

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
 Data File : BF136011.D
 Acq On : 28 Oct 2023 18:10
 Operator : CG\JU
 Sample : 04887-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-622-VOC-04MS

Quant Time: Oct 30 00:27:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	137069	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	536242	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	281177	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	510515	20.000	ng	0.00
76) Chrysene-d12	14.010	240	271627	20.000	ng	0.00
86) Perylene-d12	15.498	264	327792	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1195268	134.654	ng	0.02
7) Phenol-d6	6.463	99	1394790	126.214	ng	0.00
23) Nitrobenzene-d5	7.392	82	920761	107.902	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	451429	183.423	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1692427	96.380	ng	0.00
79) Terphenyl-d14	12.957	244	1912863	117.660	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	182643	44.294	ng	# 81
3) Pyridine	3.475	79	369348	32.453	ng	97
4) n-Nitrosodimethylamine	3.428	42	218659	44.062	ng	93
6) Aniline	6.493	93	263706	17.722	ng	97
8) 2-Chlorophenol	6.610	128	497978	54.191	ng	99
9) Benzaldehyde	6.381	77	116815	19.541	ng	96
10) Phenol	6.475	94	531141	45.974	ng	99
11) bis(2-Chloroethyl)ether	6.569	93	477863	53.139	ng	98
12) 1,3-Dichlorobenzene	6.769	146	513194	52.578	ng	95
13) 1,4-Dichlorobenzene	6.845	146	526051	53.663	ng	99
14) 1,2-Dichlorobenzene	6.993	146	496950	54.591	ng	99
15) Benzyl Alcohol	6.969	79	399399	51.126	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	656110	49.543	ng	96
17) 2-Methylphenol	7.081	107	378523	46.737	ng	99
18) Hexachloroethane	7.334	117	183713	55.114	ng	98
19) n-Nitroso-di-n-propyla...	7.240	70	324507	51.638	ng	96
20) 3+4-Methylphenols	7.234	107	456703	46.722	ng	# 77
22) Acetophenone	7.234	105	652450	53.870	ng	99
24) Nitrobenzene	7.410	77	484872	54.245	ng	96
25) Isophorone	7.645	82	905169	53.402	ng	99
26) 2-Nitrophenol	7.722	139	236935	64.767	ng	99
27) 2,4-Dimethylphenol	7.763	122	373541	48.353	ng	99
28) bis(2-Chloroethoxy)met...	7.857	93	559617	53.764	ng	99
29) 2,4-Dichlorophenol	7.963	162	403256	58.293	ng	97
30) 1,2,4-Trichlorobenzene	8.045	180	441358	56.349	ng	100
31) Naphthalene	8.128	128	1407456	54.287	ng	100
32) Benzoic acid	7.875	122	270065	61.778	ng	93
33) 4-Chloroaniline	8.175	127	41836	3.651	ng	98
34) Hexachlorobutadiene	8.245	225	248290	56.241	ng	99
35) Caprolactam	8.545	113	85031	36.937	ng	96
36) 4-Chloro-3-methylphenol	8.657	107	423930	57.666	ng	98
37) 2-Methylnaphthalene	8.822	142	886103	51.657	ng	99
38) 1-Methylnaphthalene	8.922	142	855562	53.378	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	415067	52.265	ng	100
41) Hexachlorocyclopentadiene	8.975	237	411145	104.995	ng	97
43) 2,4,6-Trichlorophenol	9.098	196	279283	60.085	ng	98

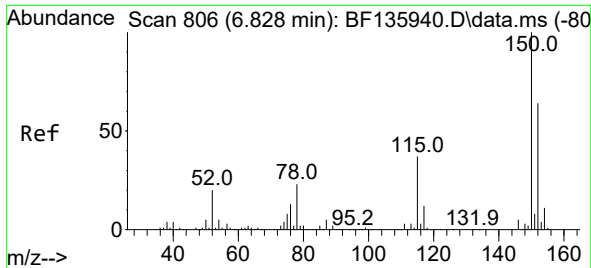
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	308010	55.811	ng	96
46) 1,1'-Biphenyl	9.286	154	1130525	53.062	ng	98
47) 2-Chloronaphthalene	9.310	162	856827	54.371	ng	98
48) 2-Nitroaniline	9.404	65	262609	58.150	ng	98
49) Acenaphthylene	9.728	152	1346610	54.165	ng	99
50) Dimethylphthalate	9.592	163	974502	53.444	ng	99
51) 2,6-Dinitrotoluene	9.651	165	226705	58.758	ng	87
52) Acenaphthene	9.898	154	821073	51.533	ng	99
53) 3-Nitroaniline	9.816	138	129641	30.498	ng	# 92
54) 2,4-Dinitrophenol	9.928	184	198852	106.822	ng	# 86
55) Dibenzofuran	10.075	168	1193614	51.857	ng	98
56) 4-Nitrophenol	9.981	139	362197	97.038	ng	98
57) 2,4-Dinitrotoluene	10.057	165	295484	61.309	ng	96
58) Fluorene	10.416	166	900125	52.270	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	263459	63.441	ng	98
60) Diethylphthalate	10.298	149	945753	54.391	ng	98
61) 4-Chlorophenyl-phenyle...	10.410	204	431101	51.897	ng	97
62) 4-Nitroaniline	10.439	138	235202	52.077	ng	92
63) Azobenzene	10.575	77	898095	50.896	ng	95
65) 4,6-Dinitro-2-methylph...	10.463	198	134979	67.494	ng	85
66) n-Nitrosodiphenylamine	10.533	169	832196	53.959	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	287569	55.003	ng	96
68) Hexachlorobenzene	10.963	284	326778	58.510	ng	96
69) Atrazine	11.063	200	291422	69.315	ng	98
70) Pentachlorophenol	11.157	266	375306	104.615	ng	98
71) Phenanthrene	11.380	178	1386329	53.675	ng	99
72) Anthracene	11.433	178	1422357	53.783	ng	100
73) Carbazole	11.592	167	1250201	52.994	ng	99
74) Di-n-butylphthalate	11.933	149	1483318	59.087	ng	99
75) Fluoranthene	12.575	202	1375318	50.614	ng	98
77) Benzidine	12.698	184	85061	16.241	ng	98
78) Pyrene	12.804	202	1383148	60.646	ng	99
80) Butylbenzylphthalate	13.439	149	543932	61.902	ng	99
81) Benzo(a)anthracene	13.998	228	1008568	54.608	ng	99
82) 3,3'-Dichlorobenzidine	13.969	252	192874	34.325	ng	# 97
83) Chrysene	14.039	228	956868	53.194	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	676067	72.087	ng	# 99
85) Di-n-octyl phthalate	14.627	149	1083706	73.354	ng	97
87) Indeno(1,2,3-cd)pyrene	17.015	276	1031881	55.516	ng	98
88) Benzo(b)fluoranthene	15.063	252	1068975	54.798	ng	100
89) Benzo(k)fluoranthene	15.092	252	890672	46.488	ng	100
90) Benzo(a)pyrene	15.439	252	902134	50.177	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	863085	54.287	ng	98
92) Benzo(g,h,i)perylene	17.474	276	792590	44.172	ng	99

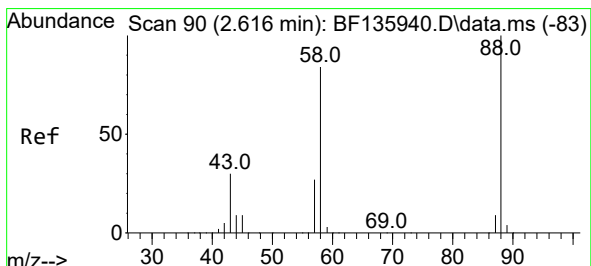
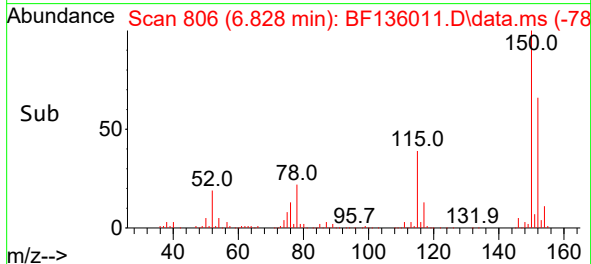
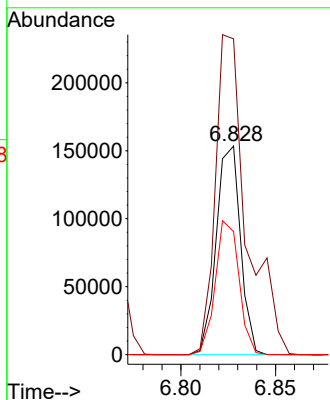
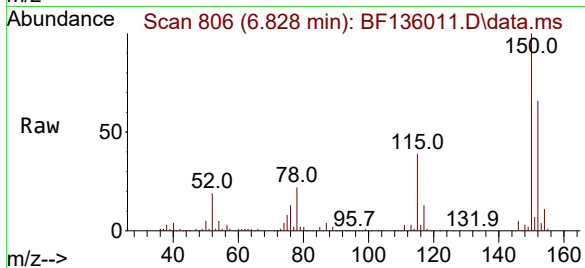
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF136011.D
 Acq: 28 Oct 2023 18:10

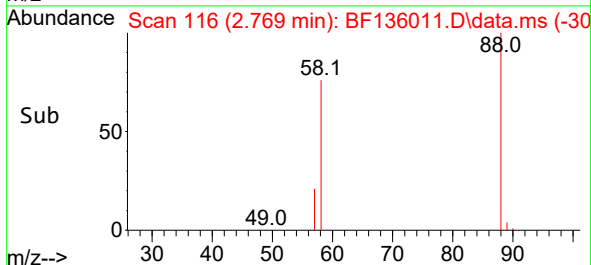
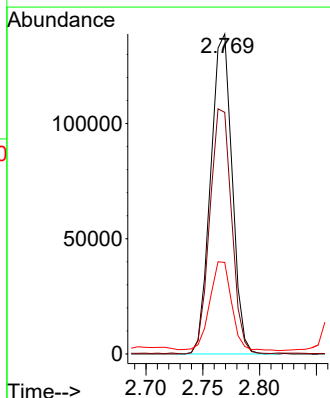
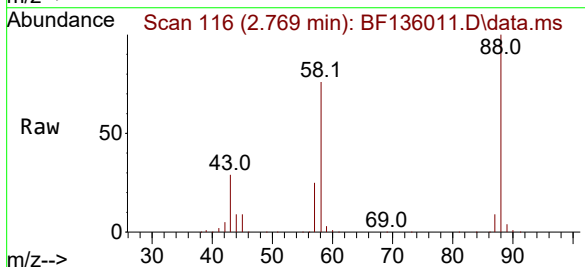
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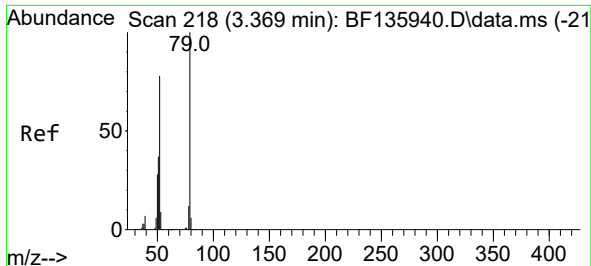
Tgt Ion:152 Resp: 137069
 Ion Ratio Lower Upper
 152 100
 150 151.4 124.6 186.8
 115 59.0 46.6 69.8



#2
 1,4-Dioxane
 Concen: 44.294 ng
 RT: 2.769 min Scan# 116
 Delta R.T. 0.153 min
 Lab File: BF136011.D
 Acq: 28 Oct 2023 18:10

Tgt Ion: 88 Resp: 182643
 Ion Ratio Lower Upper
 88 100
 58 78.1 66.6 100.0
 43 0.0 23.8 35.8

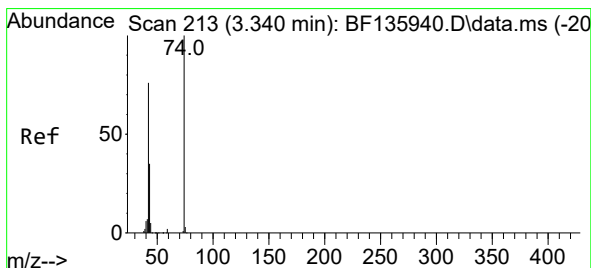
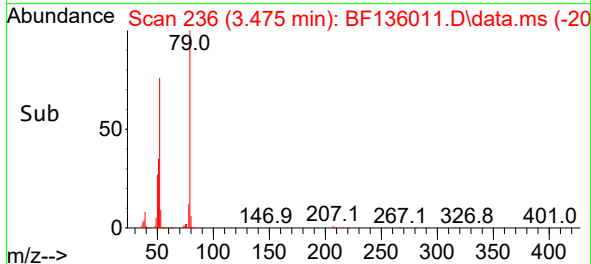
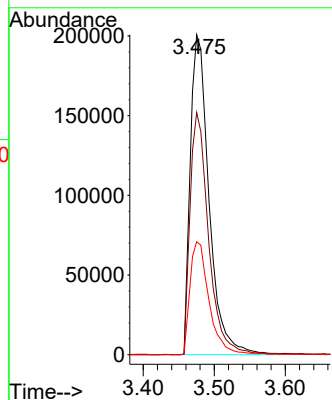
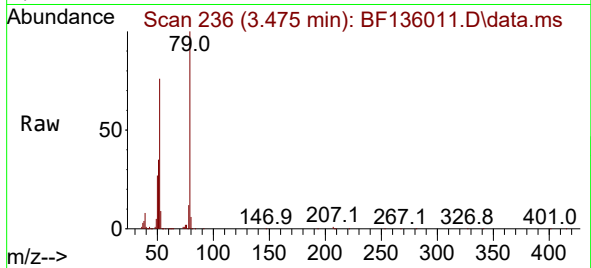




#3
Pyridine
Concen: 32.453 ng
RT: 3.475 min Scan# 21
Delta R.T. 0.106 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

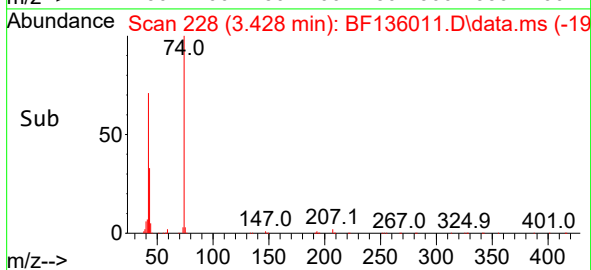
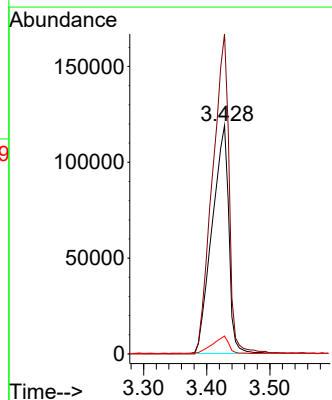
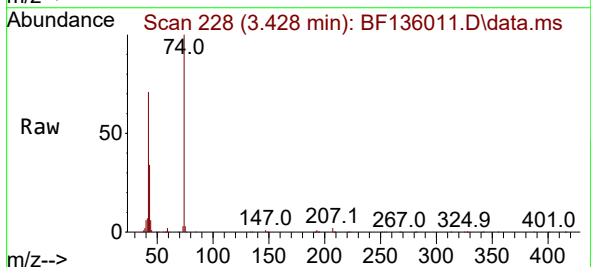
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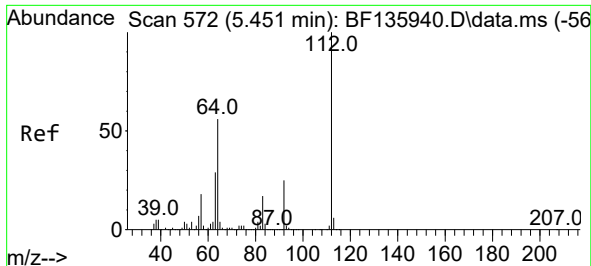
Tgt Ion: 79 Resp: 369348
Ion Ratio Lower Upper
79 100
52 75.7 62.6 93.8
51 35.3 29.8 44.8



#4
n-Nitrosodimethylamine
Concen: 44.062 ng
RT: 3.428 min Scan# 228
Delta R.T. 0.088 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

Tgt Ion: 42 Resp: 218659
Ion Ratio Lower Upper
42 100
74 140.1 104.8 157.2
44 7.8 5.9 8.9

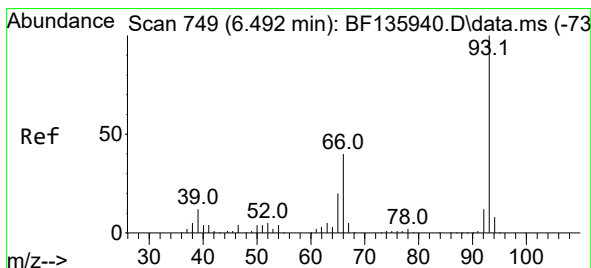
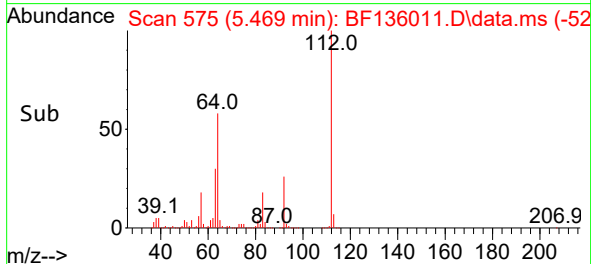
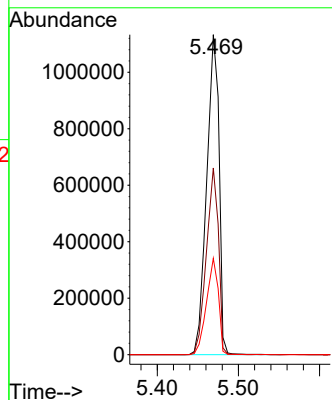
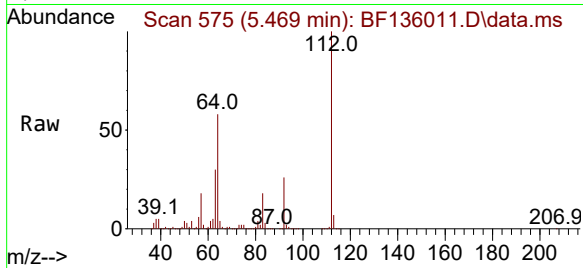




#5
2-Fluorophenol
Concen: 134.654 ng
RT: 5.469 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

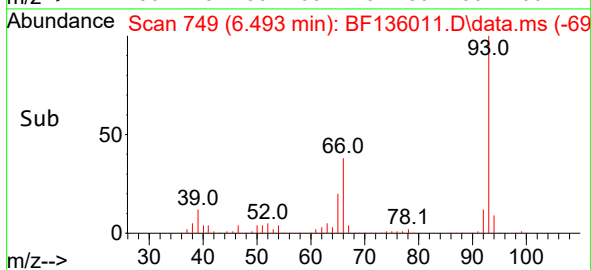
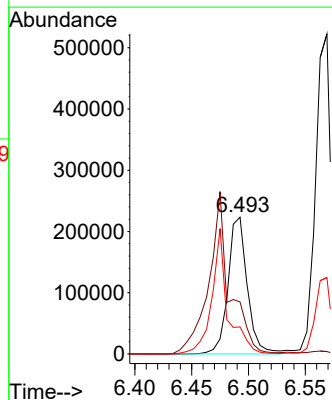
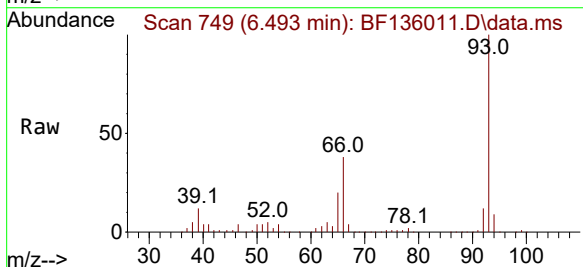
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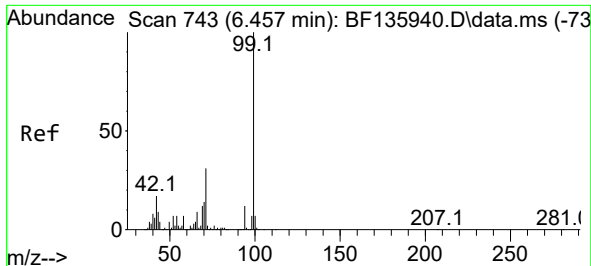
Tgt Ion:112 Resp: 1195268
Ion Ratio Lower Upper
112 100
64 58.3 45.1 67.7
63 30.1 23.0 34.4



#6
Aniline
Concen: 17.722 ng
RT: 6.493 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

Tgt Ion: 93 Resp: 263706
Ion Ratio Lower Upper
93 100
66 38.0 32.0 48.0
65 19.8 16.2 24.4

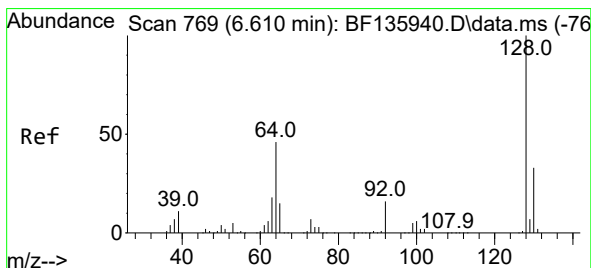
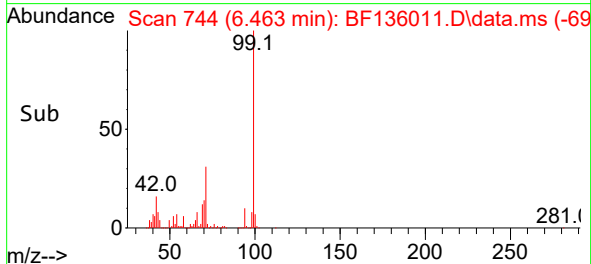
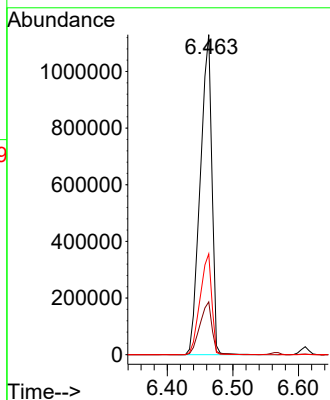
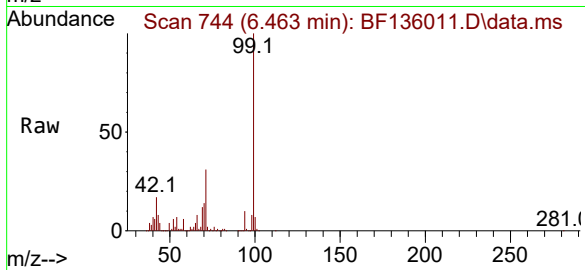




#7
Phenol-d6
Concen: 126.214 ng
RT: 6.463 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

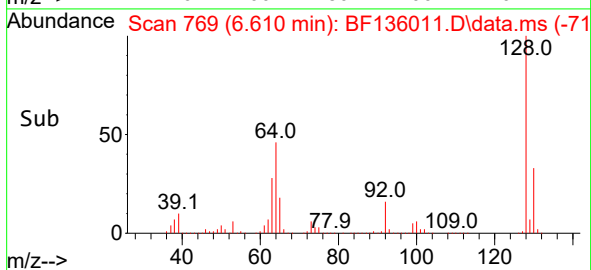
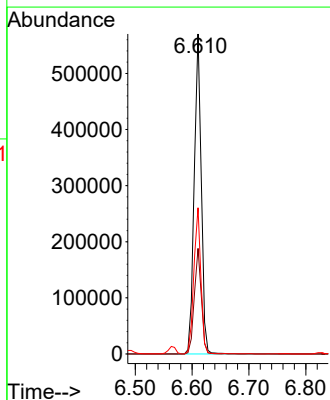
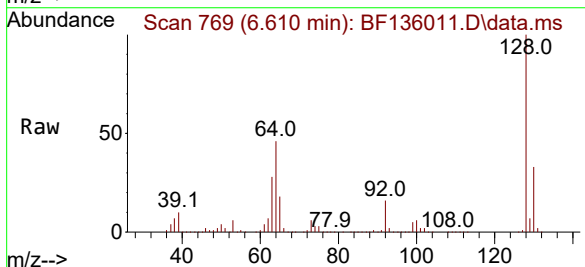
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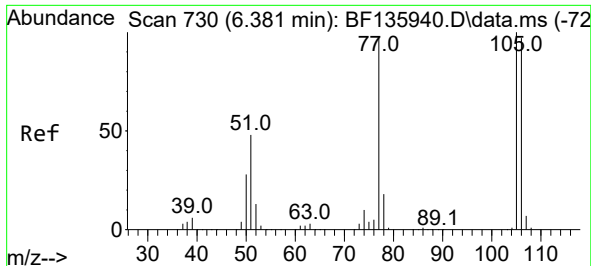
Tgt Ion: 99 Resp: 1394790
Ion Ratio Lower Upper
99 100
42 16.5 13.8 20.8
71 31.5 25.1 37.7



#8
2-Chlorophenol
Concen: 54.191 ng
RT: 6.610 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

Tgt Ion: 128 Resp: 497978
Ion Ratio Lower Upper
128 100
130 33.0 13.1 53.1
64 45.7 27.0 67.0

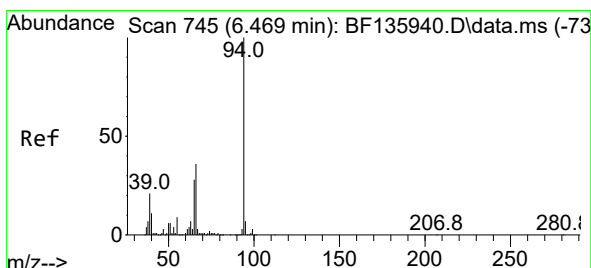
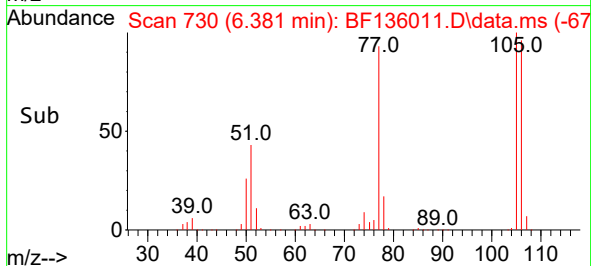
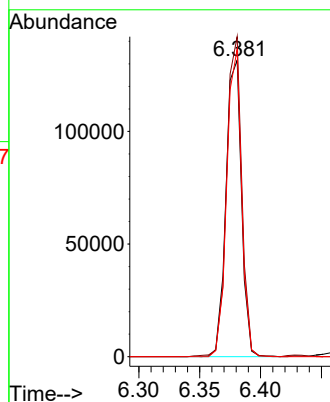
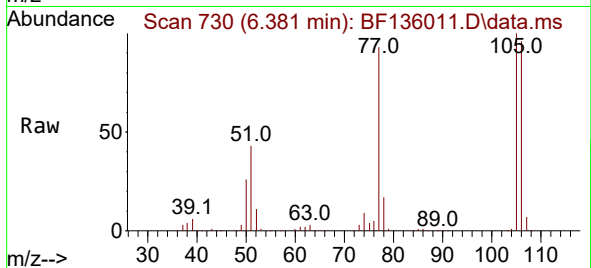




#9
Benzaldehyde
Concen: 19.541 ng
RT: 6.381 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

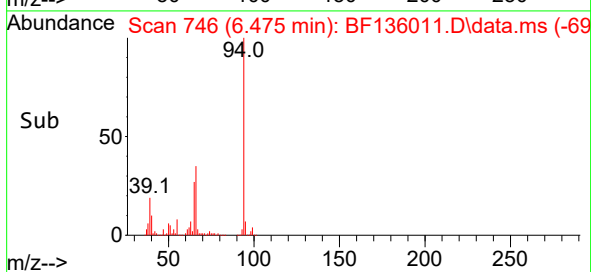
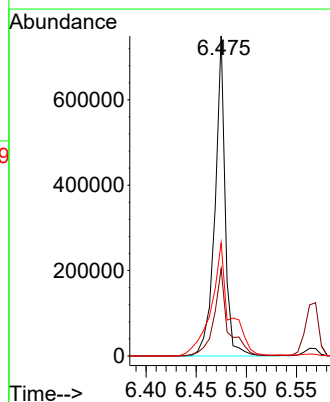
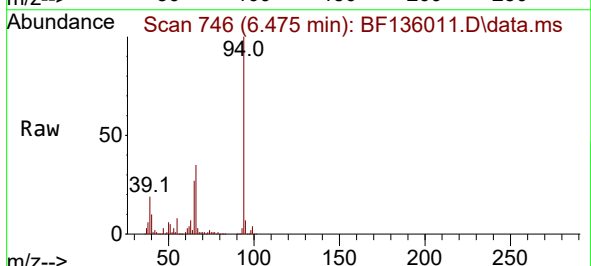
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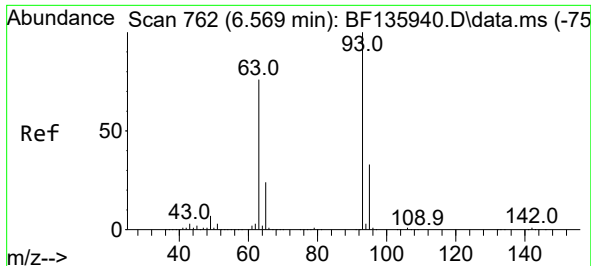
Tgt Ion: 77 Resp: 116815
Ion Ratio Lower Upper
77 100
105 107.9 83.2 123.2
106 103.7 80.0 120.0



#10
Phenol
Concen: 45.974 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

Tgt Ion: 94 Resp: 531141
Ion Ratio Lower Upper
94 100
65 27.3 7.8 47.8
66 35.4 16.5 56.5

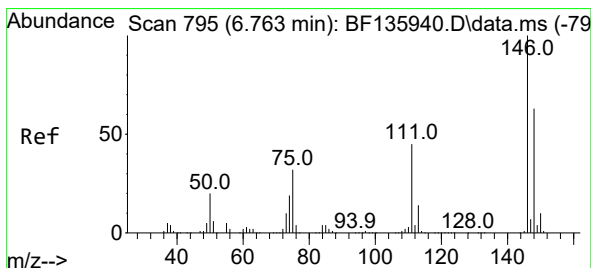
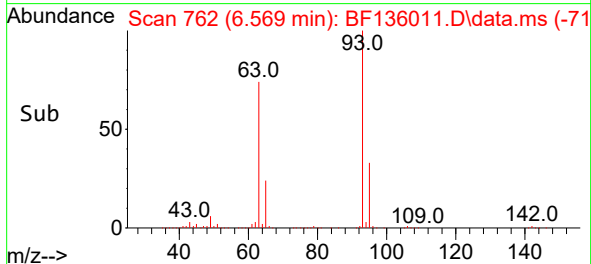
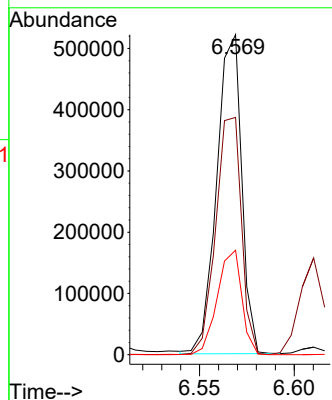
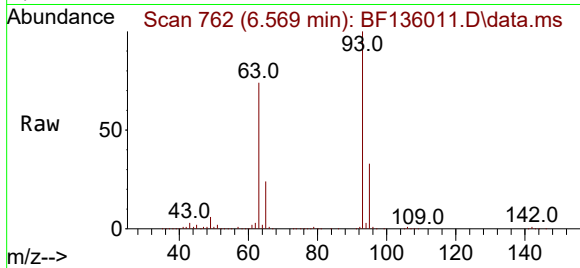




#11
bis(2-Chloroethyl)ether
Concen: 53.139 ng
RT: 6.569 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

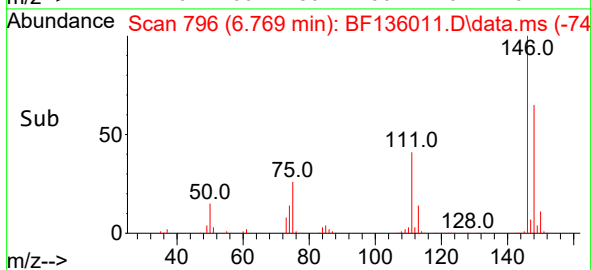
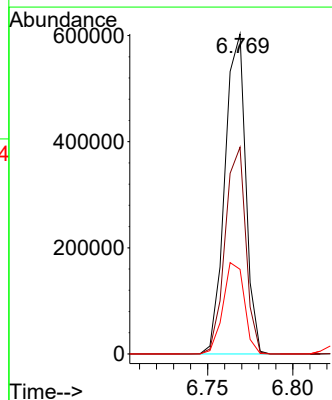
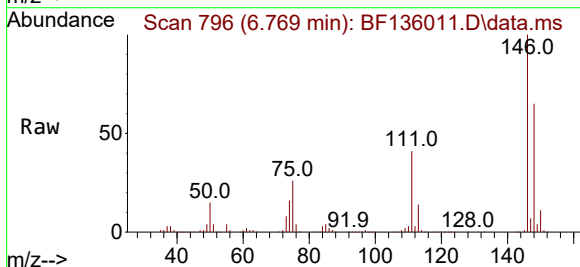
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS

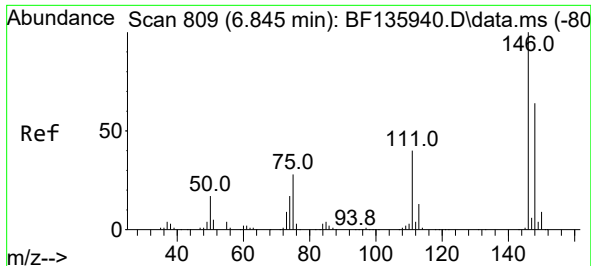
Tgt Ion: 93 Resp: 477863
Ion Ratio Lower Upper
93 100
63 74.1 56.2 96.2
95 32.7 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 52.578 ng
RT: 6.769 min Scan# 796
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

Tgt Ion:146 Resp: 513194
Ion Ratio Lower Upper
146 100
148 64.6 50.2 75.4
75 26.4 25.9 38.9





#13

1,4-Dichlorobenzene

Concen: 53.663 ng

RT: 6.845 min Scan# 809

Delta R.T. 0.000 min

Lab File: BF136011.D

Acq: 28 Oct 2023 18:10

Instrument :

BNA_F

ClientSampleId :

SU-622-VOC-04MS

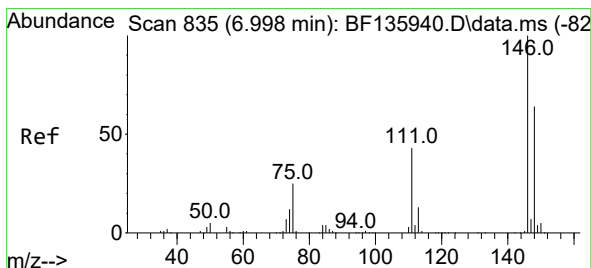
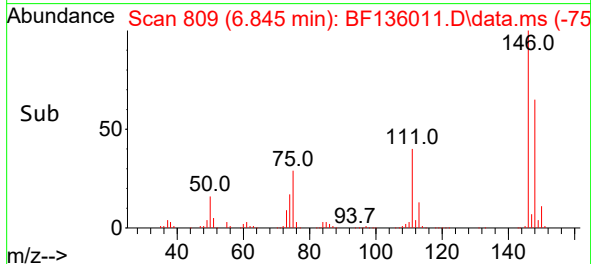
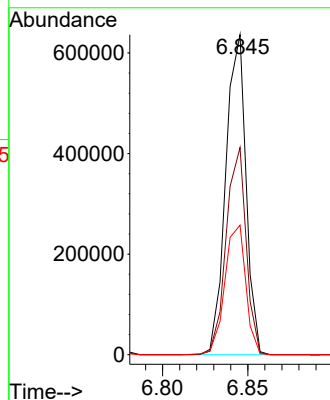
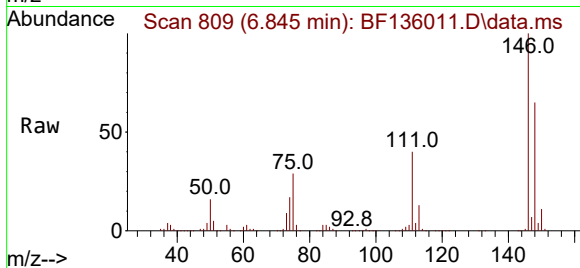
Tgt Ion:146 Resp: 526051

Ion Ratio Lower Upper

146 100

148 64.8 51.4 77.2

111 40.5 31.8 47.8



#14

1,2-Dichlorobenzene

Concen: 54.591 ng

RT: 6.993 min Scan# 834

Delta R.T. -0.006 min

Lab File: BF136011.D

Acq: 28 Oct 2023 18:10

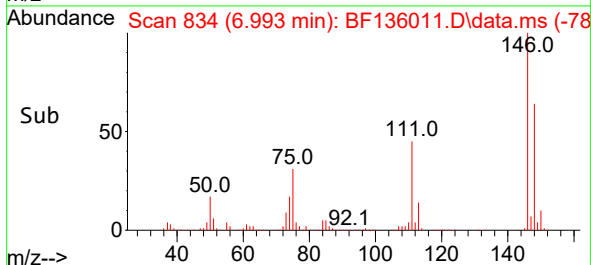
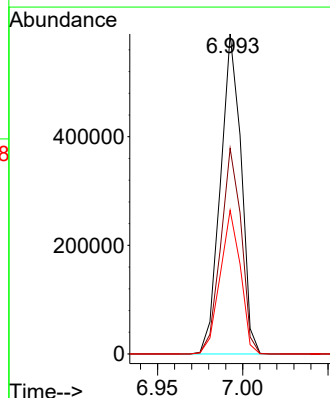
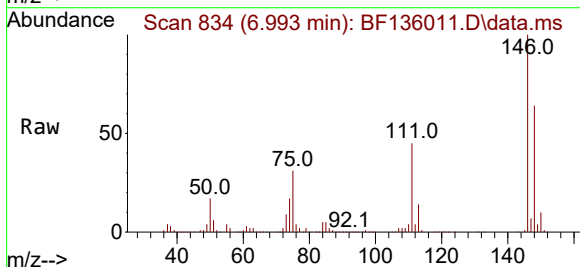
Tgt Ion:146 Resp: 496950

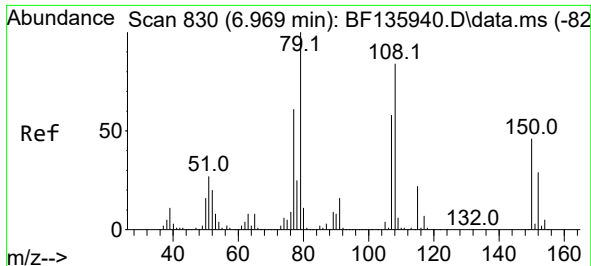
Ion Ratio Lower Upper

146 100

148 64.3 51.4 77.0

111 44.9 34.2 51.4

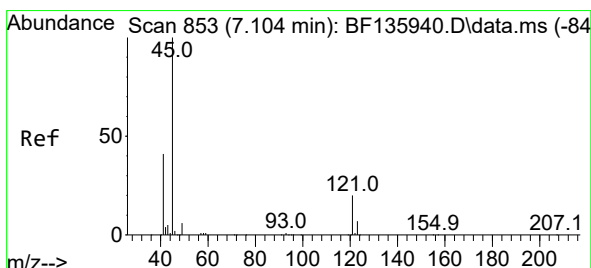
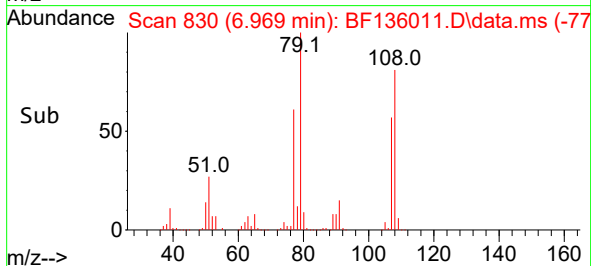
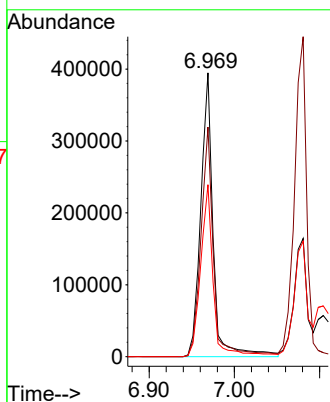
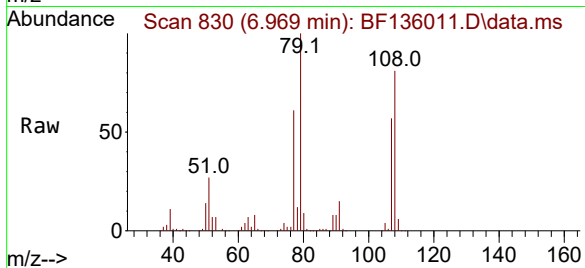




#15
Benzyl Alcohol
Concen: 51.126 ng
RT: 6.969 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

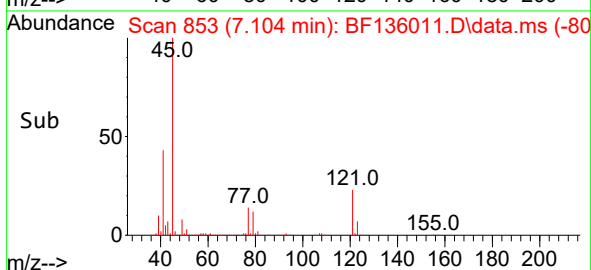
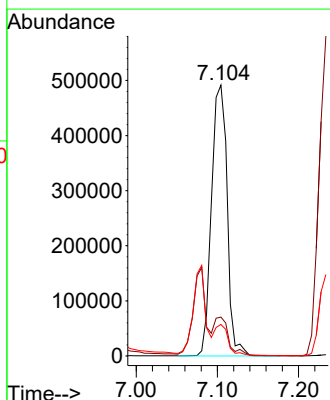
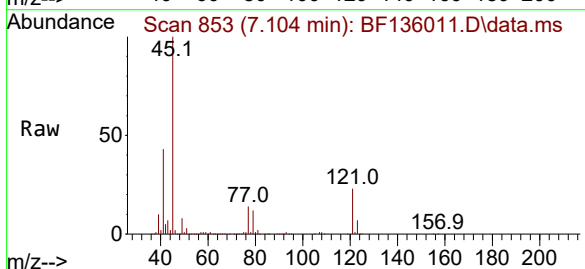
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS

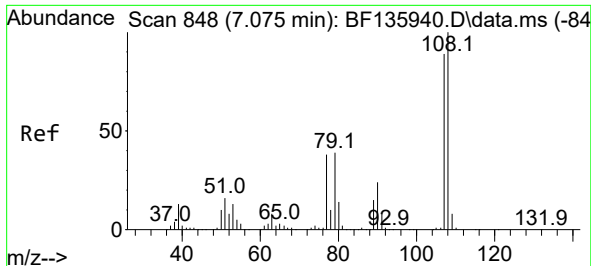
Tgt Ion: 79 Resp: 399399
Ion Ratio Lower Upper
79 100
108 80.9 67.2 100.8
77 60.6 49.0 73.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.543 ng
RT: 7.104 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

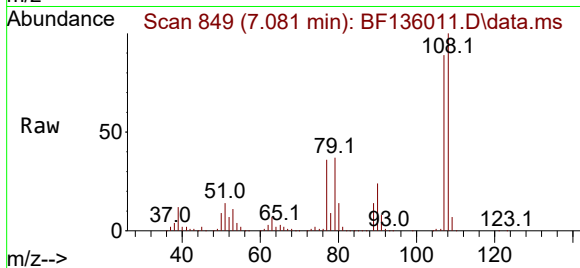
Tgt Ion: 45 Resp: 656110
Ion Ratio Lower Upper
45 100
77 14.3 0.0 33.2
79 11.6 0.0 29.8



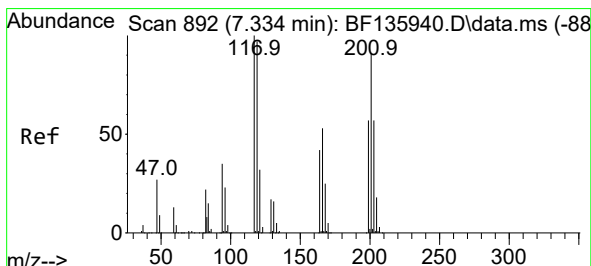
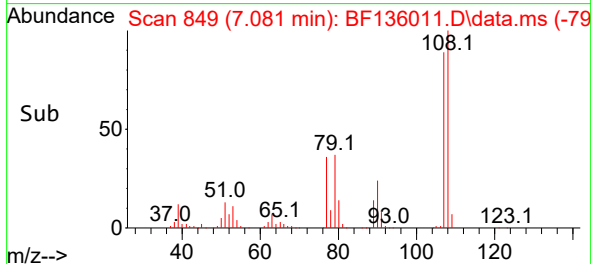
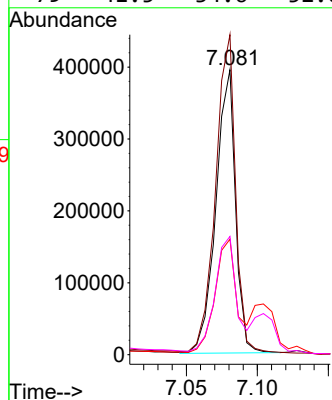


#17
2-Methylphenol
Concen: 46.737 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS

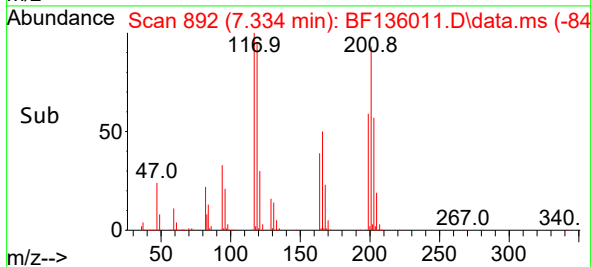
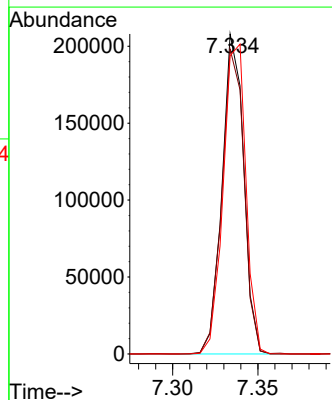
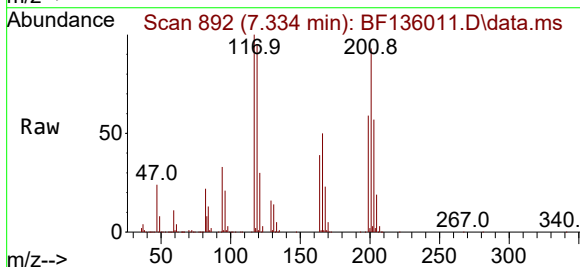


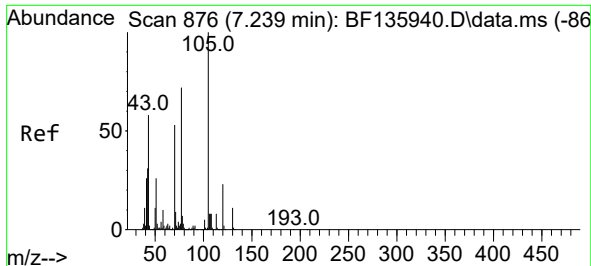
Tgt Ion:	107	Resp:	378523
Ion	Ratio	Lower	Upper
107	100		
108	112.3	89.8	134.6
77	40.5	34.2	51.2
79	41.5	34.6	52.0



#18
Hexachloroethane
Concen: 55.114 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

Tgt Ion:	117	Resp:	183713
Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.3	115.9
201	93.2	72.8	109.2

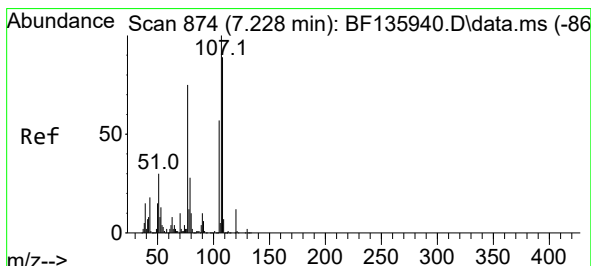
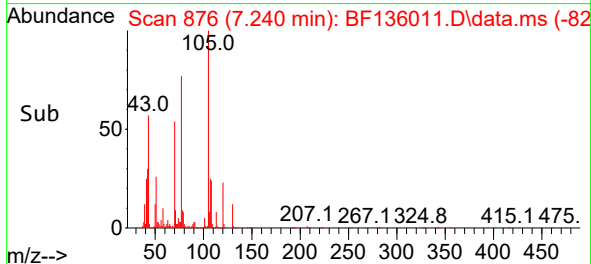
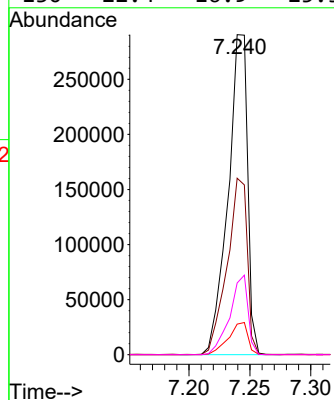
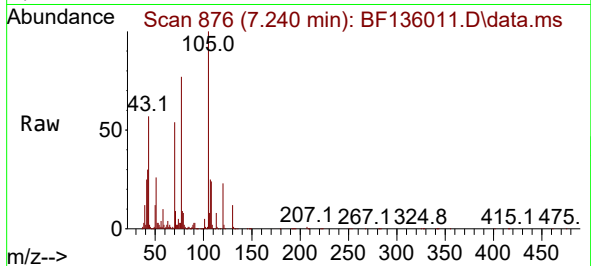




#19
n-Nitroso-di-n-propylamine
Concen: 51.638 ng
RT: 7.240 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

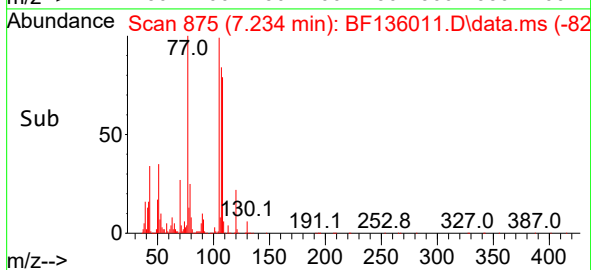
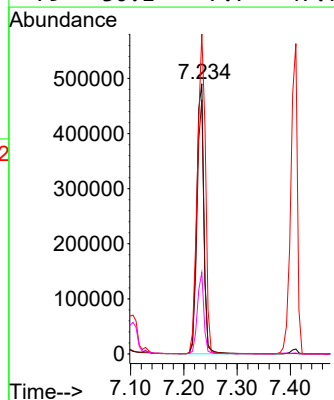
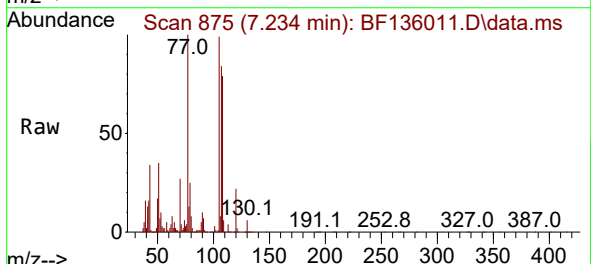
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS

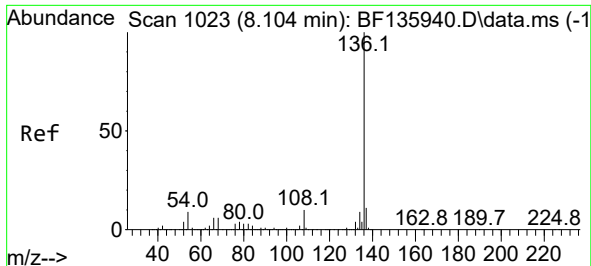
Tgt Ion: 70 Resp: 324507
Ion Ratio Lower Upper
70 100
42 55.2 47.3 70.9
101 9.5 7.8 11.8
130 22.4 16.9 25.3



#20
3+4-Methylphenols
Concen: 46.722 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

Tgt Ion: 107 Resp: 456703
Ion Ratio Lower Upper
107 100
108 94.1 69.1 109.1
77 118.4 55.0 95.0#
79 30.1 7.7 47.7

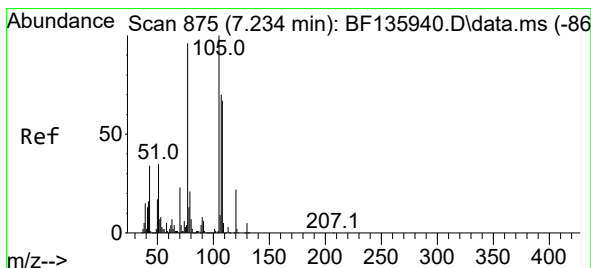
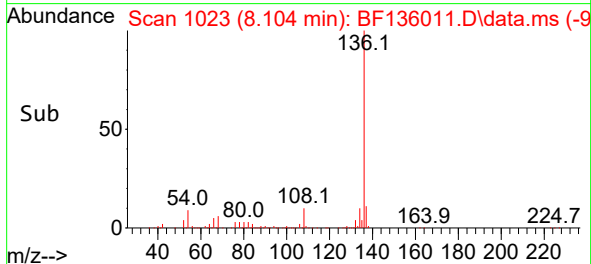
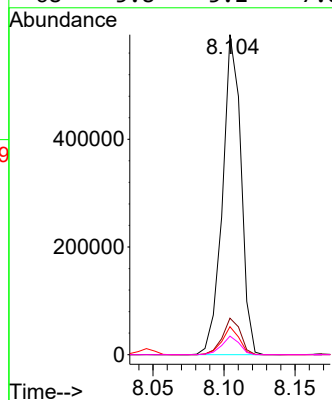
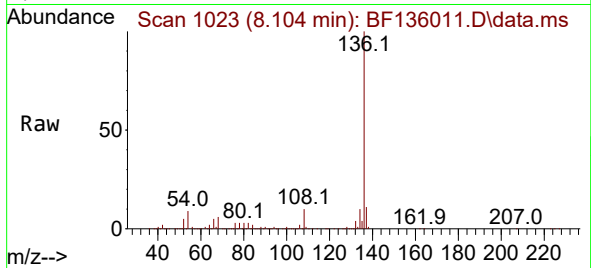




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

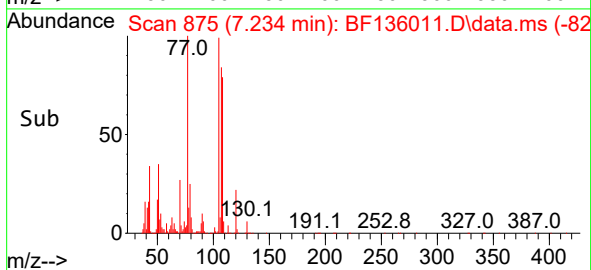
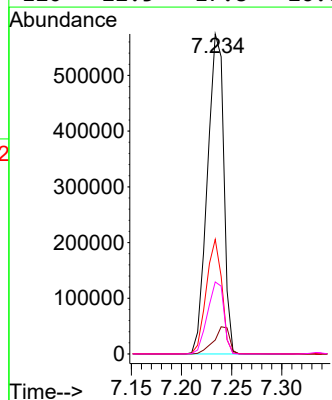
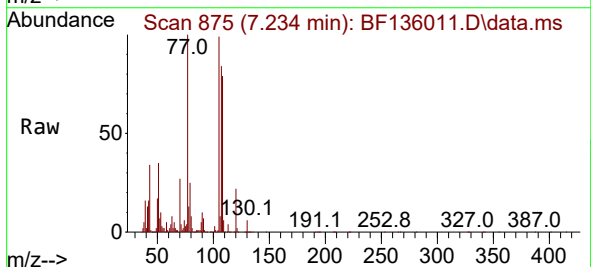
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS

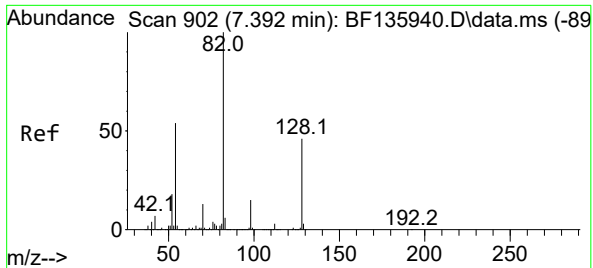
Tgt Ion:136 Resp: 536242
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 8.7 7.1 10.7
68 5.8 5.2 7.8



#22
Acetophenone
Concen: 53.870 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

Tgt Ion:105 Resp: 652450
Ion Ratio Lower Upper
105 100
71 4.4 3.4 5.2
51 35.8 28.4 42.6
120 22.5 17.8 26.6





#23

Nitrobenzene-d5

Concen: 107.902 ng

RT: 7.392 min Scan# 902

Delta R.T. 0.000 min

Lab File: BF136011.D

Acq: 28 Oct 2023 18:10

Instrument :

BNA_F

ClientSampleId :

SU-622-VOC-04MS

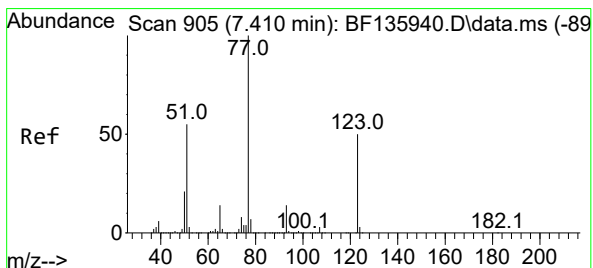
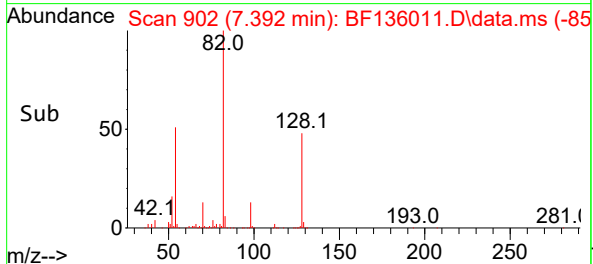
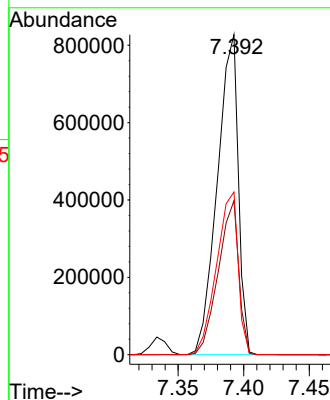
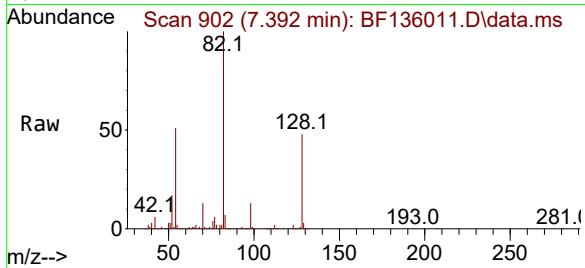
Tgt Ion: 82 Resp: 920761

Ion Ratio Lower Upper

82 100

128 48.1 36.8 55.2

54 50.9 43.4 65.0



#24

Nitrobenzene

Concen: 54.245 ng

RT: 7.410 min Scan# 905

Delta R.T. 0.000 min

Lab File: BF136011.D

Acq: 28 Oct 2023 18:10

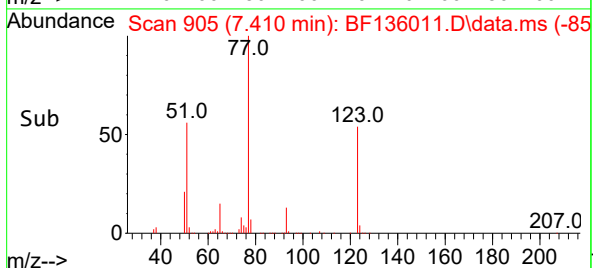
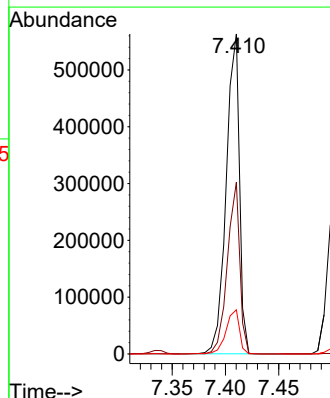
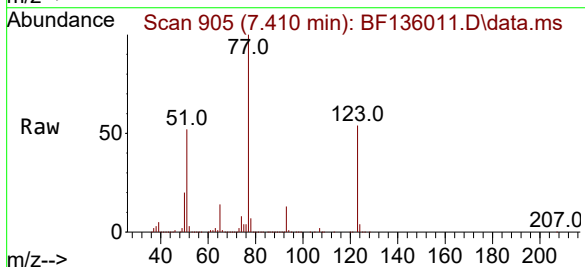
Tgt Ion: 77 Resp: 484872

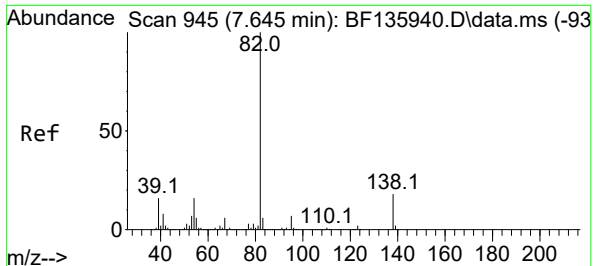
Ion Ratio Lower Upper

77 100

123 53.7 40.2 60.2

65 13.8 11.0 16.4

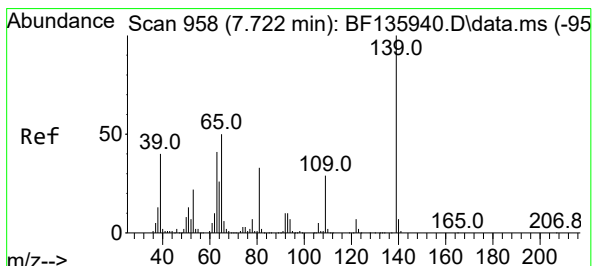
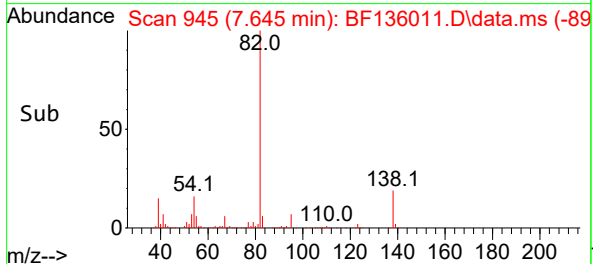
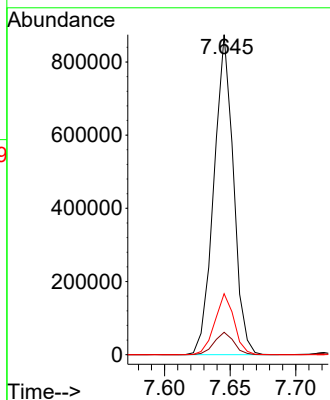
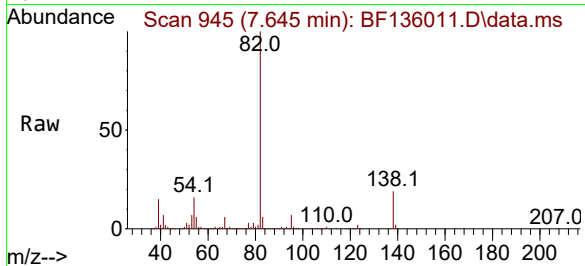




#25
Isophorone
Concen: 53.402 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

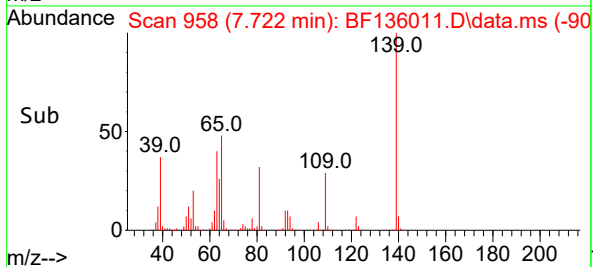
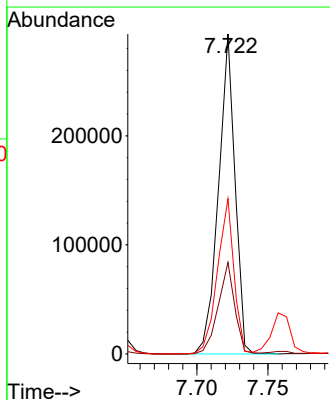
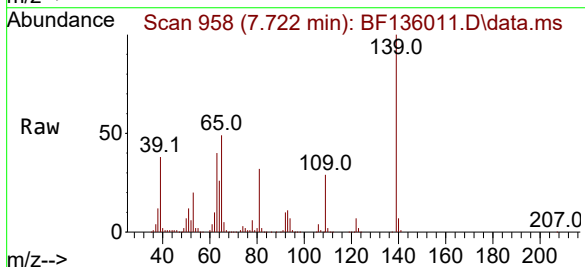
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS

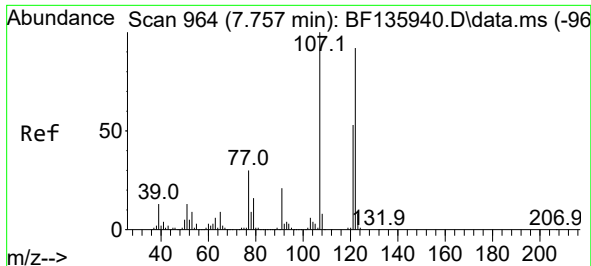
Tgt Ion: 82 Resp: 905169
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 19.0 14.8 22.2



#26
2-Nitrophenol
Concen: 64.767 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

Tgt Ion:139 Resp: 236935
Ion Ratio Lower Upper
139 100
109 28.6 23.1 34.7
65 48.5 39.8 59.8

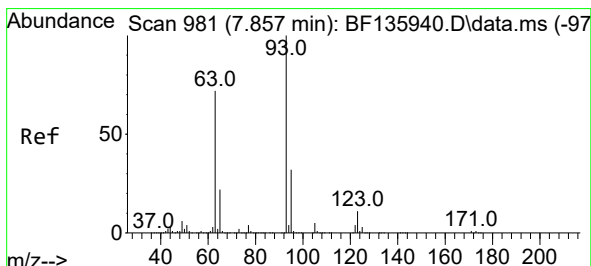
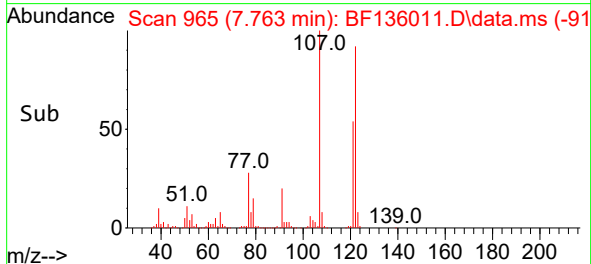
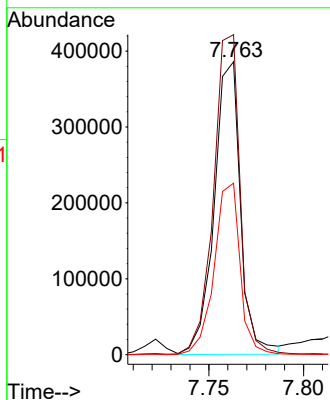
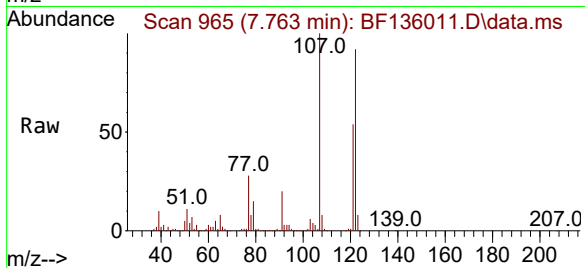




#27
2,4-Dimethylphenol
Concen: 48.353 ng
RT: 7.763 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

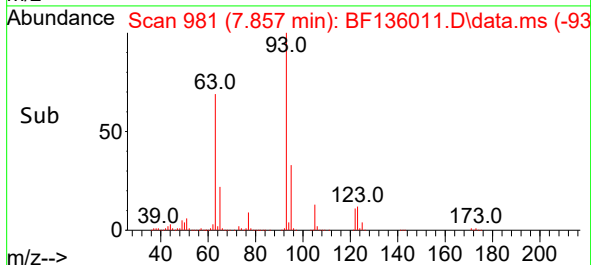
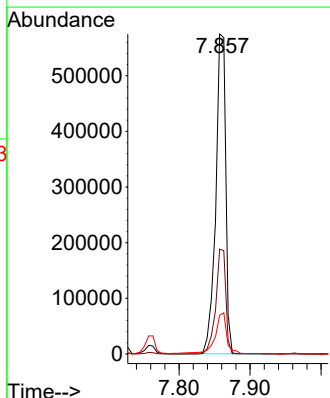
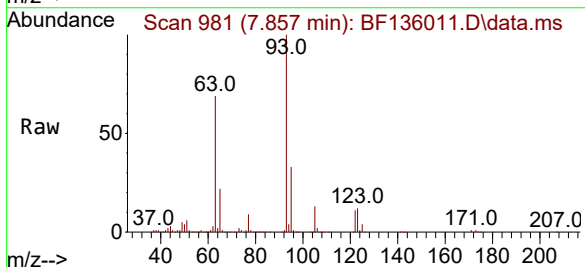
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS

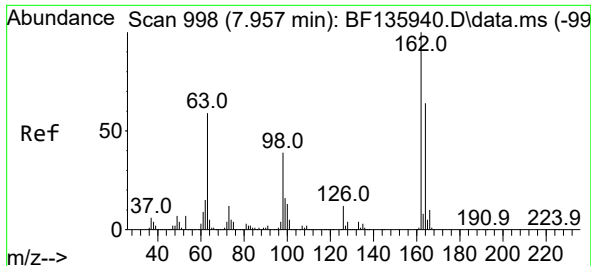
Tgt Ion:122 Resp: 373541
Ion Ratio Lower Upper
122 100
107 109.2 87.1 130.7
121 58.5 45.9 68.9



#28
bis(2-Chloroethoxy)methane
Concen: 53.764 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

Tgt Ion: 93 Resp: 559617
Ion Ratio Lower Upper
93 100
95 32.8 25.9 38.9
123 12.1 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 58.293 ng

RT: 7.963 min Scan# 99

Delta R.T. 0.006 min

Lab File: BF136011.D

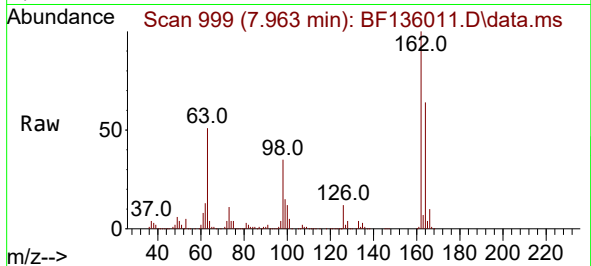
Acq: 28 Oct 2023 18:10

Instrument :

BNA_F

ClientSampleId :

SU-622-VOC-04MS



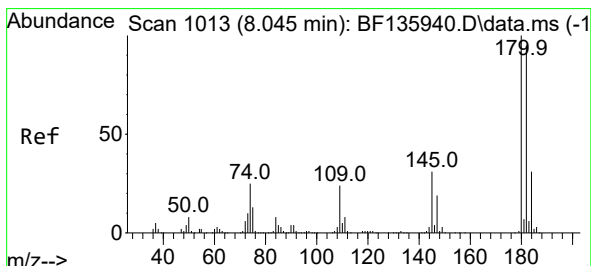
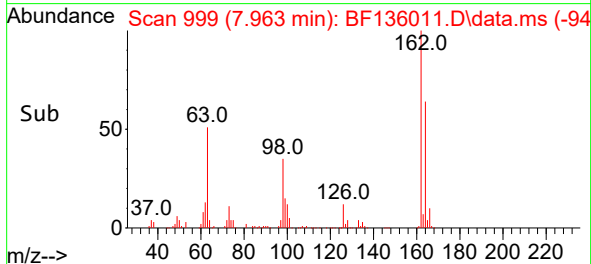
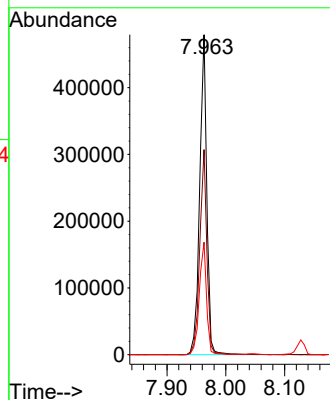
Tgt Ion:162 Resp: 403256

Ion Ratio Lower Upper

162 100

164 64.1 43.7 83.7

98 35.2 18.8 58.8



#30

1,2,4-Trichlorobenzene

Concen: 56.349 ng

RT: 8.045 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF136011.D

Acq: 28 Oct 2023 18:10

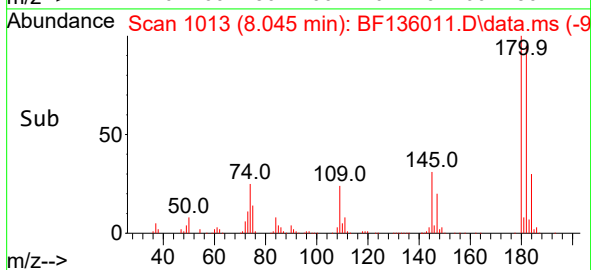
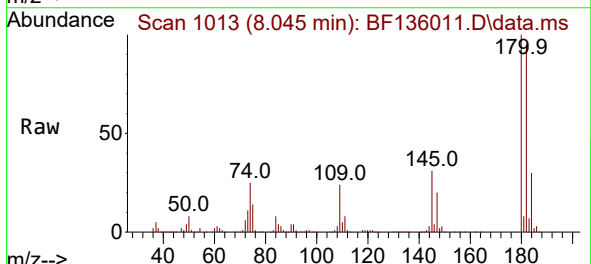
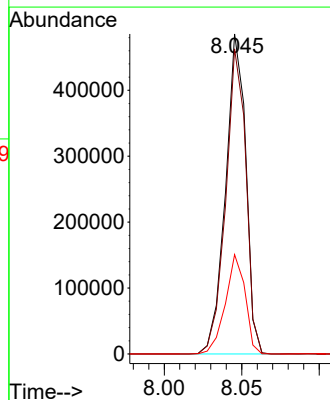
Tgt Ion:180 Resp: 441358

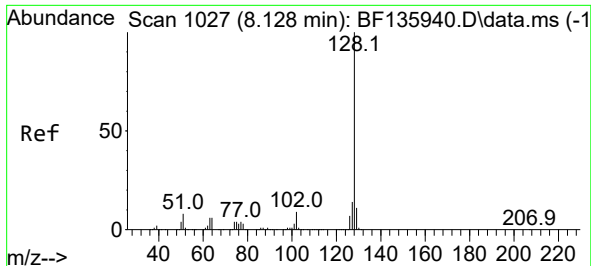
Ion Ratio Lower Upper

180 100

182 95.4 76.0 114.0

145 31.1 24.6 36.8

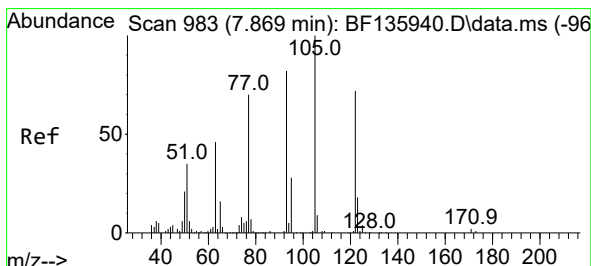
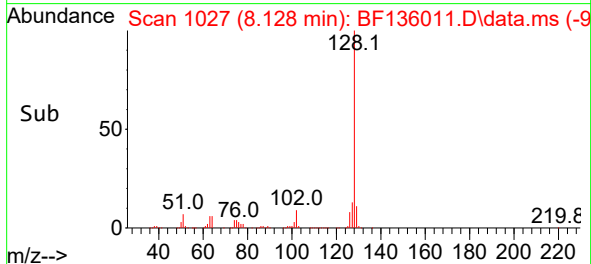
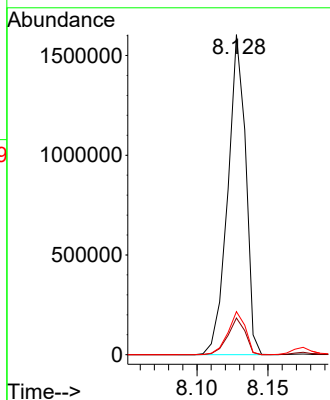
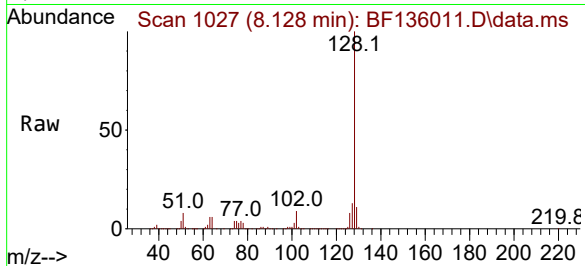




#31
Naphthalene
Concen: 54.287 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

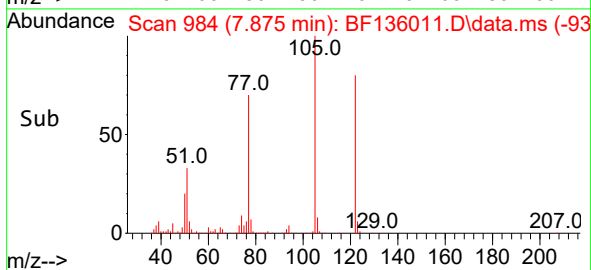
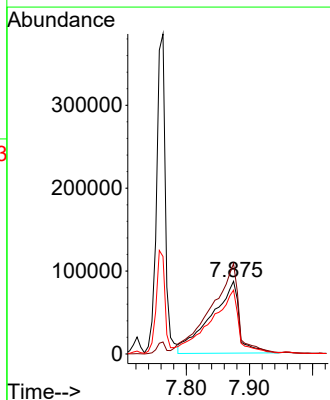
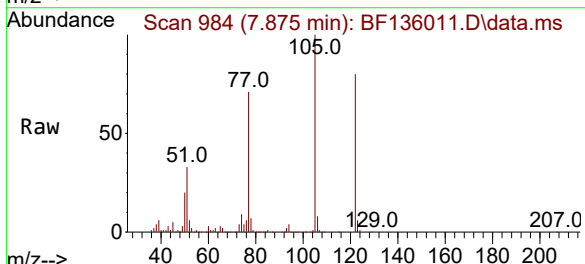
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS

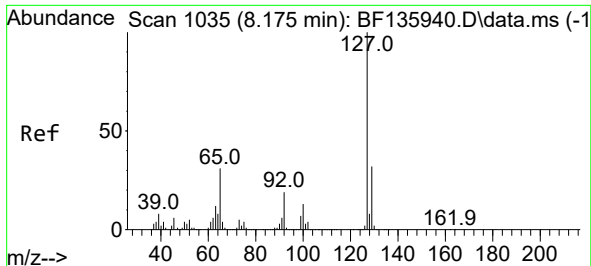
Tgt Ion:128 Resp: 1407456
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.5 10.9 16.3



#32
Benzoic acid
Concen: 61.778 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

Tgt Ion:122 Resp: 270065
Ion Ratio Lower Upper
122 100
105 124.5 113.1 153.1
77 87.9 75.2 115.2

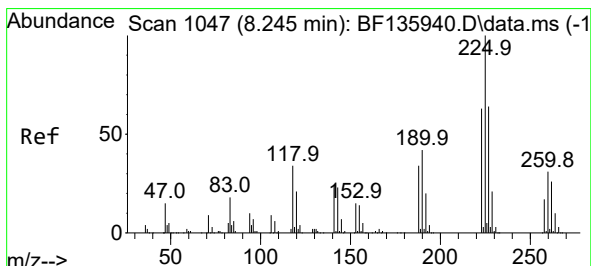
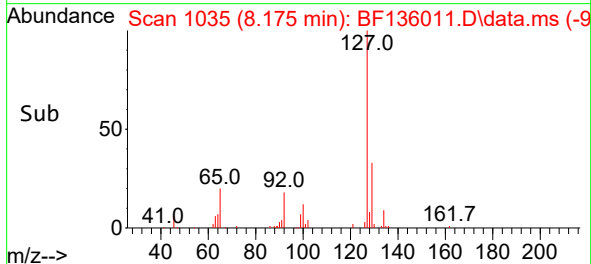
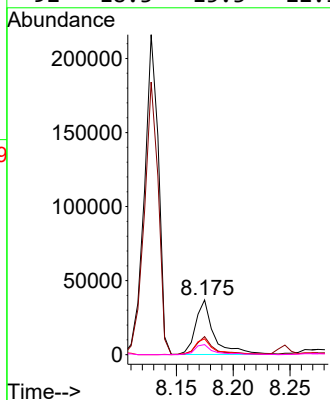
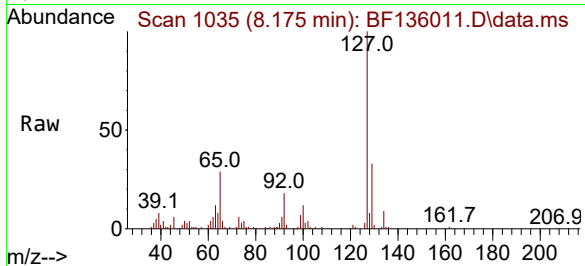




#33
4-Chloroaniline
Concen: 3.651 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

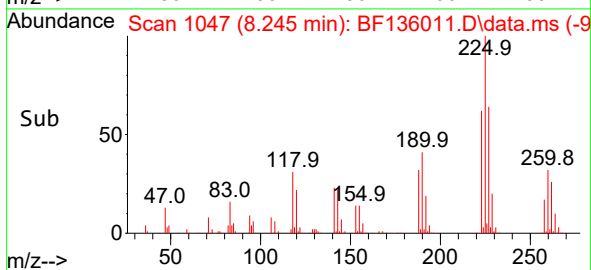
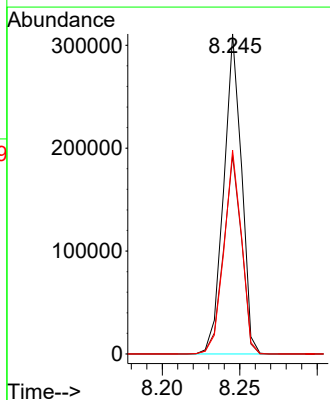
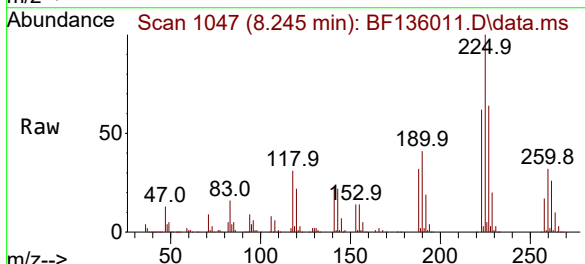
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS

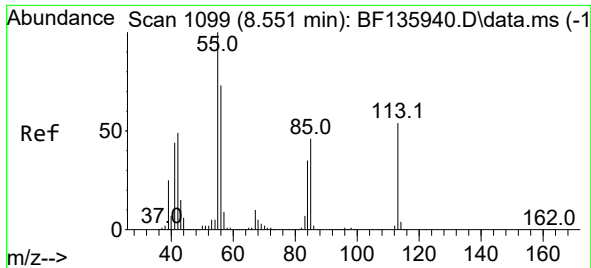
Tgt Ion:	127	Resp:	41836
Ion Ratio	Lower	Upper	
127	100		
129	33.0	25.7	38.5
65	29.0	24.8	37.2
92	18.3	15.3	22.9



#34
Hexachlorobutadiene
Concen: 56.241 ng
RT: 8.245 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

Tgt Ion:	225	Resp:	248290
Ion Ratio	Lower	Upper	
225	100		
223	62.0	50.6	75.8
227	63.7	50.9	76.3

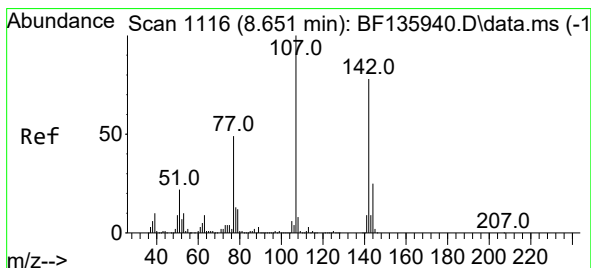
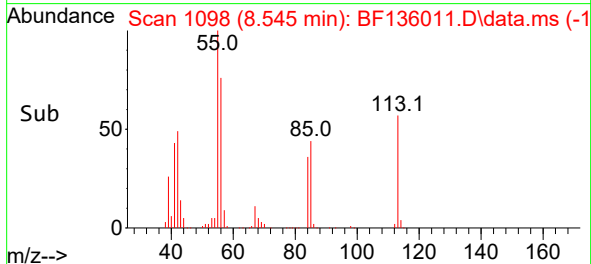
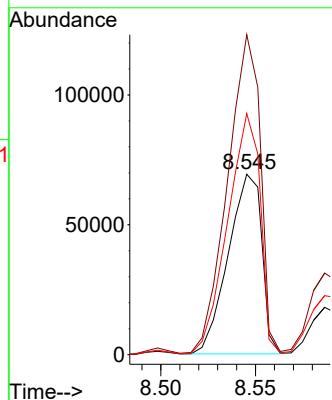
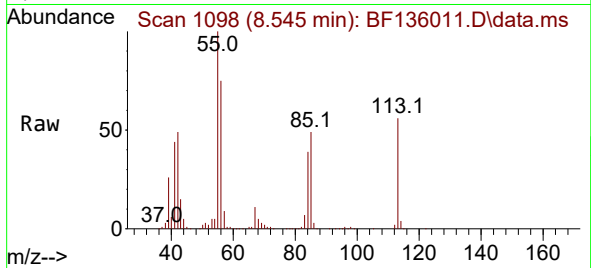




#35
 Caprolactam
 Concen: 36.937 ng
 RT: 8.545 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: BF136011.D
 Acq: 28 Oct 2023 18:10

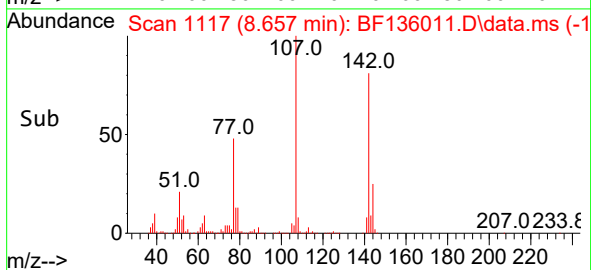
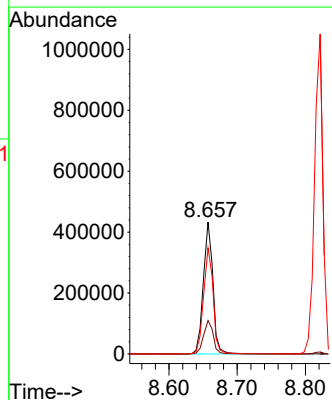
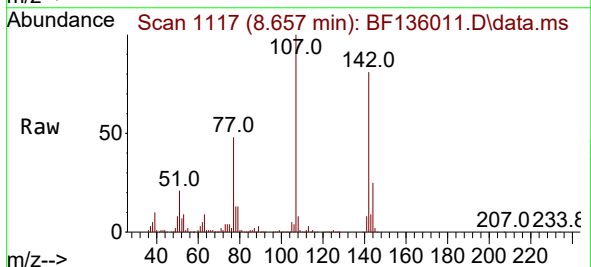
Instrument :
 BNA_F
 ClientSampleId :
 SU-622-VOC-04MS

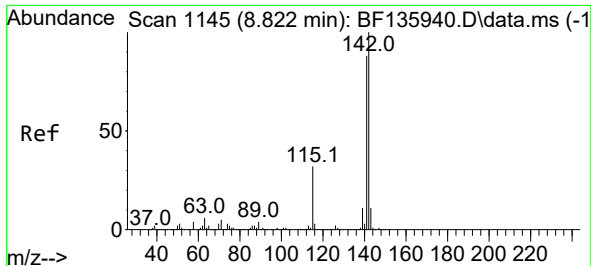
Tgt Ion:113 Resp: 85031
 Ion Ratio Lower Upper
 113 100
 55 177.2 165.4 205.4
 56 133.6 115.2 155.2



#36
 4-Chloro-3-methylphenol
 Concen: 57.666 ng
 RT: 8.657 min Scan# 1117
 Delta R.T. 0.006 min
 Lab File: BF136011.D
 Acq: 28 Oct 2023 18:10

Tgt Ion:107 Resp: 423930
 Ion Ratio Lower Upper
 107 100
 144 25.4 19.9 29.9
 142 80.5 62.8 94.2

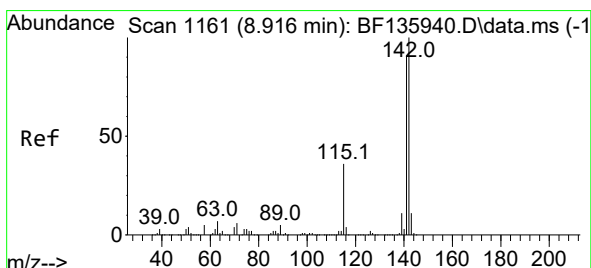
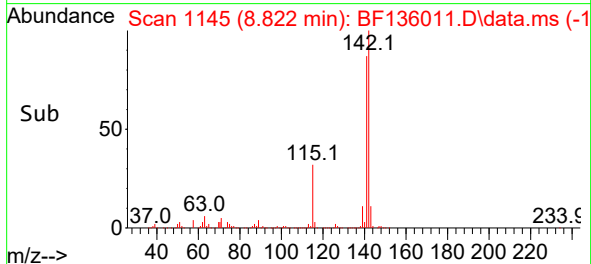
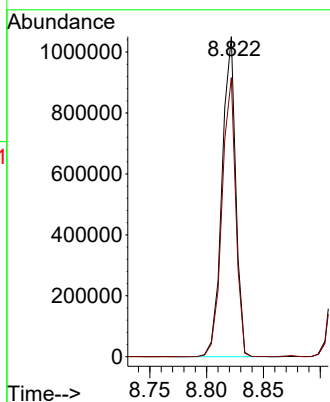
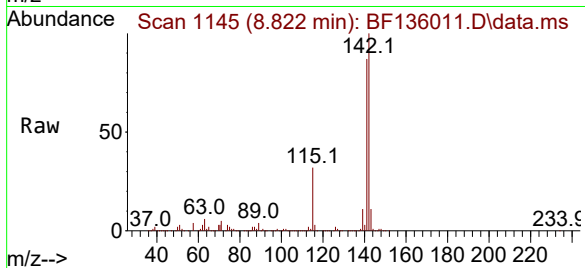




#37
2-Methylnaphthalene
Concen: 51.657 ng
RT: 8.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

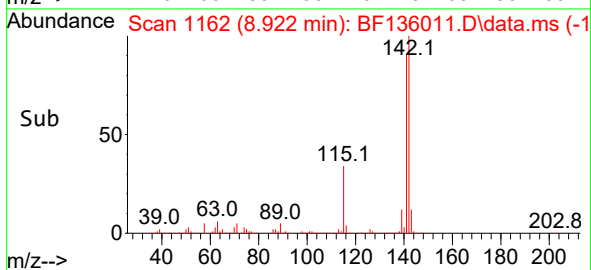
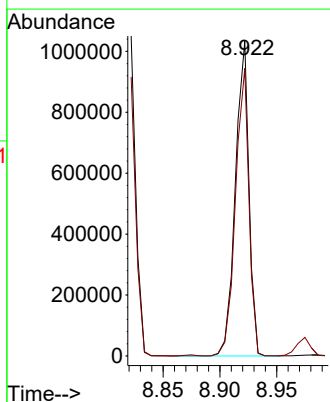
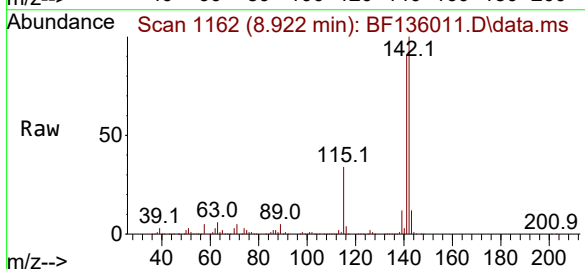
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS

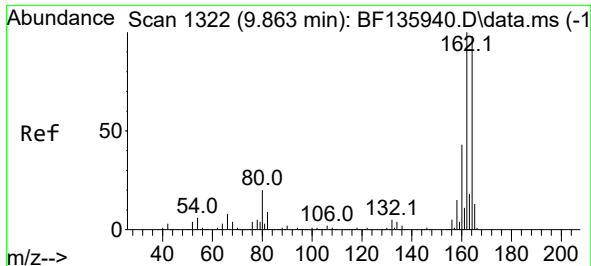
Tgt Ion:142 Resp: 886103
Ion Ratio Lower Upper
142 100
141 87.2 70.4 105.6



#38
1-Methylnaphthalene
Concen: 53.378 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

Tgt Ion:142 Resp: 855562
Ion Ratio Lower Upper
142 100
141 91.3 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BF136011.D

Acq: 28 Oct 2023 18:10

Instrument :

BNA_F

ClientSampleId :

SU-622-VOC-04MS

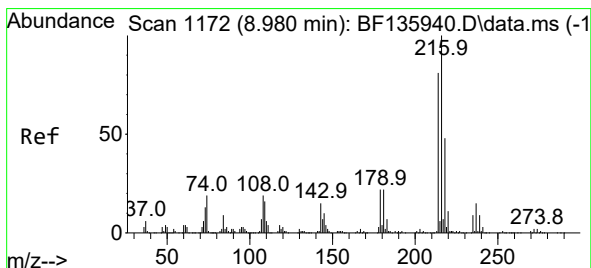
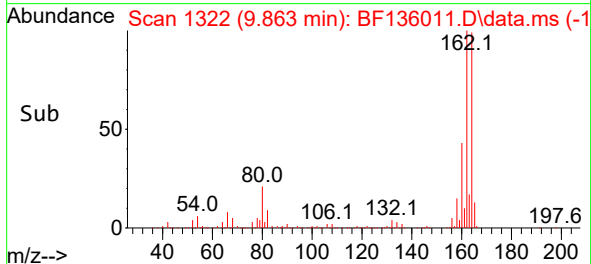
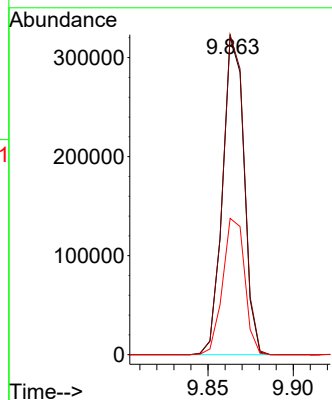
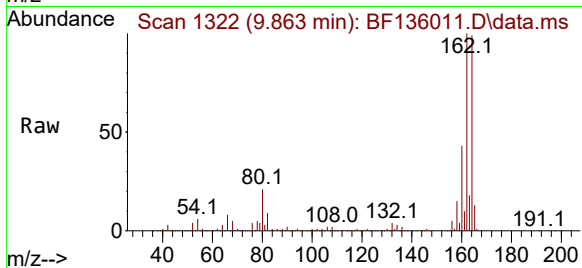
Tgt Ion:164 Resp: 281177

Ion Ratio Lower Upper

164 100

162 100.7 82.0 123.0

160 42.9 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.265 ng

RT: 8.986 min Scan# 1173

Delta R.T. 0.006 min

Lab File: BF136011.D

Acq: 28 Oct 2023 18:10

Tgt Ion:216 Resp: 415067

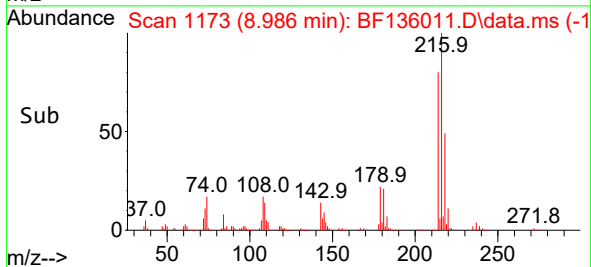
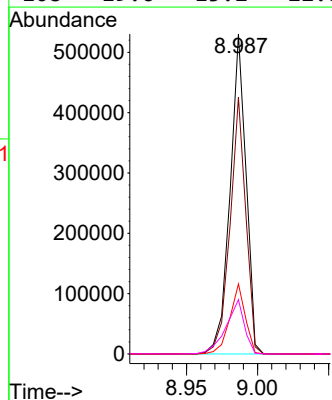
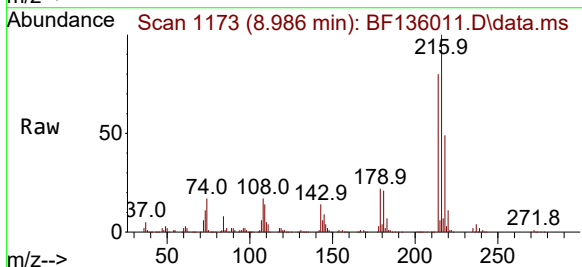
Ion Ratio Lower Upper

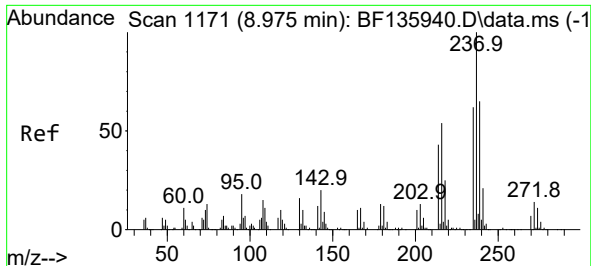
216 100

214 78.9 63.3 94.9

179 21.4 17.3 25.9

108 19.6 15.2 22.8

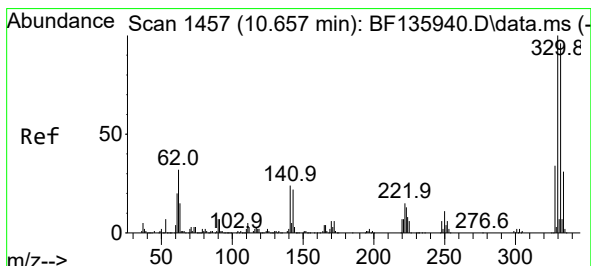
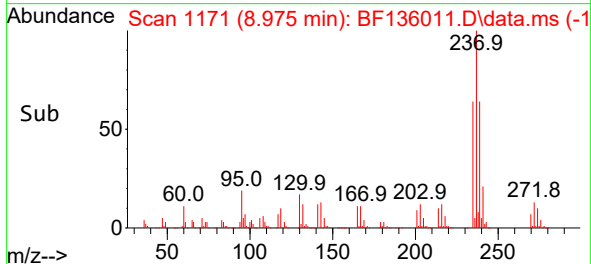
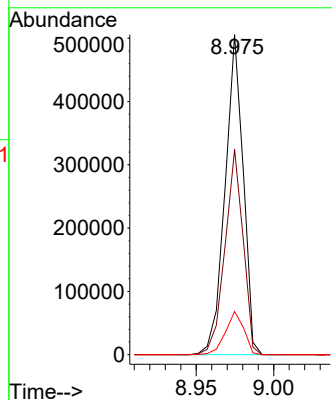
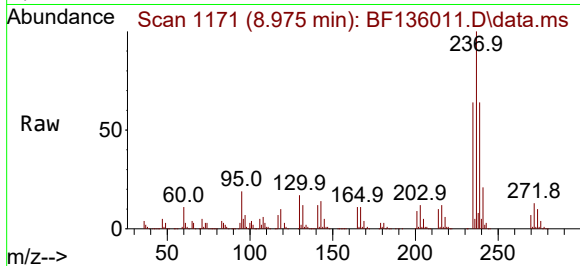




#41
Hexachlorocyclopentadiene
Concen: 104.995 ng
RT: 8.975 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

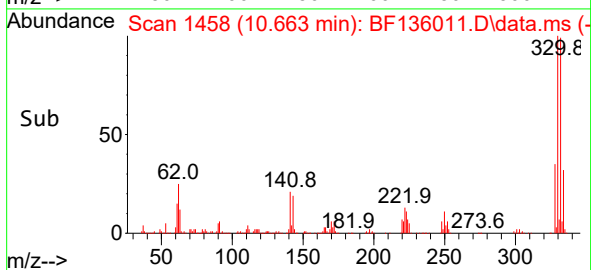
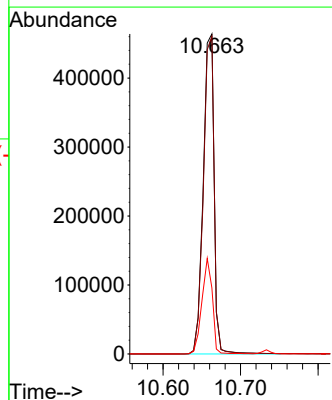
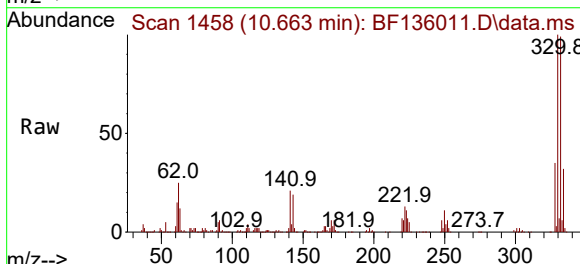
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS

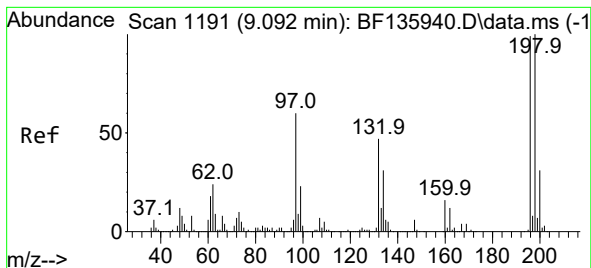
Tgt Ion: 237 Resp: 411145
Ion Ratio Lower Upper
237 100
235 64.1 41.7 81.7
272 13.5 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 183.423 ng
RT: 10.663 min Scan# 1458
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

Tgt Ion: 330 Resp: 451429
Ion Ratio Lower Upper
330 100
332 98.4 77.4 116.2
141 28.8 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 60.085 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.006 min

Lab File: BF136011.D

Acq: 28 Oct 2023 18:10

Instrument :

BNA_F

ClientSampleId :

SU-622-VOC-04MS

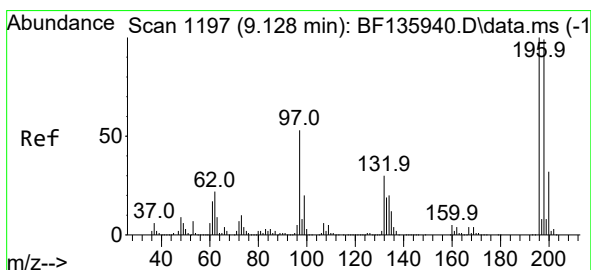
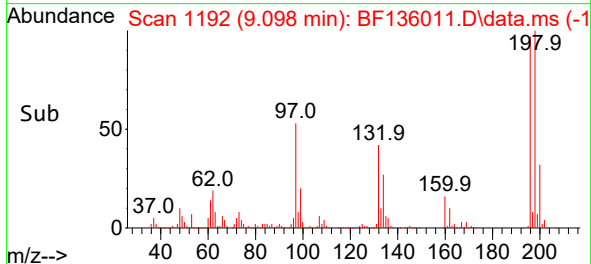
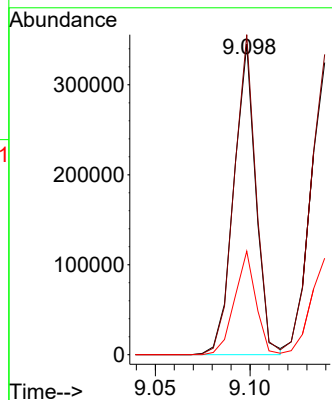
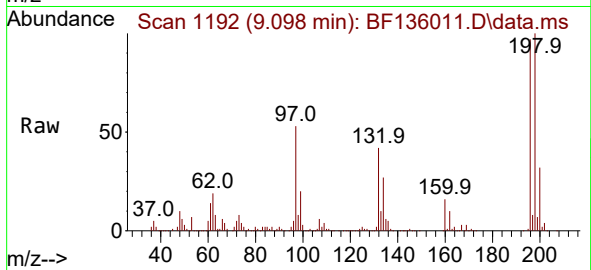
Tgt Ion:196 Resp: 279283

Ion Ratio Lower Upper

196 100

198 103.0 81.0 121.4

200 33.3 25.4 38.0



#44

2,4,5-Trichlorophenol

Concen: 55.811 ng

RT: 9.139 min Scan# 1199

Delta R.T. 0.012 min

Lab File: BF136011.D

Acq: 28 Oct 2023 18:10

Tgt Ion:196 Resp: 308010

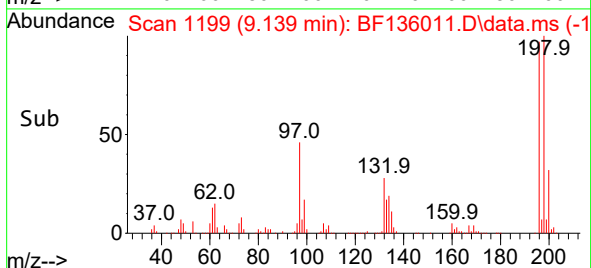
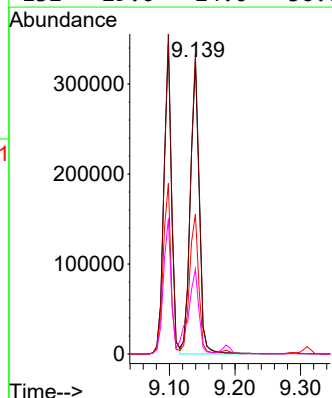
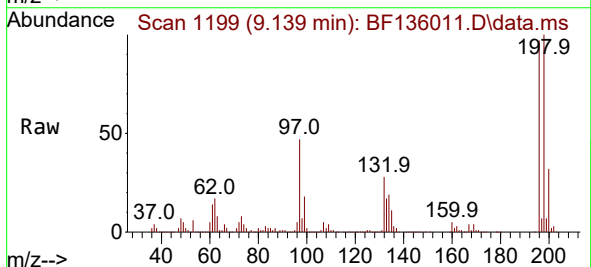
Ion Ratio Lower Upper

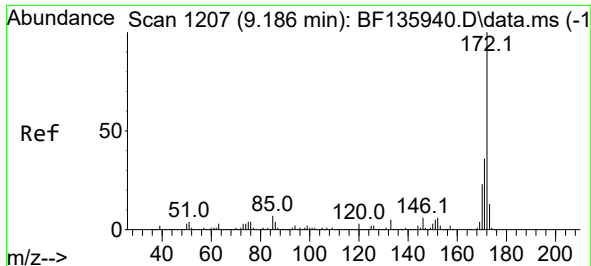
196 100

198 102.8 79.1 118.7

97 47.9 42.3 63.5

132 29.0 24.0 36.0

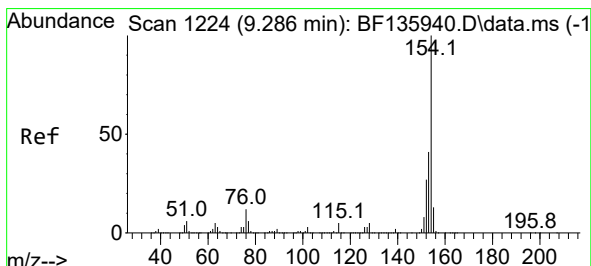
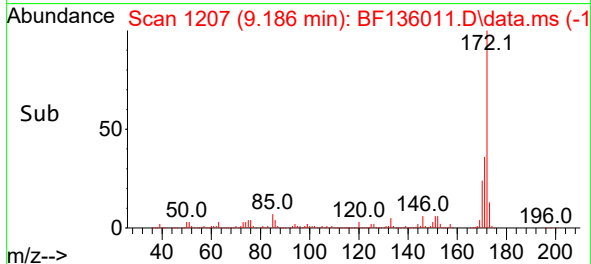
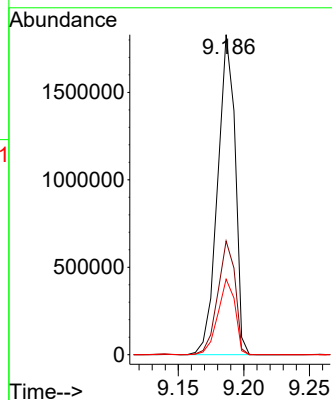
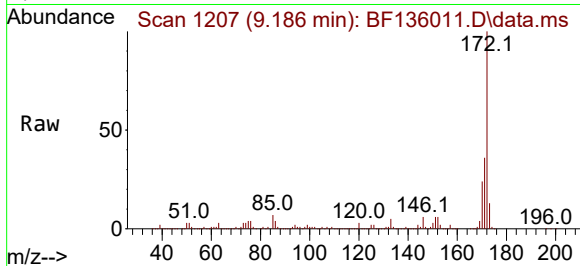




#45
2-Fluorobiphenyl
Concen: 96.380 ng
RT: 9.186 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

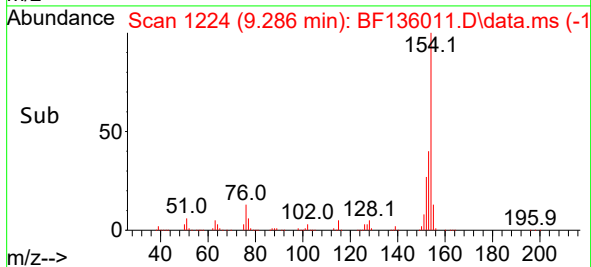
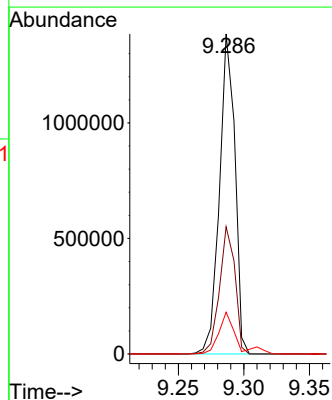
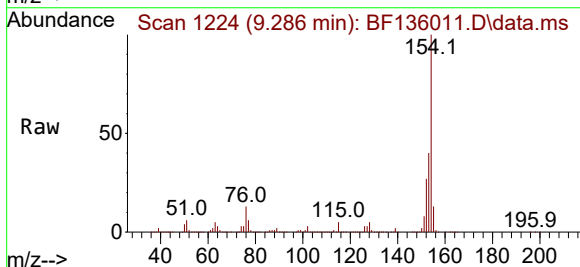
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS

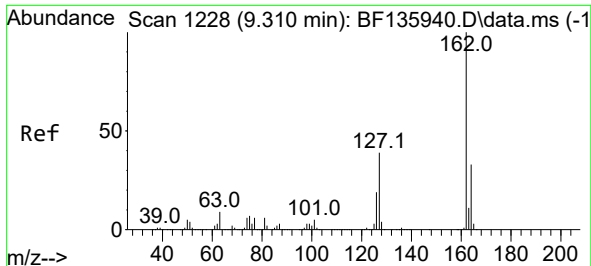
Tgt Ion:172 Resp: 1692427
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.6 18.6 28.0



#46
1,1'-Biphenyl
Concen: 53.062 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

Tgt Ion:154 Resp: 1130525
Ion Ratio Lower Upper
154 100
153 39.7 20.7 60.7
76 13.1 0.0 32.4

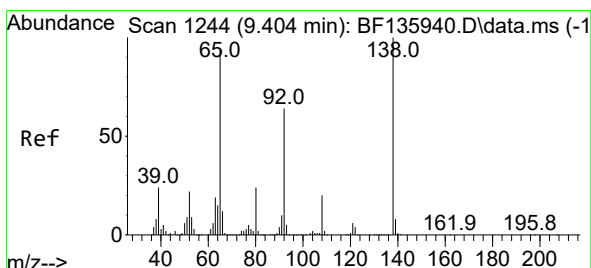
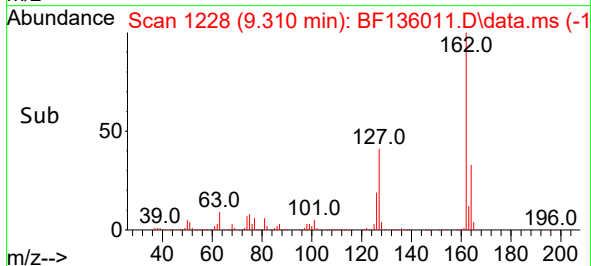
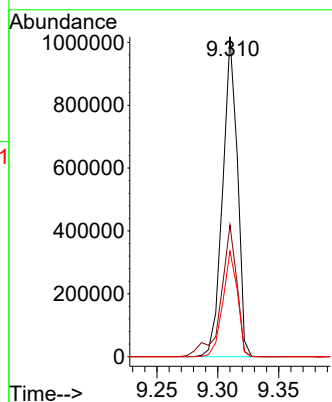
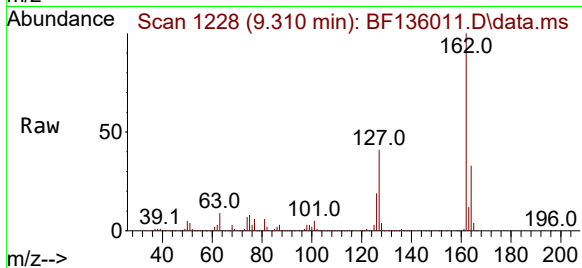




#47
2-Chloronaphthalene
Concen: 54.371 ng
RT: 9.310 min Scan# 1228
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

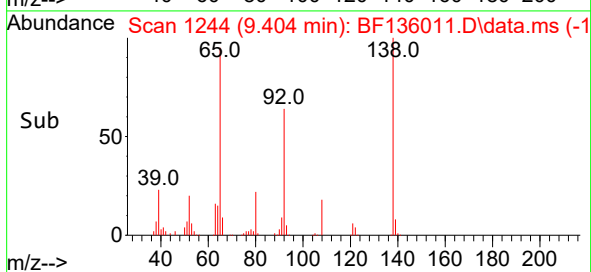
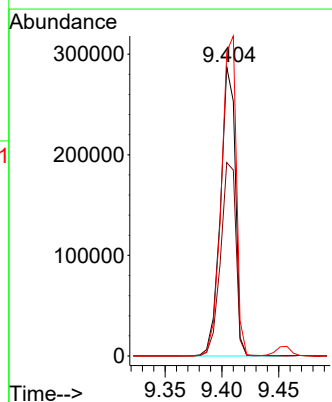
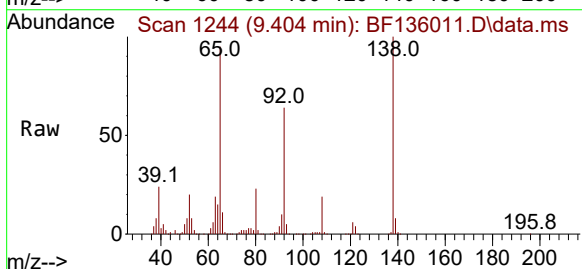
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS

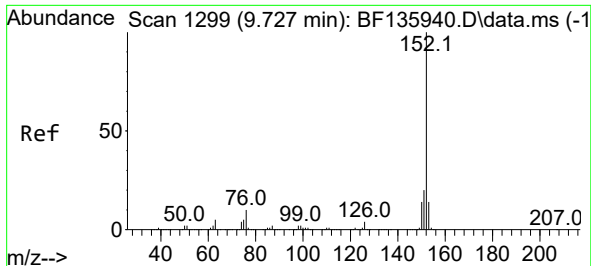
Tgt Ion:162 Resp: 856827
Ion Ratio Lower Upper
162 100
127 41.1 31.0 46.4
164 32.9 26.6 39.8



#48
2-Nitroaniline
Concen: 58.150 ng
RT: 9.404 min Scan# 1244
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

Tgt Ion: 65 Resp: 262609
Ion Ratio Lower Upper
65 100
92 67.0 54.9 82.3
138 105.2 85.2 127.8

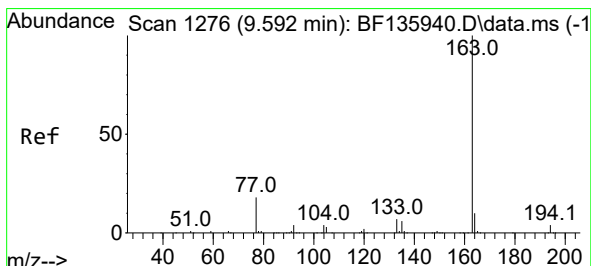
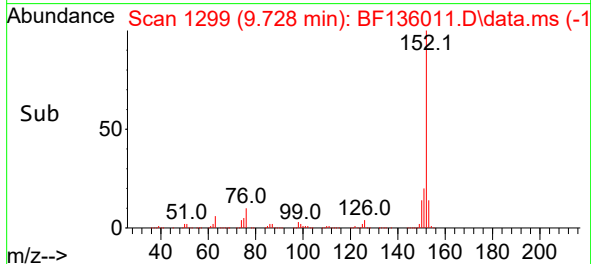
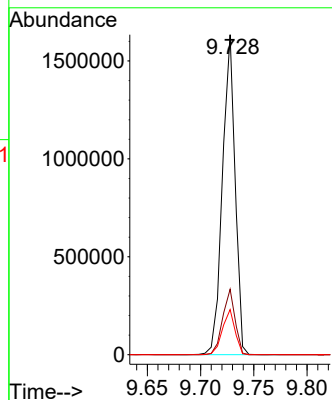
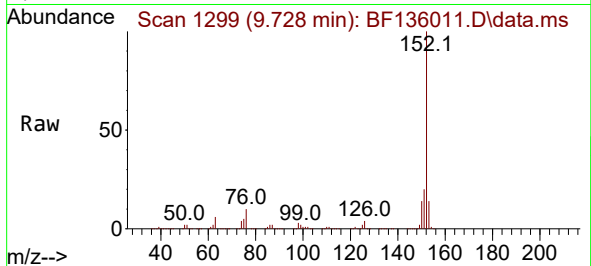




#49
Acenaphthylene
Concen: 54.165 ng
RT: 9.728 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

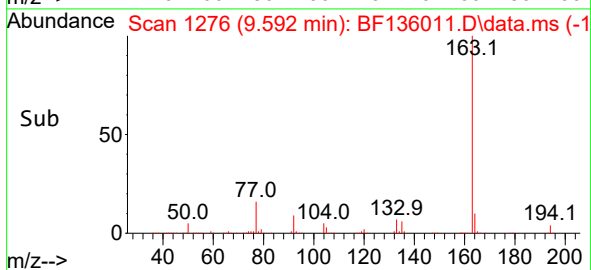
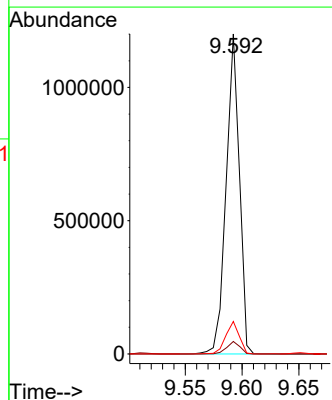
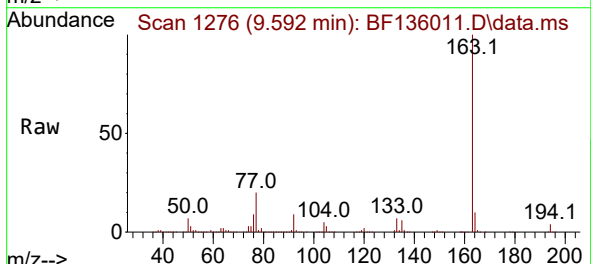
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS

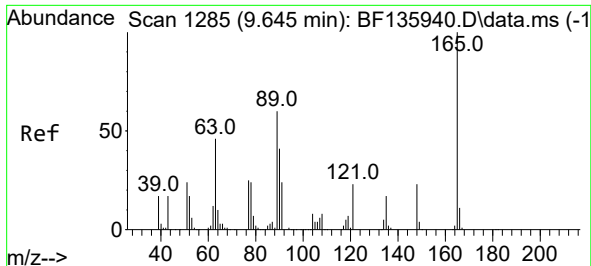
Tgt Ion:152 Resp: 1346610
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 14.1 11.0 16.6



#50
Dimethylphthalate
Concen: 53.444 ng
RT: 9.592 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

Tgt Ion:163 Resp: 974502
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.1 8.3 12.5

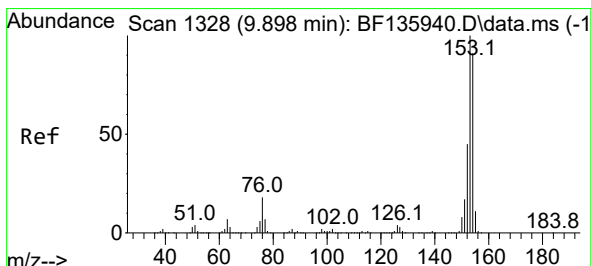
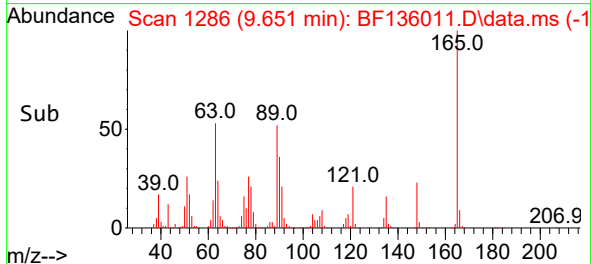
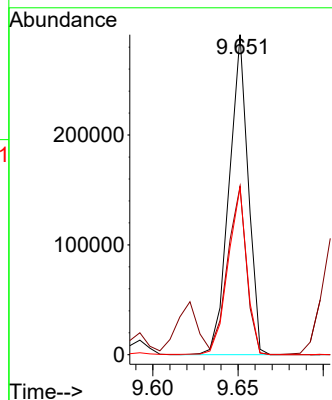
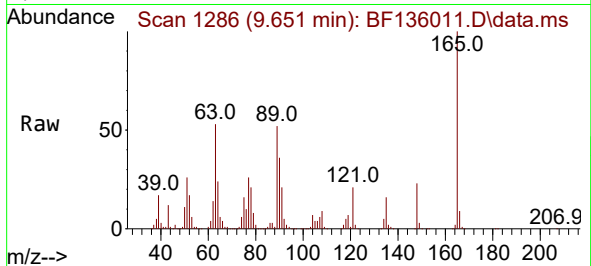




#51
2,6-Dinitrotoluene
Concen: 58.758 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

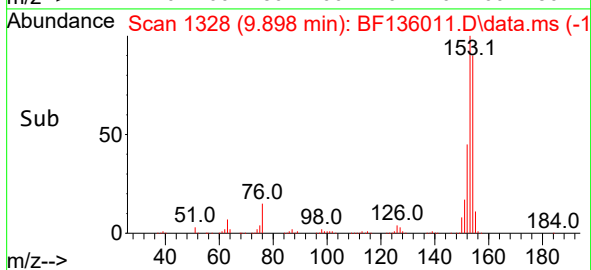
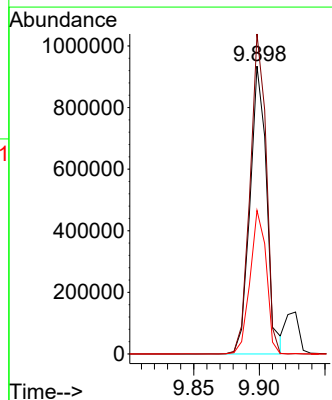
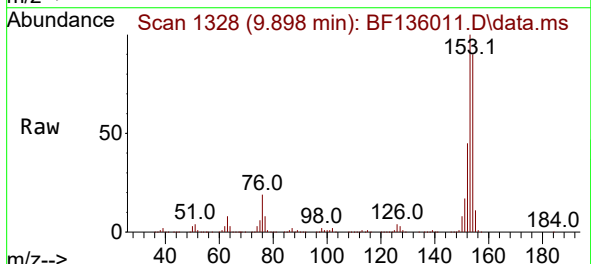
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS

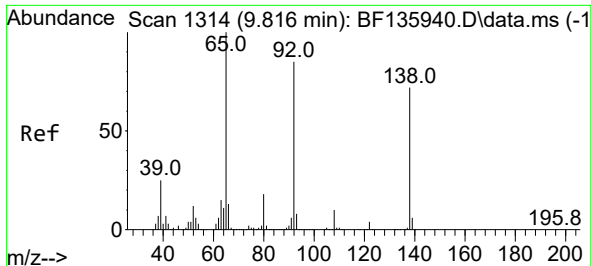
Tgt Ion:165 Resp: 226705
Ion Ratio Lower Upper
165 100
63 52.6 51.7 77.5
89 52.3 48.3 72.5



#52
Acenaphthene
Concen: 51.533 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

Tgt Ion:154 Resp: 821073
Ion Ratio Lower Upper
154 100
153 111.2 88.0 132.0
152 49.9 39.4 59.2

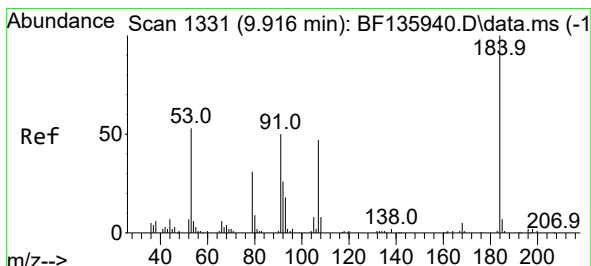
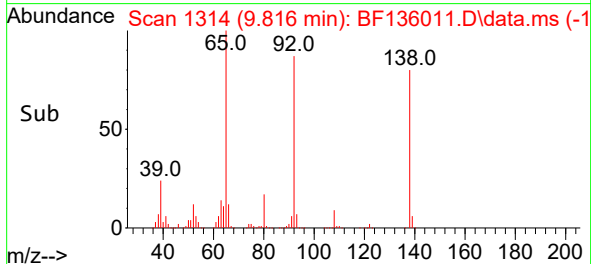
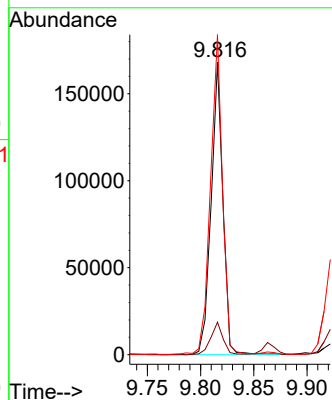
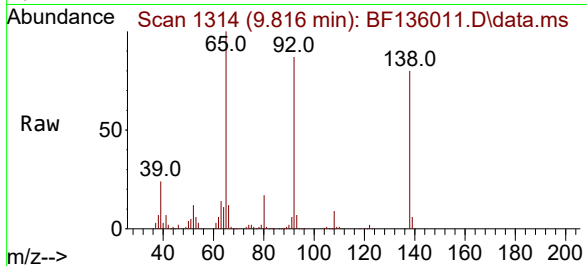




#53
3-Nitroaniline
Concen: 30.498 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

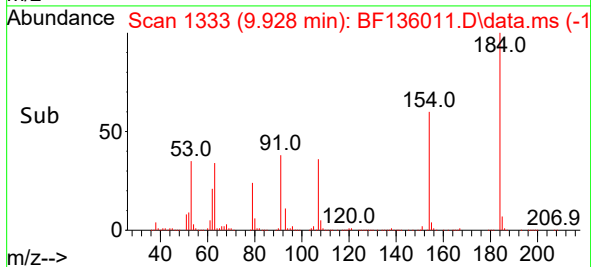
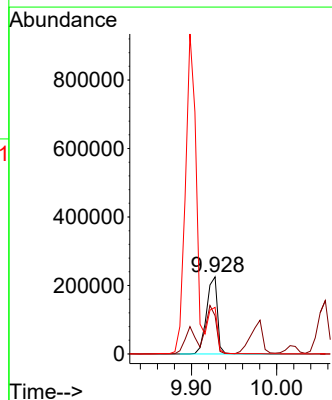
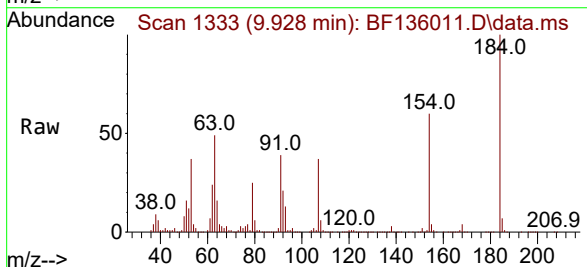
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS

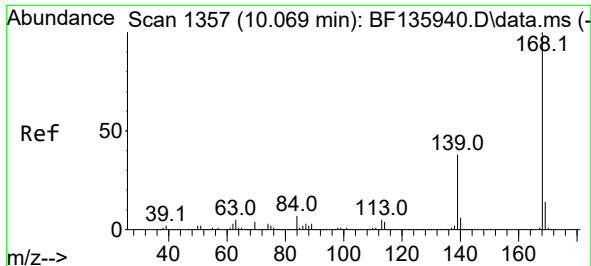
Tgt Ion:138 Resp: 129641
Ion Ratio Lower Upper
138 100
108 11.1 11.3 16.9#
92 109.4 95.0 142.6



#54
2,4-Dinitrophenol
Concen: 106.822 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.012 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

Tgt Ion:184 Resp: 198852
Ion Ratio Lower Upper
184 100
63 49.5 56.3 84.5#
154 60.5 48.1 72.1

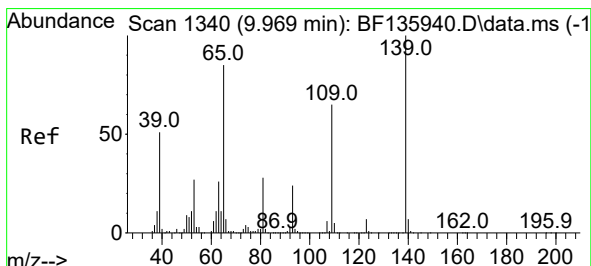
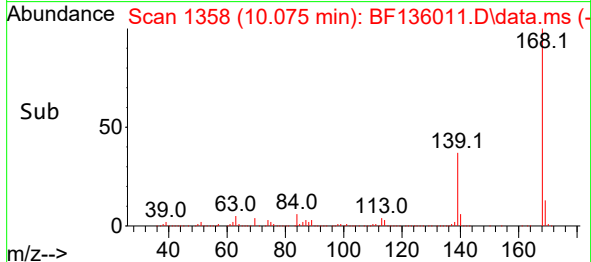
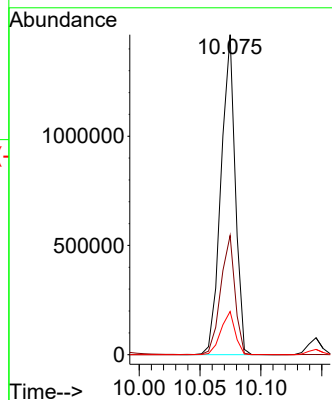
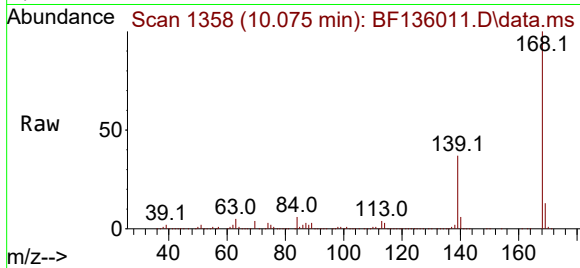




#55
Dibenzenofuran
Concen: 51.857 ng
RT: 10.075 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

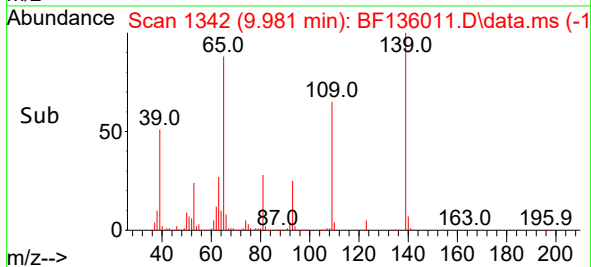
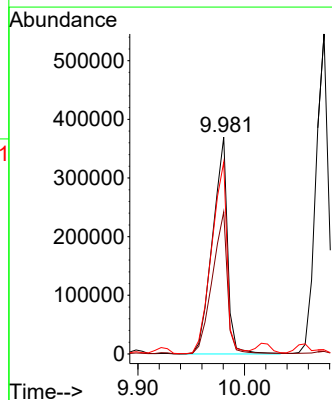
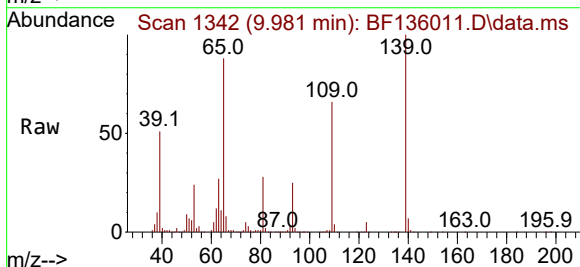
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS

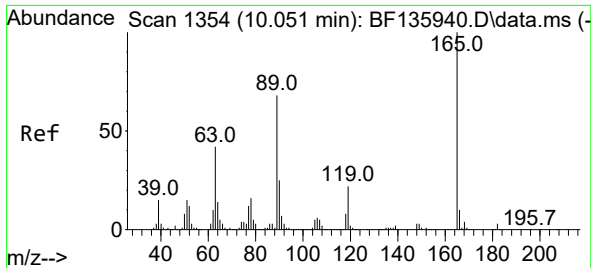
Tgt Ion:168 Resp: 1193614
Ion Ratio Lower Upper
168 100
139 37.2 30.7 46.1
169 13.5 11.1 16.7



#56
4-Nitrophenol
Concen: 97.038 ng
RT: 9.981 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

Tgt Ion:139 Resp: 362197
Ion Ratio Lower Upper
139 100
109 65.5 45.2 85.2
65 88.5 65.1 105.1

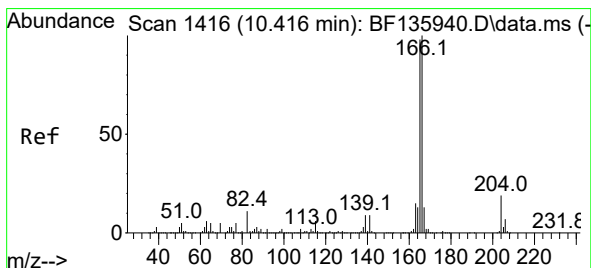
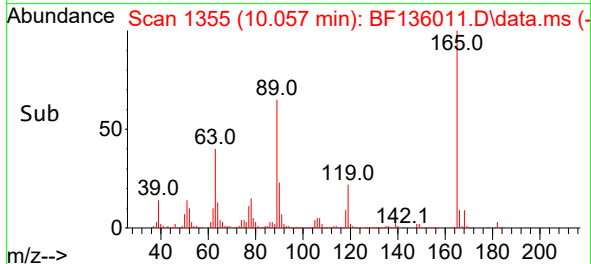
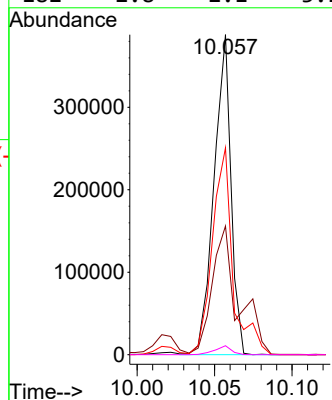
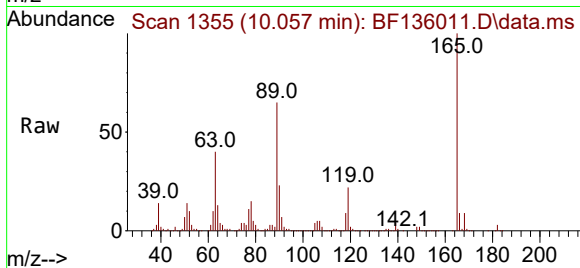




#57
2,4-Dinitrotoluene
Concen: 61.309 ng
RT: 10.057 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

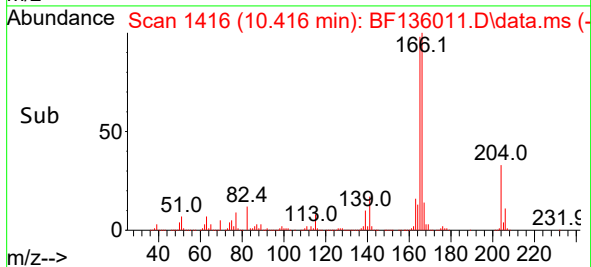
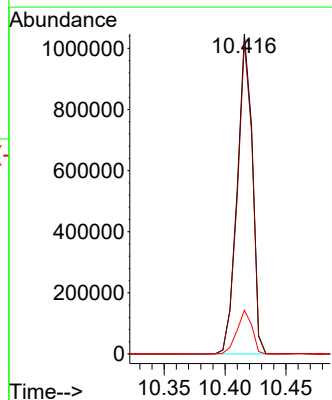
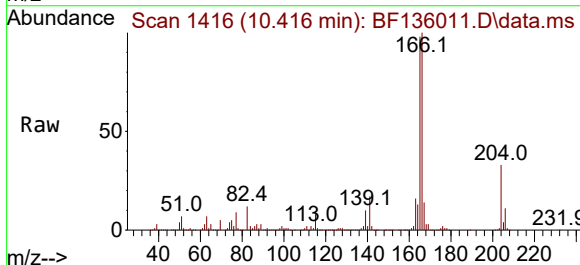
Instrument :
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ClientSampleId :
SU-622-VOC-04MS

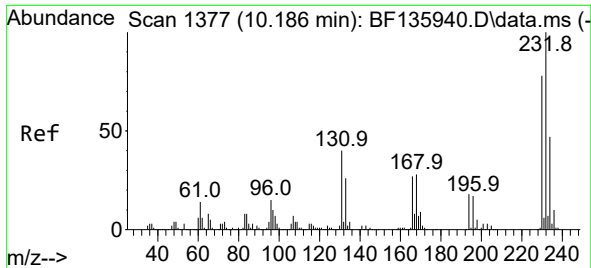
Tgt Ion:165 Resp: 295484
Ion Ratio Lower Upper
165 100
63 40.2 33.7 50.5
89 64.6 54.6 81.8
182 2.8 2.1 3.1



#58
Fluorene
Concen: 52.270 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

Tgt Ion:166 Resp: 900125
Ion Ratio Lower Upper
166 100
165 97.6 78.0 117.0
167 13.7 10.6 16.0

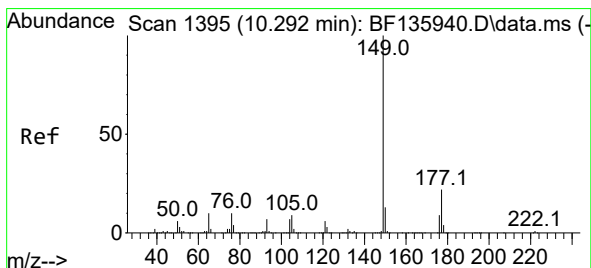
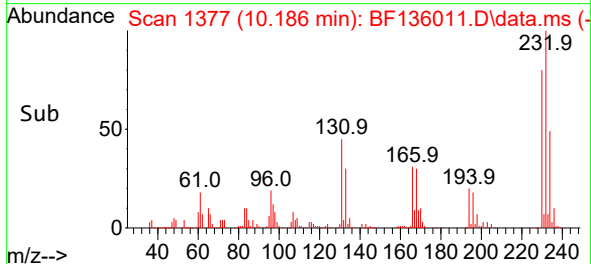
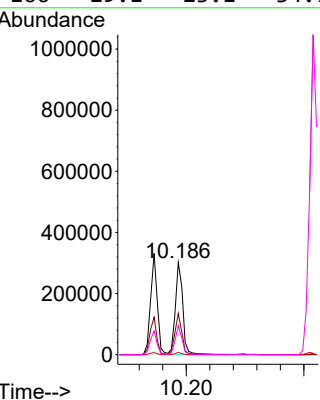
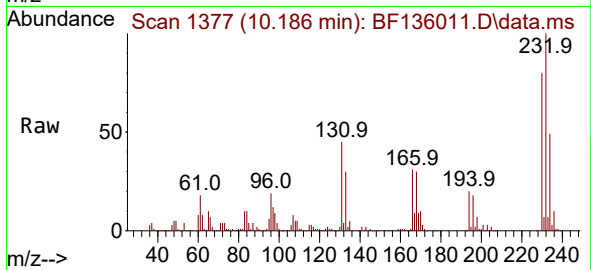




#59
2,3,4,6-Tetrachlorophenol
Concen: 63.441 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

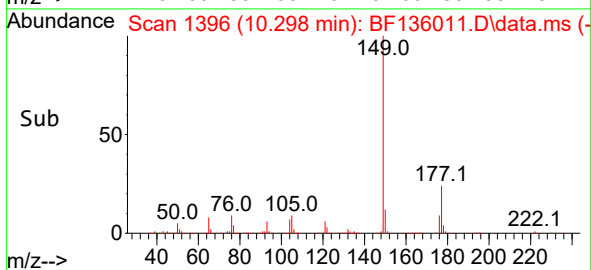
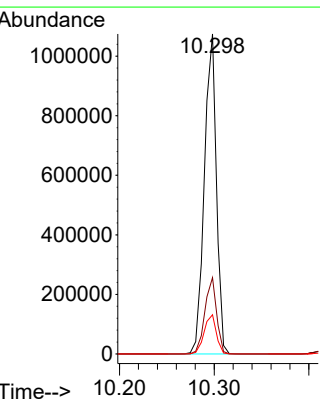
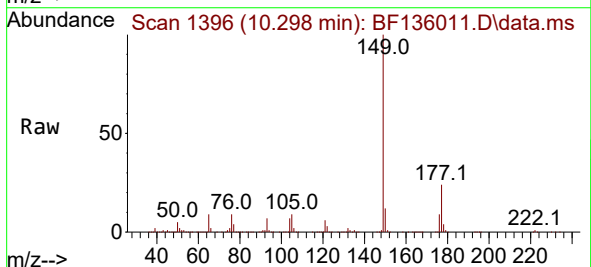
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS

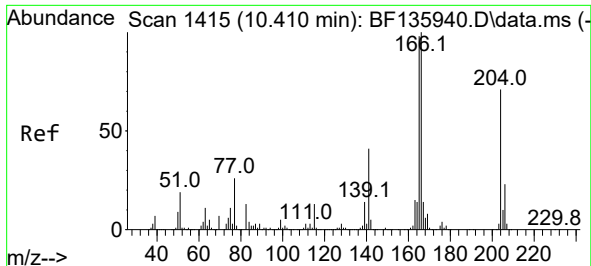
Tgt Ion:232 Resp: 263459
Ion Ratio Lower Upper
232 100
131 41.9 35.2 52.8
130 2.1 1.7 2.5
166 29.1 23.1 34.7



#60
Diethylphthalate
Concen: 54.391 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

Tgt Ion:149 Resp: 945753
Ion Ratio Lower Upper
149 100
177 23.9 17.9 26.9
150 12.2 10.2 15.2

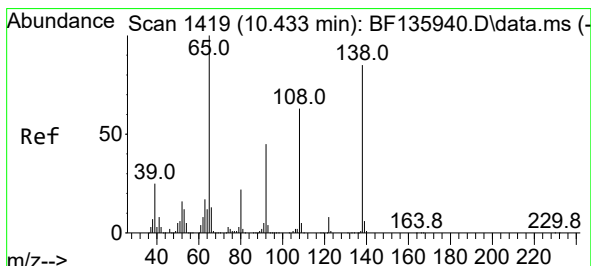
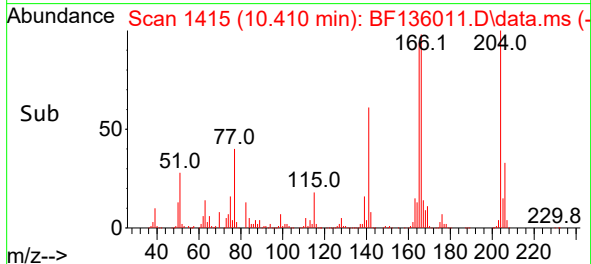
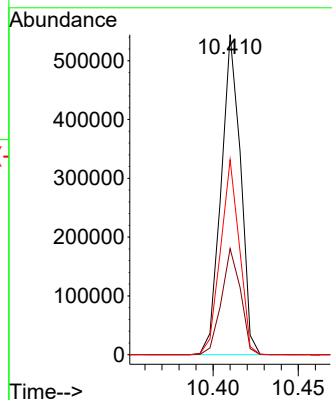
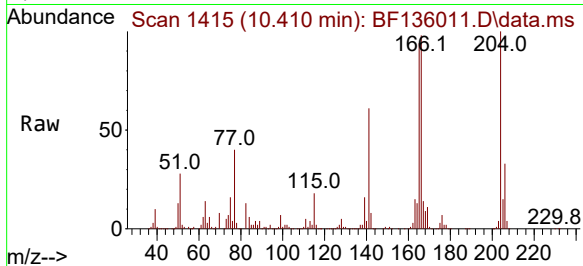




#61
4-Chlorophenyl-phenylether
Concen: 51.897 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

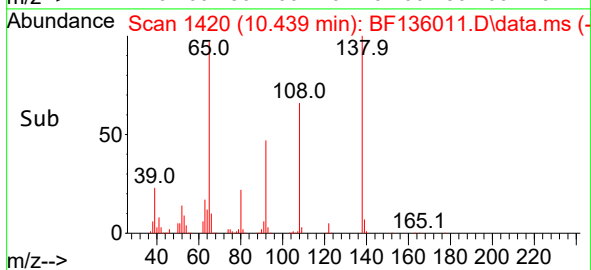
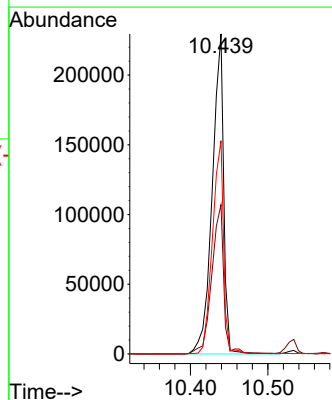
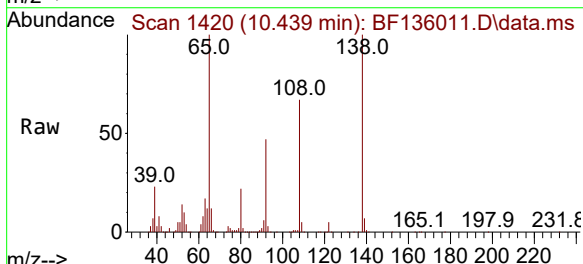
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS

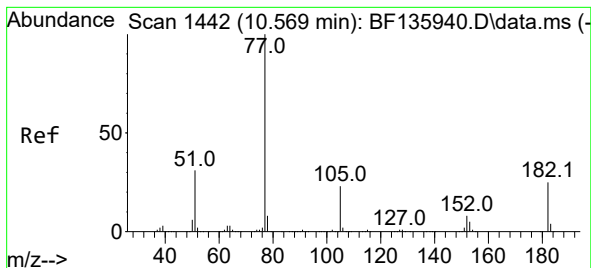
Tgt Ion:204 Resp: 431101
Ion Ratio Lower Upper
204 100
206 33.2 26.4 39.6
141 60.9 46.2 69.2



#62
4-Nitroaniline
Concen: 52.077 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

Tgt Ion:138 Resp: 235202
Ion Ratio Lower Upper
138 100
92 46.7 32.9 72.9
108 66.6 53.5 93.5





#63

Azobenzene

Concen: 50.896 ng

RT: 10.575 min Scan# 1443

Delta R.T. 0.006 min

Lab File: BF136011.D

Acq: 28 Oct 2023 18:10

Instrument :

BNA_F

ClientSampleId :

SU-622-VOC-04MS

Tgt Ion: 77 Resp: 898095

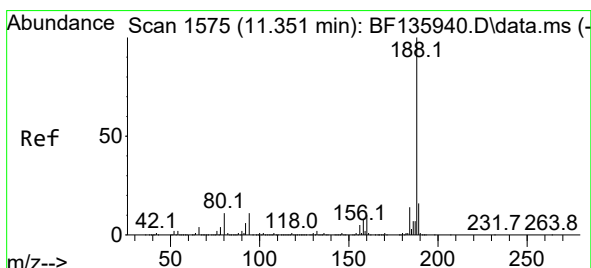
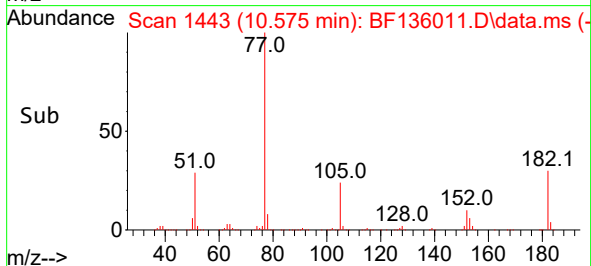
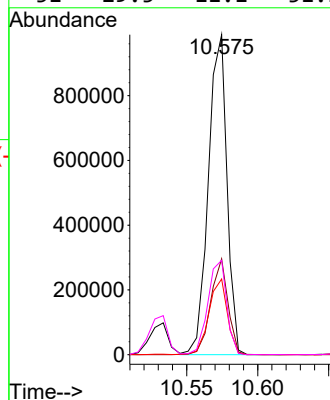
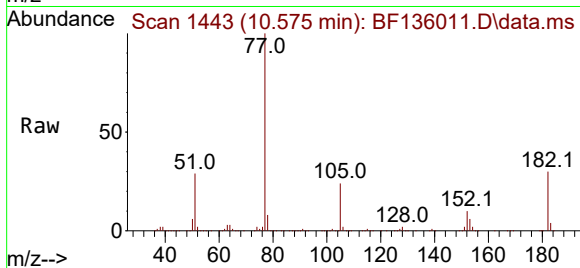
Ion Ratio Lower Upper

77 100

182 29.9 5.1 45.1

105 23.7 2.8 42.8

51 29.5 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1576

Delta R.T. 0.006 min

Lab File: BF136011.D

Acq: 28 Oct 2023 18:10

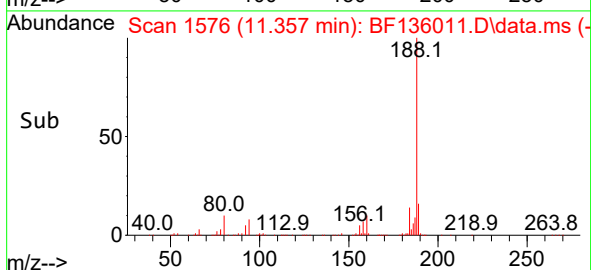
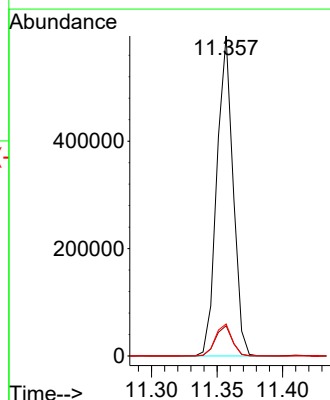
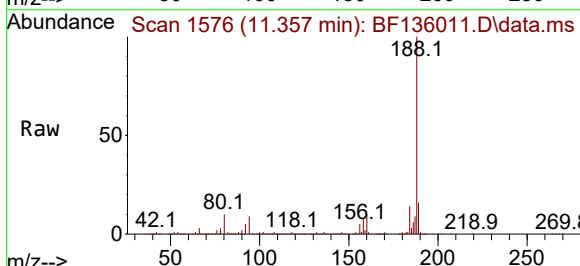
Tgt Ion: 188 Resp: 510515

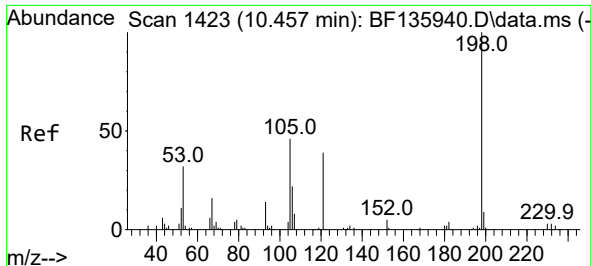
Ion Ratio Lower Upper

188 100

94 9.4 8.6 13.0

80 10.0 9.0 13.6

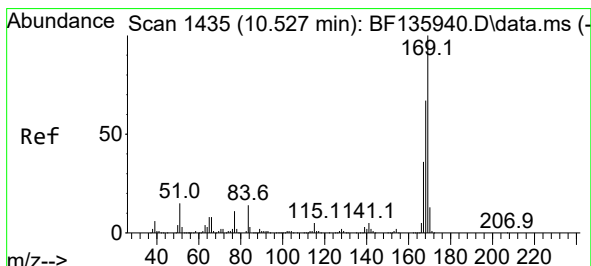
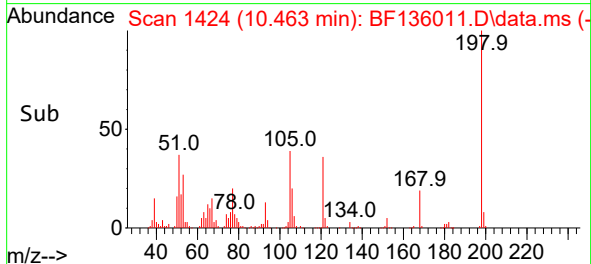
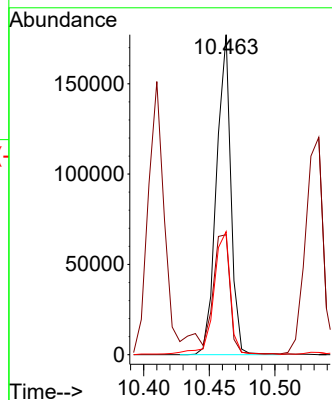
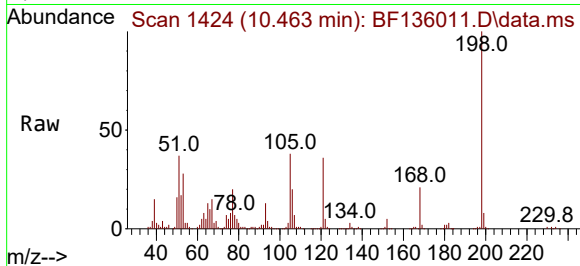




#65
4,6-Dinitro-2-methylphenol
Concen: 67.494 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

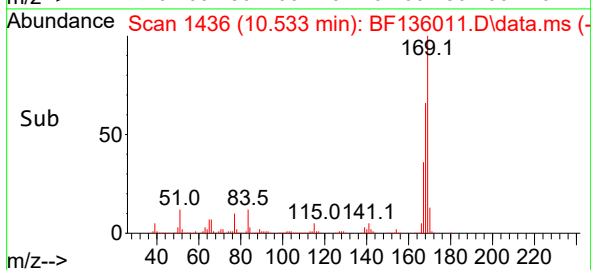
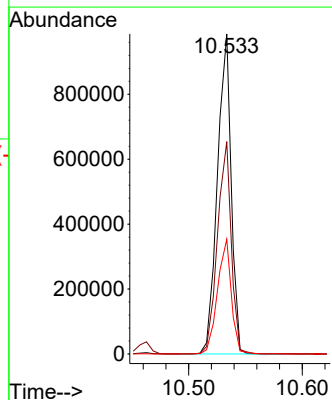
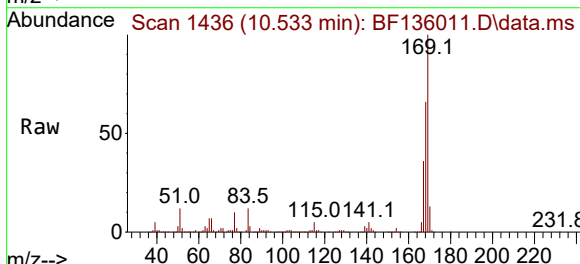
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS

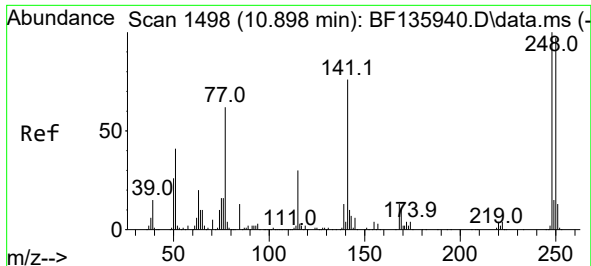
Tgt Ion:198 Resp: 134979
Ion Ratio Lower Upper
198 100
51 37.5 28.7 68.7
105 38.5 27.2 67.2



#66
n-Nitrosodiphenylamine
Concen: 53.959 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

Tgt Ion:169 Resp: 832196
Ion Ratio Lower Upper
169 100
168 66.4 53.5 80.3
167 35.9 29.0 43.4

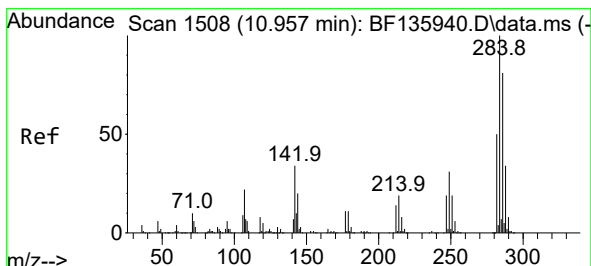
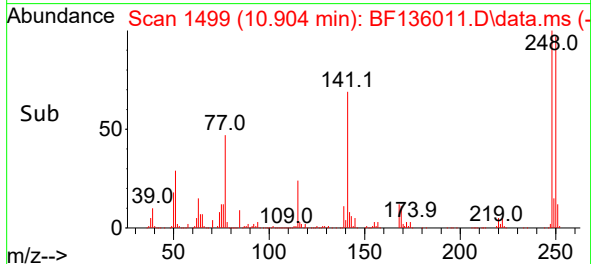
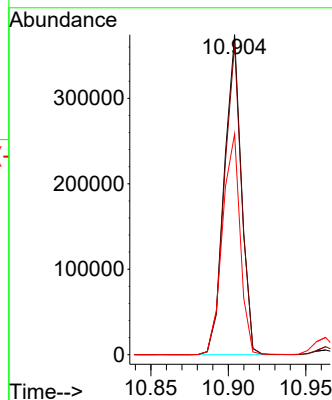
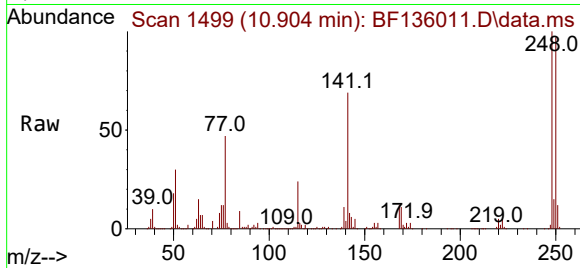




#67
4-Bromophenyl-phenylether
Concen: 55.003 ng
RT: 10.904 min Scan# 1498
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

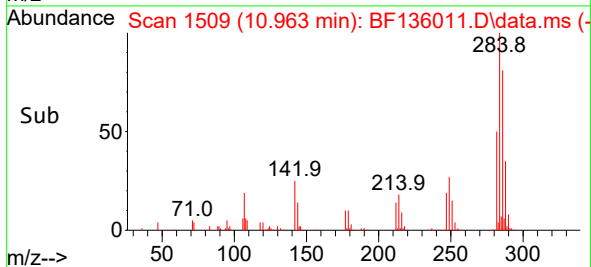
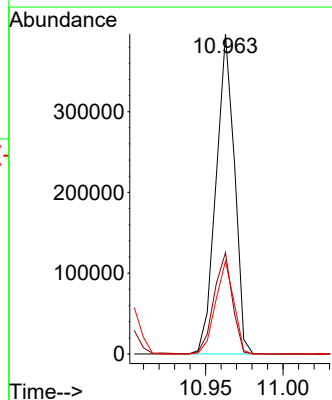
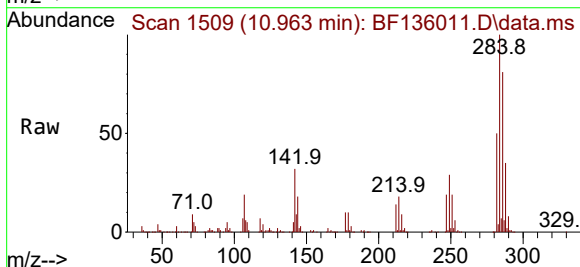
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS

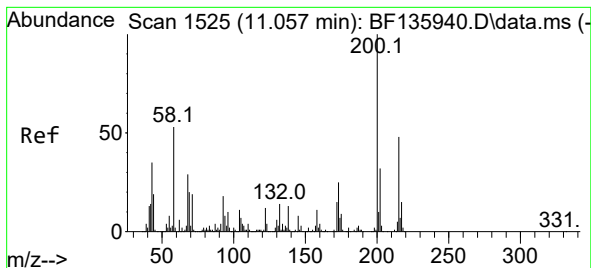
Tgt Ion:248 Resp: 287569
Ion Ratio Lower Upper
248 100
250 97.0 77.9 116.9
141 69.0 60.8 91.2



#68
Hexachlorobenzene
Concen: 58.510 ng
RT: 10.963 min Scan# 1509
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

Tgt Ion:284 Resp: 326778
Ion Ratio Lower Upper
284 100
142 31.6 27.6 41.4
249 29.0 24.7 37.1





#69

Atrazine

Concen: 69.315 ng

RT: 11.063 min Scan# 1525

Delta R.T. 0.006 min

Lab File: BF136011.D

Acq: 28 Oct 2023 18:10

Instrument :

BNA_F

ClientSampleId :

SU-622-VOC-04MS

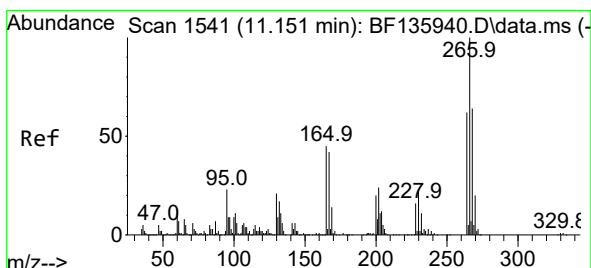
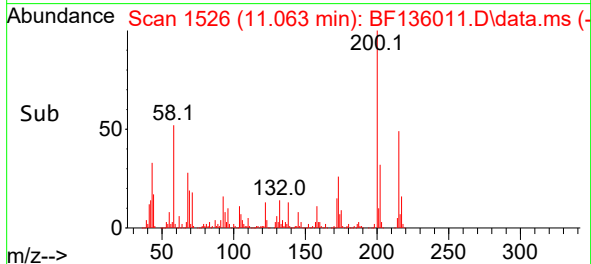
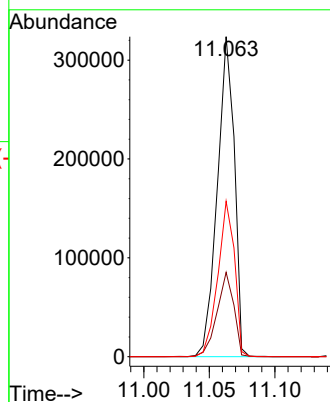
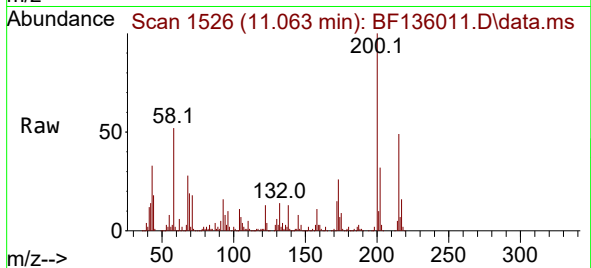
Tgt Ion:200 Resp: 291422

Ion Ratio Lower Upper

200 100

173 26.4 5.5 45.5

215 48.6 27.5 67.5



#70

Pentachlorophenol

Concen: 104.615 ng

RT: 11.157 min Scan# 1542

Delta R.T. 0.006 min

Lab File: BF136011.D

Acq: 28 Oct 2023 18:10

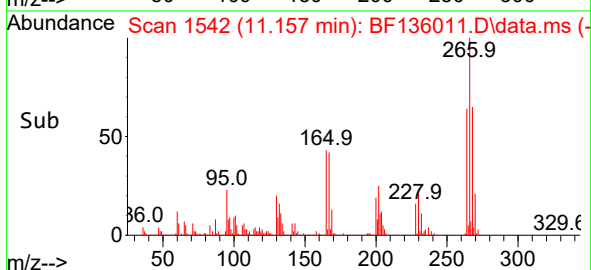
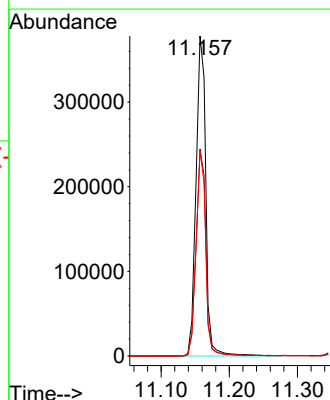
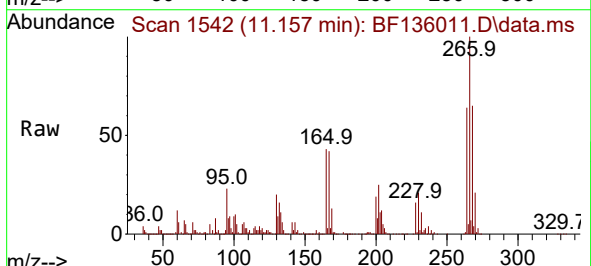
Tgt Ion:266 Resp: 375306

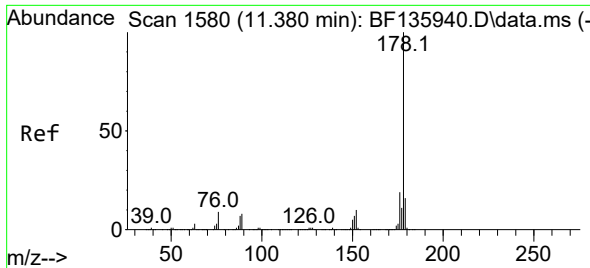
Ion Ratio Lower Upper

266 100

268 64.6 50.8 76.2

264 64.2 49.8 74.6

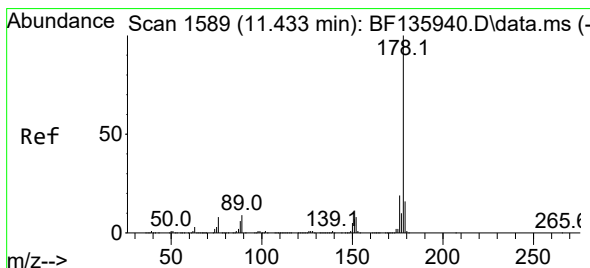
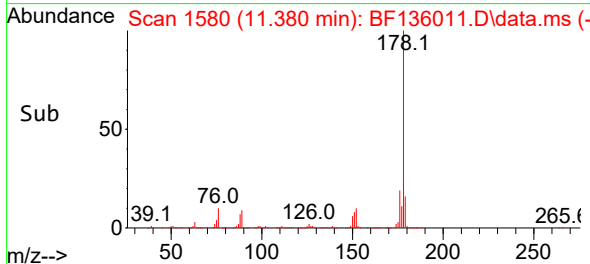
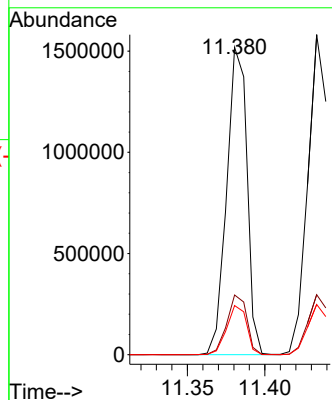
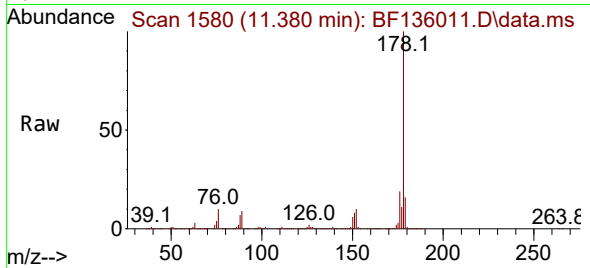




#71
Phenanthrene
Concen: 53.675 ng
RT: 11.380 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

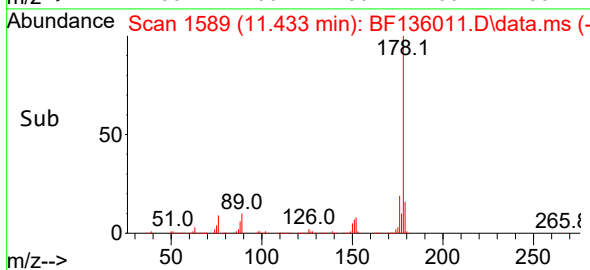
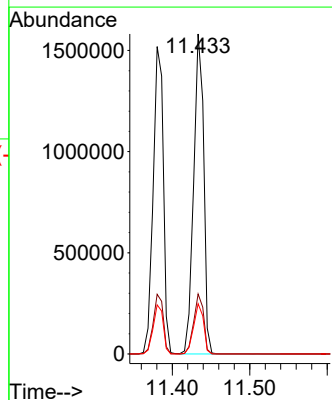
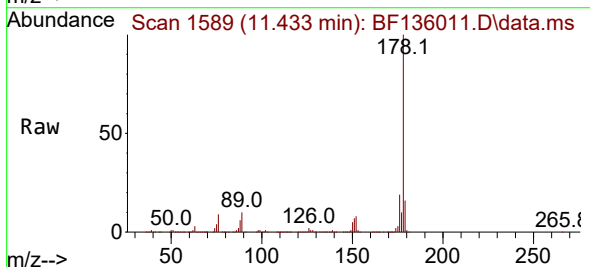
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS

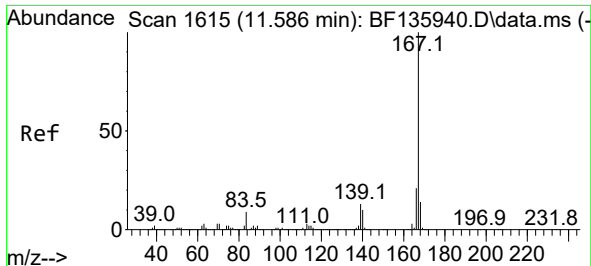
Tgt Ion:178 Resp: 1386329
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 16.0 12.5 18.7



#72
Anthracene
Concen: 53.783 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

Tgt Ion:178 Resp: 1422357
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 15.7 12.5 18.7

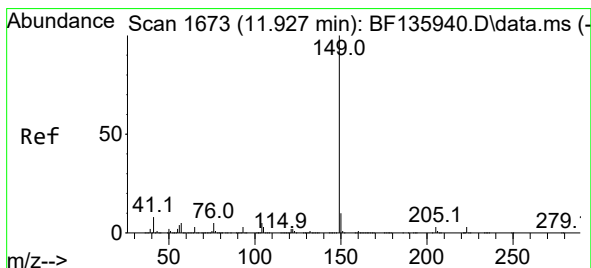
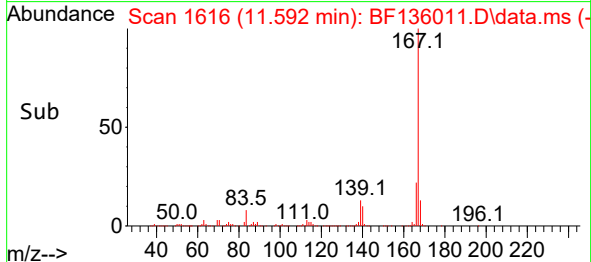
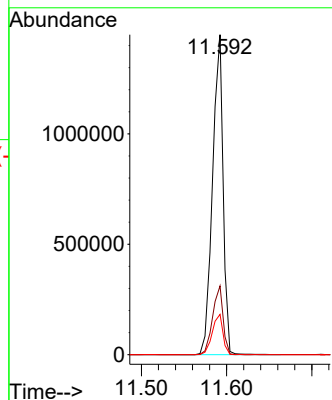
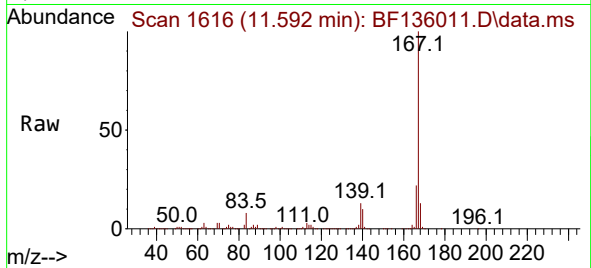




#73
Carbazole
Concen: 52.994 ng
RT: 11.592 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

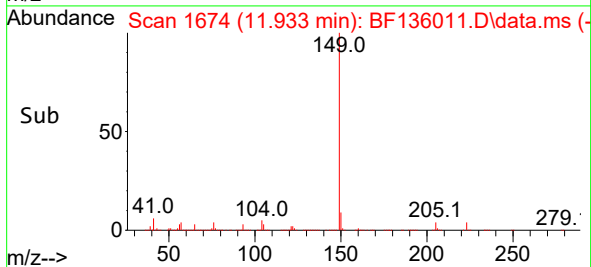
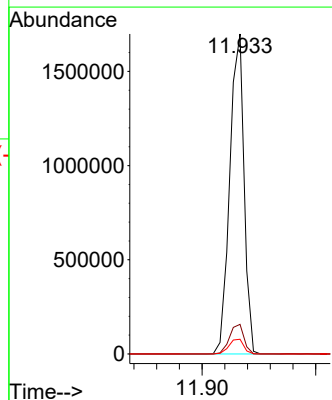
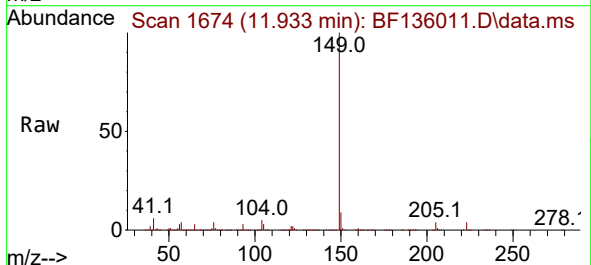
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS

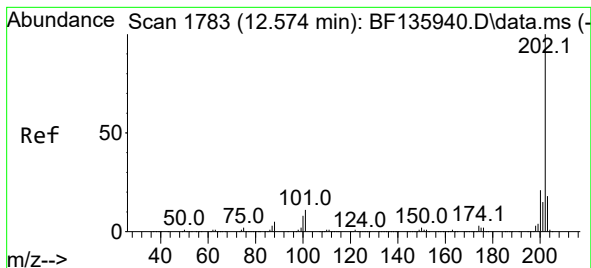
Tgt Ion:167 Resp: 1250201
Ion Ratio Lower Upper
167 100
166 21.5 17.0 25.6
139 12.6 10.4 15.6



#74
Di-n-butylphthalate
Concen: 59.087 ng
RT: 11.933 min Scan# 1674
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

Tgt Ion:149 Resp: 1483318
Ion Ratio Lower Upper
149 100
150 9.2 7.7 11.5
104 4.6 3.9 5.9





#75

Fluoranthene

Concen: 50.614 ng

RT: 12.575 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136011.D

Acq: 28 Oct 2023 18:10

Instrument :

BNA_F

ClientSampleId :

SU-622-VOC-04MS

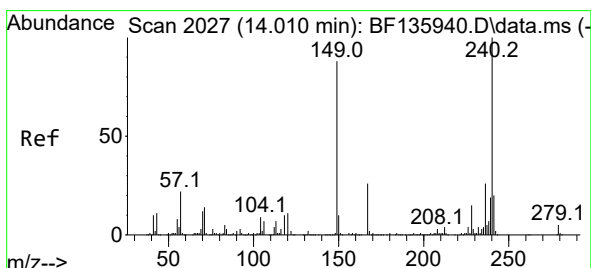
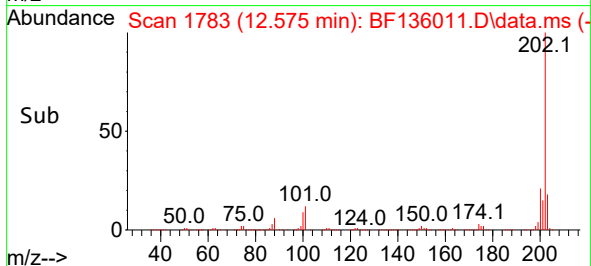
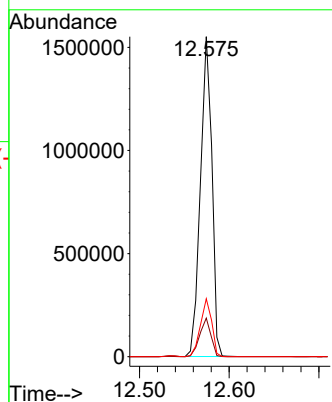
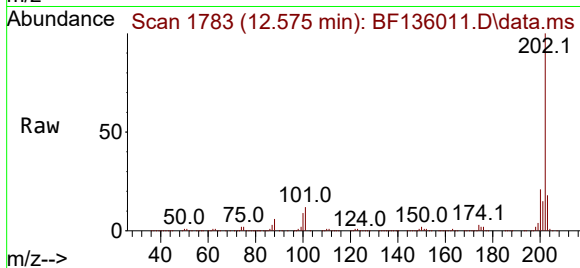
Tgt Ion:202 Resp: 1375318

Ion Ratio Lower Upper

202 100

101 12.1 0.0 30.6

203 18.1 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF136011.D

Acq: 28 Oct 2023 18:10

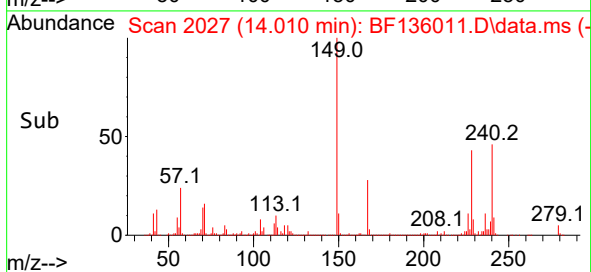
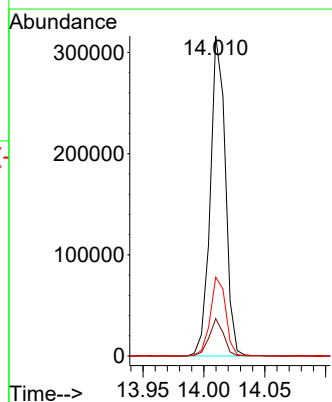
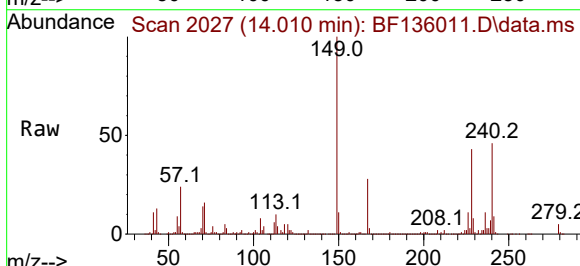
Tgt Ion:240 Resp: 271627

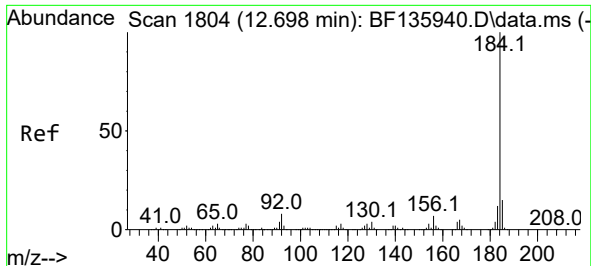
Ion Ratio Lower Upper

240 100

120 11.6 8.6 13.0

236 24.6 20.6 30.8

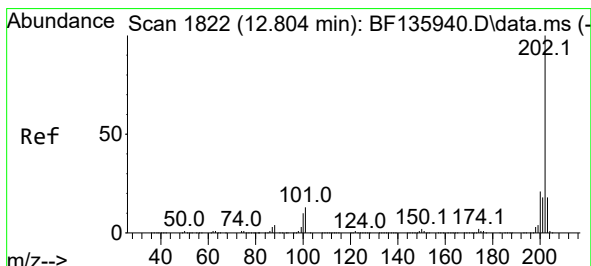
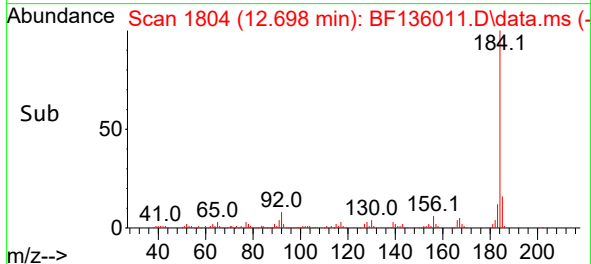
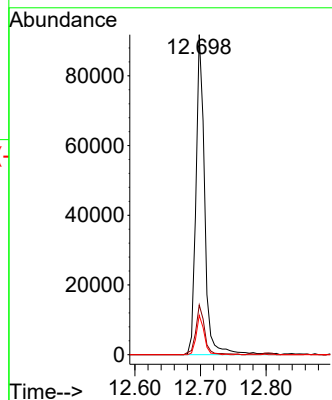
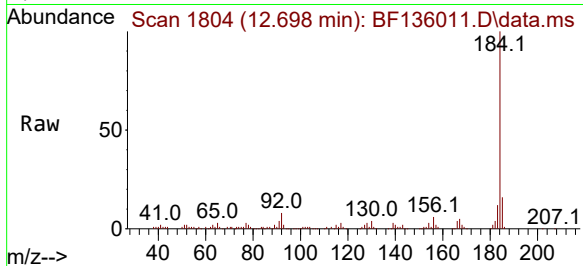




#77
Benzidine
Concen: 16.241 ng
RT: 12.698 min Scan# 1804
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

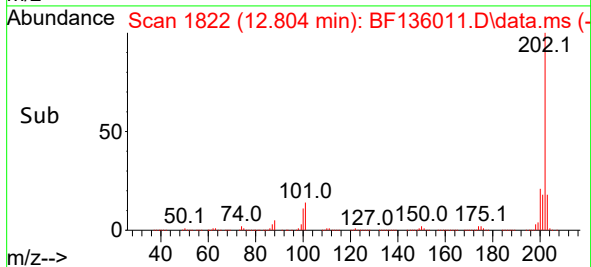
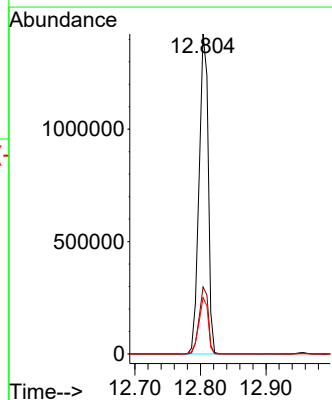
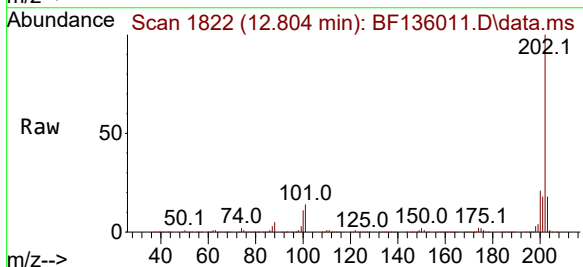
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS

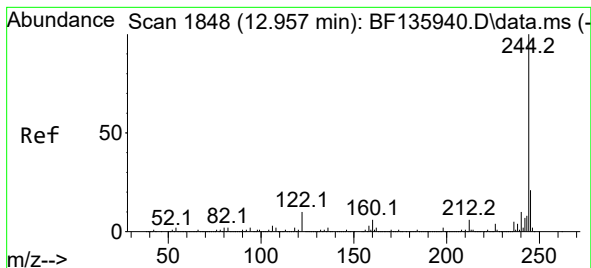
Tgt Ion:184 Resp: 85061
Ion Ratio Lower Upper
184 100
185 15.6 11.7 17.5
183 12.3 9.2 13.8



#78
Pyrene
Concen: 60.646 ng
RT: 12.804 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

Tgt Ion:202 Resp: 1383148
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.6
203 17.7 14.5 21.7





#79

Terphenyl-d14

Concen: 117.660 ng

RT: 12.957 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136011.D

Acq: 28 Oct 2023 18:10

Instrument :

BNA_F

ClientSampleId :

SU-622-VOC-04MS

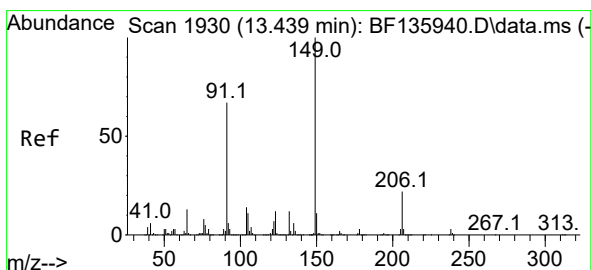
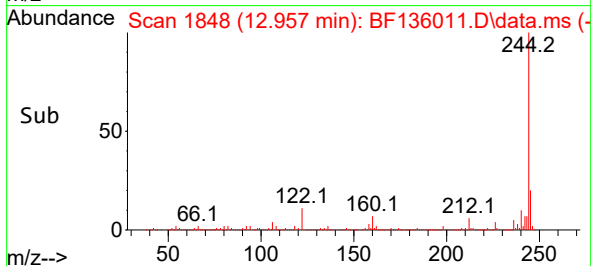
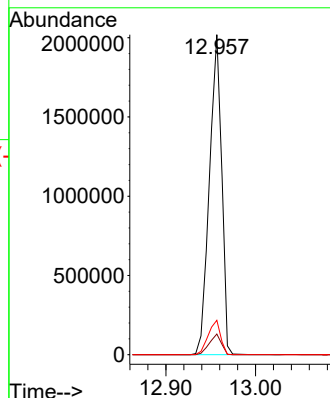
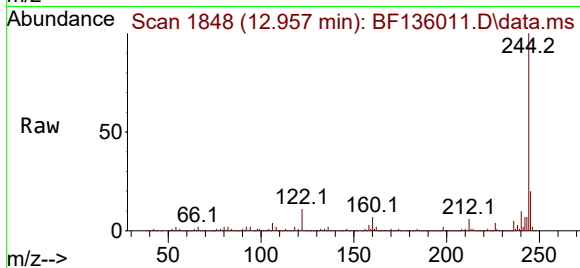
Tgt Ion:244 Resp: 1912863

Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.6

122 10.8 8.0 12.0



#80

Butylbenzylphthalate

Concen: 61.902 ng

RT: 13.439 min Scan# 1930

Delta R.T. 0.000 min

Lab File: BF136011.D

Acq: 28 Oct 2023 18:10

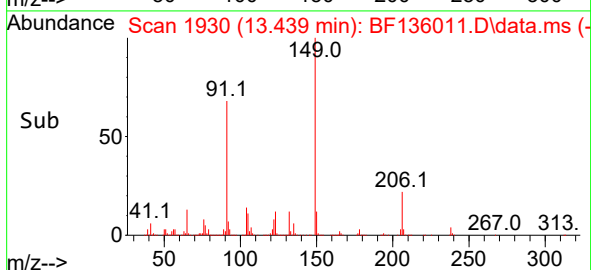
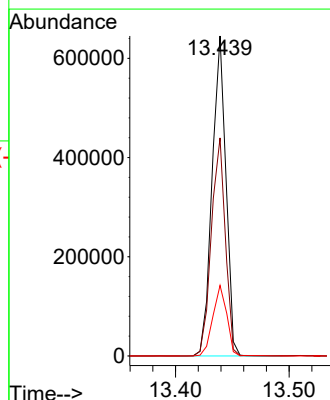
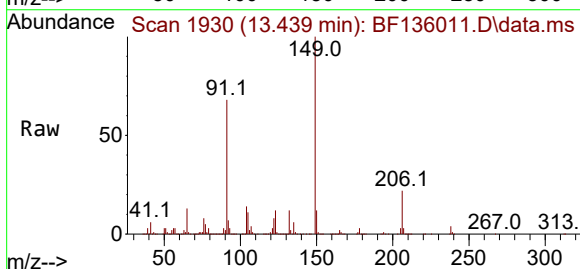
Tgt Ion:149 Resp: 543932

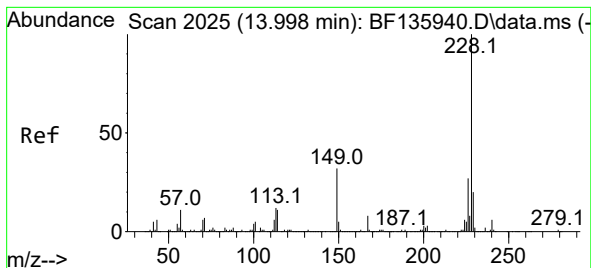
Ion Ratio Lower Upper

149 100

91 68.2 53.4 80.0

206 22.1 17.5 26.3





#81

Benzo(a)anthracene

Concen: 54.608 ng

RT: 13.998 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF136011.D

Acq: 28 Oct 2023 18:10

Instrument :

BNA_F

ClientSampleId :

SU-622-VOC-04MS

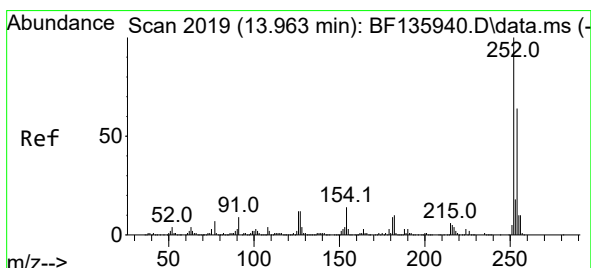
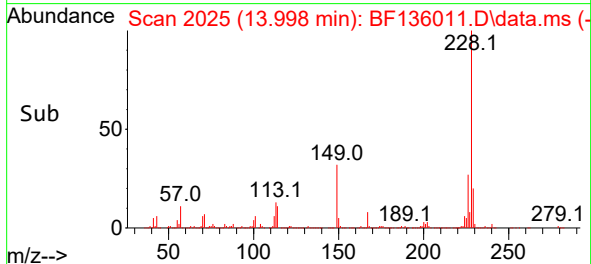
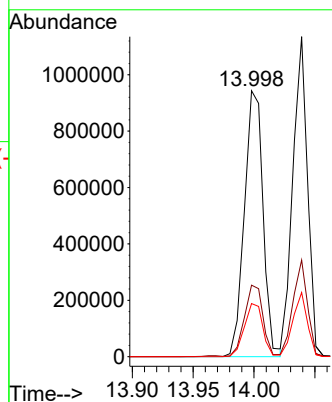
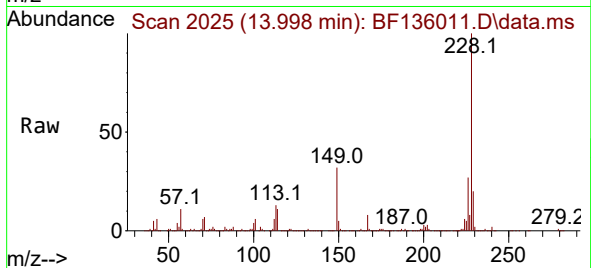
Tgt Ion:228 Resp: 1008568

Ion Ratio Lower Upper

228 100

226 26.9 21.8 32.6

229 20.0 16.2 24.4



#82

3,3'-Dichlorobenzidine

Concen: 34.325 ng

RT: 13.969 min Scan# 2020

Delta R.T. 0.006 min

Lab File: BF136011.D

Acq: 28 Oct 2023 18:10

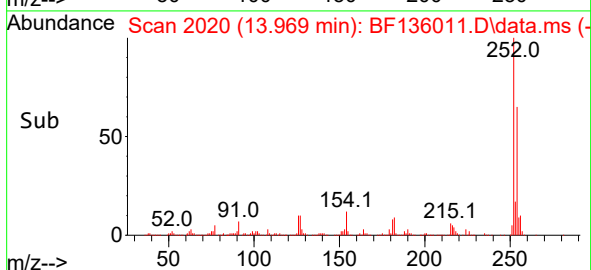
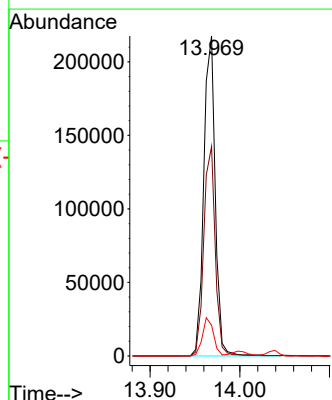
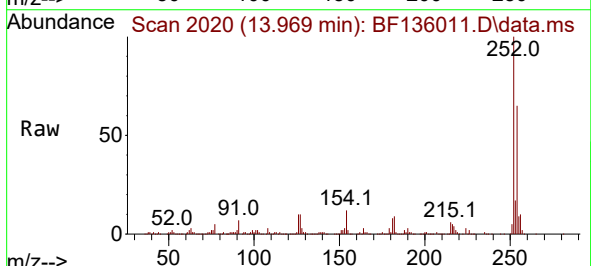
Tgt Ion:252 Resp: 192874

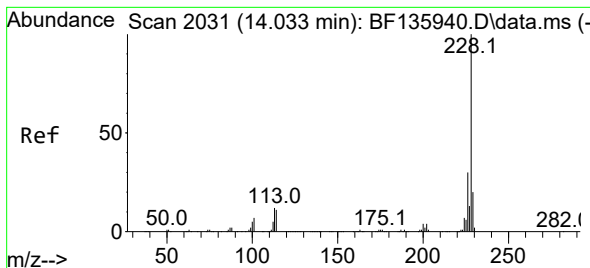
Ion Ratio Lower Upper

252 100

254 65.4 50.9 76.3

126 9.6 9.8 14.6#





#83

Chrysene

Concen: 53.194 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF136011.D

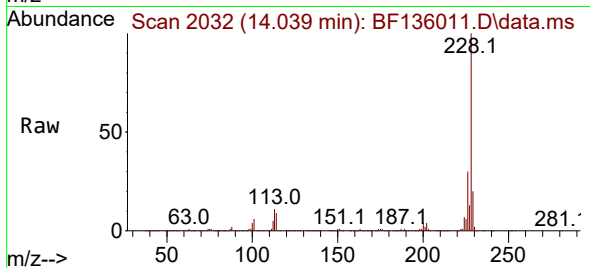
Acq: 28 Oct 2023 18:10

Instrument :

BNA_F

ClientSampleId :

SU-622-VOC-04MS



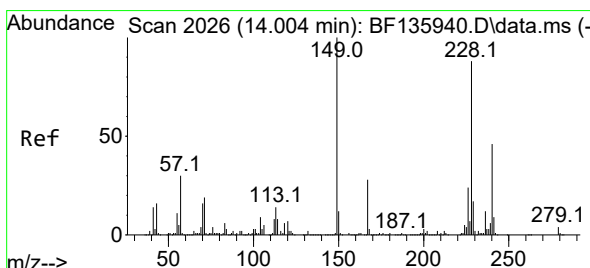
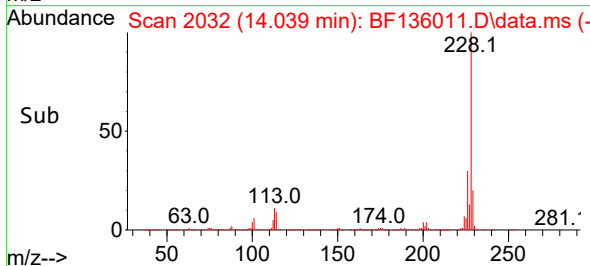
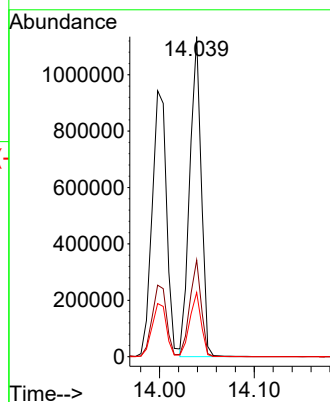
Tgt Ion:228 Resp: 956868

Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

229 20.0 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 72.087 ng

RT: 14.010 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF136011.D

Acq: 28 Oct 2023 18:10

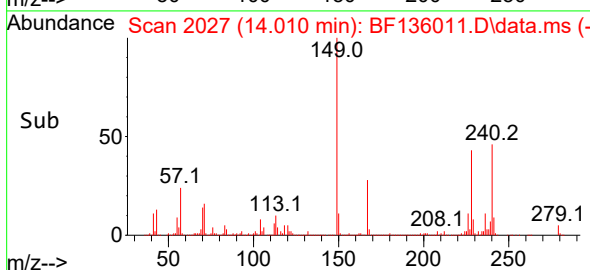
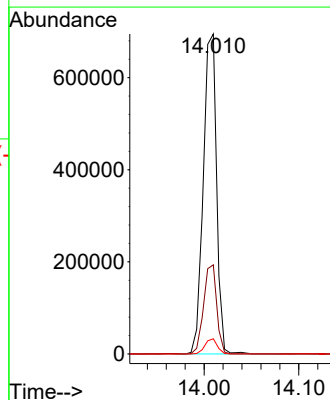
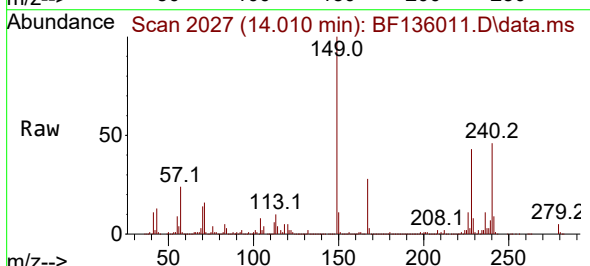
Tgt Ion:149 Resp: 676067

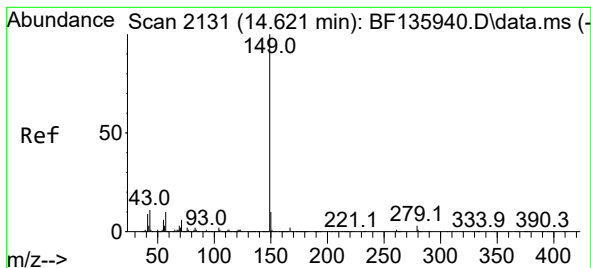
Ion Ratio Lower Upper

149 100

167 27.9 22.2 33.2

279 4.8 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 73.354 ng

RT: 14.627 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136011.D

Acq: 28 Oct 2023 18:10

Instrument :

BNA_F

ClientSampleId :

SU-622-VOC-04MS

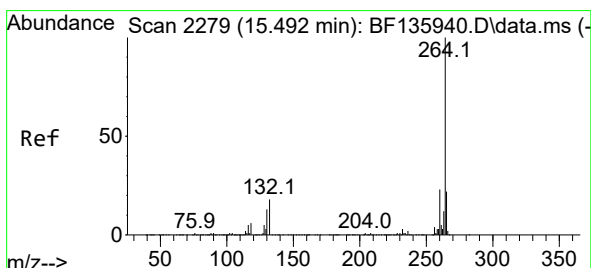
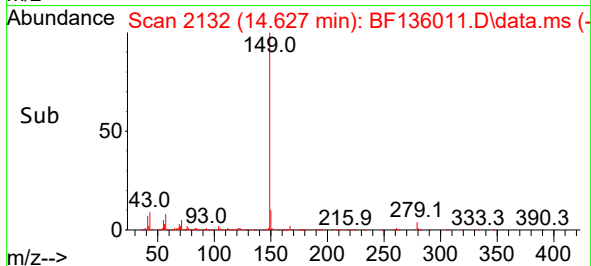
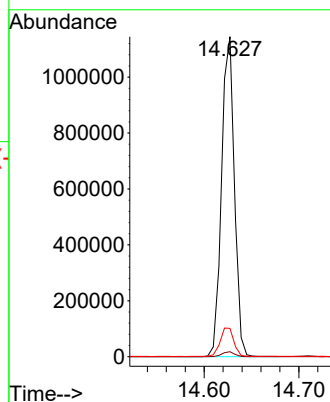
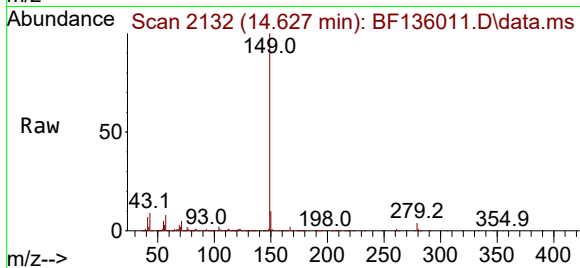
Tgt Ion:149 Resp: 1083706

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.5 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2280

Delta R.T. 0.006 min

Lab File: BF136011.D

Acq: 28 Oct 2023 18:10

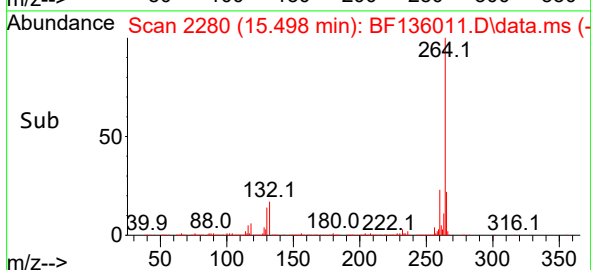
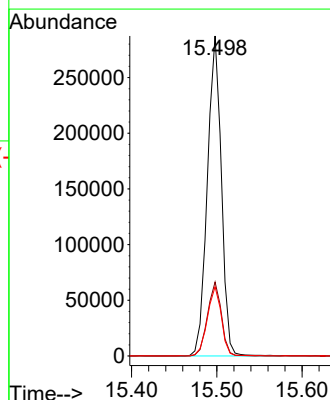
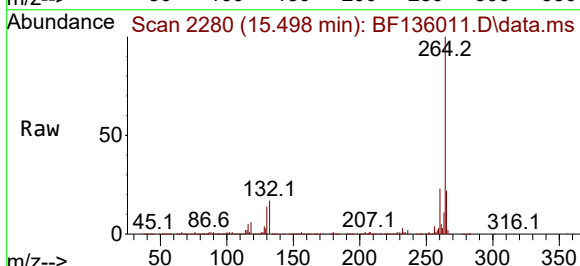
Tgt Ion:264 Resp: 327792

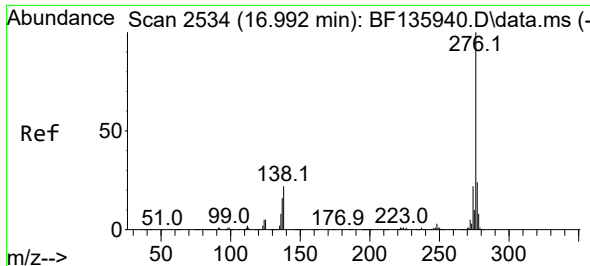
Ion Ratio Lower Upper

264 100

260 23.1 18.6 28.0

265 21.6 17.3 25.9

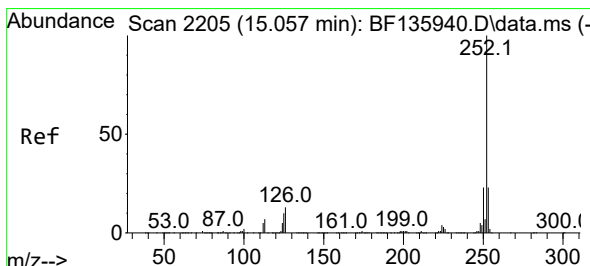
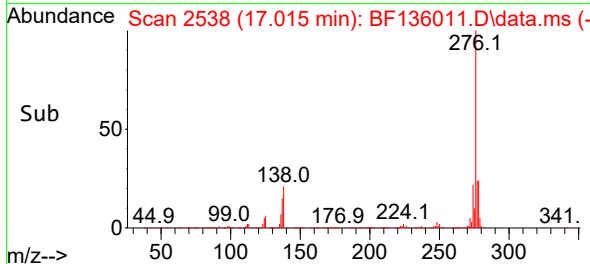
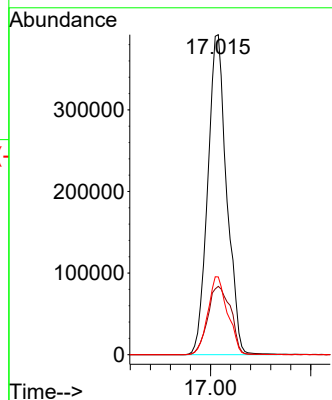
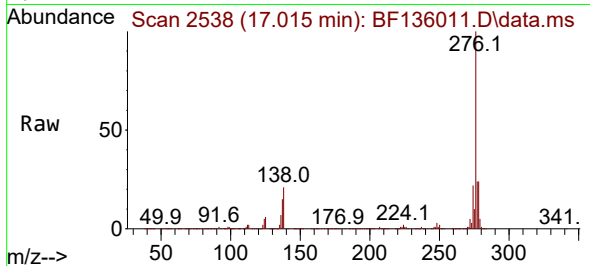




#87
Indeno(1,2,3-cd)pyrene
Concen: 55.516 ng
RT: 17.015 min Scan# 21
Delta R.T. 0.023 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

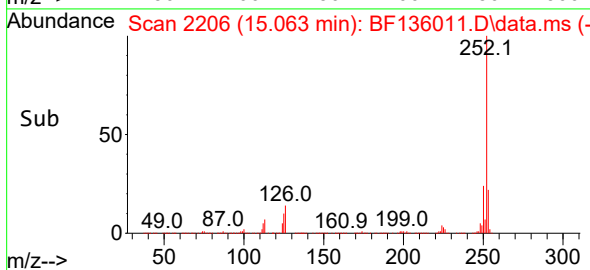
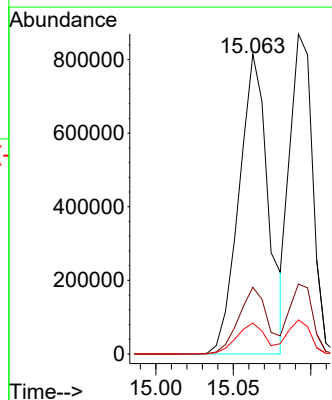
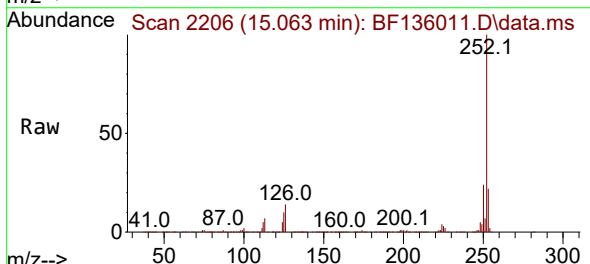
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS

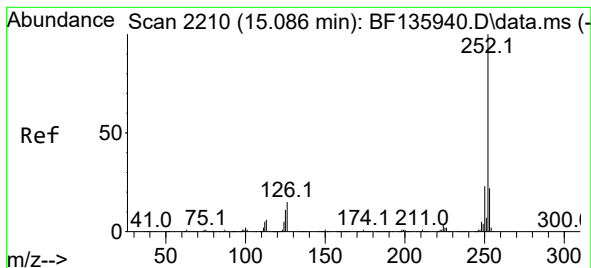
Tgt Ion:276 Resp: 1031881
Ion Ratio Lower Upper
276 100
138 26.0 21.8 32.6
277 25.5 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 54.798 ng
RT: 15.063 min Scan# 2206
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

Tgt Ion:252 Resp: 1068975
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 10.3 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 46.488 ng

RT: 15.092 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136011.D

Acq: 28 Oct 2023 18:10

Instrument :

BNA_F

ClientSampleId :

SU-622-VOC-04MS

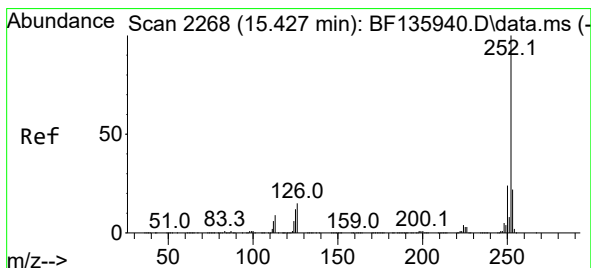
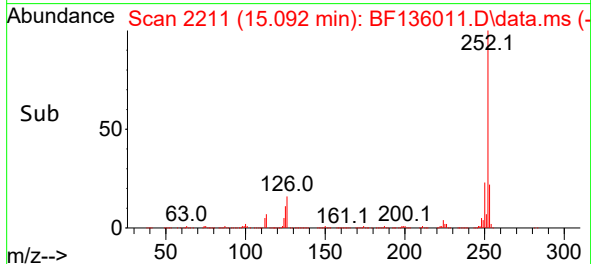
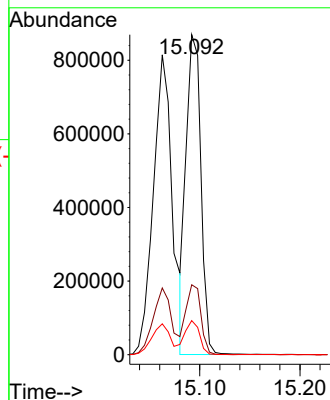
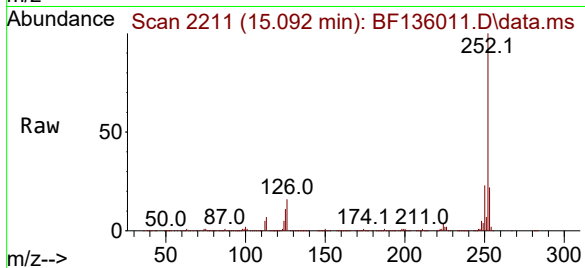
Tgt Ion:252 Resp: 890672

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 10.6 8.5 12.7



#90

Benzo(a)pyrene

Concen: 50.177 ng

RT: 15.439 min Scan# 2270

Delta R.T. 0.012 min

Lab File: BF136011.D

Acq: 28 Oct 2023 18:10

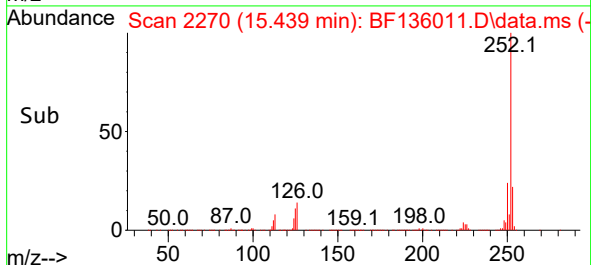
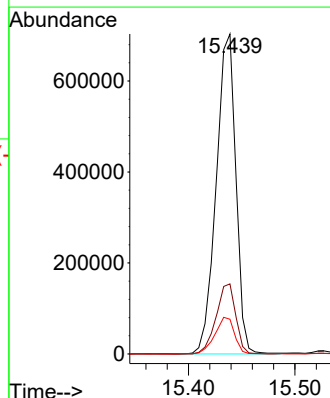
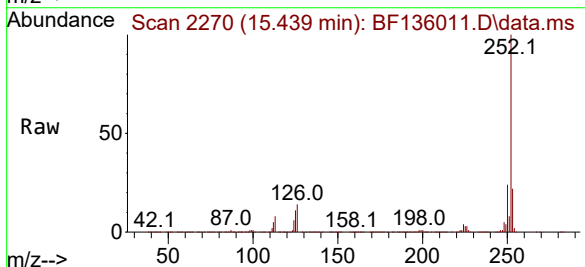
Tgt Ion:252 Resp: 902134

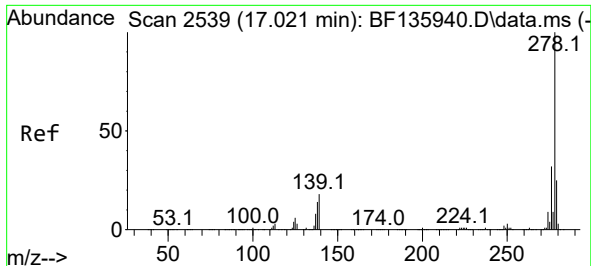
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 10.8 9.6 14.4

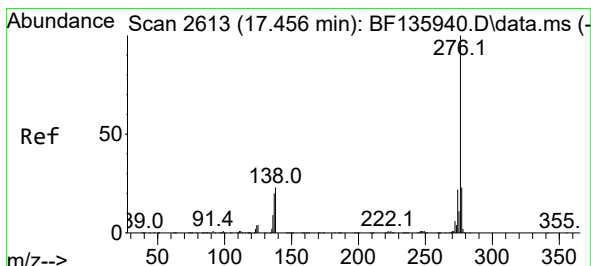
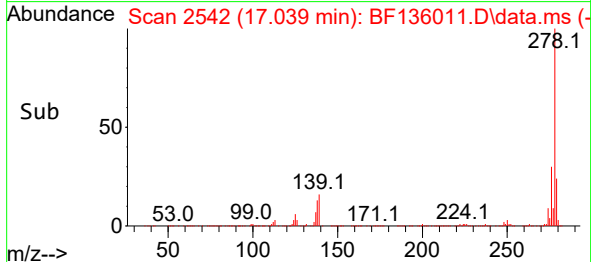
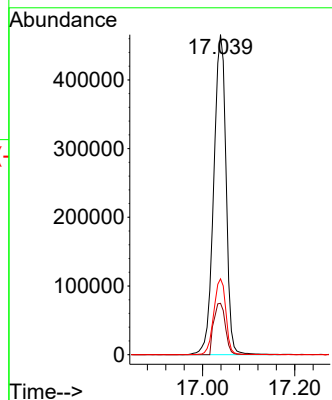
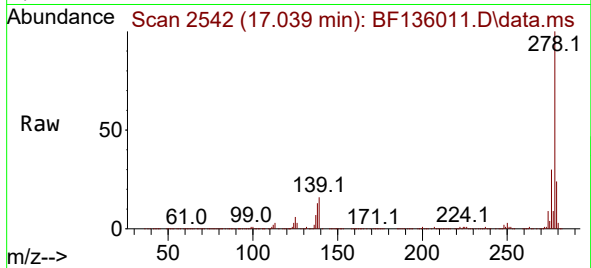




#91
Dibenzo(a,h)anthracene
Concen: 54.287 ng
RT: 17.039 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS

Tgt Ion:278 Resp: 863085
Ion Ratio Lower Upper
278 100
139 16.0 14.0 21.0
279 23.7 19.7 29.5



#92
Benzo(g,h,i)perylene
Concen: 44.172 ng
RT: 17.474 min Scan# 2616
Delta R.T. 0.018 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

Tgt Ion:276 Resp: 792590
Ion Ratio Lower Upper
276 100
277 23.3 18.6 28.0
138 21.6 18.4 27.6

