

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
 Data File : BF136165.D
 Acq On : 06 Nov 2023 21:01
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Nov 07 01:26:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 00:53:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	76241	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	274594	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	132080	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	205918	20.000	ng	0.00
76) Chrysene-d12	14.010	240	164973	20.000	ng	0.00
86) Perylene-d12	15.498	264	159442	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	382546	78.847	ng	0.00
7) Phenol-d6	6.451	99	456308	75.485	ng	0.00
23) Nitrobenzene-d5	7.387	82	411327	90.300	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	110151	78.133	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	775475	93.594	ng	0.00
79) Terphenyl-d14	12.951	244	705946	66.500	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	74208	35.125	ng	98
3) Pyridine	3.316	79	202531	35.121	ng	96
4) n-Nitrosodimethylamine	3.287	42	95191	39.481	ng	# 85
6) Aniline	6.487	93	288094	36.811	ng	99
8) 2-Chlorophenol	6.604	128	199082	38.380	ng	98
9) Benzaldehyde	6.375	77	129560	38.437	ng	99
10) Phenol	6.469	94	249598	39.920	ng	93
11) bis(2-Chloroethyl)ether	6.563	93	180438	36.863	ng	99
12) 1,3-Dichlorobenzene	6.763	146	209805	38.862	ng	96
13) 1,4-Dichlorobenzene	6.840	146	212892	39.349	ng	98
14) 1,2-Dichlorobenzene	6.992	146	198202	39.178	ng	99
15) Benzyl Alcohol	6.963	79	173807	40.550	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.098	45	237787	35.294	ng	99
17) 2-Methylphenol	7.075	107	166787	37.903	ng	96
18) Hexachloroethane	7.328	117	75568	39.739	ng	96
19) n-Nitroso-di-n-propyla...	7.234	70	130675	37.833	ng	95
20) 3+4-Methylphenols	7.228	107	207391	38.650	ng	94
22) Acetophenone	7.228	105	265739	43.643	ng	# 87
24) Nitrobenzene	7.404	77	202387	43.925	ng	97
25) Isophorone	7.639	82	350721	40.784	ng	99
26) 2-Nitrophenol	7.716	139	99430	47.298	ng	91
27) 2,4-Dimethylphenol	7.757	122	163957	41.273	ng	99
28) bis(2-Chloroethoxy)met...	7.851	93	208734	39.615	ng	98
29) 2,4-Dichlorophenol	7.957	162	156925	41.903	ng	99
30) 1,2,4-Trichlorobenzene	8.039	180	176280	43.149	ng	97
31) Naphthalene	8.122	128	555399	41.944	ng	99
32) Benzoic acid	7.857	122	81649	28.038	ng	99
33) 4-Chloroaniline	8.175	127	234233	40.393	ng	98
34) Hexachlorobutadiene	8.239	225	107032	45.684	ng	99
35) Caprolactam	8.539	113	46465	38.158	ng	91
36) 4-Chloro-3-methylphenol	8.651	107	165922	42.202	ng	97
37) 2-Methylnaphthalene	8.816	142	370683	41.750	ng	98
38) 1-Methylnaphthalene	8.916	142	343160	41.532	ng	99
40) 1,2,4,5-Tetrachloroben...	8.981	216	171642	45.567	ng	99
41) Hexachlorocyclopentadiene	8.969	237	55404	27.531	ng	98
43) 2,4,6-Trichlorophenol	9.092	196	104497	42.547	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
 Data File : BF136165.D
 Acq On : 06 Nov 2023 21:01
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

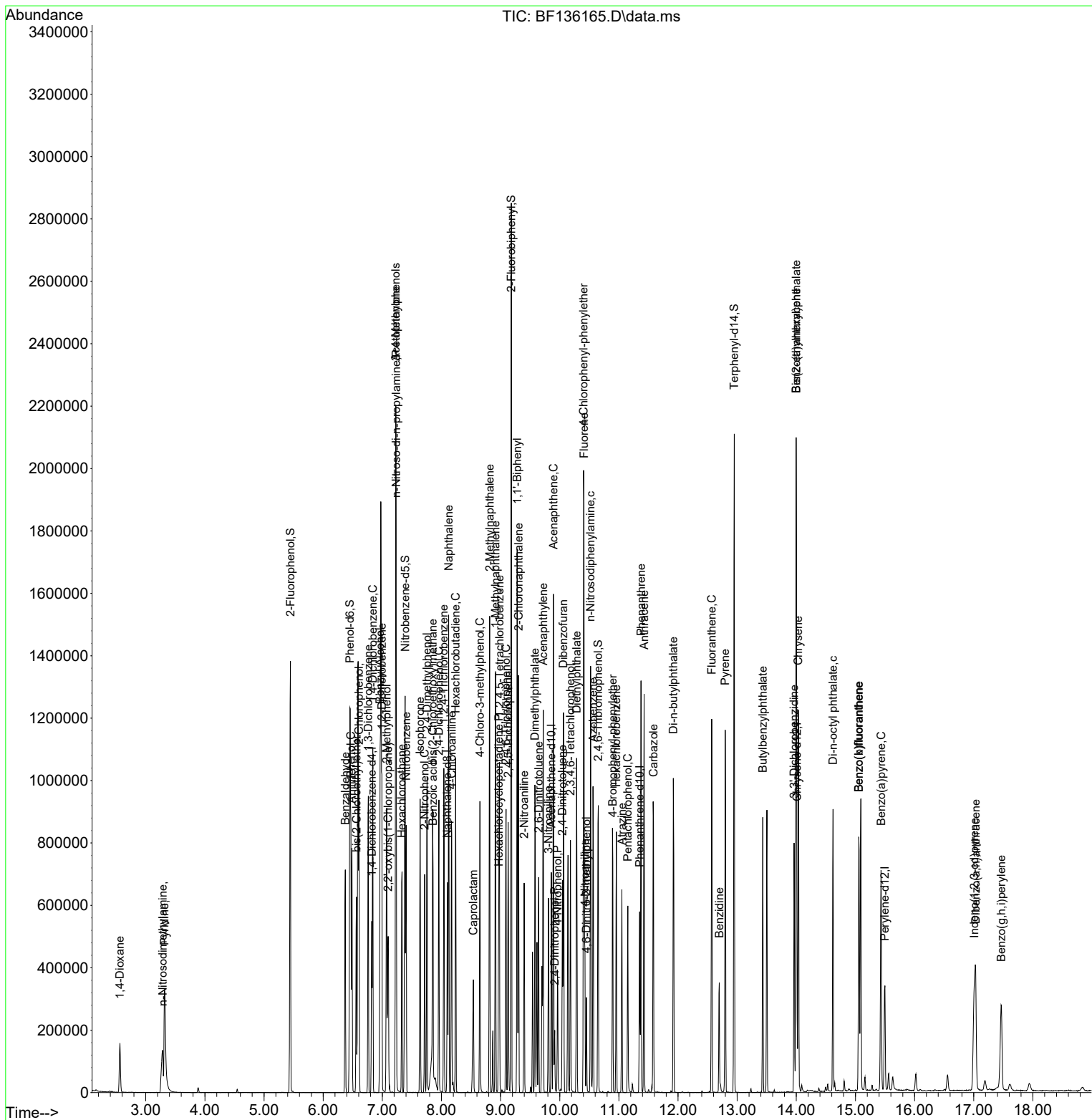
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

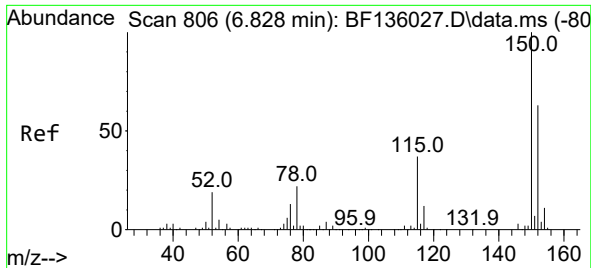
Quant Time: Nov 07 01:26:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 00:53:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	120588	42.386	ng	96
46) 1,1'-Biphenyl	9.281	154	445228	44.219	ng	97
47) 2-Chloronaphthalene	9.304	162	322875	43.499	ng	98
48) 2-Nitroaniline	9.398	65	99142	45.132	ng	98
49) Acenaphthylene	9.722	152	488561	42.192	ng	99
50) Dimethylphthalate	9.581	163	392227	45.020	ng	100
51) 2,6-Dinitrotoluene	9.645	165	80188	43.034	ng	98
52) Acenaphthene	9.892	154	317798	43.172	ng	99
53) 3-Nitroaniline	9.810	138	90063	41.424	ng	92
54) 2,4-Dinitrophenol	9.916	184	22140	27.714	ng	92
55) Dibenzofuran	10.063	168	450760	41.995	ng	94
56) 4-Nitrophenol	9.963	139	57580	35.405	ng	# 71
57) 2,4-Dinitrotoluene	10.045	165	101684	43.131	ng	96
58) Fluorene	10.410	166	336610	41.885	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.180	232	86921	38.429	ng	# 96
60) Diethylphthalate	10.286	149	364960	43.843	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	173444	43.235	ng	96
62) 4-Nitroaniline	10.428	138	80602	38.499	ng	91
63) Azobenzene	10.563	77	321120	40.056	ng	98
65) 4,6-Dinitro-2-methylph...	10.451	198	34832	32.862	ng	78
66) n-Nitrosodiphenylamine	10.522	169	296921	47.800	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	101752	47.131	ng	98
68) Hexachlorobenzene	10.957	284	102305	44.370	ng	94
69) Atrazine	11.051	200	70167	41.516	ng	96
70) Pentachlorophenol	11.151	266	59718	40.328	ng	98
71) Phenanthrene	11.375	178	450050	43.407	ng	99
72) Anthracene	11.427	178	452080	42.552	ng	100
73) Carbazole	11.586	167	382256	41.405	ng	99
74) Di-n-butylphthalate	11.922	149	479218	45.427	ng	99
75) Fluoranthene	12.569	202	450781	42.322	ng	98
77) Benzidine	12.698	184	140235	43.613	ng	99
78) Pyrene	12.798	202	466401	32.066	ng	99
80) Butylbenzylphthalate	13.433	149	178905	34.363	ng	96
81) Benzo(a)anthracene	13.998	228	452828	41.461	ng	100
82) 3,3'-Dichlorobenzidine	13.963	252	160521	46.049	ng	99
83) Chrysene	14.033	228	438668	40.784	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	231809	38.216	ng	# 95
85) Di-n-octyl phthalate	14.621	149	427093	47.002	ng	99
87) Indeno(1,2,3-cd)pyrene	17.009	276	306784	29.441	ng	97
88) Benzo(b)fluoranthene	15.057	252	416224	44.117	ng	99
89) Benzo(k)fluoranthene	15.057	252	416224	44.588	ng	99
90) Benzo(a)pyrene	15.433	252	367556	41.929	ng	98
91) Dibenzo(a,h)anthracene	17.033	278	258459	30.280	ng	# 95
92) Benzo(g,h,i)perylene	17.468	276	232079	25.336	ng	96

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

Quant Time: Nov 07 01:26:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 06 00:53:35 2023
Response via : Initial Calibration

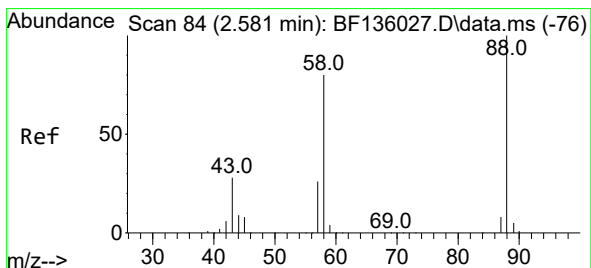
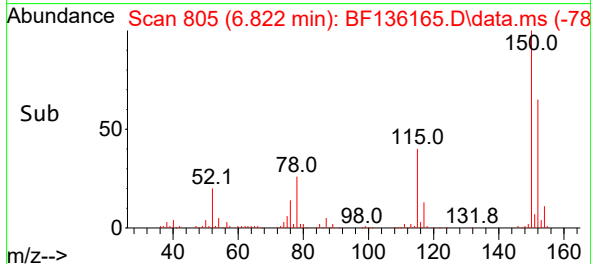
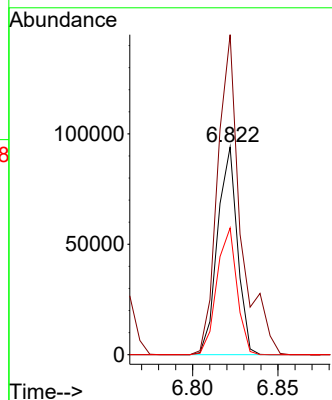
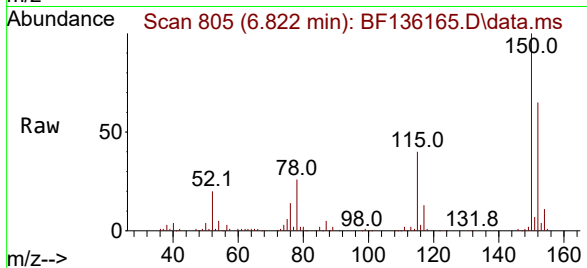




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

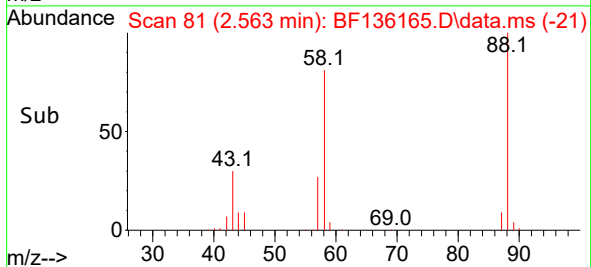
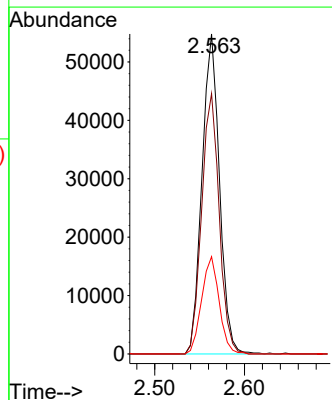
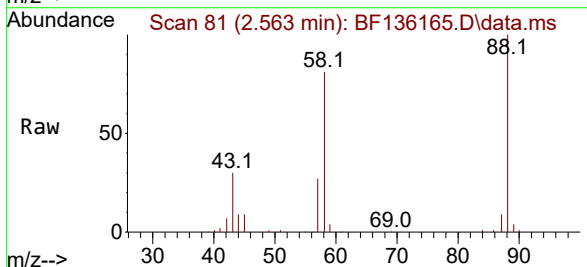
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

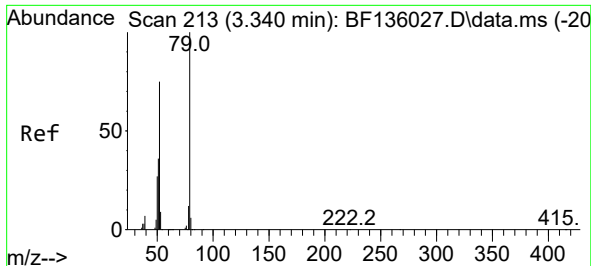
Tgt Ion:152 Resp: 76241
Ion Ratio Lower Upper
152 100
150 154.1 126.4 189.6
115 61.0 47.0 70.4



#2
1,4-Dioxane
Concen: 35.125 ng
RT: 2.563 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

Tgt Ion: 88 Resp: 74208
Ion Ratio Lower Upper
88 100
58 81.5 64.3 96.5
43 30.5 22.3 33.5

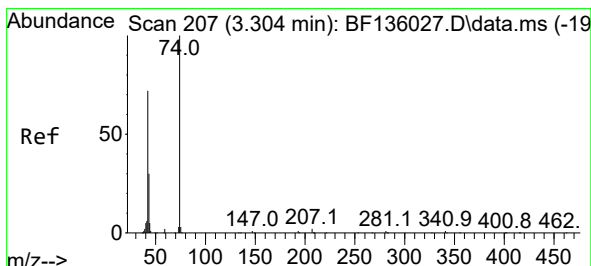
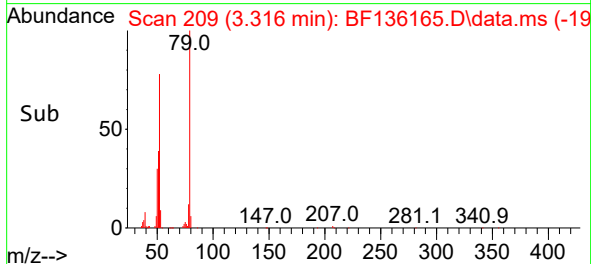
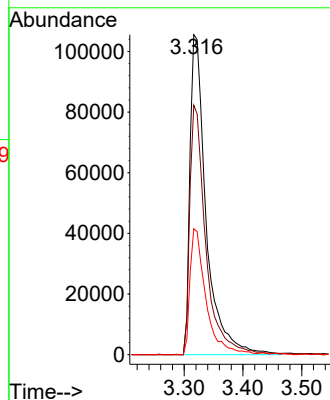
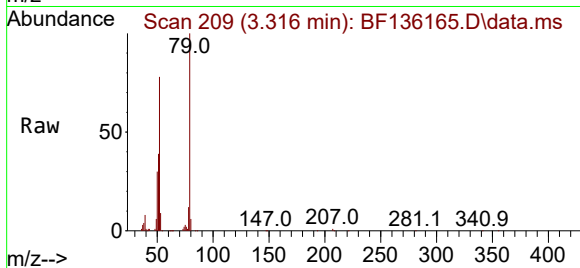




#3
Pyridine
Concen: 35.121 ng
RT: 3.316 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

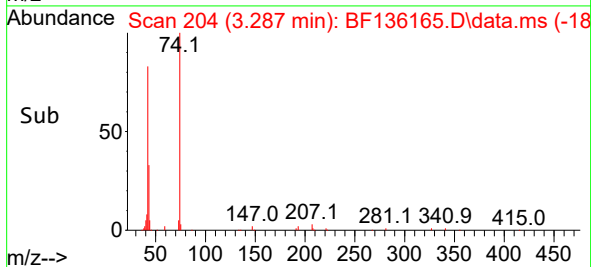
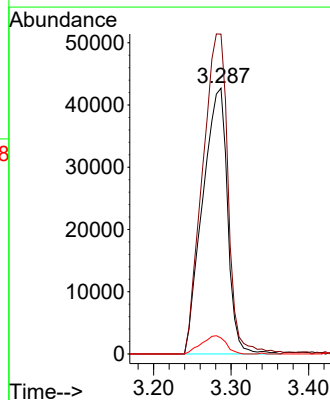
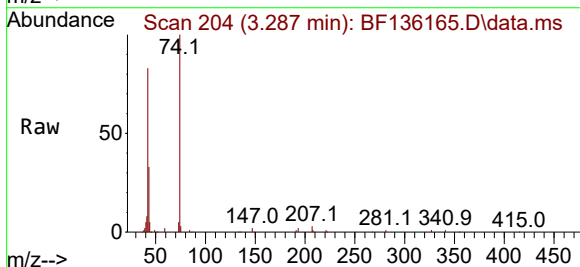
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

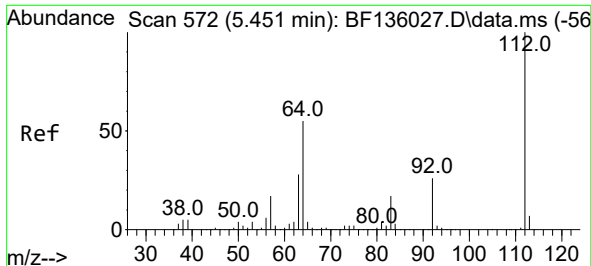
Tgt Ion: 79 Resp: 202531
Ion Ratio Lower Upper
79 100
52 77.9 60.3 90.5
51 39.3 29.3 43.9



#4
n-Nitrosodimethylamine
Concen: 39.481 ng
RT: 3.287 min Scan# 204
Delta R.T. -0.006 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

Tgt Ion: 42 Resp: 95191
Ion Ratio Lower Upper
42 100
74 120.3 111.8 167.6
44 6.0 6.2 9.4#

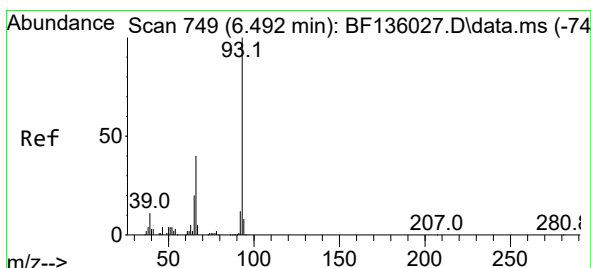
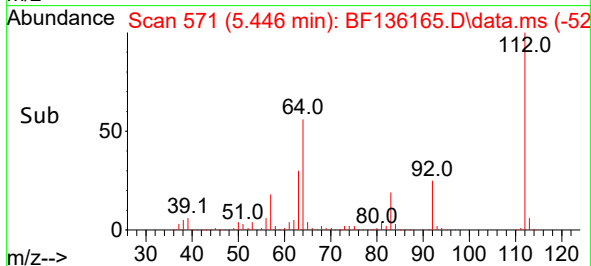
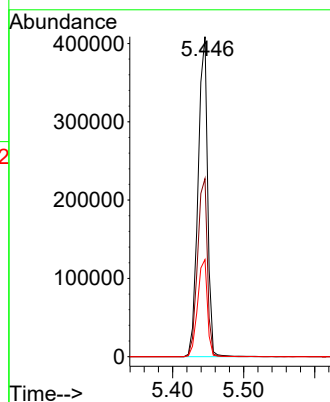
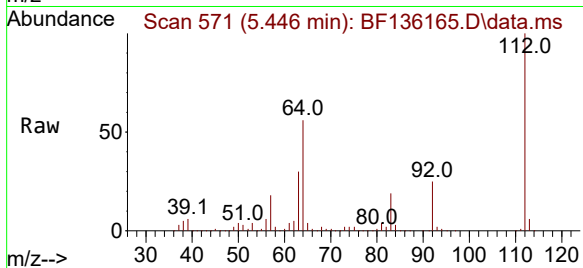




#5
2-Fluorophenol
Concen: 78.847 ng
RT: 5.446 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

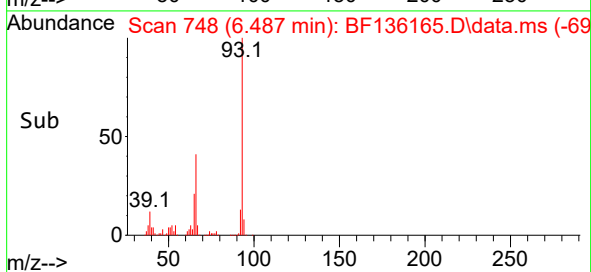
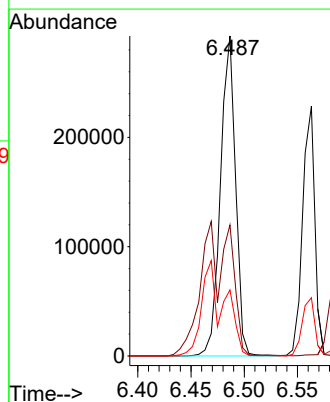
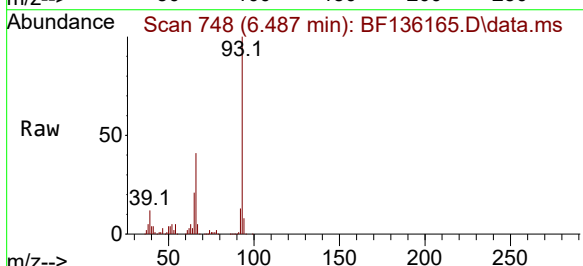
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

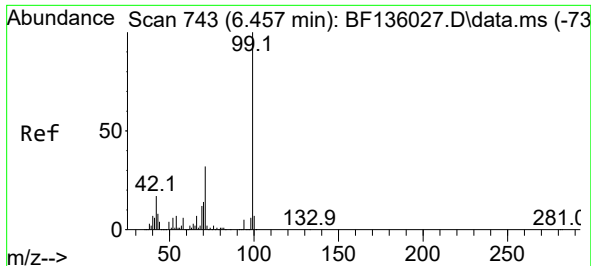
Tgt Ion:112 Resp: 382546
Ion Ratio Lower Upper
112 100
64 55.6 43.9 65.9
63 30.3 22.4 33.6



#6
Aniline
Concen: 36.811 ng
RT: 6.487 min Scan# 748
Delta R.T. 0.000 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

Tgt Ion: 93 Resp: 288094
Ion Ratio Lower Upper
93 100
66 40.9 32.4 48.6
65 20.6 16.2 24.2

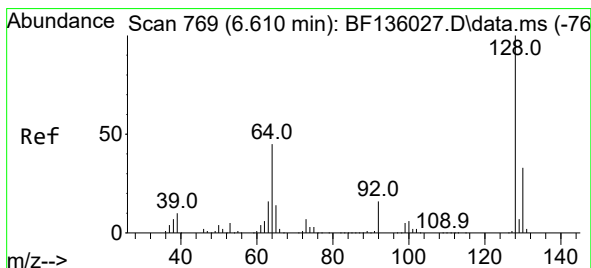
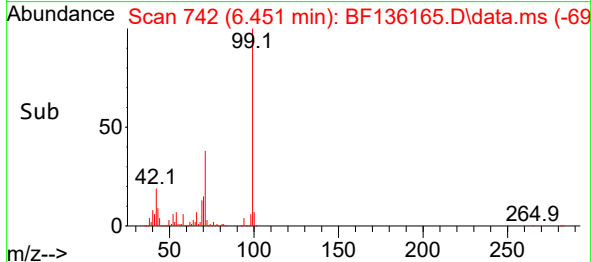
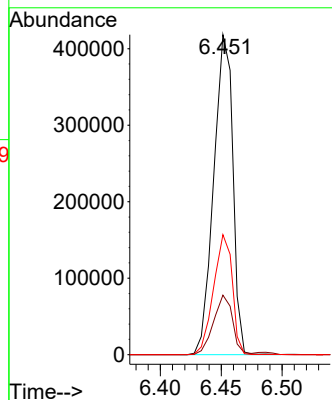
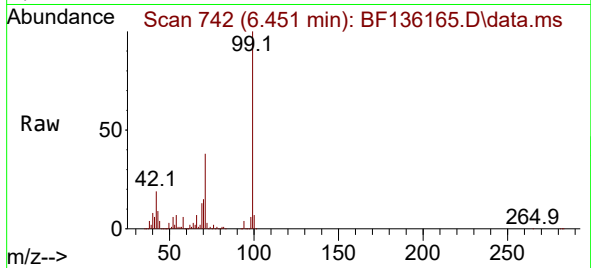




#7
Phenol-d6
Concen: 75.485 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

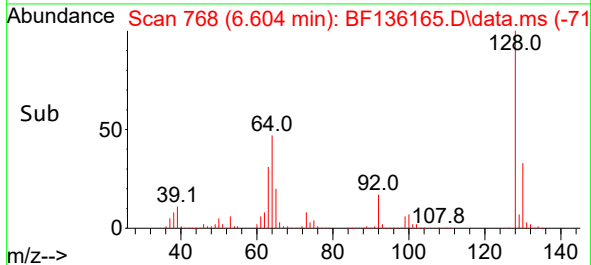
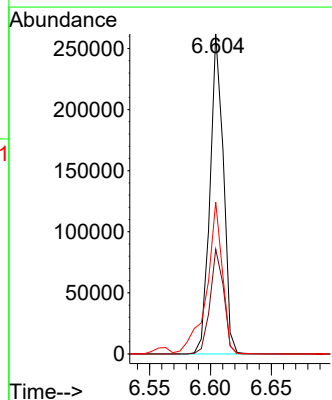
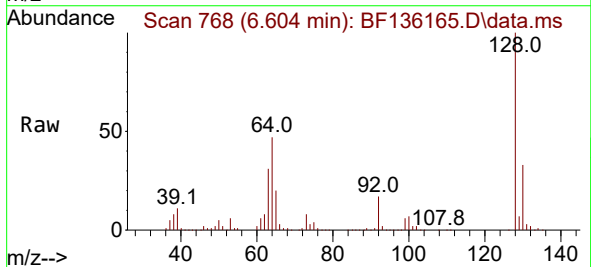
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

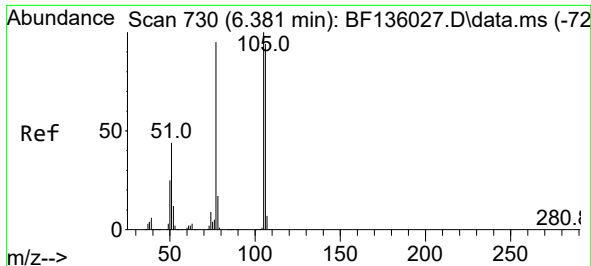
Tgt Ion: 99 Resp: 456308
Ion Ratio Lower Upper
99 100
42 18.6 13.7 20.5
71 37.5 25.9 38.9



#8
2-Chlorophenol
Concen: 38.380 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

Tgt Ion:128 Resp: 199082
Ion Ratio Lower Upper
128 100
130 32.8 12.8 52.8
64 47.5 25.8 65.8

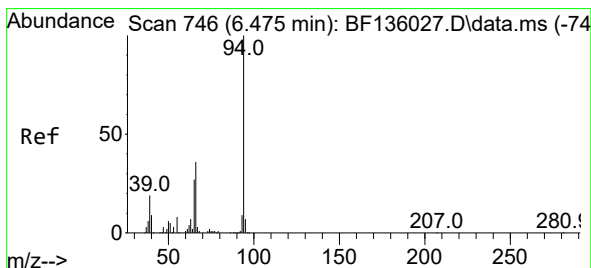
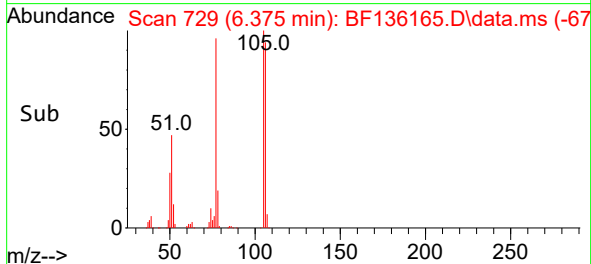
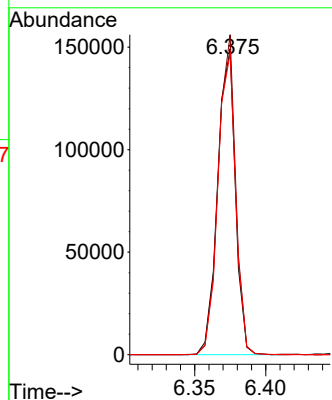
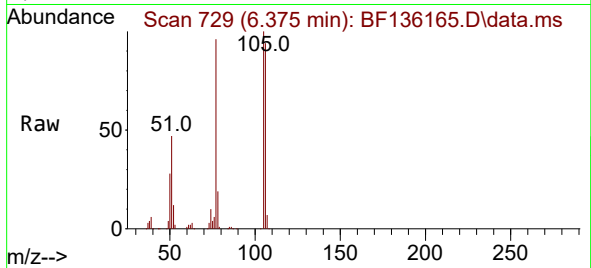




#9
Benzaldehyde
Concen: 38.437 ng
RT: 6.375 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

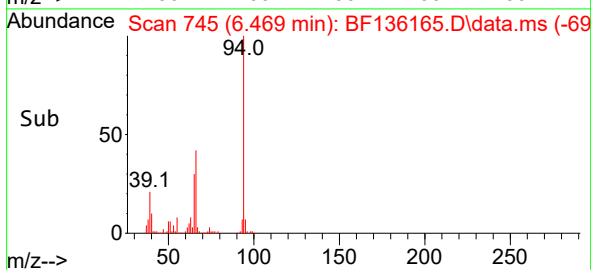
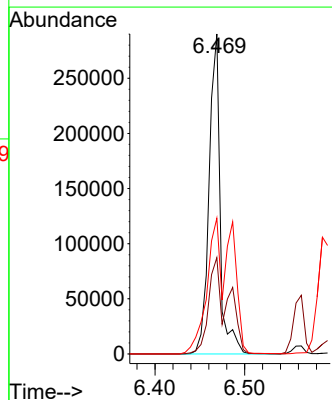
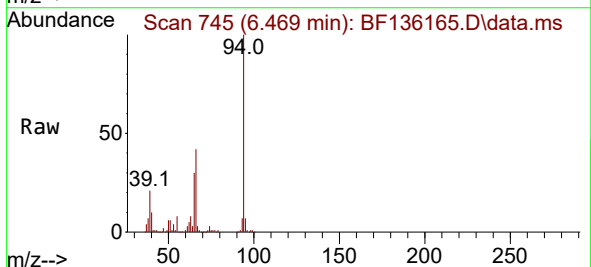
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

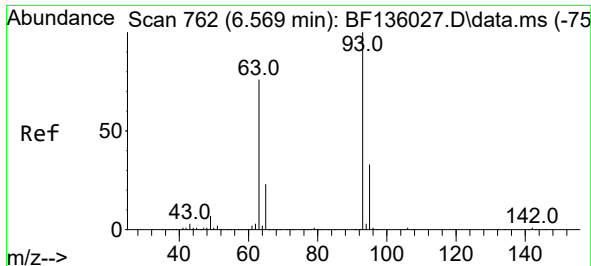
Tgt Ion: 77 Resp: 129560
Ion Ratio Lower Upper
77 100
105 104.7 85.7 125.7
106 98.6 79.8 119.8



#10
Phenol
Concen: 39.920 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

Tgt Ion: 94 Resp: 249598
Ion Ratio Lower Upper
94 100
65 30.1 7.5 47.5
66 42.4 17.1 57.1

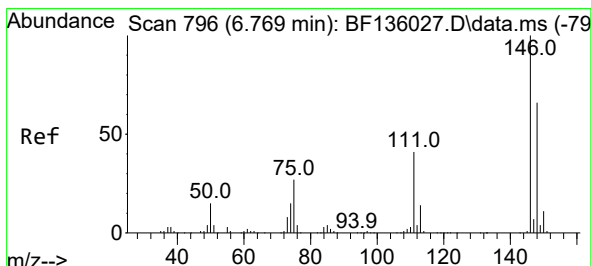
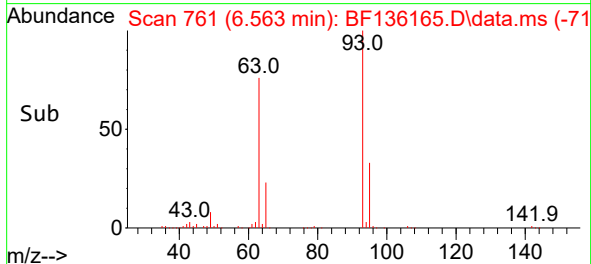
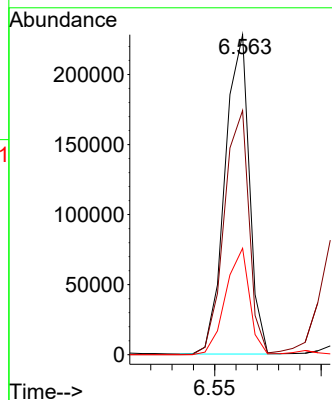
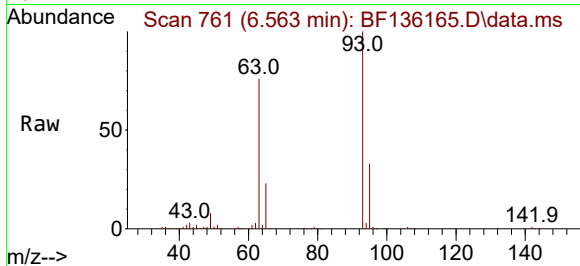




#11
bis(2-Chloroethyl)ether
Concen: 36.863 ng
RT: 6.563 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

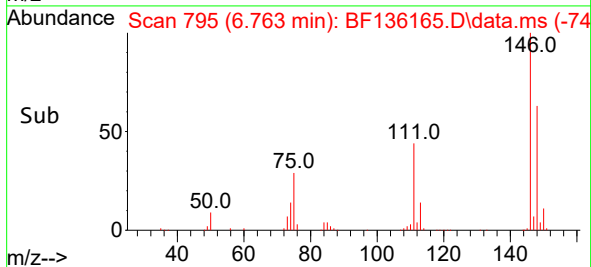
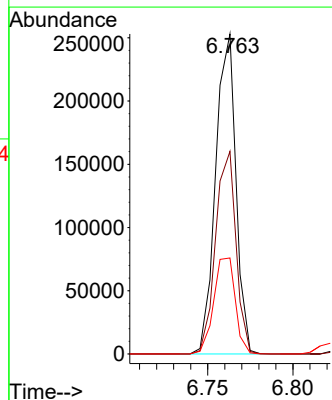
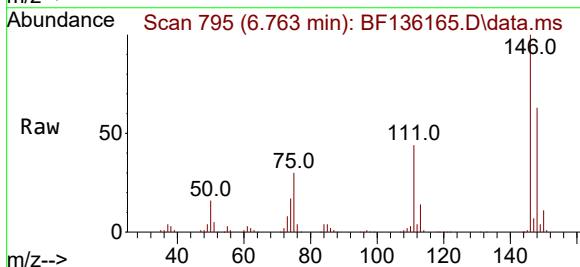
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

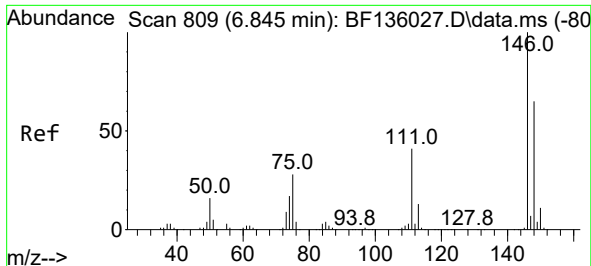
Tgt Ion: 93 Resp: 180438
Ion Ratio Lower Upper
93 100
63 76.3 55.8 95.8
95 33.2 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 38.862 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

Tgt Ion:146 Resp: 209805
Ion Ratio Lower Upper
146 100
148 63.3 52.6 78.8
75 30.0 21.6 32.4





#13

1,4-Dichlorobenzene

Concen: 39.349 ng

RT: 6.840 min Scan# 809

Delta R.T. 0.000 min

Lab File: BF136165.D

Acq: 06 Nov 2023 21:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

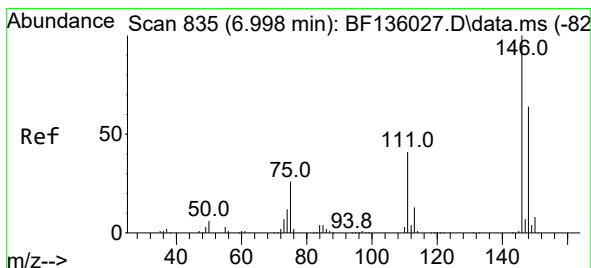
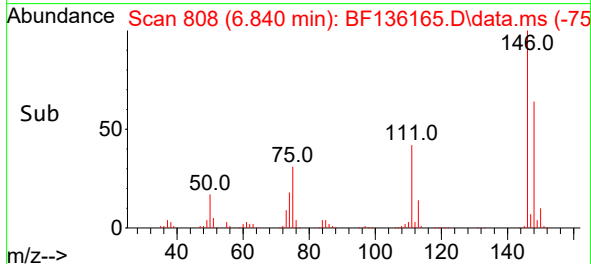
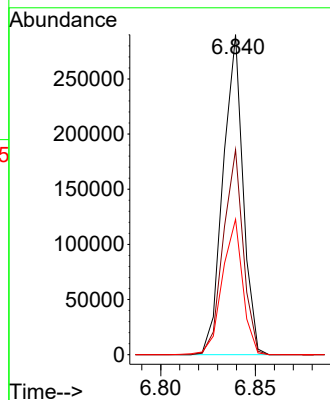
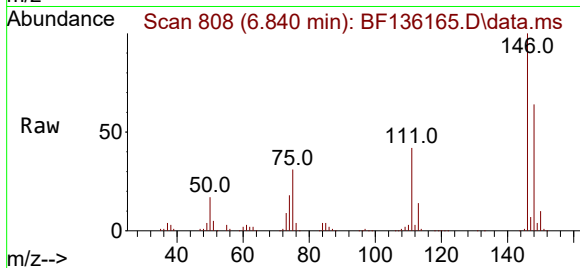
Tgt Ion:146 Resp: 212892

Ion Ratio Lower Upper

146 100

148 64.1 52.1 78.1

111 42.3 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 39.178 ng

RT: 6.992 min Scan# 834

Delta R.T. 0.000 min

Lab File: BF136165.D

Acq: 06 Nov 2023 21:01

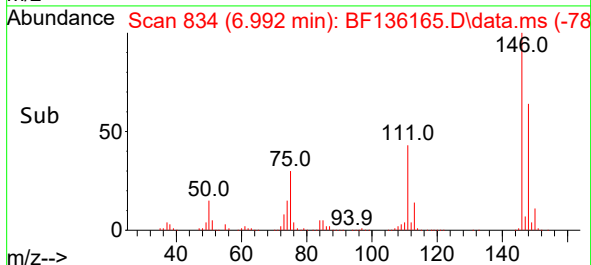
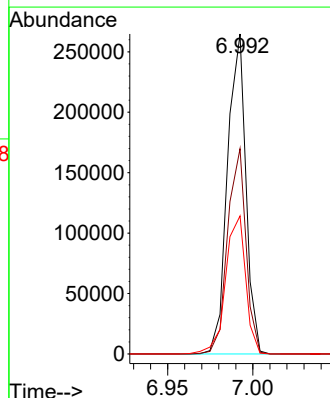
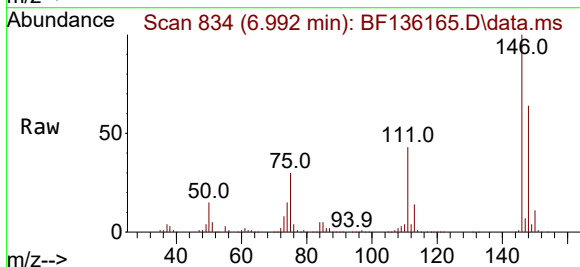
Tgt Ion:146 Resp: 198202

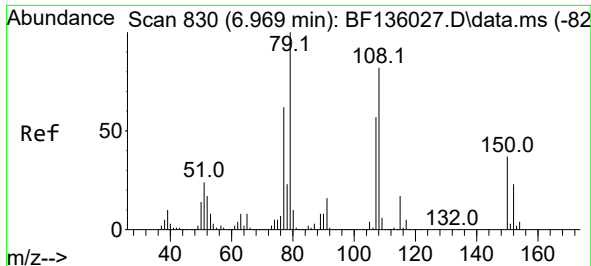
Ion Ratio Lower Upper

146 100

148 64.2 51.4 77.2

111 43.1 33.0 49.4

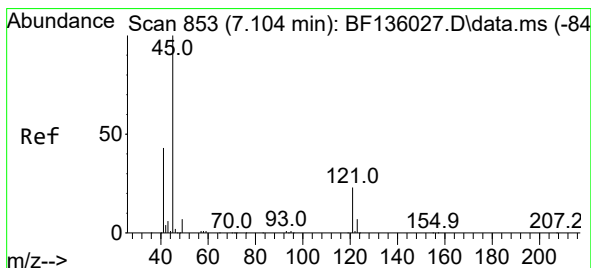
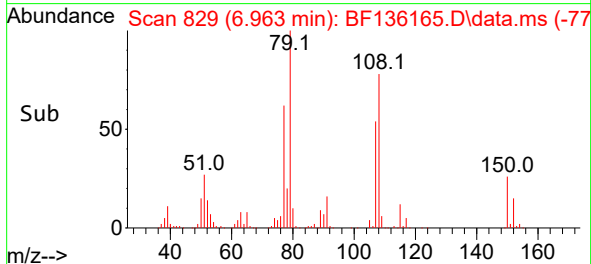
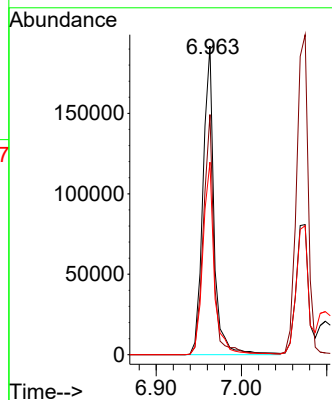
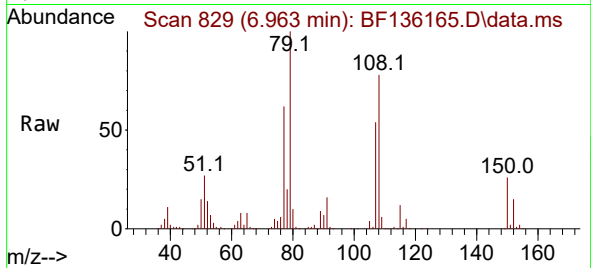




#15
Benzyl Alcohol
Concen: 40.550 ng
RT: 6.963 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

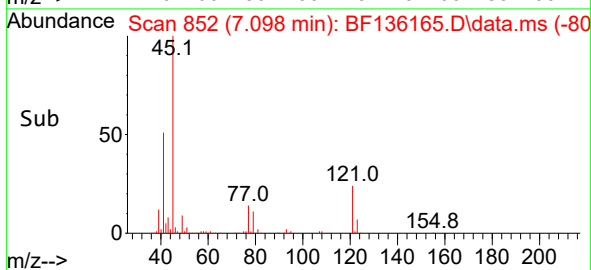
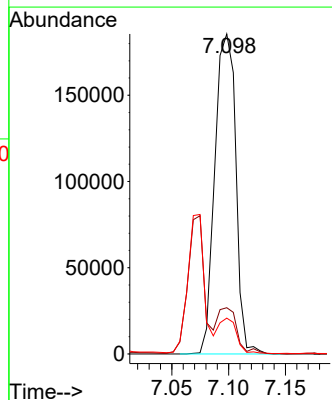
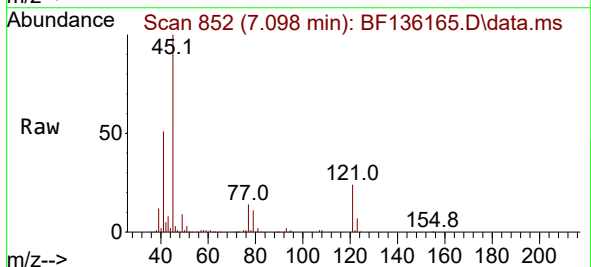
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

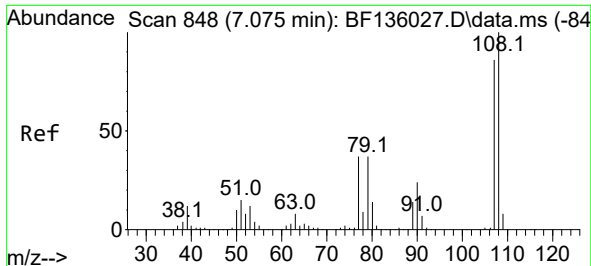
Tgt Ion: 79 Resp: 173807
Ion Ratio Lower Upper
79 100
108 77.8 65.9 98.9
77 62.3 49.4 74.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.294 ng
RT: 7.098 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

Tgt Ion: 45 Resp: 237787
Ion Ratio Lower Upper
45 100
77 14.4 0.0 34.6
79 11.2 0.0 30.6

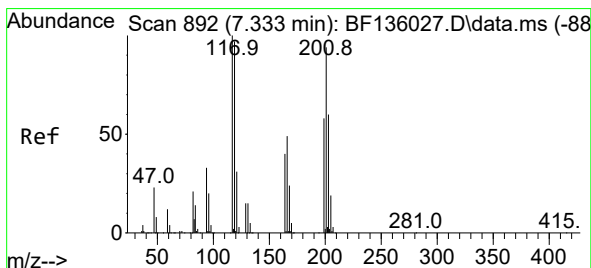
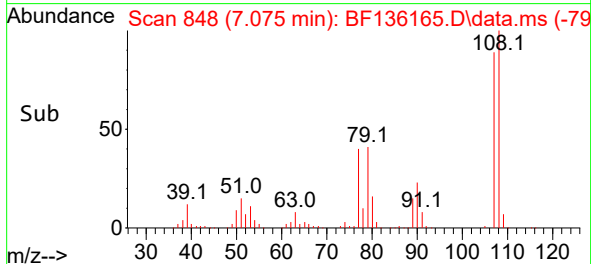
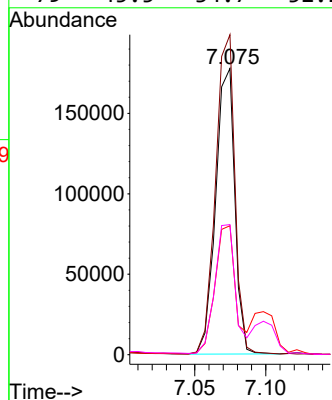
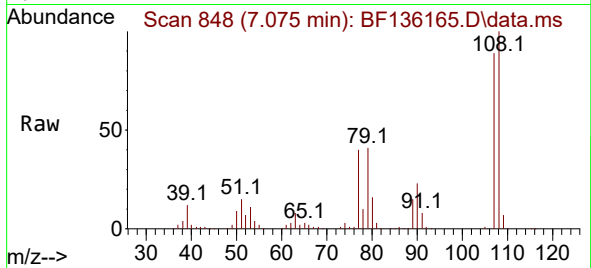




#17
2-Methylphenol
Concen: 37.903 ng
RT: 7.075 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

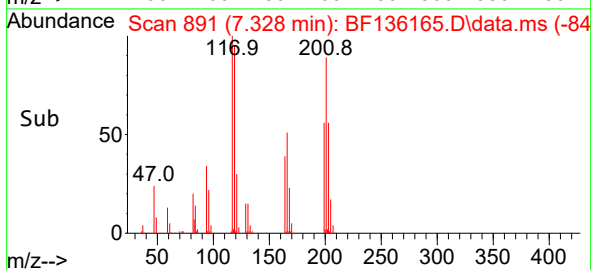
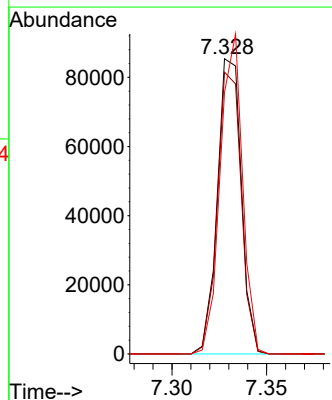
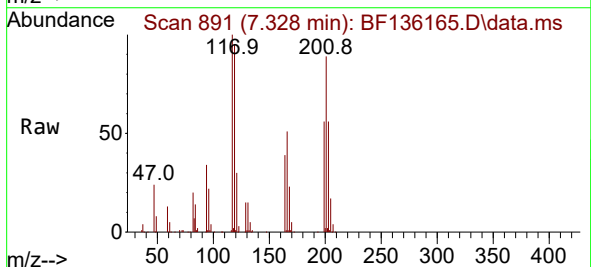
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

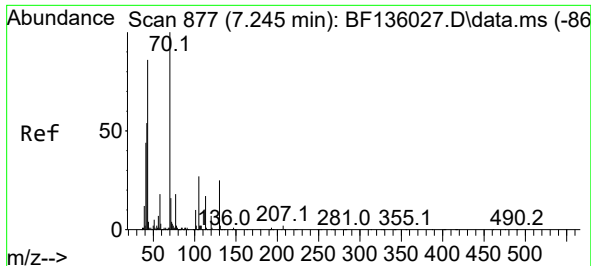
Tgt Ion:107 Resp: 166787
Ion Ratio Lower Upper
107 100
108 111.8 93.4 140.2
77 45.0 34.4 51.6
79 45.5 34.7 52.1



#18
Hexachloroethane
Concen: 39.739 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

Tgt Ion:117 Resp: 75568
Ion Ratio Lower Upper
117 100
119 95.4 77.7 116.5
201 88.6 75.0 112.6





#19

n-Nitroso-di-n-propylamine

Concen: 37.833 ng

RT: 7.234 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF136165.D

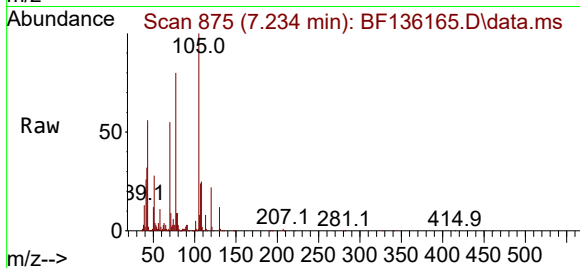
Acq: 06 Nov 2023 21:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 70 Resp: 130675

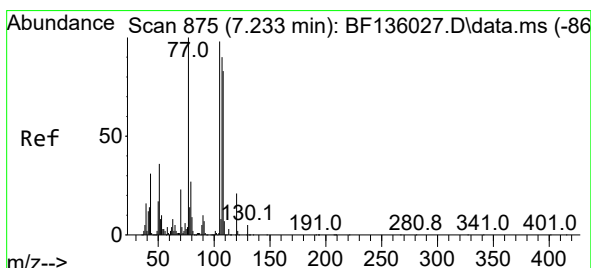
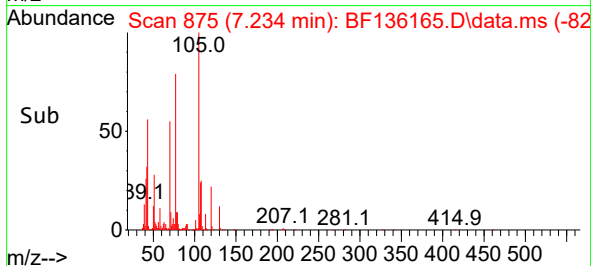
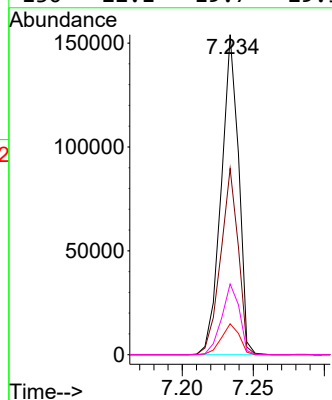
Ion Ratio Lower Upper

70 100

42 58.2 43.0 64.4

101 9.7 8.0 12.0

130 22.1 19.7 29.5



#20

3+4-Methylphenols

Concen: 38.650 ng

RT: 7.228 min Scan# 874

Delta R.T. 0.000 min

Lab File: BF136165.D

Acq: 06 Nov 2023 21:01

Tgt Ion: 107 Resp: 207391

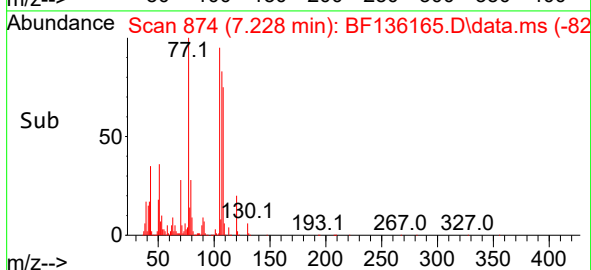
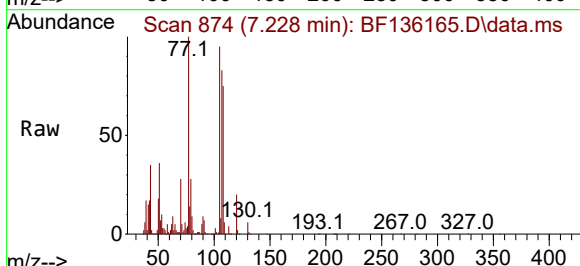
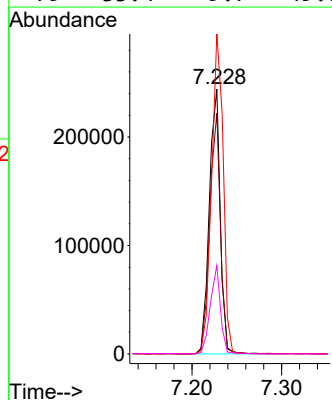
Ion Ratio Lower Upper

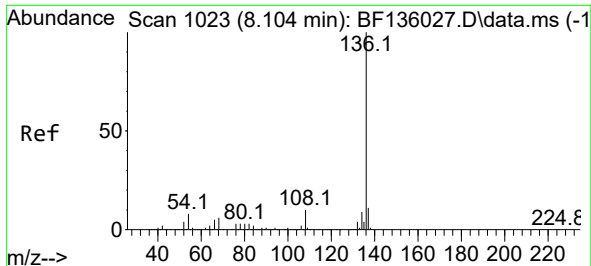
107 100

108 91.0 72.3 112.3

77 120.9 91.4 131.4

79 33.4 9.7 49.7

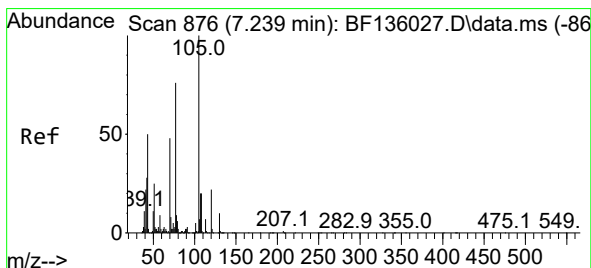
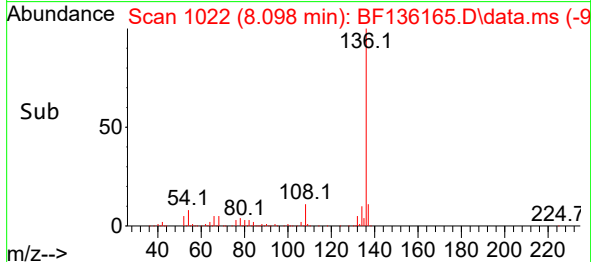
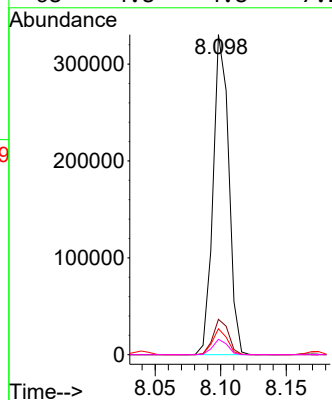
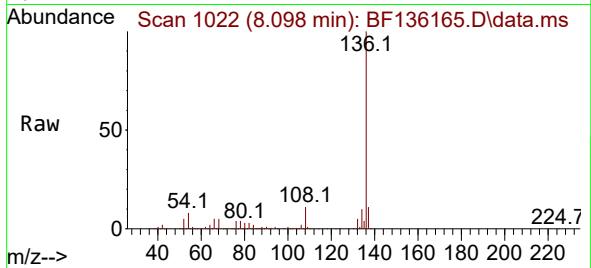




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

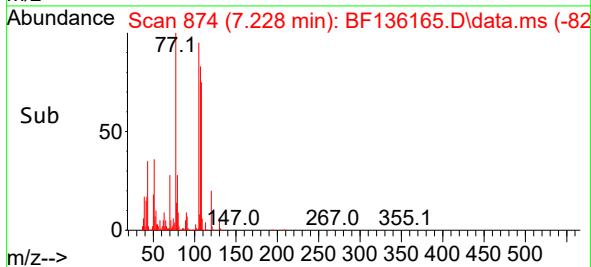
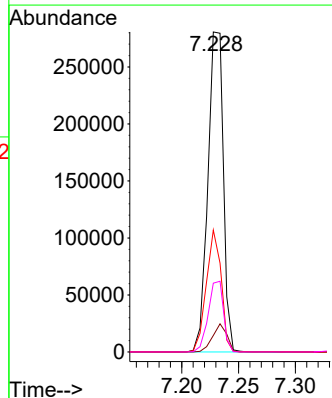
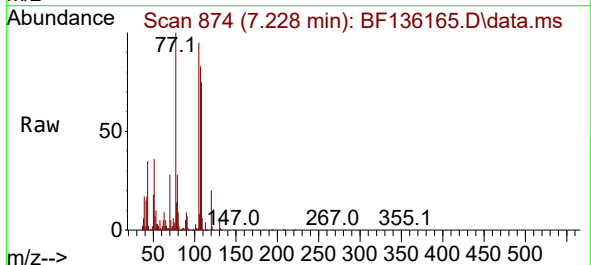
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

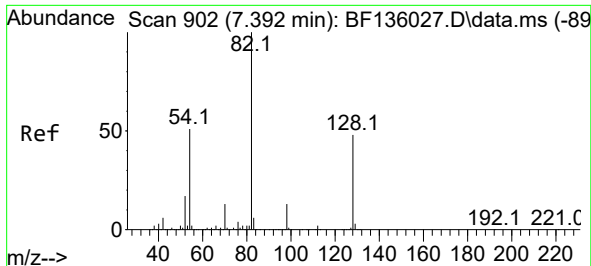
Tgt Ion	136	Resp:	274594
	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	8.1	6.6	9.8
68	4.8	4.8	7.2



#22
Acetophenone
Concen: 43.643 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

Tgt	Ion:105	Resp:	265739
Ion	Ratio	Lower	Upper
105	100		
71	5.1	6.5	9.7#
51	38.1	20.3	30.5#
120	21.5	17.8	26.8





#23

Nitrobenzene-d5

Concen: 90.300 ng

RT: 7.387 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF136165.D

Acq: 06 Nov 2023 21:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

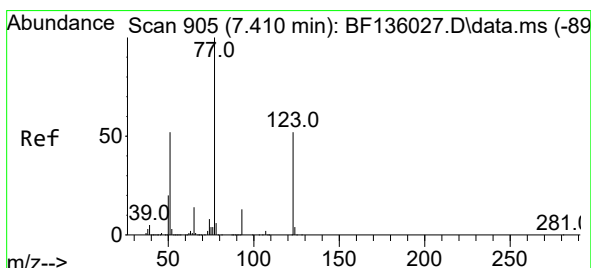
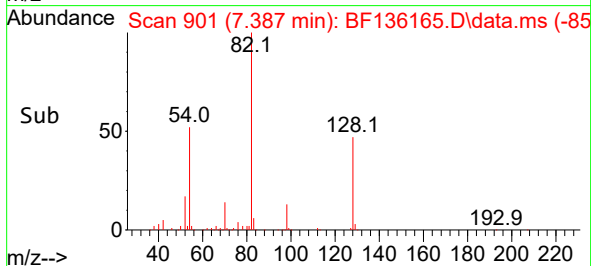
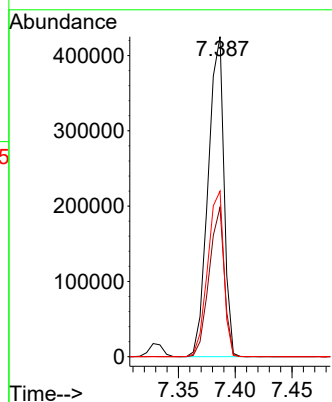
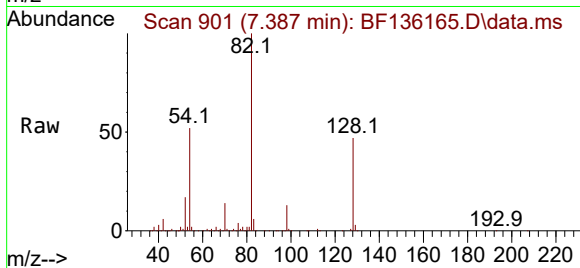
Tgt Ion: 82 Resp: 411327

Ion Ratio Lower Upper

82 100

128 46.7 38.6 57.8

54 51.8 40.8 61.2



#24

Nitrobenzene

Concen: 43.925 ng

RT: 7.404 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF136165.D

Acq: 06 Nov 2023 21:01

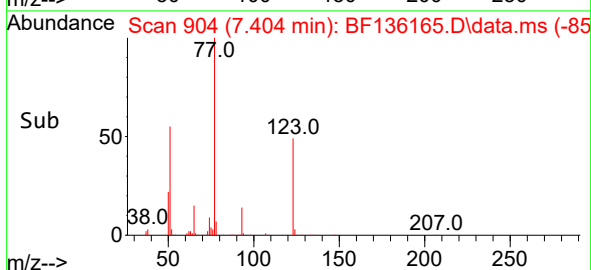
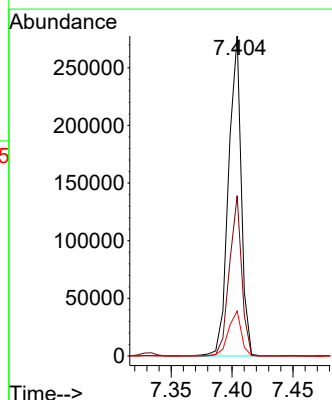
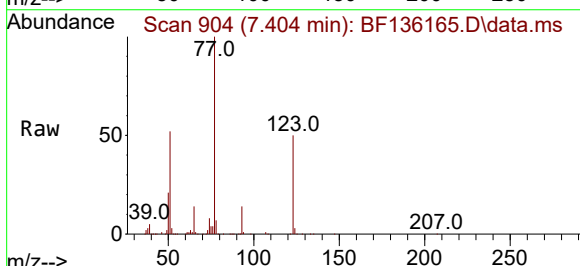
Tgt Ion: 77 Resp: 202387

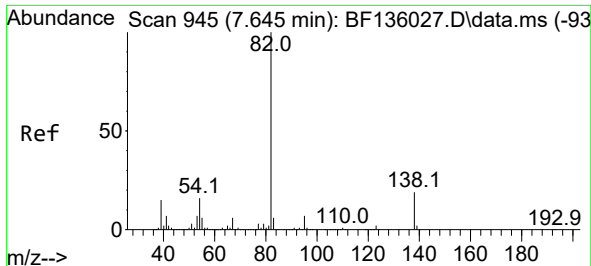
Ion Ratio Lower Upper

77 100

123 50.1 42.3 63.5

65 14.1 11.0 16.6

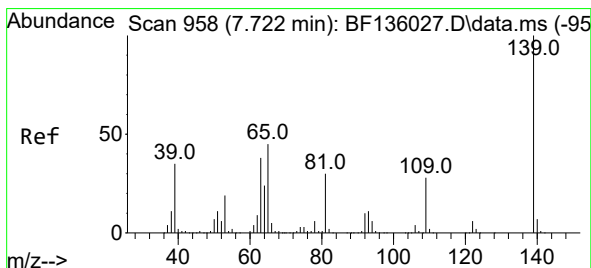
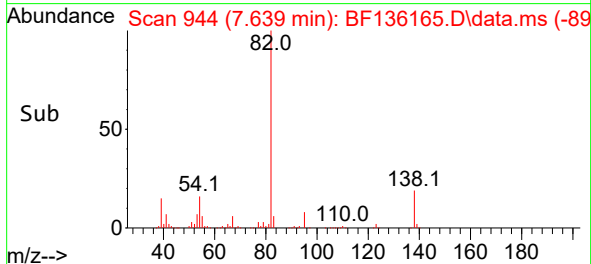
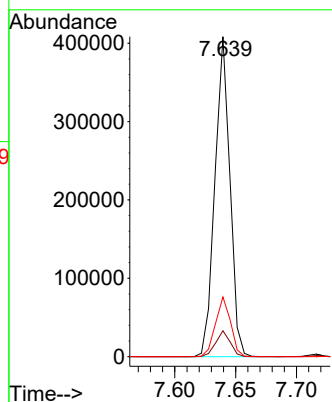
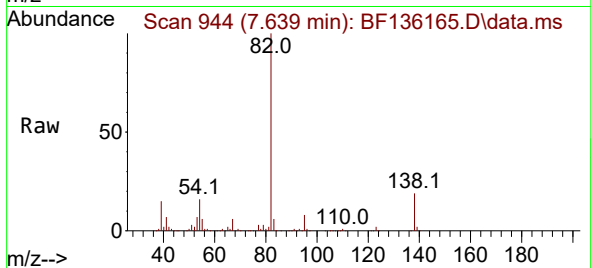




#25
Isophorone
Concen: 40.784 ng
RT: 7.639 min Scan# 944
Delta R.T. 0.000 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

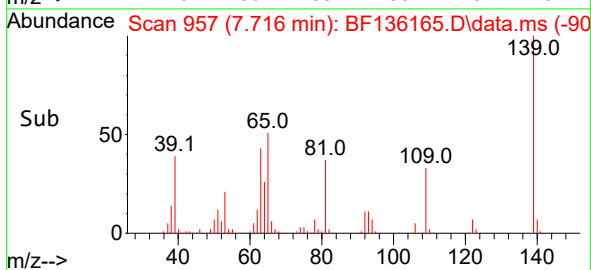
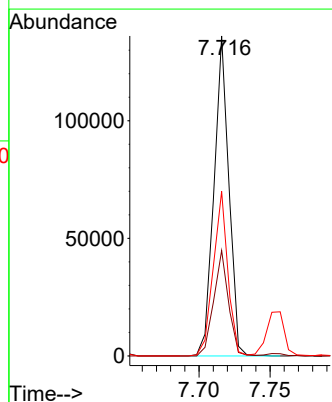
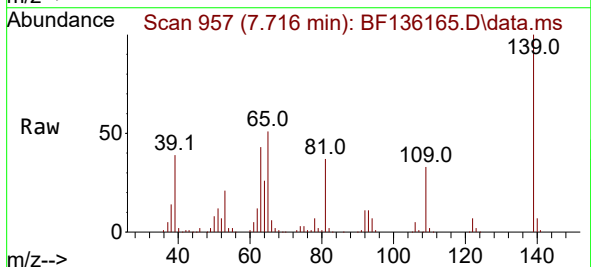
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

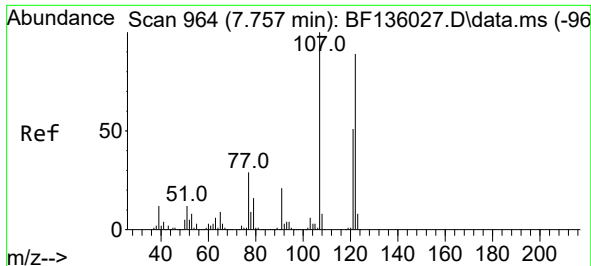
Tgt Ion: 82 Resp: 350721
Ion Ratio Lower Upper
82 100
95 8.1 5.9 8.9
138 18.6 15.3 22.9



#26
2-Nitrophenol
Concen: 47.298 ng
RT: 7.716 min Scan# 957
Delta R.T. 0.000 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

Tgt Ion:139 Resp: 99430
Ion Ratio Lower Upper
139 100
109 32.9 22.6 34.0
65 51.5 36.3 54.5





#27

2,4-Dimethylphenol

Concen: 41.273 ng

RT: 7.757 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF136165.D

Acq: 06 Nov 2023 21:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

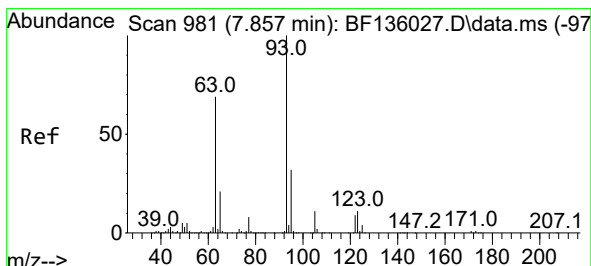
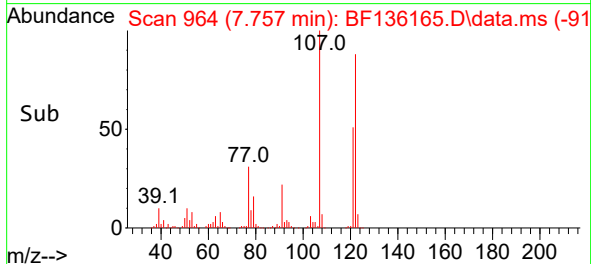
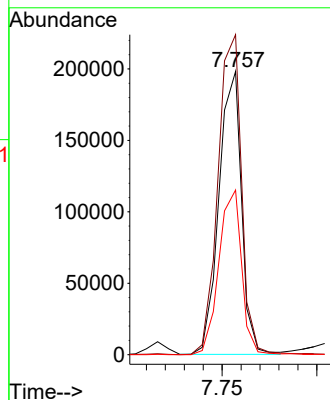
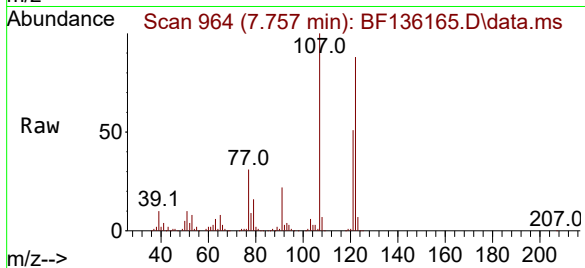
Tgt Ion:122 Resp: 163957

Ion Ratio Lower Upper

122 100

107 113.0 89.6 134.4

121 58.2 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 39.615 ng

RT: 7.851 min Scan# 980

Delta R.T. -0.006 min

Lab File: BF136165.D

Acq: 06 Nov 2023 21:01

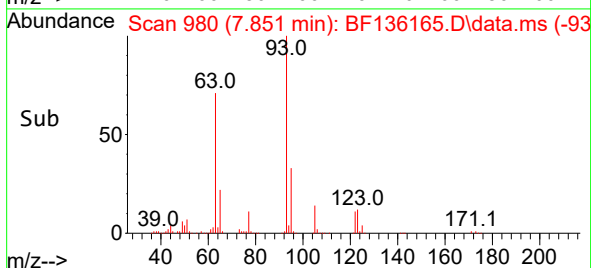
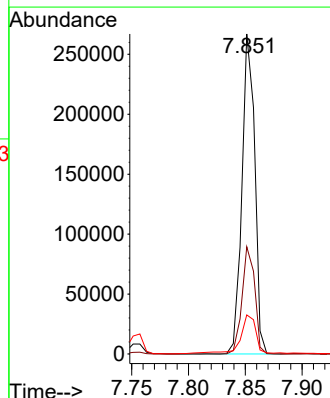
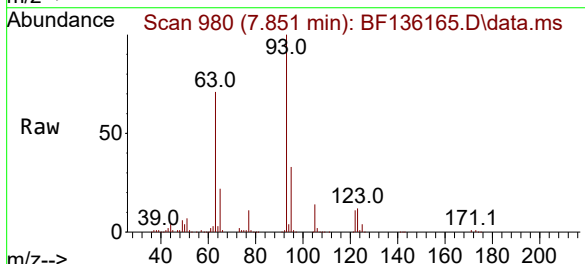
Tgt Ion: 93 Resp: 208734

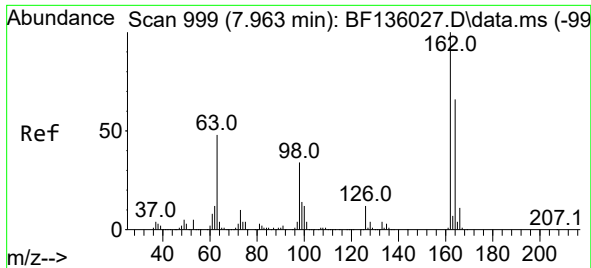
Ion Ratio Lower Upper

93 100

95 33.5 25.7 38.5

123 12.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 41.903 ng

RT: 7.957 min Scan# 99

Delta R.T. 0.000 min

Lab File: BF136165.D

Acq: 06 Nov 2023 21:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

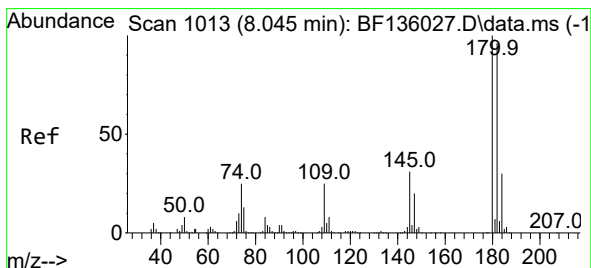
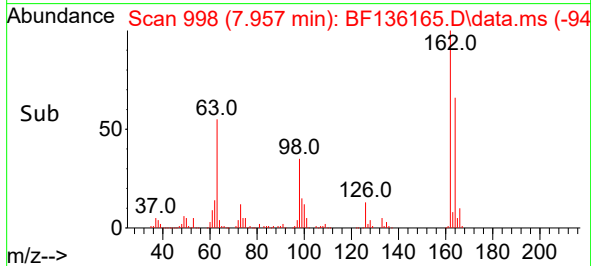
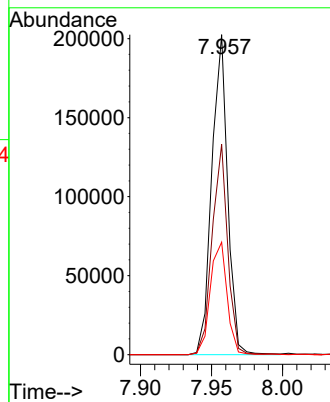
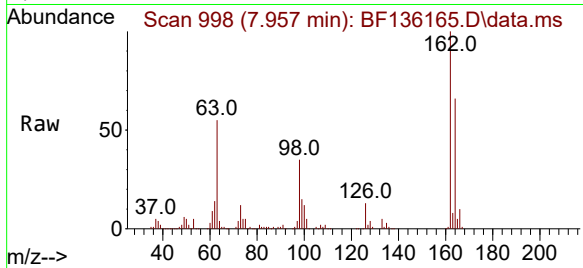
Tgt Ion:162 Resp: 156925

Ion Ratio Lower Upper

162 100

164 65.7 45.5 85.5

98 35.1 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 43.149 ng

RT: 8.039 min Scan# 1012

Delta R.T. 0.000 min

Lab File: BF136165.D

Acq: 06 Nov 2023 21:01

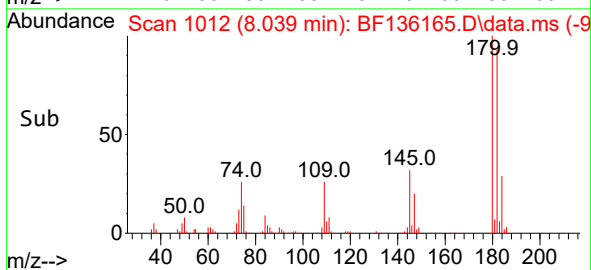
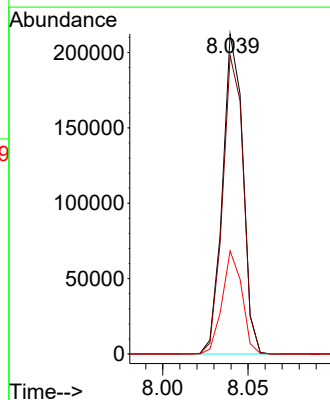
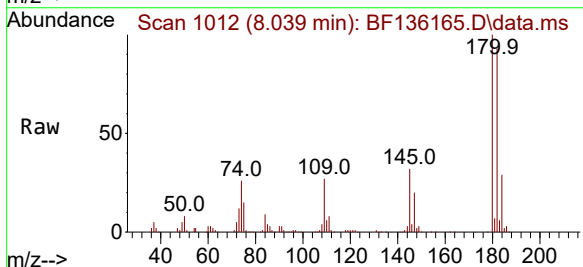
Tgt Ion:180 Resp: 176280

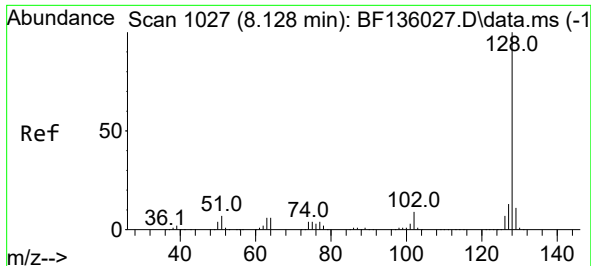
Ion Ratio Lower Upper

180 100

182 93.2 76.9 115.3

145 32.2 24.7 37.1

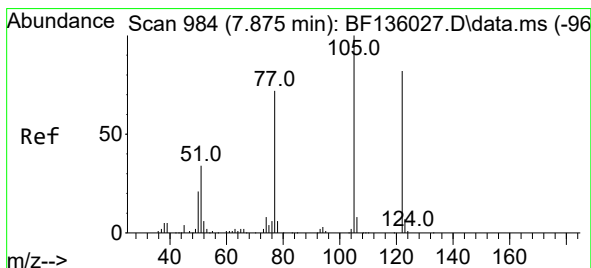
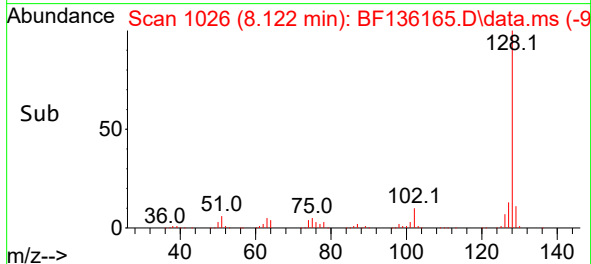
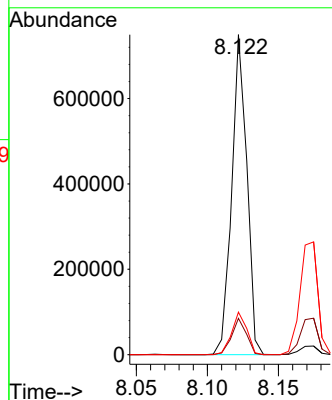
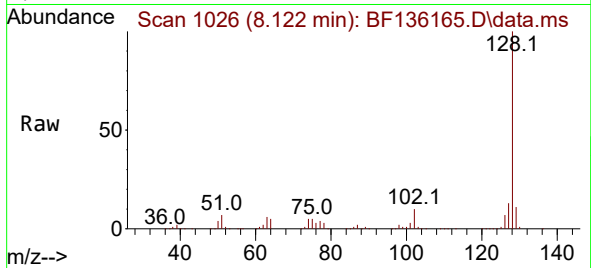




#31
Naphthalene
Concen: 41.944 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

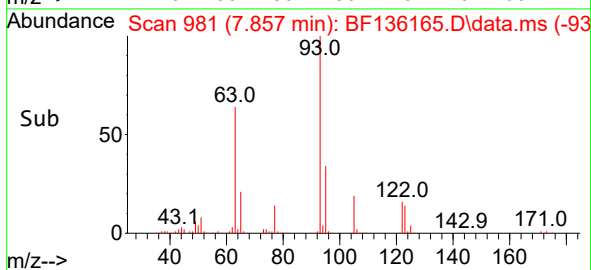
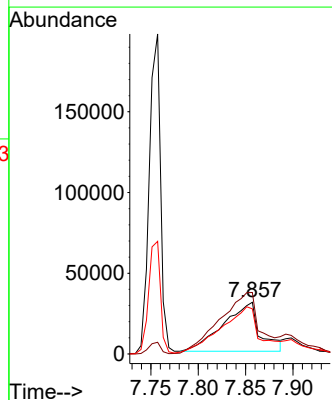
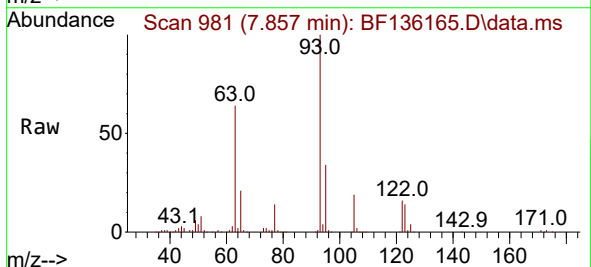
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

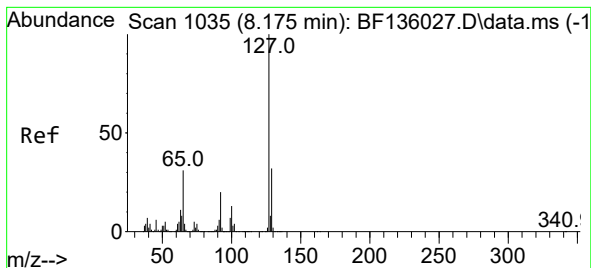
Tgt Ion:128 Resp: 555399
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.3 10.5 15.7



#32
Benzoic acid
Concen: 28.038 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.012 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

Tgt Ion:122 Resp: 81649
Ion Ratio Lower Upper
122 100
105 118.8 99.5 139.5
77 87.2 66.8 106.8





#33

4-Chloroaniline

Concen: 40.393 ng

RT: 8.175 min Scan# 1035

Delta R.T. 0.000 min

Lab File: BF136165.D

Acq: 06 Nov 2023 21:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:127 Resp: 234233

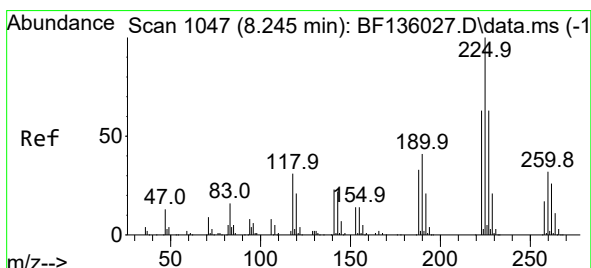
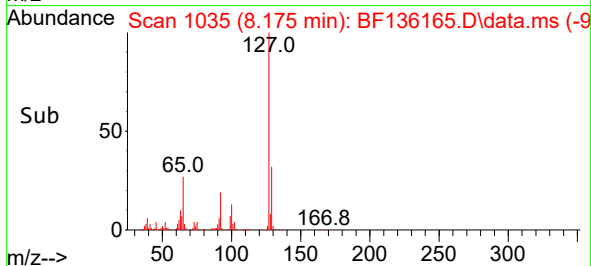
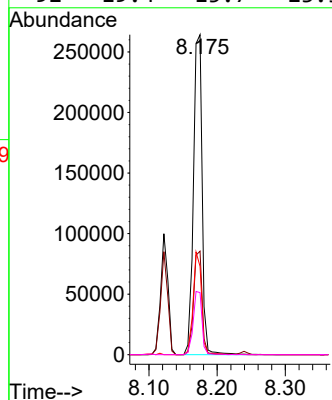
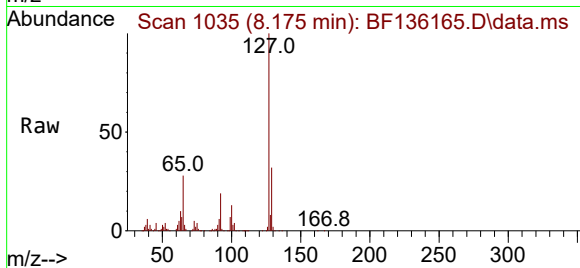
Ion Ratio Lower Upper

127 100

129 32.3 25.9 38.9

65 27.6 24.6 37.0

92 19.4 15.7 23.5



#34

Hexachlorobutadiene

Concen: 45.684 ng

RT: 8.239 min Scan# 1046

Delta R.T. 0.000 min

Lab File: BF136165.D

Acq: 06 Nov 2023 21:01

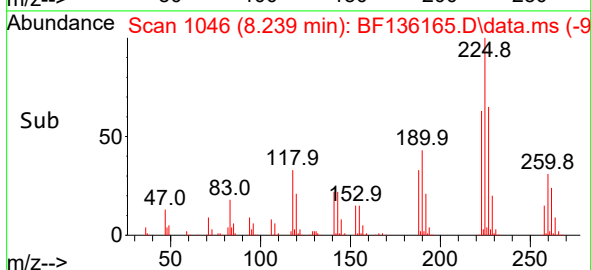
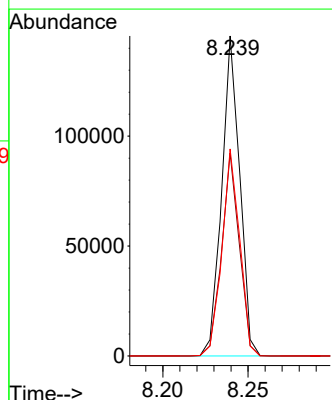
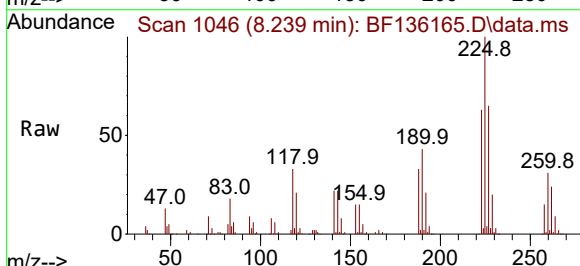
Tgt Ion:225 Resp: 107032

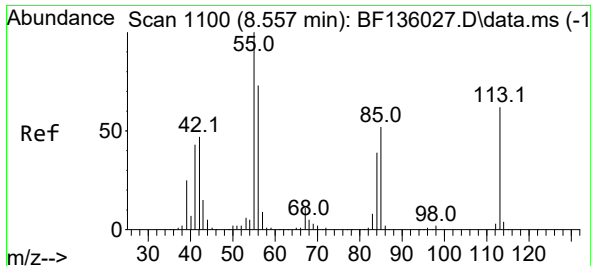
Ion Ratio Lower Upper

225 100

223 63.4 50.3 75.5

227 64.7 50.6 75.8

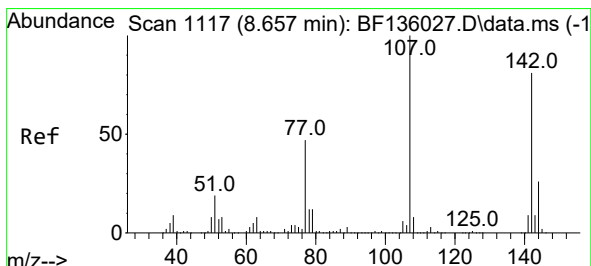
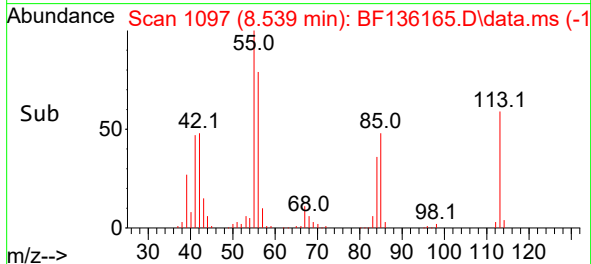
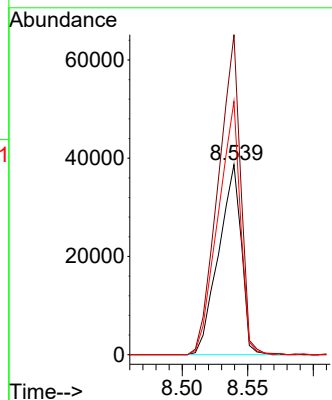
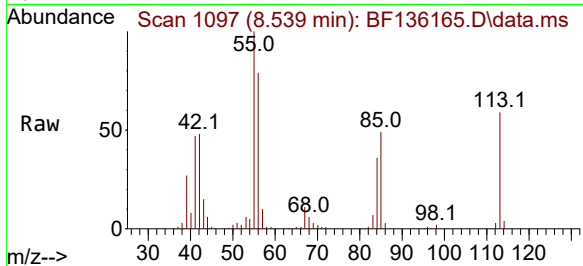




#35
 Caprolactam
 Concen: 38.158 ng
 RT: 8.539 min Scan# 1097
 Delta R.T. -0.012 min
 Lab File: BF136165.D
 Acq: 06 Nov 2023 21:01

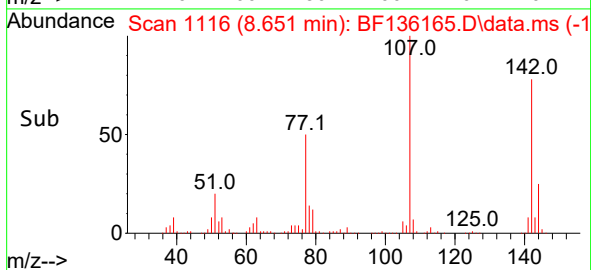
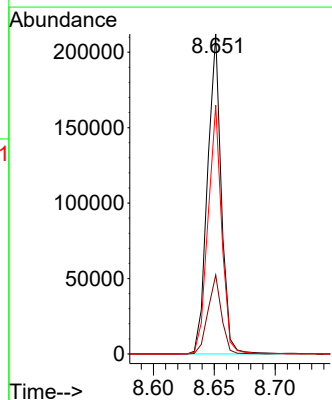
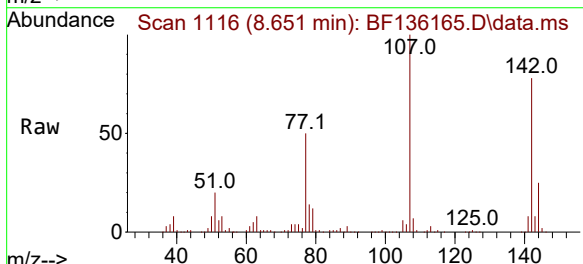
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

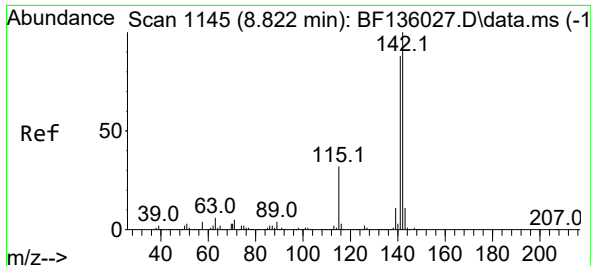
Tgt Ion:113 Resp: 46465
 Ion Ratio Lower Upper
 113 100
 55 168.4 142.2 182.2
 56 133.3 97.7 137.7



#36
 4-Chloro-3-methylphenol
 Concen: 42.202 ng
 RT: 8.651 min Scan# 1116
 Delta R.T. 0.000 min
 Lab File: BF136165.D
 Acq: 06 Nov 2023 21:01

Tgt Ion:107 Resp: 165922
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.6 31.0
 142 77.8 64.6 97.0





#37

2-Methylnaphthalene

Concen: 41.750 ng

RT: 8.816 min Scan# 1144

Delta R.T. 0.000 min

Lab File: BF136165.D

Acq: 06 Nov 2023 21:01

Instrument :

BNA_F

ClientSampleId :

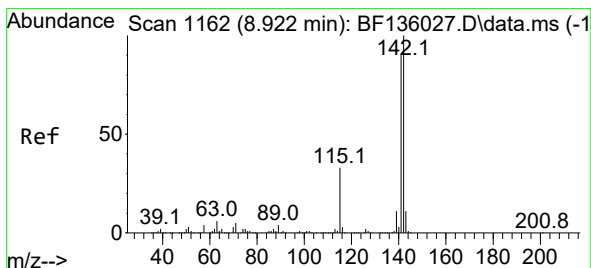
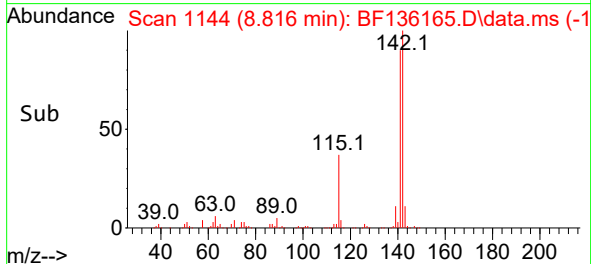
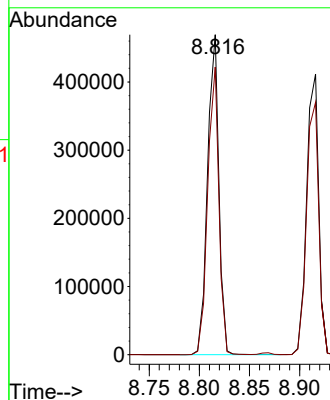
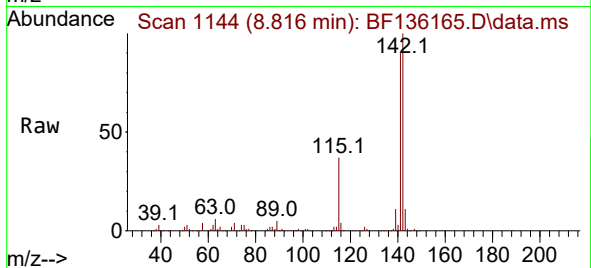
SSTDCCC040EC

Tgt Ion:142 Resp: 370683

Ion Ratio Lower Upper

142 100

141 89.9 70.4 105.6



#38

1-Methylnaphthalene

Concen: 41.532 ng

RT: 8.916 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF136165.D

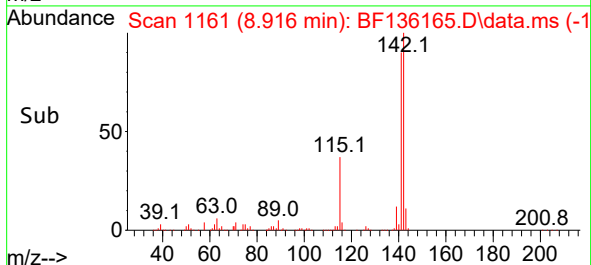
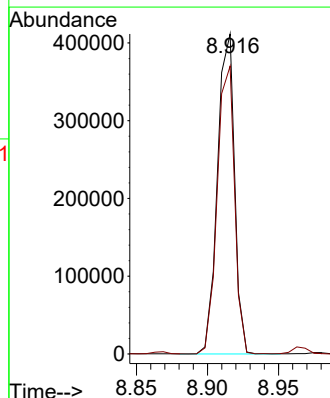
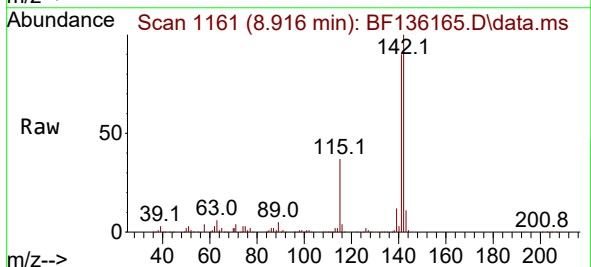
Acq: 06 Nov 2023 21:01

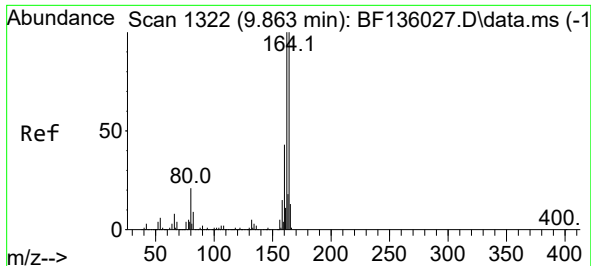
Tgt Ion:142 Resp: 343160

Ion Ratio Lower Upper

142 100

141 89.9 72.6 109.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BF136165.D

Acq: 06 Nov 2023 21:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

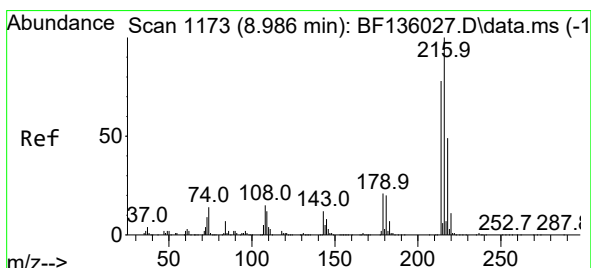
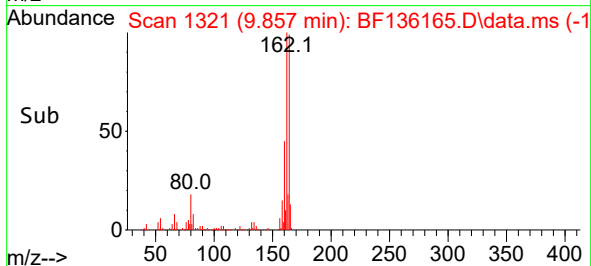
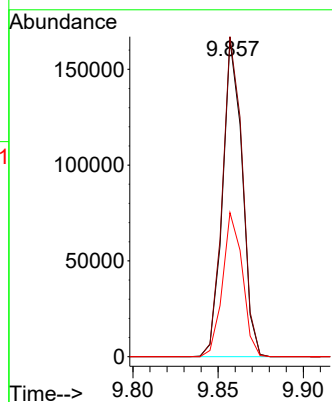
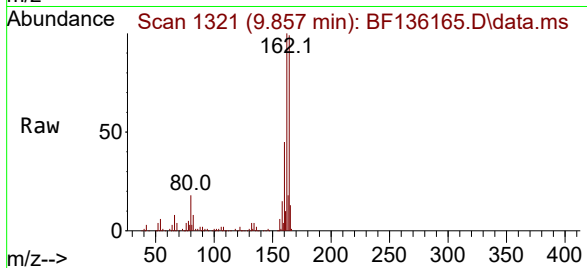
Tgt Ion:164 Resp: 132080

Ion Ratio Lower Upper

164 100

162 101.0 80.1 120.1

160 45.4 34.8 52.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.567 ng

RT: 8.981 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF136165.D

Acq: 06 Nov 2023 21:01

Tgt Ion:216 Resp: 171642

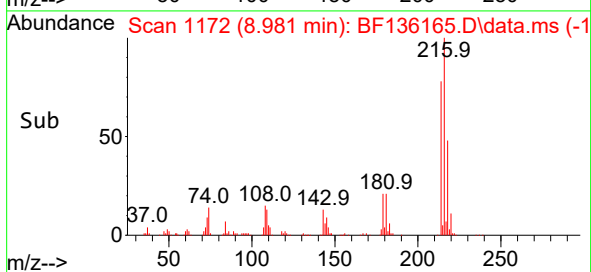
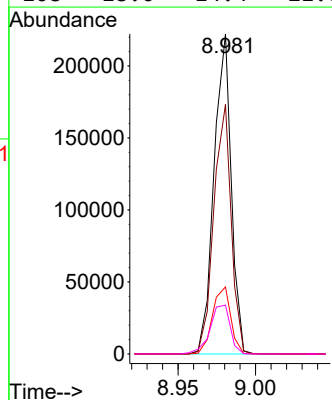
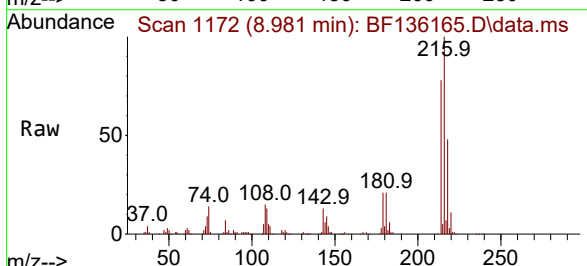
Ion Ratio Lower Upper

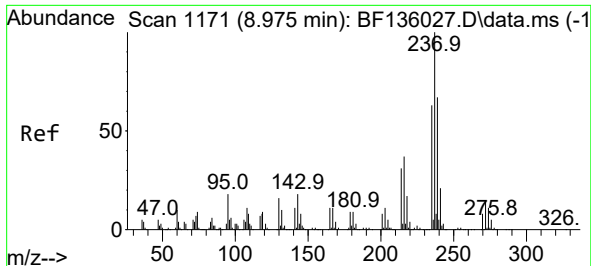
216 100

214 78.5 63.8 95.6

179 22.2 17.5 26.3

108 18.0 14.4 21.6

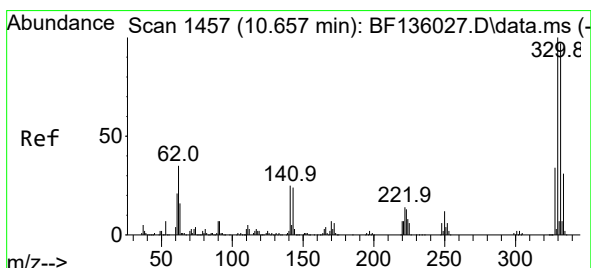
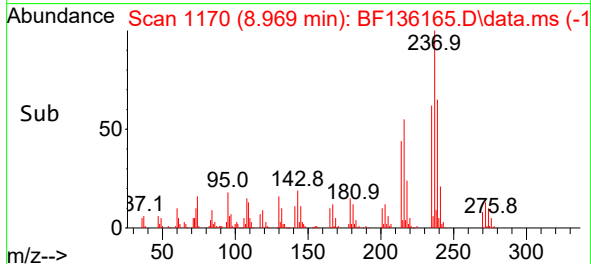
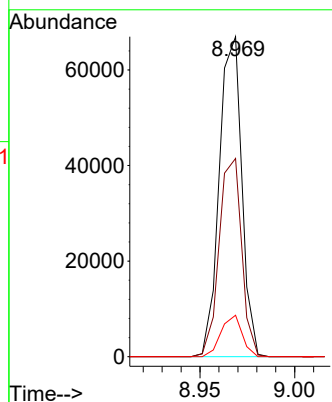
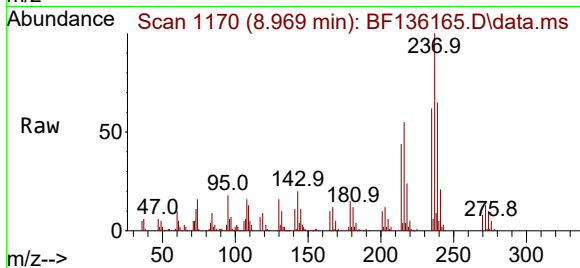




#41
Hexachlorocyclopentadiene
Concen: 27.531 ng
RT: 8.969 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

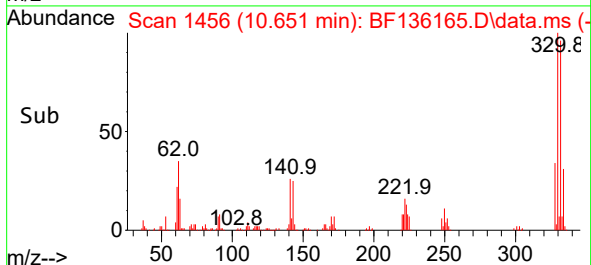
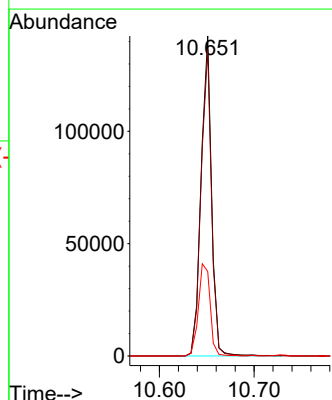
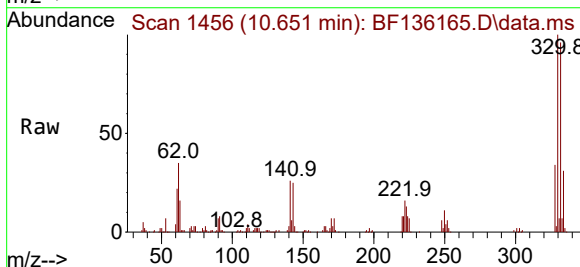
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

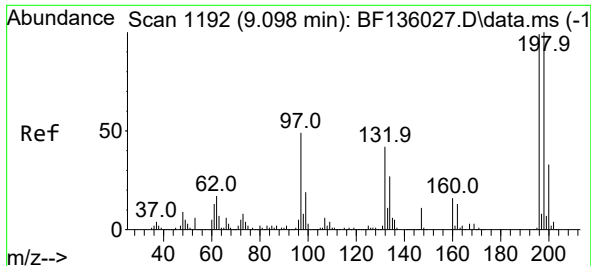
Tgt Ion:237 Resp: 55404
Ion Ratio Lower Upper
237 100
235 62.0 43.3 83.3
272 13.0 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 78.133 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

Tgt Ion:330 Resp: 110151
Ion Ratio Lower Upper
330 100
332 95.7 76.9 115.3
141 32.1 23.2 34.8





#43

2,4,6-Trichlorophenol

Concen: 42.547 ng

RT: 9.092 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF136165.D

Acq: 06 Nov 2023 21:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

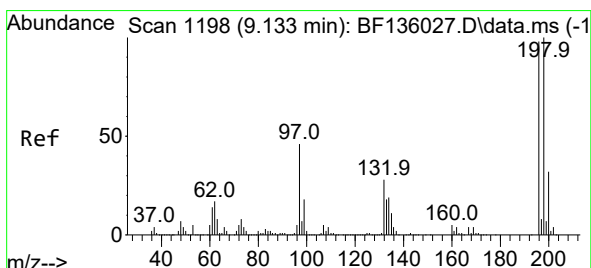
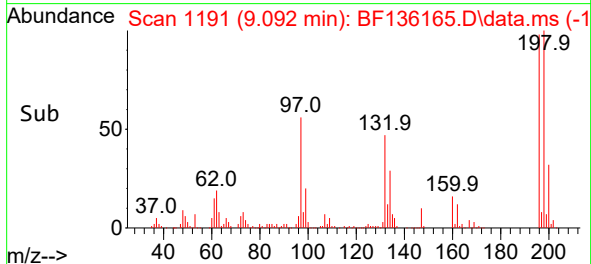
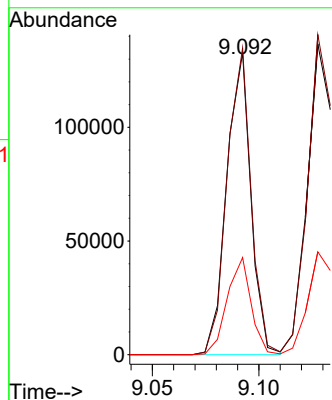
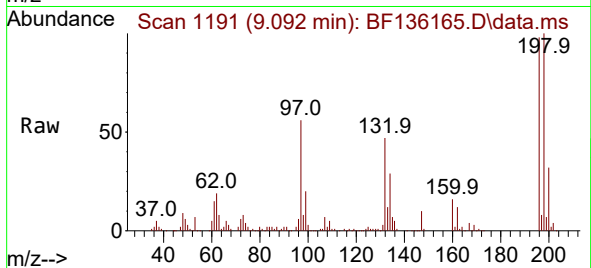
Tgt Ion:196 Resp: 104497

Ion Ratio Lower Upper

196 100

198 101.5 80.7 121.1

200 32.1 26.8 40.2



#44

2,4,5-Trichlorophenol

Concen: 42.386 ng

RT: 9.128 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF136165.D

Acq: 06 Nov 2023 21:01

Tgt Ion:196 Resp: 120588

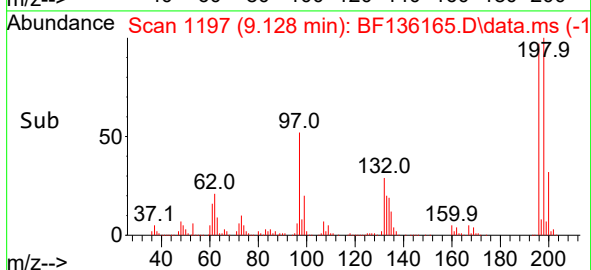
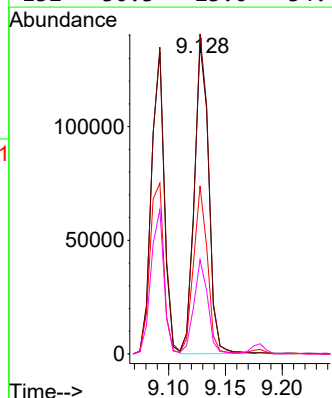
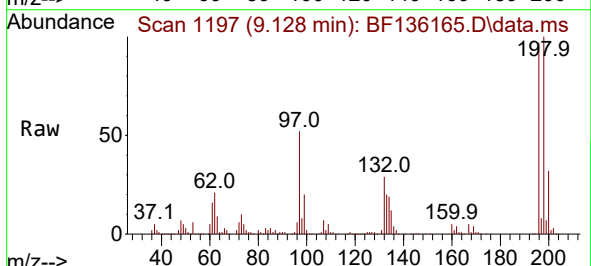
Ion Ratio Lower Upper

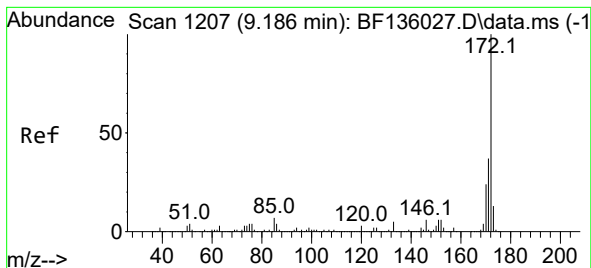
196 100

198 103.0 81.6 122.4

97 54.1 38.2 57.2

132 30.3 23.0 34.4





#45

2-Fluorobiphenyl

Concen: 93.594 ng

RT: 9.181 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF136165.D

Acq: 06 Nov 2023 21:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

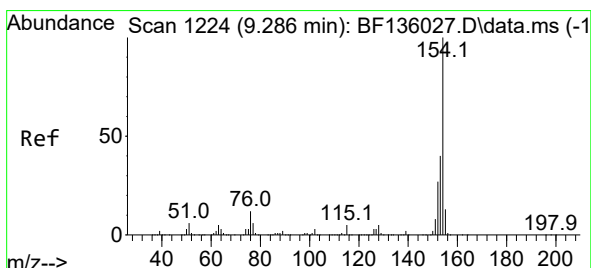
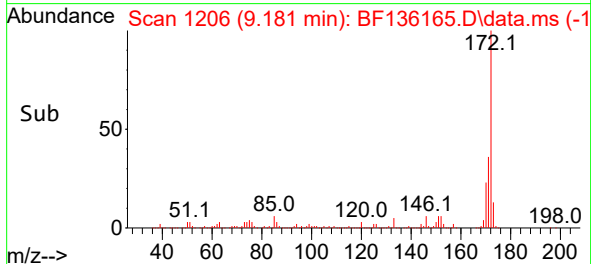
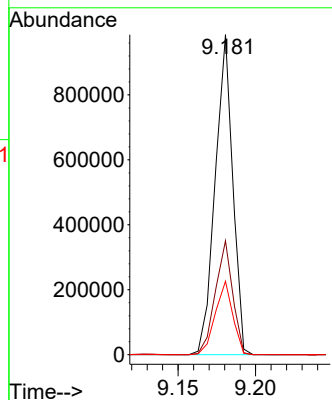
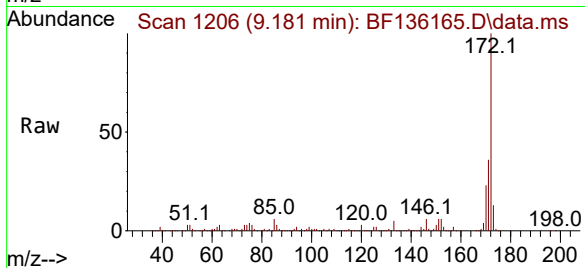
Tgt Ion:172 Resp: 775475

Ion Ratio Lower Upper

172 100

171 35.6 29.4 44.0

170 22.9 19.3 28.9



#46

1,1'-Biphenyl

Concen: 44.219 ng

RT: 9.281 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF136165.D

Acq: 06 Nov 2023 21:01

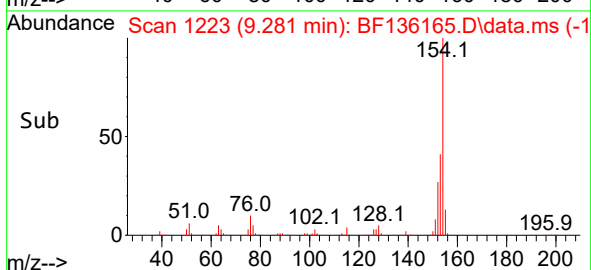
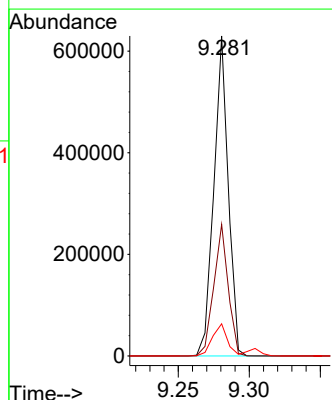
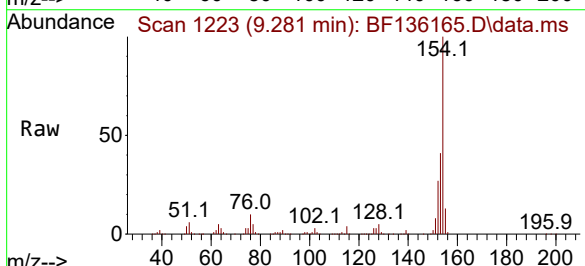
Tgt Ion:154 Resp: 445228

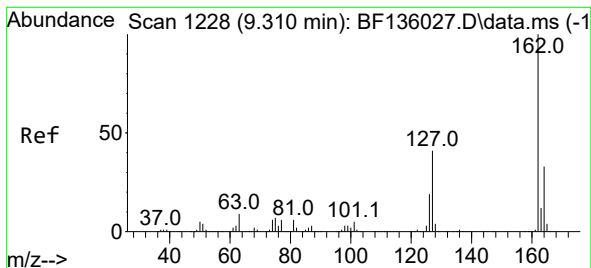
Ion Ratio Lower Upper

154 100

153 41.1 20.1 60.1

76 10.1 0.0 32.5

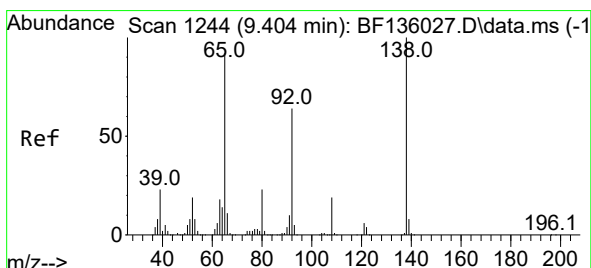
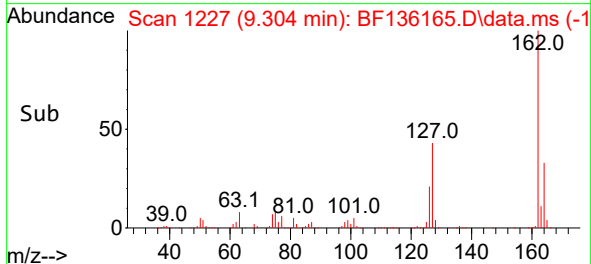
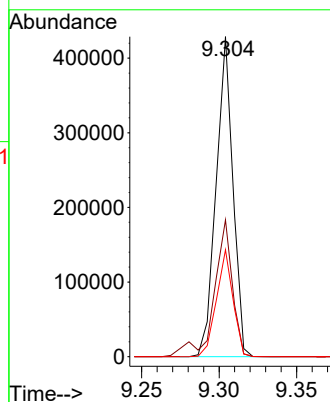
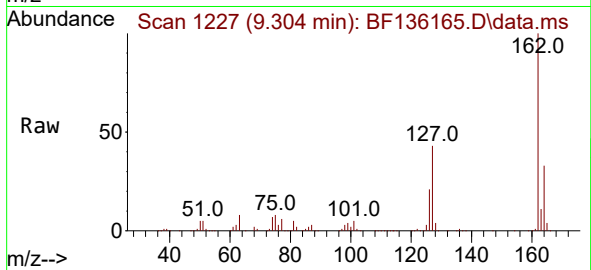




#47
2-Chloronaphthalene
Concen: 43.499 ng
RT: 9.304 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

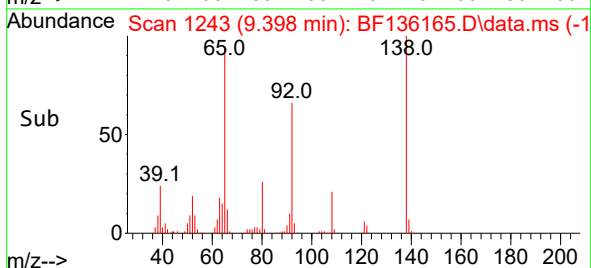
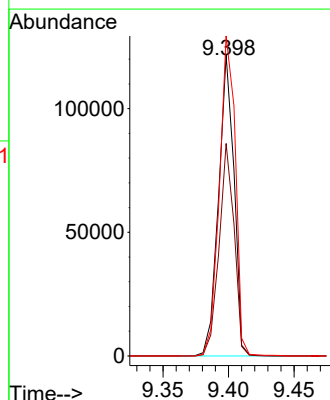
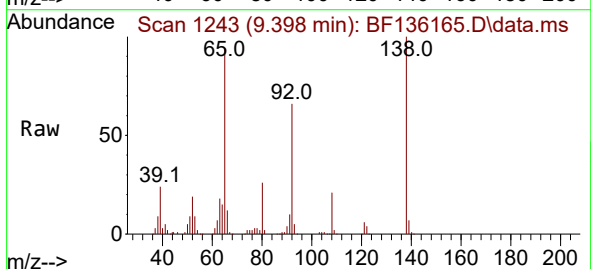
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

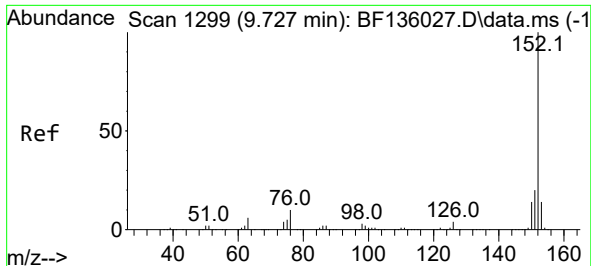
Tgt Ion:162 Resp: 322875
Ion Ratio Lower Upper
162 100
127 42.7 32.4 48.6
164 33.4 26.7 40.1



#48
2-Nitroaniline
Concen: 45.132 ng
RT: 9.398 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

Tgt Ion: 65 Resp: 99142
Ion Ratio Lower Upper
65 100
92 70.6 55.7 83.5
138 106.2 86.8 130.2





#49

Acenaphthylene

Concen: 42.192 ng

RT: 9.722 min Scan# 1299

Delta R.T. 0.000 min

Lab File: BF136165.D

Acq: 06 Nov 2023 21:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

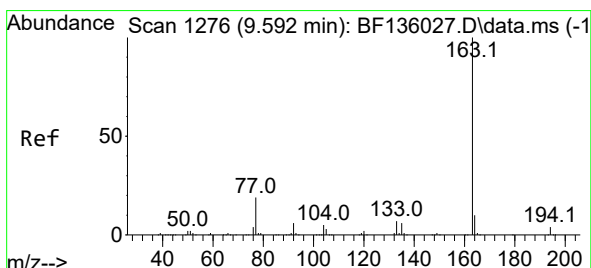
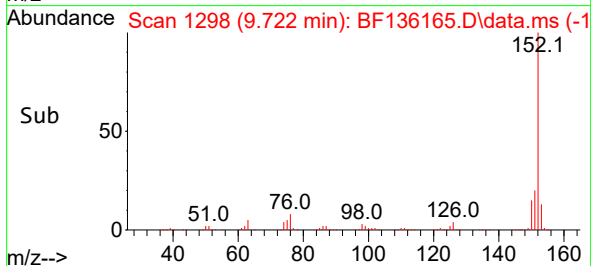
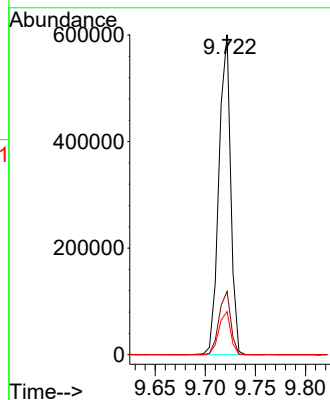
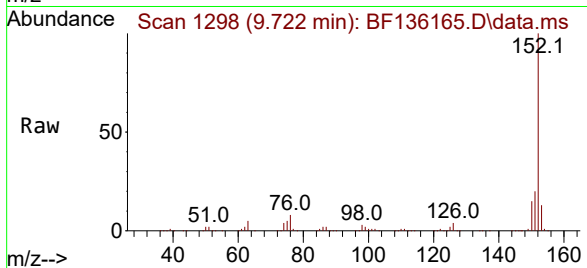
Tgt Ion:152 Resp: 488561

Ion Ratio Lower Upper

152 100

151 19.8 16.1 24.1

153 13.5 11.4 17.2



#50

Dimethylphthalate

Concen: 45.020 ng

RT: 9.581 min Scan# 1274

Delta R.T. -0.006 min

Lab File: BF136165.D

Acq: 06 Nov 2023 21:01

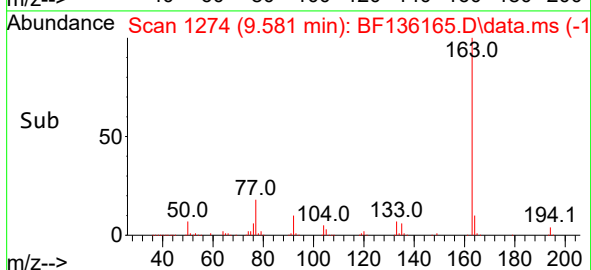
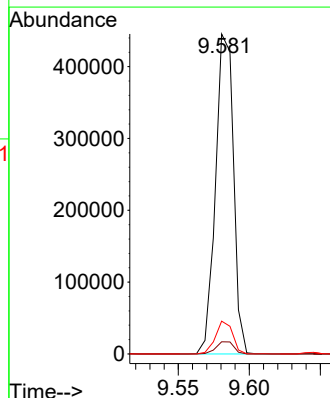
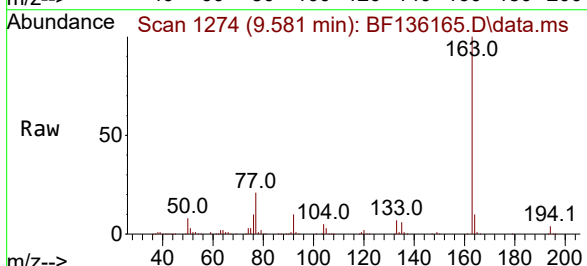
Tgt Ion:163 Resp: 392227

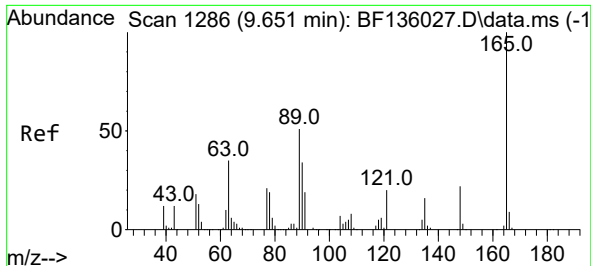
Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

164 10.2 8.1 12.1

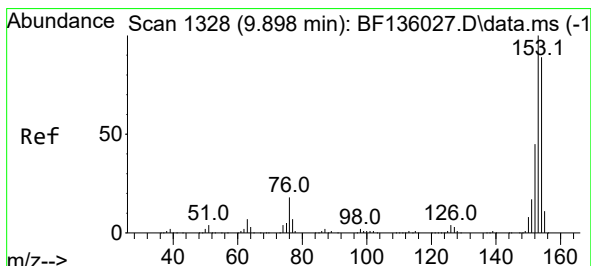
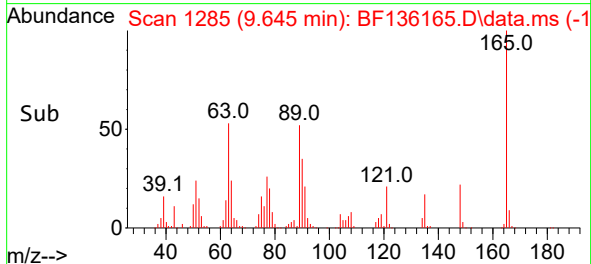
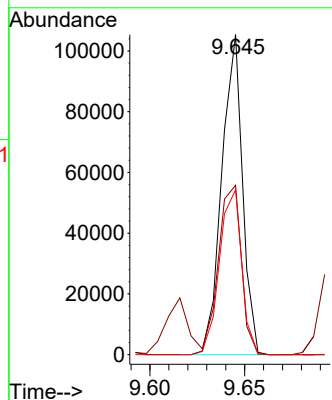
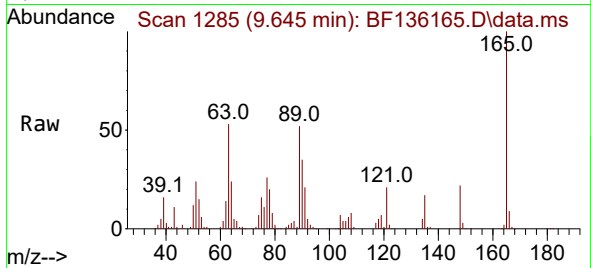




#51
2,6-Dinitrotoluene
Concen: 43.034 ng
RT: 9.645 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

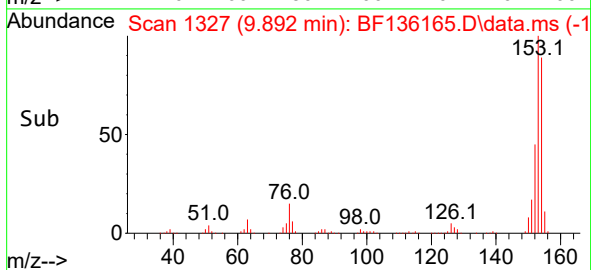
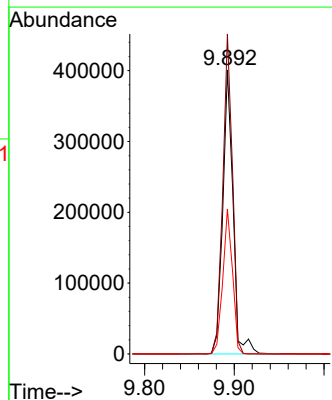
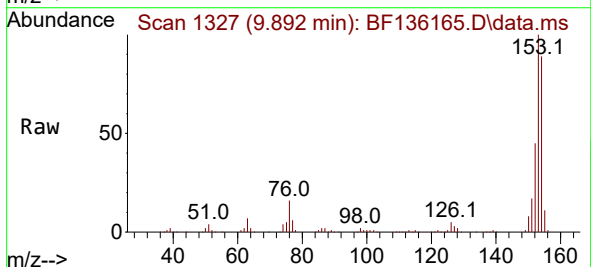
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

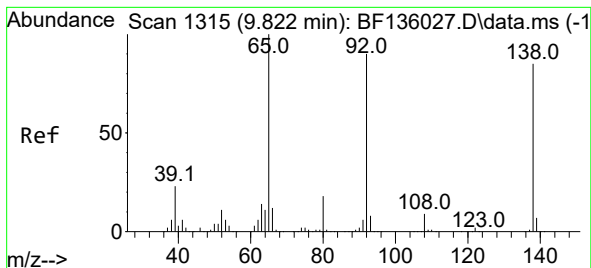
Tgt Ion:165 Resp: 80188
Ion Ratio Lower Upper
165 100
63 53.0 40.8 61.2
89 51.6 41.1 61.7



#52
Acenaphthene
Concen: 43.172 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

Tgt Ion:154 Resp: 317798
Ion Ratio Lower Upper
154 100
153 112.7 89.9 134.9
152 51.0 40.2 60.2

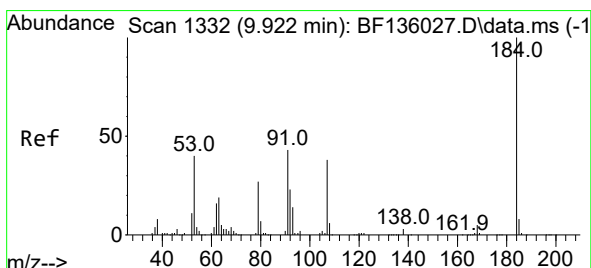
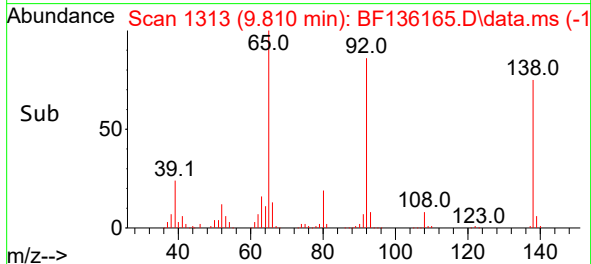
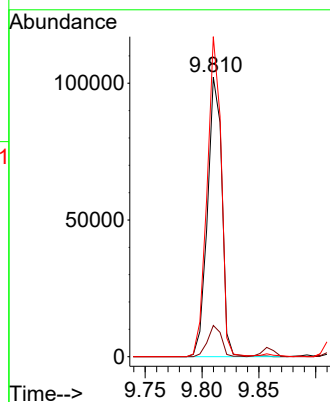
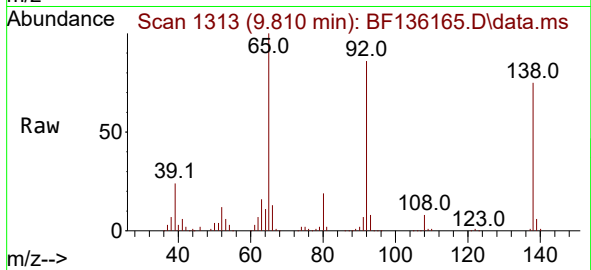




#53
3-Nitroaniline
Concen: 41.424 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

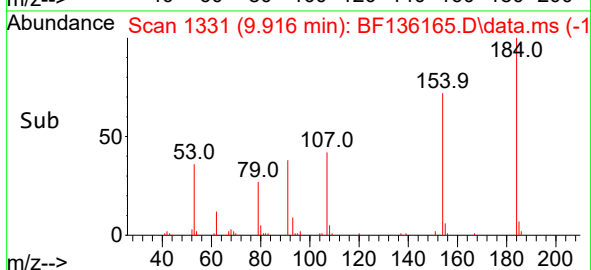
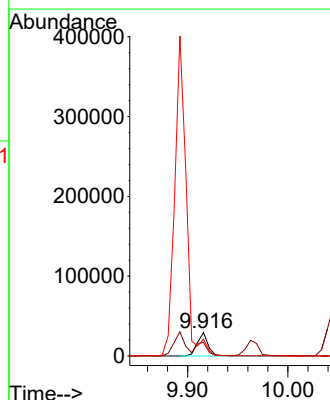
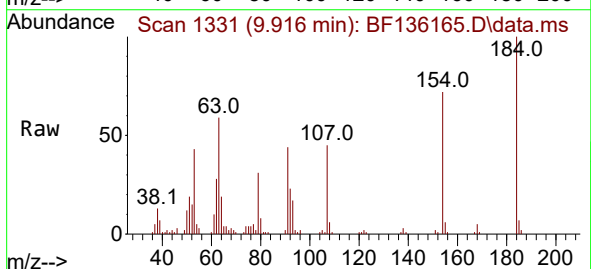
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

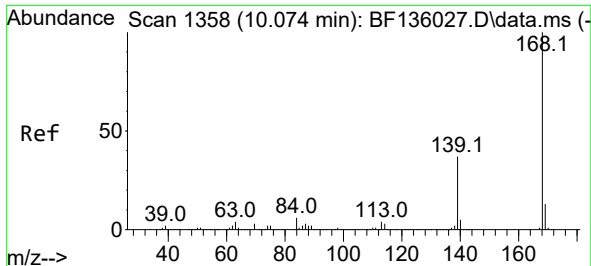
Tgt Ion:138 Resp: 90063
Ion Ratio Lower Upper
138 100
108 11.1 8.8 13.2
92 114.5 84.6 126.8



#54
2,4-Dinitrophenol
Concen: 27.714 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

Tgt Ion:184 Resp: 22140
Ion Ratio Lower Upper
184 100
63 58.7 43.7 65.5
154 72.1 51.2 76.8

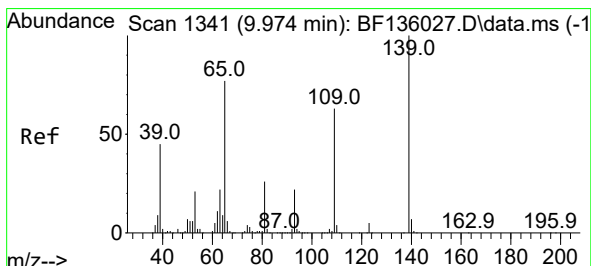
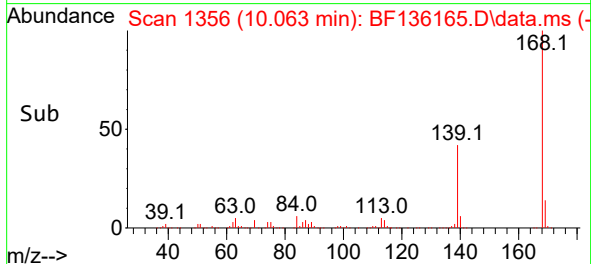
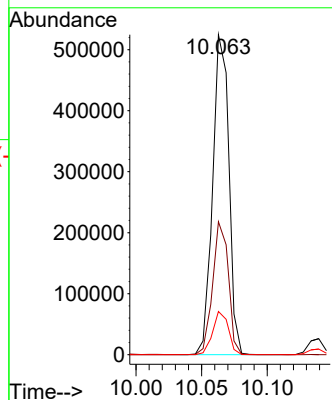
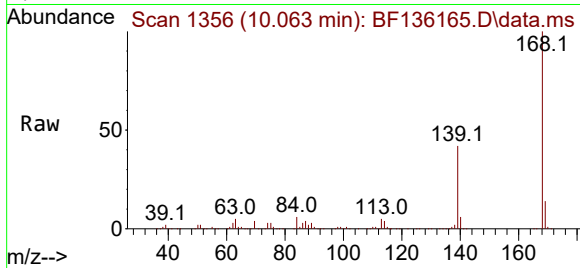




#55
Dibenzenofuran
Concen: 41.995 ng
RT: 10.063 min Scan# 1356
Delta R.T. -0.006 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

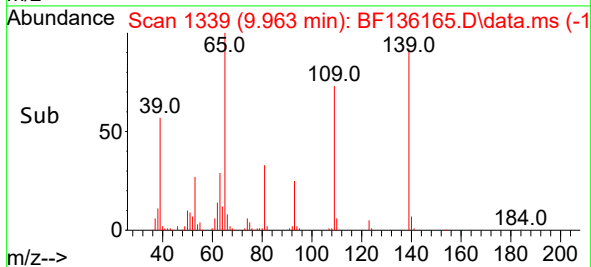
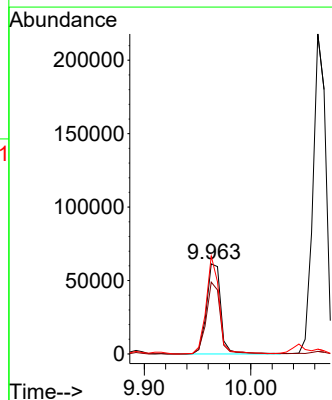
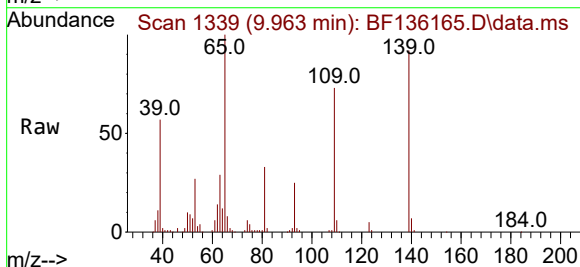
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

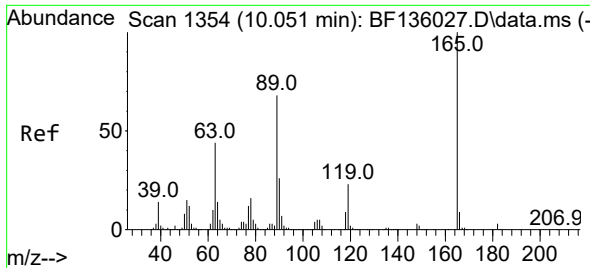
Tgt Ion:168 Resp: 450760
Ion Ratio Lower Upper
168 100
139 41.5 29.4 44.0
169 13.5 10.5 15.7



#56
4-Nitrophenol
Concen: 35.405 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

Tgt Ion:139 Resp: 57580
Ion Ratio Lower Upper
139 100
109 79.8 43.2 83.2
65 108.6 57.6 97.6#

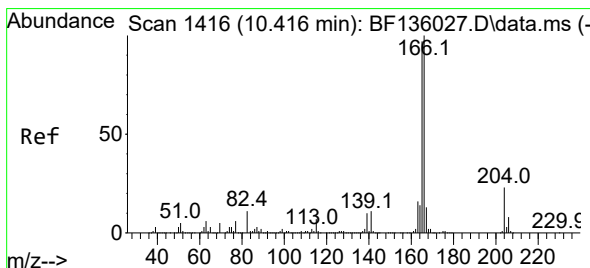
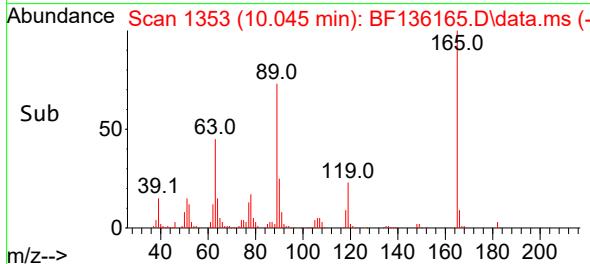
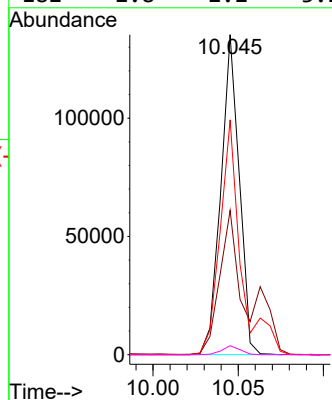
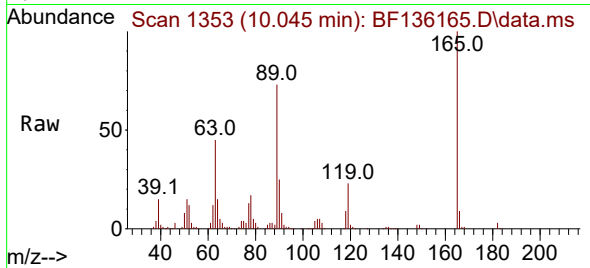




#57
2,4-Dinitrotoluene
Concen: 43.131 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

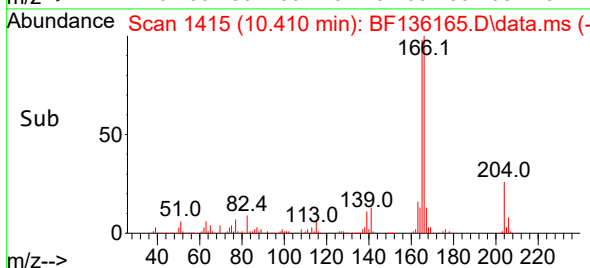
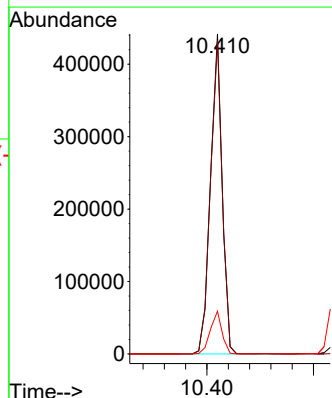
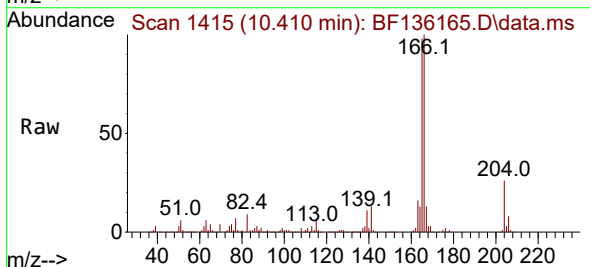
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

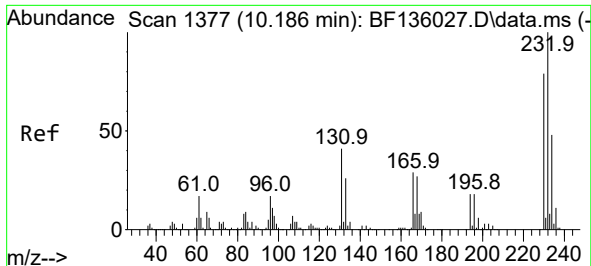
Tgt Ion:	165	Resp:	101684
Ion	Ratio	Lower	Upper
165	100		
63	45.1	35.2	52.8
89	73.4	54.8	82.2
182	2.8	2.2	3.2



#58
Fluorene
Concen: 41.885 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

Tgt Ion:	166	Resp:	336610
Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.7	116.5
167	13.3	10.6	16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.429 ng

RT: 10.180 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136165.D

Acq: 06 Nov 2023 21:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:232 Resp: 86921

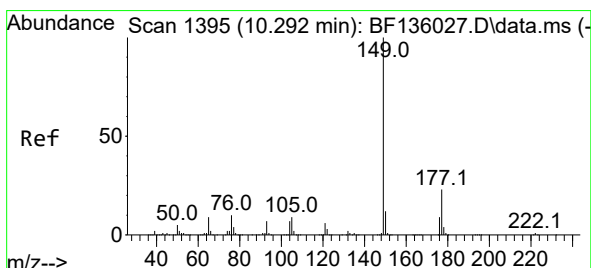
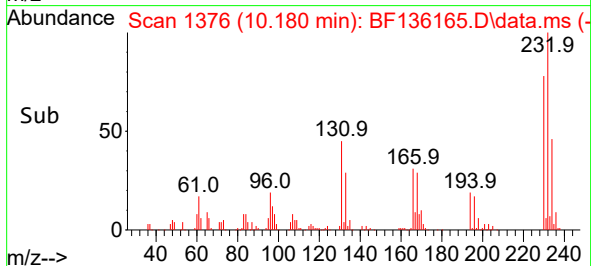
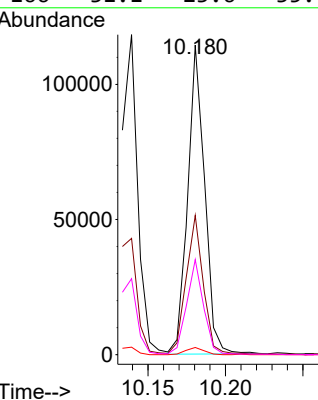
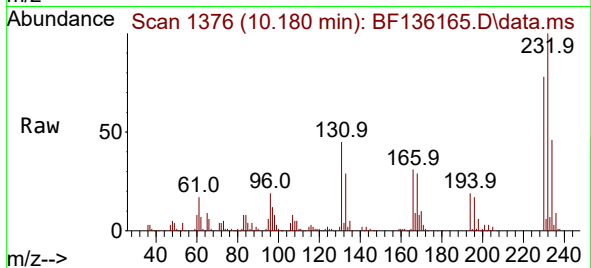
Ion Ratio Lower Upper

232 100

131 46.5 34.6 52.0

130 2.5 1.6 2.4#

166 31.1 23.6 35.4



#60

Diethylphthalate

Concen: 43.843 ng

RT: 10.286 min Scan# 1394

Delta R.T. 0.000 min

Lab File: BF136165.D

Acq: 06 Nov 2023 21:01

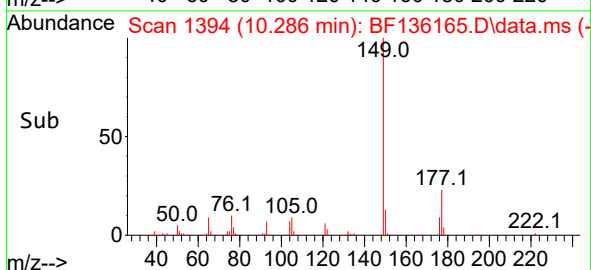
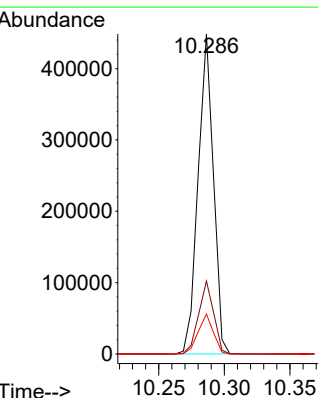
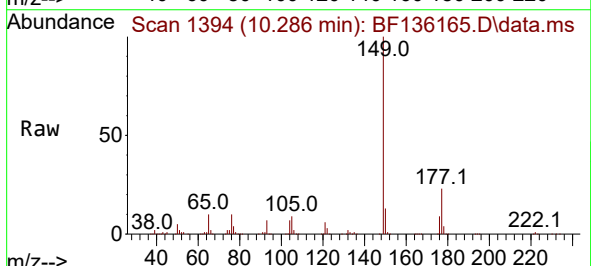
Tgt Ion:149 Resp: 364960

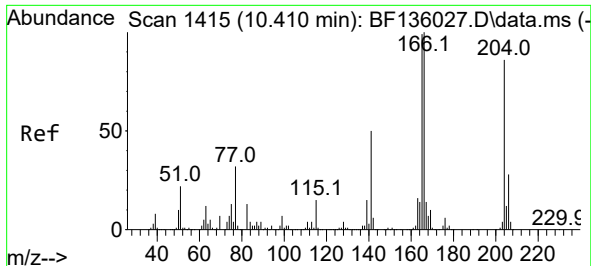
Ion Ratio Lower Upper

149 100

177 22.8 18.2 27.4

150 12.5 9.9 14.9

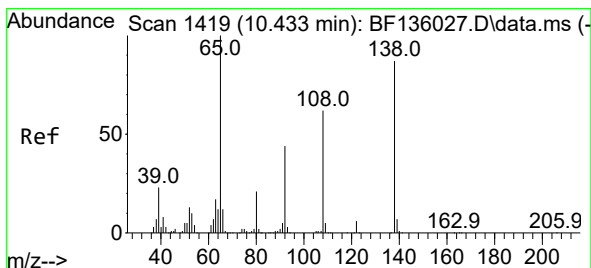
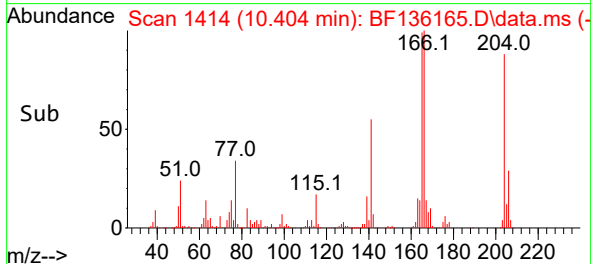
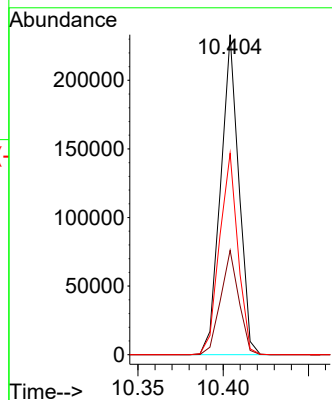
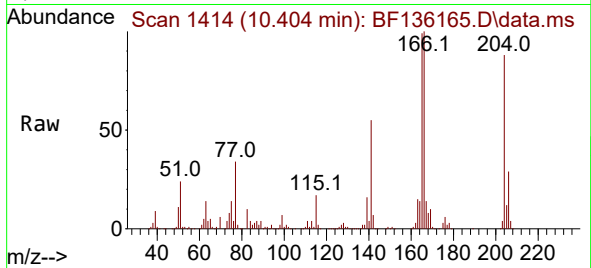




#61
4-Chlorophenyl-phenylether
Concen: 43.235 ng
RT: 10.404 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

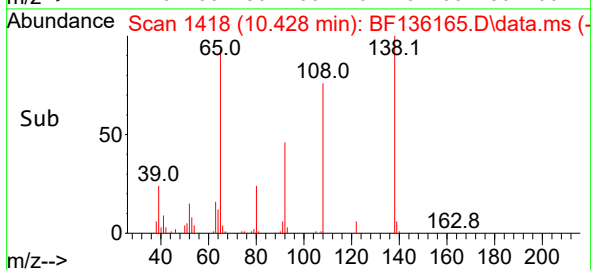
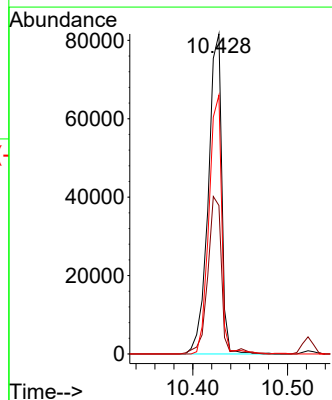
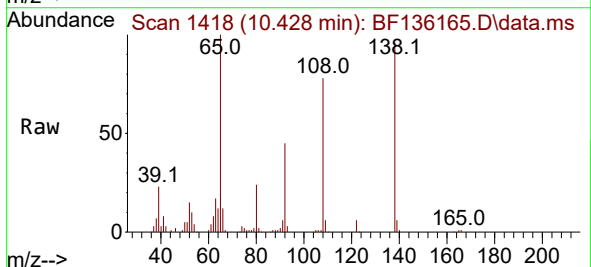
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

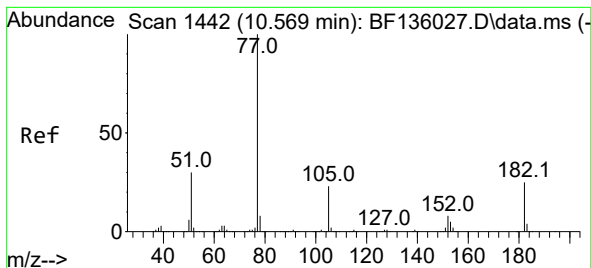
Tgt Ion:204 Resp: 173444
Ion Ratio Lower Upper
204 100
206 32.6 26.6 39.8
141 62.9 46.8 70.2



#62
4-Nitroaniline
Concen: 38.499 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

Tgt Ion:138 Resp: 80602
Ion Ratio Lower Upper
138 100
92 46.4 30.6 70.6
108 80.8 51.5 91.5





#63

Azobenzene

Concen: 40.056 ng

RT: 10.563 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF136165.D

Acq: 06 Nov 2023 21:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 321120

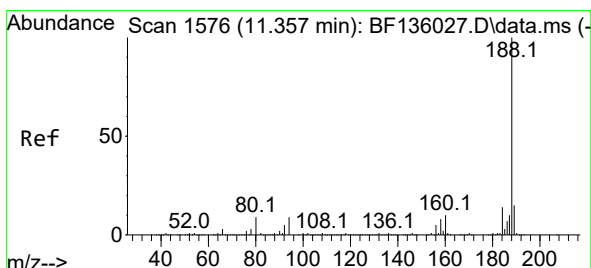
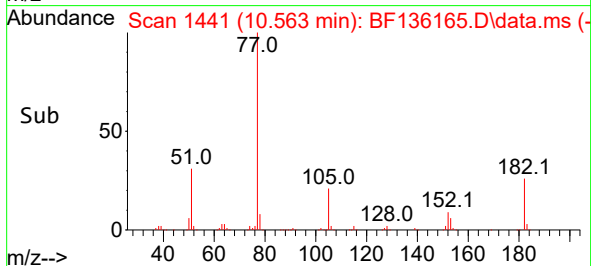
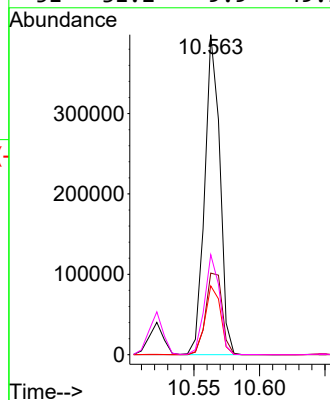
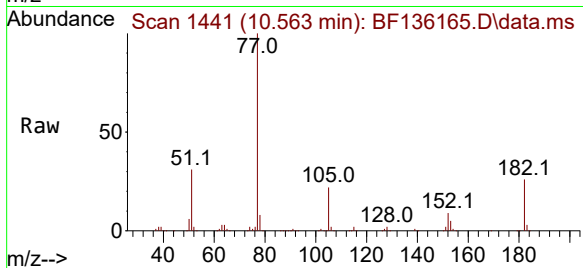
Ion Ratio Lower Upper

77 100

182 25.5 5.0 45.0

105 21.5 2.6 42.6

51 31.2 9.9 49.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1575

Delta R.T. 0.000 min

Lab File: BF136165.D

Acq: 06 Nov 2023 21:01

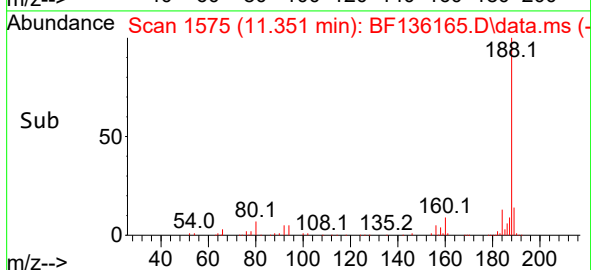
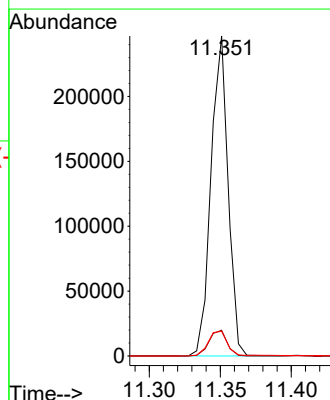
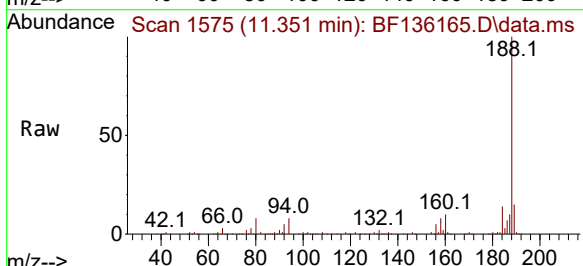
Tgt Ion:188 Resp: 205918

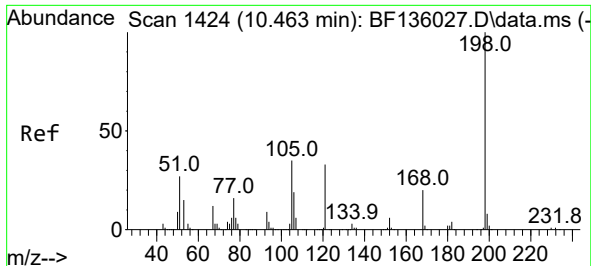
Ion Ratio Lower Upper

188 100

94 8.1 7.2 10.8

80 7.7 7.4 11.0

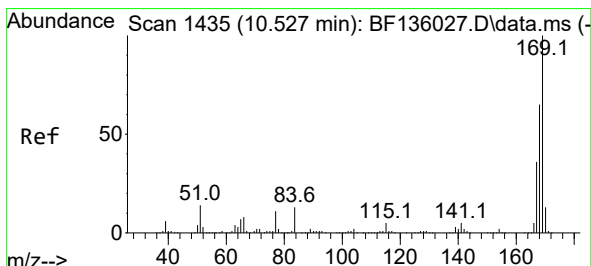
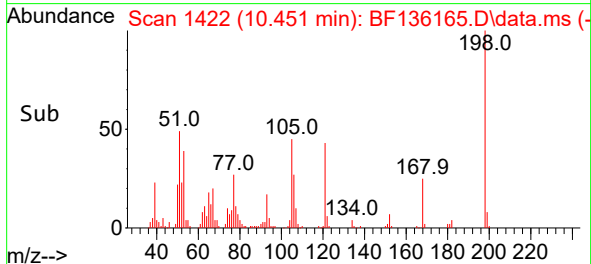
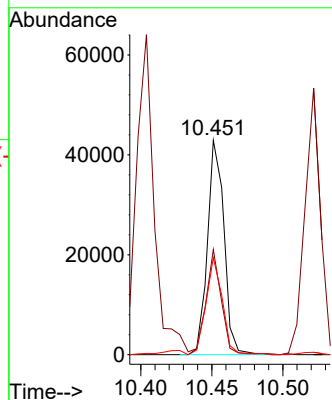
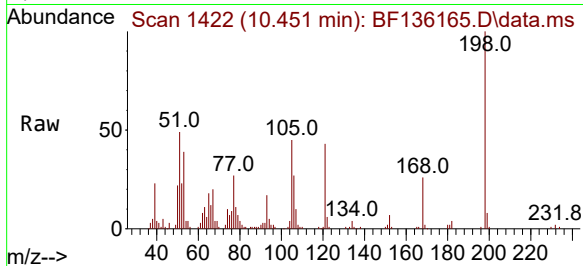




#65
4,6-Dinitro-2-methylphenol
Concen: 32.862 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

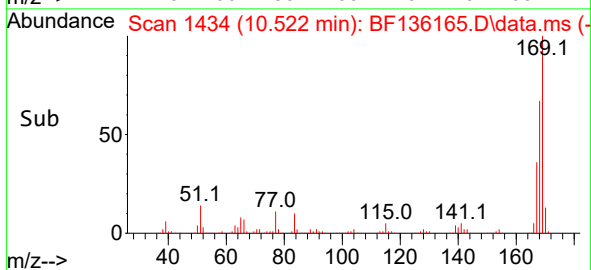
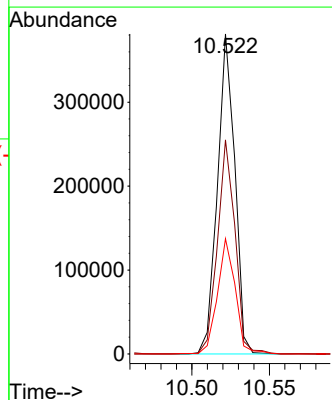
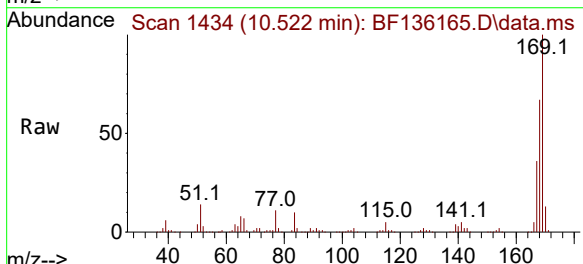
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

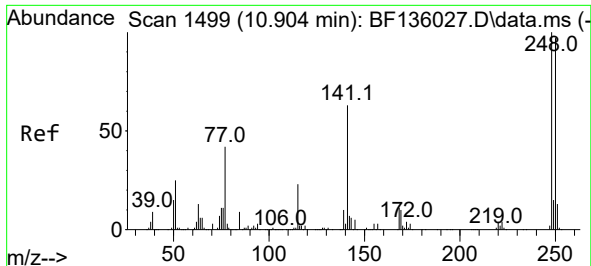
Tgt Ion:198 Resp: 34832
Ion Ratio Lower Upper
198 100
51 49.1 12.9 52.9
105 45.3 16.0 56.0



#66
n-Nitrosodiphenylamine
Concen: 47.800 ng
RT: 10.522 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

Tgt Ion:169 Resp: 296921
Ion Ratio Lower Upper
169 100
168 66.9 52.2 78.2
167 36.0 28.7 43.1

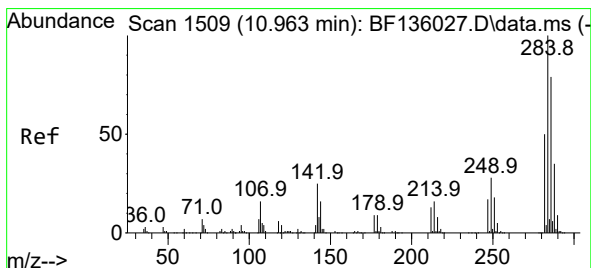
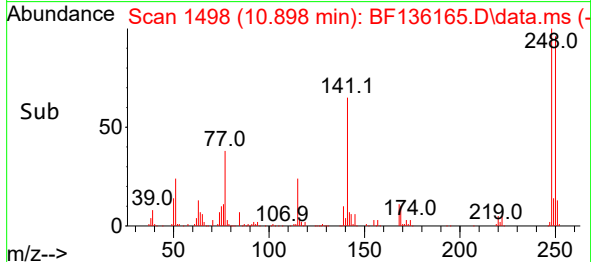
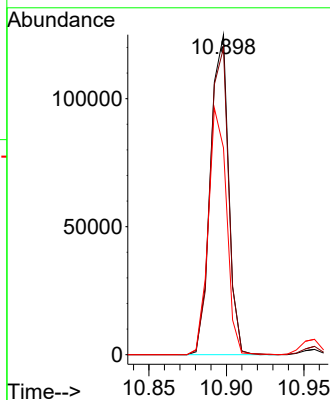
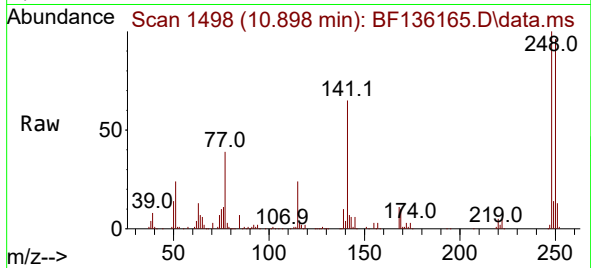




#67
4-Bromophenyl-phenylether
Concen: 47.131 ng
RT: 10.898 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

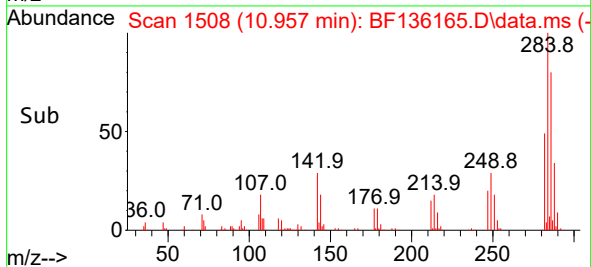
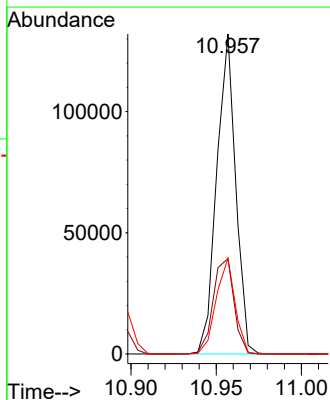
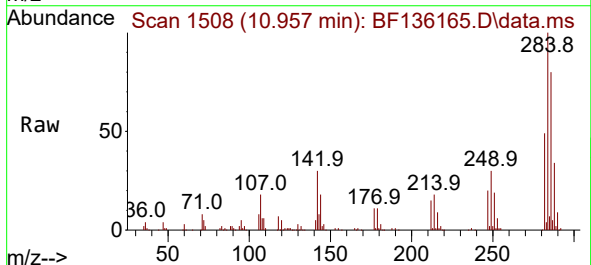
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

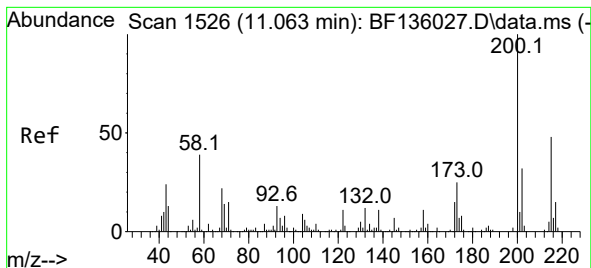
Tgt Ion:248 Resp: 101752
Ion Ratio Lower Upper
248 100
250 95.9 77.6 116.4
141 64.6 50.4 75.6



#68
Hexachlorobenzene
Concen: 44.370 ng
RT: 10.957 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

Tgt Ion:284 Resp: 102305
Ion Ratio Lower Upper
284 100
142 29.8 20.2 30.4
249 29.9 22.6 33.8





#69

Atrazine

Concen: 41.516 ng

RT: 11.051 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136165.D

Acq: 06 Nov 2023 21:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

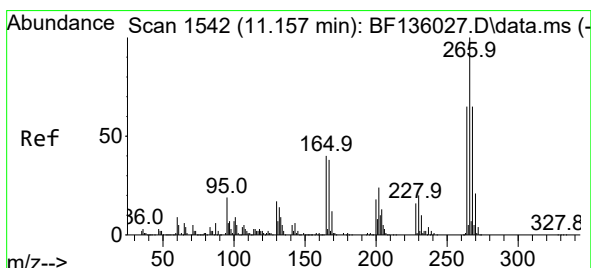
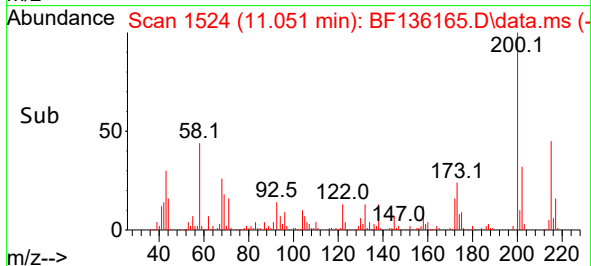
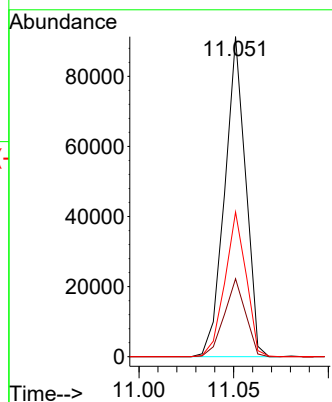
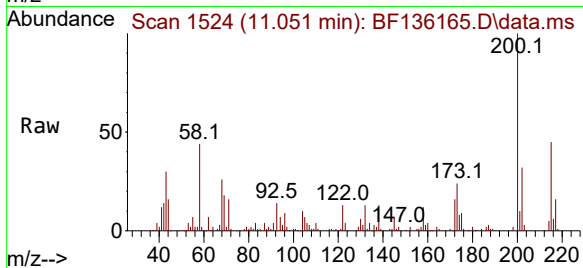
Tgt Ion:200 Resp: 70167

Ion Ratio Lower Upper

200 100

173 24.4 5.2 45.2

215 45.2 28.4 68.4



#70

Pentachlorophenol

Concen: 40.328 ng

RT: 11.151 min Scan# 1541

Delta R.T. 0.000 min

Lab File: BF136165.D

Acq: 06 Nov 2023 21:01

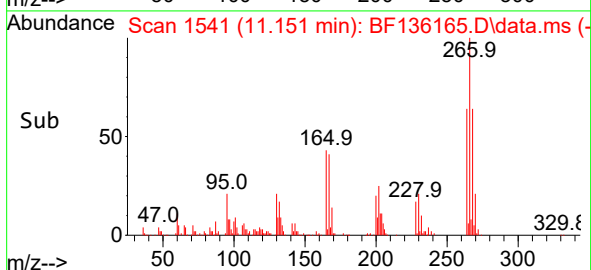
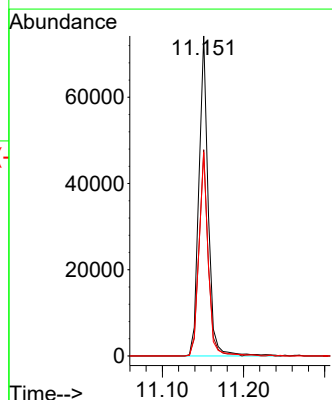
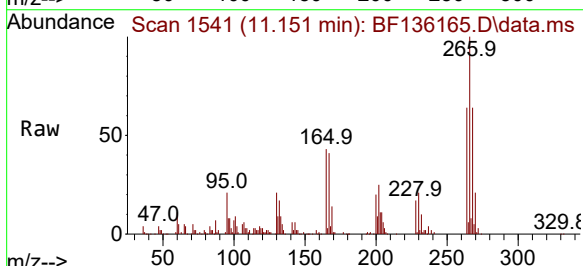
Tgt Ion:266 Resp: 59718

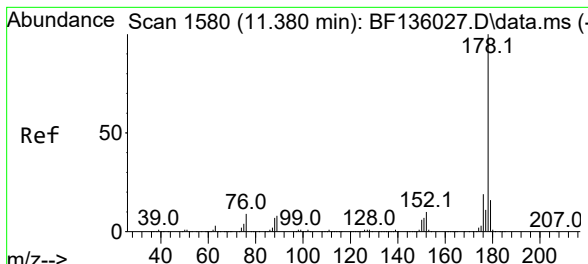
Ion Ratio Lower Upper

266 100

268 64.4 52.2 78.4

264 63.6 52.2 78.4



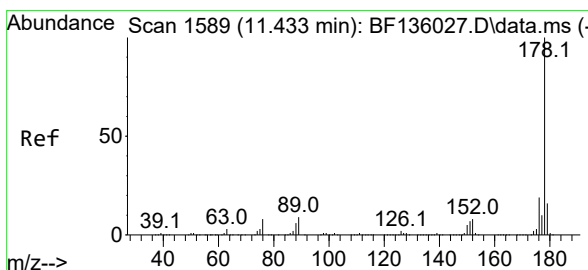
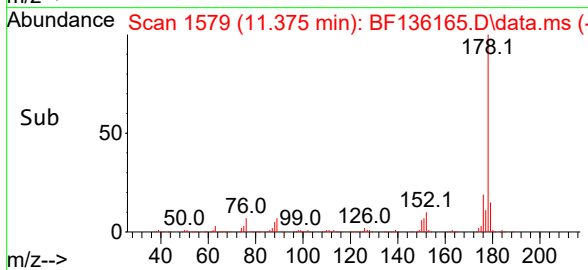
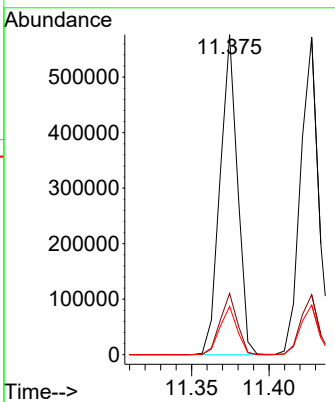
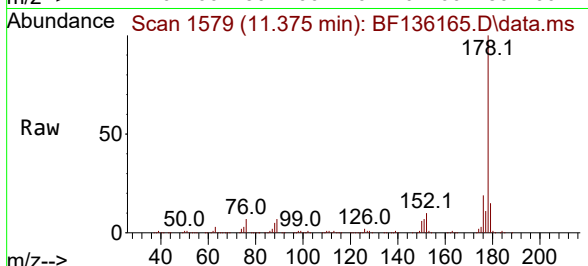


#71
 Phenanthrene
 Concen: 43.407 ng
 RT: 11.375 min Scan# 1579
 Delta R.T. 0.000 min
 Lab File: BF136165.D
 Acq: 06 Nov 2023 21:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:178 Resp: 450050

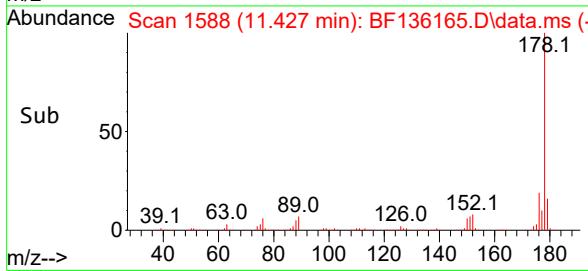
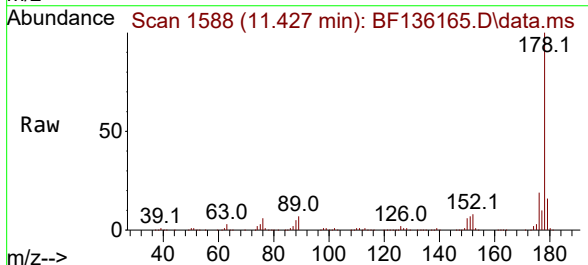
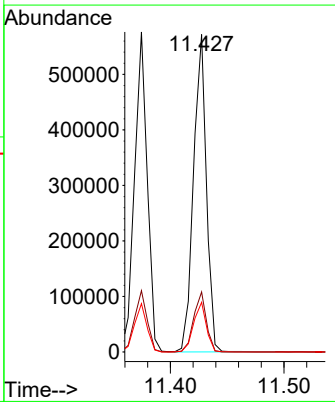
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.1	12.9	19.3

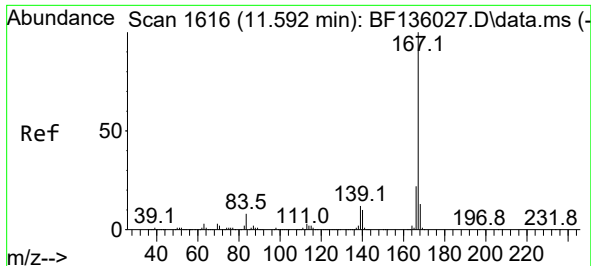


#72
 Anthracene
 Concen: 42.552 ng
 RT: 11.427 min Scan# 1588
 Delta R.T. 0.000 min
 Lab File: BF136165.D
 Acq: 06 Nov 2023 21:01

Tgt Ion:178 Resp: 452080

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.6	12.6	18.8

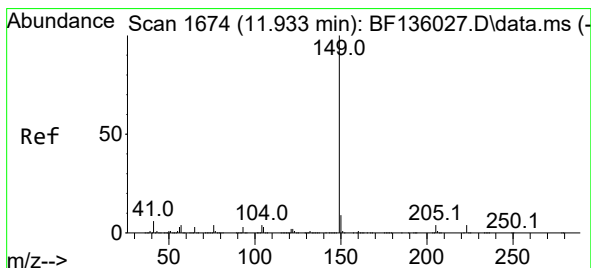
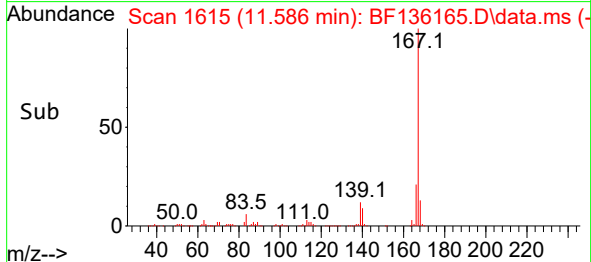
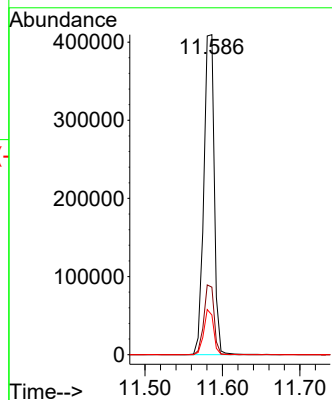
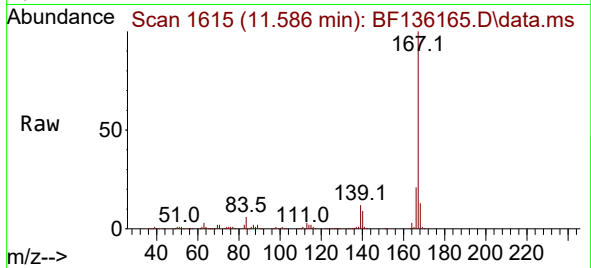




#73
 Carbazole
 Concen: 41.405 ng
 RT: 11.586 min Scan# 1615
 Delta R.T. 0.000 min
 Lab File: BF136165.D
 Acq: 06 Nov 2023 21:01

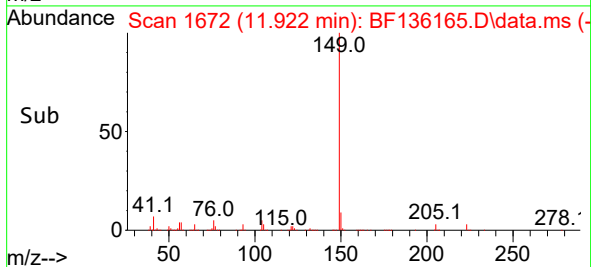
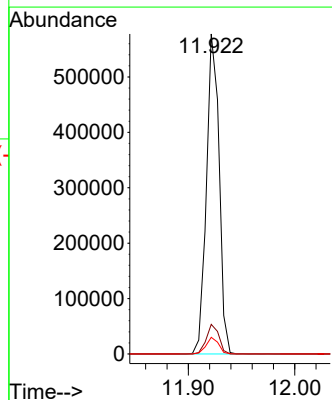
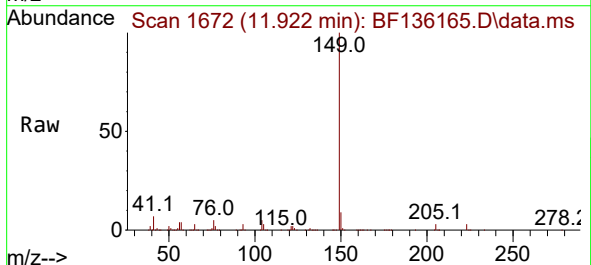
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

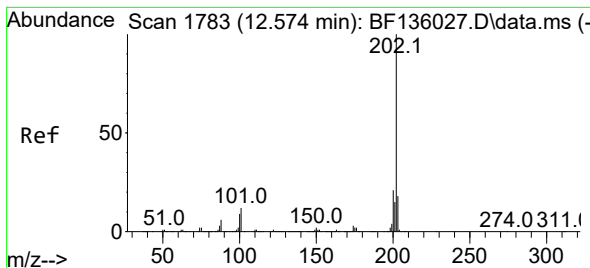
Tgt Ion:167 Resp: 382256
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.2 25.8
 139 12.4 9.9 14.9



#74
 Di-n-butylphthalate
 Concen: 45.427 ng
 RT: 11.922 min Scan# 1672
 Delta R.T. -0.006 min
 Lab File: BF136165.D
 Acq: 06 Nov 2023 21:01

Tgt Ion:149 Resp: 479218
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 5.2 3.6 5.4





#75

Fluoranthene

Concen: 42.322 ng

RT: 12.569 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136165.D

Acq: 06 Nov 2023 21:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

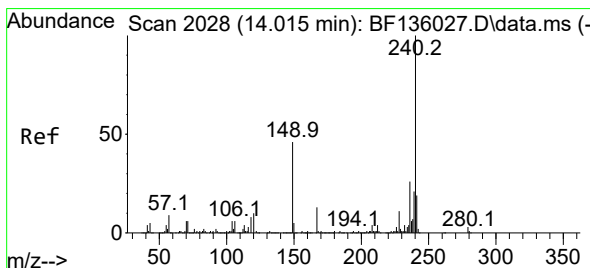
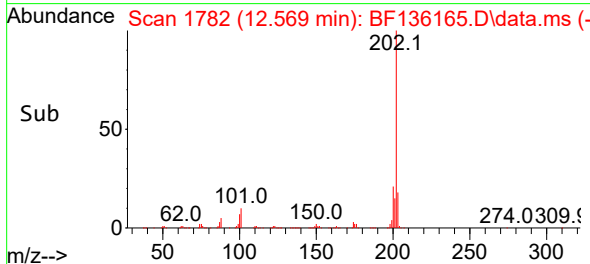
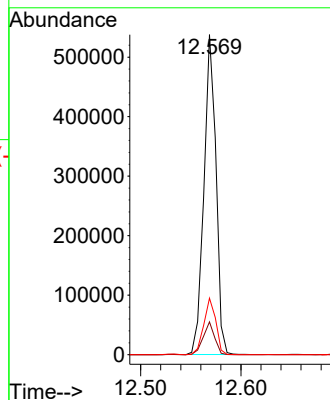
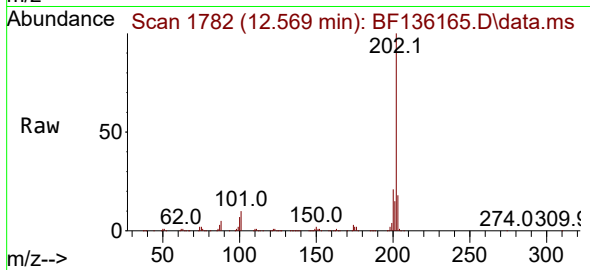
Tgt Ion:202 Resp: 450781

Ion Ratio Lower Upper

202 100

101 10.2 0.0 31.8

203 17.7 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF136165.D

Acq: 06 Nov 2023 21:01

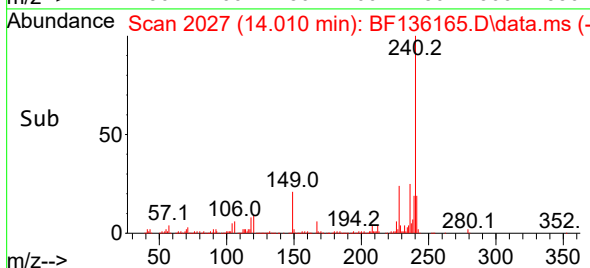
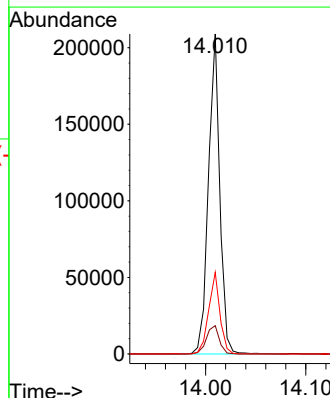
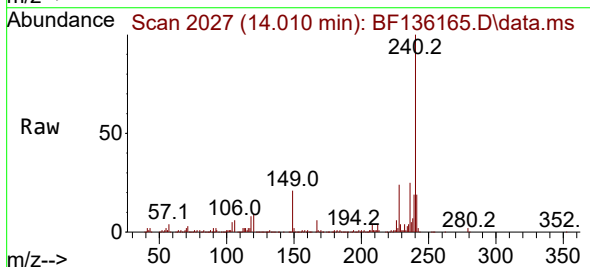
Tgt Ion:240 Resp: 164973

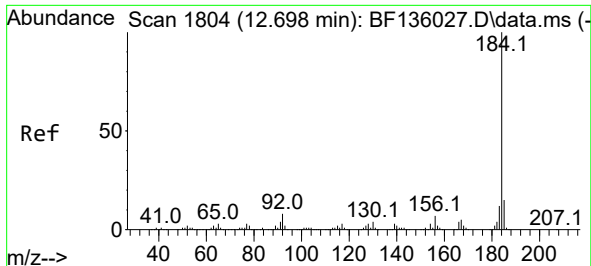
Ion Ratio Lower Upper

240 100

120 8.8 7.6 11.4

236 25.5 20.6 31.0

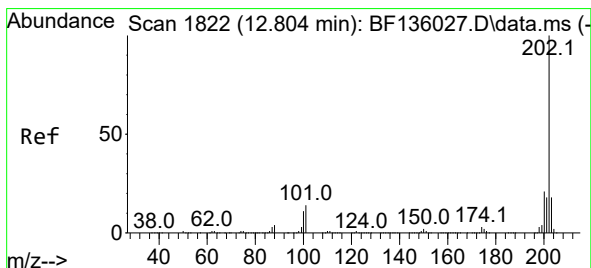
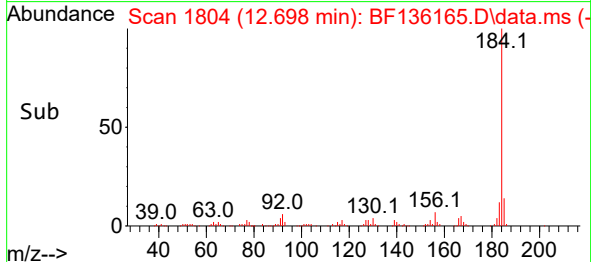
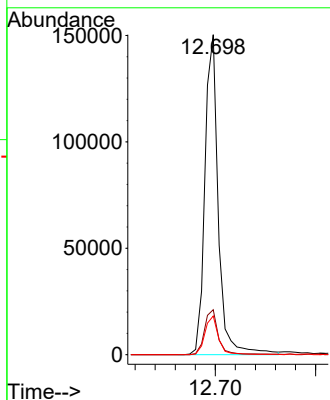
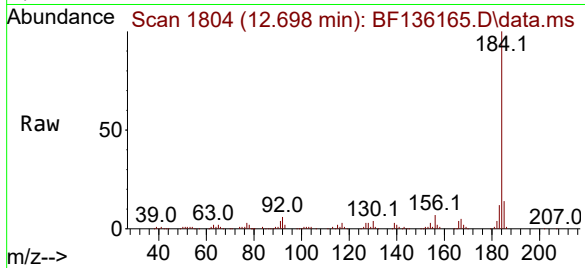




#77
Benzidine
Concen: 43.613 ng
RT: 12.698 min Scan# 1804
Delta R.T. 0.000 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

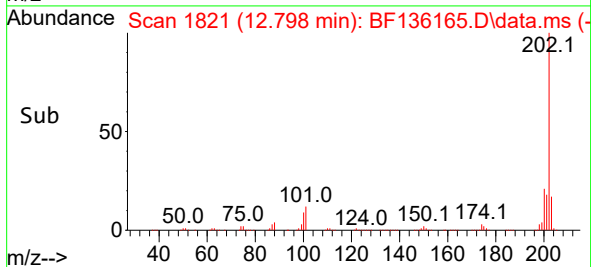
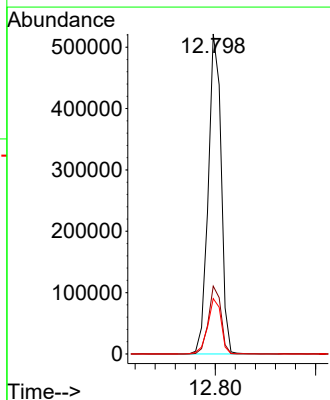
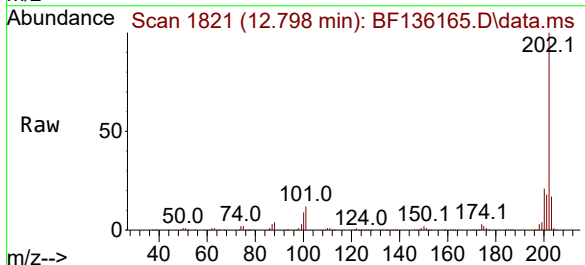
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

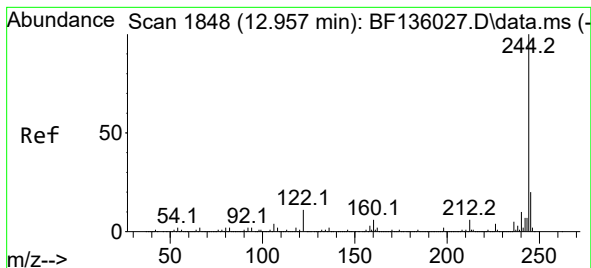
Tgt Ion:184 Resp: 140235
Ion Ratio Lower Upper
184 100
185 14.0 11.8 17.8
183 12.1 9.5 14.3



#78
Pyrene
Concen: 32.066 ng
RT: 12.798 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

Tgt Ion:202 Resp: 466401
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.3 14.4 21.6





#79

Terphenyl-d14

Concen: 66.500 ng

RT: 12.951 min Scan# 1847

Delta R.T. 0.000 min

Lab File: BF136165.D

Acq: 06 Nov 2023 21:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

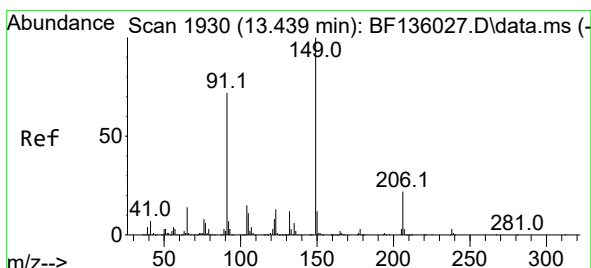
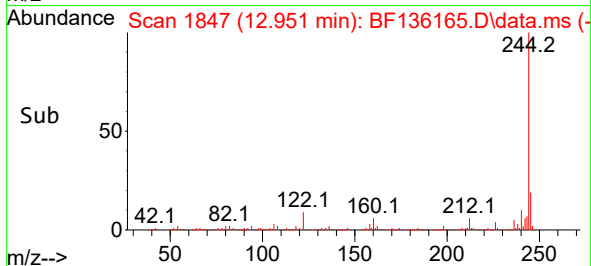
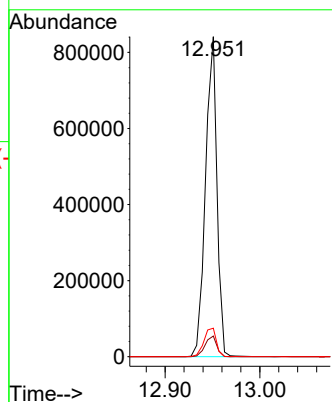
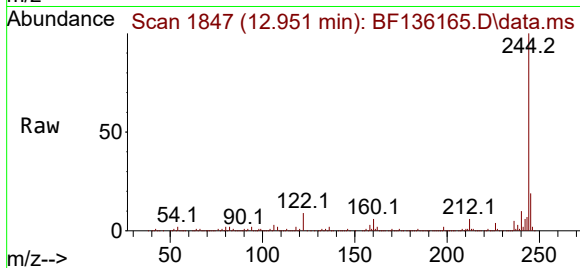
Tgt Ion:244 Resp: 705946

Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

122 8.9 8.6 12.8



#80

Butylbenzylphthalate

Concen: 34.363 ng

RT: 13.433 min Scan# 1929

Delta R.T. 0.000 min

Lab File: BF136165.D

Acq: 06 Nov 2023 21:01

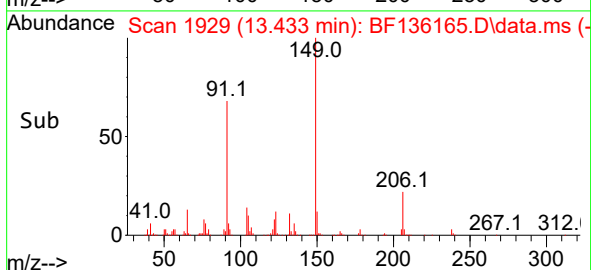
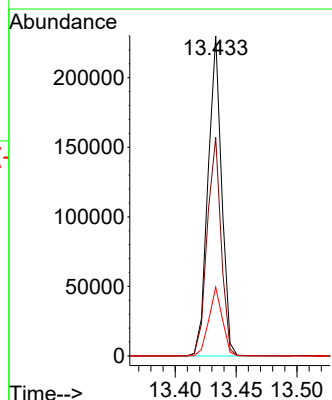
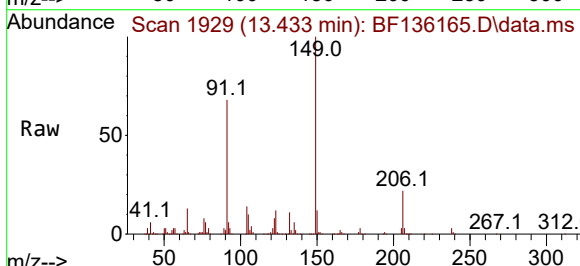
Tgt Ion:149 Resp: 178905

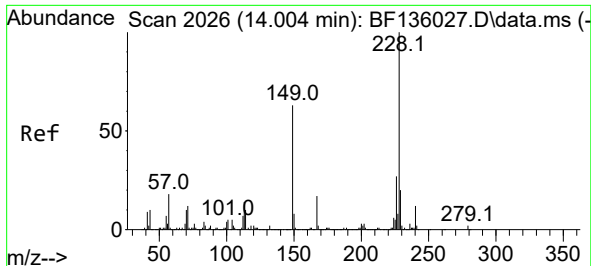
Ion Ratio Lower Upper

149 100

91 68.3 57.6 86.4

206 21.5 17.4 26.0

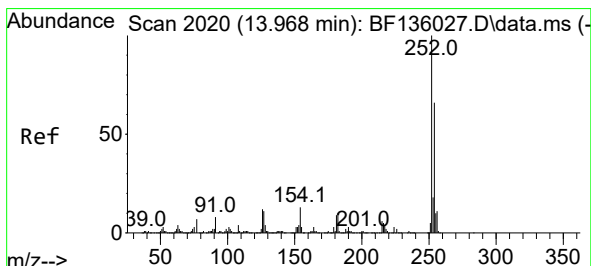
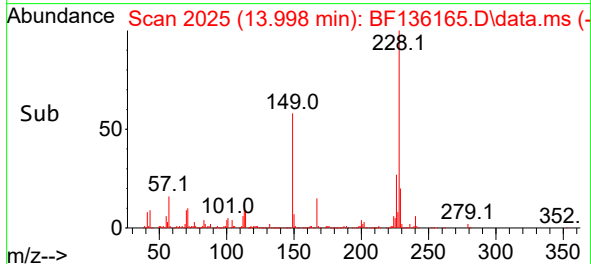
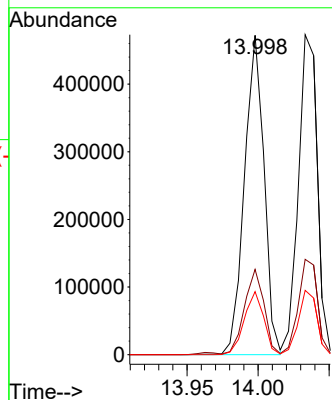
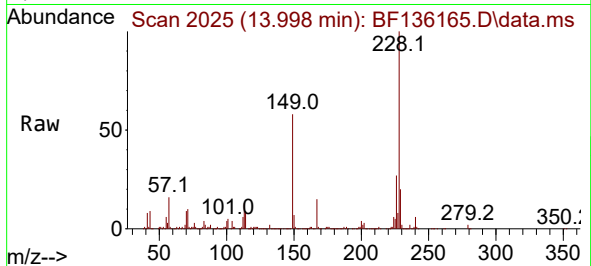




#81
Benzo(a)anthracene
Concen: 41.461 ng
RT: 13.998 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

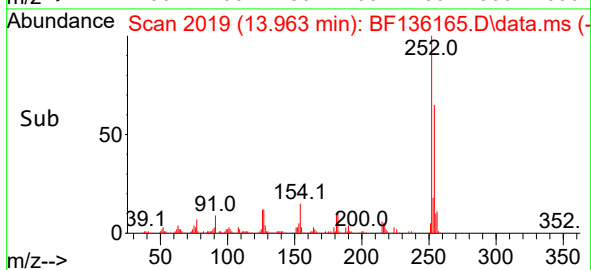
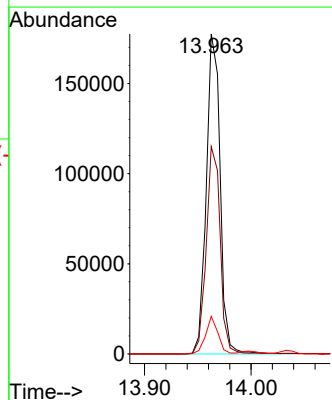
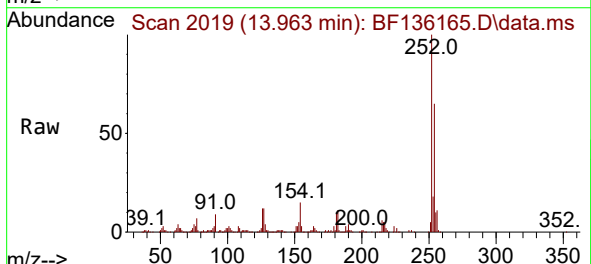
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

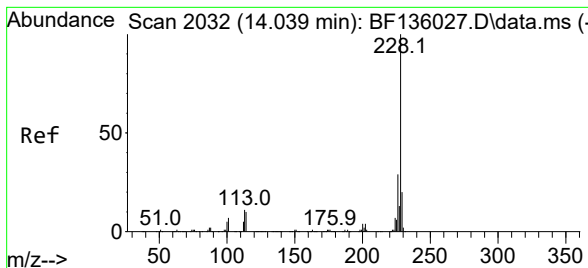
Tgt Ion:228 Resp: 452828
Ion Ratio Lower Upper
228 100
226 26.7 21.5 32.3
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 46.049 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

Tgt Ion:252 Resp: 160521
Ion Ratio Lower Upper
252 100
254 64.8 52.5 78.7
126 11.7 9.4 14.2





#83

Chrysene

Concen: 40.784 ng

RT: 14.033 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF136165.D

Acq: 06 Nov 2023 21:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

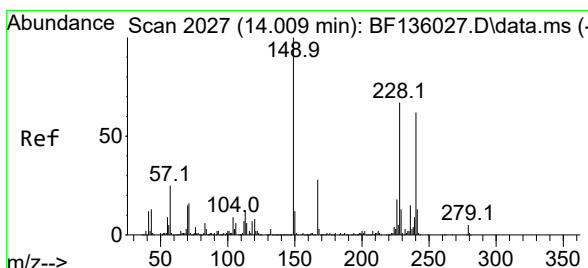
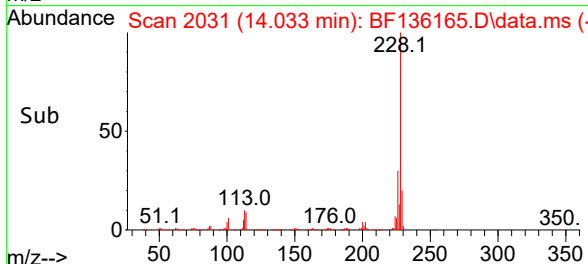
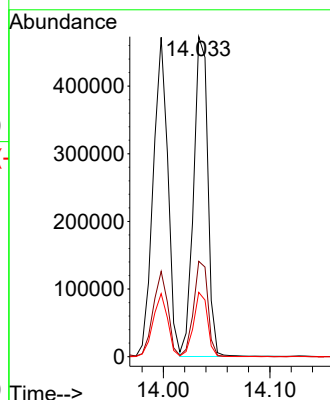
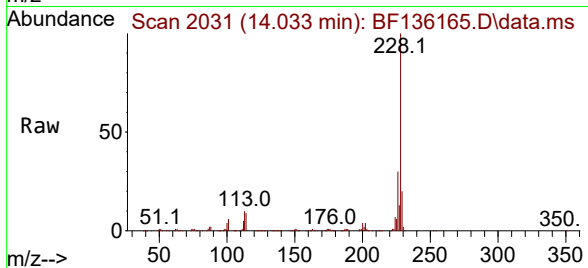
Tgt Ion:228 Resp: 438668

Ion Ratio Lower Upper

228 100

226 29.8 23.5 35.3

229 20.1 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.216 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF136165.D

Acq: 06 Nov 2023 21:01

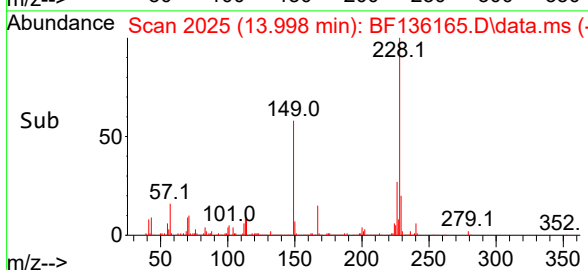
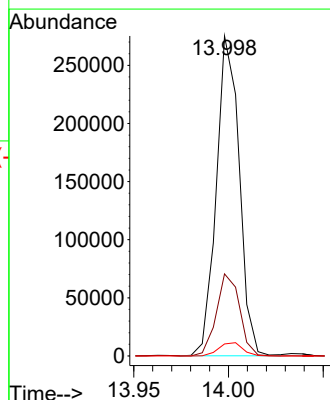
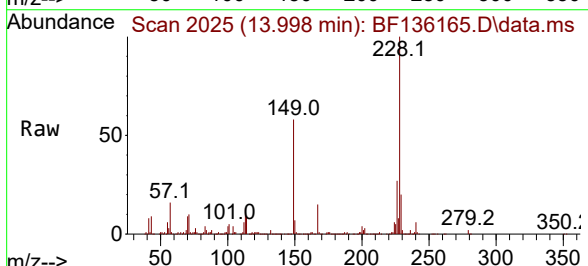
Tgt Ion:149 Resp: 231809

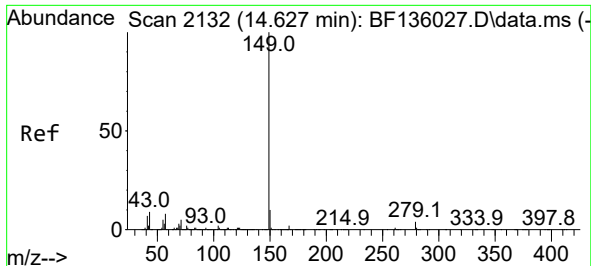
Ion Ratio Lower Upper

149 100

167 25.7 22.6 33.8

279 3.8 4.1 6.1#

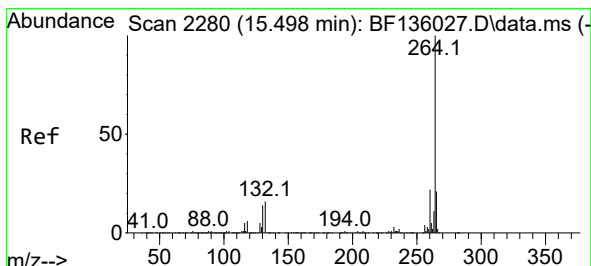
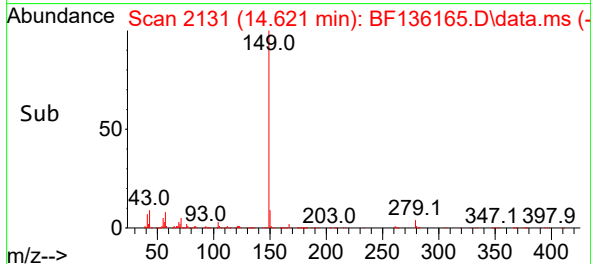
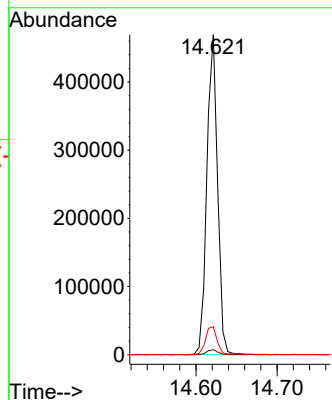
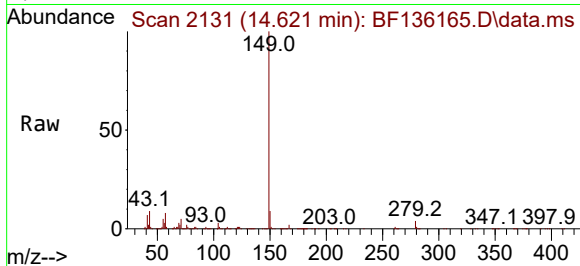




#85
Di-n-octyl phthalate
Concen: 47.002 ng
RT: 14.621 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

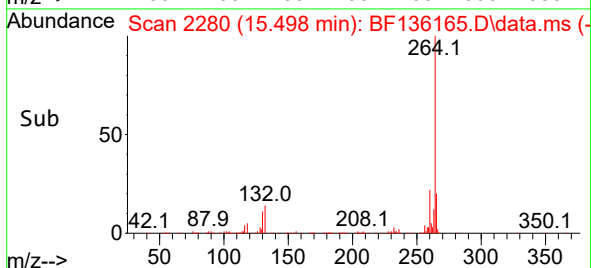
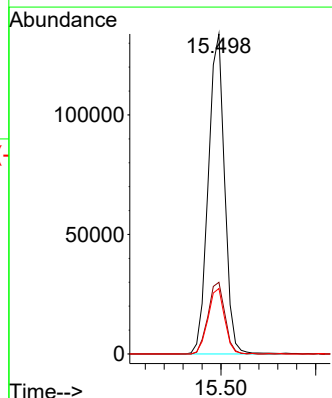
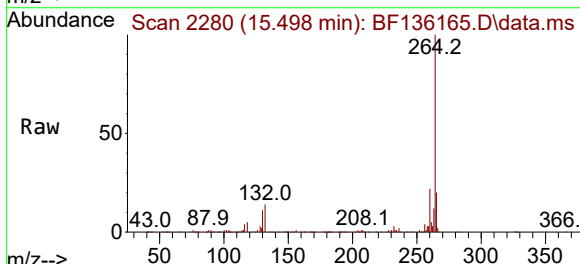
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

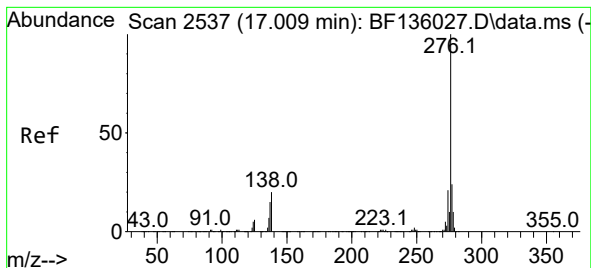
Tgt Ion:149 Resp: 427093
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.9 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

Tgt Ion:264 Resp: 159442
Ion Ratio Lower Upper
264 100
260 22.4 17.9 26.9
265 20.5 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 29.441 ng

RT: 17.009 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136165.D

Acq: 06 Nov 2023 21:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

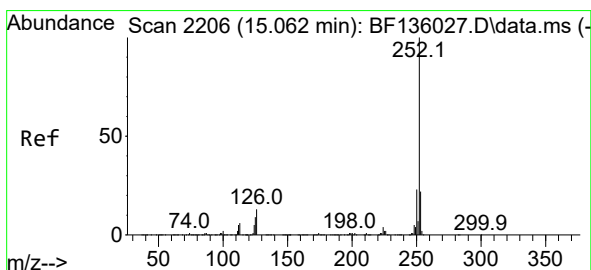
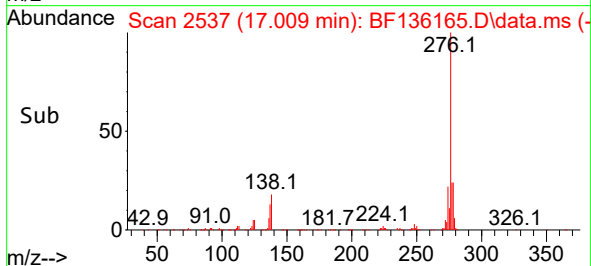
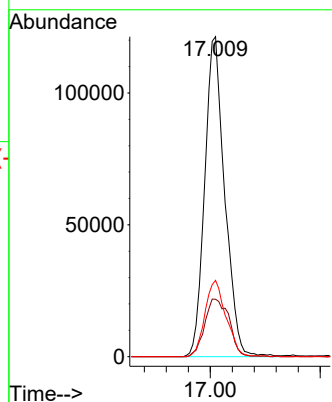
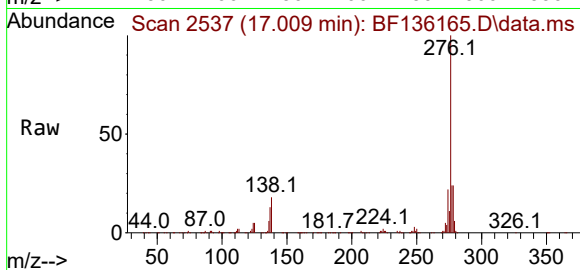
Tgt Ion:276 Resp: 306784

Ion Ratio Lower Upper

276 100

138 22.0 20.4 30.6

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 44.117 ng

RT: 15.057 min Scan# 2205

Delta R.T. 0.000 min

Lab File: BF136165.D

Acq: 06 Nov 2023 21:01

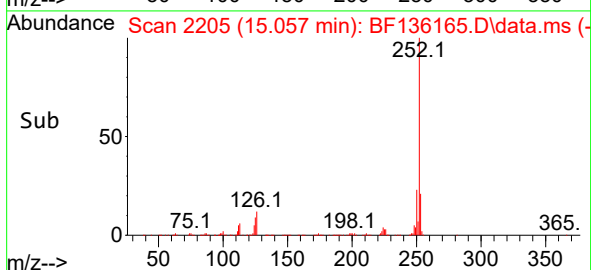
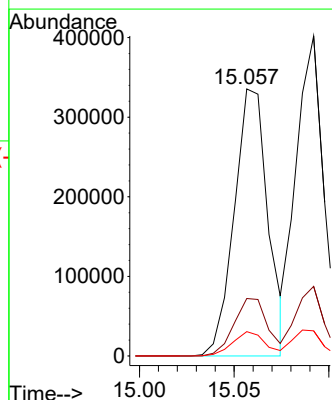
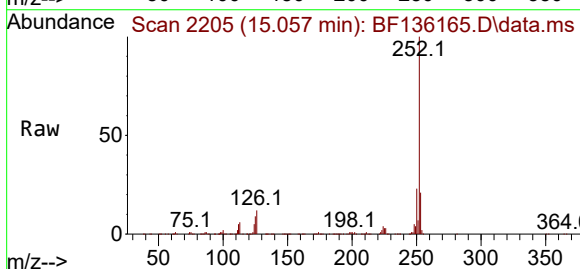
Tgt Ion:252 Resp: 416224

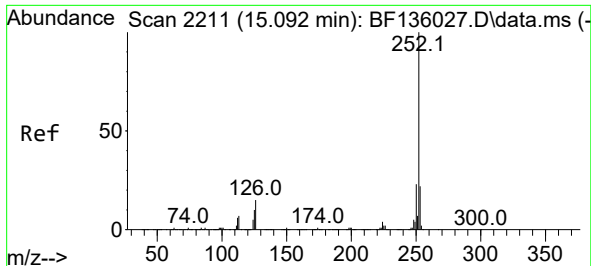
Ion Ratio Lower Upper

252 100

253 21.5 17.7 26.5

125 9.1 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 44.588 ng

RT: 15.057 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF136165.D

Acq: 06 Nov 2023 21:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

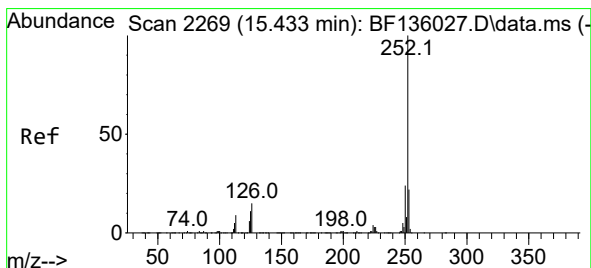
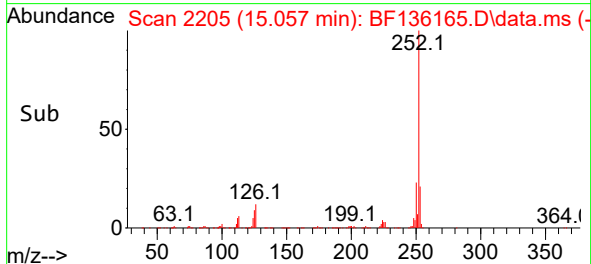
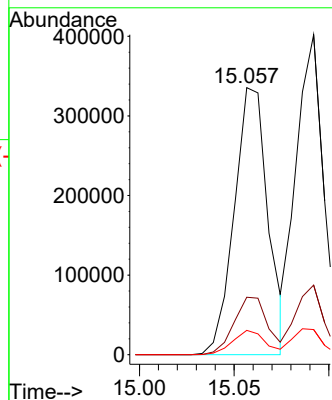
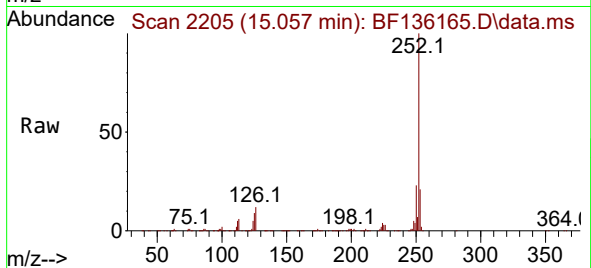
Tgt Ion:252 Resp: 416224

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

125 9.1 8.0 12.0



#90

Benzo(a)pyrene

Concen: 41.929 ng

RT: 15.433 min Scan# 2269

Delta R.T. 0.000 min

Lab File: BF136165.D

Acq: 06 Nov 2023 21:01

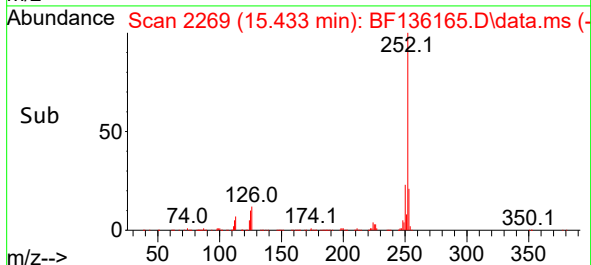
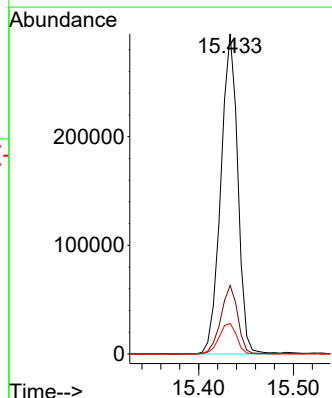
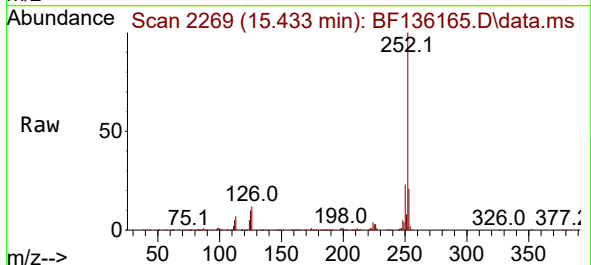
Tgt Ion:252 Resp: 367556

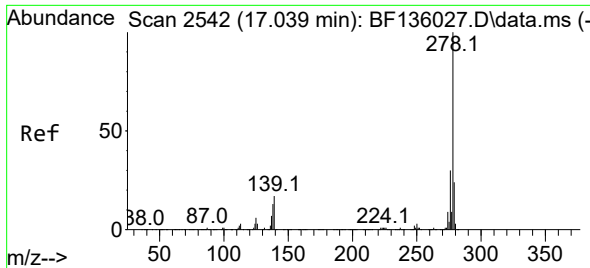
Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

125 9.5 9.0 13.6

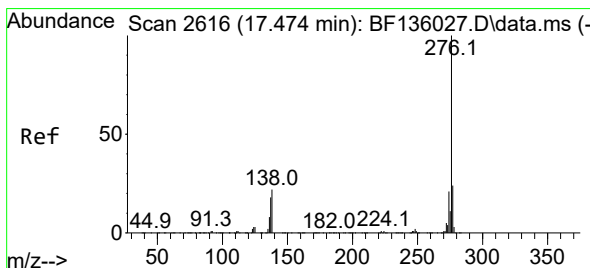
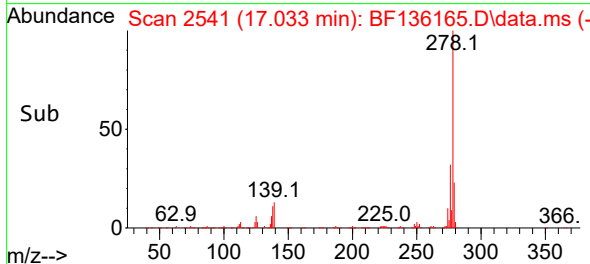
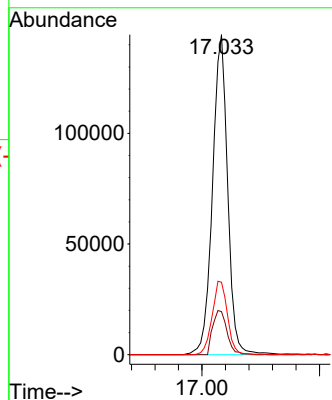
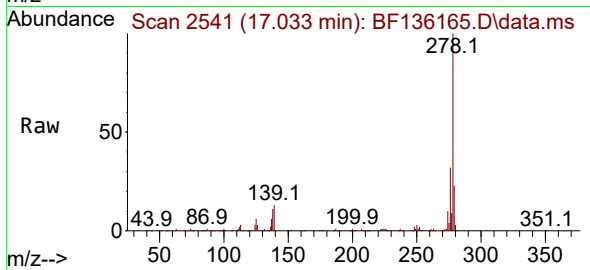




#91
Dibenzo(a,h)anthracene
Concen: 30.280 ng
RT: 17.033 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:278 Resp: 258459
Ion Ratio Lower Upper
278 100
139 13.4 13.7 20.5#
279 22.6 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 25.336 ng
RT: 17.468 min Scan# 2615
Delta R.T. -0.006 min
Lab File: BF136165.D
Acq: 06 Nov 2023 21:01

Tgt Ion:276 Resp: 232079
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.4
138 17.6 17.4 26.2

