

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
 Data File : BF136765.D
 Acq On : 27 Dec 2023 18:56
 Operator : CG\JU
 Sample : 05796-05MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 27 22:44:56 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	6.781	152	75735	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	276627	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	120002	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	181590	20.000	ng	0.00
76) Chrysene-d12	13.992	240	103564	20.000	ng	# 0.02
86) Perylene-d12	15.498	264	121257	20.000	ng	# 0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	408567	84.173	ng	0.00
7) Phenol-d6	6.434	99	522773	83.118	ng	0.00
23) Nitrobenzene-d5	7.351	82	331259	61.277	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	112214	79.399	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	610419	68.416	ng	-0.01
79) Terphenyl-d14	12.915	244	443945	59.905	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	72757	35.975	ng	100
3) Pyridine	3.357	79	176135	35.695	ng	96
4) n-Nitrosodimethylamine	3.322	42	104744	39.749	ng	96
6) Aniline	6.451	93	120668	19.189	ng	# 1
8) 2-Chlorophenol	6.575	128	215605	40.590	ng	94
9) Benzaldehyde	6.339	77	71556	20.002	ng	97
10) Phenol	6.445	94	254946	37.972	ng	99
11) bis(2-Chloroethyl)ether	6.522	93	205343	40.216	ng	99
12) 1,3-Dichlorobenzene	6.728	146	223475	38.566	ng	97
13) 1,4-Dichlorobenzene	6.804	146	228019	38.512	ng	97
14) 1,2-Dichlorobenzene	6.951	146	212653	38.598	ng	98
15) Benzyl Alcohol	6.934	79	178512	42.071	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	331598	39.722	ng	98
17) 2-Methylphenol	7.045	107	163966	37.261	ng	99
18) Hexachloroethane	7.292	117	81342	37.829	ng	91
19) n-Nitroso-di-n-propyla...	7.198	70	150591	39.498	ng	100
20) 3+4-Methylphenols	7.198	107	206210	37.509	ng	93
22) Acetophenone	7.192	105	306811	44.250	ng	# 92
24) Nitrobenzene	7.369	77	219586	40.549	ng	96
25) Isophorone	7.604	82	399294	40.592	ng	99
26) 2-Nitrophenol	7.681	139	112408	43.385	ng	95
27) 2,4-Dimethylphenol	7.722	122	96940	30.733	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	251677	42.092	ng	100
29) 2,4-Dichlorophenol	7.928	162	169848	41.825	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	179971	39.776	ng	99
31) Naphthalene	8.086	128	596141	39.227	ng	99
32) Benzoic acid	7.857	122	126564	41.469	ng	97
33) 4-Chloroaniline	8.133	127	56015	9.983	ng	99
34) Hexachlorobutadiene	8.198	225	108457	39.453	ng	99
35) Caprolactam	8.516	113	48125	35.923	ng	92
36) 4-Chloro-3-methylphenol	8.628	107	184227	40.297	ng	97
37) 2-Methylnaphthalene	8.775	142	365788	37.400	ng	100
38) 1-Methylnaphthalene	8.875	142	349909	36.466	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	174311	46.903	ng	97
41) Hexachlorocyclopentadiene	8.928	237	122591	102.020	ng	96
43) 2,4,6-Trichlorophenol	9.057	196	114136	47.888	ng	96

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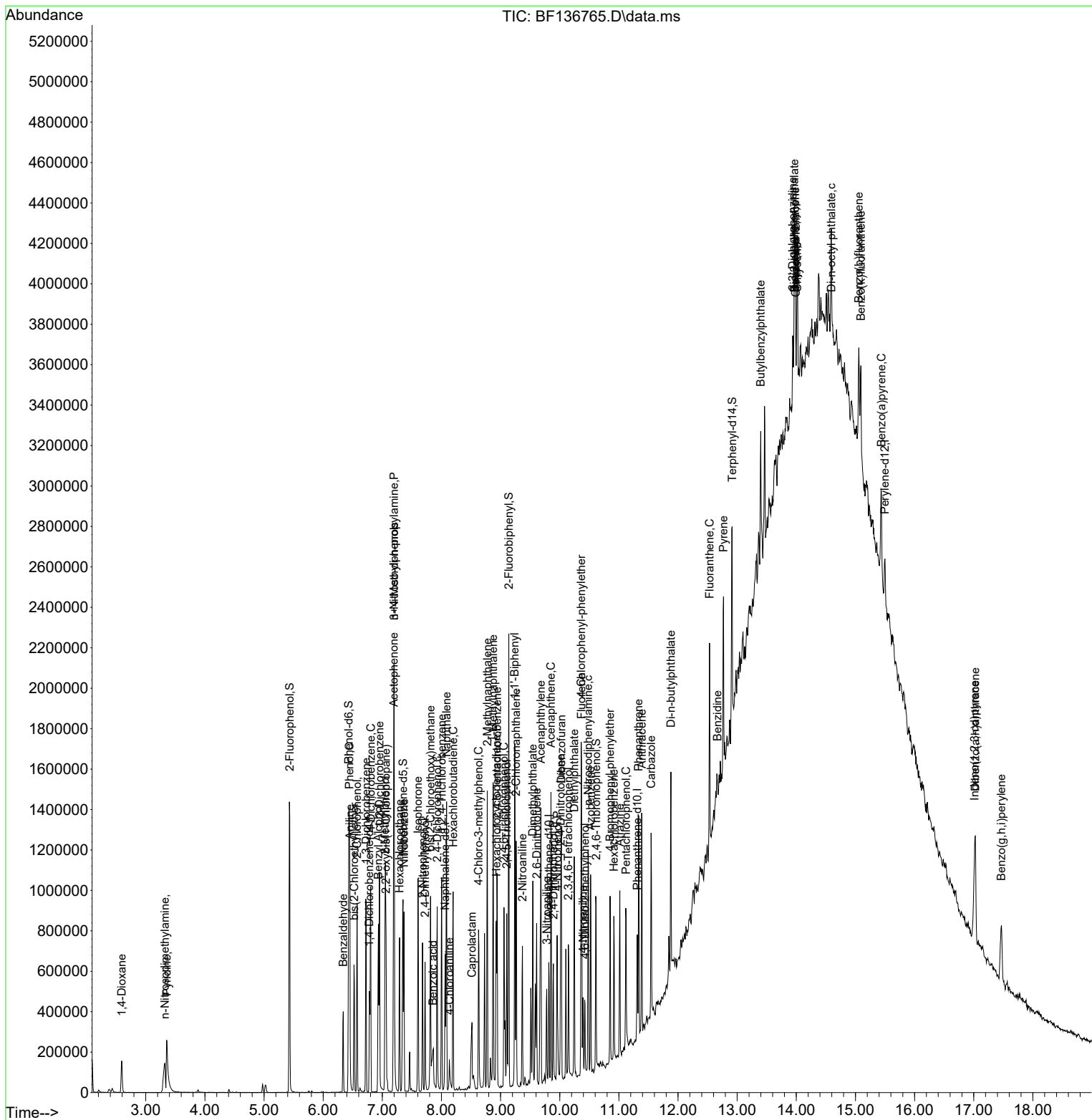
Instrument :
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 ClientSampleId :

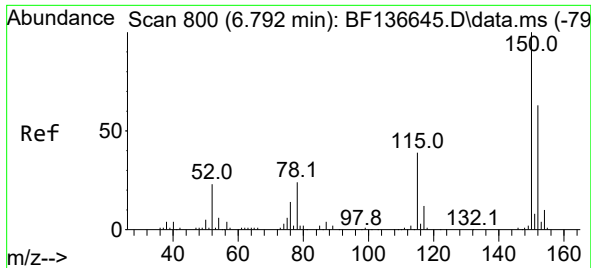
Quant Time: Dec 27 22:44:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	118309	44.545	ng	96
46) 1,1'-Biphenyl	9.239	154	470001	46.673	ng	99
47) 2-Chloronaphthalene	9.263	162	332945	43.492	ng	100
48) 2-Nitroaniline	9.369	65	109033	45.482	ng	94
49) Acenaphthylene	9.680	152	520614	44.493	ng	100
50) Dimethylphthalate	9.545	163	398174	45.427	ng	98
51) 2,6-Dinitrotoluene	9.610	165	83800	42.126	ng	91
52) Acenaphthene	9.851	154	293321	40.440	ng	100
53) 3-Nitroaniline	9.780	138	70323	33.372	ng	90
54) 2,4-Dinitrophenol	9.892	184	79353	72.350	ng	90
55) Dibenzofuran	10.027	168	451296	41.045	ng	98
56) 4-Nitrophenol	9.957	139	112560	79.126	ng	99
57) 2,4-Dinitrotoluene	10.016	165	104374	40.416	ng	98
58) Fluorene	10.369	166	336322	38.551	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	84647	41.402	ng	# 99
60) Diethylphthalate	10.245	149	380836	41.876	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	165313	38.984	ng	97
62) 4-Nitroaniline	10.392	138	68828	33.881	ng	97
63) Azobenzene	10.522	77	317592	37.389	ng	98
65) 4,6-Dinitro-2-methylph...	10.427	198	49105	47.185	ng	85
66) n-Nitrosodiphenylamine	10.480	169	292685	49.617	ng	100
67) 4-Bromophenyl-phenylether	10.851	248	92383	45.809	ng	96
68) Hexachlorobenzene	10.916	284	95673	42.570	ng	# 92
69) Atrazine	11.016	200	90082	59.706	ng	98
70) Pentachlorophenol	11.121	266	91091	86.956	ng	98
71) Phenanthrene	11.333	178	412895	44.314	ng	99
72) Anthracene	11.386	178	404839	42.903	ng	99
73) Carbazole	11.545	167	374274	42.070	ng	99
74) Di-n-butylphthalate	11.880	149	483386	44.527	ng	100
75) Fluoranthene	12.533	202	399180	40.052	ng	97
77) Benzidine	12.668	184	12378	4.053	ng	# 1
78) Pyrene	12.768	202	424584	41.763	ng	98
80) Butylbenzylphthalate	13.398	149	160441	43.370	ng	92
81) Benzo(a)anthracene	13.980	228	368647	51.262	ng	# 94
82) 3,3'-Dichlorobenzidine	13.939	252	76145	37.284	ng	# 91
83) Chrysene	14.015	228	355973	50.619	ng	# 94
84) Bis(2-ethylhexyl)phtha...	13.968	149	215026	46.198	ng	# 93
85) Di-n-octyl phthalate	14.592	149	385429	53.534	ng	97
87) Indeno(1,2,3-cd)pyrene	17.015	276	322827	36.874	ng	99
88) Benzo(b)fluoranthene	15.057	252	347085	42.856	ng	# 85
89) Benzo(k)fluoranthene	15.092	252	282711	36.943	ng	# 86
90) Benzo(a)pyrene	15.439	252	288946	42.266	ng	# 87
91) Dibenzo(a,h)anthracene	17.027	278	266882	37.157	ng	94
92) Benzo(g,h,i)perylene	17.468	276	240577	32.703	ng	100

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

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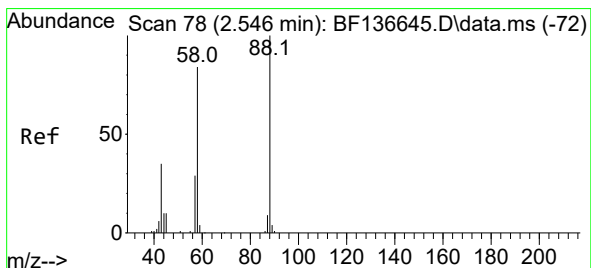
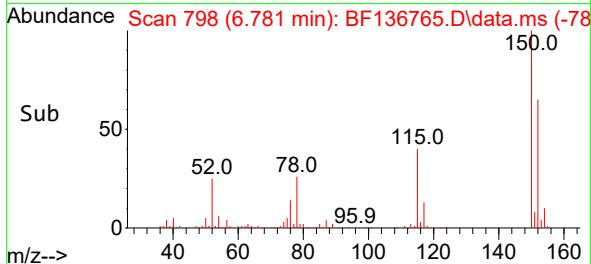
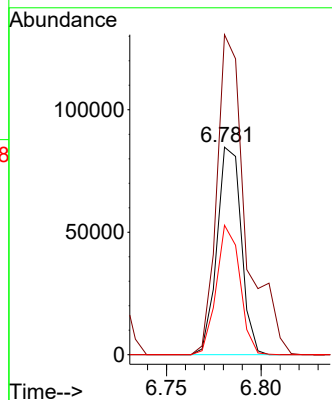
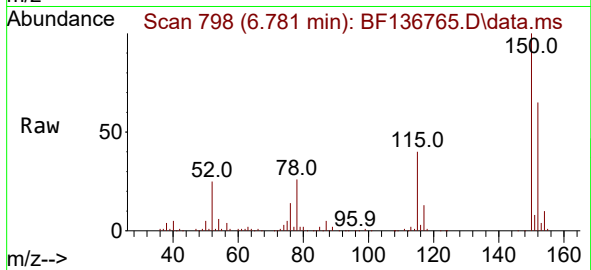




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF136765.D
 Acq: 27 Dec 2023 18:56

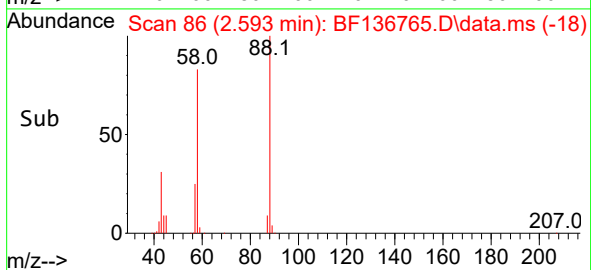
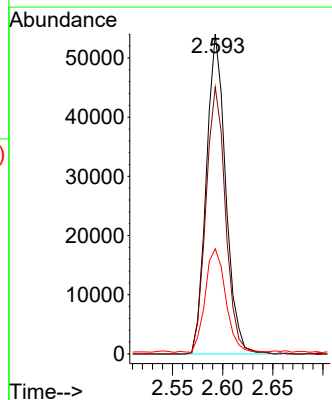
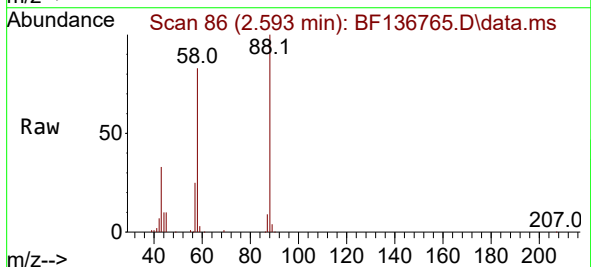
Instrument :
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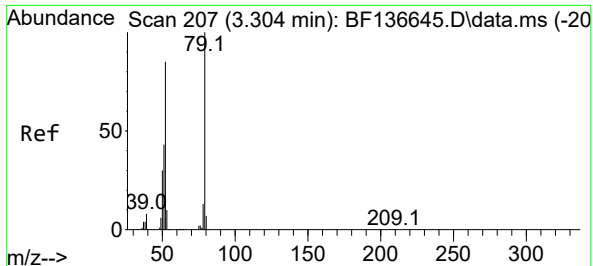
Tgt Ion:152 Resp: 75735
 Ion Ratio Lower Upper
 152 100
 150 154.2 127.0 190.6
 115 62.3 49.0 73.4



#2
 1,4-Dioxane
 Concen: 35.975 ng
 RT: 2.593 min Scan# 86
 Delta R.T. 0.047 min
 Lab File: BF136765.D
 Acq: 27 Dec 2023 18:56

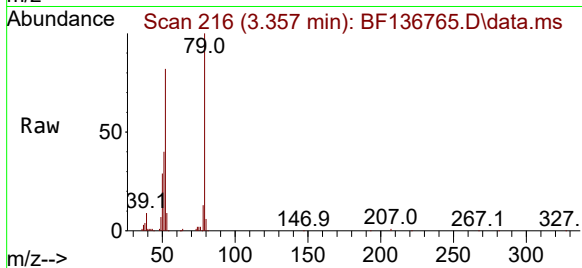
Tgt Ion: 88 Resp: 72757
 Ion Ratio Lower Upper
 88 100
 58 84.3 67.4 101.0
 43 34.0 27.7 41.5



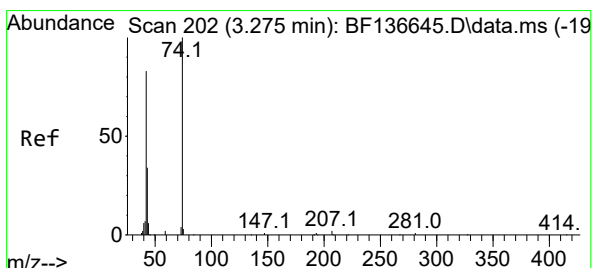
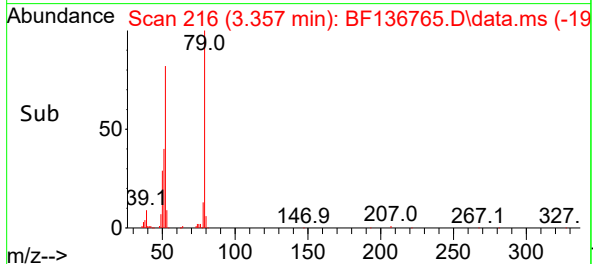
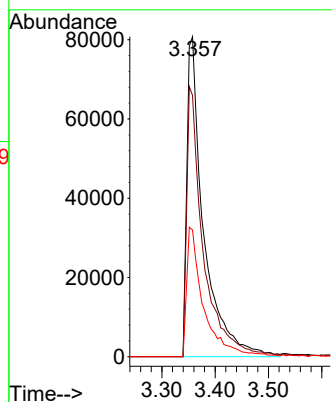


#3
 Pyridine
 Concen: 35.695 ng
 RT: 3.357 min Scan# 21
 Delta R.T. 0.053 min
 Lab File: BF136765.D
 Acq: 27 Dec 2023 18:56

Instrument :
 BNA_F
 ClientSampleId :

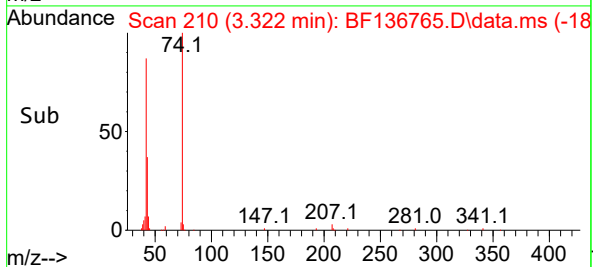
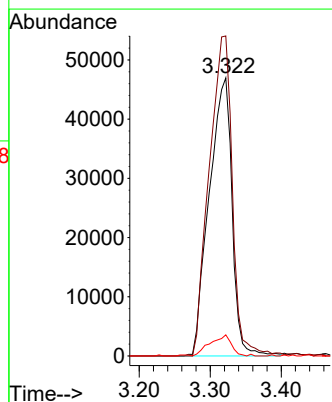
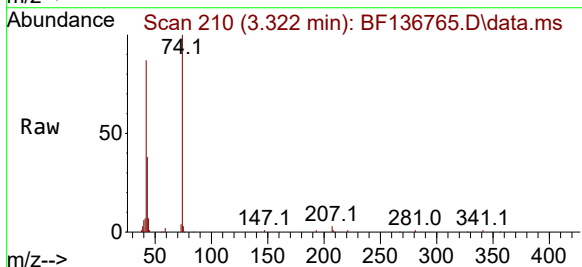


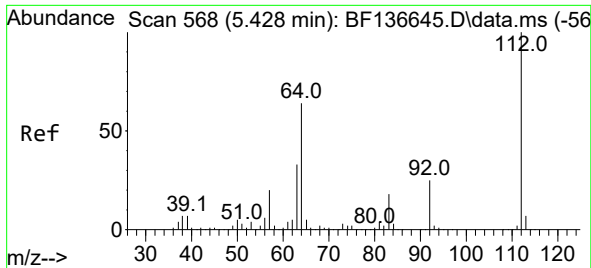
Tgt Ion: 79 Resp: 176135
 Ion Ratio Lower Upper
 79 100
 52 81.6 67.7 101.5
 51 39.6 34.0 51.0



#4
 n-Nitrosodimethylamine
 Concen: 39.749 ng
 RT: 3.322 min Scan# 210
 Delta R.T. 0.047 min
 Lab File: BF136765.D
 Acq: 27 Dec 2023 18:56

Tgt Ion: 42 Resp: 104744
 Ion Ratio Lower Upper
 42 100
 74 115.1 96.0 144.0
 44 7.6 5.4 8.2

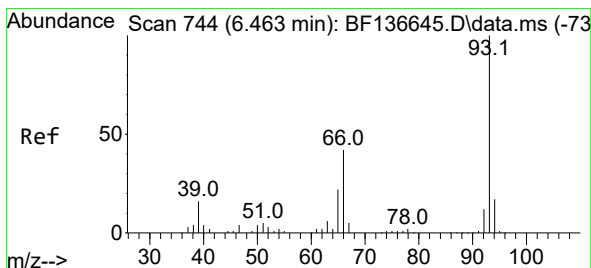
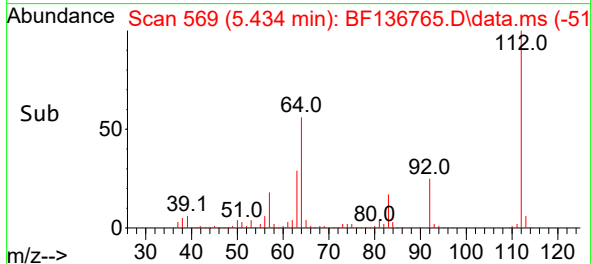
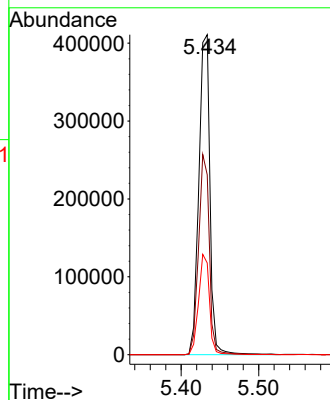
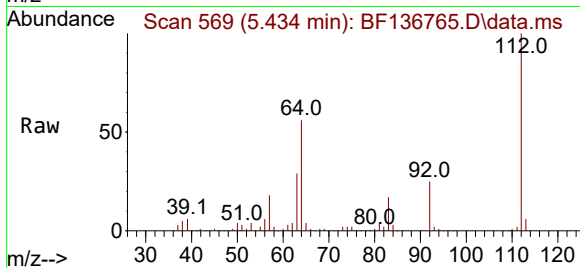




#5
2-Fluorophenol
Concen: 84.173 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

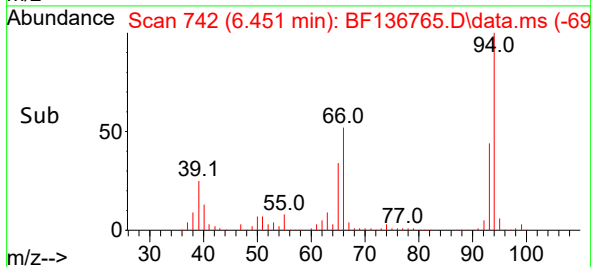
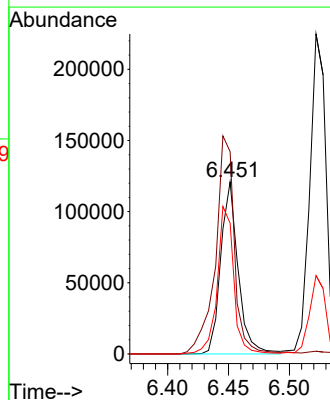
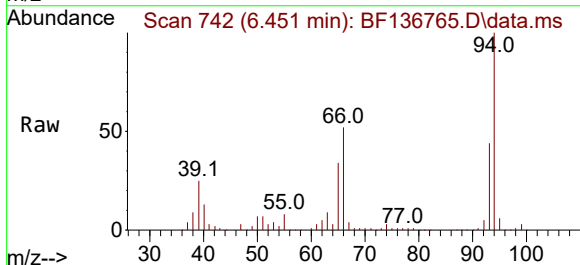
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ClientSampleId :

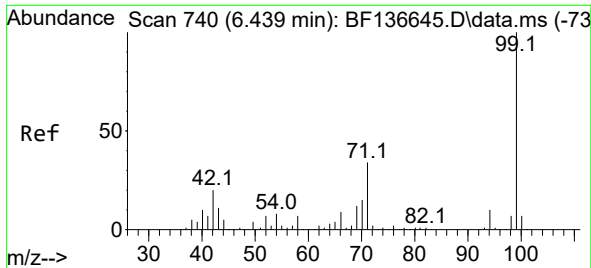
Tgt Ion:112 Resp: 408567
Ion Ratio Lower Upper
112 100
64 56.2 51.1 76.7
63 28.6 26.1 39.1



#6
Aniline
Concen: 19.189 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

Tgt Ion: 93 Resp: 120668
Ion Ratio Lower Upper
93 100
66 117.5 34.6 51.8#
65 76.0 17.8 26.8#

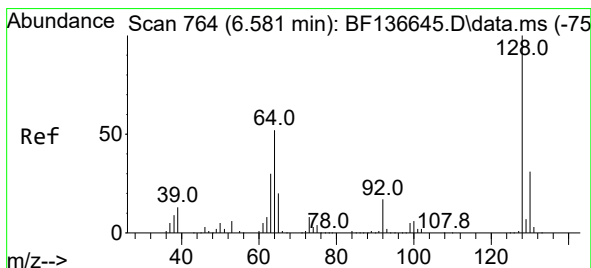
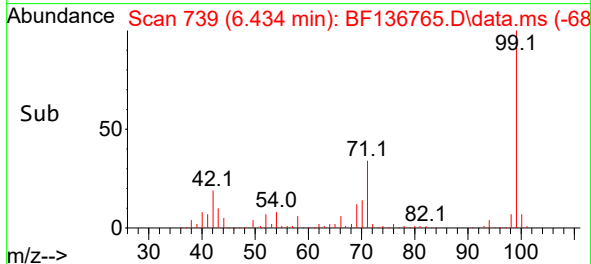
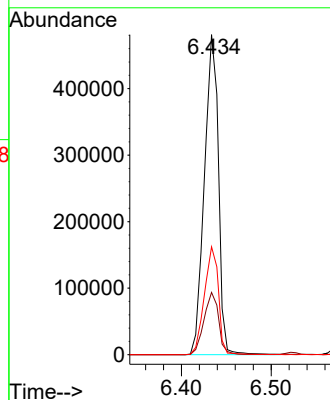
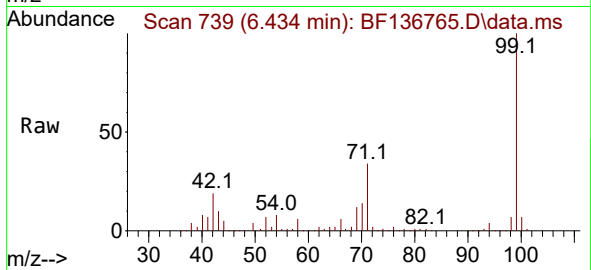




#7
Phenol-d6
Concen: 83.118 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

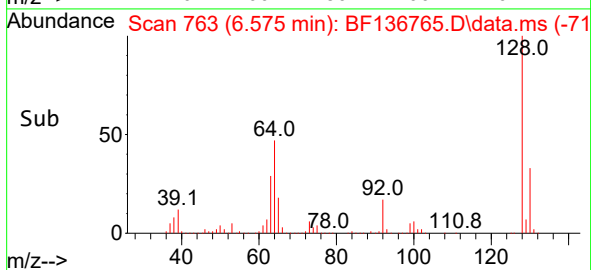
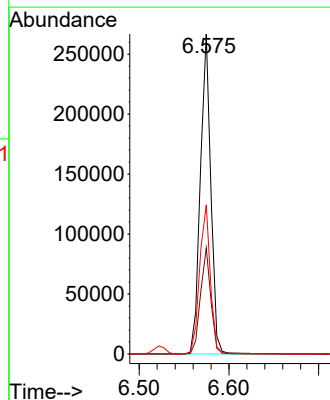
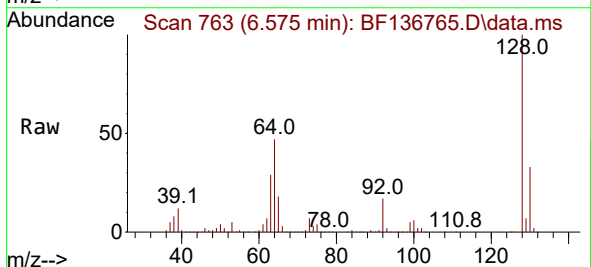
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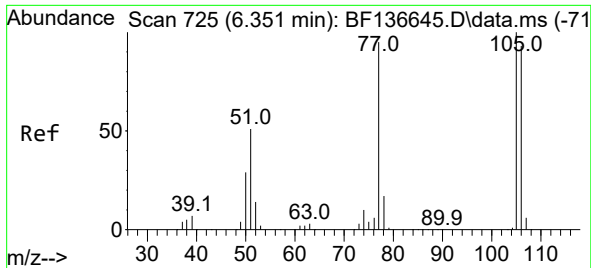
Tgt Ion: 99 Resp: 522773
Ion Ratio Lower Upper
99 100
42 19.5 16.1 24.1
71 33.7 27.4 41.2



#8
2-Chlorophenol
Concen: 40.590 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

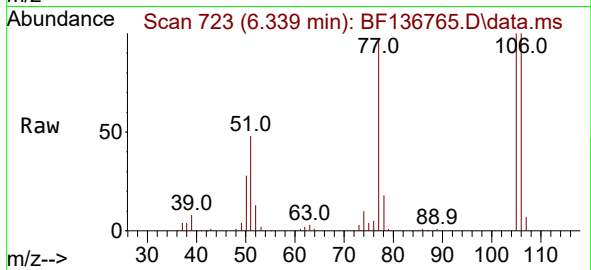
Tgt Ion:128 Resp: 215605
Ion Ratio Lower Upper
128 100
130 33.1 11.3 51.3
64 46.6 32.5 72.5



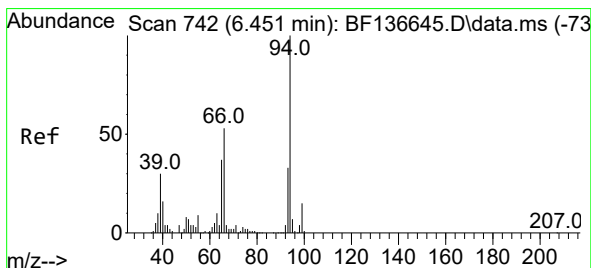
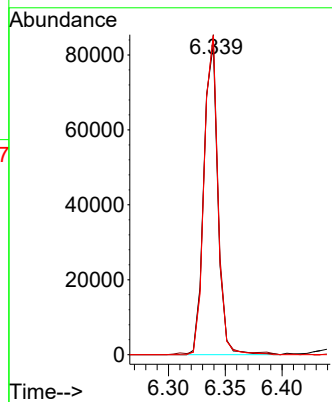
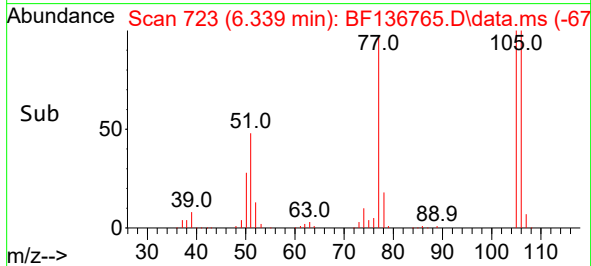


#9
Benzaldehyde
Concen: 20.002 ng
RT: 6.339 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

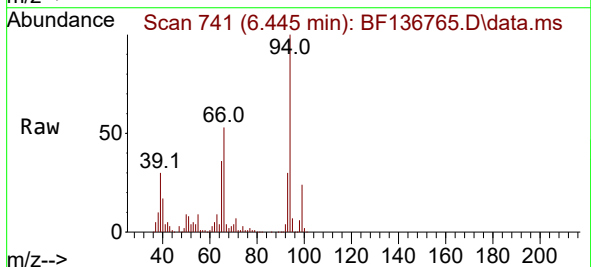
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ClientSampleId :



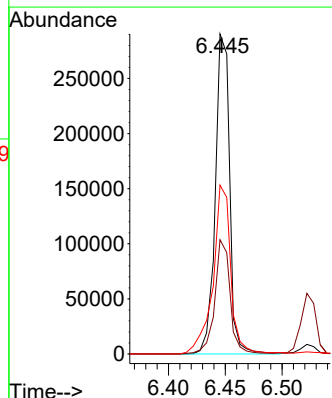
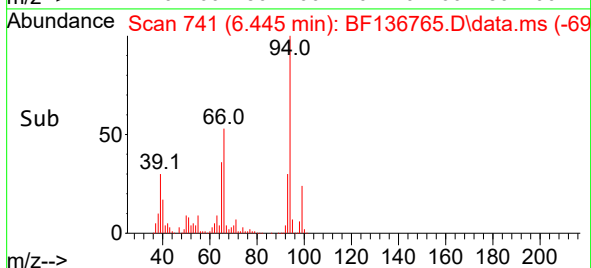
Tgt Ion: 77 Resp: 71556
Ion Ratio Lower Upper
77 100
105 103.2 84.8 124.8
106 102.9 77.8 117.8

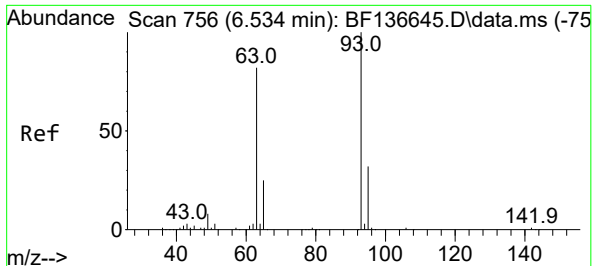


#10
Phenol
Concen: 37.972 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56



Tgt Ion: 94 Resp: 254946
Ion Ratio Lower Upper
94 100
65 35.7 16.6 56.6
66 52.8 32.6 72.6





#11

bis(2-Chloroethyl)ether

Concen: 40.216 ng

RT: 6.522 min Scan# 754

Delta R.T. -0.012 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

Instrument :

BNA_F

ClientSampleId :

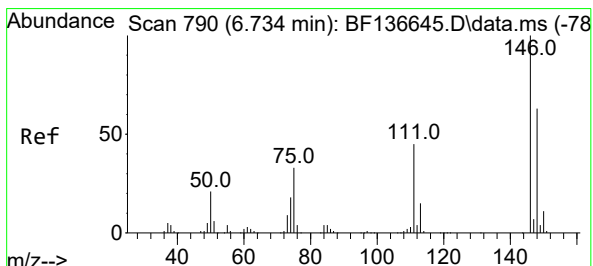
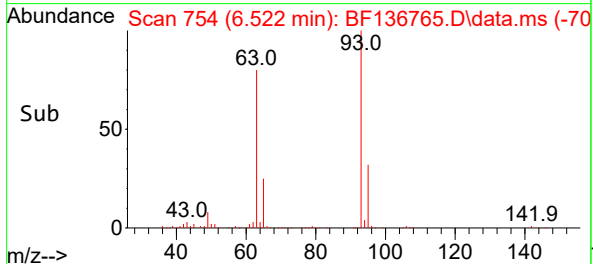
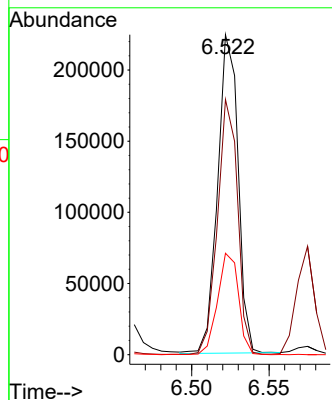
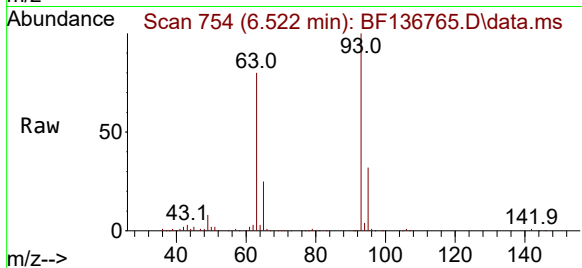
Tgt Ion: 93 Resp: 205343

Ion Ratio Lower Upper

93 100

63 79.7 61.2 101.2

95 31.7 11.6 51.6



#12

1,3-Dichlorobenzene

Concen: 38.566 ng

RT: 6.728 min Scan# 789

Delta R.T. -0.006 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

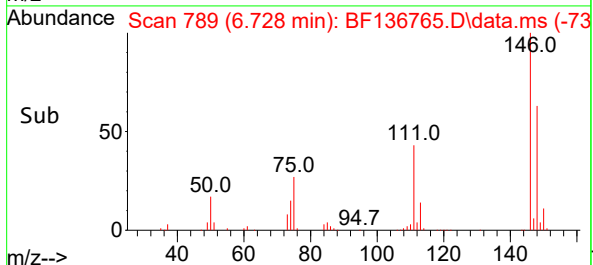
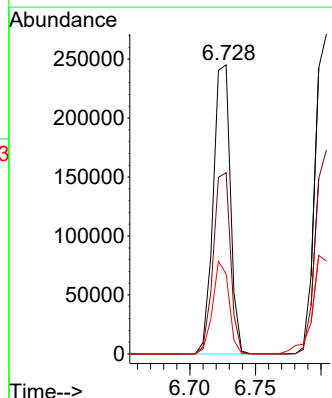
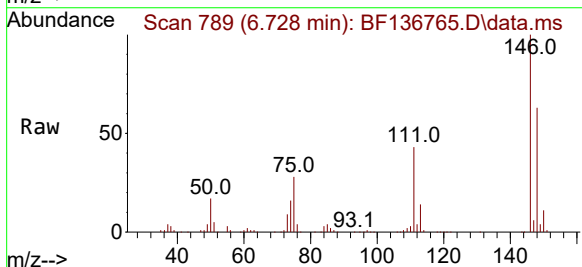
Tgt Ion: 146 Resp: 223475

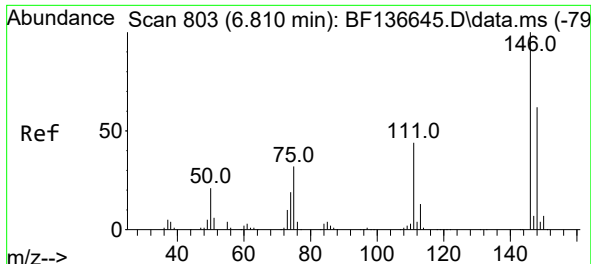
Ion Ratio Lower Upper

146 100

148 62.7 50.5 75.7

75 27.7 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 38.512 ng

RT: 6.804 min Scan# 80

Delta R.T. -0.006 min

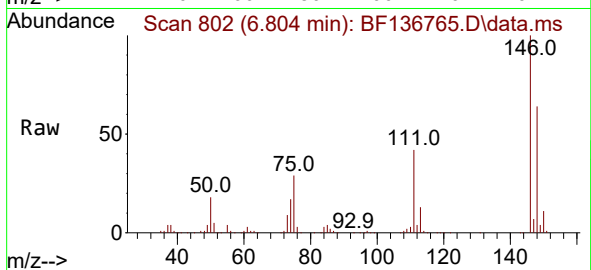
Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

Instrument :

BNA_F

ClientSampleId :



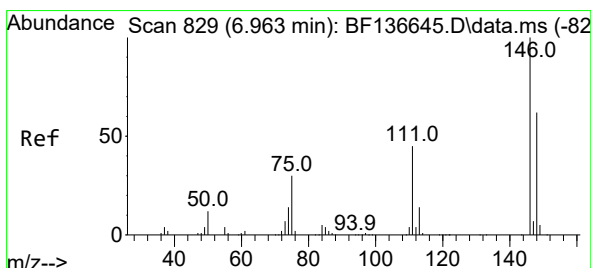
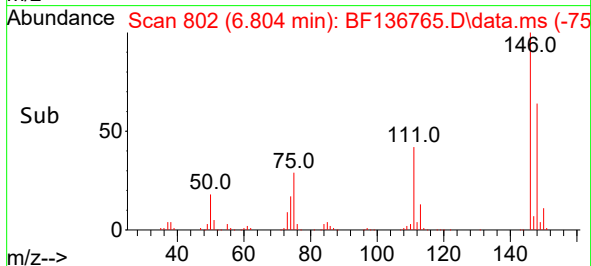
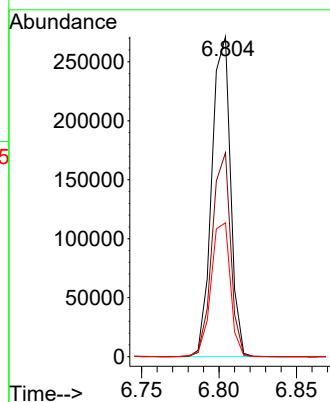
Tgt Ion:146 Resp: 228019

Ion Ratio Lower Upper

146 100

148 63.7 49.2 73.8

111 41.9 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 38.598 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

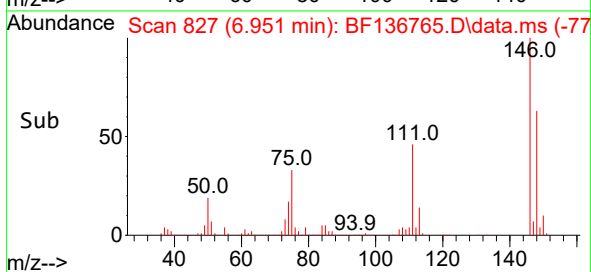
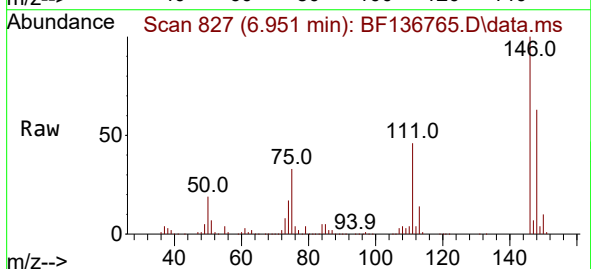
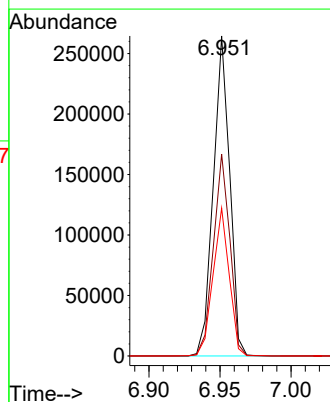
Tgt Ion:146 Resp: 212653

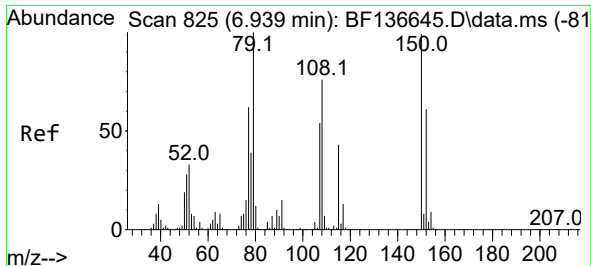
Ion Ratio Lower Upper

146 100

148 63.1 49.6 74.4

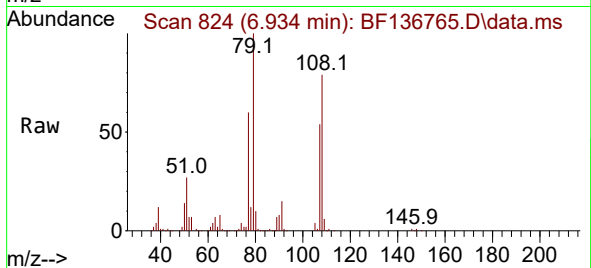
111 46.2 36.2 54.2



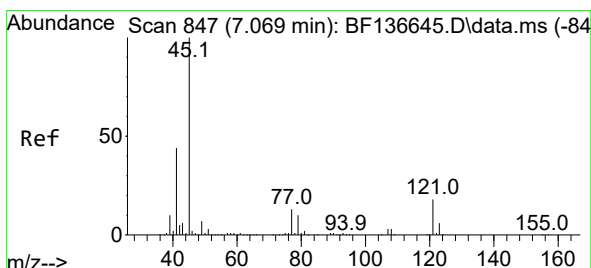
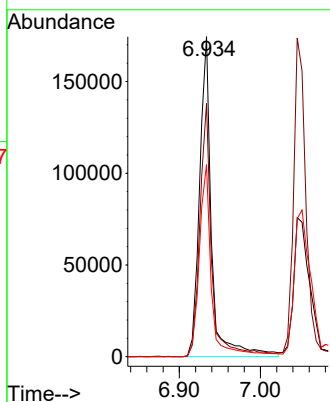
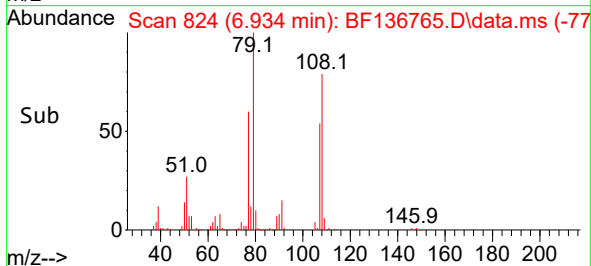


#15
Benzyl Alcohol
Concen: 42.071 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

Instrument :
BNA_F
ClientSampleId :

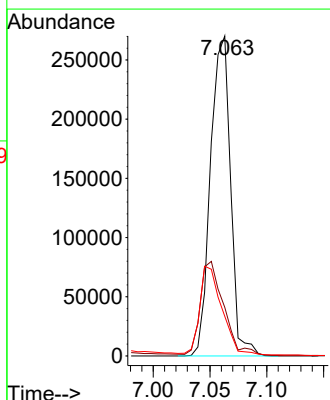
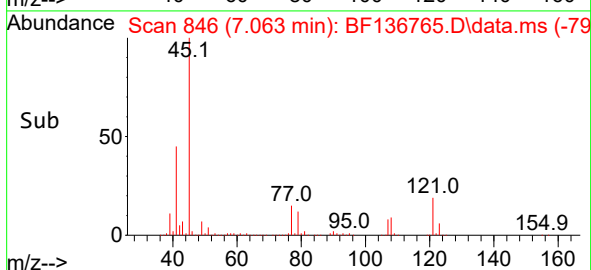
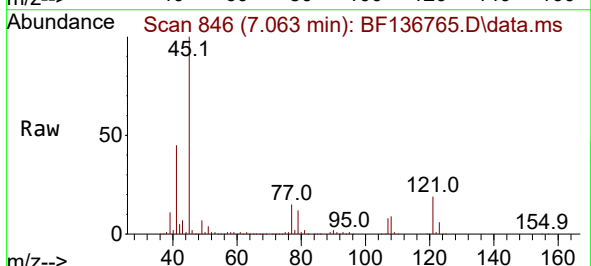


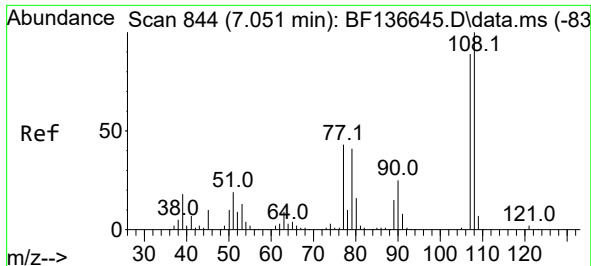
Tgt Ion: 79 Resp: 178512
Ion Ratio Lower Upper
79 100
108 79.1 61.0 91.6
77 60.0 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.722 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

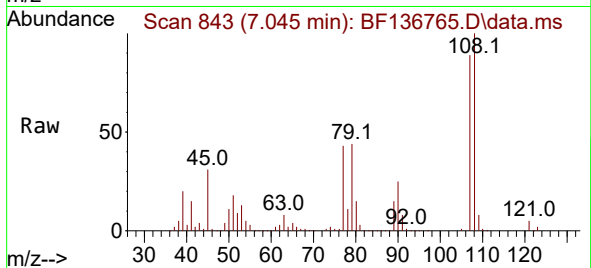
Tgt Ion: 45 Resp: 331598
Ion Ratio Lower Upper
45 100
77 15.2 0.0 34.3
79 12.4 0.0 31.4



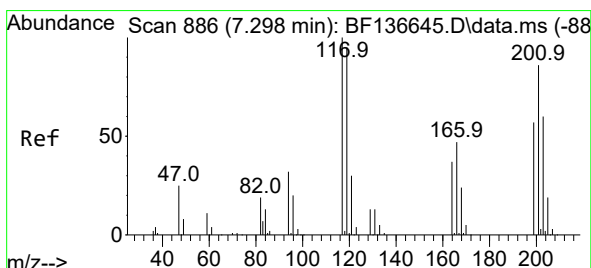
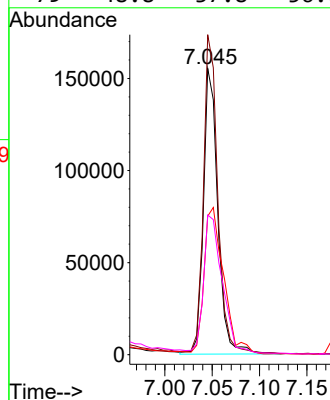
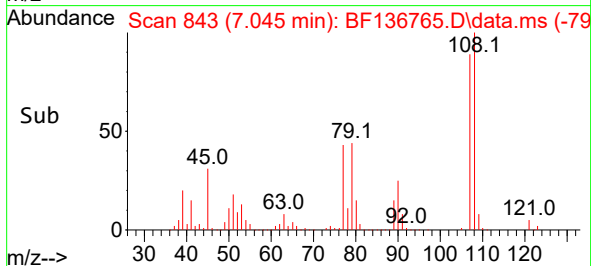


#17
2-Methylphenol
Concen: 37.261 ng
RT: 7.045 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

Instrument :
BNA_F
ClientSampleId :

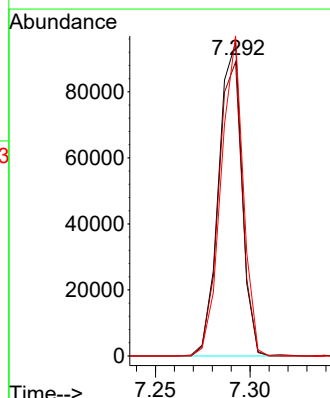
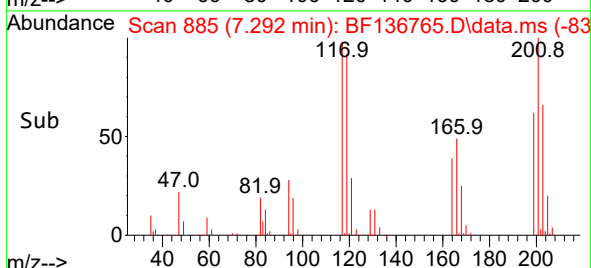
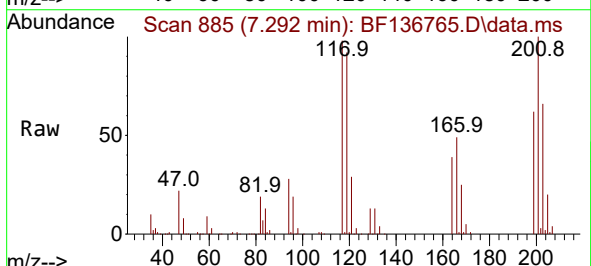


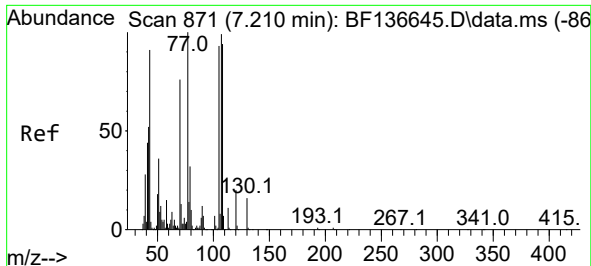
Tgt Ion:107 Resp: 163966
Ion Ratio Lower Upper
107 100
108 111.8 90.3 135.5
77 48.4 38.7 58.1
79 48.8 37.8 56.6



#18
Hexachloroethane
Concen: 37.829 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

Tgt Ion:117 Resp: 81342
Ion Ratio Lower Upper
117 100
119 93.9 75.8 113.6
201 102.2 69.1 103.7





#19

n-Nitroso-di-n-propylamine

Concen: 39.498 ng

RT: 7.198 min Scan# 869

Delta R.T. -0.012 min

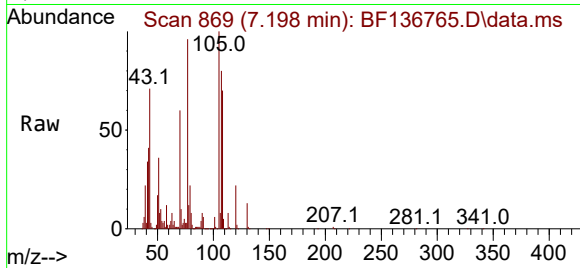
Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 70 Resp: 150591

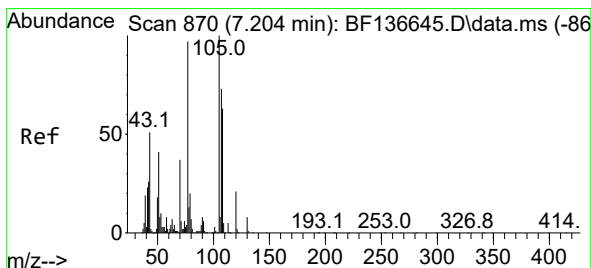
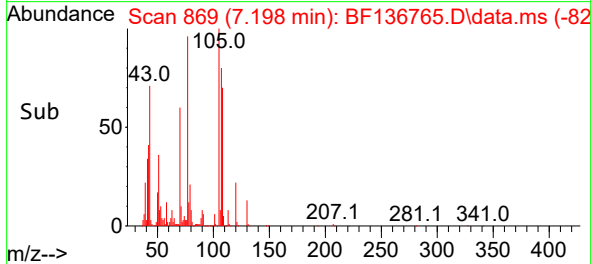
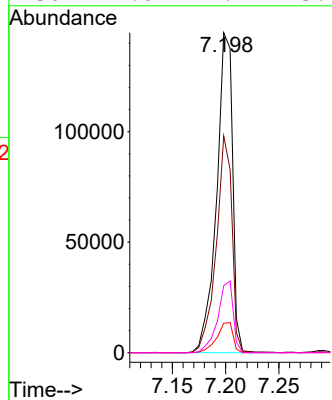
Ion Ratio Lower Upper

70 100

42 67.8 54.2 81.4

101 9.2 7.6 11.4

130 21.0 17.1 25.7



#20

3+4-Methylphenols

Concen: 37.509 ng

RT: 7.198 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

Tgt Ion: 107 Resp: 206210

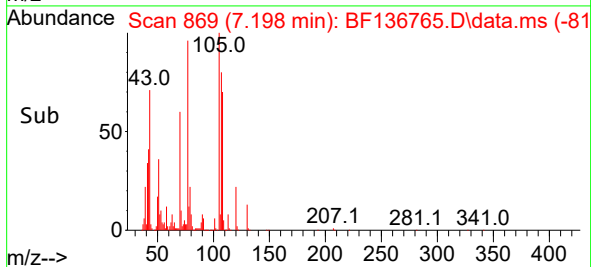
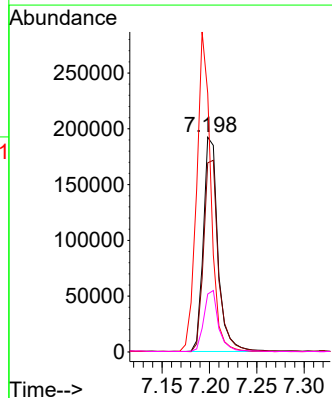
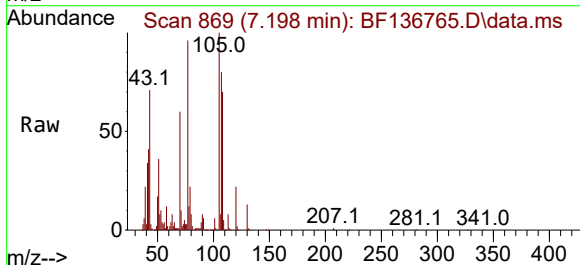
Ion Ratio Lower Upper

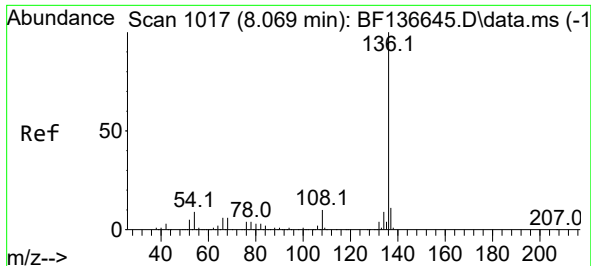
107 100

108 88.1 66.0 106.0

77 120.5 114.2 154.2

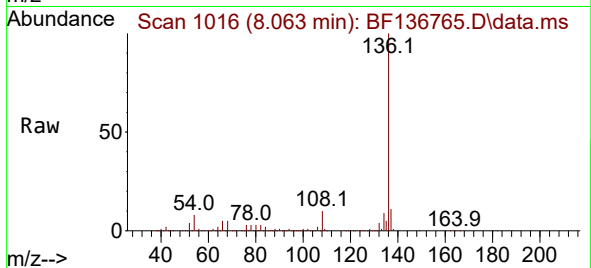
79 27.0 7.2 47.2



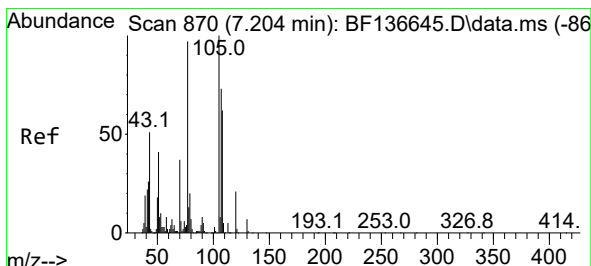
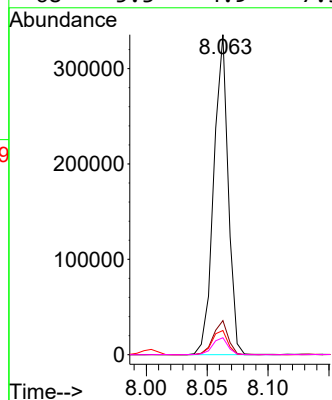
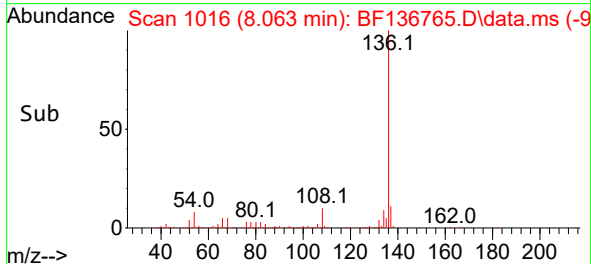


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

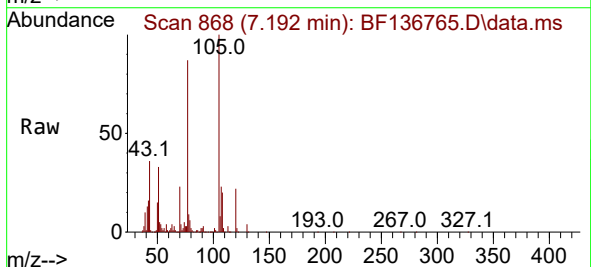
Instrument :
BNA_F
ClientSampleId :



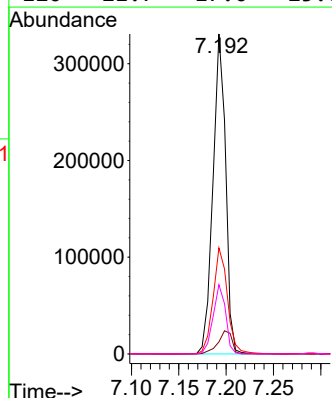
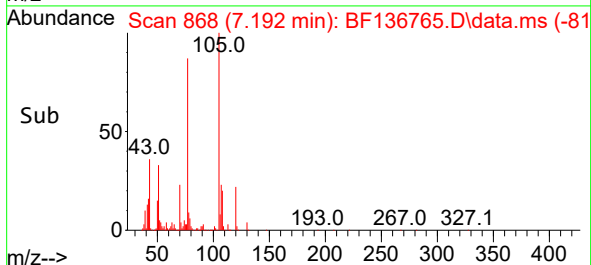
Tgt Ion:136 Resp: 276627
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 7.5 7.2 10.8
68 5.3 4.9 7.3

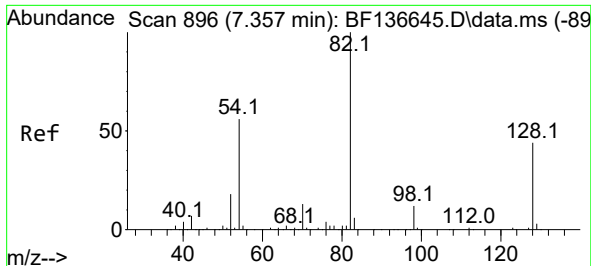


#22
Acetophenone
Concen: 44.250 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56



Tgt Ion:105 Resp: 306811
Ion Ratio Lower Upper
105 100
71 3.7 4.8 7.2#
51 33.1 32.8 49.2
120 21.7 17.0 25.6





#23

Nitrobenzene-d5

Concen: 61.277 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

Instrument :

BNA_F

ClientSampleId :

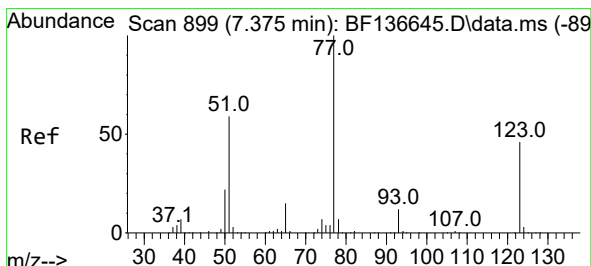
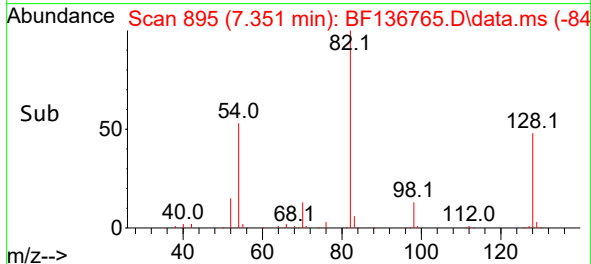
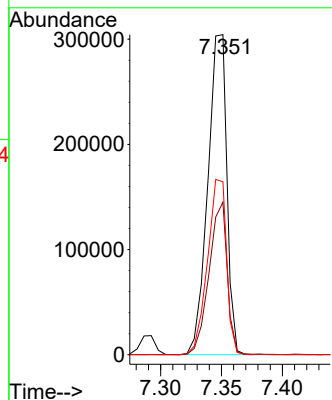
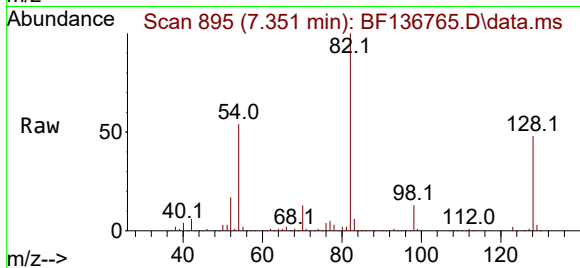
Tgt Ion: 82 Resp: 331259

Ion Ratio Lower Upper

82 100

128 47.6 35.3 52.9

54 54.1 44.5 66.7



#24

Nitrobenzene

Concen: 40.549 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

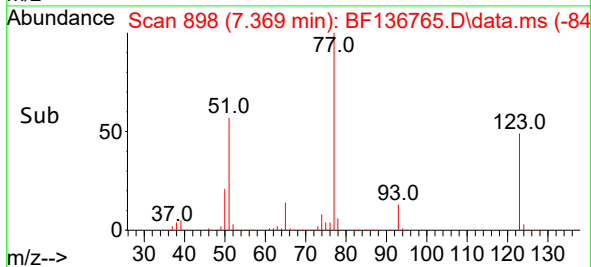
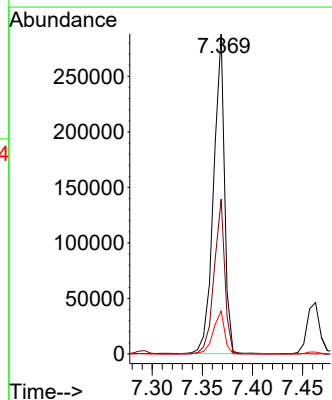
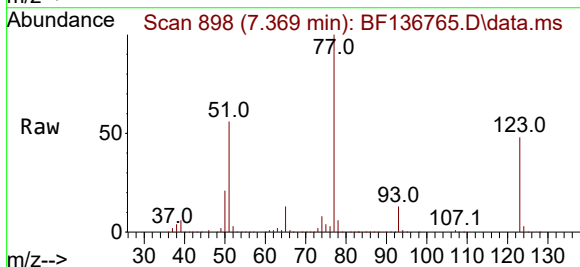
Tgt Ion: 77 Resp: 219586

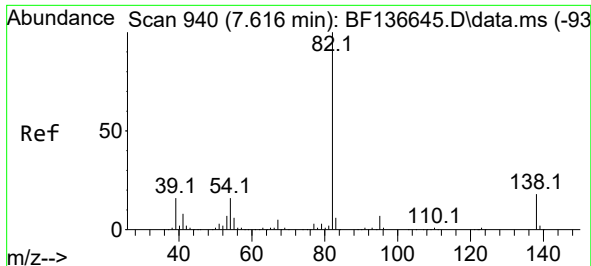
Ion Ratio Lower Upper

77 100

123 48.4 36.7 55.1

65 13.4 11.8 17.6

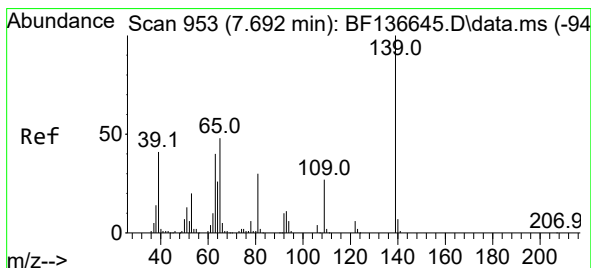
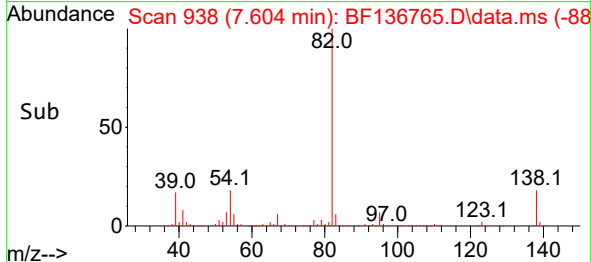
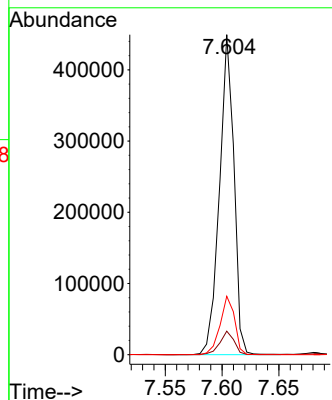
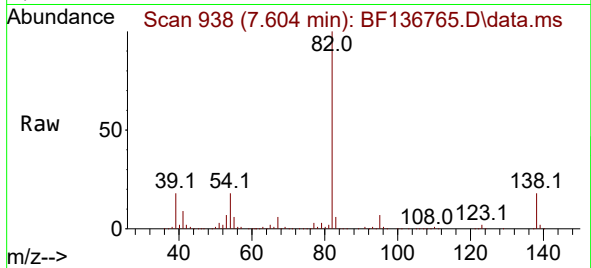




#25
Isophorone
Concen: 40.592 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

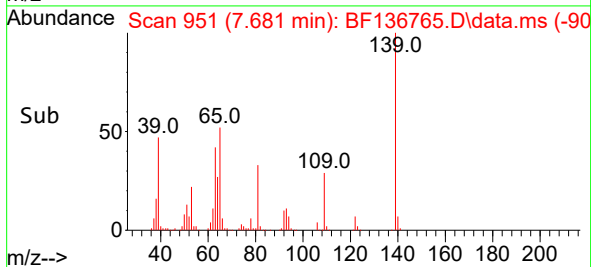
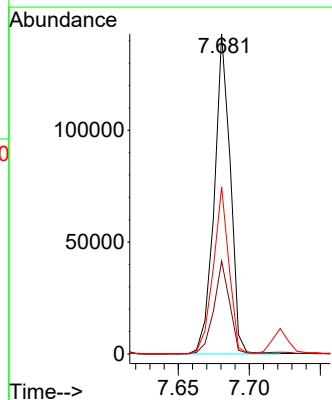
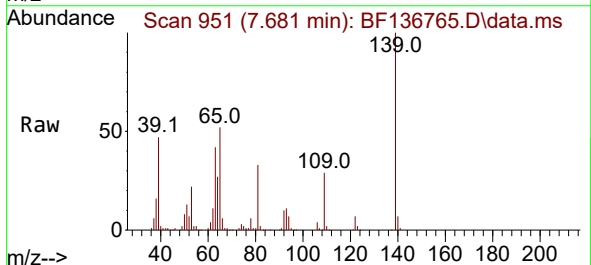
Instrument :
BNA_F
ClientSampleId :

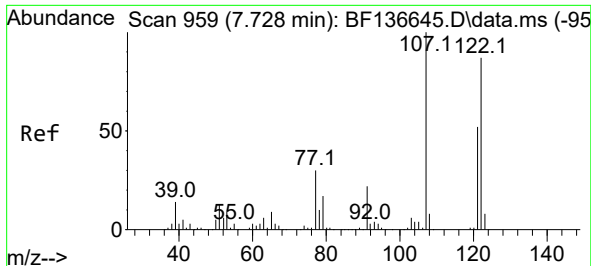
Tgt Ion: 82 Resp: 399294
Ion Ratio Lower Upper
82 100
95 7.4 5.5 8.3
138 18.2 14.5 21.7



#26
2-Nitrophenol
Concen: 43.385 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

Tgt Ion:139 Resp: 112408
Ion Ratio Lower Upper
139 100
109 29.1 21.9 32.9
65 52.2 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 30.733 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF136765.D

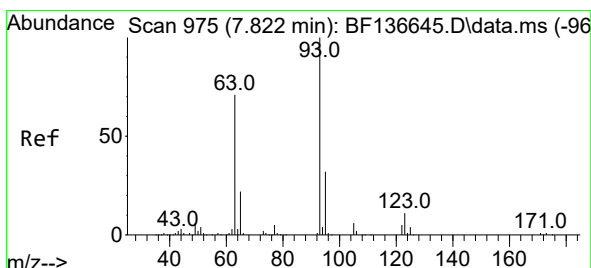
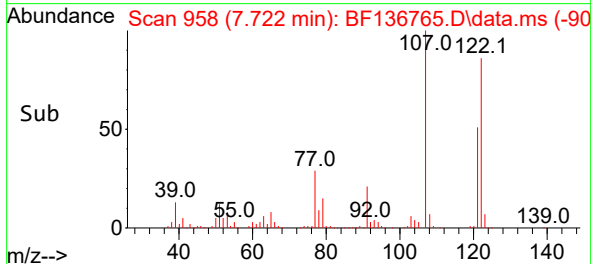
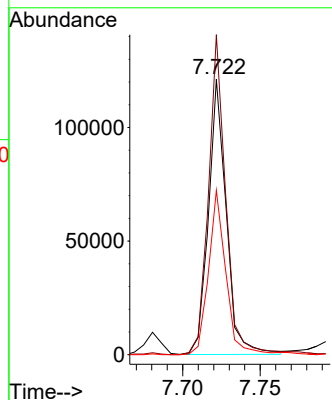
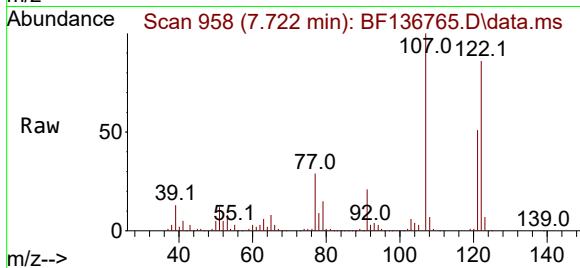
Acq: 27 Dec 2023 18:56

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	122	Resp:	96940
Ion	Ratio	Lower	Upper
122	100		
107	116.2	92.0	138.0
121	59.6	47.5	71.3



#28

bis(2-Chloroethoxy)methane

Concen: 42.092 ng

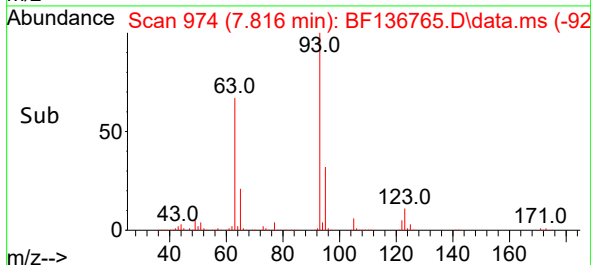
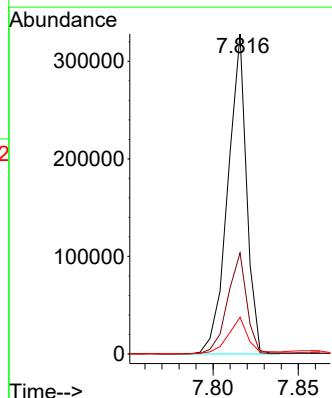
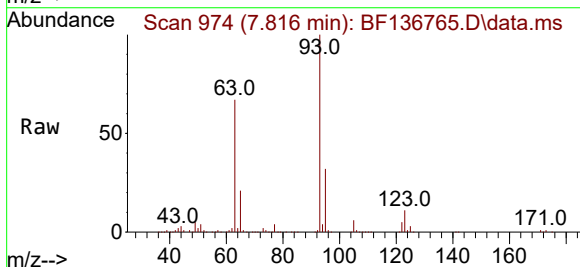
RT: 7.816 min Scan# 974

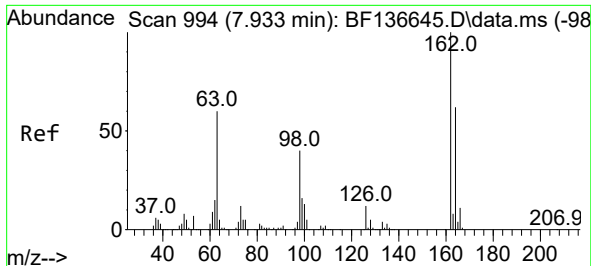
Delta R.T. -0.006 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

Tgt Ion:	93	Resp:	251677
Ion	Ratio	Lower	Upper
93	100		
95	31.6	25.5	38.3
123	11.4	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 41.825 ng

RT: 7.928 min Scan# 91

Delta R.T. -0.006 min

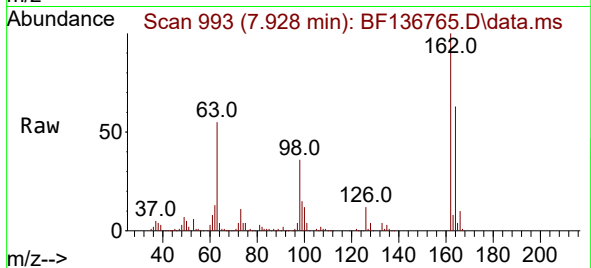
Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

Instrument :

BNA_F

ClientSampleId :



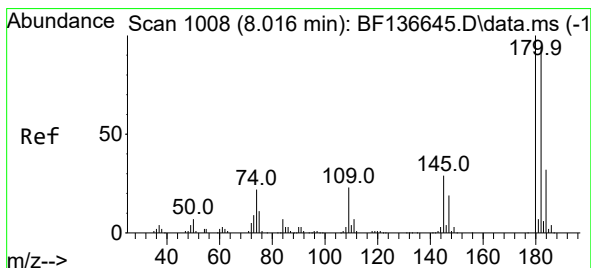
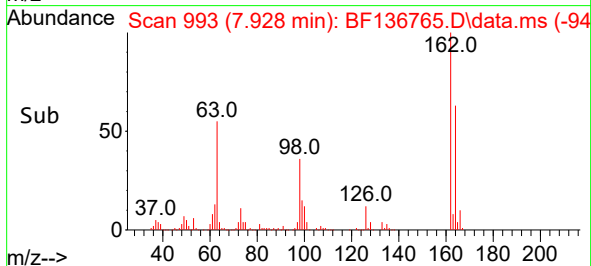
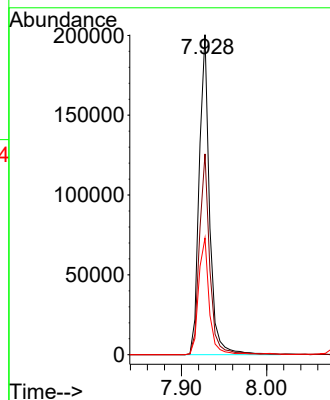
Tgt Ion:162 Resp: 169848

Ion Ratio Lower Upper

162 100

164 62.8 41.7 81.7

98 36.5 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 39.776 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

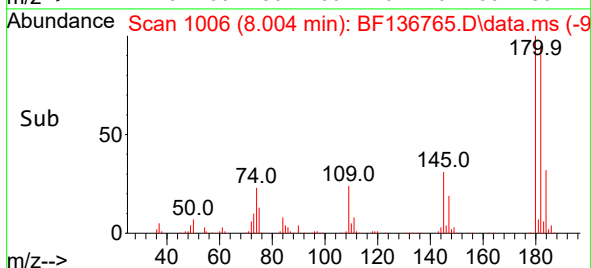
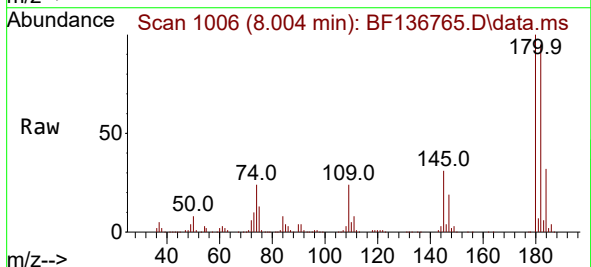
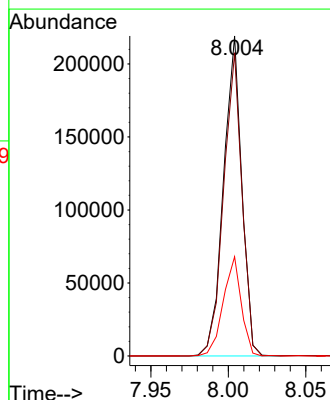
Tgt Ion:180 Resp: 179971

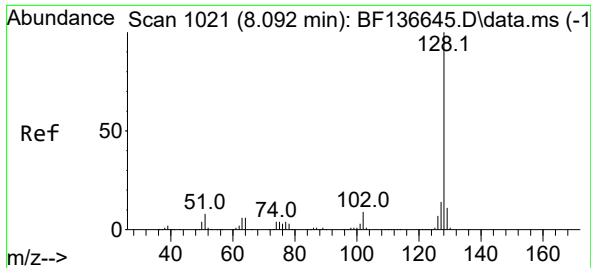
Ion Ratio Lower Upper

180 100

182 94.7 75.4 113.0

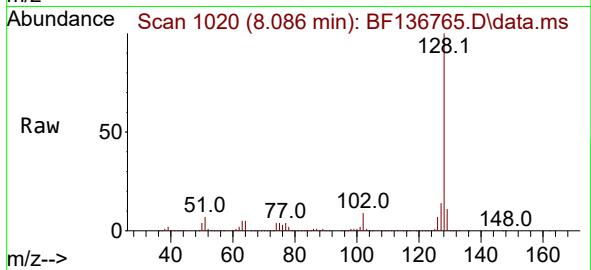
145 31.0 23.1 34.7



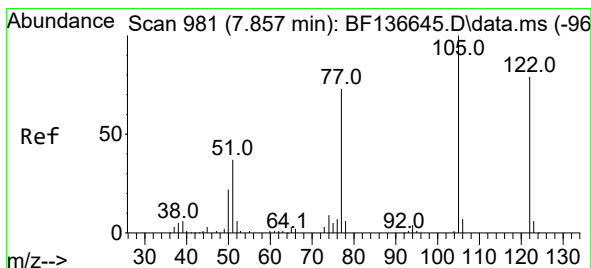
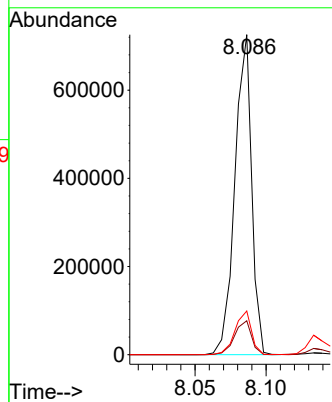
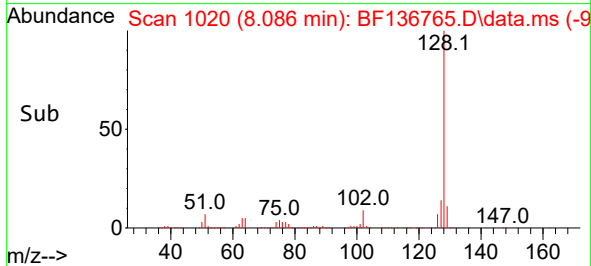


#31
Naphthalene
Concen: 39.227 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

Instrument :
BNA_F
ClientSampleId :

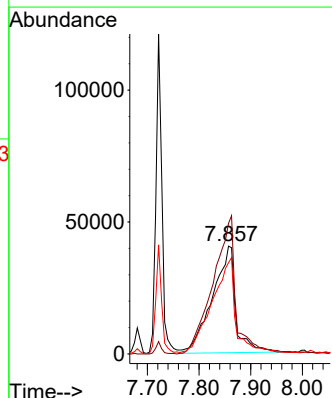
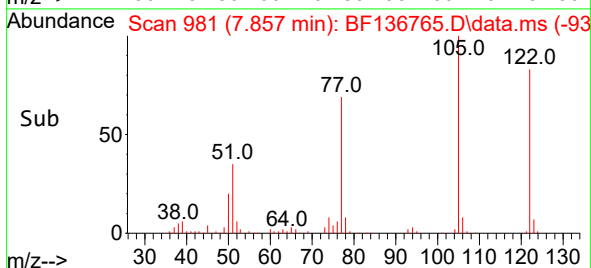
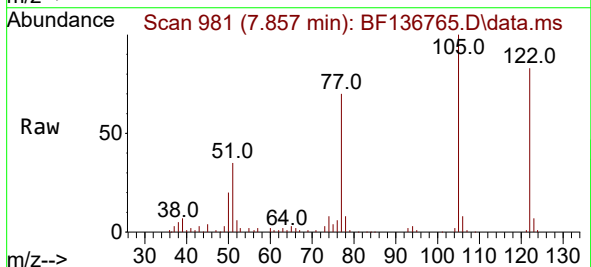


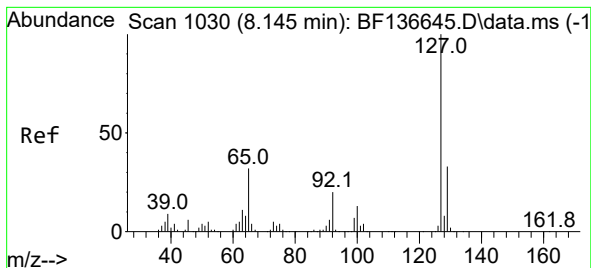
Tgt Ion:128 Resp: 596141
Ion Ratio Lower Upper
128 100
129 10.6 8.7 13.1
127 13.7 10.8 16.2



#32
Benzoic acid
Concen: 41.469 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

Tgt Ion:122 Resp: 126564
Ion Ratio Lower Upper
122 100
105 121.1 100.8 140.8
77 84.6 70.9 110.9





#33

4-Chloroaniline

Concen: 9.983 ng

RT: 8.133 min Scan# 1028

Delta R.T. -0.012 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:127 Resp: 56015

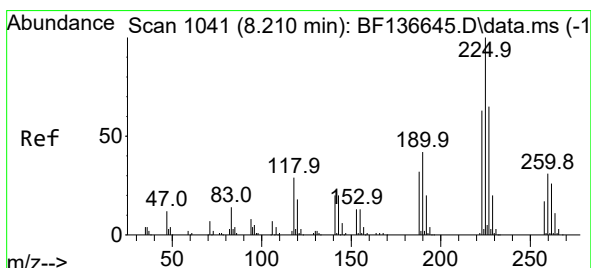
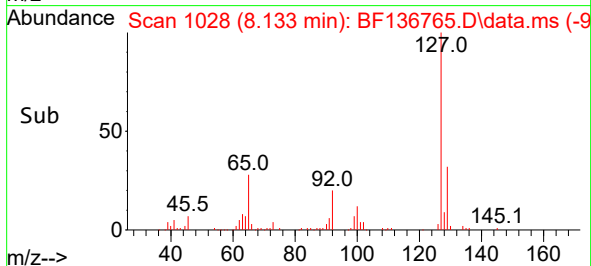
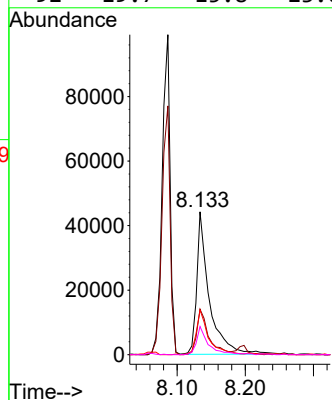
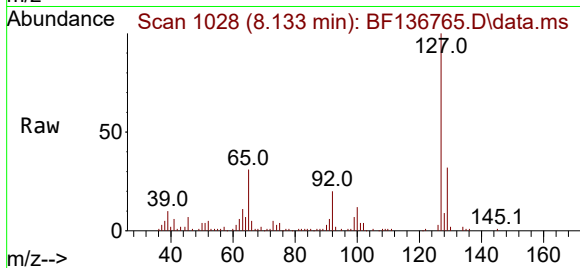
Ion Ratio Lower Upper

127 100

129 31.8 26.3 39.5

65 31.2 25.8 38.8

92 19.7 15.8 23.6



#34

Hexachlorobutadiene

Concen: 39.453 ng

RT: 8.198 min Scan# 1039

Delta R.T. -0.012 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

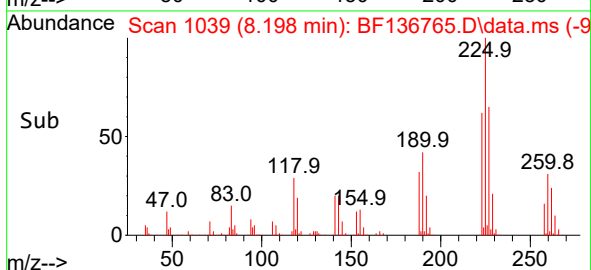
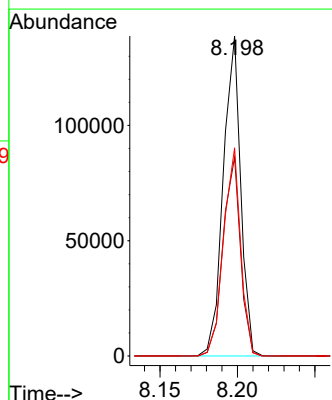
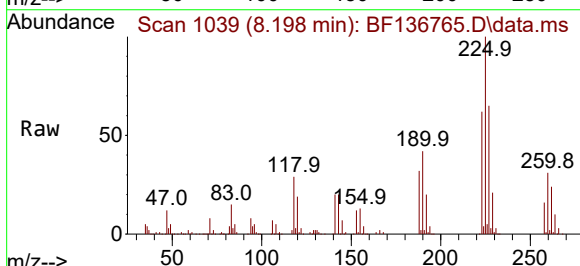
Tgt Ion:225 Resp: 108457

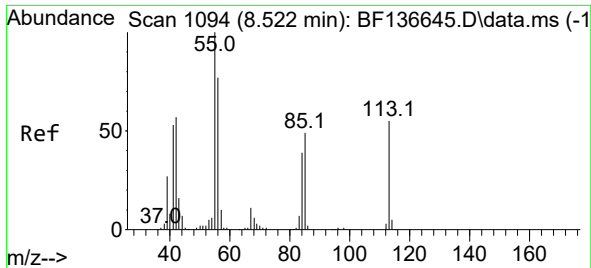
Ion Ratio Lower Upper

225 100

223 62.1 50.6 76.0

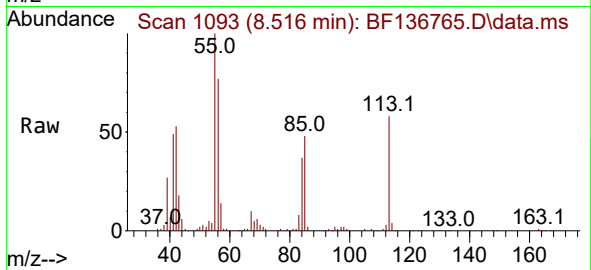
227 65.0 51.9 77.9



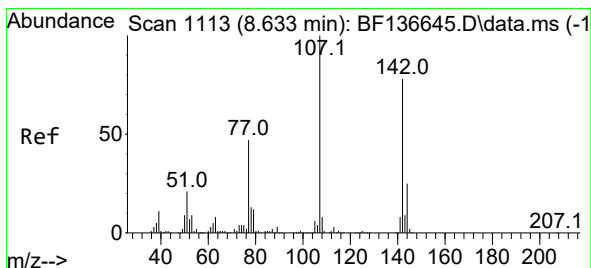
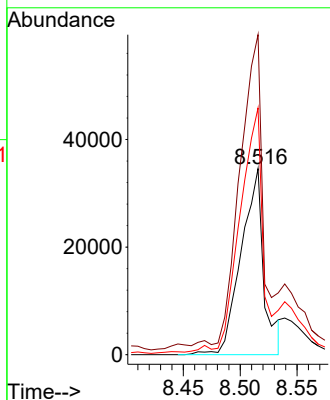
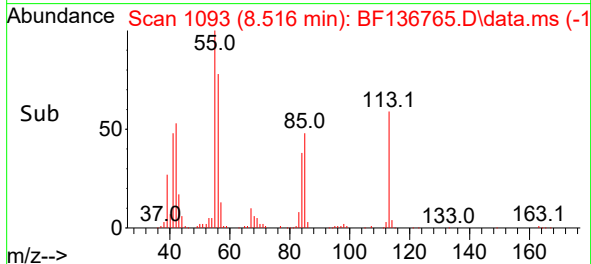


#35
Caprolactam
Concen: 35.923 ng
RT: 8.516 min Scan# 1093
Delta R.T. -0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

Instrument :
BNA_F
ClientSampleId :

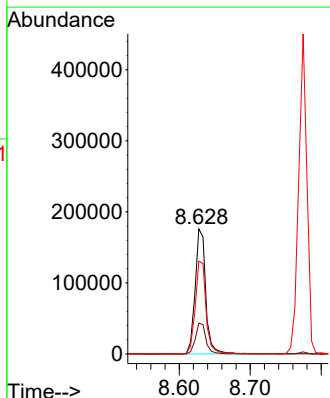
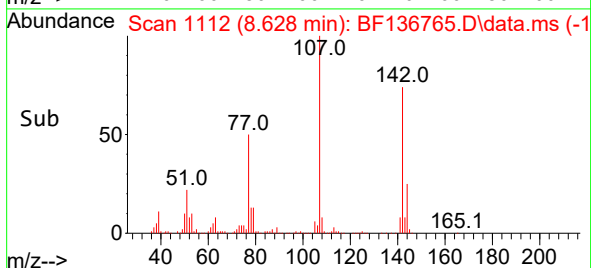
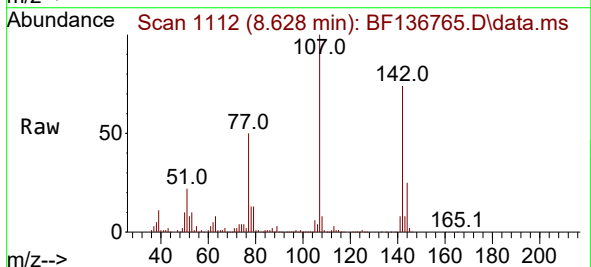


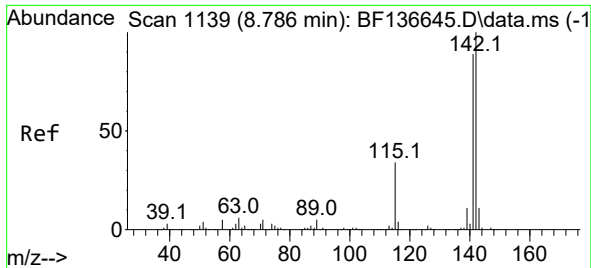
Tgt Ion:113 Resp: 48125
Ion Ratio Lower Upper
113 100
55 172.0 163.1 203.1
56 132.6 121.7 161.7



#36
4-Chloro-3-methylphenol
Concen: 40.297 ng
RT: 8.628 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

Tgt Ion:107 Resp: 184227
Ion Ratio Lower Upper
107 100
144 24.6 20.2 30.2
142 74.2 62.3 93.5

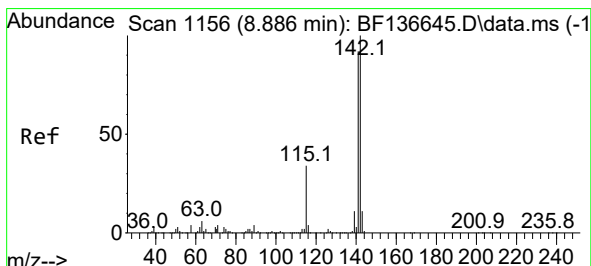
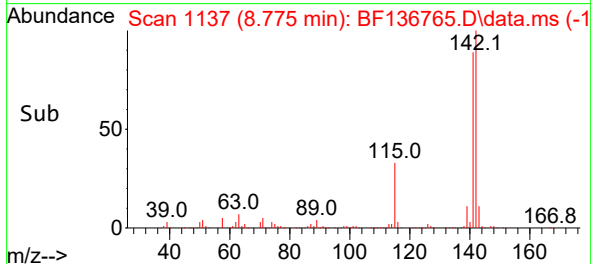
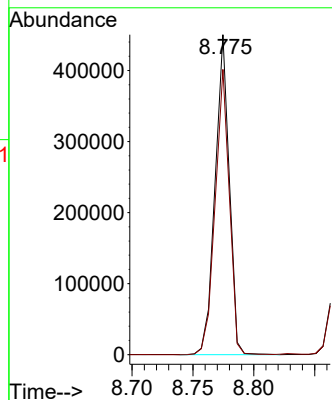
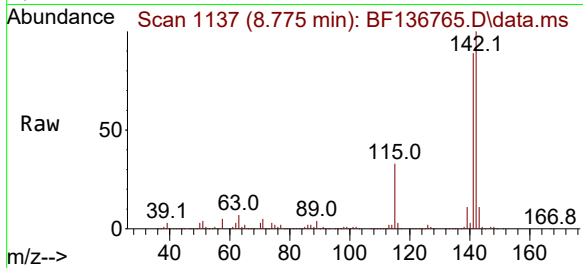




#37
2-Methylnaphthalene
Concen: 37.400 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

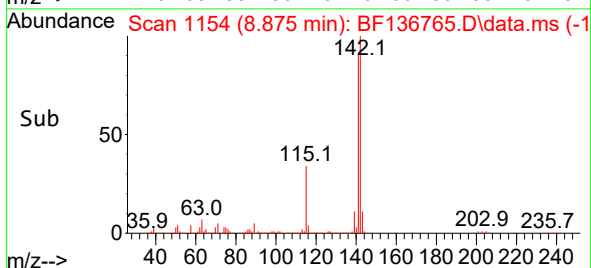
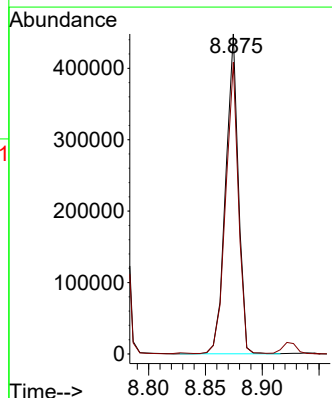
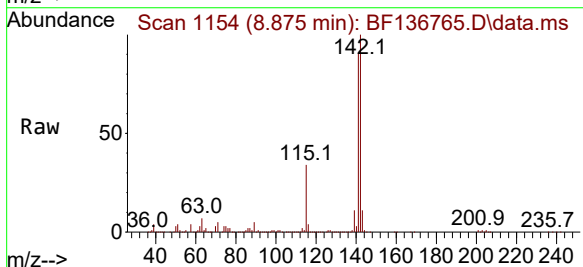
Instrument :
BNA_F
ClientSampleId :

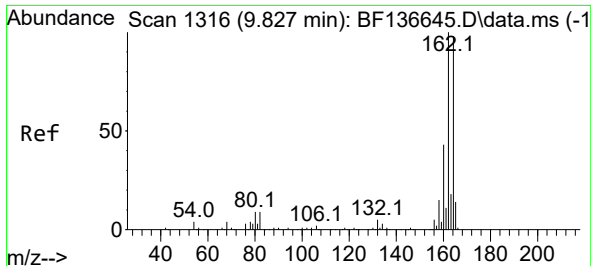
Tgt Ion:142 Resp: 365788
Ion Ratio Lower Upper
142 100
141 89.1 71.1 106.7



#38
1-Methylnaphthalene
Concen: 36.466 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

Tgt Ion:142 Resp: 349909
Ion Ratio Lower Upper
142 100
141 91.2 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1165

Delta R.T. -0.012 min

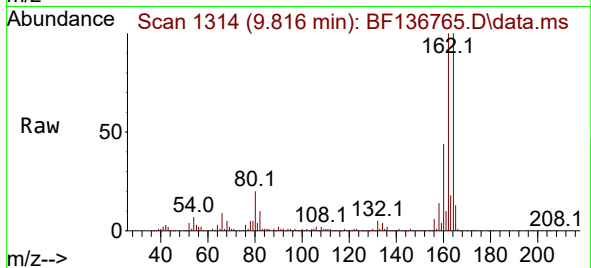
Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

Instrument :

BNA_F

ClientSampleId :



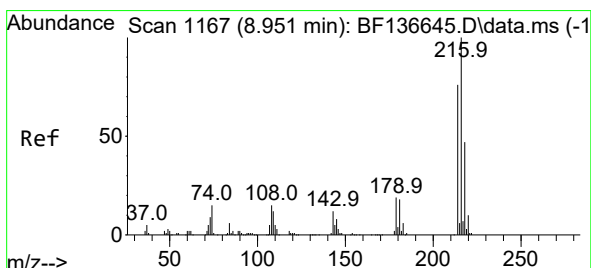
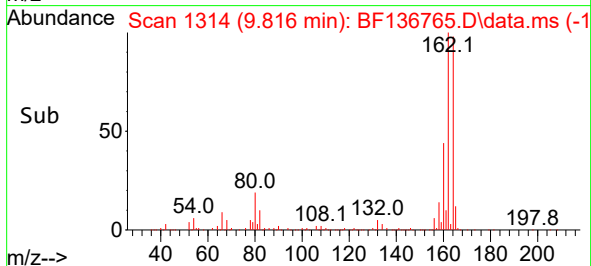
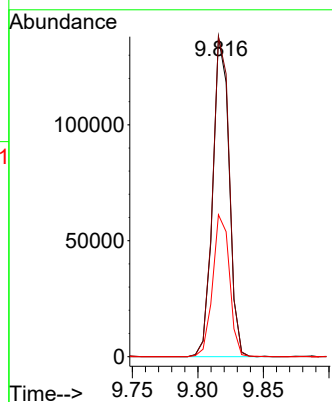
Tgt Ion:164 Resp: 120002

Ion Ratio Lower Upper

164 100

162 100.0 81.6 122.4

160 44.4 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.903 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

Tgt Ion:216 Resp: 174311

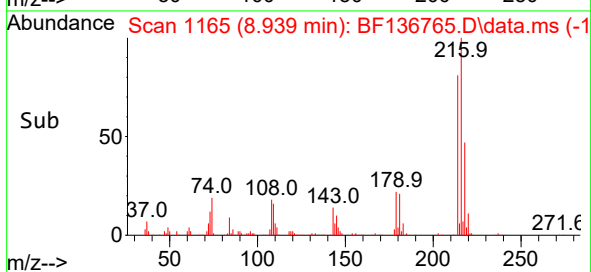
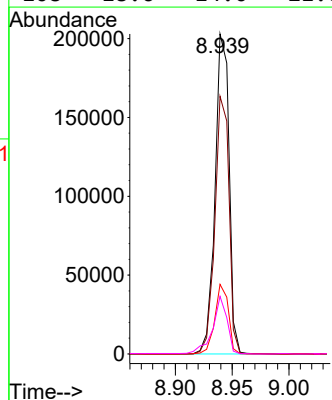
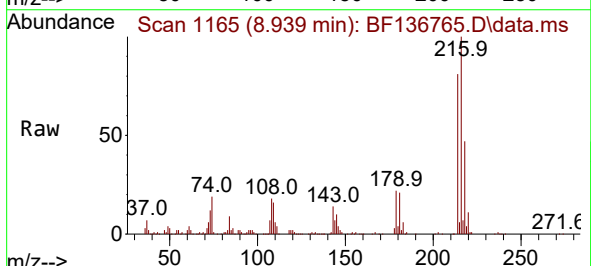
Ion Ratio Lower Upper

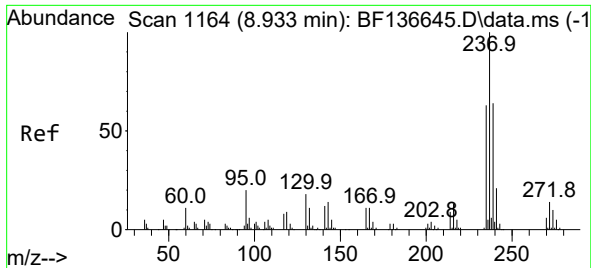
216 100

214 81.0 62.3 93.5

179 21.0 16.4 24.6

108 18.6 14.0 21.0

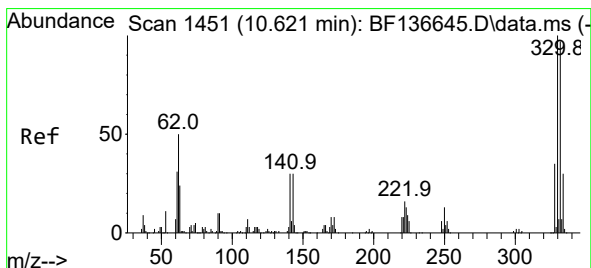
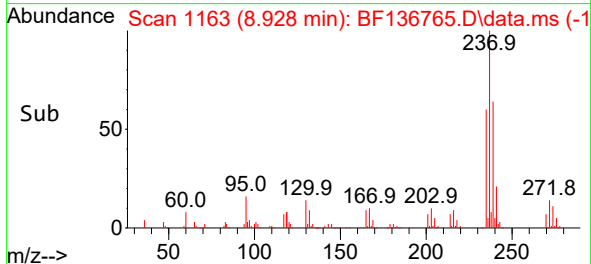
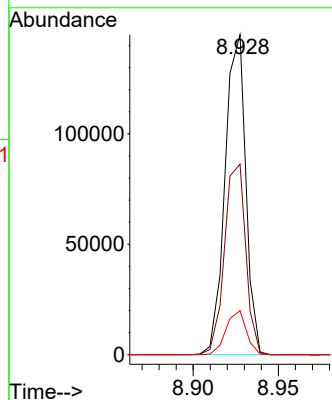
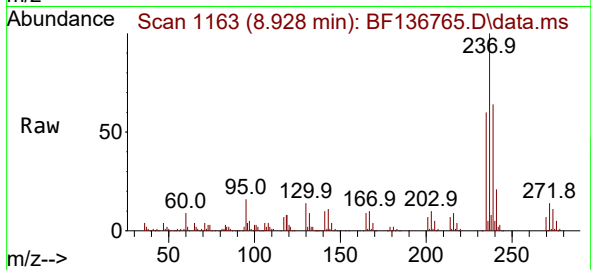




#41
Hexachlorocyclopentadiene
Concen: 102.020 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

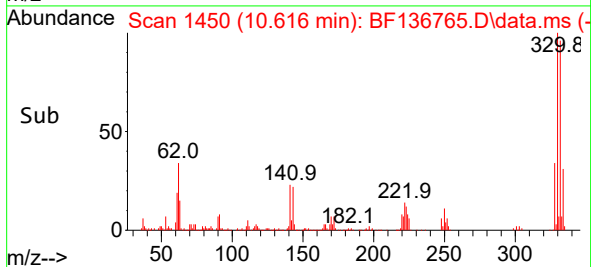
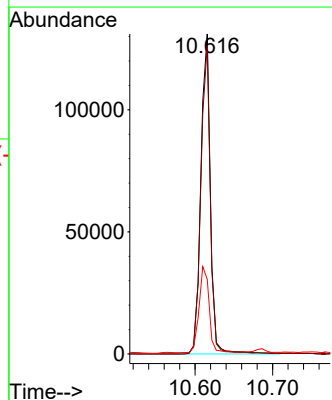
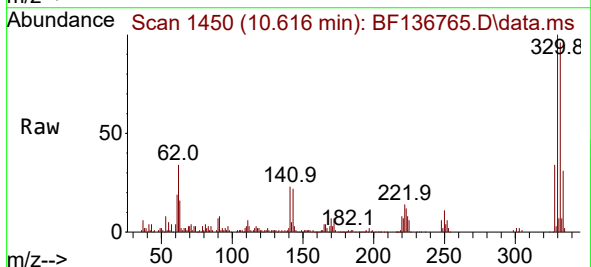
Instrument :
BNA_F
ClientSampleId :

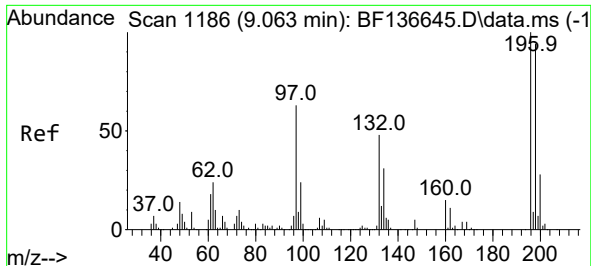
Tgt Ion:237 Resp: 122591
Ion Ratio Lower Upper
237 100
235 59.6 43.2 83.2
272 13.7 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 79.399 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

Tgt Ion:330 Resp: 112214
Ion Ratio Lower Upper
330 100
332 95.9 77.4 116.0
141 28.2 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 47.888 ng

RT: 9.057 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

Instrument :

BNA_F

ClientSampleId :

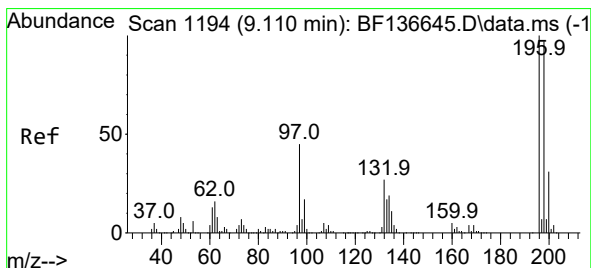
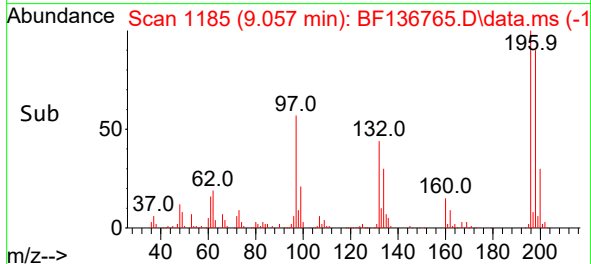
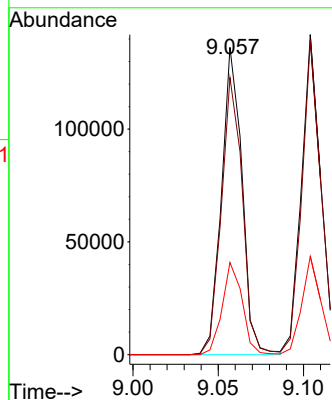
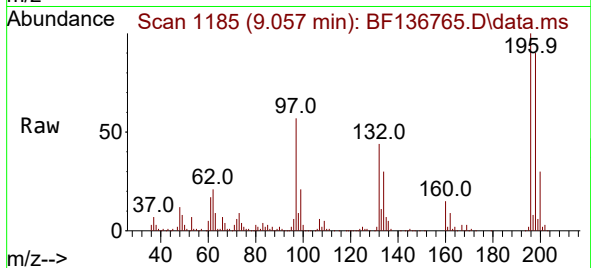
Tgt Ion:196 Resp: 114136

Ion Ratio Lower Upper

196 100

198 90.2 75.1 112.7

200 30.0 22.5 33.7



#44

2,4,5-Trichlorophenol

Concen: 44.545 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

Tgt Ion:196 Resp: 118309

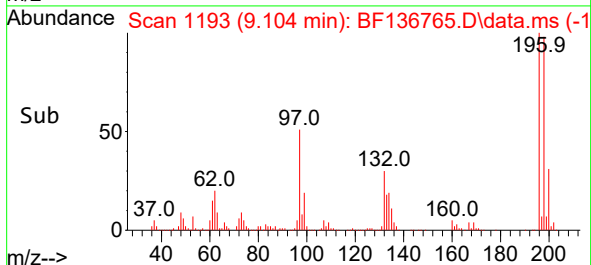
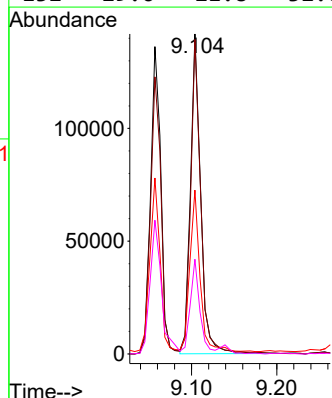
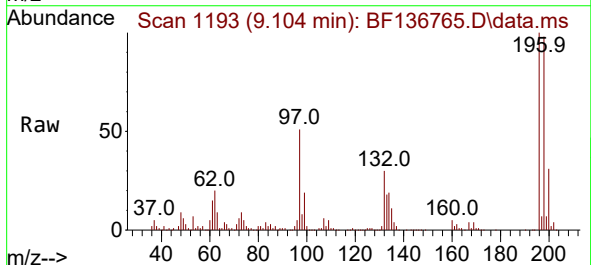
Ion Ratio Lower Upper

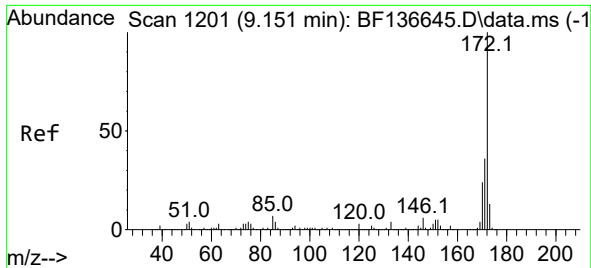
196 100

198 98.3 77.0 115.6

97 51.2 36.1 54.1

132 29.6 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 68.416 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

Instrument :

BNA_F

ClientSampleId :

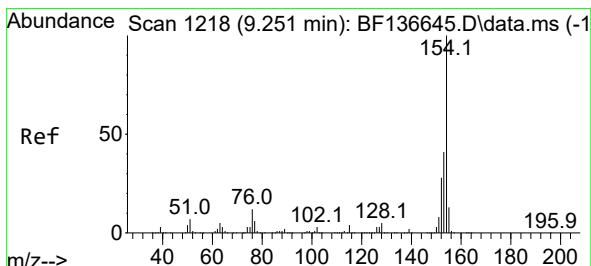
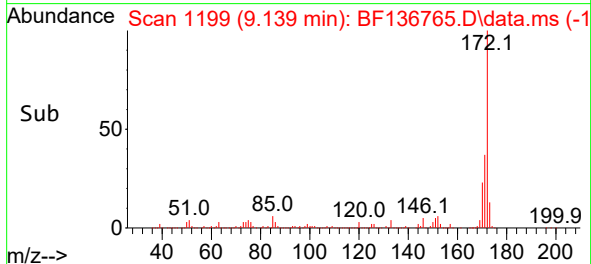
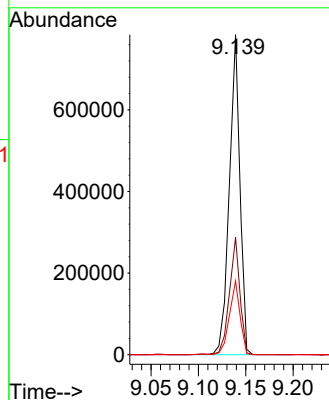
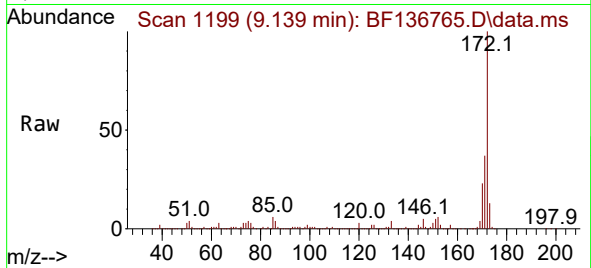
Tgt Ion:172 Resp: 610419

Ion Ratio Lower Upper

172 100

171 36.6 29.0 43.6

170 23.1 19.0 28.4



#46

1,1'-Biphenyl

Concen: 46.673 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

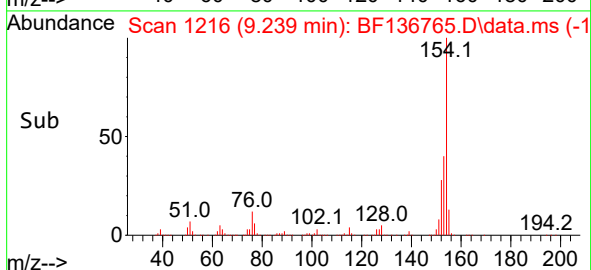
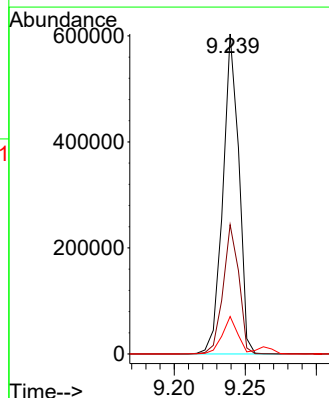
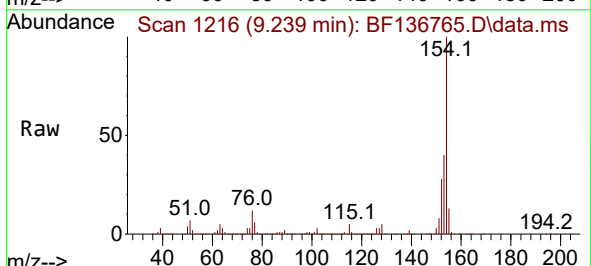
Tgt Ion:154 Resp: 470001

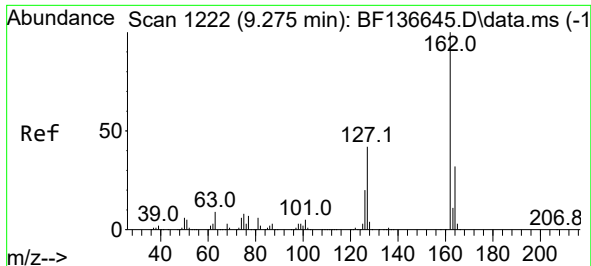
Ion Ratio Lower Upper

154 100

153 40.4 21.1 61.1

76 11.7 0.0 31.7

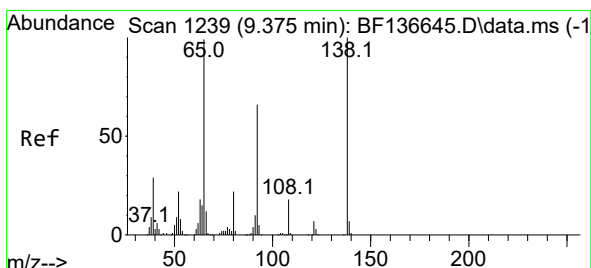
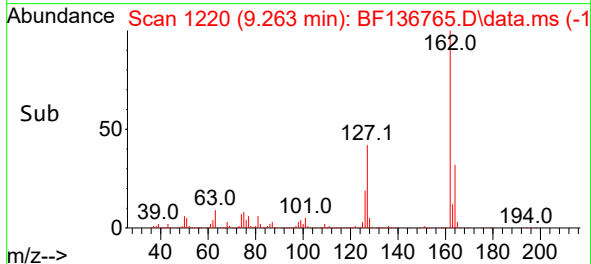
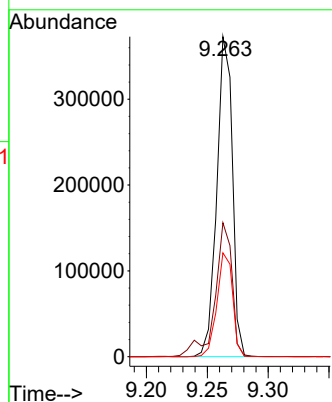
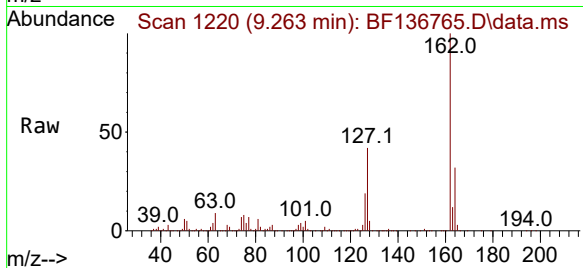




#47
2-Chloronaphthalene
Concen: 43.492 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

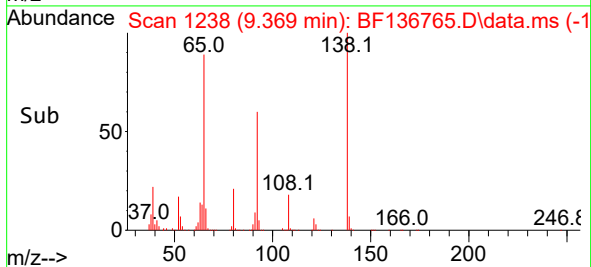
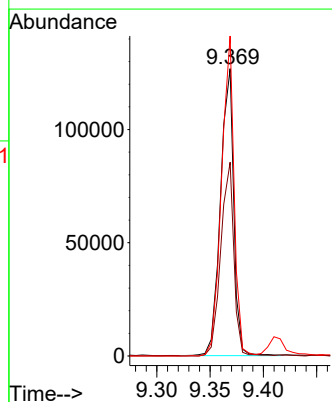
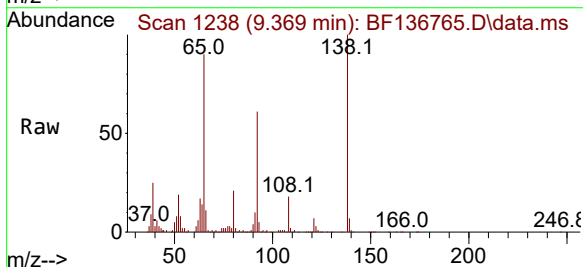
Instrument :
BNA_F
ClientSampleId :

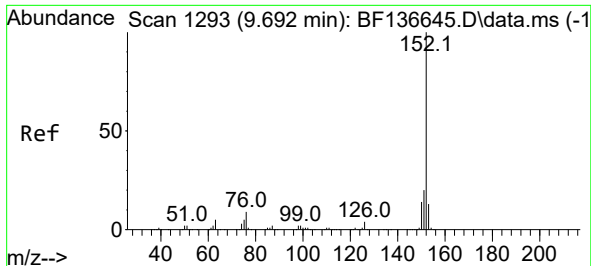
Tgt Ion:162 Resp: 332945
Ion Ratio Lower Upper
162 100
127 41.9 33.6 50.4
164 32.4 25.7 38.5



#48
2-Nitroaniline
Concen: 45.482 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

Tgt Ion: 65 Resp: 109033
Ion Ratio Lower Upper
65 100
92 67.4 53.2 79.8
138 111.4 81.1 121.7

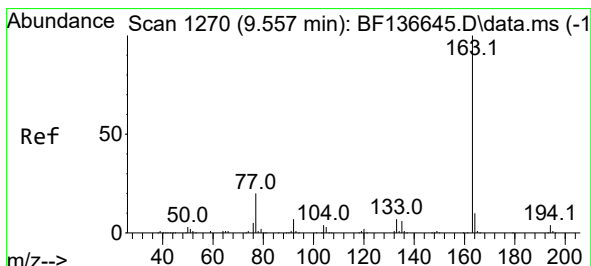
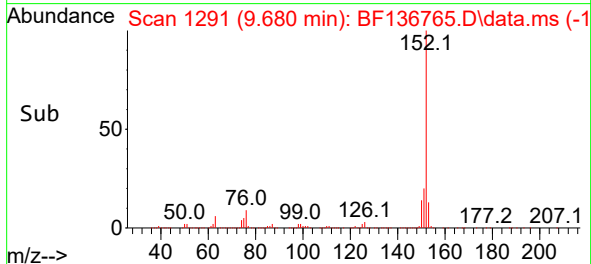
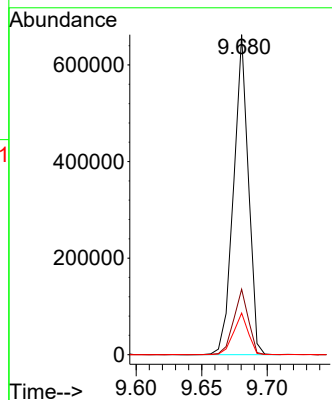
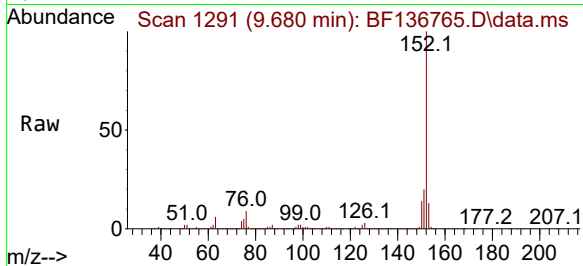




#49
Acenaphthylene
Concen: 44.493 ng
RT: 9.680 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

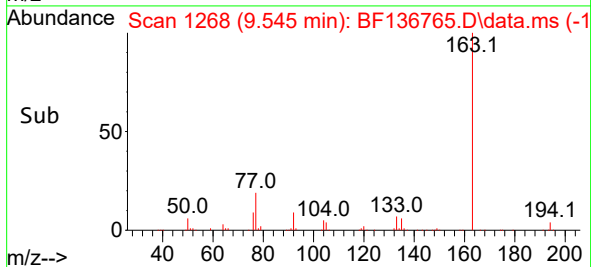
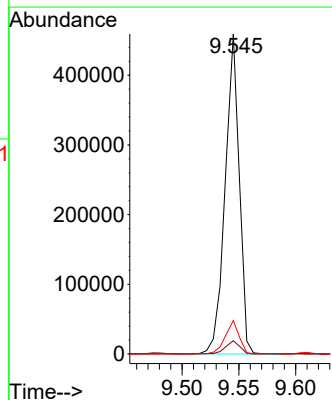
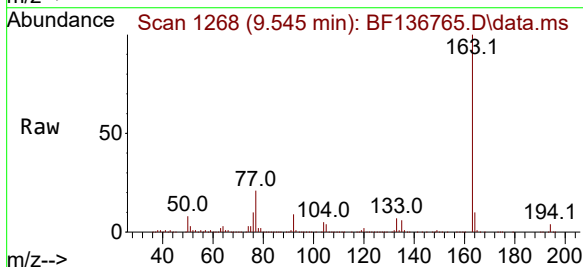
Instrument :
BNA_F
ClientSampleId :

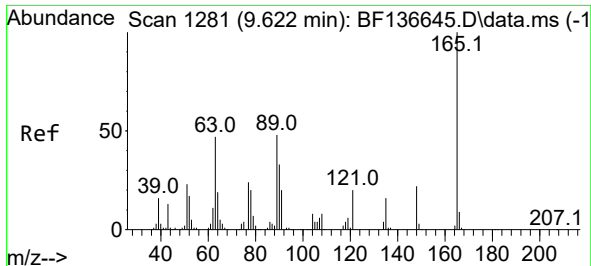
Tgt Ion:152 Resp: 520614
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.0 10.2 15.2



#50
Dimethylphthalate
Concen: 45.427 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

Tgt Ion:163 Resp: 398174
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.5 7.8 11.6

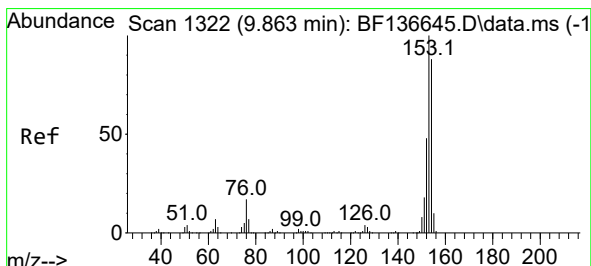
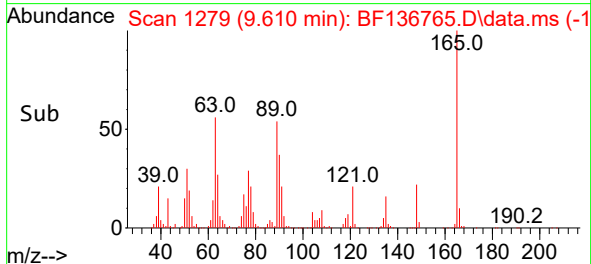
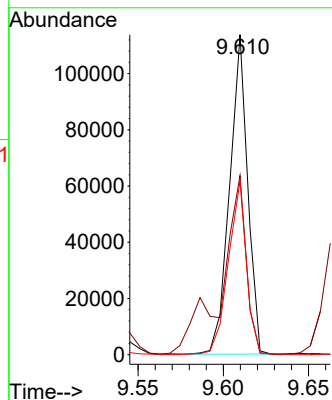
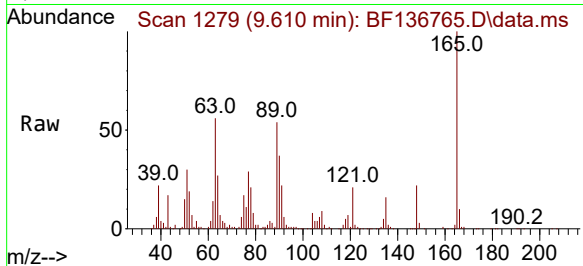




#51
2,6-Dinitrotoluene
Concen: 42.126 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

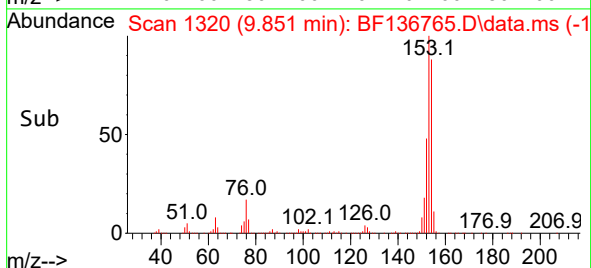
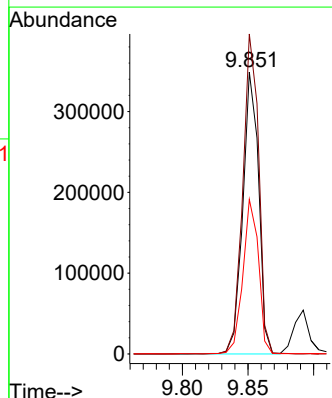
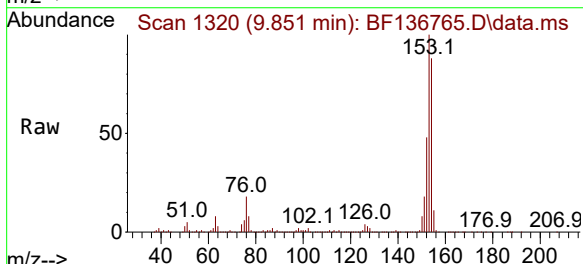
Instrument :
BNA_F
ClientSampleId :

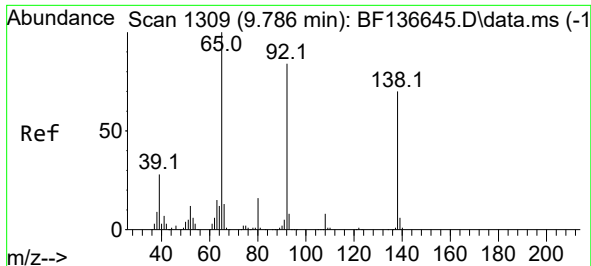
Tgt Ion:165 Resp: 83800
Ion Ratio Lower Upper
165 100
63 56.0 39.8 59.6
89 54.3 38.8 58.2



#52
Acenaphthene
Concen: 40.440 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

Tgt Ion:154 Resp: 293321
Ion Ratio Lower Upper
154 100
153 113.5 90.7 136.1
152 54.8 43.7 65.5

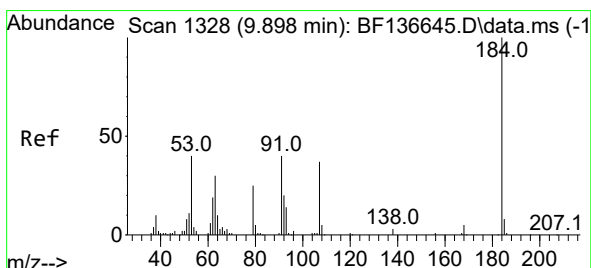
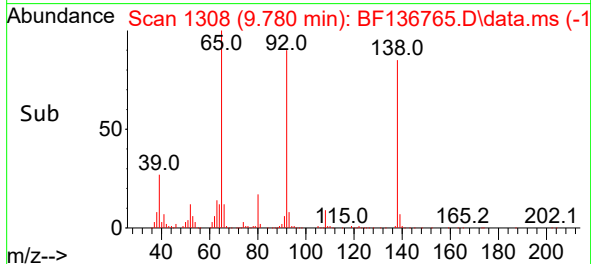
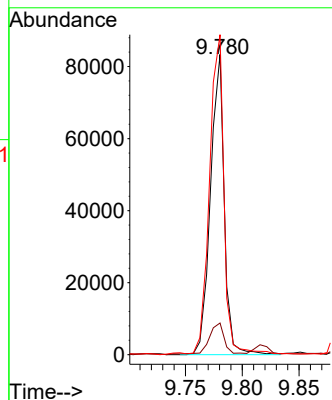
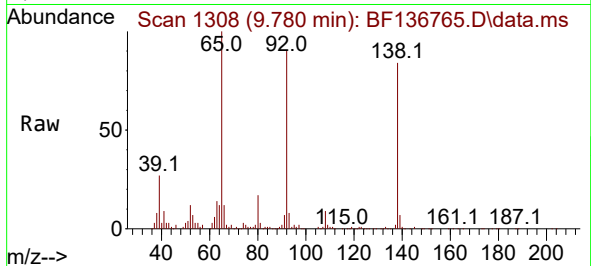




#53
3-Nitroaniline
Concen: 33.372 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

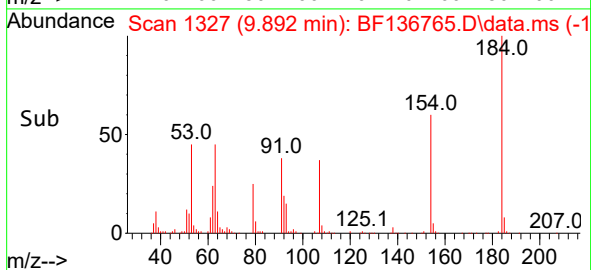
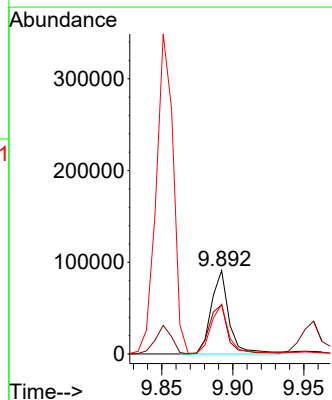
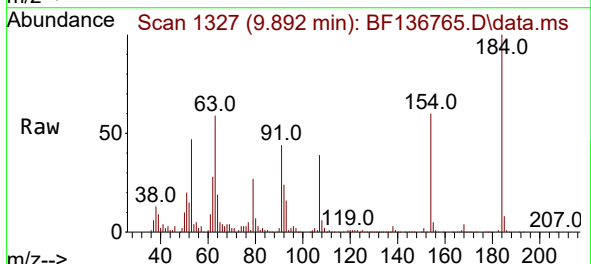
Instrument :
BNA_F
ClientSampleId :

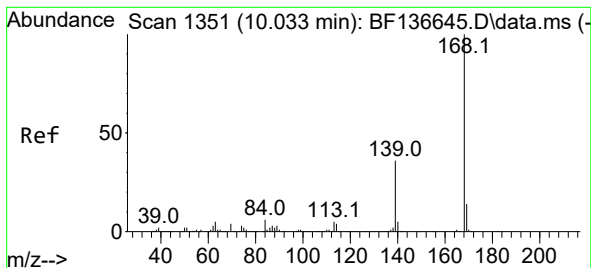
Tgt Ion:138 Resp: 70323
Ion Ratio Lower Upper
138 100
108 10.5 8.6 12.8
92 106.6 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 72.350 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

Tgt Ion:184 Resp: 79353
Ion Ratio Lower Upper
184 100
63 59.0 40.9 61.3
154 59.6 42.7 64.1





#55

Dibenzenofuran

Concen: 41.045 ng

RT: 10.027 min Scan# 1350

Delta R.T. -0.006 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

Instrument :

BNA_F

ClientSampleId :

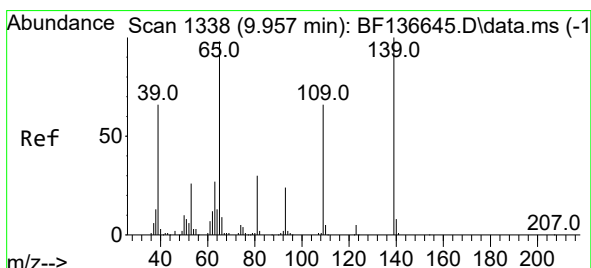
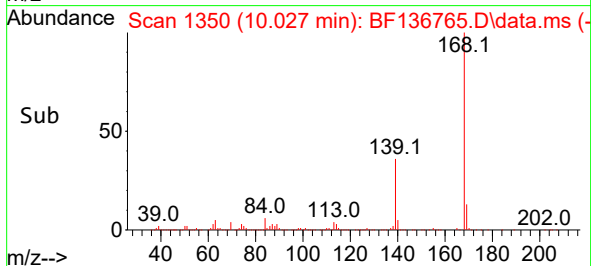
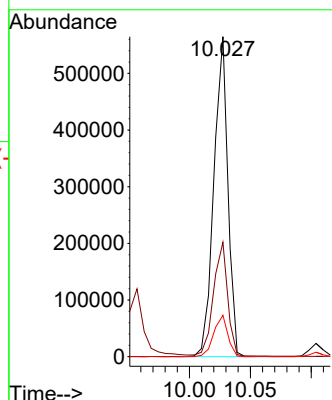
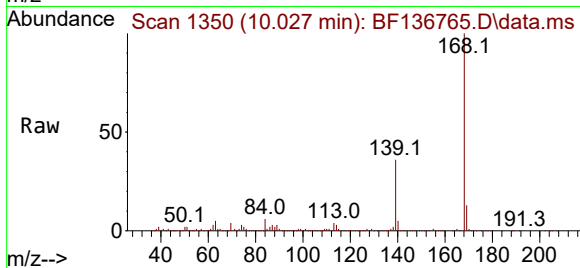
Tgt Ion:168 Resp: 451296

Ion Ratio Lower Upper

168 100

139 35.8 29.3 43.9

169 13.0 11.0 16.4



#56

4-Nitrophenol

Concen: 79.126 ng

RT: 9.957 min Scan# 1338

Delta R.T. 0.000 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

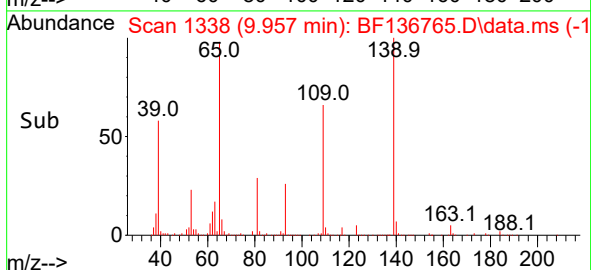
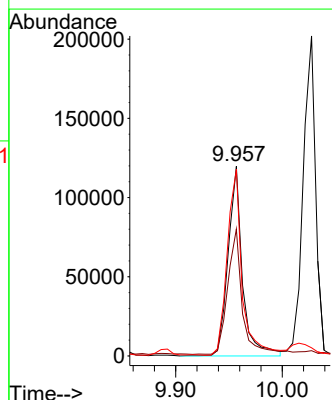
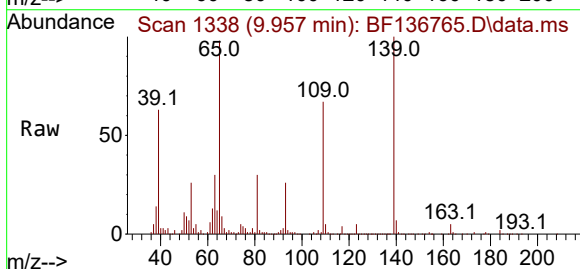
Tgt Ion:139 Resp: 112560

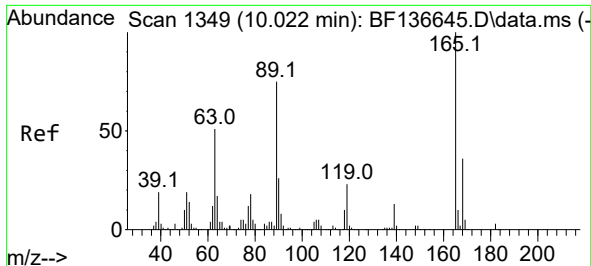
Ion Ratio Lower Upper

139 100

109 66.9 45.8 85.8

65 98.4 77.8 117.8





#57

2,4-Dinitrotoluene

Concen: 40.416 ng

RT: 10.016 min Scan# 11

Delta R.T. -0.006 min

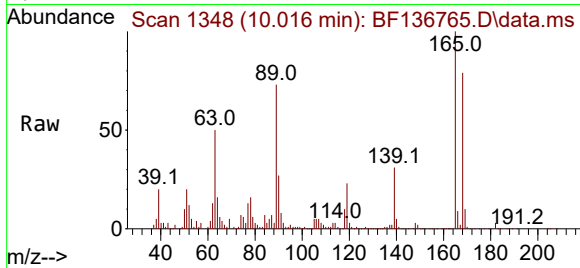
Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:165 Resp: 104374

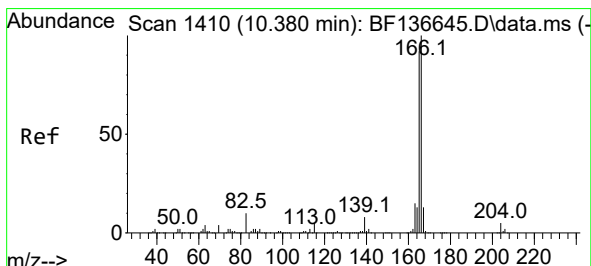
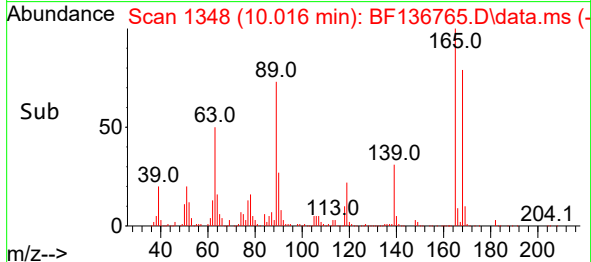
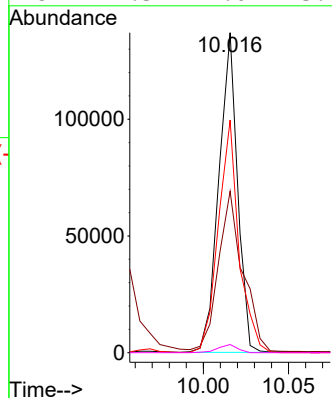
Ion Ratio Lower Upper

165 100

63 50.5 41.0 61.6

89 72.7 59.9 89.9

182 2.5 2.0 3.0



#58

Fluorene

Concen: 38.551 ng

RT: 10.369 min Scan# 1408

Delta R.T. -0.012 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

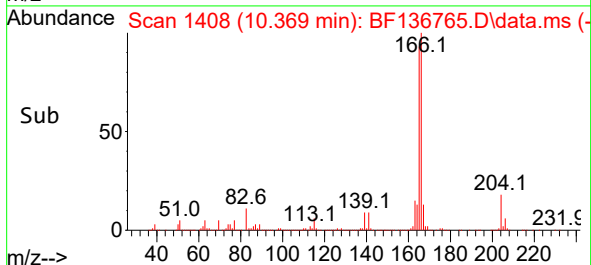
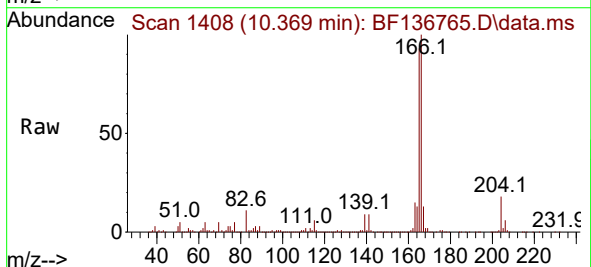
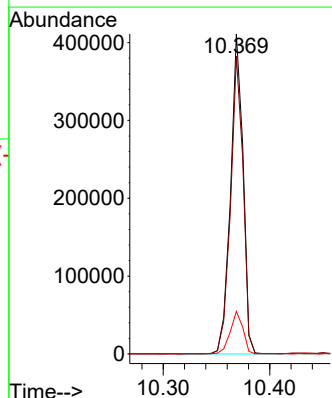
Tgt Ion:166 Resp: 336322

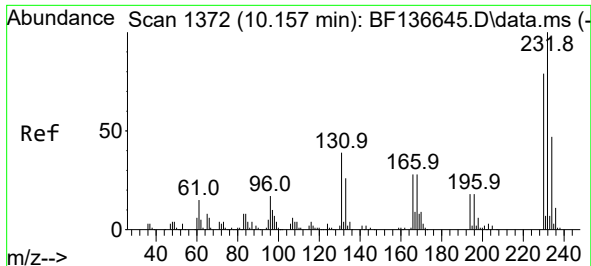
Ion Ratio Lower Upper

166 100

165 93.0 73.7 110.5

167 13.3 10.4 15.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.402 ng

RT: 10.145 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:232 Resp: 84647

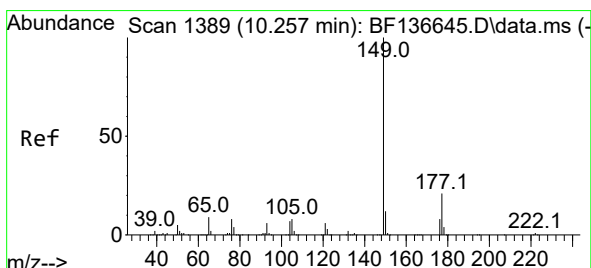
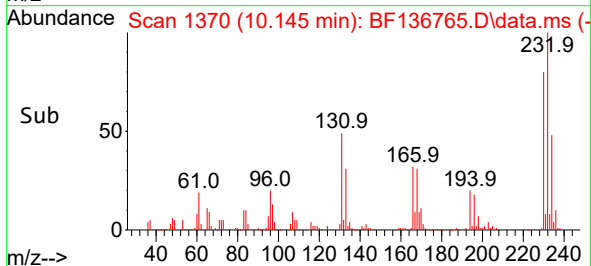
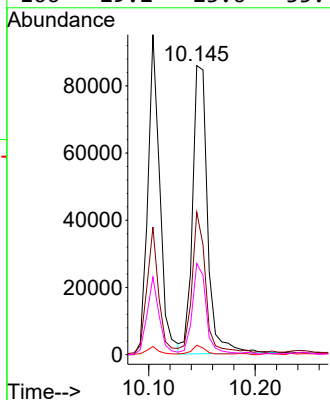
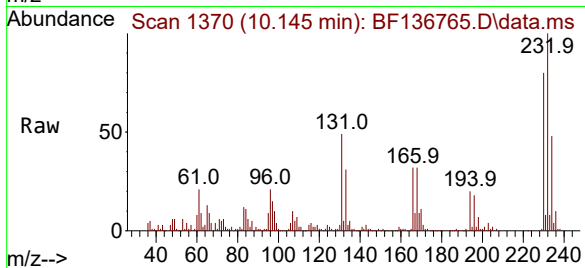
Ion Ratio Lower Upper

232 100

131 43.6 35.1 52.7

130 2.6 1.6 2.4#

166 29.2 23.6 35.4



#60

Diethylphthalate

Concen: 41.876 ng

RT: 10.245 min Scan# 1387

Delta R.T. -0.012 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

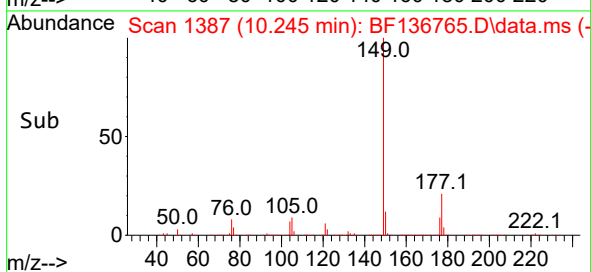
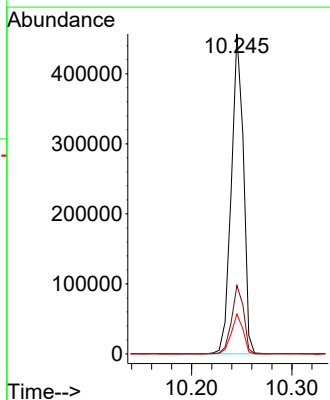
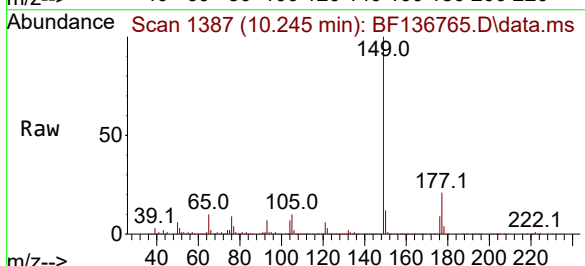
Tgt Ion:149 Resp: 380836

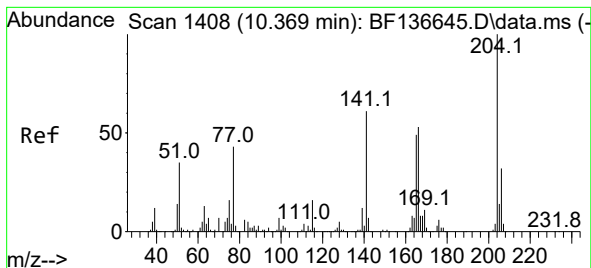
Ion Ratio Lower Upper

149 100

177 21.4 16.9 25.3

150 12.4 9.3 13.9

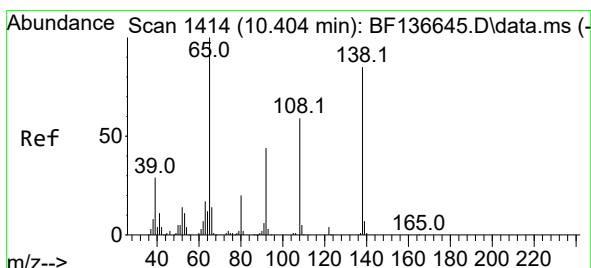
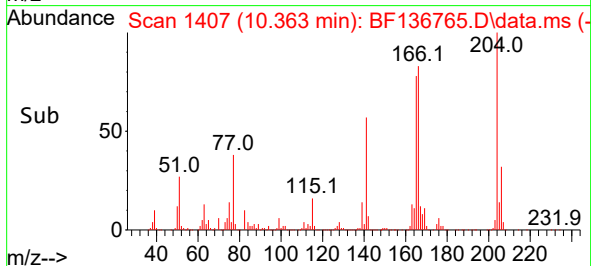
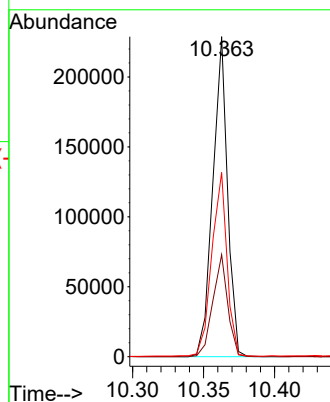
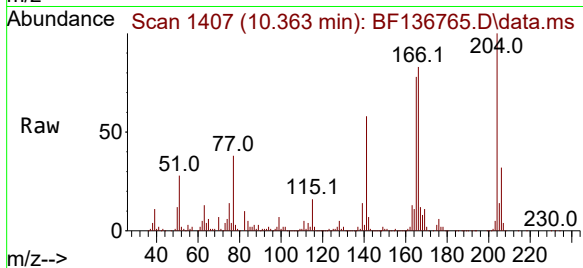




#61
4-Chlorophenyl-phenylether
Concen: 38.984 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

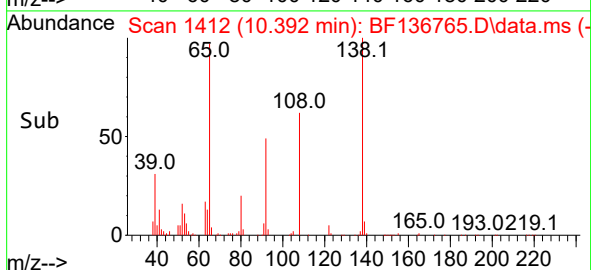
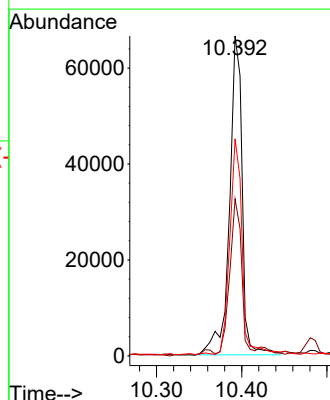
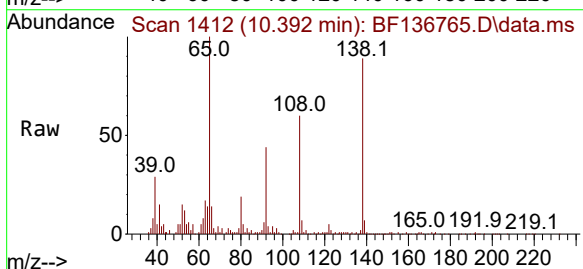
Instrument :
BNA_F
ClientSampleId :

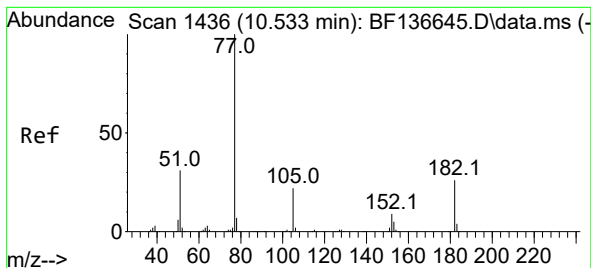
Tgt Ion:204 Resp: 165313
Ion Ratio Lower Upper
204 100
206 31.9 25.6 38.4
141 57.5 48.4 72.6



#62
4-Nitroaniline
Concen: 33.881 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

Tgt Ion:138 Resp: 68828
Ion Ratio Lower Upper
138 100
92 49.1 32.1 72.1
108 67.9 50.1 90.1





#63

Azobenzene

Concen: 37.389 ng

RT: 10.522 min Scan# 1436

Delta R.T. -0.012 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 77 Resp: 317592

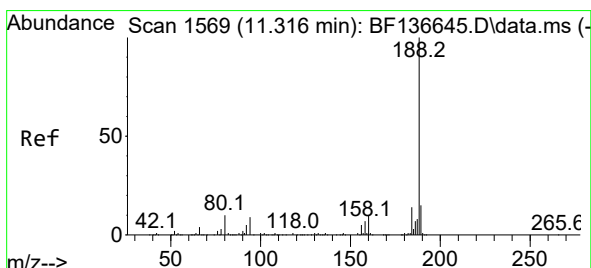
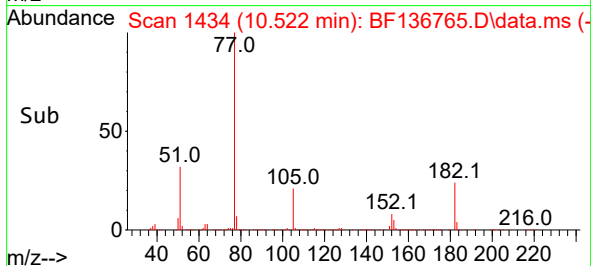
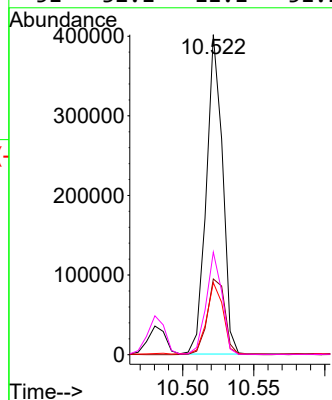
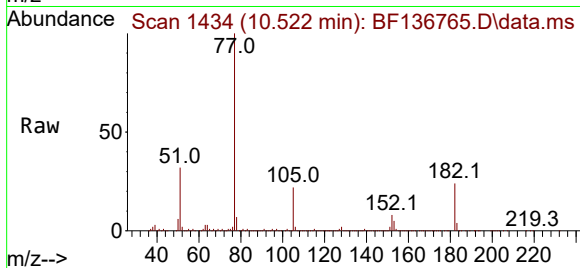
Ion Ratio Lower Upper

77 100

182 23.6 6.0 46.0

105 22.5 2.3 42.3

51 32.1 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: BF136765.D

Acq: 27 Dec 2023 18:56

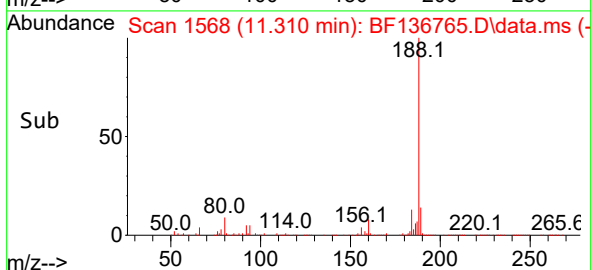
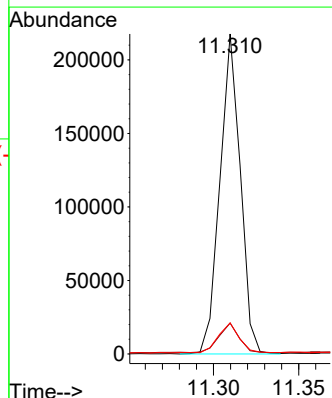
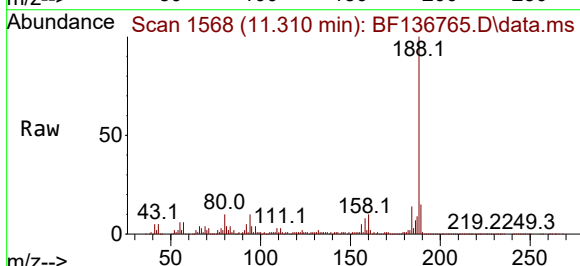
Tgt Ion: 188 Resp: 181590

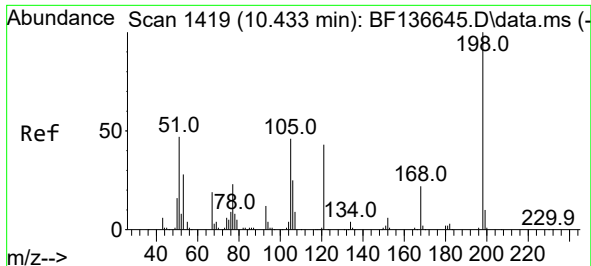
Ion Ratio Lower Upper

188 100

94 9.7 7.5 11.3

80 9.7 8.1 12.1

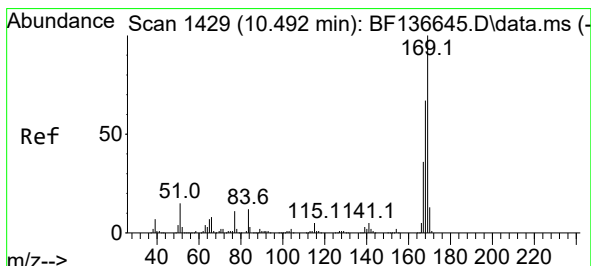
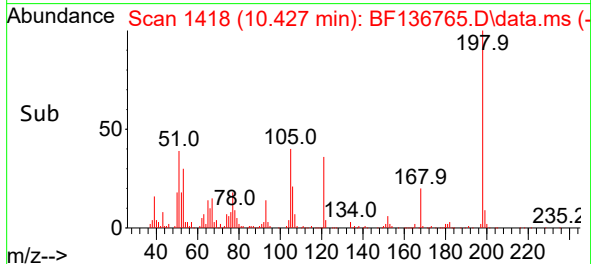
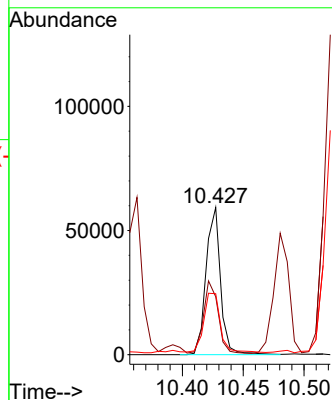
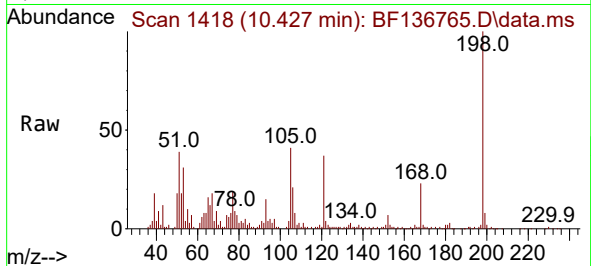




#65
4,6-Dinitro-2-methylphenol
Concen: 47.185 ng
RT: 10.427 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

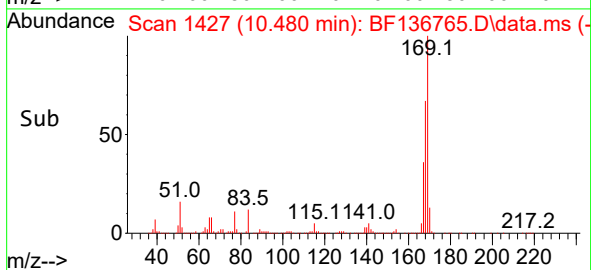
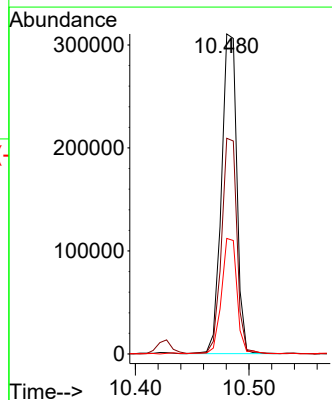
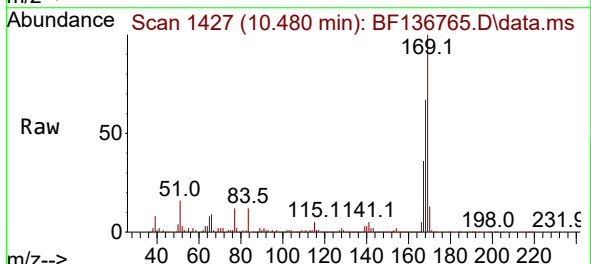
Instrument :
BNA_F
ClientSampleId :

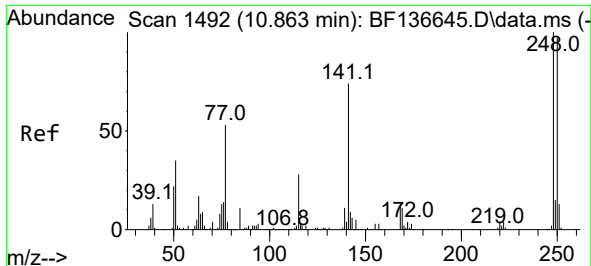
Tgt Ion:198 Resp: 49105
Ion Ratio Lower Upper
198 100
51 39.4 34.1 74.1
105 41.4 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 49.617 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

Tgt Ion:169 Resp: 292685
Ion Ratio Lower Upper
169 100
168 67.4 53.8 80.6
167 36.1 28.7 43.1

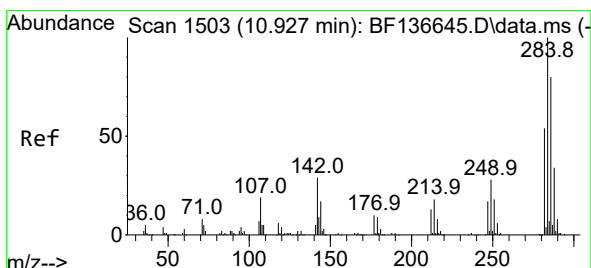
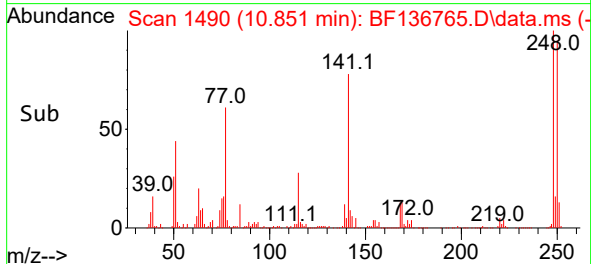
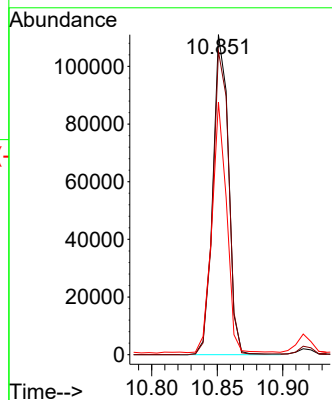
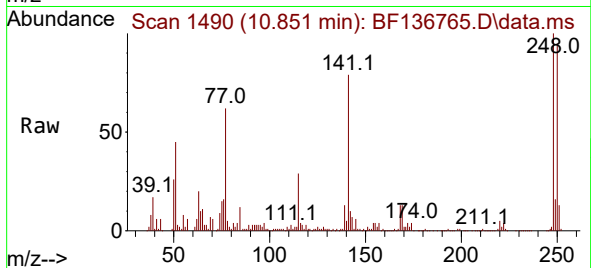




#67
4-Bromophenyl-phenylether
Concen: 45.809 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

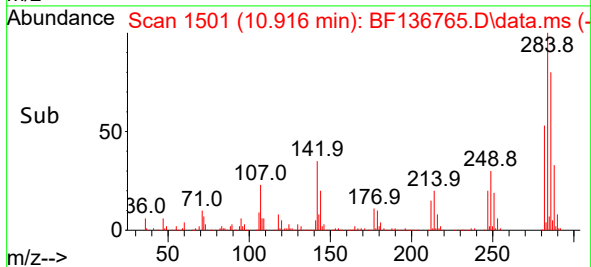
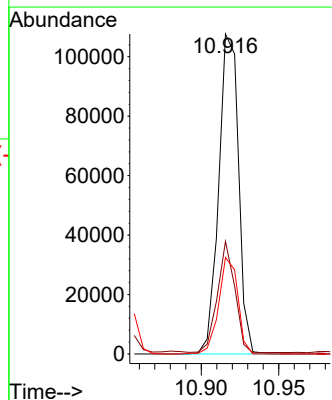
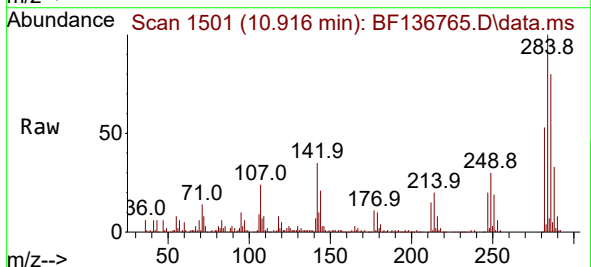
Instrument :
BNA_F
ClientSampleId :

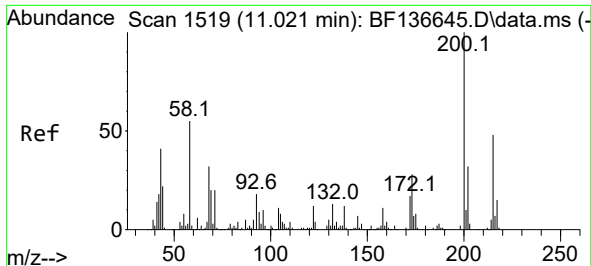
Tgt Ion:248 Resp: 92383
Ion Ratio Lower Upper
248 100
250 94.8 77.8 116.6
141 79.0 59.2 88.8



#68
Hexachlorobenzene
Concen: 42.570 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.012 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

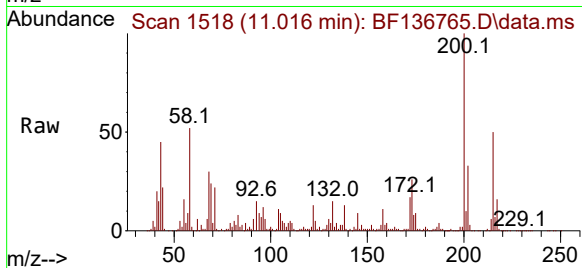
Tgt Ion:284 Resp: 95673
Ion Ratio Lower Upper
284 100
142 35.2 23.4 35.0#
249 30.2 22.3 33.5



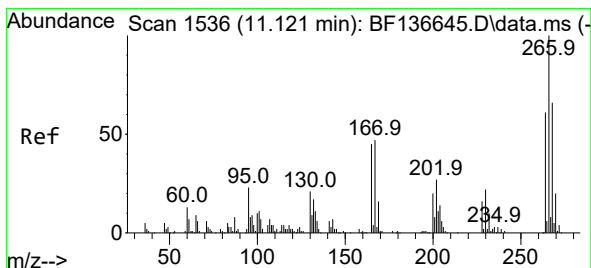
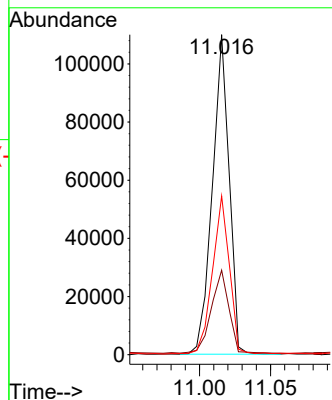
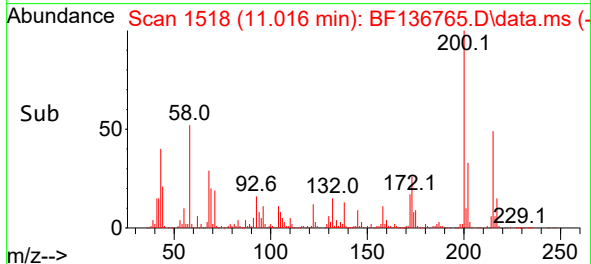


#69
 Atrazine
 Concen: 59.706 ng
 RT: 11.016 min Scan# 1518
 Delta R.T. -0.006 min
 Lab File: BF136765.D
 Acq: 27 Dec 2023 18:56

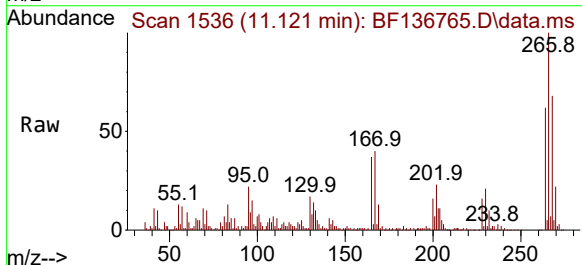
Instrument :
 BNA_F
 ClientSampleId :



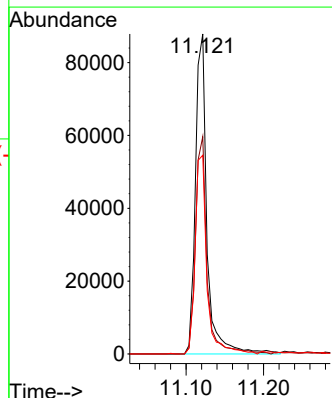
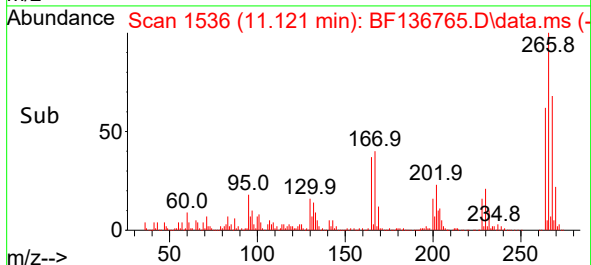
Tgt Ion:200 Resp: 90082
 Ion Ratio Lower Upper
 200 100
 173 26.4 7.6 47.6
 215 49.6 28.3 68.3

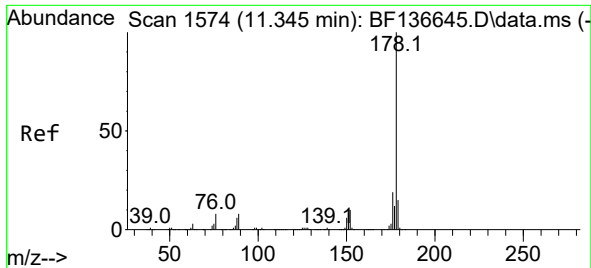


#70
 Pentachlorophenol
 Concen: 86.956 ng
 RT: 11.121 min Scan# 1536
 Delta R.T. 0.000 min
 Lab File: BF136765.D
 Acq: 27 Dec 2023 18:56



Tgt Ion:266 Resp: 91091
 Ion Ratio Lower Upper
 266 100
 268 67.9 52.6 78.8
 264 62.1 49.0 73.4

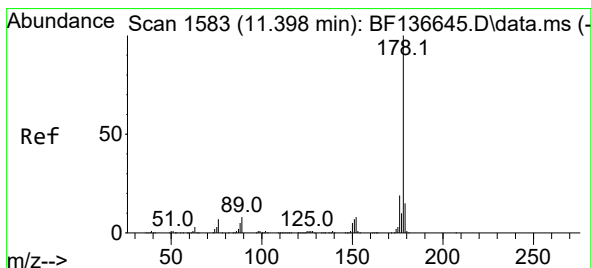
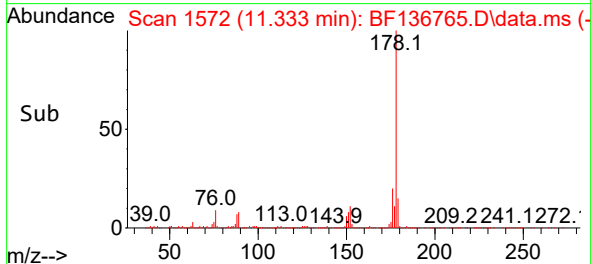
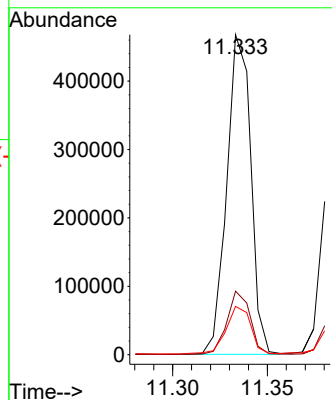
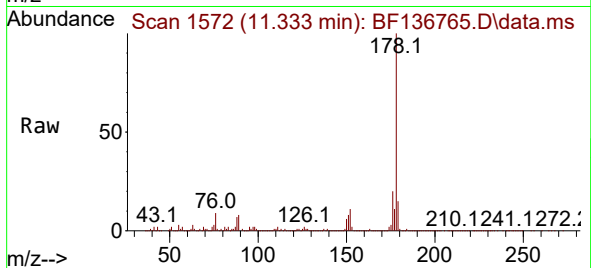




#71
Phenanthrene
Concen: 44.314 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

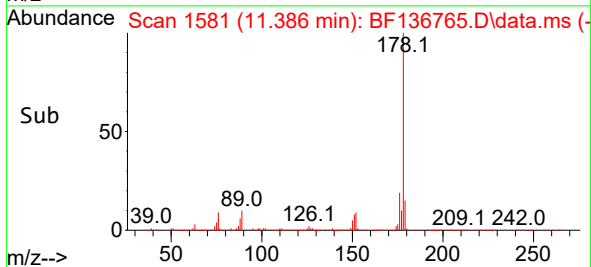
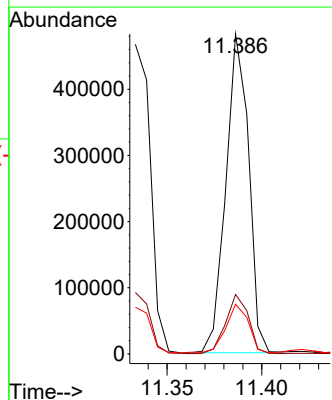
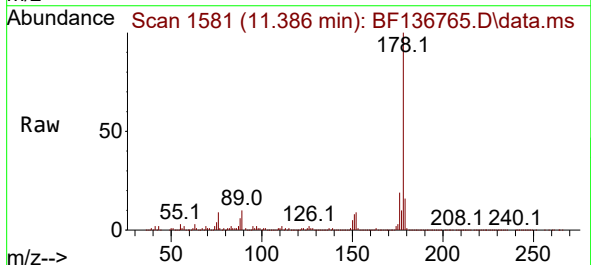
Instrument :
BNA_F
ClientSampleId :

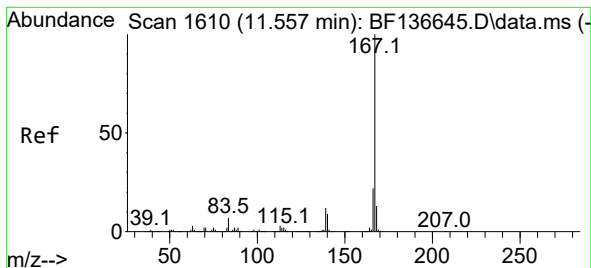
Tgt Ion:178 Resp: 412895
Ion Ratio Lower Upper
178 100
176 19.9 15.3 22.9
179 15.1 11.9 17.9



#72
Anthracene
Concen: 42.903 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

Tgt Ion:178 Resp: 404839
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.6 11.8 17.6





#73

Carbazole

Concen: 42.070 ng

RT: 11.545 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

Instrument :

BNA_F

ClientSampleId :

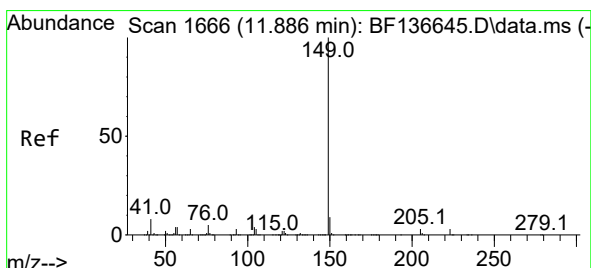
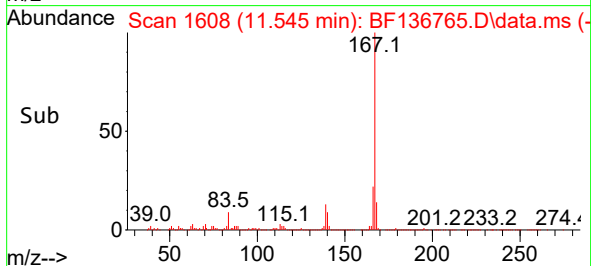
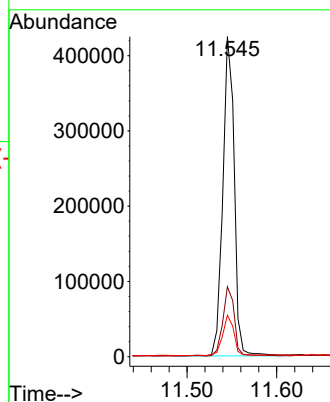
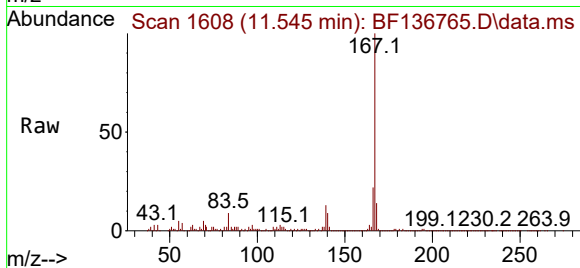
Tgt Ion:167 Resp: 374274

Ion Ratio Lower Upper

167 100

166 21.9 17.3 25.9

139 13.0 9.8 14.6



#74

Di-n-butylphthalate

Concen: 44.527 ng

RT: 11.880 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

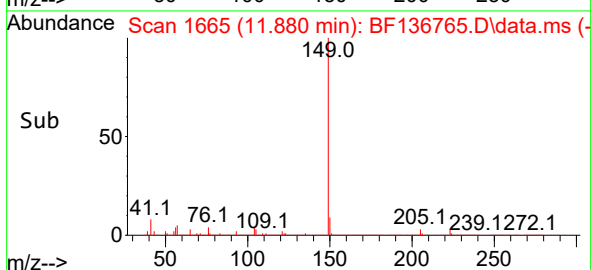
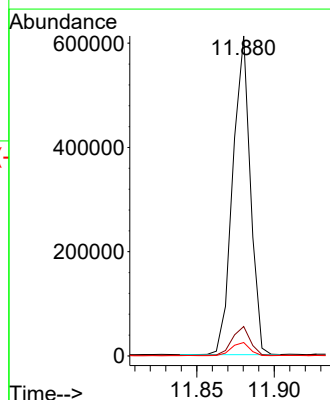
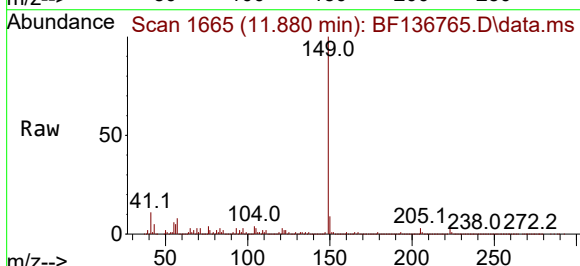
Tgt Ion:149 Resp: 483386

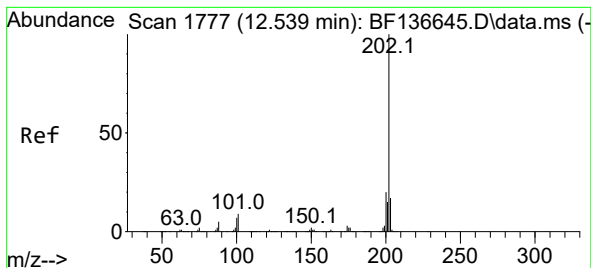
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 4.2 3.6 5.4





#75

Fluoranthene

Concen: 40.052 ng

RT: 12.533 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

Instrument :

BNA_F

ClientSampleId :

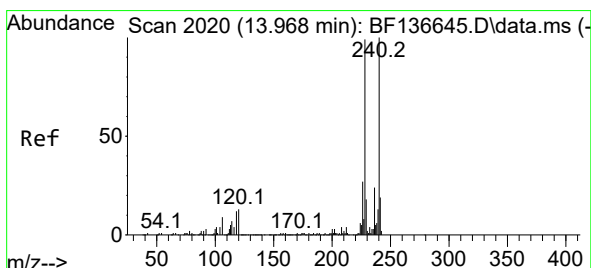
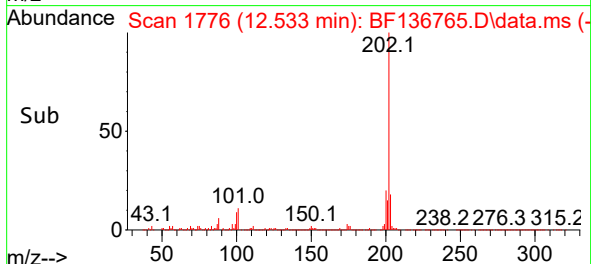
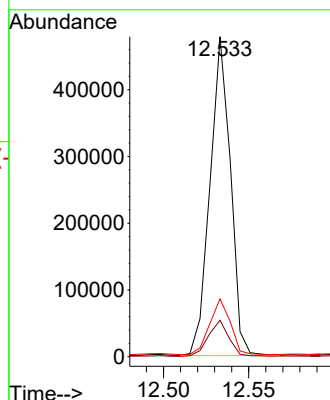
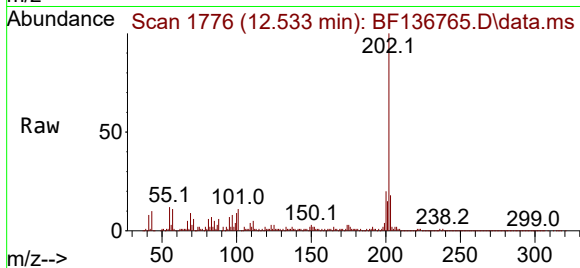
Tgt Ion:202 Resp: 399180

Ion Ratio Lower Upper

202 100

101 11.4 0.0 29.3

203 18.0 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: BF136765.D

Acq: 27 Dec 2023 18:56

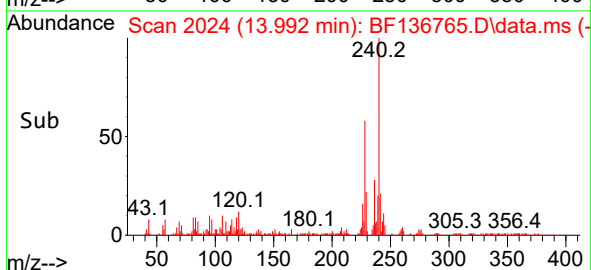
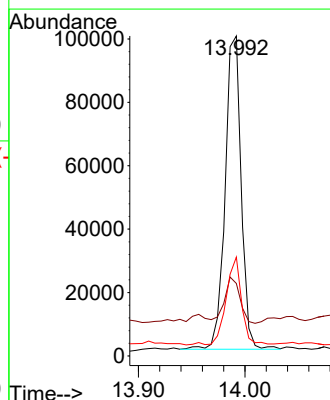
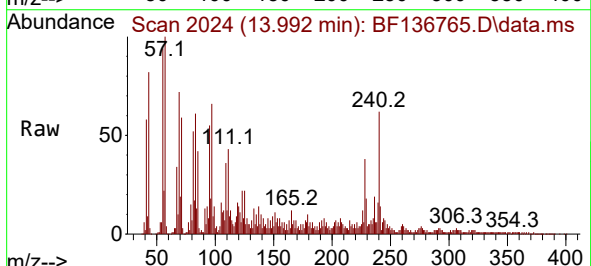
Tgt Ion:240 Resp: 103564

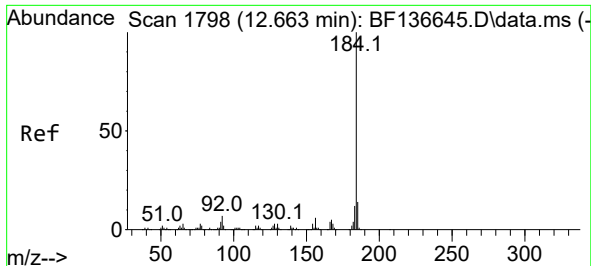
Ion Ratio Lower Upper

240 100

120 22.7 10.3 15.5#

236 30.9 19.4 29.2#

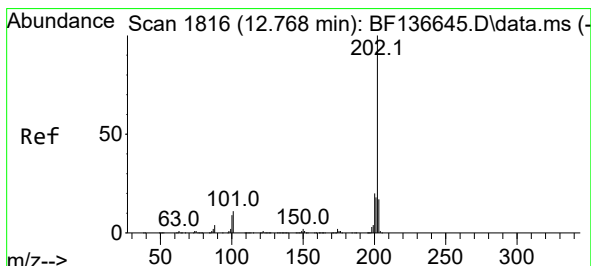
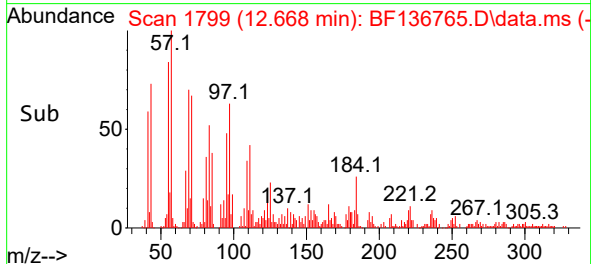
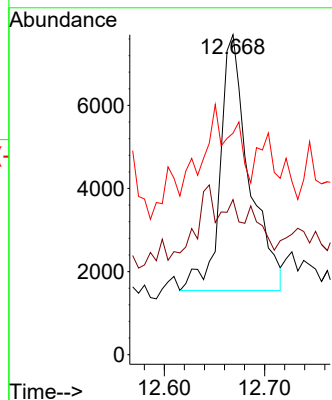
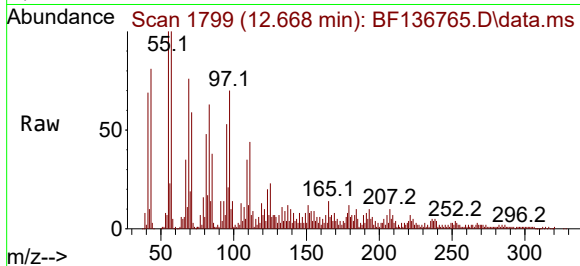




#77
Benzidine
Concen: 4.053 ng
RT: 12.668 min Scan# 1799
Delta R.T. 0.006 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

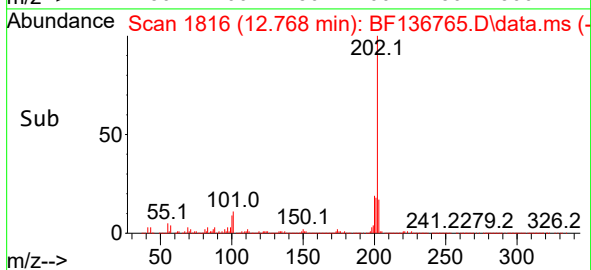
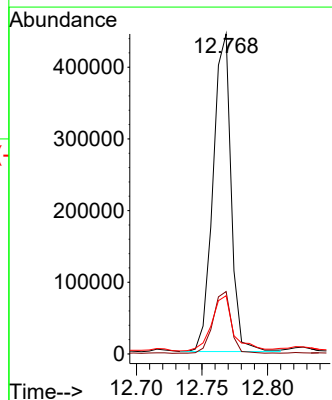
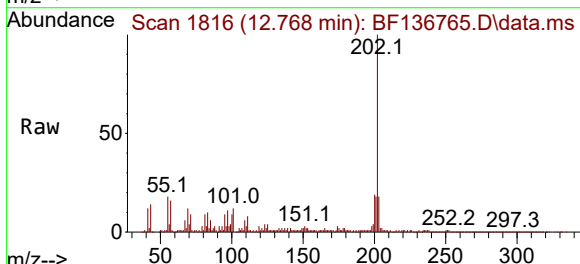
Instrument :
BNA_F
ClientSampleId :

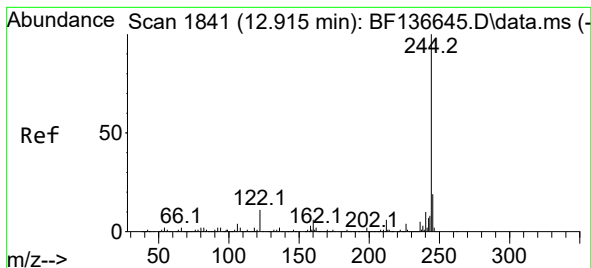
Tgt Ion:184 Resp: 12378
Ion Ratio Lower Upper
184 100
185 48.4 11.2 16.8#
183 69.2 9.3 13.9#



#78
Pyrene
Concen: 41.763 ng
RT: 12.768 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF136765.D
Acq: 27 Dec 2023 18:56

Tgt Ion:202 Resp: 424584
Ion Ratio Lower Upper
202 100
200 19.5 15.9 23.9
203 18.2 13.8 20.6





#79

Terphenyl-d14

Concen: 59.905 ng

RT: 12.915 min Scan# 1841

Delta R.T. 0.000 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

Instrument :

BNA_F

ClientSampleId :

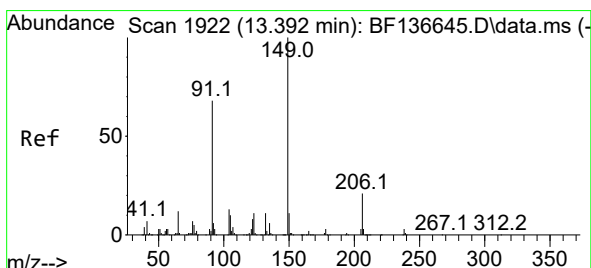
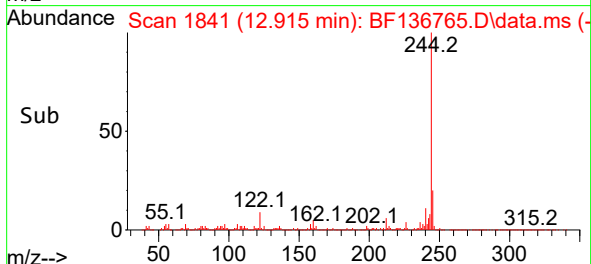
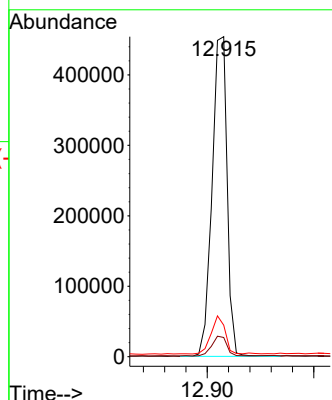
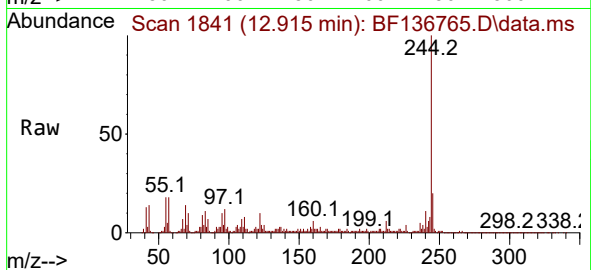
Tgt Ion:244 Resp: 443945

Ion Ratio Lower Upper

244 100

212 6.0 5.0 7.4

122 9.8 9.0 13.4



#80

Butylbenzylphthalate

Concen: 43.370 ng

RT: 13.398 min Scan# 1923

Delta R.T. 0.006 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

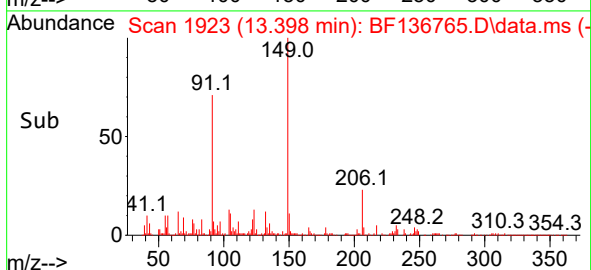
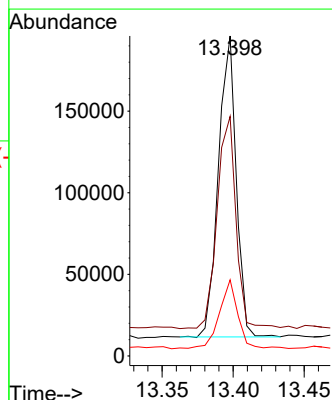
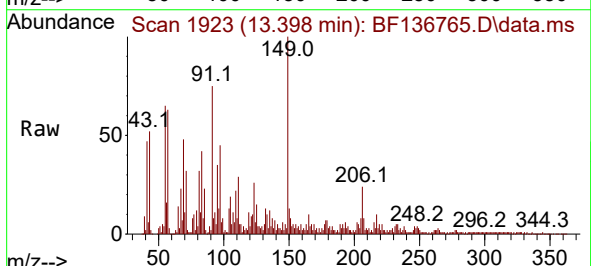
Tgt Ion:149 Resp: 160441

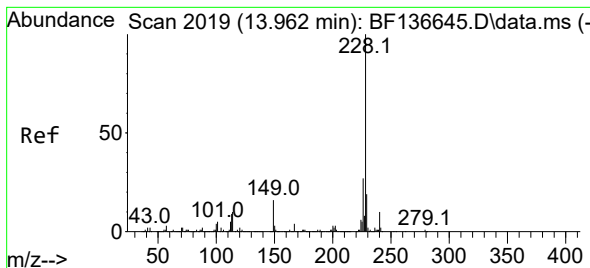
Ion Ratio Lower Upper

149 100

91 74.9 54.1 81.1

206 23.8 17.1 25.7





#81

Benzo(a)anthracene

Concen: 51.262 ng

RT: 13.980 min Scan# 2015

Delta R.T. 0.018 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

Instrument :

BNA_F

ClientSampleId :

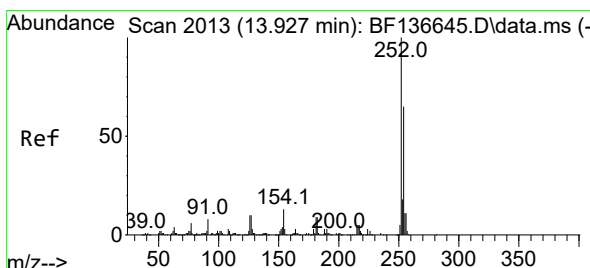
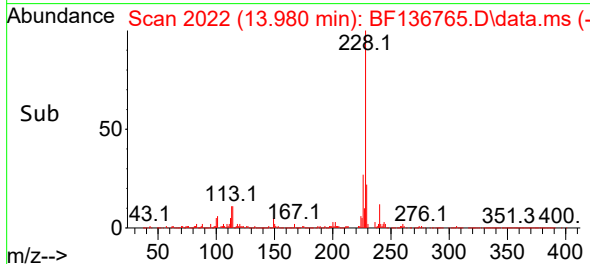
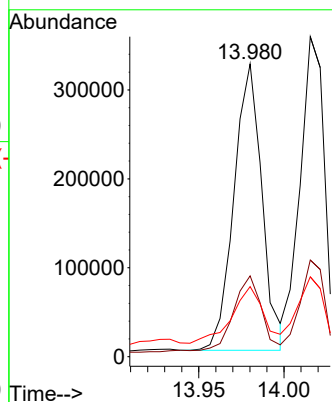
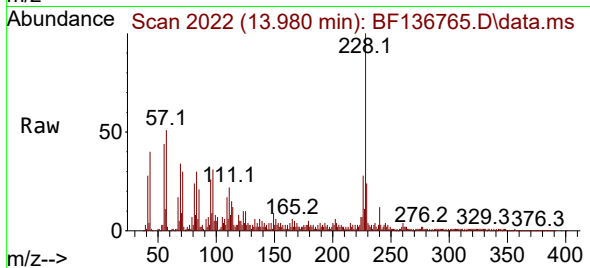
Tgt Ion:228 Resp: 368647

Ion Ratio Lower Upper

228 100

226 27.6 21.4 32.0

229 23.9 14.9 22.3#



#82

3,3'-Dichlorobenzidine

Concen: 37.284 ng

RT: 13.939 min Scan# 2015

Delta R.T. 0.012 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

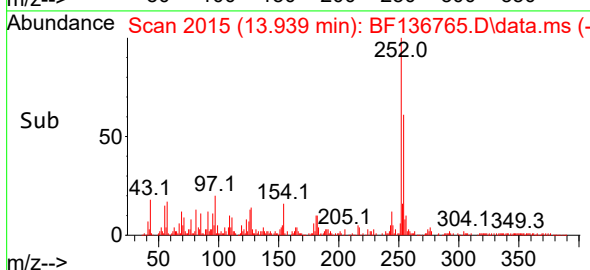
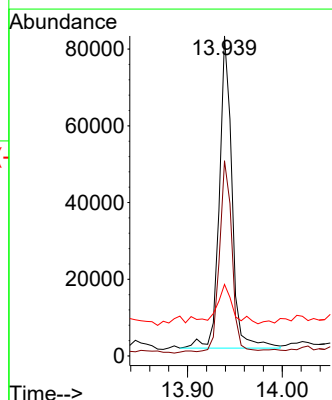
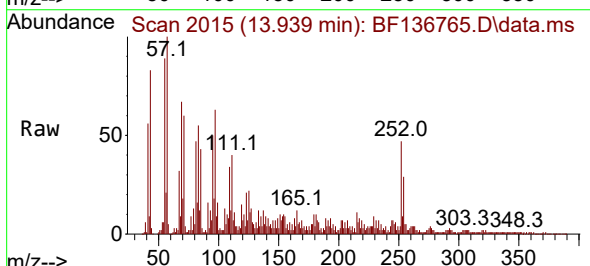
Tgt Ion:252 Resp: 76145

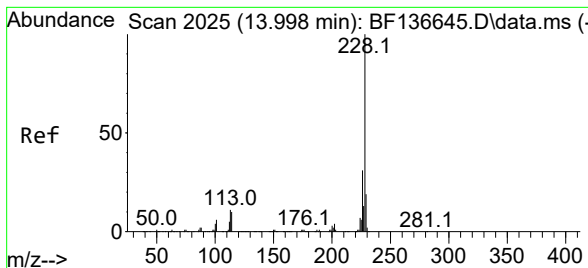
Ion Ratio Lower Upper

252 100

254 61.0 52.2 78.4

126 22.4 8.0 12.0#





#83

Chrysene

Concen: 50.619 ng

RT: 14.015 min Scan# 20

Delta R.T. 0.018 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

Instrument :

BNA_F

ClientSampleId :

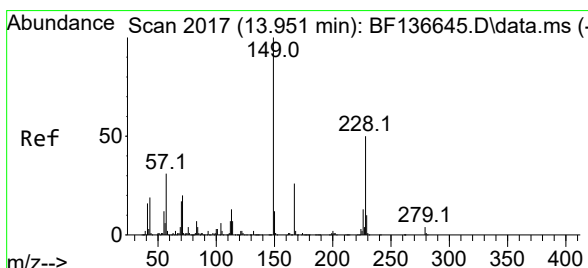
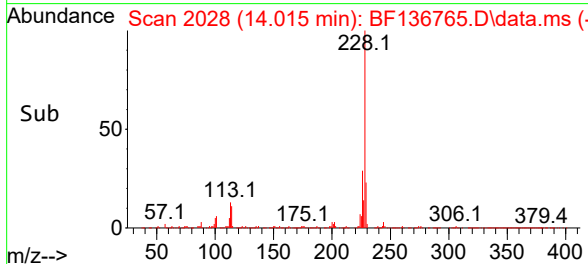
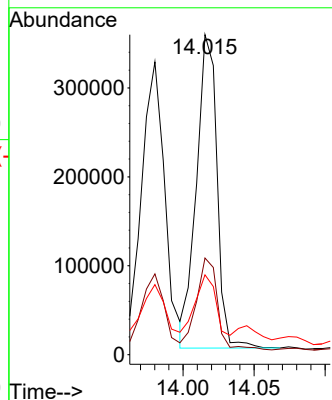
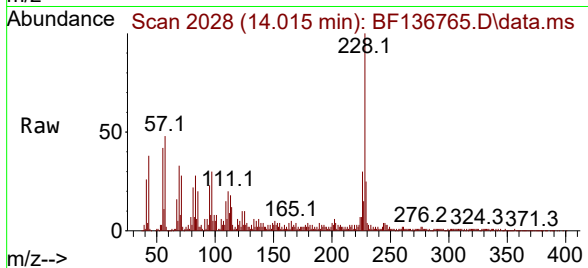
Tgt Ion:228 Resp: 355973

Ion Ratio Lower Upper

228 100

226 30.2 24.7 37.1

229 25.0 15.4 23.0#



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.198 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.018 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

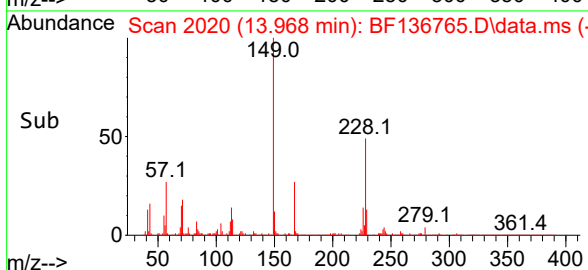
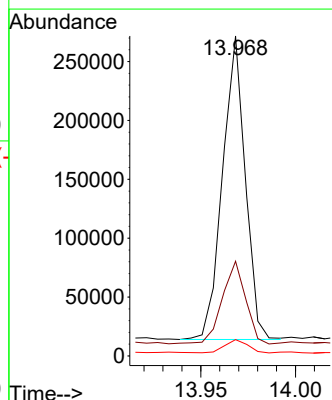
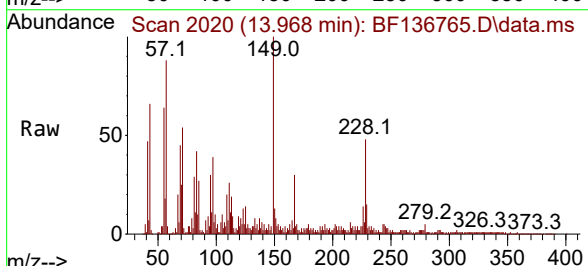
Tgt Ion:149 Resp: 215026

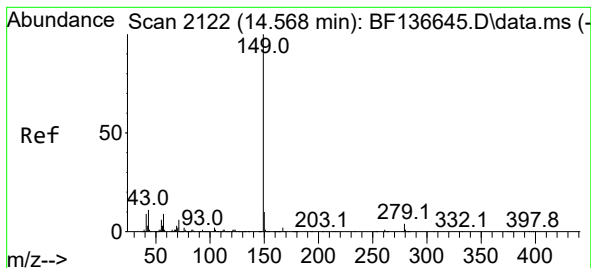
Ion Ratio Lower Upper

149 100

167 29.6 20.9 31.3

279 5.1 2.9 4.3#





#85

Di-n-octyl phthalate

Concen: 53.534 ng

RT: 14.592 min Scan# 2122

Delta R.T. 0.024 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

Instrument :

BNA_F

ClientSampleId :

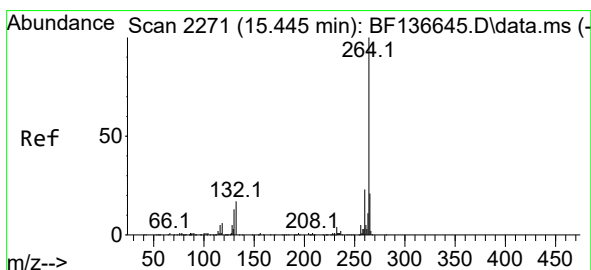
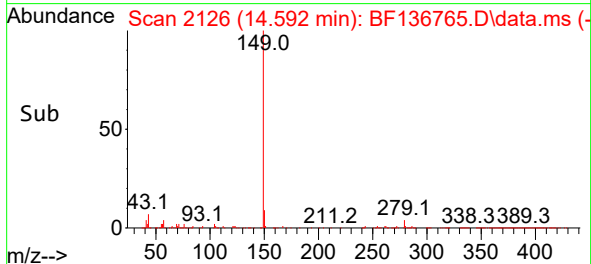
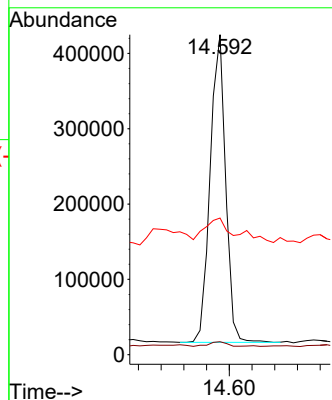
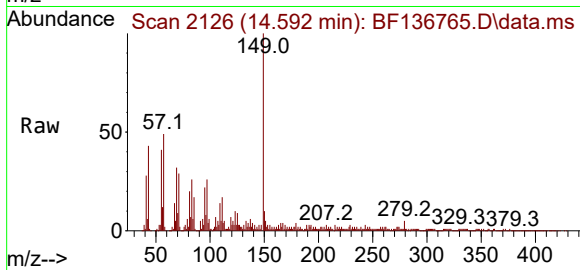
Tgt Ion:149 Resp: 385429

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 9.7 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2280

Delta R.T. 0.053 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

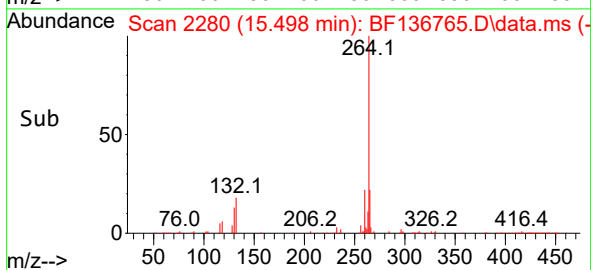
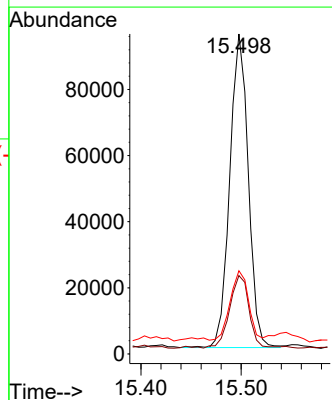
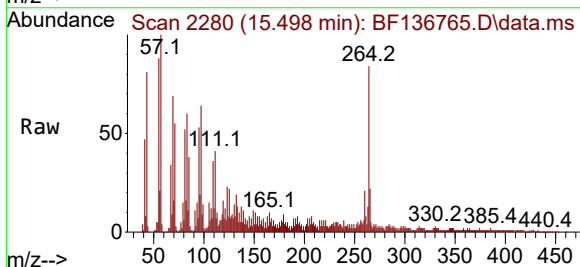
Tgt Ion:264 Resp: 121257

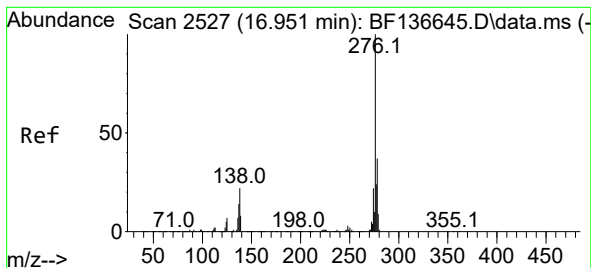
Ion Ratio Lower Upper

264 100

260 24.5 18.3 27.5

265 26.0 17.0 25.6#





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.874 ng

RT: 17.015 min Scan# 21

Delta R.T. 0.065 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

Instrument :

BNA_F

ClientSampleId :

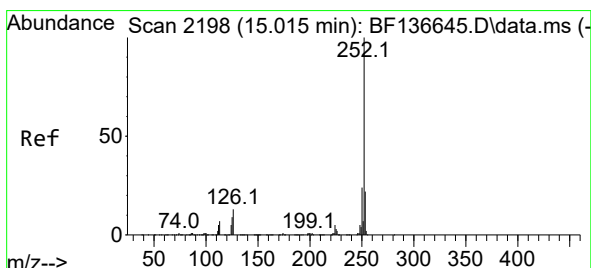
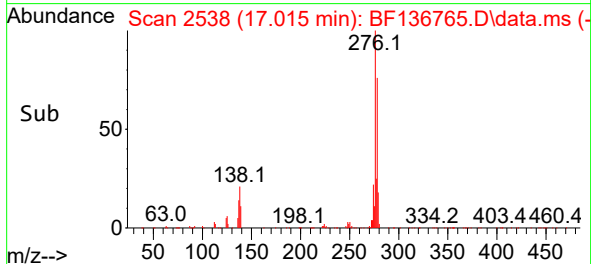
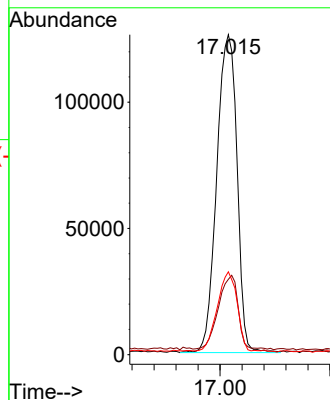
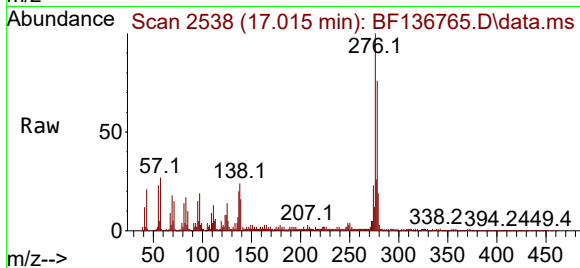
Tgt Ion:276 Resp: 322827

Ion Ratio Lower Upper

276 100

138 23.0 18.7 28.1

277 25.4 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 42.856 ng

RT: 15.057 min Scan# 2205

Delta R.T. 0.041 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

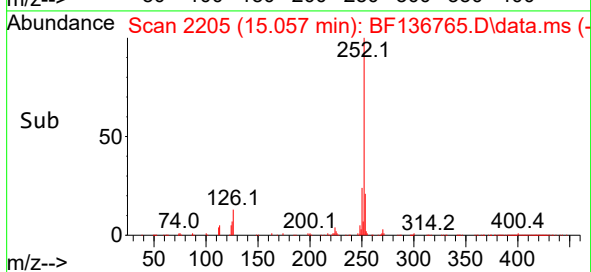
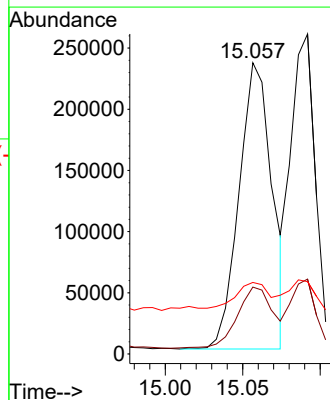
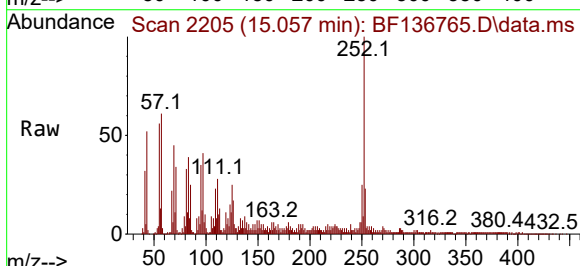
Tgt Ion:252 Resp: 347085

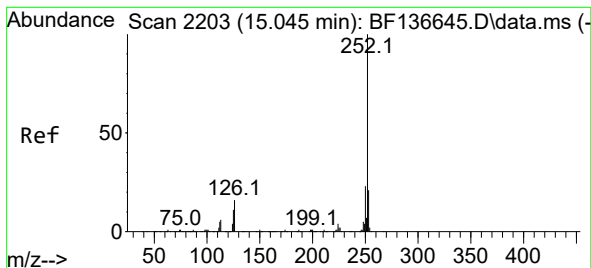
Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.0

125 24.6 7.4 11.2#





#89

Benzo(k)fluoranthene

Concen: 36.943 ng

RT: 15.092 min Scan# 21

Delta R.T. 0.047 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

Instrument :

BNF

ClientSampleId :

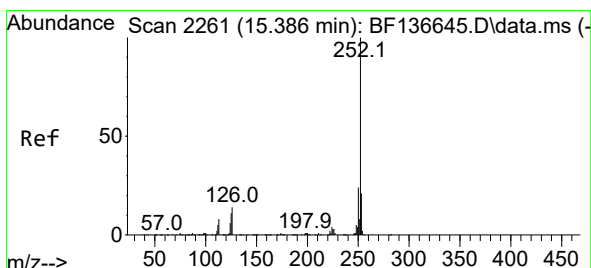
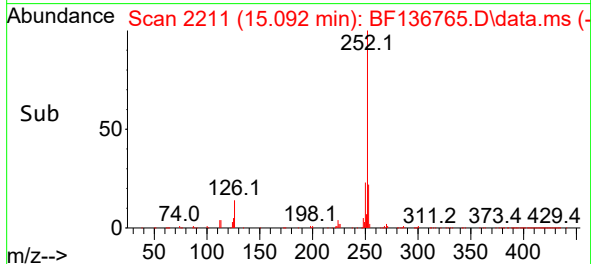
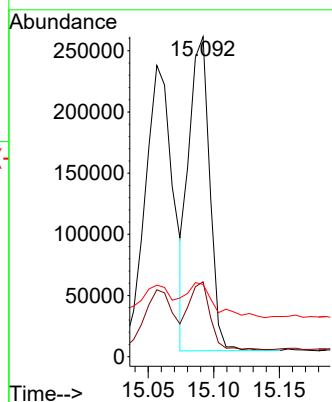
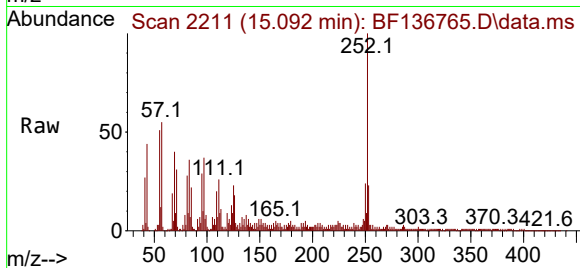
Tgt Ion:252 Resp: 282711

Ion Ratio Lower Upper

252 100

253 23.4 17.0 25.6

125 22.6 8.2 12.4#



#90

Benzo(a)pyrene

Concen: 42.266 ng

RT: 15.439 min Scan# 2270

Delta R.T. 0.053 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

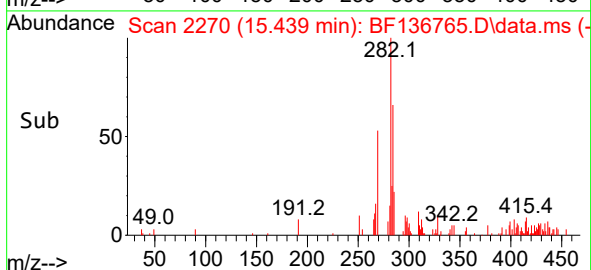
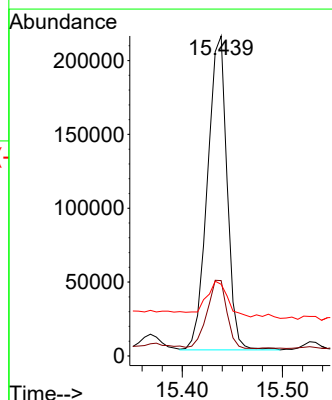
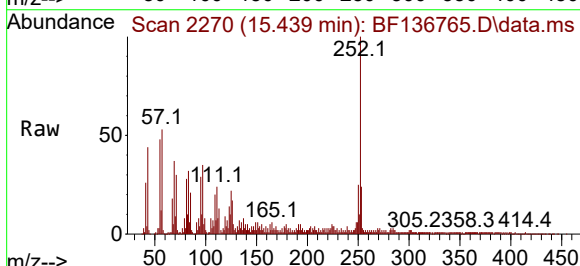
Tgt Ion:252 Resp: 288946

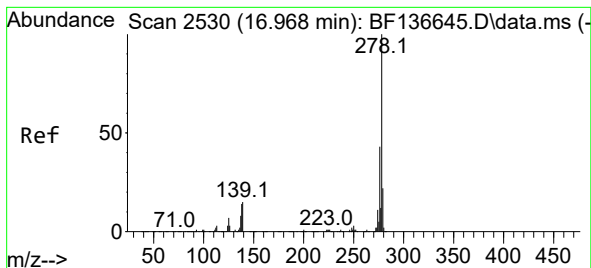
Ion Ratio Lower Upper

252 100

253 23.6 17.0 25.6

125 22.4 8.8 13.2#





#91

Dibenzo(a,h)anthracene

Concen: 37.157 ng

RT: 17.027 min Scan# 21

Delta R.T. 0.059 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

Instrument :

BNA_F

ClientSampleId :

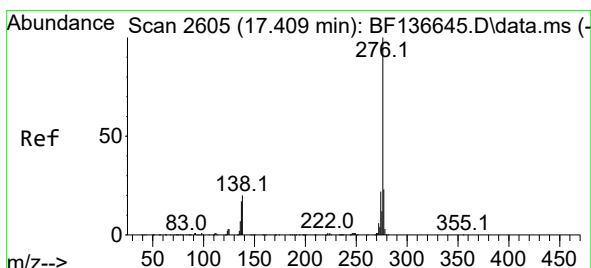
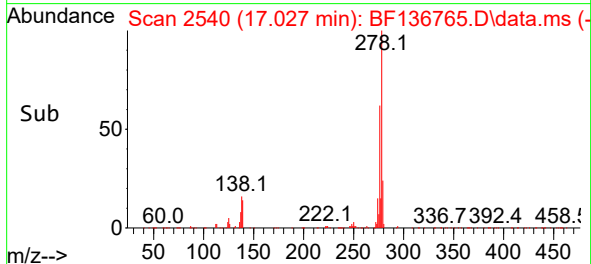
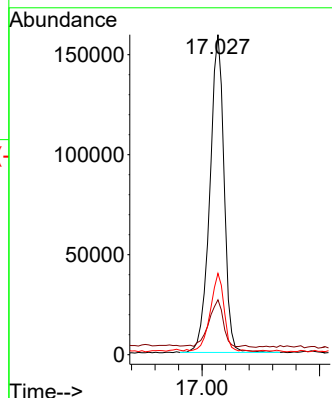
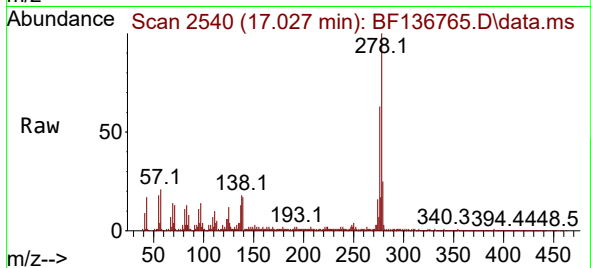
Tgt Ion:278 Resp: 266882

Ion Ratio Lower Upper

278 100

139 17.2 12.2 18.4

279 25.4 17.8 26.6



#92

Benzo(g,h,i)perylene

Concen: 32.703 ng

RT: 17.468 min Scan# 2615

Delta R.T. 0.059 min

Lab File: BF136765.D

Acq: 27 Dec 2023 18:56

Tgt Ion:276 Resp: 240577

Ion Ratio Lower Upper

276 100

277 23.0 18.3 27.5

138 19.2 15.6 23.4

