

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121523\
 Data File : BF136604.D
 Acq On : 15 Dec 2023 21:10
 Operator : CG\JU
 Sample : 05803-01MSD 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 600572408-MSD

Quant Time: Dec 16 02:07:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	88752	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	298939	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	131097	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	251776	20.000	ng	0.00
76) Chrysene-d12	13.968	240	190474	20.000	ng	0.00
86) Perylene-d12	15.451	264	140764	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	293269	48.800	ng	0.00
7) Phenol-d6	6.434	99	325059	43.353	ng	0.00
23) Nitrobenzene-d5	7.345	82	188512	34.091	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	77609	48.012	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	328728	34.215	ng	0.00
79) Terphenyl-d14	12.910	244	411687	28.488	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.557	88	50241	21.136	ng	98
3) Pyridine	3.316	79	120428	20.921	ng	96
4) n-Nitrosodimethylamine	3.269	42	54151	21.653	ng	91
6) Aniline	6.451	93	98779	13.036	ng	# 77
8) 2-Chlorophenol	6.575	128	137052	20.890	ng	99
9) Benzaldehyde	6.340	77	42522	8.694	ng	98
10) Phenol	6.445	94	159226	19.957	ng	99
11) bis(2-Chloroethyl)ether	6.522	93	129795	21.825	ng	99
12) 1,3-Dichlorobenzene	6.728	146	151067	20.475	ng	99
13) 1,4-Dichlorobenzene	6.804	146	155409	20.764	ng	98
14) 1,2-Dichlorobenzene	6.957	146	144260	20.497	ng	97
15) Benzyl Alcohol	6.928	79	102051	20.325	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	149757	19.579	ng	98
17) 2-Methylphenol	7.045	107	102100	19.263	ng	97
18) Hexachloroethane	7.292	117	46789	17.906	ng	93
19) n-Nitroso-di-n-propyla...	7.192	70	85100	19.675	ng	98
20) 3+4-Methylphenols	7.198	107	127492	19.379	ng	97
22) Acetophenone	7.192	105	186995	25.331	ng	94
24) Nitrobenzene	7.369	77	123341	22.173	ng	92
25) Isophorone	7.604	82	221371	22.283	ng	97
26) 2-Nitrophenol	7.681	139	62291	22.778	ng	97
27) 2,4-Dimethylphenol	7.728	122	91703	27.194	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	143160	23.451	ng	98
29) 2,4-Dichlorophenol	7.928	162	93142	20.926	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	115395	22.234	ng	98
31) Naphthalene	8.086	128	359985	21.837	ng	98
32) Benzoic acid	7.816	122	51306	15.337	ng	99
33) 4-Chloroaniline	8.139	127	75440	12.836	ng	98
34) Hexachlorobutadiene	8.204	225	67278	21.872	ng	99
35) Caprolactam	8.492	113	28731	20.961	ng	# 76
36) 4-Chloro-3-methylphenol	8.628	107	87813	18.581	ng	92
37) 2-Methylnaphthalene	8.781	142	215098	20.509	ng	92
38) 1-Methylnaphthalene	8.881	142	201535	19.583	ng	97
40) 1,2,4,5-Tetrachloroben...	8.945	216	101394	24.860	ng	99
41) Hexachlorocyclopentadiene	8.928	237	6703	4.436	ng	96
43) 2,4,6-Trichlorophenol	9.063	196	59309	22.333	ng	98

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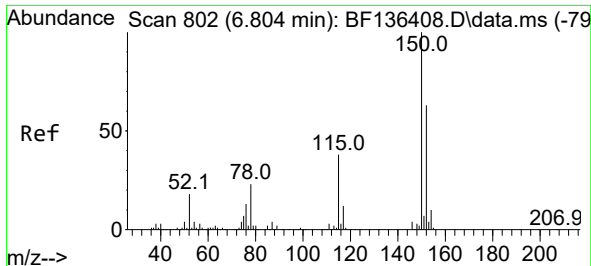
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	59036	19.918	ng	95
46) 1,1'-Biphenyl	9.245	154	269324	24.144	ng	98
47) 2-Chloronaphthalene	9.269	162	195793	22.551	ng	97
48) 2-Nitroaniline	9.369	65	50902	21.860	ng	86
49) Acenaphthylene	9.680	152	291527	23.571	ng	97
50) Dimethylphthalate	9.545	163	225541	23.368	ng	99
51) 2,6-Dinitrotoluene	9.610	165	47811	22.019	ng	88
52) Acenaphthene	9.857	154	169941	21.442	ng	94
53) 3-Nitroaniline	9.775	138	44687	20.153	ng #	97
54) 2,4-Dinitrophenol	9.892	184	3755	3.420	ng	93
55) Dibenzofuran	10.028	168	259619	22.423	ng	97
56) 4-Nitrophenol	9.951	139	74357	44.733	ng	90
57) 2,4-Dinitrotoluene	10.010	165	59269	20.633	ng	94
58) Fluorene	10.369	166	205974	22.162	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	51664	21.760	ng #	99
60) Diethylphthalate	10.245	149	206446	21.752	ng	98
61) 4-Chlorophenyl-phenyle...	10.363	204	101652	22.436	ng	99
62) 4-Nitroaniline	10.386	138	45553	20.690	ng	96
63) Azobenzene	10.528	77	173638	20.100	ng	98
65) 4,6-Dinitro-2-methylph...	10.422	198	4355	2.793	ng	94
66) n-Nitrosodiphenylamine	10.486	169	176170	21.806	ng	94
67) 4-Bromophenyl-phenylether	10.857	248	58691	20.050	ng	95
68) Hexachlorobenzene	10.922	284	69107	20.426	ng	93
69) Atrazine	11.016	200	61728	26.770	ng	99
70) Pentachlorophenol	11.122	266	75606	39.595	ng	96
71) Phenanthrene	11.339	178	317344	22.932	ng	99
72) Anthracene	11.392	178	323016	23.174	ng	99
73) Carbazole	11.551	167	295517	23.954	ng	97
74) Di-n-butylphthalate	11.880	149	336672	22.261	ng	99
75) Fluoranthene	12.533	202	370368	25.539	ng	98
77) Benzidine	12.657	184	142929	35.560	ng	97
78) Pyrene	12.763	202	378595	20.295	ng	98
80) Butylbenzylphthalate	13.392	149	155468	23.412	ng	99
81) Benzo(a)anthracene	13.957	228	306375	23.092	ng	98
82) 3,3'-Dichlorobenzidine	13.921	252	95991	25.804	ng	99
83) Chrysene	13.998	228	285813	21.895	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	214688	26.372	ng	100
85) Di-n-octyl phthalate	14.568	149	343158	28.538	ng #	96
87) Indeno(1,2,3-cd)pyrene	16.956	276	198417	20.290	ng	100
88) Benzo(b)fluoranthene	15.015	252	214365	22.273	ng	97
89) Benzo(k)fluoranthene	15.015	252	214365	23.634	ng	97
90) Benzo(a)pyrene	15.386	252	172718	21.730	ng	97
91) Dibenzo(a,h)anthracene	16.974	278	167607	20.921	ng	99
92) Benzo(g,h,i)perylene	17.409	276	158754	19.306	ng	97

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

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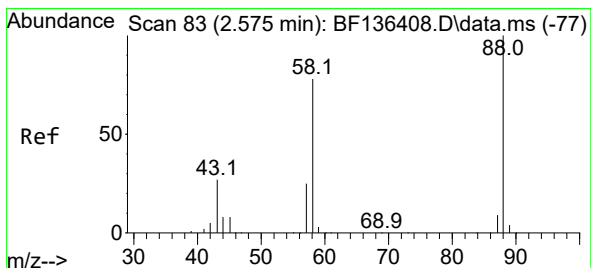
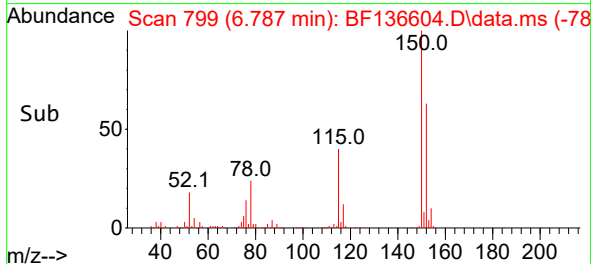
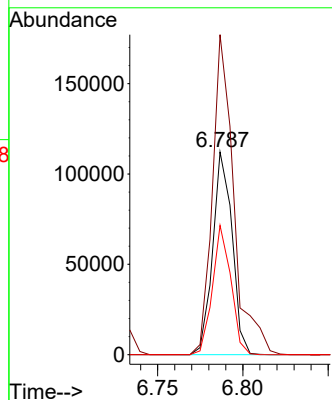
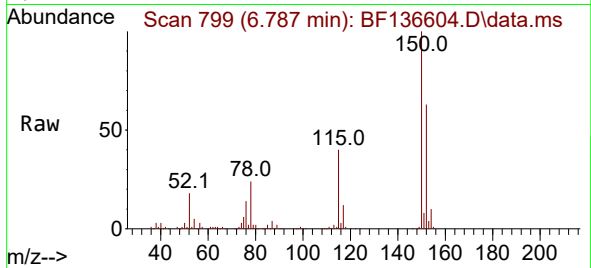




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF136604.D
 Acq: 15 Dec 2023 21:10

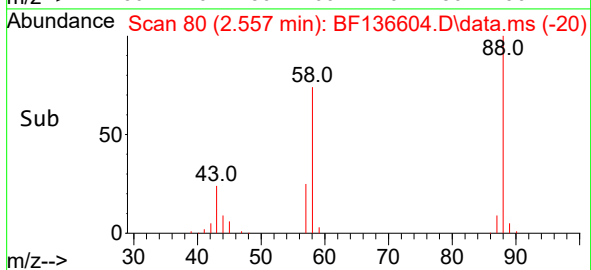
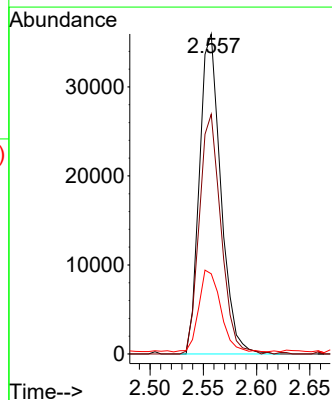
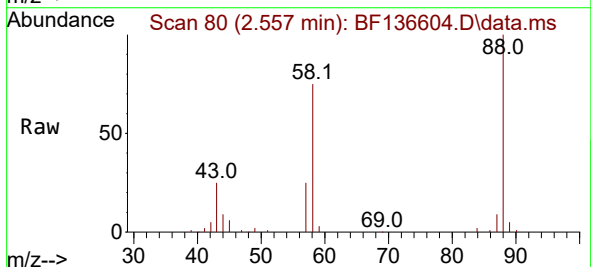
Instrument :
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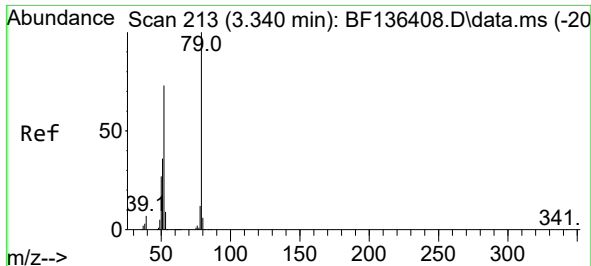
Tgt Ion:152 Resp: 88752
 Ion Ratio Lower Upper
 152 100
 150 157.9 126.4 189.6
 115 63.8 48.2 72.4



#2
 1,4-Dioxane
 Concen: 21.136 ng
 RT: 2.557 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: BF136604.D
 Acq: 15 Dec 2023 21:10

Tgt Ion: 88 Resp: 50241
 Ion Ratio Lower Upper
 88 100
 58 76.0 62.2 93.2
 43 26.1 21.5 32.3

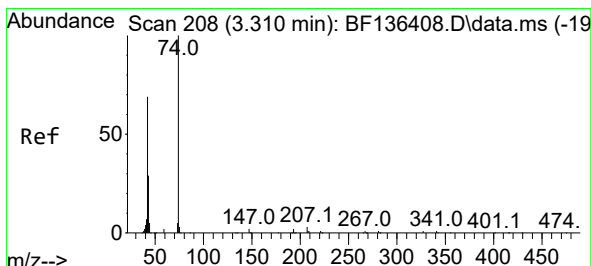
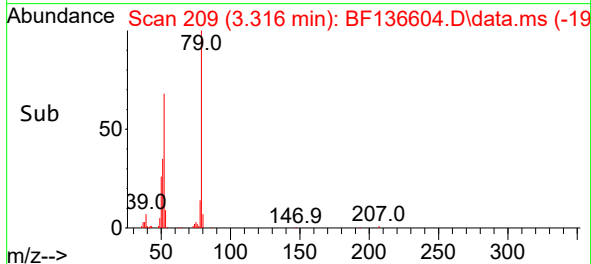
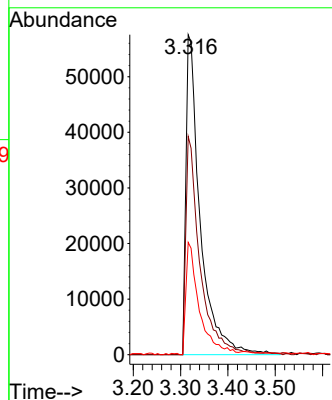
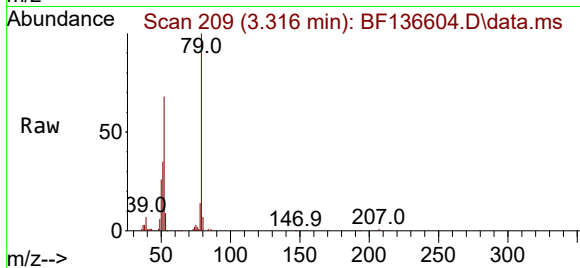




#3
 Pyridine
 Concen: 20.921 ng
 RT: 3.316 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: BF136604.D
 Acq: 15 Dec 2023 21:10

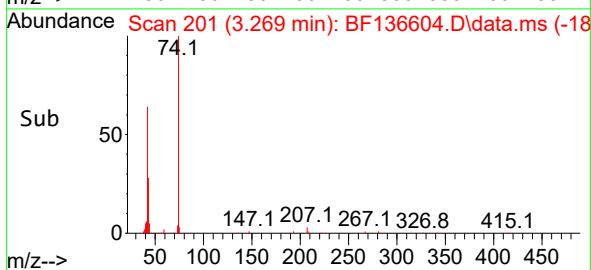
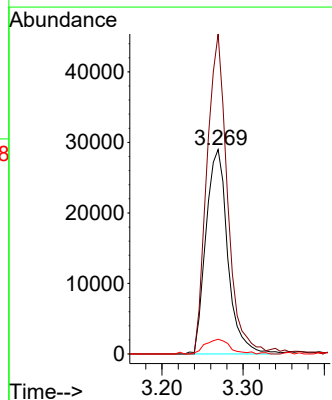
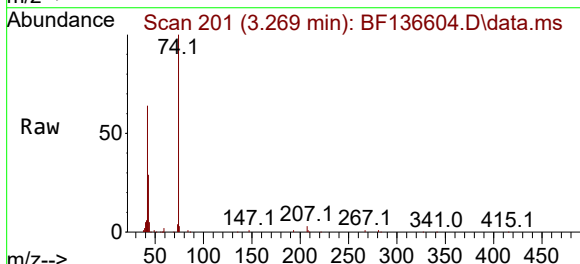
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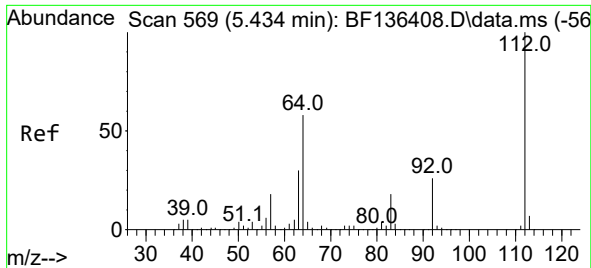
Tgt Ion: 79 Resp: 120428
 Ion Ratio Lower Upper
 79 100
 52 68.2 58.2 87.2
 51 35.1 29.1 43.7



#4
 n-Nitrosodimethylamine
 Concen: 21.653 ng
 RT: 3.269 min Scan# 201
 Delta R.T. -0.018 min
 Lab File: BF136604.D
 Acq: 15 Dec 2023 21:10

Tgt Ion: 42 Resp: 54151
 Ion Ratio Lower Upper
 42 100
 74 156.5 115.4 173.0
 44 7.2 6.2 9.2

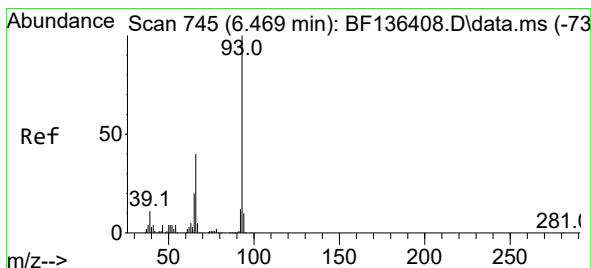
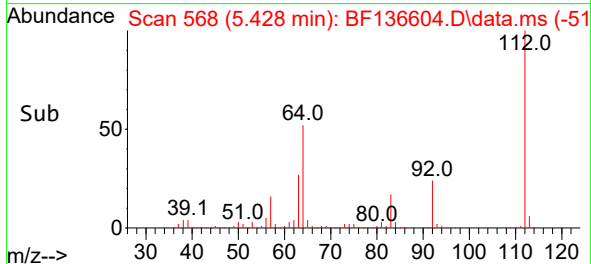
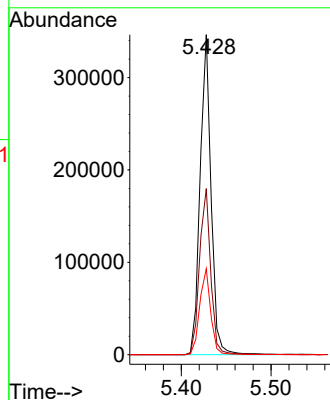
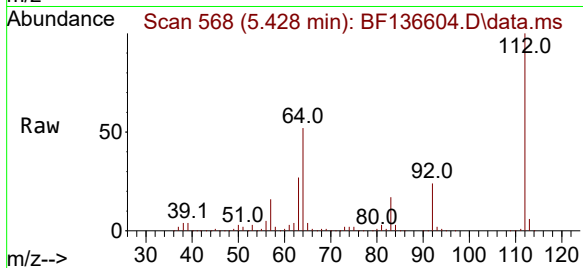




#5
2-Fluorophenol
Concen: 48.800 ng
RT: 5.428 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

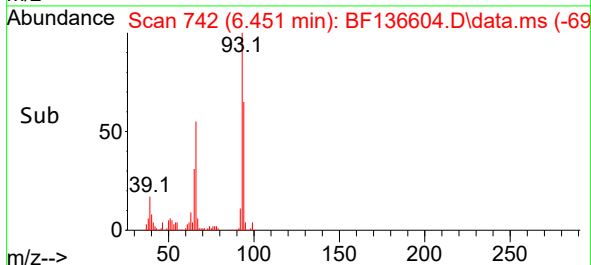
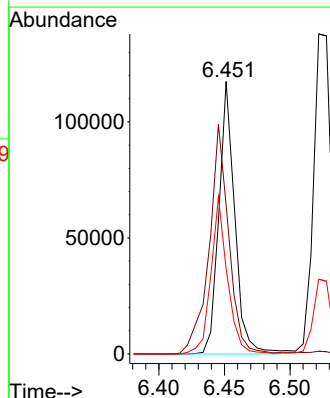
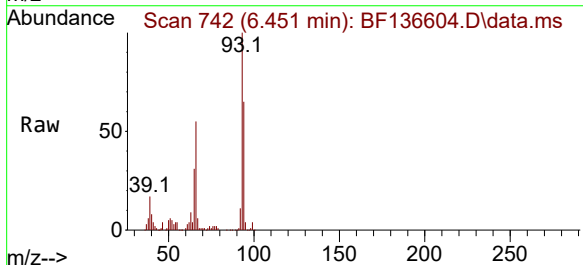
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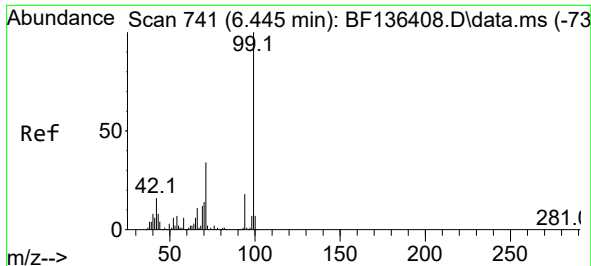
Tgt Ion:112 Resp: 293269
Ion Ratio Lower Upper
112 100
64 51.9 46.5 69.7
63 26.9 23.9 35.9



#6
Aniline
Concen: 13.036 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

Tgt Ion: 93 Resp: 98779
Ion Ratio Lower Upper
93 100
66 54.7 32.5 48.7#
65 31.2 16.4 24.6#

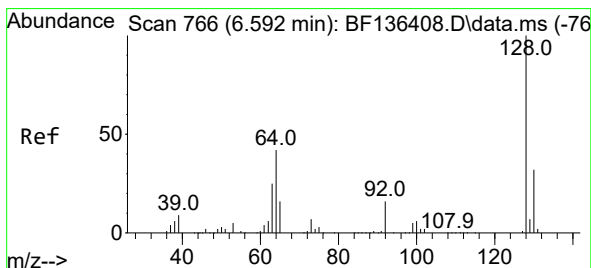
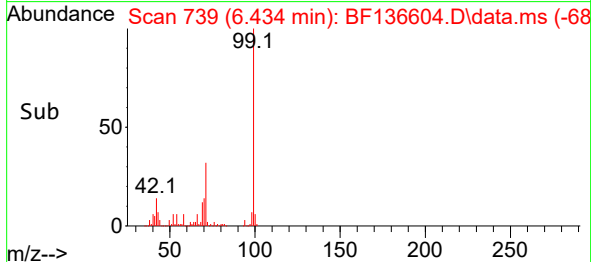
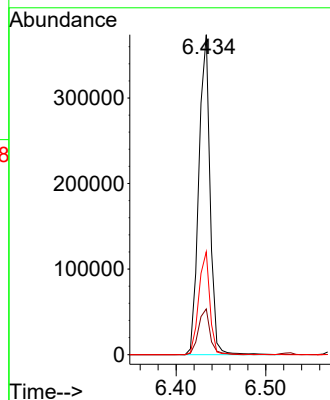
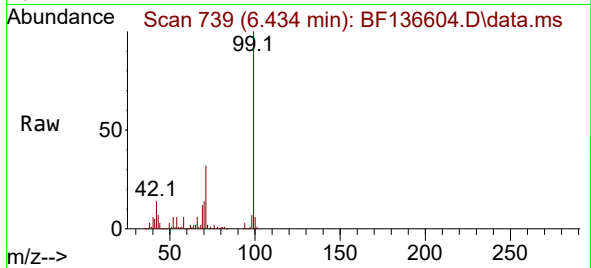




#7
Phenol-d6
Concen: 43.353 ng
RT: 6.434 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

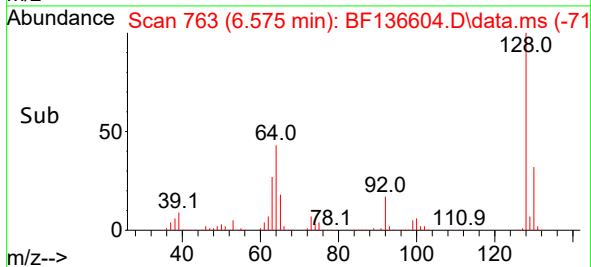
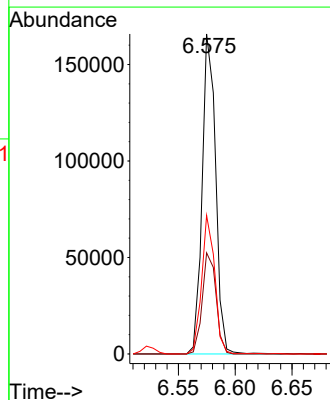
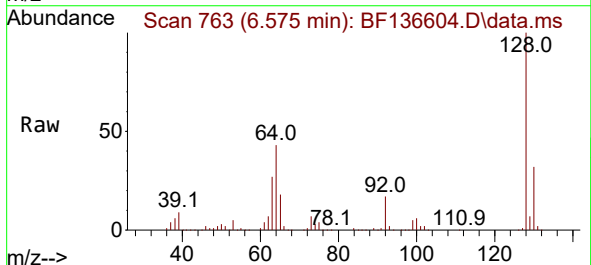
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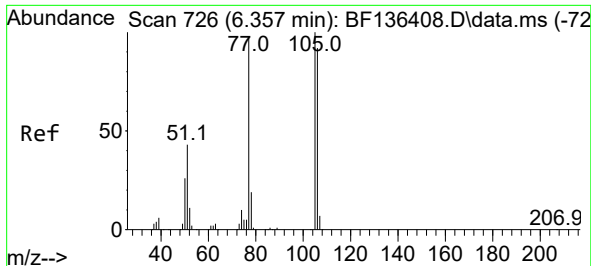
Tgt Ion: 99 Resp: 325059
Ion Ratio Lower Upper
99 100
42 14.3 12.8 19.2
71 32.2 27.0 40.4



#8
2-Chlorophenol
Concen: 20.890 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

Tgt Ion: 128 Resp: 137052
Ion Ratio Lower Upper
128 100
130 31.6 11.7 51.7
64 43.3 22.5 62.5

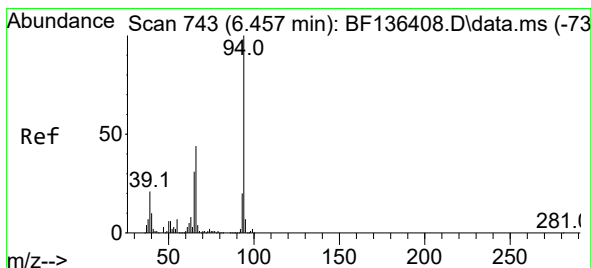
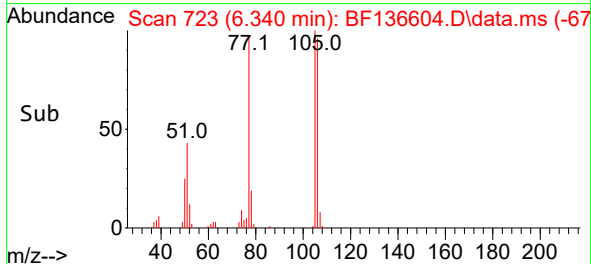
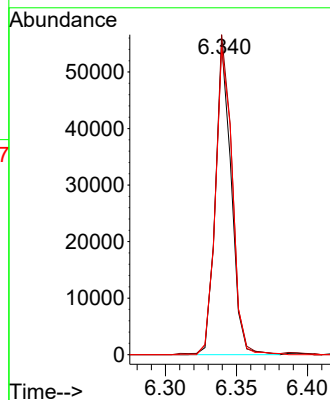
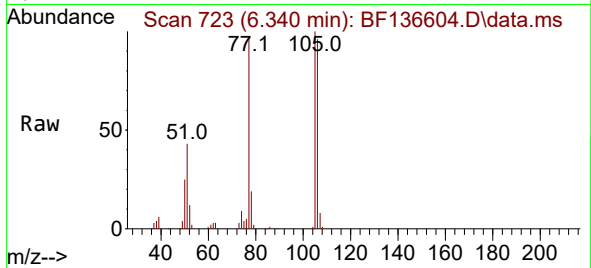




#9
Benzaldehyde
Concen: 8.694 ng
RT: 6.340 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

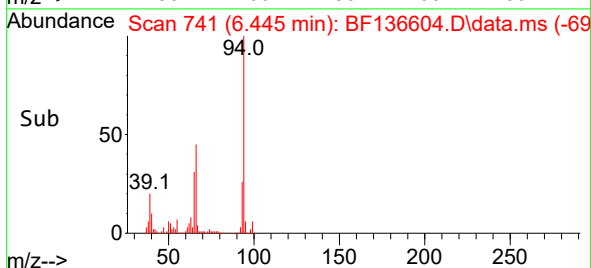
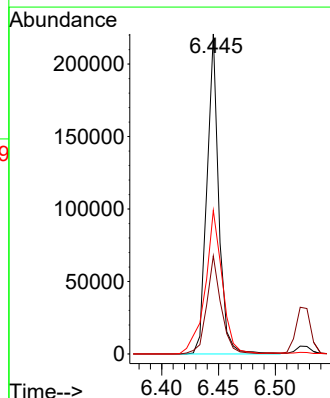
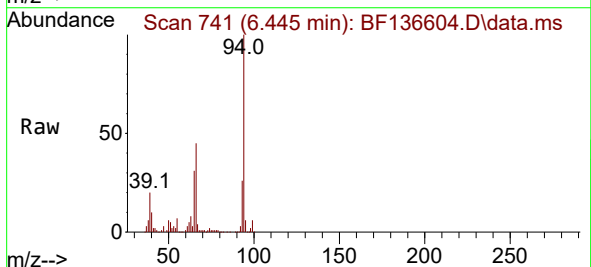
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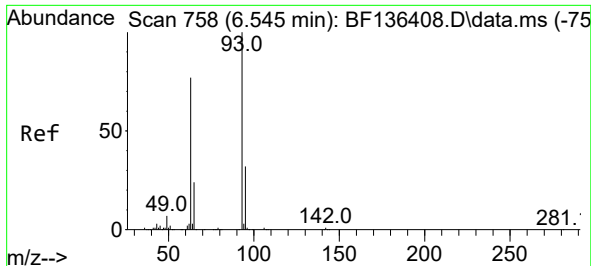
Tgt Ion: 77 Resp: 42522
Ion Ratio Lower Upper
77 100
105 102.7 82.5 122.5
106 98.6 74.5 114.5



#10
Phenol
Concen: 19.957 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

Tgt Ion: 94 Resp: 159226
Ion Ratio Lower Upper
94 100
65 30.7 11.2 51.2
66 44.8 24.2 64.2





#11

bis(2-Chloroethyl)ether

Concen: 21.825 ng

RT: 6.522 min Scan# 754

Delta R.T. -0.012 min

Lab File: BF136604.D

Acq: 15 Dec 2023 21:10

Instrument :

BNA_F

ClientSampleId :

600572408-MSD

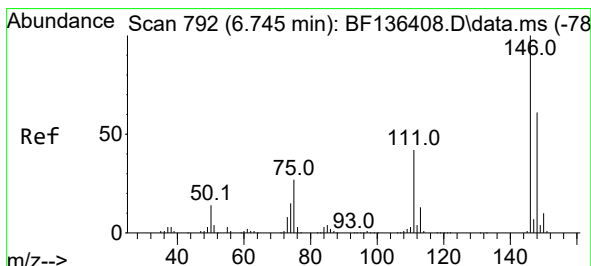
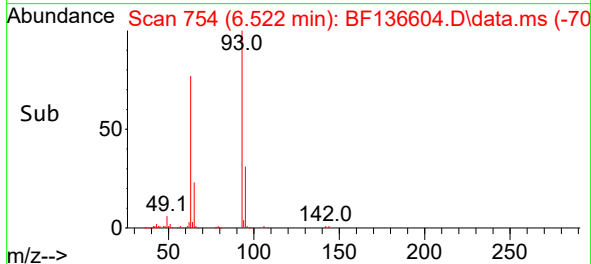
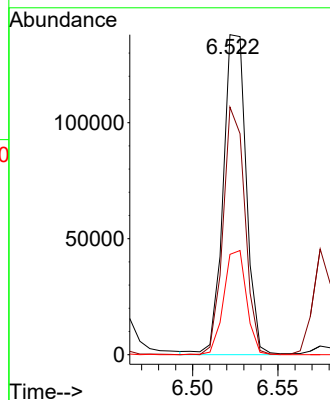
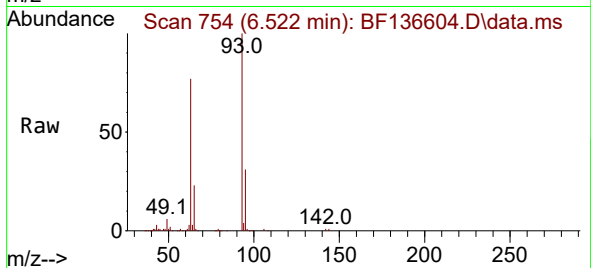
Tgt Ion: 93 Resp: 129795

Ion Ratio Lower Upper

93 100

63 77.4 56.8 96.8

95 31.4 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 20.475 ng

RT: 6.728 min Scan# 789

Delta R.T. -0.000 min

Lab File: BF136604.D

Acq: 15 Dec 2023 21:10

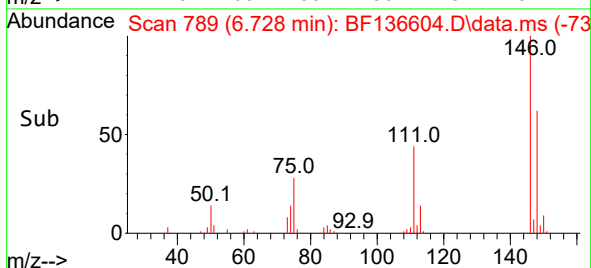
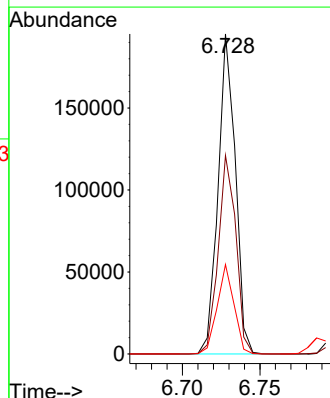
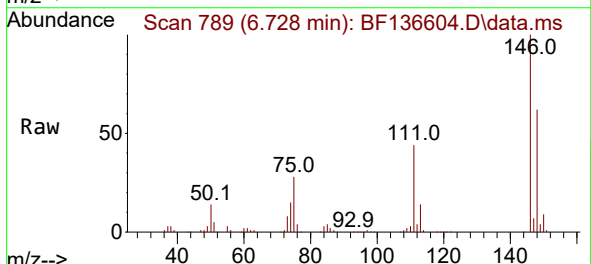
Tgt Ion:146 Resp: 151067

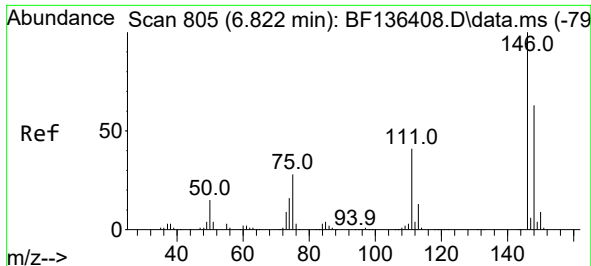
Ion Ratio Lower Upper

146 100

148 62.0 49.0 73.6

75 28.0 21.8 32.6





#13

1,4-Dichlorobenzene

Concen: 20.764 ng

RT: 6.804 min Scan# 80

Delta R.T. -0.000 min

Lab File: BF136604.D

Acq: 15 Dec 2023 21:10

Instrument :

BNA_F

ClientSampleId :

600572408-MSD

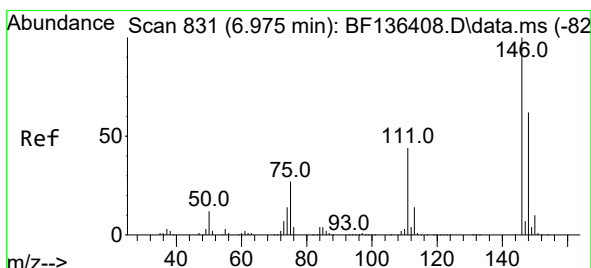
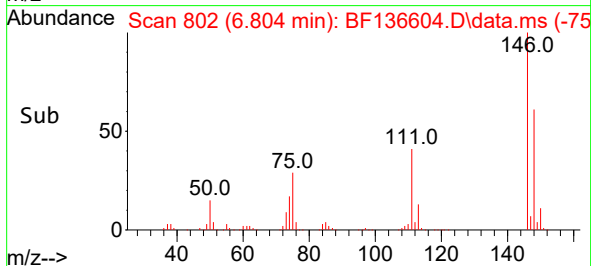
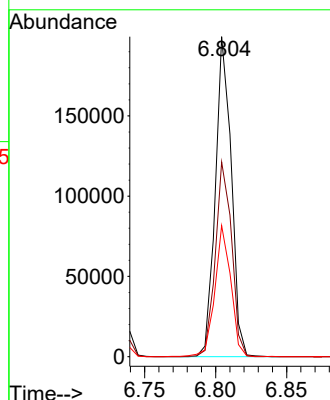
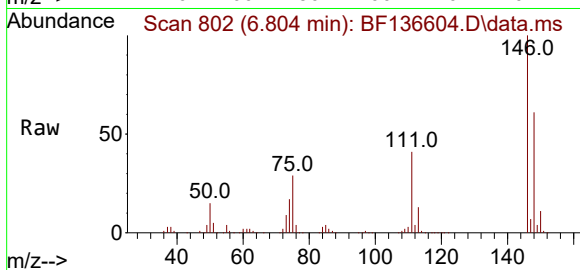
Tgt Ion:146 Resp: 155409

Ion Ratio Lower Upper

146 100

148 60.9 50.3 75.5

111 40.9 32.6 49.0



#14

1,2-Dichlorobenzene

Concen: 20.497 ng

RT: 6.957 min Scan# 828

Delta R.T. -0.000 min

Lab File: BF136604.D

Acq: 15 Dec 2023 21:10

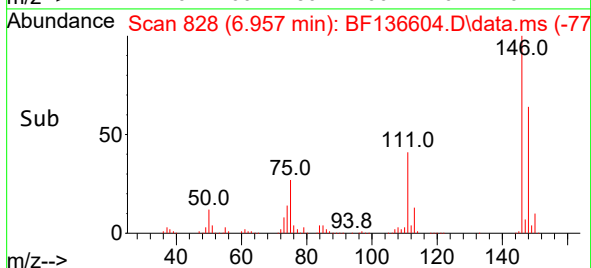
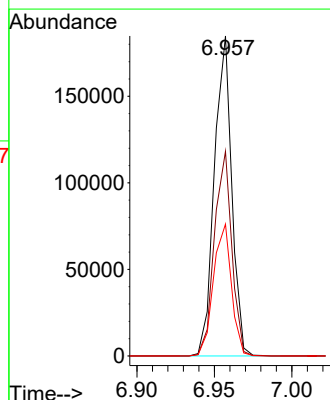
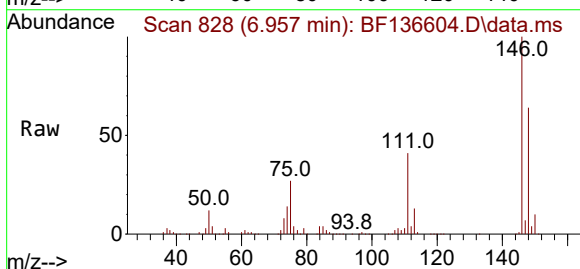
Tgt Ion:146 Resp: 144260

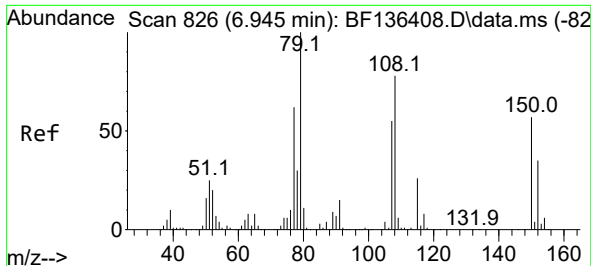
Ion Ratio Lower Upper

146 100

148 64.0 49.8 74.6

111 41.2 34.9 52.3

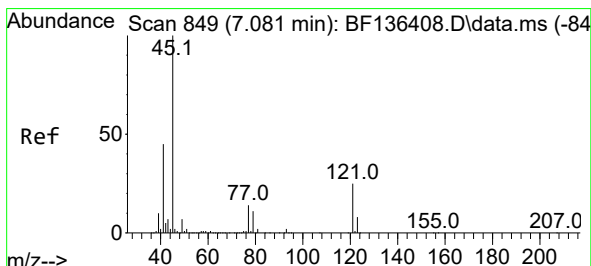
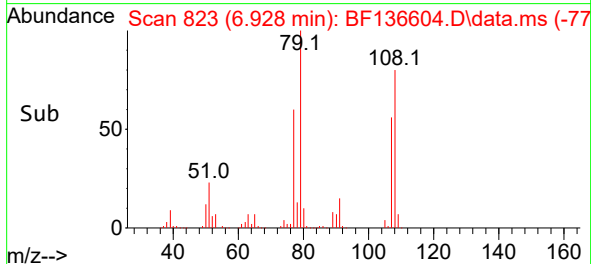
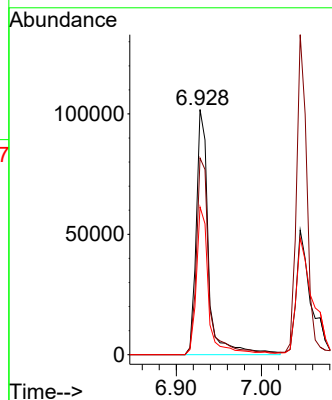
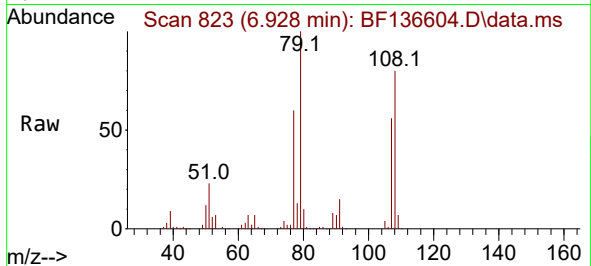




#15
Benzyl Alcohol
Concen: 20.325 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

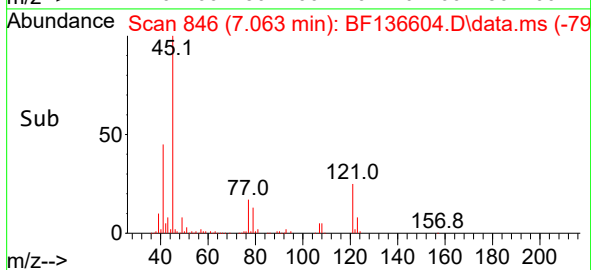
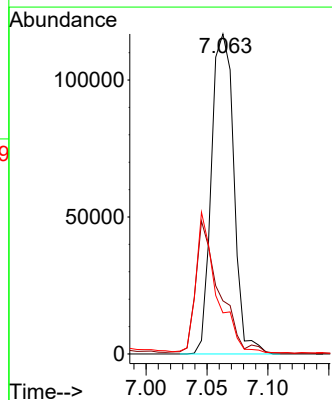
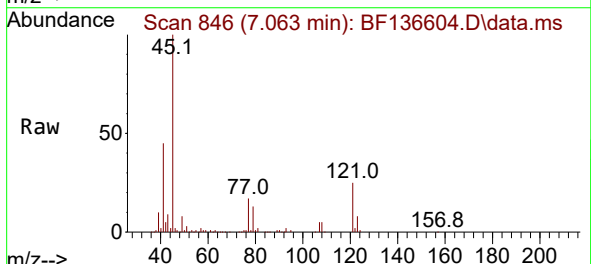
Instrument :
BNA_F
ClientSampleId :
600572408-MSD

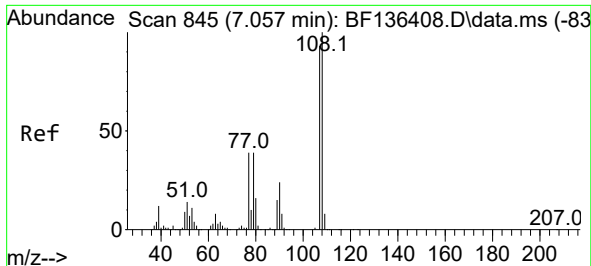
Tgt Ion: 79 Resp: 102051
Ion Ratio Lower Upper
79 100
108 80.2 62.3 93.5
77 60.3 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 19.579 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

Tgt Ion: 45 Resp: 149757
Ion Ratio Lower Upper
45 100
77 16.6 0.0 35.3
79 12.8 0.0 32.5

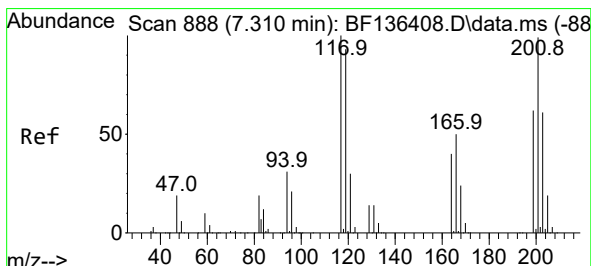
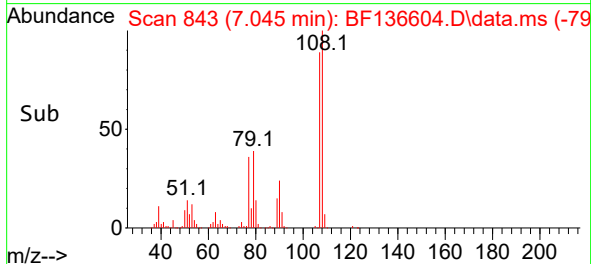
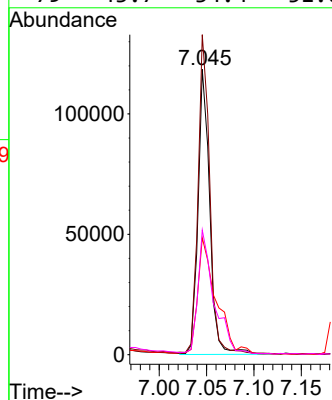
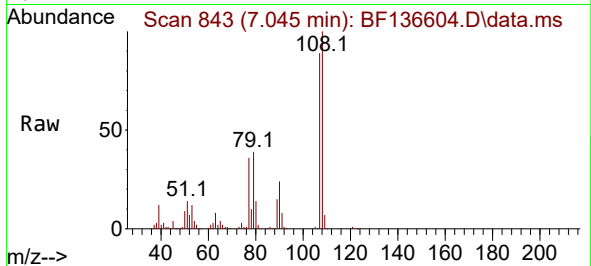




#17
2-Methylphenol
Concen: 19.263 ng
RT: 7.045 min Scan# 845
Delta R.T. -0.000 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

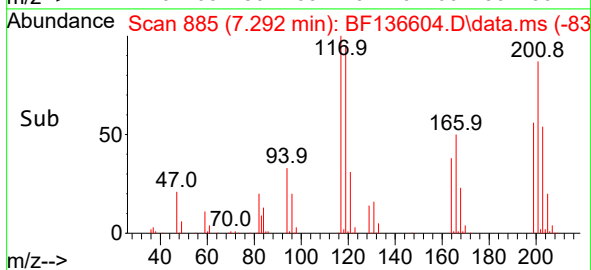
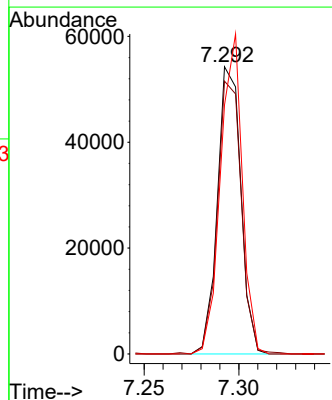
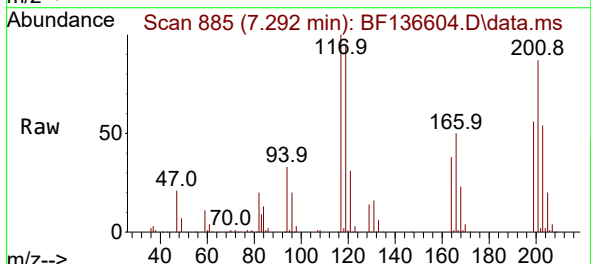
Instrument :
BNA_F
ClientSampleId :
600572408-MSD

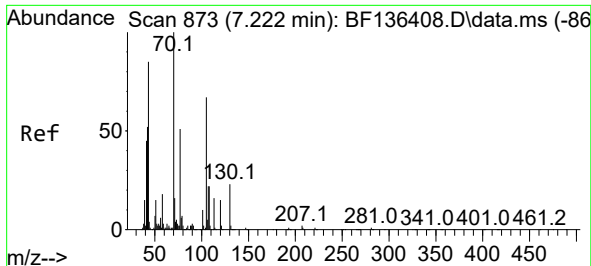
Tgt Ion:	107	Resp:	102100
Ion	Ratio	Lower	Upper
107	100		
108	112.2	86.5	129.7
77	40.9	33.8	50.8
79	43.7	34.4	51.6



#18
Hexachloroethane
Concen: 17.906 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

Tgt Ion:	117	Resp:	46789
Ion	Ratio	Lower	Upper
117	100		
119	95.0	74.3	111.5
201	86.7	79.3	118.9

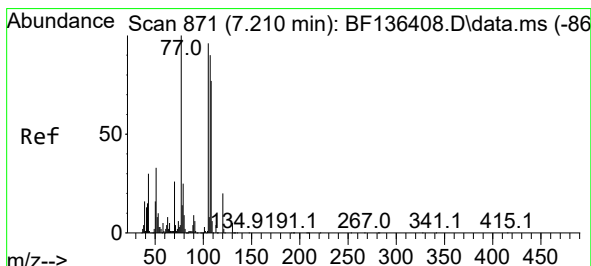
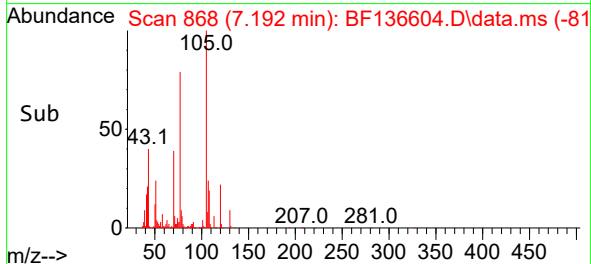
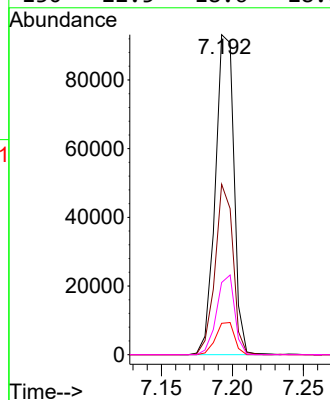
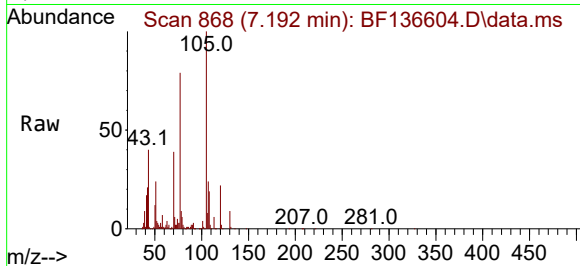




#19
n-Nitroso-di-n-propylamine
Concen: 19.675 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

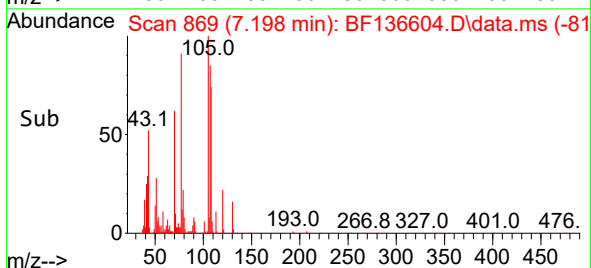
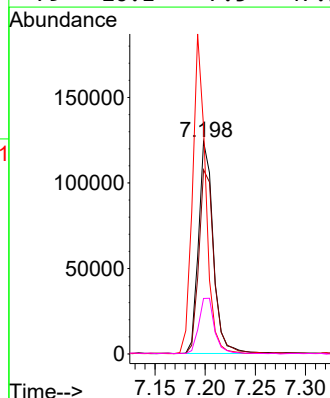
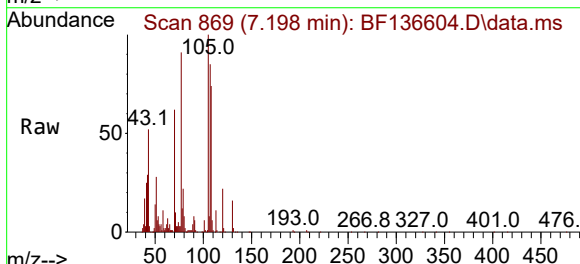
Instrument :
BNA_F
ClientSampleId :
600572408-MSD

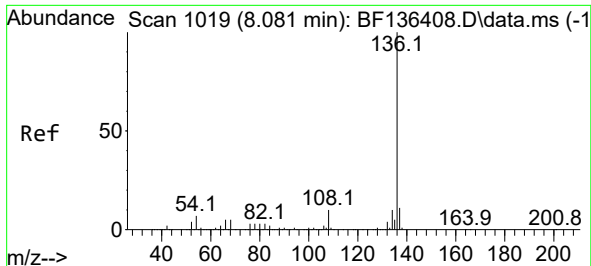
Tgt Ion: 70	Resp:	85100
Ion Ratio	Lower	Upper
70	100	
42	53.3	41.4 62.0
101	9.8	8.2 12.4
130	22.5	18.6 28.0



#20
3+4-Methylphenols
Concen: 19.379 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

Tgt Ion: 107	Resp:	127492
Ion Ratio	Lower	Upper
107	100	
108	86.7	65.9 105.9
77	106.8	91.7 131.7
79	26.1	7.5 47.5

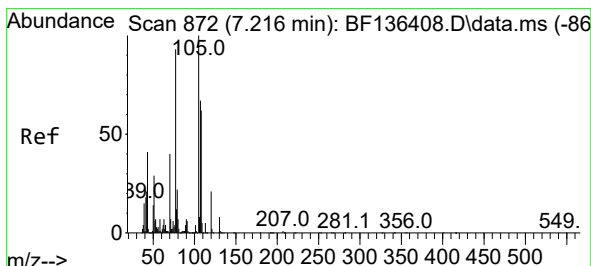
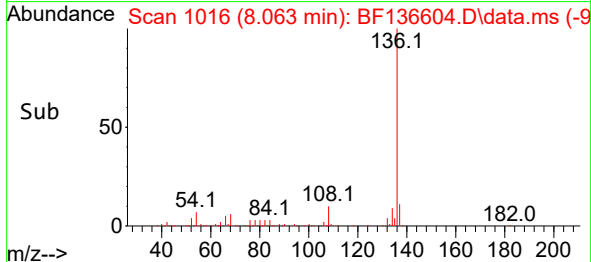
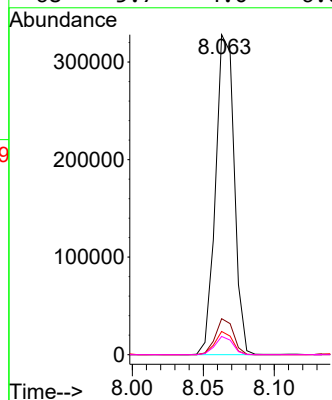
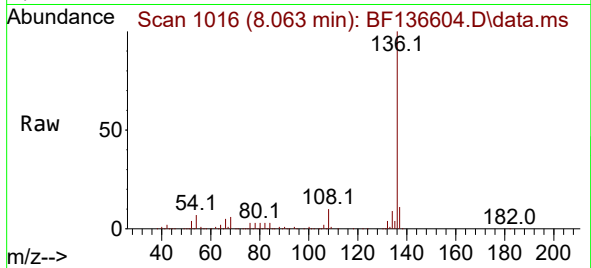




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

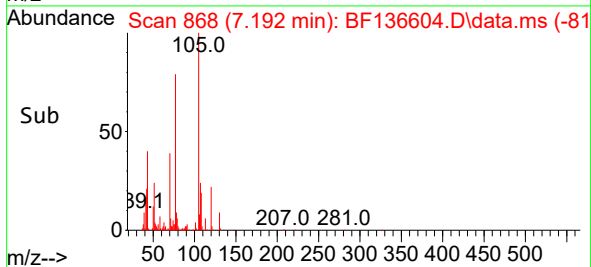
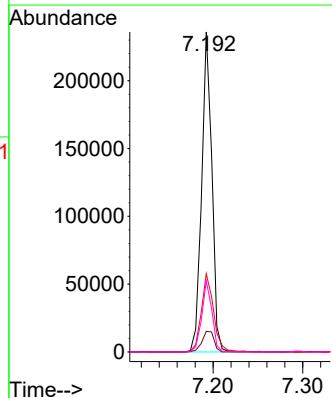
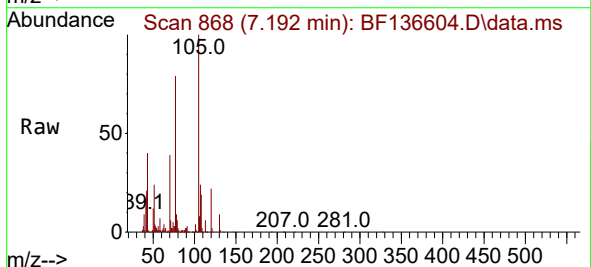
Instrument :
BNA_F
ClientSampleId :
600572408-MSD

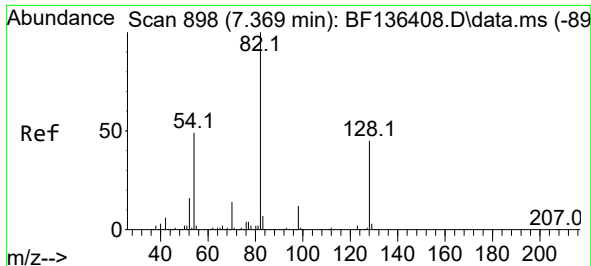
Tgt Ion:136	Resp:	298939
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.6 12.8
54	7.3	5.7 8.5
68	5.7	4.0 6.0



#22
Acetophenone
Concen: 25.331 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

Tgt Ion:105	Resp:	186995
Ion	Ratio	Lower Upper
105	100	
71	6.4	5.4 8.0
51	24.5	23.4 35.2
120	22.1	16.6 24.8





#23

Nitrobenzene-d5

Concen: 34.091 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF136604.D

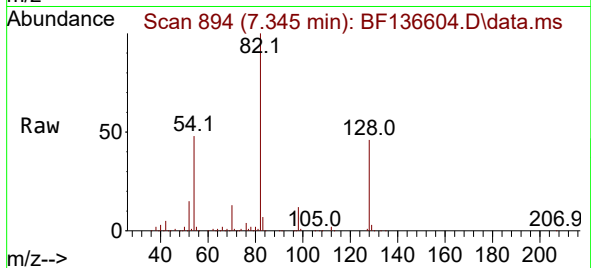
Acq: 15 Dec 2023 21:10

Instrument :

BNA_F

ClientSampleId :

600572408-MSD



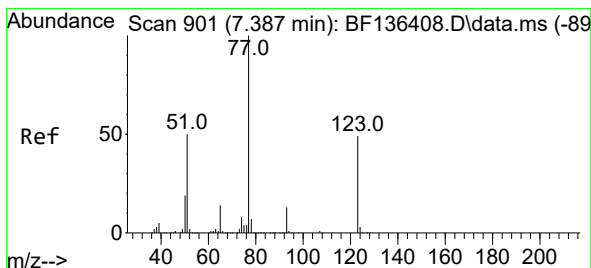
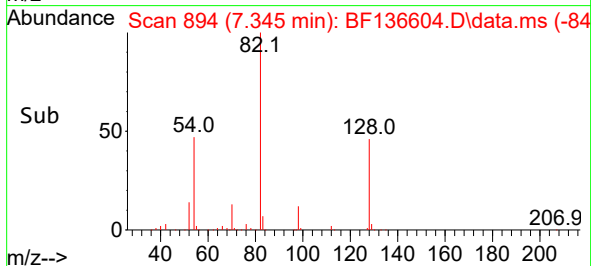
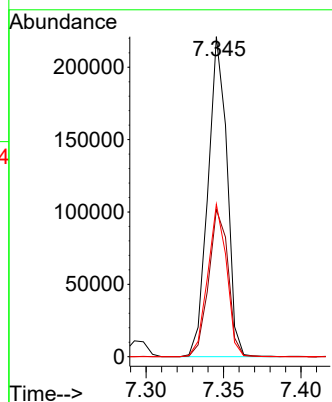
Tgt Ion: 82 Resp: 188512

Ion Ratio Lower Upper

82 100

128 46.0 36.3 54.5

54 47.6 39.0 58.6



#24

Nitrobenzene

Concen: 22.173 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF136604.D

Acq: 15 Dec 2023 21:10

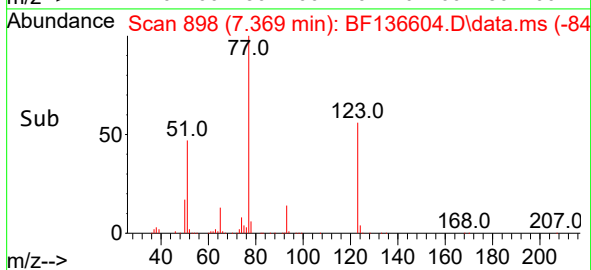
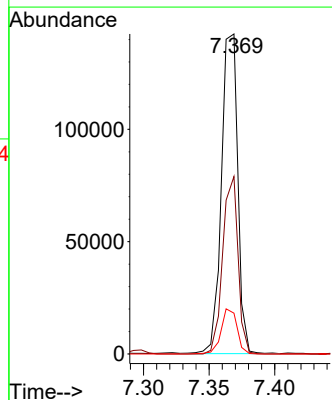
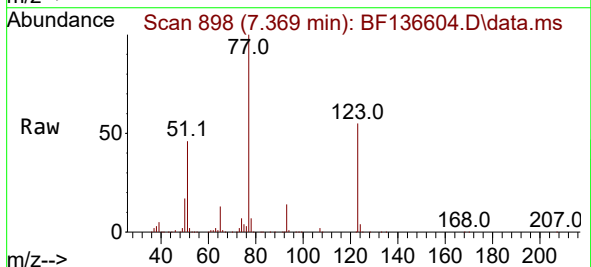
Tgt Ion: 77 Resp: 123341

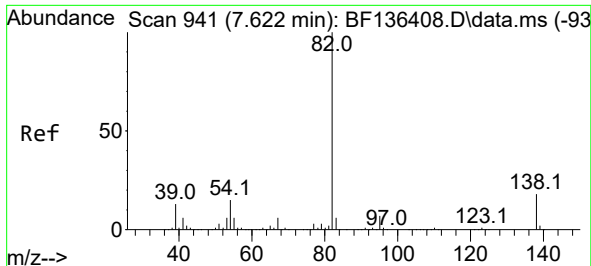
Ion Ratio Lower Upper

77 100

123 55.4 39.0 58.6

65 12.7 11.3 16.9

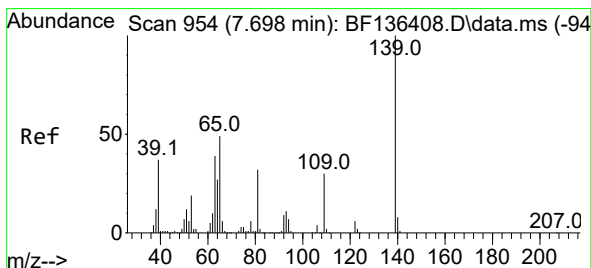
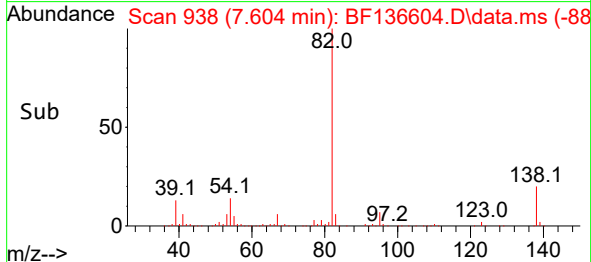
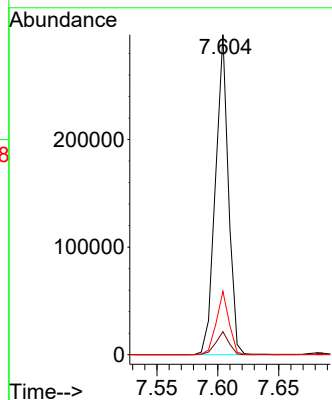
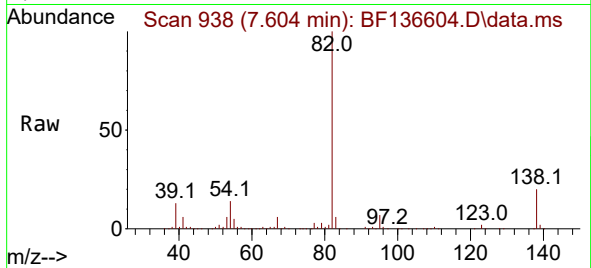




#25
Isophorone
Concen: 22.283 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

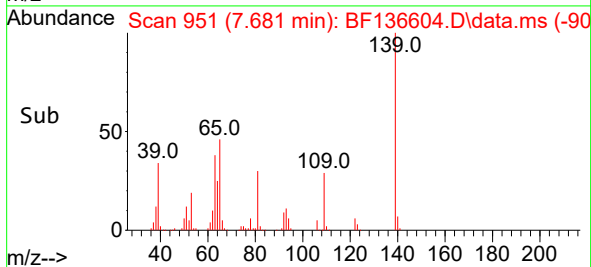
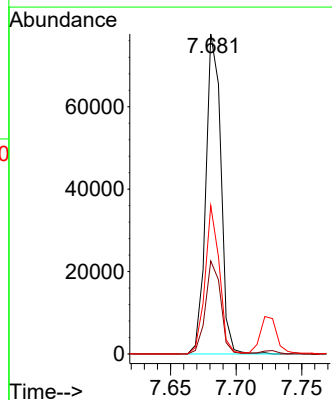
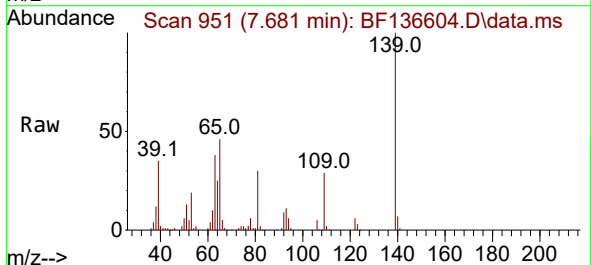
Instrument :
BNA_F
ClientSampleId :
600572408-MSD

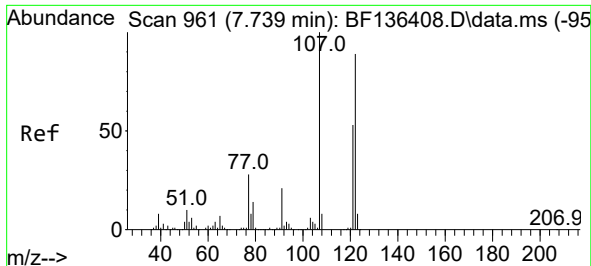
Tgt Ion: 82 Resp: 221371
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 19.8 14.5 21.7



#26
2-Nitrophenol
Concen: 22.778 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

Tgt Ion:139 Resp: 62291
Ion Ratio Lower Upper
139 100
109 29.0 23.6 35.4
65 46.3 39.4 59.2





#27

2,4-Dimethylphenol

Concen: 27.194 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF136604.D

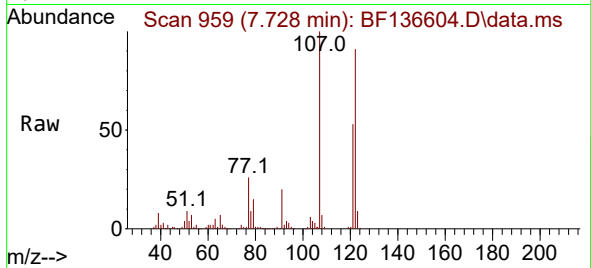
Acq: 15 Dec 2023 21:10

Instrument :

BNA_F

ClientSampleId :

600572408-MSD



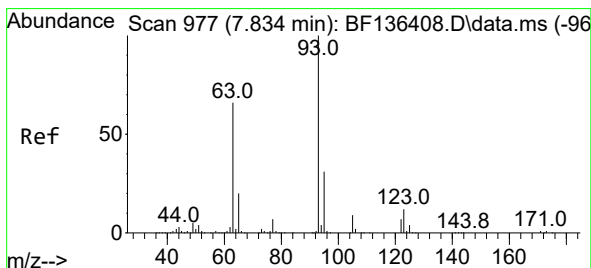
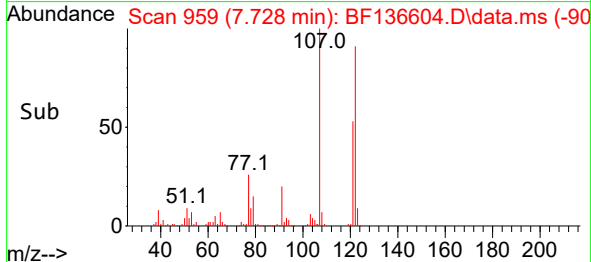
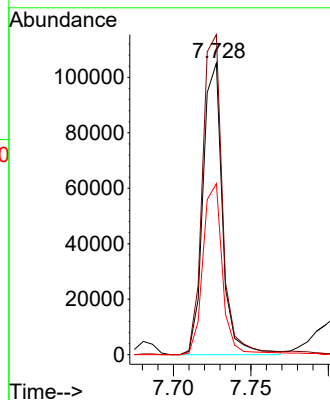
Tgt Ion:122 Resp: 91703

Ion Ratio Lower Upper

122 100

107 109.8 89.3 133.9

121 58.7 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 23.451 ng

RT: 7.816 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF136604.D

Acq: 15 Dec 2023 21:10

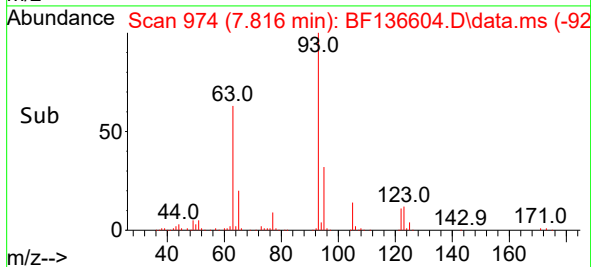
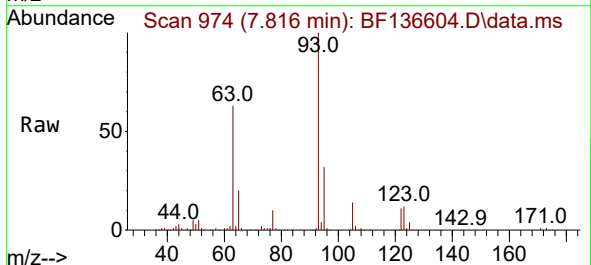
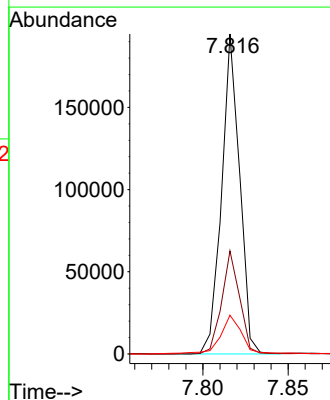
Tgt Ion: 93 Resp: 143160

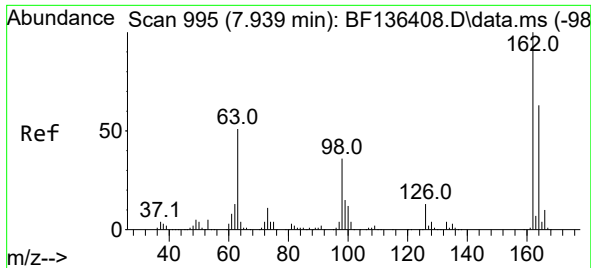
Ion Ratio Lower Upper

93 100

95 32.2 25.0 37.4

123 12.1 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 20.926 ng

RT: 7.928 min Scan# 99

Delta R.T. -0.000 min

Lab File: BF136604.D

Acq: 15 Dec 2023 21:10

Instrument :

BNA_F

ClientSampleId :

600572408-MSD

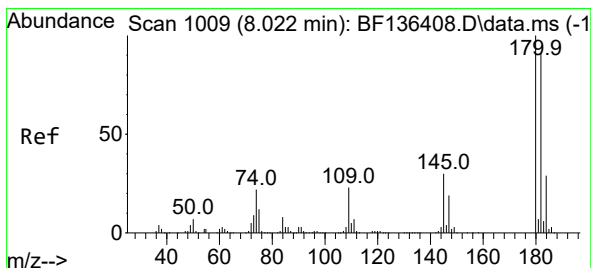
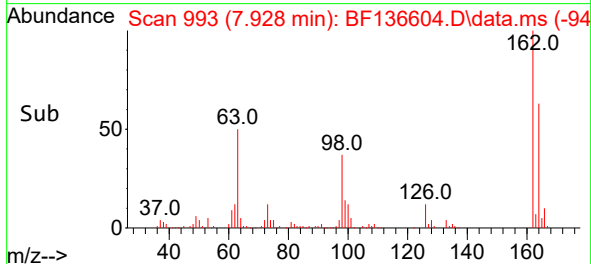
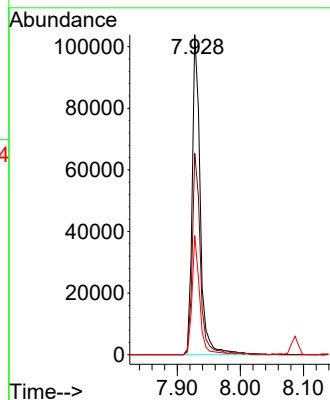
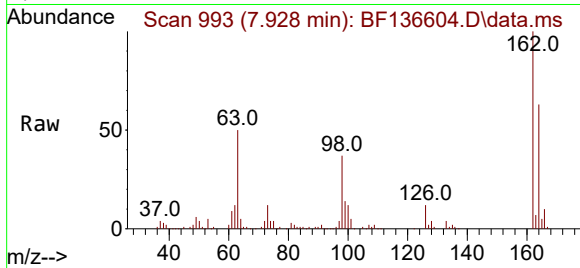
Tgt Ion:162 Resp: 93142

Ion Ratio Lower Upper

162 100

164 62.9 43.0 83.0

98 37.2 16.2 56.2



#30

1,2,4-Trichlorobenzene

Concen: 22.234 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF136604.D

Acq: 15 Dec 2023 21:10

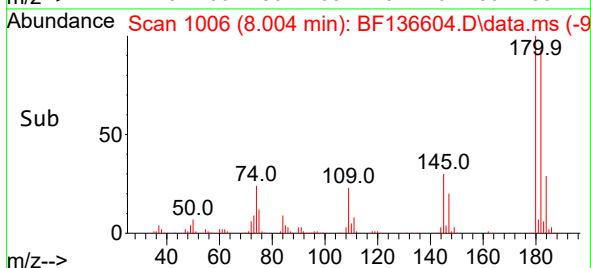
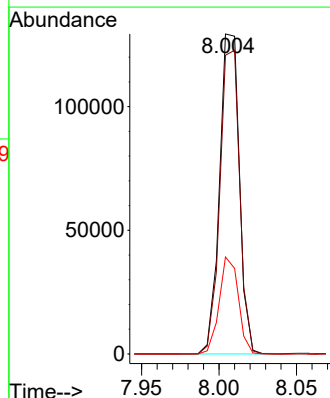
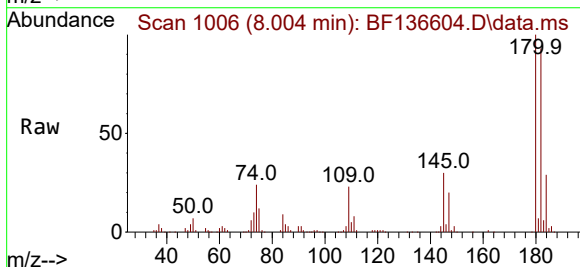
Tgt Ion:180 Resp: 115395

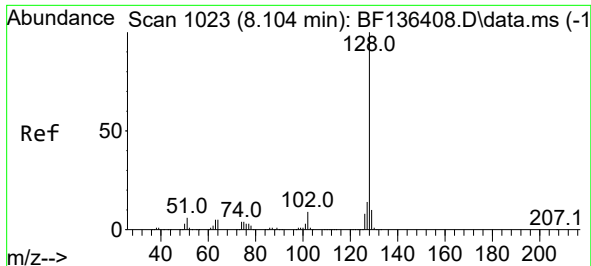
Ion Ratio Lower Upper

180 100

182 93.4 73.1 109.7

145 30.3 23.8 35.8

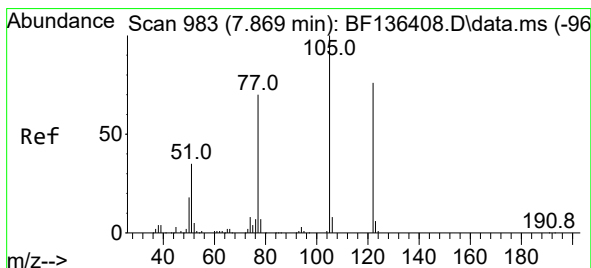
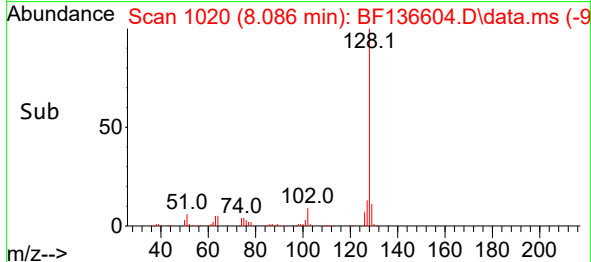
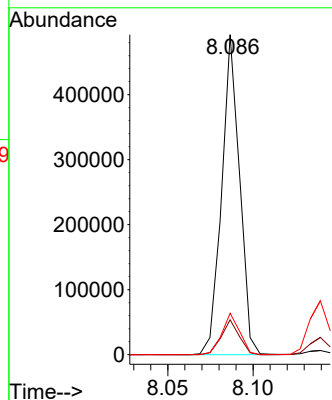
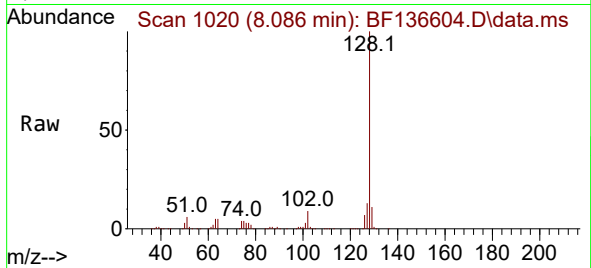




#31
Naphthalene
Concen: 21.837 ng
RT: 8.086 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

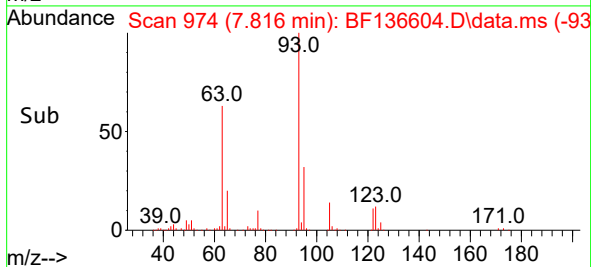
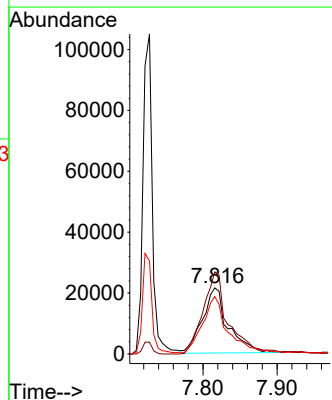
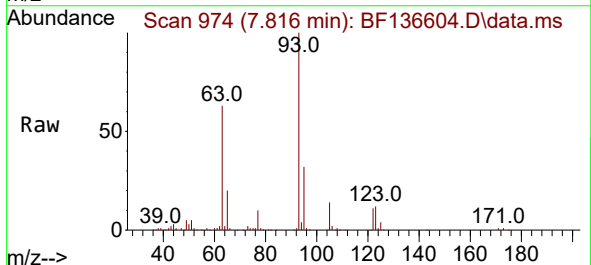
Instrument :
BNA_F
ClientSampleId :
600572408-MSD

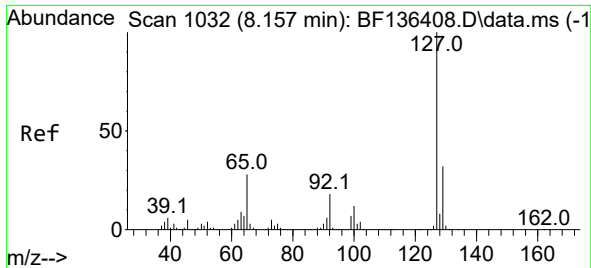
Tgt Ion:128 Resp: 359985
Ion Ratio Lower Upper
128 100
129 10.9 8.3 12.5
127 13.0 11.1 16.7



#32
Benzoic acid
Concen: 15.337 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.041 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

Tgt Ion:122 Resp: 51306
Ion Ratio Lower Upper
122 100
105 124.3 104.7 144.7
77 86.9 68.5 108.5

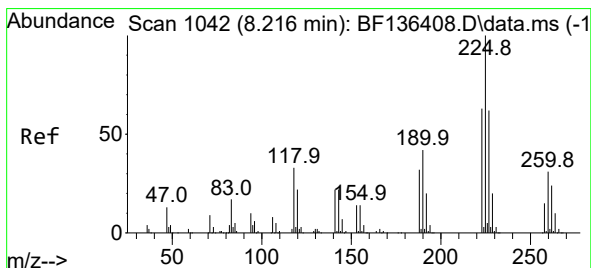
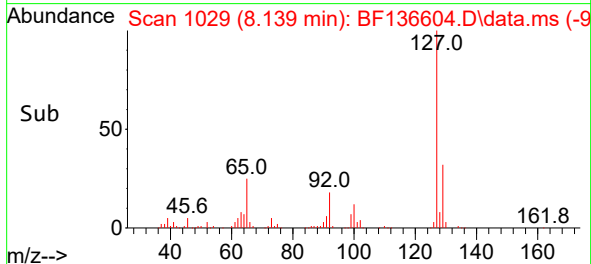
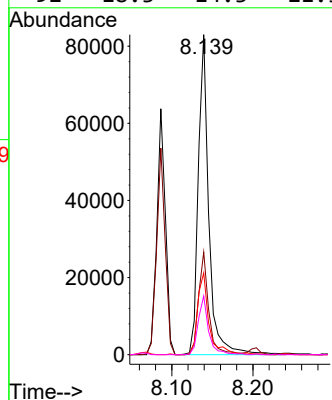
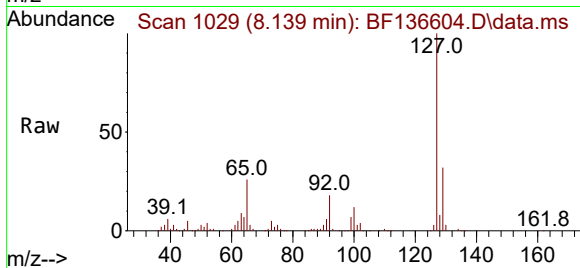




#33
4-Chloroaniline
Concen: 12.836 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

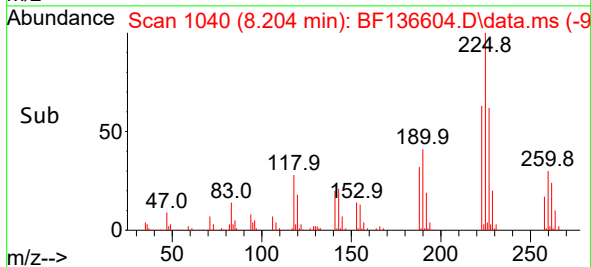
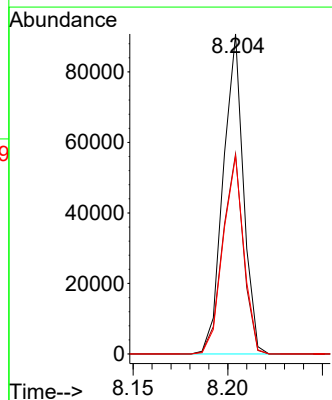
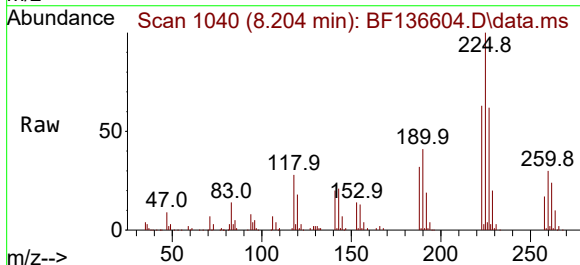
Instrument :
BNA_F
ClientSampleId :
600572408-MSD

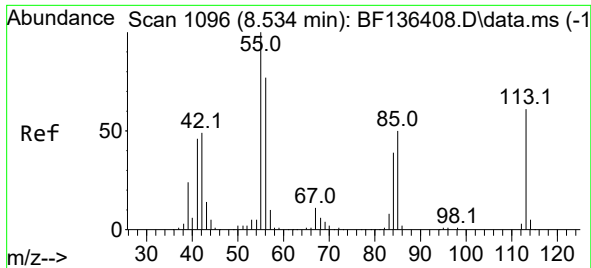
Tgt Ion:	127	Resp:	75440
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.4	38.2
65	25.6	22.5	33.7
92	18.3	14.3	21.5



#34
Hexachlorobutadiene
Concen: 21.872 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

Tgt Ion:	225	Resp:	67278
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.8	76.2
227	61.9	49.8	74.8

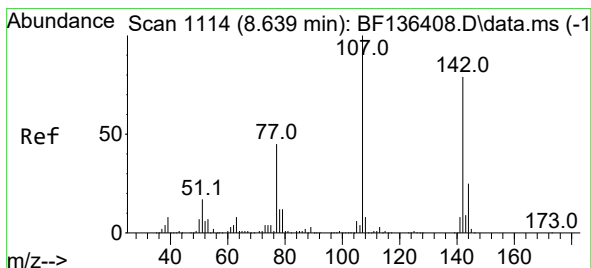
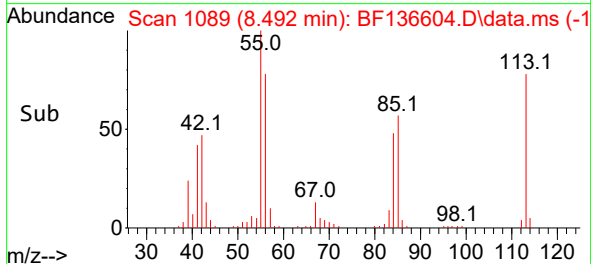
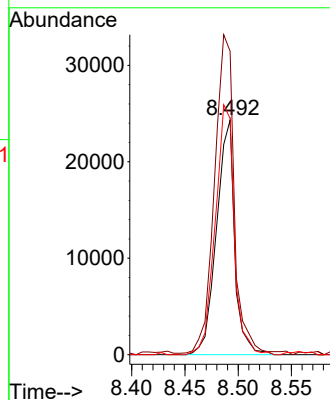
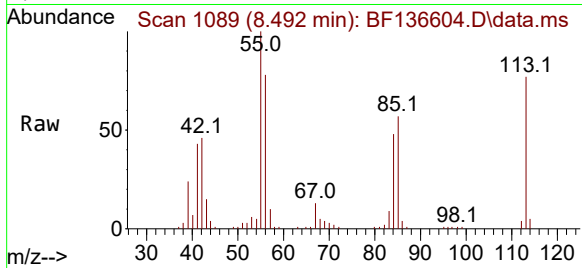




#35
 Caprolactam
 Concen: 20.961 ng
 RT: 8.492 min Scan# 11089
 Delta R.T. -0.029 min
 Lab File: BF136604.D
 Acq: 15 Dec 2023 21:10

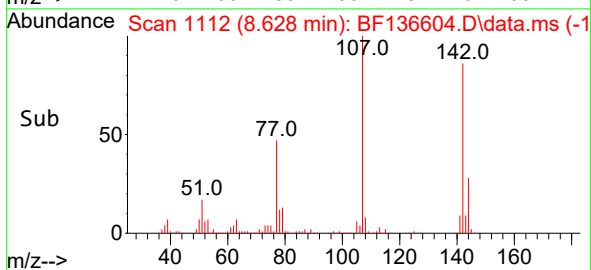
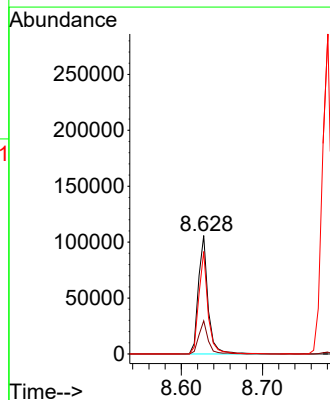
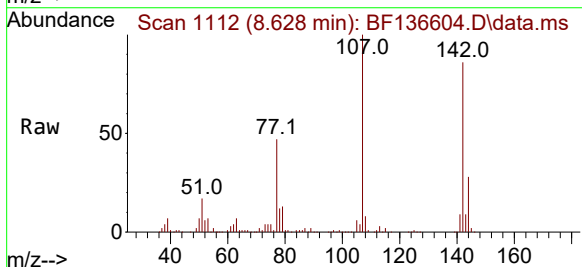
Instrument :
 BNA_F
 ClientSampleId :
 600572408-MSD

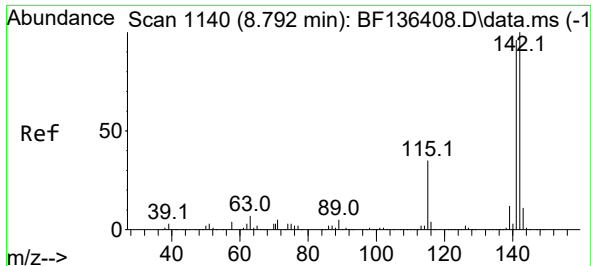
Tgt Ion:113 Resp: 28731
 Ion Ratio Lower Upper
 113 100
 55 129.3 143.7 183.7#
 56 100.7 105.2 145.2#



#36
 4-Chloro-3-methylphenol
 Concen: 18.581 ng
 RT: 8.628 min Scan# 1112
 Delta R.T. -0.000 min
 Lab File: BF136604.D
 Acq: 15 Dec 2023 21:10

Tgt Ion:107 Resp: 87813
 Ion Ratio Lower Upper
 107 100
 144 28.0 20.1 30.1
 142 86.4 63.1 94.7

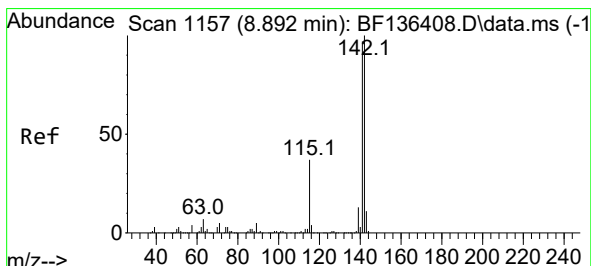
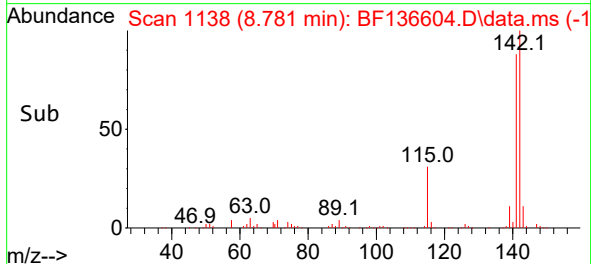
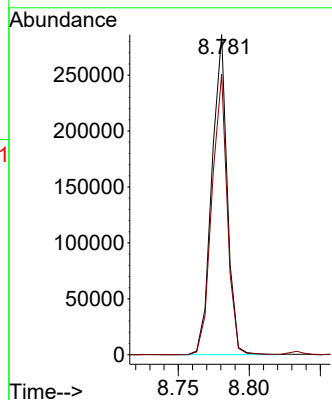
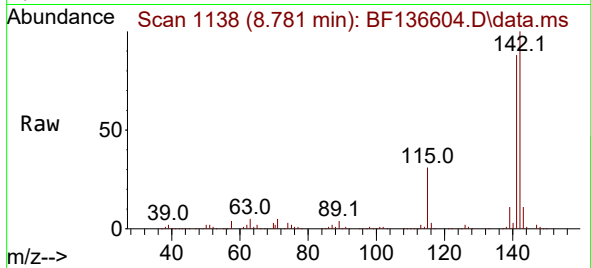




#37
2-Methylnaphthalene
Concen: 20.509 ng
RT: 8.781 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

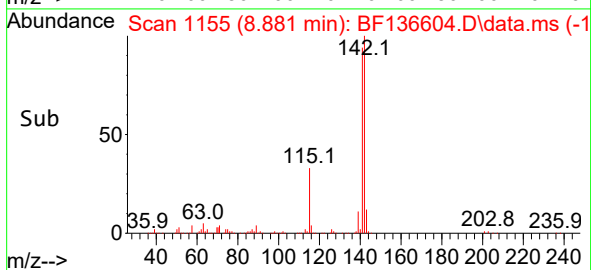
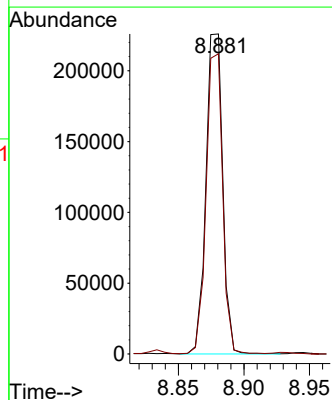
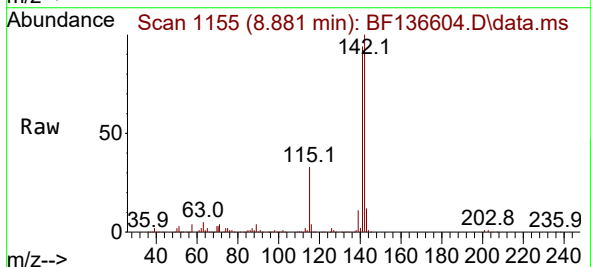
Instrument :
BNA_F
ClientSampleId :
600572408-MSD

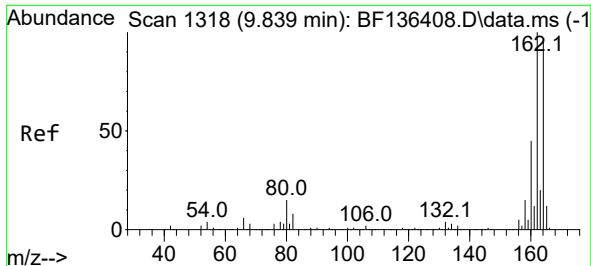
Tgt Ion:142 Resp: 215098
Ion Ratio Lower Upper
142 100
141 87.6 76.4 114.6



#38
1-Methylnaphthalene
Concen: 19.583 ng
RT: 8.881 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

Tgt Ion:142 Resp: 201535
Ion Ratio Lower Upper
142 100
141 93.8 77.7 116.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF136604.D

Acq: 15 Dec 2023 21:10

Instrument :

BNA_F

ClientSampleId :

600572408-MSD

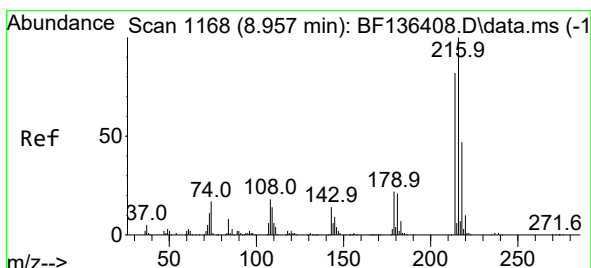
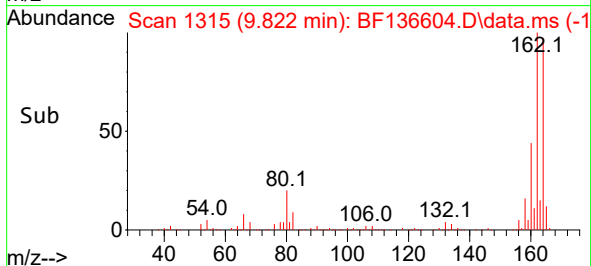
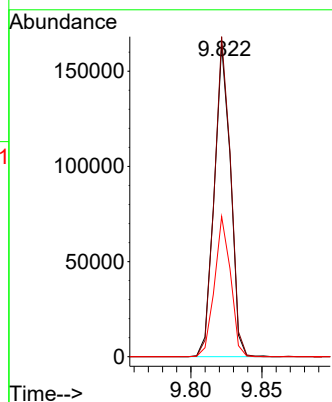
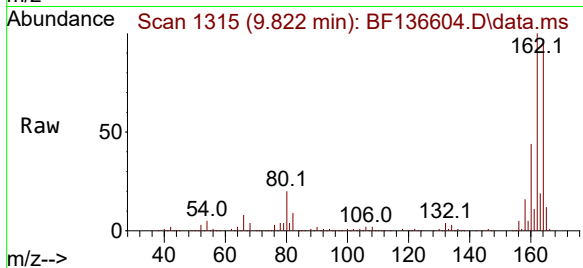
Tgt Ion:164 Resp: 131097

Ion Ratio Lower Upper

164 100

162 102.6 84.4 126.6

160 44.9 37.6 56.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 24.860 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.000 min

Lab File: BF136604.D

Acq: 15 Dec 2023 21:10

Tgt Ion:216 Resp: 101394

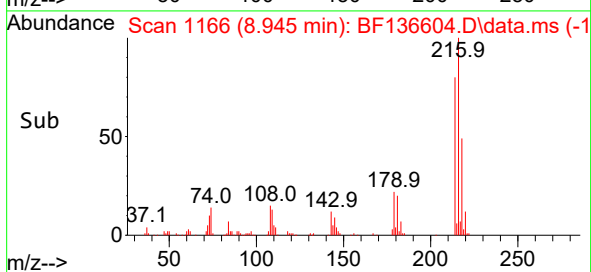
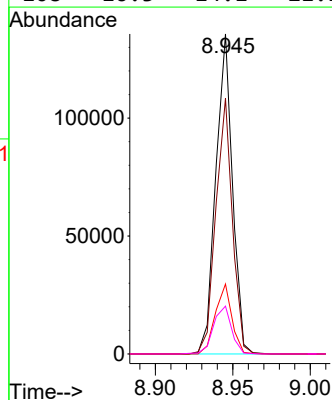
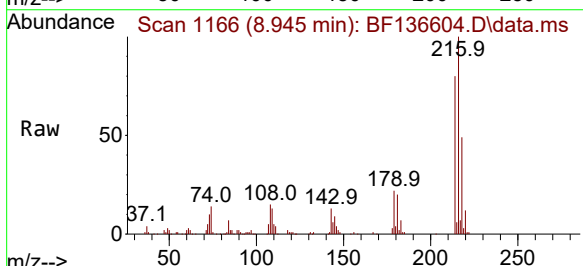
Ion Ratio Lower Upper

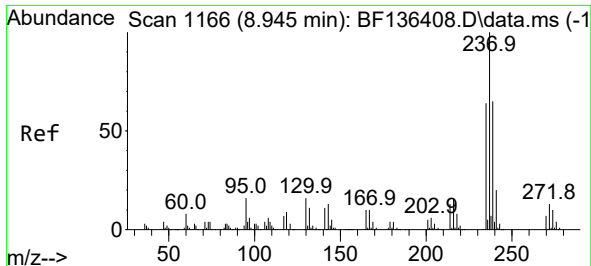
216 100

214 79.4 64.1 96.1

179 21.7 17.0 25.6

108 16.3 14.1 21.1

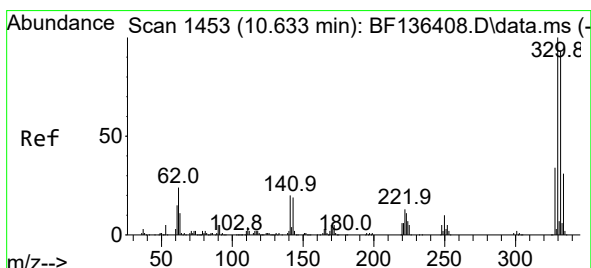
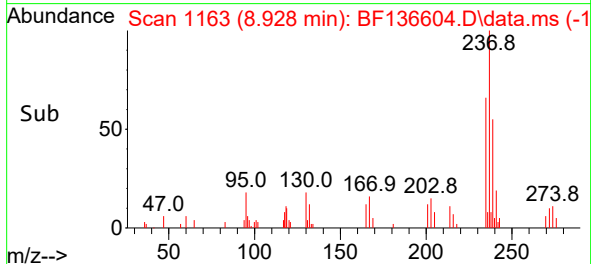
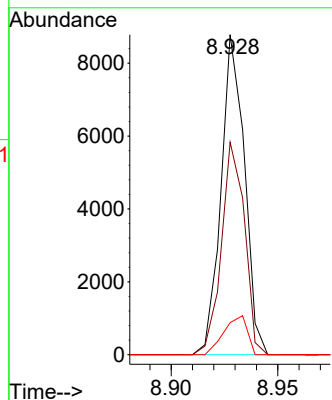
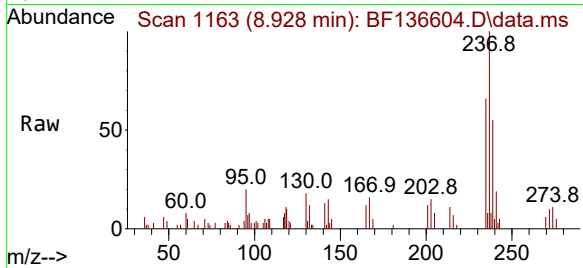




#41
Hexachlorocyclopentadiene
Concen: 4.436 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

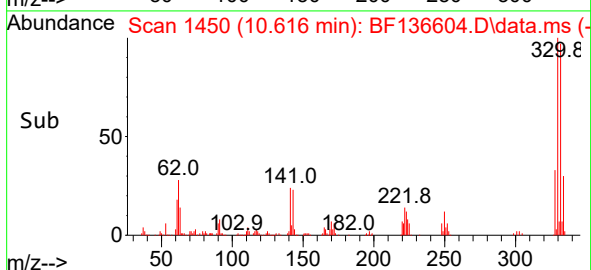
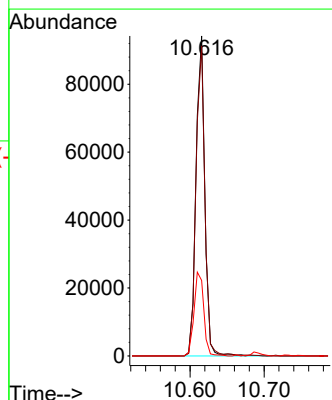
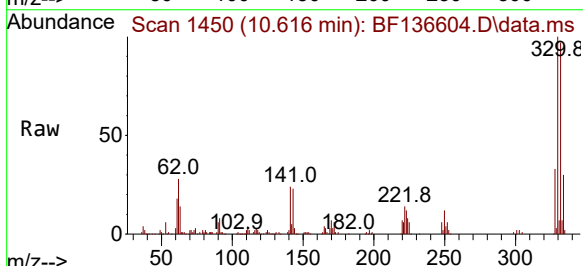
Instrument :
BNA_F
ClientSampleId :
600572408-MSD

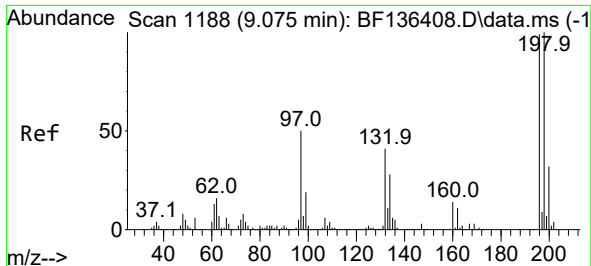
Tgt Ion:237 Resp: 6703
Ion Ratio Lower Upper
237 100
235 66.4 44.1 84.1
272 10.0 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 48.012 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

Tgt Ion:330 Resp: 77609
Ion Ratio Lower Upper
330 100
332 97.7 76.4 114.6
141 29.1 23.4 35.2

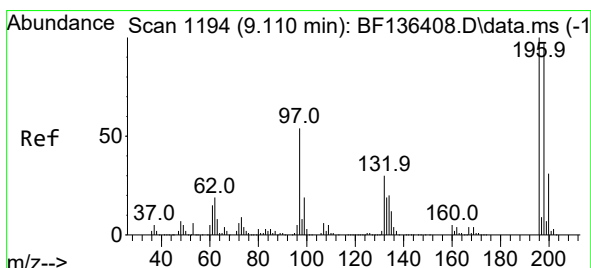
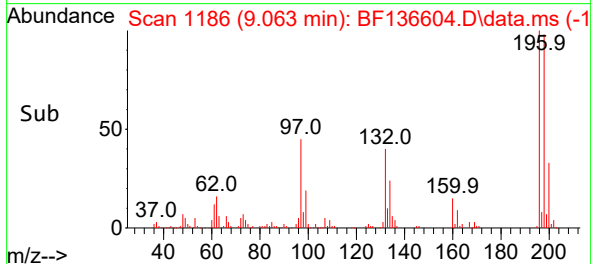
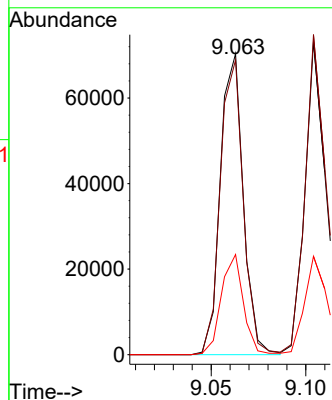
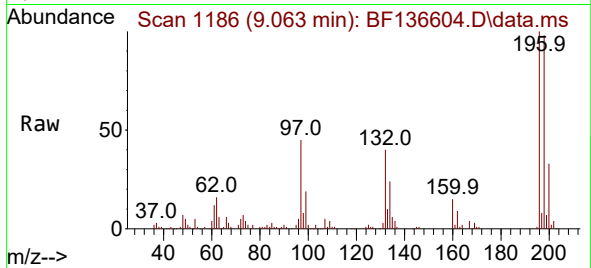




#43
2,4,6-Trichlorophenol
Concen: 22.333 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

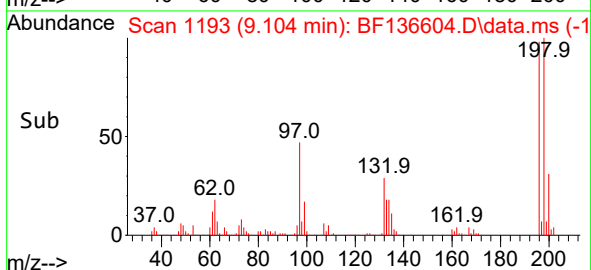
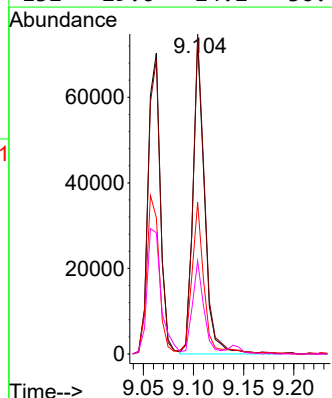
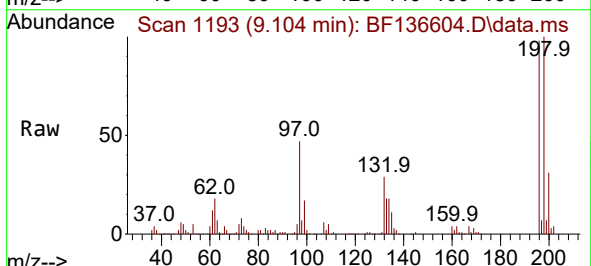
Instrument :
BNA_F
ClientSampleId :
600572408-MSD

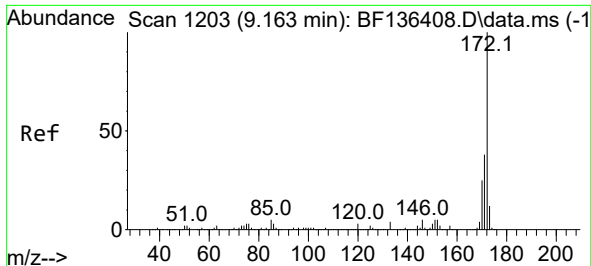
Tgt Ion:196 Resp: 59309
Ion Ratio Lower Upper
196 100
198 97.9 80.4 120.6
200 33.3 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 19.918 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

Tgt Ion:196 Resp: 59036
Ion Ratio Lower Upper
196 100
198 102.1 78.1 117.1
97 48.4 43.4 65.2
132 29.6 24.2 36.4

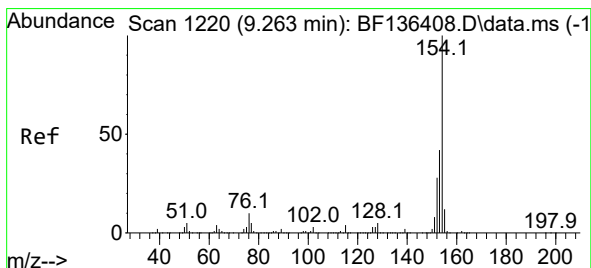
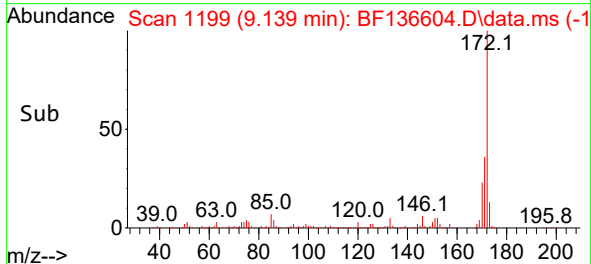
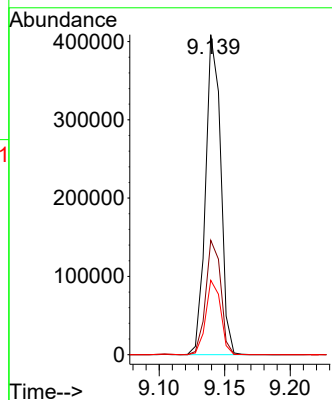
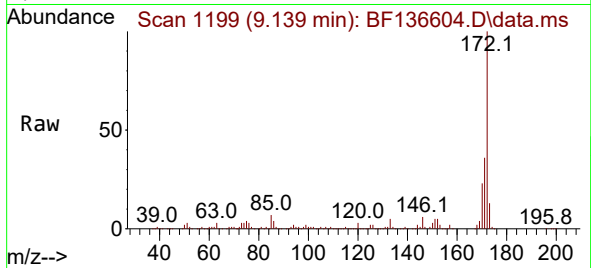




#45
2-Fluorobiphenyl
Concen: 34.215 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

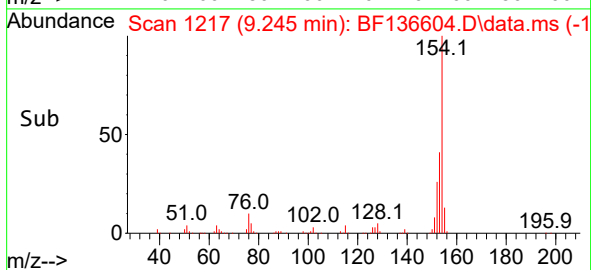
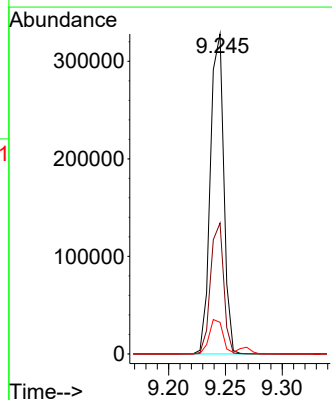
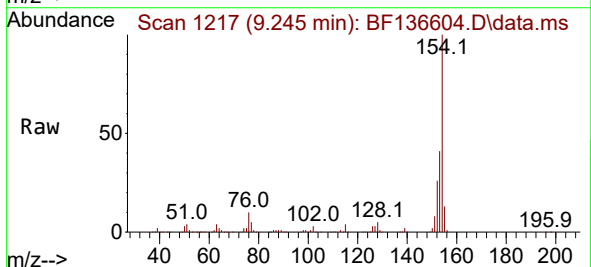
Instrument :
BNA_F
ClientSampleId :
600572408-MSD

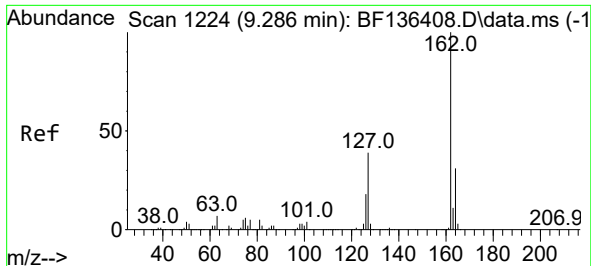
Tgt Ion:172 Resp: 328728
Ion Ratio Lower Upper
172 100
171 35.8 30.5 45.7
170 23.3 19.9 29.9



#46
1,1'-Biphenyl
Concen: 24.144 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.000 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

Tgt Ion:154 Resp: 269324
Ion Ratio Lower Upper
154 100
153 40.9 22.5 62.5
76 9.9 0.0 29.9

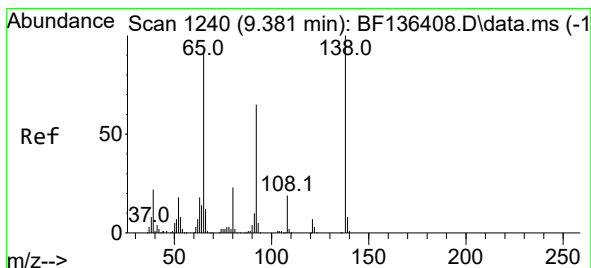
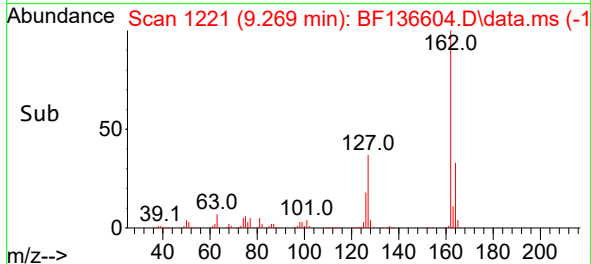
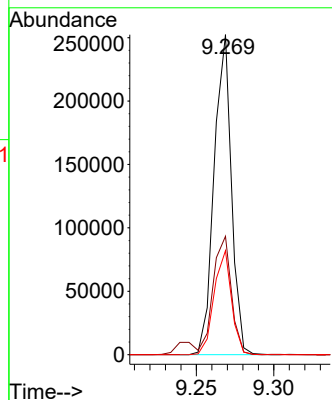
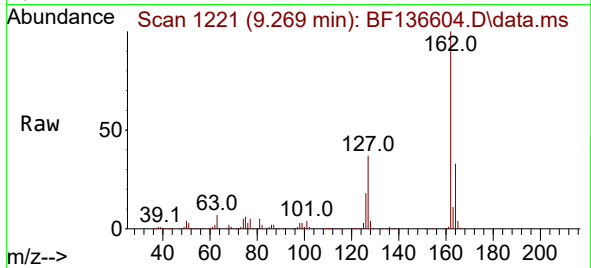




#47
2-Chloronaphthalene
Concen: 22.551 ng
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

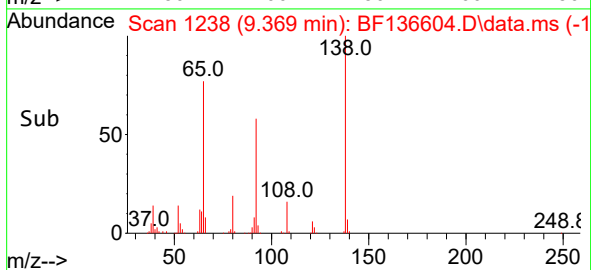
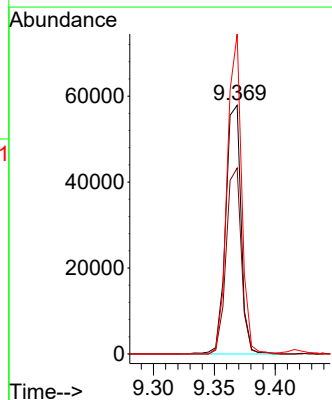
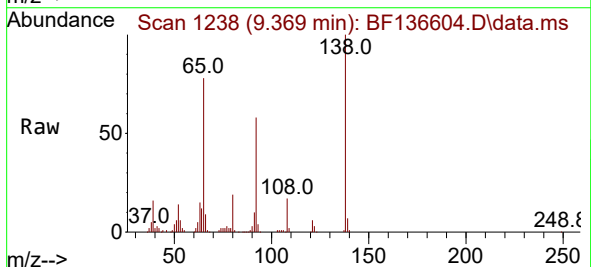
Instrument :
BNA_F
ClientSampleId :
600572408-MSD

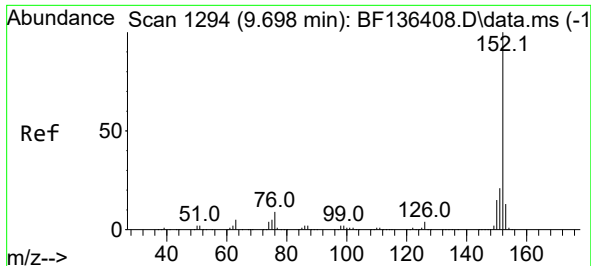
Tgt Ion:162 Resp: 195793
Ion Ratio Lower Upper
162 100
127 37.0 31.1 46.7
164 32.5 24.6 37.0



#48
2-Nitroaniline
Concen: 21.860 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

Tgt Ion: 65 Resp: 50902
Ion Ratio Lower Upper
65 100
92 74.8 56.1 84.1
138 128.7 86.7 130.1

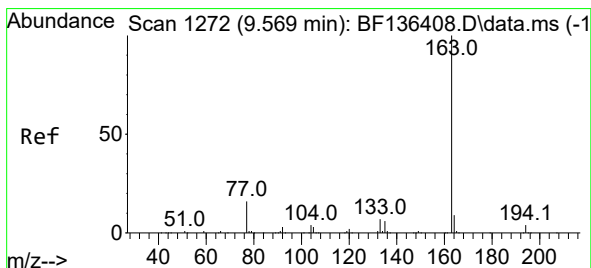
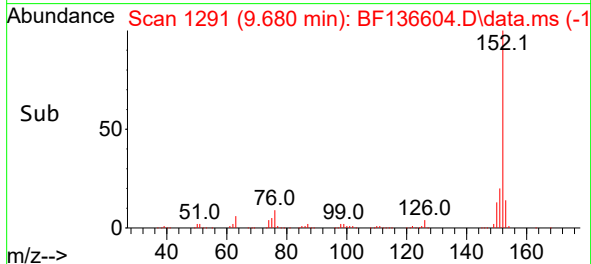
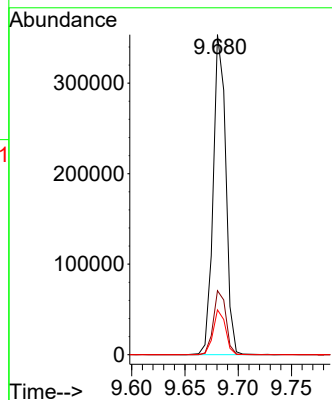
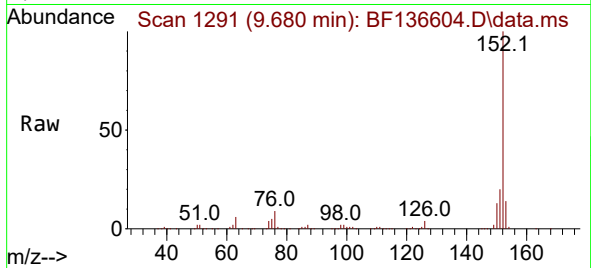




#49
Acenaphthylene
Concen: 23.571 ng
RT: 9.680 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

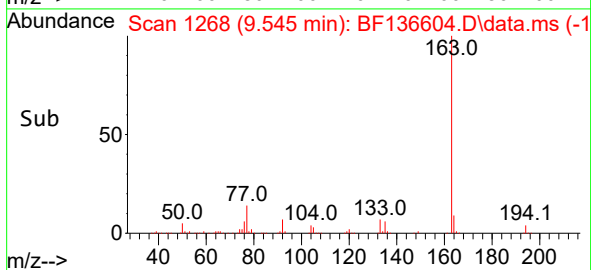
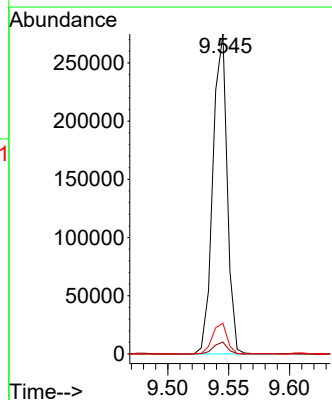
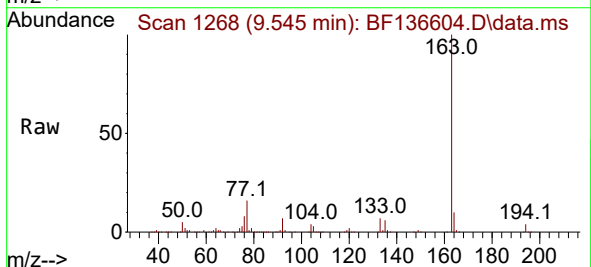
Instrument :
BNA_F
ClientSampleId :
600572408-MSD

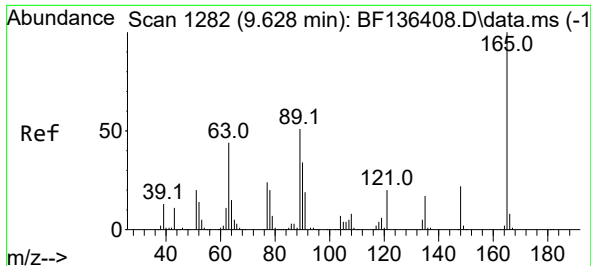
Tgt Ion:152 Resp: 291527
Ion Ratio Lower Upper
152 100
151 20.0 17.2 25.8
153 14.0 10.6 15.8



#50
Dimethylphthalate
Concen: 23.368 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

Tgt Ion:163 Resp: 225541
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 9.6 7.4 11.2

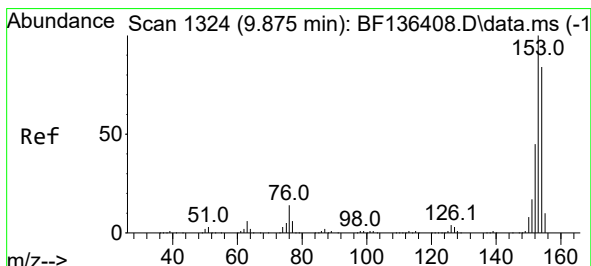
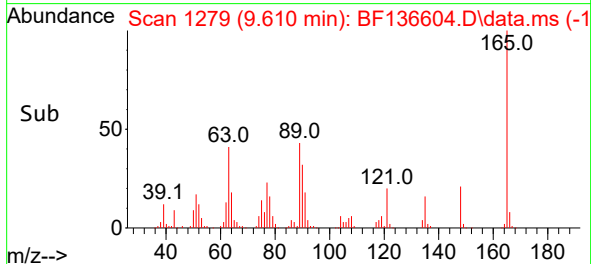
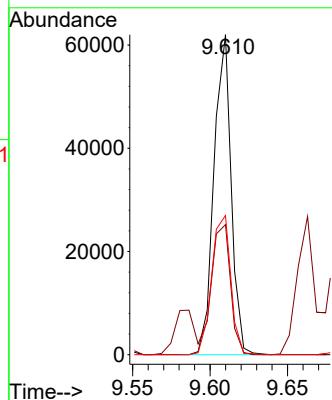
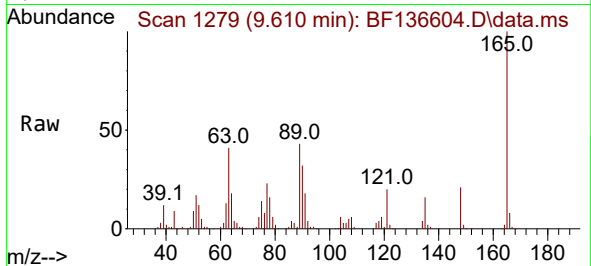




#51
2,6-Dinitrotoluene
Concen: 22.019 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

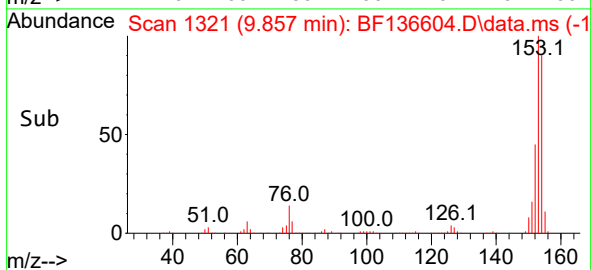
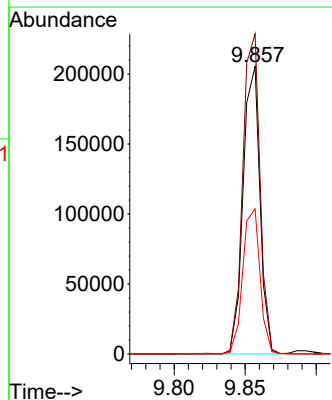
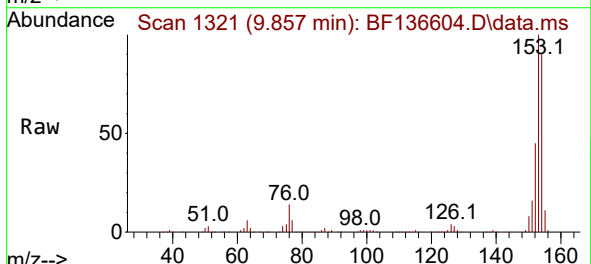
Instrument :
BNA_F
ClientSampleId :
600572408-MSD

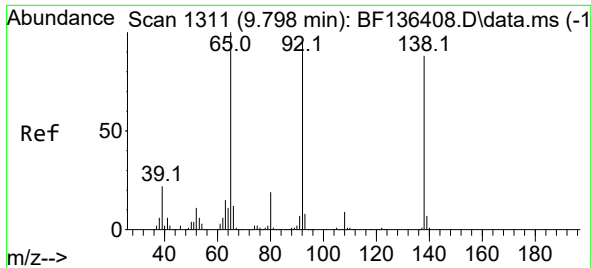
Tgt Ion:165 Resp: 47811
Ion Ratio Lower Upper
165 100
63 40.6 40.4 60.6
89 43.5 40.6 60.8



#52
Acenaphthene
Concen: 21.442 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

Tgt Ion:154 Resp: 169941
Ion Ratio Lower Upper
154 100
153 111.3 95.3 142.9
152 50.5 43.2 64.8

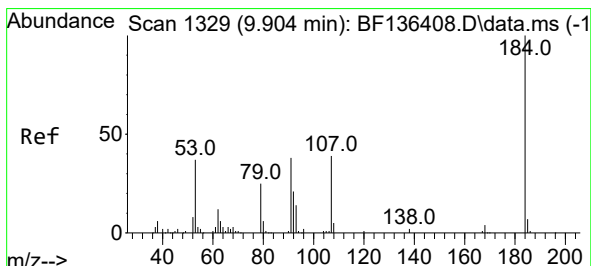
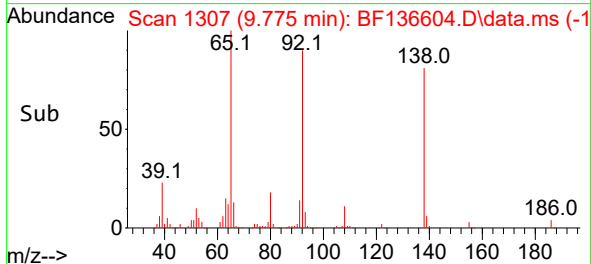
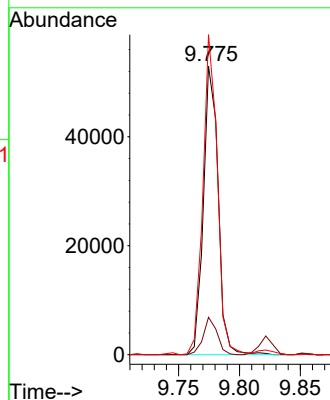
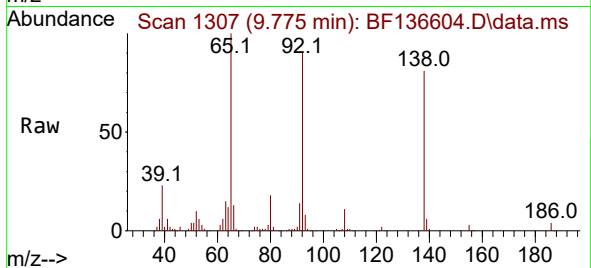




#53
3-Nitroaniline
Concen: 20.153 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

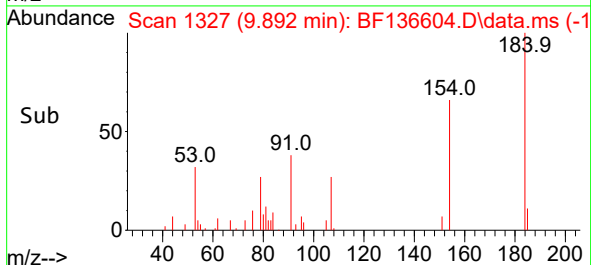
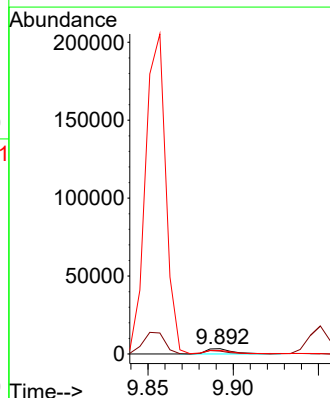
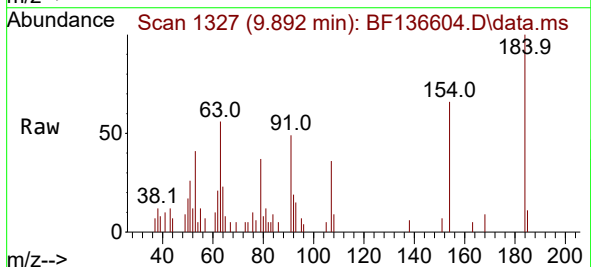
Instrument :
BNA_F
ClientSampleId :
600572408-MSD

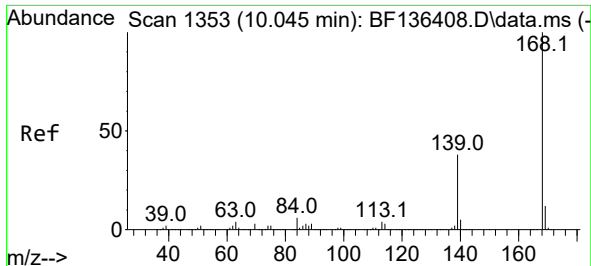
Tgt Ion:138 Resp: 44687
Ion Ratio Lower Upper
138 100
108 13.0 8.5 12.7#
92 110.9 86.1 129.1



#54
2,4-Dinitrophenol
Concen: 3.420 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

Tgt Ion:184 Resp: 3755
Ion Ratio Lower Upper
184 100
63 56.1 39.1 58.7
154 66.1 49.9 74.9

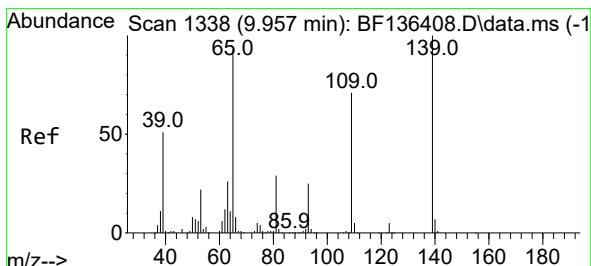
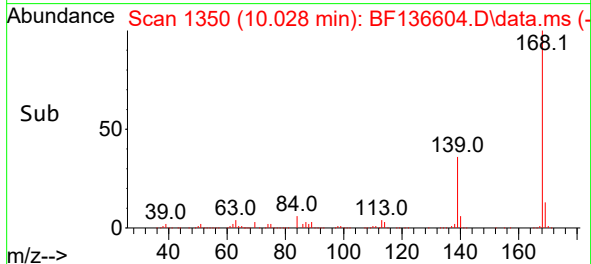
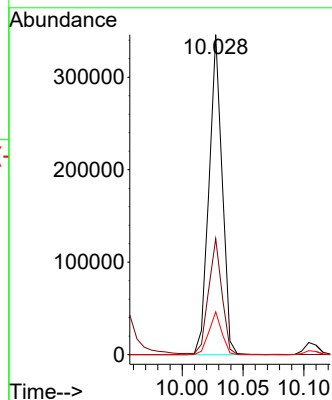
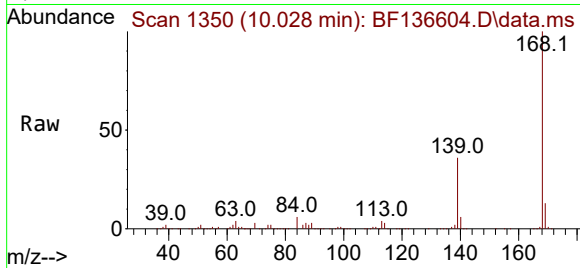




#55
Dibenzenofuran
Concen: 22.423 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

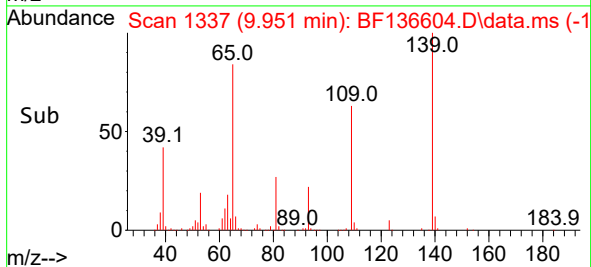
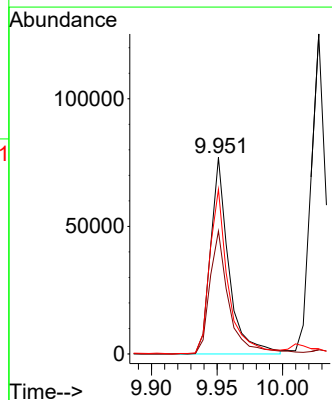
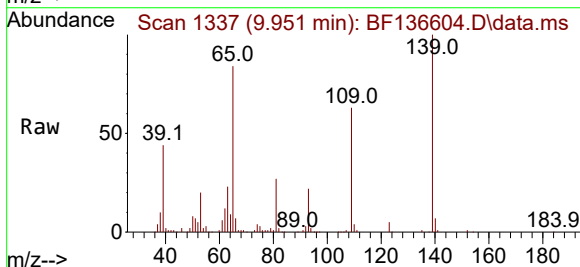
Instrument :
BNA_F
ClientSampleId :
600572408-MSD

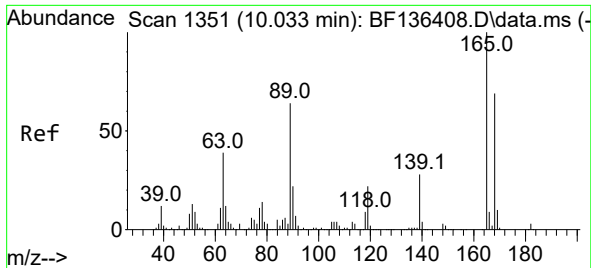
Tgt Ion:168 Resp: 259619
Ion Ratio Lower Upper
168 100
139 36.2 30.4 45.6
169 13.4 9.9 14.9



#56
4-Nitrophenol
Concen: 44.733 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

Tgt Ion:139 Resp: 74357
Ion Ratio Lower Upper
139 100
109 62.5 50.6 90.6
65 83.8 73.1 113.1

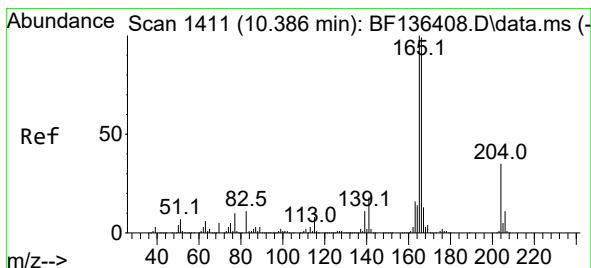
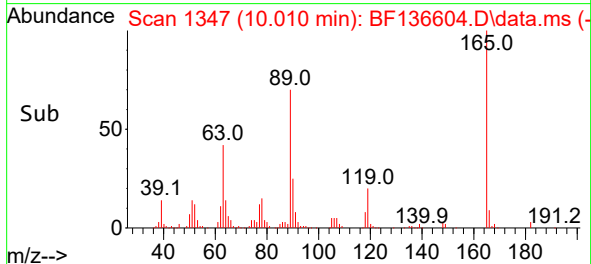
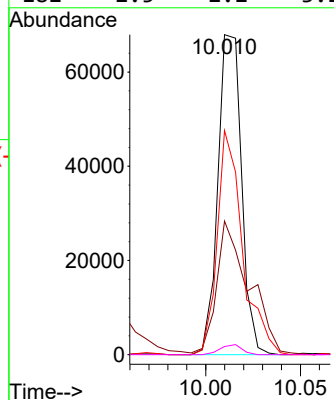
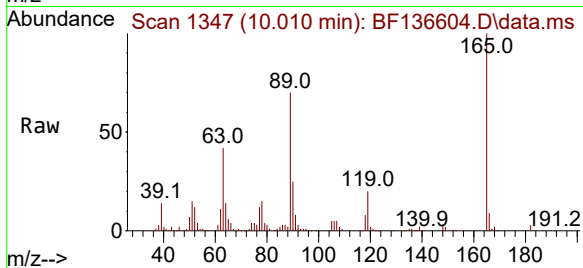




#57
2,4-Dinitrotoluene
Concen: 20.633 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

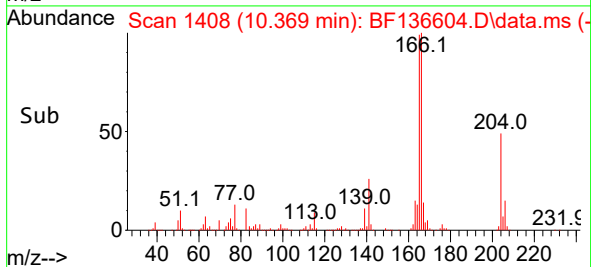
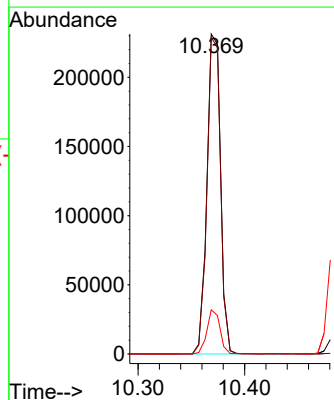
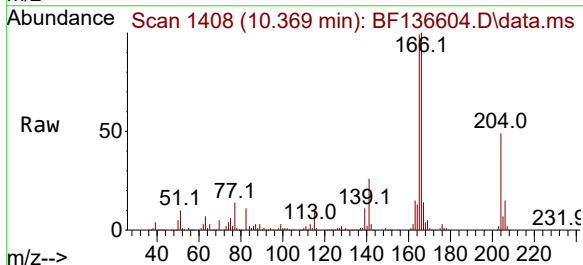
Instrument :
BNA_F
ClientSampleId :
600572408-MSD

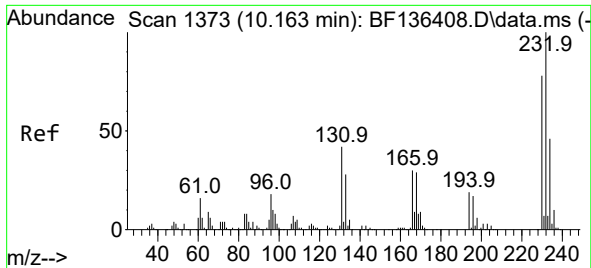
Tgt Ion:	165	Resp:	59269
Ion Ratio	Lower	Upper	
165	100		
63	41.7	31.4	47.2
89	70.1	51.7	77.5
182	2.5	2.2	3.2



#58
Fluorene
Concen: 22.162 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

Tgt Ion:	166	Resp:	205974
Ion Ratio	Lower	Upper	
166	100		
165	98.9	80.5	120.7
167	13.8	10.5	15.7

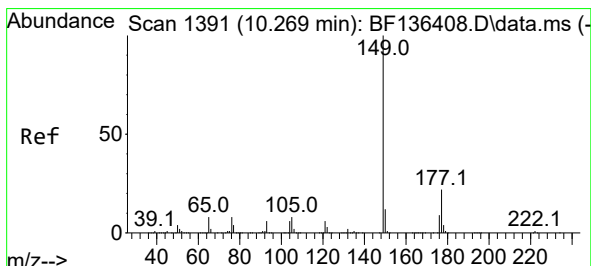
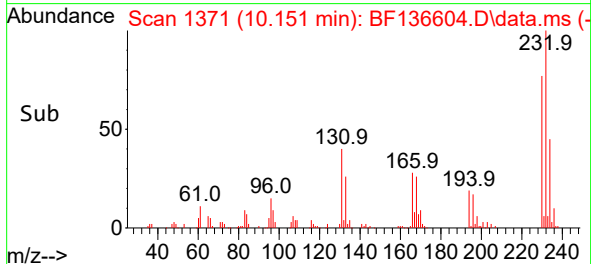
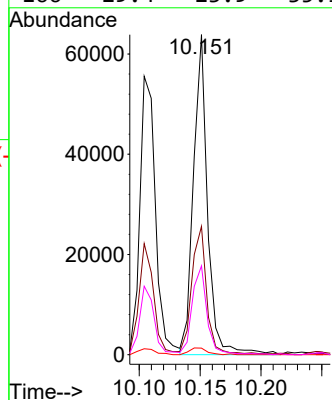
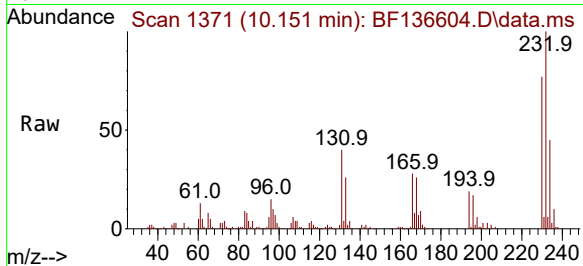




#59
2,3,4,6-Tetrachlorophenol
Concen: 21.760 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

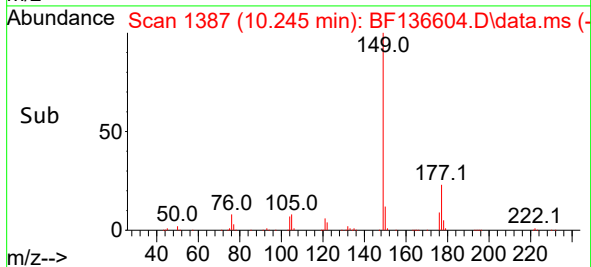
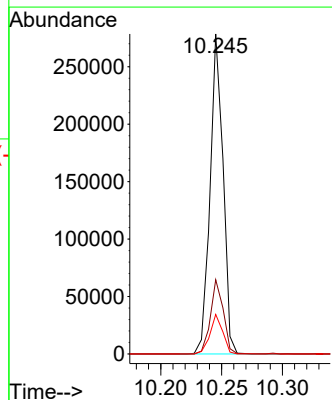
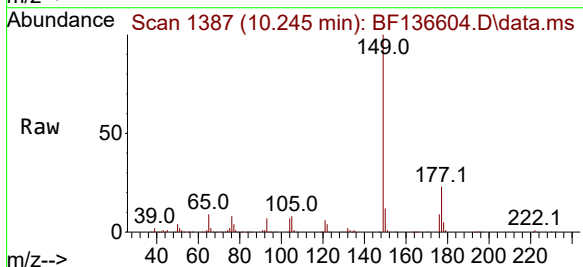
Instrument :
BNA_F
ClientSampleId :
600572408-MSD

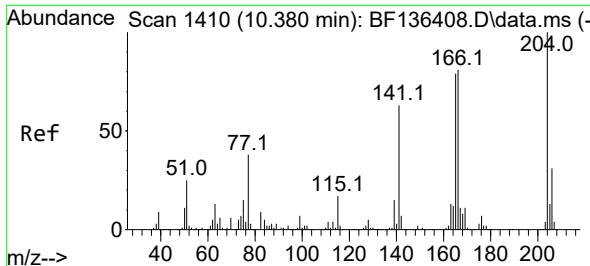
Tgt Ion:232 Resp: 51664
Ion Ratio Lower Upper
232 100
131 41.7 34.3 51.5
130 2.7 1.6 2.4#
166 29.4 23.9 35.9



#60
Diethylphthalate
Concen: 21.752 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

Tgt Ion:149 Resp: 206446
Ion Ratio Lower Upper
149 100
177 23.2 17.8 26.8
150 12.4 9.4 14.0

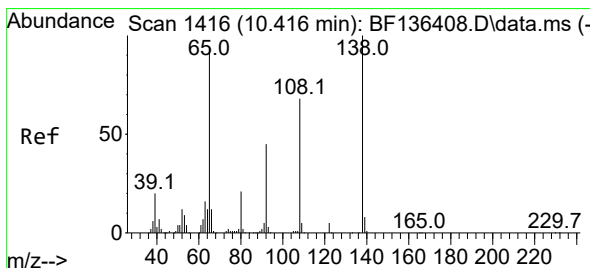
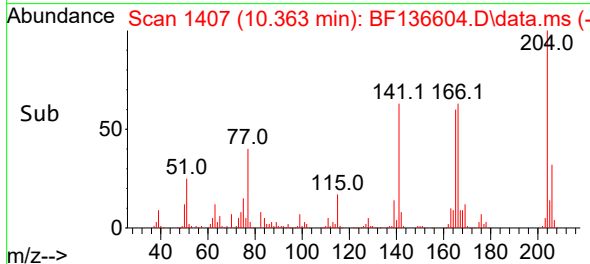
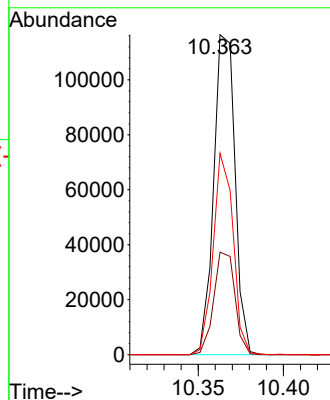
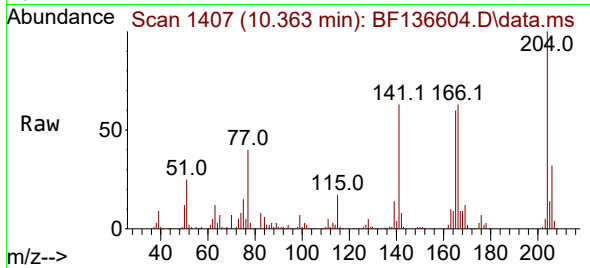




#61
4-Chlorophenyl-phenylether
Concen: 22.436 ng
RT: 10.363 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

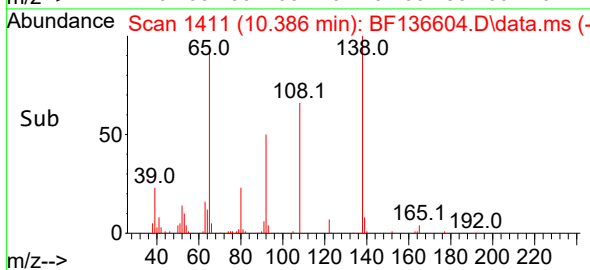
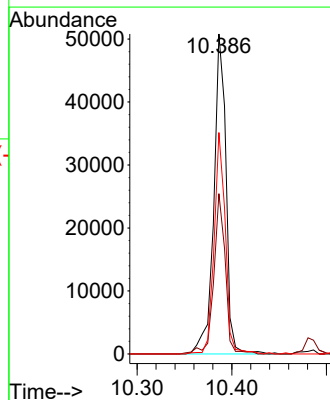
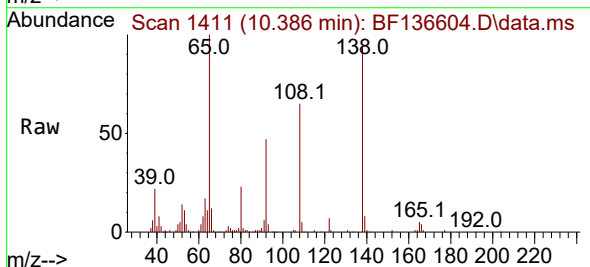
Instrument :
BNA_F
ClientSampleId :
600572408-MSD

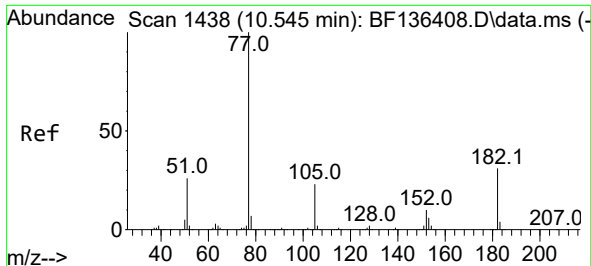
Tgt Ion:204 Resp: 101652
Ion Ratio Lower Upper
204 100
206 32.0 24.6 36.8
141 62.9 50.3 75.5



#62
4-Nitroaniline
Concen: 20.690 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.018 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

Tgt Ion:138 Resp: 45553
Ion Ratio Lower Upper
138 100
92 50.1 25.0 65.0
108 69.2 47.9 87.9

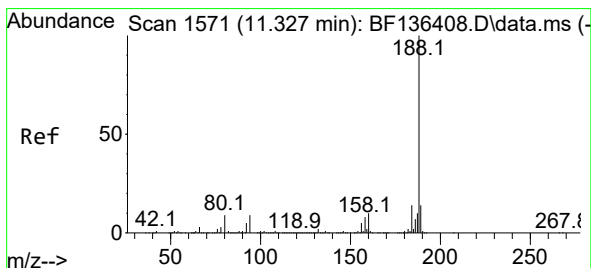
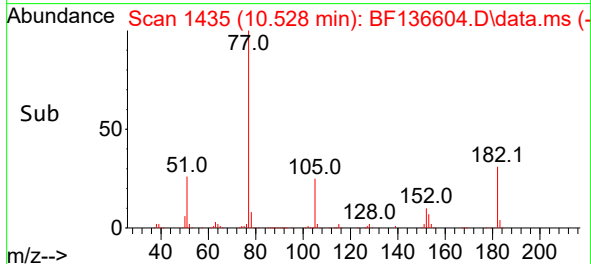
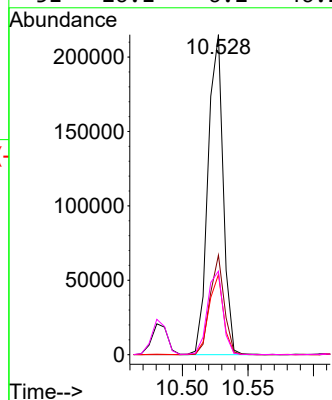
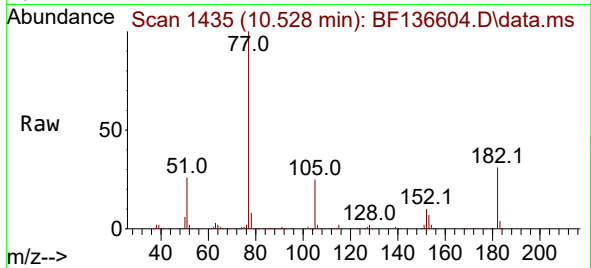




#63
Azobenzene
Concen: 20.100 ng
RT: 10.528 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

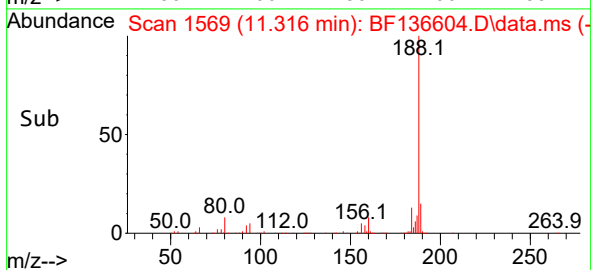
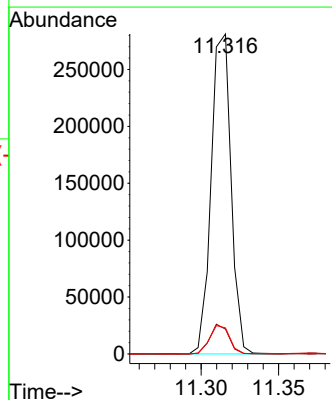
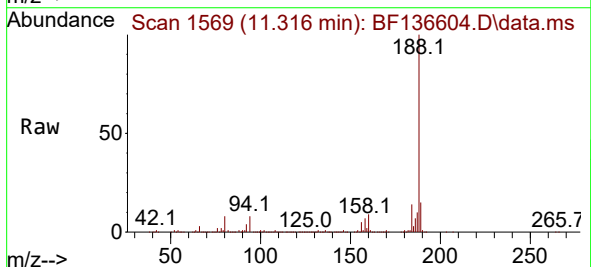
Instrument :
BNA_F
ClientSampleId :
600572408-MSD

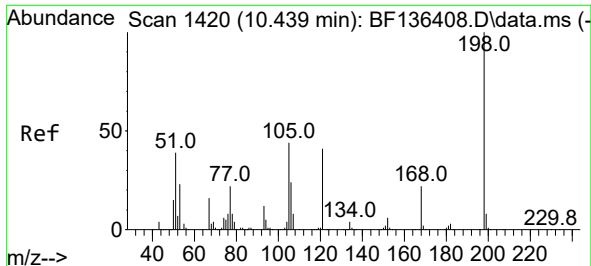
Tgt Ion:	77	Resp:	173638
Ion	Ratio	Lower	Upper
77	100		
182	31.1	10.8	50.8
105	25.1	2.6	42.6
51	26.1	6.2	46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

Tgt Ion:	188	Resp:	251776
Ion	Ratio	Lower	Upper
188	100		
94	7.7	7.2	10.8
80	8.1	7.2	10.8

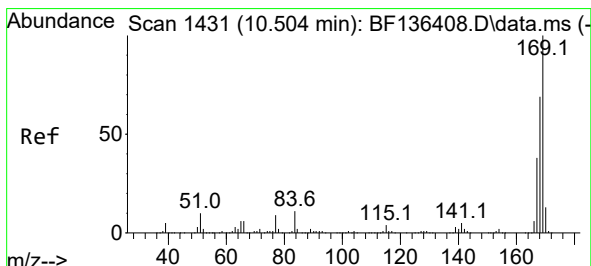
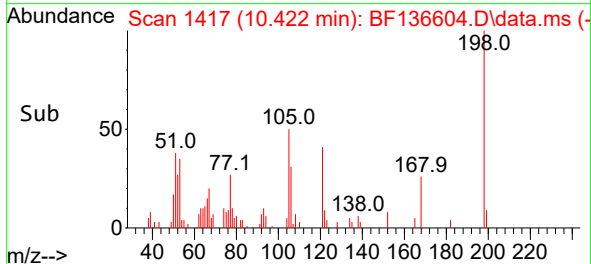
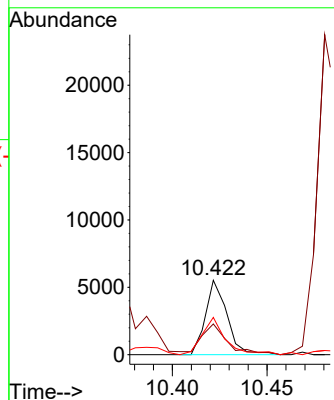
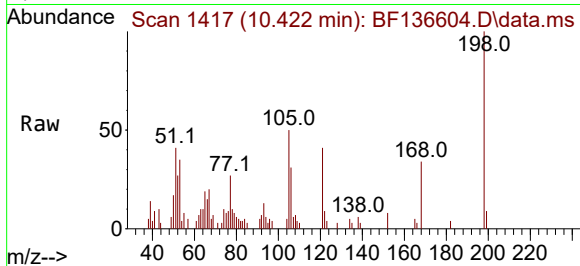




#65
4,6-Dinitro-2-methylphenol
Concen: 2.793 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

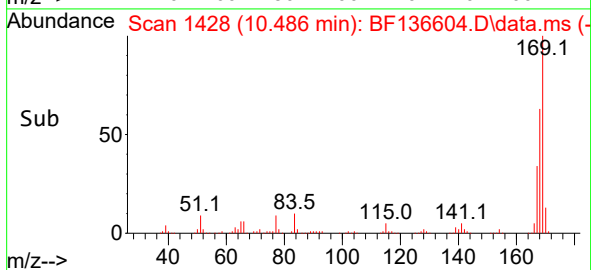
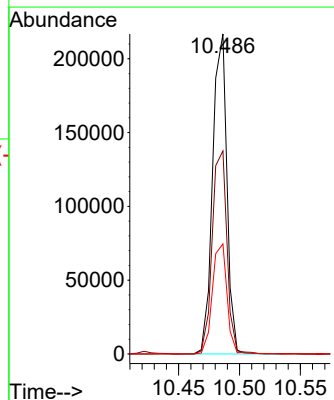
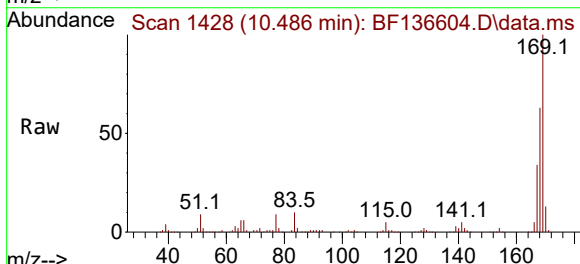
Instrument :
BNA_F
ClientSampleId :
600572408-MSD

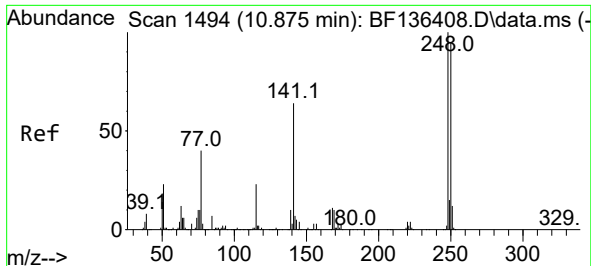
Tgt Ion:198 Resp: 4355
Ion Ratio Lower Upper
198 100
51 41.4 24.1 64.1
105 50.2 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 21.806 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

Tgt Ion:169 Resp: 176170
Ion Ratio Lower Upper
169 100
168 63.5 55.3 82.9
167 34.4 30.1 45.1

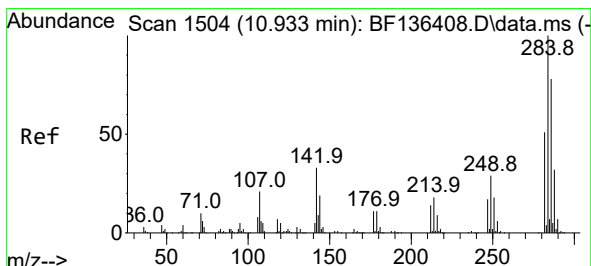
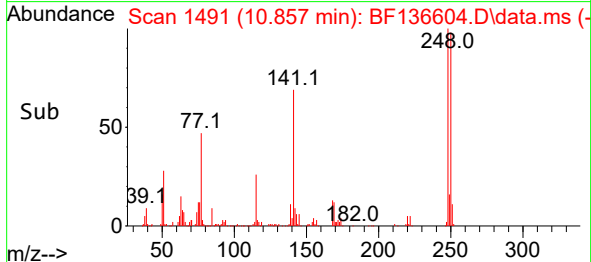
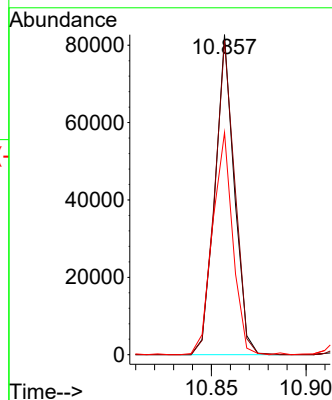
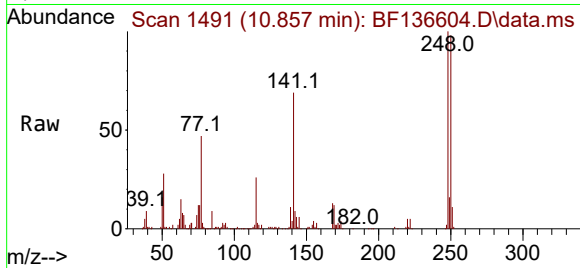




#67
4-Bromophenyl-phenylether
Concen: 20.050 ng
RT: 10.857 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

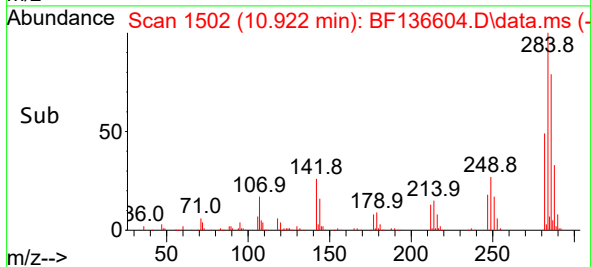
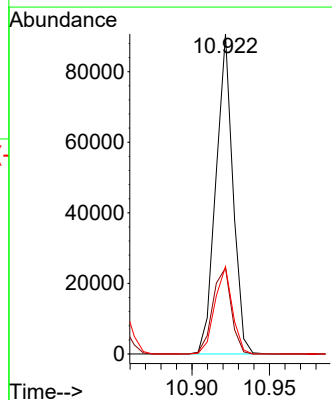
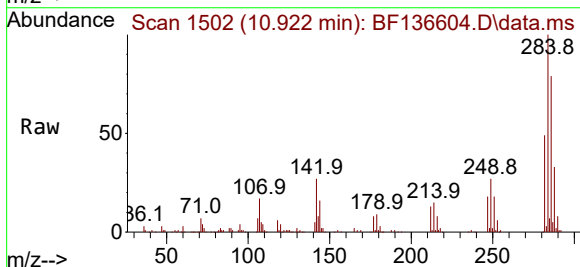
Instrument :
BNA_F
ClientSampleId :
600572408-MSD

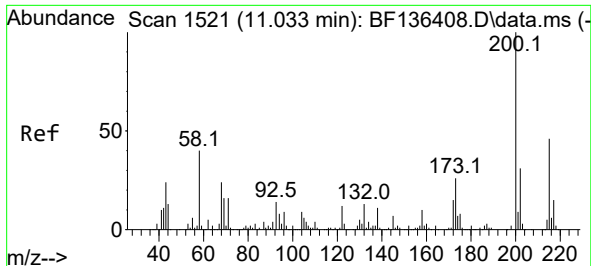
Tgt Ion:248 Resp: 58691
Ion Ratio Lower Upper
248 100
250 98.2 76.2 114.2
141 69.4 51.0 76.4



#68
Hexachlorobenzene
Concen: 20.426 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

Tgt Ion:284 Resp: 69107
Ion Ratio Lower Upper
284 100
142 26.9 26.5 39.7
249 27.3 23.4 35.0

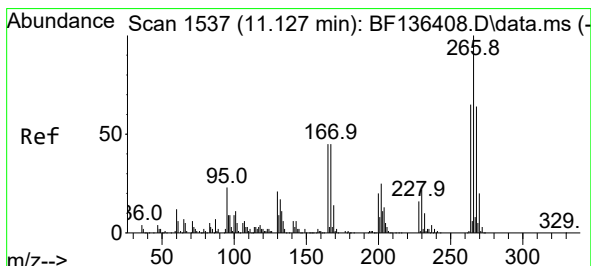
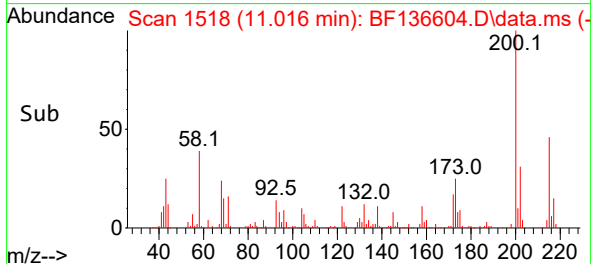
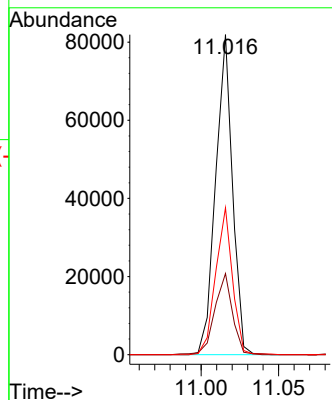
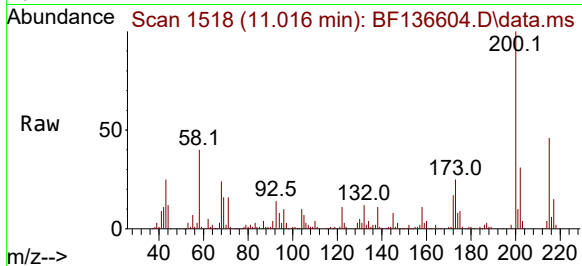




#69
 Atrazine
 Concen: 26.770 ng
 RT: 11.016 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136604.D
 Acq: 15 Dec 2023 21:10

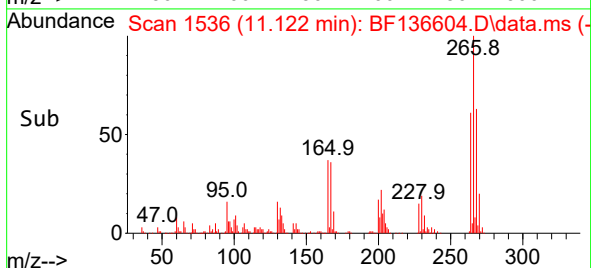
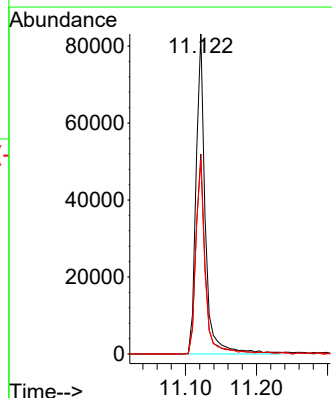
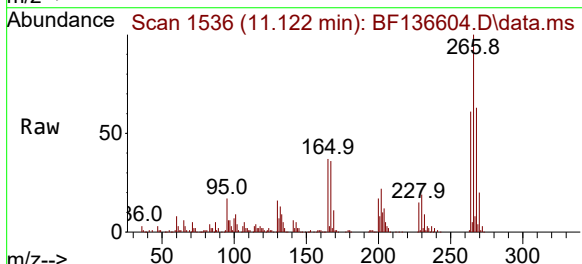
Instrument :
 BNA_F
 ClientSampleId :
 600572408-MSD

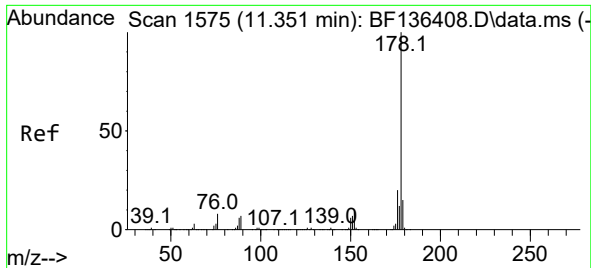
Tgt Ion:200 Resp: 61728
 Ion Ratio Lower Upper
 200 100
 173 25.4 6.0 46.0
 215 45.9 25.5 65.5



#70
 Pentachlorophenol
 Concen: 39.595 ng
 RT: 11.122 min Scan# 1536
 Delta R.T. -0.000 min
 Lab File: BF136604.D
 Acq: 15 Dec 2023 21:10

Tgt Ion:266 Resp: 75606
 Ion Ratio Lower Upper
 266 100
 268 62.5 51.0 76.6
 264 60.6 52.2 78.4

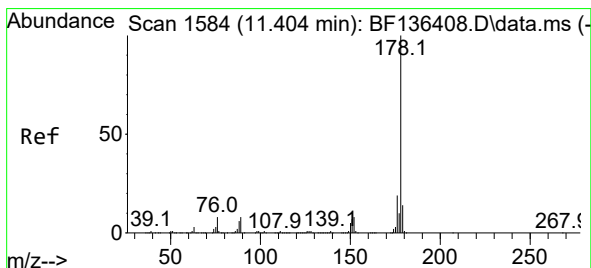
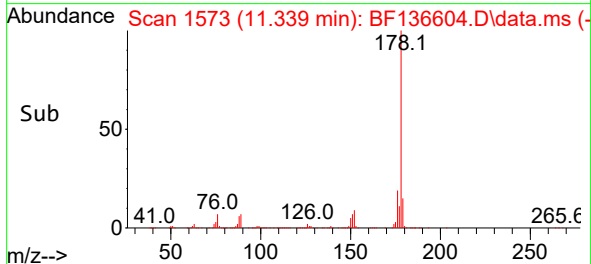
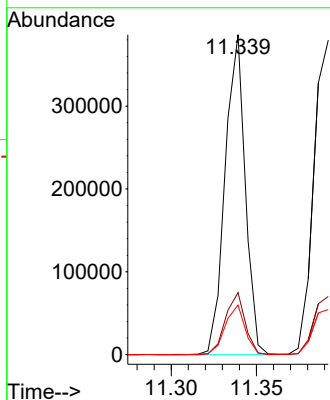
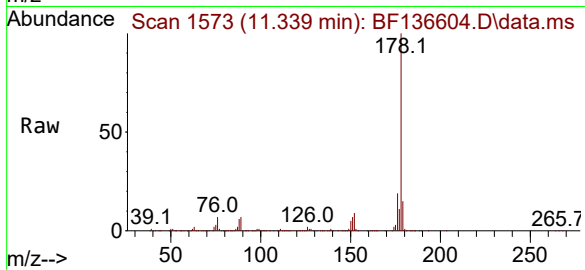




#71
Phenanthrene
Concen: 22.932 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

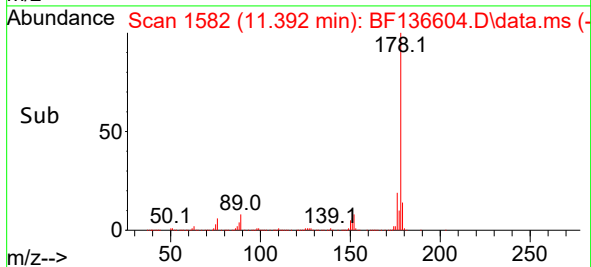
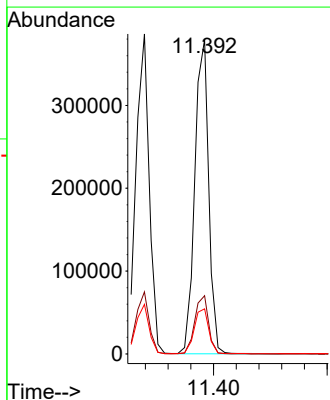
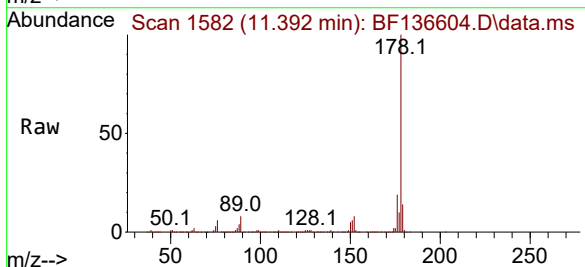
Instrument :
BNA_F
ClientSampleId :
600572408-MSD

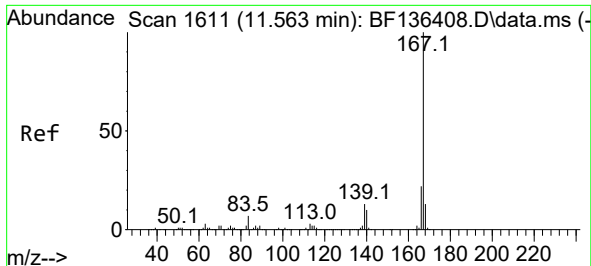
Tgt Ion:178 Resp: 317344
Ion Ratio Lower Upper
178 100
176 19.4 15.9 23.9
179 15.5 11.8 17.6



#72
Anthracene
Concen: 23.174 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

Tgt Ion:178 Resp: 323016
Ion Ratio Lower Upper
178 100
176 18.5 15.3 22.9
179 14.3 11.4 17.0

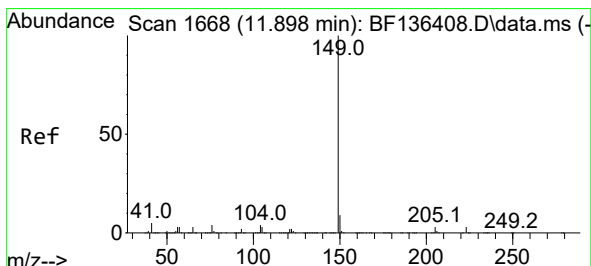
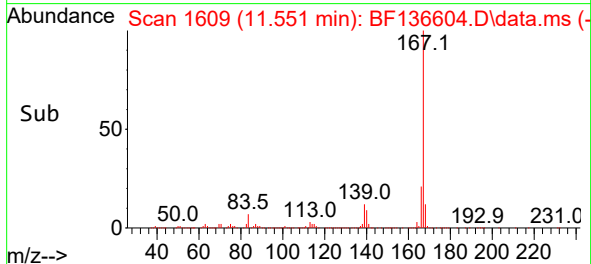
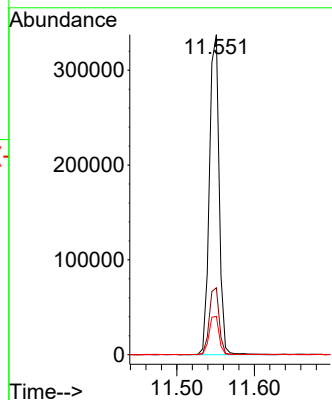
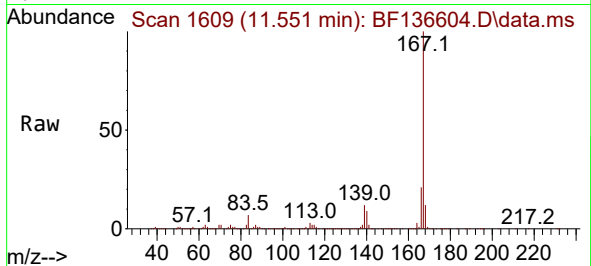




#73
 Carbazole
 Concen: 23.954 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF136604.D
 Acq: 15 Dec 2023 21:10

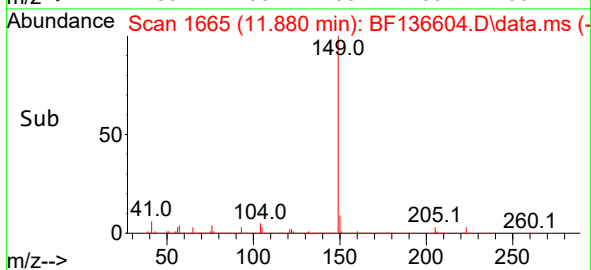
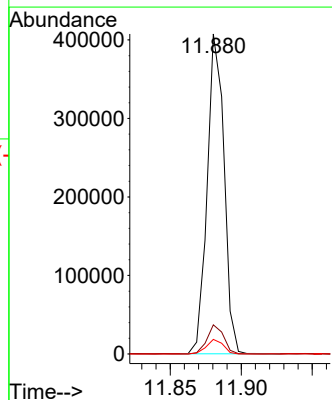
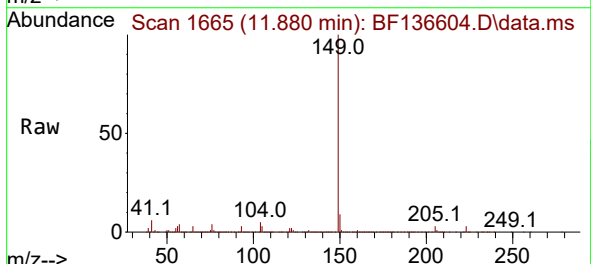
Instrument :
 BNA_F
 ClientSampleId :
 600572408-MSD

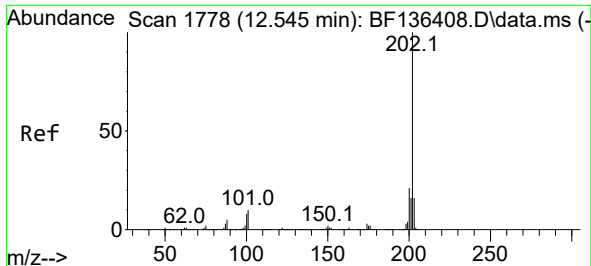
Tgt Ion:167 Resp: 295517
 Ion Ratio Lower Upper
 167 100
 166 20.9 18.0 27.0
 139 11.9 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 22.261 ng
 RT: 11.880 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF136604.D
 Acq: 15 Dec 2023 21:10

Tgt Ion:149 Resp: 336672
 Ion Ratio Lower Upper
 149 100
 150 9.1 6.9 10.3
 104 4.6 3.5 5.3

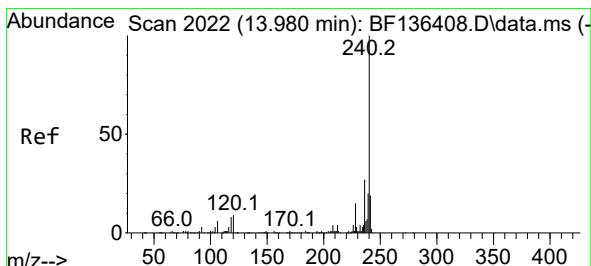
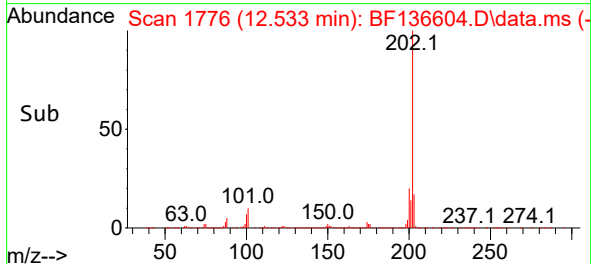
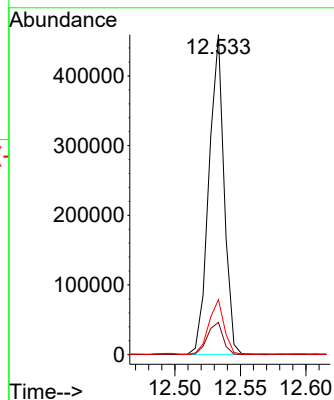
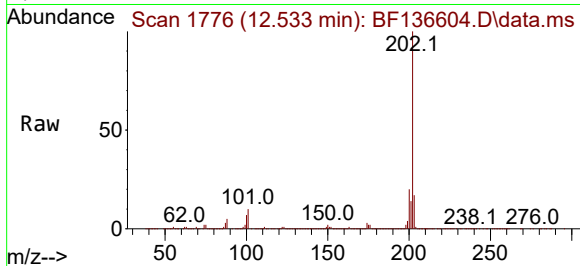




#75
Fluoranthene
Concen: 25.539 ng
RT: 12.533 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

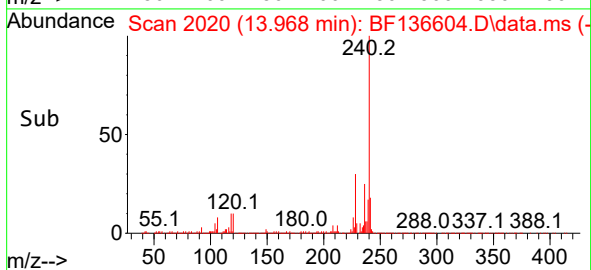
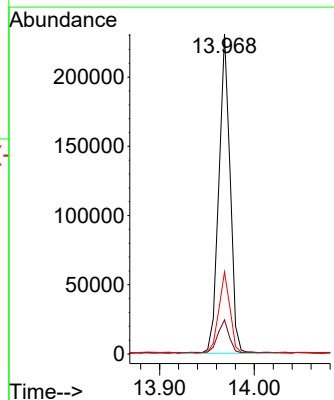
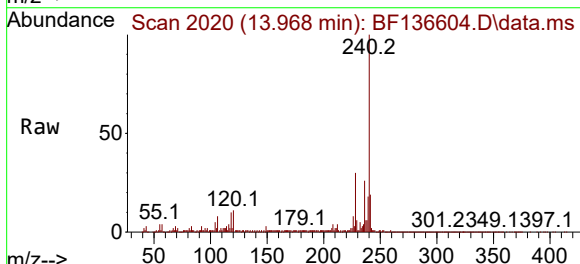
Instrument :
BNA_F
ClientSampleId :
600572408-MSD

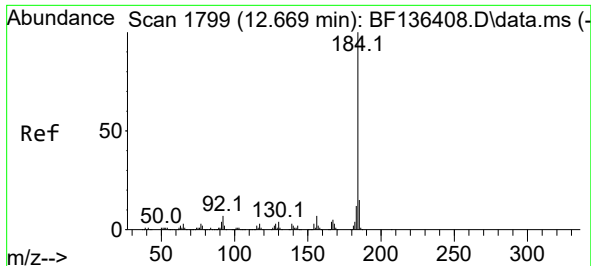
Tgt Ion:202 Resp: 370368
Ion Ratio Lower Upper
202 100
101 10.1 0.0 29.9
203 17.2 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

Tgt Ion:240 Resp: 190474
Ion Ratio Lower Upper
240 100
120 10.7 7.3 10.9
236 25.7 21.3 31.9

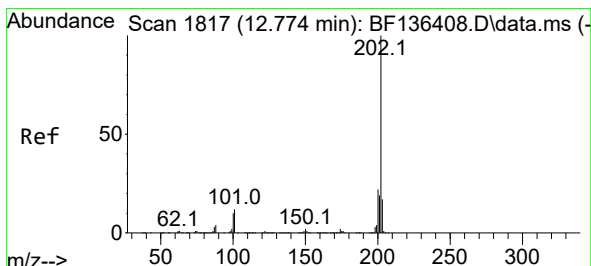
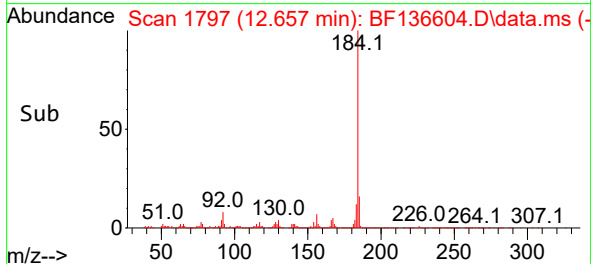
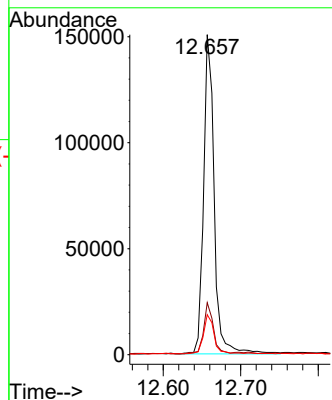
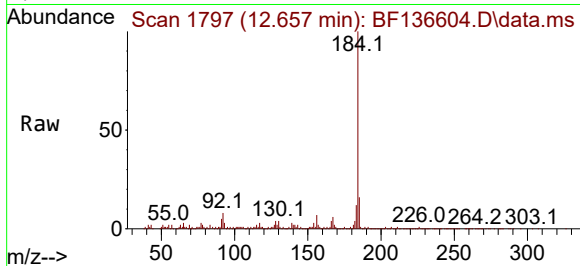




#77
Benzidine
Concen: 35.560 ng
RT: 12.657 min Scan# 1797
Delta R.T. -0.000 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

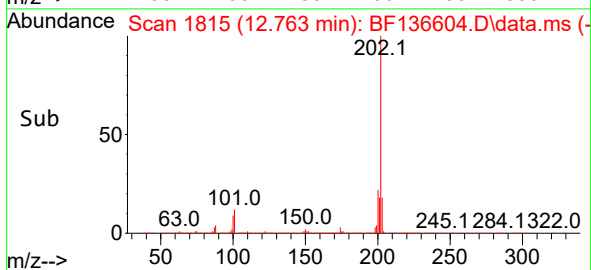
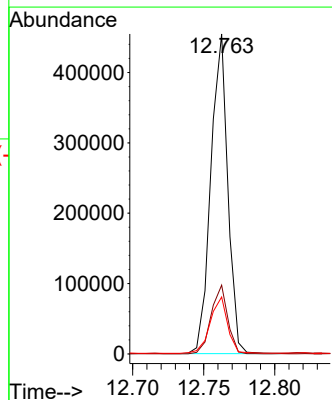
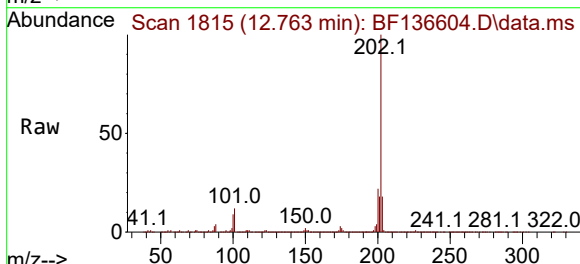
Instrument :
BNA_F
ClientSampleId :
600572408-MSD

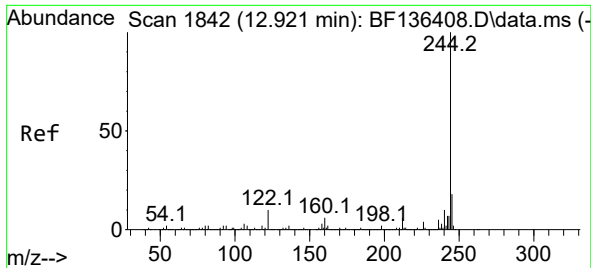
Tgt Ion:184 Resp: 142929
Ion Ratio Lower Upper
184 100
185 16.2 12.0 18.0
183 12.5 9.4 14.0



#78
Pyrene
Concen: 20.295 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

Tgt Ion:202 Resp: 378595
Ion Ratio Lower Upper
202 100
200 21.5 18.0 27.0
203 17.8 13.5 20.3

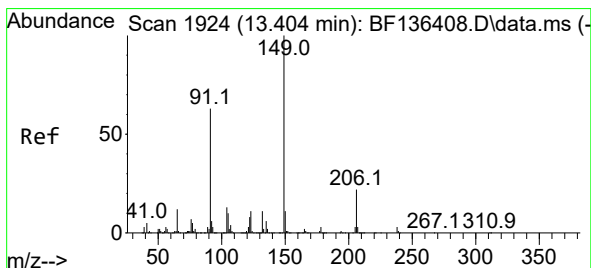
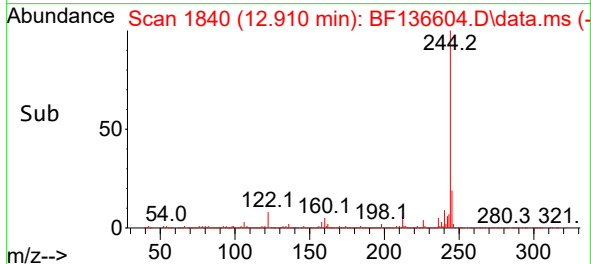
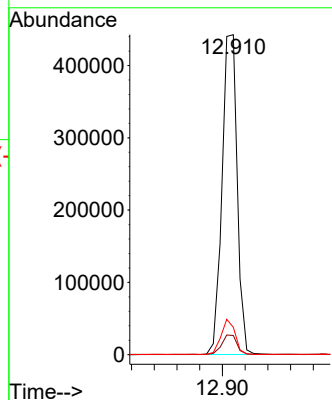
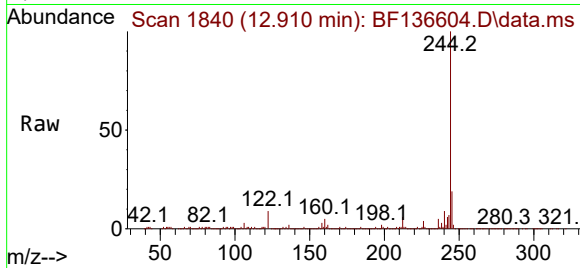




#79
 Terphenyl-d14
 Concen: 28.488 ng
 RT: 12.910 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: BF136604.D
 Acq: 15 Dec 2023 21:10

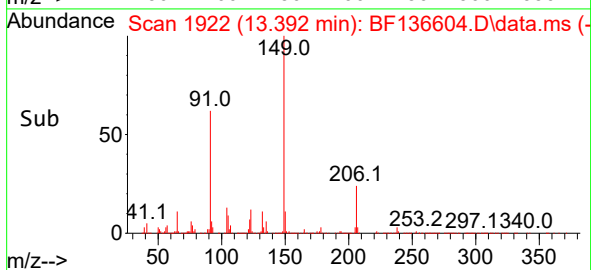
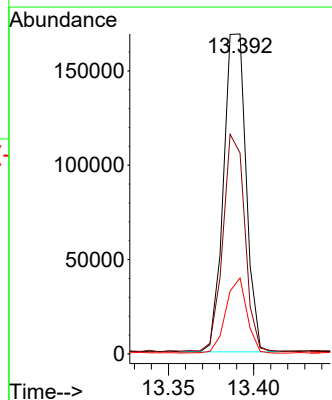
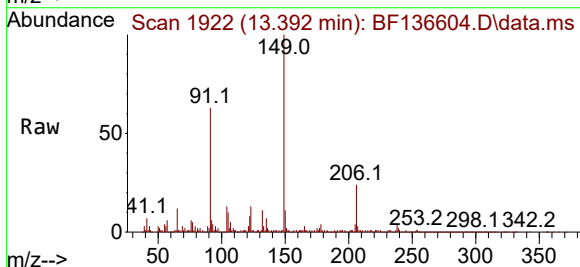
Instrument :
 BNA_F
 ClientSampleId :
 600572408-MSD

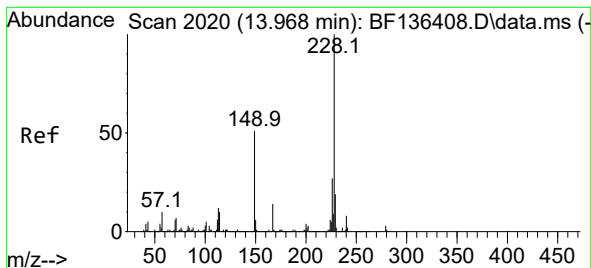
Tgt Ion:244 Resp: 411687
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.0 7.4
 122 8.5 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 23.412 ng
 RT: 13.392 min Scan# 1922
 Delta R.T. 0.006 min
 Lab File: BF136604.D
 Acq: 15 Dec 2023 21:10

Tgt Ion:149 Resp: 155468
 Ion Ratio Lower Upper
 149 100
 91 62.8 50.5 75.7
 206 23.7 17.4 26.2





#81

Benzo(a)anthracene

Concen: 23.092 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BF136604.D

Acq: 15 Dec 2023 21:10

Instrument :

BNA_F

ClientSampleId :

600572408-MSD

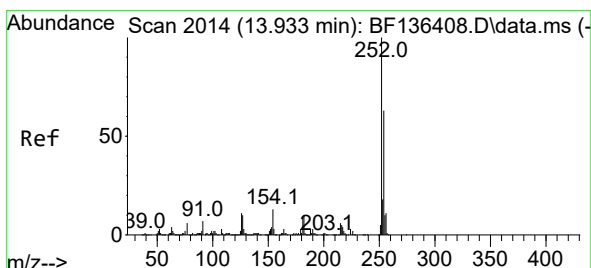
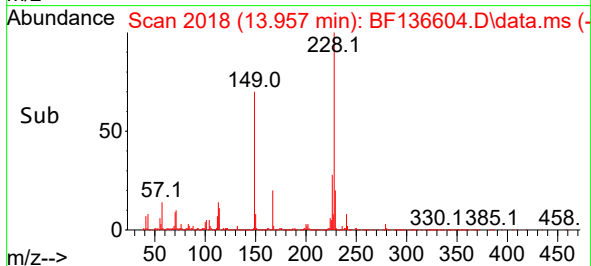
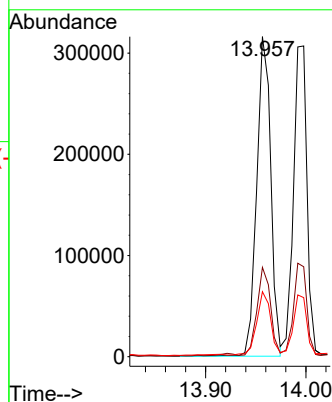
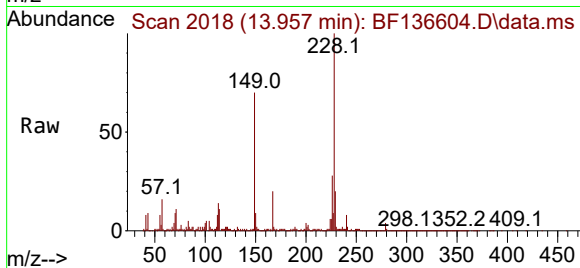
Tgt Ion:228 Resp: 306375

Ion Ratio Lower Upper

228 100

226 27.9 21.8 32.8

229 20.3 15.0 22.4



#82

3,3'-Dichlorobenzidine

Concen: 25.804 ng

RT: 13.921 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF136604.D

Acq: 15 Dec 2023 21:10

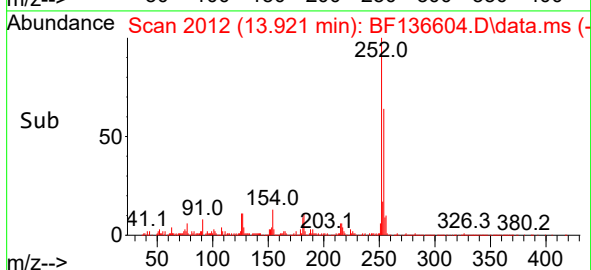
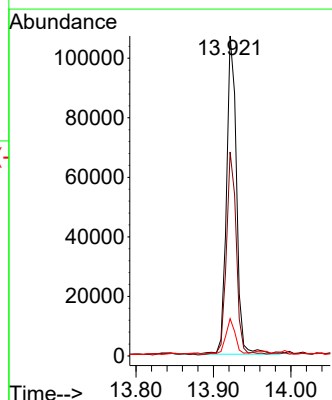
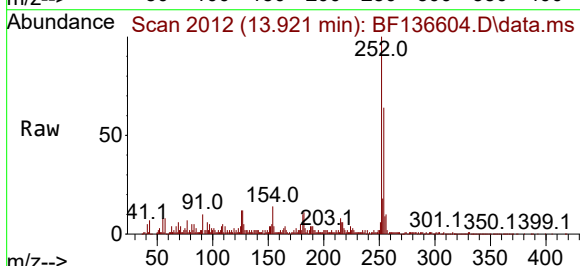
Tgt Ion:252 Resp: 95991

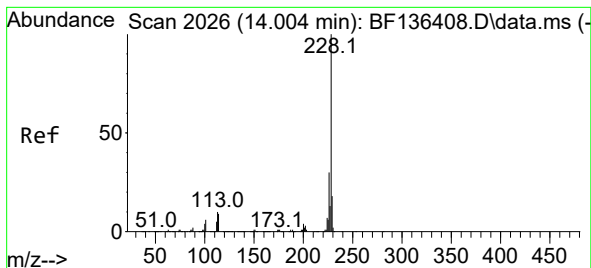
Ion Ratio Lower Upper

252 100

254 63.7 50.8 76.2

126 11.6 8.6 12.8





#83

Chrysene

Concen: 21.895 ng

RT: 13.998 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF136604.D

Acq: 15 Dec 2023 21:10

Instrument :

BNA_F

ClientSampleId :

600572408-MSD

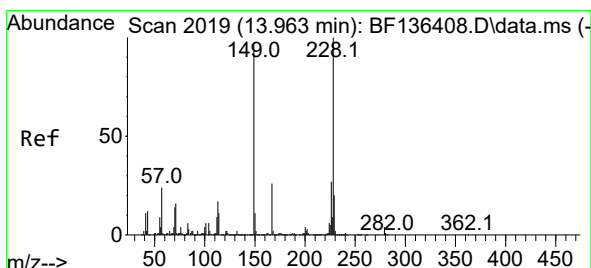
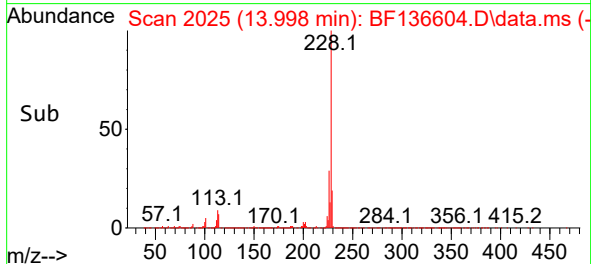
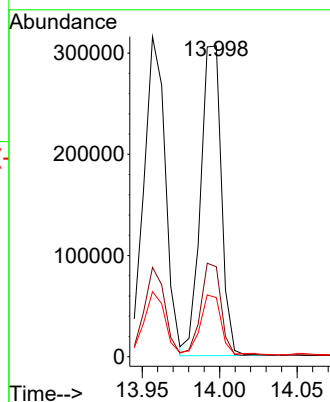
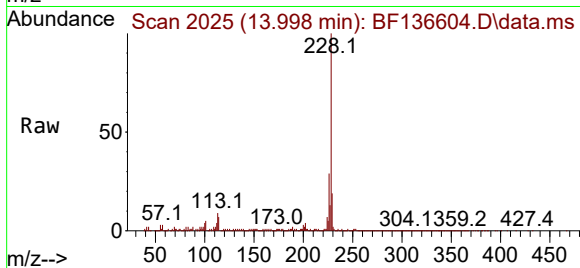
Tgt Ion:228 Resp: 285813

Ion Ratio Lower Upper

228 100

226 29.0 23.8 35.6

229 19.0 14.8 22.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 26.372 ng

RT: 13.951 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF136604.D

Acq: 15 Dec 2023 21:10

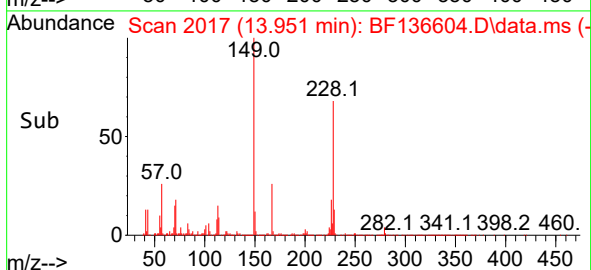
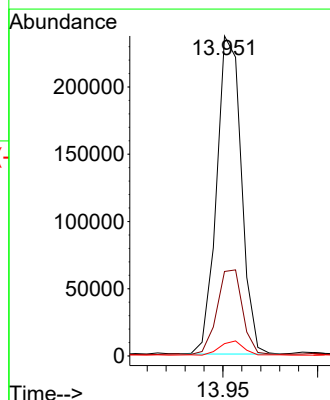
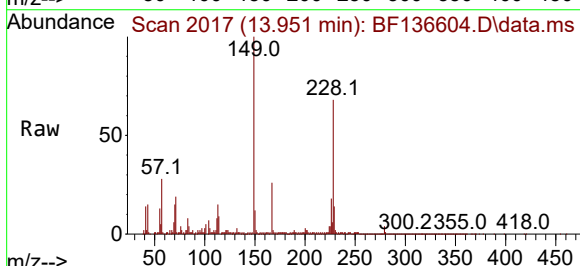
Tgt Ion:149 Resp: 214688

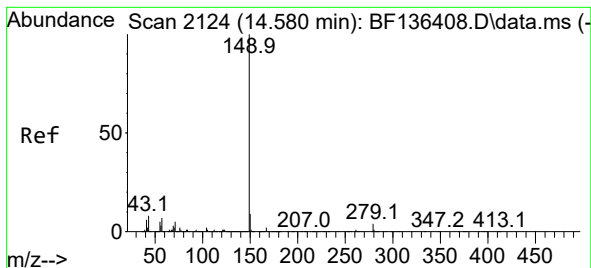
Ion Ratio Lower Upper

149 100

167 26.4 21.2 31.8

279 3.8 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 28.538 ng

RT: 14.568 min Scan# 2122

Delta R.T. -0.000 min

Lab File: BF136604.D

Acq: 15 Dec 2023 21:10

Instrument :

BNA_F

ClientSampleId :

600572408-MSD

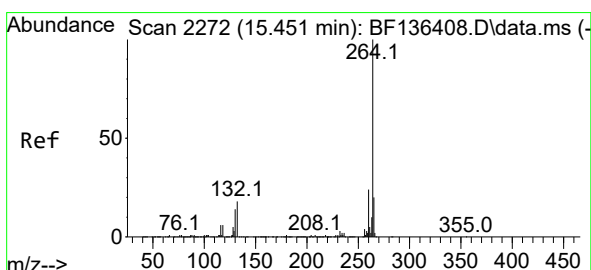
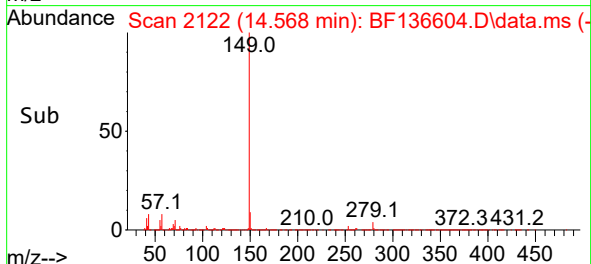
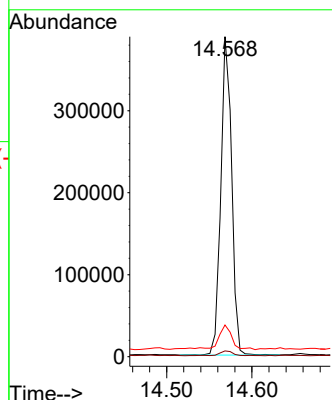
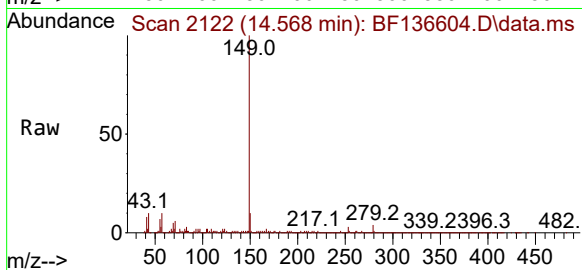
Tgt Ion:149 Resp: 343158

Ion Ratio Lower Upper

149 100

167 1.9 1.3 1.9#

43 10.1 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

Delta R.T. 0.012 min

Lab File: BF136604.D

Acq: 15 Dec 2023 21:10

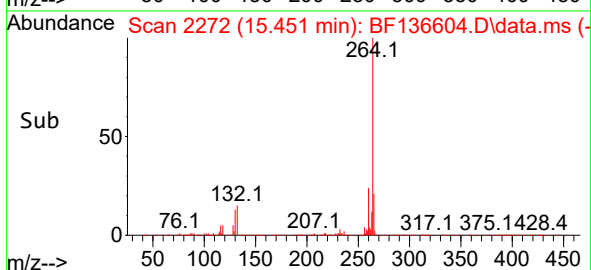
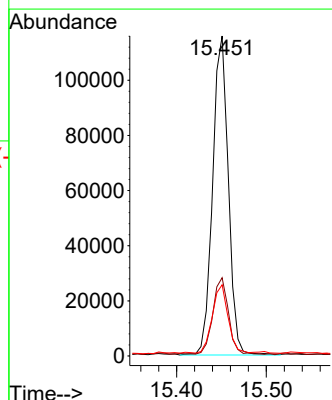
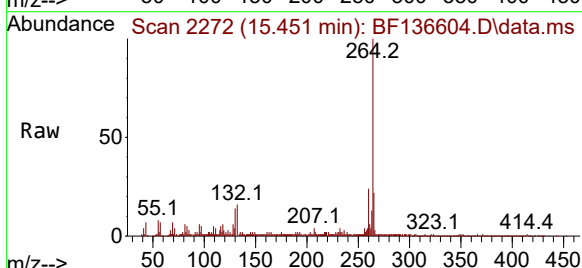
Tgt Ion:264 Resp: 140764

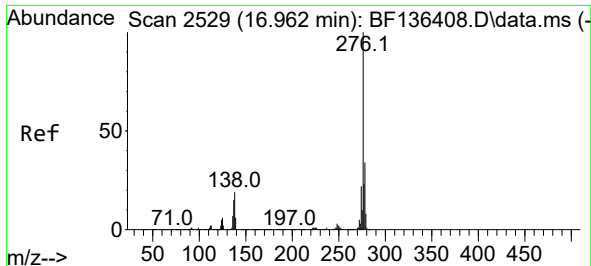
Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 22.3 15.9 23.9

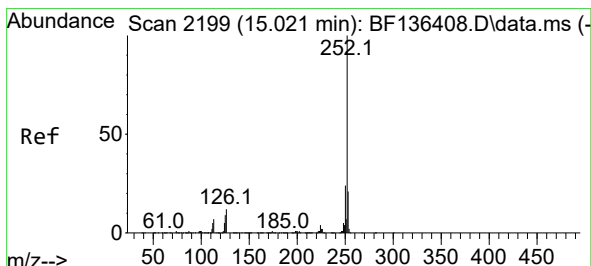
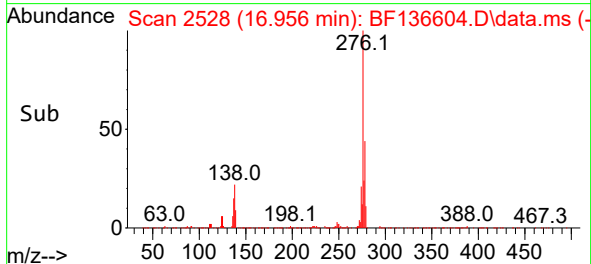
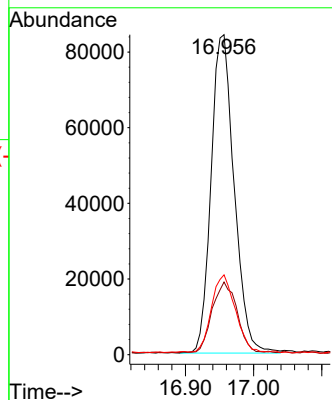
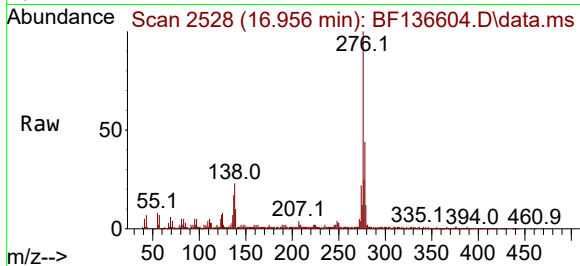




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 20.290 ng
 RT: 16.956 min Scan# 2198
 Delta R.T. 0.012 min
 Lab File: BF136604.D
 Acq: 15 Dec 2023 21:10

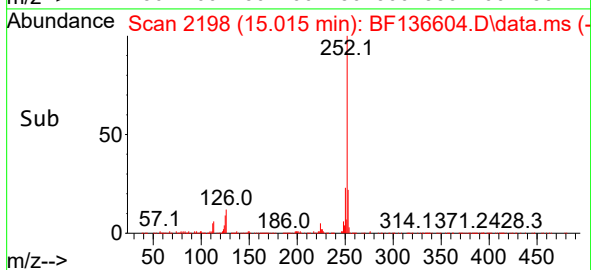
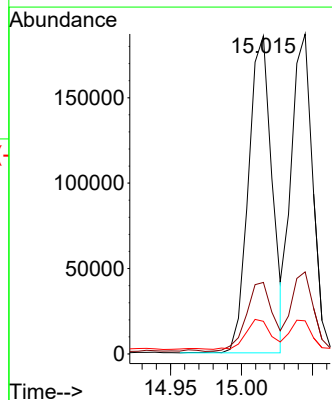
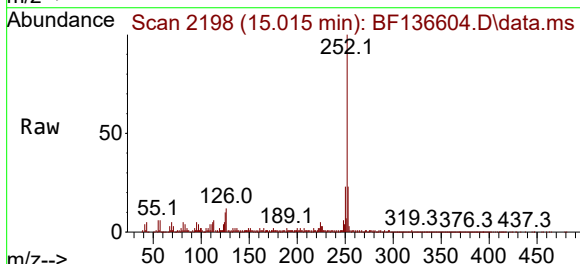
Instrument :
 BNA_F
 ClientSampleId :
 600572408-MSD

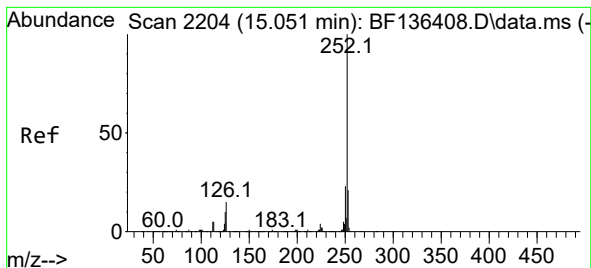
Tgt Ion:276 Resp: 198417
 Ion Ratio Lower Upper
 276 100
 138 23.8 19.0 28.4
 277 24.7 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 22.273 ng
 RT: 15.015 min Scan# 2198
 Delta R.T. 0.006 min
 Lab File: BF136604.D
 Acq: 15 Dec 2023 21:10

Tgt Ion:252 Resp: 214365
 Ion Ratio Lower Upper
 252 100
 253 22.5 16.9 25.3
 125 10.3 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 23.634 ng

RT: 15.015 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF136604.D

Acq: 15 Dec 2023 21:10

Instrument :

BNA_F

ClientSampleId :

600572408-MSD

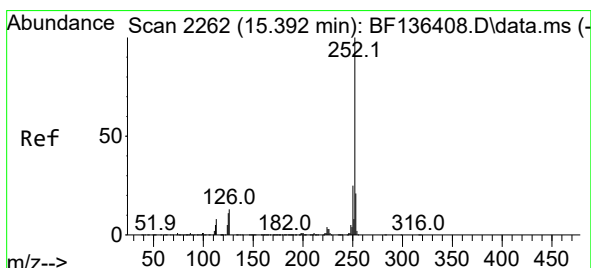
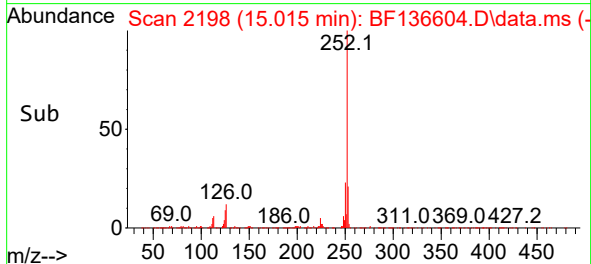
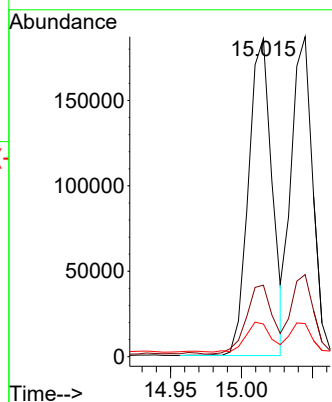
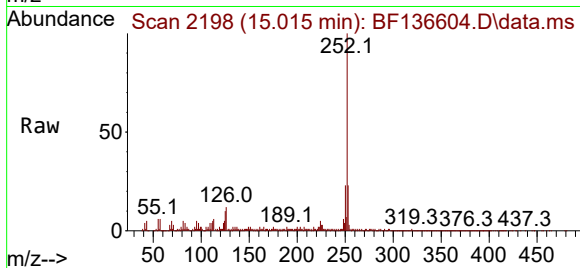
Tgt Ion:252 Resp: 214365

Ion Ratio Lower Upper

252 100

253 22.5 16.9 25.3

125 10.3 7.5 11.3



#90

Benzo(a)pyrene

Concen: 21.730 ng

RT: 15.386 min Scan# 2261

Delta R.T. 0.006 min

Lab File: BF136604.D

Acq: 15 Dec 2023 21:10

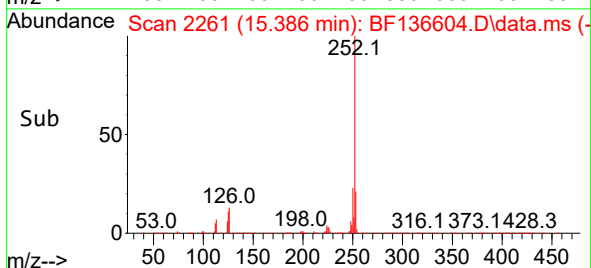
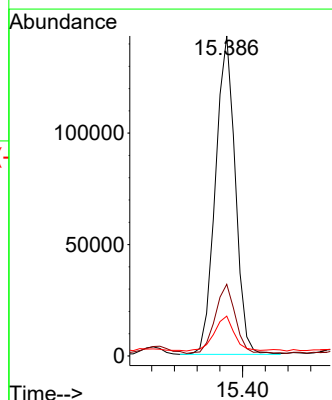
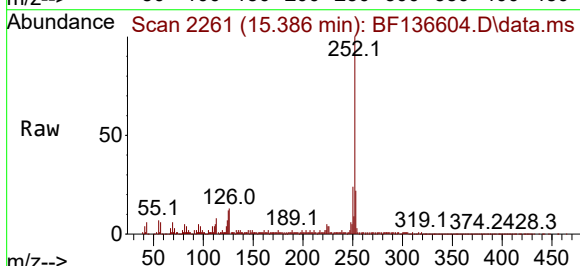
Tgt Ion:252 Resp: 172718

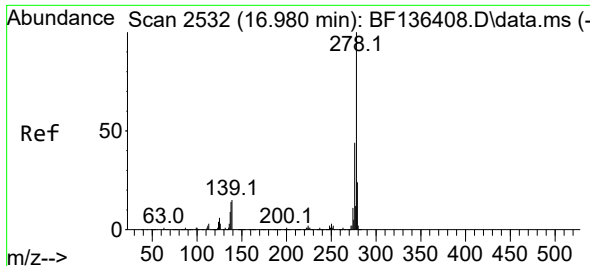
Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.4

125 12.4 8.6 13.0

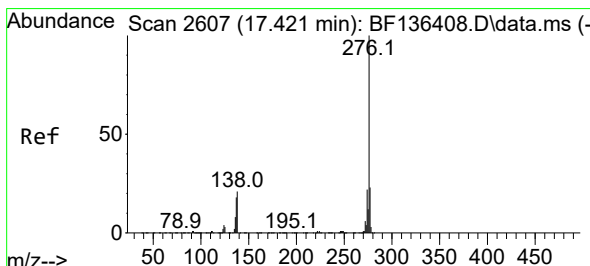
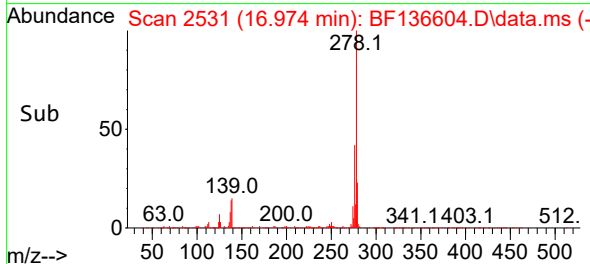
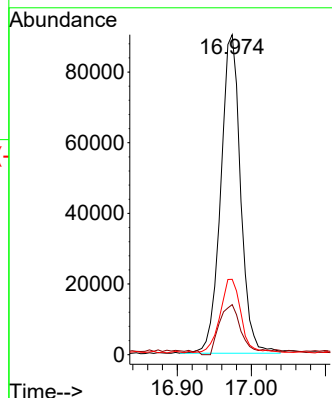
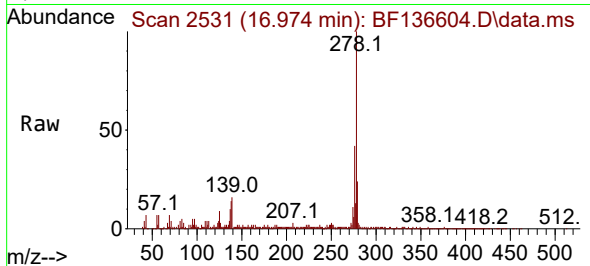




#91
Dibenzo(a,h)anthracene
Concen: 20.921 ng
RT: 16.974 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

Instrument :
BNA_F
ClientSampleId :
600572408-MSD

Tgt Ion:278 Resp: 167607
Ion Ratio Lower Upper
278 100
139 15.7 12.2 18.4
279 23.6 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 19.306 ng
RT: 17.409 min Scan# 2605
Delta R.T. 0.006 min
Lab File: BF136604.D
Acq: 15 Dec 2023 21:10

Tgt Ion:276 Resp: 158754
Ion Ratio Lower Upper
276 100
277 24.5 18.7 28.1
138 19.5 16.6 25.0

