

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122023\
 Data File : BF136645.D
 Acq On : 20 Dec 2023 12:30
 Operator : CG\JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Dec 20 17:12:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 17:02:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	71564	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	278971	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	149666	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	284111	20.000	ng	0.00
76) Chrysene-d12	13.968	240	155152	20.000	ng	0.00
86) Perylene-d12	15.445	264	135880	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	369490	80.559	ng	0.00
7) Phenol-d6	6.439	99	477662	80.372	ng	0.00
23) Nitrobenzene-d5	7.357	82	450539	82.641	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	143612	81.475	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	882714	79.326	ng	0.00
79) Terphenyl-d14	12.915	244	922427	83.084	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.546	88	74400	38.931	ng	100
3) Pyridine	3.304	79	188517	40.430	ng	100
4) n-Nitrosodimethylamine	3.275	42	102283	41.078	ng	100
6) Aniline	6.463	93	240362	40.452	ng	100
8) 2-Chlorophenol	6.581	128	202892	40.423	ng	100
9) Benzaldehyde	6.351	77	133601	39.522	ng	100
10) Phenol	6.451	94	253406	39.942	ng	100
11) bis(2-Chloroethyl)ether	6.534	93	195535	40.527	ng	100
12) 1,3-Dichlorobenzene	6.734	146	221015	40.364	ng	100
13) 1,4-Dichlorobenzene	6.810	146	224880	40.195	ng	100
14) 1,2-Dichlorobenzene	6.963	146	208913	40.129	ng	100
15) Benzyl Alcohol	6.939	79	163888	40.875	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.069	45	320140	40.585	ng	100
17) 2-Methylphenol	7.051	107	165761	39.864	ng	100
18) Hexachloroethane	7.298	117	81342	40.034	ng	100
19) n-Nitroso-di-n-propyla...	7.210	70	143294	39.774	ng	100
20) 3+4-Methylphenols	7.204	107	207470	39.938	ng	100
22) Acetophenone	7.204	105	284301	40.659	ng	100
24) Nitrobenzene	7.375	77	227921	41.735	ng	100
25) Isophorone	7.616	82	406083	40.936	ng	100
26) 2-Nitrophenol	7.692	139	110438	42.267	ng	100
27) 2,4-Dimethylphenol	7.728	122	131331	41.286	ng	100
28) bis(2-Chloroethoxy)met...	7.822	93	250807	41.594	ng	100
29) 2,4-Dichlorophenol	7.933	162	169394	41.363	ng	100
30) 1,2,4-Trichlorobenzene	8.016	180	187905	41.181	ng	100
31) Naphthalene	8.092	128	628366	41.000	ng	100
32) Benzoic acid	7.857	122	104823	34.313	ng	100
33) 4-Chloroaniline	8.145	127	232595	41.105	ng	100
34) Hexachlorobutadiene	8.210	225	113421	40.913	ng	100
35) Caprolactam	8.522	113	56367	41.710	ng	100
36) 4-Chloro-3-methylphenol	8.633	107	189537	41.111	ng	100
37) 2-Methylnaphthalene	8.786	142	401667	40.723	ng	100
38) 1-Methylnaphthalene	8.886	142	391145	40.421	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	189749	40.938	ng	100
41) Hexachlorocyclopentadiene	8.933	237	54570	39.562	ng	100
43) 2,4,6-Trichlorophenol	9.063	196	122348	41.159	ng	100

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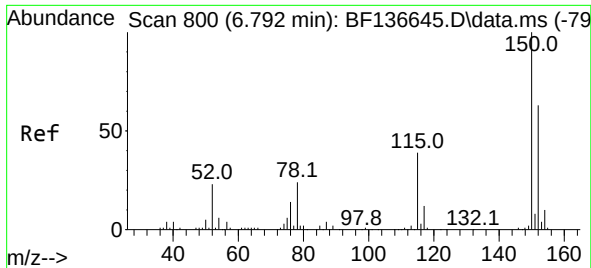
Quant Time: Dec 20 17:12:28 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	136092	41.084	ng	100
46) 1,1'-Biphenyl	9.251	154	503138	40.061	ng	100
47) 2-Chloronaphthalene	9.275	162	385764	40.404	ng	100
48) 2-Nitroaniline	9.375	65	122377	40.931	ng	100
49) Acenaphthylene	9.692	152	593833	40.691	ng	100
50) Dimethylphthalate	9.557	163	438063	40.072	ng	100
51) 2,6-Dinitrotoluene	9.622	165	101443	40.888	ng	100
52) Acenaphthene	9.863	154	363838	40.220	ng	100
53) 3-Nitroaniline	9.786	138	108925	41.445	ng	100
54) 2,4-Dinitrophenol	9.898	184	54980	41.853	ng	100
55) Dibenzofuran	10.033	168	549249	40.053	ng	100
56) 4-Nitrophenol	9.957	139	75576	42.598	ng	100
57) 2,4-Dinitrotoluene	10.022	165	133423	41.425	ng	100
58) Fluorene	10.380	166	434356	39.920	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	106442	41.453	ng	100
60) Diethylphthalate	10.257	149	460599	40.608	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	212701	40.218	ng	100
62) 4-Nitroaniline	10.404	138	108488	41.786	ng	100
63) Azobenzene	10.533	77	425387	40.153	ng	100
65) 4,6-Dinitro-2-methylph...	10.433	198	73730	45.282	ng	100
66) n-Nitrosodiphenylamine	10.492	169	383522	41.555	ng	100
67) 4-Bromophenyl-phenylether	10.863	248	129869	41.159	ng	100
68) Hexachlorobenzene	10.927	284	144698	41.151	ng	100
69) Atrazine	11.021	200	81765	34.638	ng	100
70) Pentachlorophenol	11.121	266	73739	44.991	ng	100
71) Phenanthrene	11.345	178	603342	41.387	ng	100
72) Anthracene	11.398	178	601653	40.753	ng	100
73) Carbazole	11.557	167	570413	40.980	ng	100
74) Di-n-butylphthalate	11.886	149	695991	40.977	ng	100
75) Fluoranthene	12.539	202	635597	40.761	ng	100
77) Benzidine	12.663	184	173637	37.955	ng	100
78) Pyrene	12.768	202	635271	41.710	ng	100
80) Butylbenzylphthalate	13.392	149	234387	42.293	ng	100
81) Benzo(a)anthracene	13.962	228	443065	41.125	ng	100
82) 3,3'-Dichlorobenzidine	13.927	252	122522	40.045	ng	100
83) Chrysene	13.998	228	426069	40.441	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	293545	42.098	ng	100
85) Di-n-octyl phthalate	14.568	149	450515	41.768	ng	100
87) Indeno(1,2,3-cd)pyrene	16.951	276	412136	42.009	ng	100
88) Benzo(b)fluoranthene	15.015	252	359117	39.570	ng	100
89) Benzo(k)fluoranthene	15.045	252	354430	41.344	ng	100
90) Benzo(a)pyrene	15.386	252	312321	40.769	ng	100
91) Dibenzo(a,h)anthracene	16.968	278	343487	42.676	ng	100
92) Benzo(g,h,i)perylene	17.409	276	349328	42.376	ng	100

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

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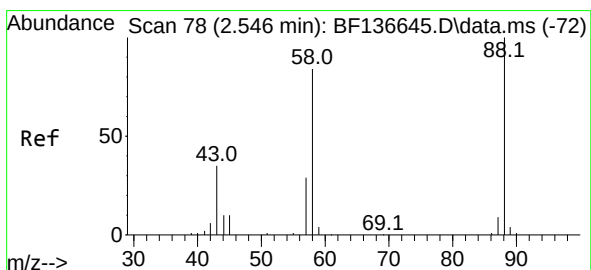
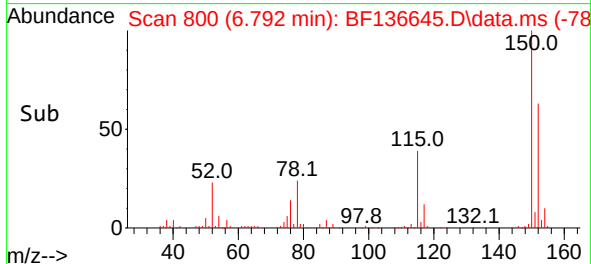
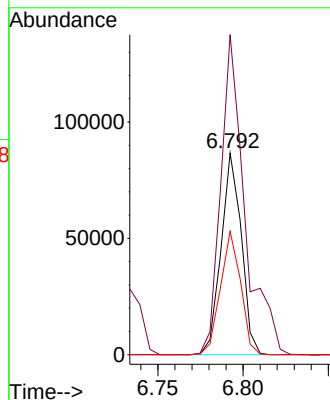
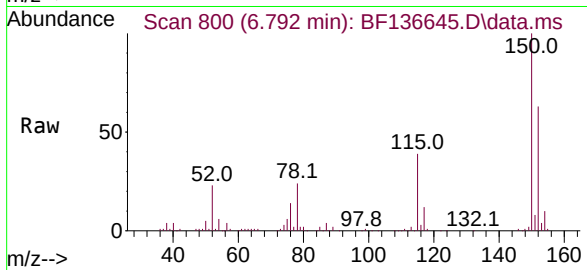




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: BF136645.D
 Acq: 20 Dec 2023 12:30

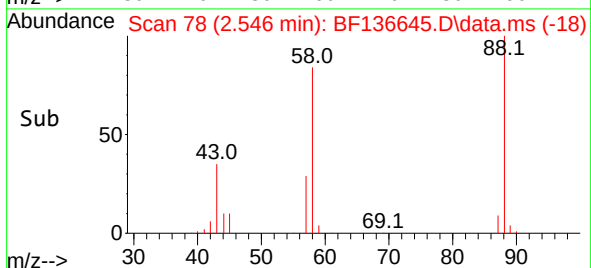
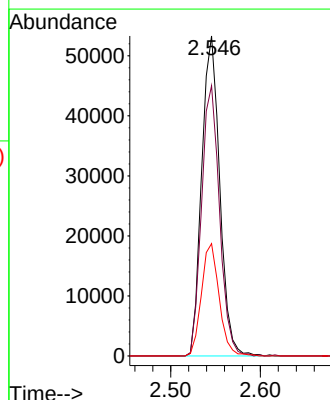
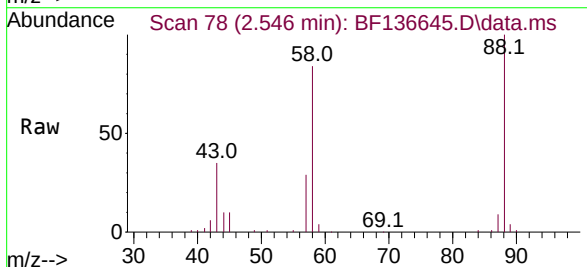
Instrument :
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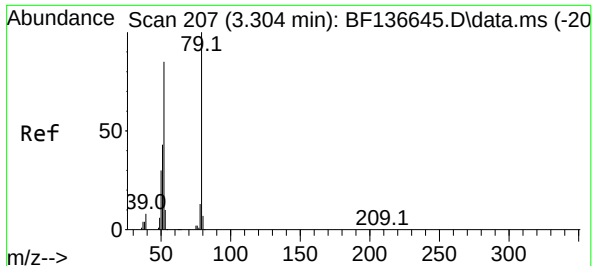
Tgt Ion:152 Resp: 71564
 Ion Ratio Lower Upper
 152 100
 150 158.8 127.0 190.6
 115 61.2 49.0 73.4



#2
 1,4-Dioxane
 Concen: 38.931 ng
 RT: 2.546 min Scan# 78
 Delta R.T. 0.000 min
 Lab File: BF136645.D
 Acq: 20 Dec 2023 12:30

Tgt Ion: 88 Resp: 74400
 Ion Ratio Lower Upper
 88 100
 58 84.2 67.4 101.0
 43 34.6 27.7 41.5

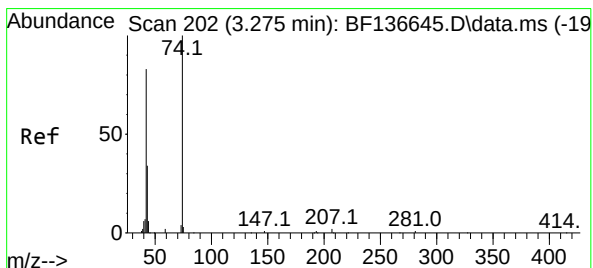
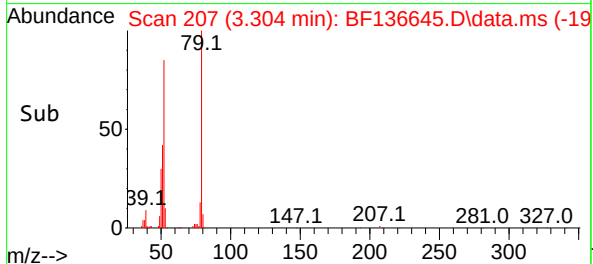
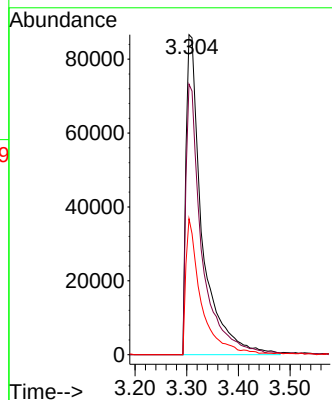
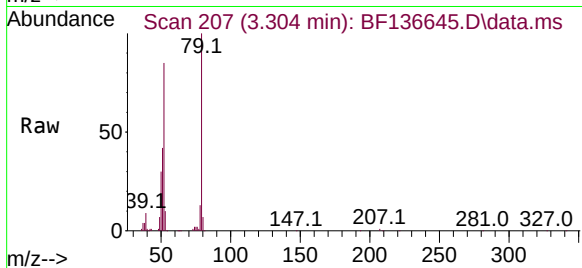




#3
Pyridine
Concen: 40.430 ng
RT: 3.304 min Scan# 207
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

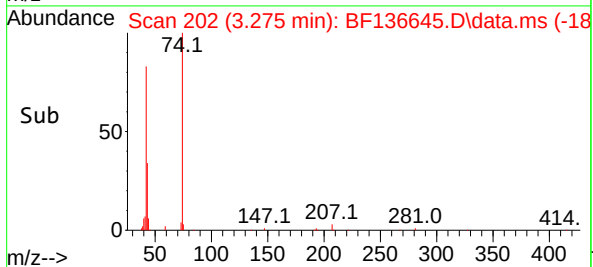
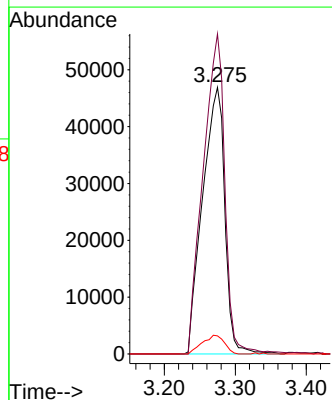
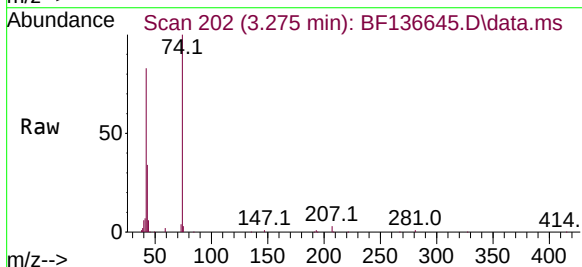
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

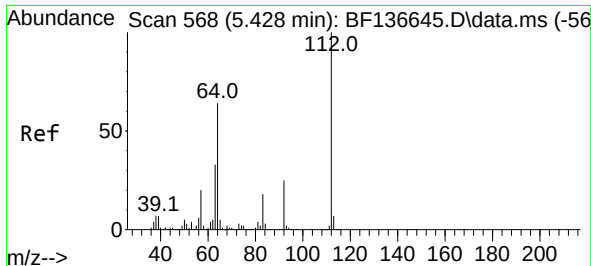
Tgt Ion: 79 Resp: 188517
Ion Ratio Lower Upper
79 100
52 84.6 67.7 101.5
51 42.5 34.0 51.0



#4
n-Nitrosodimethylamine
Concen: 41.078 ng
RT: 3.275 min Scan# 202
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

Tgt Ion: 42 Resp: 102283
Ion Ratio Lower Upper
42 100
74 120.0 96.0 144.0
44 6.8 5.4 8.2

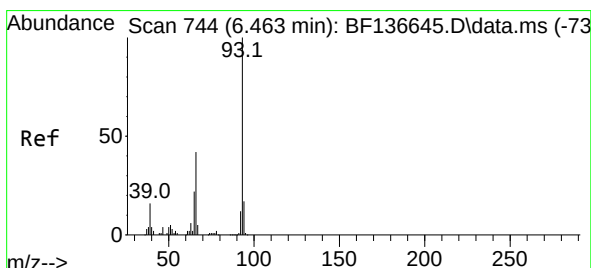
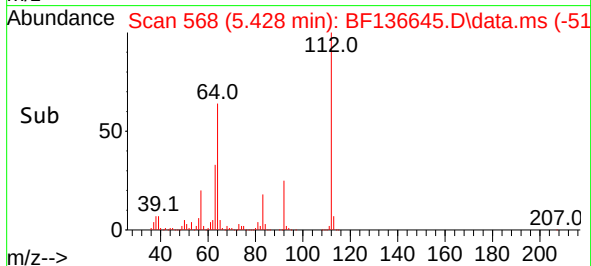
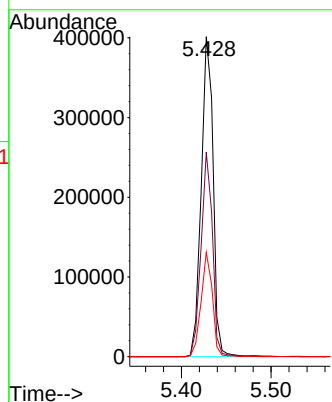
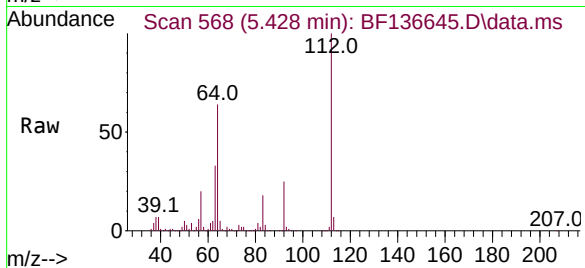




#5
2-Fluorophenol
Concen: 80.559 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

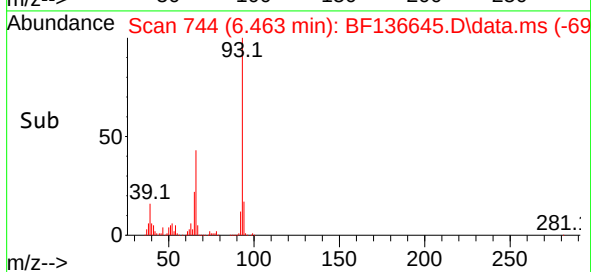
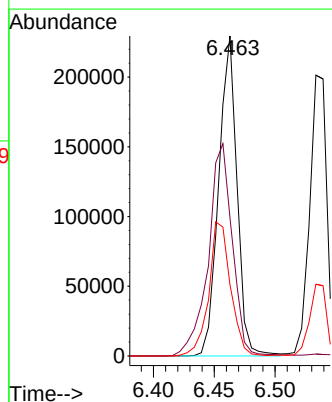
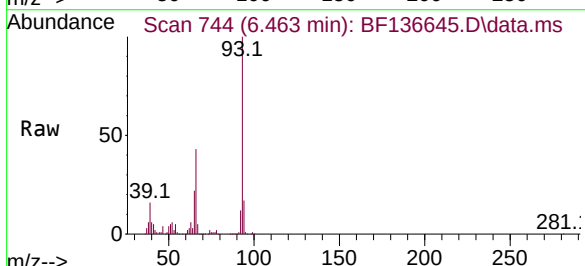
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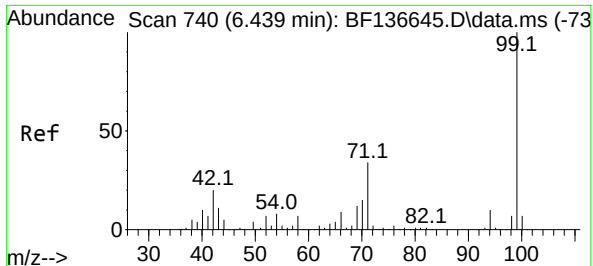
Tgt Ion:112 Resp: 369490
Ion Ratio Lower Upper
112 100
64 63.9 51.1 76.7
63 32.6 26.1 39.1



#6
Aniline
Concen: 40.452 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

Tgt Ion: 93 Resp: 240362
Ion Ratio Lower Upper
93 100
66 43.2 34.6 51.8
65 22.3 17.8 26.8

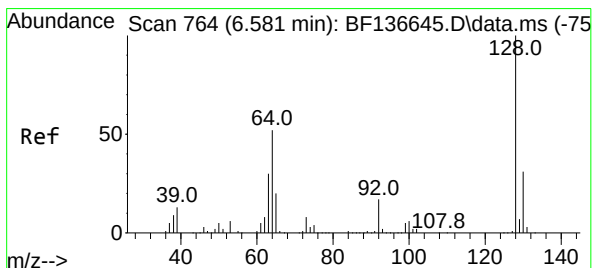
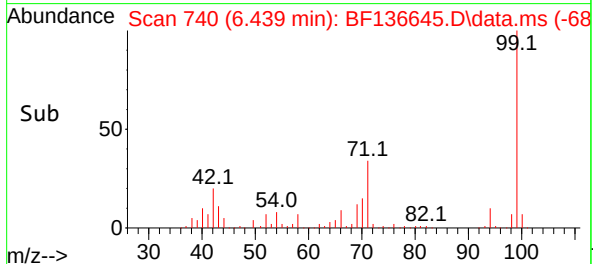
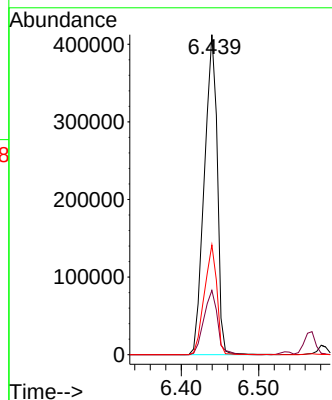
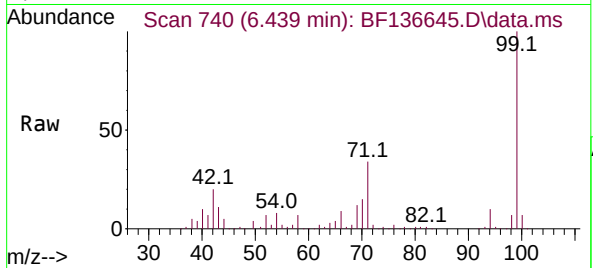




#7
Phenol-d6
Concen: 80.372 ng
RT: 6.439 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

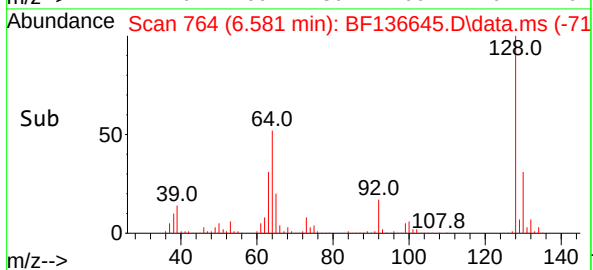
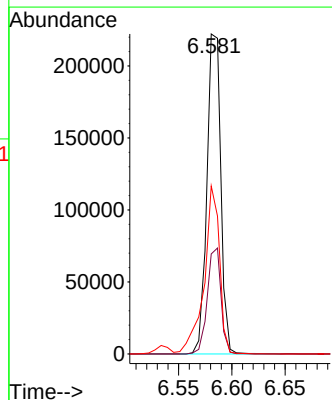
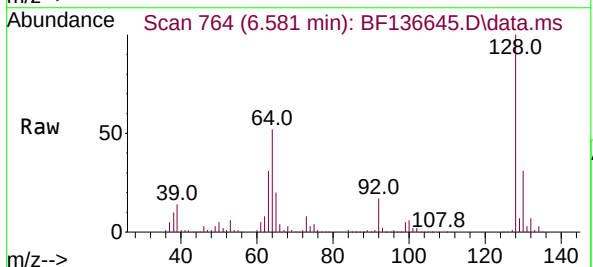
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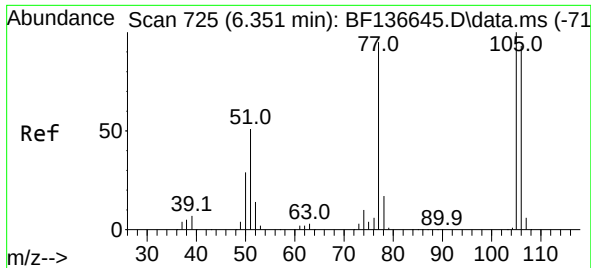
Tgt Ion: 99 Resp: 477662
Ion Ratio Lower Upper
99 100
42 20.1 16.1 24.1
71 34.3 27.4 41.2



#8
2-Chlorophenol
Concen: 40.423 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

Tgt Ion:128 Resp: 202892
Ion Ratio Lower Upper
128 100
130 31.3 11.3 51.3
64 52.5 32.5 72.5





#9

Benzaldehyde

Concen: 39.522 ng

RT: 6.351 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF136645.D

Acq: 20 Dec 2023 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

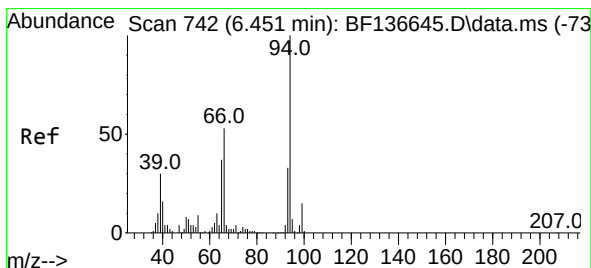
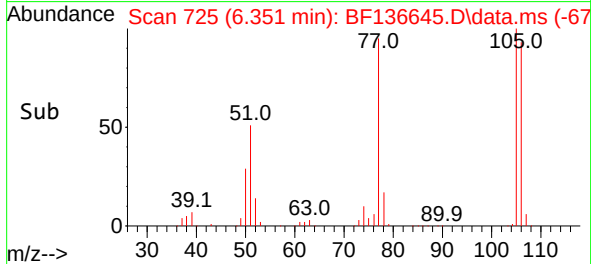
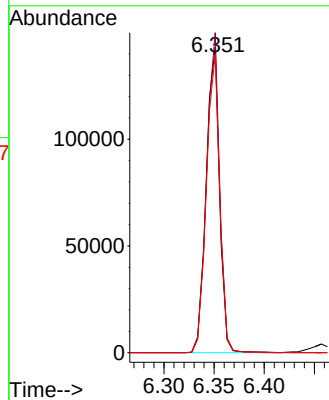
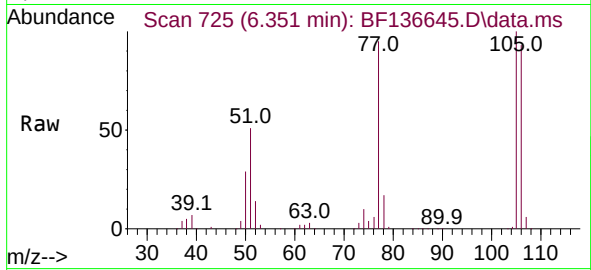
Tgt Ion: 77 Resp: 133601

Ion Ratio Lower Upper

77 100

105 104.8 84.8 124.8

106 97.8 77.8 117.8



#10

Phenol

Concen: 39.942 ng

RT: 6.451 min Scan# 742

Delta R.T. 0.000 min

Lab File: BF136645.D

Acq: 20 Dec 2023 12:30

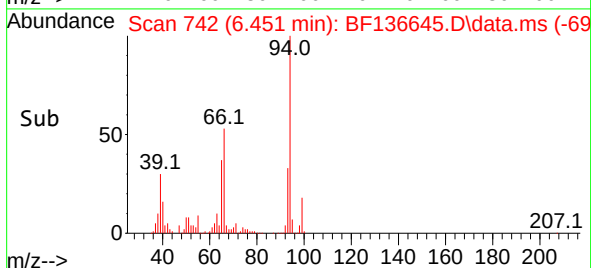
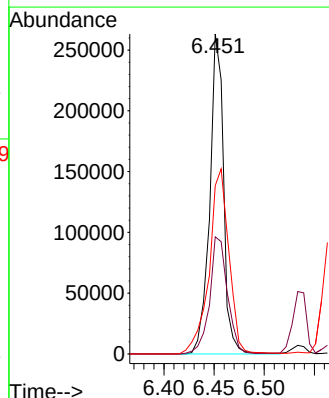
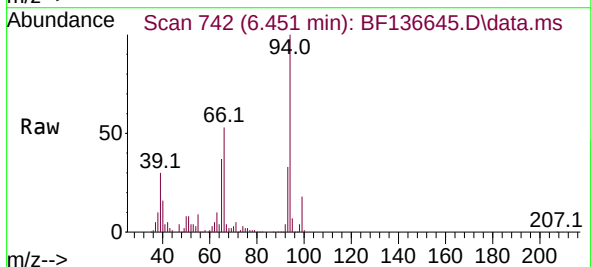
Tgt Ion: 94 Resp: 253406

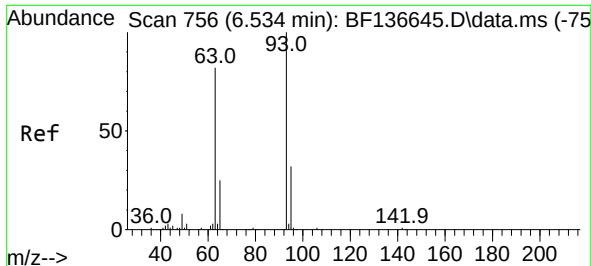
Ion Ratio Lower Upper

94 100

65 36.6 16.6 56.6

66 52.6 32.6 72.6

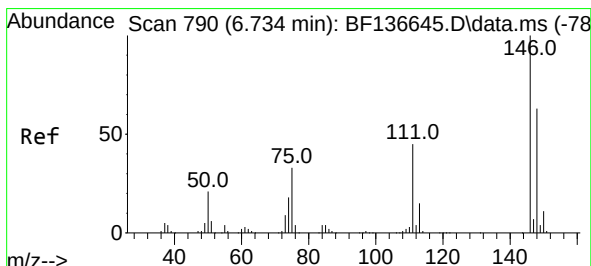
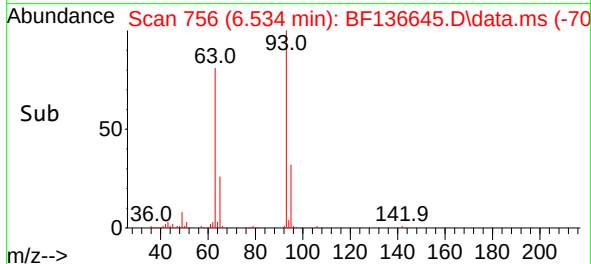
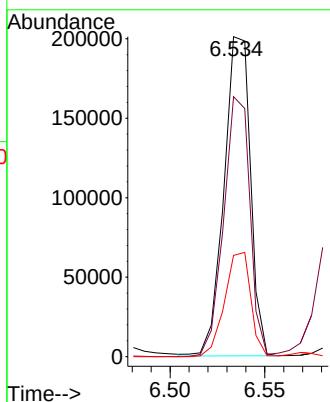
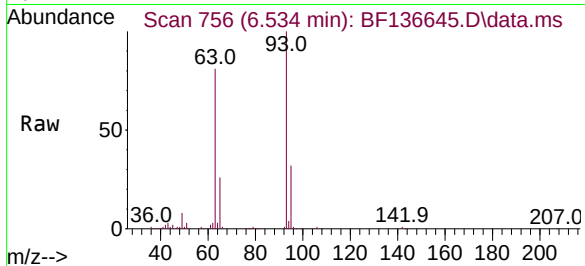




#11
bis(2-Chloroethyl)ether
Concen: 40.527 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

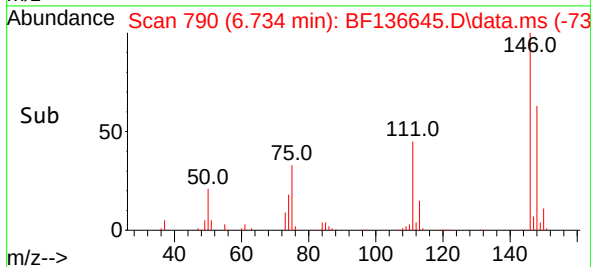
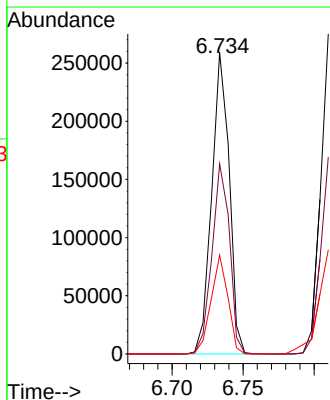
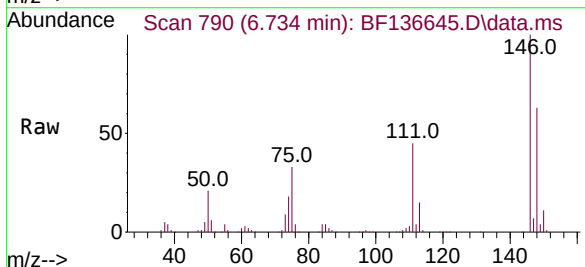
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

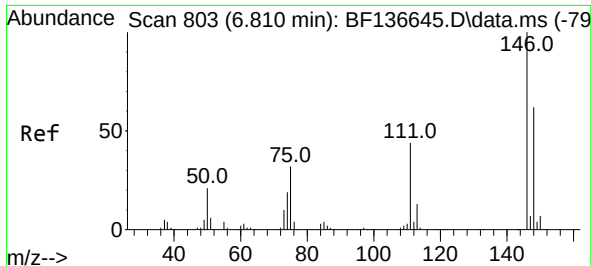
Tgt Ion: 93 Resp: 195535
Ion Ratio Lower Upper
93 100
63 81.2 61.2 101.2
95 31.6 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 40.364 ng
RT: 6.734 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

Tgt Ion: 146 Resp: 221015
Ion Ratio Lower Upper
146 100
148 63.1 50.5 75.7
75 32.8 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 40.195 ng

RT: 6.810 min Scan# 803

Delta R.T. 0.000 min

Lab File: BF136645.D

Acq: 20 Dec 2023 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

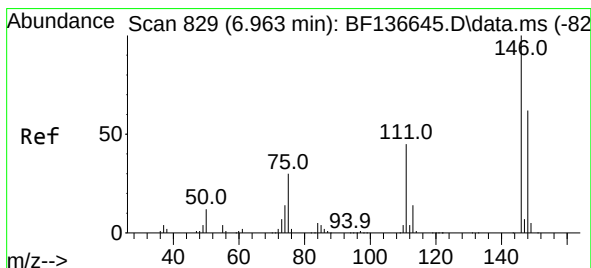
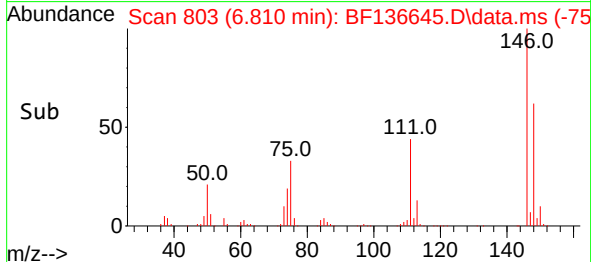
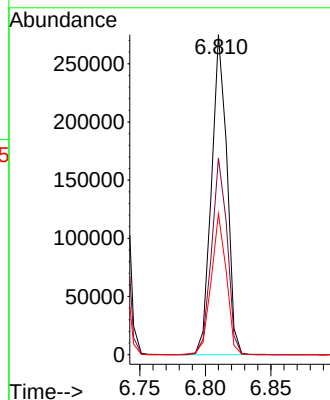
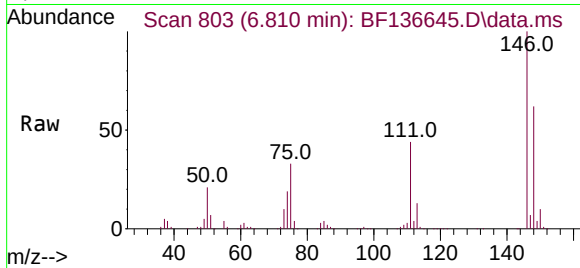
Tgt Ion:146 Resp: 224880

Ion Ratio Lower Upper

146 100

148 61.5 49.2 73.8

111 44.0 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 40.129 ng

RT: 6.963 min Scan# 829

Delta R.T. 0.000 min

Lab File: BF136645.D

Acq: 20 Dec 2023 12:30

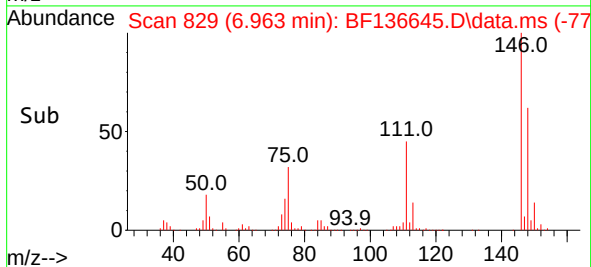
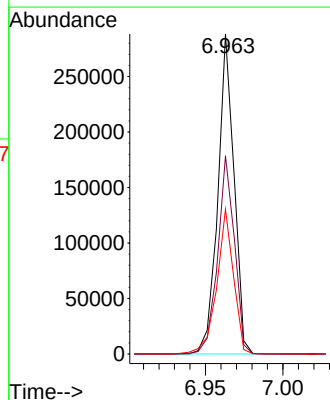
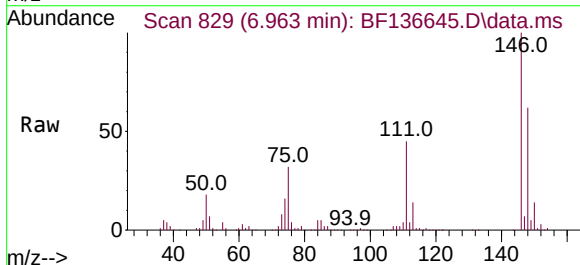
Tgt Ion:146 Resp: 208913

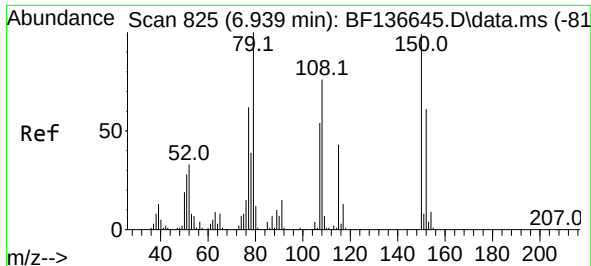
Ion Ratio Lower Upper

146 100

148 62.0 49.6 74.4

111 45.2 36.2 54.2

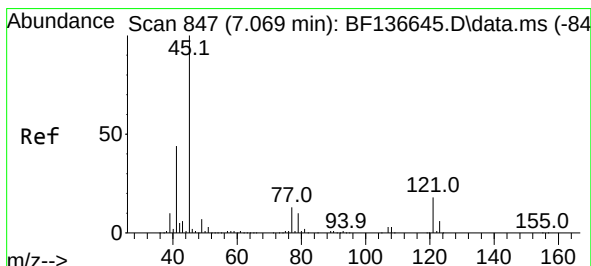
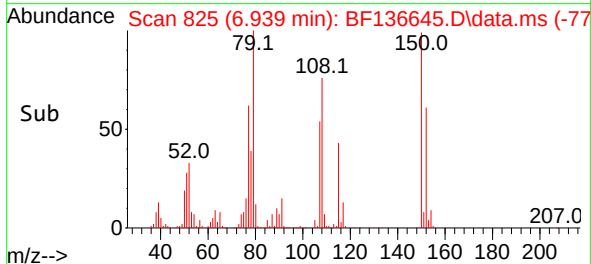
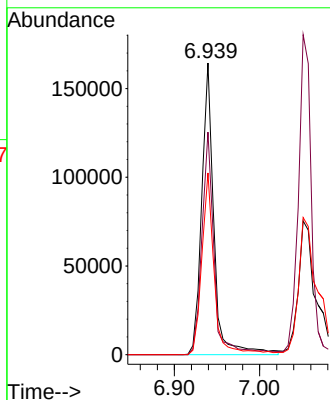
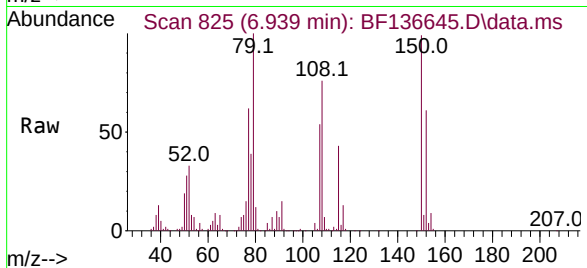




#15
Benzyl Alcohol
Concen: 40.875 ng
RT: 6.939 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

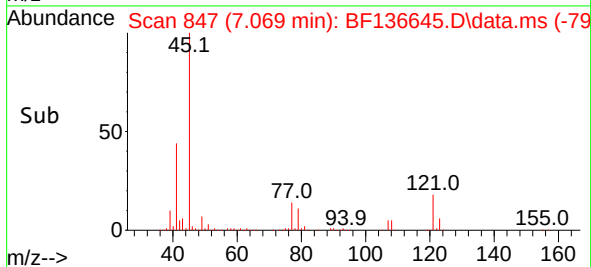
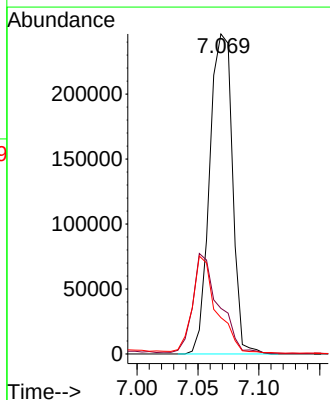
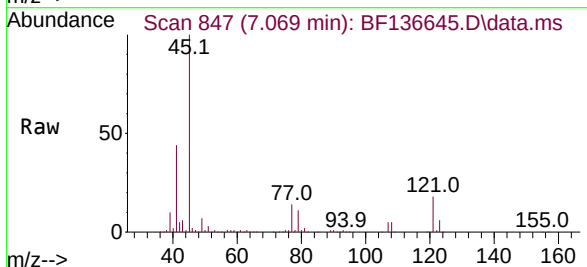
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

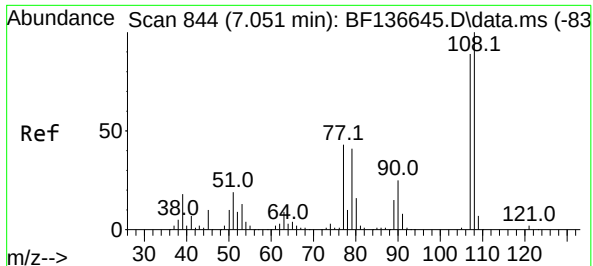
Tgt Ion: 79 Resp: 163888
Ion Ratio Lower Upper
79 100
108 76.3 61.0 91.6
77 62.3 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.585 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

Tgt Ion: 45 Resp: 320140
Ion Ratio Lower Upper
45 100
77 14.3 0.0 34.3
79 11.4 0.0 31.4

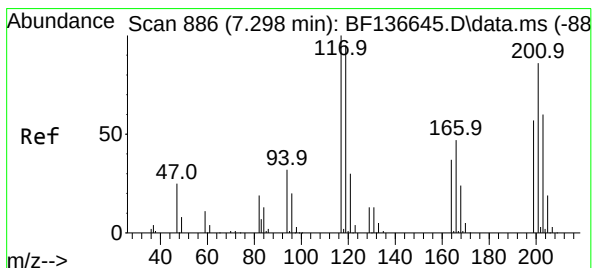
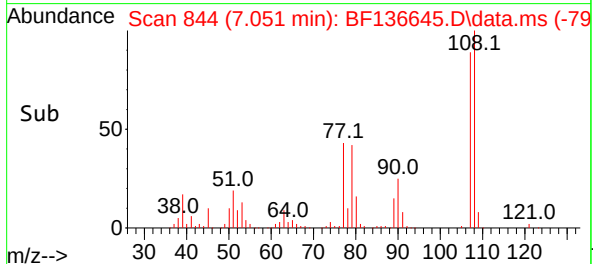
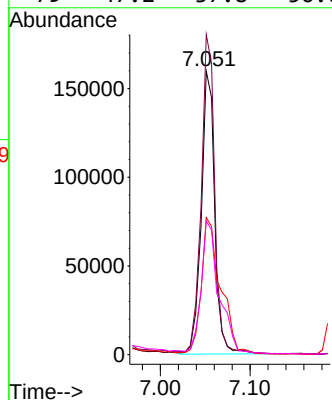
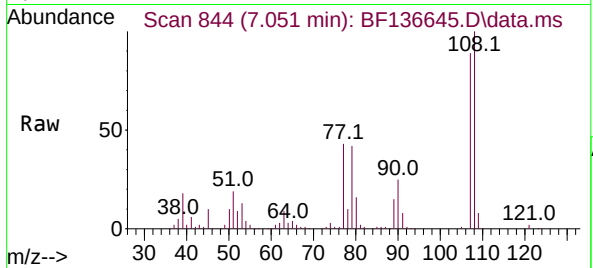




#17
2-Methylphenol
Concen: 39.864 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

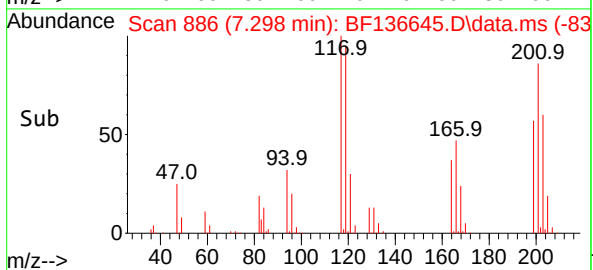
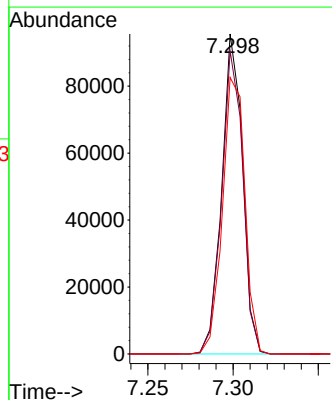
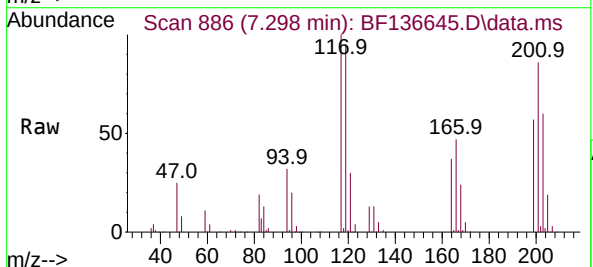
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

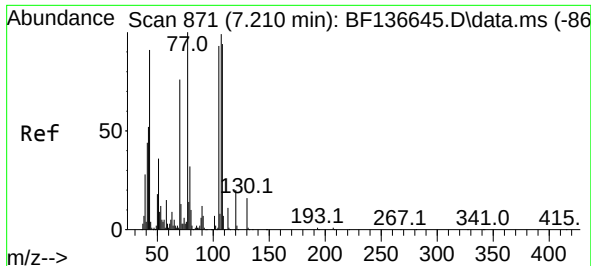
Tgt Ion:107 Resp: 165761
Ion Ratio Lower Upper
107 100
108 112.9 90.3 135.5
77 48.4 38.7 58.1
79 47.2 37.8 56.6



#18
Hexachloroethane
Concen: 40.034 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

Tgt Ion:117 Resp: 81342
Ion Ratio Lower Upper
117 100
119 94.7 75.8 113.6
201 86.4 69.1 103.7





#19

n-Nitroso-di-n-propylamine

Concen: 39.774 ng

RT: 7.210 min Scan# 871

Delta R.T. 0.000 min

Lab File: BF136645.D

Acq: 20 Dec 2023 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 143294

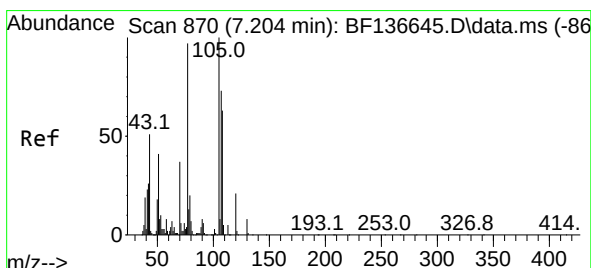
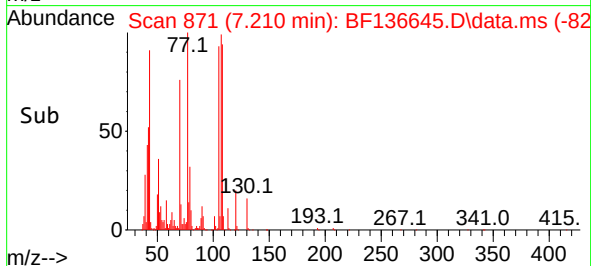
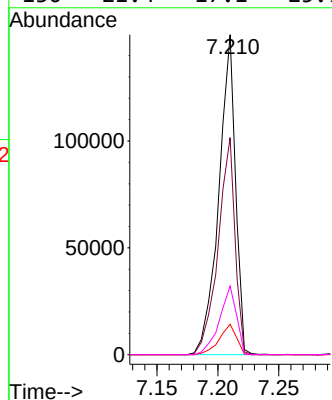
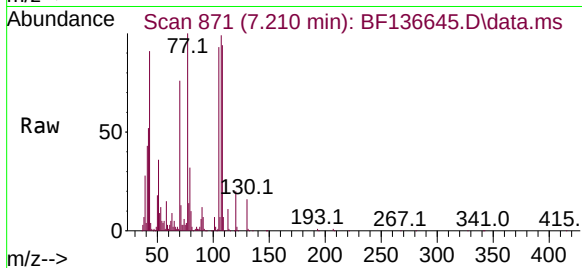
Ion Ratio Lower Upper

70 100

42 67.8 54.2 81.4

101 9.5 7.6 11.4

130 21.4 17.1 25.7



#20

3+4-Methylphenols

Concen: 39.938 ng

RT: 7.204 min Scan# 870

Delta R.T. 0.000 min

Lab File: BF136645.D

Acq: 20 Dec 2023 12:30

Tgt Ion: 107 Resp: 207470

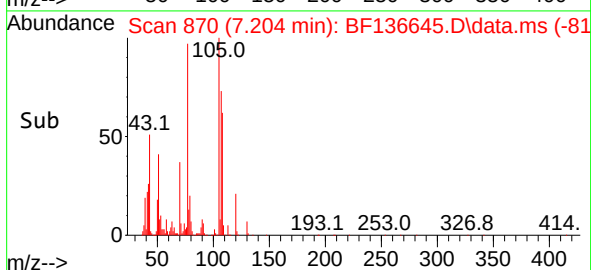
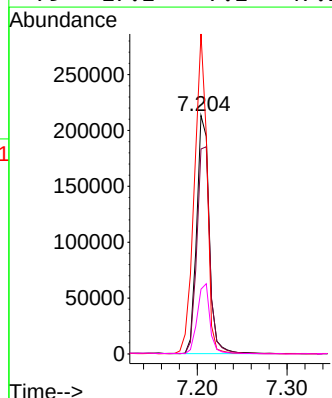
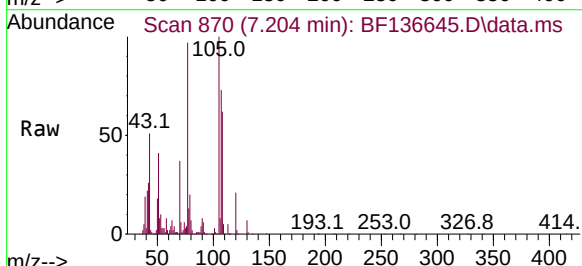
Ion Ratio Lower Upper

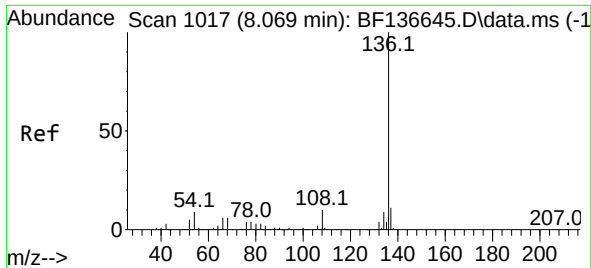
107 100

108 86.0 66.0 106.0

77 134.2 114.2 154.2

79 27.2 7.2 47.2

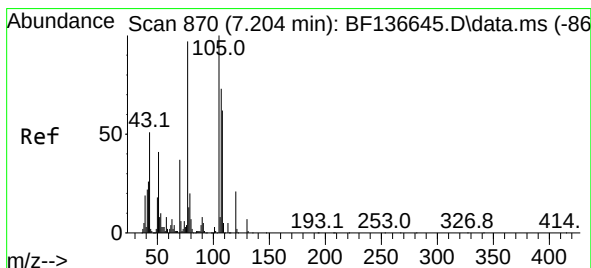
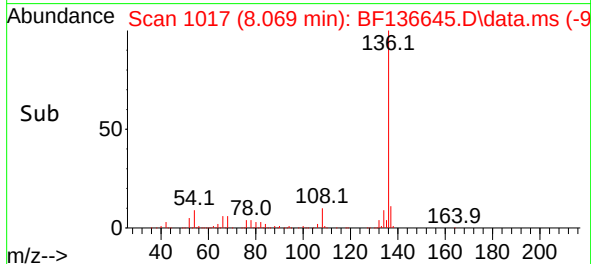
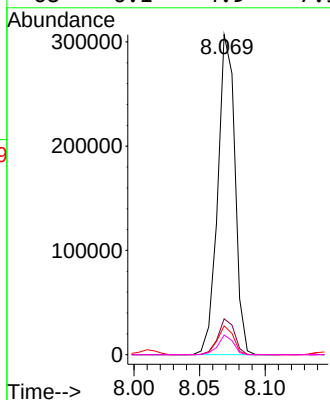
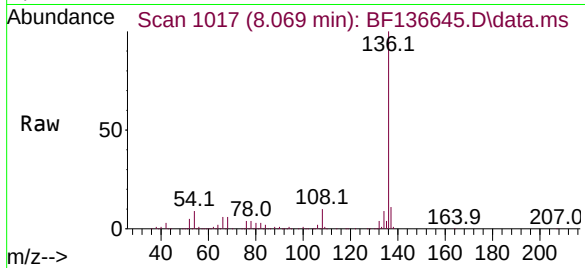




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

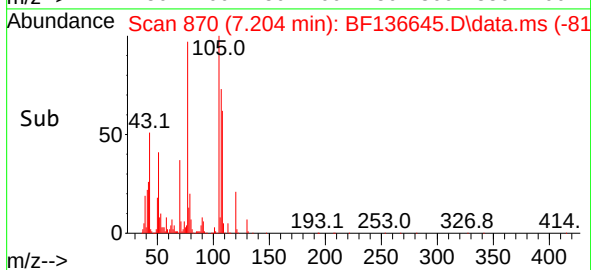
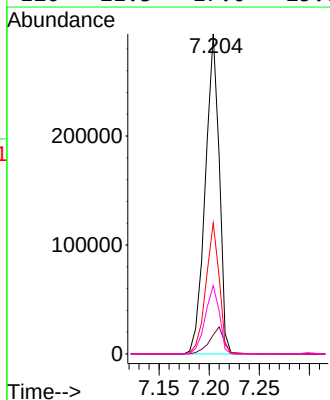
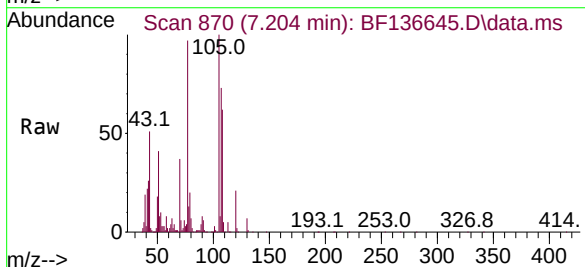
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

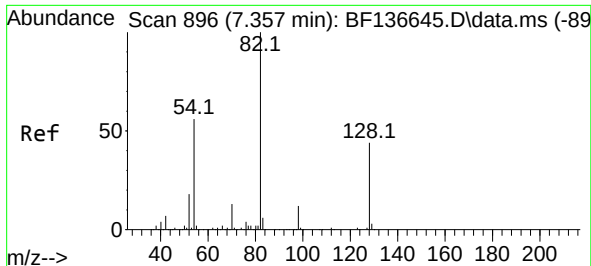
Tgt Ion:136 Resp: 278971
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 9.0 7.2 10.8
68 6.1 4.9 7.3



#22
Acetophenone
Concen: 40.659 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

Tgt Ion:105 Resp: 284301
Ion Ratio Lower Upper
105 100
71 6.0 4.8 7.2
51 41.0 32.8 49.2
120 21.3 17.0 25.6





#23

Nitrobenzene-d5

Concen: 82.641 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF136645.D

Acq: 20 Dec 2023 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

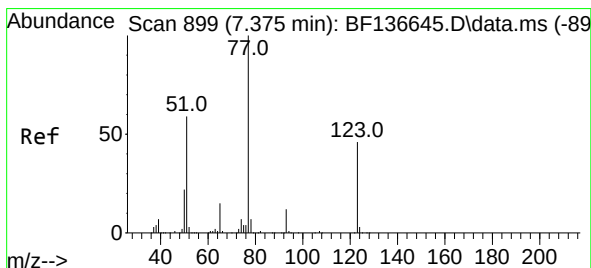
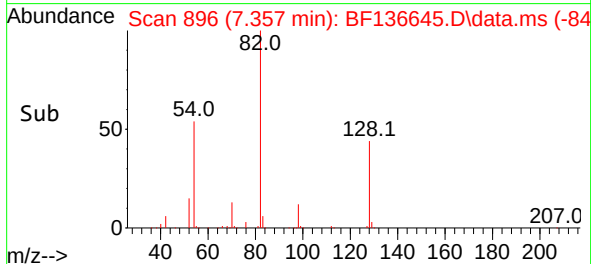
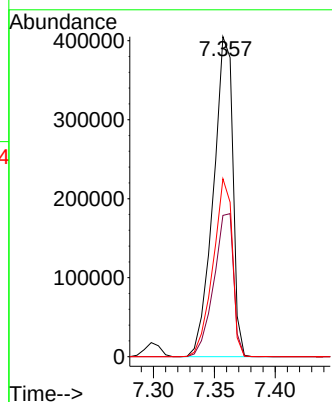
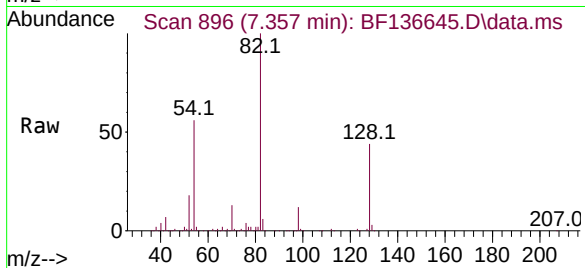
Tgt Ion: 82 Resp: 450539

Ion Ratio Lower Upper

82 100

128 44.1 35.3 52.9

54 55.6 44.5 66.7



#24

Nitrobenzene

Concen: 41.735 ng

RT: 7.375 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF136645.D

Acq: 20 Dec 2023 12:30

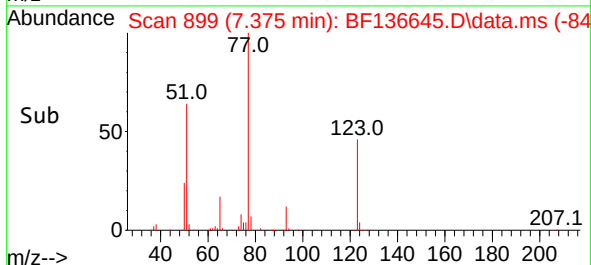
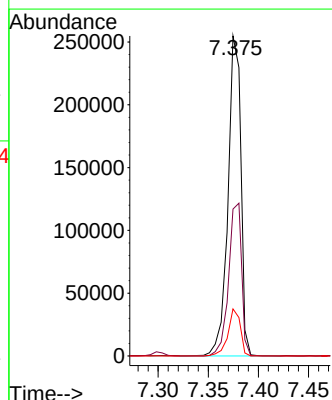
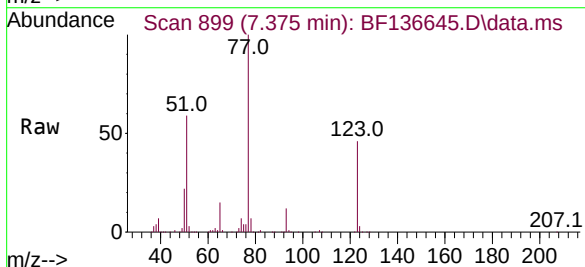
Tgt Ion: 77 Resp: 227921

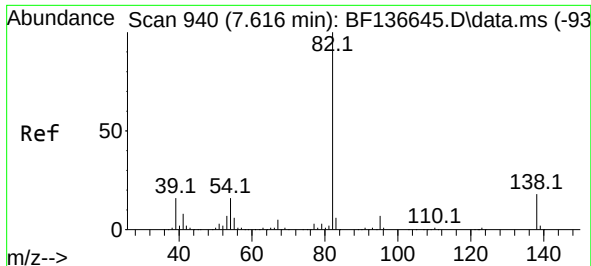
Ion Ratio Lower Upper

77 100

123 45.9 36.7 55.1

65 14.7 11.8 17.6

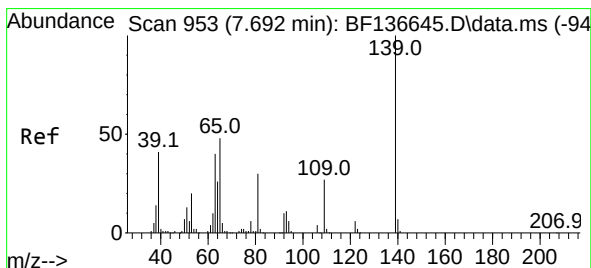
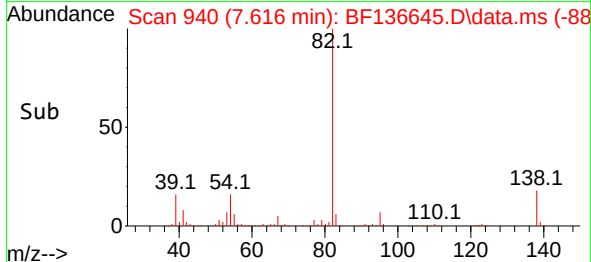
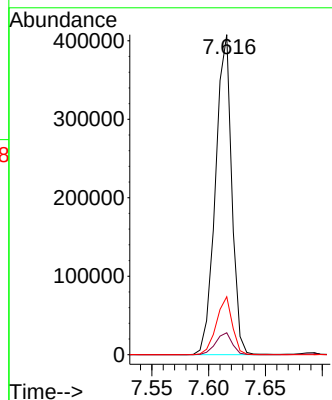
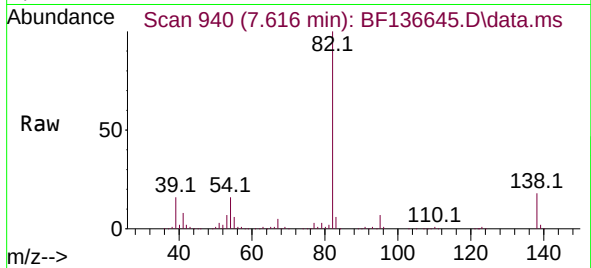




#25
Isophorone
Concen: 40.936 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

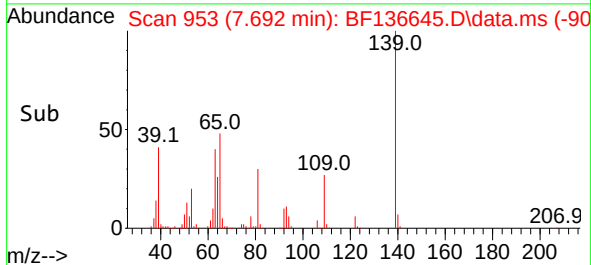
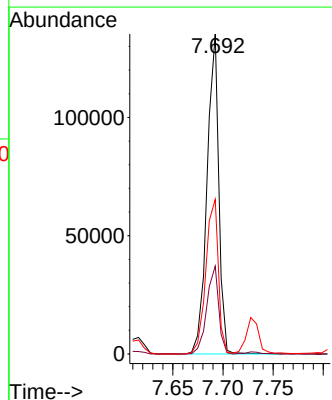
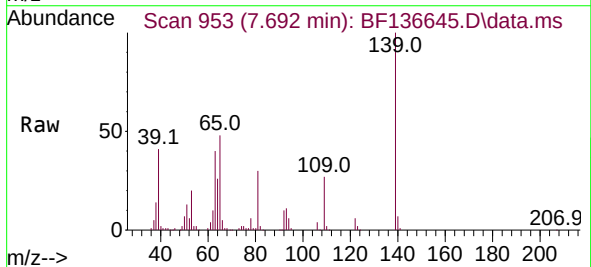
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

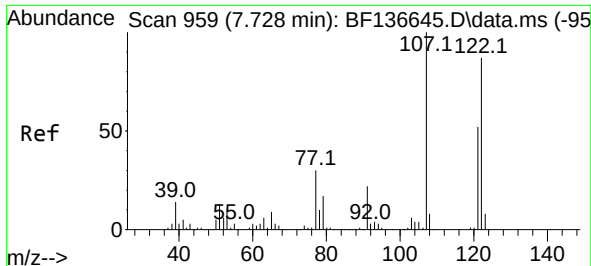
Tgt Ion: 82 Resp: 406083
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 18.1 14.5 21.7



#26
2-Nitrophenol
Concen: 42.267 ng
RT: 7.692 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

Tgt Ion: 139 Resp: 110438
Ion Ratio Lower Upper
139 100
109 27.4 21.9 32.9
65 48.3 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 41.286 ng

RT: 7.728 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF136645.D

Acq: 20 Dec 2023 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

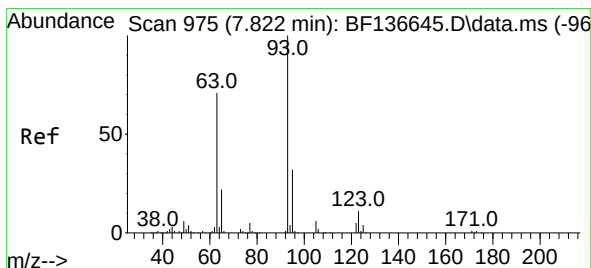
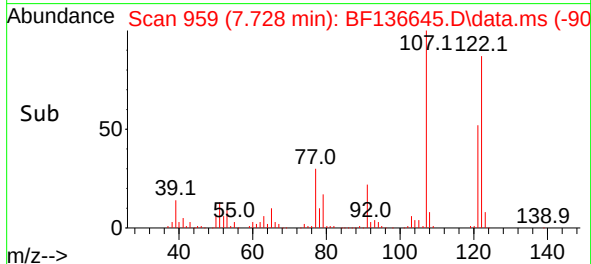
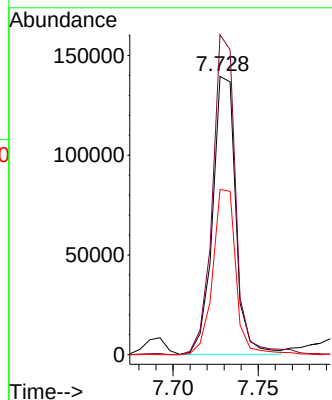
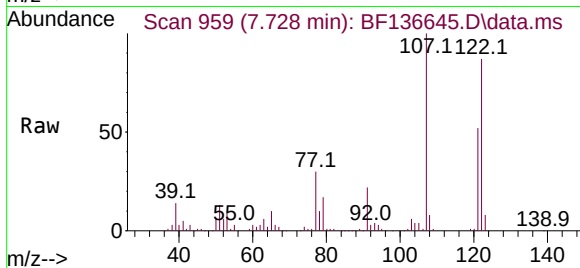
Tgt Ion:122 Resp: 131331

Ion Ratio Lower Upper

122 100

107 115.0 92.0 138.0

121 59.4 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 41.594 ng

RT: 7.822 min Scan# 975

Delta R.T. 0.000 min

Lab File: BF136645.D

Acq: 20 Dec 2023 12:30

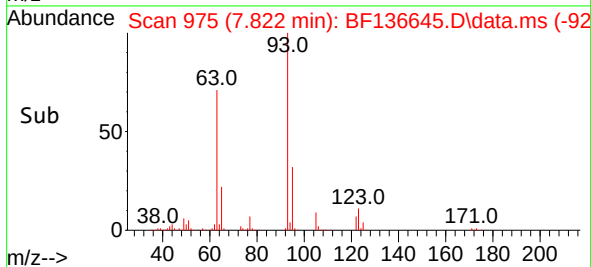
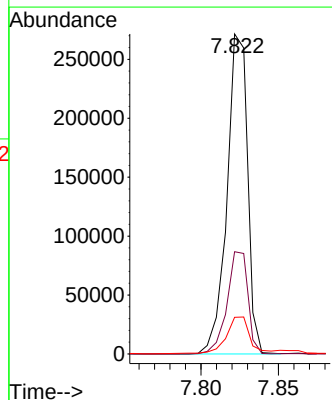
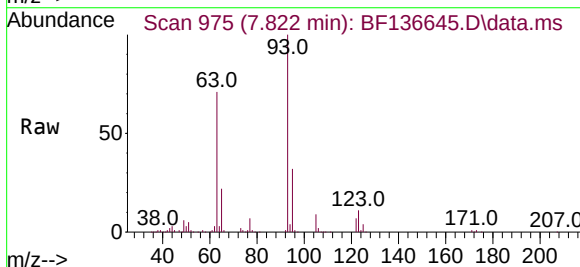
Tgt Ion: 93 Resp: 250807

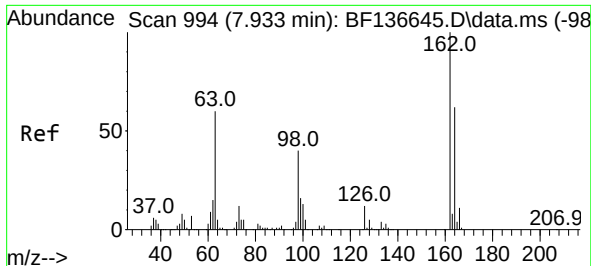
Ion Ratio Lower Upper

93 100

95 31.9 25.5 38.3

123 11.5 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 41.363 ng

RT: 7.933 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF136645.D

Acq: 20 Dec 2023 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

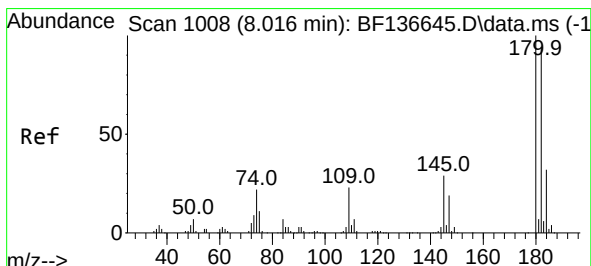
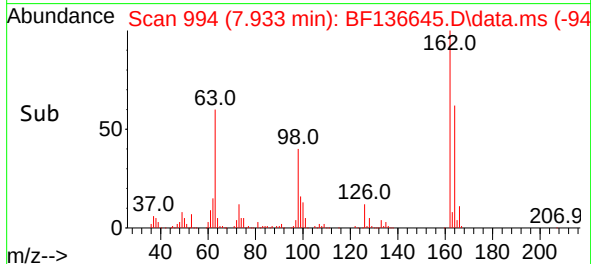
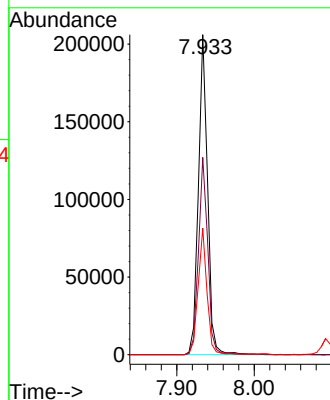
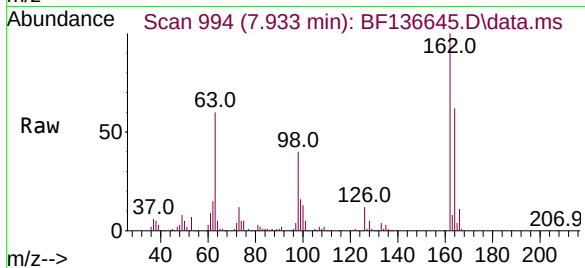
Tgt Ion:162 Resp: 169394

Ion Ratio Lower Upper

162 100

164 61.7 41.7 81.7

98 39.5 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 41.181 ng

RT: 8.016 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF136645.D

Acq: 20 Dec 2023 12:30

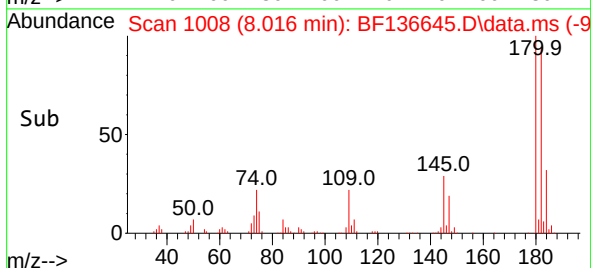
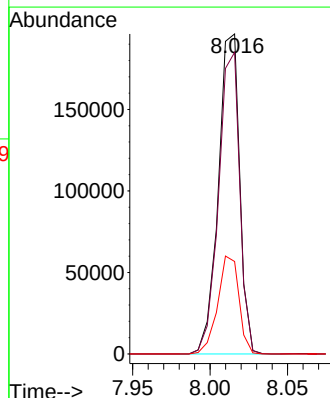
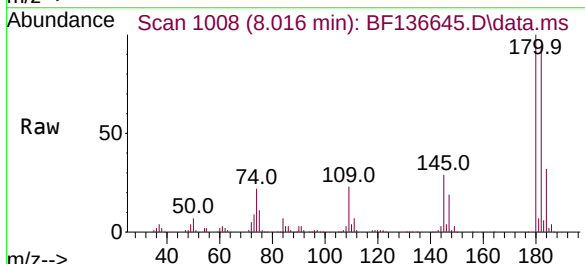
Tgt Ion:180 Resp: 187905

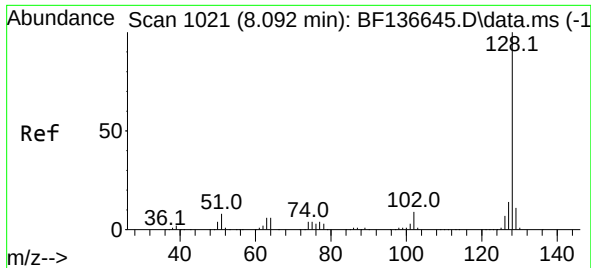
Ion Ratio Lower Upper

180 100

182 94.2 75.4 113.0

145 28.9 23.1 34.7

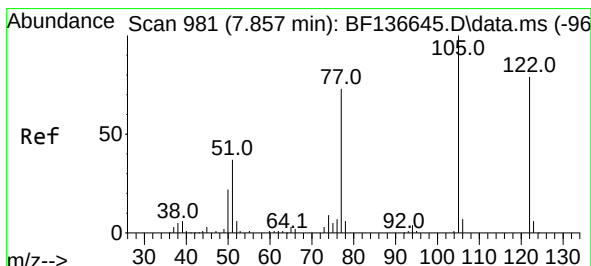
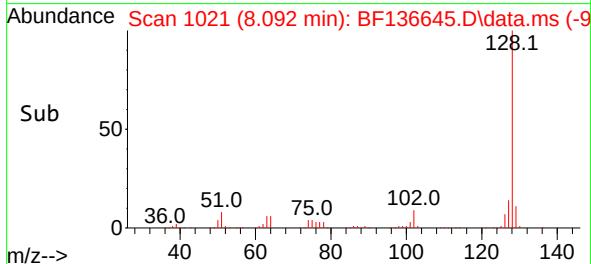
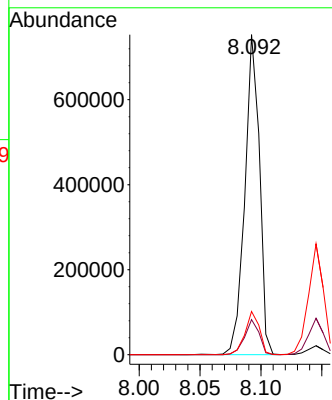
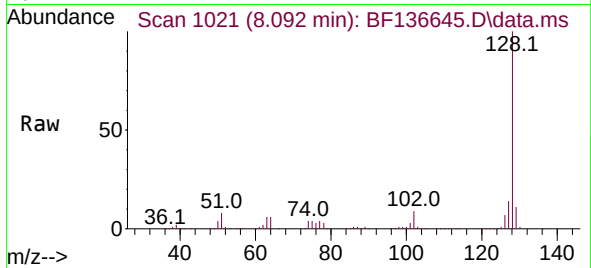




#31
Naphthalene
Concen: 41.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

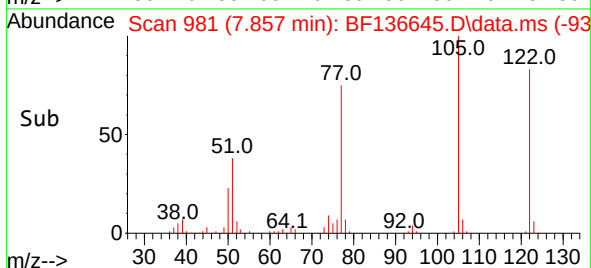
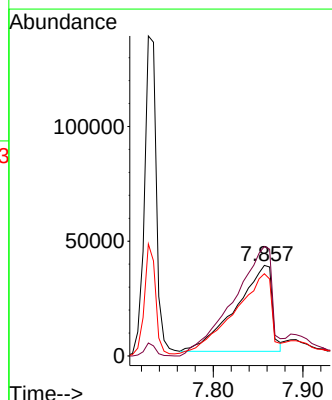
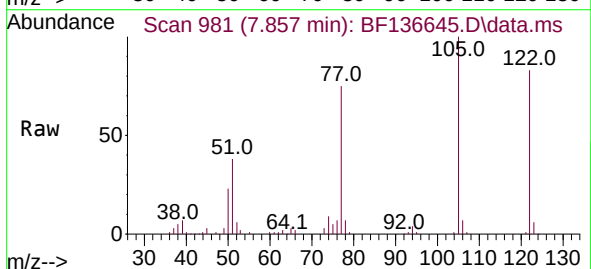
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

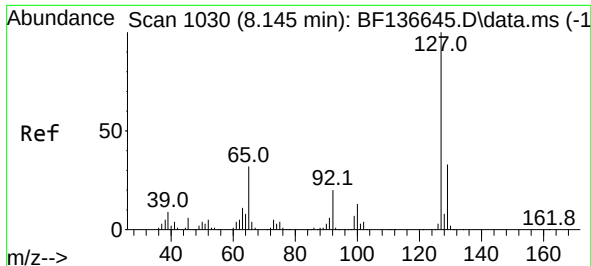
Tgt Ion:128 Resp: 628366
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 34.313 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

Tgt Ion:122 Resp: 104823
Ion Ratio Lower Upper
122 100
105 120.8 100.8 140.8
77 90.9 70.9 110.9

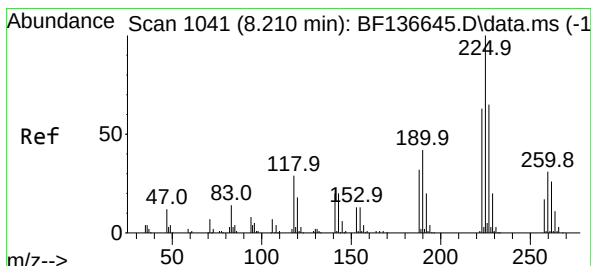
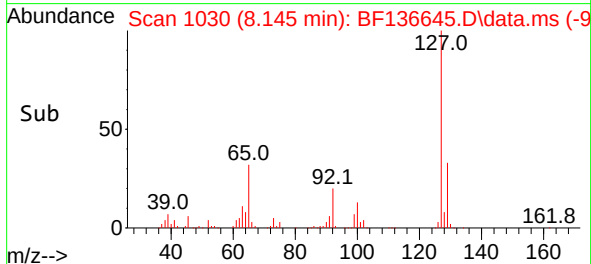
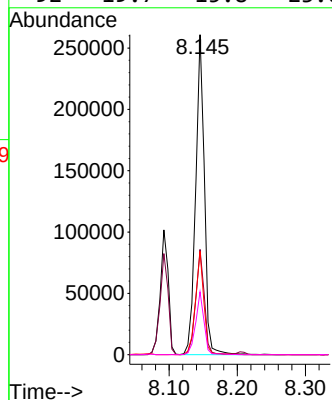
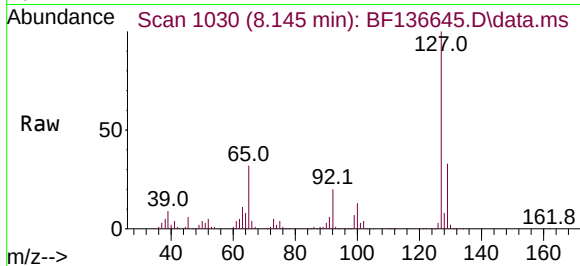




#33
4-Chloroaniline
Concen: 41.105 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

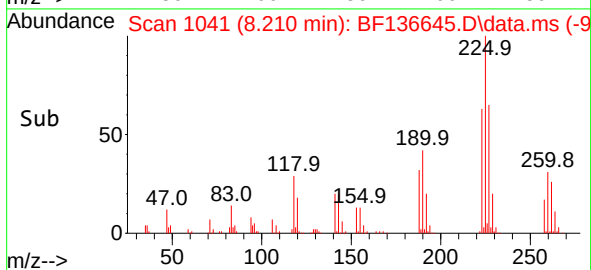
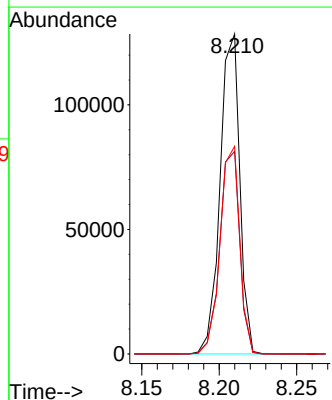
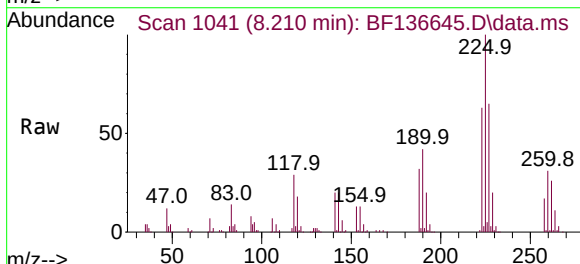
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

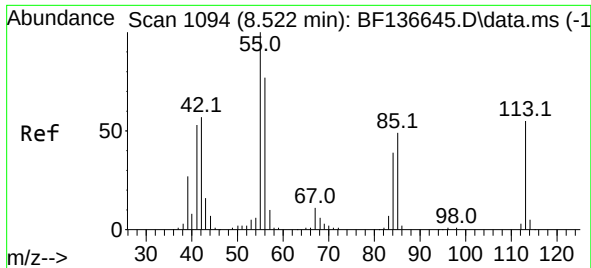
Tgt Ion:	127	Resp:	232595
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.3	39.5
65	32.3	25.8	38.8
92	19.7	15.8	23.6



#34
Hexachlorobutadiene
Concen: 40.913 ng
RT: 8.210 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

Tgt Ion:	225	Resp:	113421
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	64.9	51.9	77.9

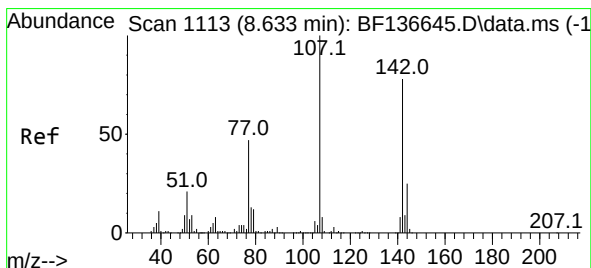
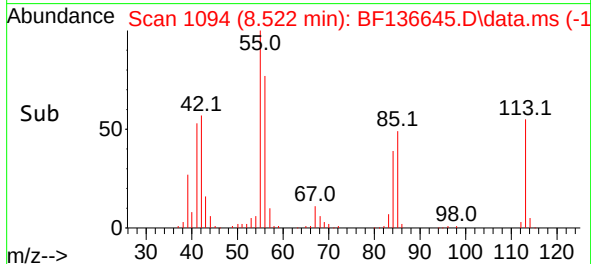
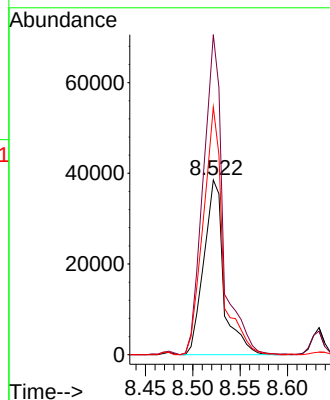
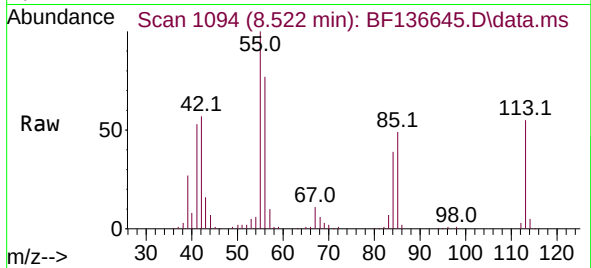




#35
Caprolactam
Concen: 41.710 ng
RT: 8.522 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

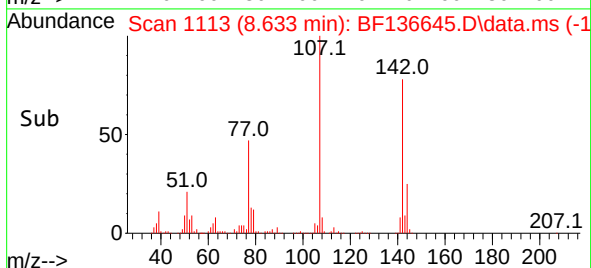
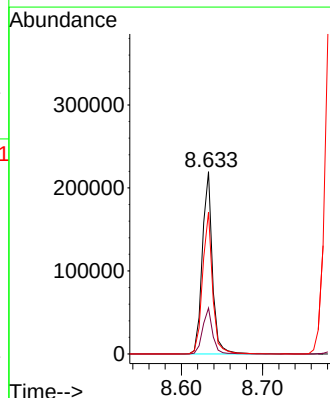
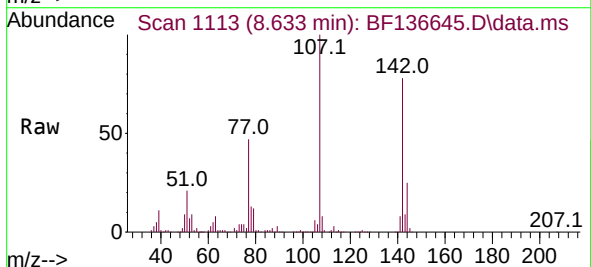
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

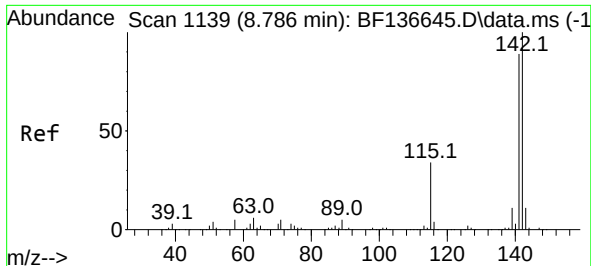
Tgt Ion:113 Resp: 56367
Ion Ratio Lower Upper
113 100
55 183.1 163.1 203.1
56 141.7 121.7 161.7



#36
4-Chloro-3-methylphenol
Concen: 41.111 ng
RT: 8.633 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

Tgt Ion:107 Resp: 189537
Ion Ratio Lower Upper
107 100
144 25.2 20.2 30.2
142 77.9 62.3 93.5

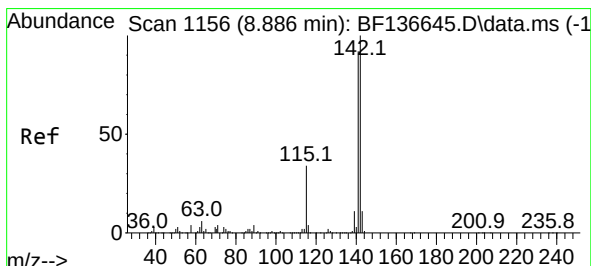
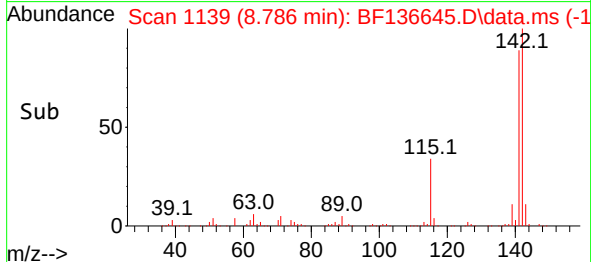
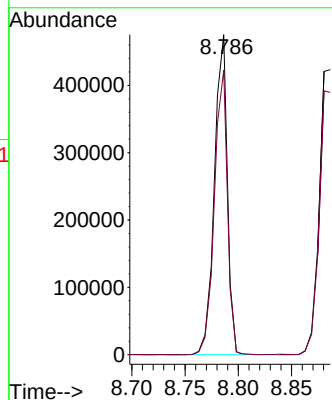
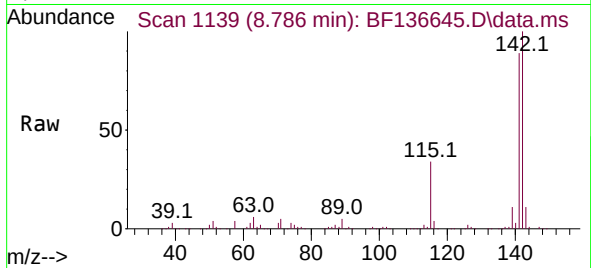




#37
2-Methylnaphthalene
Concen: 40.723 ng
RT: 8.786 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

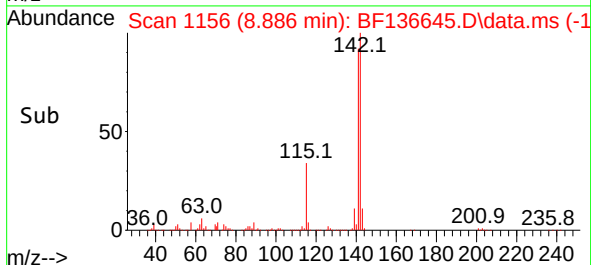
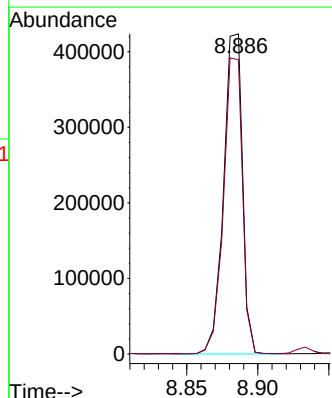
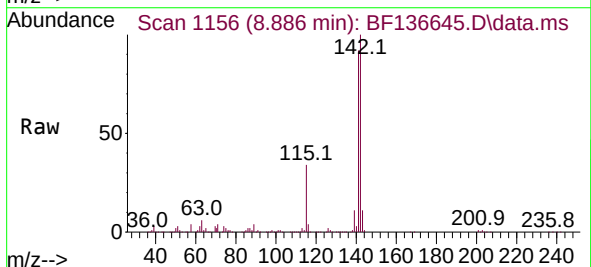
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

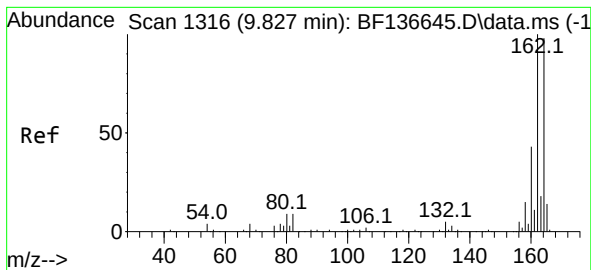
Tgt Ion:142 Resp: 401667
Ion Ratio Lower Upper
142 100
141 88.9 71.1 106.7



#38
1-Methylnaphthalene
Concen: 40.421 ng
RT: 8.886 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

Tgt Ion:142 Resp: 391145
Ion Ratio Lower Upper
142 100
141 92.0 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF136645.D

Acq: 20 Dec 2023 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

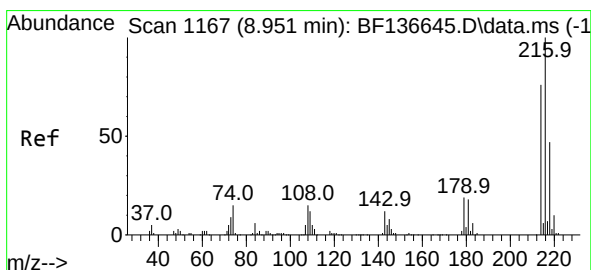
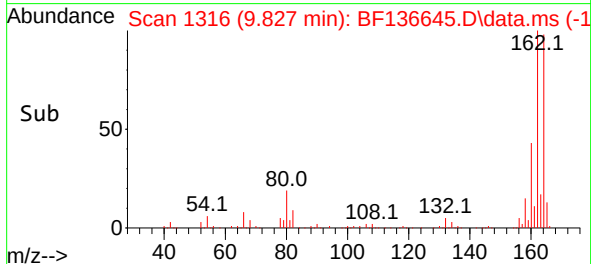
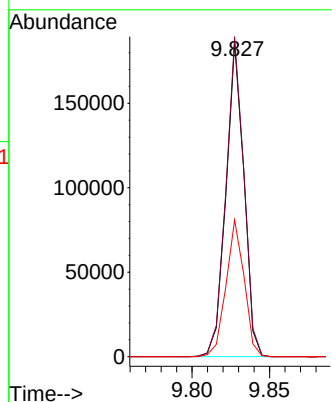
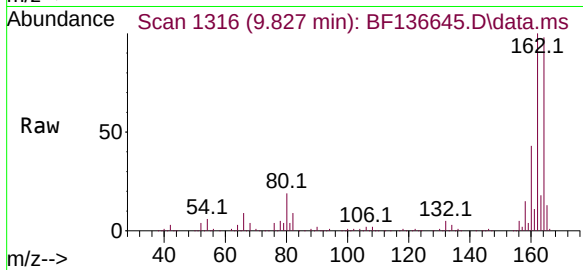
Tgt Ion:164 Resp: 149666

Ion Ratio Lower Upper

164 100

162 102.0 81.6 122.4

160 43.6 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.938 ng

RT: 8.951 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF136645.D

Acq: 20 Dec 2023 12:30

Tgt Ion:216 Resp: 189749

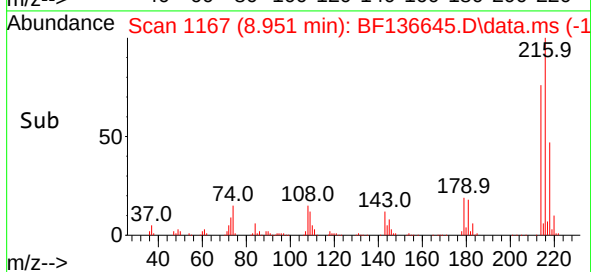
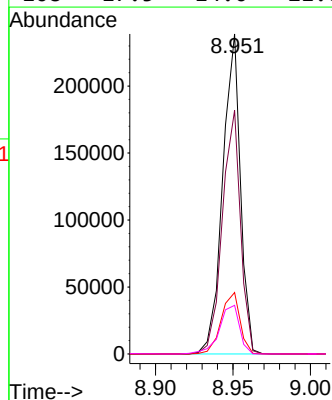
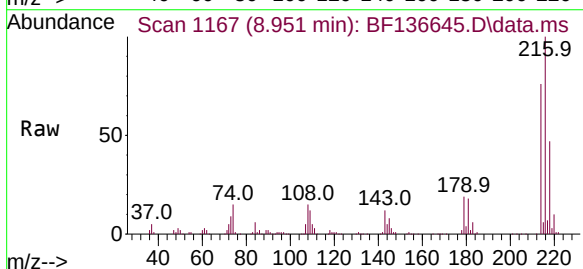
Ion Ratio Lower Upper

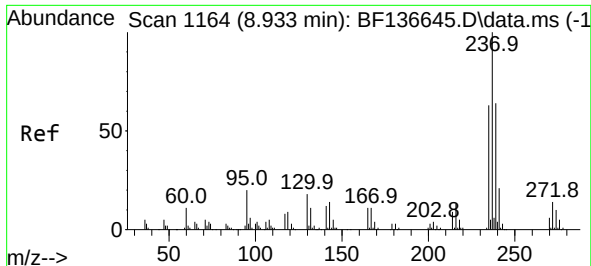
216 100

214 77.9 62.3 93.5

179 20.5 16.4 24.6

108 17.5 14.0 21.0

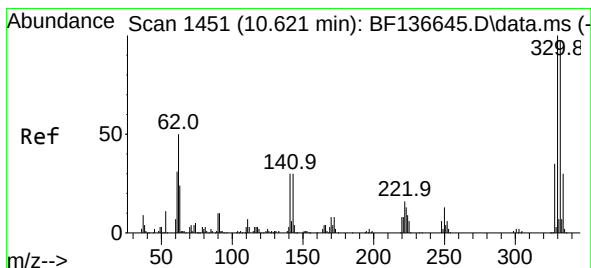
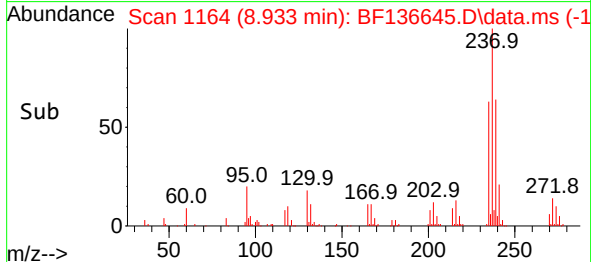
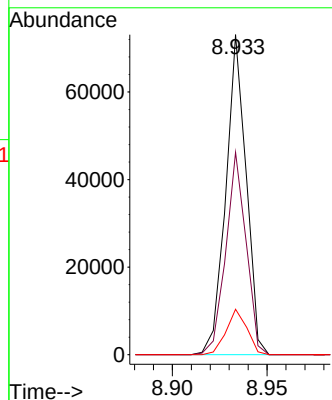
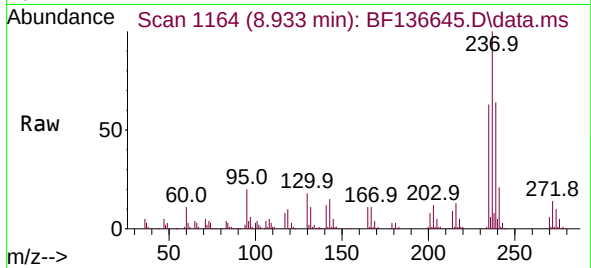




#41
Hexachlorocyclopentadiene
Concen: 39.562 ng
RT: 8.933 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

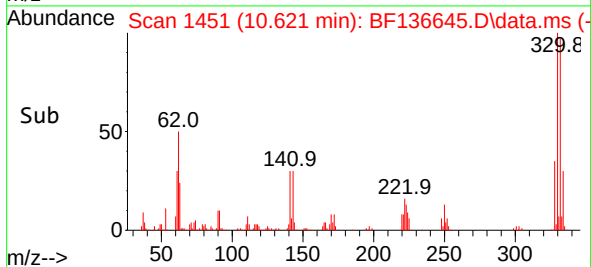
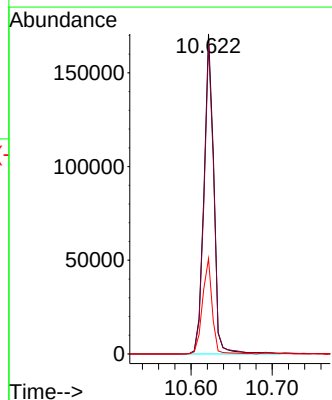
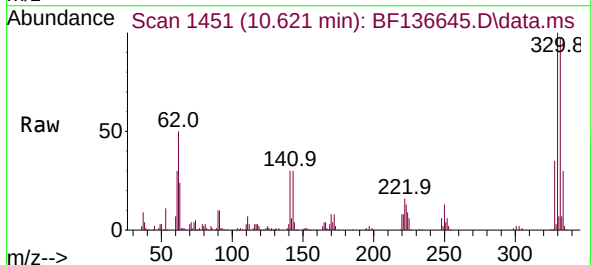
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

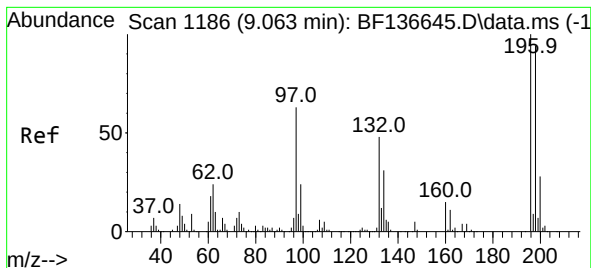
Tgt Ion:237 Resp: 54570
Ion Ratio Lower Upper
237 100
235 63.2 43.2 83.2
272 14.2 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 81.475 ng
RT: 10.621 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

Tgt Ion:330 Resp: 143612
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.0
141 29.3 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 41.159 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF136645.D

Acq: 20 Dec 2023 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

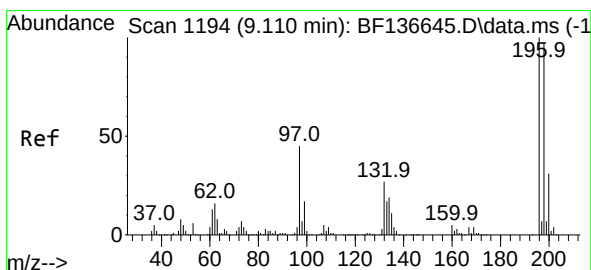
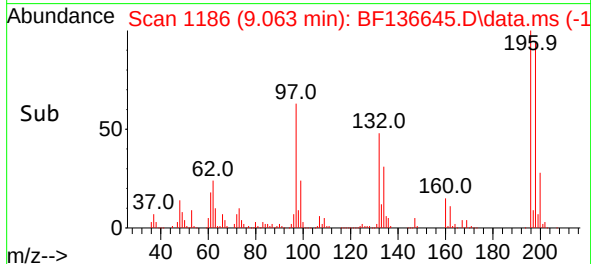
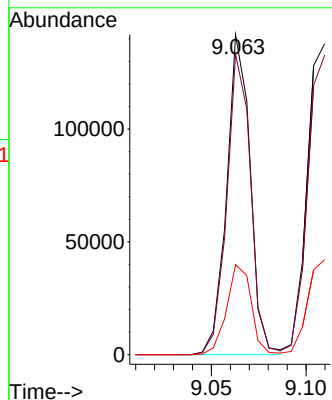
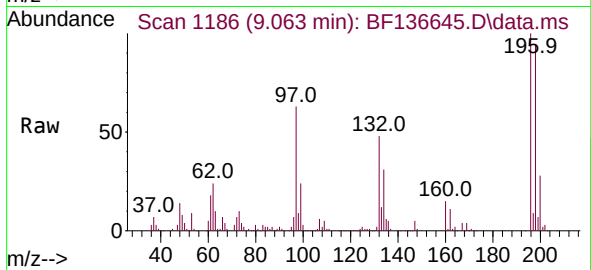
Tgt Ion:196 Resp: 122348

Ion Ratio Lower Upper

196 100

198 93.9 75.1 112.7

200 28.1 22.5 33.7



#44

2,4,5-Trichlorophenol

Concen: 41.084 ng

RT: 9.110 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF136645.D

Acq: 20 Dec 2023 12:30

Tgt Ion:196 Resp: 136092

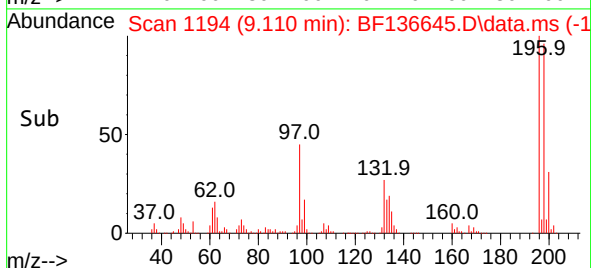
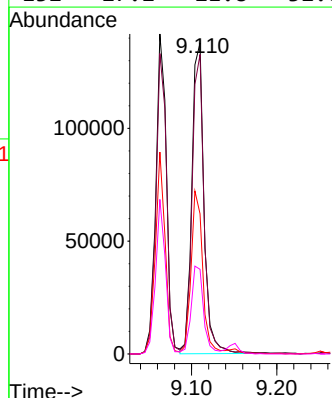
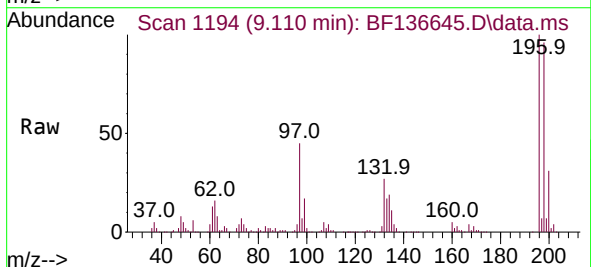
Ion Ratio Lower Upper

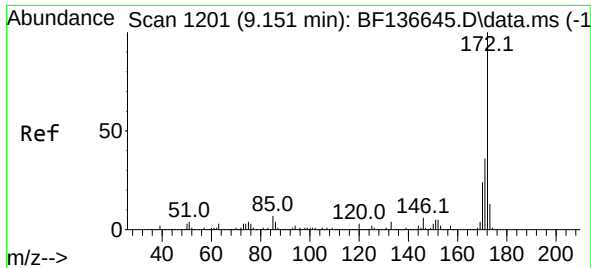
196 100

198 96.3 77.0 115.6

97 45.1 36.1 54.1

132 27.2 21.8 32.6

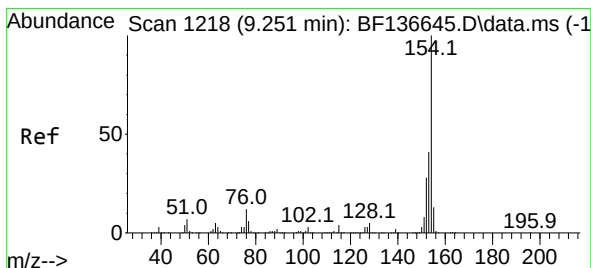
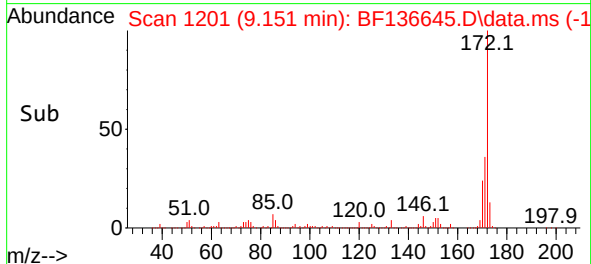
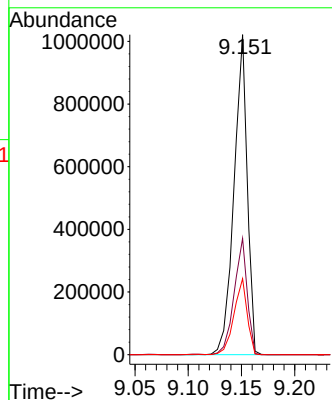
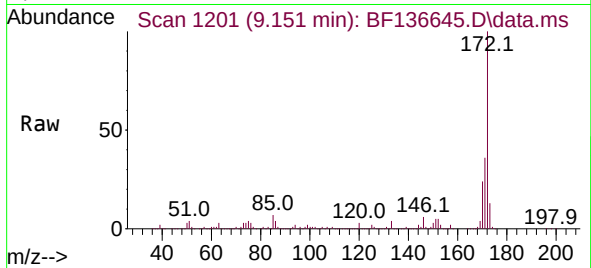




#45
2-Fluorobiphenyl
Concen: 79.326 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

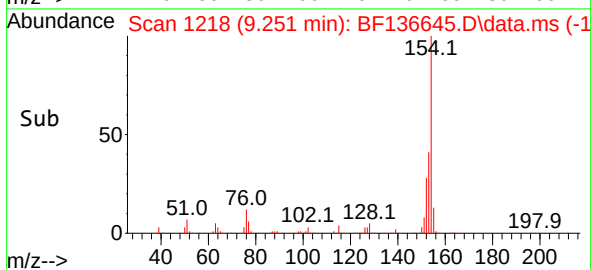
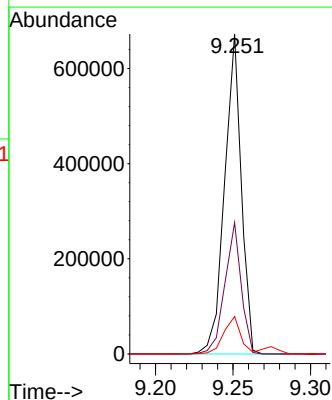
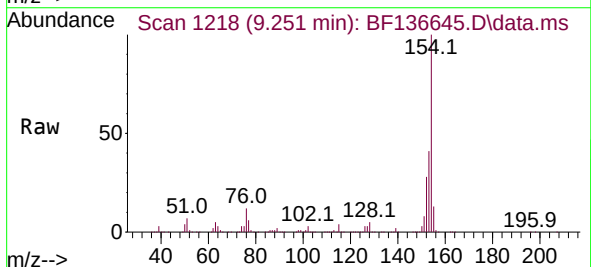
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

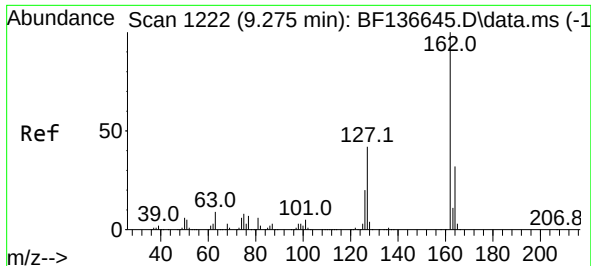
Tgt Ion:172 Resp: 882714
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.6
170 23.7 19.0 28.4



#46
1,1'-Biphenyl
Concen: 40.061 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

Tgt Ion:154 Resp: 503138
Ion Ratio Lower Upper
154 100
153 41.1 21.1 61.1
76 11.7 0.0 31.7

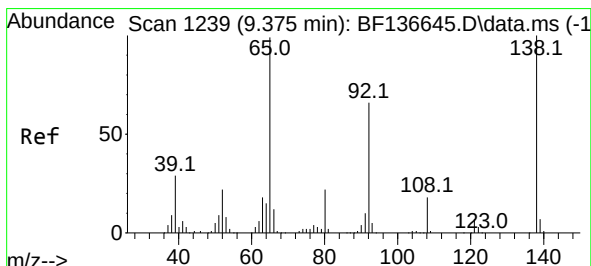
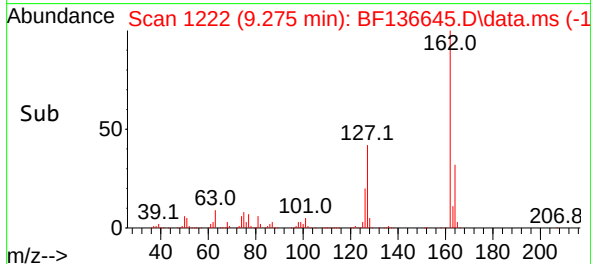
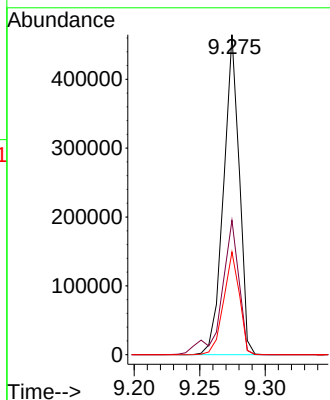
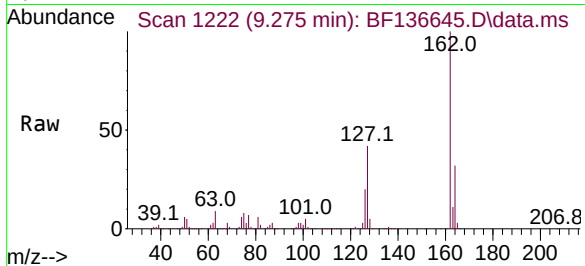




#47
2-Chloronaphthalene
Concen: 40.404 ng
RT: 9.275 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

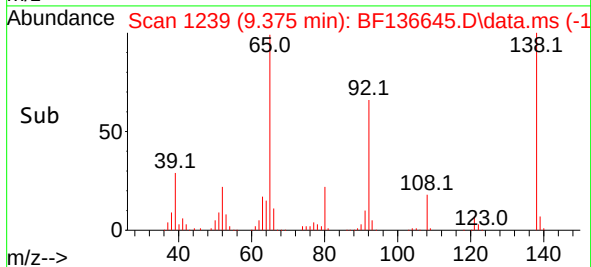
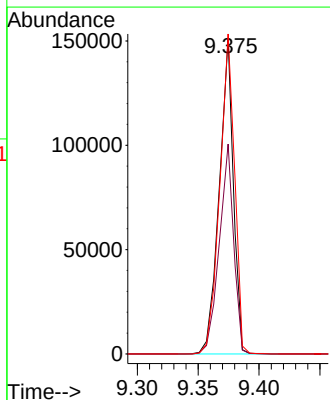
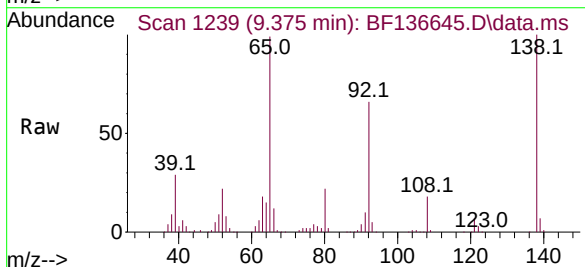
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

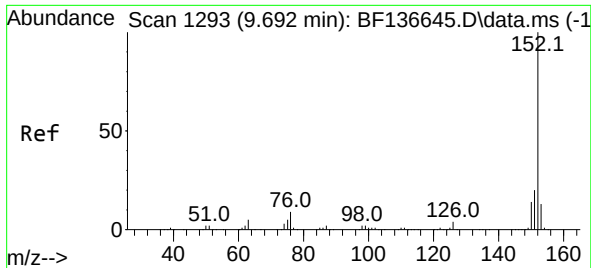
Tgt Ion:162 Resp: 385764
Ion Ratio Lower Upper
162 100
127 42.0 33.6 50.4
164 32.1 25.7 38.5



#48
2-Nitroaniline
Concen: 40.931 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

Tgt Ion: 65 Resp: 122377
Ion Ratio Lower Upper
65 100
92 66.5 53.2 79.8
138 101.4 81.1 121.7





#49

Acenaphthylene

Concen: 40.691 ng

RT: 9.692 min Scan# 1293

Delta R.T. 0.000 min

Lab File: BF136645.D

Acq: 20 Dec 2023 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

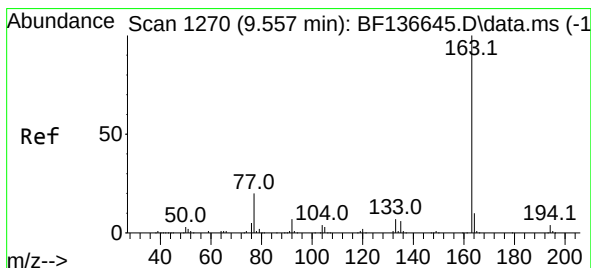
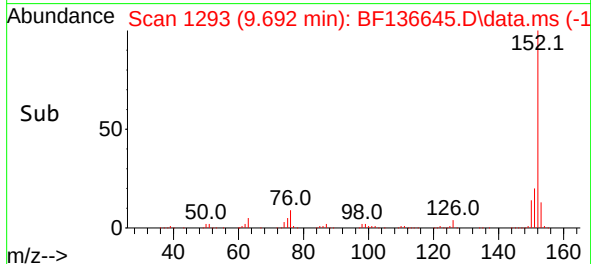
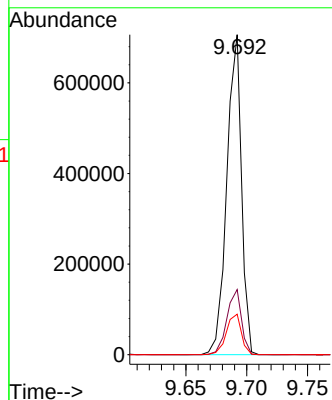
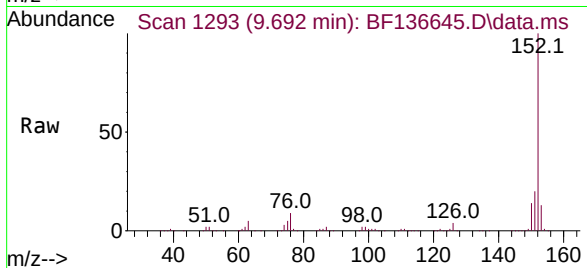
Tgt Ion:152 Resp: 593833

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

153 12.7 10.2 15.2



#50

Dimethylphthalate

Concen: 40.072 ng

RT: 9.557 min Scan# 1270

Delta R.T. 0.000 min

Lab File: BF136645.D

Acq: 20 Dec 2023 12:30

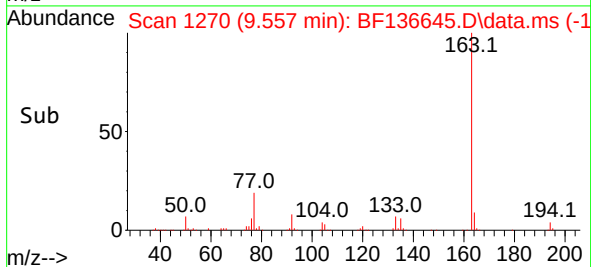
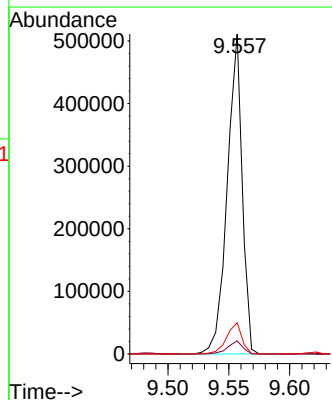
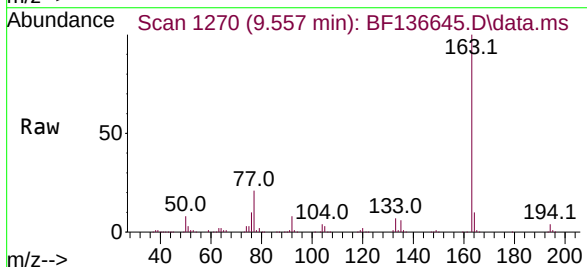
Tgt Ion:163 Resp: 438063

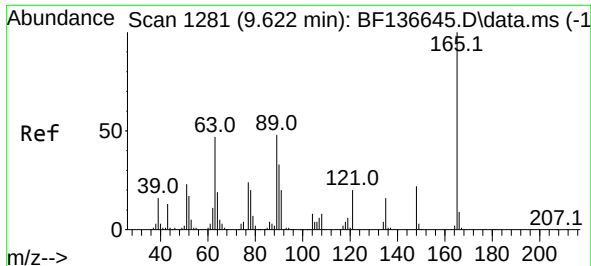
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 9.7 7.8 11.6

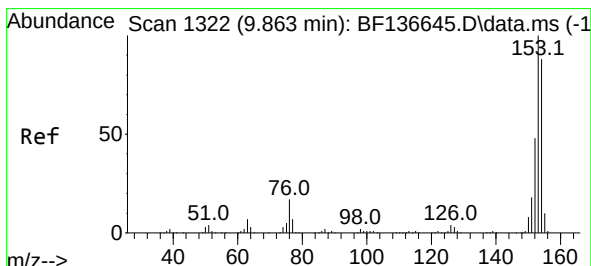
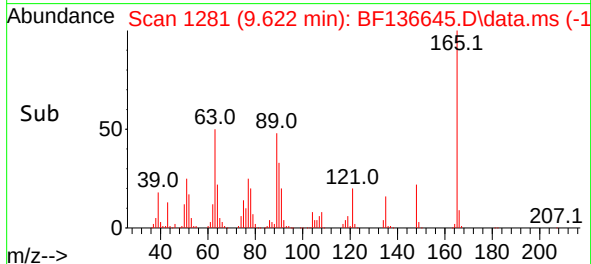
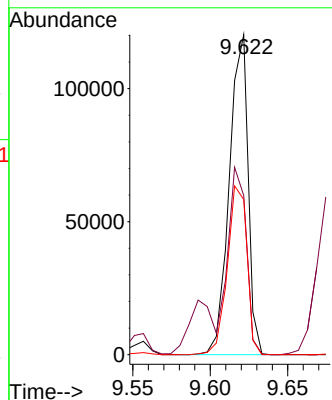
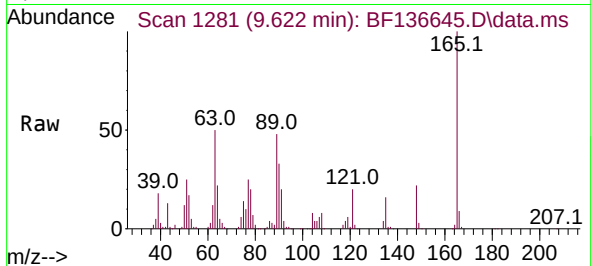




#51
2,6-Dinitrotoluene
Concen: 40.888 ng
RT: 9.622 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

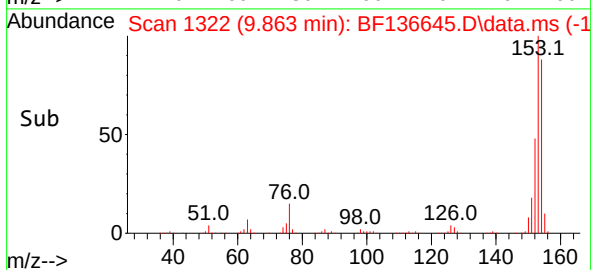
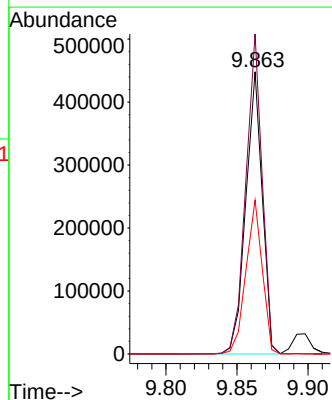
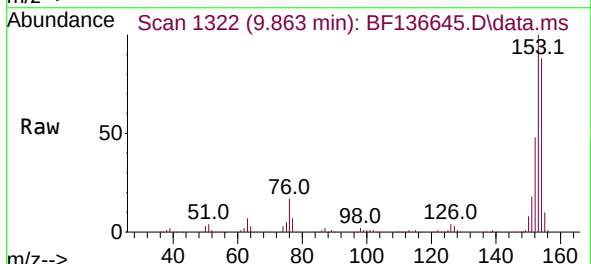
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

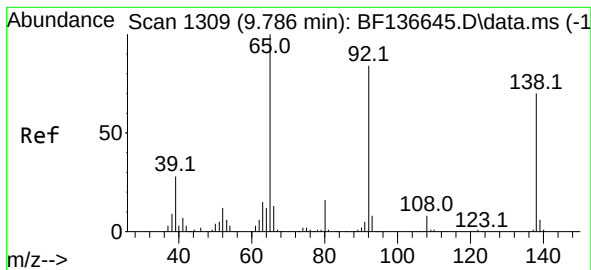
Tgt Ion:165 Resp: 101443
Ion Ratio Lower Upper
165 100
63 49.7 39.8 59.6
89 48.5 38.8 58.2



#52
Acenaphthene
Concen: 40.220 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

Tgt Ion:154 Resp: 363838
Ion Ratio Lower Upper
154 100
153 113.4 90.7 136.1
152 54.6 43.7 65.5





#53

3-Nitroaniline

Concen: 41.445 ng

RT: 9.786 min Scan# 1309

Delta R.T. 0.000 min

Lab File: BF136645.D

Acq: 20 Dec 2023 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

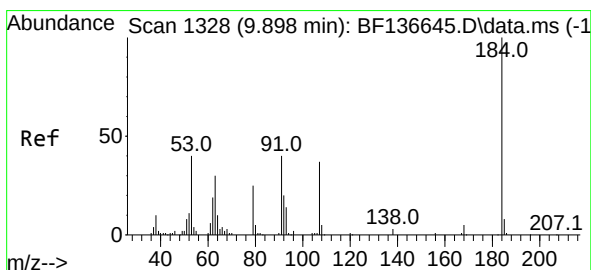
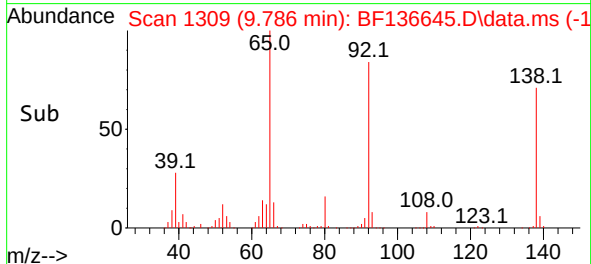
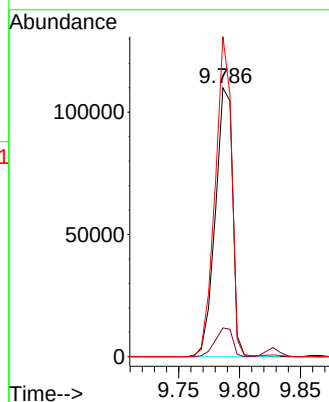
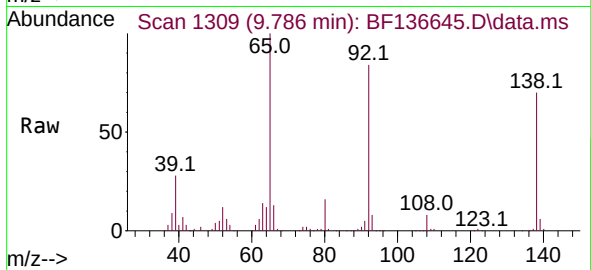
Tgt Ion:138 Resp: 108925

Ion Ratio Lower Upper

138 100

108 10.7 8.6 12.8

92 119.0 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 41.853 ng

RT: 9.898 min Scan# 1328

Delta R.T. 0.000 min

Lab File: BF136645.D

Acq: 20 Dec 2023 12:30

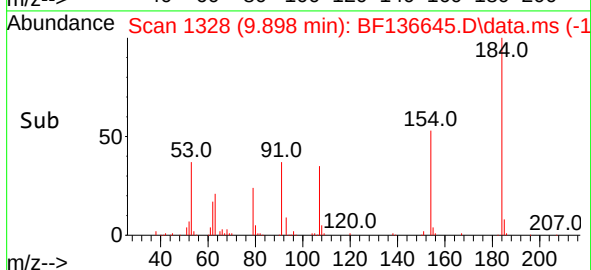
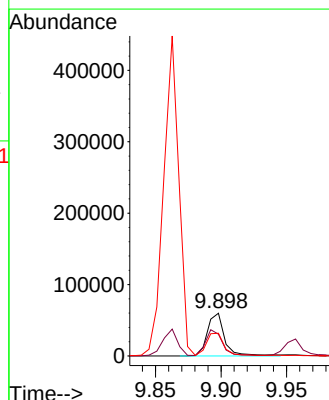
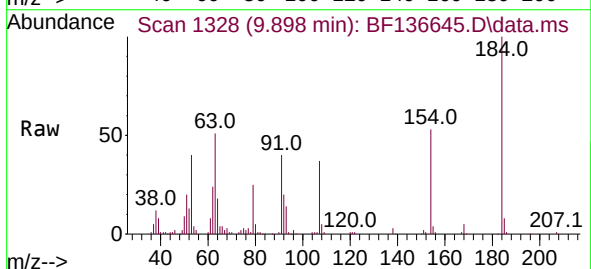
Tgt Ion:184 Resp: 54980

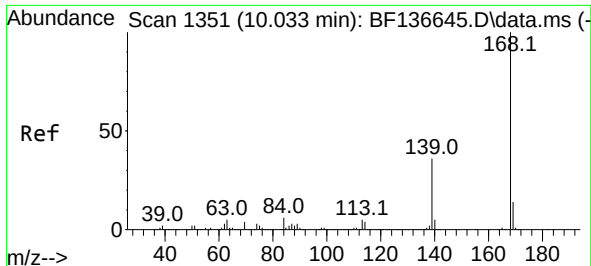
Ion Ratio Lower Upper

184 100

63 51.1 40.9 61.3

154 53.4 42.7 64.1

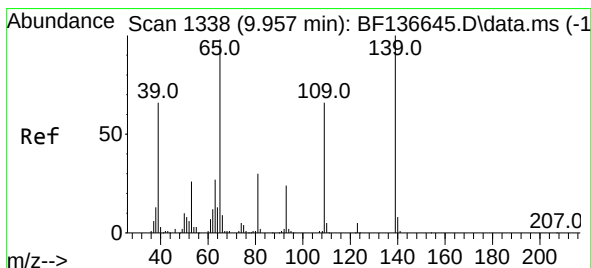
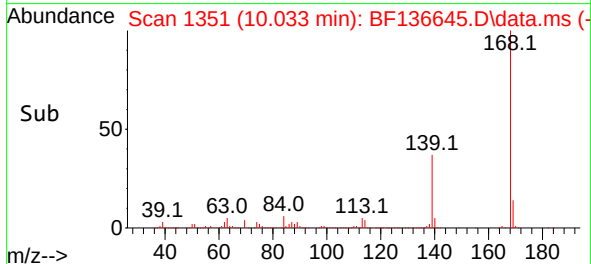
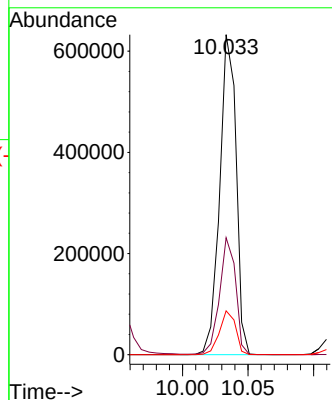
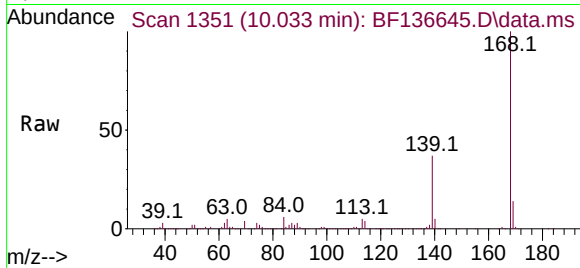




#55
Dibenzenofuran
Concen: 40.053 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

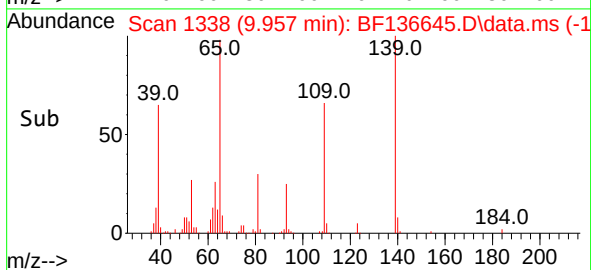
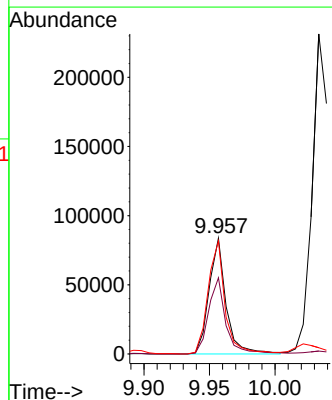
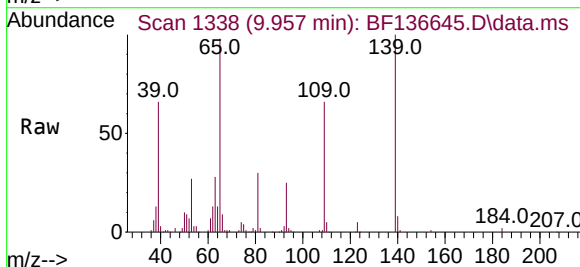
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

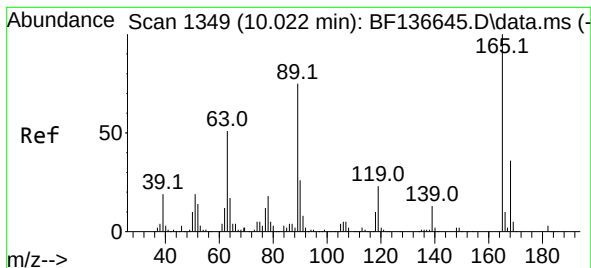
Tgt Ion:168 Resp: 549249
Ion Ratio Lower Upper
168 100
139 36.6 29.3 43.9
169 13.7 11.0 16.4



#56
4-Nitrophenol
Concen: 42.598 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

Tgt Ion:139 Resp: 75576
Ion Ratio Lower Upper
139 100
109 65.8 45.8 85.8
65 97.8 77.8 117.8

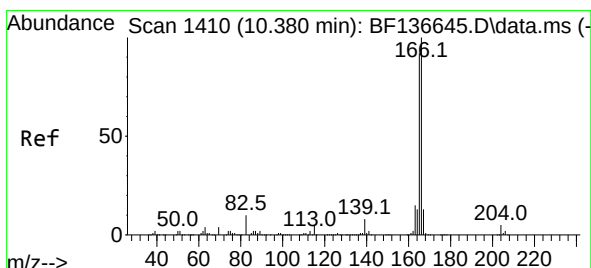
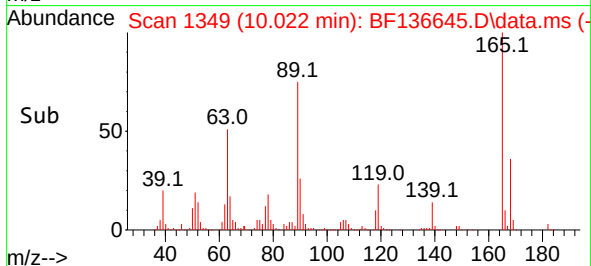
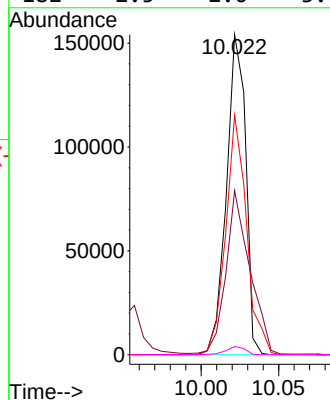
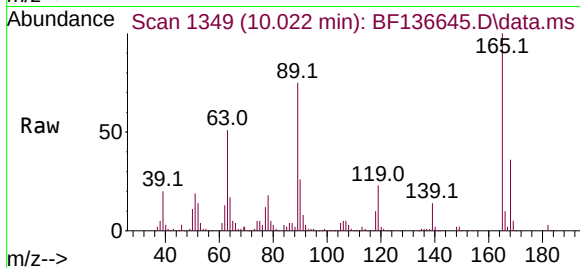




#57
2,4-Dinitrotoluene
Concen: 41.425 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

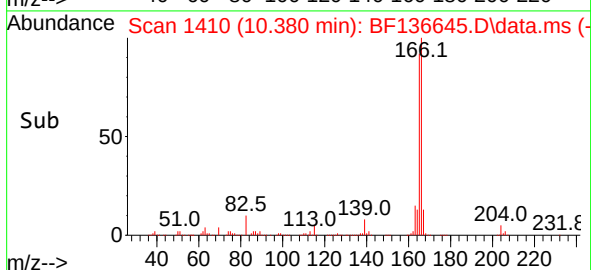
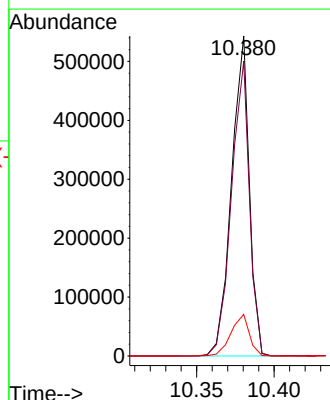
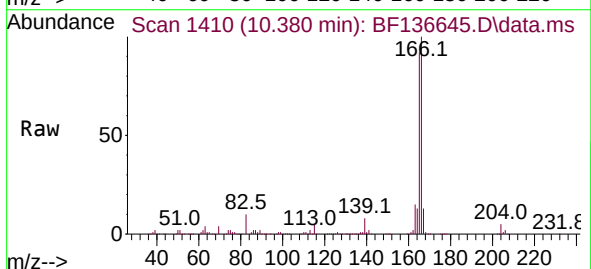
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

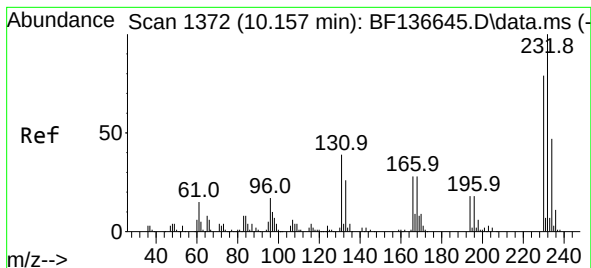
Tgt Ion:165 Resp: 133423
Ion Ratio Lower Upper
165 100
63 51.3 41.0 61.6
89 74.9 59.9 89.9
182 2.5 2.0 3.0



#58
Fluorene
Concen: 39.920 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

Tgt Ion:166 Resp: 434356
Ion Ratio Lower Upper
166 100
165 92.1 73.7 110.5
167 13.0 10.4 15.6

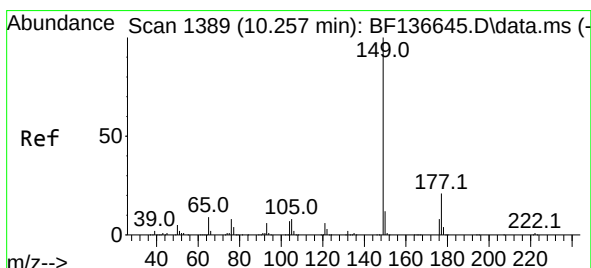
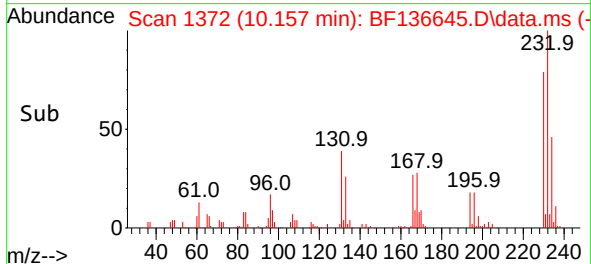
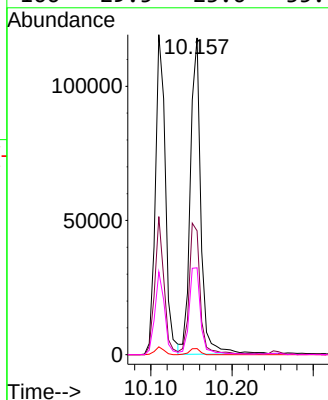
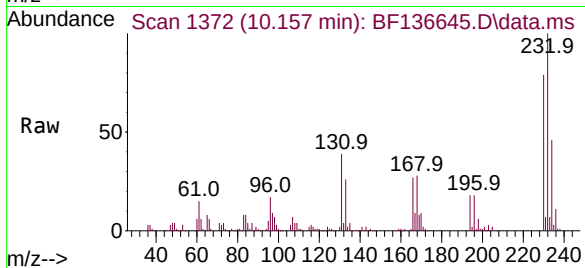




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.453 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

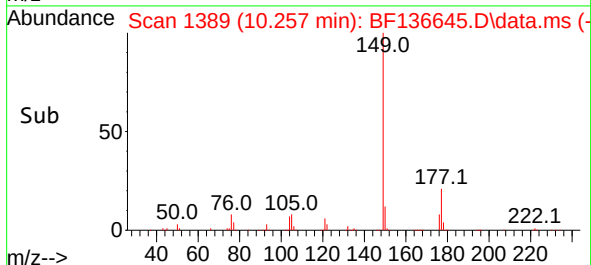
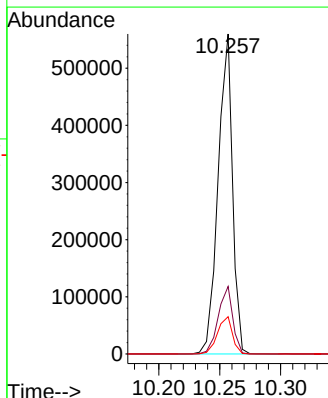
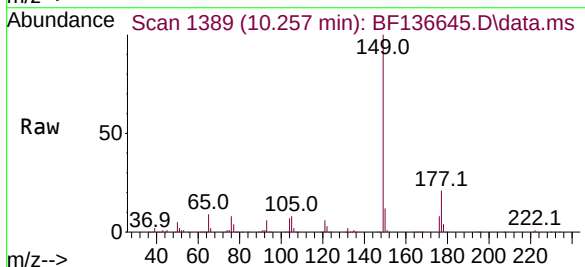
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

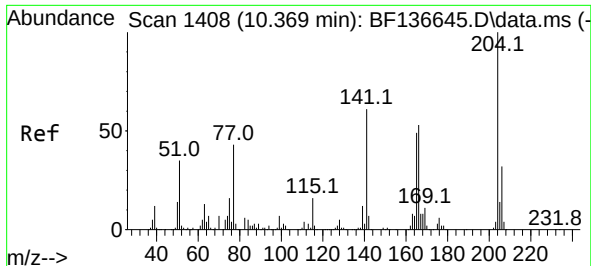
Tgt Ion:232 Resp: 106442
Ion Ratio Lower Upper
232 100
131 43.9 35.1 52.7
130 2.0 1.6 2.4
166 29.5 23.6 35.4



#60
Diethylphthalate
Concen: 40.608 ng
RT: 10.257 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

Tgt Ion:149 Resp: 460599
Ion Ratio Lower Upper
149 100
177 21.1 16.9 25.3
150 11.6 9.3 13.9

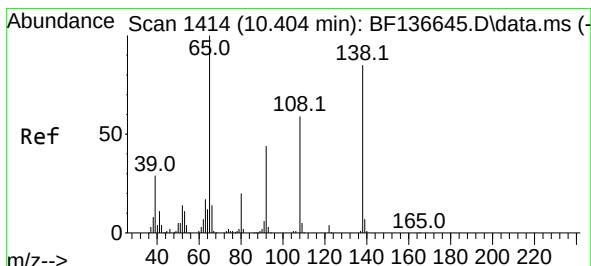
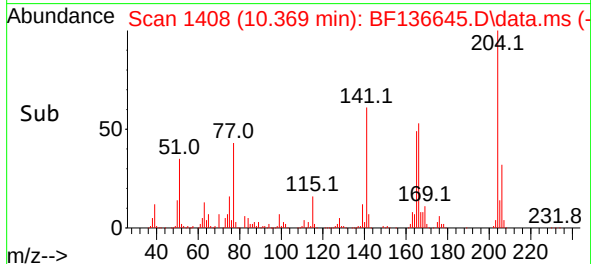
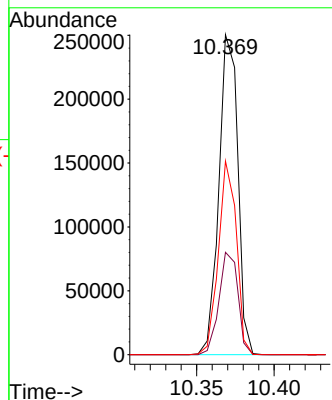
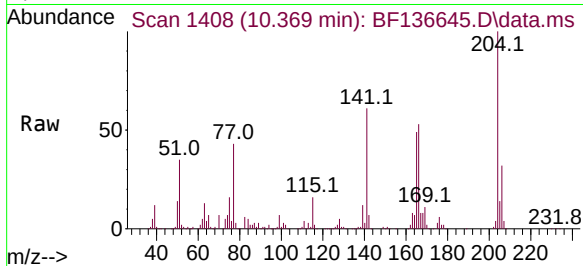




#61
4-Chlorophenyl-phenylether
Concen: 40.218 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

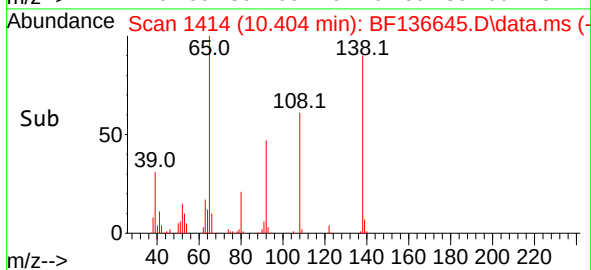
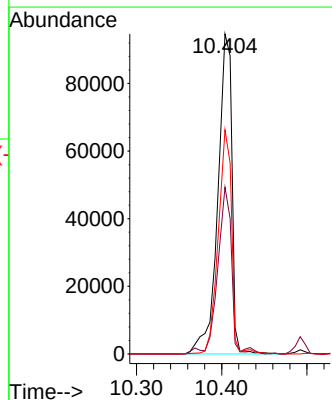
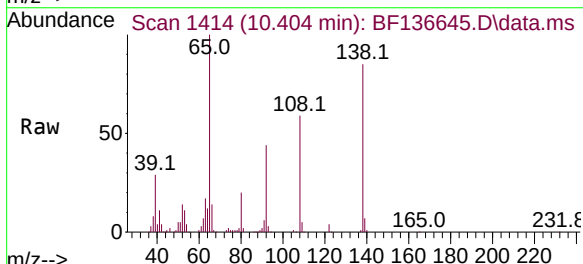
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

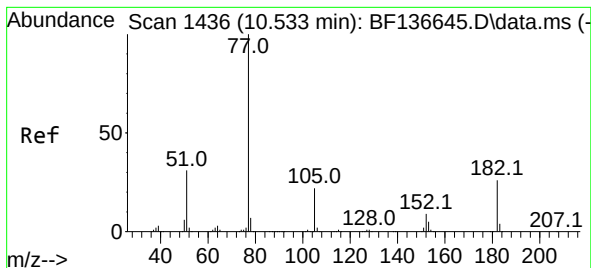
Tgt Ion:204 Resp: 212701
Ion Ratio Lower Upper
204 100
206 32.0 25.6 38.4
141 60.5 48.4 72.6



#62
4-Nitroaniline
Concen: 41.786 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

Tgt Ion:138 Resp: 108488
Ion Ratio Lower Upper
138 100
92 52.1 32.1 72.1
108 70.1 50.1 90.1





#63

Azobenzene

Concen: 40.153 ng

RT: 10.533 min Scan# 1436

Delta R.T. 0.000 min

Lab File: BF136645.D

Acq: 20 Dec 2023 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 77 Resp: 425387

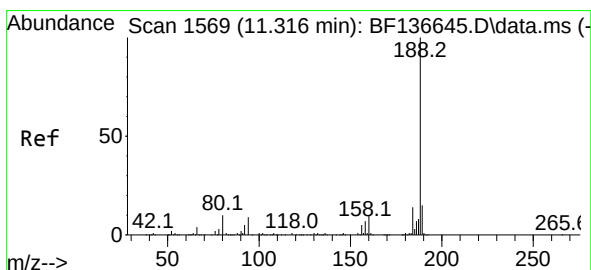
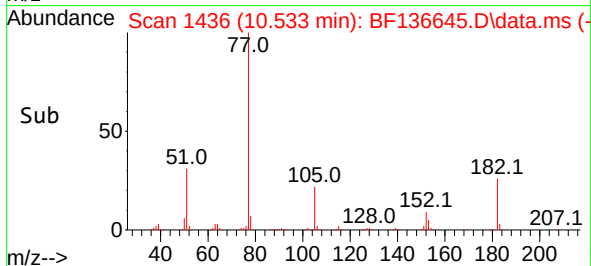
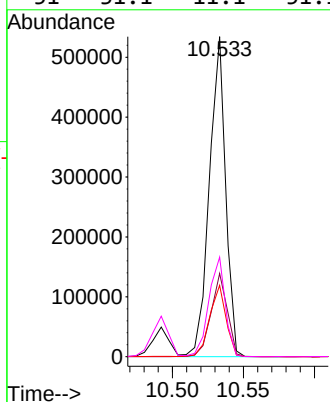
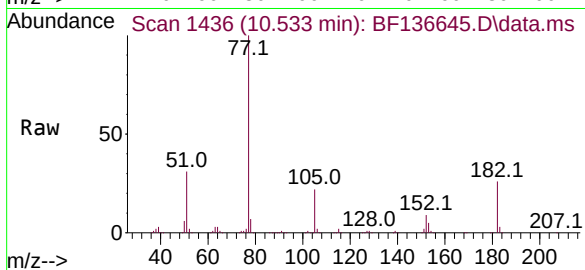
Ion Ratio Lower Upper

77 100

182 26.0 6.0 46.0

105 22.3 2.3 42.3

51 31.1 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1569

Delta R.T. 0.000 min

Lab File: BF136645.D

Acq: 20 Dec 2023 12:30

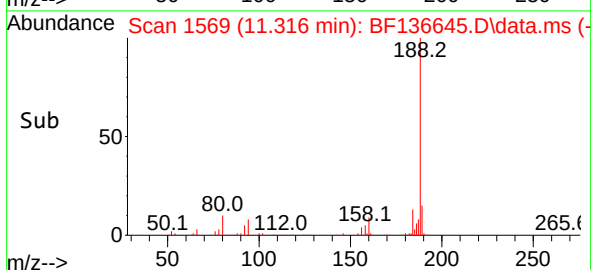
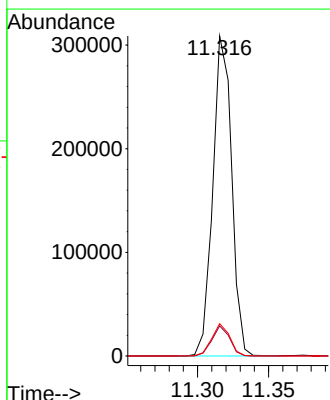
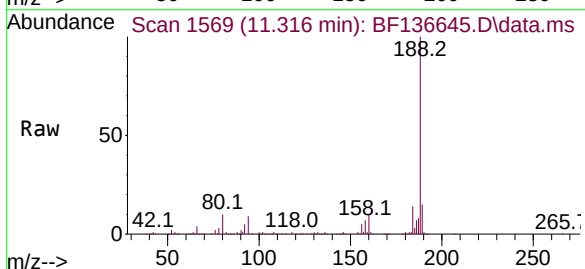
Tgt Ion: 188 Resp: 284111

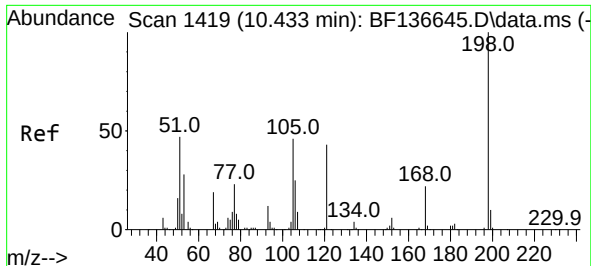
Ion Ratio Lower Upper

188 100

94 9.4 7.5 11.3

80 10.1 8.1 12.1

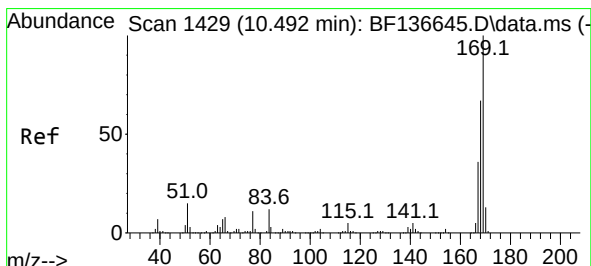
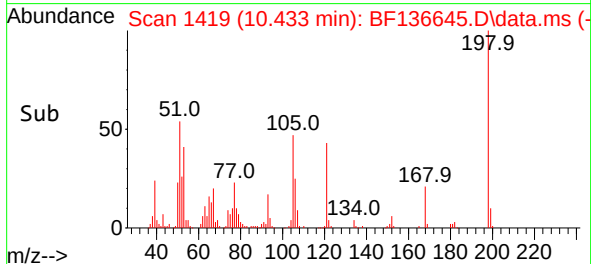
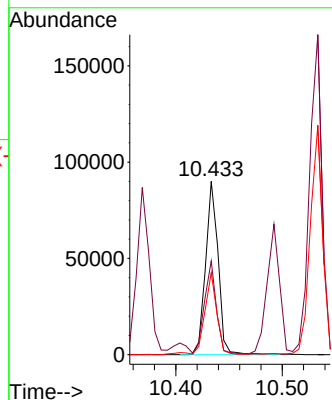
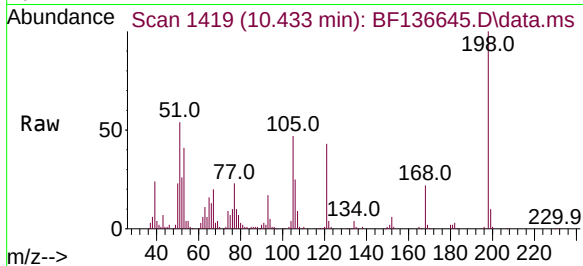




#65
4,6-Dinitro-2-methylphenol
Concen: 45.282 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

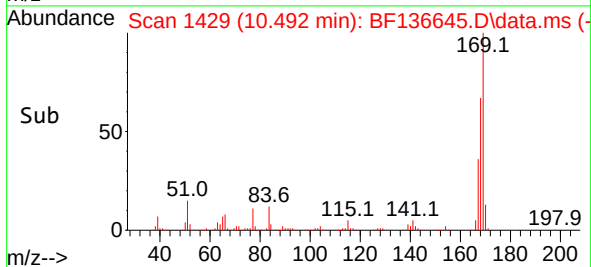
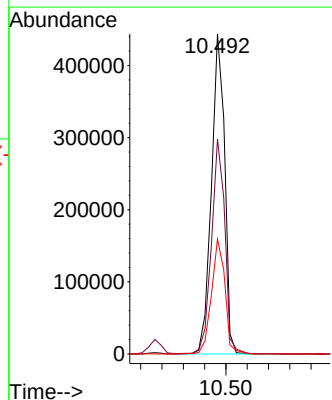
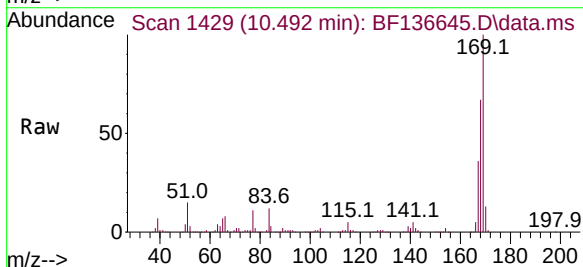
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

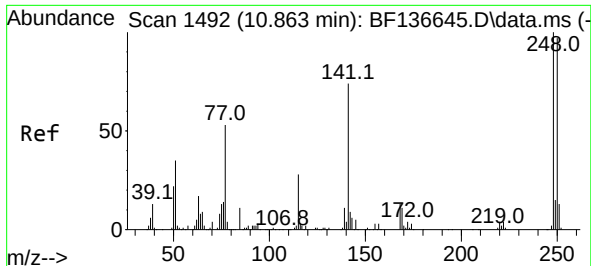
Tgt Ion:198 Resp: 73730
Ion Ratio Lower Upper
198 100
51 54.1 34.1 74.1
105 47.3 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 41.555 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

Tgt Ion:169 Resp: 383522
Ion Ratio Lower Upper
169 100
168 67.2 53.8 80.6
167 35.9 28.7 43.1

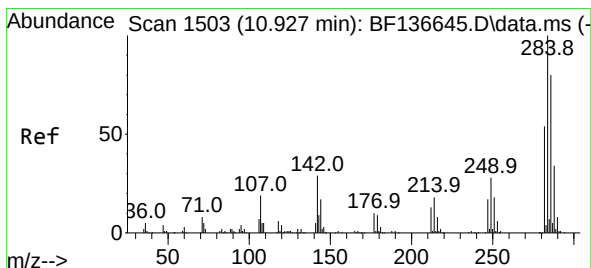
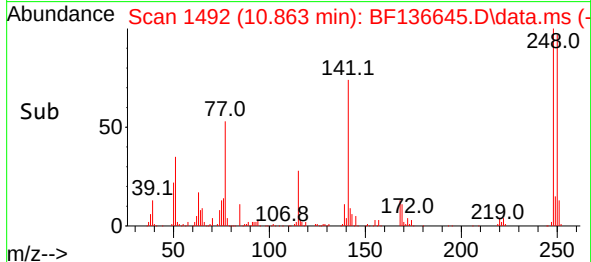
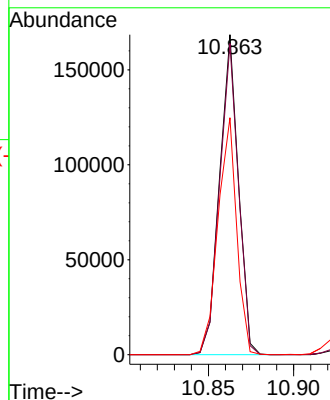
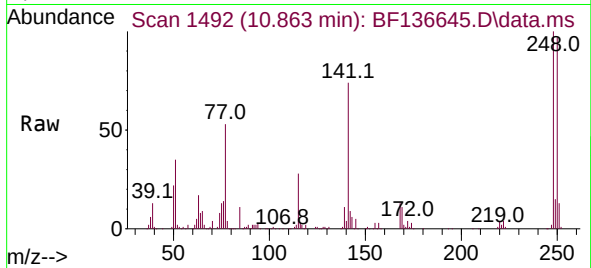




#67
4-Bromophenyl-phenylether
Concen: 41.159 ng
RT: 10.863 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

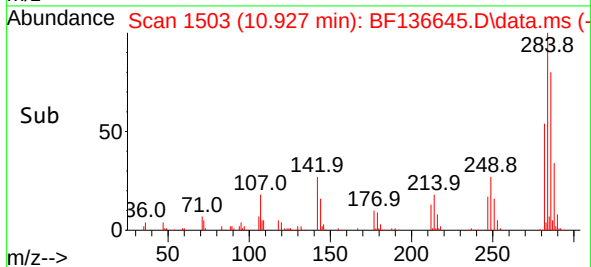
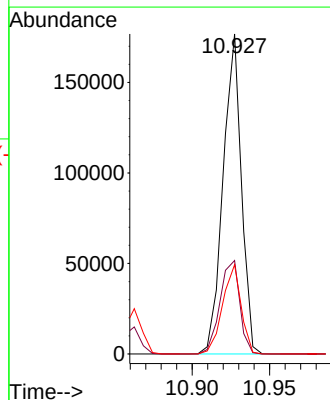
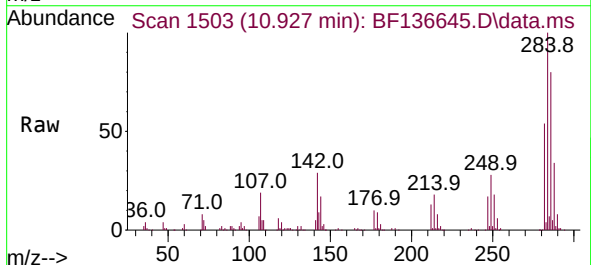
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

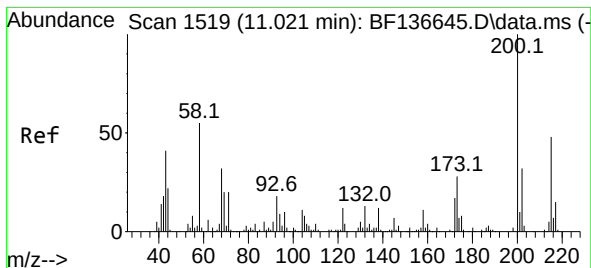
Tgt Ion:248 Resp: 129869
Ion Ratio Lower Upper
248 100
250 97.2 77.8 116.6
141 74.0 59.2 88.8



#68
Hexachlorobenzene
Concen: 41.151 ng
RT: 10.927 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

Tgt Ion:284 Resp: 144698
Ion Ratio Lower Upper
284 100
142 29.2 23.4 35.0
249 27.9 22.3 33.5





#69

Atrazine

Concen: 34.638 ng

RT: 11.021 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF136645.D

Acq: 20 Dec 2023 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

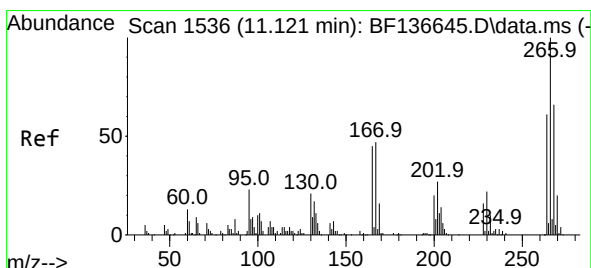
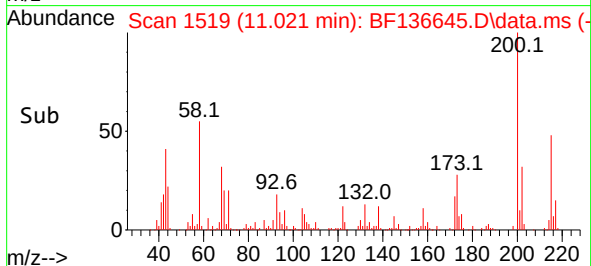
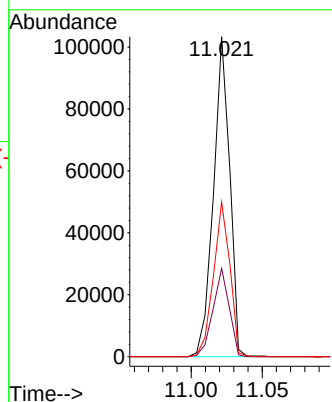
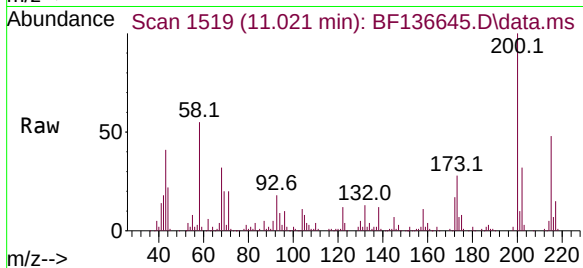
Tgt Ion:200 Resp: 81765

Ion Ratio Lower Upper

200 100

173 27.6 7.6 47.6

215 48.3 28.3 68.3



#70

Pentachlorophenol

Concen: 44.991 ng

RT: 11.121 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF136645.D

Acq: 20 Dec 2023 12:30

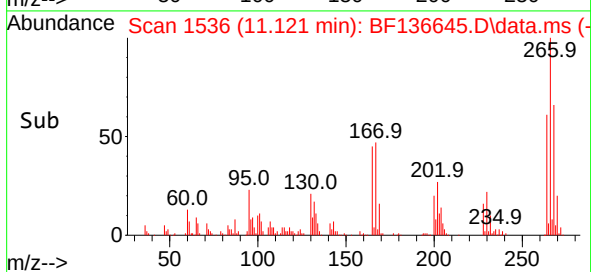
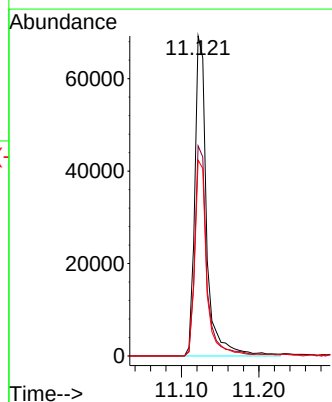
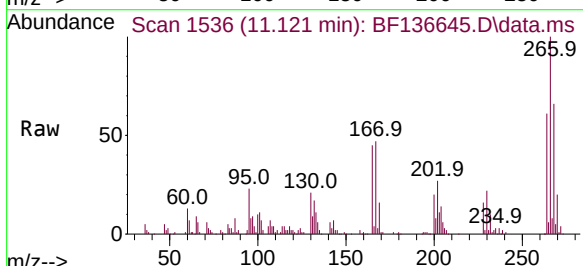
Tgt Ion:266 Resp: 73739

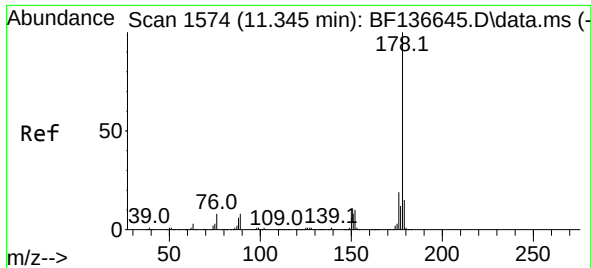
Ion Ratio Lower Upper

266 100

268 65.7 52.6 78.8

264 61.2 49.0 73.4

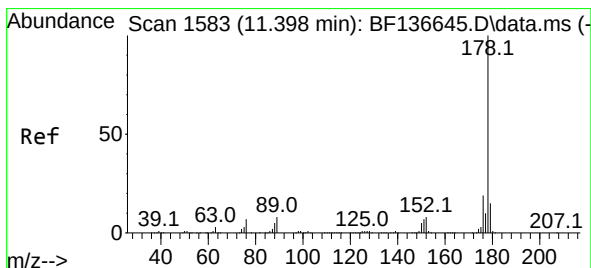
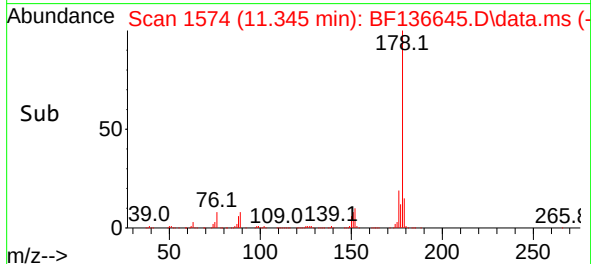
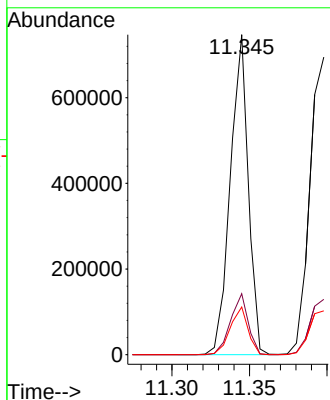
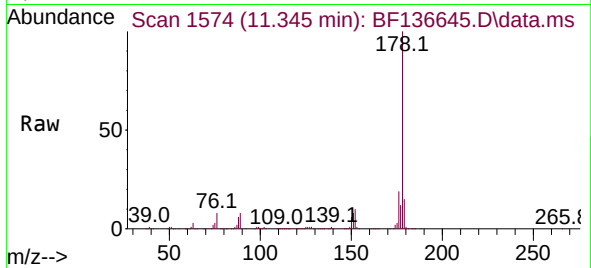




#71
Phenanthrene
Concen: 41.387 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

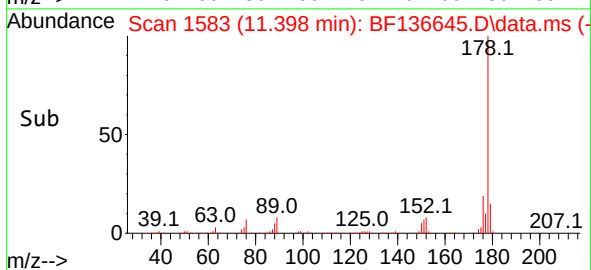
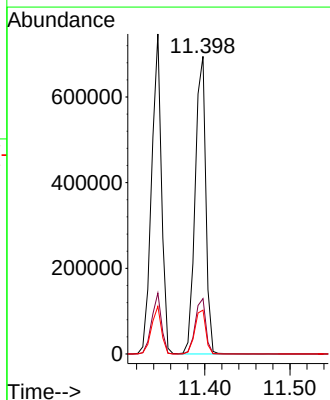
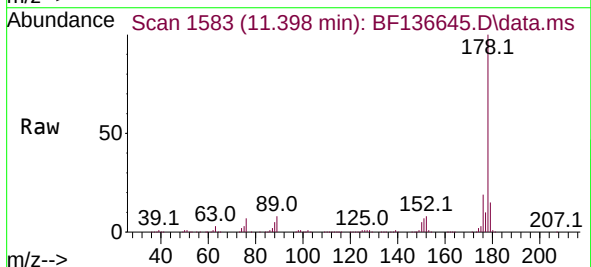
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

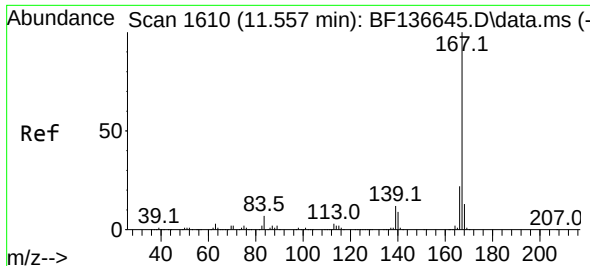
Tgt Ion:178 Resp: 603342
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 14.9 11.9 17.9



#72
Anthracene
Concen: 40.753 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

Tgt Ion:178 Resp: 601653
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 14.7 11.8 17.6

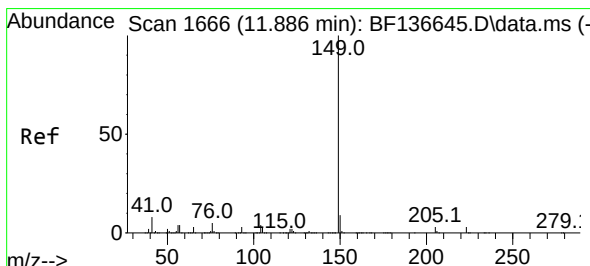
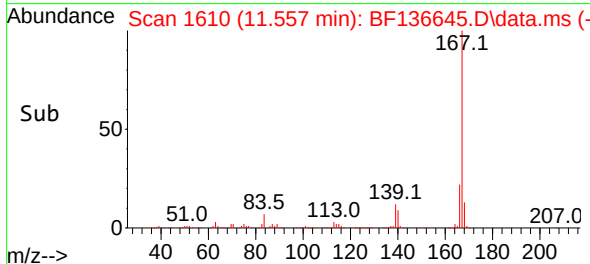
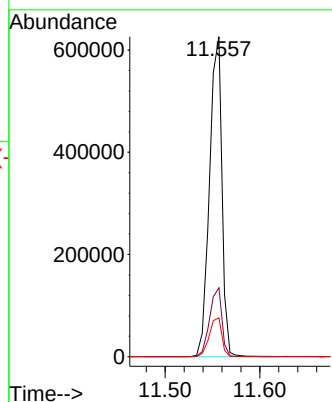
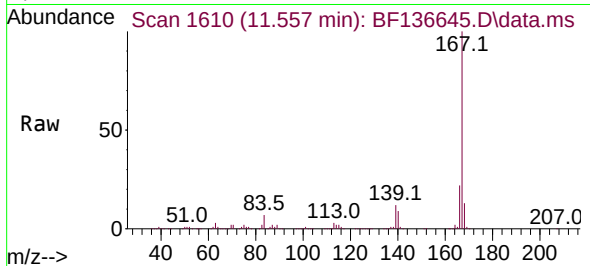




#73
 Carbazole
 Concen: 40.980 ng
 RT: 11.557 min Scan# 1610
 Delta R.T. 0.000 min
 Lab File: BF136645.D
 Acq: 20 Dec 2023 12:30

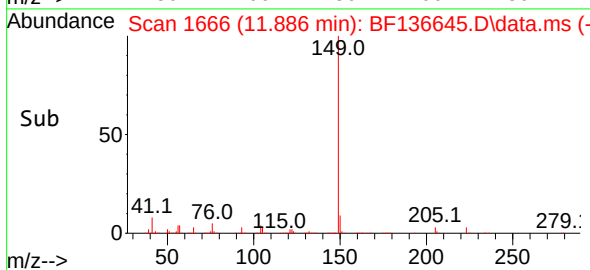
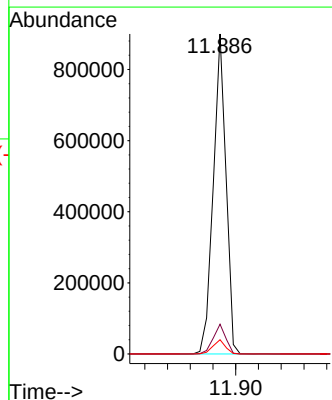
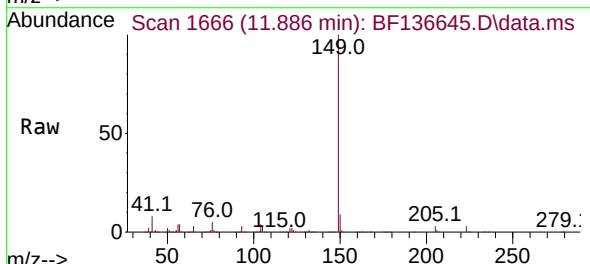
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

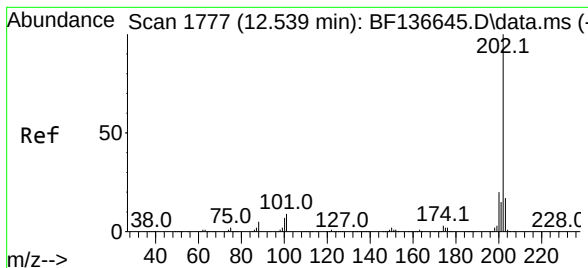
Tgt Ion:167 Resp: 570413
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.3 25.9
 139 12.2 9.8 14.6



#74
 Di-n-butylphthalate
 Concen: 40.977 ng
 RT: 11.886 min Scan# 1666
 Delta R.T. 0.000 min
 Lab File: BF136645.D
 Acq: 20 Dec 2023 12:30

Tgt Ion:149 Resp: 695991
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 4.5 3.6 5.4

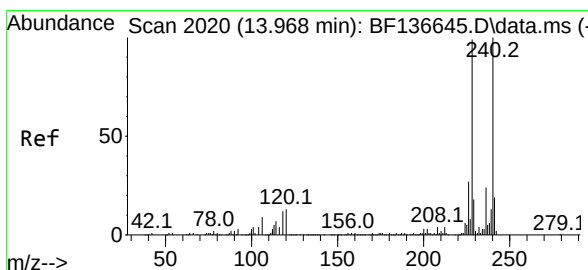
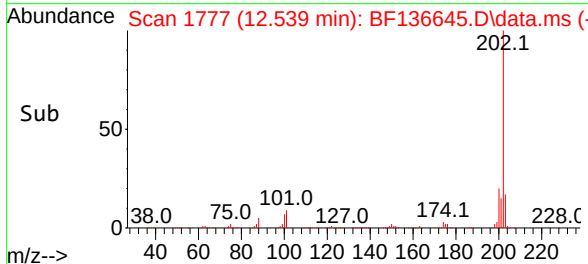
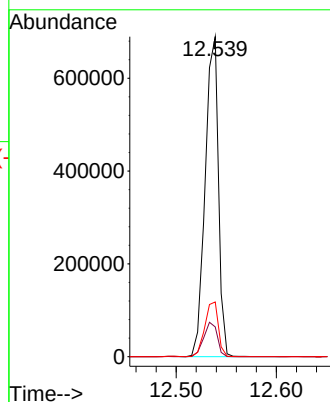
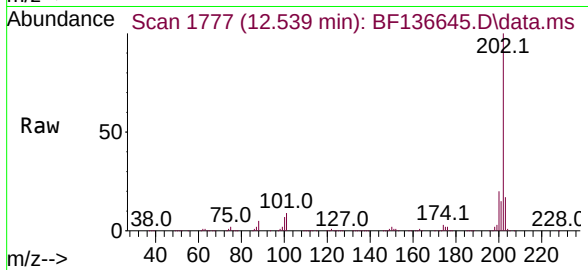




#75
Fluoranthene
Concen: 40.761 ng
RT: 12.539 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

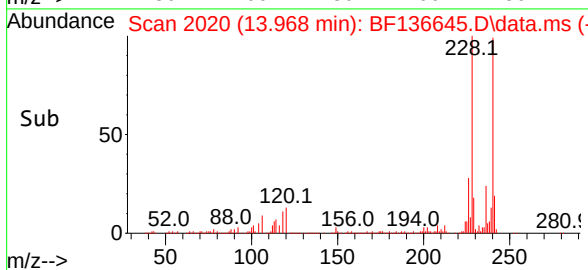
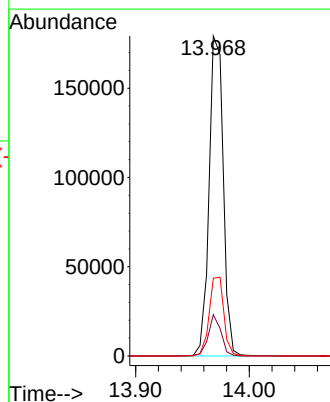
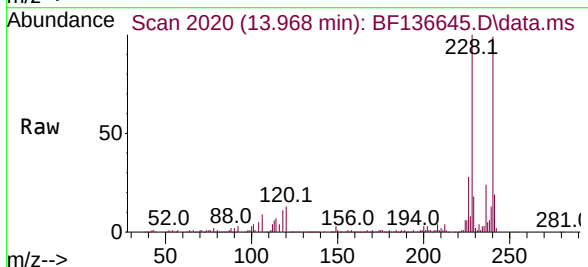
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

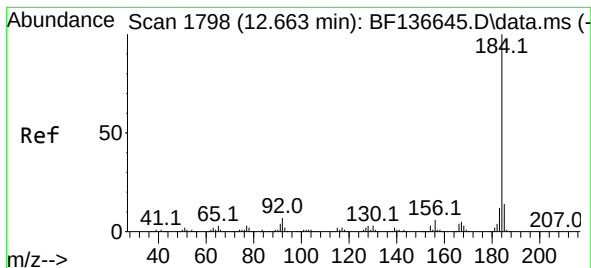
Tgt Ion:202 Resp: 635597
Ion Ratio Lower Upper
202 100
101 9.3 0.0 29.3
203 17.1 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

Tgt Ion:240 Resp: 155152
Ion Ratio Lower Upper
240 100
120 12.9 10.3 15.5
236 24.3 19.4 29.2





#77

Benzidine

Concen: 37.955 ng

RT: 12.663 min Scan# 1798

Delta R.T. 0.000 min

Lab File: BF136645.D

Acq: 20 Dec 2023 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

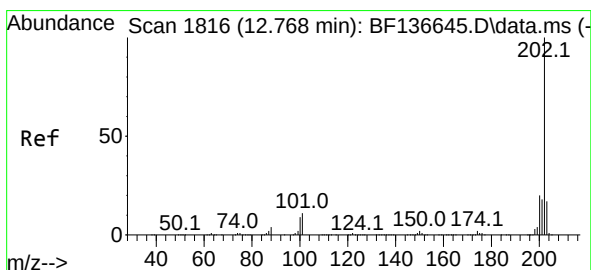
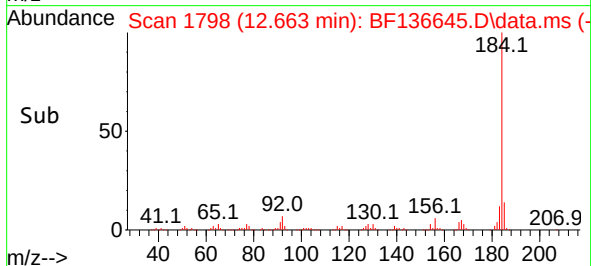
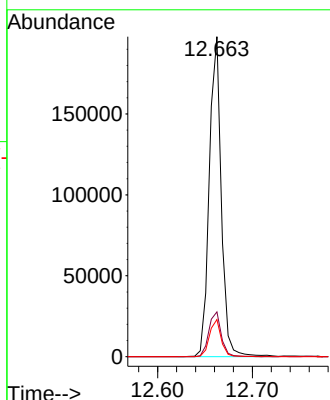
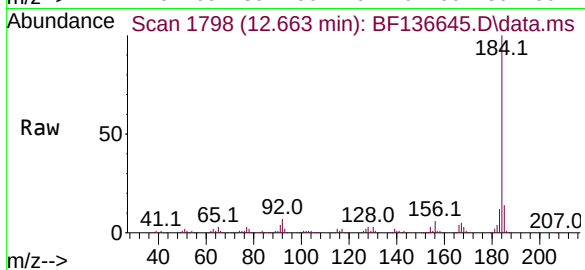
Tgt Ion:184 Resp: 173637

Ion Ratio Lower Upper

184 100

185 14.0 11.2 16.8

183 11.6 9.3 13.9



#78

Pyrene

Concen: 41.710 ng

RT: 12.768 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BF136645.D

Acq: 20 Dec 2023 12:30

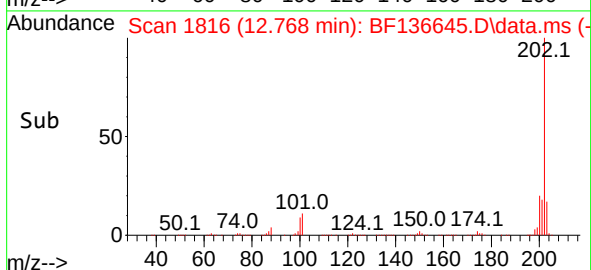
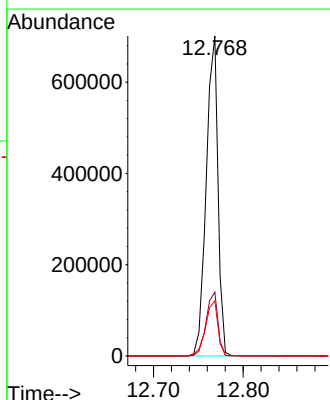
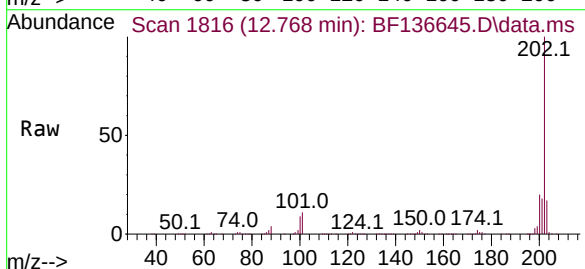
Tgt Ion:202 Resp: 635271

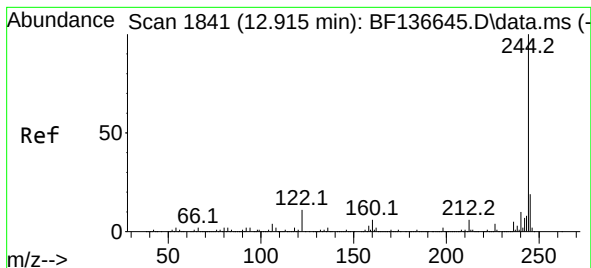
Ion Ratio Lower Upper

202 100

200 19.9 15.9 23.9

203 17.2 13.8 20.6





#79

Terphenyl-d14

Concen: 83.084 ng

RT: 12.915 min Scan# 1841

Delta R.T. 0.000 min

Lab File: BF136645.D

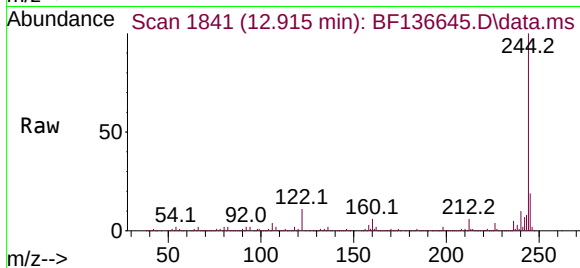
Acq: 20 Dec 2023 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



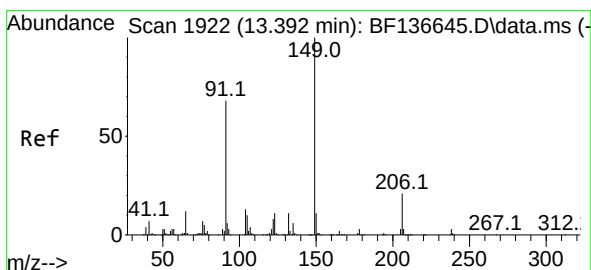
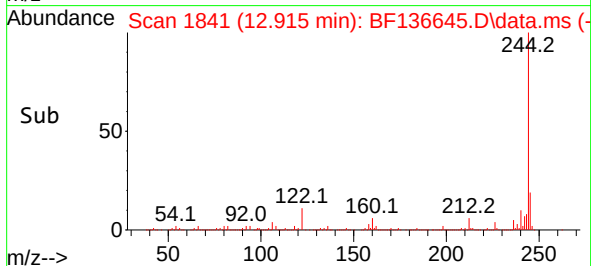
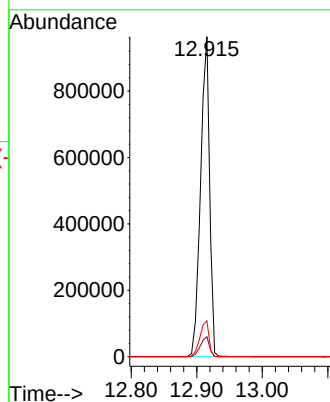
Tgt Ion:244 Resp: 922427

Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.4

122 11.2 9.0 13.4



#80

Butylbenzylphthalate

Concen: 42.293 ng

RT: 13.392 min Scan# 1922

Delta R.T. 0.000 min

Lab File: BF136645.D

Acq: 20 Dec 2023 12:30

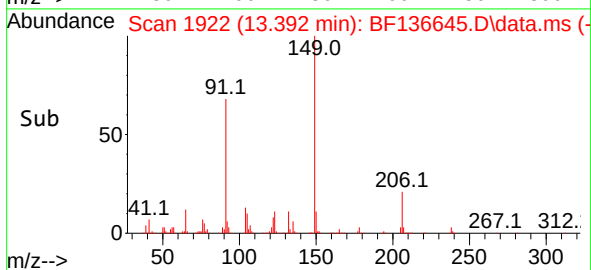
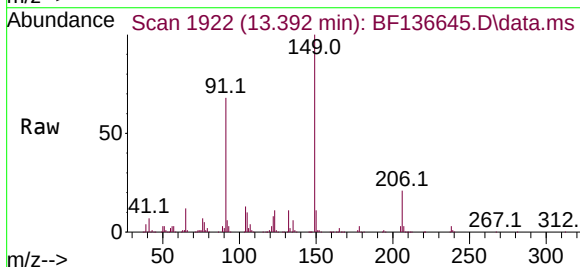
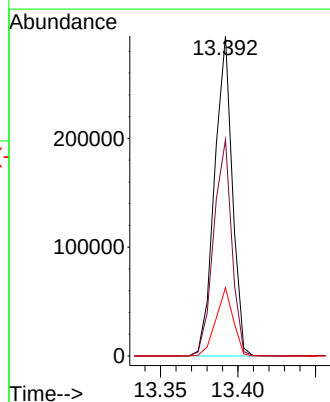
Tgt Ion:149 Resp: 234387

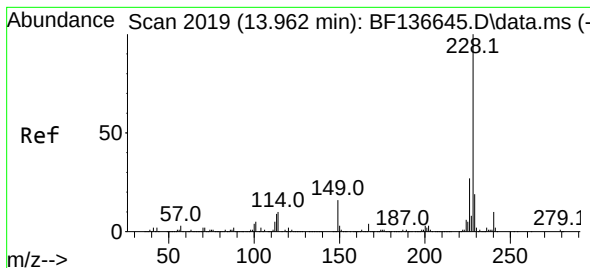
Ion Ratio Lower Upper

149 100

91 67.6 54.1 81.1

206 21.4 17.1 25.7

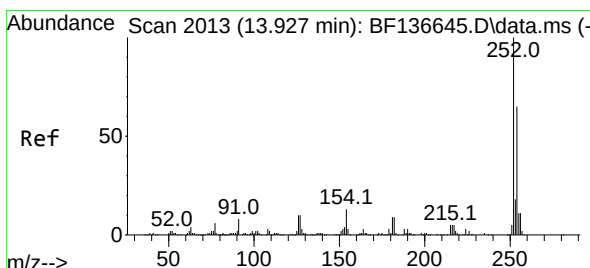
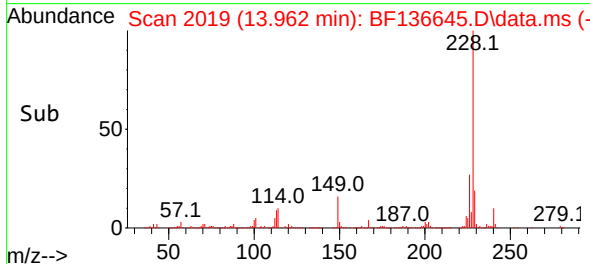
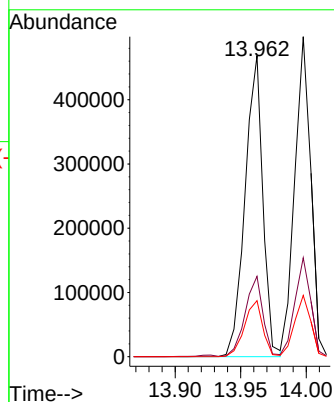
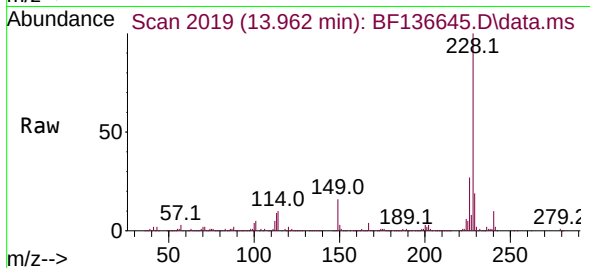




#81
Benzo(a)anthracene
Concen: 41.125 ng
RT: 13.962 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

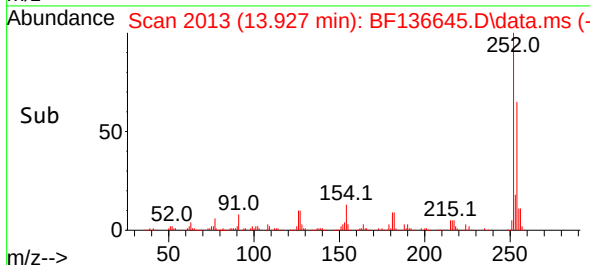
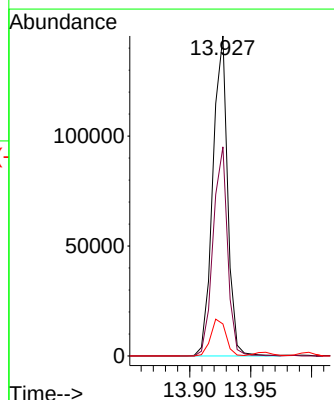
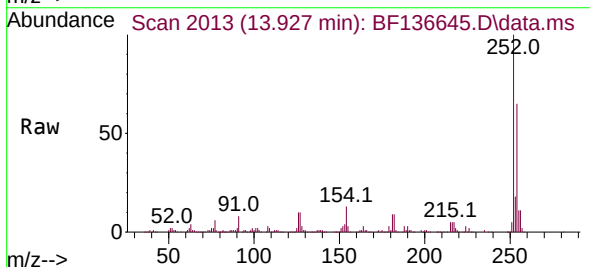
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

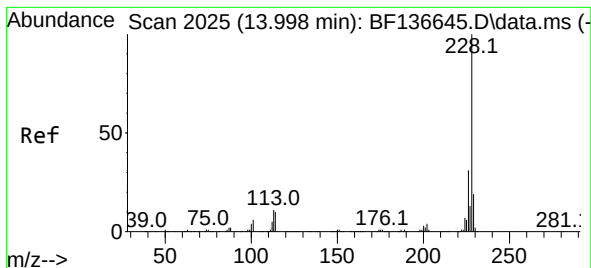
Tgt Ion:228 Resp: 443065
Ion Ratio Lower Upper
228 100
226 26.7 21.4 32.0
229 18.6 14.9 22.3



#82
3,3'-Dichlorobenzidine
Concen: 40.045 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

Tgt Ion:252 Resp: 122522
Ion Ratio Lower Upper
252 100
254 65.3 52.2 78.4
126 10.0 8.0 12.0





#83

Chrysene

Concen: 40.441 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF136645.D

Acq: 20 Dec 2023 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

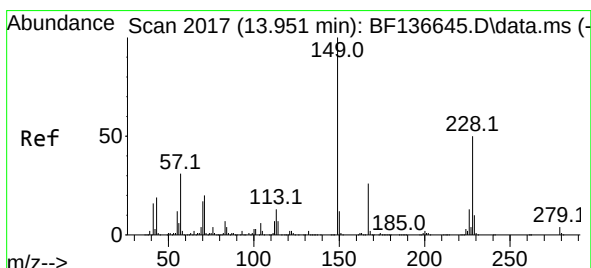
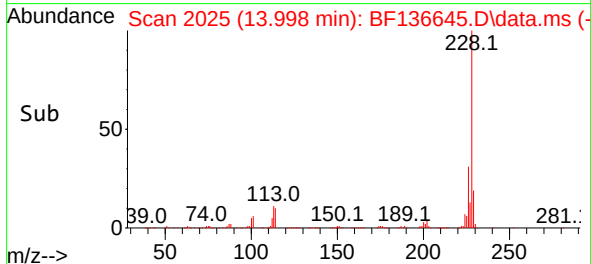
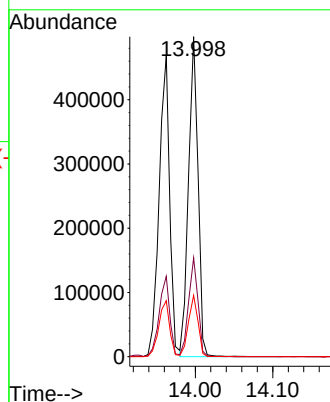
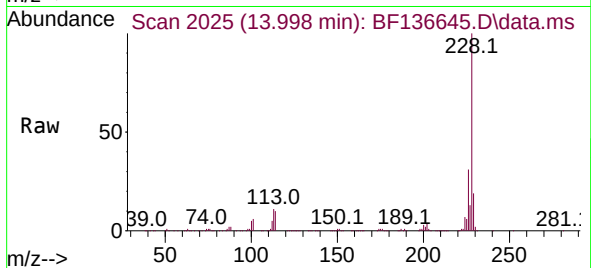
Tgt Ion:228 Resp: 426069

Ion Ratio Lower Upper

228 100

226 30.9 24.7 37.1

229 19.2 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.098 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF136645.D

Acq: 20 Dec 2023 12:30

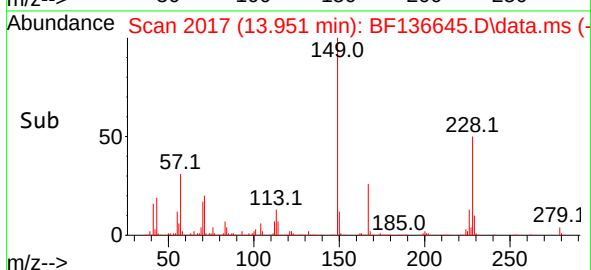
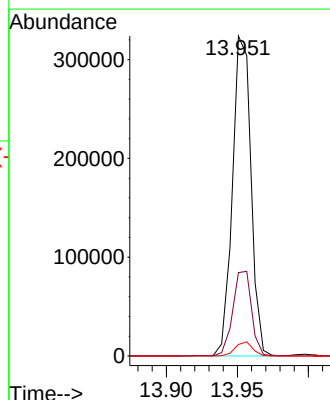
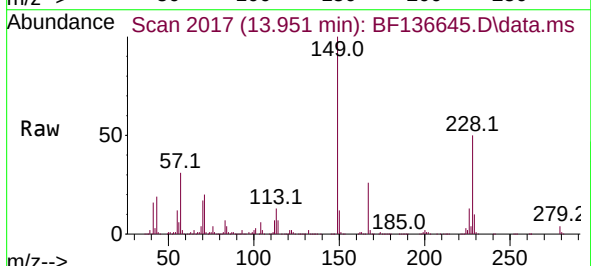
Tgt Ion:149 Resp: 293545

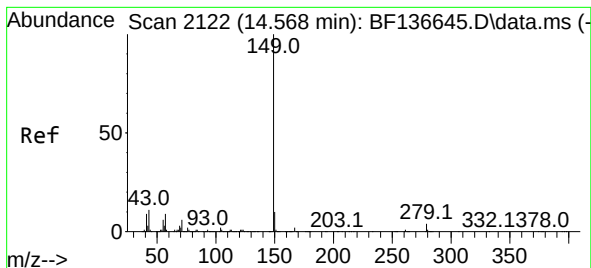
Ion Ratio Lower Upper

149 100

167 26.1 20.9 31.3

279 3.6 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 41.768 ng

RT: 14.568 min Scan# 2122

Delta R.T. 0.000 min

Lab File: BF136645.D

Acq: 20 Dec 2023 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

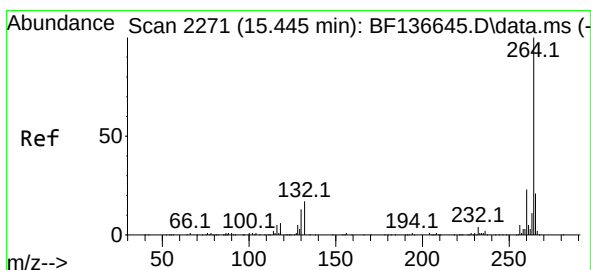
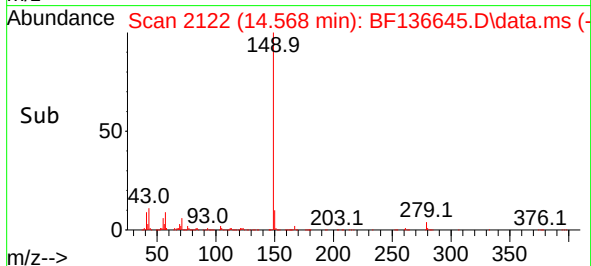
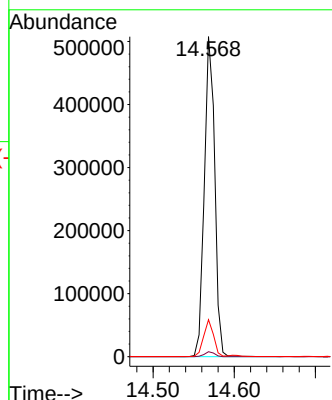
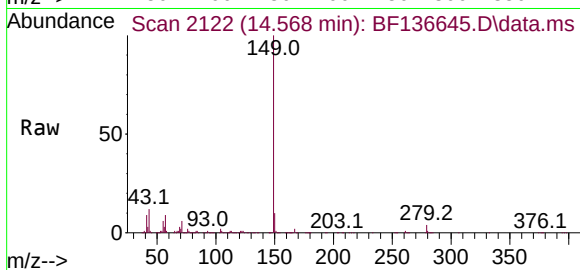
Tgt Ion:149 Resp: 450515

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.1 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BF136645.D

Acq: 20 Dec 2023 12:30

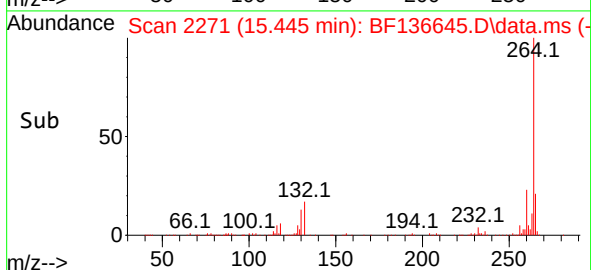
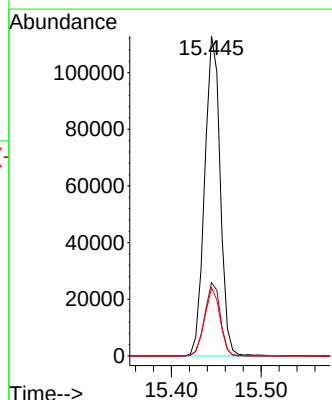
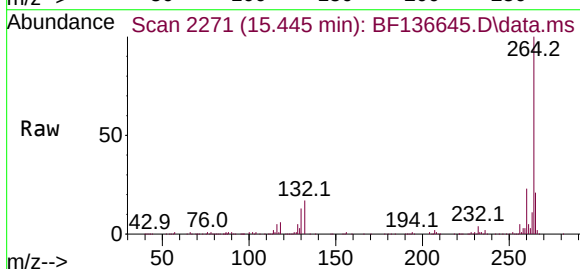
Tgt Ion:264 Resp: 135880

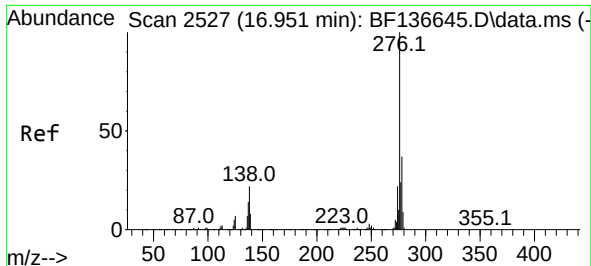
Ion Ratio Lower Upper

264 100

260 22.9 18.3 27.5

265 21.3 17.0 25.6

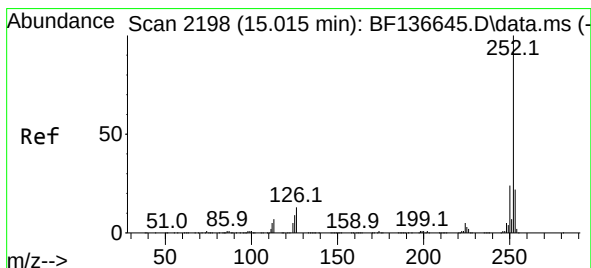
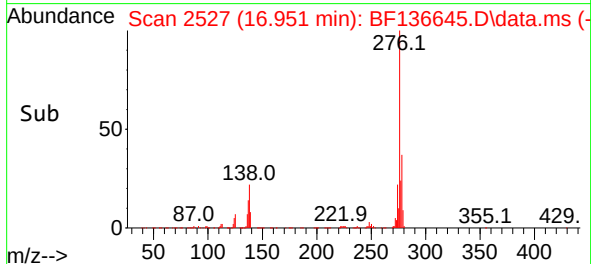
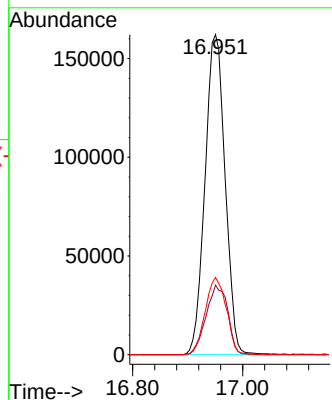
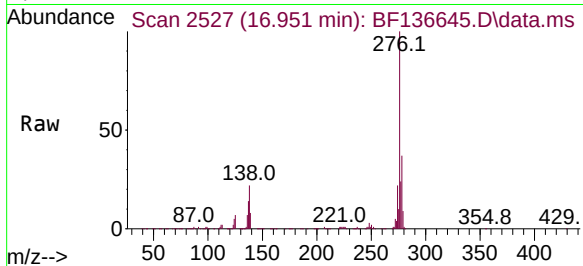




#87
Indeno(1,2,3-cd)pyrene
Concen: 42.009 ng
RT: 16.951 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

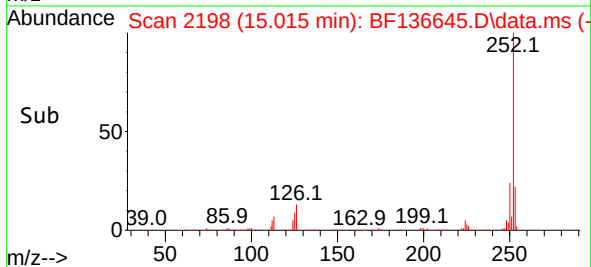
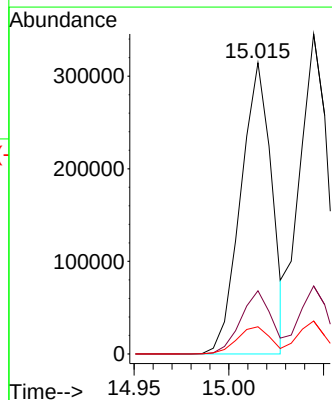
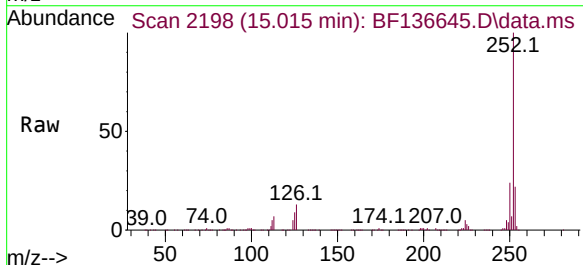
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

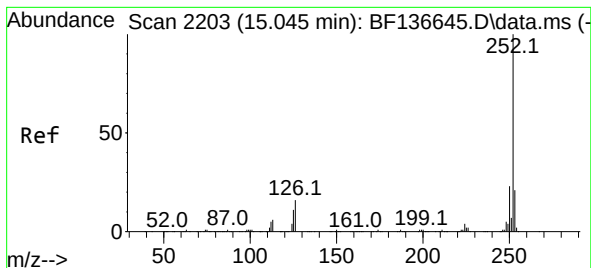
Tgt Ion:276 Resp: 412136
Ion Ratio Lower Upper
276 100
138 23.4 18.7 28.1
277 25.2 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 39.570 ng
RT: 15.015 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

Tgt Ion:252 Resp: 359117
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 9.3 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 41.344 ng

RT: 15.045 min Scan# 2203

Delta R.T. 0.000 min

Lab File: BF136645.D

Acq: 20 Dec 2023 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

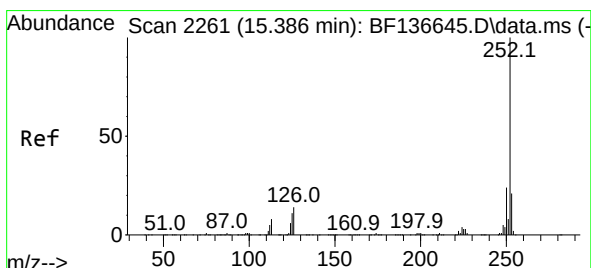
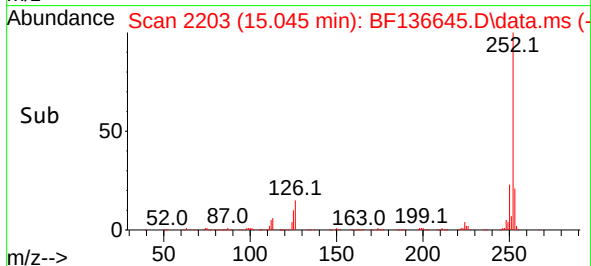
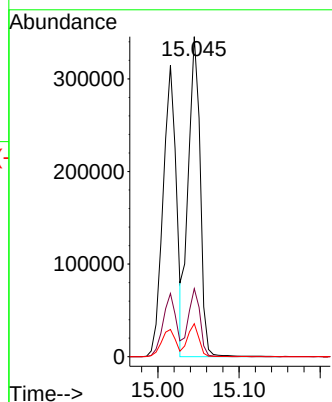
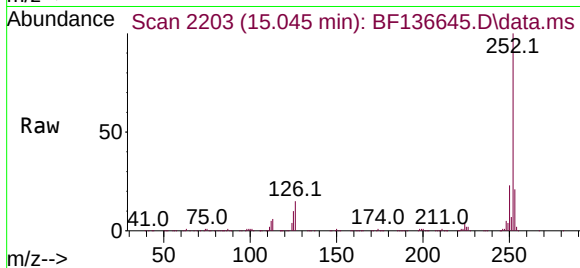
Tgt Ion:252 Resp: 354430

Ion Ratio Lower Upper

252 100

253 21.3 17.0 25.6

125 10.3 8.2 12.4



#90

Benzo(a)pyrene

Concen: 40.769 ng

RT: 15.386 min Scan# 2261

Delta R.T. 0.000 min

Lab File: BF136645.D

Acq: 20 Dec 2023 12:30

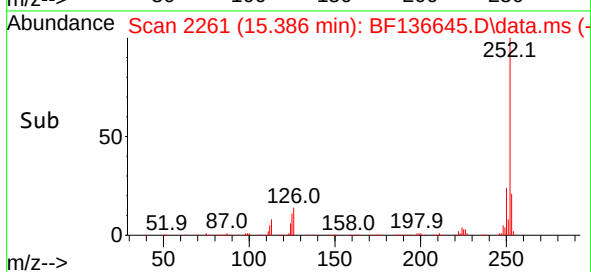
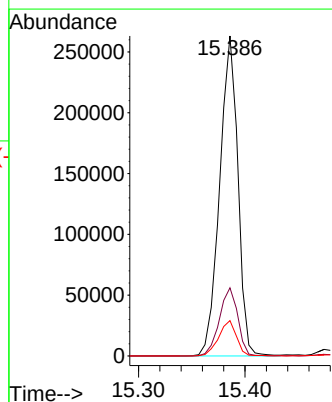
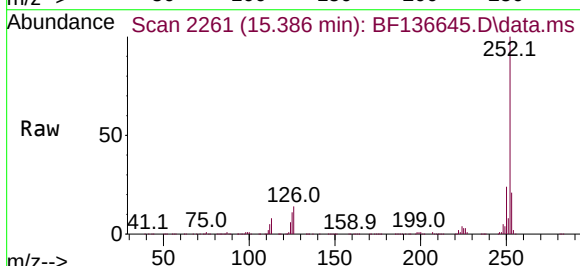
Tgt Ion:252 Resp: 312321

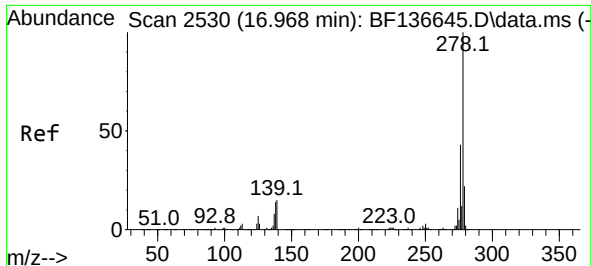
Ion Ratio Lower Upper

252 100

253 21.3 17.0 25.6

125 11.0 8.8 13.2

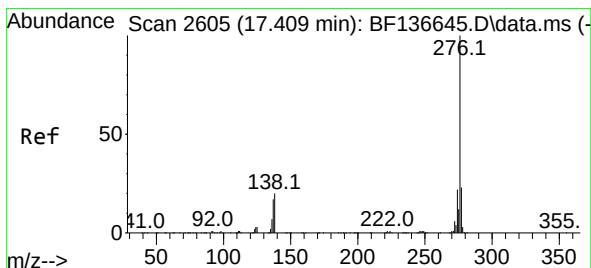
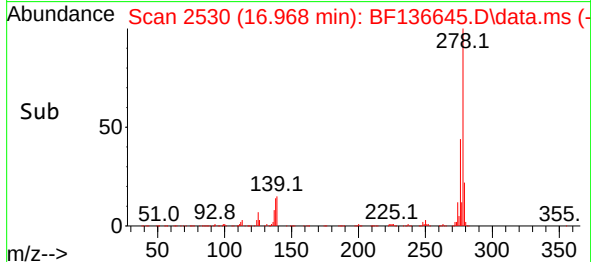
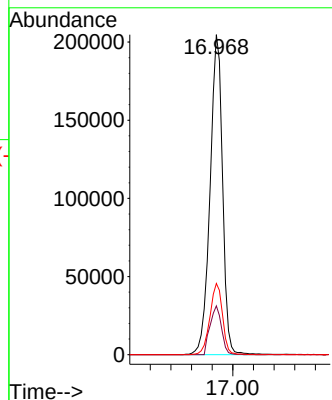
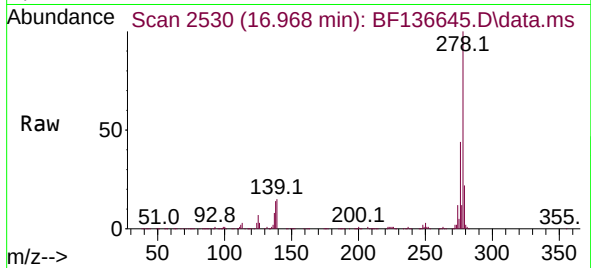




#91
Dibenzo(a,h)anthracene
Concen: 42.676 ng
RT: 16.968 min Scan# 2530
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 343487
Ion Ratio Lower Upper
278 100
139 15.3 12.2 18.4
279 22.2 17.8 26.6



#92
Benzo(g,h,i)perylene
Concen: 42.376 ng
RT: 17.409 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF136645.D
Acq: 20 Dec 2023 12:30

Tgt Ion:276 Resp: 349328
Ion Ratio Lower Upper
276 100
277 22.9 18.3 27.5
138 19.5 15.6 23.4

