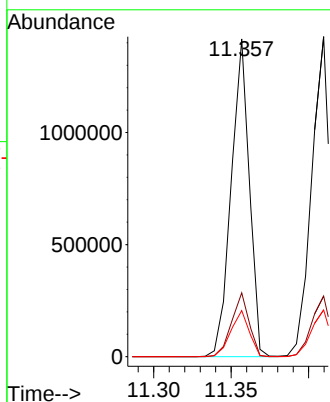
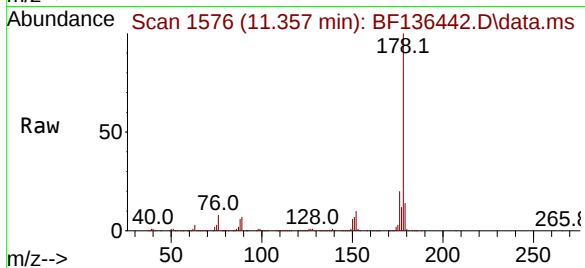
Tgt Ion:178 Resp: 1154566

Ion Ratio Lower Upper

178 100

176 20.1 15.9 23.9

179 14.5 11.8 17.6



#72

Anthracene

Concen: 40.826 ng

RT: 11.410 min Scan# 1585

Delta R.T. 0.006 min

Lab File: BF136442.D

Acq: 07 Dec 2023 12:18

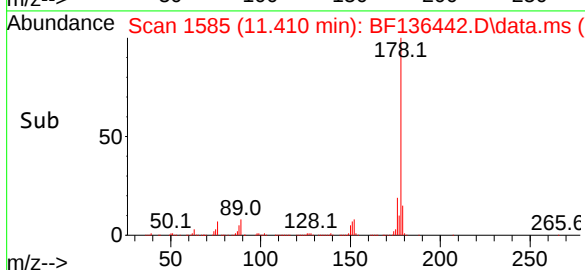
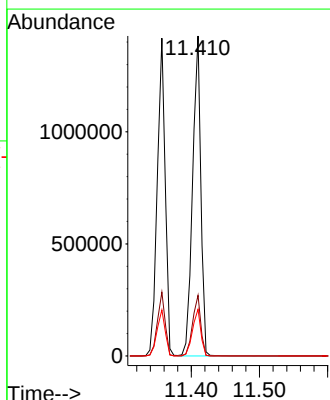
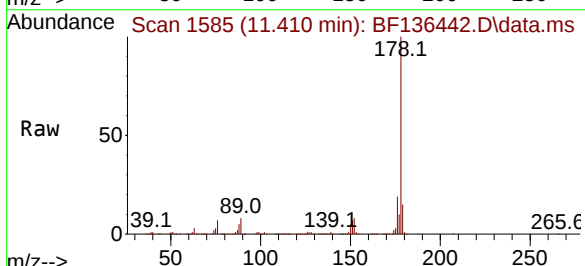
Tgt Ion:178 Resp: 1194568

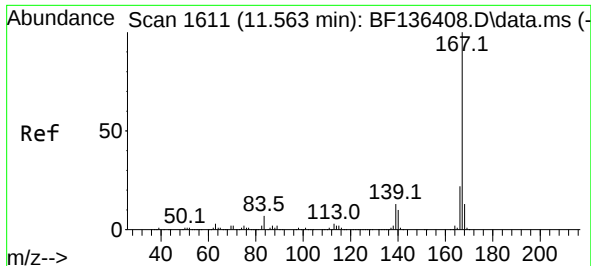
Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

179 14.6 11.4 17.0

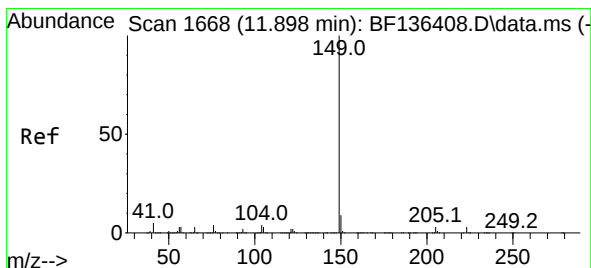
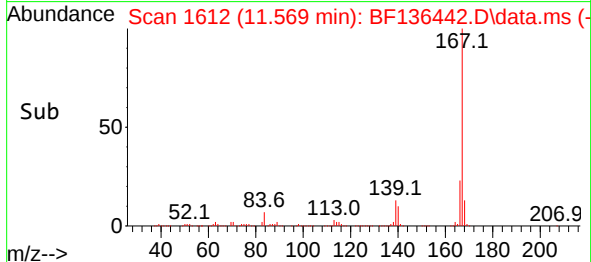
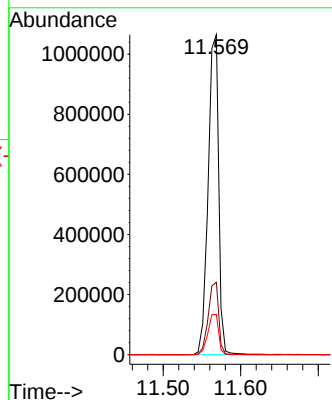
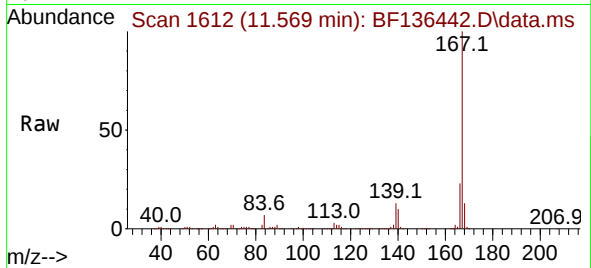




#73
 Carbazole
 Concen: 38.846 ng
 RT: 11.569 min Scan# 1611
 Delta R.T. 0.006 min
 Lab File: BF136442.D
 Acq: 07 Dec 2023 12:18

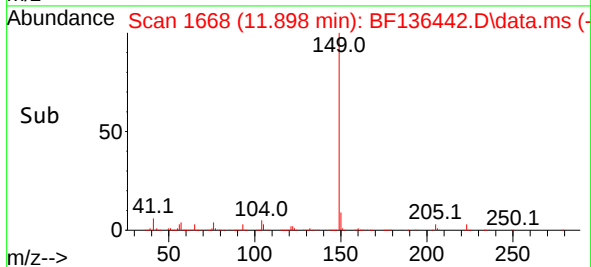
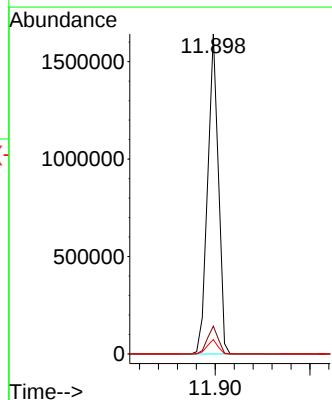
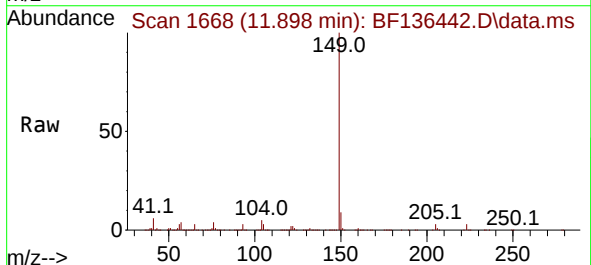
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

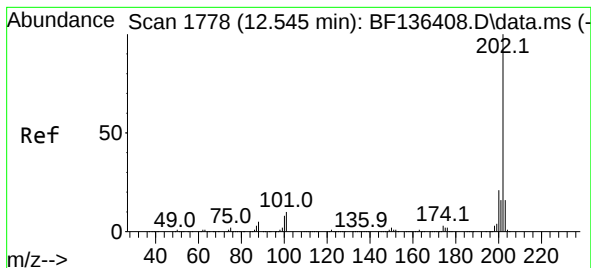
Tgt Ion:167 Resp: 1005996
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.0 27.0
 139 12.6 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 40.563 ng
 RT: 11.898 min Scan# 1668
 Delta R.T. -0.000 min
 Lab File: BF136442.D
 Acq: 07 Dec 2023 12:18

Tgt Ion:149 Resp: 1287768
 Ion Ratio Lower Upper
 149 100
 150 8.7 6.9 10.3
 104 4.5 3.5 5.3





#75

Fluoranthene

Concen: 38.188 ng

RT: 12.551 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF136442.D

Acq: 07 Dec 2023 12:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

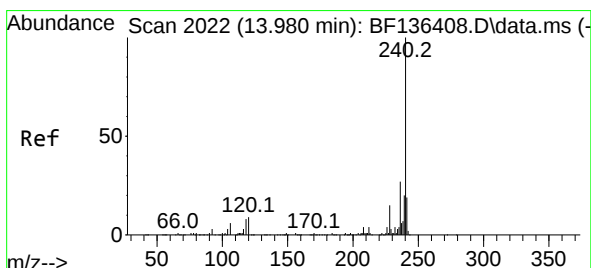
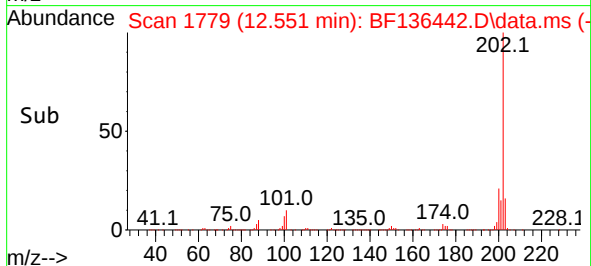
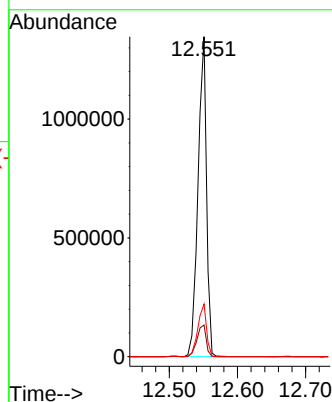
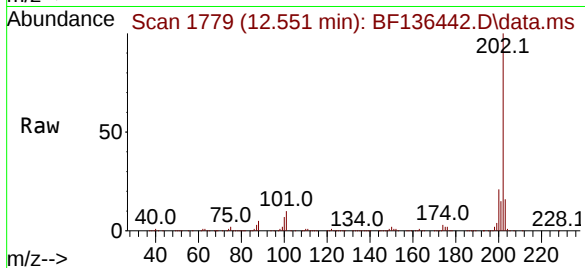
Tgt Ion:202 Resp: 1162556

Ion Ratio Lower Upper

202 100

101 9.9 0.0 29.9

203 16.5 0.0 36.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2023

Delta R.T. 0.006 min

Lab File: BF136442.D

Acq: 07 Dec 2023 12:18

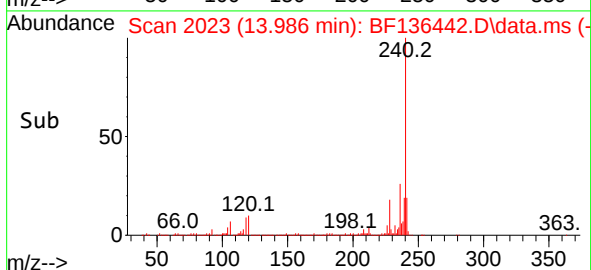
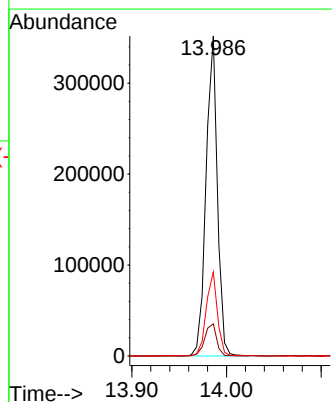
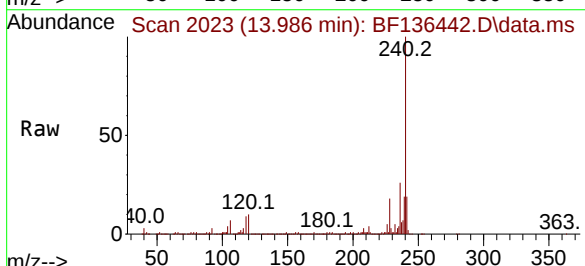
Tgt Ion:240 Resp: 291328

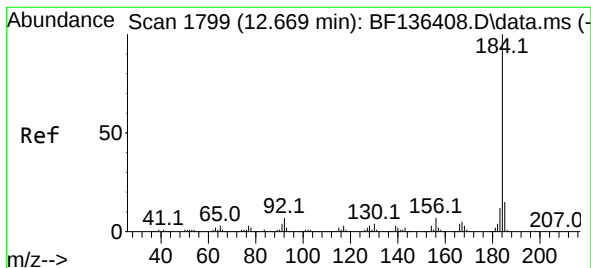
Ion Ratio Lower Upper

240 100

120 10.0 7.3 10.9

236 26.2 21.3 31.9





#77

Benzidine

Concen: 37.382 ng

RT: 12.668 min Scan# 11

Delta R.T. -0.001 min

Lab File: BF136442.D

Acq: 07 Dec 2023 12:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

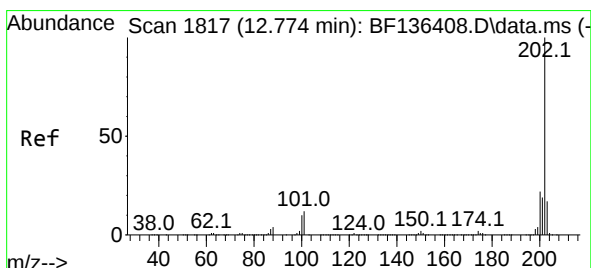
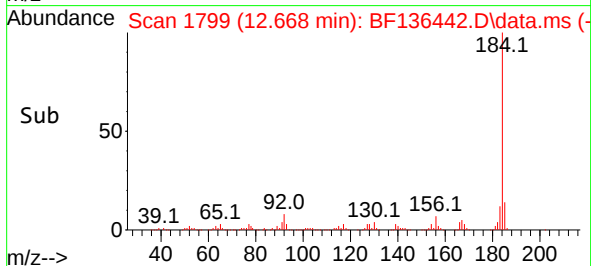
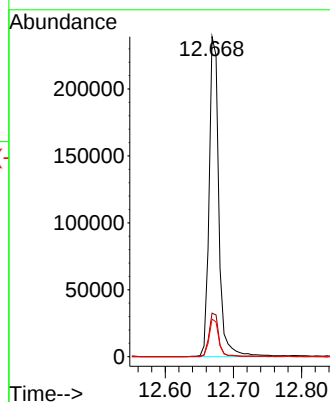
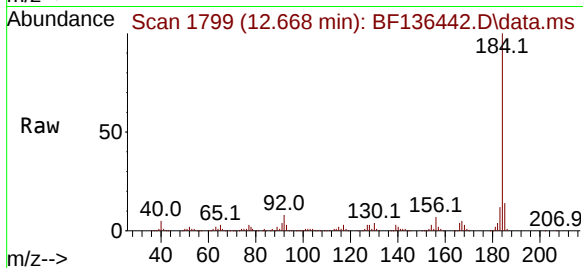
Tgt Ion:184 Resp: 237324

Ion Ratio Lower Upper

184 100

185 13.6 12.0 18.0

183 11.7 9.4 14.0



#78

Pyrene

Concen: 40.771 ng

RT: 12.780 min Scan# 1818

Delta R.T. 0.006 min

Lab File: BF136442.D

Acq: 07 Dec 2023 12:18

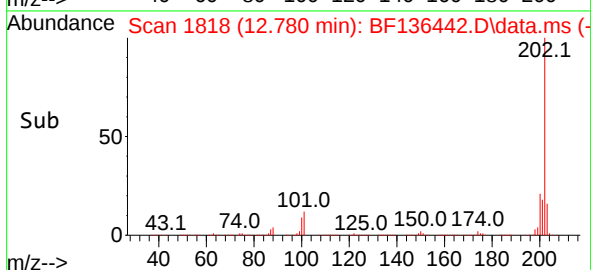
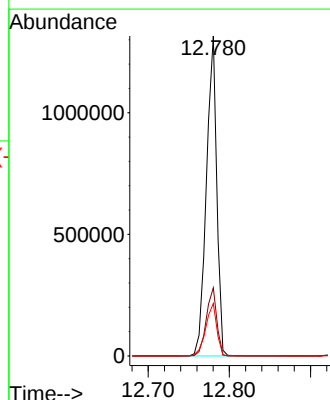
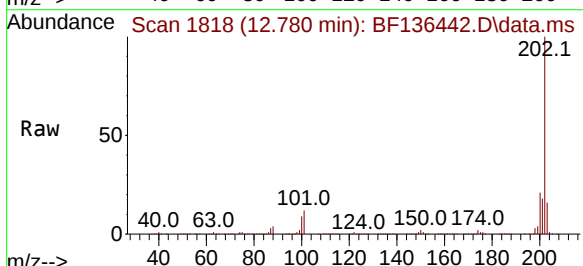
Tgt Ion:202 Resp: 1163268

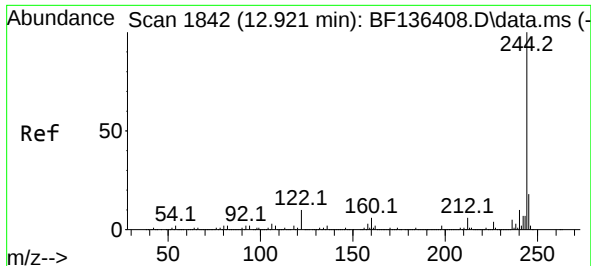
Ion Ratio Lower Upper

202 100

200 21.3 18.0 27.0

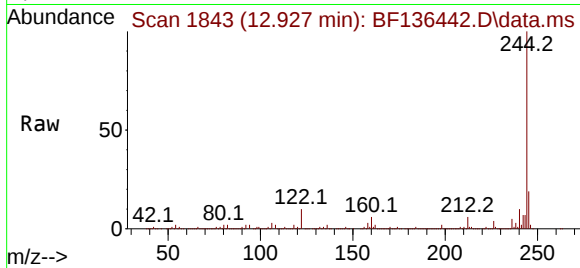
203 16.4 13.5 20.3





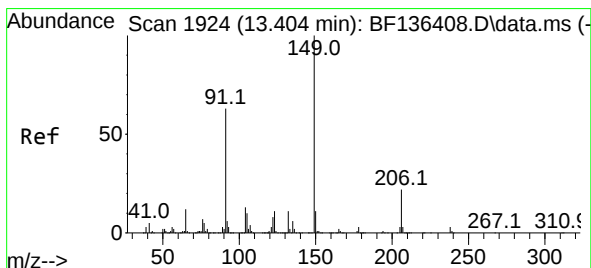
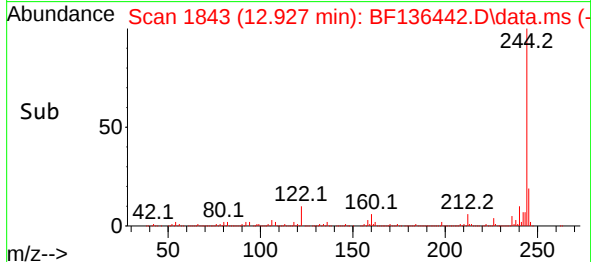
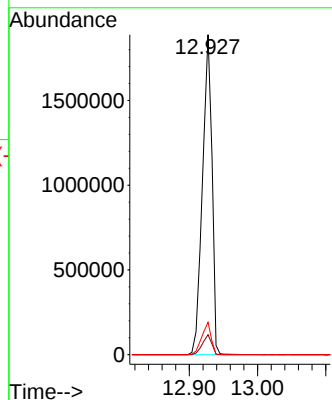
#79
 Terphenyl-d14
 Concen: 82.949 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF136442.D
 Acq: 07 Dec 2023 12:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



Tgt Ion:244 Resp: 1833428

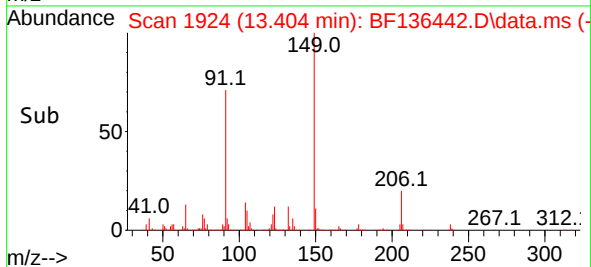
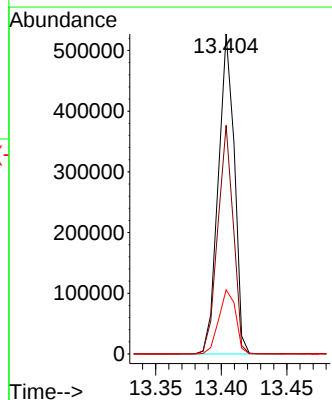
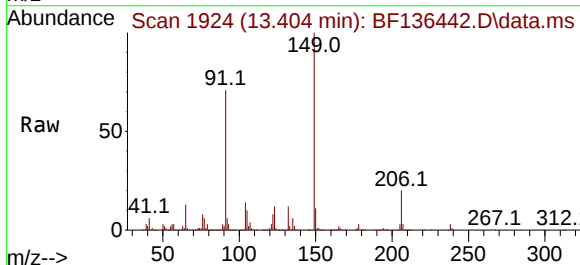
Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.0	7.4
122	10.1	8.3	12.5

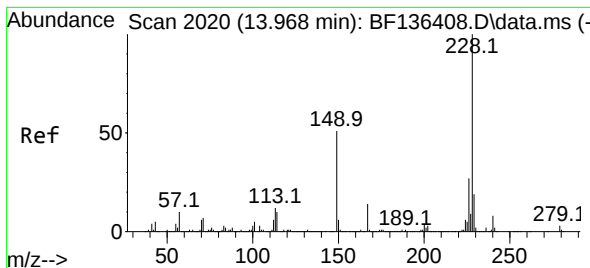


#80
 Butylbenzylphthalate
 Concen: 44.184 ng
 RT: 13.404 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: BF136442.D
 Acq: 07 Dec 2023 12:18

Tgt Ion:149 Resp: 448766

Ion	Ratio	Lower	Upper
149	100		
91	71.4	50.5	75.7
206	20.1	17.4	26.2





#81

Benzo(a)anthracene

Concen: 40.422 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF136442.D

Acq: 07 Dec 2023 12:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

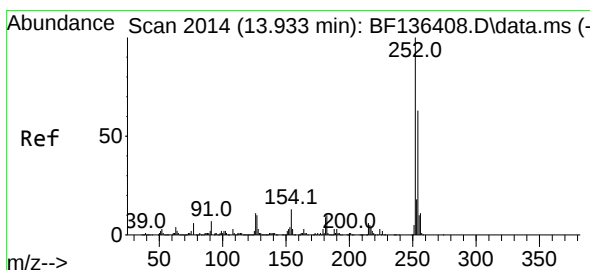
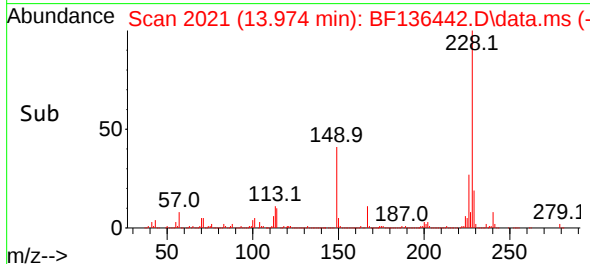
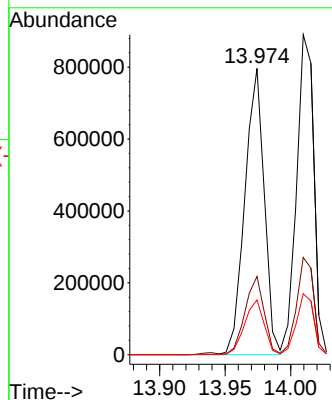
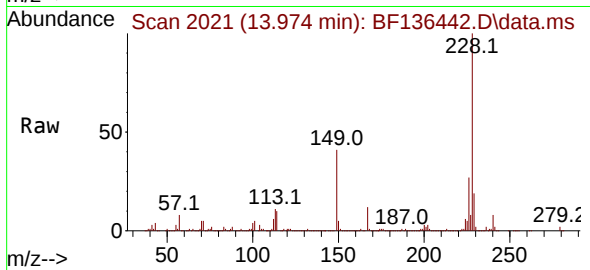
Tgt Ion:228 Resp: 820278

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 19.1 15.0 22.4



#82

3,3'-Dichlorobenzidine

Concen: 48.017 ng

RT: 13.939 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF136442.D

Acq: 07 Dec 2023 12:18

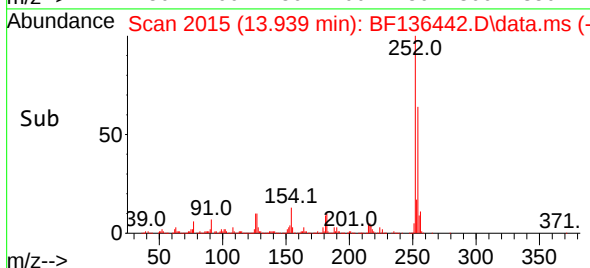
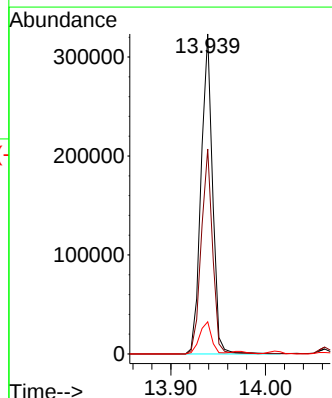
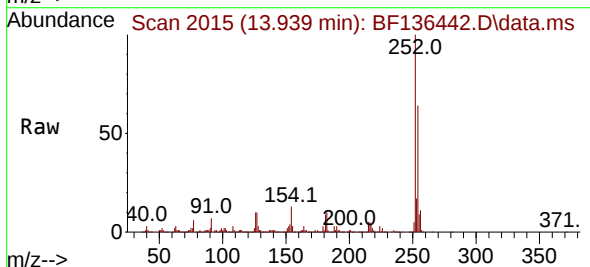
Tgt Ion:252 Resp: 273203

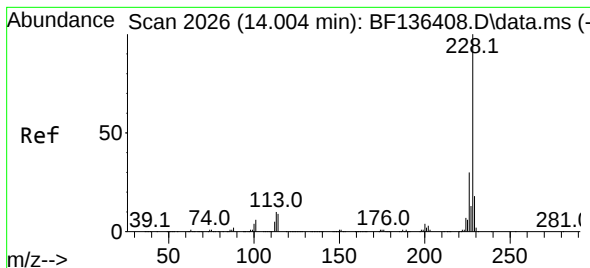
Ion Ratio Lower Upper

252 100

254 64.1 50.8 76.2

126 10.1 8.6 12.8





#83

Chrysene

Concen: 41.022 ng

RT: 14.010 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF136442.D

Acq: 07 Dec 2023 12:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

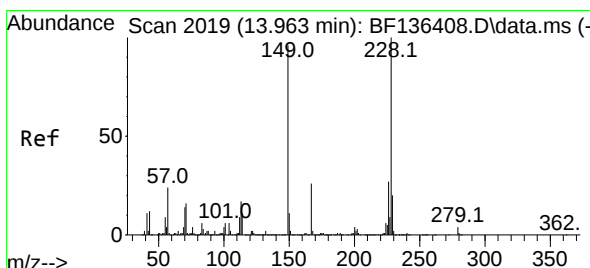
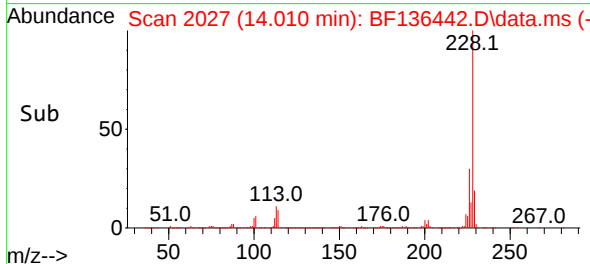
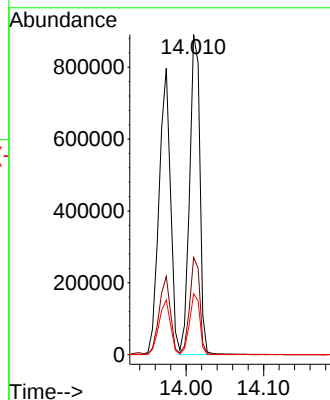
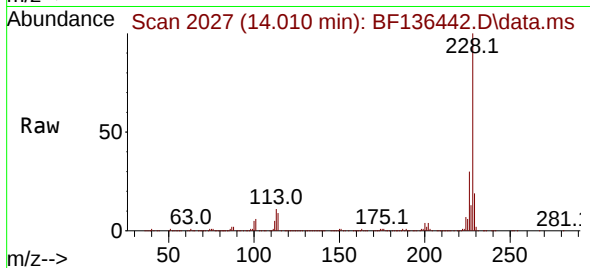
Tgt Ion:228 Resp: 819026

Ion Ratio Lower Upper

228 100

226 30.4 23.8 35.6

229 19.1 14.8 22.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.844 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.006 min

Lab File: BF136442.D

Acq: 07 Dec 2023 12:18

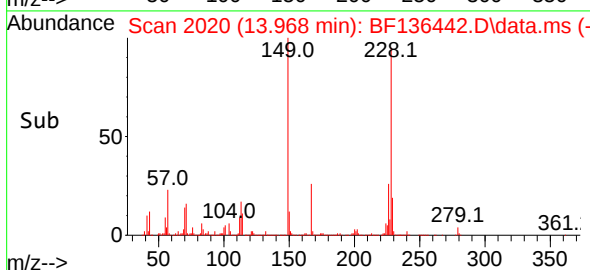
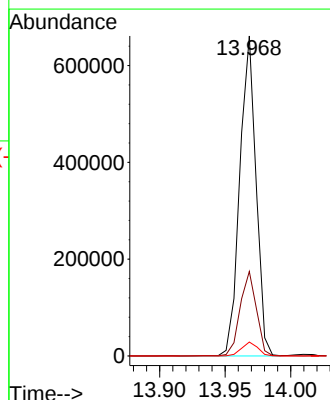
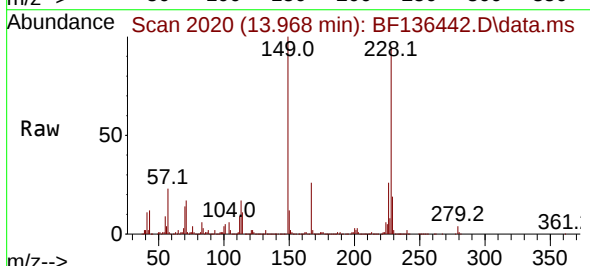
Tgt Ion:149 Resp: 570809

Ion Ratio Lower Upper

149 100

167 26.4 21.2 31.8

279 4.4 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 46.099 ng

RT: 14.586 min Scan# 2124

Delta R.T. 0.006 min

Lab File: BF136442.D

Acq: 07 Dec 2023 12:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

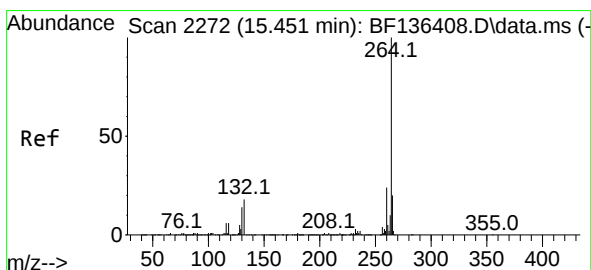
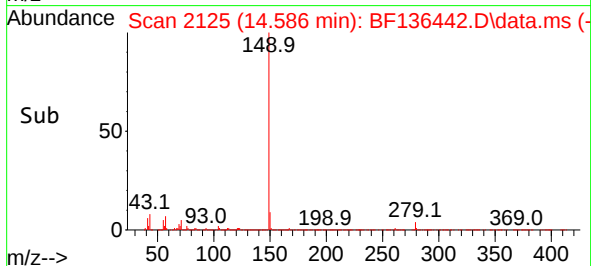
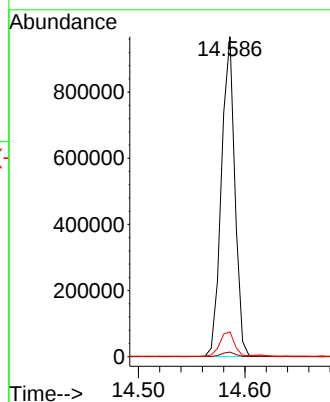
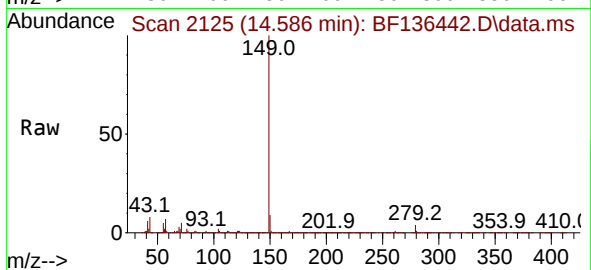
Tgt Ion:149 Resp: 847844

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 8.2 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2274

Delta R.T. 0.012 min

Lab File: BF136442.D

Acq: 07 Dec 2023 12:18

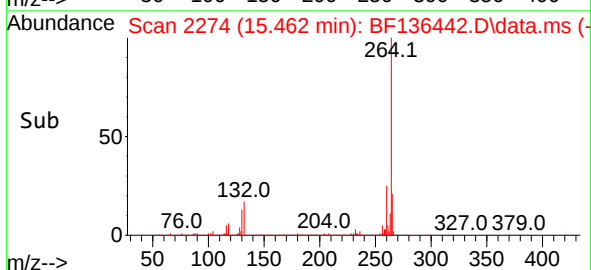
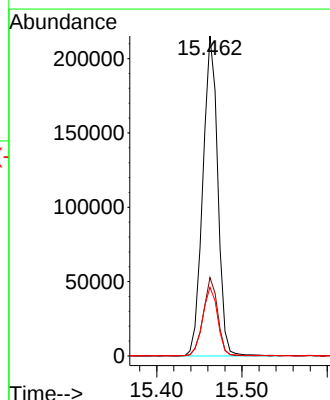
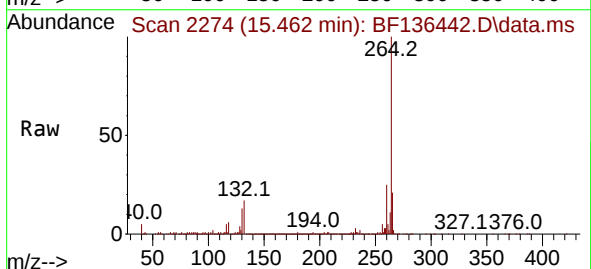
Tgt Ion:264 Resp: 262076

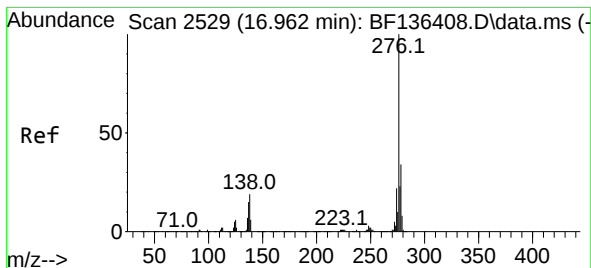
Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.4 15.9 23.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.670 ng

RT: 16.980 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF136442.D

Acq: 07 Dec 2023 12:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

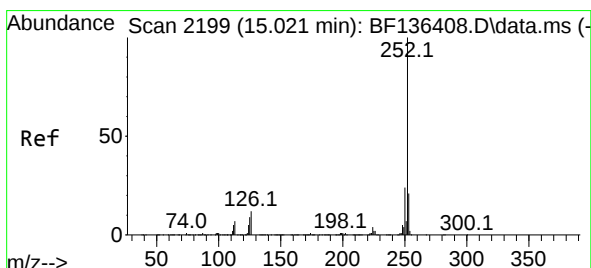
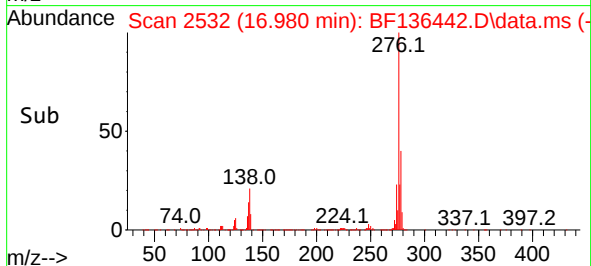
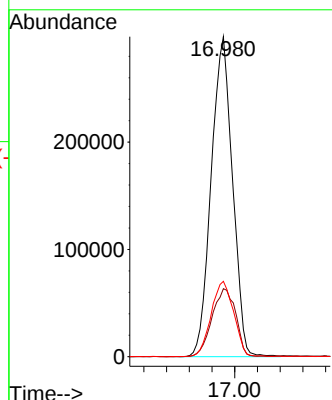
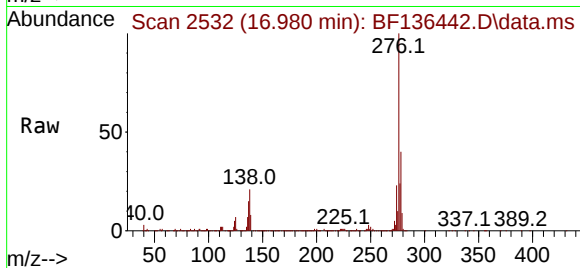
Tgt Ion:276 Resp: 776890

Ion Ratio Lower Upper

276 100

138 23.7 19.0 28.4

277 25.0 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 37.022 ng

RT: 15.027 min Scan# 2200

Delta R.T. 0.006 min

Lab File: BF136442.D

Acq: 07 Dec 2023 12:18

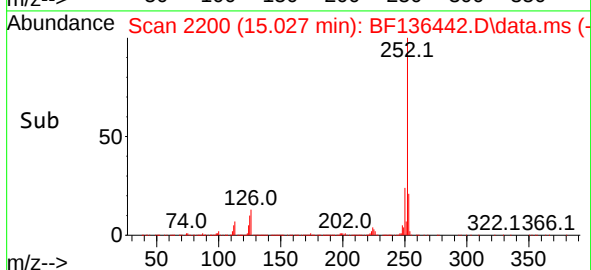
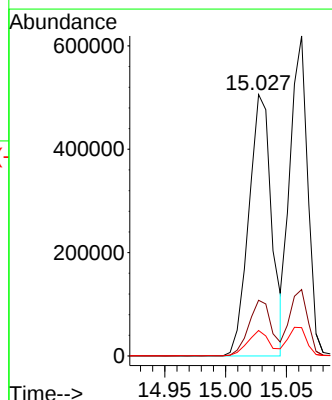
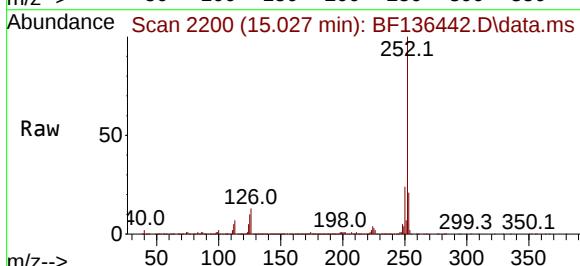
Tgt Ion:252 Resp: 663389

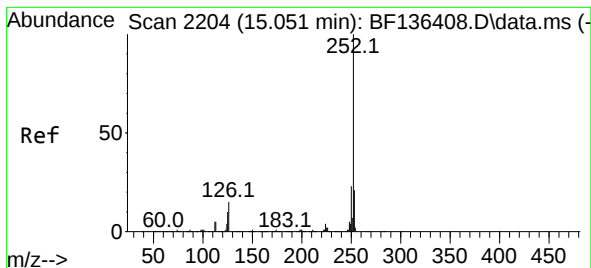
Ion Ratio Lower Upper

252 100

253 21.3 16.9 25.3

125 9.8 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 37.177 ng

RT: 15.062 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF136442.D

Acq: 07 Dec 2023 12:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

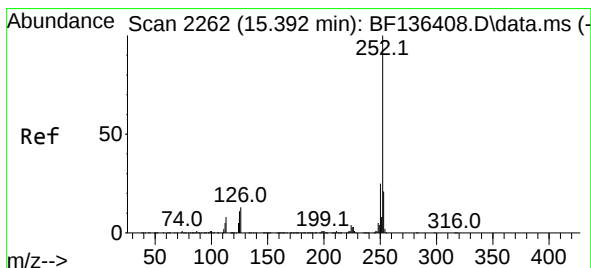
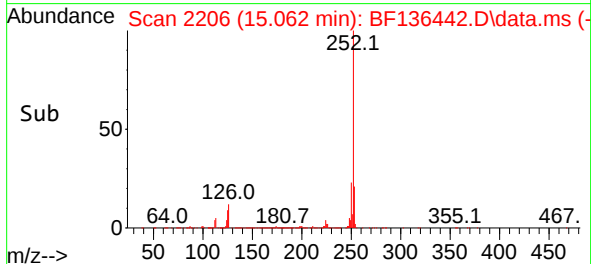
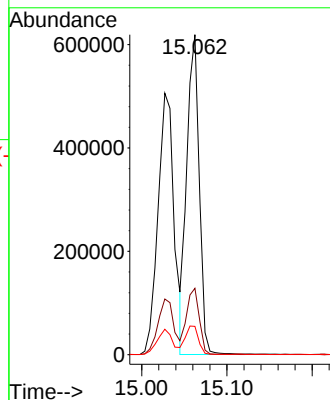
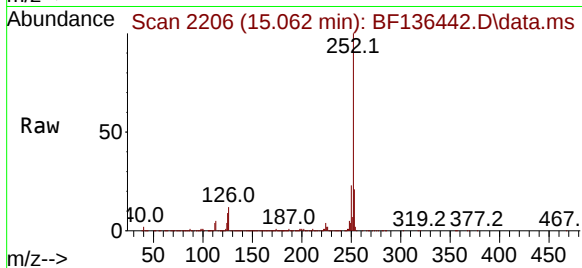
Tgt Ion:252 Resp: 627797

Ion Ratio Lower Upper

252 100

253 20.8 16.9 25.3

125 8.9 7.5 11.3



#90

Benzo(a)pyrene

Concen: 41.570 ng

RT: 15.404 min Scan# 2264

Delta R.T. 0.012 min

Lab File: BF136442.D

Acq: 07 Dec 2023 12:18

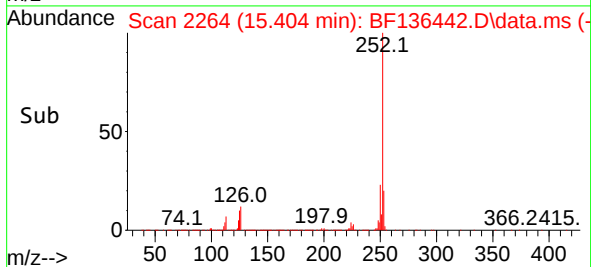
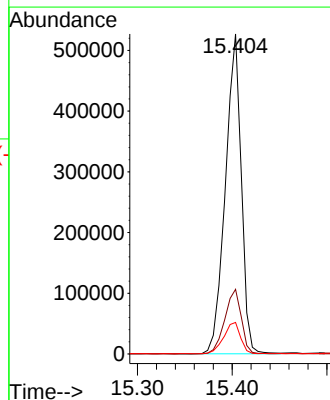
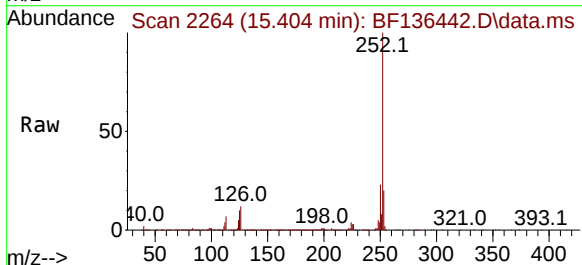
Tgt Ion:252 Resp: 615163

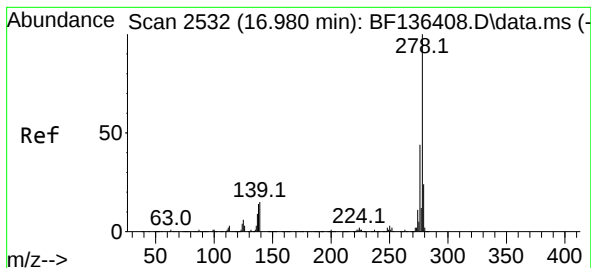
Ion Ratio Lower Upper

252 100

253 20.2 17.0 25.4

125 9.9 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 43.092 ng

RT: 16.998 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF136442.D

Acq: 07 Dec 2023 12:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

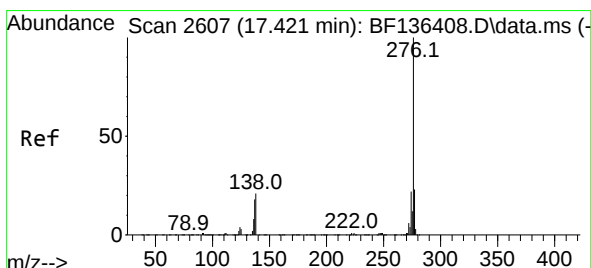
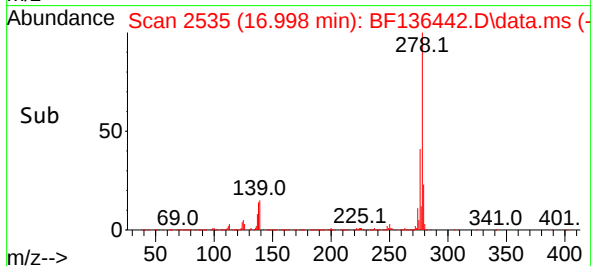
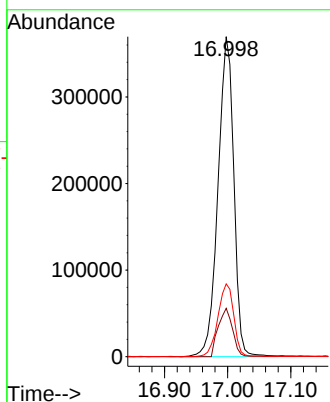
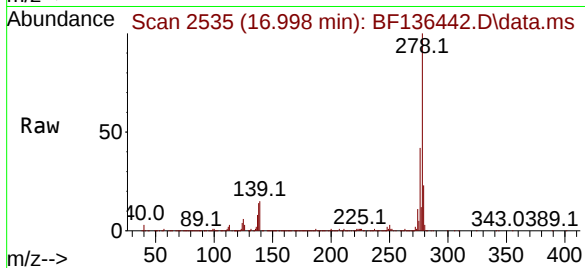
Tgt Ion:278 Resp: 642750

Ion Ratio Lower Upper

278 100

139 15.1 12.2 18.4

279 22.8 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 42.195 ng

RT: 17.439 min Scan# 2610

Delta R.T. 0.018 min

Lab File: BF136442.D

Acq: 07 Dec 2023 12:18

Tgt Ion:276 Resp: 645991

Ion Ratio Lower Upper

276 100

277 23.8 18.7 28.1

138 20.6 16.6 25.0

