

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
 Data File : BF136766.D
 Acq On : 27 Dec 2023 19:27
 Operator : CG\JU
 Sample : 05796-06MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-SB-04-13-14MSD

Quant Time: Dec 27 22:45:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	77510	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	286721	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	129066	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	192629	20.000	ng	0.00
76) Chrysene-d12	13.992	240	105924	20.000	ng	# 0.02
86) Perylene-d12	15.504	264	121402	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	421772	84.903	ng	0.00
7) Phenol-d6	6.434	99	535944	83.261	ng	0.00
23) Nitrobenzene-d5	7.351	82	341536	60.954	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	121830	80.149	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	648902	67.621	ng	-0.01
79) Terphenyl-d14	12.916	244	445212	58.737	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	74495	35.991	ng	97
3) Pyridine	3.357	79	179382	35.520	ng	96
4) n-Nitrosodimethylamine	3.322	42	106745	39.581	ng	97
6) Aniline	6.451	93	119538	18.574	ng	# 1
8) 2-Chlorophenol	6.575	128	221447	40.735	ng	95
9) Benzaldehyde	6.339	77	73985	20.207	ng	98
10) Phenol	6.451	94	267019	38.859	ng	96
11) bis(2-Chloroethyl)ether	6.522	93	212003	40.570	ng	98
12) 1,3-Dichlorobenzene	6.728	146	228522	38.534	ng	96
13) 1,4-Dichlorobenzene	6.804	146	232830	38.424	ng	98
14) 1,2-Dichlorobenzene	6.951	146	220121	39.039	ng	99
15) Benzyl Alcohol	6.934	79	184418	42.467	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	334572	39.161	ng	94
17) 2-Methylphenol	7.051	107	165474	36.743	ng	95
18) Hexachloroethane	7.292	117	84116	38.223	ng	90
19) n-Nitroso-di-n-propyla...	7.204	70	153380	39.308	ng	96
20) 3+4-Methylphenols	7.198	107	213425	37.933	ng	99
22) Acetophenone	7.192	105	314486	43.760	ng	# 90
24) Nitrobenzene	7.369	77	225077	40.100	ng	96
25) Isophorone	7.604	82	416154	40.817	ng	98
26) 2-Nitrophenol	7.681	139	115722	43.092	ng	93
27) 2,4-Dimethylphenol	7.722	122	99356	30.390	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	255674	41.255	ng	97
29) 2,4-Dichlorophenol	7.928	162	177312	42.126	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	188143	40.118	ng	99
31) Naphthalene	8.086	128	621474	39.454	ng	100
32) Benzoic acid	7.869	122	136464	43.139	ng	98
33) 4-Chloroaniline	8.133	127	56753	9.758	ng	98
34) Hexachlorobutadiene	8.198	225	113687	39.900	ng	98
35) Caprolactam	8.516	113	46277	33.328	ng	99
36) 4-Chloro-3-methylphenol	8.633	107	190803	40.267	ng	99
37) 2-Methylnaphthalene	8.775	142	387012	38.177	ng	99
38) 1-Methylnaphthalene	8.875	142	367774	36.979	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	188981	47.279	ng	99
41) Hexachlorocyclopentadiene	8.928	237	114781	89.447	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	117503	45.838	ng	99

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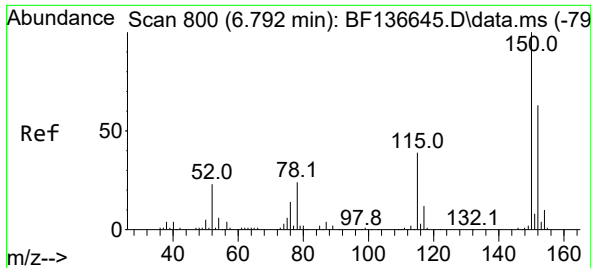
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	125196	43.827	ng	# 94
46) 1,1'-Biphenyl	9.245	154	493360	45.552	ng	98
47) 2-Chloronaphthalene	9.269	162	350199	42.533	ng	98
48) 2-Nitroaniline	9.369	65	116741	45.278	ng	99
49) Acenaphthylene	9.680	152	545804	43.370	ng	99
50) Dimethylphthalate	9.545	163	426346	45.225	ng	99
51) 2,6-Dinitrotoluene	9.610	165	91910	42.958	ng	# 85
52) Acenaphthene	9.857	154	312356	40.040	ng	99
53) 3-Nitroaniline	9.780	138	72089	31.807	ng	96
54) 2,4-Dinitrophenol	9.892	184	82398	69.979	ng	# 83
55) Dibenzofuran	10.027	168	472080	39.921	ng	99
56) 4-Nitrophenol	9.957	139	123325	80.605	ng	96
57) 2,4-Dinitrotoluene	10.016	165	111851	40.270	ng	# 99
58) Fluorene	10.369	166	354395	37.770	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.151	232	92711	42.162	ng	98
60) Diethylphthalate	10.251	149	404421	41.346	ng	98
61) 4-Chlorophenyl-phenyle...	10.363	204	174306	38.218	ng	98
62) 4-Nitroaniline	10.398	138	71951	32.931	ng	98
63) Azobenzene	10.522	77	335944	36.772	ng	98
65) 4,6-Dinitro-2-methylph...	10.427	198	51033	46.227	ng	95
66) n-Nitrosodiphenylamine	10.486	169	310710	49.654	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	97316	45.490	ng	94
68) Hexachlorobenzene	10.922	284	102444	42.971	ng	99
69) Atrazine	11.016	200	96555	60.329	ng	99
70) Pentachlorophenol	11.122	266	96443	86.789	ng	98
71) Phenanthrene	11.339	178	425037	43.003	ng	99
72) Anthracene	11.386	178	421695	42.128	ng	98
73) Carbazole	11.551	167	394040	41.753	ng	99
74) Di-n-butylphthalate	11.880	149	500150	43.431	ng	99
75) Fluoranthene	12.539	202	409454	38.729	ng	99
77) Benzidine	12.663	184	10906	3.492	ng	# 1
78) Pyrene	12.768	202	422271	40.610	ng	99
80) Butylbenzylphthalate	13.398	149	167179	44.185	ng	92
81) Benzo(a)anthracene	13.980	228	366632	49.846	ng	# 94
82) 3,3'-Dichlorobenzidine	13.945	252	80318	38.451	ng	# 93
83) Chrysene	14.021	228	363528	50.541	ng	# 96
84) Bis(2-ethylhexyl)phtha...	13.968	149	221131	46.451	ng	# 94
85) Di-n-octyl phthalate	14.592	149	383577	52.090	ng	# 82
87) Indeno(1,2,3-cd)pyrene	17.015	276	316485	36.106	ng	99
88) Benzo(b)fluoranthene	15.062	252	334235	41.220	ng	# 86
89) Benzo(k)fluoranthene	15.092	252	300286	39.192	ng	# 84
90) Benzo(a)pyrene	15.439	252	285400	41.698	ng	# 83
91) Dibenzo(a,h)anthracene	17.033	278	270374	37.598	ng	97
92) Benzo(g,h,i)perylene	17.468	276	239030	32.454	ng	98

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

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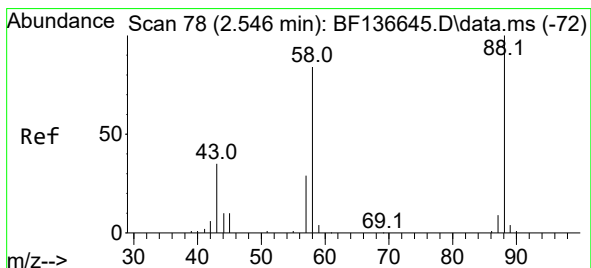
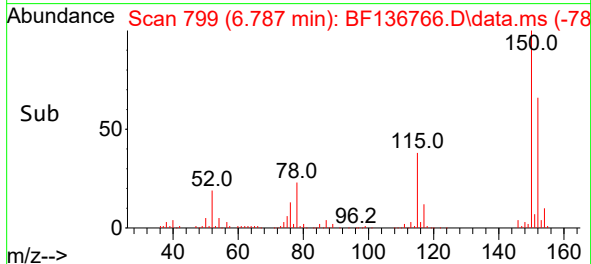
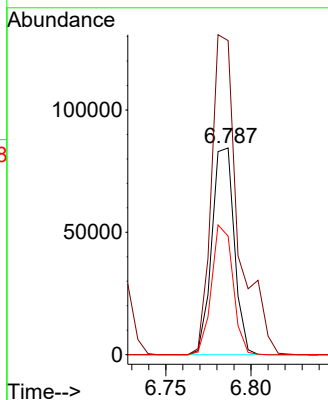
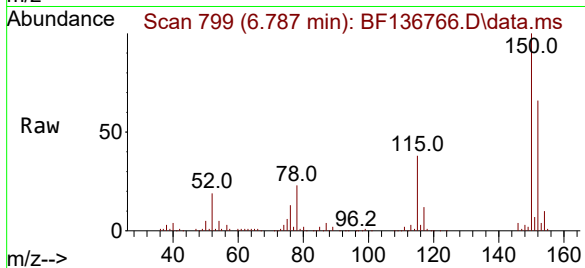




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF136766.D
 Acq: 27 Dec 2023 19:27

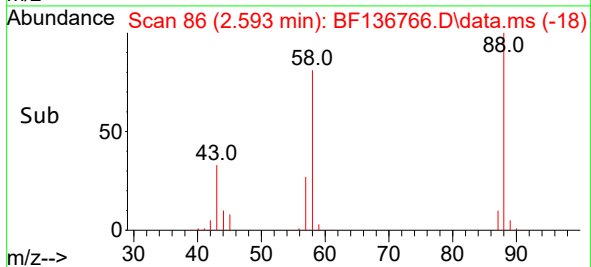
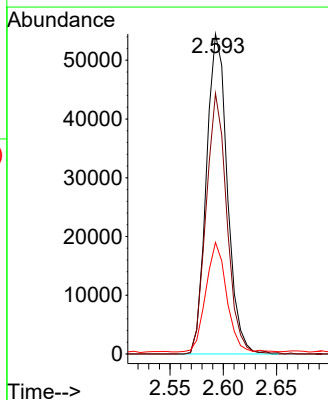
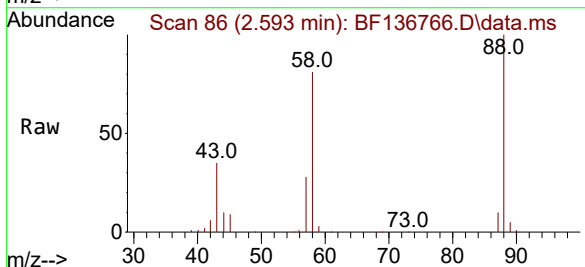
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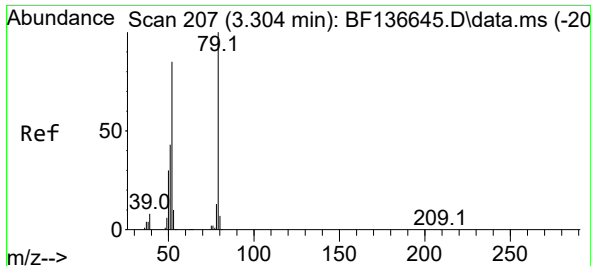
Tgt Ion:152 Resp: 77510
 Ion Ratio Lower Upper
 152 100
 150 152.0 127.0 190.6
 115 57.3 49.0 73.4



#2
 1,4-Dioxane
 Concen: 35.991 ng
 RT: 2.593 min Scan# 86
 Delta R.T. 0.047 min
 Lab File: BF136766.D
 Acq: 27 Dec 2023 19:27

Tgt Ion: 88 Resp: 74495
 Ion Ratio Lower Upper
 88 100
 58 80.7 67.4 101.0
 43 33.9 27.7 41.5

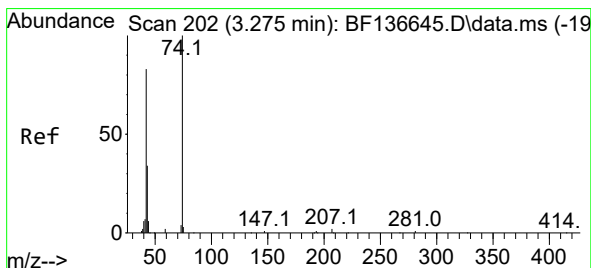
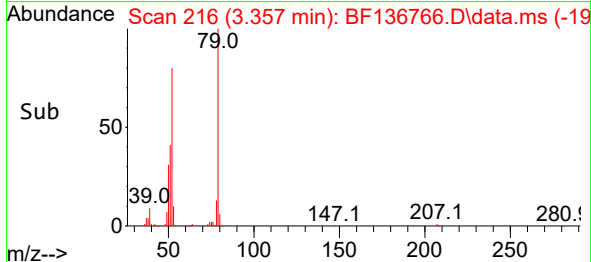
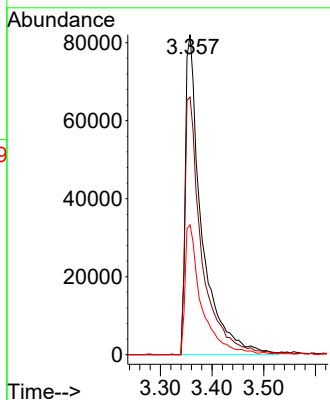
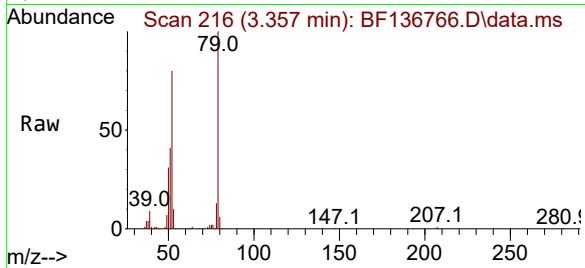




#3
Pyridine
Concen: 35.520 ng
RT: 3.357 min Scan# 210
Delta R.T. 0.053 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

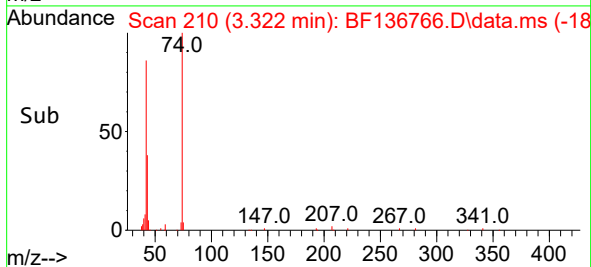
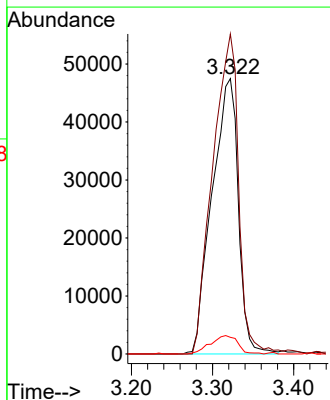
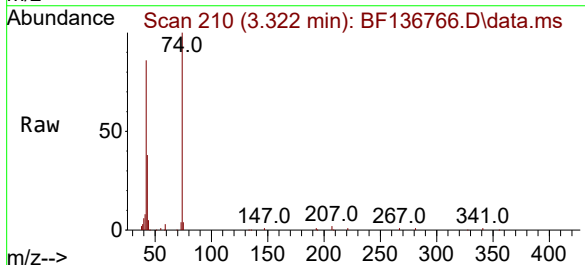
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MSD

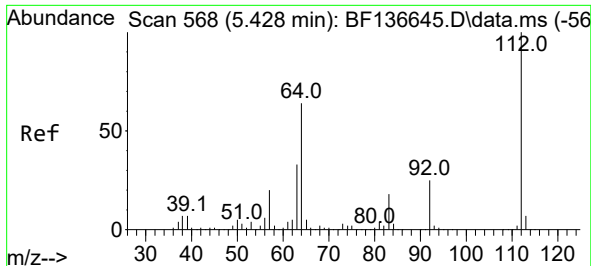
Tgt Ion: 79 Resp: 179382
Ion Ratio Lower Upper
79 100
52 80.5 67.7 101.5
51 40.6 34.0 51.0



#4
n-Nitrosodimethylamine
Concen: 39.581 ng
RT: 3.322 min Scan# 210
Delta R.T. 0.047 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

Tgt Ion: 42 Resp: 106745
Ion Ratio Lower Upper
42 100
74 116.2 96.0 144.0
44 6.1 5.4 8.2

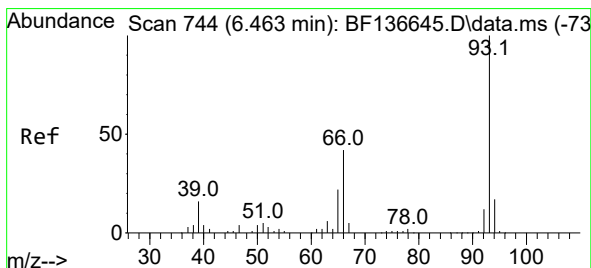
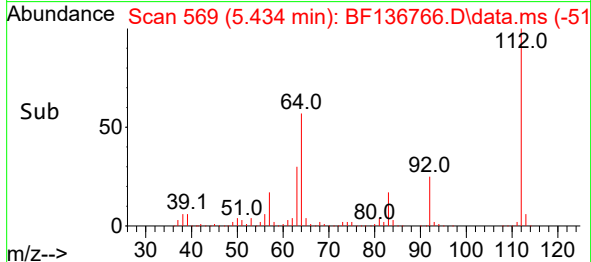
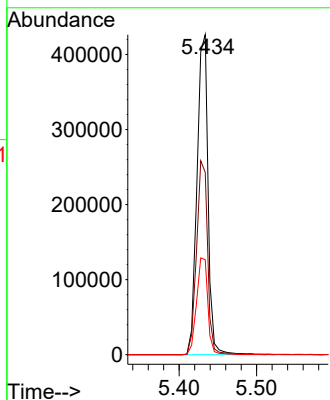
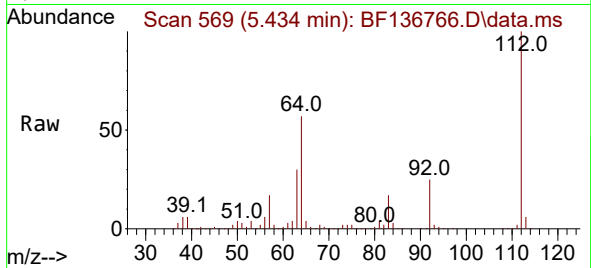




#5
2-Fluorophenol
Concen: 84.903 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

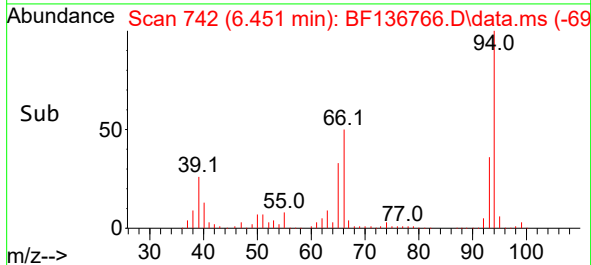
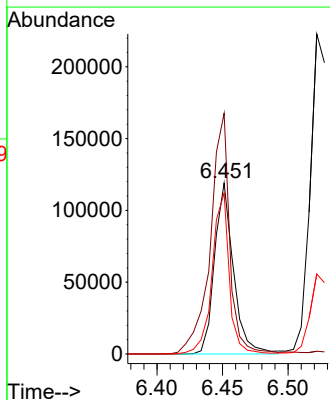
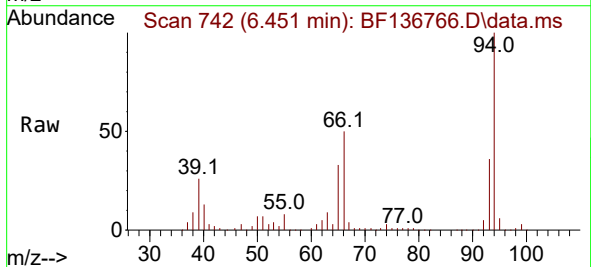
Instrument :
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ClientSampleId :
RT-SB-04-13-14MSD

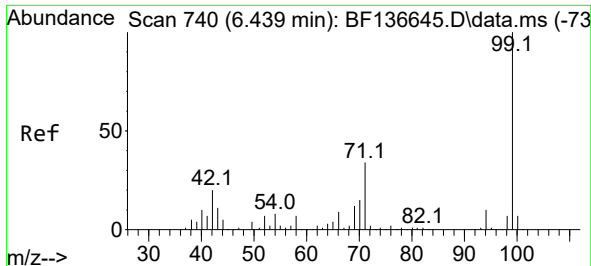
Tgt Ion:112 Resp: 421772
Ion Ratio Lower Upper
112 100
64 57.0 51.1 76.7
63 29.7 26.1 39.1



#6
Aniline
Concen: 18.574 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

Tgt Ion: 93 Resp: 119538
Ion Ratio Lower Upper
93 100
66 140.9 34.6 51.8#
65 94.2 17.8 26.8#

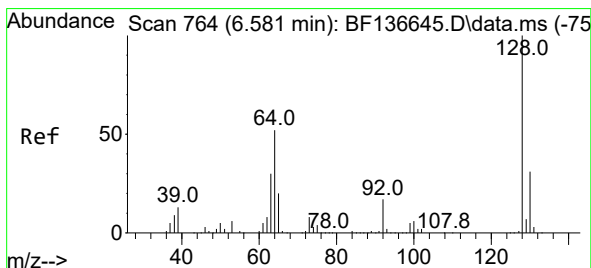
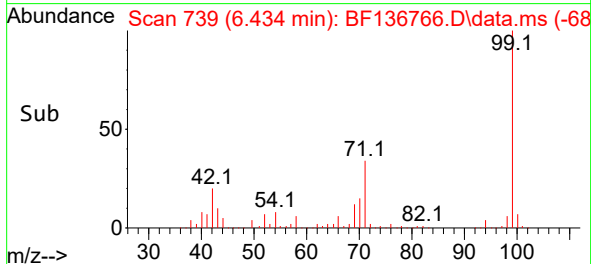
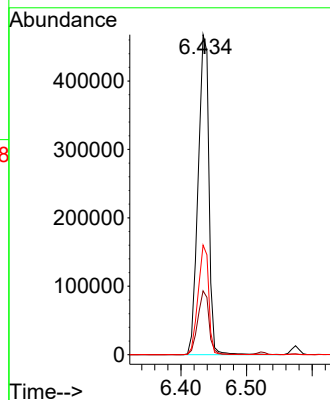
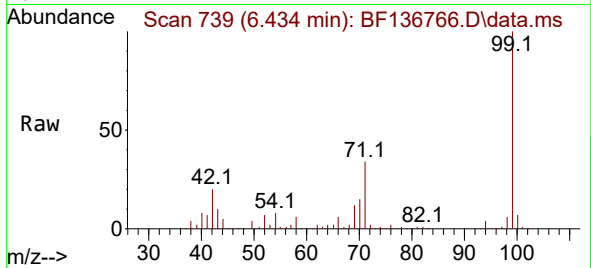




#7
Phenol-d6
Concen: 83.261 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

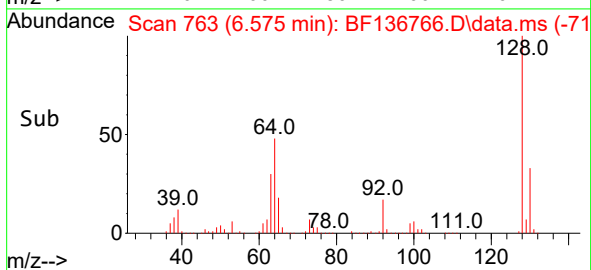
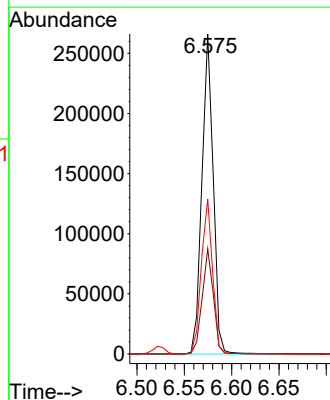
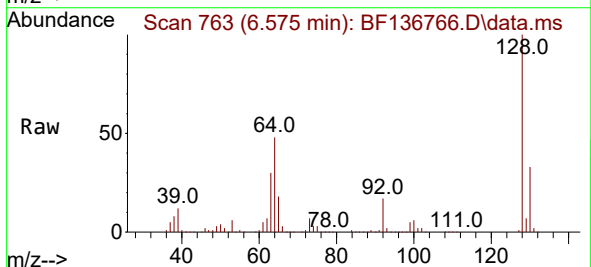
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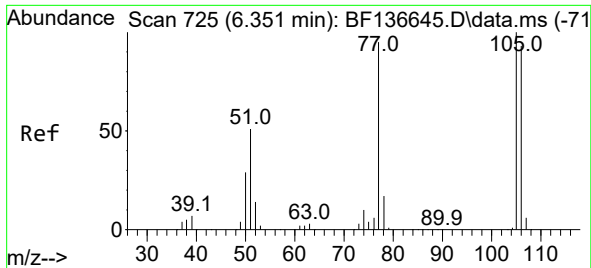
Tgt Ion: 99 Resp: 535944
Ion Ratio Lower Upper
99 100
42 20.0 16.1 24.1
71 34.2 27.4 41.2



#8
2-Chlorophenol
Concen: 40.735 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

Tgt Ion: 128 Resp: 221447
Ion Ratio Lower Upper
128 100
130 32.9 11.3 51.3
64 48.4 32.5 72.5

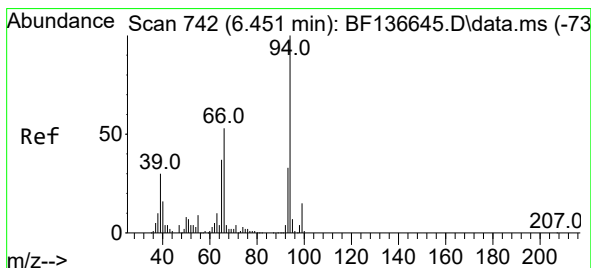
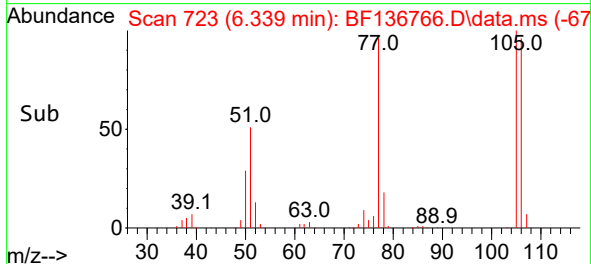
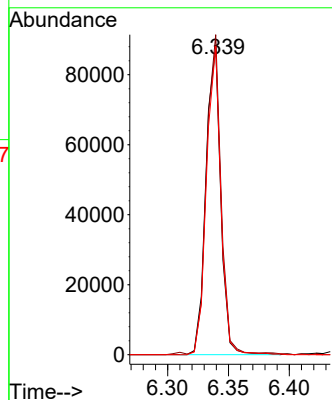
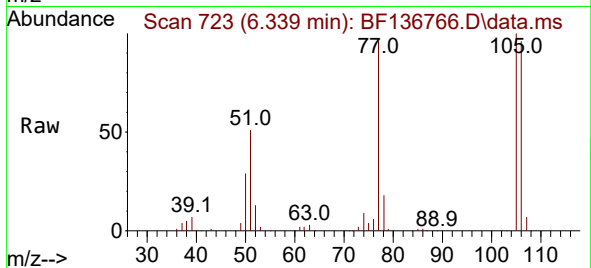




#9
Benzaldehyde
Concen: 20.207 ng
RT: 6.339 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

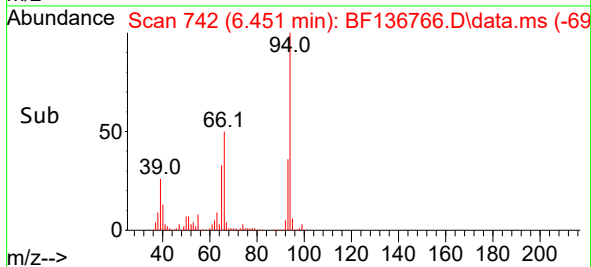
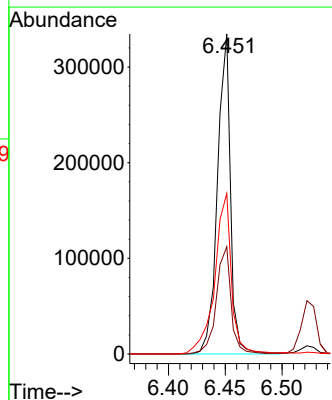
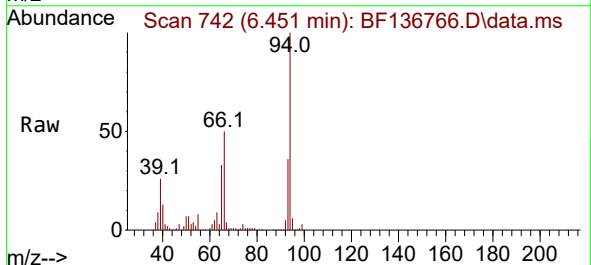
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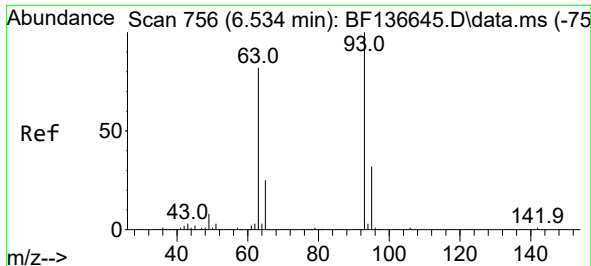
Tgt Ion:	77	Resp:	73985
Ion	Ratio	Lower	Upper
77	100		
105	104.1	84.8	124.8
106	100.4	77.8	117.8



#10
Phenol
Concen: 38.859 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF136766.D
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Tgt Ion:	94	Resp:	267019
Ion	Ratio	Lower	Upper
94	100		
65	33.5	16.6	56.6
66	50.1	32.6	72.6

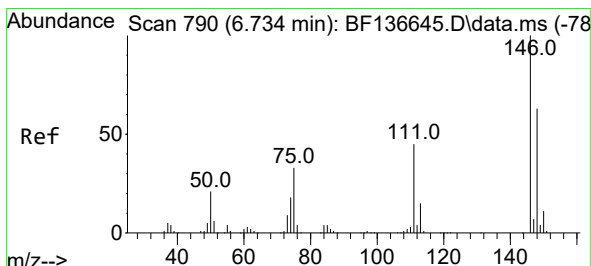
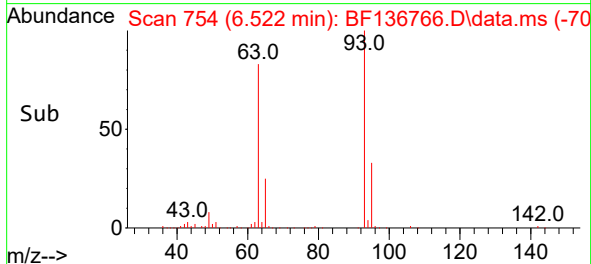
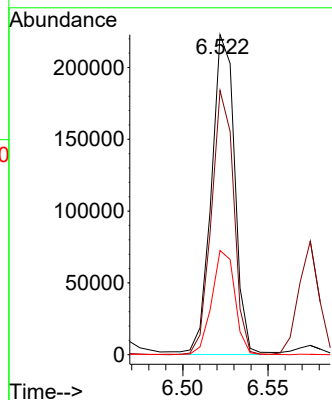
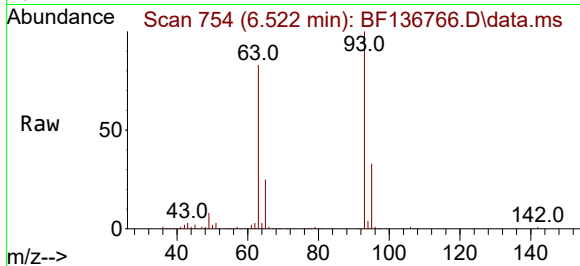




#11
bis(2-Chloroethyl)ether
Concen: 40.570 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

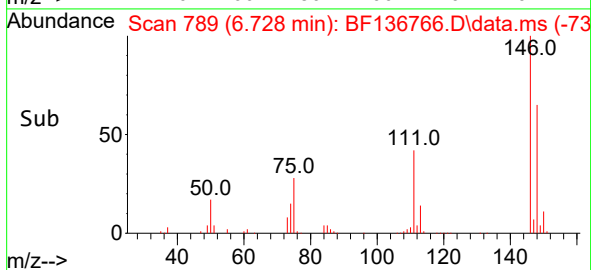
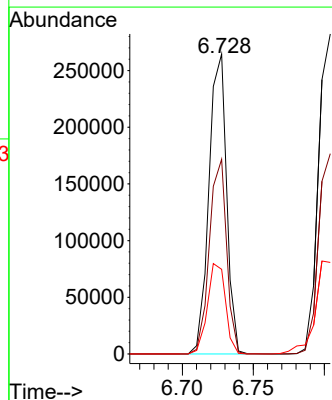
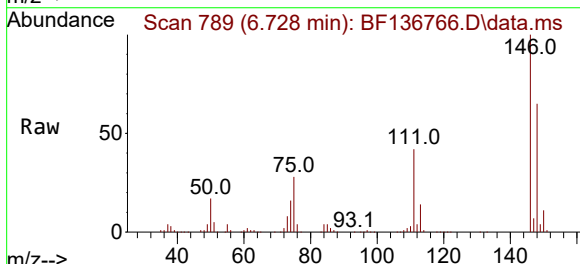
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MSD

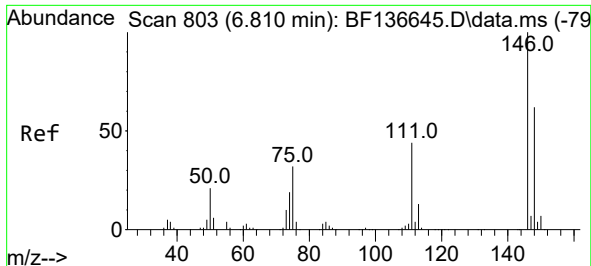
Tgt Ion:	93	Resp:	212003
Ion	Ratio	Lower	Upper
93	100		
63	82.5	61.2	101.2
95	32.6	11.6	51.6



#12
1,3-Dichlorobenzene
Concen: 38.534 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

Tgt Ion:	146	Resp:	228522
Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.5	75.7
75	28.2	26.2	39.4





#13

1,4-Dichlorobenzene

Concen: 38.424 ng

RT: 6.804 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF136766.D

Acq: 27 Dec 2023 19:27

Instrument :

BNA_F

ClientSampleId :

RT-SB-04-13-14MSD

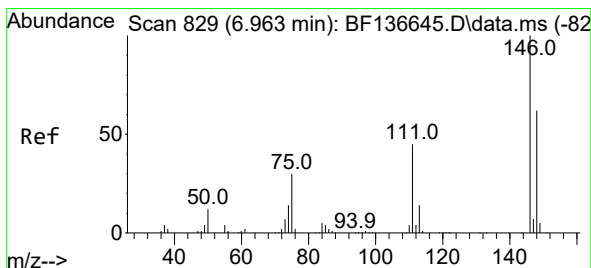
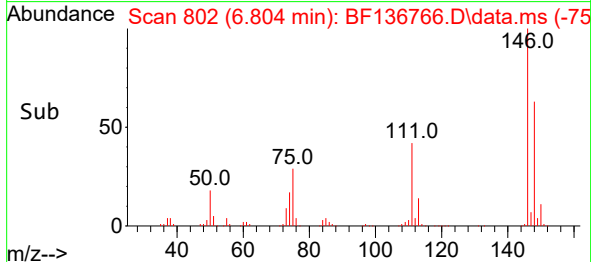
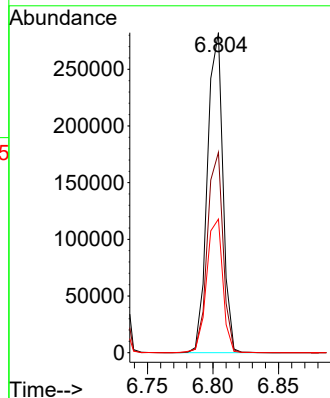
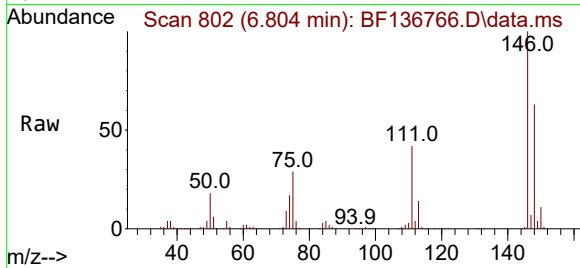
Tgt Ion:146 Resp: 232830

Ion Ratio Lower Upper

146 100

148 62.6 49.2 73.8

111 41.7 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 39.039 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF136766.D

Acq: 27 Dec 2023 19:27

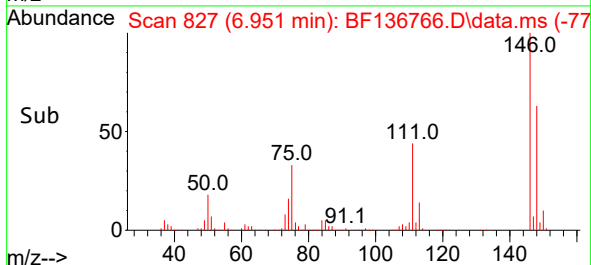
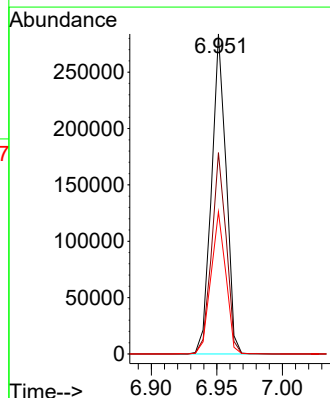
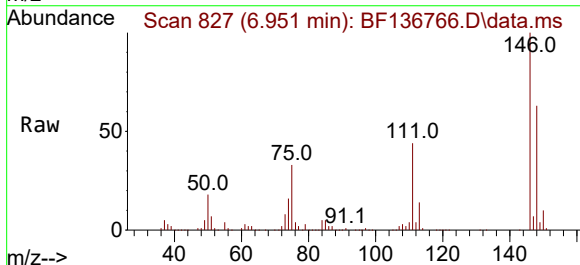
Tgt Ion:146 Resp: 220121

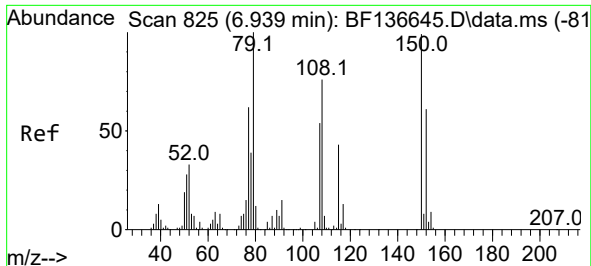
Ion Ratio Lower Upper

146 100

148 62.9 49.6 74.4

111 44.4 36.2 54.2

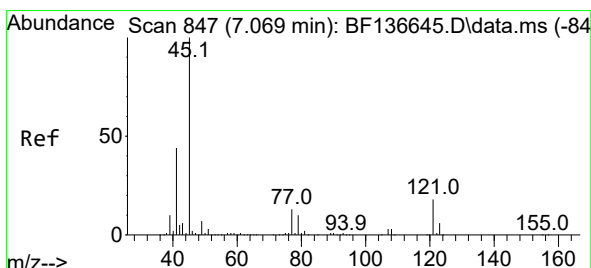
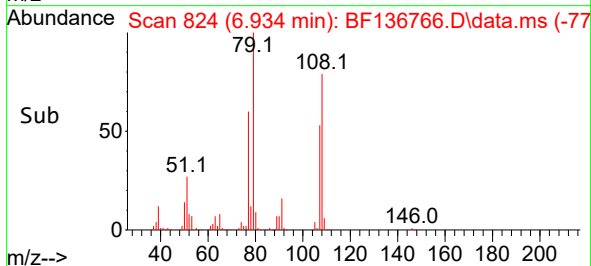
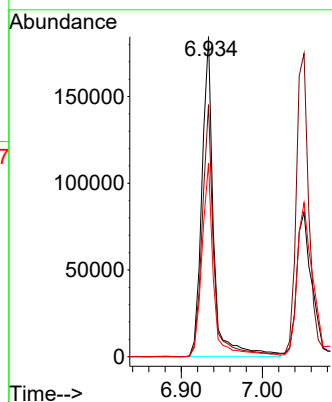
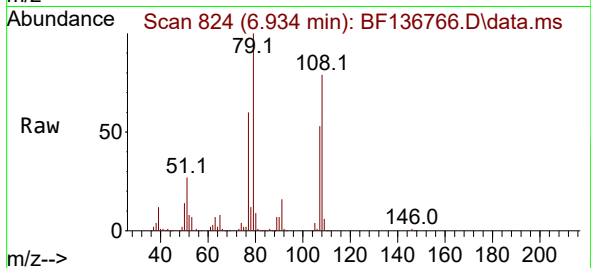




#15
Benzyl Alcohol
Concen: 42.467 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

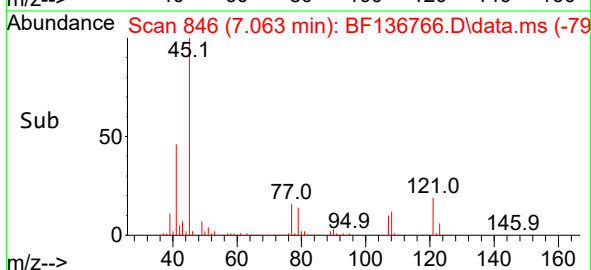
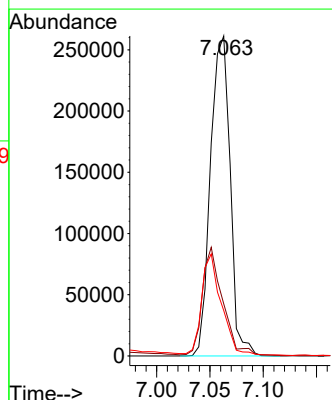
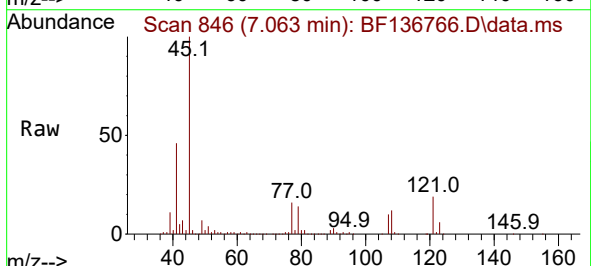
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MSD

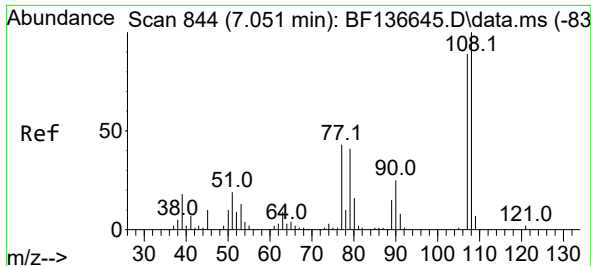
Tgt Ion: 79 Resp: 184418
Ion Ratio Lower Upper
79 100
108 78.7 61.0 91.6
77 60.4 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.161 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

Tgt Ion: 45 Resp: 334572
Ion Ratio Lower Upper
45 100
77 16.3 0.0 34.3
79 14.2 0.0 31.4

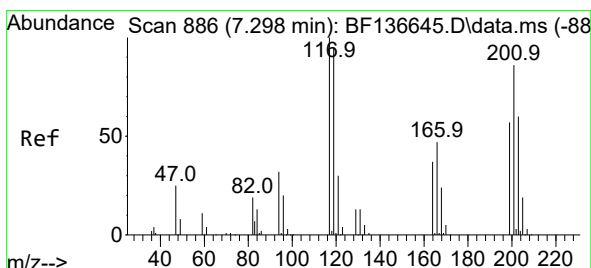
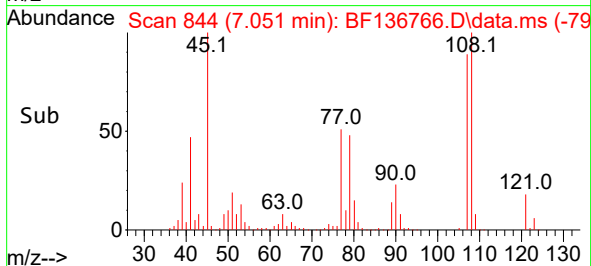
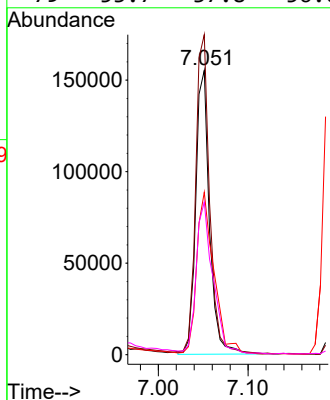
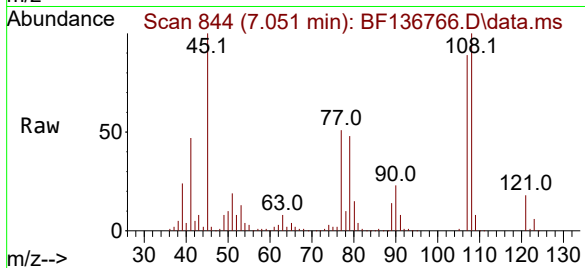




#17
2-Methylphenol
Concen: 36.743 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

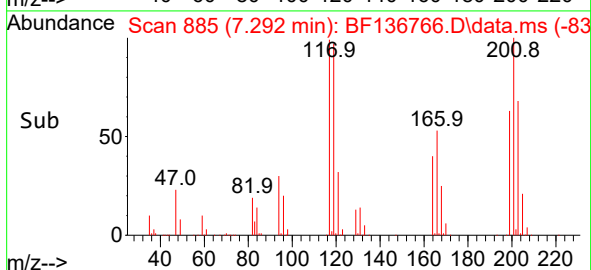
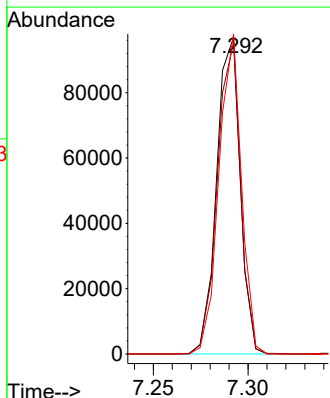
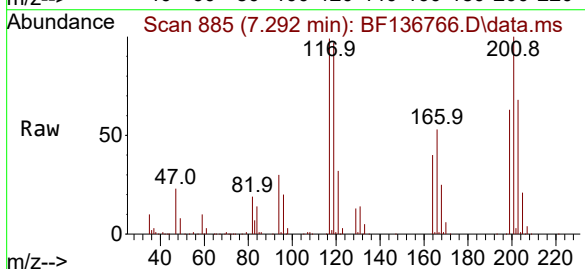
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MSD

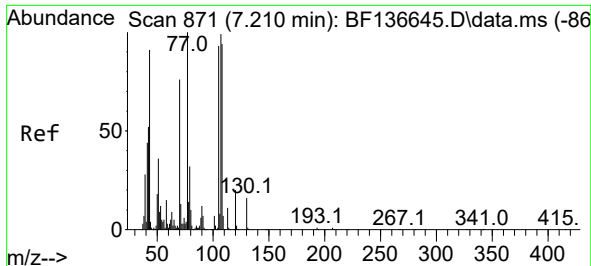
Tgt Ion:	107	Resp:	165474
Ion	Ratio	Lower	Upper
107	100		
108	112.5	90.3	135.5
77	57.1	38.7	58.1
79	53.7	37.8	56.6



#18
Hexachloroethane
Concen: 38.223 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

Tgt Ion:	117	Resp:	84116
Ion	Ratio	Lower	Upper
117	100		
119	98.3	75.8	113.6
201	101.0	69.1	103.7



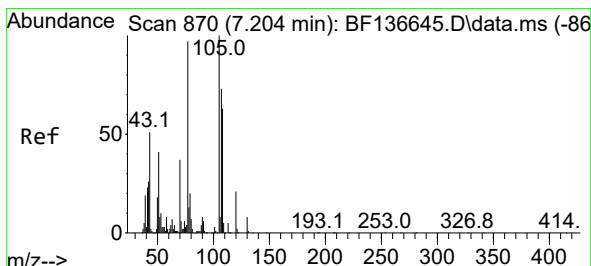
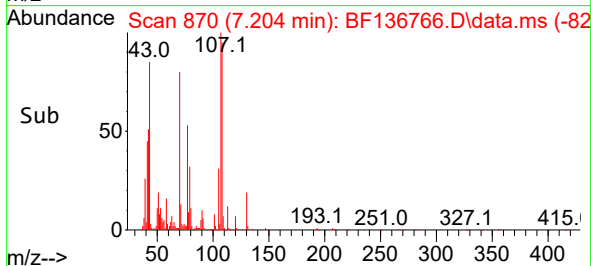
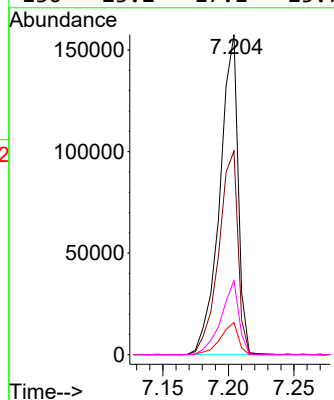
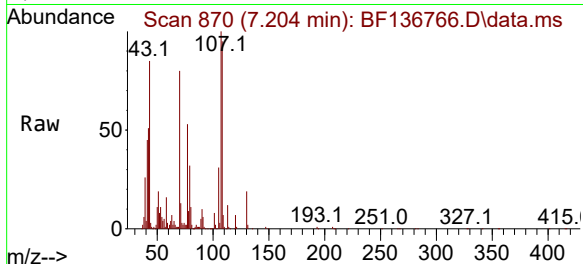


#19
n-Nitroso-di-n-propylamine
Concen: 39.308 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MSD

Tgt Ion: 70 Resp: 153380

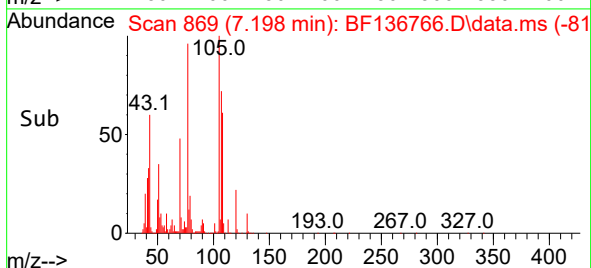
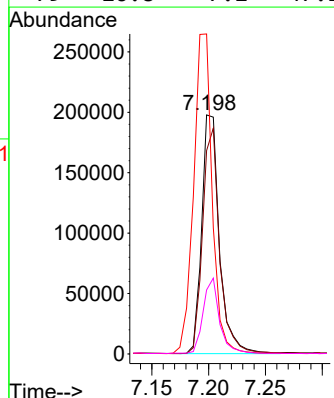
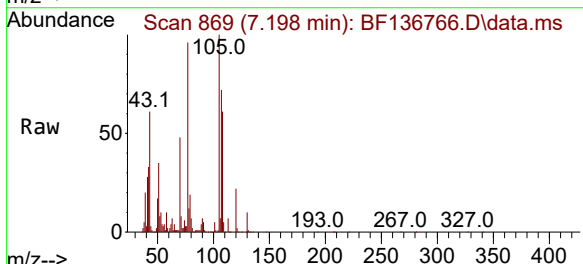
Ion	Ratio	Lower	Upper
70	100		
42	63.7	54.2	81.4
101	10.1	7.6	11.4
130	23.2	17.1	25.7

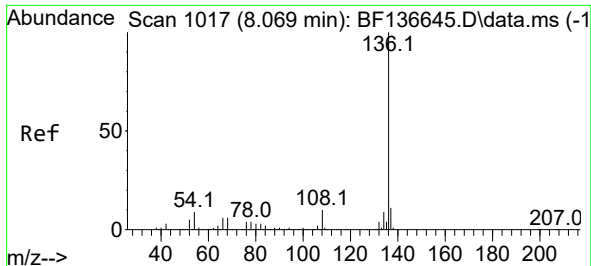


#20
3+4-Methylphenols
Concen: 37.933 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

Tgt Ion: 107 Resp: 213425

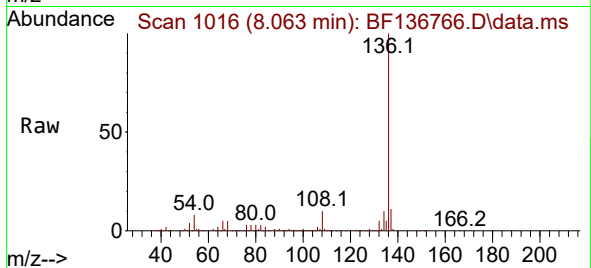
Ion	Ratio	Lower	Upper
107	100		
108	85.1	66.0	106.0
77	133.9	114.2	154.2
79	26.8	7.2	47.2



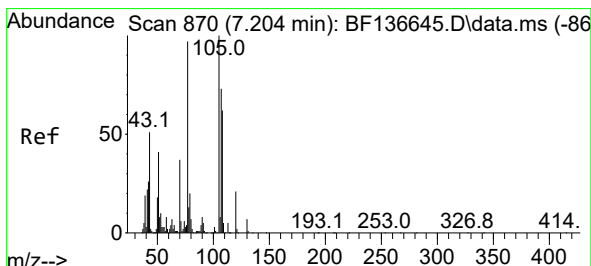
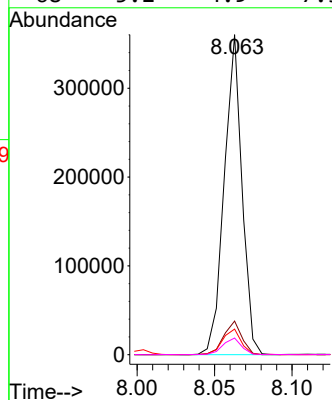
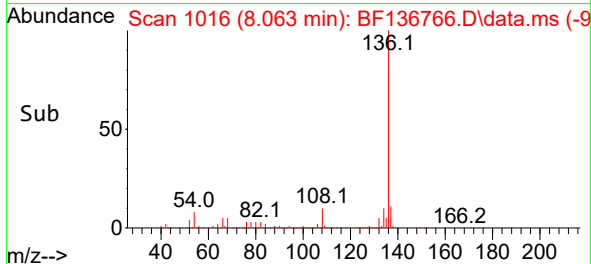


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

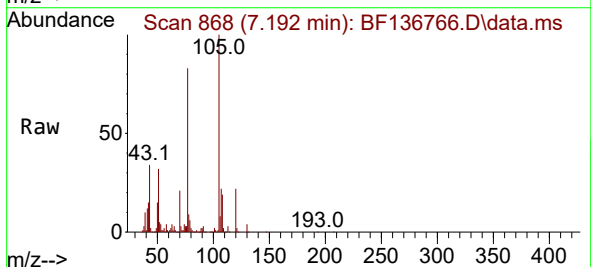
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MSD



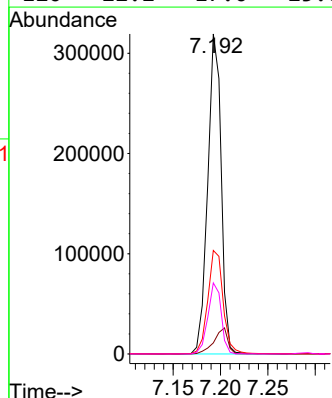
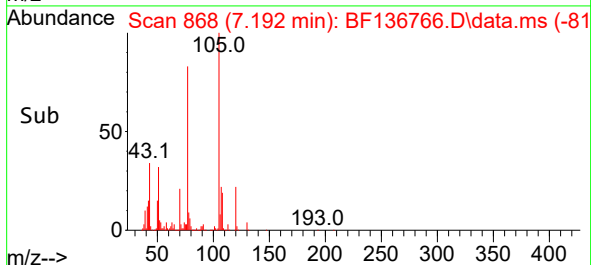
Tgt Ion:	136	Resp:	286721
Ion Ratio	Lower	Upper	
136	100		
137	10.5	9.0	13.4
54	8.0	7.2	10.8
68	5.2	4.9	7.3

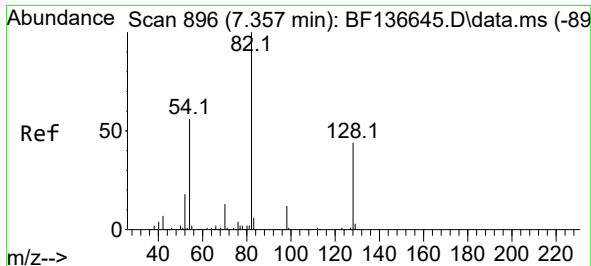


#22
Acetophenone
Concen: 43.760 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27



Tgt Ion:	105	Resp:	314486
Ion Ratio	Lower	Upper	
105	100		
71	3.5	4.8	7.2#
51	32.4	32.8	49.2#
120	22.2	17.0	25.6

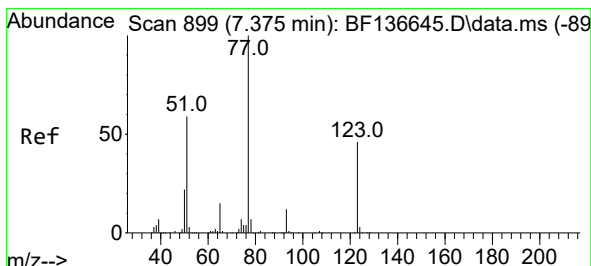
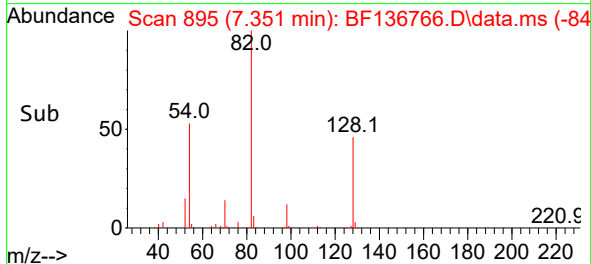
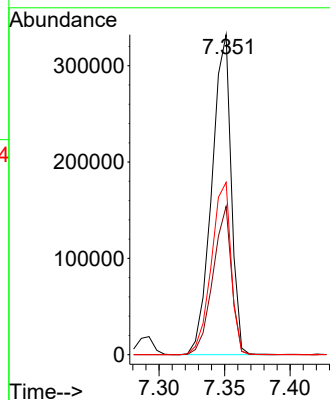
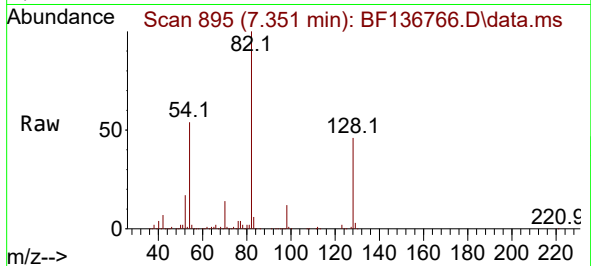




#23
Nitrobenzene-d5
Concen: 60.954 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

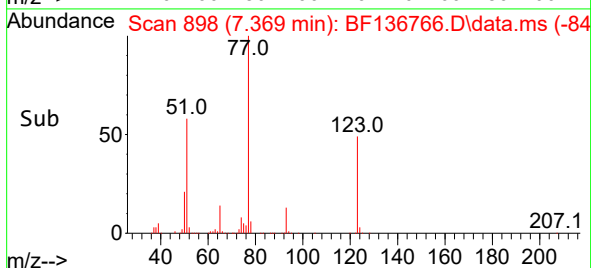
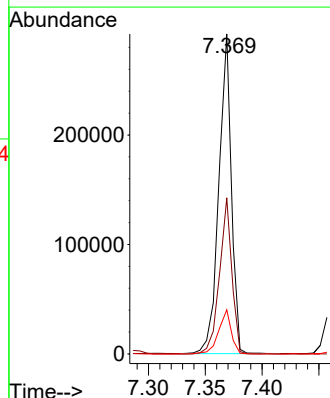
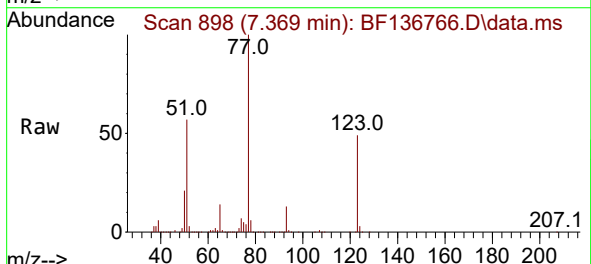
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MSD

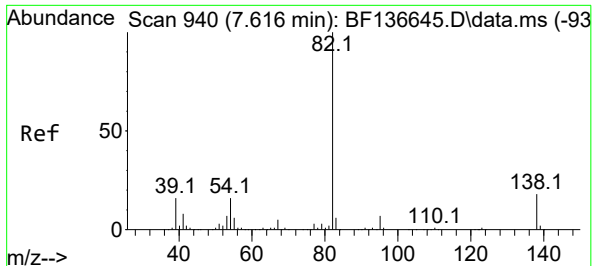
Tgt Ion: 82 Resp: 341536
Ion Ratio Lower Upper
82 100
128 46.3 35.3 52.9
54 53.8 44.5 66.7



#24
Nitrobenzene
Concen: 40.100 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

Tgt Ion: 77 Resp: 225077
Ion Ratio Lower Upper
77 100
123 48.8 36.7 55.1
65 13.8 11.8 17.6

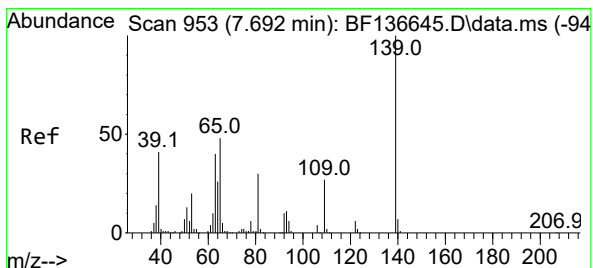
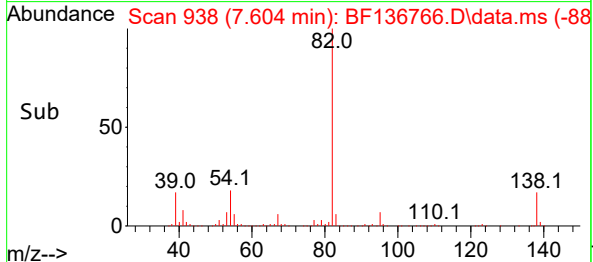
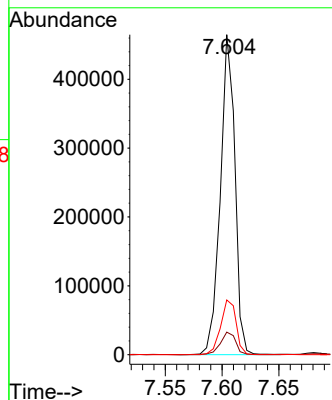
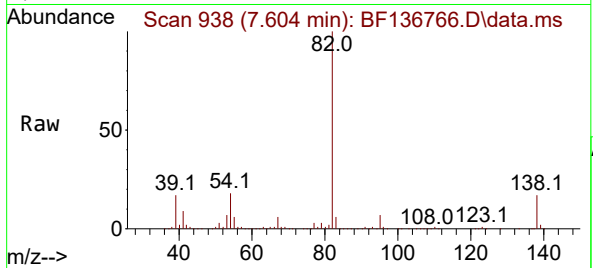




#25
Isophorone
Concen: 40.817 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

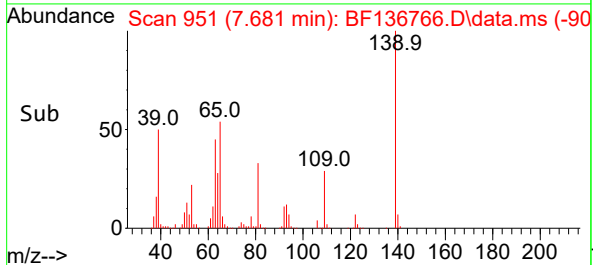
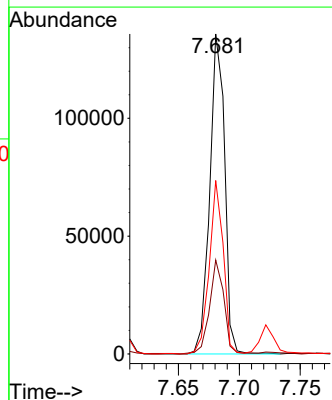
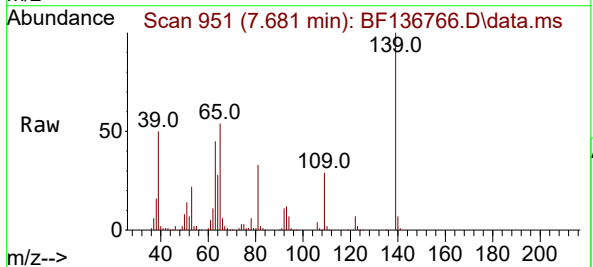
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MSD

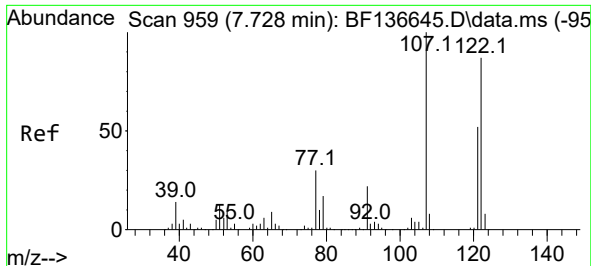
Tgt Ion: 82 Resp: 416154
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 17.1 14.5 21.7



#26
2-Nitrophenol
Concen: 43.092 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

Tgt Ion: 139 Resp: 115722
Ion Ratio Lower Upper
139 100
109 29.4 21.9 32.9
65 54.2 38.6 58.0

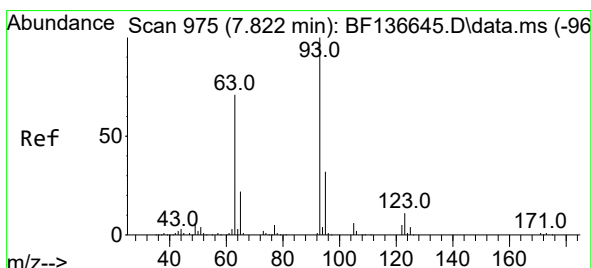
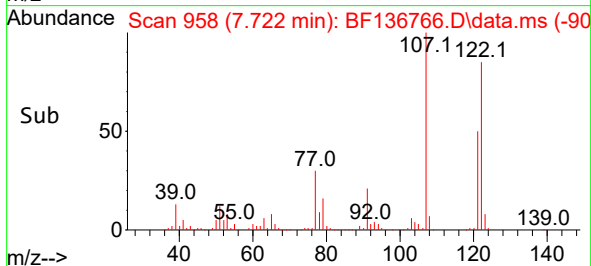
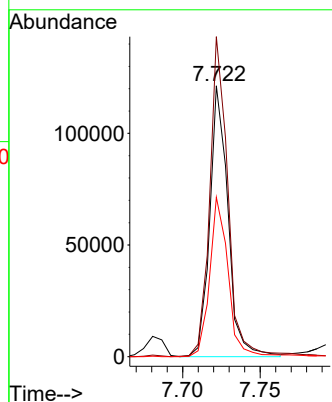
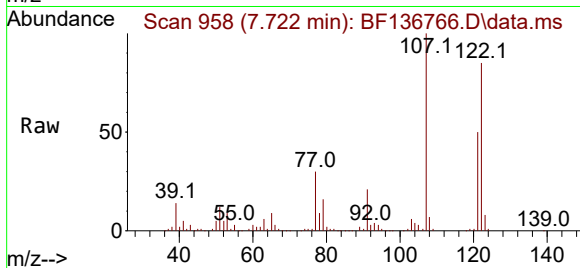




#27
2,4-Dimethylphenol
Concen: 30.390 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

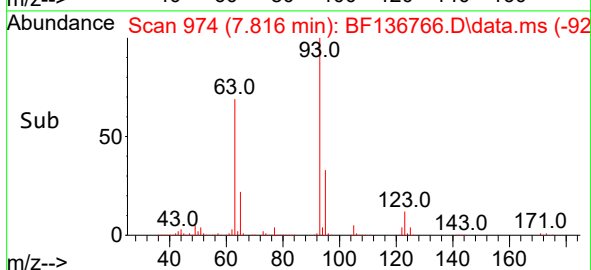
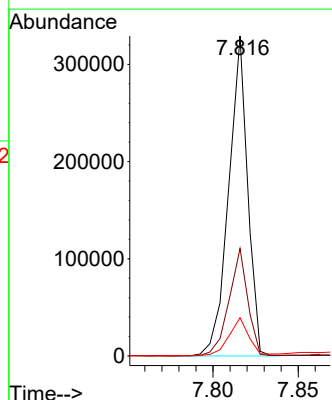
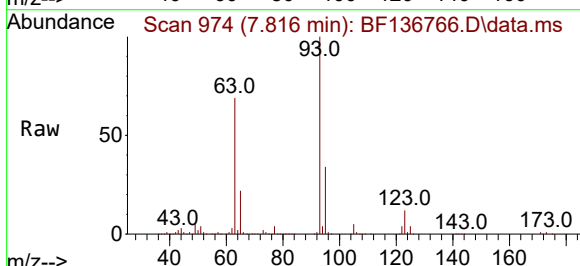
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MSD

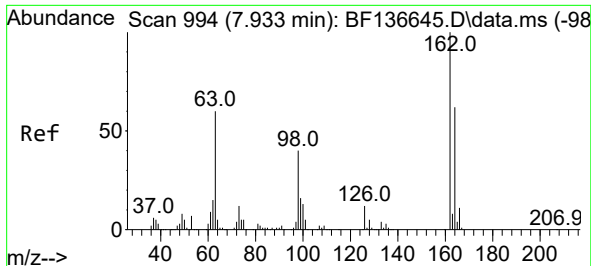
Tgt Ion:122 Resp: 99356
Ion Ratio Lower Upper
122 100
107 118.1 92.0 138.0
121 58.9 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 41.255 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

Tgt Ion: 93 Resp: 255674
Ion Ratio Lower Upper
93 100
95 33.6 25.5 38.3
123 11.9 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 42.126 ng

RT: 7.928 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF136766.D

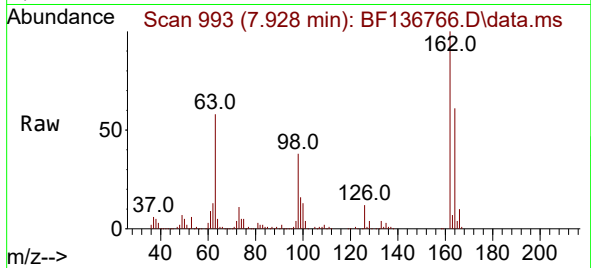
Acq: 27 Dec 2023 19:27

Instrument :

BNA_F

ClientSampleId :

RT-SB-04-13-14MSD



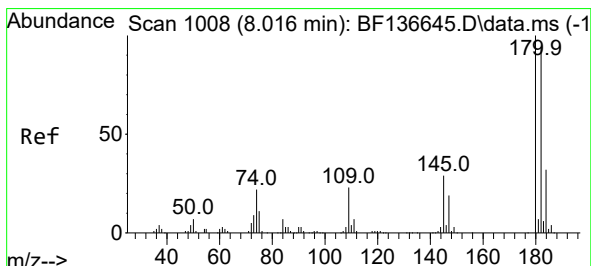
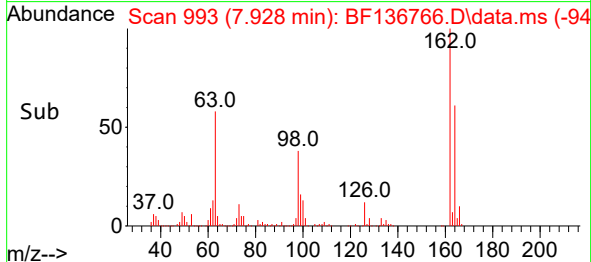
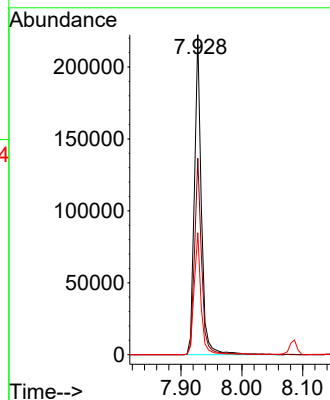
Tgt Ion:162 Resp: 177312

Ion Ratio Lower Upper

162 100

164 61.4 41.7 81.7

98 38.1 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 40.118 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF136766.D

Acq: 27 Dec 2023 19:27

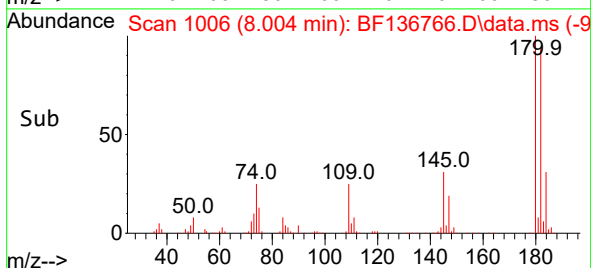
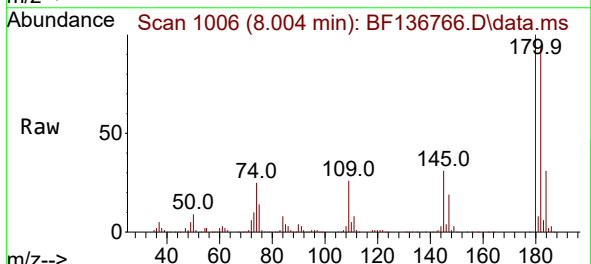
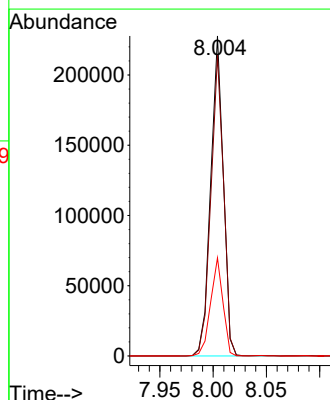
Tgt Ion:180 Resp: 188143

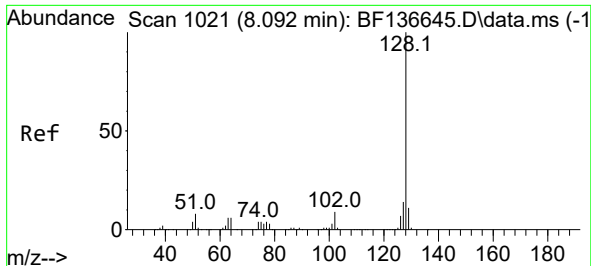
Ion Ratio Lower Upper

180 100

182 93.9 75.4 113.0

145 30.6 23.1 34.7

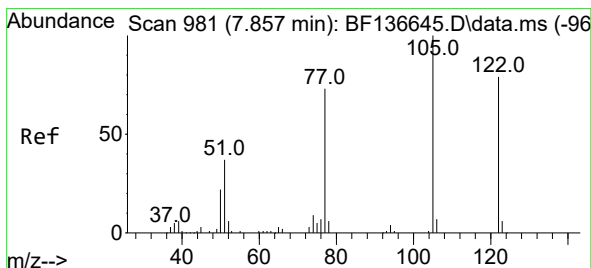
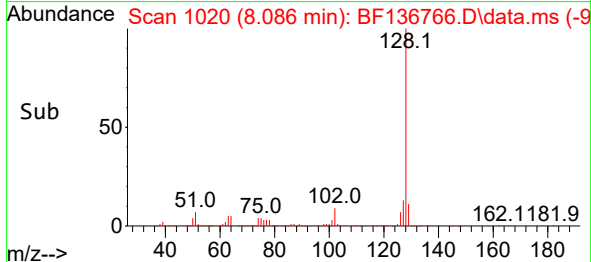
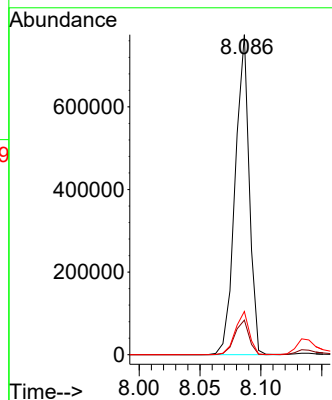
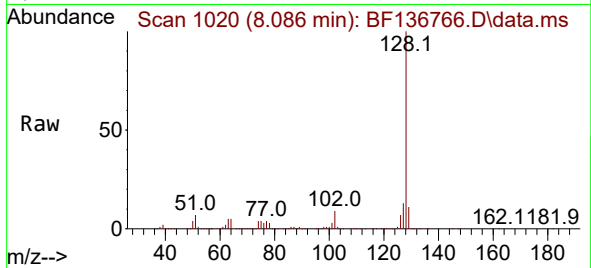




#31
Naphthalene
Concen: 39.454 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

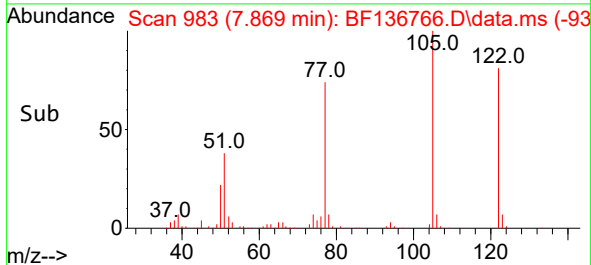
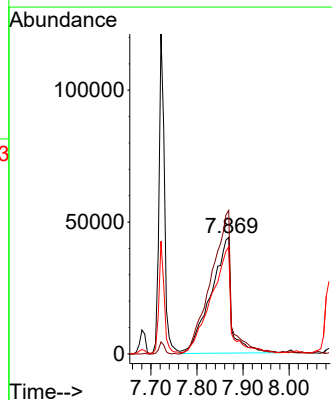
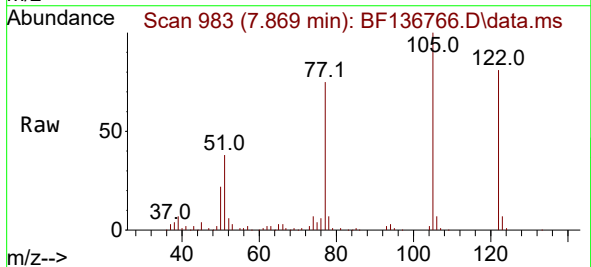
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MSD

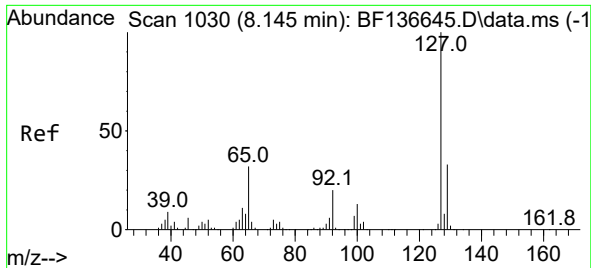
Tgt Ion:128 Resp: 621474
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 43.139 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.012 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

Tgt Ion:122 Resp: 136464
Ion Ratio Lower Upper
122 100
105 123.2 100.8 140.8
77 92.0 70.9 110.9

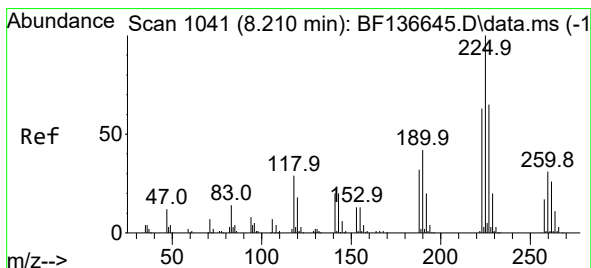
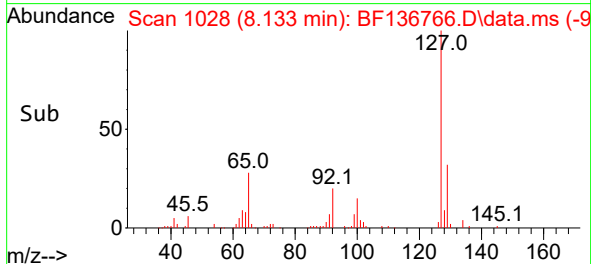
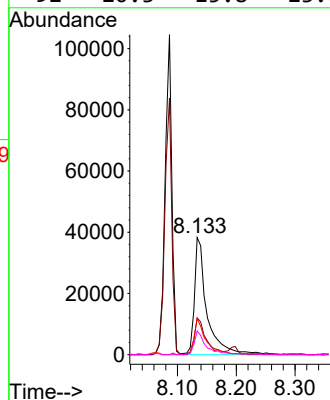
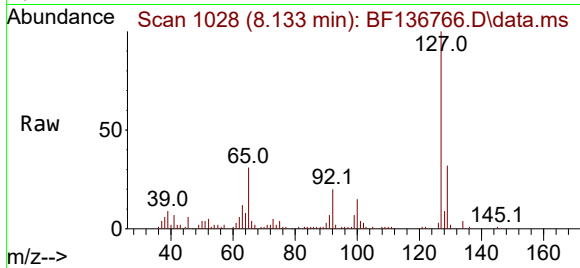




#33
4-Chloroaniline
Concen: 9.758 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

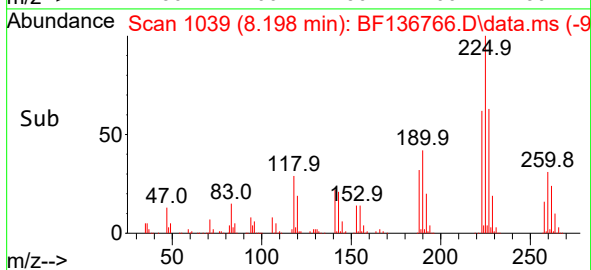
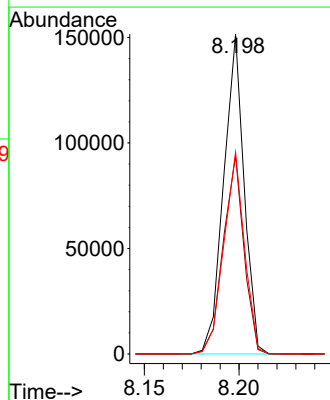
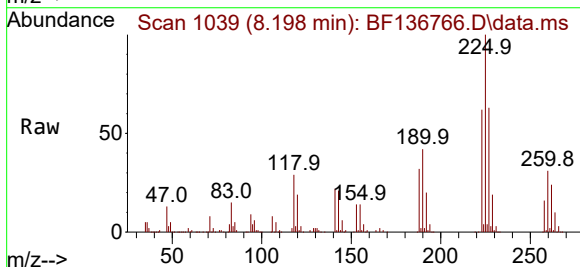
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MSD

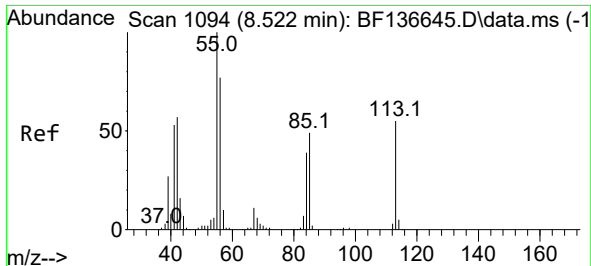
Tgt Ion:	127	Resp:	56753
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.3	39.5
65	31.0	25.8	38.8
92	20.3	15.8	23.6



#34
Hexachlorobutadiene
Concen: 39.900 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

Tgt Ion:	225	Resp:	113687
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.6	76.0
227	63.1	51.9	77.9

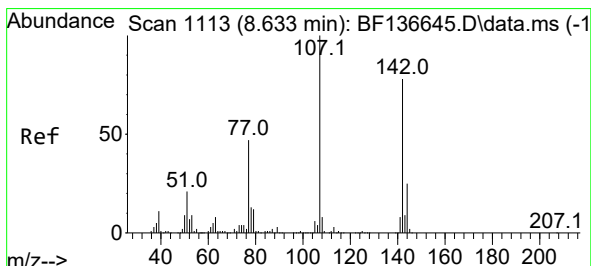
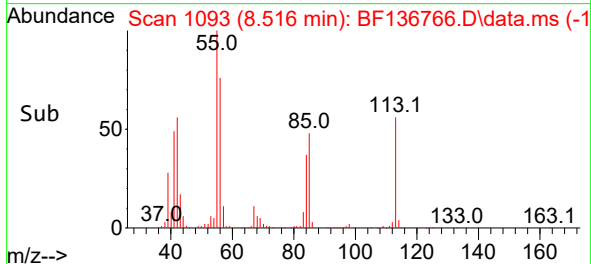
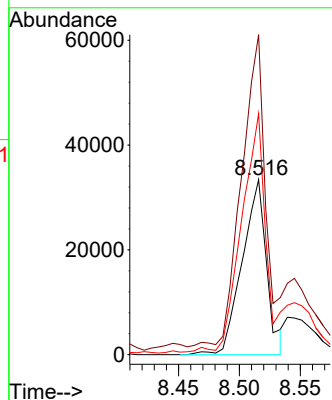
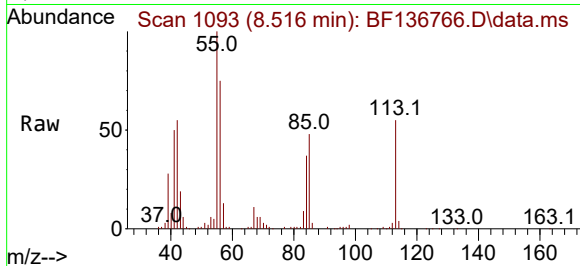




#35
 Caprolactam
 Concen: 33.328 ng
 RT: 8.516 min Scan# 1093
 Delta R.T. -0.006 min
 Lab File: BF136766.D
 Acq: 27 Dec 2023 19:27

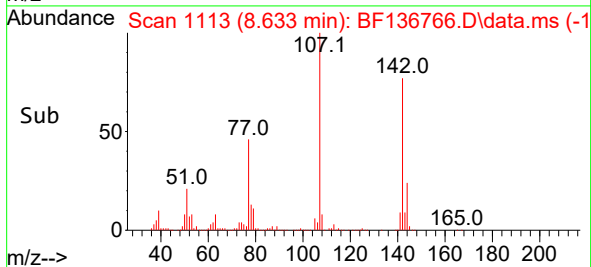
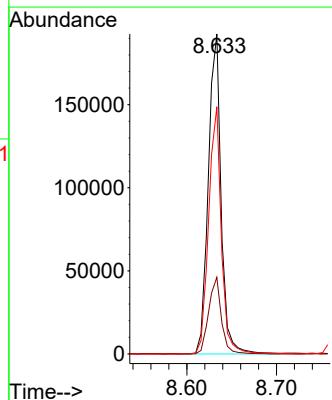
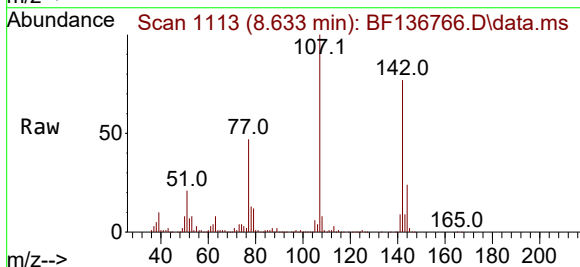
Instrument :
 BNA_F
 ClientSampleId :
 RT-SB-04-13-14MSD

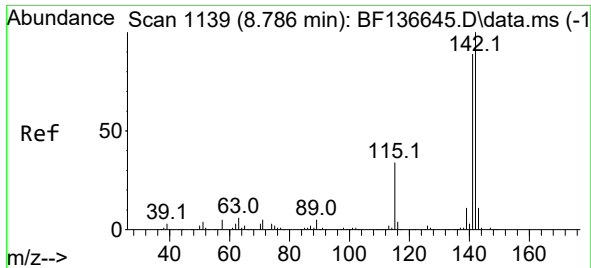
Tgt Ion:113 Resp: 46277
 Ion Ratio Lower Upper
 113 100
 55 182.9 163.1 203.1
 56 137.8 121.7 161.7



#36
 4-Chloro-3-methylphenol
 Concen: 40.267 ng
 RT: 8.633 min Scan# 1113
 Delta R.T. 0.000 min
 Lab File: BF136766.D
 Acq: 27 Dec 2023 19:27

Tgt Ion:107 Resp: 190803
 Ion Ratio Lower Upper
 107 100
 144 24.0 20.2 30.2
 142 77.3 62.3 93.5

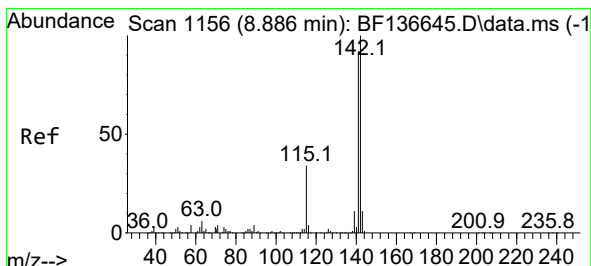
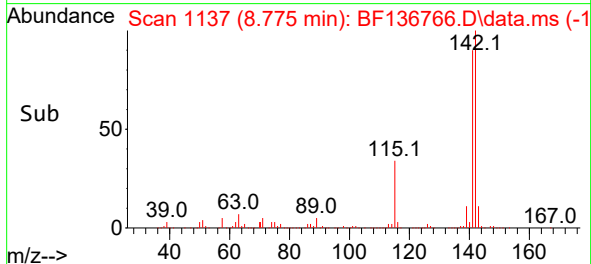
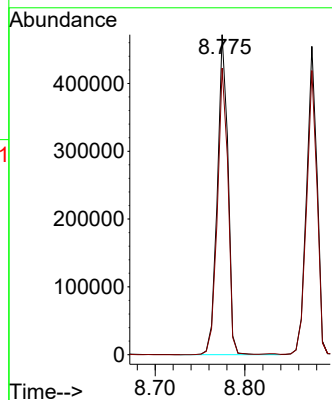
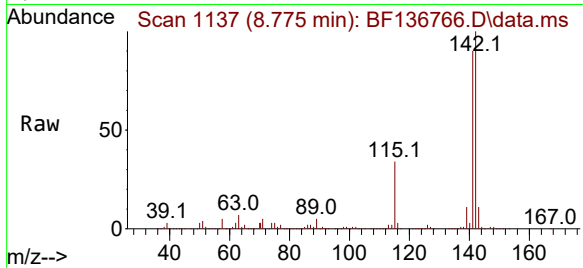




#37
2-Methylnaphthalene
Concen: 38.177 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

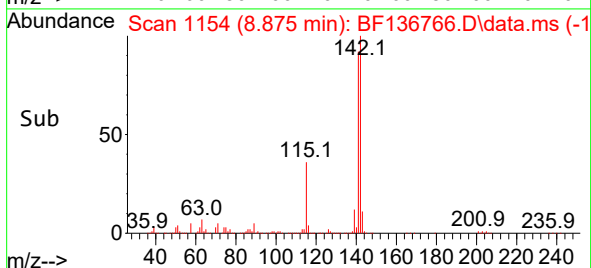
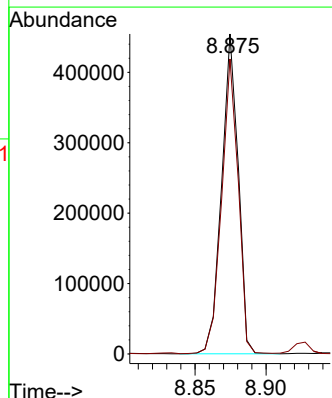
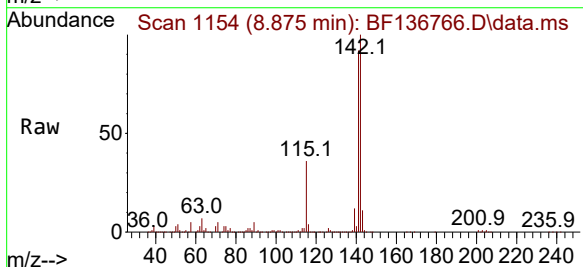
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MSD

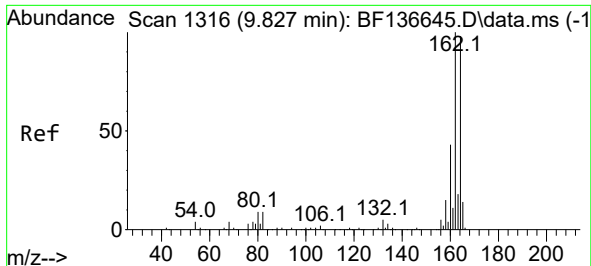
Tgt Ion:142 Resp: 387012
Ion Ratio Lower Upper
142 100
141 89.5 71.1 106.7



#38
1-Methylnaphthalene
Concen: 36.979 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

Tgt Ion:142 Resp: 367774
Ion Ratio Lower Upper
142 100
141 92.2 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF136766.D

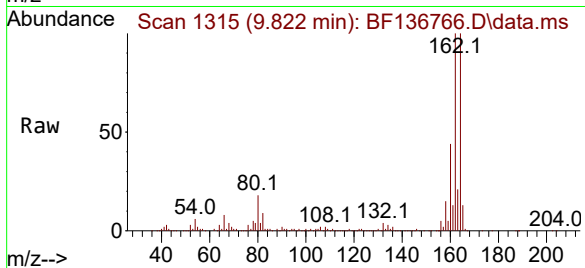
Acq: 27 Dec 2023 19:27

Instrument :

BNA_F

ClientSampleId :

RT-SB-04-13-14MSD



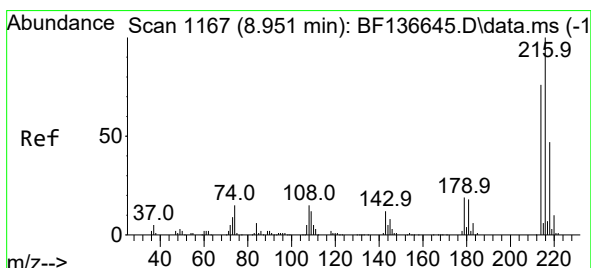
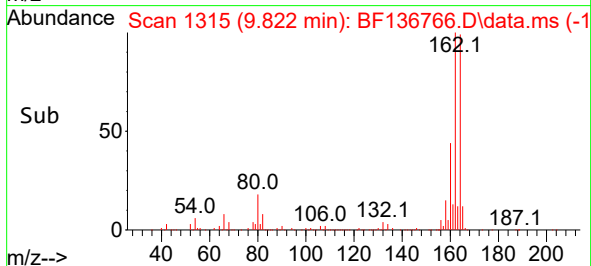
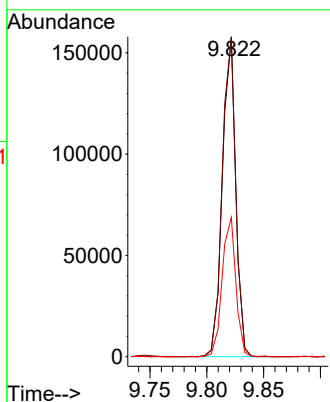
Tgt Ion:164 Resp: 129066

Ion Ratio Lower Upper

164 100

162 100.3 81.6 122.4

160 43.6 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.279 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF136766.D

Acq: 27 Dec 2023 19:27

Tgt Ion:216 Resp: 188981

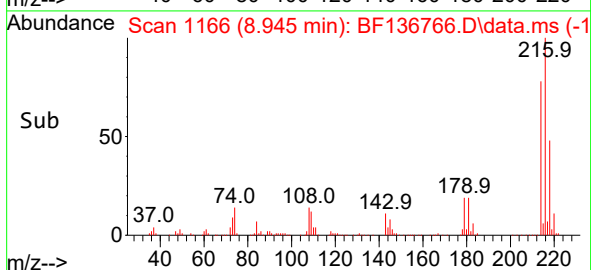
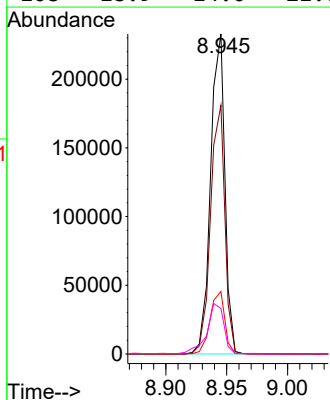
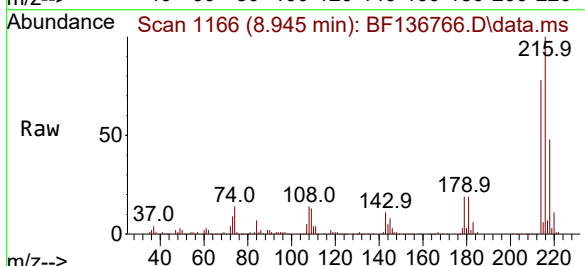
Ion Ratio Lower Upper

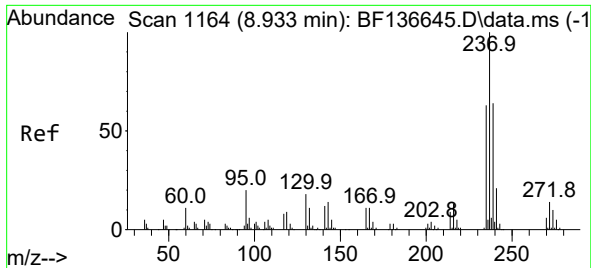
216 100

214 78.1 62.3 93.5

179 20.1 16.4 24.6

108 18.9 14.0 21.0

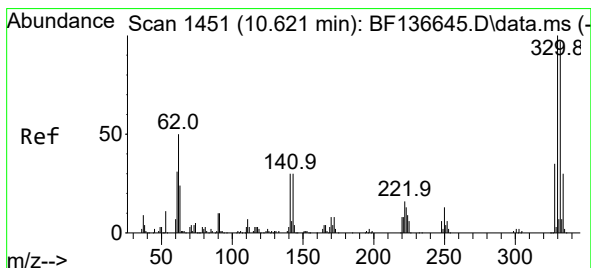
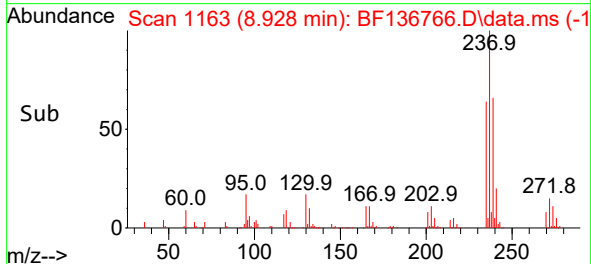
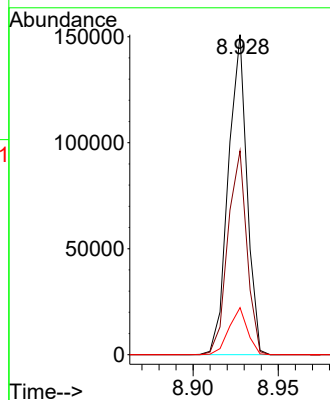
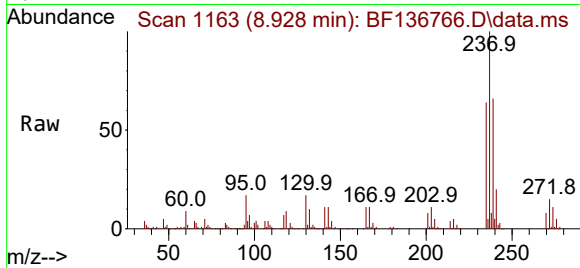




#41
Hexachlorocyclopentadiene
Concen: 89.447 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

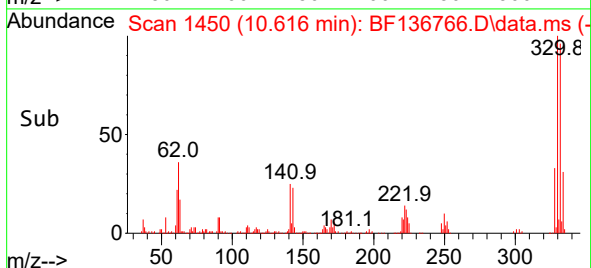
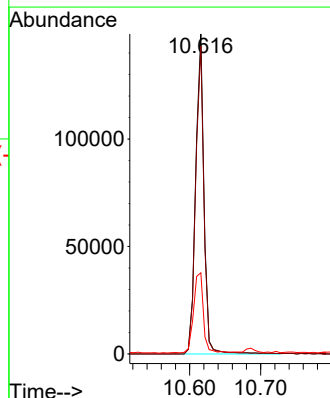
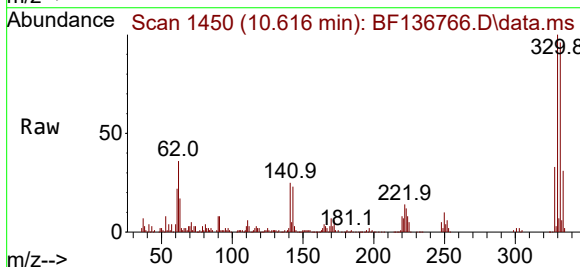
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MSD

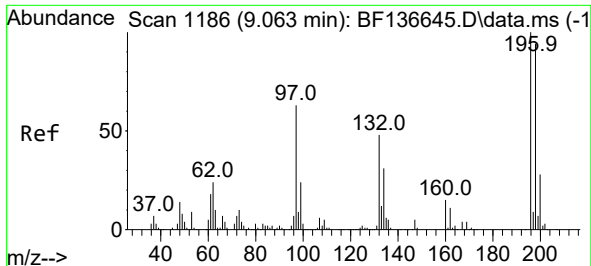
Tgt Ion:237 Resp: 114781
Ion Ratio Lower Upper
237 100
235 63.7 43.2 83.2
272 14.7 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 80.149 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

Tgt Ion:330 Resp: 121830
Ion Ratio Lower Upper
330 100
332 95.9 77.4 116.0
141 30.0 23.4 35.2

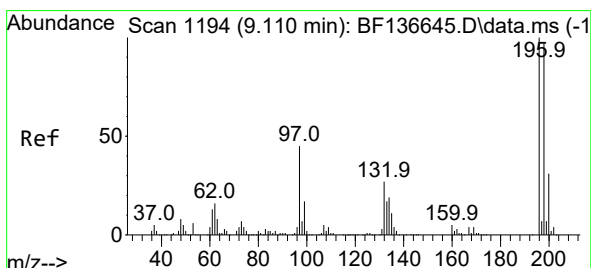
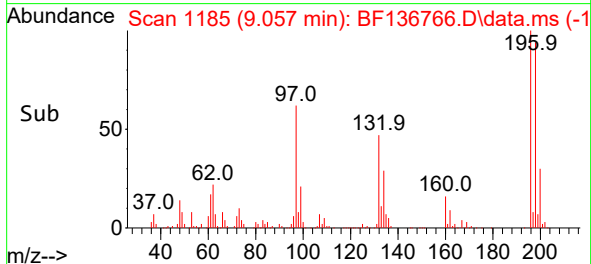
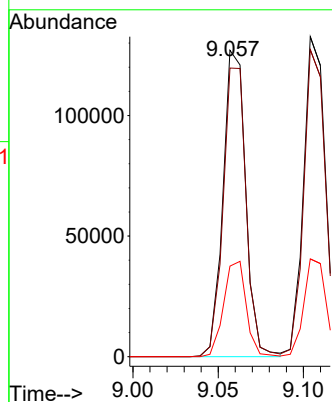
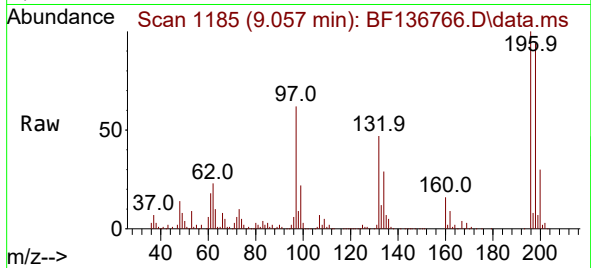




#43
2,4,6-Trichlorophenol
Concen: 45.838 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

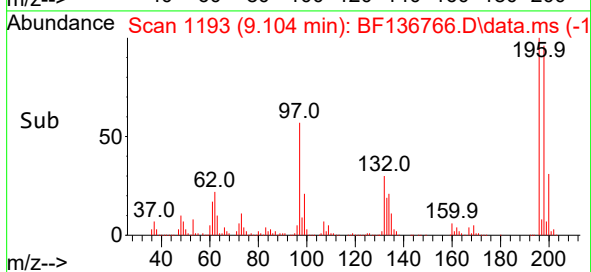
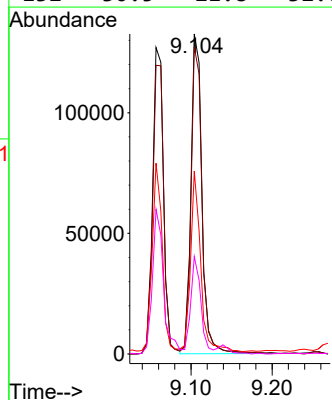
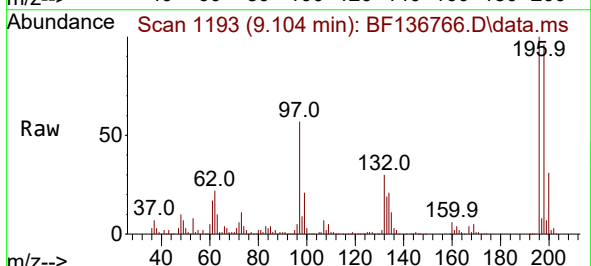
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MSD

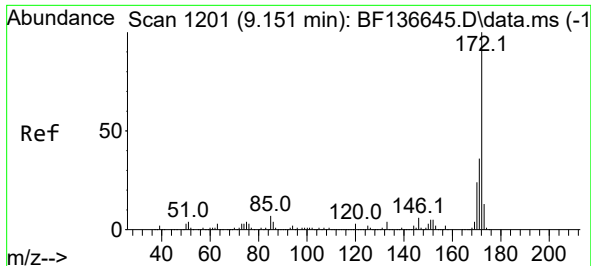
Tgt Ion:196 Resp: 117503
Ion Ratio Lower Upper
196 100
198 94.2 75.1 112.7
200 29.6 22.5 33.7



#44
2,4,5-Trichlorophenol
Concen: 43.827 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

Tgt Ion:196 Resp: 125196
Ion Ratio Lower Upper
196 100
198 95.9 77.0 115.6
97 57.1 36.1 54.1#
132 30.5 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 67.621 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136766.D

Acq: 27 Dec 2023 19:27

Instrument :

BNA_F

ClientSampleId :

RT-SB-04-13-14MSD

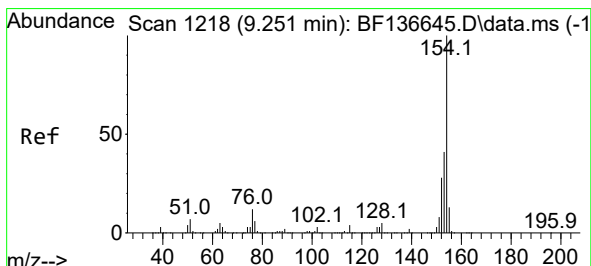
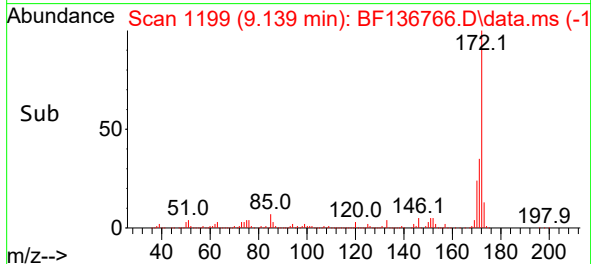
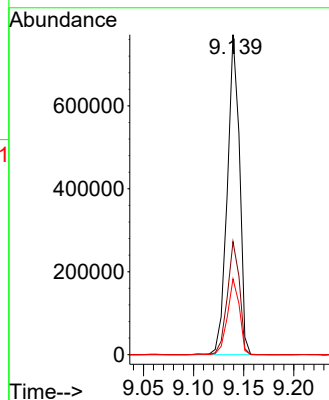
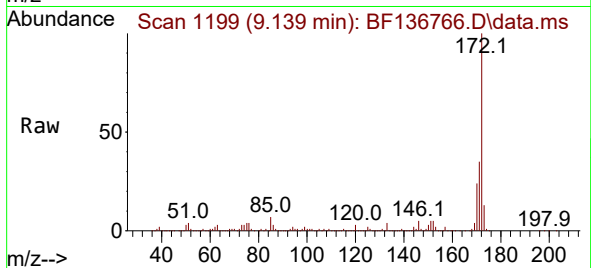
Tgt Ion:172 Resp: 648902

Ion Ratio Lower Upper

172 100

171 35.4 29.0 43.6

170 23.7 19.0 28.4



#46

1,1'-Biphenyl

Concen: 45.552 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF136766.D

Acq: 27 Dec 2023 19:27

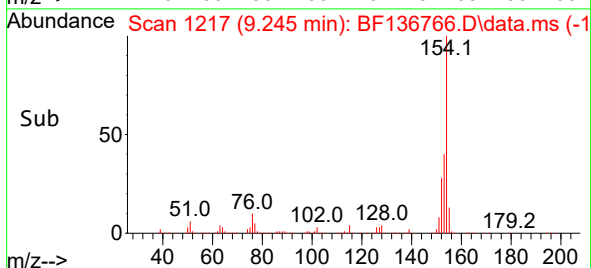
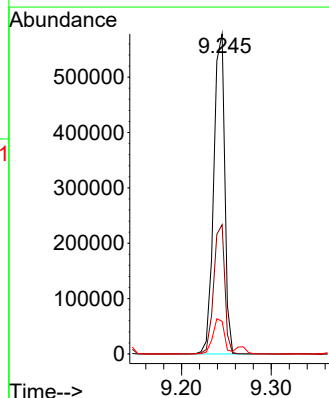
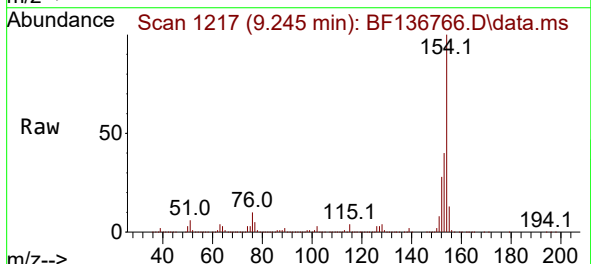
Tgt Ion:154 Resp: 493360

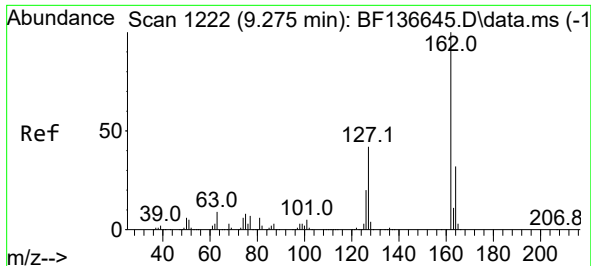
Ion Ratio Lower Upper

154 100

153 40.4 21.1 61.1

76 10.2 0.0 31.7





#47

2-Chloronaphthalene

Concen: 42.533 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF136766.D

Acq: 27 Dec 2023 19:27

Instrument :

BNA_F

ClientSampleId :

RT-SB-04-13-14MSD

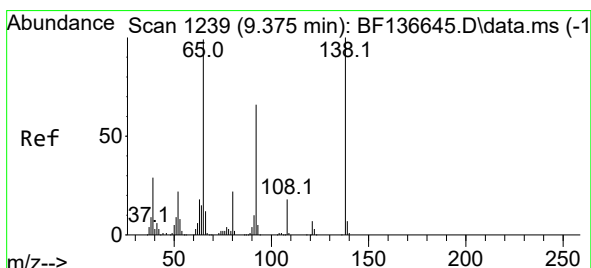
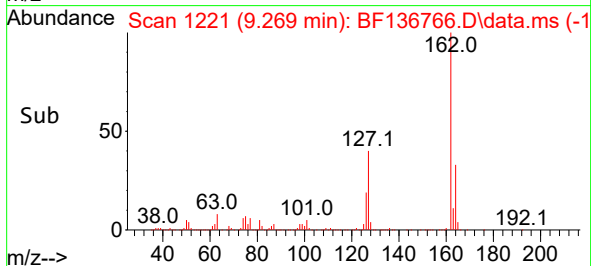
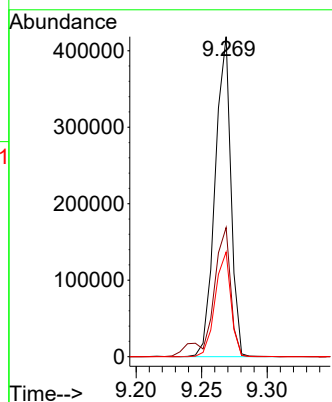
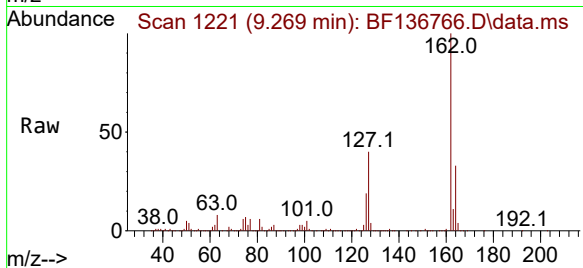
Tgt Ion:162 Resp: 350199

Ion Ratio Lower Upper

162 100

127 40.4 33.6 50.4

164 32.7 25.7 38.5



#48

2-Nitroaniline

Concen: 45.278 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF136766.D

Acq: 27 Dec 2023 19:27

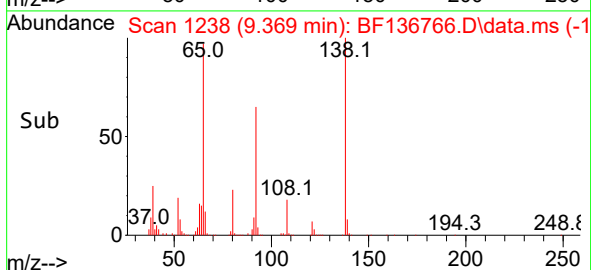
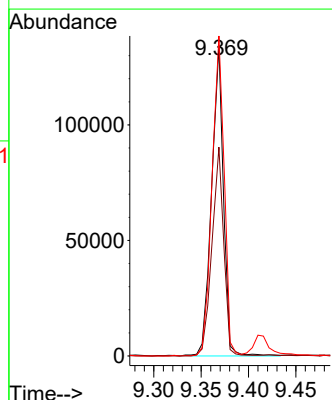
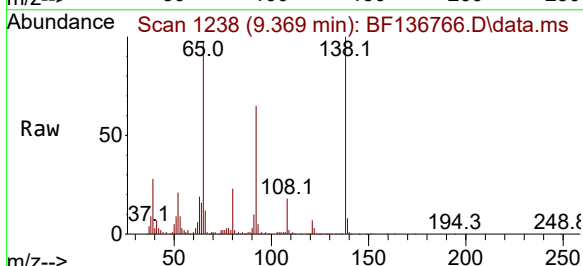
Tgt Ion: 65 Resp: 116741

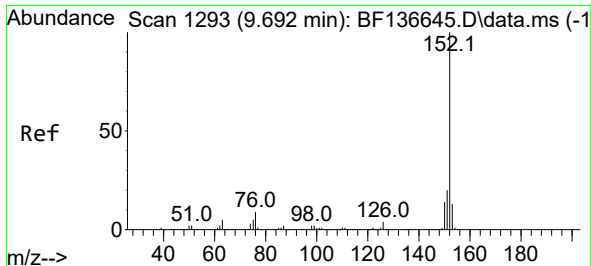
Ion Ratio Lower Upper

65 100

92 67.3 53.2 79.8

138 103.2 81.1 121.7

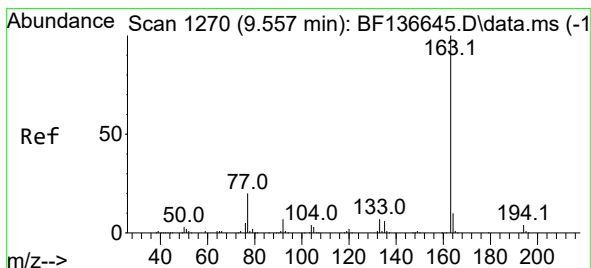
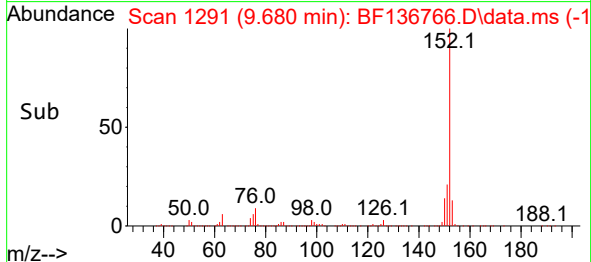
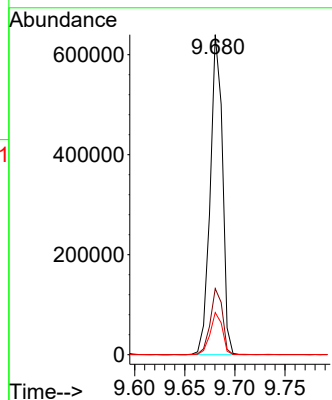
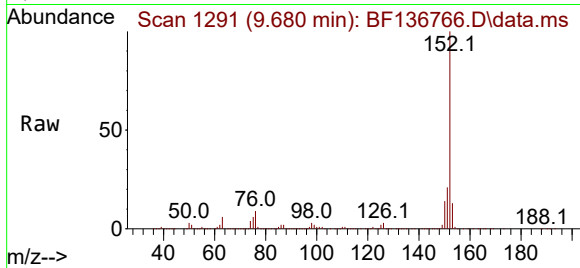




#49
Acenaphthylene
Concen: 43.370 ng
RT: 9.680 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

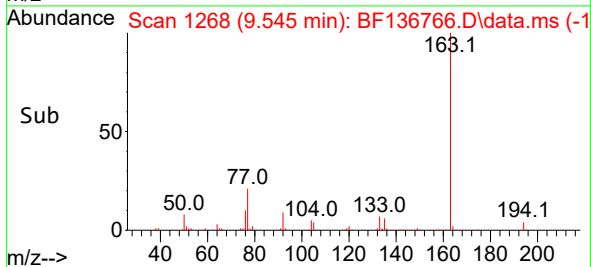
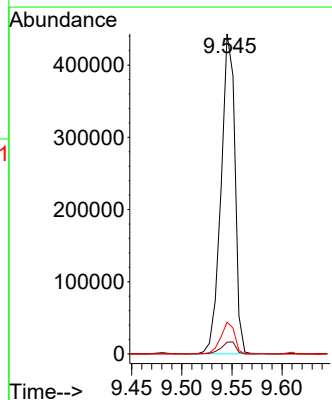
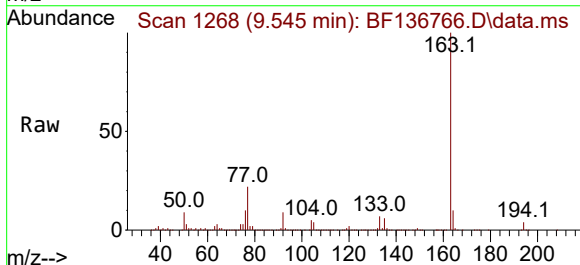
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MSD

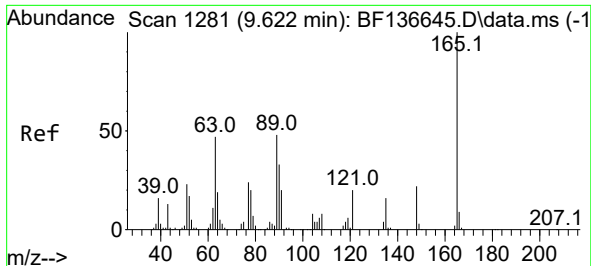
Tgt Ion:152 Resp: 545804
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 13.1 10.2 15.2



#50
Dimethylphthalate
Concen: 45.225 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

Tgt Ion:163 Resp: 426346
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.0 7.8 11.6

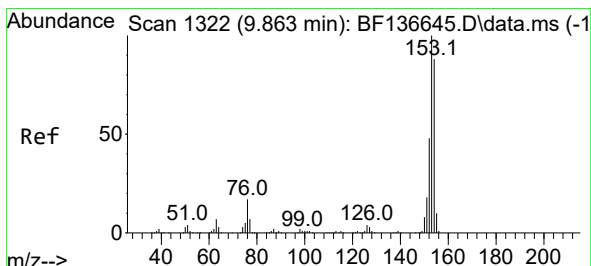
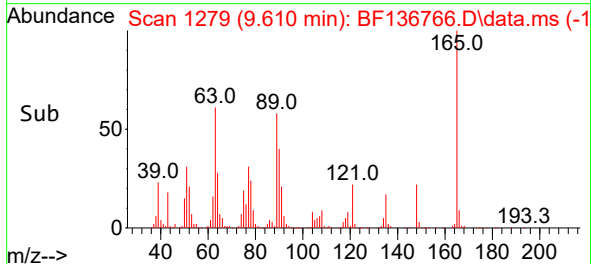
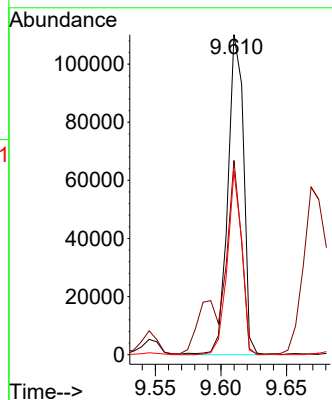
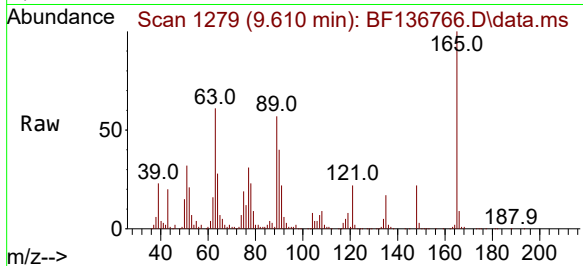




#51
2,6-Dinitrotoluene
Concen: 42.958 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

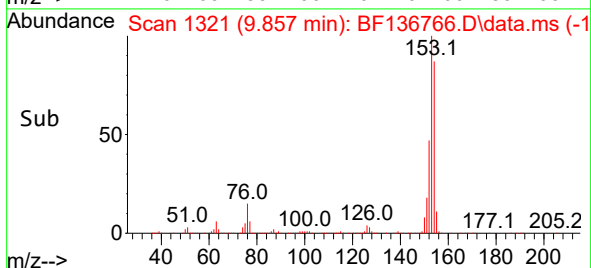
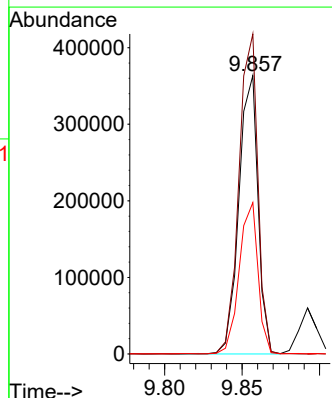
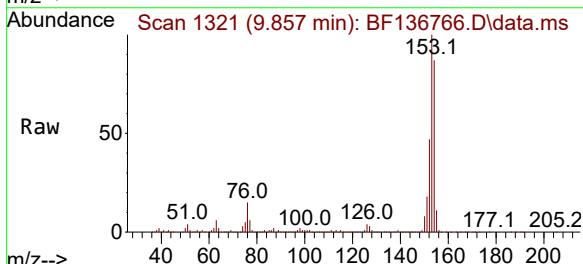
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MSD

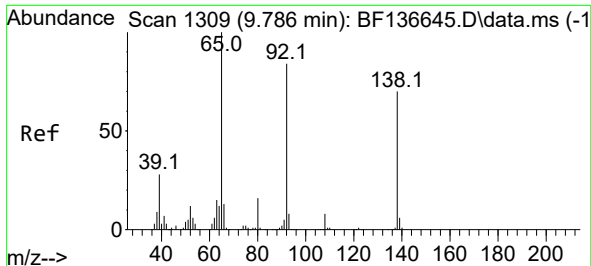
Tgt Ion:165 Resp: 91910
Ion Ratio Lower Upper
165 100
63 60.7 39.8 59.6#
89 57.4 38.8 58.2



#52
Acenaphthene
Concen: 40.040 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

Tgt Ion:154 Resp: 312356
Ion Ratio Lower Upper
154 100
153 114.9 90.7 136.1
152 54.4 43.7 65.5

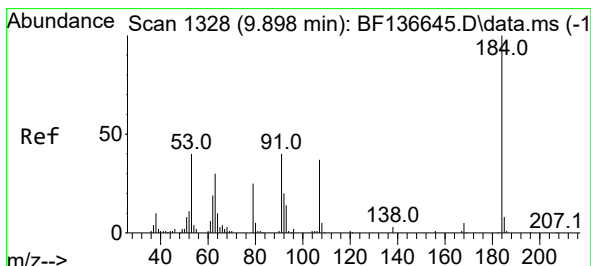
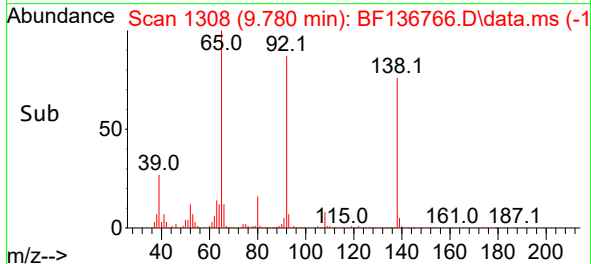
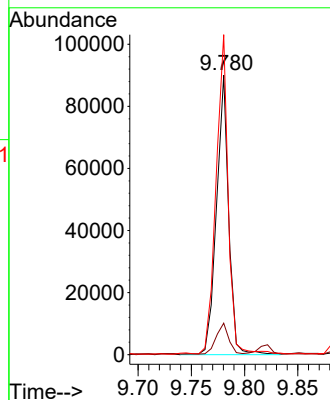
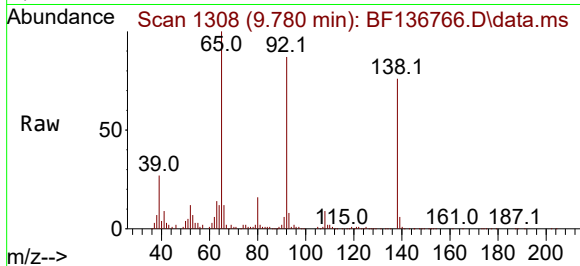




#53
3-Nitroaniline
Concen: 31.807 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

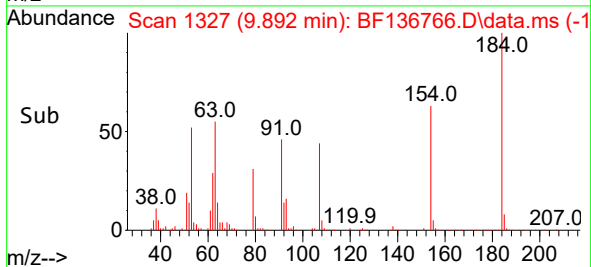
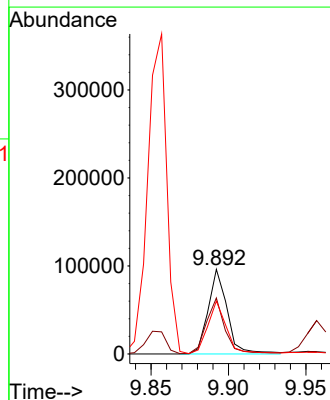
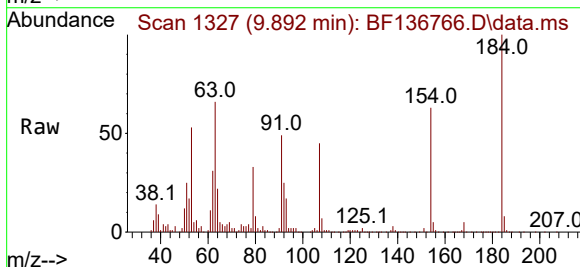
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MSD

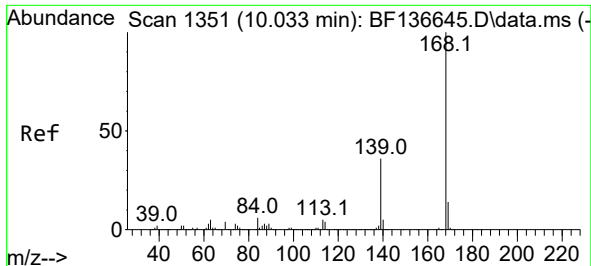
Tgt Ion:138 Resp: 72089
Ion Ratio Lower Upper
138 100
108 11.3 8.6 12.8
92 114.5 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 69.979 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

Tgt Ion:184 Resp: 82398
Ion Ratio Lower Upper
184 100
63 66.2 40.9 61.3#
154 62.6 42.7 64.1

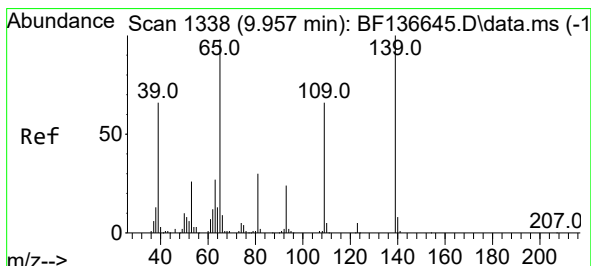
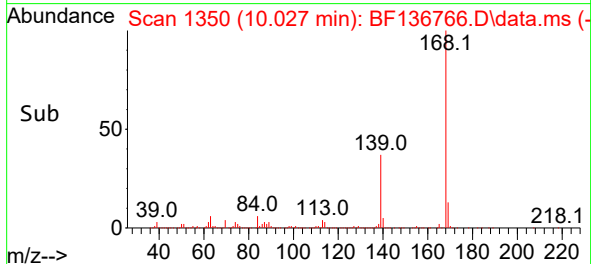
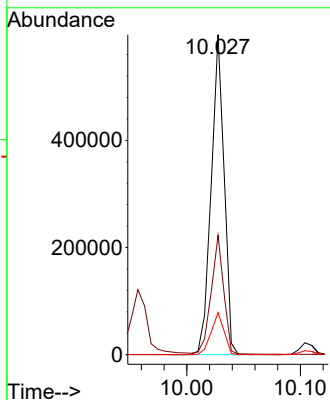
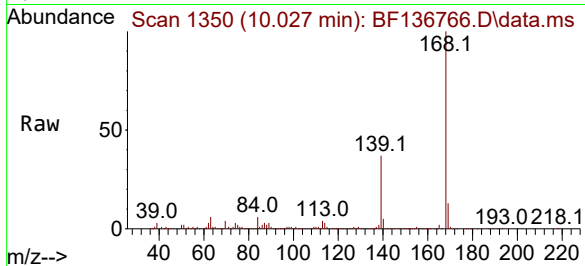




#55
Dibenzenofuran
Concen: 39.921 ng
RT: 10.027 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

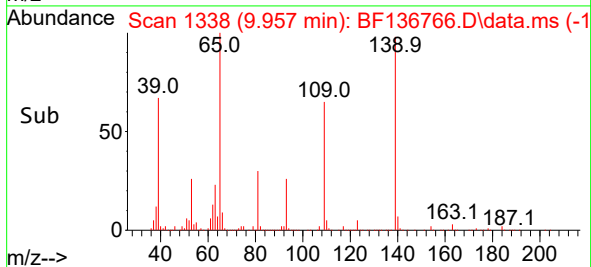
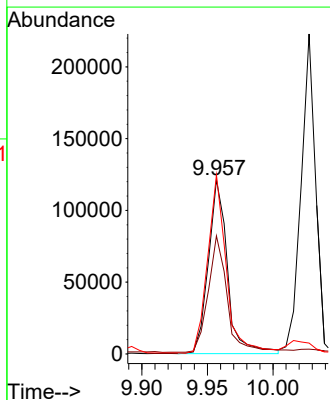
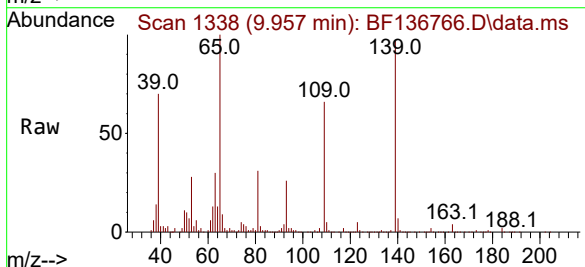
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MSD

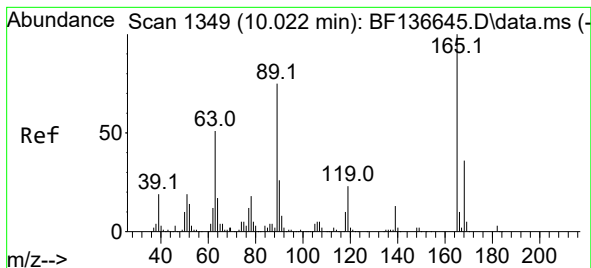
Tgt Ion:168 Resp: 472080
Ion Ratio Lower Upper
168 100
139 37.3 29.3 43.9
169 13.2 11.0 16.4



#56
4-Nitrophenol
Concen: 80.605 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

Tgt Ion:139 Resp: 123325
Ion Ratio Lower Upper
139 100
109 67.8 45.8 85.8
65 102.8 77.8 117.8





#57

2,4-Dinitrotoluene

Concen: 40.270 ng

RT: 10.016 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136766.D

Acq: 27 Dec 2023 19:27

Instrument :

BNA_F

ClientSampleId :

RT-SB-04-13-14MSD

Tgt Ion:165 Resp: 111851

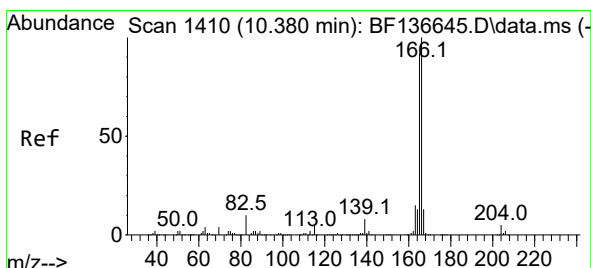
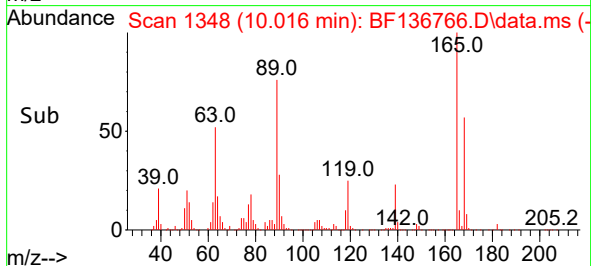
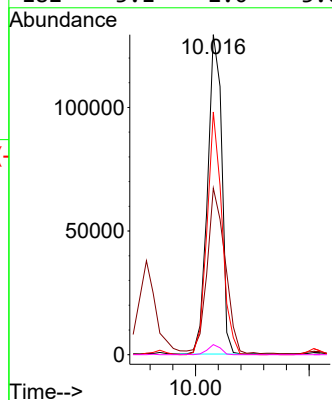
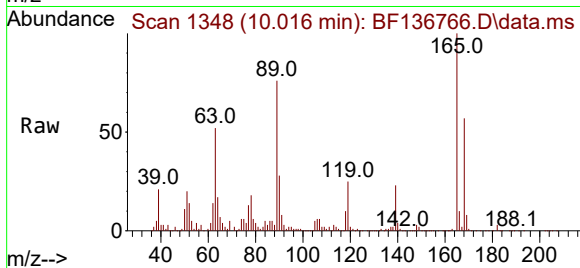
Ion Ratio Lower Upper

165 100

63 52.0 41.0 61.6

89 75.9 59.9 89.9

182 3.1 2.0 3.0#



#58

Fluorene

Concen: 37.770 ng

RT: 10.369 min Scan# 1408

Delta R.T. -0.012 min

Lab File: BF136766.D

Acq: 27 Dec 2023 19:27

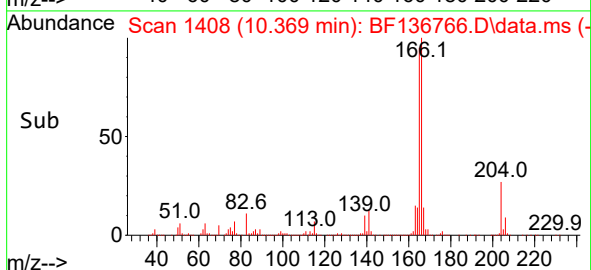
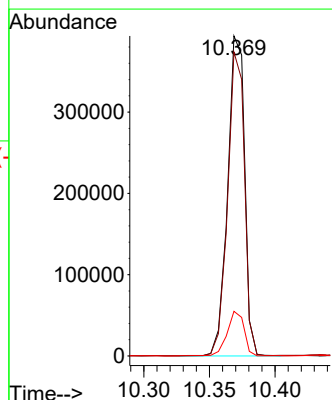
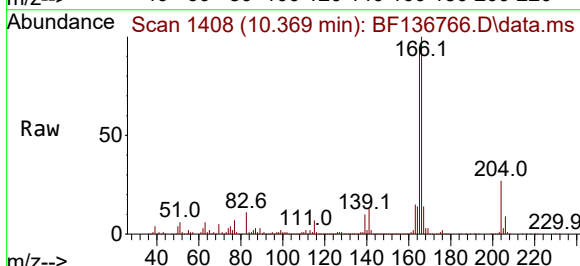
Tgt Ion:166 Resp: 354395

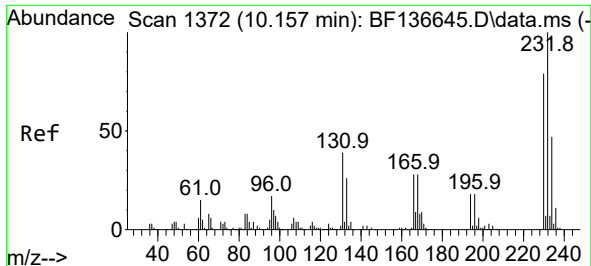
Ion Ratio Lower Upper

166 100

165 95.0 73.7 110.5

167 13.9 10.4 15.6

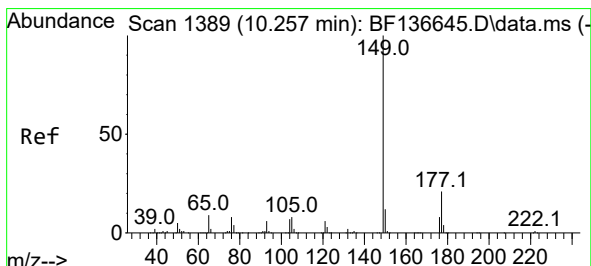
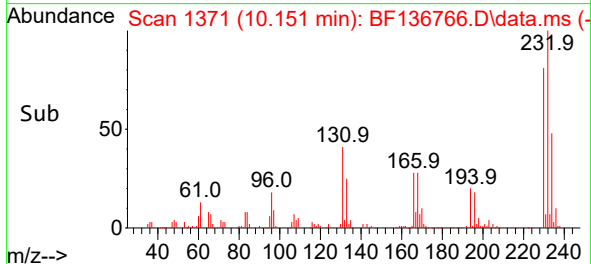
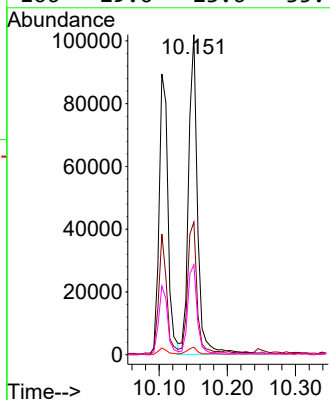
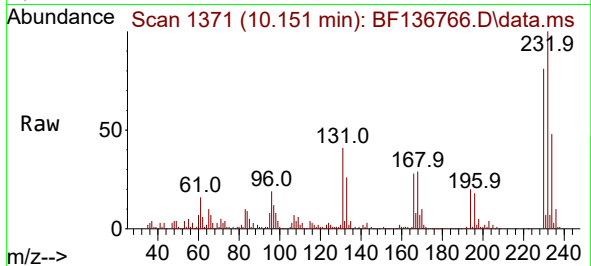




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.162 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

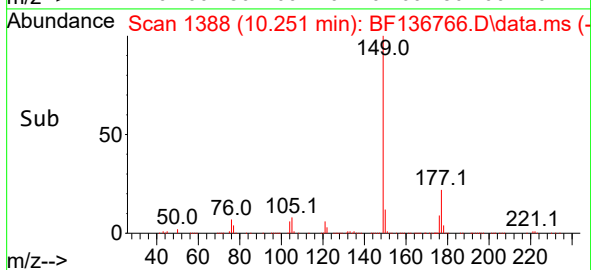
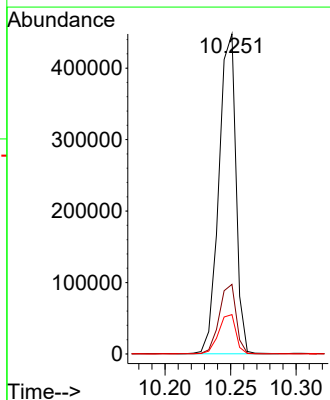
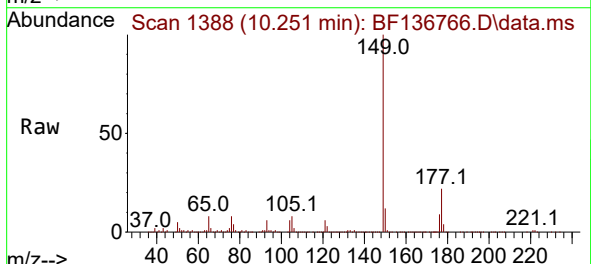
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MSD

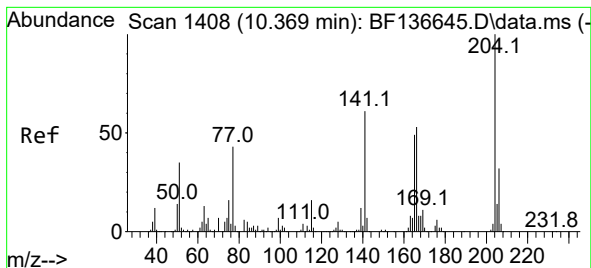
Tgt Ion:232 Resp: 92711
Ion Ratio Lower Upper
232 100
131 41.3 35.1 52.7
130 2.2 1.6 2.4
166 29.6 23.6 35.4



#60
Diethylphthalate
Concen: 41.346 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

Tgt Ion:149 Resp: 404421
Ion Ratio Lower Upper
149 100
177 21.7 16.9 25.3
150 12.3 9.3 13.9

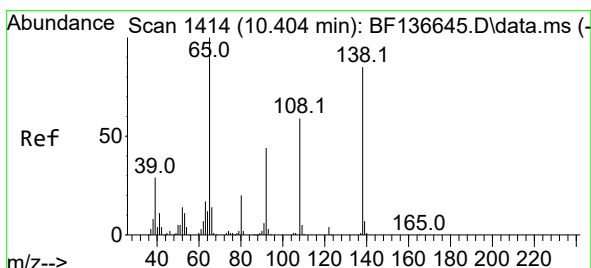
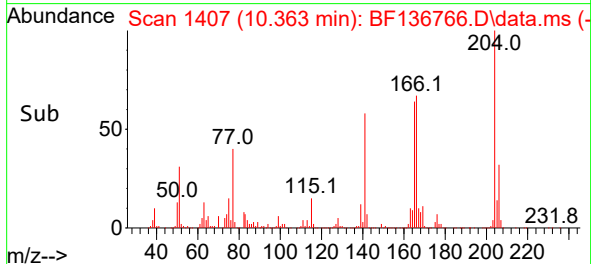
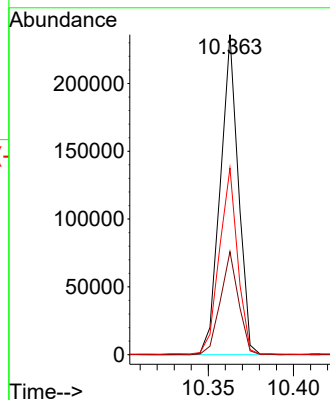
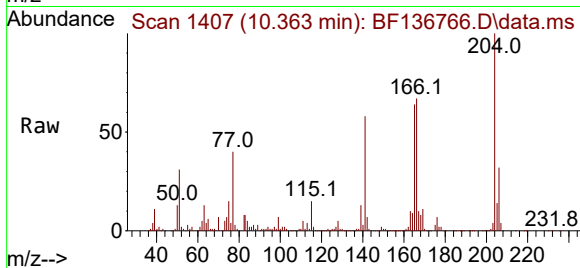




#61
4-Chlorophenyl-phenylether
Concen: 38.218 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

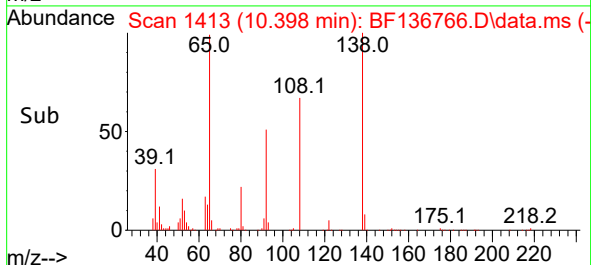
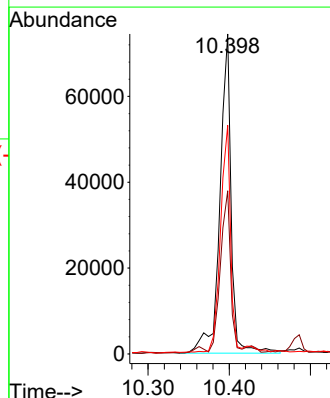
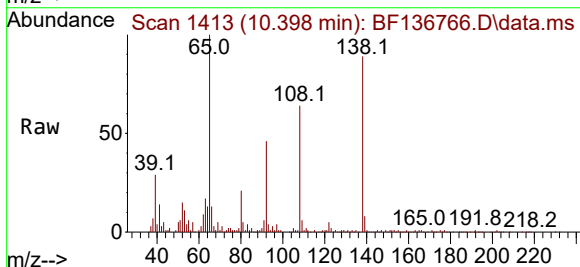
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MSD

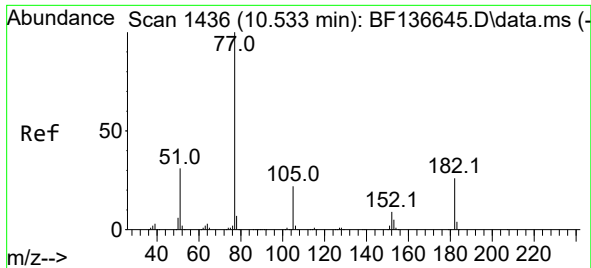
Tgt Ion:204 Resp: 174306
Ion Ratio Lower Upper
204 100
206 32.2 25.6 38.4
141 58.3 48.4 72.6



#62
4-Nitroaniline
Concen: 32.931 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

Tgt Ion:138 Resp: 71951
Ion Ratio Lower Upper
138 100
92 51.0 32.1 72.1
108 71.5 50.1 90.1

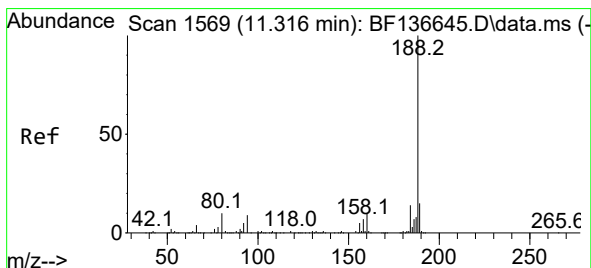
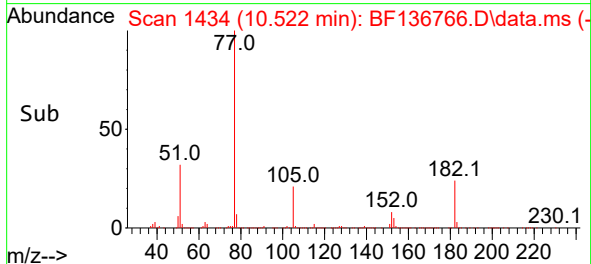
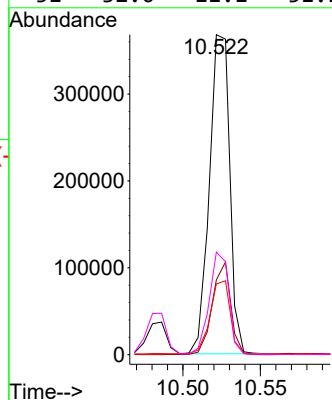
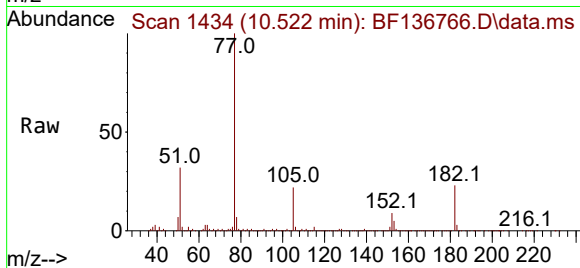




#63
Azobenzene
Concen: 36.772 ng
RT: 10.522 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

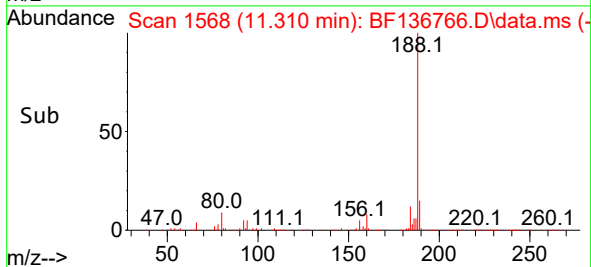
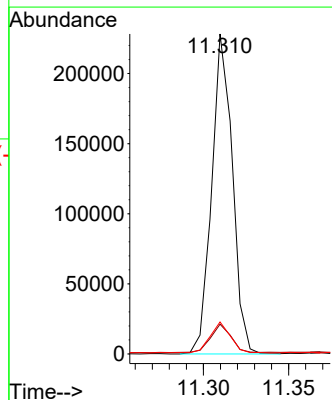
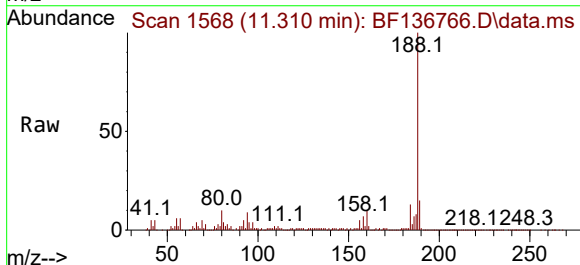
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MSD

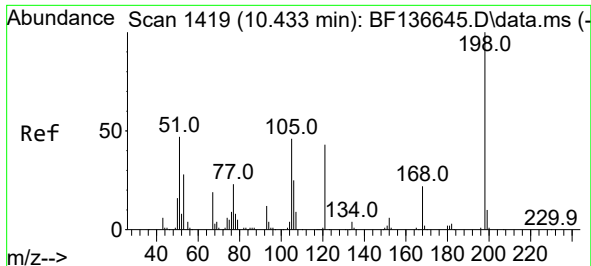
Tgt Ion:	77	Resp:	335944
Ion	Ratio	Lower	Upper
77	100		
182	23.4	6.0	46.0
105	22.1	2.3	42.3
51	32.0	11.1	51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

Tgt Ion:	188	Resp:	192629
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.5	11.3
80	10.0	8.1	12.1

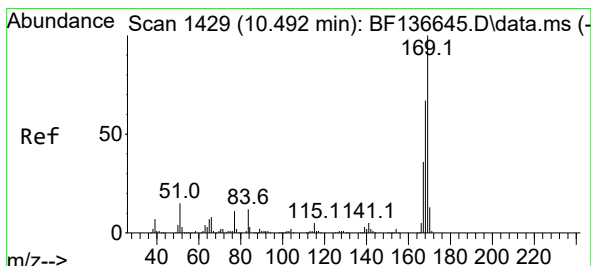
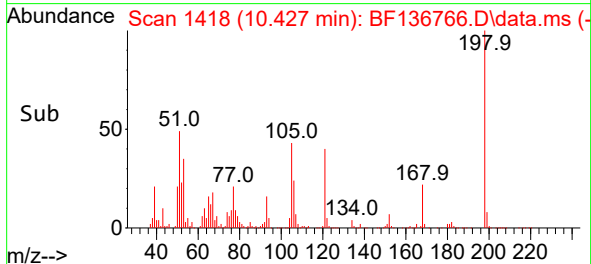
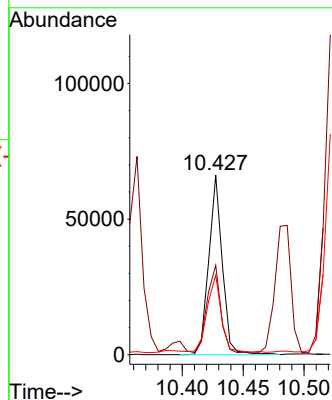
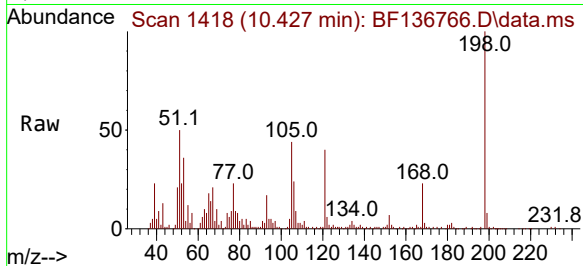




#65
4,6-Dinitro-2-methylphenol
Concen: 46.227 ng
RT: 10.427 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

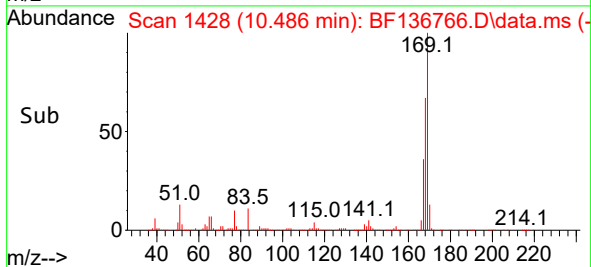
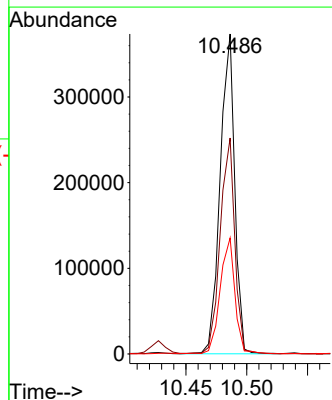
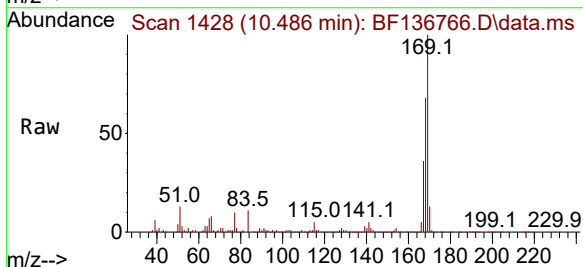
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MSD

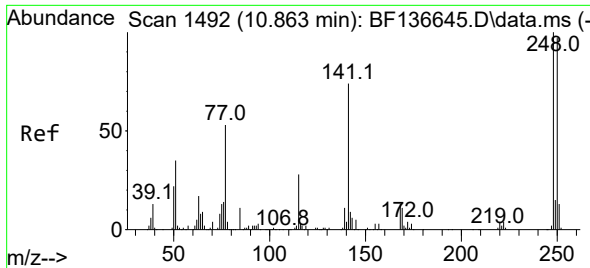
Tgt Ion:198 Resp: 51033
Ion Ratio Lower Upper
198 100
51 49.6 34.1 74.1
105 44.2 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 49.654 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

Tgt Ion:169 Resp: 310710
Ion Ratio Lower Upper
169 100
168 67.5 53.8 80.6
167 36.2 28.7 43.1

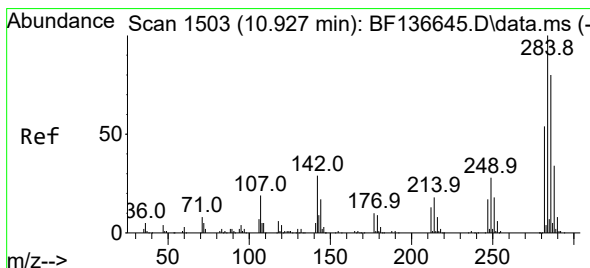
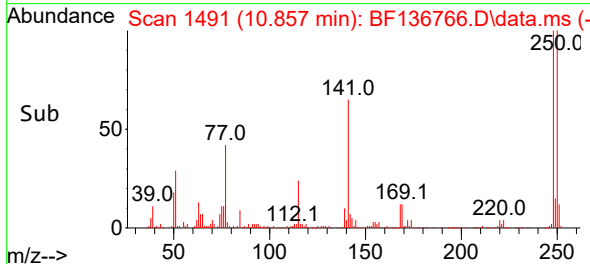
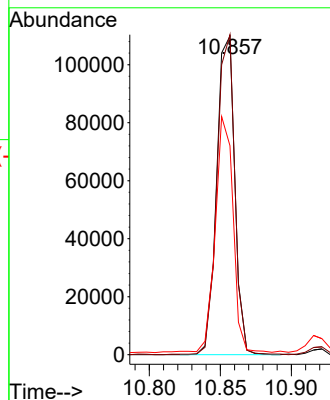
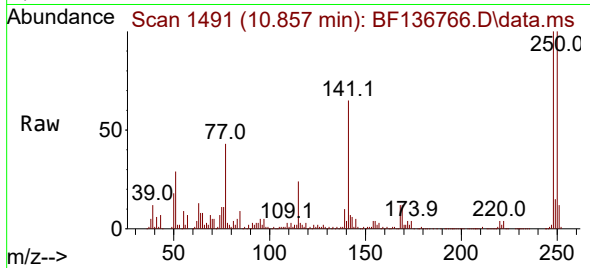




#67
4-Bromophenyl-phenylether
Concen: 45.490 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

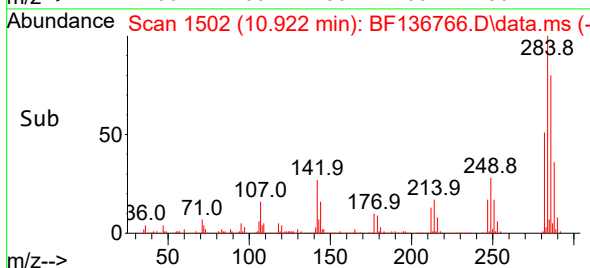
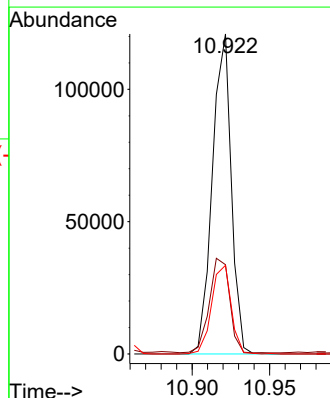
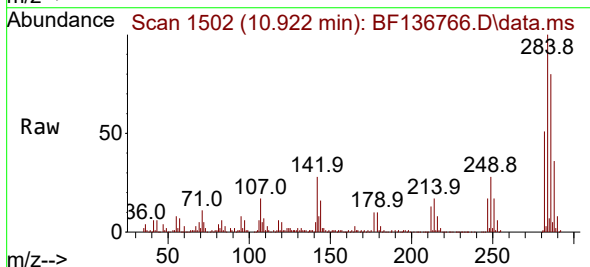
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MSD

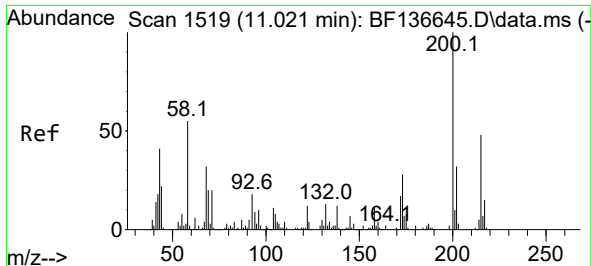
Tgt Ion:248 Resp: 97316
Ion Ratio Lower Upper
248 100
250 100.5 77.8 116.6
141 65.6 59.2 88.8



#68
Hexachlorobenzene
Concen: 42.971 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

Tgt Ion:284 Resp: 102444
Ion Ratio Lower Upper
284 100
142 27.9 23.4 35.0
249 27.7 22.3 33.5

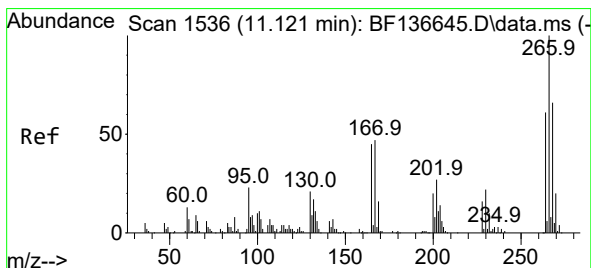
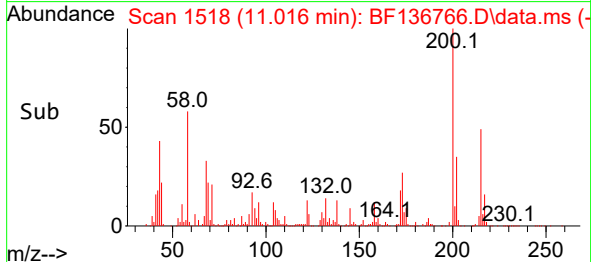
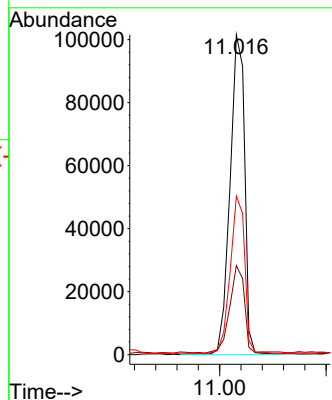
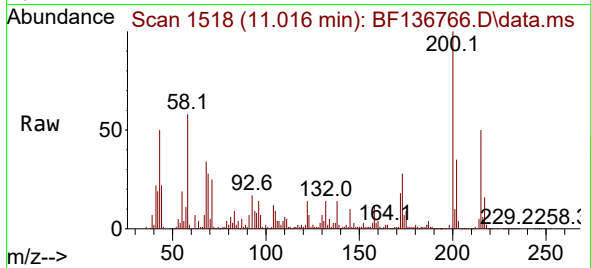




#69
 Atrazine
 Concen: 60.329 ng
 RT: 11.016 min Scan# 1518
 Delta R.T. -0.006 min
 Lab File: BF136766.D
 Acq: 27 Dec 2023 19:27

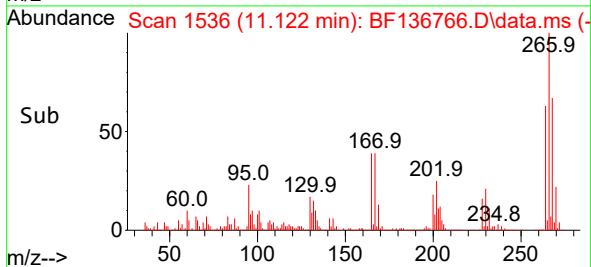
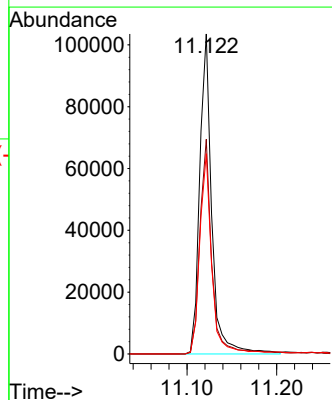
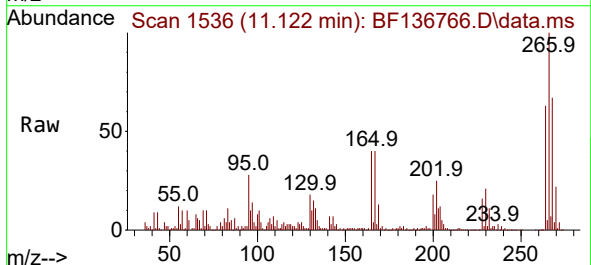
Instrument :
 BNA_F
 ClientSampleId :
 RT-SB-04-13-14MSD

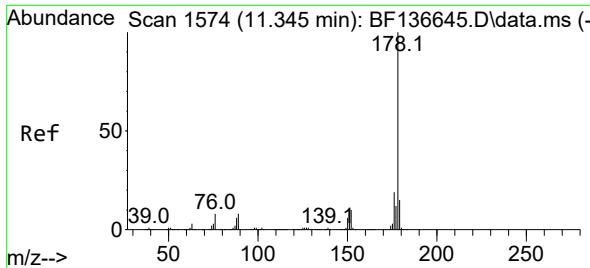
Tgt Ion:200 Resp: 96555
 Ion Ratio Lower Upper
 200 100
 173 27.8 7.6 47.6
 215 49.6 28.3 68.3



#70
 Pentachlorophenol
 Concen: 86.789 ng
 RT: 11.122 min Scan# 1536
 Delta R.T. 0.000 min
 Lab File: BF136766.D
 Acq: 27 Dec 2023 19:27

Tgt Ion:266 Resp: 96443
 Ion Ratio Lower Upper
 266 100
 268 67.1 52.6 78.8
 264 62.6 49.0 73.4

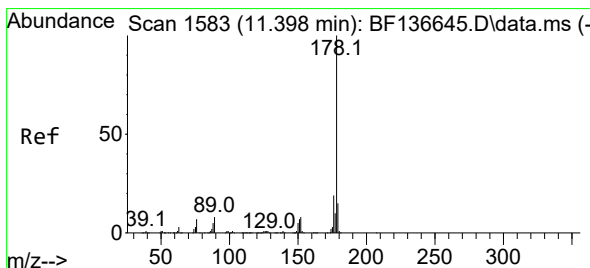
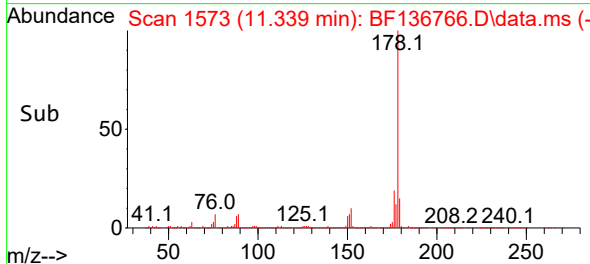
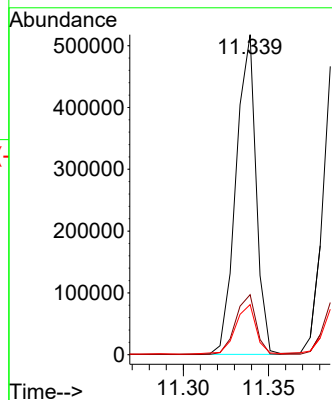
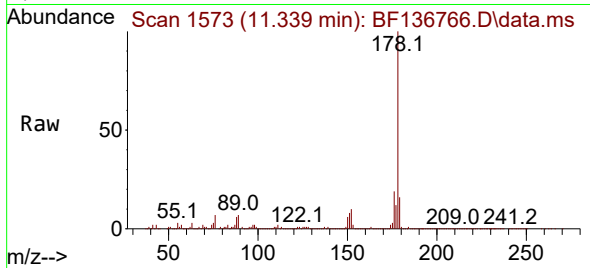




#71
Phenanthrene
Concen: 43.003 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

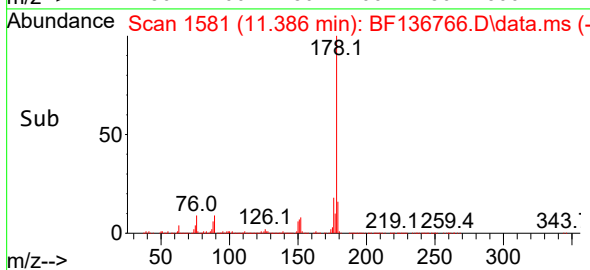
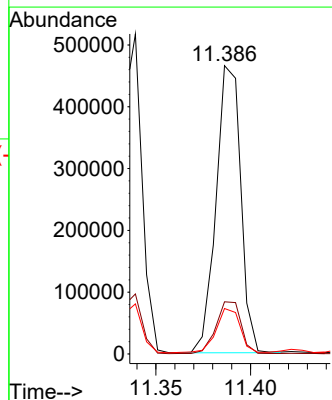
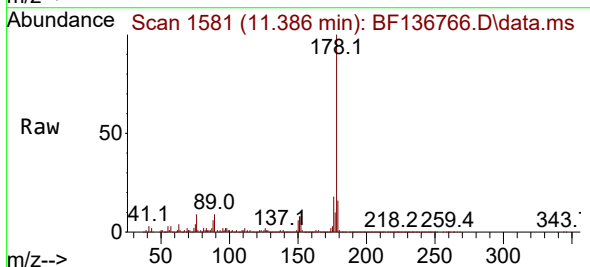
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MSD

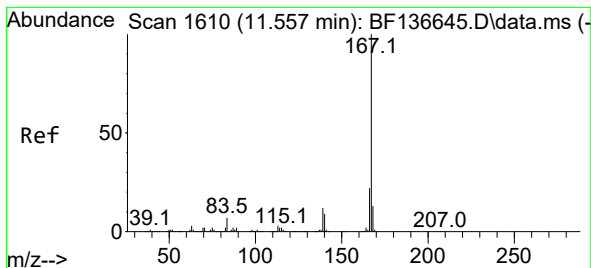
Tgt Ion:178 Resp: 425037
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.6 11.9 17.9



#72
Anthracene
Concen: 42.128 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

Tgt Ion:178 Resp: 421695
Ion Ratio Lower Upper
178 100
176 18.1 14.9 22.3
179 15.8 11.8 17.6





#73

Carbazole

Concen: 41.753 ng

RT: 11.551 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136766.D

Acq: 27 Dec 2023 19:27

Instrument :

BNA_F

ClientSampleId :

RT-SB-04-13-14MSD

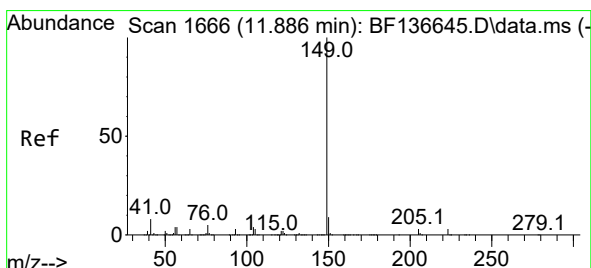
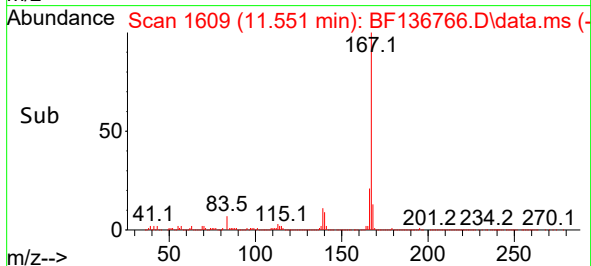
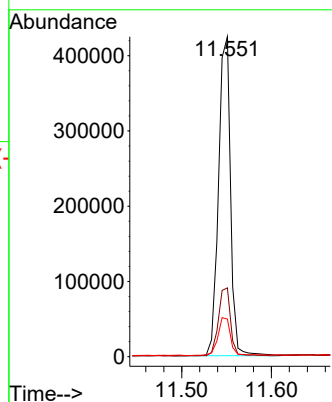
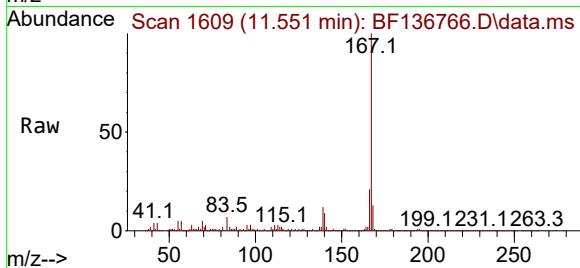
Tgt Ion:167 Resp: 394040

Ion Ratio Lower Upper

167 100

166 21.5 17.3 25.9

139 11.7 9.8 14.6



#74

Di-n-butylphthalate

Concen: 43.431 ng

RT: 11.880 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF136766.D

Acq: 27 Dec 2023 19:27

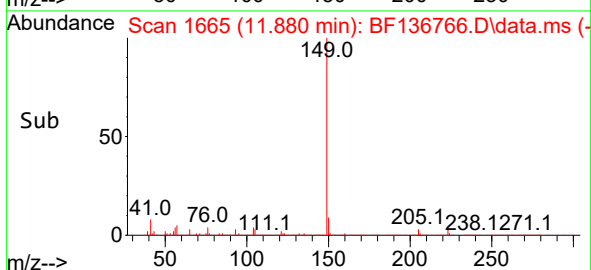
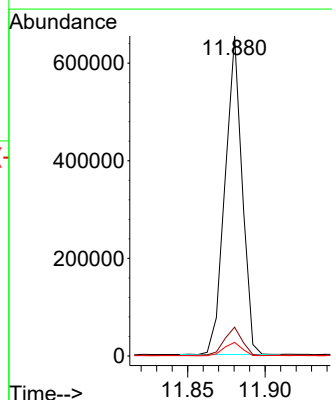
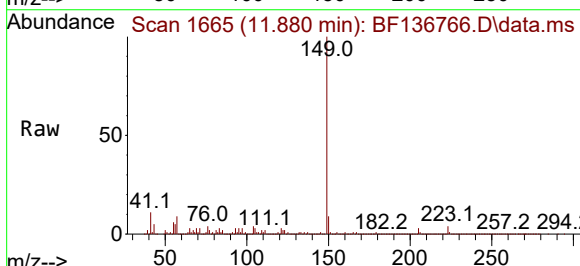
Tgt Ion:149 Resp: 500150

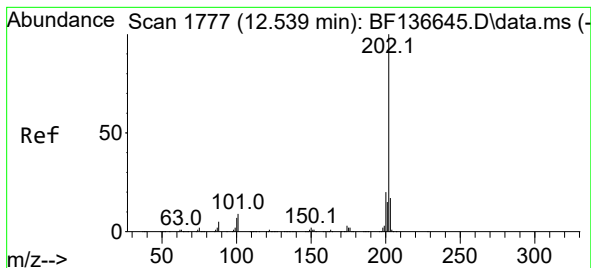
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

104 4.3 3.6 5.4





#75

Fluoranthene

Concen: 38.729 ng

RT: 12.539 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136766.D

Acq: 27 Dec 2023 19:27

Instrument :

BNA_F

ClientSampleId :

RT-SB-04-13-14MSD

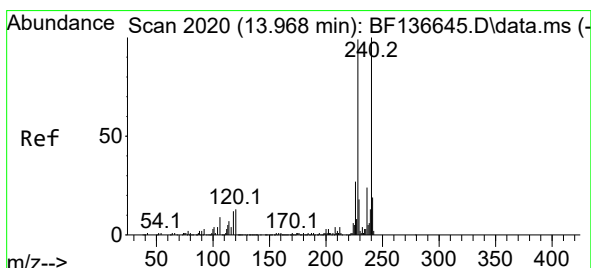
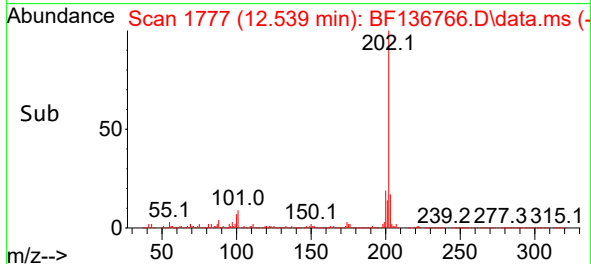
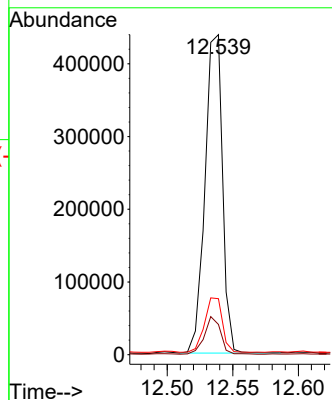
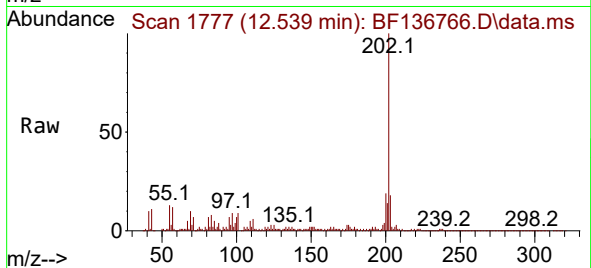
Tgt Ion:202 Resp: 409454

Ion Ratio Lower Upper

202 100

101 9.4 0.0 29.3

203 17.5 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 2024

Delta R.T. 0.024 min

Lab File: BF136766.D

Acq: 27 Dec 2023 19:27

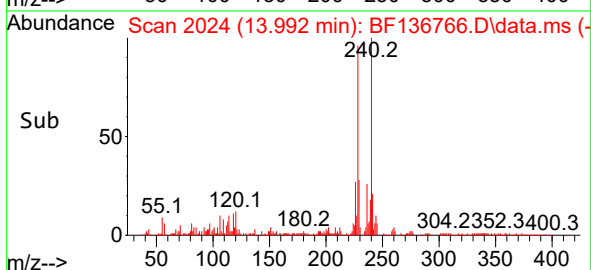
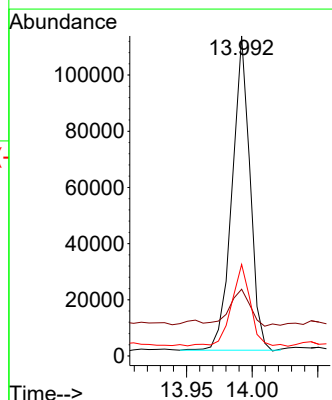
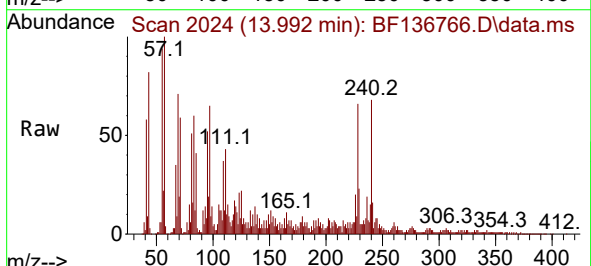
Tgt Ion:240 Resp: 105924

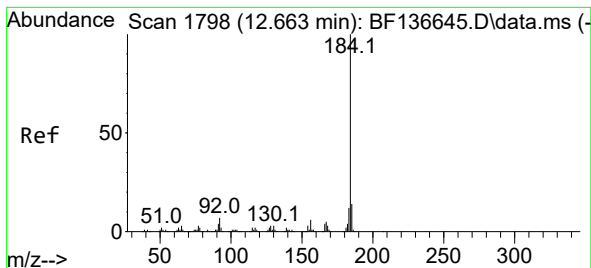
Ion Ratio Lower Upper

240 100

120 20.9 10.3 15.5#

236 28.6 19.4 29.2





#77

Benzidine

Concen: 3.492 ng

RT: 12.663 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136766.D

Acq: 27 Dec 2023 19:27

Instrument :

BNA_F

ClientSampleId :

RT-SB-04-13-14MSD

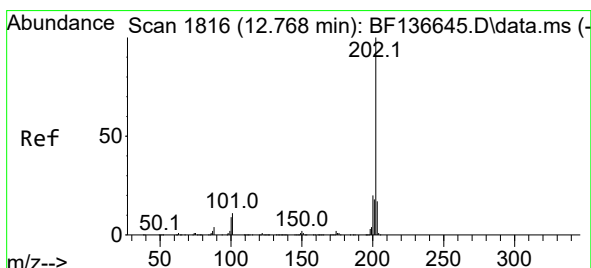
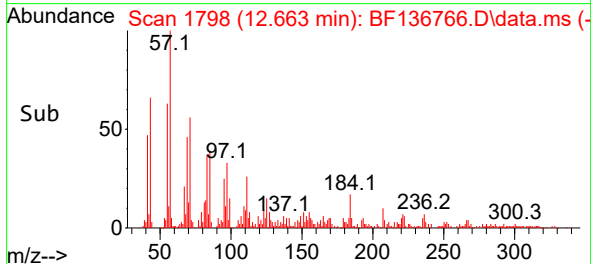
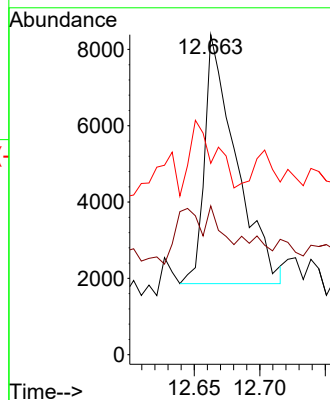
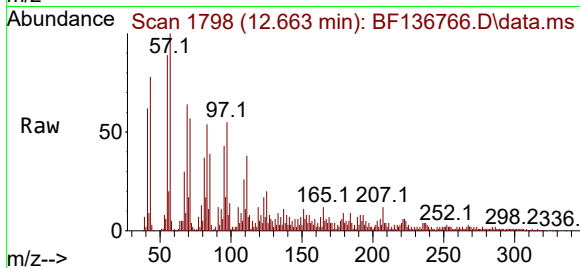
Tgt Ion:184 Resp: 10906

Ion Ratio Lower Upper

184 100

185 46.5 11.2 16.8#

183 59.8 9.3 13.9#



#78

Pyrene

Concen: 40.610 ng

RT: 12.768 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BF136766.D

Acq: 27 Dec 2023 19:27

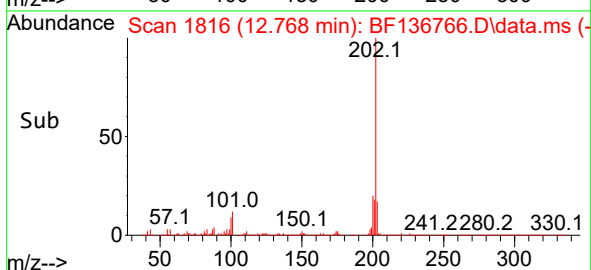
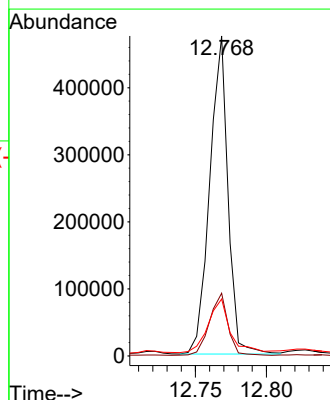
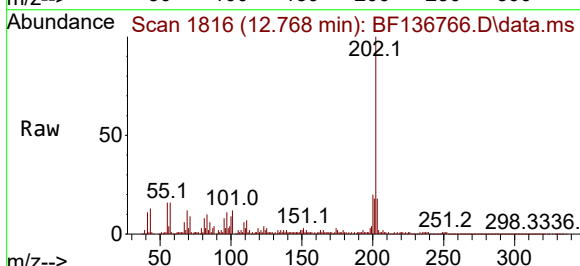
Tgt Ion:202 Resp: 422271

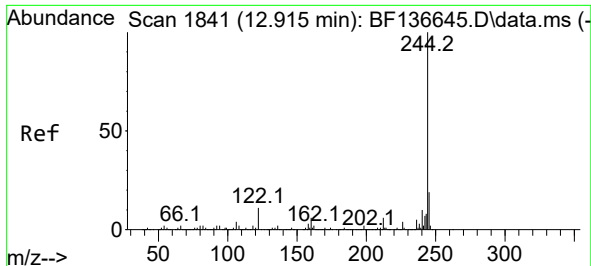
Ion Ratio Lower Upper

202 100

200 19.6 15.9 23.9

203 17.8 13.8 20.6

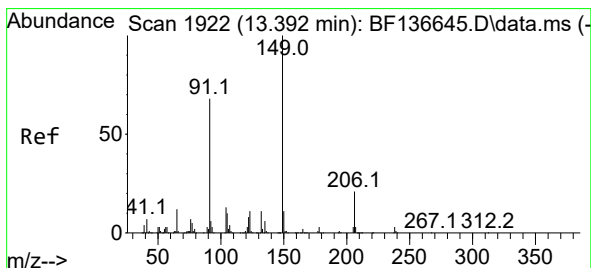
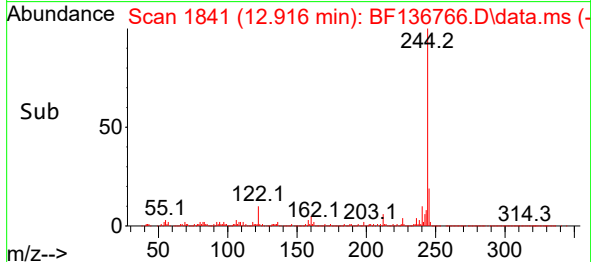
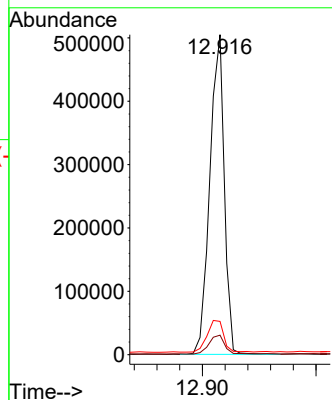
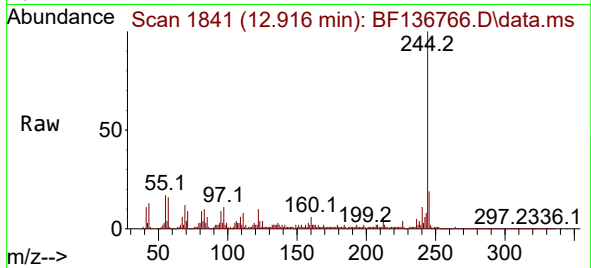




#79
 Terphenyl-d14
 Concen: 58.737 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. 0.000 min
 Lab File: BF136766.D
 Acq: 27 Dec 2023 19:27

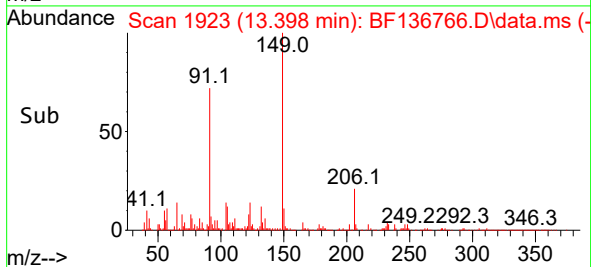
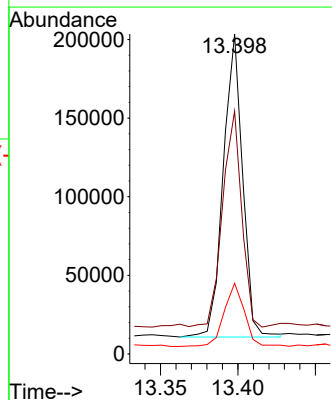
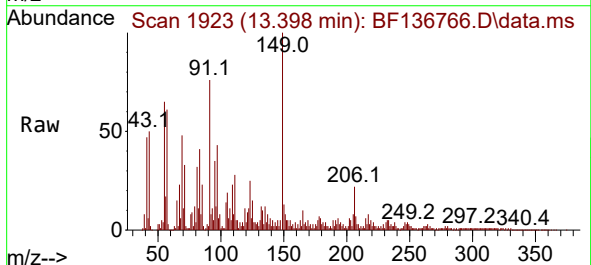
Instrument :
 BNA_F
 ClientSampleId :
 RT-SB-04-13-14MSD

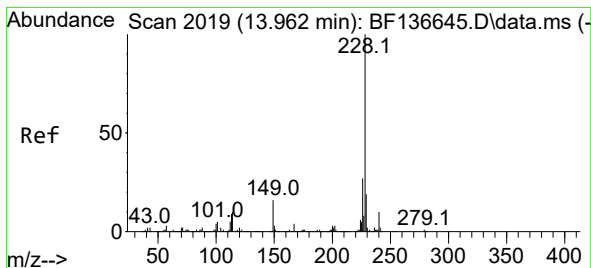
Tgt Ion:244 Resp: 445212
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.0 7.4
 122 10.4 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 44.185 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. 0.006 min
 Lab File: BF136766.D
 Acq: 27 Dec 2023 19:27

Tgt Ion:149 Resp: 167179
 Ion Ratio Lower Upper
 149 100
 91 75.9 54.1 81.1
 206 22.1 17.1 25.7





#81

Benzo(a)anthracene

Concen: 49.846 ng

RT: 13.980 min Scan# 2016

Delta R.T. 0.018 min

Lab File: BF136766.D

Acq: 27 Dec 2023 19:27

Instrument :

BNA_F

ClientSampleId :

RT-SB-04-13-14MSD

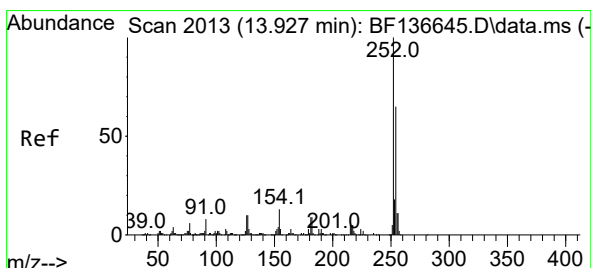
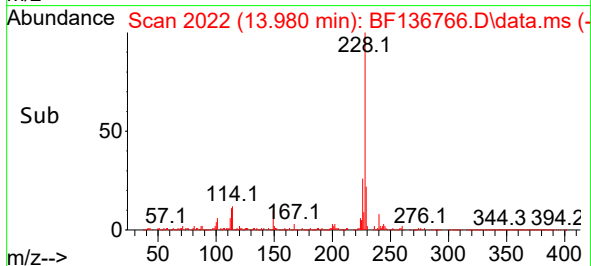
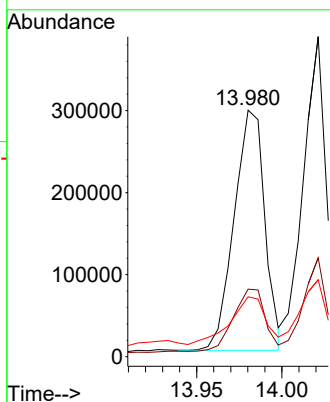
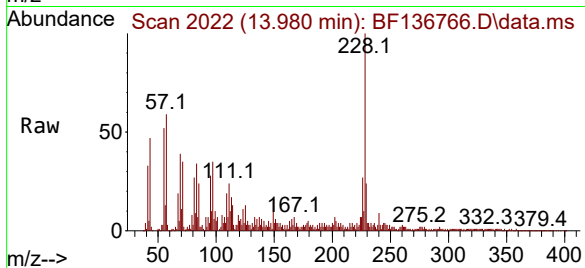
Tgt Ion:228 Resp: 366632

Ion Ratio Lower Upper

228 100

226 27.4 21.4 32.0

229 24.3 14.9 22.3#



#82

3,3'-Dichlorobenzidine

Concen: 38.451 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.018 min

Lab File: BF136766.D

Acq: 27 Dec 2023 19:27

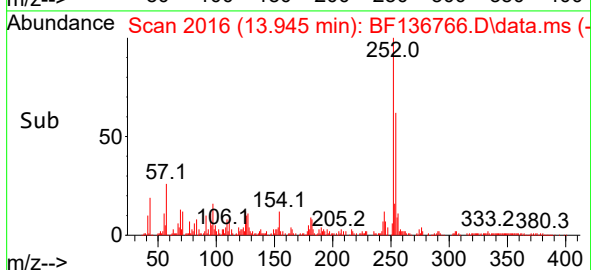
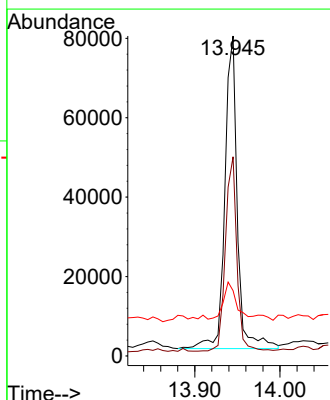
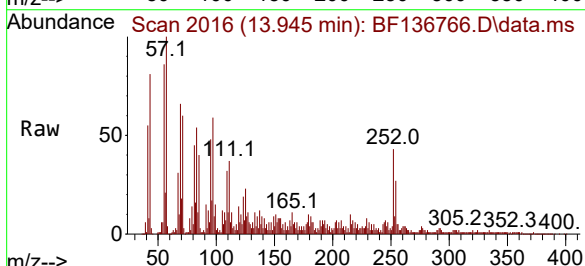
Tgt Ion:252 Resp: 80318

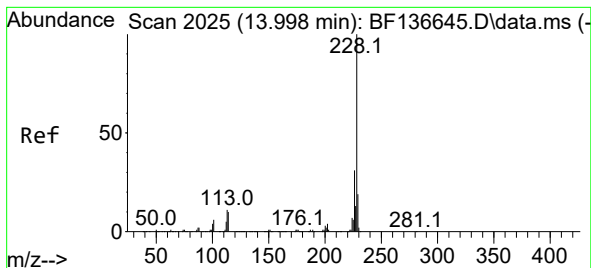
Ion Ratio Lower Upper

252 100

254 62.3 52.2 78.4

126 20.4 8.0 12.0#





#83

Chrysene

Concen: 50.541 ng

RT: 14.021 min Scan# 20

Delta R.T. 0.024 min

Lab File: BF136766.D

Acq: 27 Dec 2023 19:27

Instrument :

BNA_F

ClientSampleId :

RT-SB-04-13-14MSD

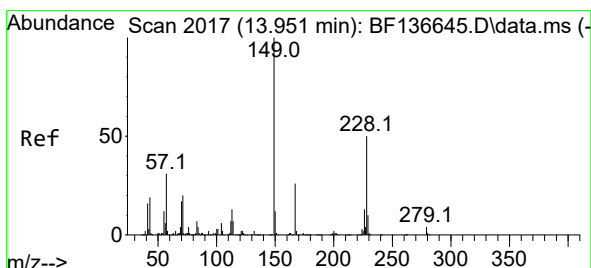
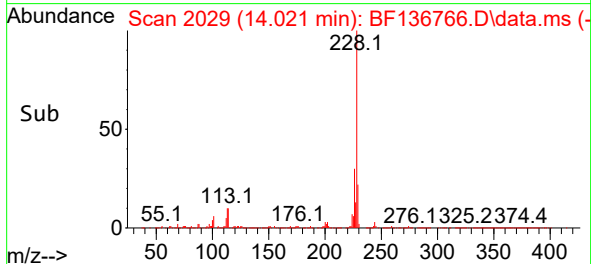
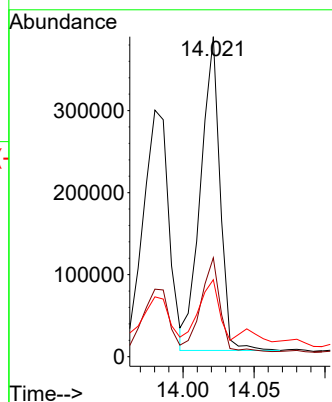
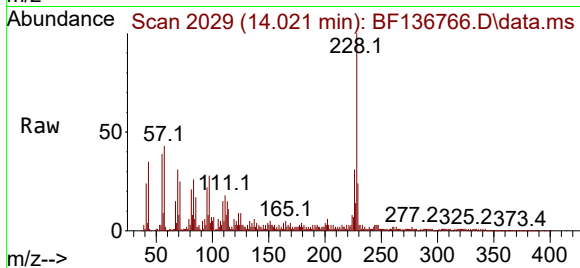
Tgt Ion:228 Resp: 363528

Ion Ratio Lower Upper

228 100

226 30.9 24.7 37.1

229 24.0 15.4 23.0#



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.451 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.018 min

Lab File: BF136766.D

Acq: 27 Dec 2023 19:27

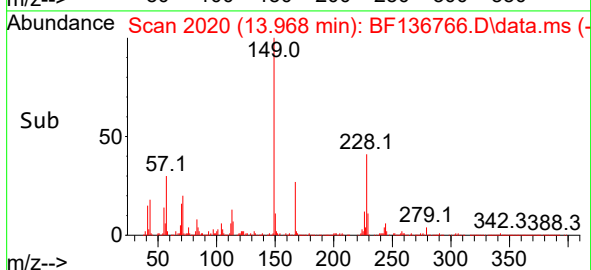
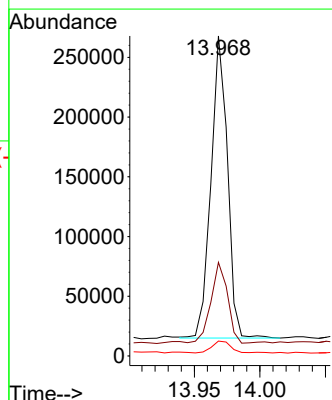
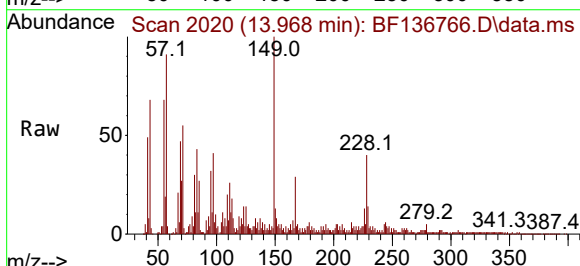
Tgt Ion:149 Resp: 221131

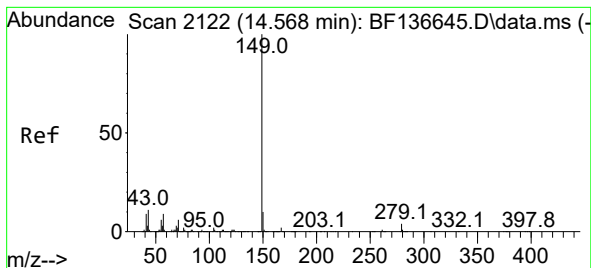
Ion Ratio Lower Upper

149 100

167 29.3 20.9 31.3

279 4.6 2.9 4.3#





#85

Di-n-octyl phthalate

Concen: 52.090 ng

RT: 14.592 min Scan# 2126

Delta R.T. 0.024 min

Lab File: BF136766.D

Acq: 27 Dec 2023 19:27

Instrument :

BNA_F

ClientSampleId :

RT-SB-04-13-14MSD

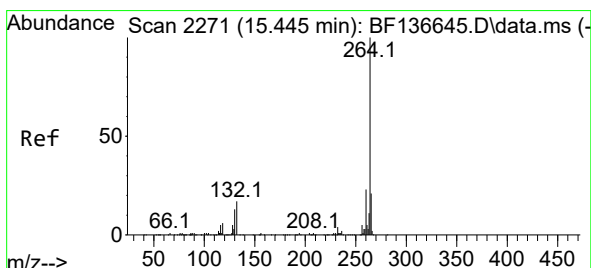
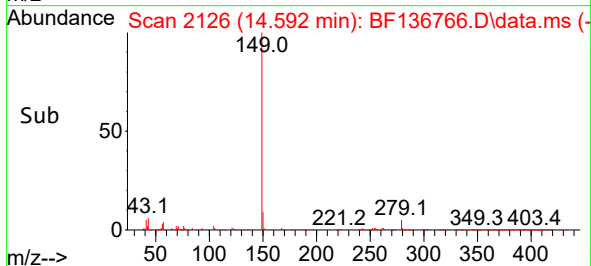
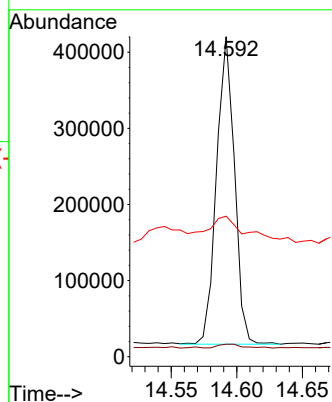
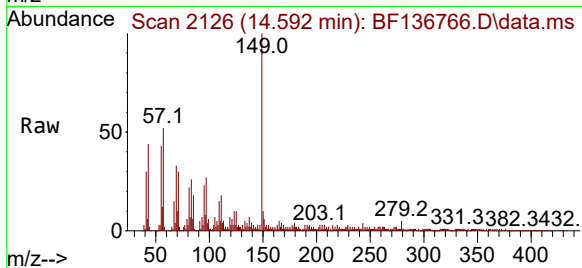
Tgt Ion:149 Resp: 383577

Ion Ratio Lower Upper

149 100

167 1.8 1.2 1.8

43 18.7 8.9 13.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2281

Delta R.T. 0.059 min

Lab File: BF136766.D

Acq: 27 Dec 2023 19:27

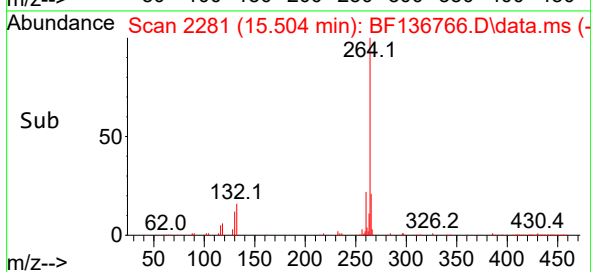
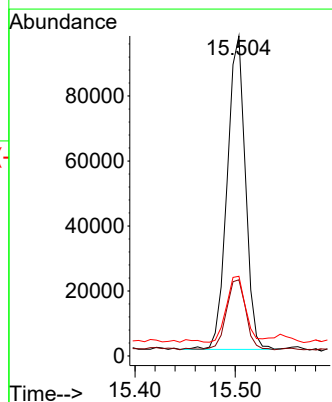
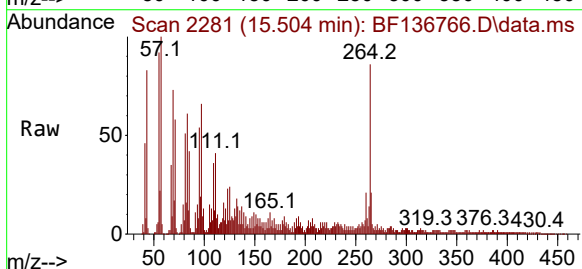
Tgt Ion:264 Resp: 121402

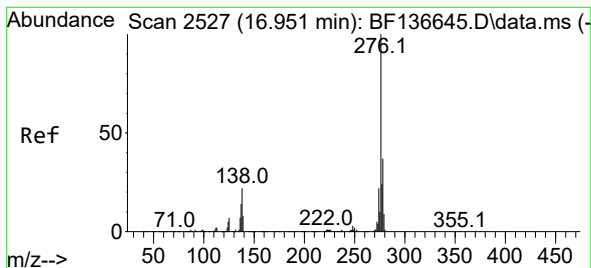
Ion Ratio Lower Upper

264 100

260 23.8 18.3 27.5

265 24.9 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.106 ng

RT: 17.015 min Scan# 21

Delta R.T. 0.065 min

Lab File: BF136766.D

Acq: 27 Dec 2023 19:27

Instrument :

BNA_F

ClientSampleId :

RT-SB-04-13-14MSD

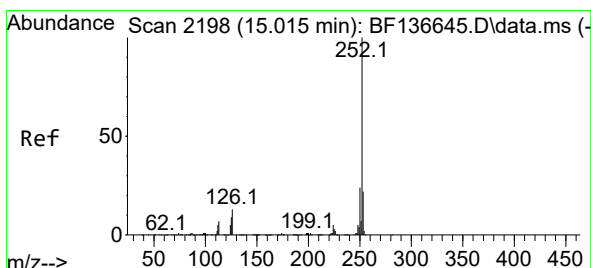
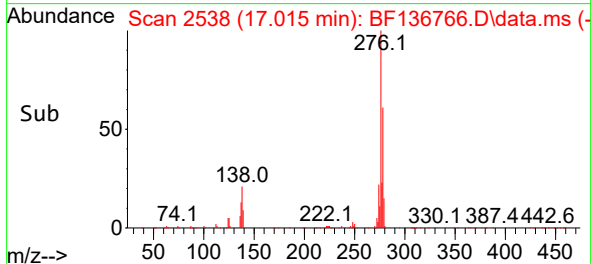
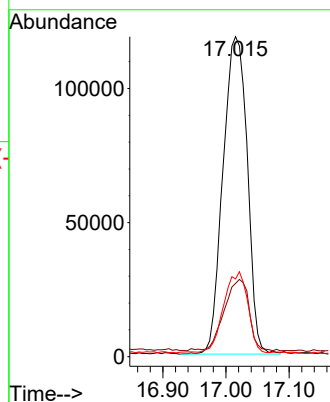
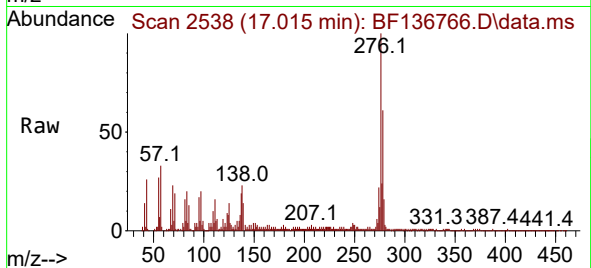
Tgt Ion:276 Resp: 316485

Ion Ratio Lower Upper

276 100

138 22.6 18.7 28.1

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 41.220 ng

RT: 15.062 min Scan# 2206

Delta R.T. 0.047 min

Lab File: BF136766.D

Acq: 27 Dec 2023 19:27

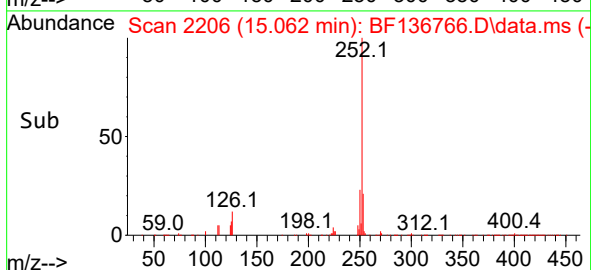
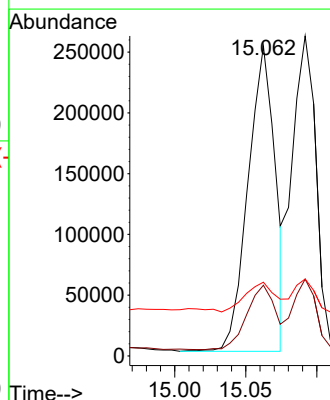
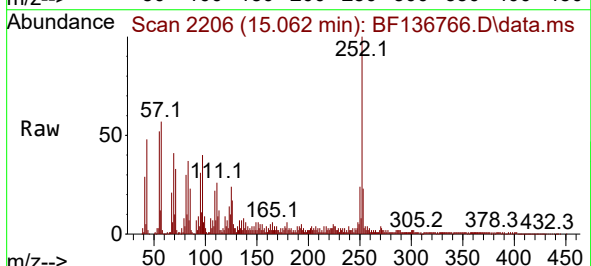
Tgt Ion:252 Resp: 334235

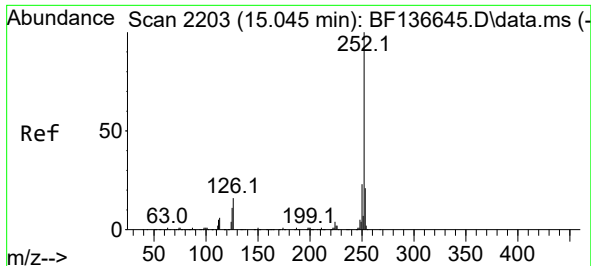
Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.0

125 23.8 7.4 11.2#

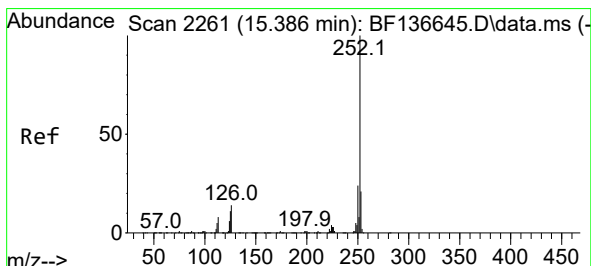
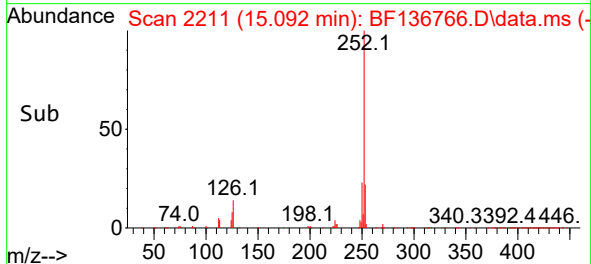
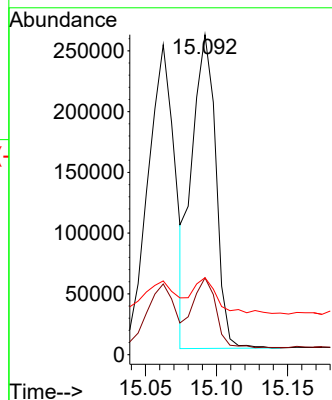
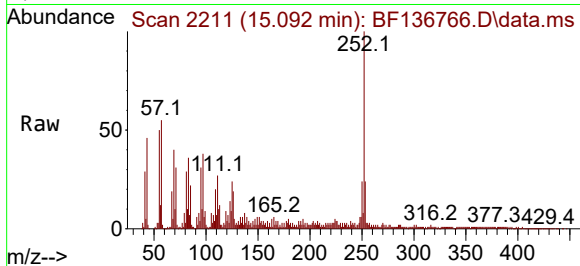




#89
Benzo(k)fluoranthene
Concen: 39.192 ng
RT: 15.092 min Scan# 21
Delta R.T. 0.047 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

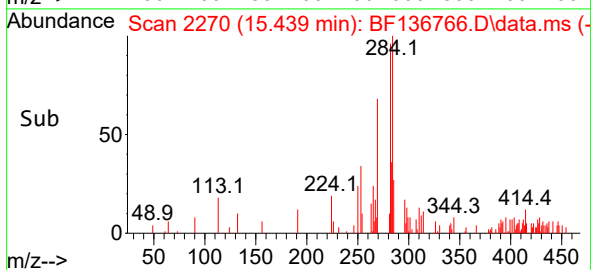
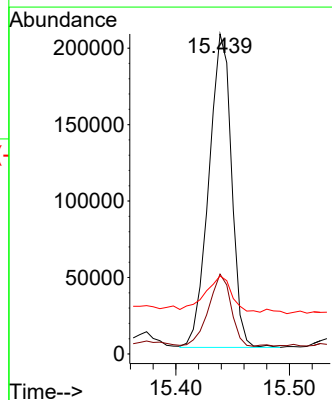
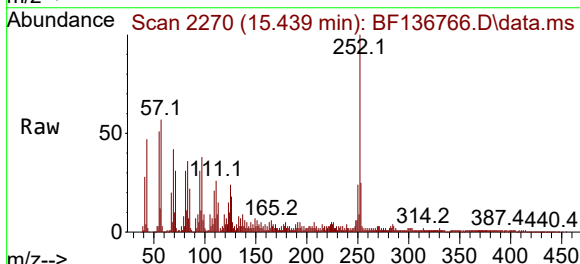
Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MSD

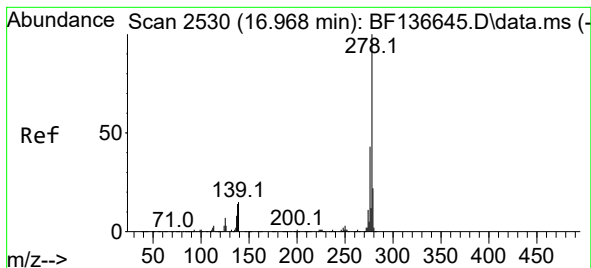
Tgt Ion:252 Resp: 300286
Ion Ratio Lower Upper
252 100
253 24.0 17.0 25.6
125 24.0 8.2 12.4#



#90
Benzo(a)pyrene
Concen: 41.698 ng
RT: 15.439 min Scan# 2270
Delta R.T. 0.053 min
Lab File: BF136766.D
Acq: 27 Dec 2023 19:27

Tgt Ion:252 Resp: 285400
Ion Ratio Lower Upper
252 100
253 25.0 17.0 25.6
125 24.4 8.8 13.2#





#91

Dibenzo(a,h)anthracene

Concen: 37.598 ng

RT: 17.033 min Scan# 21

Delta R.T. 0.065 min

Lab File: BF136766.D

Acq: 27 Dec 2023 19:27

Instrument :

BNA_F

ClientSampleId :

RT-SB-04-13-14MSD

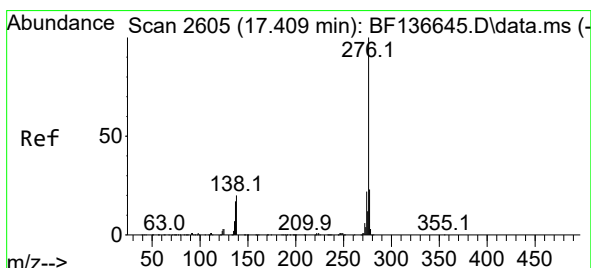
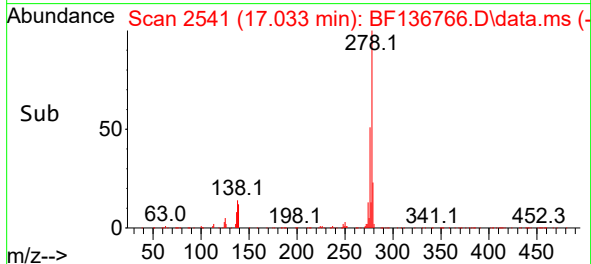
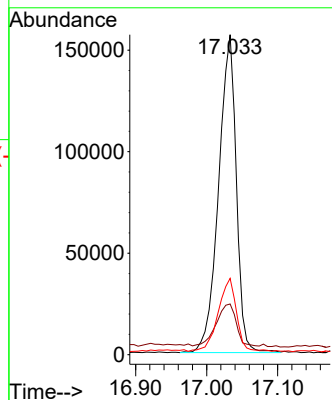
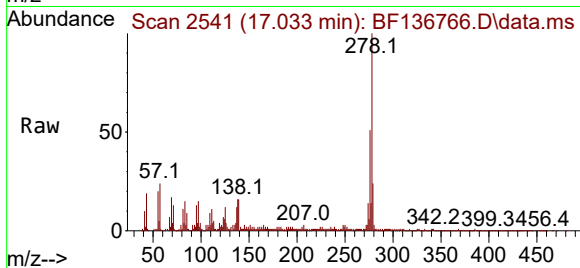
Tgt Ion:278 Resp: 270374

Ion Ratio Lower Upper

278 100

139 15.9 12.2 18.4

279 23.8 17.8 26.6



#92

Benzo(g,h,i)perylene

Concen: 32.454 ng

RT: 17.468 min Scan# 2615

Delta R.T. 0.059 min

Lab File: BF136766.D

Acq: 27 Dec 2023 19:27

Tgt Ion:276 Resp: 239030

Ion Ratio Lower Upper

276 100

277 23.6 18.3 27.5

138 20.4 15.6 23.4

