

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
 Data File : BF136526.D
 Acq On : 12 Dec 2023 20:31
 Operator : CG\JU
 Sample : 05726-05MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2MSD

Quant Time: Dec 12 23:20:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	91881	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	343289	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	157512	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	260749	20.000	ng	0.00
76) Chrysene-d12	13.980	240	217430	20.000	ng	0.00
86) Perylene-d12	15.456	264	227507	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	544687	87.549	ng	0.01
7) Phenol-d6	6.445	99	644333	83.008	ng	0.00
23) Nitrobenzene-d5	7.357	82	390959	61.567	ng	-0.01
42) 2,4,6-Tribromophenol	10.621	330	157876	81.290	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	736283	63.783	ng	-0.01
79) Terphenyl-d14	12.915	244	702012	42.555	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	102430	41.625	ng	98
3) Pyridine	3.381	79	239688	40.221	ng	94
4) n-Nitrosodimethylamine	3.351	42	110495	42.677	ng	100
6) Aniline	6.463	93	188645	24.047	ng	# 87
8) 2-Chlorophenol	6.586	128	281075	41.383	ng	98
9) Benzaldehyde	6.351	77	95925	21.843	ng	96
10) Phenol	6.457	94	327196	39.613	ng	96
11) bis(2-Chloroethyl)ether	6.539	93	246889	40.101	ng	95
12) 1,3-Dichlorobenzene	6.739	146	304539	39.870	ng	99
13) 1,4-Dichlorobenzene	6.816	146	311107	40.151	ng	99
14) 1,2-Dichlorobenzene	6.963	146	291203	39.966	ng	100
15) Benzyl Alcohol	6.939	79	215368	41.434	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	292561	36.947	ng	96
17) 2-Methylphenol	7.057	107	215896	39.345	ng	97
18) Hexachloroethane	7.304	117	100990	37.331	ng	99
19) n-Nitroso-di-n-propyla...	7.210	70	167184	37.337	ng	99
20) 3+4-Methylphenols	7.210	107	260003	38.174	ng	89
22) Acetophenone	7.204	105	374234	44.146	ng	# 98
24) Nitrobenzene	7.380	77	259978	40.698	ng	94
25) Isophorone	7.616	82	458745	40.210	ng	99
26) 2-Nitrophenol	7.692	139	137013	43.628	ng	96
27) 2,4-Dimethylphenol	7.733	122	200705	51.830	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	292565	41.733	ng	97
29) 2,4-Dichlorophenol	7.933	162	214322	41.931	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	243684	40.886	ng	96
31) Naphthalene	8.098	128	774911	40.933	ng	99
32) Benzoic acid	7.851	122	136636	35.569	ng	97
33) 4-Chloroaniline	8.145	127	72060	10.677	ng	98
34) Hexachlorobutadiene	8.210	225	140379	39.742	ng	98
35) Caprolactam	8.516	113	49882	31.690	ng	98
36) 4-Chloro-3-methylphenol	8.639	107	216571	39.905	ng	98
37) 2-Methylnaphthalene	8.786	142	472861	39.262	ng	94
38) 1-Methylnaphthalene	8.886	142	454507	38.458	ng	96
40) 1,2,4,5-Tetrachloroben...	8.951	216	234686	47.891	ng	98
41) Hexachlorocyclopentadiene	8.939	237	87756	48.338	ng	97
43) 2,4,6-Trichlorophenol	9.069	196	141137	44.233	ng	99

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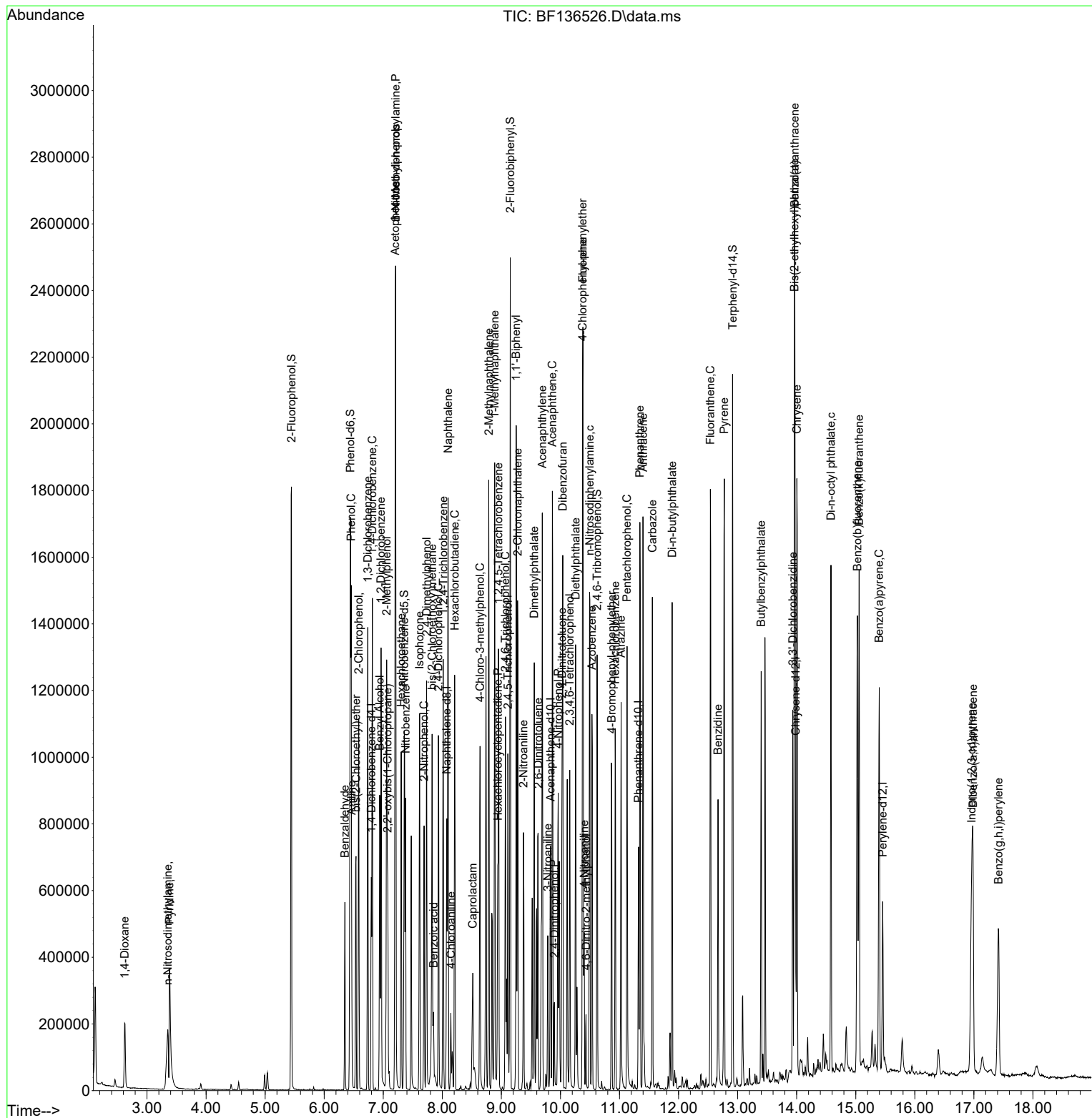
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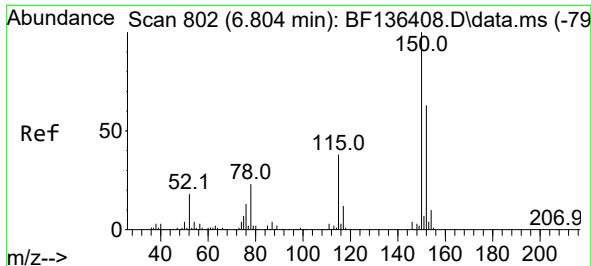
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	152736	42.888	ng	97
46) 1,1'-Biphenyl	9.251	154	606545	45.256	ng	98
47) 2-Chloronaphthalene	9.274	162	445150	42.673	ng	96
48) 2-Nitroaniline	9.374	65	121385	43.386	ng	94
49) Acenaphthylene	9.692	152	690781	46.486	ng	98
50) Dimethylphthalate	9.557	163	501307	43.229	ng	98
51) 2,6-Dinitrotoluene	9.622	165	108646	41.644	ng	89
52) Acenaphthene	9.863	154	400323	42.040	ng	97
53) 3-Nitroaniline	9.786	138	67714	25.417	ng	96
54) 2,4-Dinitrophenol	9.898	184	37541	28.460	ng	98
55) Dibenzofuran	10.039	168	587583	42.238	ng	99
56) 4-Nitrophenol	9.963	139	162122	81.176	ng	94
57) 2,4-Dinitrotoluene	10.027	165	139127	40.312	ng	93
58) Fluorene	10.380	166	453074	40.573	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	112807	39.545	ng	99
60) Diethylphthalate	10.257	149	462860	40.590	ng	99
61) 4-Chlorophenyl-phenyle...	10.374	204	221498	40.688	ng	98
62) 4-Nitroaniline	10.404	138	89911	33.988	ng	97
63) Azobenzene	10.533	77	397684	38.315	ng	96
65) 4,6-Dinitro-2-methylph...	10.433	198	31284	19.373	ng	85
66) n-Nitrosodiphenylamine	10.498	169	392405	46.900	ng	98
67) 4-Bromophenyl-phenylether	10.868	248	134344	44.314	ng	99
68) Hexachlorobenzene	10.927	284	149353	42.625	ng	99
69) Atrazine	11.027	200	127089	53.219	ng	98
70) Pentachlorophenol	11.127	266	153717	77.732	ng	98
71) Phenanthrene	11.345	178	668440	46.640	ng	99
72) Anthracene	11.398	178	636334	44.082	ng	98
73) Carbazole	11.557	167	556507	43.557	ng	99
74) Di-n-butylphthalate	11.892	149	662380	42.290	ng	100
75) Fluoranthene	12.539	202	745332	49.626	ng	97
77) Benzidine	12.668	184	323609	53.222	ng	98
78) Pyrene	12.774	202	767857	36.059	ng	98
80) Butylbenzylphthalate	13.398	149	271170	35.773	ng	98
81) Benzo(a)anthracene	13.968	228	721721	47.653	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	223822	52.708	ng	99
83) Chrysene	14.004	228	688077	46.177	ng	99
84) Bis(2-ethylhexyl)phtha...	13.962	149	372366	40.070	ng	98
85) Di-n-octyl phthalate	14.580	149	704496	51.324	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	521157	32.973	ng	98
88) Benzo(b)fluoranthene	15.027	252	720930	46.346	ng	99
89) Benzo(k)fluoranthene	15.056	252	647291	44.155	ng	99
90) Benzo(a)pyrene	15.398	252	592535	46.125	ng	100
91) Dibenzo(a,h)anthracene	16.986	278	423385	32.698	ng	98
92) Benzo(g,h,i)perylene	17.415	276	387224	29.136	ng	100

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

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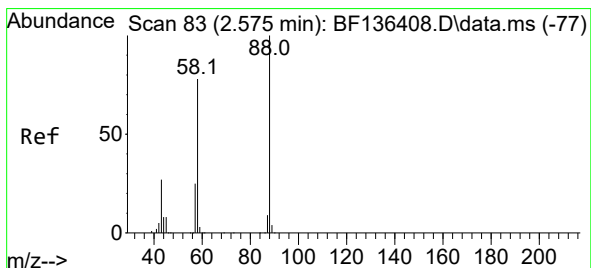
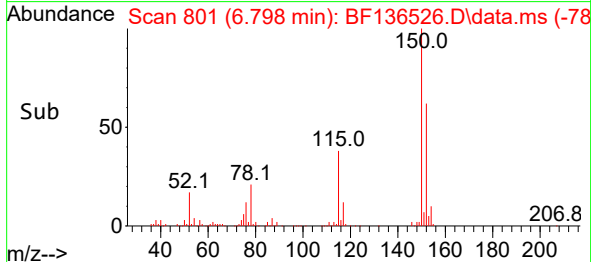
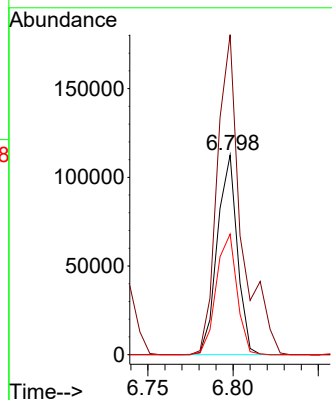
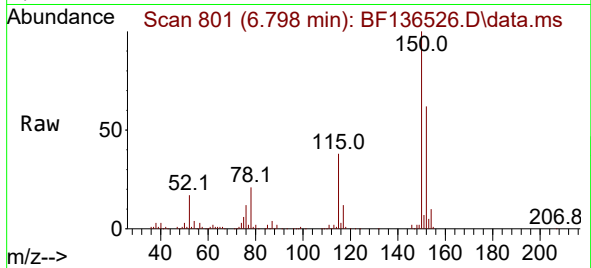




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF136526.D
 Acq: 12 Dec 2023 20:31

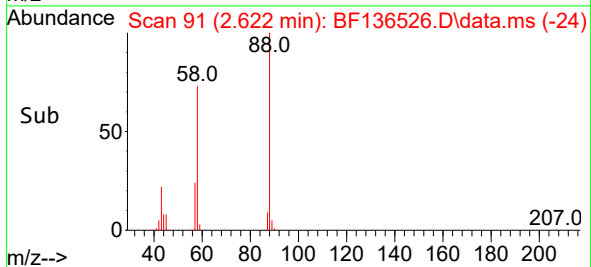
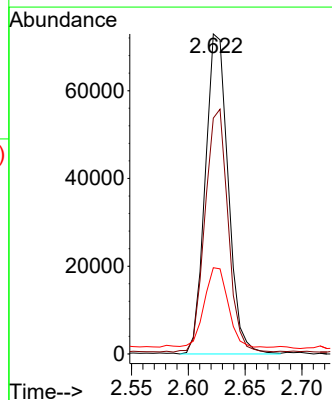
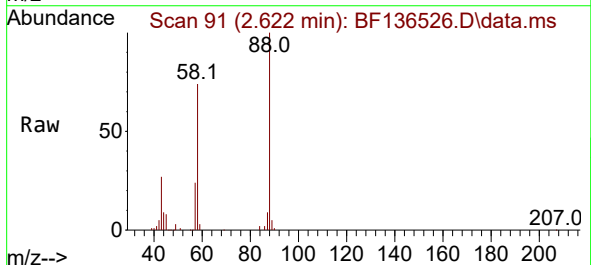
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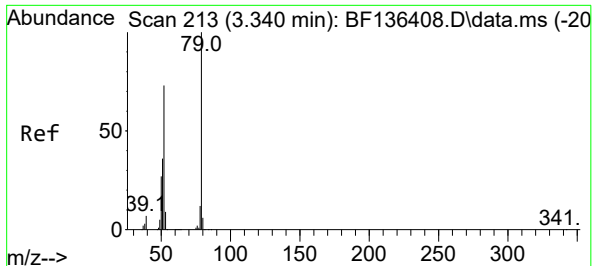
Tgt Ion:152 Resp: 91881
 Ion Ratio Lower Upper
 152 100
 150 160.3 126.4 189.6
 115 60.5 48.2 72.4



#2
 1,4-Dioxane
 Concen: 41.625 ng
 RT: 2.622 min Scan# 91
 Delta R.T. 0.047 min
 Lab File: BF136526.D
 Acq: 12 Dec 2023 20:31

Tgt Ion: 88 Resp: 102430
 Ion Ratio Lower Upper
 88 100
 58 75.6 62.2 93.2
 43 25.9 21.5 32.3

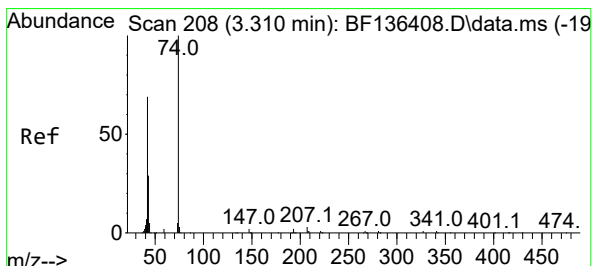
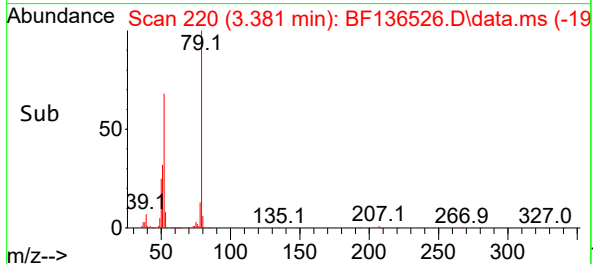
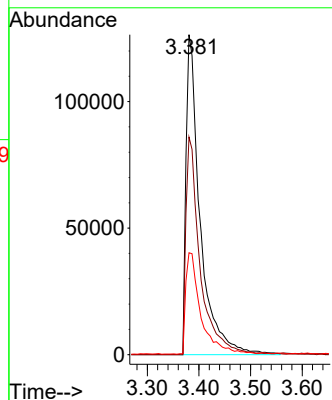
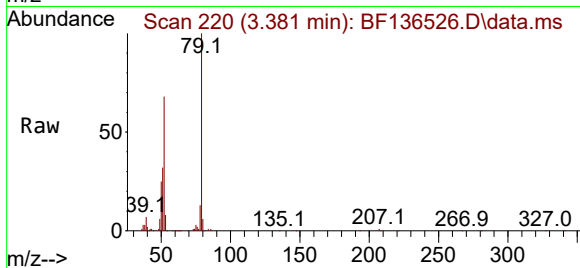




#3
Pyridine
Concen: 40.221 ng
RT: 3.381 min Scan# 213
Delta R.T. 0.041 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

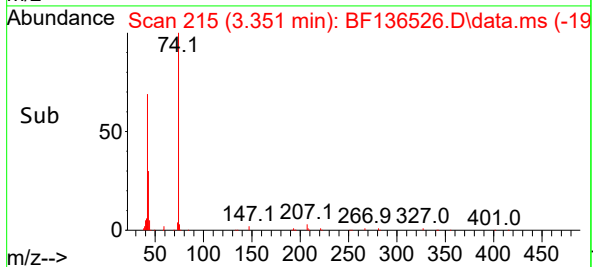
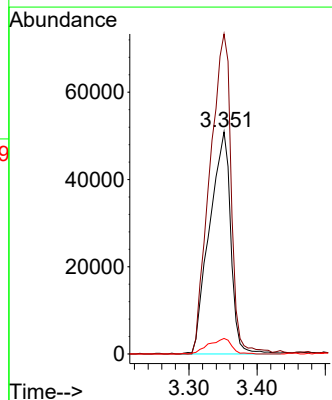
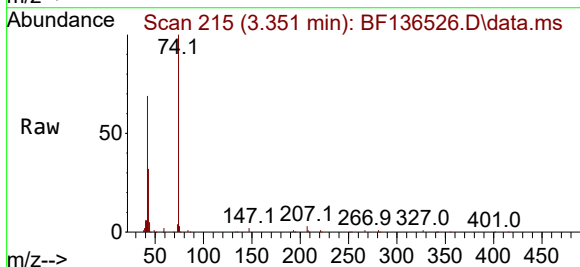
Instrument :
BNA_F
ClientSampleId :
WC-2MSD

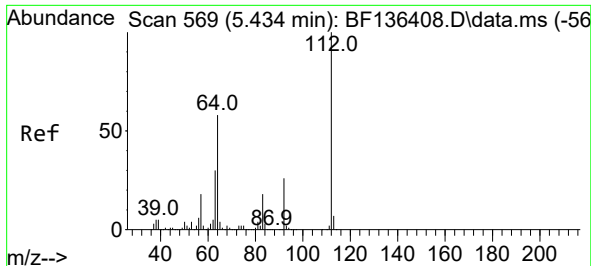
Tgt Ion: 79 Resp: 239688
Ion Ratio Lower Upper
79 100
52 68.0 58.2 87.2
51 31.9 29.1 43.7



#4
n-Nitrosodimethylamine
Concen: 42.677 ng
RT: 3.351 min Scan# 215
Delta R.T. 0.041 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Tgt Ion: 42 Resp: 110495
Ion Ratio Lower Upper
42 100
74 144.1 115.4 173.0
44 7.0 6.2 9.2

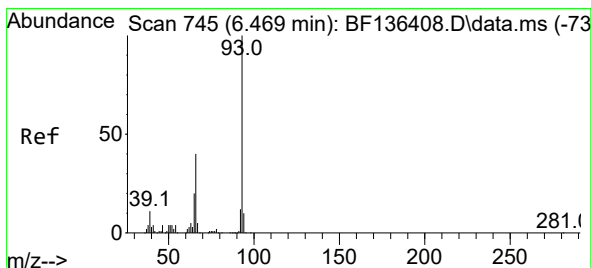
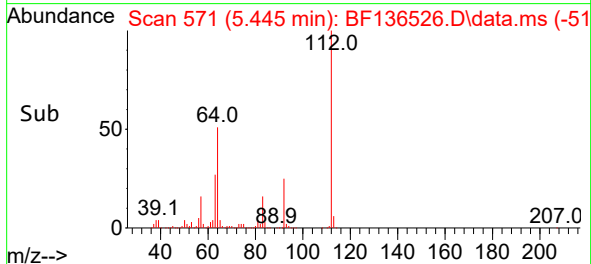
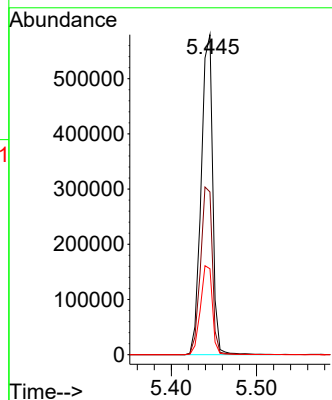
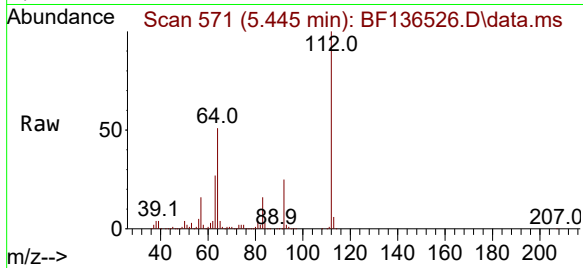




#5
2-Fluorophenol
Concen: 87.549 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

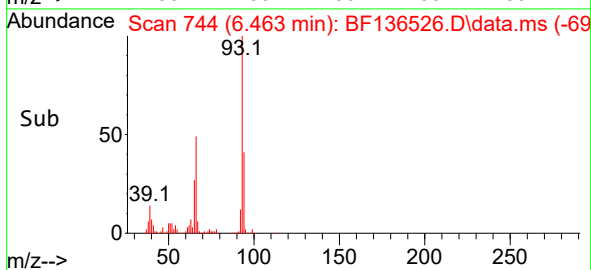
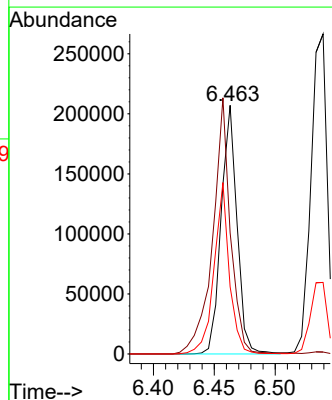
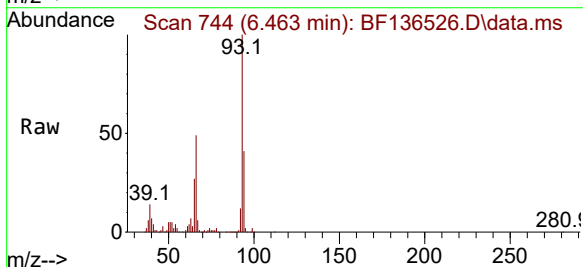
Instrument :
BNA_F
ClientSampleId :
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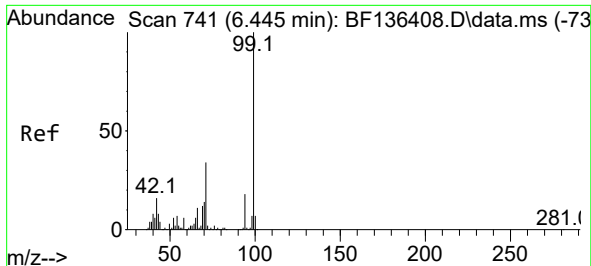
Tgt Ion:112 Resp: 544687
Ion Ratio Lower Upper
112 100
64 50.9 46.5 69.7
63 26.8 23.9 35.9



#6
Aniline
Concen: 24.047 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Tgt Ion: 93 Resp: 188645
Ion Ratio Lower Upper
93 100
66 48.8 32.5 48.7#
65 27.0 16.4 24.6#

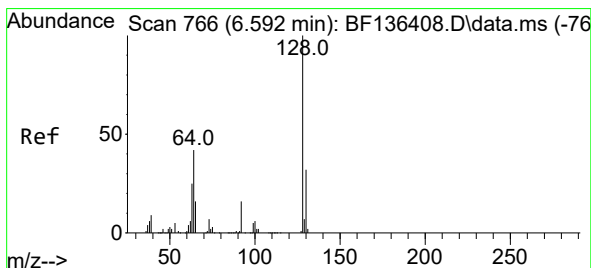
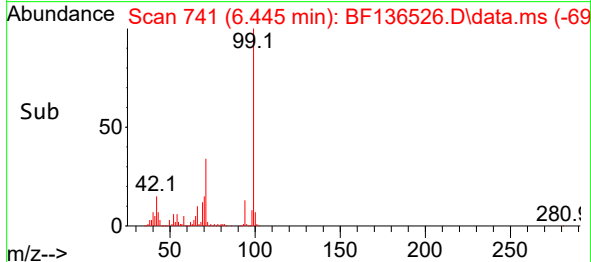
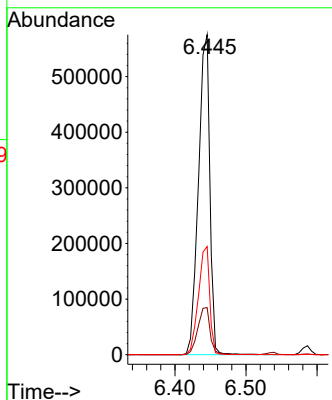
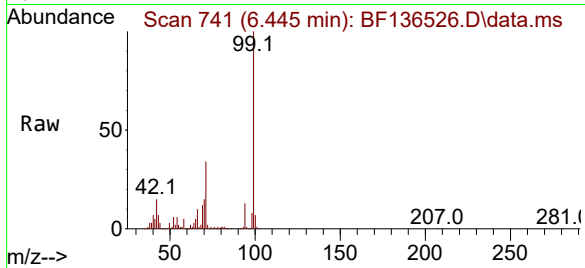




#7
Phenol-d6
Concen: 83.008 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

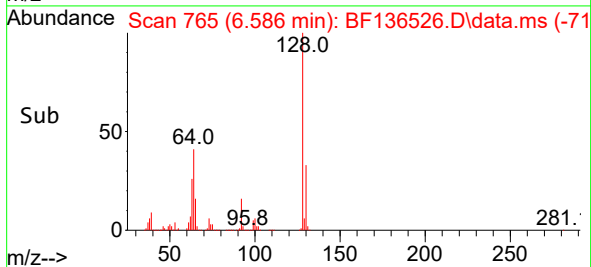
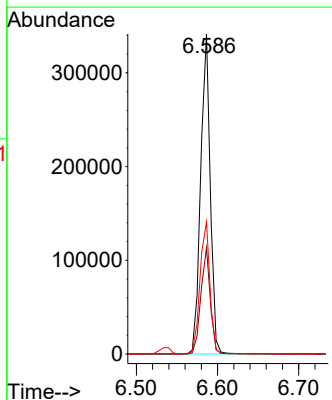
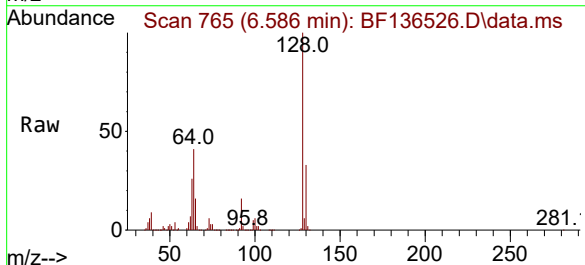
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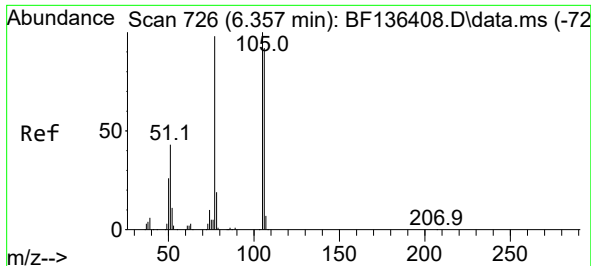
Tgt Ion: 99 Resp: 644333
Ion Ratio Lower Upper
99 100
42 14.7 12.8 19.2
71 33.8 27.0 40.4



#8
2-Chlorophenol
Concen: 41.383 ng
RT: 6.586 min Scan# 765
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Tgt Ion: 128 Resp: 281075
Ion Ratio Lower Upper
128 100
130 33.2 11.7 51.7
64 41.3 22.5 62.5





#9

Benzaldehyde

Concen: 21.843 ng

RT: 6.351 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

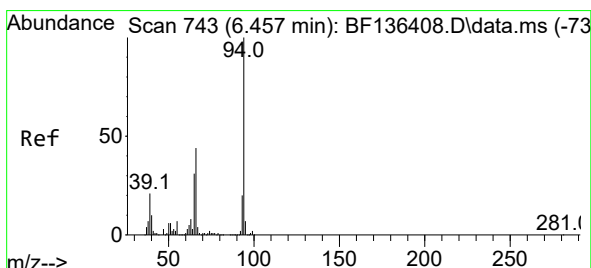
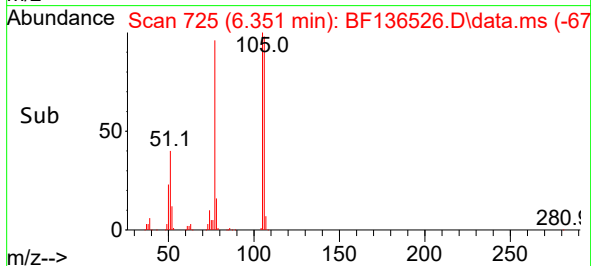
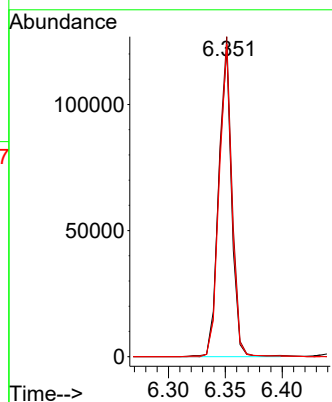
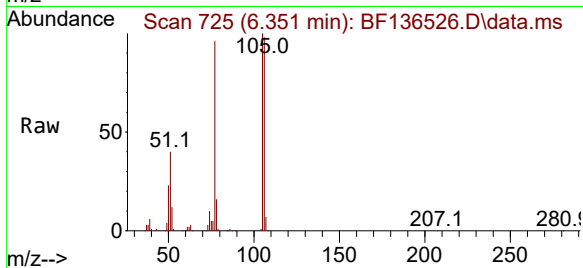
Tgt Ion: 77 Resp: 95925

Ion Ratio Lower Upper

77 100

105 103.8 82.5 122.5

106 101.5 74.5 114.5



#10

Phenol

Concen: 39.613 ng

RT: 6.457 min Scan# 743

Delta R.T. -0.000 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

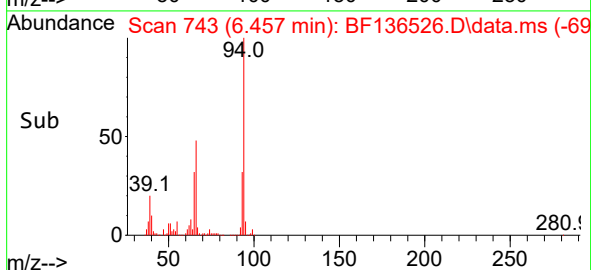
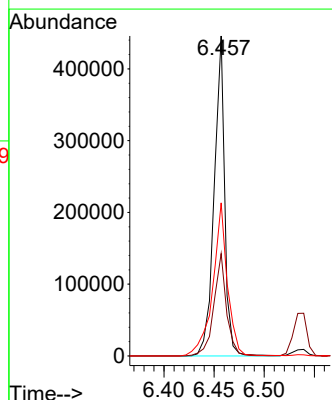
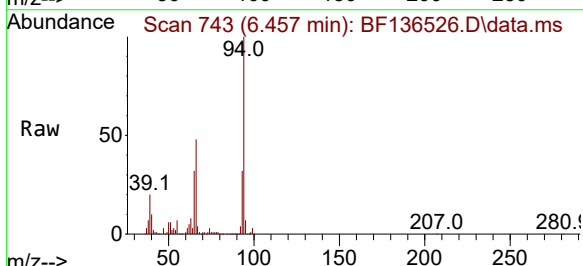
Tgt Ion: 94 Resp: 327196

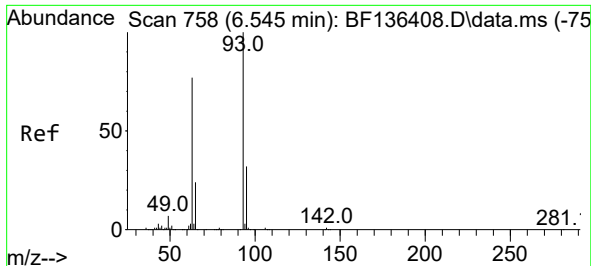
Ion Ratio Lower Upper

94 100

65 32.0 11.2 51.2

66 47.9 24.2 64.2





#11

bis(2-Chloroethyl)ether

Concen: 40.101 ng

RT: 6.539 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

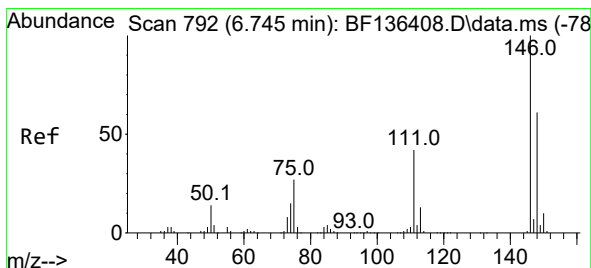
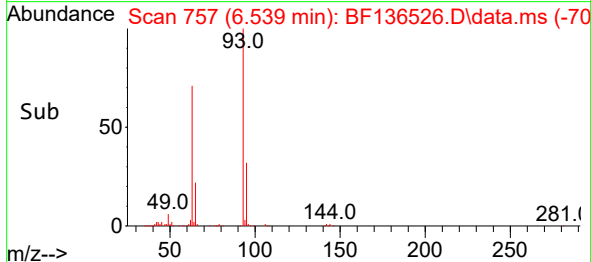
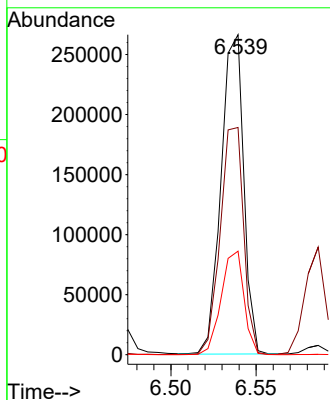
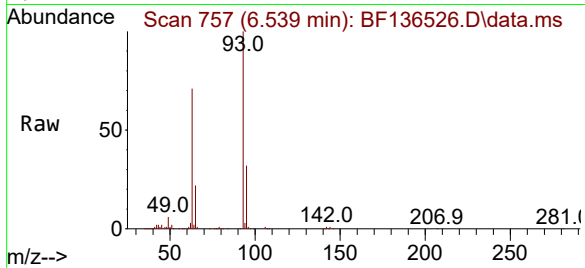
Tgt Ion: 93 Resp: 246889

Ion Ratio Lower Upper

93 100

63 71.0 56.8 96.8

95 32.4 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 39.870 ng

RT: 6.739 min Scan# 791

Delta R.T. -0.006 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

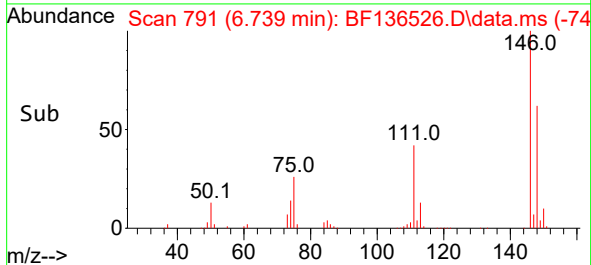
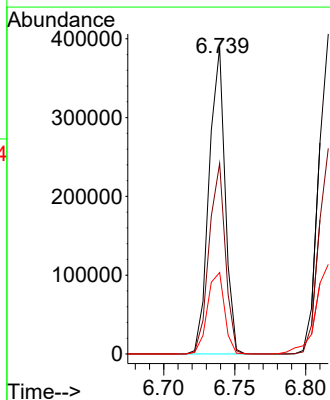
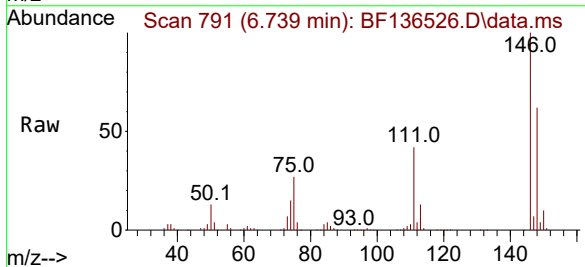
Tgt Ion:146 Resp: 304539

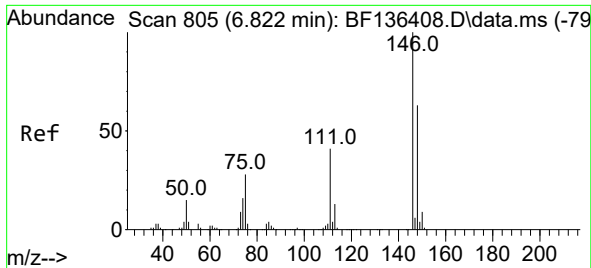
Ion Ratio Lower Upper

146 100

148 62.1 49.0 73.6

75 26.6 21.8 32.6





#13

1,4-Dichlorobenzene

Concen: 40.151 ng

RT: 6.816 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

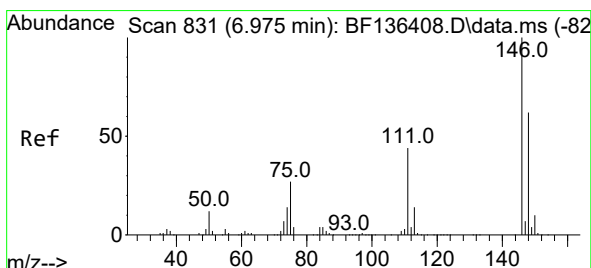
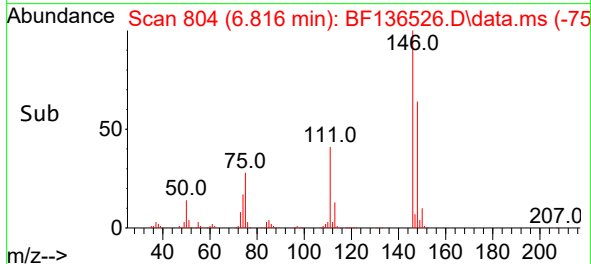
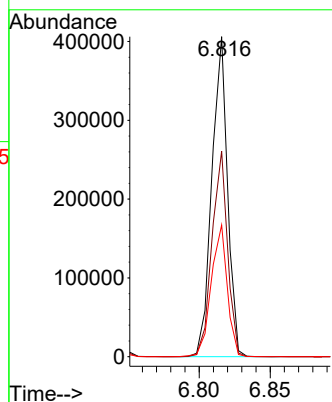
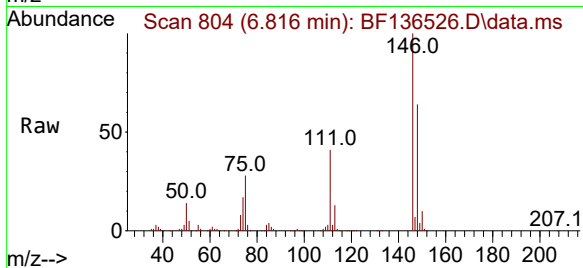
Tgt Ion:146 Resp: 311107

Ion Ratio Lower Upper

146 100

148 64.2 50.3 75.5

111 41.2 32.6 49.0



#14

1,2-Dichlorobenzene

Concen: 39.966 ng

RT: 6.963 min Scan# 829

Delta R.T. -0.012 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

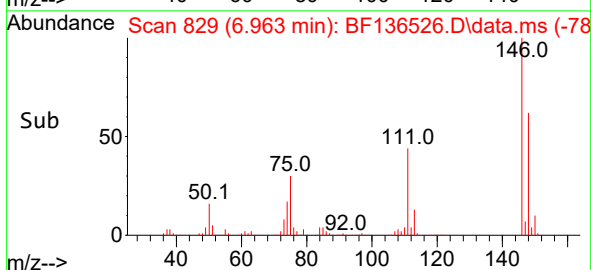
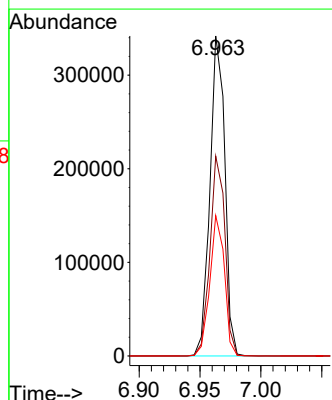
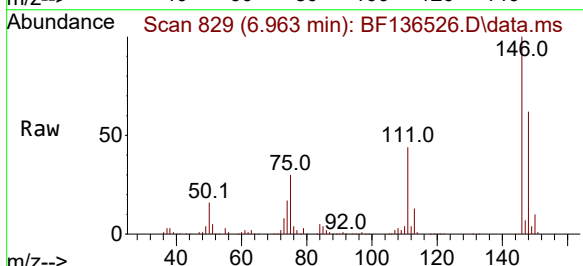
Tgt Ion:146 Resp: 291203

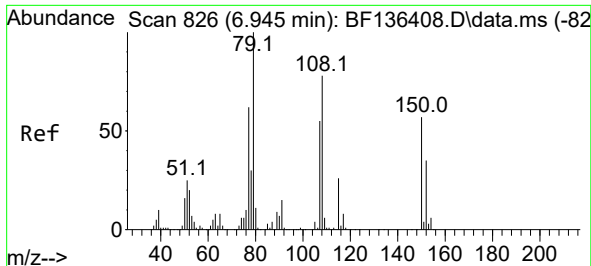
Ion Ratio Lower Upper

146 100

148 62.4 49.8 74.6

111 43.9 34.9 52.3

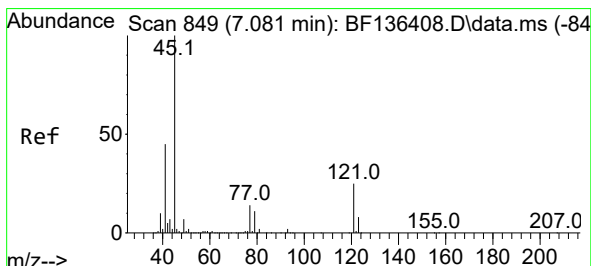
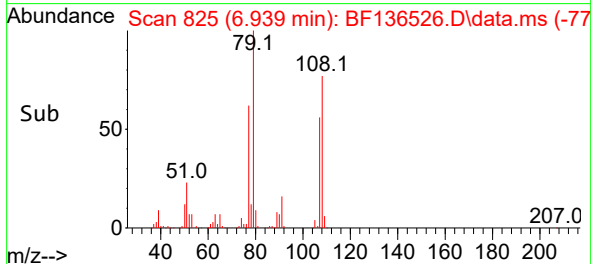
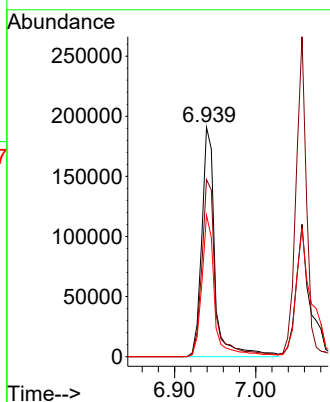
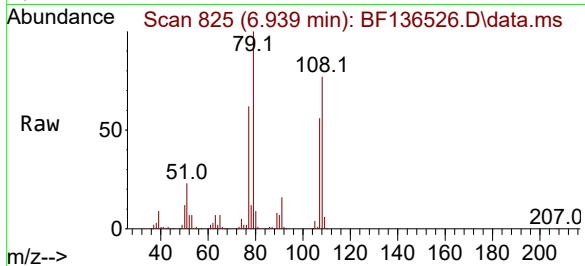




#15
Benzyl Alcohol
Concen: 41.434 ng
RT: 6.939 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

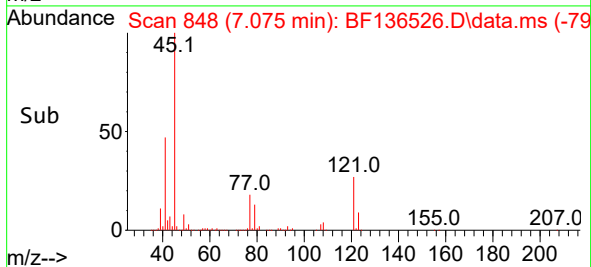
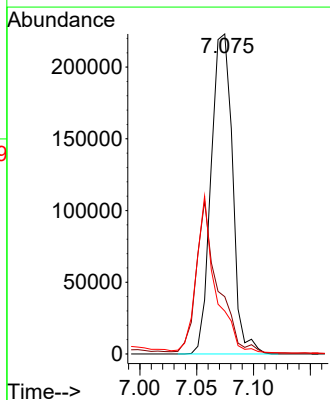
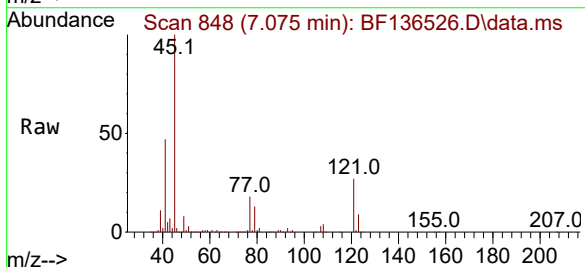
Instrument :
BNA_F
ClientSampleId :
WC-2MSD

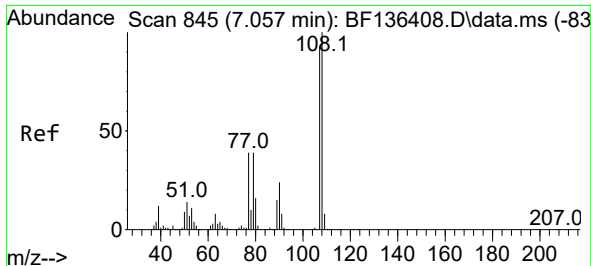
Tgt Ion: 79 Resp: 215368
Ion Ratio Lower Upper
79 100
108 77.2 62.3 93.5
77 61.7 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.947 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Tgt Ion: 45 Resp: 292561
Ion Ratio Lower Upper
45 100
77 17.9 0.0 35.3
79 13.4 0.0 32.5

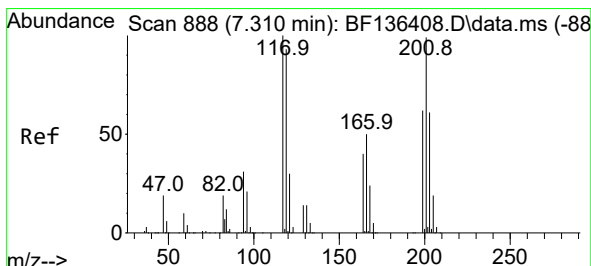
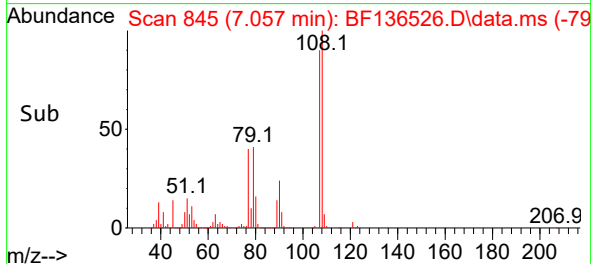
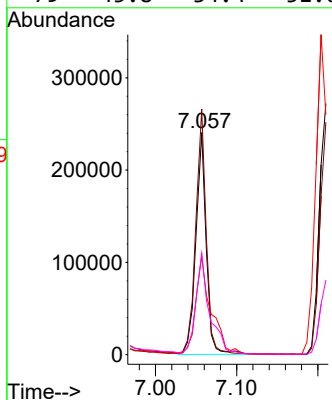
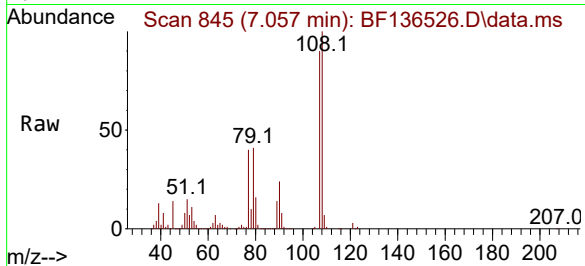




#17
2-Methylphenol
Concen: 39.345 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.000 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

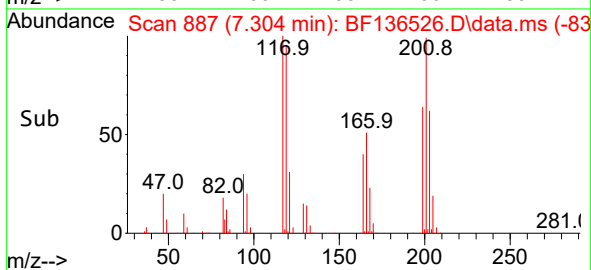
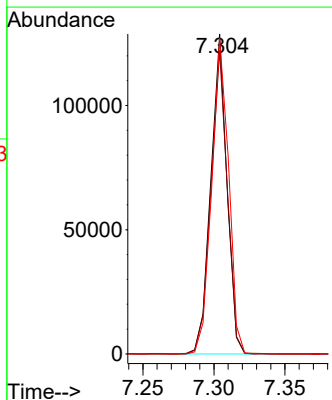
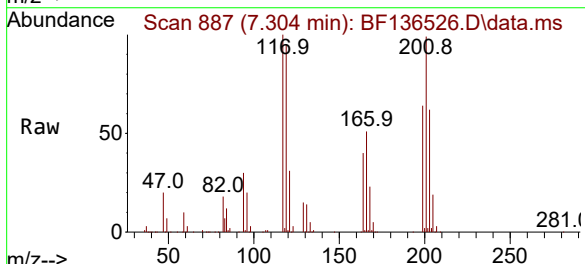
Instrument :
BNA_F
ClientSampleId :
WC-2MSD

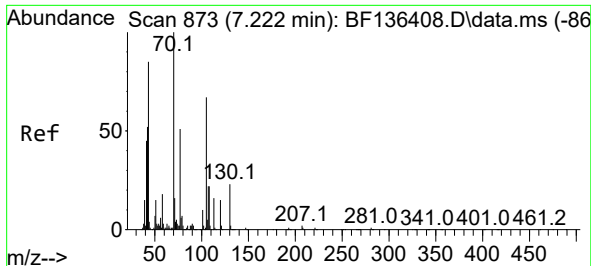
Tgt Ion:	107	Resp:	215896
Ion	Ratio	Lower	Upper
107	100		
108	110.7	86.5	129.7
77	44.3	33.8	50.8
79	45.8	34.4	51.6



#18
Hexachloroethane
Concen: 37.331 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Tgt Ion:	117	Resp:	100990
Ion	Ratio	Lower	Upper
117	100		
119	94.8	74.3	111.5
201	98.7	79.3	118.9





#19

n-Nitroso-di-n-propylamine

Concen: 37.337 ng

RT: 7.210 min Scan# 871

Delta R.T. -0.012 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

Tgt Ion: 70 Resp: 167184

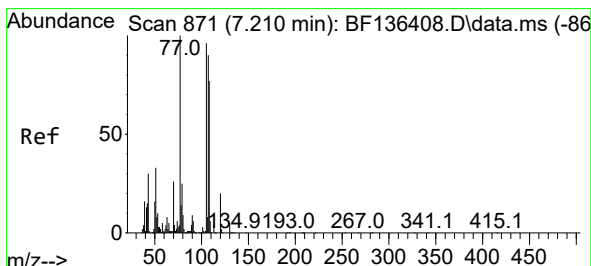
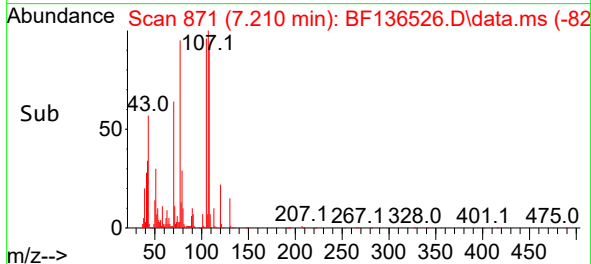
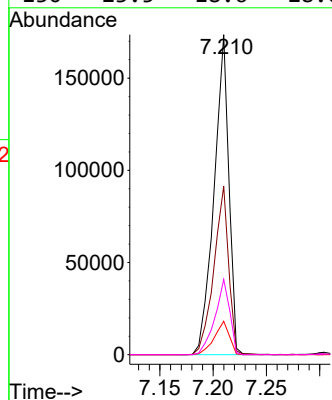
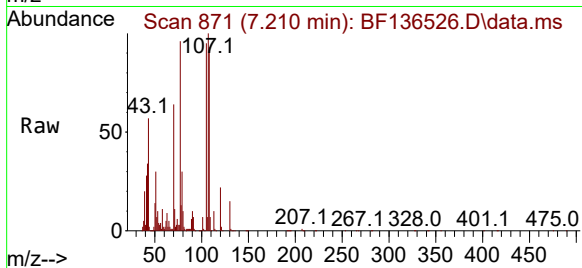
Ion Ratio Lower Upper

70 100

42 52.7 41.4 62.0

101 10.4 8.2 12.4

130 23.5 18.6 28.0



#20

3+4-Methylphenols

Concen: 38.174 ng

RT: 7.210 min Scan# 871

Delta R.T. -0.000 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

Tgt Ion: 107 Resp: 260003

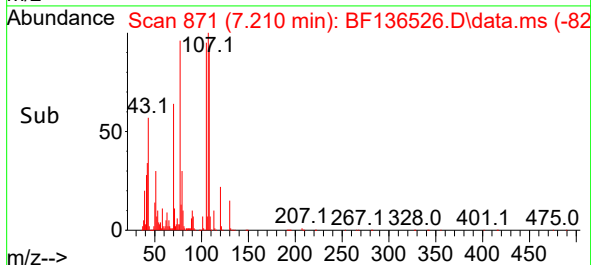
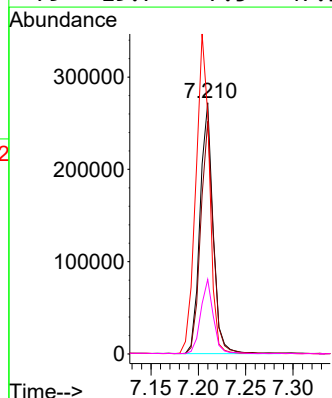
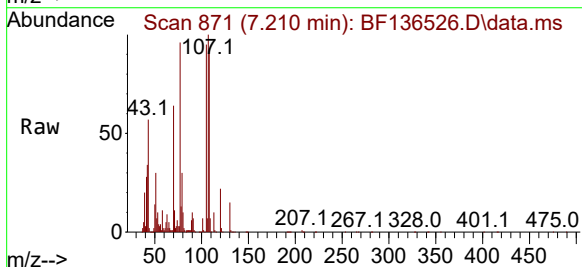
Ion Ratio Lower Upper

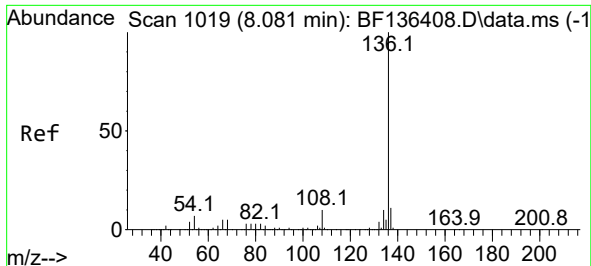
107 100

108 92.5 65.9 105.9

77 95.5 91.7 131.7

79 29.7 7.5 47.5

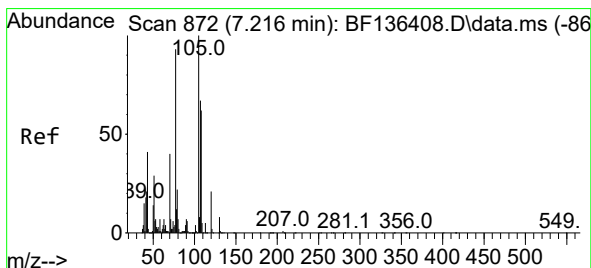
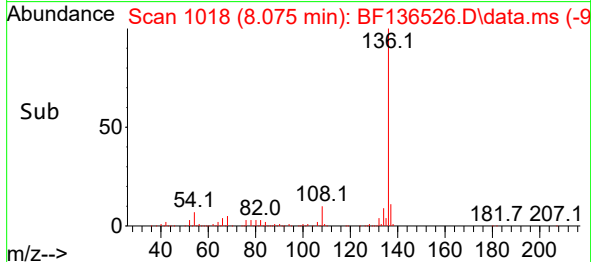
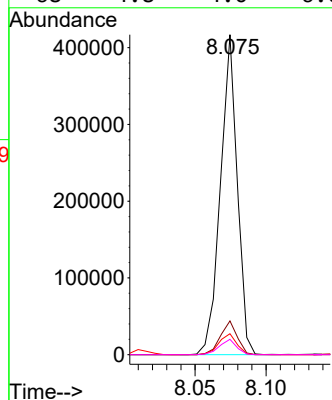
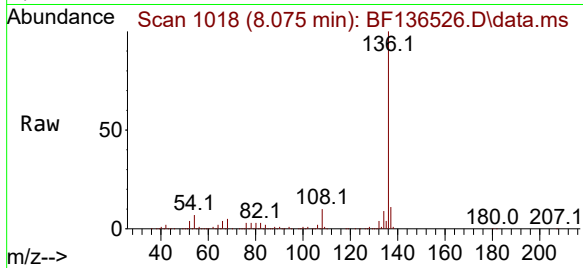




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

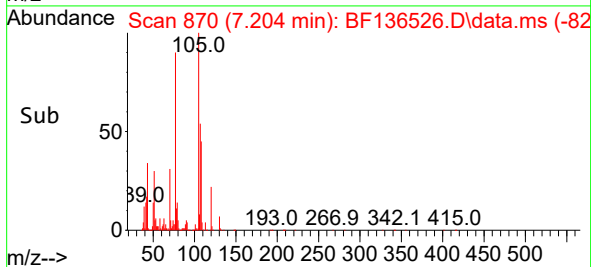
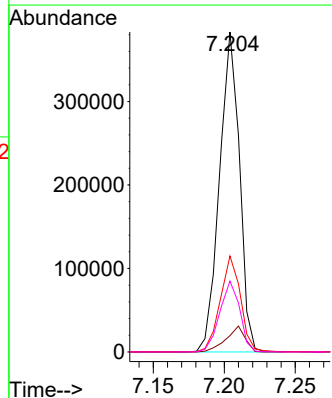
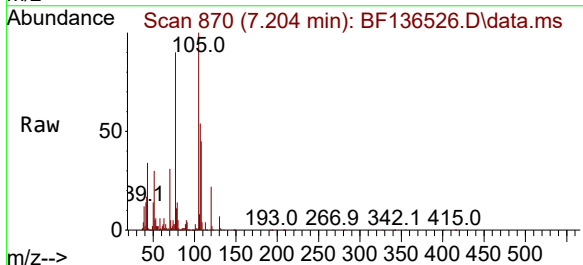
Instrument :
BNA_F
ClientSampleId :
WC-2MSD

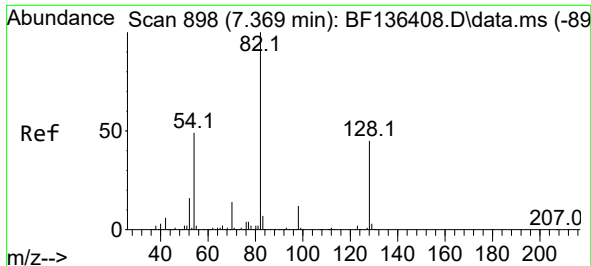
Tgt Ion:136 Resp: 343289
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 6.6 5.7 8.5
68 4.8 4.0 6.0



#22
Acetophenone
Concen: 44.146 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Tgt Ion:105 Resp: 374234
Ion Ratio Lower Upper
105 100
71 5.1 5.4 8.0#
51 30.0 23.4 35.2
120 22.1 16.6 24.8





#23

Nitrobenzene-d5

Concen: 61.567 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

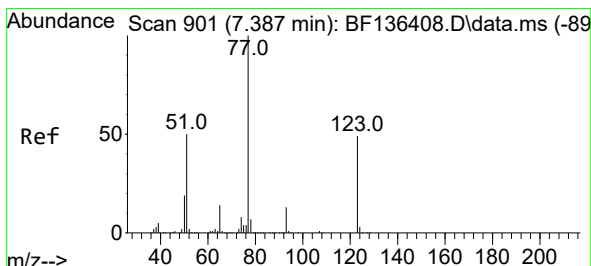
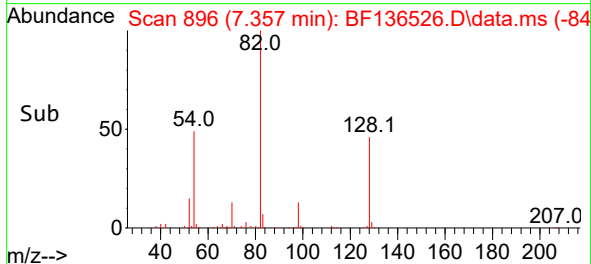
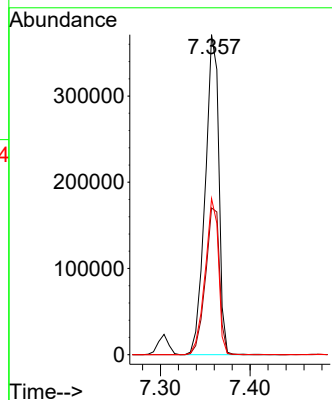
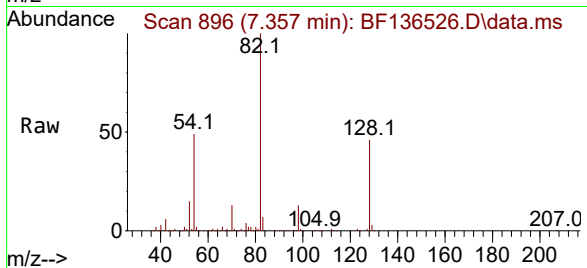
Tgt Ion: 82 Resp: 390959

Ion Ratio Lower Upper

82 100

128 45.9 36.3 54.5

54 48.8 39.0 58.6



#24

Nitrobenzene

Concen: 40.698 ng

RT: 7.380 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

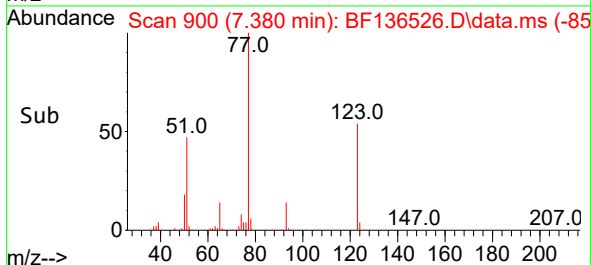
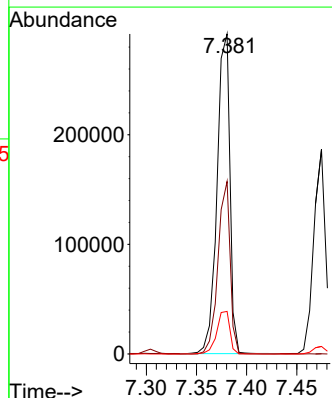
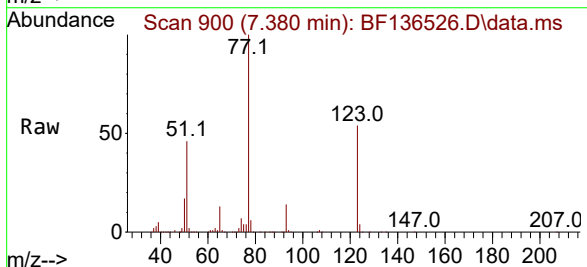
Tgt Ion: 77 Resp: 259978

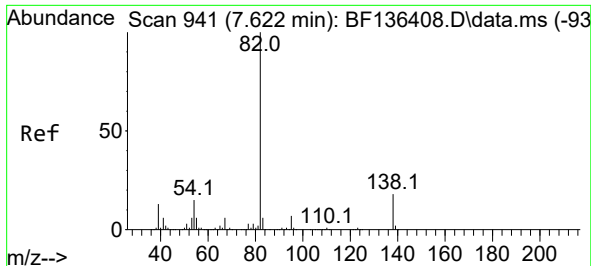
Ion Ratio Lower Upper

77 100

123 53.9 39.0 58.6

65 13.3 11.3 16.9

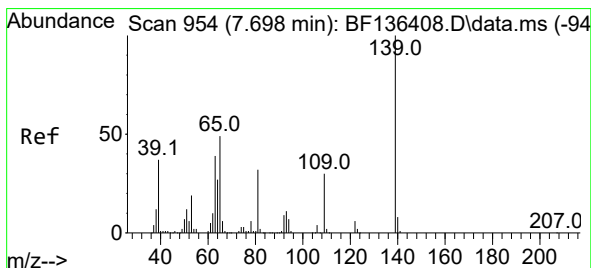
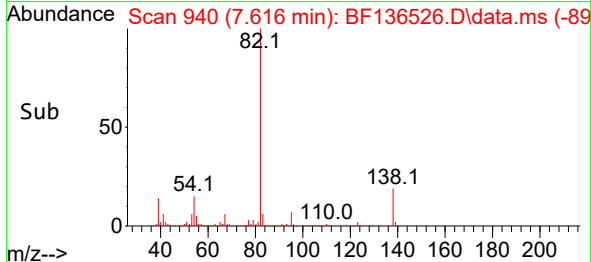
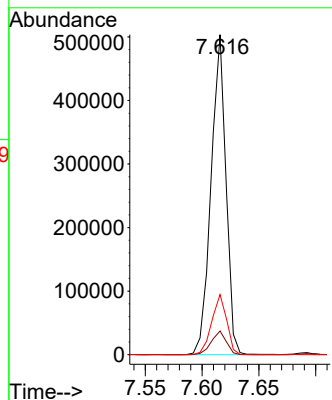
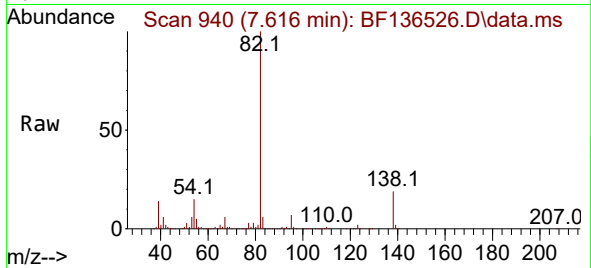




#25
Isophorone
Concen: 40.210 ng
RT: 7.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

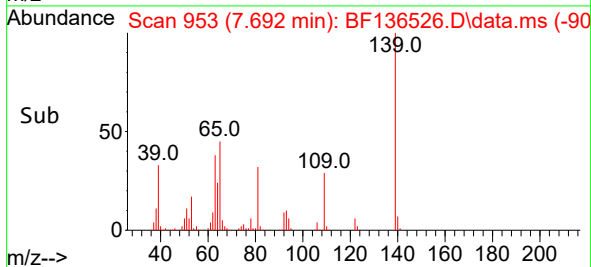
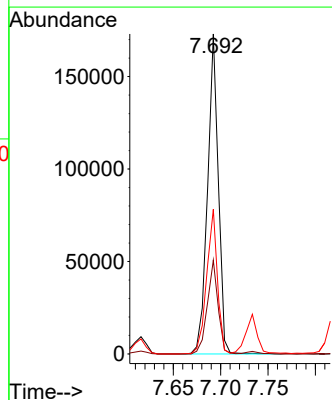
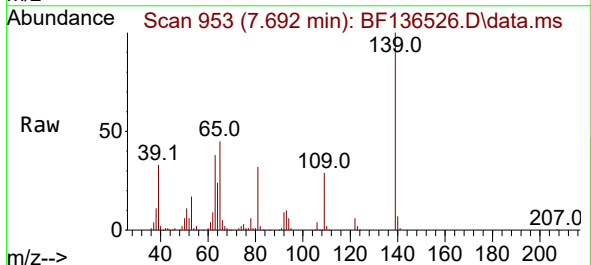
Instrument :
BNA_F
ClientSampleId :
WC-2MSD

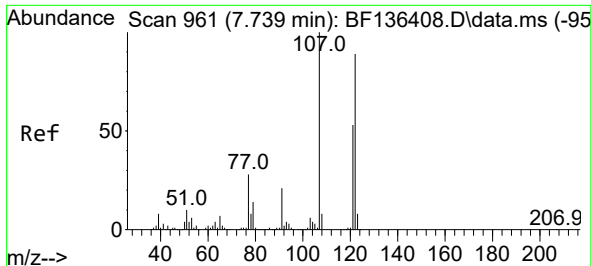
Tgt Ion: 82 Resp: 458745
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 18.8 14.5 21.7



#26
2-Nitrophenol
Concen: 43.628 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Tgt Ion:139 Resp: 137013
Ion Ratio Lower Upper
139 100
109 29.3 23.6 35.4
65 45.2 39.4 59.2





#27

2,4-Dimethylphenol

Concen: 51.830 ng

RT: 7.733 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

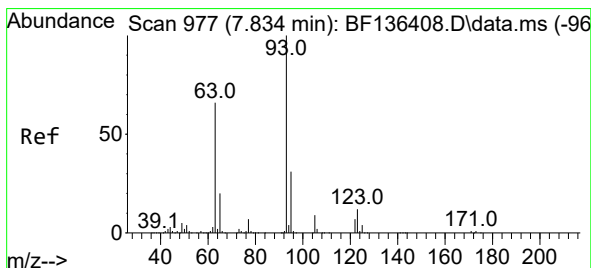
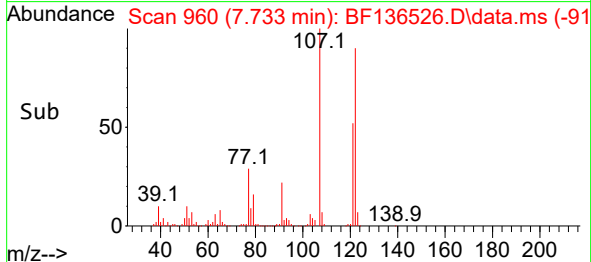
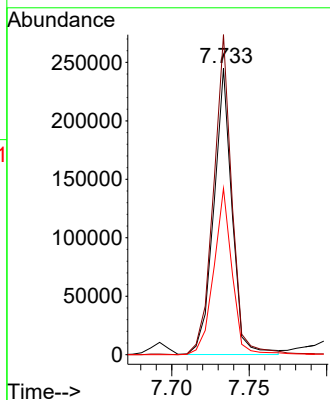
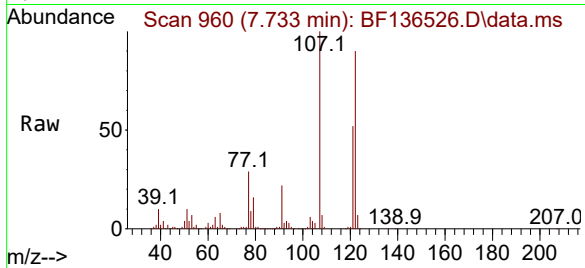
Tgt Ion:122 Resp: 200705

Ion Ratio Lower Upper

122 100

107 111.7 89.3 133.9

121 58.1 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 41.733 ng

RT: 7.828 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

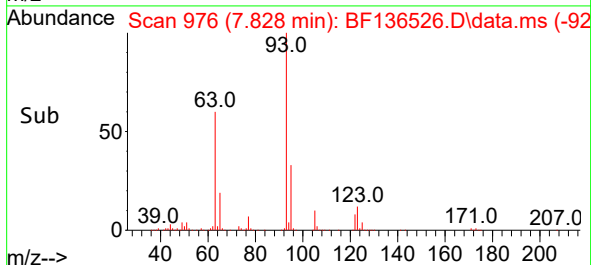
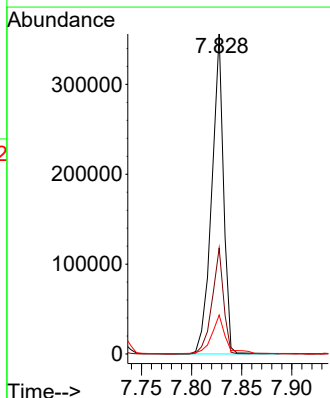
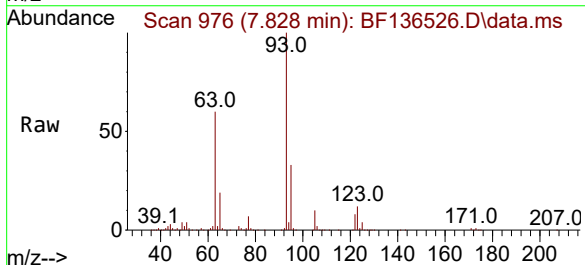
Tgt Ion: 93 Resp: 292565

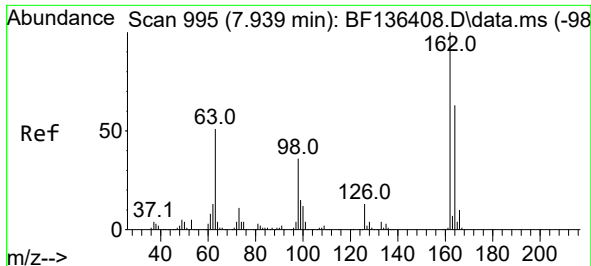
Ion Ratio Lower Upper

93 100

95 33.1 25.0 37.4

123 12.1 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 41.931 ng

RT: 7.933 min Scan# 995

Delta R.T. -0.006 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

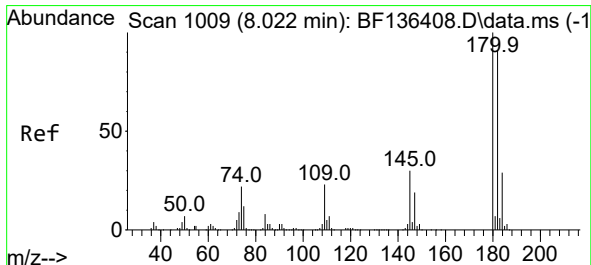
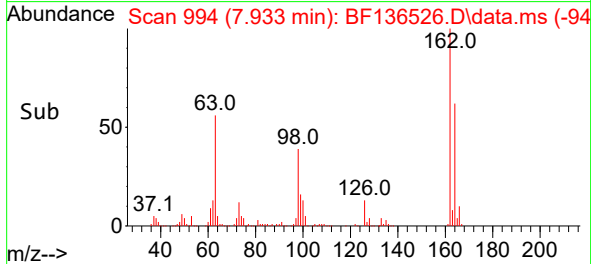
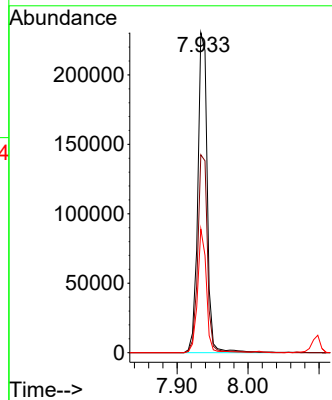
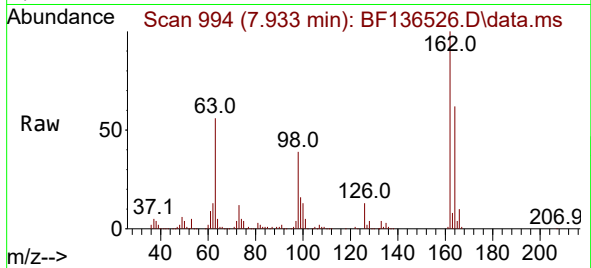
Tgt Ion:162 Resp: 214322

Ion Ratio Lower Upper

162 100

164 61.9 43.0 83.0

98 38.7 16.2 56.2



#30

1,2,4-Trichlorobenzene

Concen: 40.886 ng

RT: 8.016 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

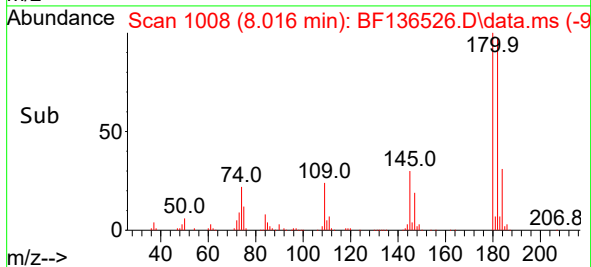
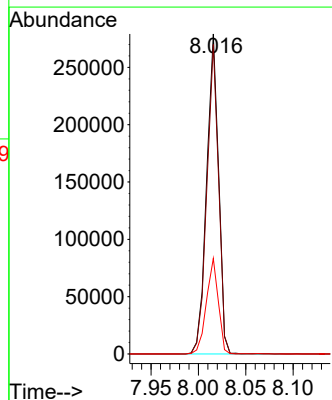
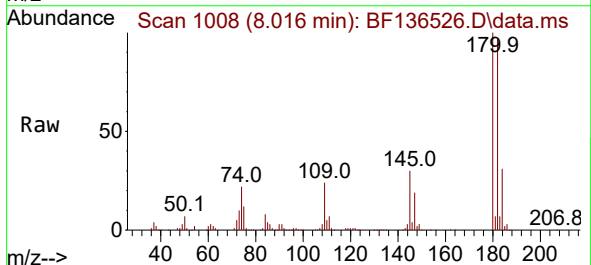
Tgt Ion:180 Resp: 243684

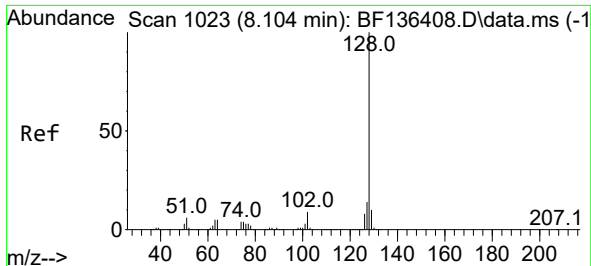
Ion Ratio Lower Upper

180 100

182 96.7 73.1 109.7

145 29.9 23.8 35.8

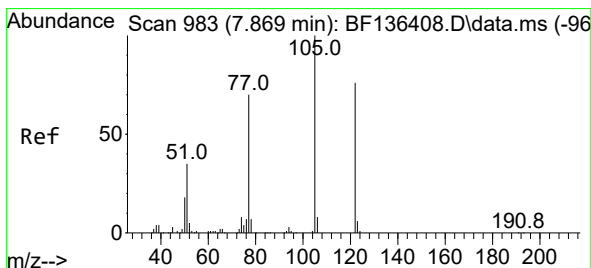
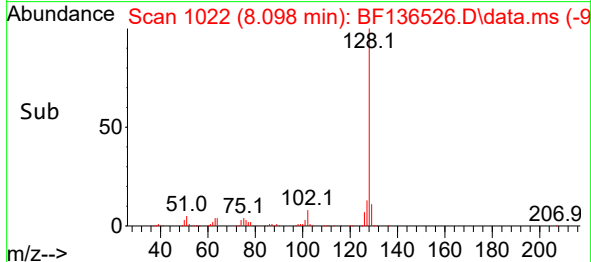
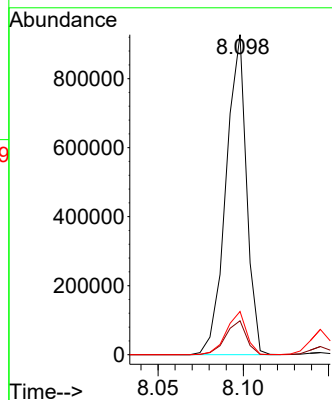
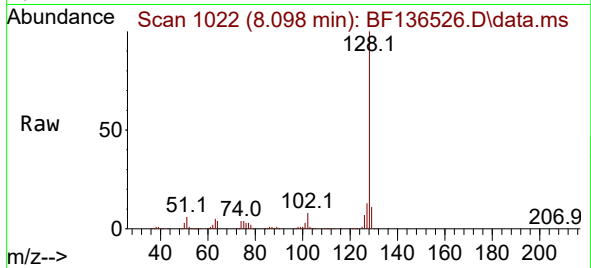




#31
Naphthalene
Concen: 40.933 ng
RT: 8.098 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

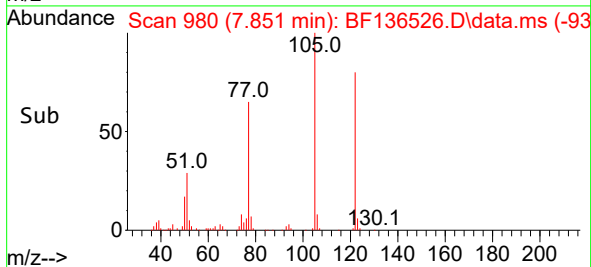
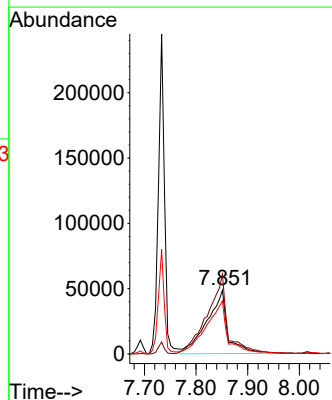
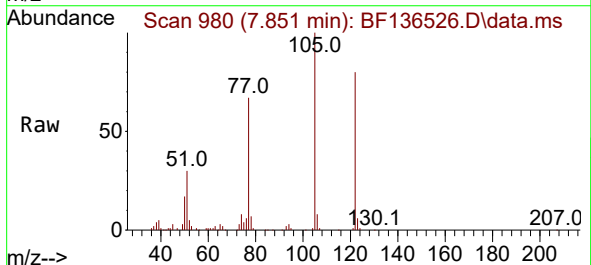
Instrument :
BNA_F
ClientSampleId :
WC-2MSD

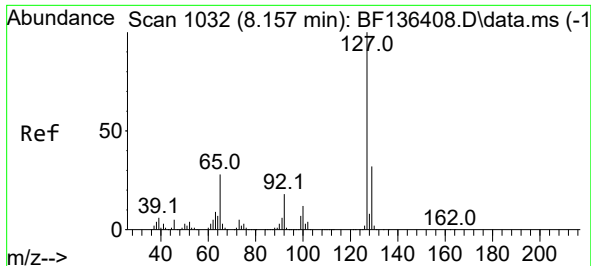
Tgt Ion:128 Resp: 774911
Ion Ratio Lower Upper
128 100
129 10.6 8.3 12.5
127 13.5 11.1 16.7



#32
Benzoic acid
Concen: 35.569 ng
RT: 7.851 min Scan# 980
Delta R.T. -0.018 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Tgt Ion:122 Resp: 136636
Ion Ratio Lower Upper
122 100
105 125.0 104.7 144.7
77 83.2 68.5 108.5

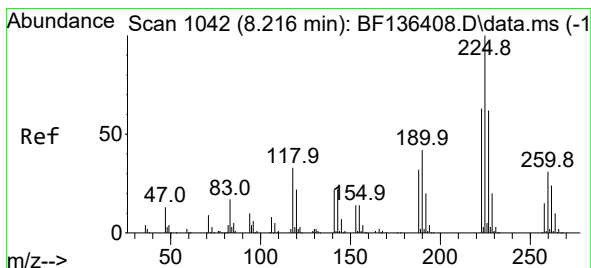
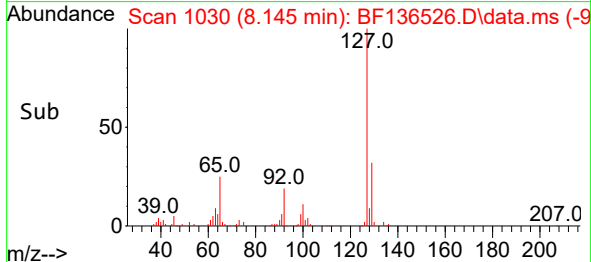
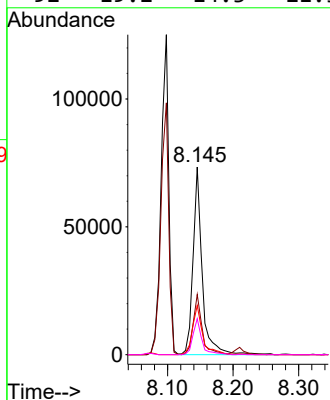
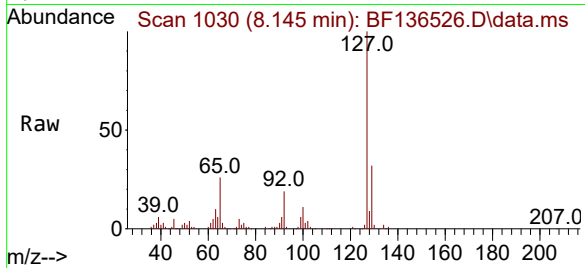




#33
4-Chloroaniline
Concen: 10.677 ng
RT: 8.145 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

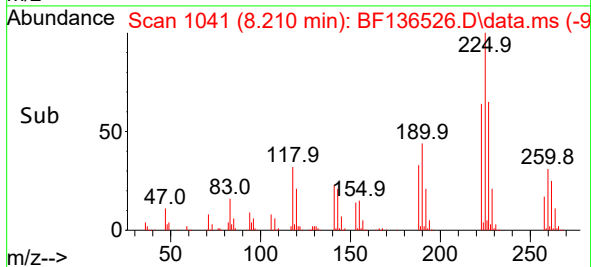
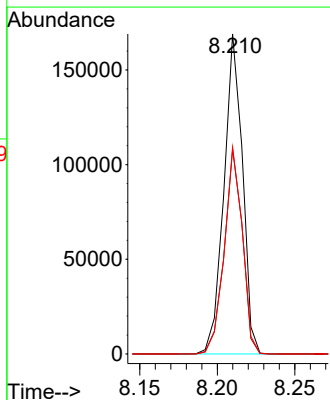
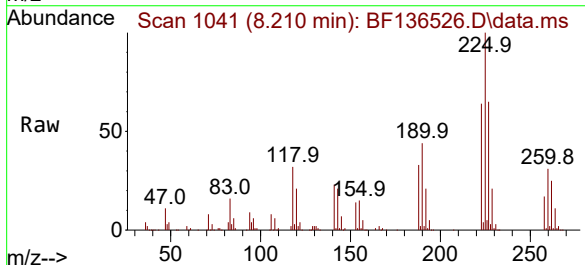
Instrument :
BNA_F
ClientSampleId :
WC-2MSD

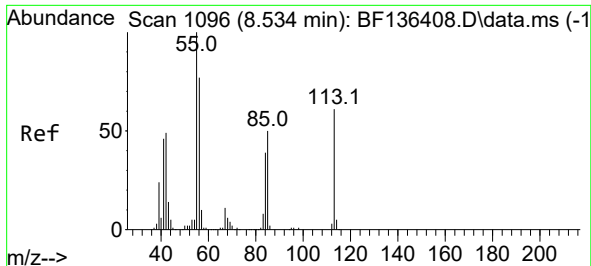
Tgt Ion:	127	Resp:	72060
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.4	38.2
65	26.1	22.5	33.7
92	19.2	14.3	21.5



#34
Hexachlorobutadiene
Concen: 39.742 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Tgt Ion:	225	Resp:	140379
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.8	76.2
227	64.6	49.8	74.8

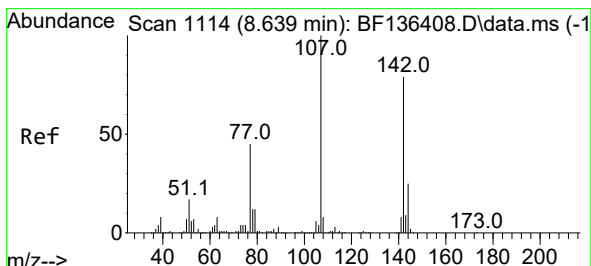
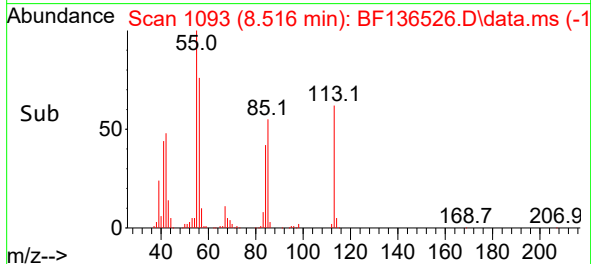
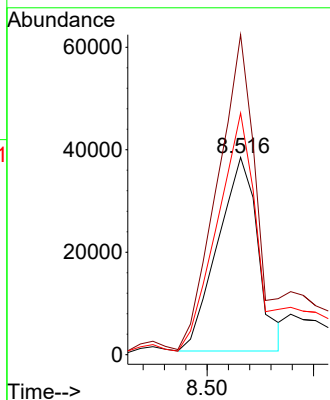
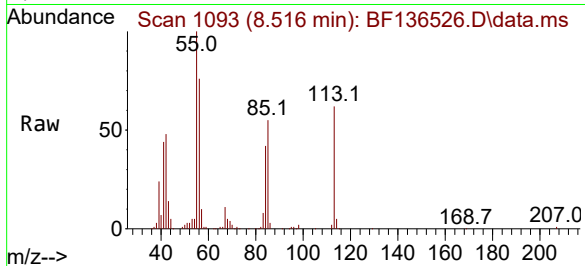




#35
 Caprolactam
 Concen: 31.690 ng
 RT: 8.516 min Scan# 1096
 Delta R.T. -0.018 min
 Lab File: BF136526.D
 Acq: 12 Dec 2023 20:31

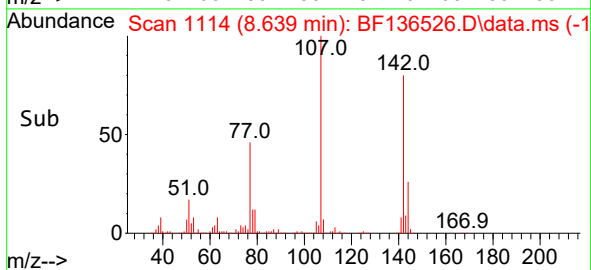
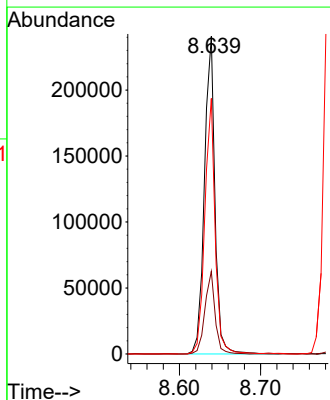
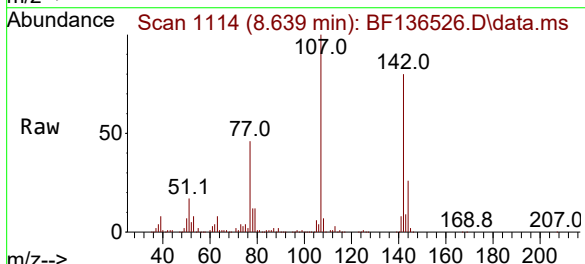
Instrument :
 BNA_F
 ClientSampleId :
 WC-2MSD

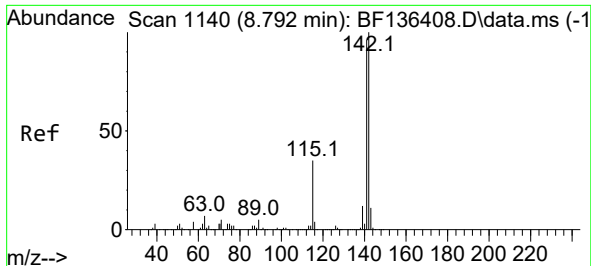
Tgt Ion:113 Resp: 49882
 Ion Ratio Lower Upper
 113 100
 55 162.3 143.7 183.7
 56 122.5 105.2 145.2



#36
 4-Chloro-3-methylphenol
 Concen: 39.905 ng
 RT: 8.639 min Scan# 1114
 Delta R.T. -0.000 min
 Lab File: BF136526.D
 Acq: 12 Dec 2023 20:31

Tgt Ion:107 Resp: 216571
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.1 30.1
 142 80.5 63.1 94.7

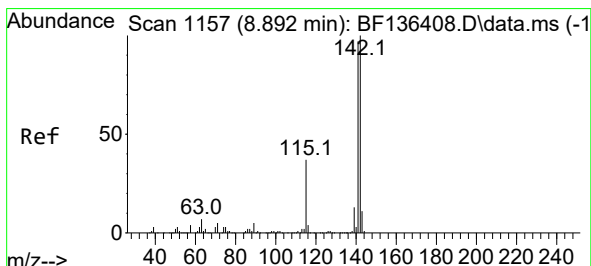
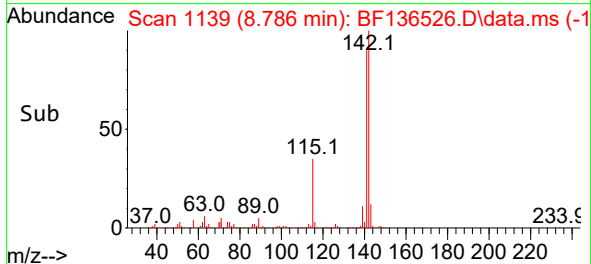
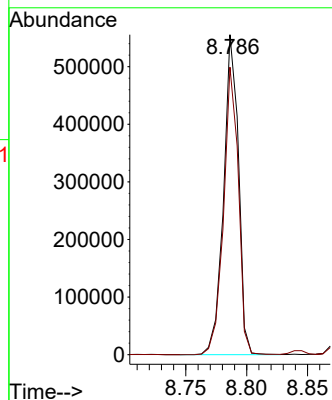
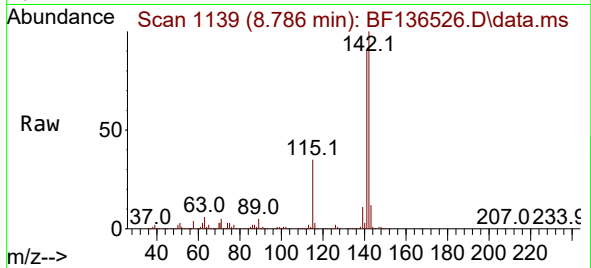




#37
2-Methylnaphthalene
Concen: 39.262 ng
RT: 8.786 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

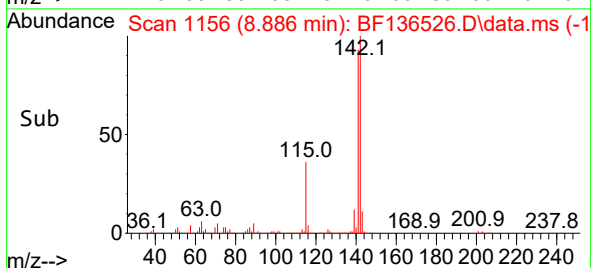
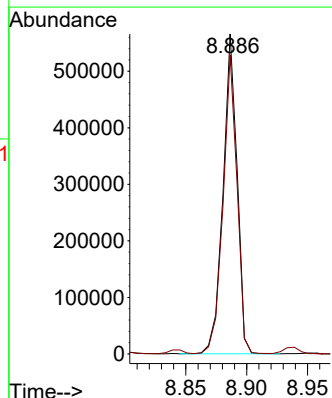
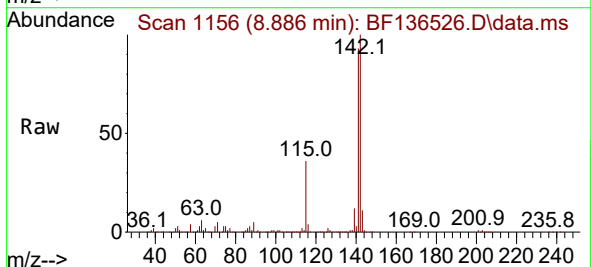
Instrument :
BNA_F
ClientSampleId :
WC-2MSD

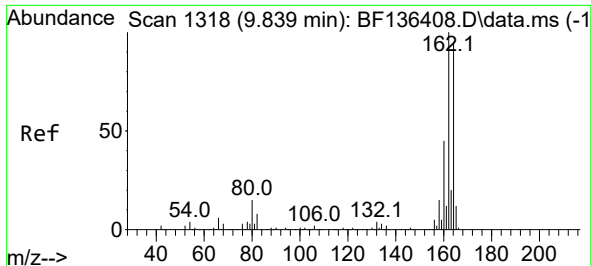
Tgt Ion:142 Resp: 472861
Ion Ratio Lower Upper
142 100
141 89.8 76.4 114.6



#38
1-Methylnaphthalene
Concen: 38.458 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Tgt Ion:142 Resp: 454507
Ion Ratio Lower Upper
142 100
141 93.5 77.7 116.5

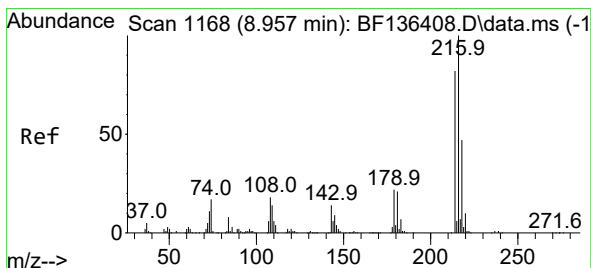
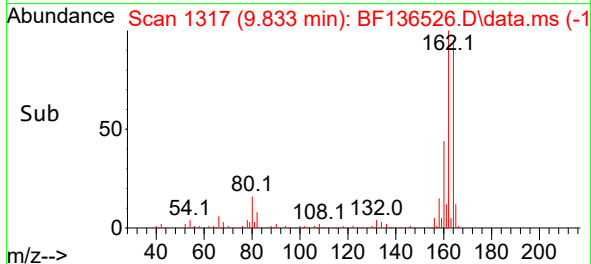
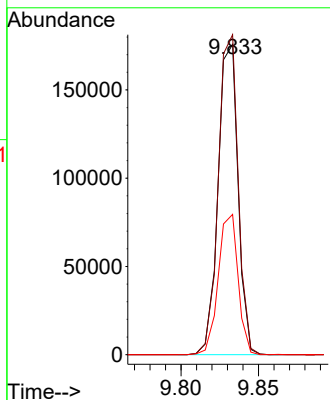
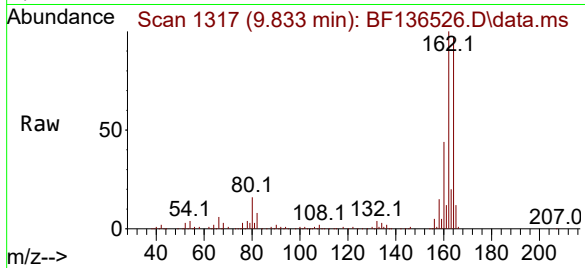




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

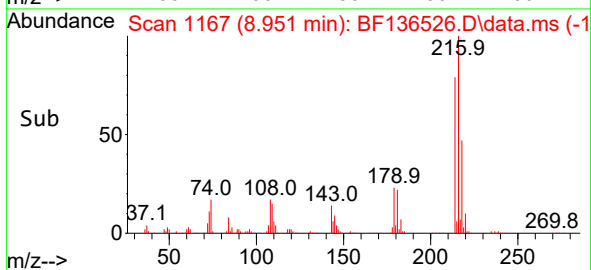
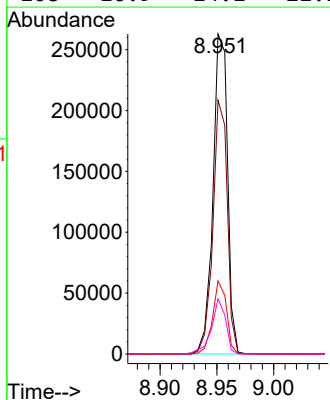
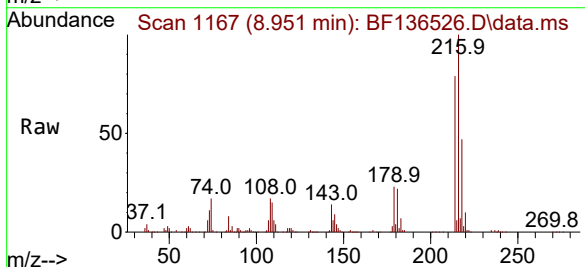
Instrument :
BNA_F
ClientSampleId :
WC-2MSD

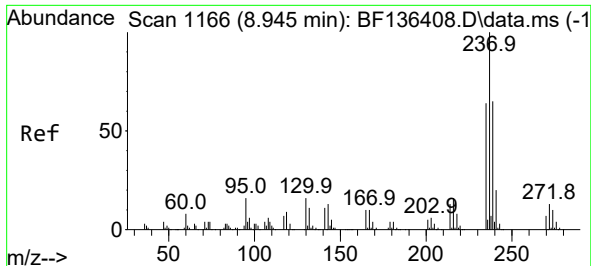
Tgt Ion:164 Resp: 157512
Ion Ratio Lower Upper
164 100
162 103.2 84.4 126.6
160 45.2 37.6 56.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.891 ng
RT: 8.951 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Tgt Ion:216 Resp: 234686
Ion Ratio Lower Upper
216 100
214 78.2 64.1 96.1
179 21.8 17.0 25.6
108 16.9 14.1 21.1

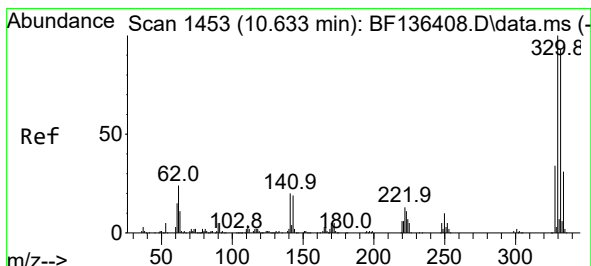
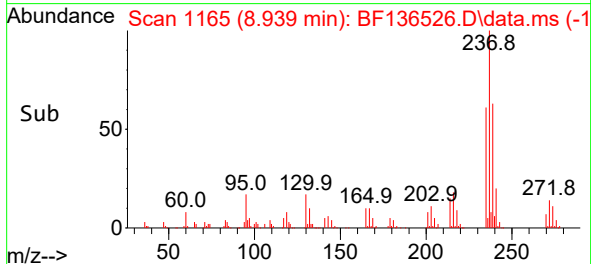
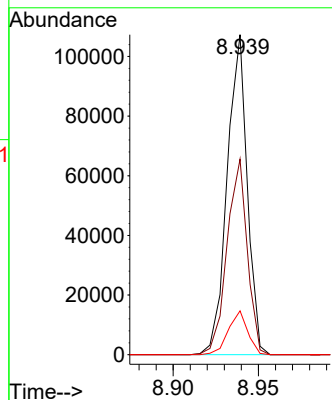
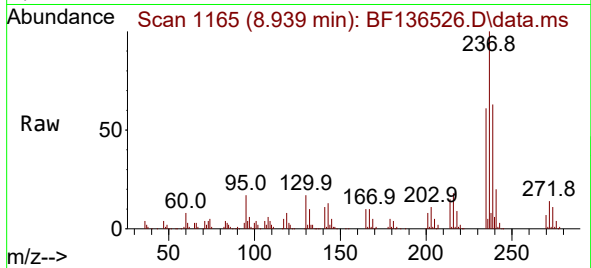




#41
Hexachlorocyclopentadiene
Concen: 48.338 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

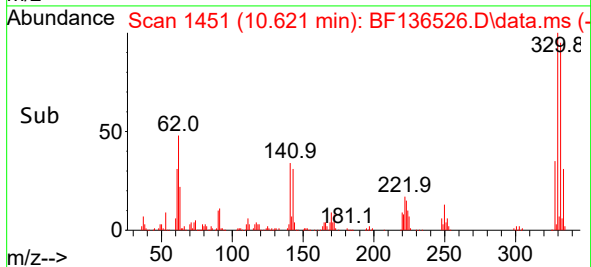
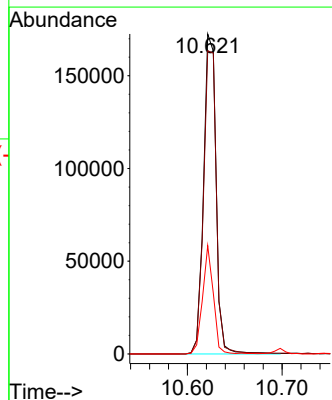
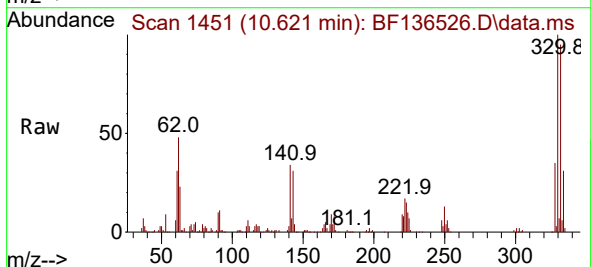
Instrument :
BNA_F
ClientSampleId :
WC-2MSD

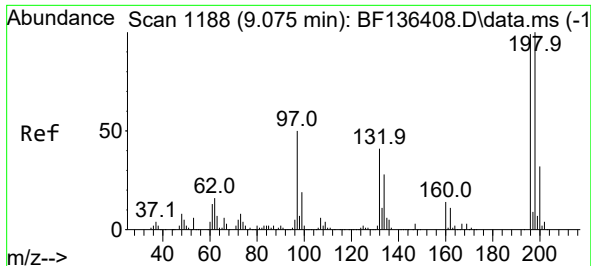
Tgt Ion:237 Resp: 87756
Ion Ratio Lower Upper
237 100
235 61.1 44.1 84.1
272 13.7 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 81.290 ng
RT: 10.621 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Tgt Ion:330 Resp: 157876
Ion Ratio Lower Upper
330 100
332 97.4 76.4 114.6
141 29.4 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 44.233 ng

RT: 9.069 min Scan# 1187

Delta R.T. -0.006 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

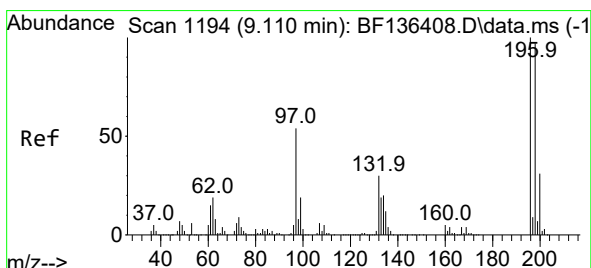
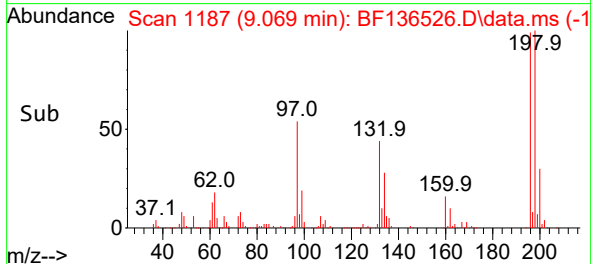
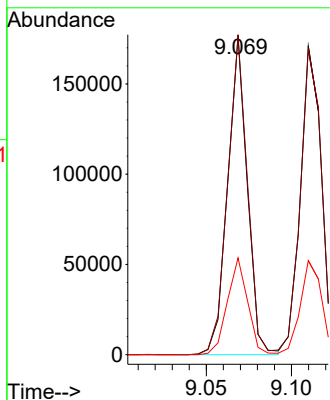
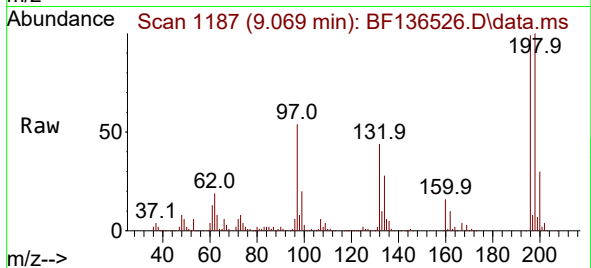
Tgt Ion:196 Resp: 141137

Ion Ratio Lower Upper

196 100

198 100.5 80.4 120.6

200 30.4 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 42.888 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.000 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

Tgt Ion:196 Resp: 152736

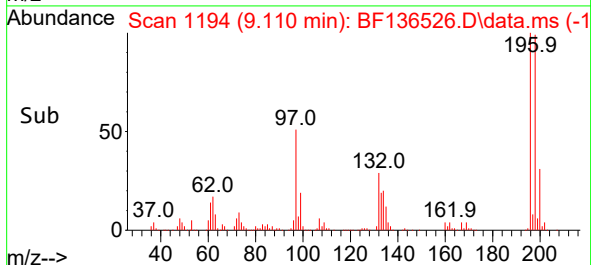
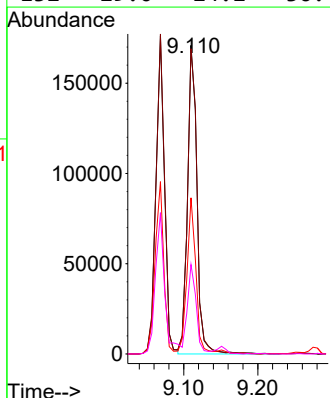
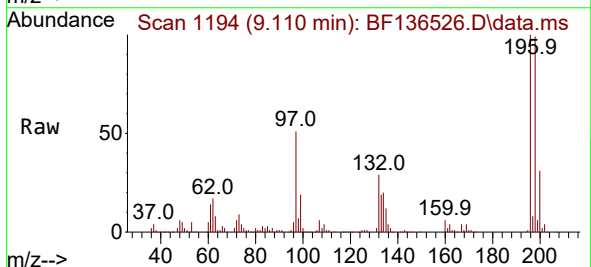
Ion Ratio Lower Upper

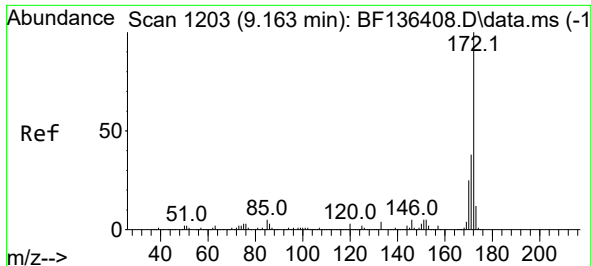
196 100

198 98.9 78.1 117.1

97 50.6 43.4 65.2

132 29.0 24.2 36.4





#45

2-Fluorobiphenyl

Concen: 63.783 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

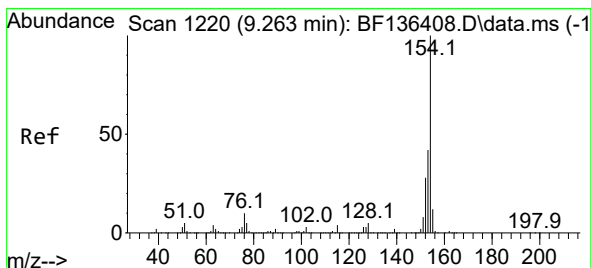
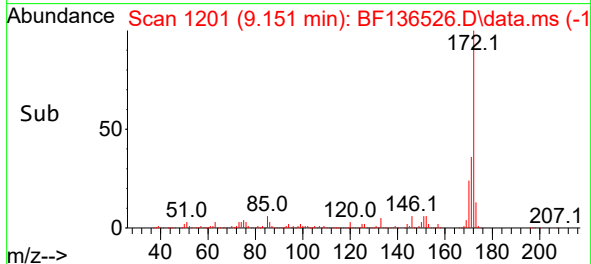
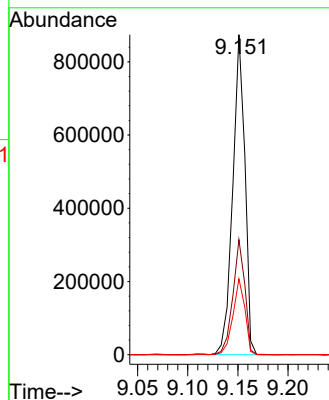
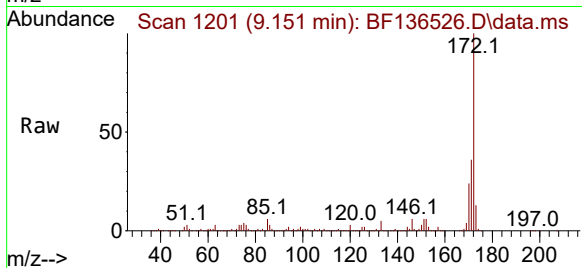
Tgt Ion:172 Resp: 736283

Ion Ratio Lower Upper

172 100

171 35.9 30.5 45.7

170 23.7 19.9 29.9



#46

1,1'-Biphenyl

Concen: 45.256 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.012 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

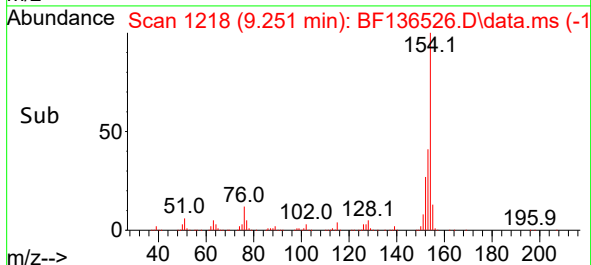
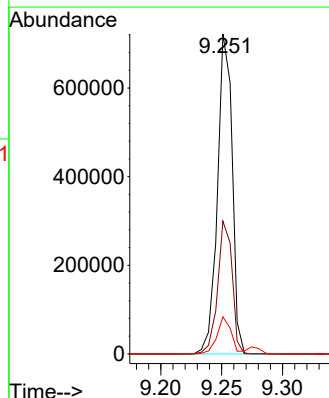
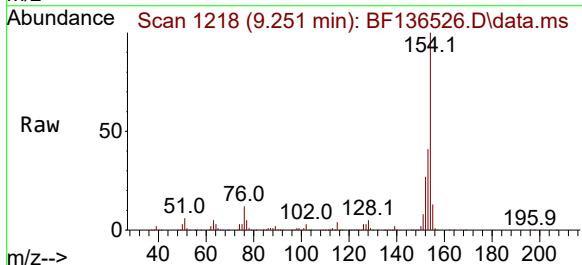
Tgt Ion:154 Resp: 606545

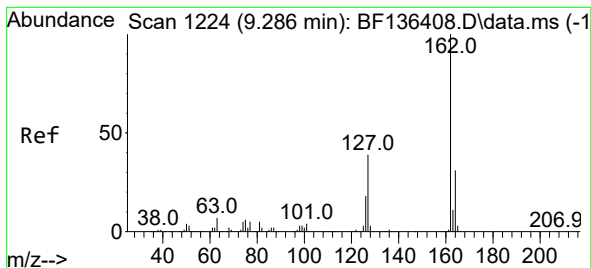
Ion Ratio Lower Upper

154 100

153 41.5 22.5 62.5

76 11.6 0.0 29.9





#47

2-Chloronaphthalene

Concen: 42.673 ng

RT: 9.274 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

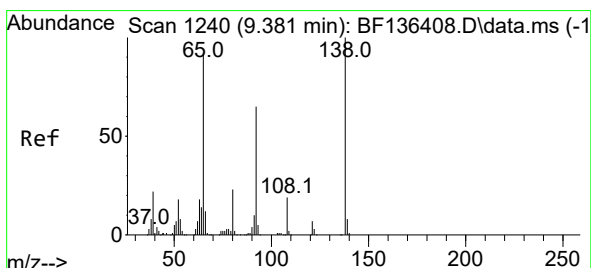
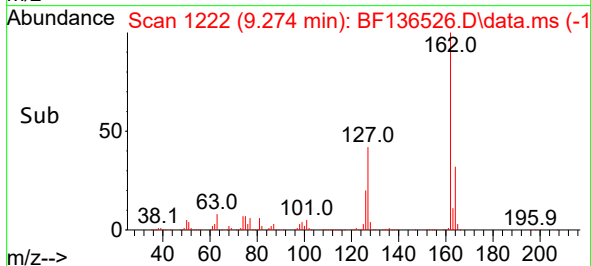
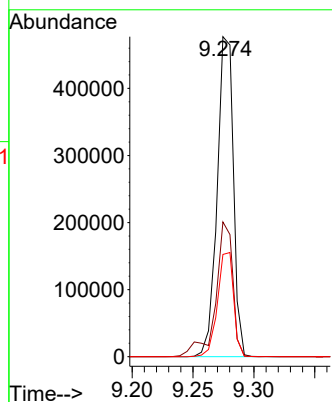
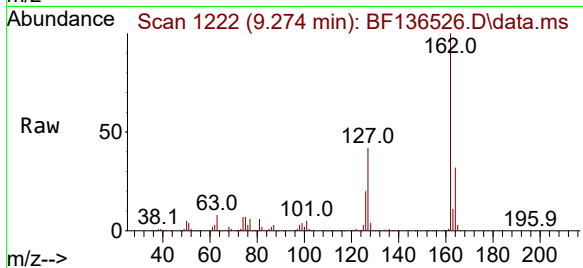
Tgt Ion:162 Resp: 445150

Ion Ratio Lower Upper

162 100

127 42.1 31.1 46.7

164 32.0 24.6 37.0



#48

2-Nitroaniline

Concen: 43.386 ng

RT: 9.374 min Scan# 1239

Delta R.T. -0.006 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

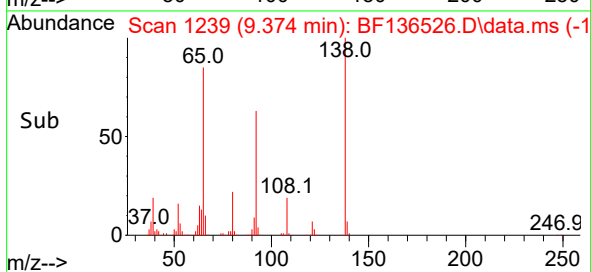
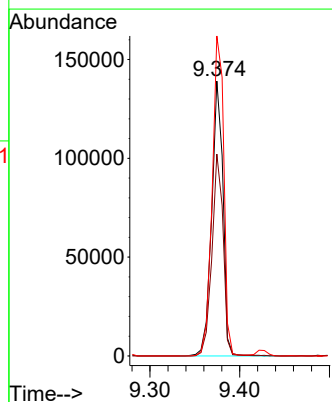
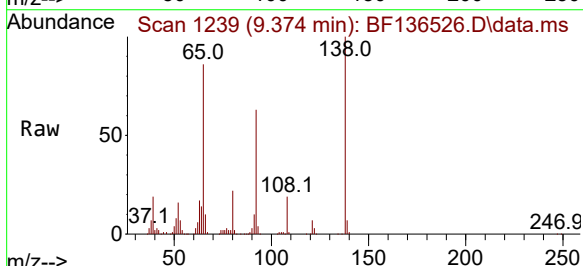
Tgt Ion: 65 Resp: 121385

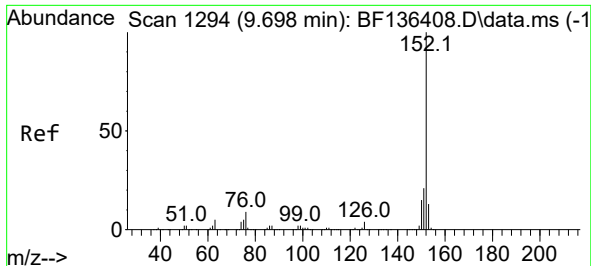
Ion Ratio Lower Upper

65 100

92 73.4 56.1 84.1

138 116.4 86.7 130.1

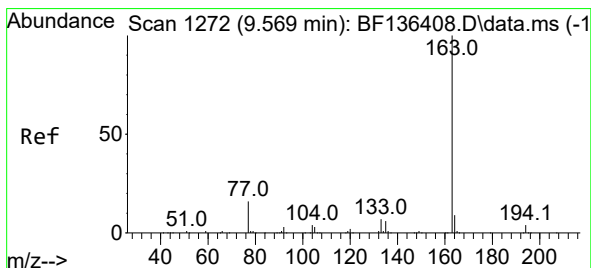
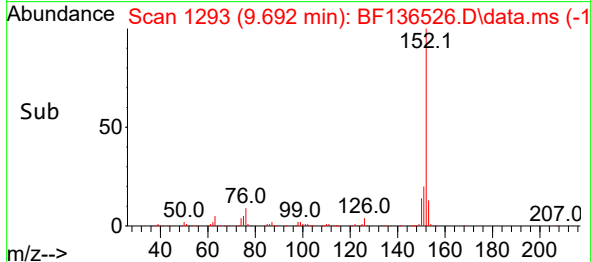
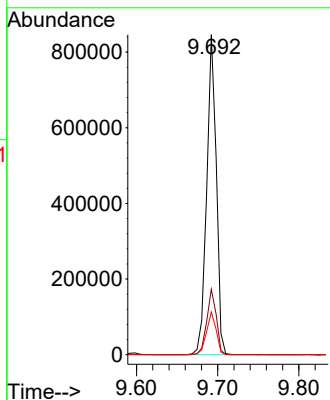
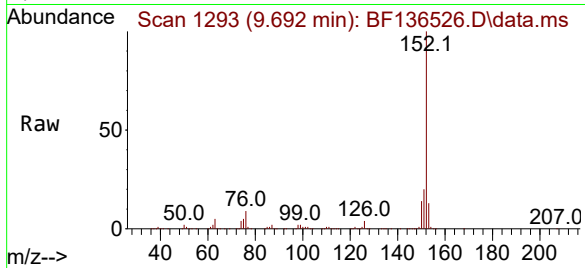




#49
Acenaphthylene
Concen: 46.486 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

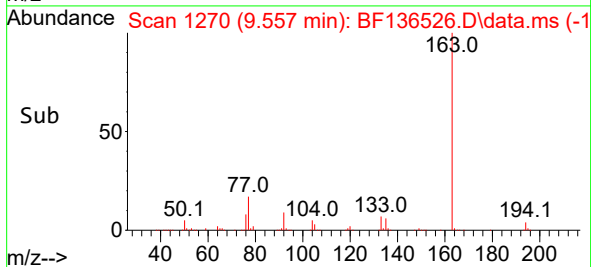
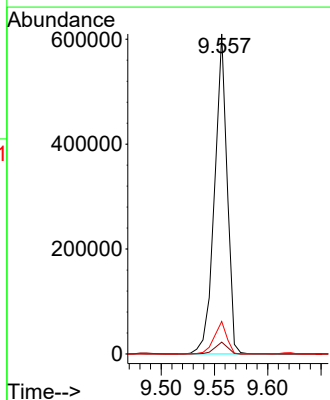
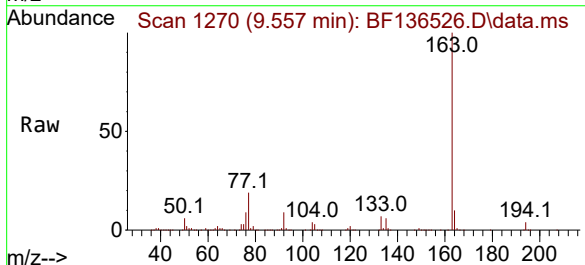
Instrument :
BNA_F
ClientSampleId :
WC-2MSD

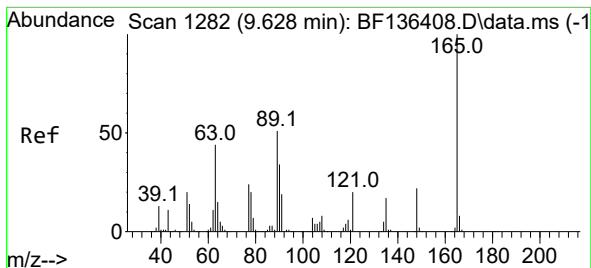
Tgt Ion:152 Resp: 690781
Ion Ratio Lower Upper
152 100
151 20.4 17.2 25.8
153 13.4 10.6 15.8



#50
Dimethylphthalate
Concen: 43.229 ng
RT: 9.557 min Scan# 1270
Delta R.T. -0.012 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Tgt Ion:163 Resp: 501307
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.1 7.4 11.2





#51

2,6-Dinitrotoluene

Concen: 41.644 ng

RT: 9.622 min Scan# 1282

Delta R.T. -0.006 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

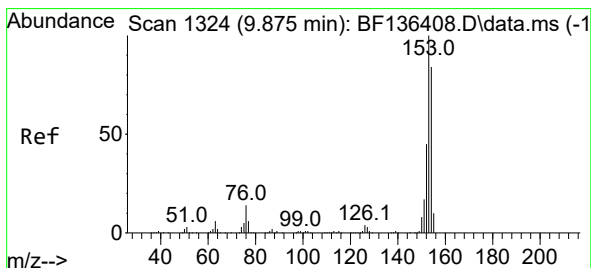
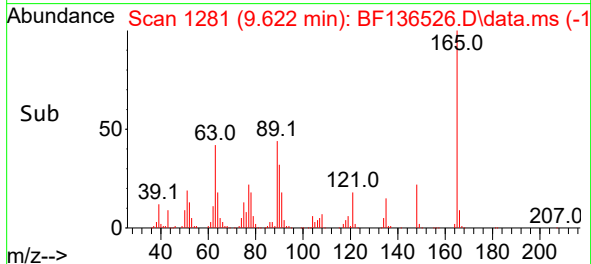
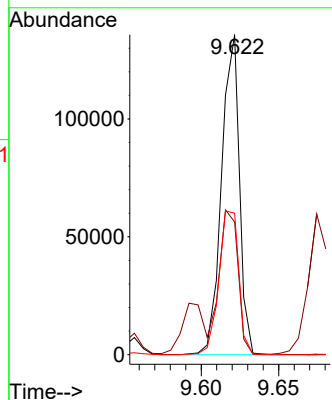
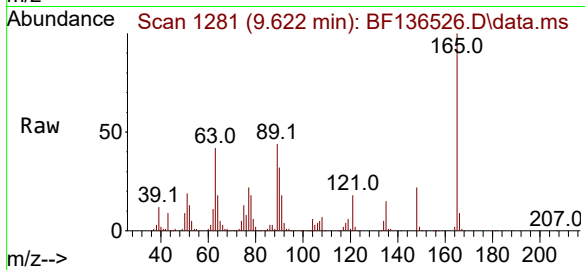
Tgt Ion:165 Resp: 108646

Ion Ratio Lower Upper

165 100

63 41.5 40.4 60.6

89 44.2 40.6 60.8



#52

Acenaphthene

Concen: 42.040 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.012 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

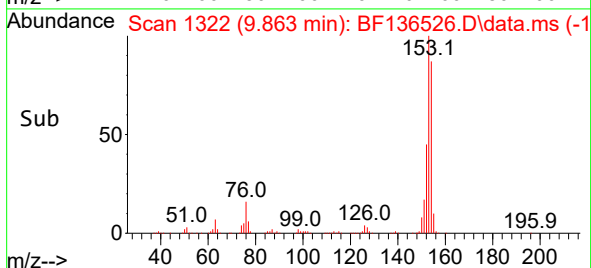
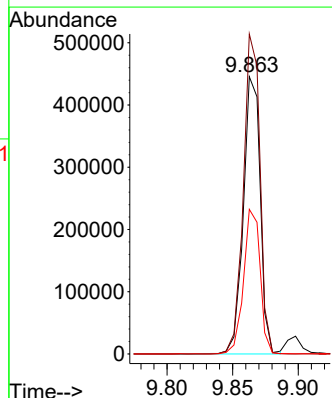
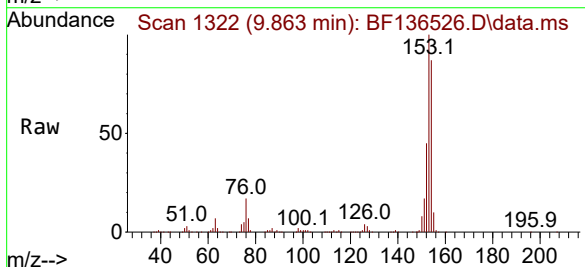
Tgt Ion:154 Resp: 400323

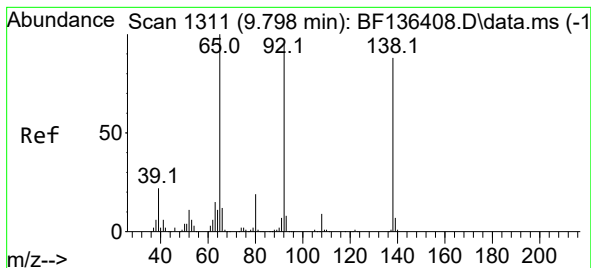
Ion Ratio Lower Upper

154 100

153 115.4 95.3 142.9

152 52.2 43.2 64.8





#53

3-Nitroaniline

Concen: 25.417 ng

RT: 9.786 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

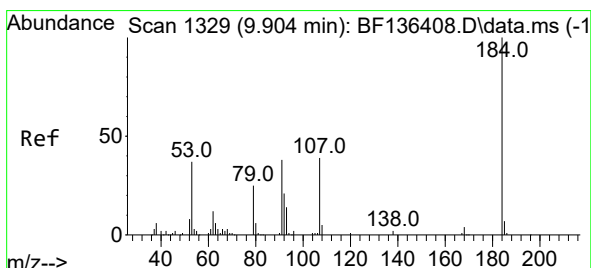
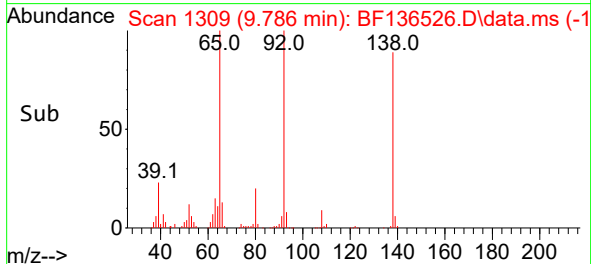
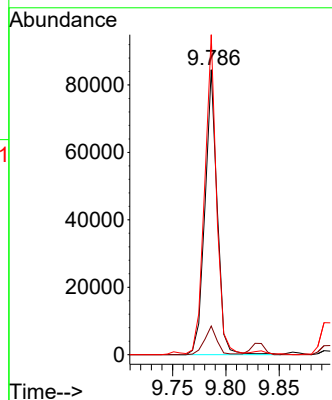
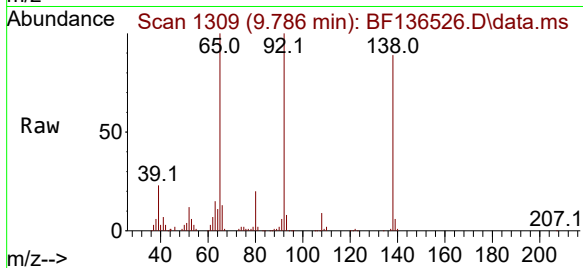
Tgt Ion:138 Resp: 67714

Ion Ratio Lower Upper

138 100

108 10.1 8.5 12.7

92 112.3 86.1 129.1



#54

2,4-Dinitrophenol

Concen: 28.460 ng

RT: 9.898 min Scan# 1328

Delta R.T. -0.006 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

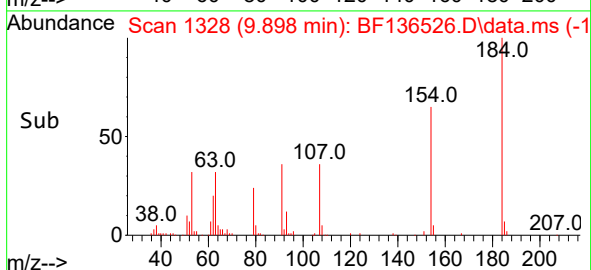
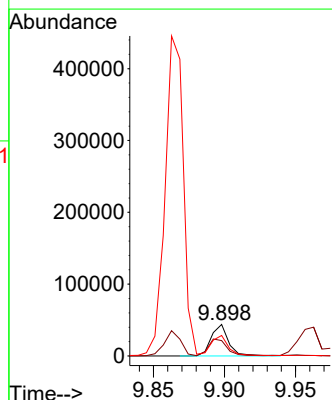
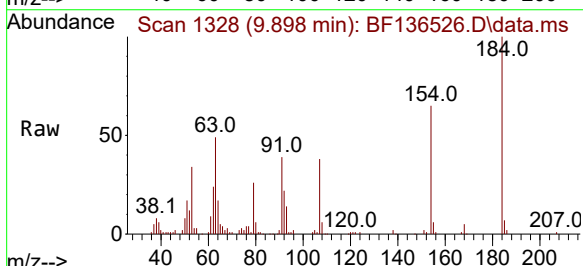
Tgt Ion:184 Resp: 37541

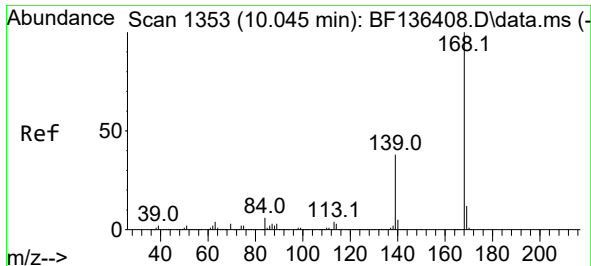
Ion Ratio Lower Upper

184 100

63 49.0 39.1 58.7

154 65.0 49.9 74.9

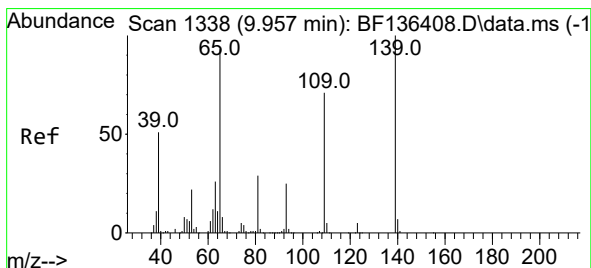
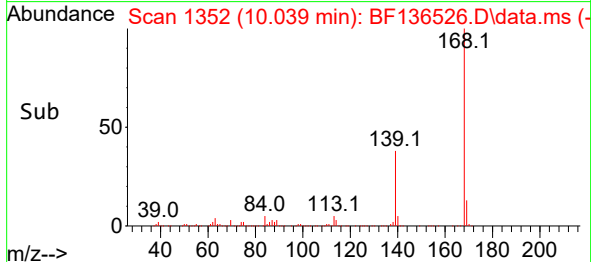
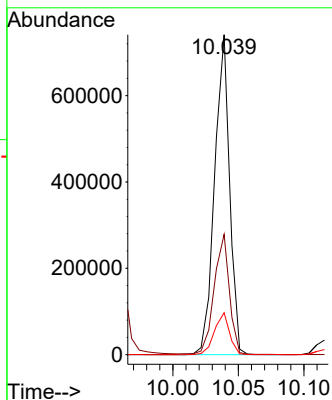
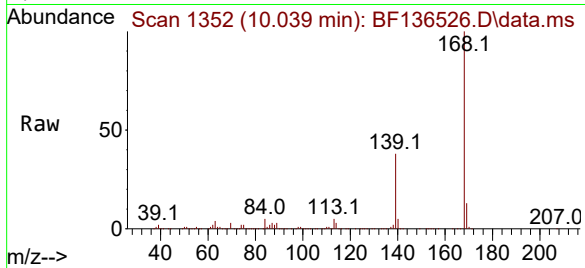




#55
Dibenzenofuran
Concen: 42.238 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

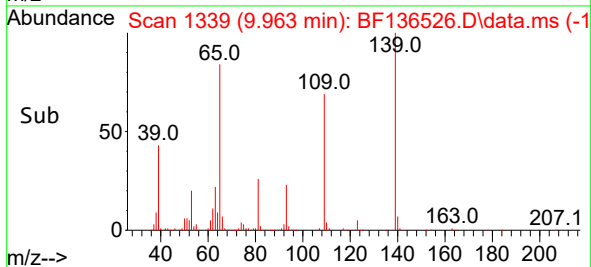
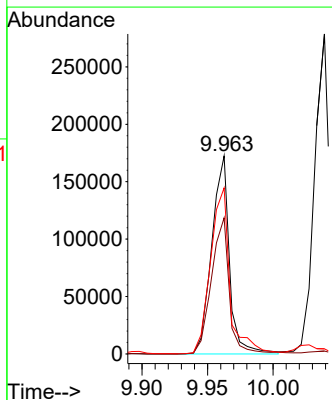
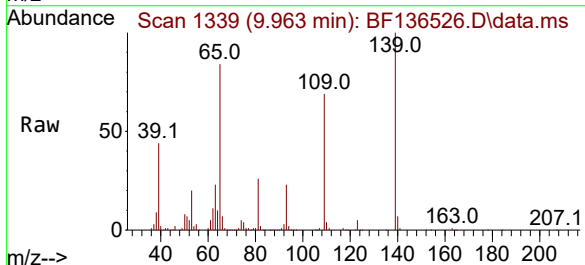
Instrument :
BNA_F
ClientSampleId :
WC-2MSD

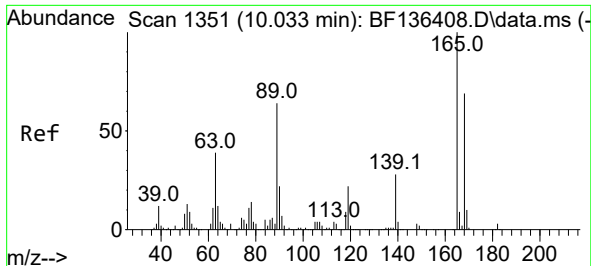
Tgt Ion:168 Resp: 587583
Ion Ratio Lower Upper
168 100
139 37.6 30.4 45.6
169 13.1 9.9 14.9



#56
4-Nitrophenol
Concen: 81.176 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Tgt Ion:139 Resp: 162122
Ion Ratio Lower Upper
139 100
109 68.7 50.6 90.6
65 83.9 73.1 113.1

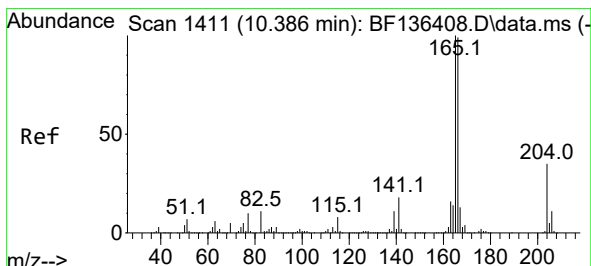
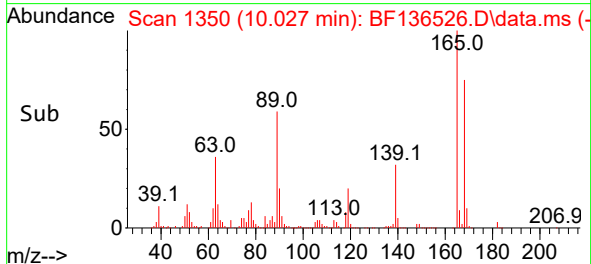
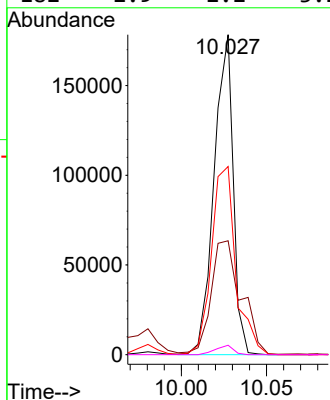
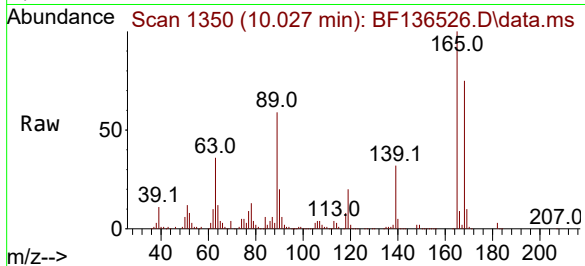




#57
2,4-Dinitrotoluene
Concen: 40.312 ng
RT: 10.027 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

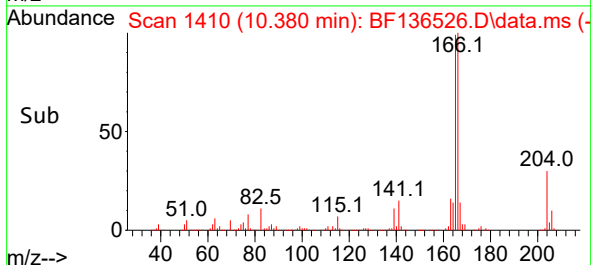
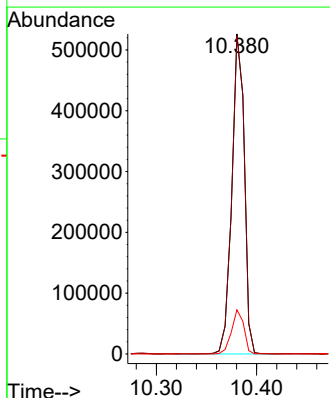
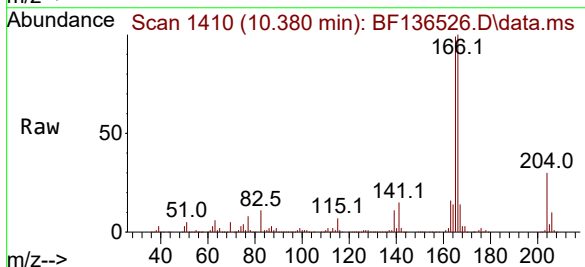
Instrument :
BNA_F
ClientSampleId :
WC-2MSD

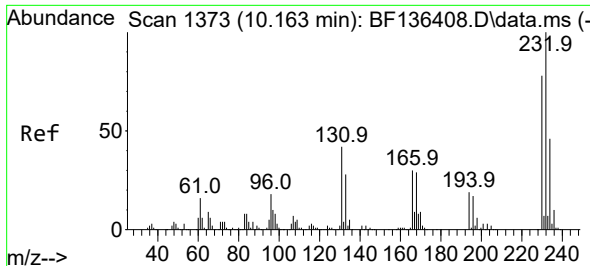
Tgt Ion:165 Resp: 139127
Ion Ratio Lower Upper
165 100
63 35.6 31.4 47.2
89 58.8 51.7 77.5
182 2.9 2.2 3.2



#58
Fluorene
Concen: 40.573 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Tgt Ion:166 Resp: 453074
Ion Ratio Lower Upper
166 100
165 99.5 80.5 120.7
167 13.8 10.5 15.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.545 ng

RT: 10.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

Tgt Ion:232 Resp: 112807

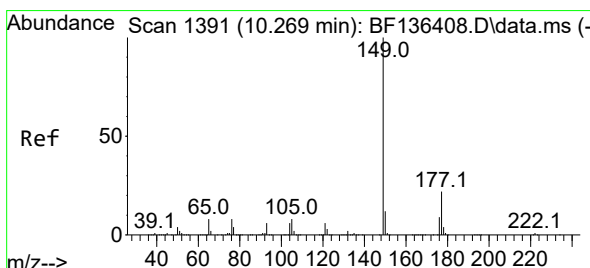
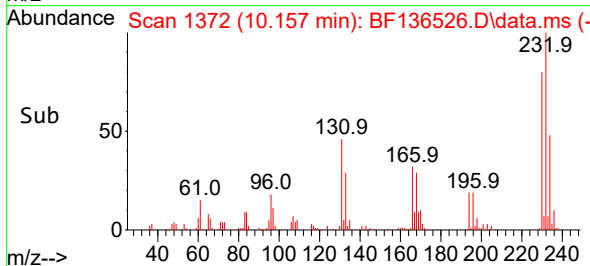
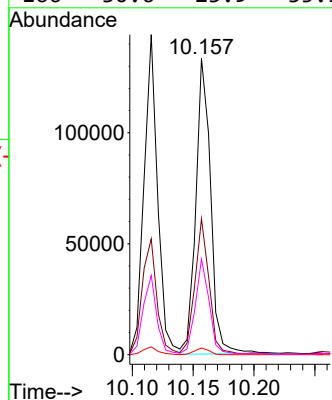
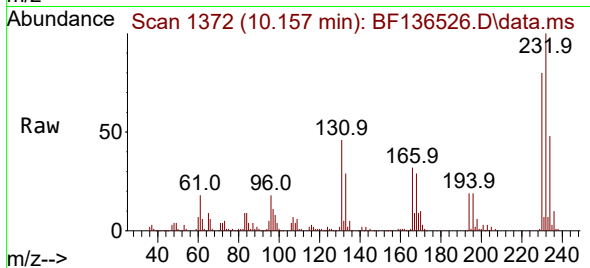
Ion Ratio Lower Upper

232 100

131 43.4 34.3 51.5

130 2.2 1.6 2.4

166 30.6 23.9 35.9



#60

Diethylphthalate

Concen: 40.590 ng

RT: 10.257 min Scan# 1389

Delta R.T. -0.012 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

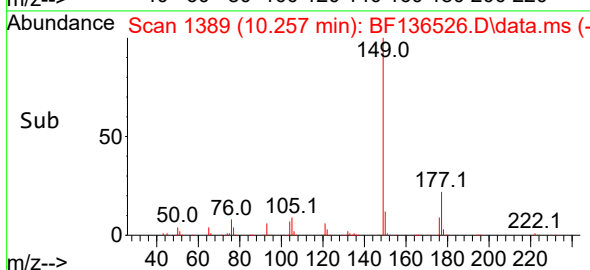
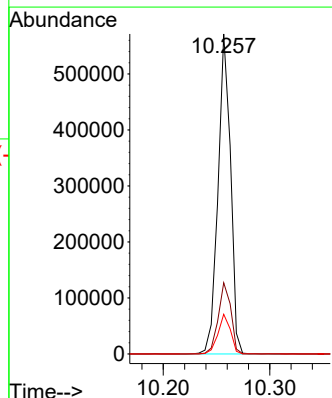
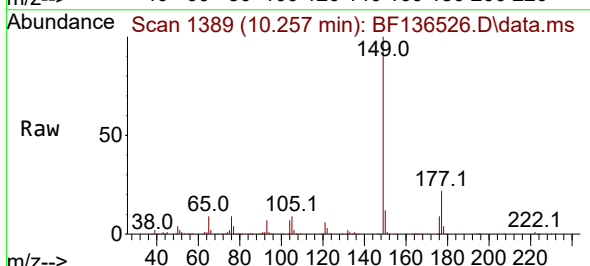
Tgt Ion:149 Resp: 462860

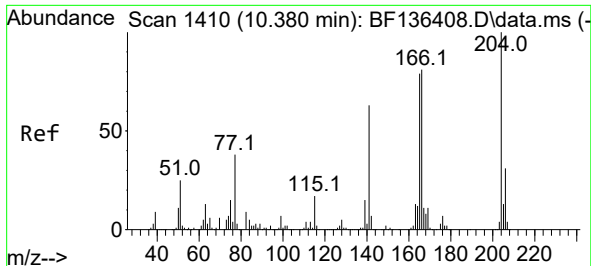
Ion Ratio Lower Upper

149 100

177 22.3 17.8 26.8

150 12.4 9.4 14.0

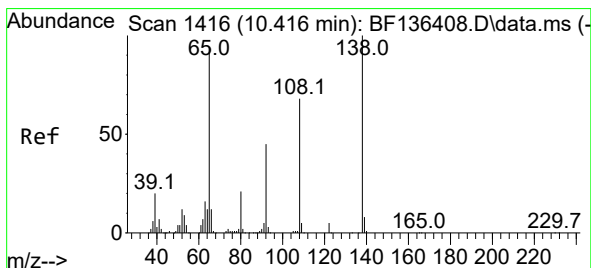
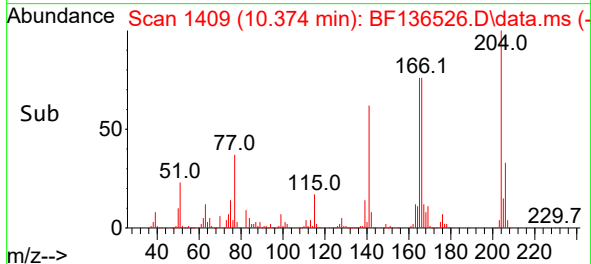
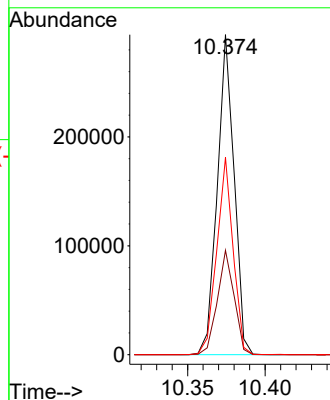
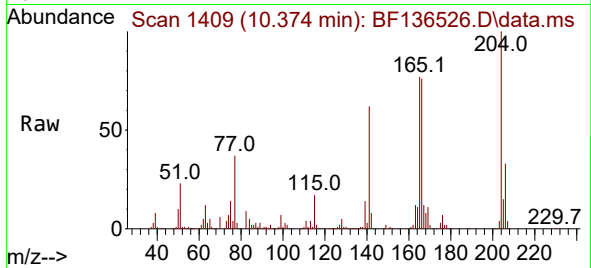




#61
4-Chlorophenyl-phenylether
Concen: 40.688 ng
RT: 10.374 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

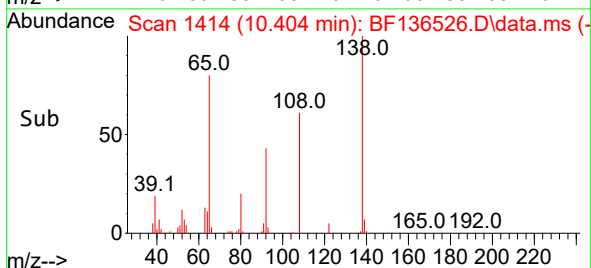
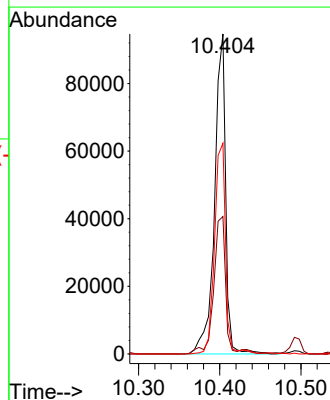
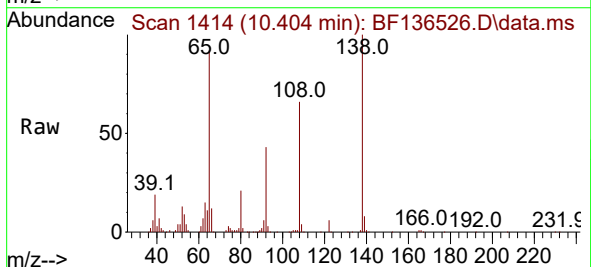
Instrument :
BNA_F
ClientSampleId :
WC-2MSD

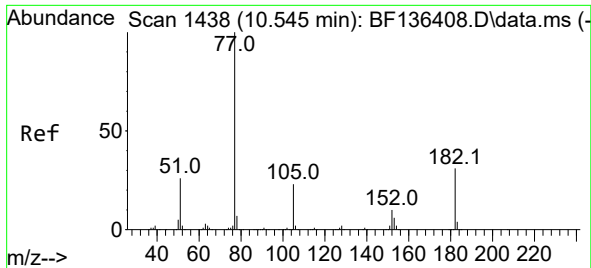
Tgt Ion:204 Resp: 221498
Ion Ratio Lower Upper
204 100
206 32.6 24.6 36.8
141 61.6 50.3 75.5



#62
4-Nitroaniline
Concen: 33.988 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Tgt Ion:138 Resp: 89911
Ion Ratio Lower Upper
138 100
92 42.9 25.0 65.0
108 65.9 47.9 87.9

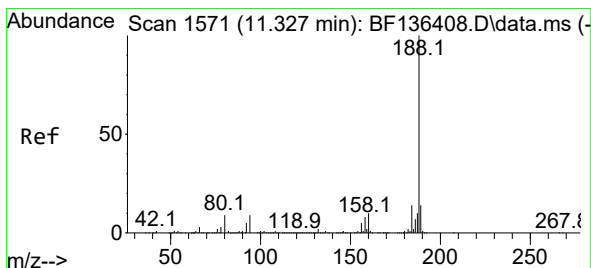
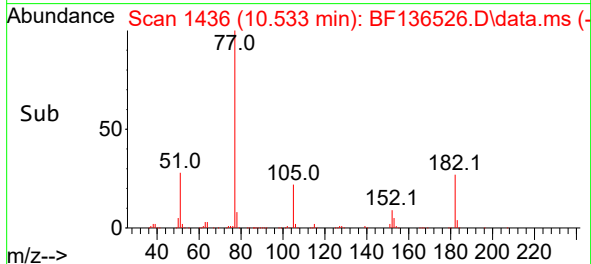
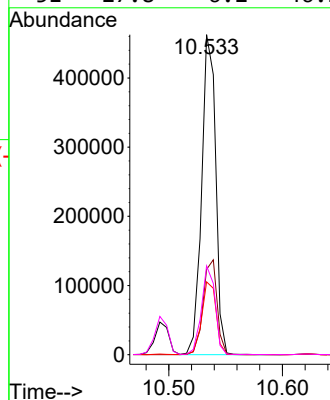
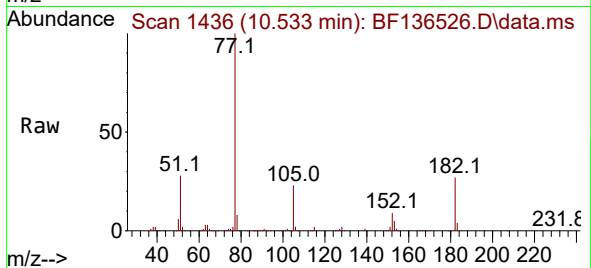




#63
Azobenzene
Concen: 38.315 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

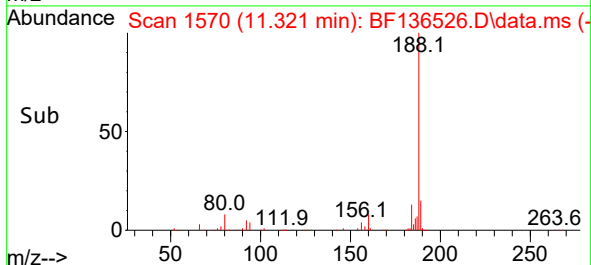
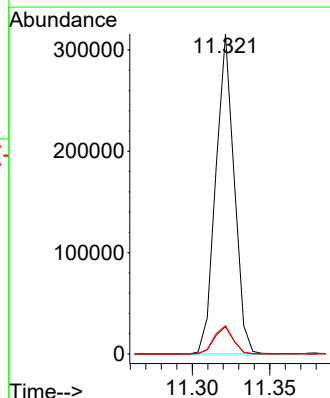
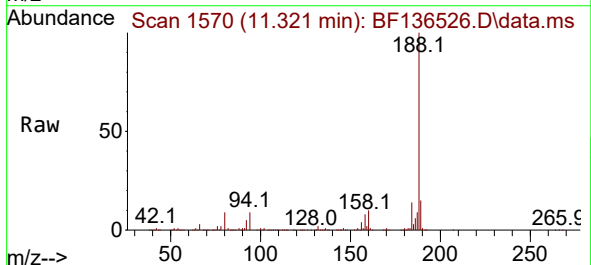
Instrument :
BNA_F
ClientSampleId :
WC-2MSD

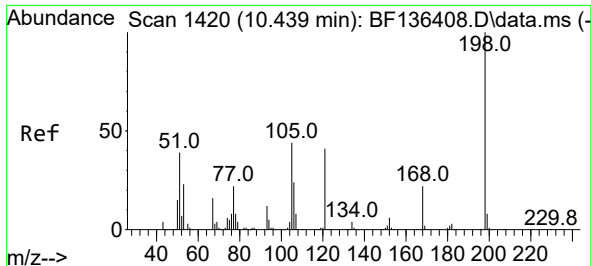
Tgt Ion: 77	Resp: 397684
Ion Ratio	Lower Upper
77 100	
182 26.7	10.8 50.8
105 22.7	2.6 42.6
51 27.8	6.2 46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Tgt Ion:188	Resp: 260749
Ion Ratio	Lower Upper
188 100	
94 8.5	7.2 10.8
80 8.9	7.2 10.8





#65

4,6-Dinitro-2-methylphenol

Concen: 19.373 ng

RT: 10.433 min Scan# 1420

Delta R.T. -0.006 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

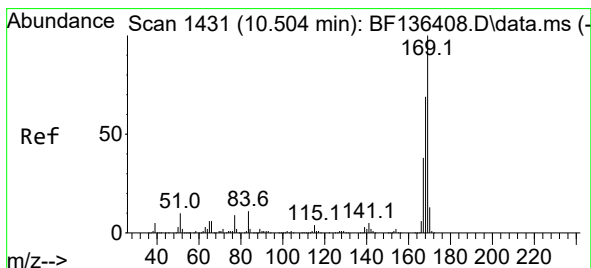
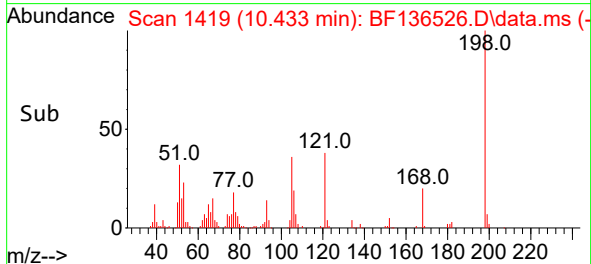
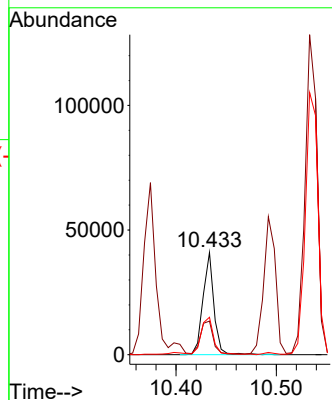
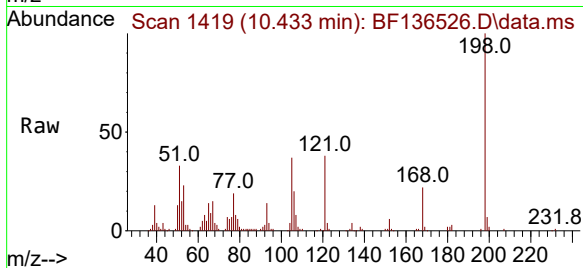
Tgt Ion:198 Resp: 31284

Ion Ratio Lower Upper

198 100

51 32.9 24.1 64.1

105 36.6 24.8 64.8



#66

n-Nitrosodiphenylamine

Concen: 46.900 ng

RT: 10.498 min Scan# 1430

Delta R.T. -0.006 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

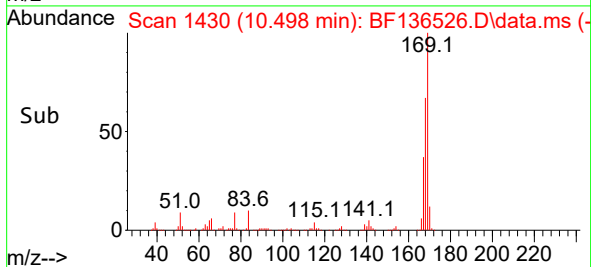
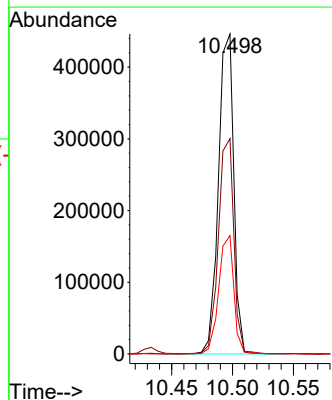
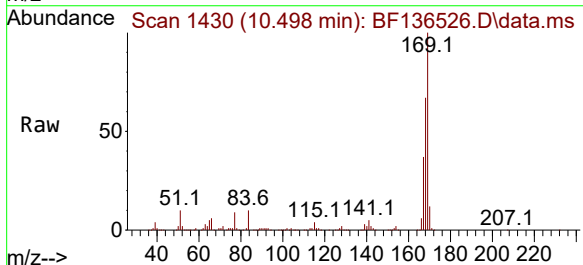
Tgt Ion:169 Resp: 392405

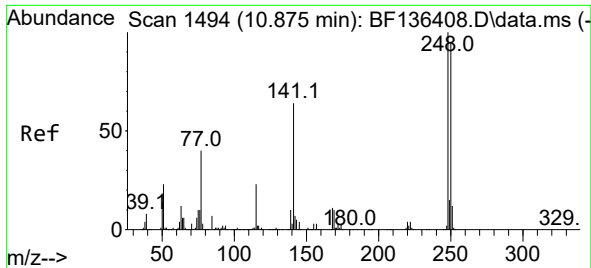
Ion Ratio Lower Upper

169 100

168 67.3 55.3 82.9

167 37.0 30.1 45.1

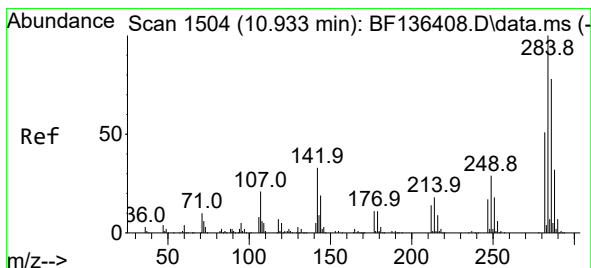
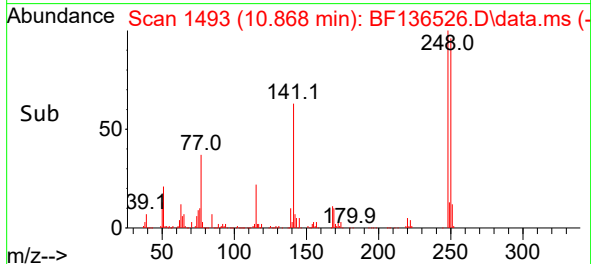
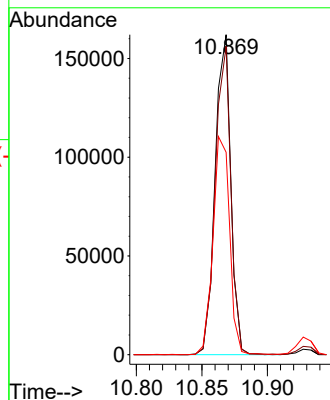
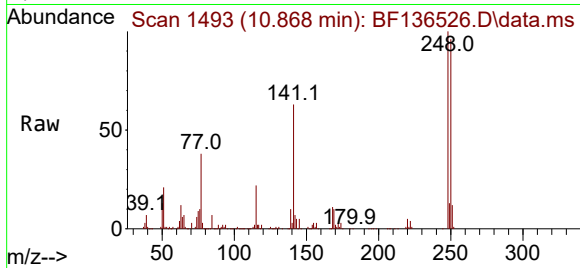




#67
4-Bromophenyl-phenylether
Concen: 44.314 ng
RT: 10.868 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

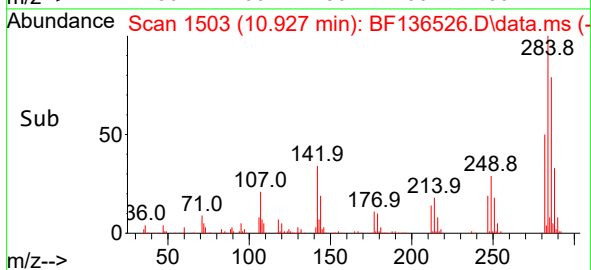
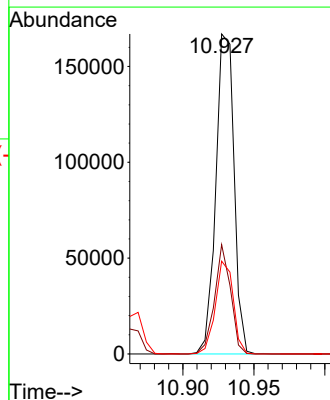
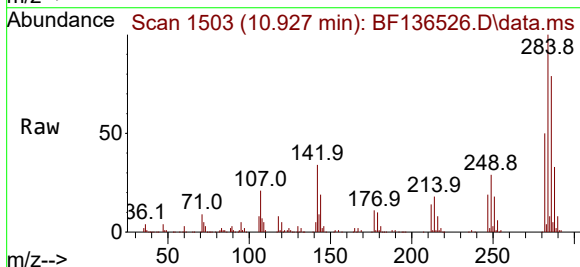
Instrument :
BNA_F
ClientSampleId :
WC-2MSD

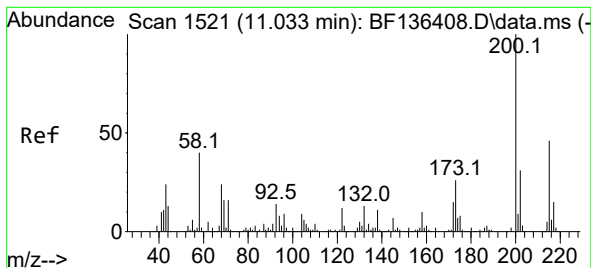
Tgt Ion:248 Resp: 134344
Ion Ratio Lower Upper
248 100
250 96.4 76.2 114.2
141 63.2 51.0 76.4



#68
Hexachlorobenzene
Concen: 42.625 ng
RT: 10.927 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Tgt Ion:284 Resp: 149353
Ion Ratio Lower Upper
284 100
142 34.1 26.5 39.7
249 29.0 23.4 35.0





#69

Atrazine

Concen: 53.219 ng

RT: 11.027 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

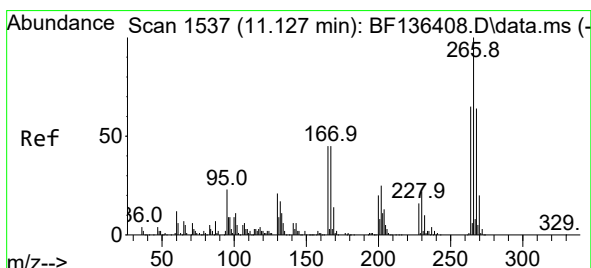
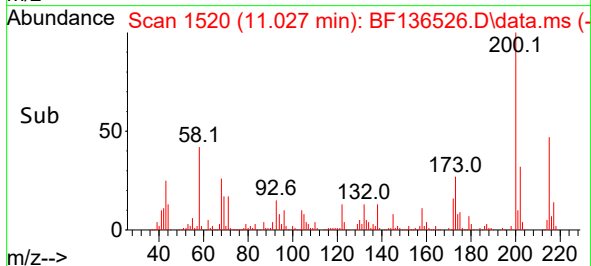
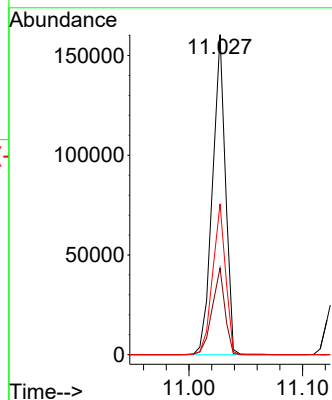
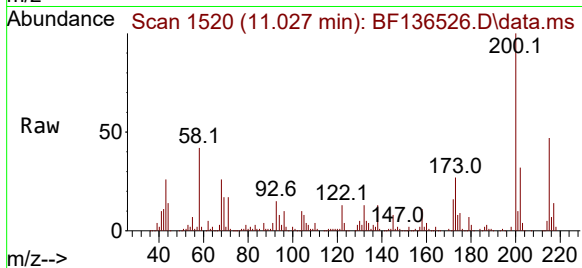
Tgt Ion:200 Resp: 127089

Ion Ratio Lower Upper

200 100

173 27.1 6.0 46.0

215 47.2 25.5 65.5



#70

Pentachlorophenol

Concen: 77.732 ng

RT: 11.127 min Scan# 1537

Delta R.T. -0.000 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

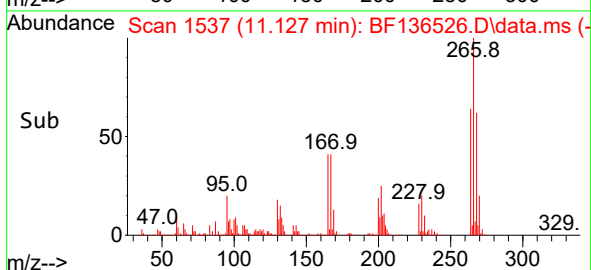
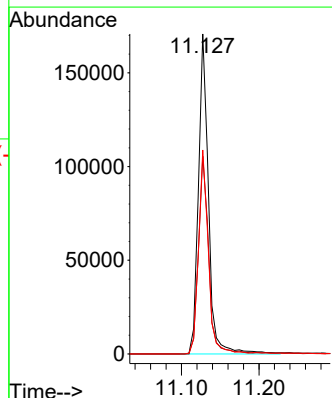
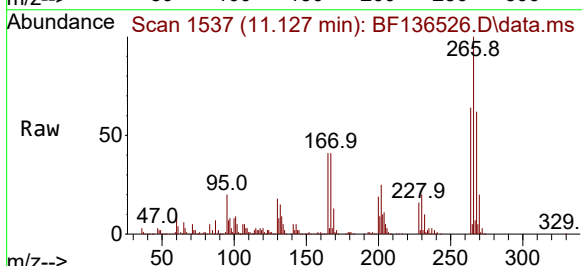
Tgt Ion:266 Resp: 153717

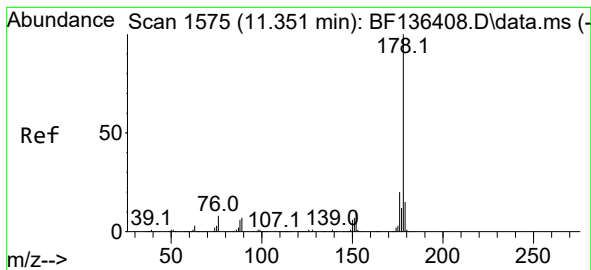
Ion Ratio Lower Upper

266 100

268 61.8 51.0 76.6

264 63.7 52.2 78.4





#71

Phenanthrene

Concen: 46.640 ng

RT: 11.345 min Scan# 1574

Delta R.T. -0.006 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

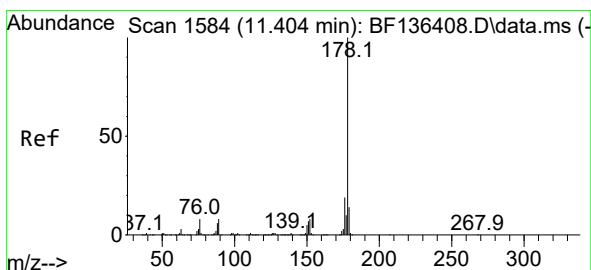
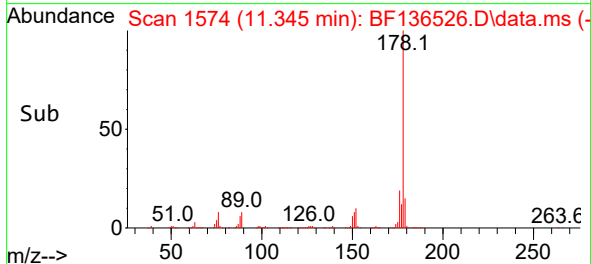
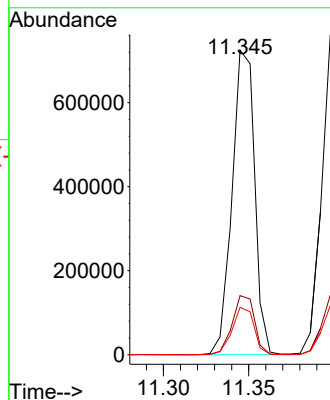
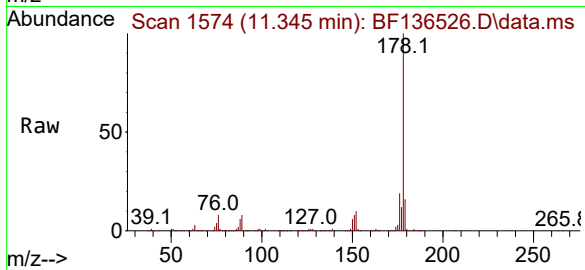
Tgt Ion:178 Resp: 668440

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

179 15.5 11.8 17.6



#72

Anthracene

Concen: 44.082 ng

RT: 11.398 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

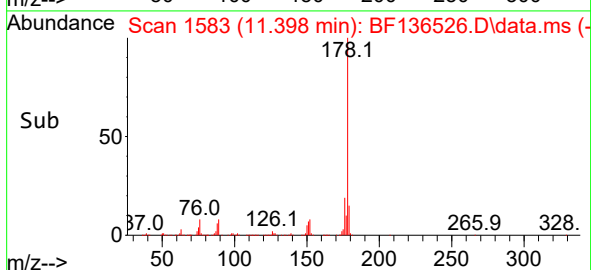
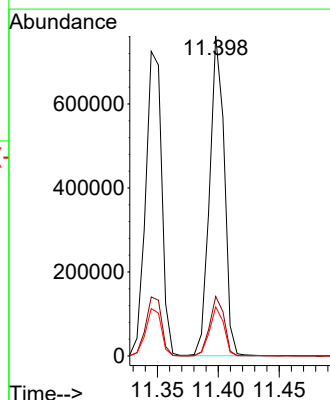
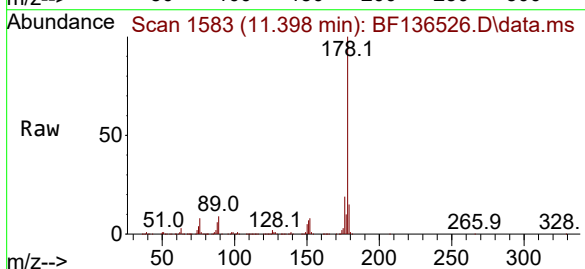
Tgt Ion:178 Resp: 636334

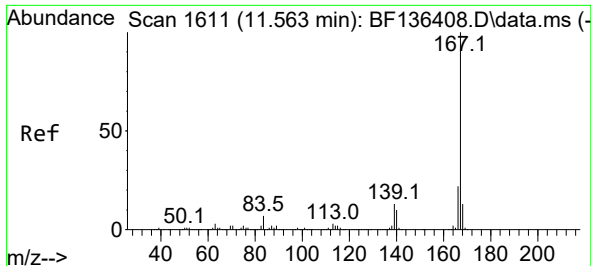
Ion Ratio Lower Upper

178 100

176 18.6 15.3 22.9

179 15.4 11.4 17.0

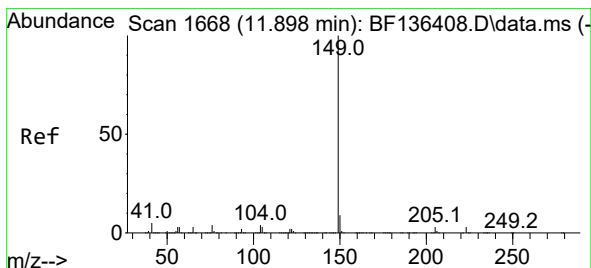
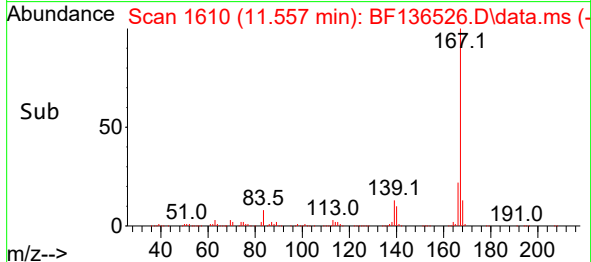
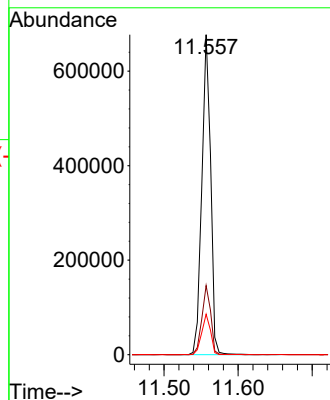
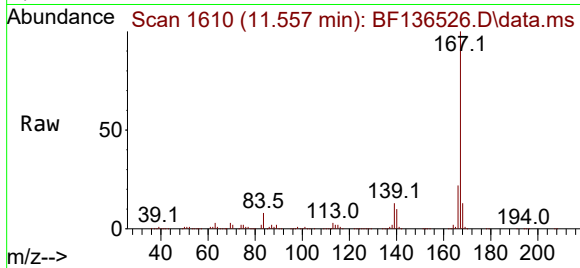




#73
Carbazole
Concen: 43.557 ng
RT: 11.557 min Scan# 1610
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

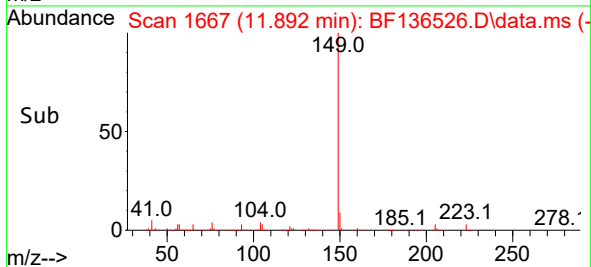
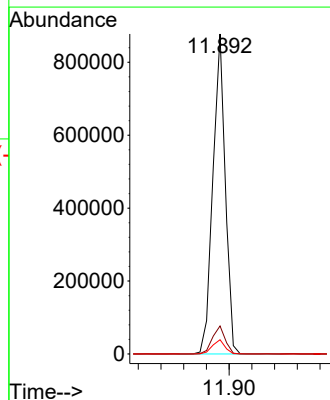
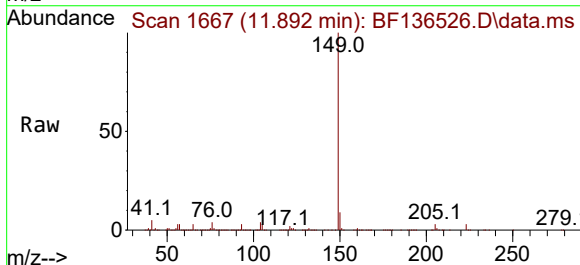
Instrument :
BNA_F
ClientSampleId :
WC-2MSD

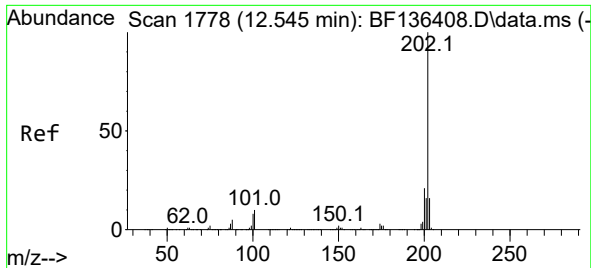
Tgt Ion:167 Resp: 556507
Ion Ratio Lower Upper
167 100
166 21.6 18.0 27.0
139 12.6 10.2 15.4



#74
Di-n-butylphthalate
Concen: 42.290 ng
RT: 11.892 min Scan# 1667
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Tgt Ion:149 Resp: 662380
Ion Ratio Lower Upper
149 100
150 8.8 6.9 10.3
104 4.5 3.5 5.3

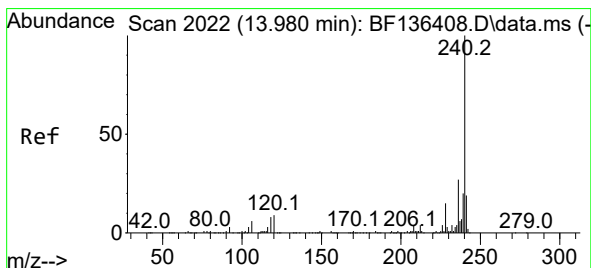
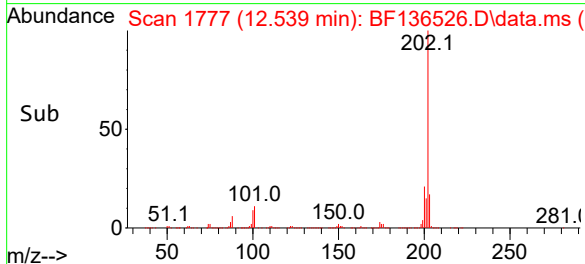
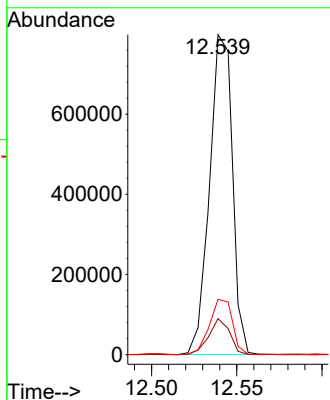
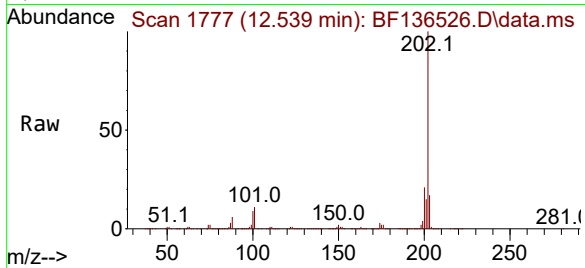




#75
Fluoranthene
Concen: 49.626 ng
RT: 12.539 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

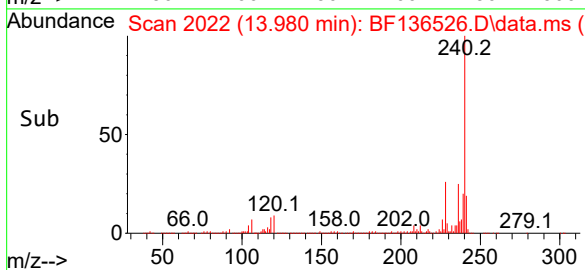
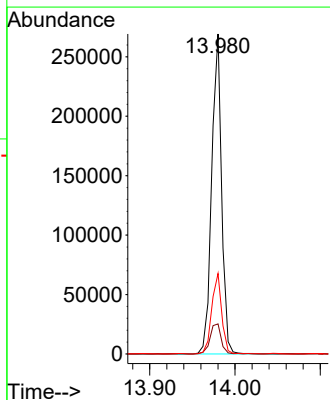
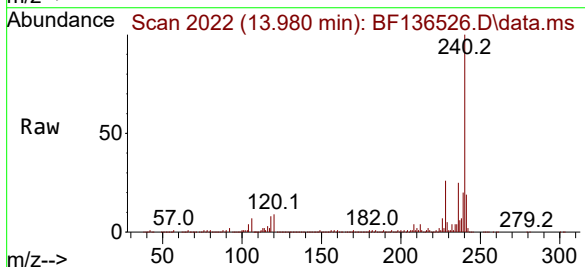
Instrument :
BNA_F
ClientSampleId :
WC-2MSD

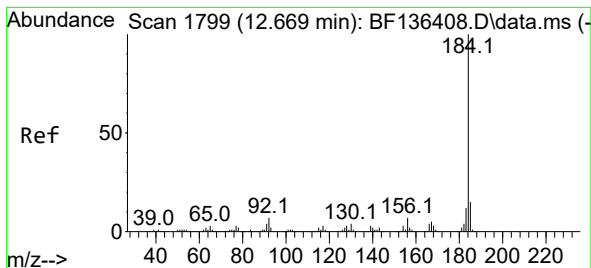
Tgt Ion:202 Resp: 745332
Ion Ratio Lower Upper
202 100
101 11.3 0.0 29.9
203 17.3 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Tgt Ion:240 Resp: 217430
Ion Ratio Lower Upper
240 100
120 9.4 7.3 10.9
236 25.1 21.3 31.9





#77

Benzidine

Concen: 53.222 ng

RT: 12.668 min Scan# 1799

Delta R.T. -0.001 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

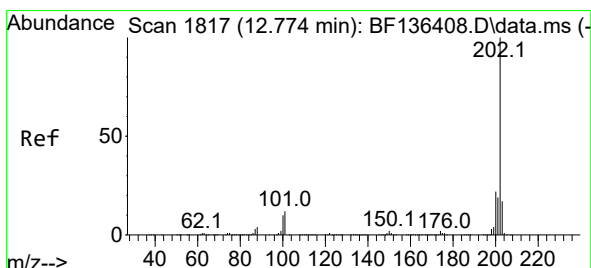
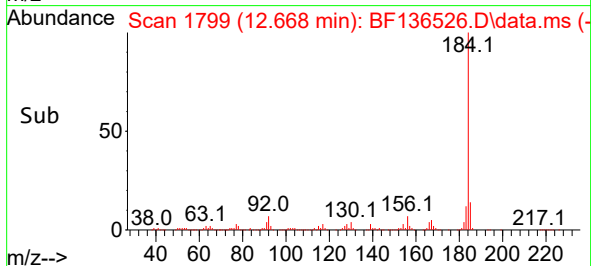
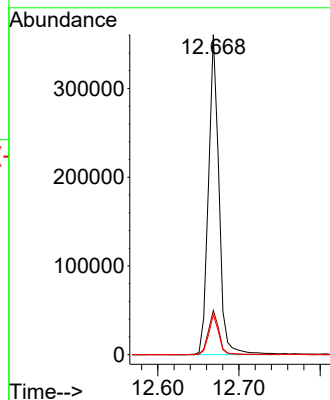
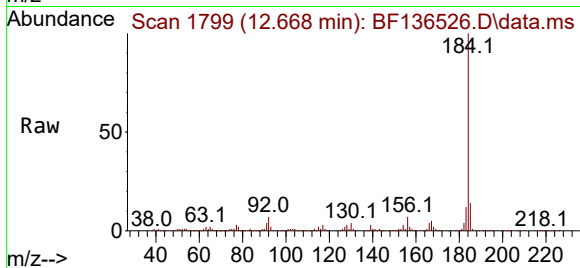
Tgt Ion:184 Resp: 323609

Ion Ratio Lower Upper

184 100

185 13.8 12.0 18.0

183 12.5 9.4 14.0



#78

Pyrene

Concen: 36.059 ng

RT: 12.774 min Scan# 1817

Delta R.T. -0.000 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

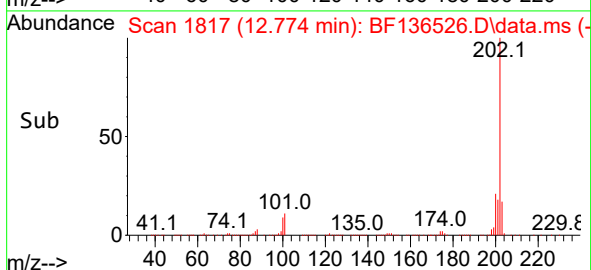
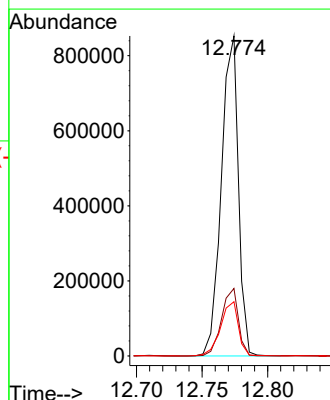
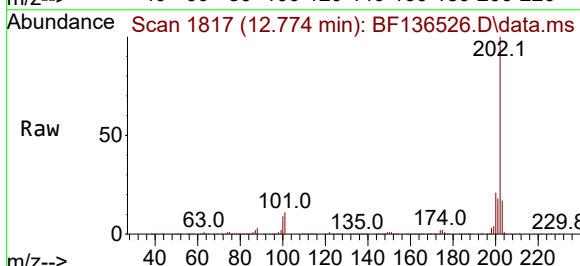
Tgt Ion:202 Resp: 767857

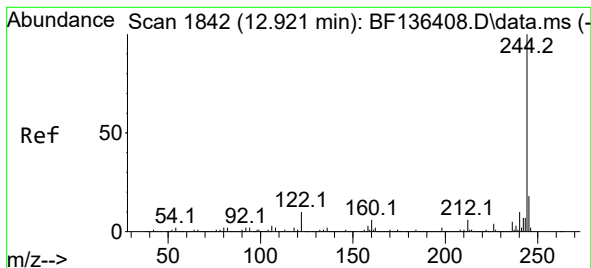
Ion Ratio Lower Upper

202 100

200 21.1 18.0 27.0

203 17.0 13.5 20.3





#79

Terphenyl-d14

Concen: 42.555 ng

RT: 12.915 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

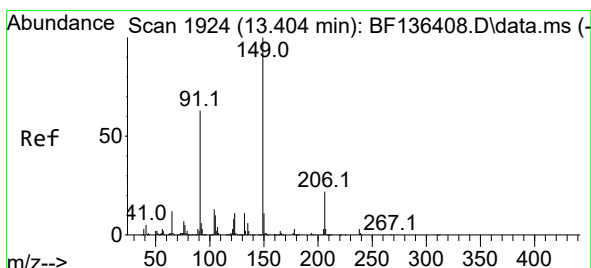
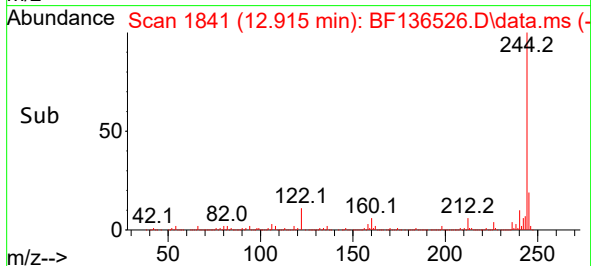
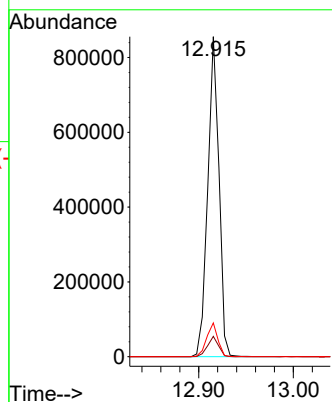
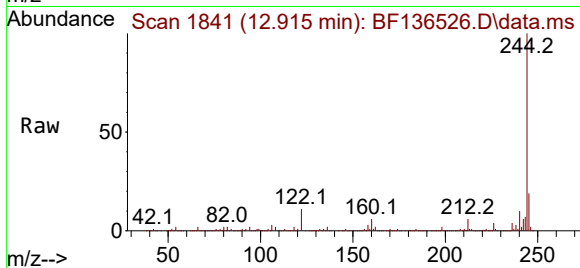
Tgt Ion:244 Resp: 702012

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

122 10.5 8.3 12.5



#80

Butylbenzylphthalate

Concen: 35.773 ng

RT: 13.398 min Scan# 1923

Delta R.T. -0.006 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

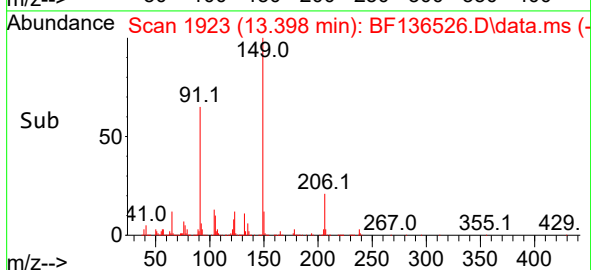
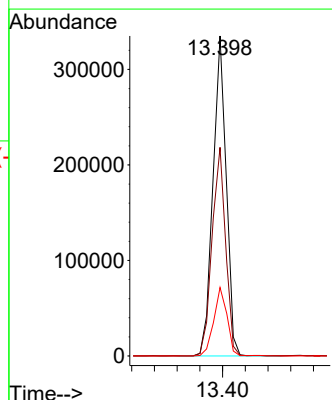
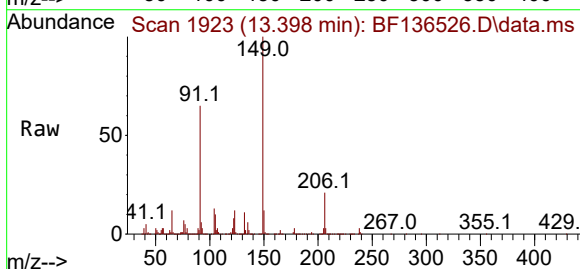
Tgt Ion:149 Resp: 271170

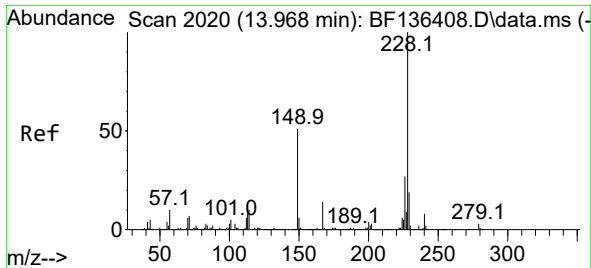
Ion Ratio Lower Upper

149 100

91 65.2 50.5 75.7

206 21.4 17.4 26.2

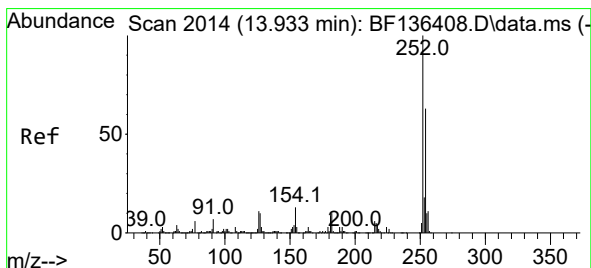
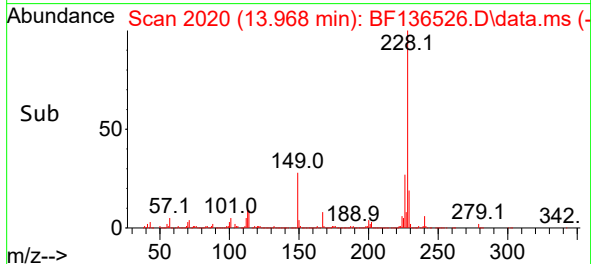
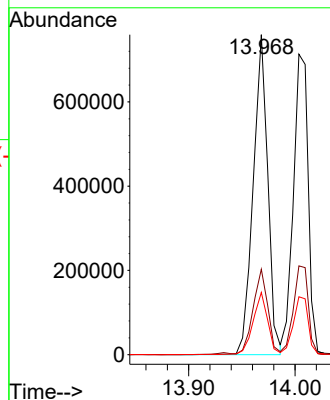
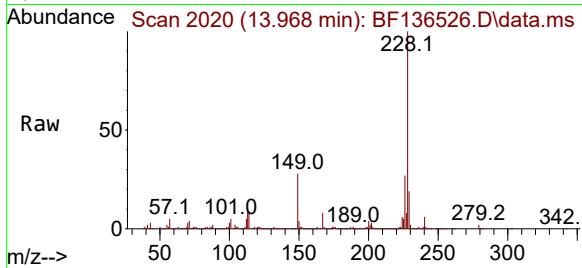




#81
Benzo(a)anthracene
Concen: 47.653 ng
RT: 13.968 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

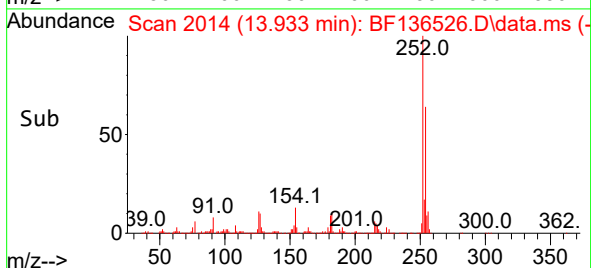
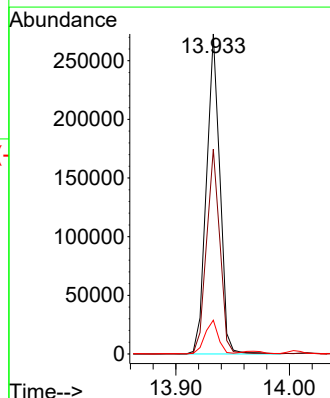
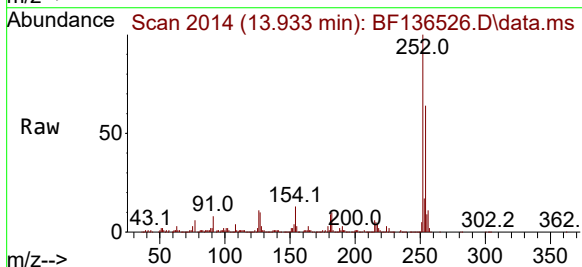
Instrument :
BNA_F
ClientSampleId :
WC-2MSD

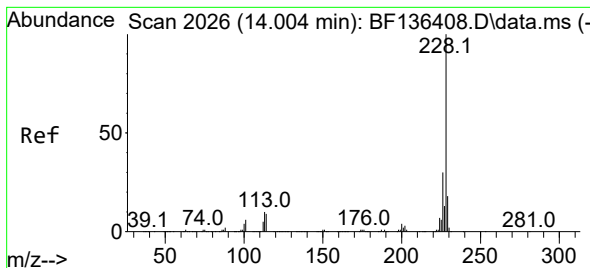
Tgt Ion:228 Resp: 721721
Ion Ratio Lower Upper
228 100
226 26.7 21.8 32.8
229 19.4 15.0 22.4



#82
3,3'-Dichlorobenzidine
Concen: 52.708 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF136526.D
Acq: 12 Dec 2023 20:31

Tgt Ion:252 Resp: 223822
Ion Ratio Lower Upper
252 100
254 64.0 50.8 76.2
126 10.6 8.6 12.8





#83

Chrysene

Concen: 46.177 ng

RT: 14.004 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

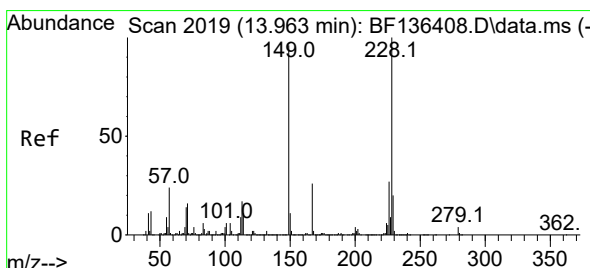
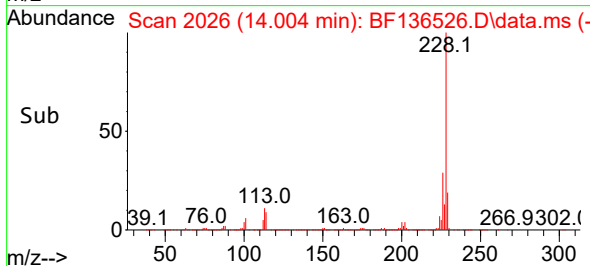
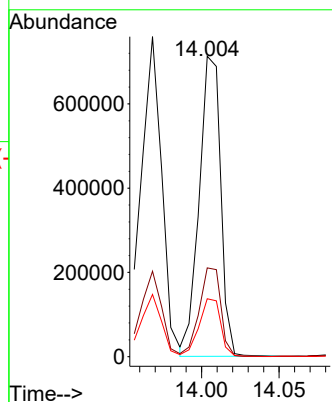
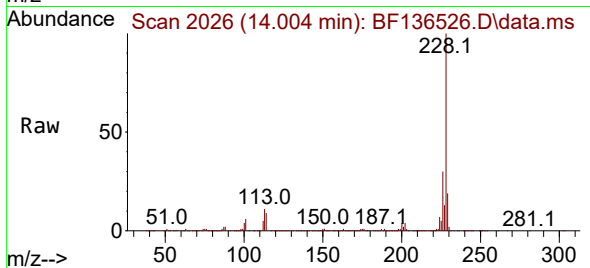
Tgt Ion:228 Resp: 688077

Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.6

229 19.3 14.8 22.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.070 ng

RT: 13.962 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

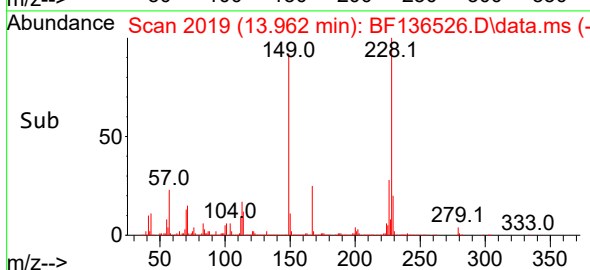
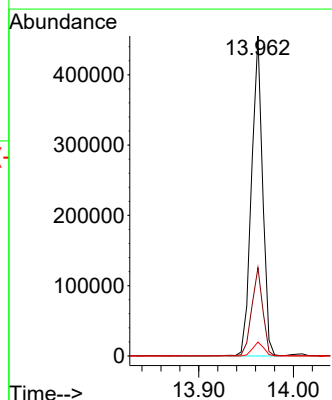
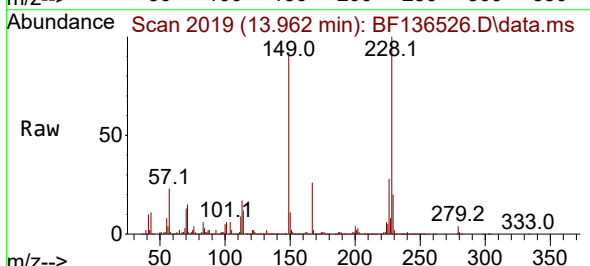
Tgt Ion:149 Resp: 372366

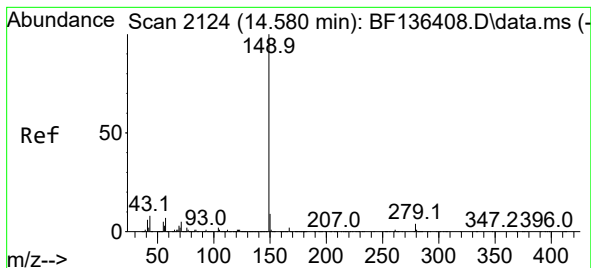
Ion Ratio Lower Upper

149 100

167 27.6 21.2 31.8

279 4.3 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 51.324 ng

RT: 14.580 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

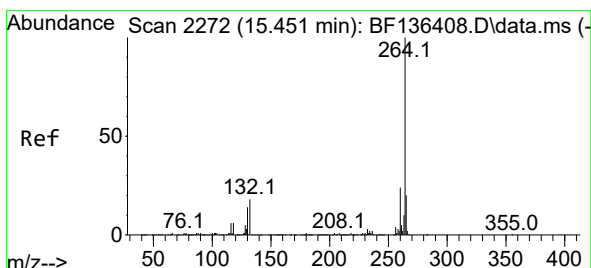
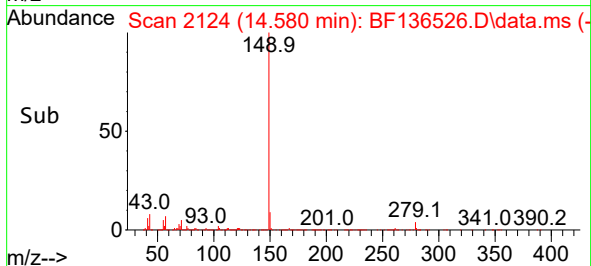
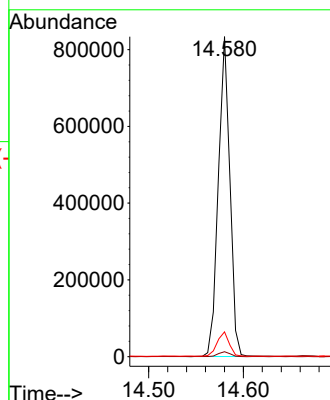
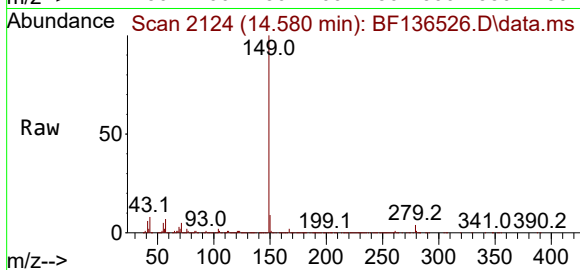
Tgt Ion:149 Resp: 704496

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.9 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.456 min Scan# 2273

Delta R.T. 0.006 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

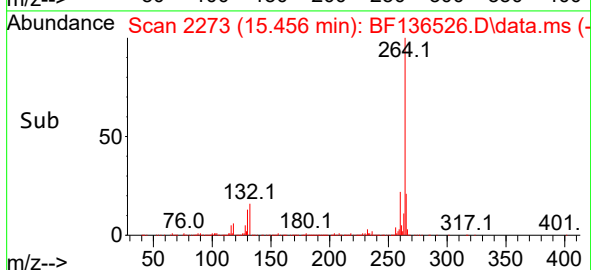
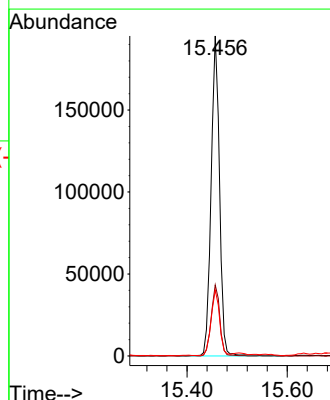
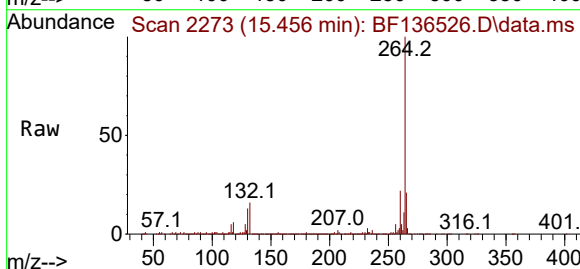
Tgt Ion:264 Resp: 227507

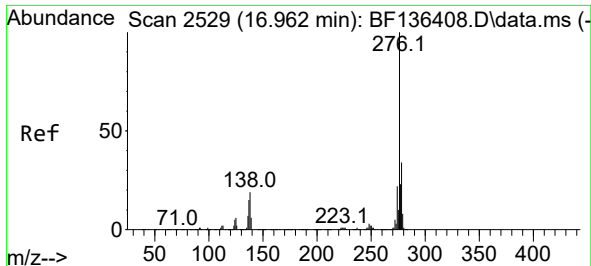
Ion Ratio Lower Upper

264 100

260 22.2 19.2 28.8

265 20.6 15.9 23.9

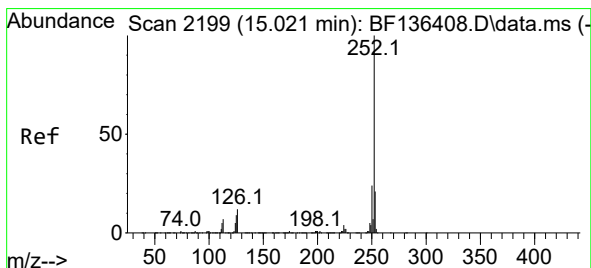
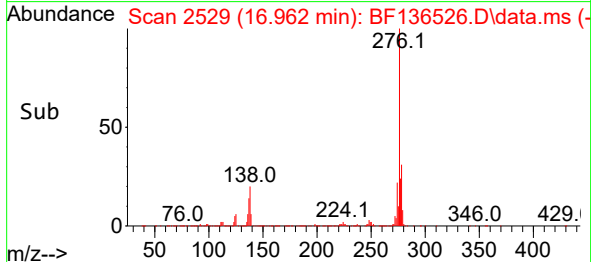
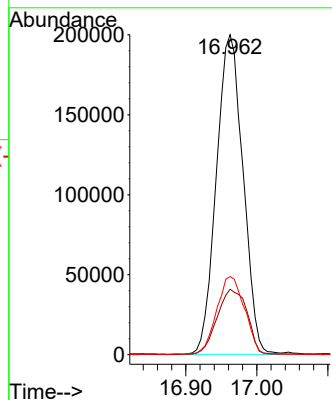
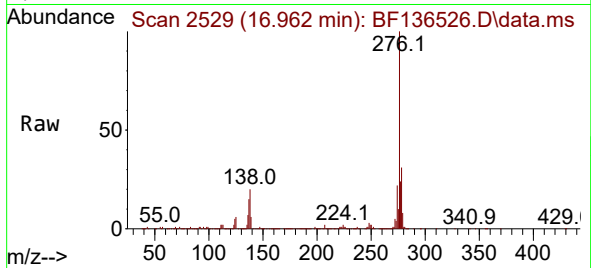




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 32.973 ng
 RT: 16.962 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF136526.D
 Acq: 12 Dec 2023 20:31

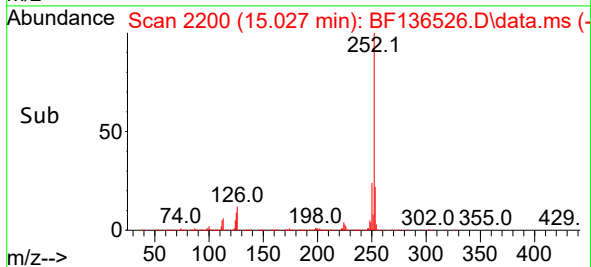
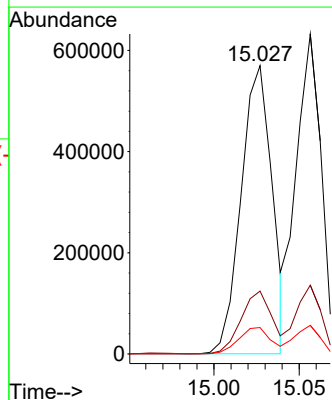
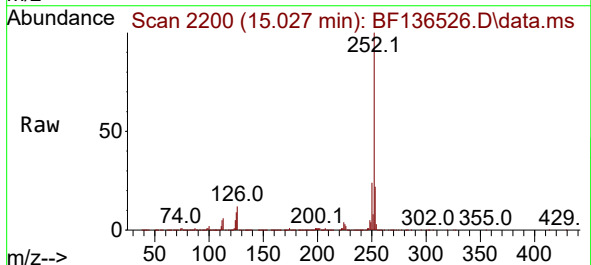
Instrument :
 BNA_F
 ClientSampleId :
 WC-2MSD

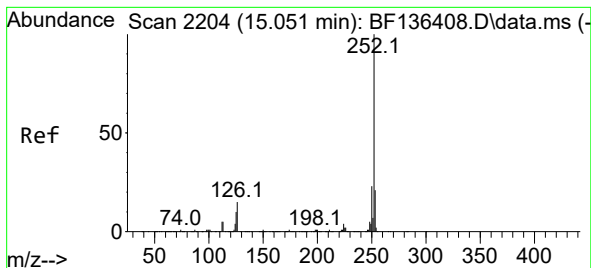
Tgt Ion:276 Resp: 521157
 Ion Ratio Lower Upper
 276 100
 138 22.6 19.0 28.4
 277 25.5 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 46.346 ng
 RT: 15.027 min Scan# 2200
 Delta R.T. 0.006 min
 Lab File: BF136526.D
 Acq: 12 Dec 2023 20:31

Tgt Ion:252 Resp: 720930
 Ion Ratio Lower Upper
 252 100
 253 21.8 16.9 25.3
 125 9.2 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 44.155 ng

RT: 15.056 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

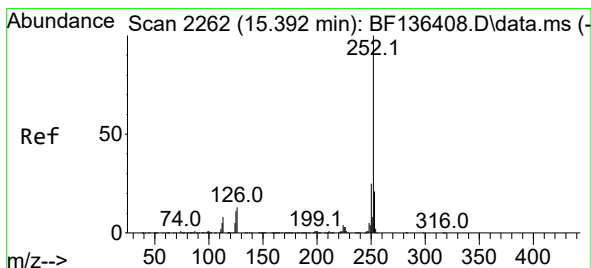
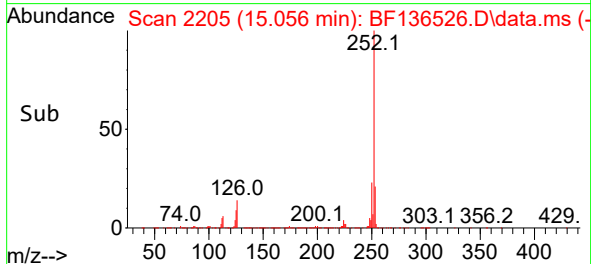
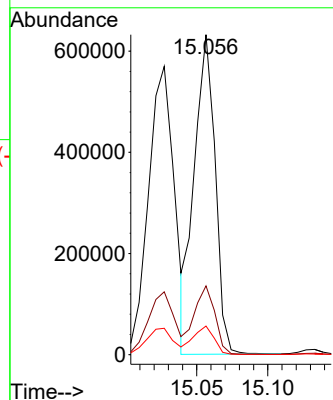
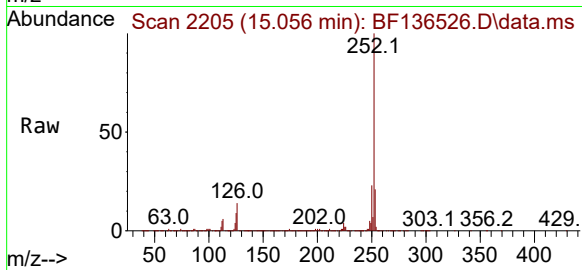
Tgt Ion:252 Resp: 647291

Ion Ratio Lower Upper

252 100

253 21.5 16.9 25.3

125 9.0 7.5 11.3



#90

Benzo(a)pyrene

Concen: 46.125 ng

RT: 15.398 min Scan# 2263

Delta R.T. 0.006 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

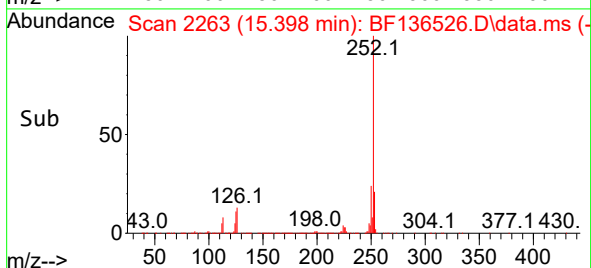
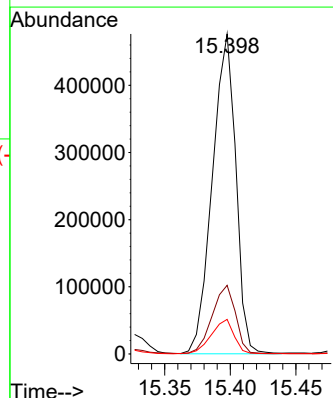
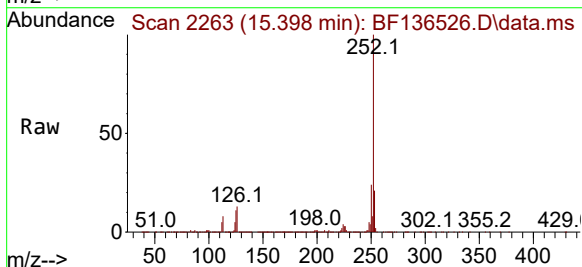
Tgt Ion:252 Resp: 592535

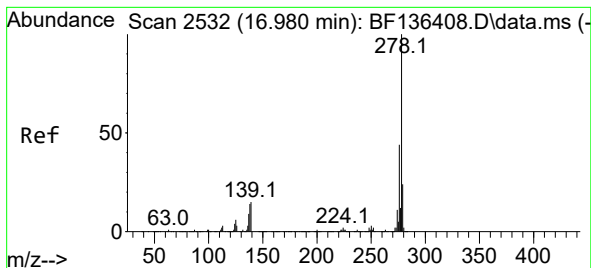
Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.4

125 10.8 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 32.698 ng

RT: 16.986 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

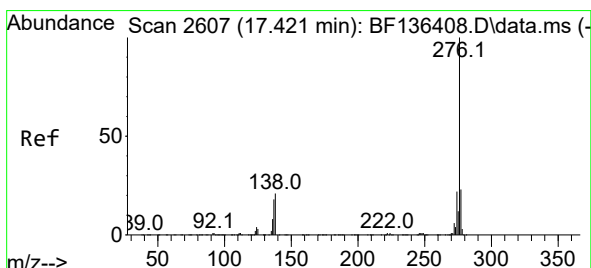
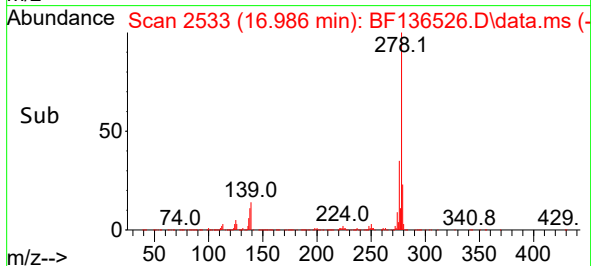
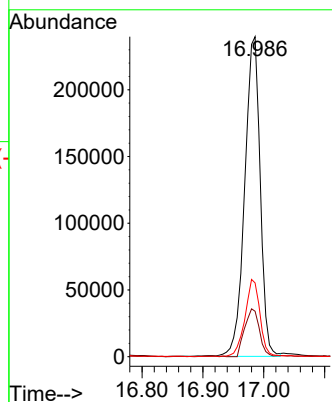
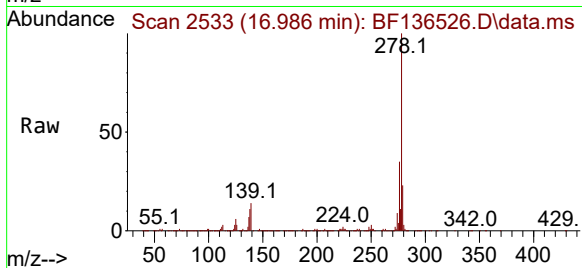
Tgt Ion:278 Resp: 423385

Ion Ratio Lower Upper

278 100

139 14.2 12.2 18.4

279 23.1 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 29.136 ng

RT: 17.415 min Scan# 2606

Delta R.T. -0.006 min

Lab File: BF136526.D

Acq: 12 Dec 2023 20:31

Tgt Ion:276 Resp: 387224

Ion Ratio Lower Upper

276 100

277 23.2 18.7 28.1

138 20.6 16.6 25.0

