

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
 Data File : BF136576.D
 Acq On : 14 Dec 2023 19:19
 Operator : CG\JU
 Sample : 05612-03MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 15 00:36:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	102213	20.000	ng	0.01
21) Naphthalene-d8	8.098	136	160711	20.000	ng	# 0.03
39) Acenaphthene-d10	9.827	164	175995	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	300375	20.000	ng	0.00
76) Chrysene-d12	13.968	240	224631	20.000	ng	0.00
86) Perylene-d12	15.445	264	268727	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	386819	55.890	ng	0.02
7) Phenol-d6	6.445	99	303576	35.156	ng	0.01
23) Nitrobenzene-d5	7.363	82	578695	194.663	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	244409	112.629	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1128805	87.517	ng	0.00
79) Terphenyl-d14	12.910	244	1137712	66.756	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	50824	18.566	ng	98
3) Pyridine	3.346	79	109263	16.481	ng	94
4) n-Nitrosodimethylamine	3.287	42	56891	19.752	ng	98
6) Aniline	6.463	93	183696	21.050	ng	# 76
8) 2-Chlorophenol	6.586	128	266411	35.259	ng	99
9) Benzaldehyde	6.351	77	240410	62.861	ng	# 1
10) Phenol	6.457	94	129476	14.091	ng	# 66
11) bis(2-Chloroethyl)ether	6.539	93	292249	42.670	ng	98
12) 1,3-Dichlorobenzene	6.734	146	287361	33.818	ng	98
13) 1,4-Dichlorobenzene	6.816	146	293522	34.052	ng	99
14) 1,2-Dichlorobenzene	6.816	146	293522	36.212	ng	98
15) Benzyl Alcohol	6.963	79	165896	28.690	ng	# 86
16) 2,2'-oxybis(1-Chloropr...	7.075	45	312905	35.522	ng	97
17) 2-Methylphenol	7.057	107	156828	25.691	ng	94
18) Hexachloroethane	7.298	117	117987	39.206	ng	96
19) n-Nitroso-di-n-propyla...	7.204	70	121633	24.418	ng	94
20) 3+4-Methylphenols	7.216	107	195804	25.842	ng	93
22) Acetophenone	7.204	105	491000	123.722	ng	# 95
24) Nitrobenzene	7.375	77	327410	109.481	ng	98
25) Isophorone	7.604	82	69562	13.024	ng	97
26) 2-Nitrophenol	7.722	139	167704	114.067	ng	96
27) 2,4-Dimethylphenol	7.781	122	200741	110.731	ng	97
28) bis(2-Chloroethoxy)met...	7.828	93	35949	10.954	ng	94
29) 2,4-Dichlorophenol	7.939	162	16005	6.689	ng	91
30) 1,2,4-Trichlorobenzene	8.022	180	60980	21.855	ng	99
31) Naphthalene	8.204	128	37135612	4190.166	ng	# 92
32) Benzoic acid	7.869	122	38254	21.271	ng	# 1
33) 4-Chloroaniline	8.210	127	6372485	2016.876	ng	# 53
34) Hexachlorobutadiene	8.233	225	140505	84.968	ng	98
35) Caprolactam	8.528	113	14246	19.333	ng	# 76
36) 4-Chloro-3-methylphenol	8.645	107	207861	81.812	ng	96
37) 2-Methylnaphthalene	8.816	142	6150478	1090.843	ng	97
38) 1-Methylnaphthalene	8.916	142	4433787	801.376	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	264719	48.346	ng	99
41) Hexachlorocyclopentadiene	8.939	237	181210	89.331	ng	97
43) 2,4,6-Trichlorophenol	9.069	196	157871	44.281	ng	100

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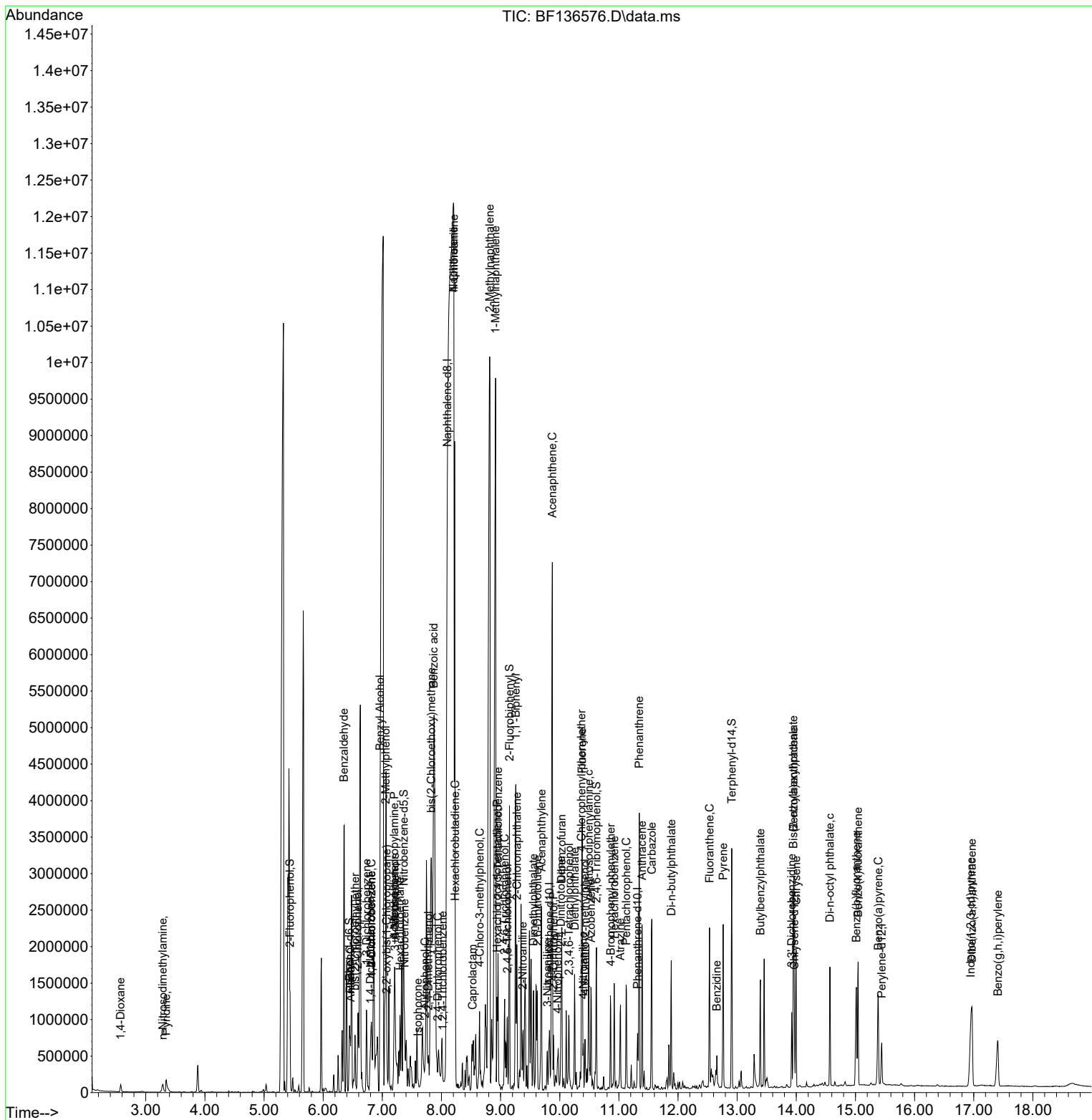
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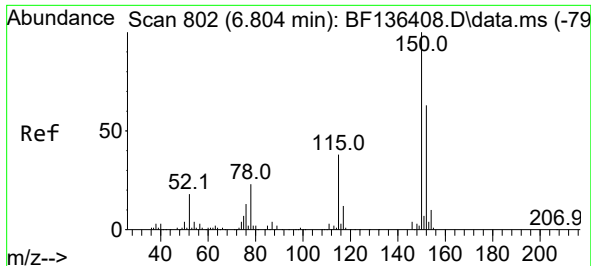
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	160754	40.399	ng	# 91
46) 1,1'-Biphenyl	9.257	154	1384371	92.443	ng	99
47) 2-Chloronaphthalene	9.275	162	512954	44.009	ng	97
48) 2-Nitroaniline	9.375	65	135925	43.481	ng	98
49) Acenaphthylene	9.692	152	867900	52.271	ng	97
50) Dimethylphthalate	9.557	163	597111	46.083	ng	98
51) 2,6-Dinitrotoluene	9.622	165	124190	42.603	ng	97
52) Acenaphthene	9.874	154	2048468	192.528	ng	98
53) 3-Nitroaniline	9.792	138	87970	29.552	ng	95
54) 2,4-Dinitrophenol	9.892	184	75957	51.537	ng	# 77
55) Dibenzofuran	10.033	168	767321	49.366	ng	98
56) 4-Nitrophenol	9.963	139	64302	28.815	ng	94
57) 2,4-Dinitrotoluene	10.022	165	167796	43.513	ng	98
58) Fluorene	10.380	166	994703	79.721	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	131890	41.379	ng	# 99
60) Diethylphthalate	10.251	149	541491	42.499	ng	99
61) 4-Chlorophenyl-phenylether	10.369	204	256717	42.205	ng	98
62) 4-Nitroaniline	10.398	138	121410	41.076	ng	96
63) Azobenzene	10.527	77	469657	40.497	ng	97
65) 4,6-Dinitro-2-methylph...	10.427	198	62770	33.743	ng	97
66) n-Nitrosodiphenylamine	10.492	169	466373	48.387	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	160411	45.932	ng	98
68) Hexachlorobenzene	10.921	284	181873	45.059	ng	97
69) Atrazine	11.027	200	153303	55.727	ng	99
70) Pentachlorophenol	11.127	266	190768	83.742	ng	99
71) Phenanthrene	11.345	178	1475368	89.362	ng	100
72) Anthracene	11.392	178	910916	54.778	ng	98
73) Carbazole	11.557	167	1001235	68.028	ng	99
74) Di-n-butylphthalate	11.886	149	829397	45.968	ng	99
75) Fluoranthene	12.533	202	844424	48.806	ng	97
77) Benzidine	12.657	184	139645	31.646	ng	98
78) Pyrene	12.763	202	885231	40.239	ng	98
80) Butylbenzylphthalate	13.392	149	329833	42.117	ng	100
81) Benzo(a)anthracene	13.957	228	723849	46.261	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	213529	48.672	ng	100
83) Chrysene	13.998	228	688951	44.753	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	441934	46.032	ng	99
85) Di-n-octyl phthalate	14.568	149	787140	55.507	ng	98
87) Indeno(1,2,3-cd)pyrene	16.951	276	756044	40.497	ng	99
88) Benzo(b)fluoranthene	15.015	252	765709	41.675	ng	100
89) Benzo(k)fluoranthene	15.045	252	684314	39.520	ng	99
90) Benzo(a)pyrene	15.386	252	663335	43.716	ng	97
91) Dibenzo(a,h)anthracene	16.968	278	631532	41.292	ng	99
92) Benzo(g,h,i)perylene	17.409	276	576350	36.714	ng	99

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

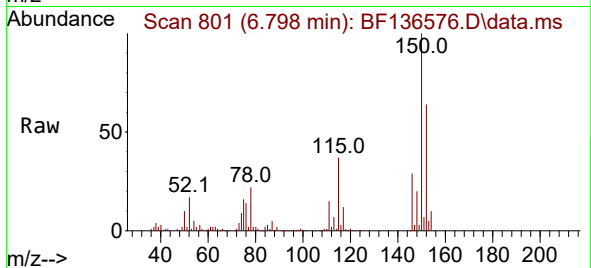
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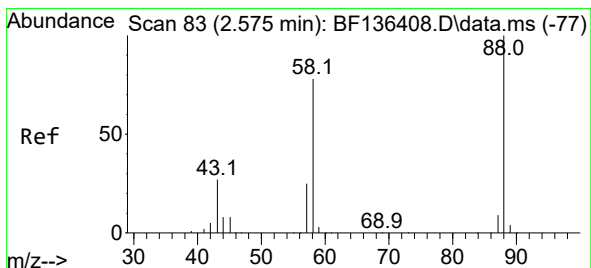
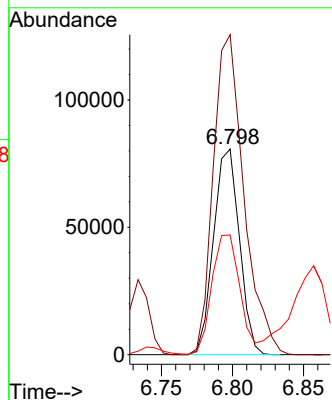
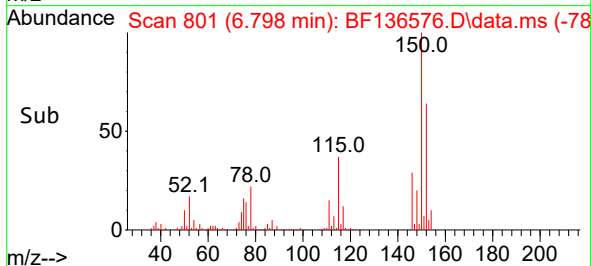


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. 0.011 min
 Lab File: BF136576.D
 Acq: 14 Dec 2023 19:19

Instrument :
 BNA_F
 ClientSampleId :

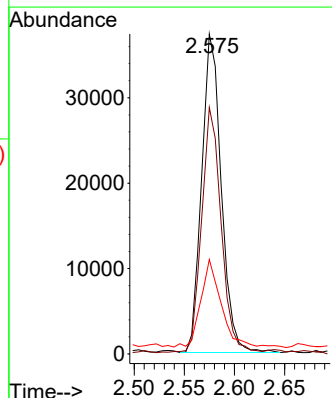
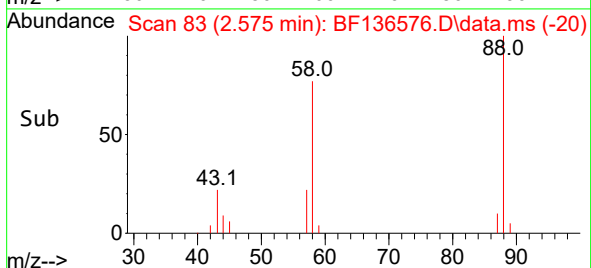
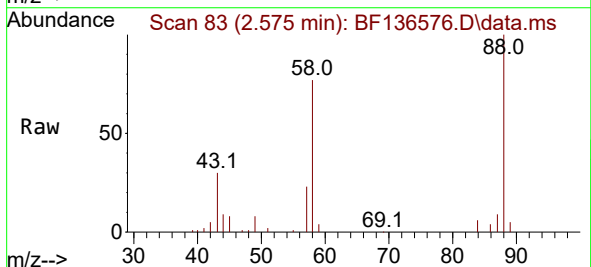


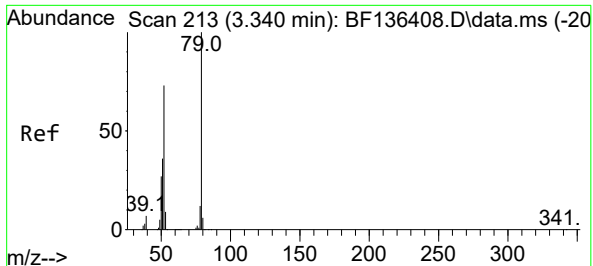
Tgt Ion:152 Resp: 102213
 Ion Ratio Lower Upper
 152 100
 150 155.6 126.4 189.6
 115 58.2 48.2 72.4



#2
 1,4-Dioxane
 Concen: 18.566 ng
 RT: 2.575 min Scan# 83
 Delta R.T. 0.023 min
 Lab File: BF136576.D
 Acq: 14 Dec 2023 19:19

Tgt Ion: 88 Resp: 50824
 Ion Ratio Lower Upper
 88 100
 58 76.6 62.2 93.2
 43 29.4 21.5 32.3

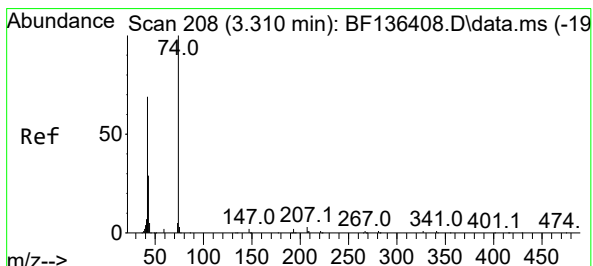
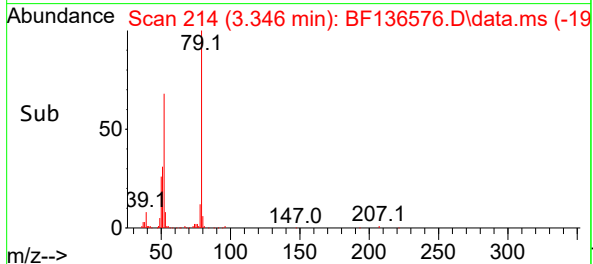
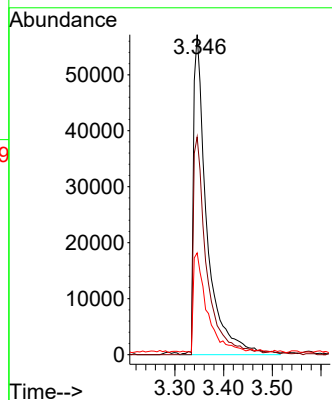
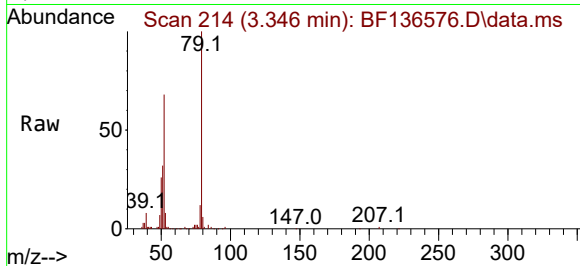




#3
 Pyridine
 Concen: 16.481 ng
 RT: 3.346 min Scan# 213
 Delta R.T. 0.035 min
 Lab File: BF136576.D
 Acq: 14 Dec 2023 19:19

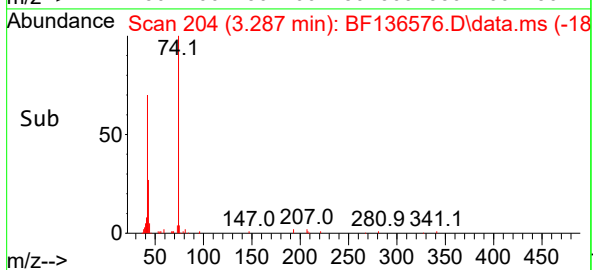
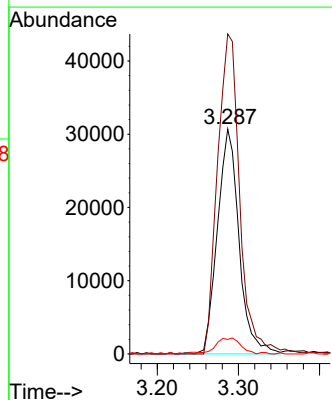
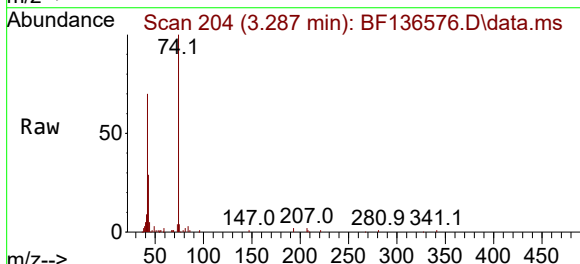
Instrument :
 BNA_F
 ClientSampleId :

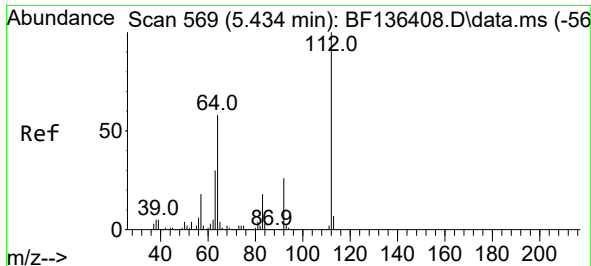
Tgt Ion: 79 Resp: 109263
 Ion Ratio Lower Upper
 79 100
 52 68.0 58.2 87.2
 51 31.8 29.1 43.7



#4
 n-Nitrosodimethylamine
 Concen: 19.752 ng
 RT: 3.287 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: BF136576.D
 Acq: 14 Dec 2023 19:19

Tgt Ion: 42 Resp: 56891
 Ion Ratio Lower Upper
 42 100
 74 142.3 115.4 173.0
 44 6.5 6.2 9.2

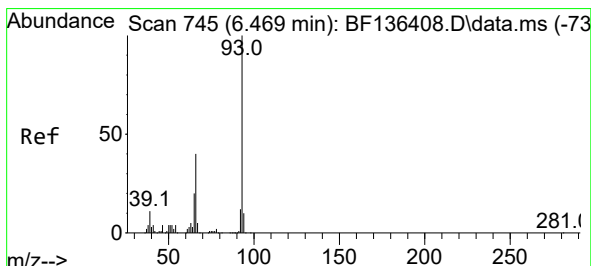
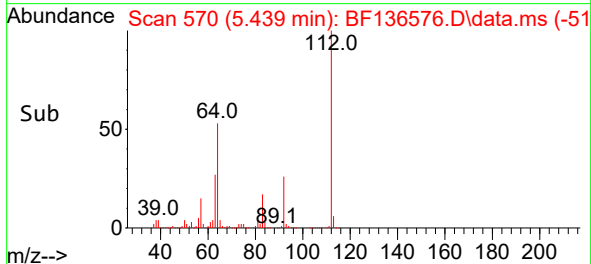
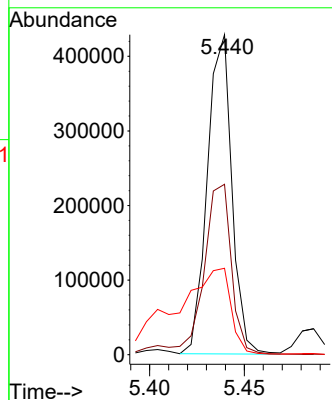
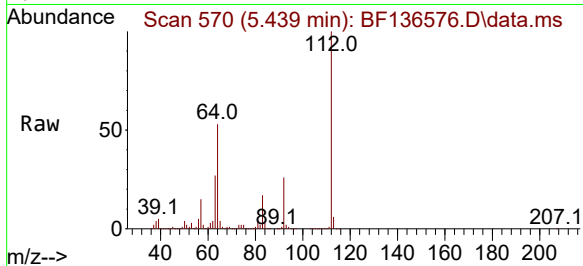




#5
2-Fluorophenol
Concen: 55.890 ng
RT: 5.439 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

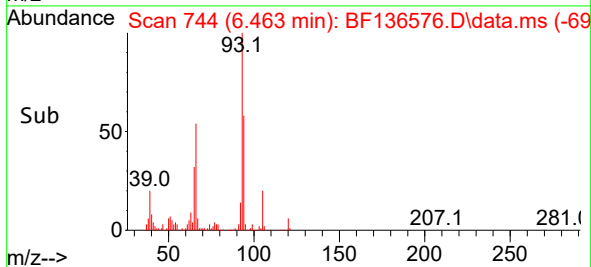
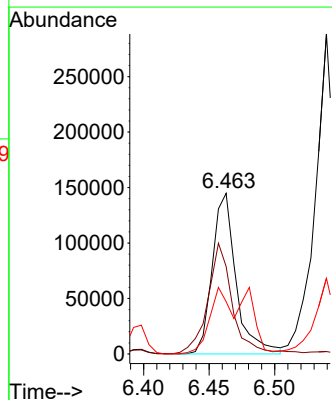
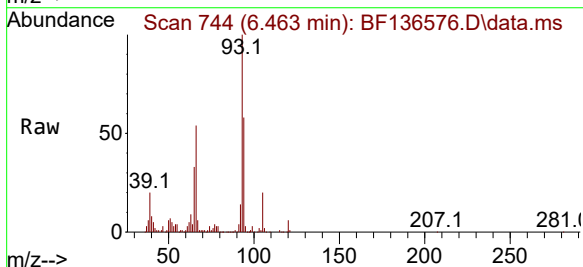
Instrument :
BNA_F
ClientSampleId :

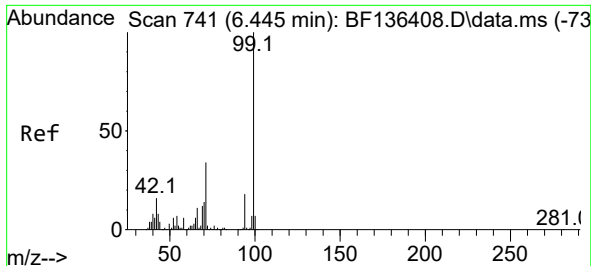
Tgt Ion:112 Resp: 386819
Ion Ratio Lower Upper
112 100
64 53.2 46.5 69.7
63 27.0 23.9 35.9



#6
Aniline
Concen: 21.050 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

Tgt Ion: 93 Resp: 183696
Ion Ratio Lower Upper
93 100
66 54.5 32.5 48.7#
65 32.6 16.4 24.6#

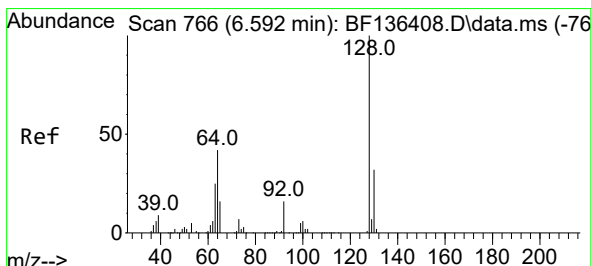
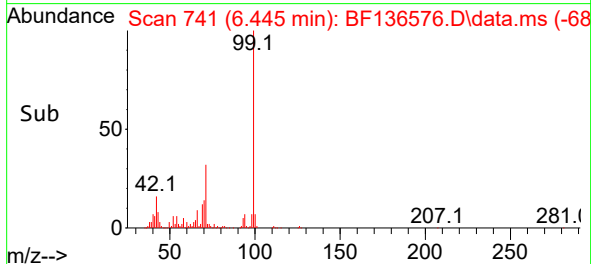
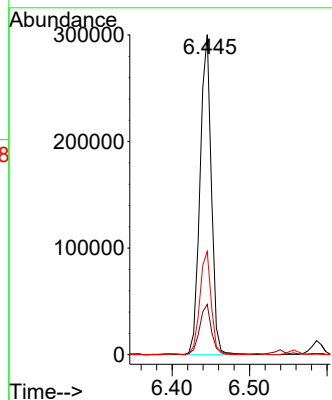
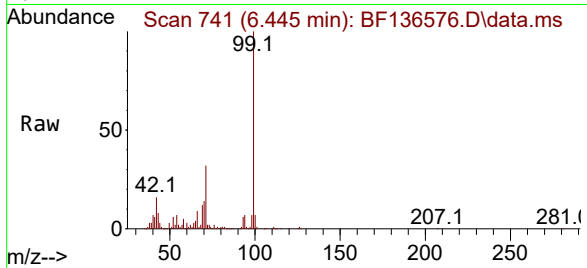




#7
Phenol-d6
Concen: 35.156 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.012 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

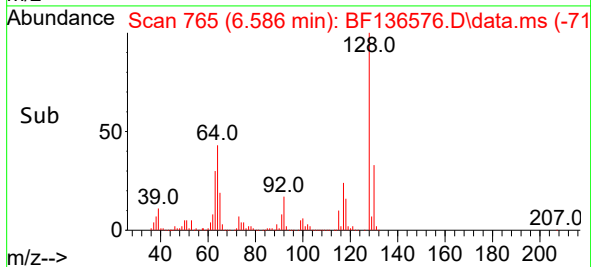
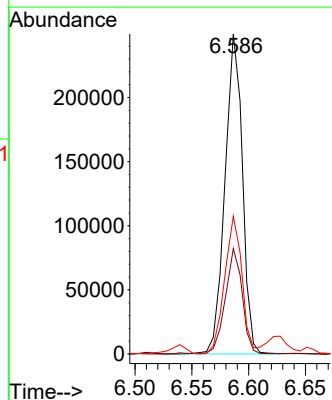
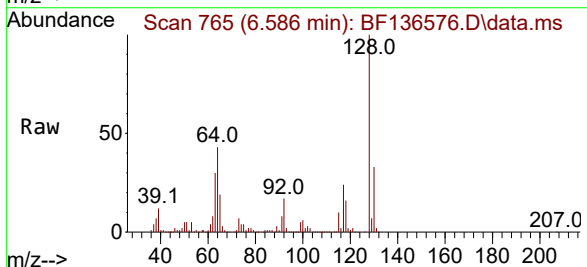
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BNA_F
ClientSampleId :

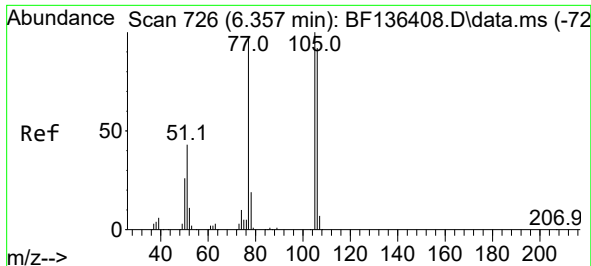
Tgt Ion: 99 Resp: 303576
Ion Ratio Lower Upper
99 100
42 15.7 12.8 19.2
71 32.3 27.0 40.4



#8
2-Chlorophenol
Concen: 35.259 ng
RT: 6.586 min Scan# 765
Delta R.T. 0.006 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

Tgt Ion:128 Resp: 266411
Ion Ratio Lower Upper
128 100
130 33.0 11.7 51.7
64 43.0 22.5 62.5





#9

Benzaldehyde

Concen: 62.861 ng

RT: 6.351 min Scan# 726

Delta R.T. 0.006 min

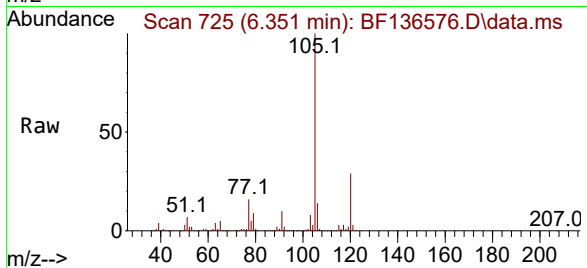
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Acq: 14 Dec 2023 19:19

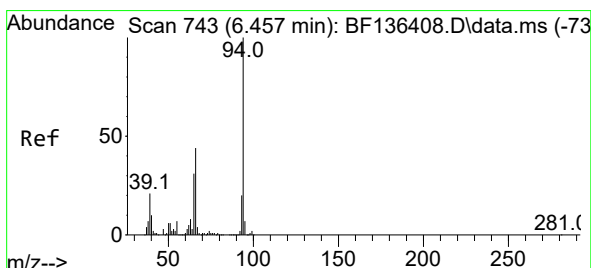
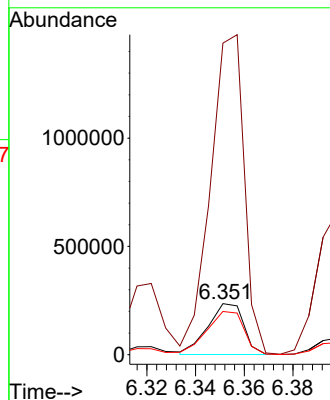
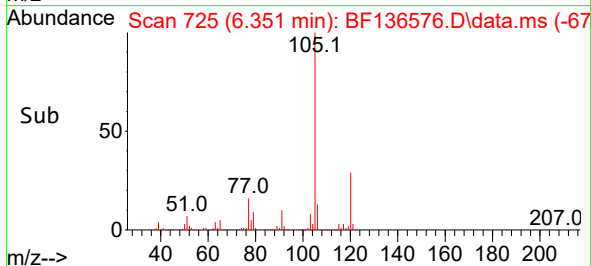
Instrument :

BNA_F

ClientSampleId :



Tgt Ion:	77	Resp:	240410
Ion	Ratio	Lower	Upper
77	100		
105	611.0	82.5	122.5#
106	84.6	74.5	114.5



#10

Phenol

Concen: 14.091 ng

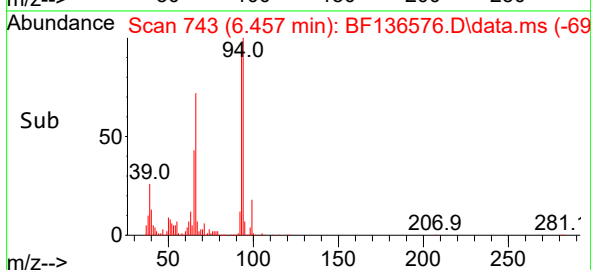
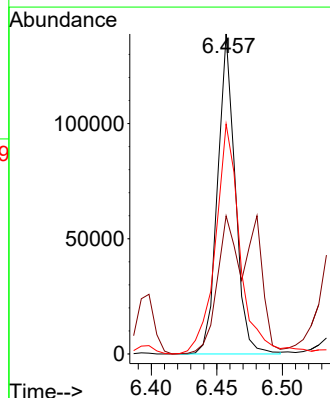
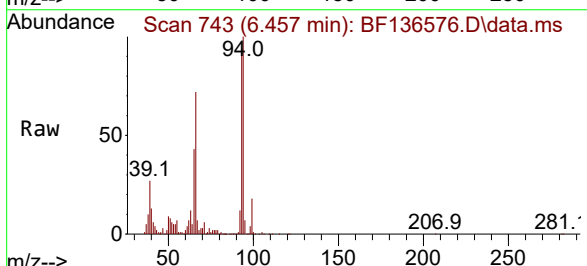
RT: 6.457 min Scan# 743

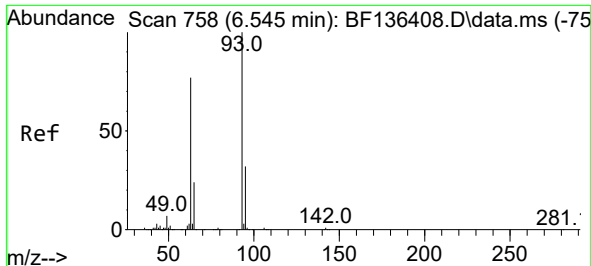
Delta R.T. 0.012 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

Tgt Ion:	94	Resp:	129476
Ion	Ratio	Lower	Upper
94	100		
65	43.2	11.2	51.2
66	71.9	24.2	64.2#





#11

bis(2-Chloroethyl)ether

Concen: 42.670 ng

RT: 6.539 min Scan# 70

Delta R.T. 0.006 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

Instrument :

BNA_F

ClientSampleId :

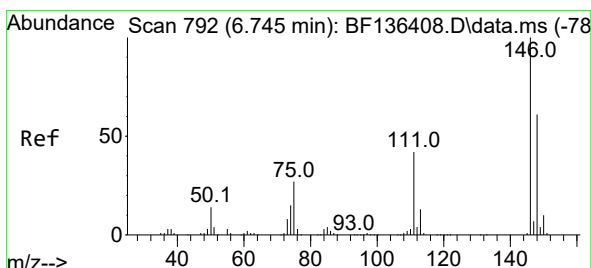
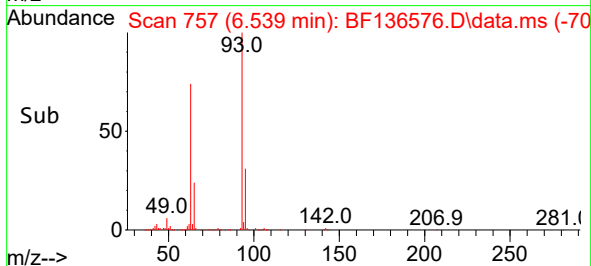
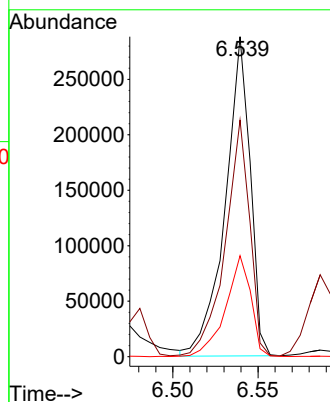
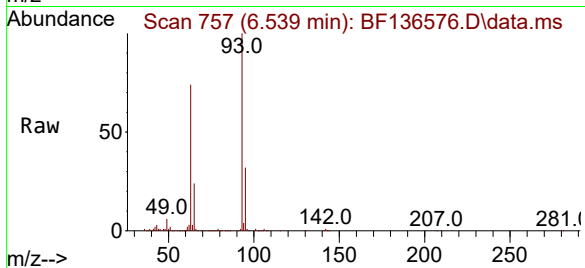
Tgt Ion: 93 Resp: 292249

Ion Ratio Lower Upper

93 100

63 73.9 56.8 96.8

95 31.6 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 33.818 ng

RT: 6.734 min Scan# 790

Delta R.T. 0.006 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

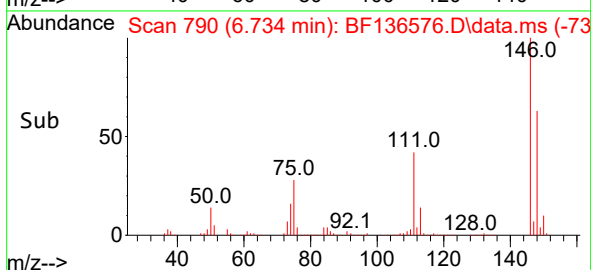
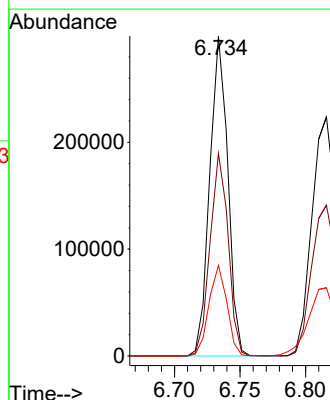
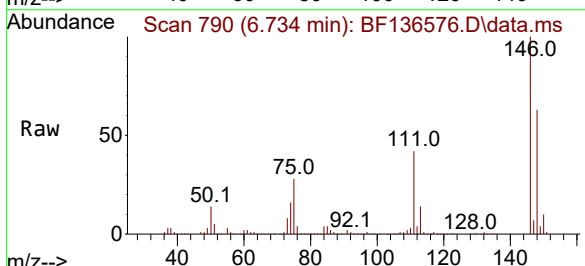
Tgt Ion:146 Resp: 287361

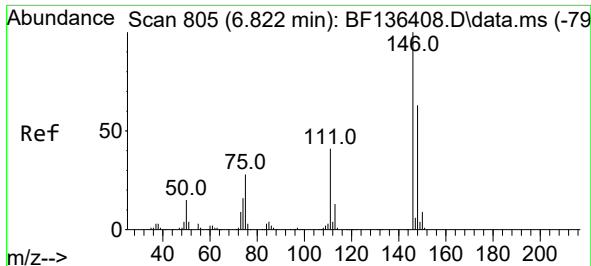
Ion Ratio Lower Upper

146 100

148 63.3 49.0 73.6

75 28.3 21.8 32.6





#13

1,4-Dichlorobenzene

Concen: 34.052 ng

RT: 6.816 min Scan# 804

Delta R.T. 0.012 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

Instrument :

BNA_F

ClientSampleId :

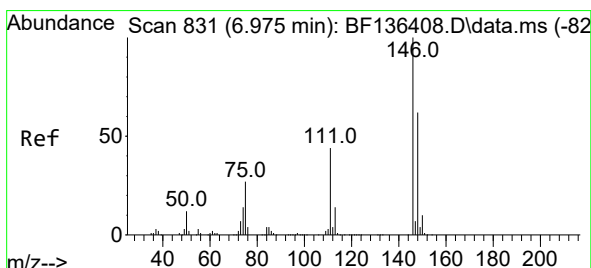
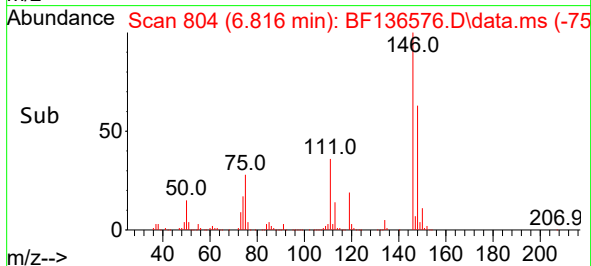
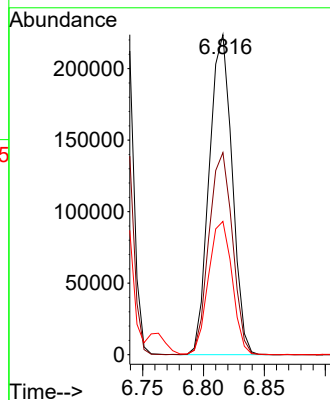
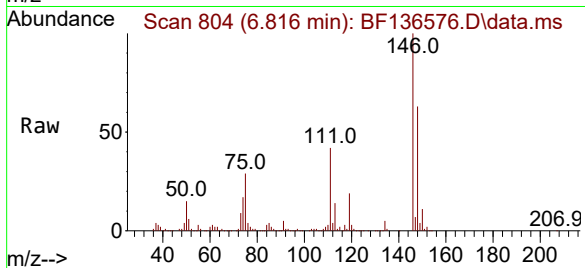
Tgt Ion:146 Resp: 293522

Ion Ratio Lower Upper

146 100

148 63.1 50.3 75.5

111 41.7 32.6 49.0



#14

1,2-Dichlorobenzene

Concen: 36.212 ng

RT: 6.816 min Scan# 804

Delta R.T. -0.141 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

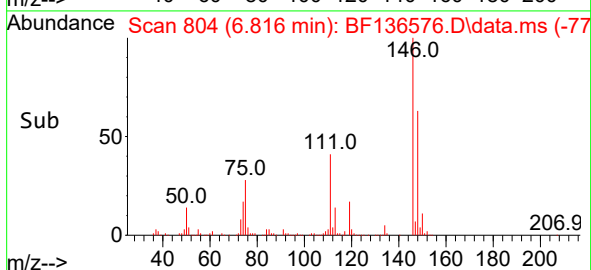
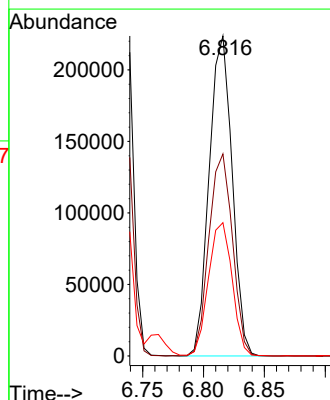
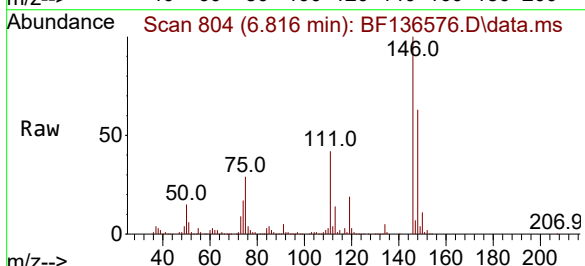
Tgt Ion:146 Resp: 293522

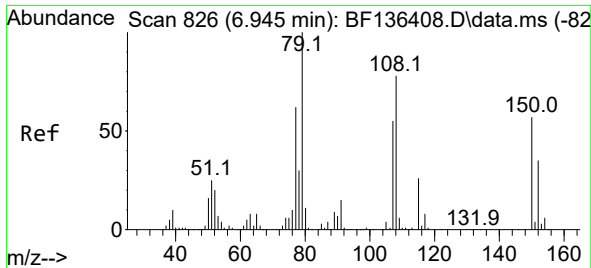
Ion Ratio Lower Upper

146 100

148 63.1 49.8 74.6

111 41.7 34.9 52.3

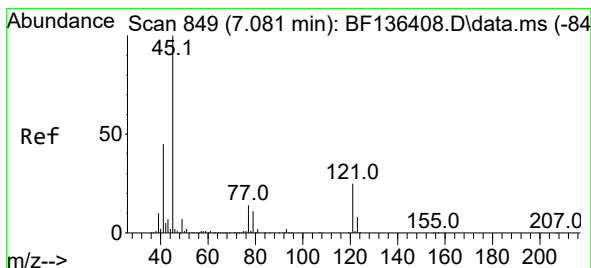
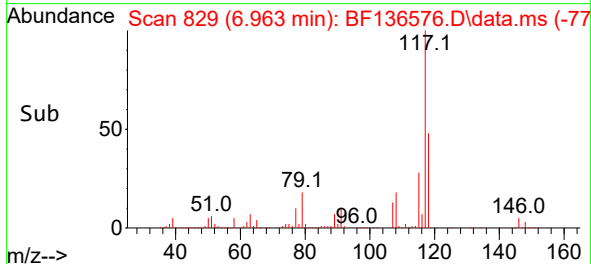
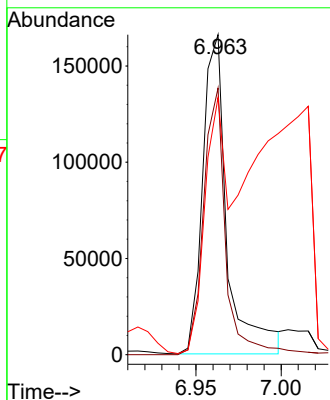
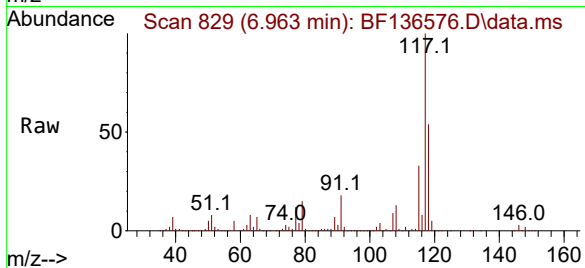




#15
Benzyl Alcohol
Concen: 28.690 ng
RT: 6.963 min Scan# 81
Delta R.T. 0.029 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

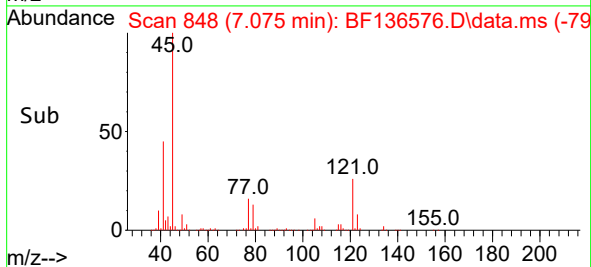
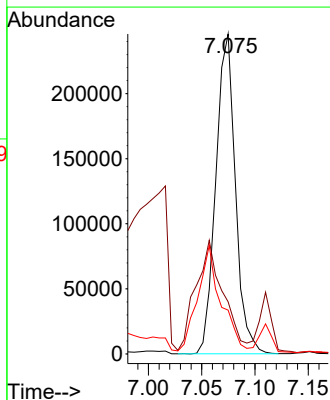
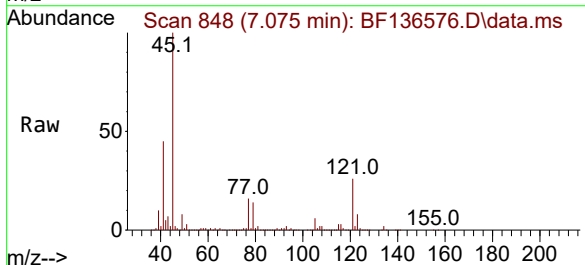
Instrument :
BNA_F
ClientSampleId :

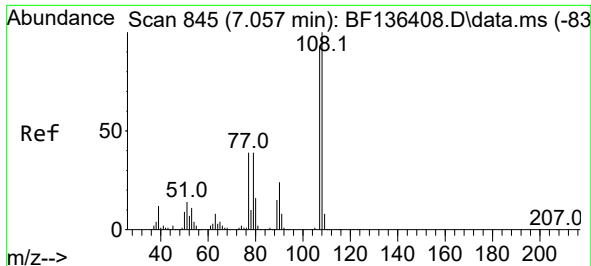
Tgt Ion: 79 Resp: 165896
Ion Ratio Lower Upper
79 100
108 83.3 62.3 93.5
77 80.3 49.8 74.8#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.522 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.012 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

Tgt Ion: 45 Resp: 312905
Ion Ratio Lower Upper
45 100
77 16.3 0.0 35.3
79 13.7 0.0 32.5





#17

2-Methylphenol

Concen: 25.691 ng

RT: 7.057 min Scan# 845

Delta R.T. 0.012 min

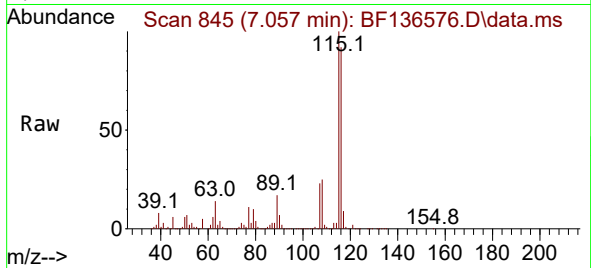
Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:107 Resp: 156828

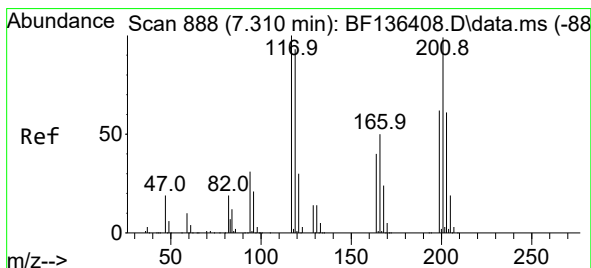
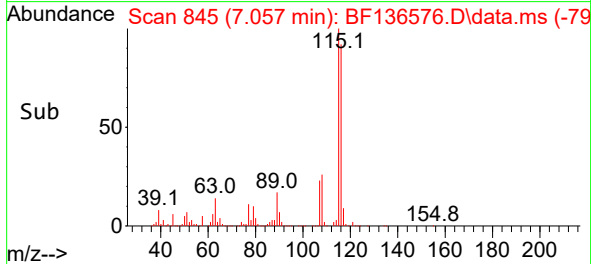
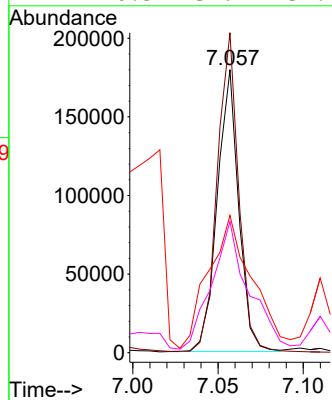
Ion Ratio Lower Upper

107 100

108 113.0 86.5 129.7

77 48.5 33.8 50.8

79 46.3 34.4 51.6



#18

Hexachloroethane

Concen: 39.206 ng

RT: 7.298 min Scan# 886

Delta R.T. -0.000 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

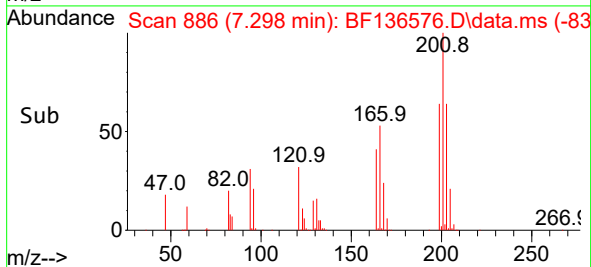
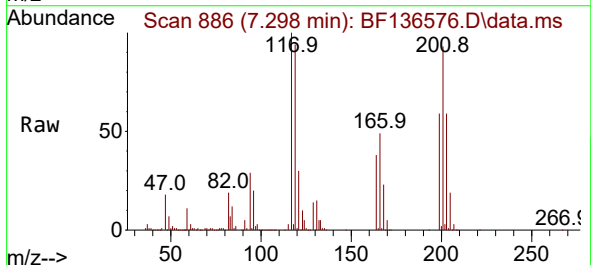
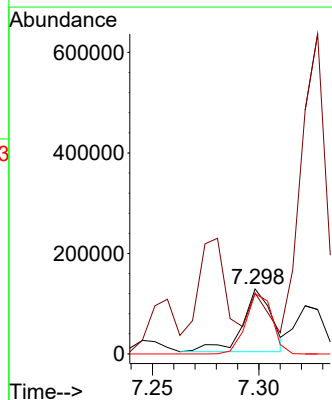
Tgt Ion:117 Resp: 117987

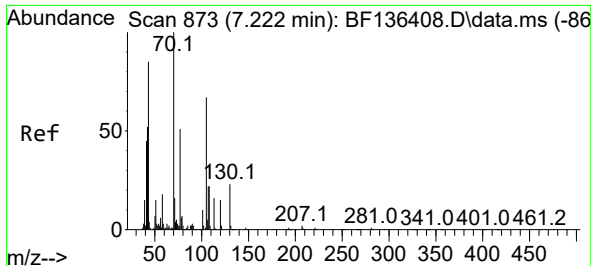
Ion Ratio Lower Upper

117 100

119 93.8 74.3 111.5

201 92.8 79.3 118.9





#19

n-Nitroso-di-n-propylamine

Concen: 24.418 ng

RT: 7.204 min Scan# 81

Delta R.T. -0.000 min

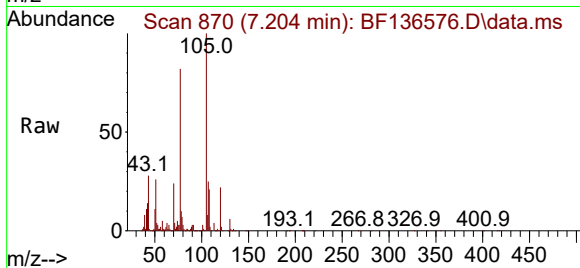
Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 70 Resp: 121633

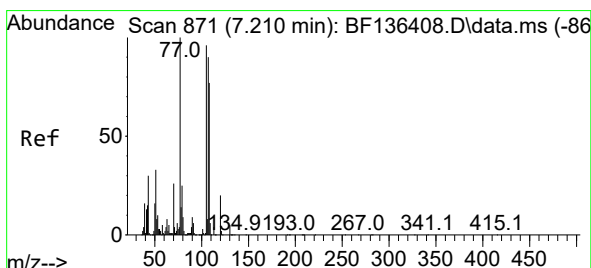
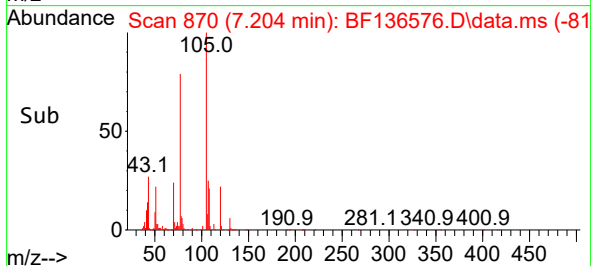
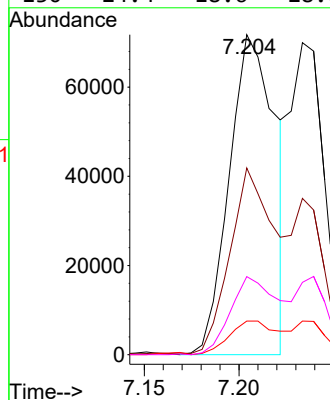
Ion Ratio Lower Upper

70 100

42 58.4 41.4 62.0

101 10.5 8.2 12.4

130 24.4 18.6 28.0



#20

3+4-Methylphenols

Concen: 25.842 ng

RT: 7.216 min Scan# 872

Delta R.T. 0.012 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

Tgt Ion: 107 Resp: 195804

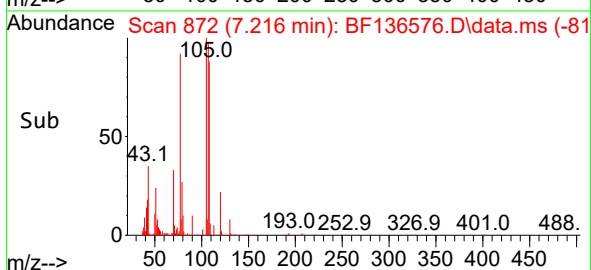
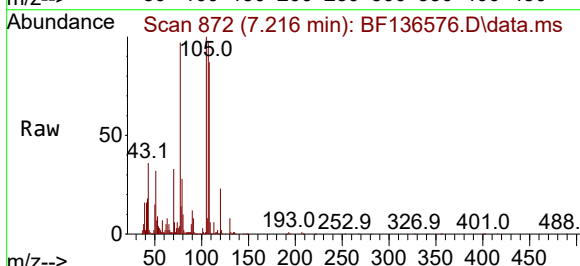
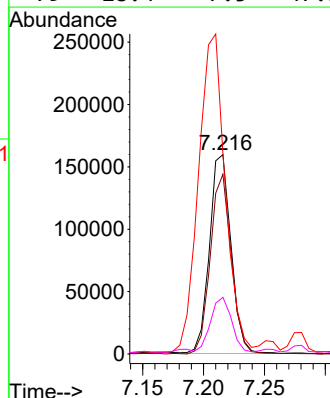
Ion Ratio Lower Upper

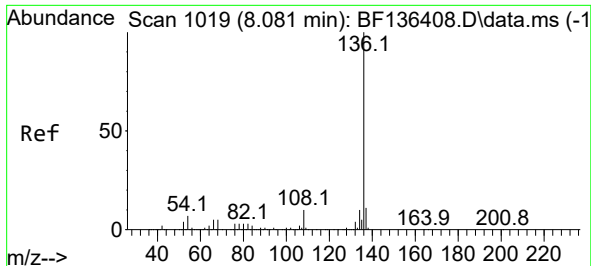
107 100

108 90.2 65.9 105.9

77 100.5 91.7 131.7

79 28.4 7.5 47.5

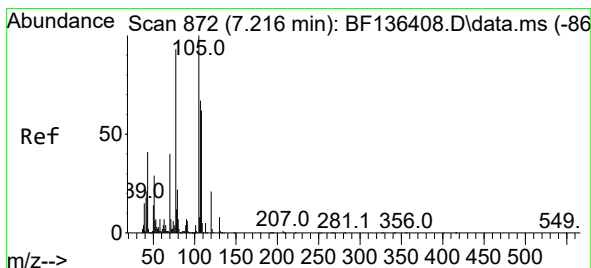
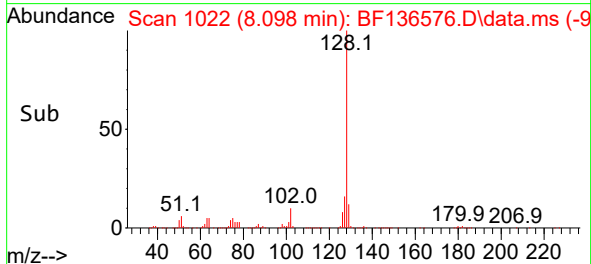
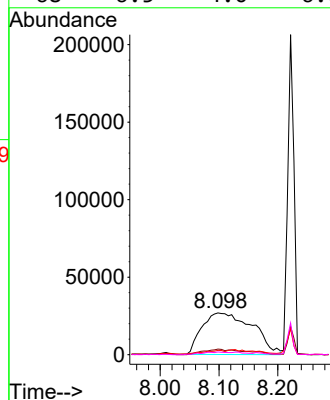
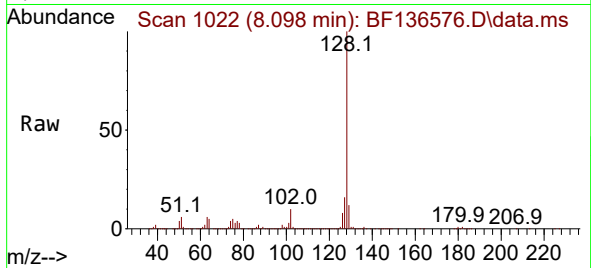




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1019
Delta R.T. 0.029 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

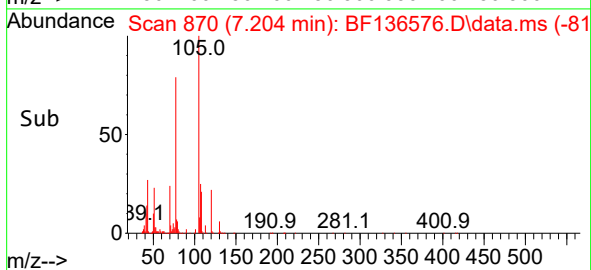
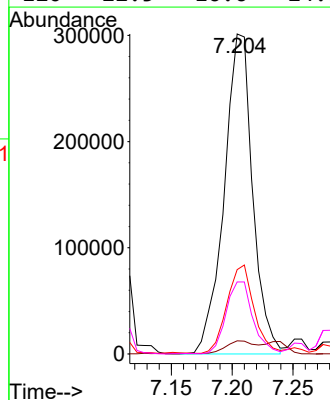
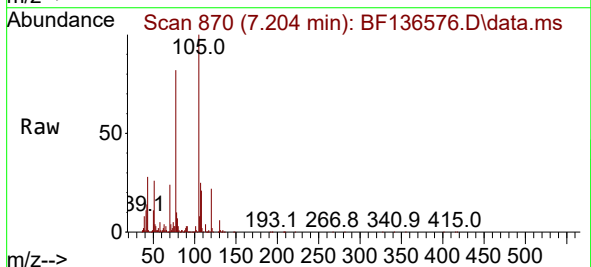
Instrument :
BNA_F
ClientSampleId :

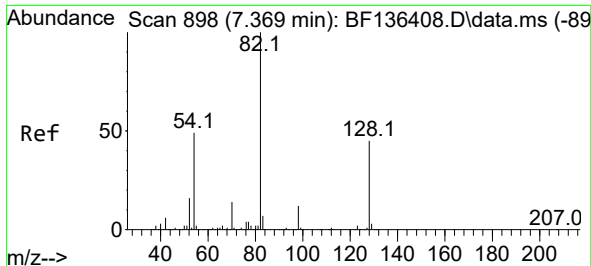
Tgt Ion:136 Resp: 160711
Ion Ratio Lower Upper
136 100
137 13.3 8.6 12.8#
54 10.5 5.7 8.5#
68 6.5 4.0 6.0#



#22
Acetophenone
Concen: 123.722 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.006 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

Tgt Ion:105 Resp: 491000
Ion Ratio Lower Upper
105 100
71 4.1 5.4 8.0#
51 26.3 23.4 35.2
120 22.5 16.6 24.8





#23

Nitrobenzene-d5

Concen: 194.663 ng

RT: 7.363 min Scan# 898

Delta R.T. 0.006 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

Instrument :

BNA_F

ClientSampleId :

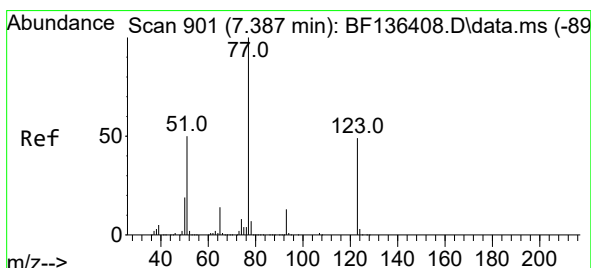
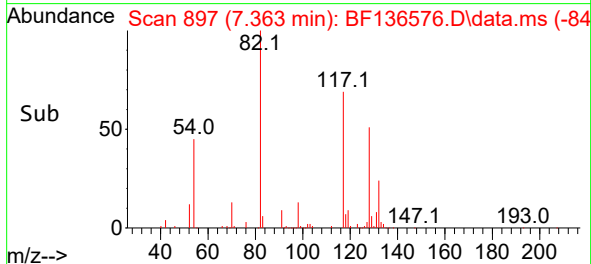
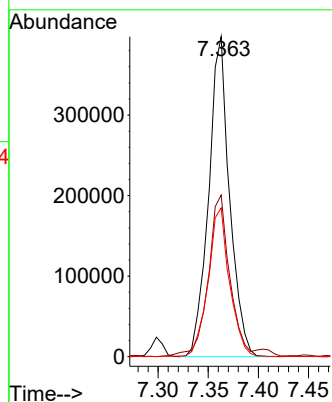
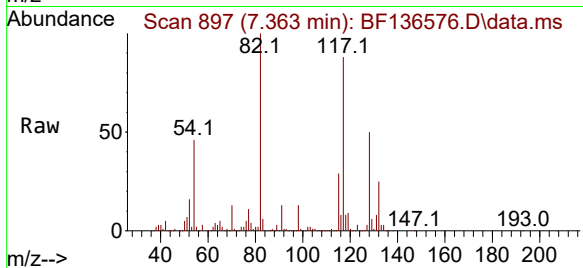
Tgt Ion: 82 Resp: 578695

Ion Ratio Lower Upper

82 100

128 50.5 36.3 54.5

54 46.5 39.0 58.6



#24

Nitrobenzene

Concen: 109.481 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.000 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

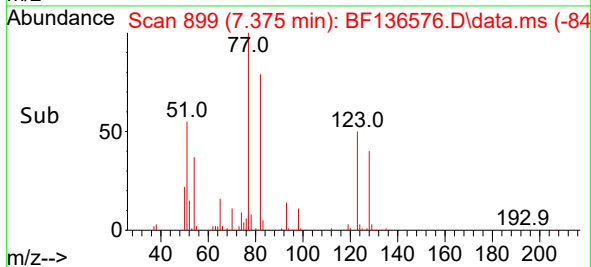
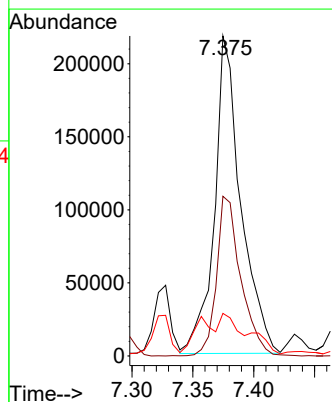
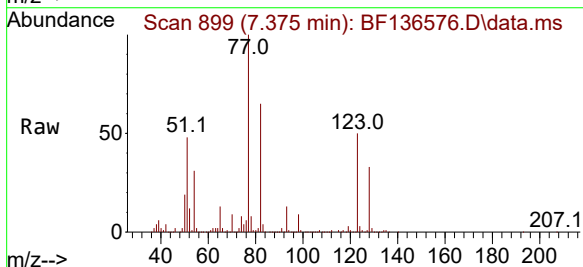
Tgt Ion: 77 Resp: 327410

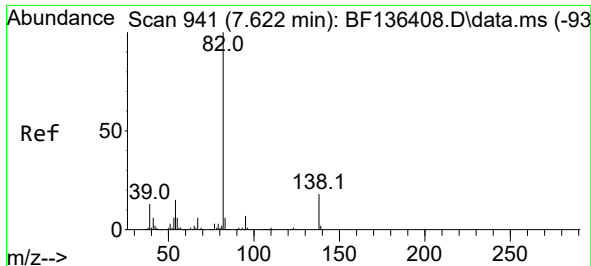
Ion Ratio Lower Upper

77 100

123 49.9 39.0 58.6

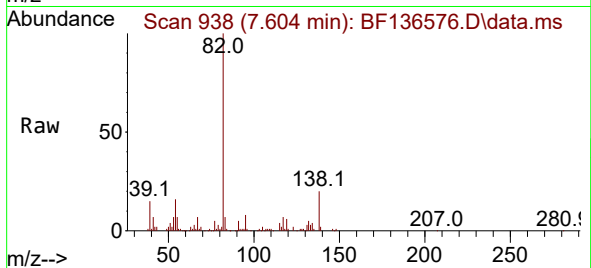
65 13.3 11.3 16.9



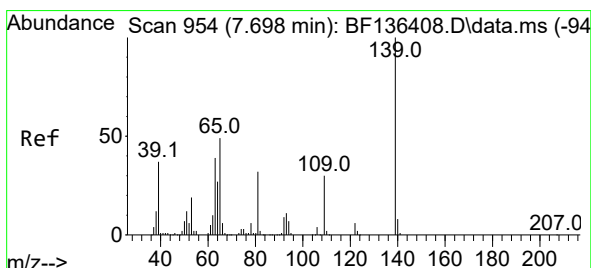
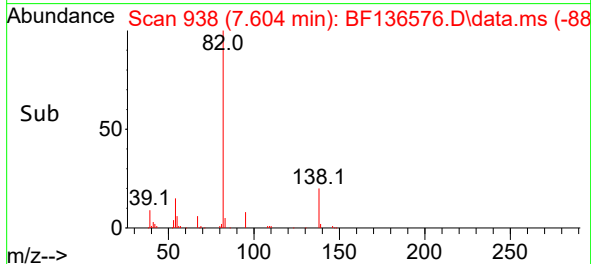
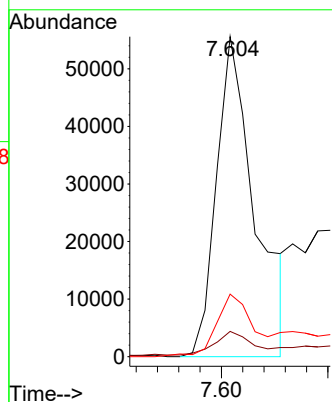


#25
Isophorone
Concen: 13.024 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

Instrument :
BNA_F
ClientSampleId :

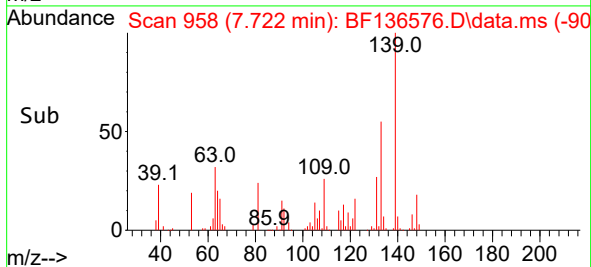
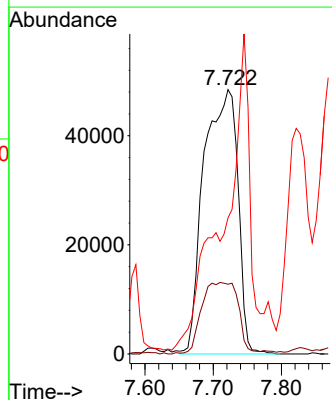
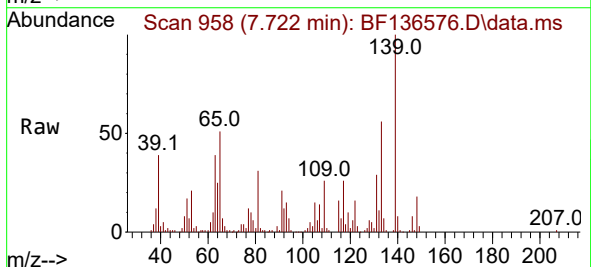


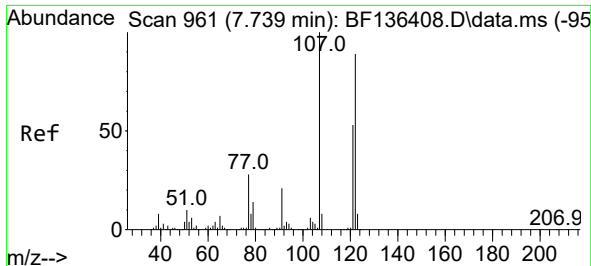
Tgt Ion: 82 Resp: 69562
Ion Ratio Lower Upper
82 100
95 7.9 5.7 8.5
138 19.5 14.5 21.7



#26
2-Nitrophenol
Concen: 114.067 ng
RT: 7.722 min Scan# 958
Delta R.T. 0.035 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

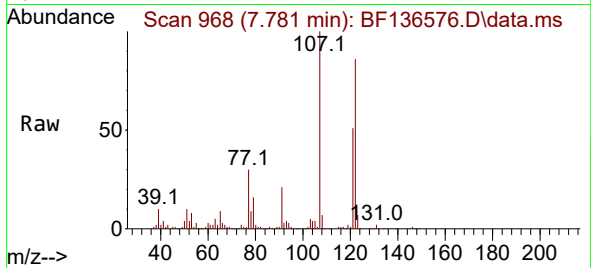
Tgt Ion:139 Resp: 167704
Ion Ratio Lower Upper
139 100
109 26.4 23.6 35.4
65 51.5 39.4 59.2



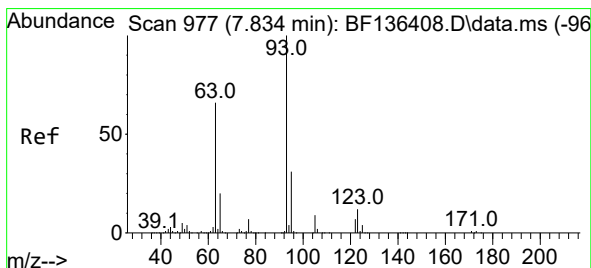
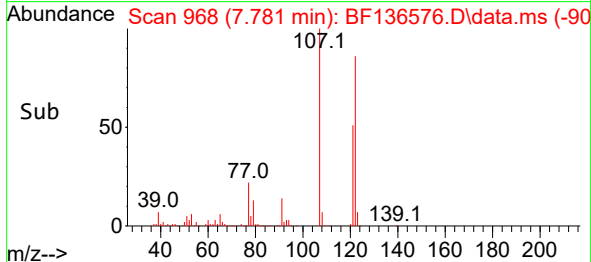
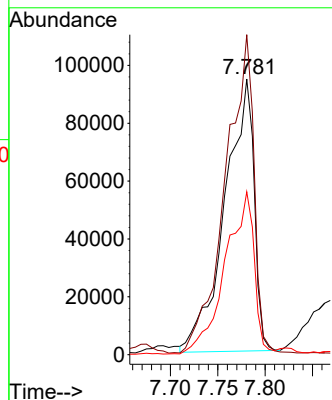


#27
2,4-Dimethylphenol
Concen: 110.731 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.053 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

Instrument :
BNA_F
ClientSampleId :

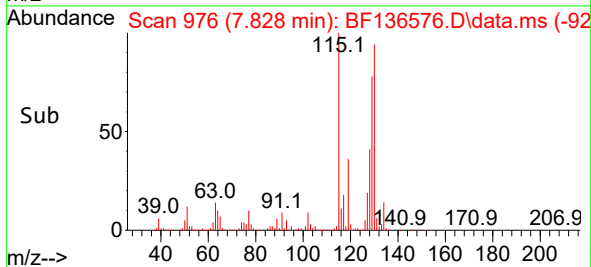
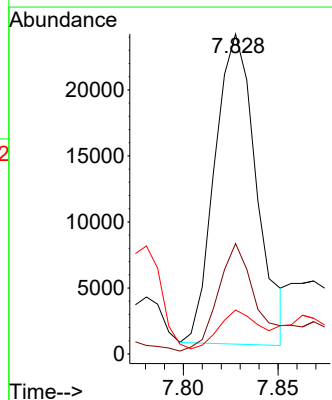
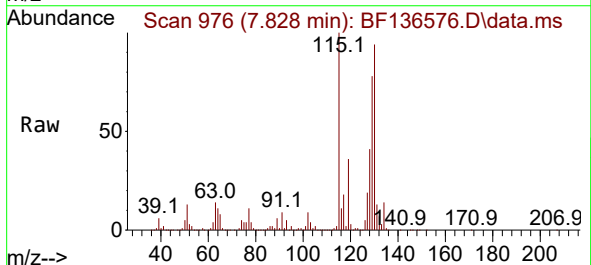


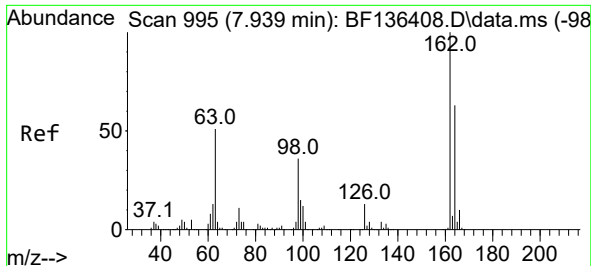
Tgt Ion:122 Resp: 200741
Ion Ratio Lower Upper
122 100
107 116.1 89.3 133.9
121 59.1 47.6 71.4



#28
bis(2-Chloroethoxy)methane
Concen: 10.954 ng
RT: 7.828 min Scan# 976
Delta R.T. 0.006 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

Tgt Ion: 93 Resp: 35949
Ion Ratio Lower Upper
93 100
95 34.5 25.0 37.4
123 13.8 9.4 14.0

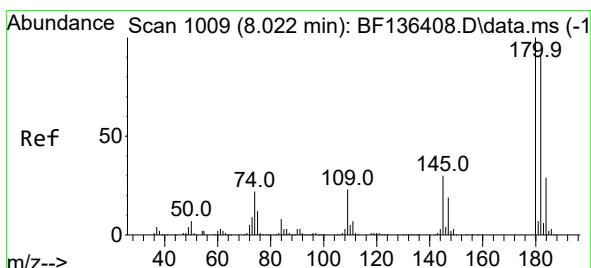
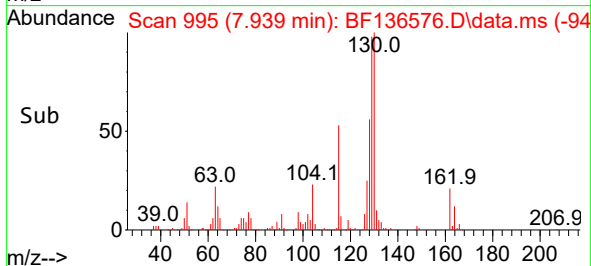
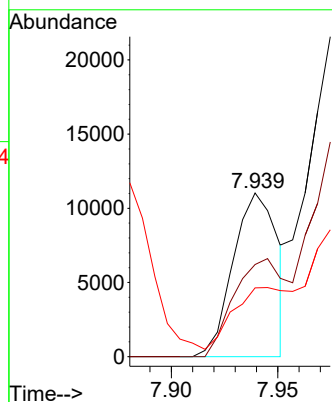
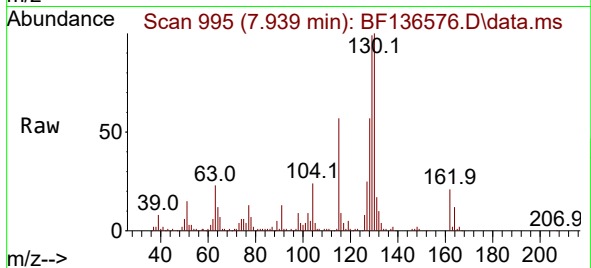




#29
2,4-Dichlorophenol
Concen: 6.689 ng
RT: 7.939 min Scan# 995
Delta R.T. 0.012 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

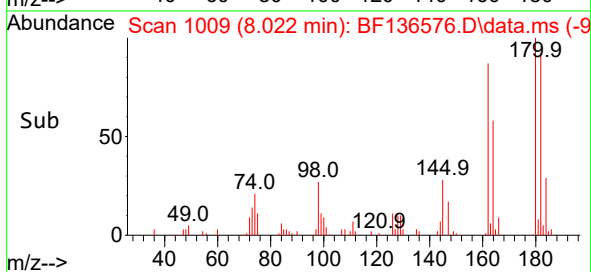
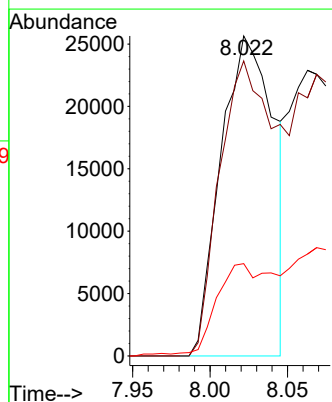
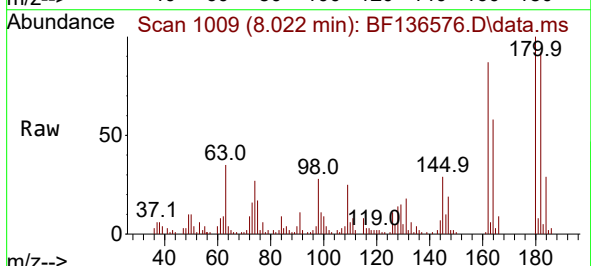
Instrument :
BNA_F
ClientSampleId :

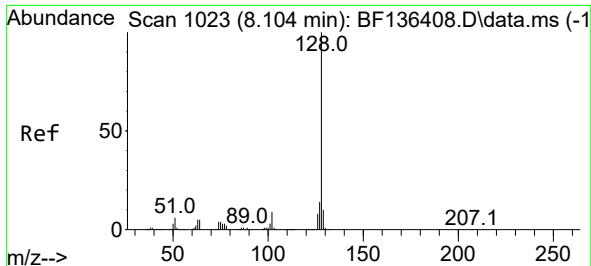
Tgt Ion:162 Resp: 16005
Ion Ratio Lower Upper
162 100
164 56.4 43.0 83.0
98 42.1 16.2 56.2



#30
1,2,4-Trichlorobenzene
Concen: 21.855 ng
RT: 8.022 min Scan# 1009
Delta R.T. 0.012 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

Tgt Ion:180 Resp: 60980
Ion Ratio Lower Upper
180 100
182 92.2 73.1 109.7
145 28.8 23.8 35.8

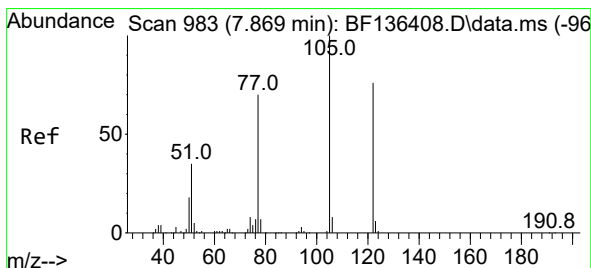
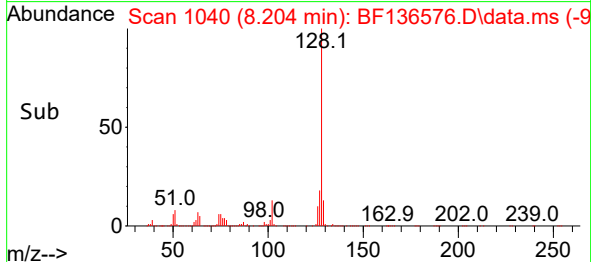
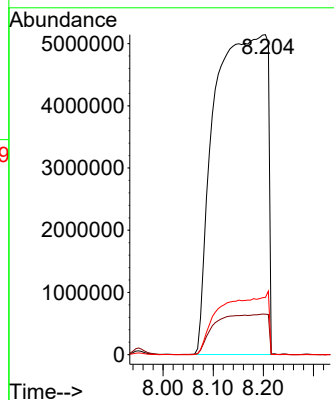
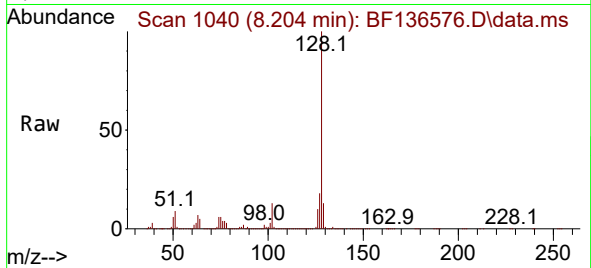




#31
Naphthalene
Concen: 4190.166 ng
RT: 8.204 min Scan# 1040
Delta R.T. 0.112 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

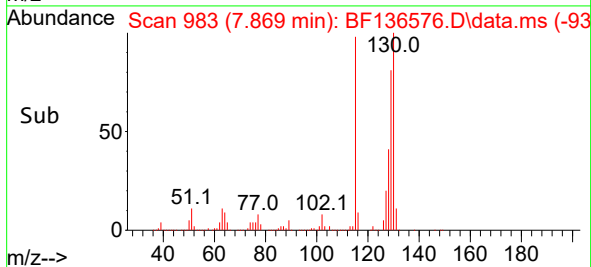
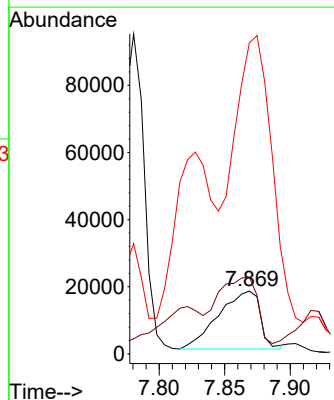
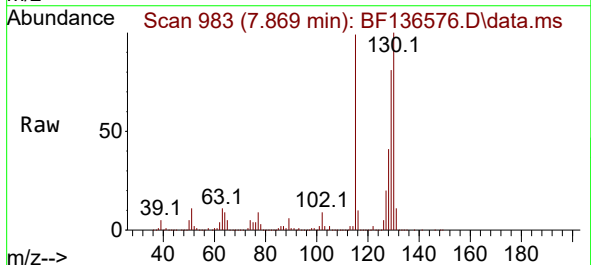
Instrument :
BNA_F
ClientSampleId :

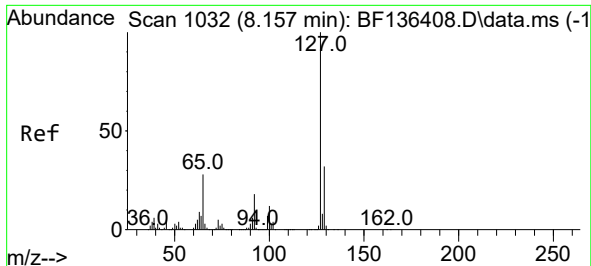
Tgt Ion:128 Resp:37135612
Ion Ratio Lower Upper
128 100
129 12.7 8.3 12.5#
127 17.9 11.1 16.7#



#32
Benzoic acid
Concen: 21.271 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.012 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

Tgt Ion:122 Resp: 38254
Ion Ratio Lower Upper
122 100
105 122.3 104.7 144.7
77 494.5 68.5 108.5#

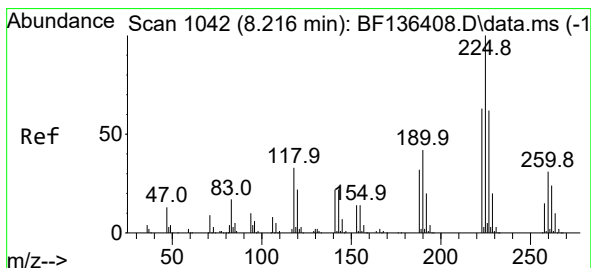
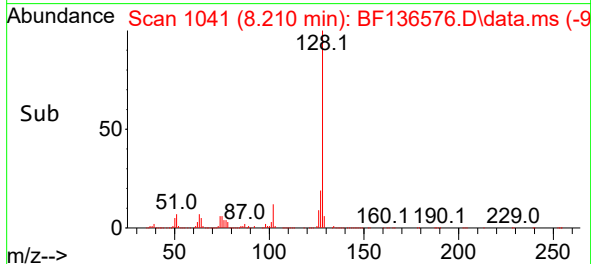
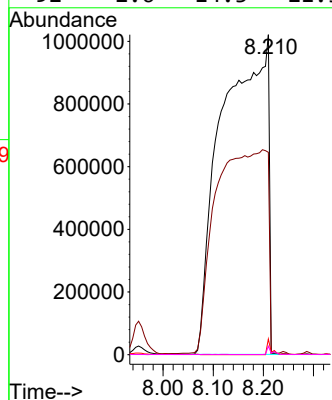
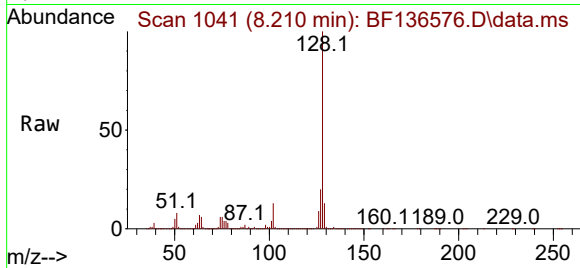




#33
4-Chloroaniline
Concen: 2016.876 ng
RT: 8.210 min Scan# 1041
Delta R.T. 0.070 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

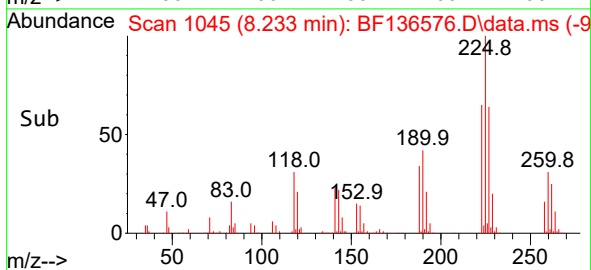
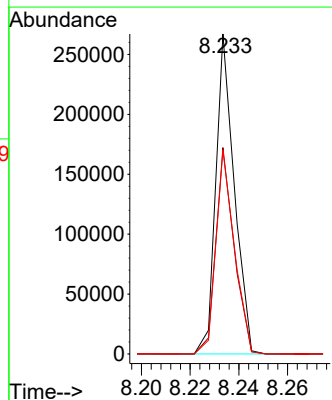
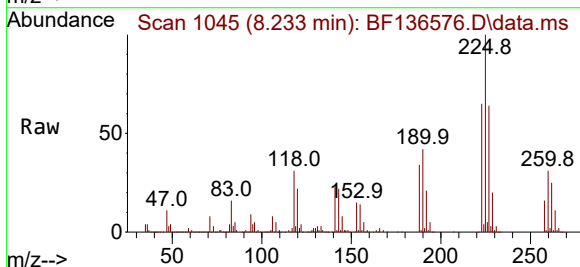
Instrument :
BNA_F
ClientSampleId :

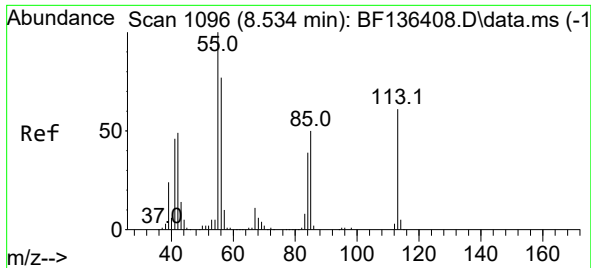
Tgt Ion:127 Resp: 6372485
Ion Ratio Lower Upper
127 100
129 63.3 25.4 38.2#
65 4.9 22.5 33.7#
92 2.6 14.3 21.5#



#34
Hexachlorobutadiene
Concen: 84.968 ng
RT: 8.233 min Scan# 1045
Delta R.T. 0.029 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

Tgt Ion:225 Resp: 140505
Ion Ratio Lower Upper
225 100
223 64.5 50.8 76.2
227 63.7 49.8 74.8

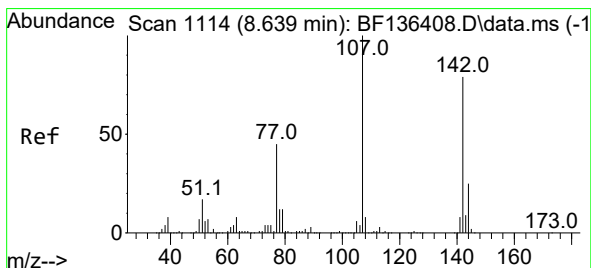
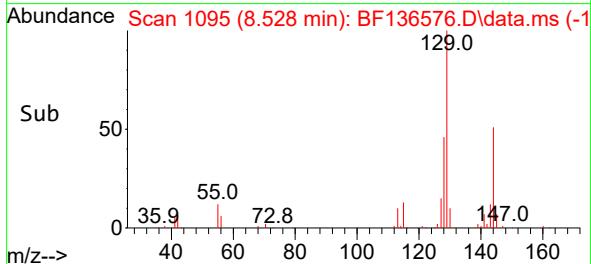
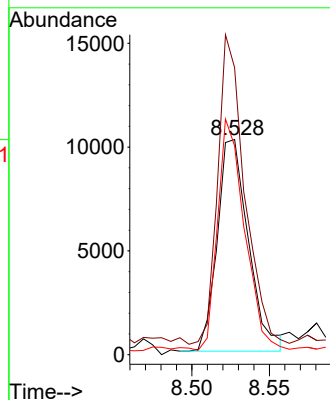
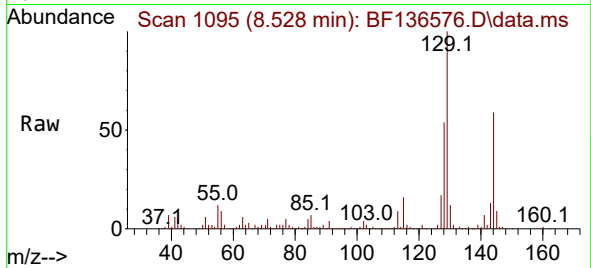




#35
 Caprolactam
 Concen: 19.333 ng
 RT: 8.528 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF136576.D
 Acq: 14 Dec 2023 19:19

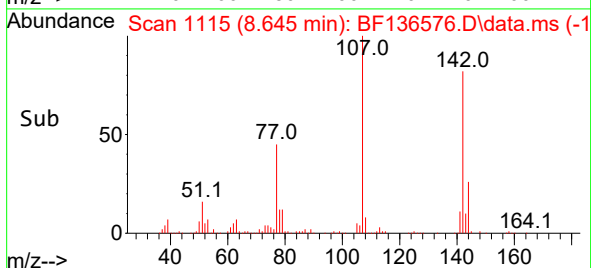
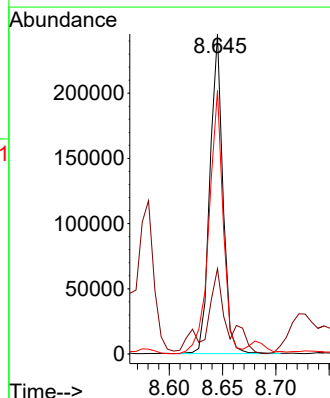
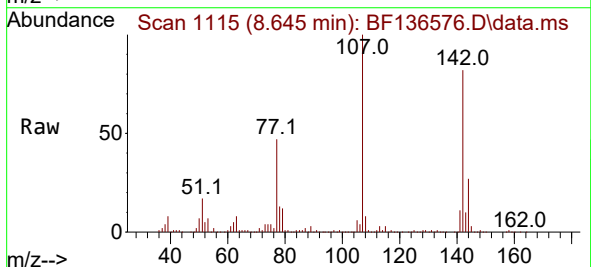
Instrument :
 BNA_F
 ClientSampleId :

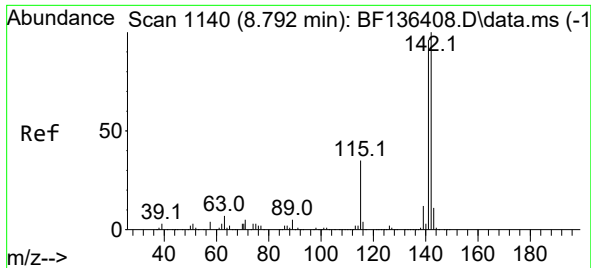
Tgt Ion:113 Resp: 14246
 Ion Ratio Lower Upper
 113 100
 55 133.4 143.7 183.7#
 56 97.1 105.2 145.2#



#36
 4-Chloro-3-methylphenol
 Concen: 81.812 ng
 RT: 8.645 min Scan# 1115
 Delta R.T. 0.018 min
 Lab File: BF136576.D
 Acq: 14 Dec 2023 19:19

Tgt Ion:107 Resp: 207861
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.1 30.1
 142 82.3 63.1 94.7





#37

2-Methylnaphthalene

Concen: 1090.843 ng

RT: 8.816 min Scan# 1144

Delta R.T. 0.035 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

Instrument :

BNA_F

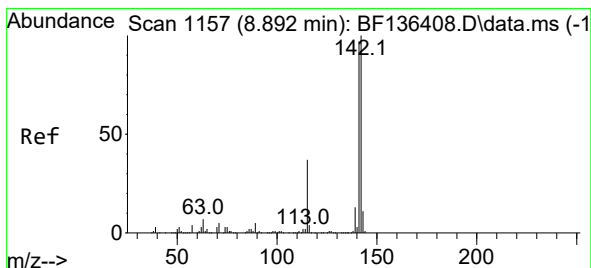
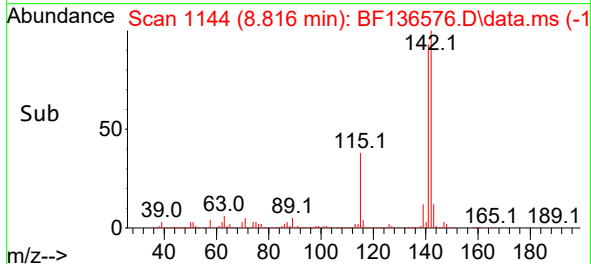
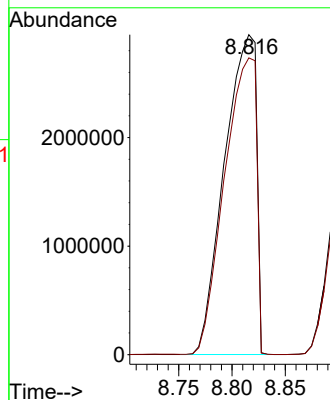
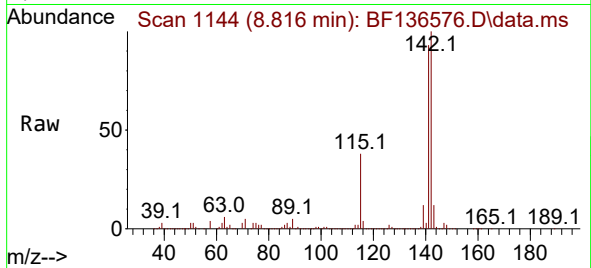
ClientSampleId :

Tgt Ion:142 Resp: 6150478

Ion Ratio Lower Upper

142 100

141 92.7 76.4 114.6



#38

1-Methylnaphthalene

Concen: 801.376 ng

RT: 8.916 min Scan# 1161

Delta R.T. 0.035 min

Lab File: BF136576.D

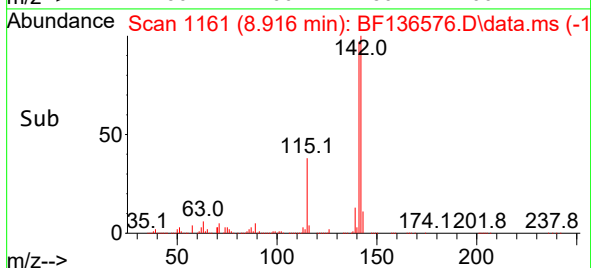
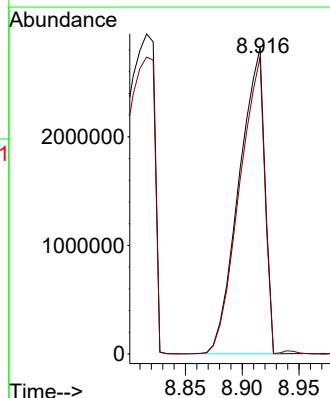
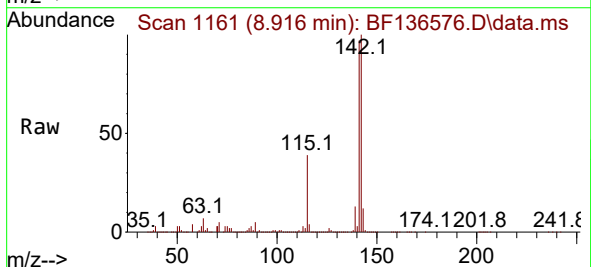
Acq: 14 Dec 2023 19:19

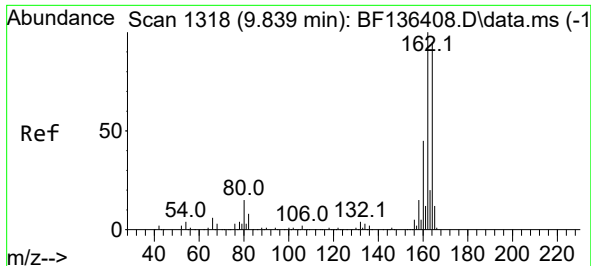
Tgt Ion:142 Resp: 4433787

Ion Ratio Lower Upper

142 100

141 97.0 77.7 116.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1166

Delta R.T. -0.000 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

Instrument :

BNA_F

ClientSampleId :

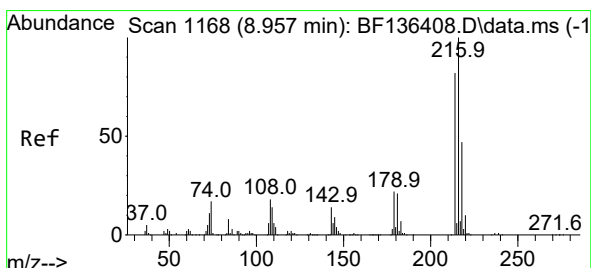
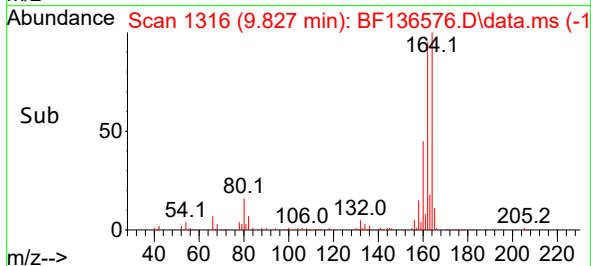
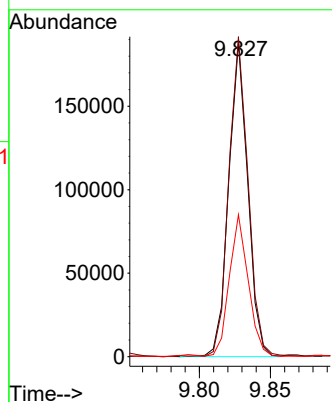
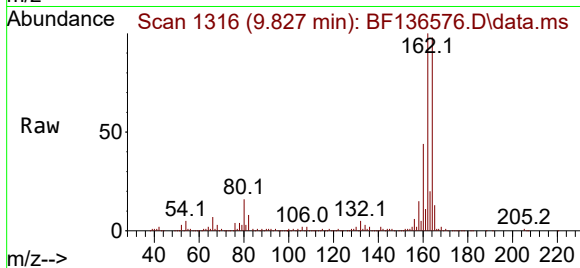
Tgt Ion:164 Resp: 175995

Ion Ratio Lower Upper

164 100

162 101.8 84.4 126.6

160 45.2 37.6 56.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.346 ng

RT: 8.957 min Scan# 1168

Delta R.T. 0.012 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

Tgt Ion:216 Resp: 264719

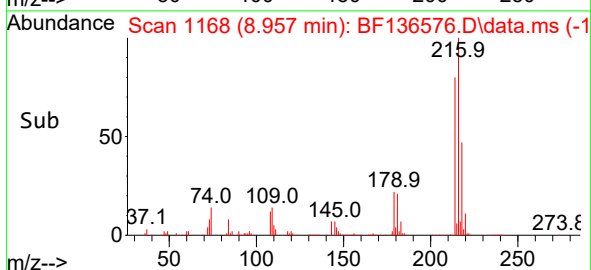
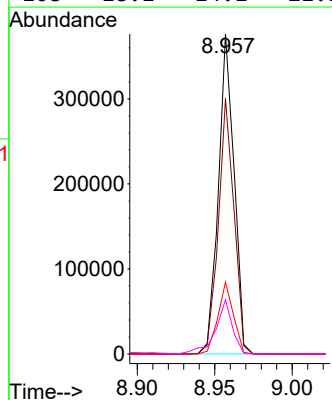
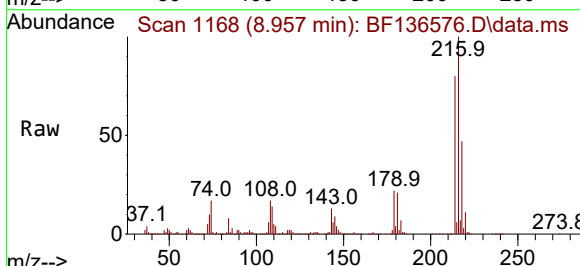
Ion Ratio Lower Upper

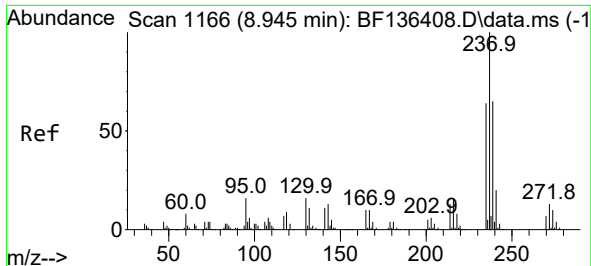
216 100

214 79.2 64.1 96.1

179 22.2 17.0 25.6

108 18.1 14.1 21.1

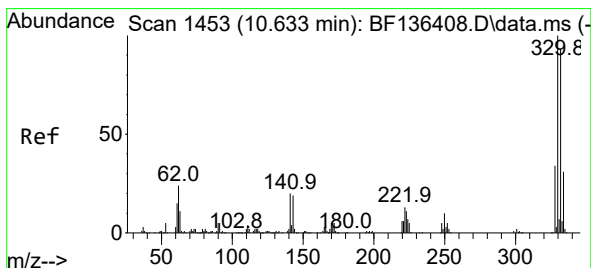
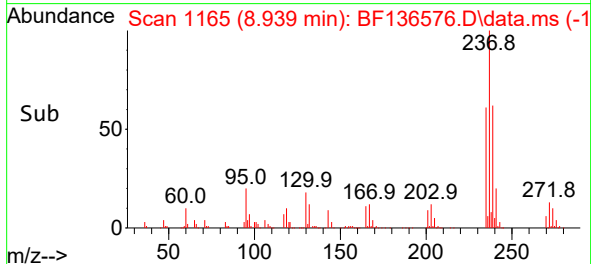
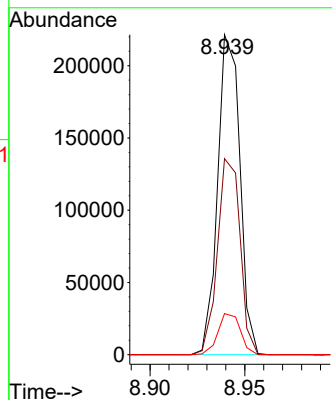
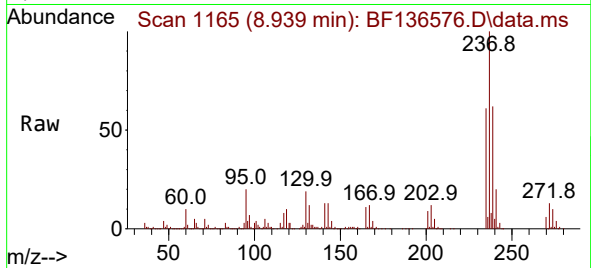




#41
Hexachlorocyclopentadiene
Concen: 89.331 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

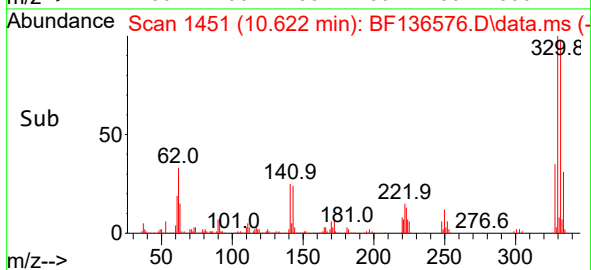
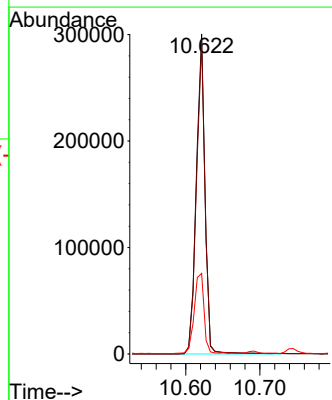
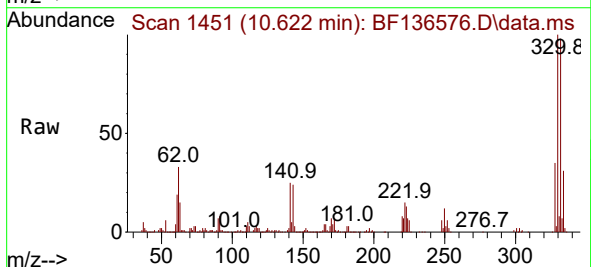
Instrument :
BNA_F
ClientSampleId :

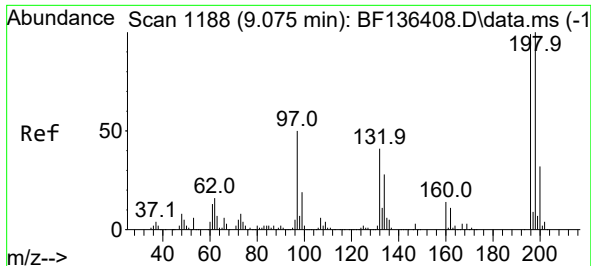
Tgt Ion:237 Resp: 181210
Ion Ratio Lower Upper
237 100
235 61.3 44.1 84.1
272 12.9 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 112.629 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

Tgt Ion:330 Resp: 244409
Ion Ratio Lower Upper
330 100
332 96.7 76.4 114.6
141 28.8 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 44.281 ng

RT: 9.069 min Scan# 1187

Delta R.T. 0.006 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

Instrument :

BNA_F

ClientSampleId :

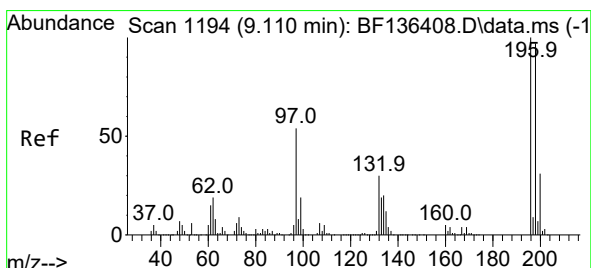
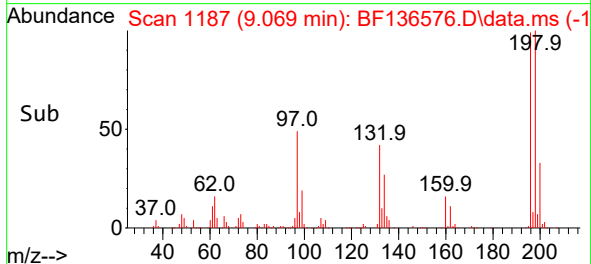
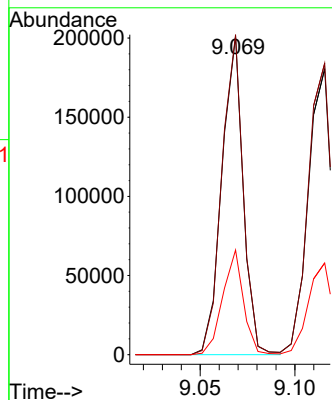
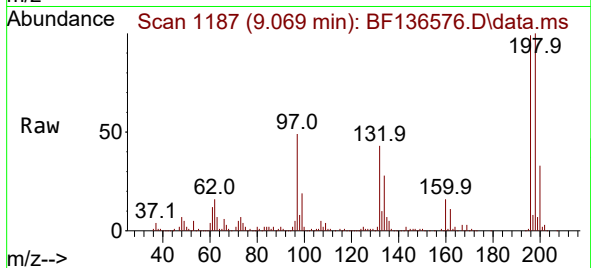
Tgt Ion:196 Resp: 157871

Ion Ratio Lower Upper

196 100

198 100.5 80.4 120.6

200 32.9 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 40.399 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.012 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

Tgt Ion:196 Resp: 160754

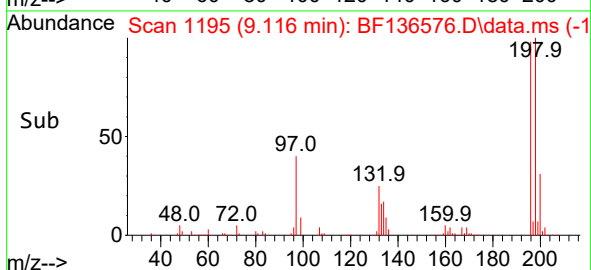
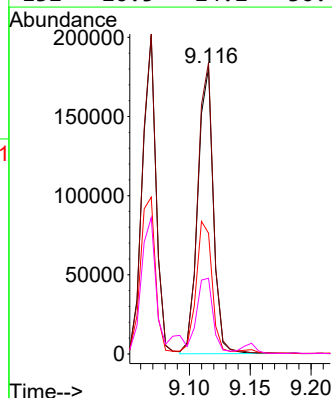
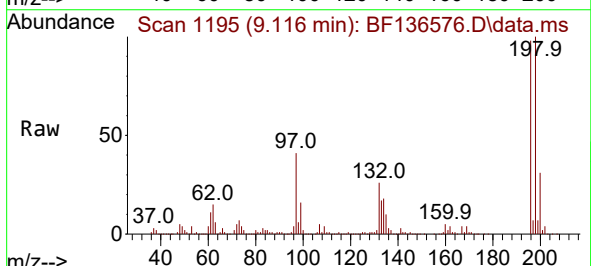
Ion Ratio Lower Upper

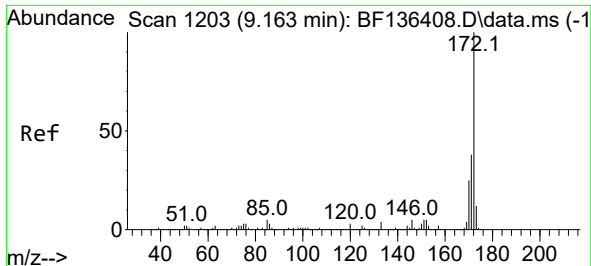
196 100

198 102.0 78.1 117.1

97 42.3 43.4 65.2#

132 26.5 24.2 36.4





#45

2-Fluorobiphenyl

Concen: 87.517 ng

RT: 9.151 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

Instrument :

BNA_F

ClientSampleId :

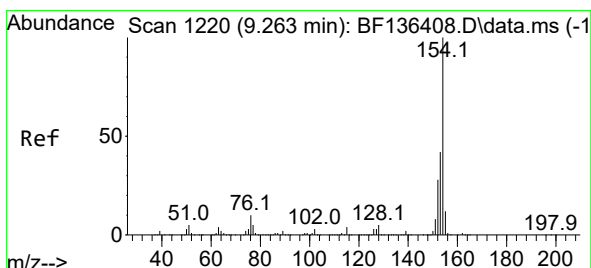
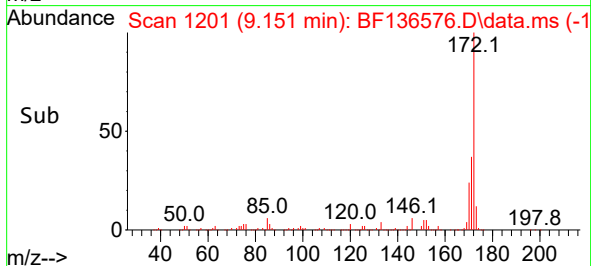
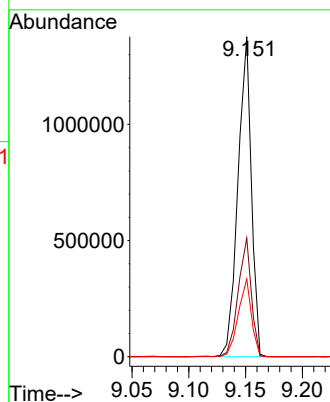
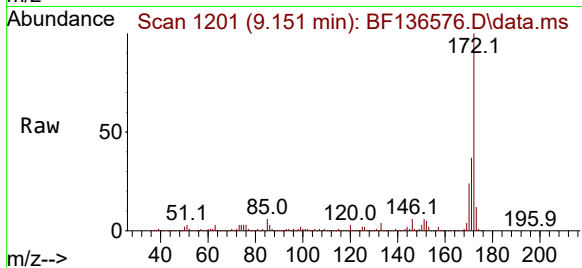
Tgt Ion:172 Resp: 1128805

Ion Ratio Lower Upper

172 100

171 37.0 30.5 45.7

170 24.3 19.9 29.9



#46

1,1'-Biphenyl

Concen: 92.443 ng

RT: 9.257 min Scan# 1219

Delta R.T. 0.012 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

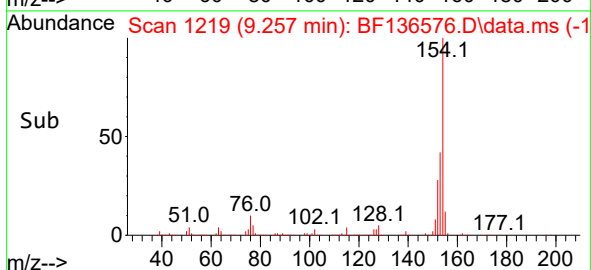
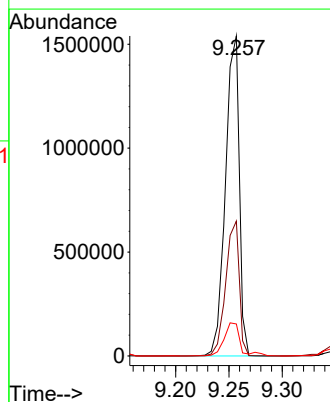
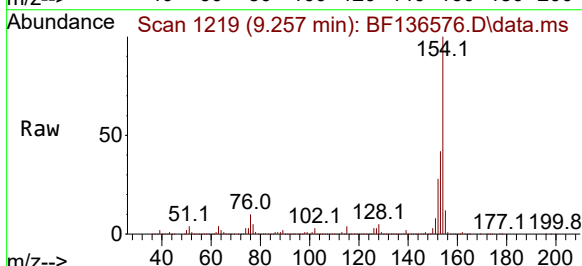
Tgt Ion:154 Resp: 1384371

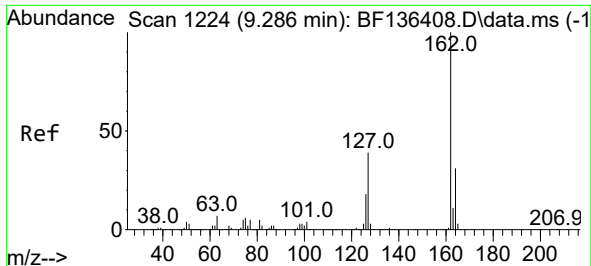
Ion Ratio Lower Upper

154 100

153 42.2 22.5 62.5

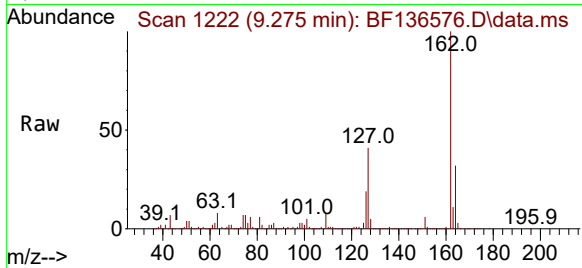
76 10.0 0.0 29.9



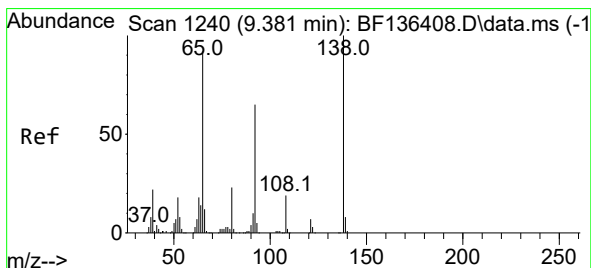
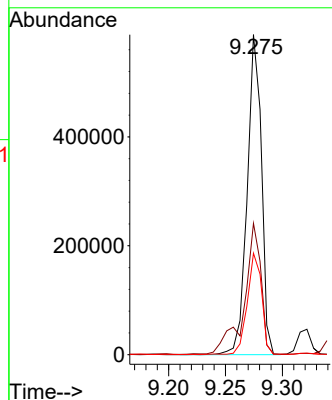
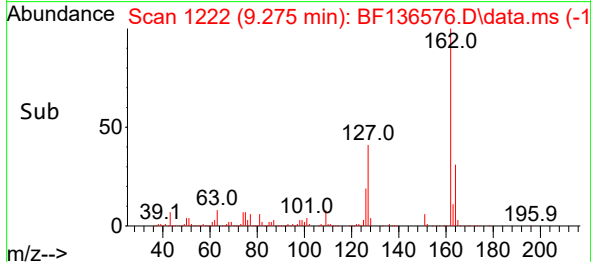


#47
2-Chloronaphthalene
Concen: 44.009 ng
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

Instrument :
BNA_F
ClientSampleId :

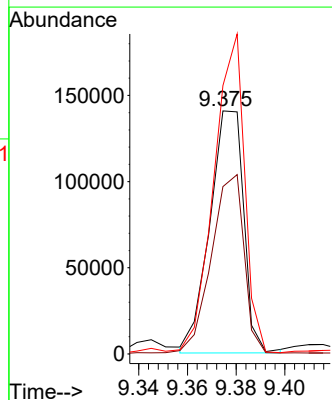
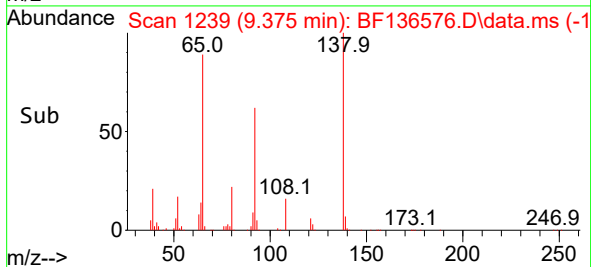
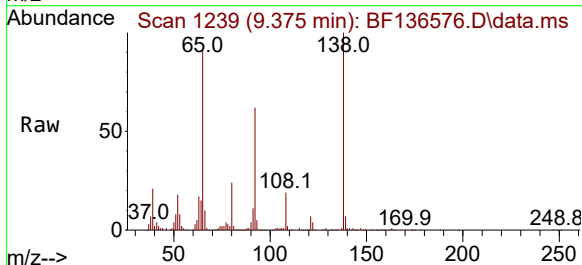


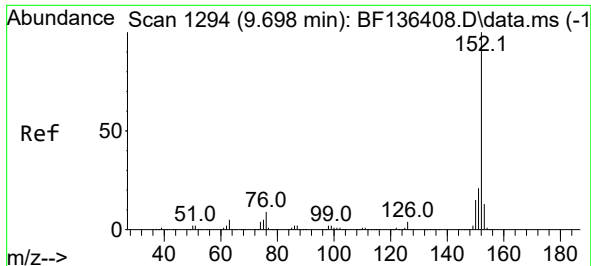
Tgt Ion:162 Resp: 512954
Ion Ratio Lower Upper
162 100
127 41.0 31.1 46.7
164 31.7 24.6 37.0



#48
2-Nitroaniline
Concen: 43.481 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.006 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

Tgt Ion: 65 Resp: 135925
Ion Ratio Lower Upper
65 100
92 68.9 56.1 84.1
138 110.4 86.7 130.1





#49

Acenaphthylene

Concen: 52.271 ng

RT: 9.692 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

Instrument :

BNA_F

ClientSampleId :

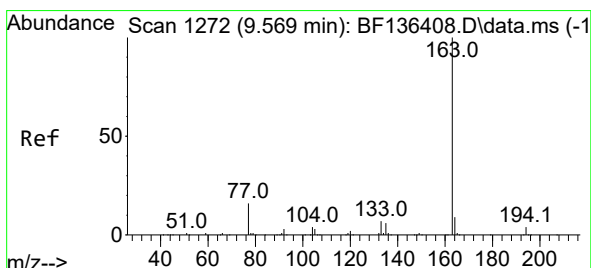
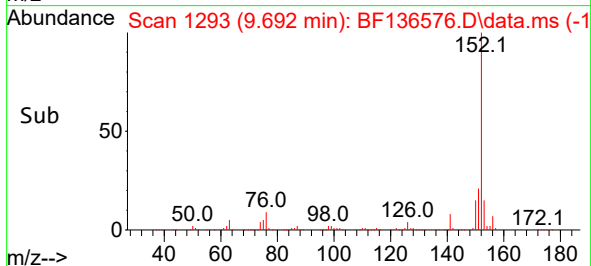
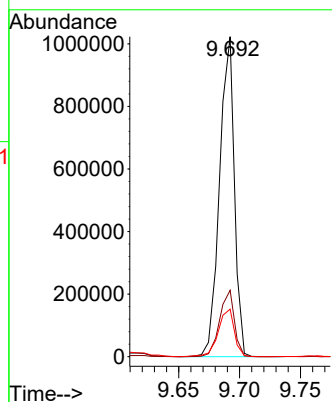
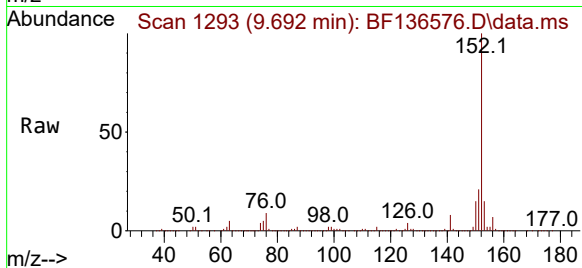
Tgt Ion:152 Resp: 867900

Ion Ratio Lower Upper

152 100

151 20.7 17.2 25.8

153 14.9 10.6 15.8



#50

Dimethylphthalate

Concen: 46.083 ng

RT: 9.557 min Scan# 1270

Delta R.T. 0.006 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

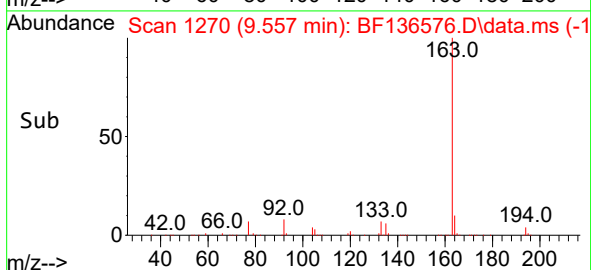
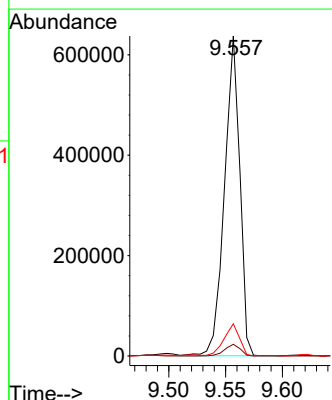
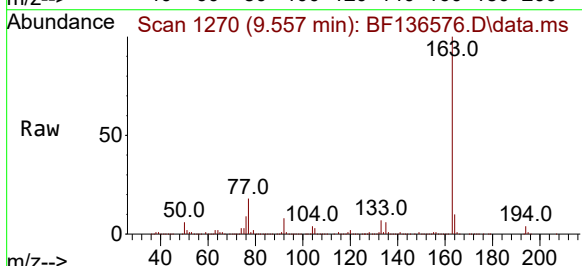
Tgt Ion:163 Resp: 597111

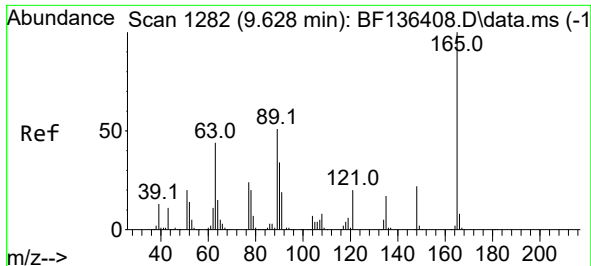
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

164 10.0 7.4 11.2

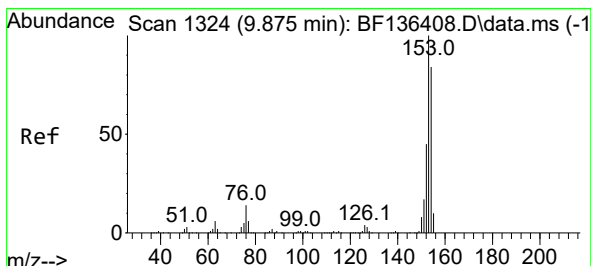
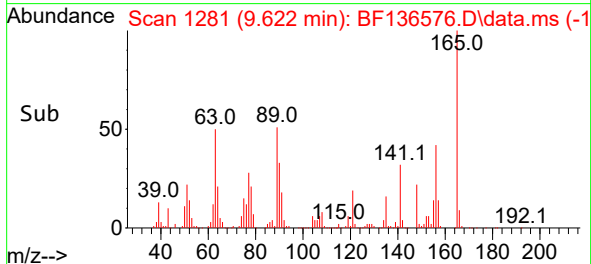
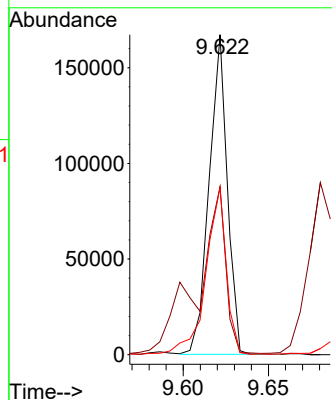
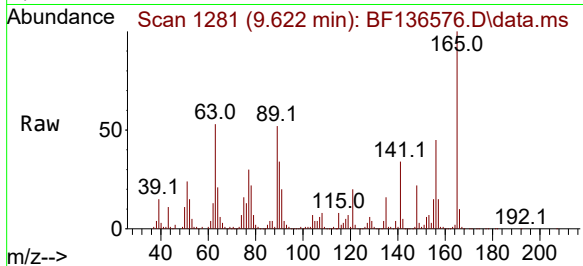




#51
2,6-Dinitrotoluene
Concen: 42.603 ng
RT: 9.622 min Scan# 1282
Delta R.T. 0.006 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

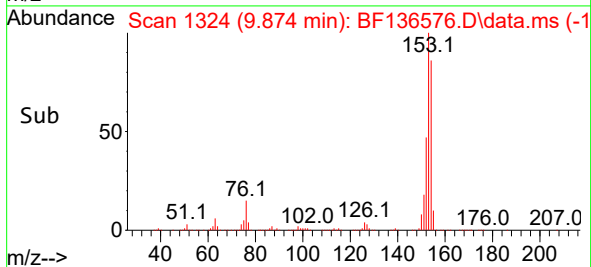
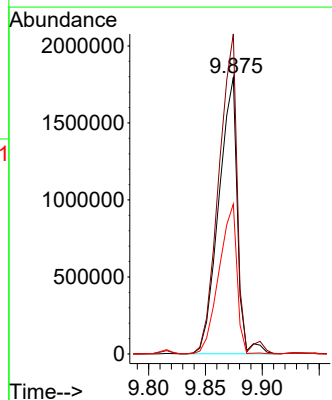
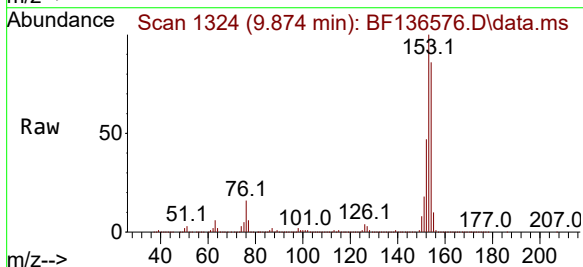
Instrument :
BNA_F
ClientSampleId :

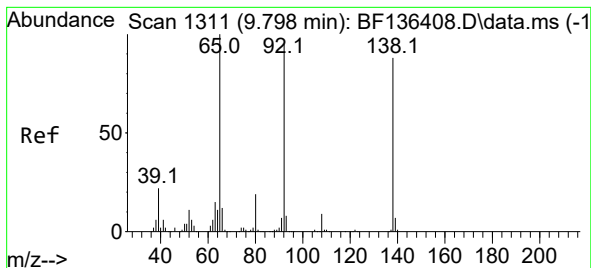
Tgt Ion:165 Resp: 124190
Ion Ratio Lower Upper
165 100
63 52.5 40.4 60.6
89 52.2 40.6 60.8



#52
Acenaphthene
Concen: 192.528 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.012 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

Tgt Ion:154 Resp: 2048468
Ion Ratio Lower Upper
154 100
153 115.7 95.3 142.9
152 54.2 43.2 64.8





#53

3-Nitroaniline

Concen: 29.552 ng

RT: 9.792 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

Instrument :

BNA_F

ClientSampleId :

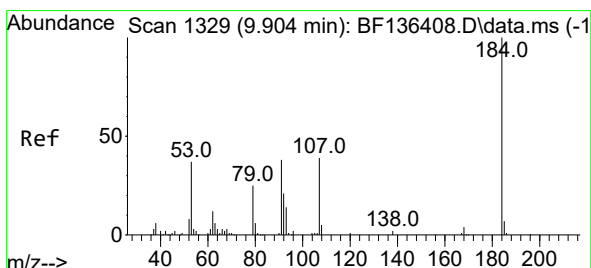
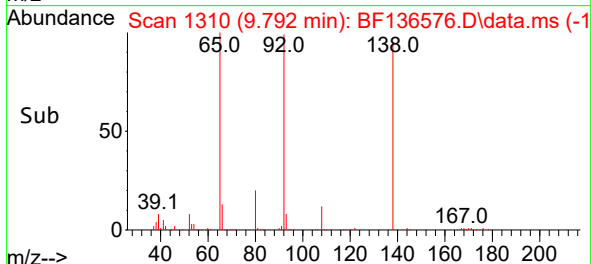
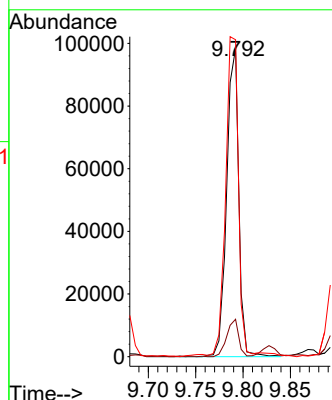
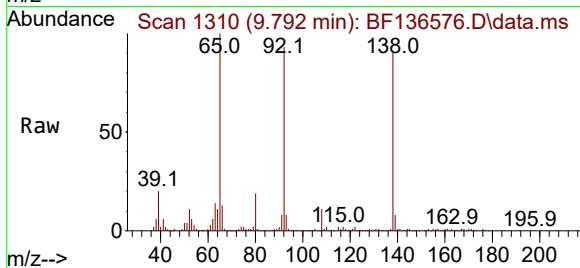
Tgt Ion:138 Resp: 87970

Ion Ratio Lower Upper

138 100

108 12.1 8.5 12.7

92 102.8 86.1 129.1



#54

2,4-Dinitrophenol

Concen: 51.537 ng

RT: 9.892 min Scan# 1327

Delta R.T. -0.000 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

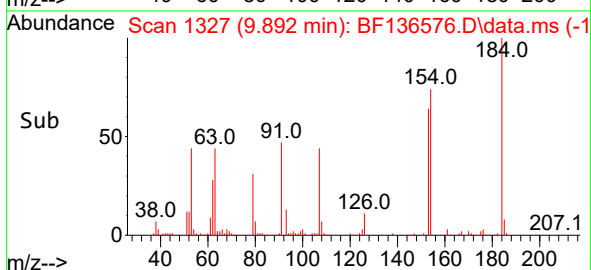
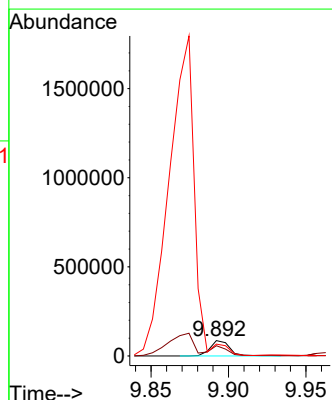
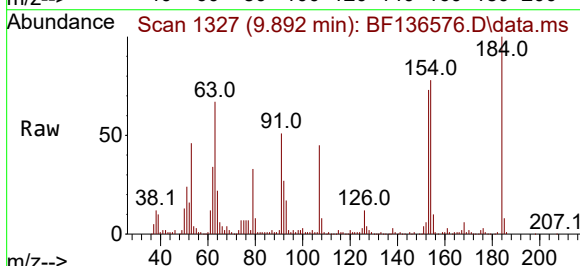
Tgt Ion:184 Resp: 75957

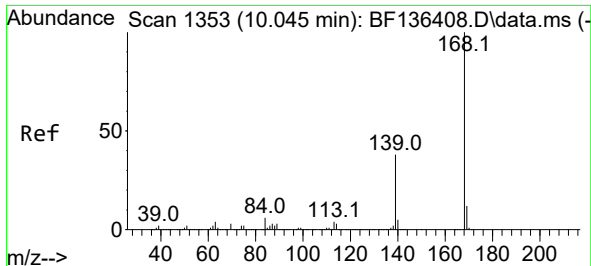
Ion Ratio Lower Upper

184 100

63 67.2 39.1 58.7#

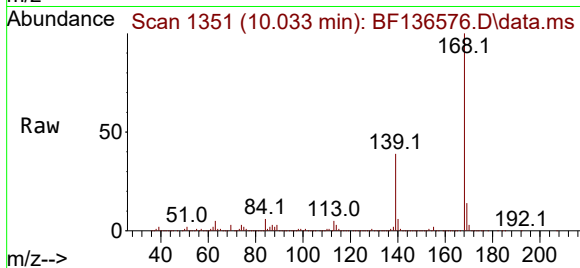
154 77.7 49.9 74.9#



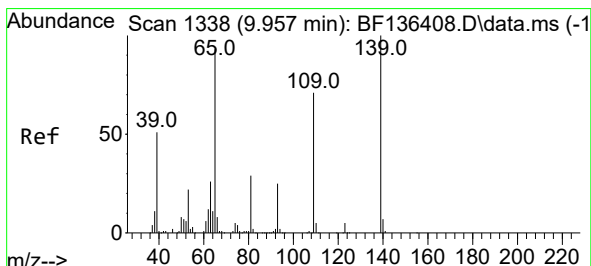
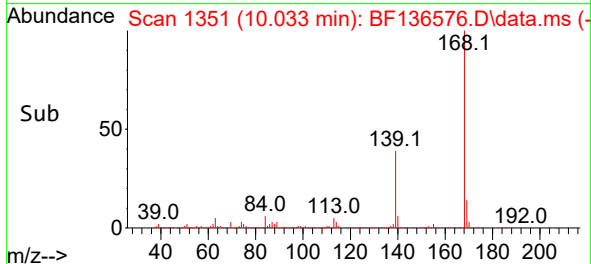
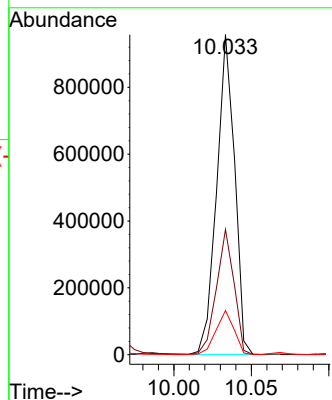


#55
Dibenzenofuran
Concen: 49.366 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

Instrument :
BNA_F
ClientSampleId :

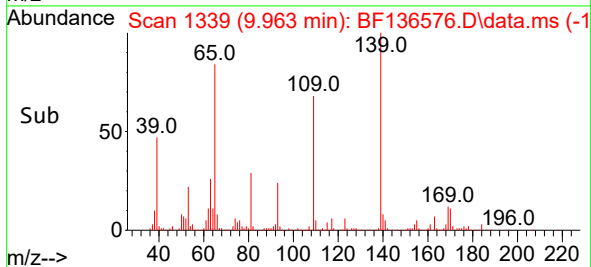
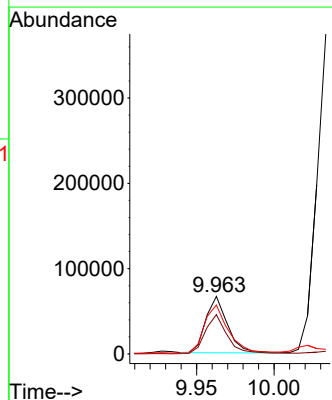
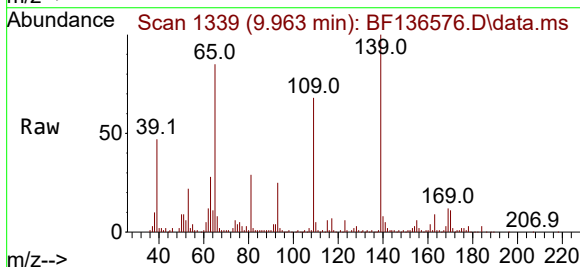


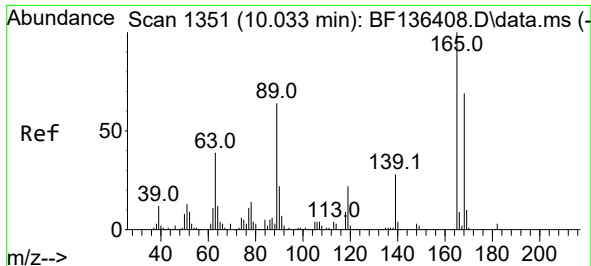
Tgt Ion:168 Resp: 767321
Ion Ratio Lower Upper
168 100
139 39.2 30.4 45.6
169 13.8 9.9 14.9



#56
4-Nitrophenol
Concen: 28.815 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

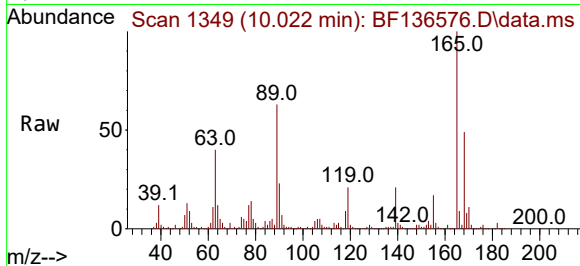
Tgt Ion:139 Resp: 64302
Ion Ratio Lower Upper
139 100
109 68.5 50.6 90.6
65 84.9 73.1 113.1



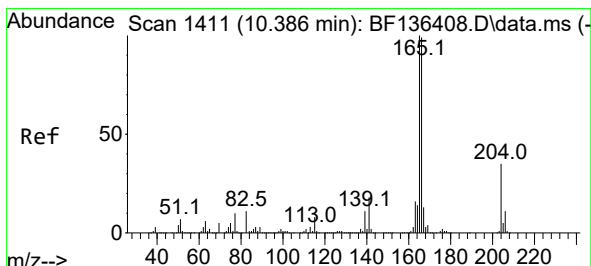
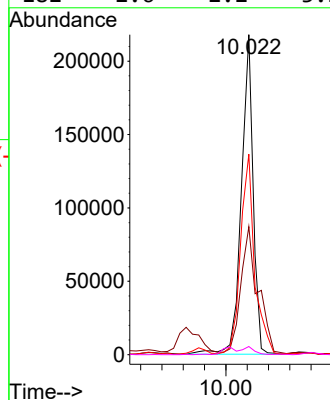
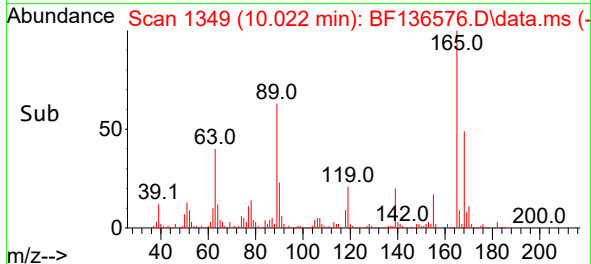


#57
2,4-Dinitrotoluene
Concen: 43.513 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

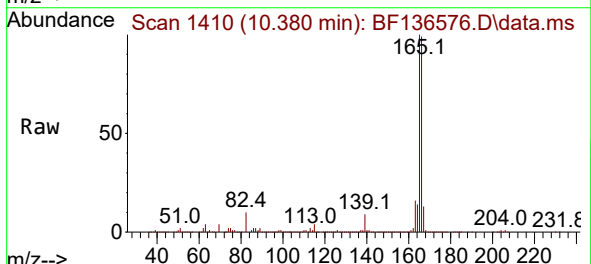
Instrument :
BNA_F
ClientSampleId :



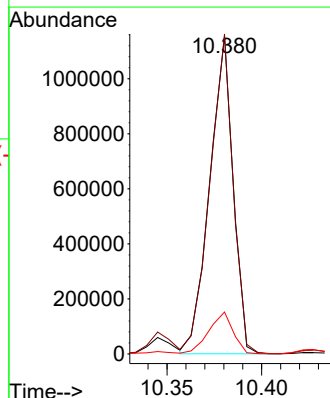
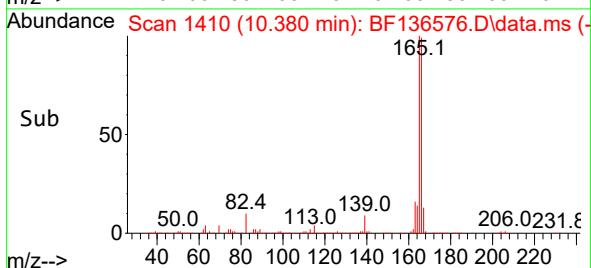
Tgt Ion:165 Resp: 167796
Ion Ratio Lower Upper
165 100
63 40.0 31.4 47.2
89 62.7 51.7 77.5
182 2.6 2.2 3.2

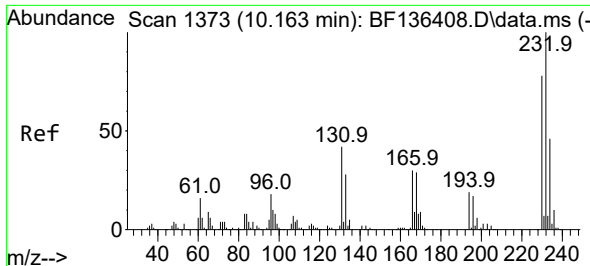


#58
Fluorene
Concen: 79.721 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19



Tgt Ion:166 Resp: 994703
Ion Ratio Lower Upper
166 100
165 100.7 80.5 120.7
167 13.2 10.5 15.7

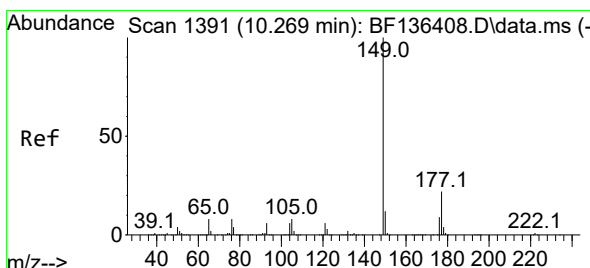
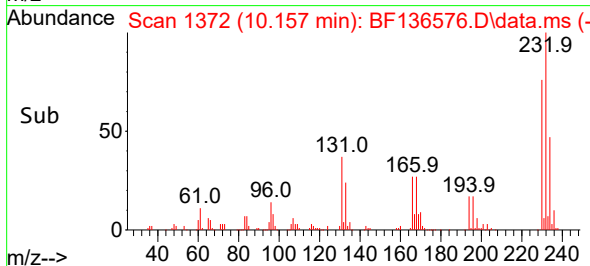
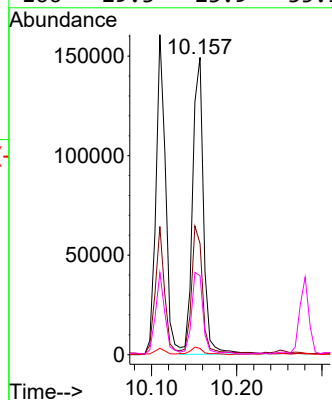
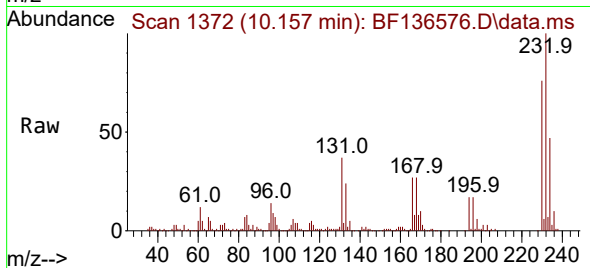




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.379 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.006 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

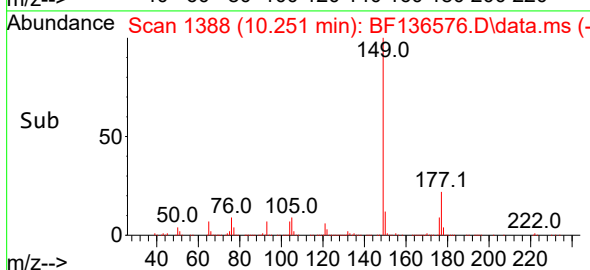
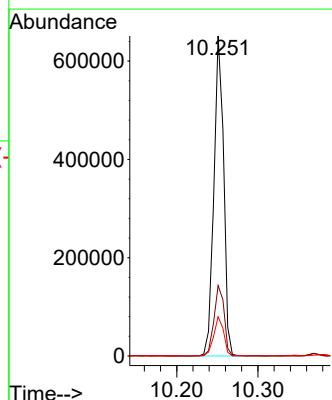
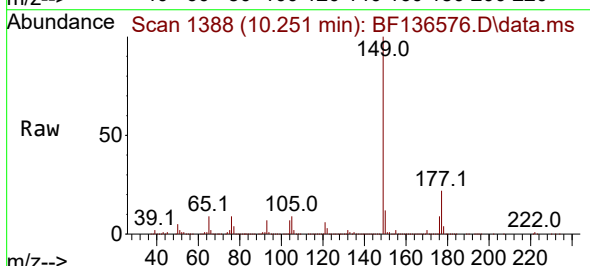
Instrument :
BNA_F
ClientSampleId :

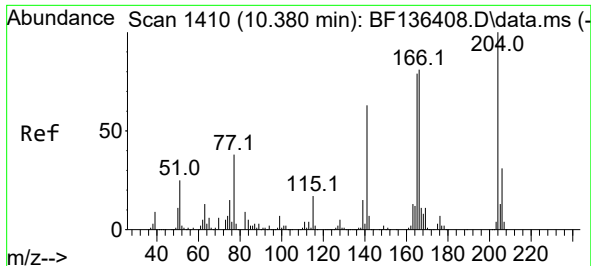
Tgt Ion:232 Resp: 131890
Ion Ratio Lower Upper
232 100
131 43.1 34.3 51.5
130 3.3 1.6 2.4#
166 29.3 23.9 35.9



#60
Diethylphthalate
Concen: 42.499 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.000 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

Tgt Ion:149 Resp: 541491
Ion Ratio Lower Upper
149 100
177 22.0 17.8 26.8
150 12.2 9.4 14.0

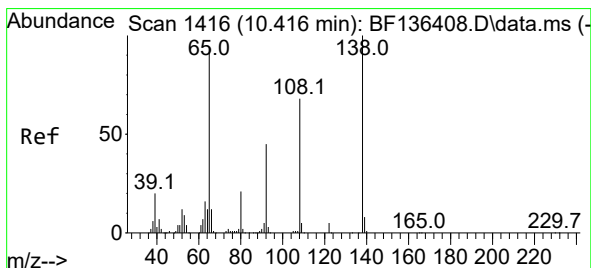
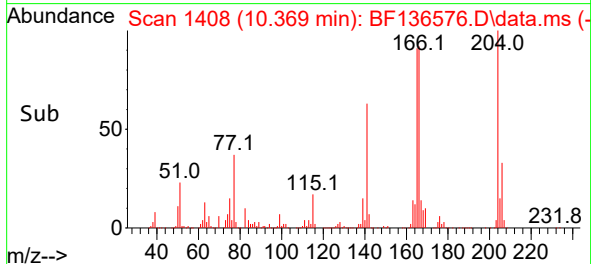
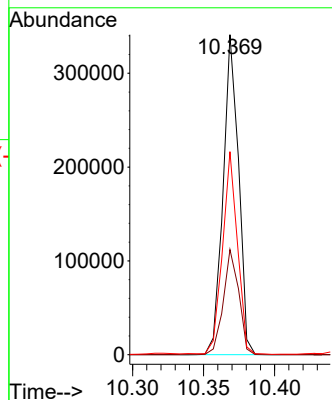
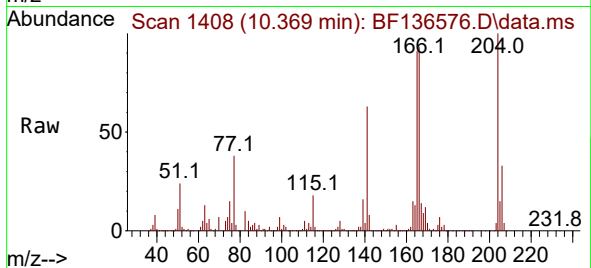




#61
4-Chlorophenyl-phenylether
Concen: 42.205 ng
RT: 10.369 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

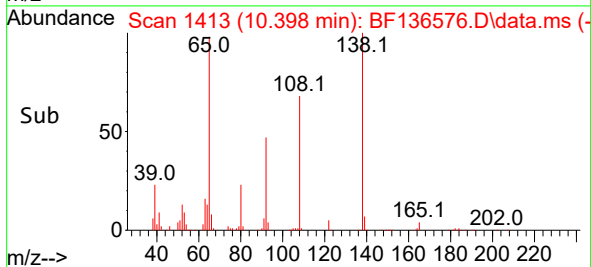
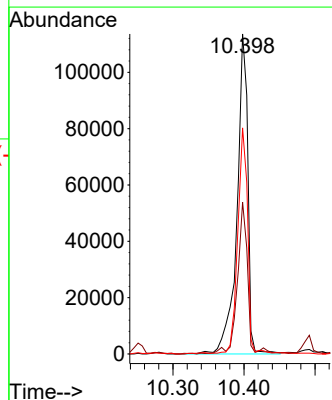
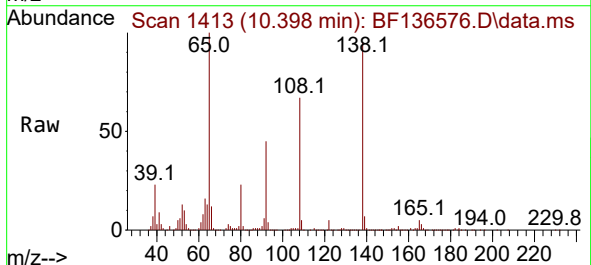
Instrument :
BNA_F
ClientSampleId :

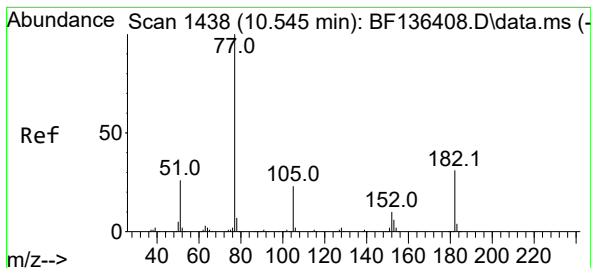
Tgt Ion:204 Resp: 256717
Ion Ratio Lower Upper
204 100
206 32.9 24.6 36.8
141 63.5 50.3 75.5



#62
4-Nitroaniline
Concen: 41.076 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

Tgt Ion:138 Resp: 121410
Ion Ratio Lower Upper
138 100
92 47.4 25.0 65.0
108 70.6 47.9 87.9





#63

Azobenzene

Concen: 40.497 ng

RT: 10.527 min Scan# 1435

Delta R.T. -0.000 min

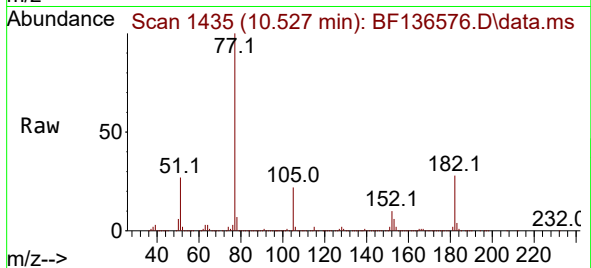
Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 469657

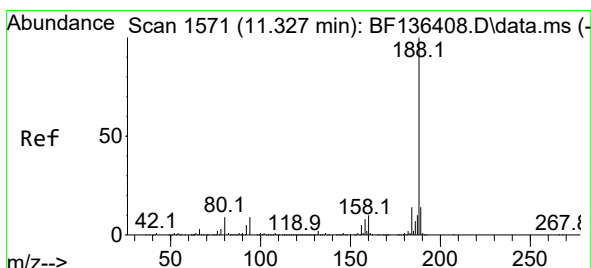
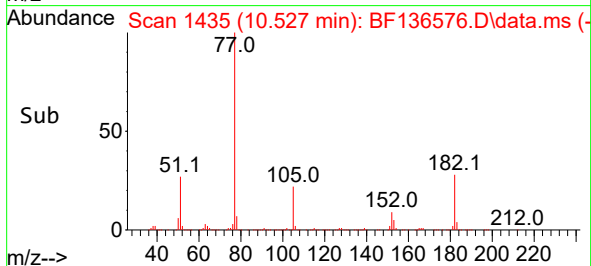
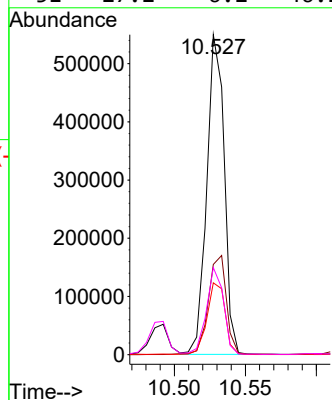
Ion Ratio Lower Upper

77 100

182 28.2 10.8 50.8

105 22.4 2.6 42.6

51 27.2 6.2 46.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1569

Delta R.T. -0.000 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

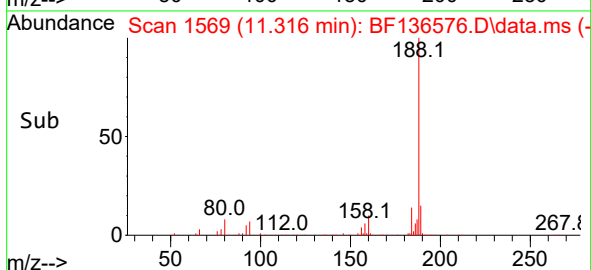
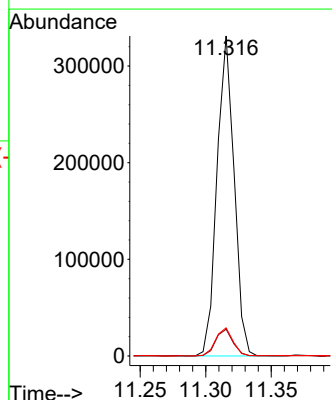
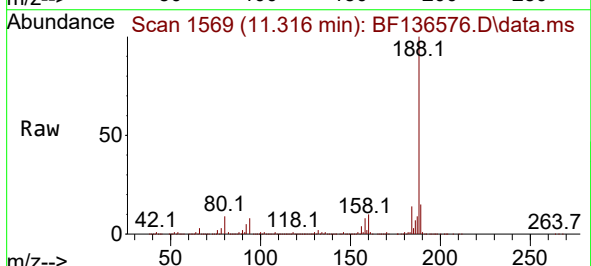
Tgt Ion:188 Resp: 300375

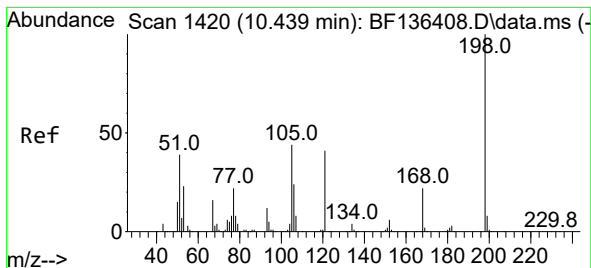
Ion Ratio Lower Upper

188 100

94 8.4 7.2 10.8

80 8.8 7.2 10.8

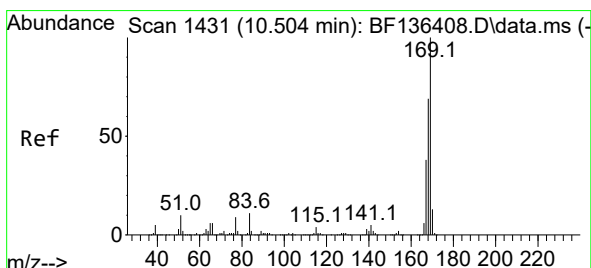
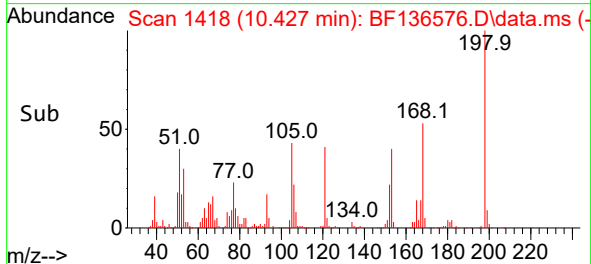
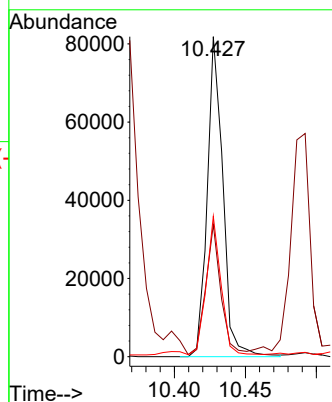
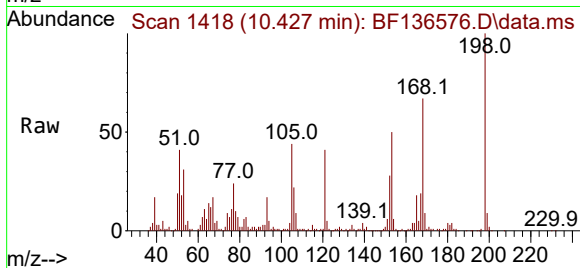




#65
4,6-Dinitro-2-methylphenol
Concen: 33.743 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

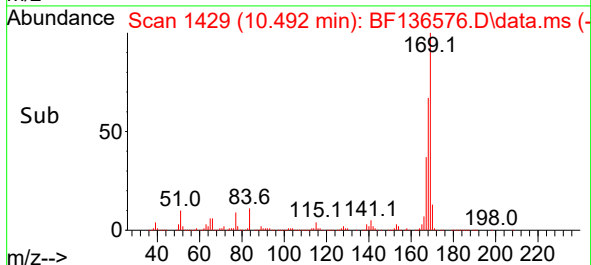
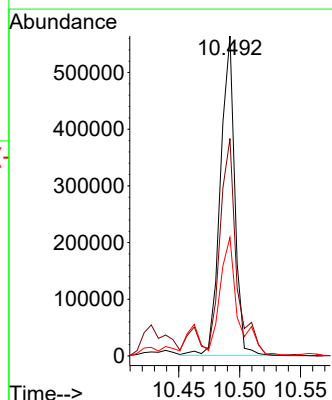
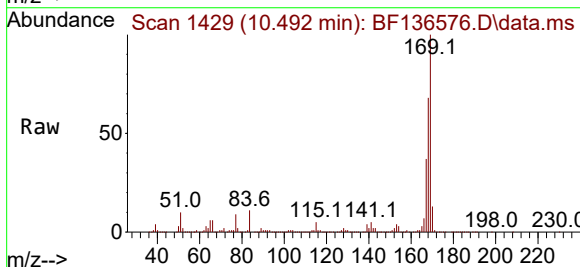
Instrument :
BNA_F
ClientSampleId :

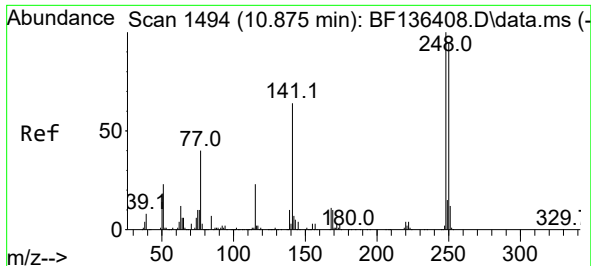
Tgt Ion:198 Resp: 62770
Ion Ratio Lower Upper
198 100
51 41.3 24.1 64.1
105 43.8 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 48.387 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

Tgt Ion:169 Resp: 466373
Ion Ratio Lower Upper
169 100
168 68.0 55.3 82.9
167 37.1 30.1 45.1

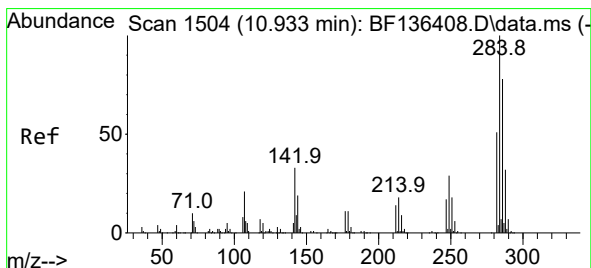
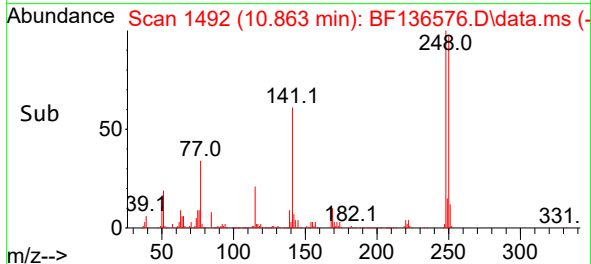
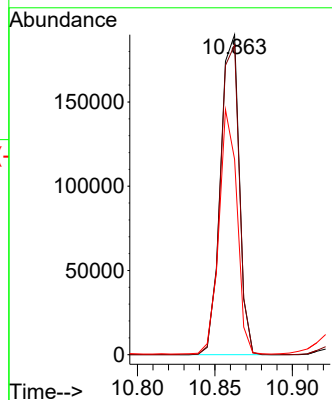
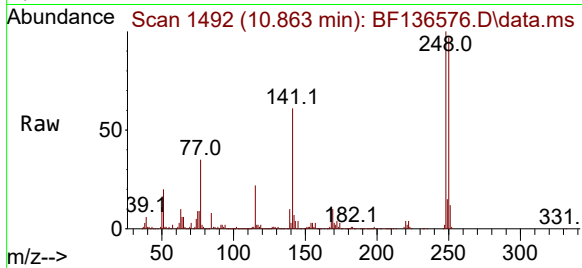




#67
4-Bromophenyl-phenylether
Concen: 45.932 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.000 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

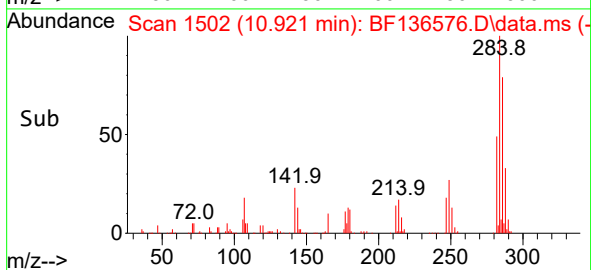
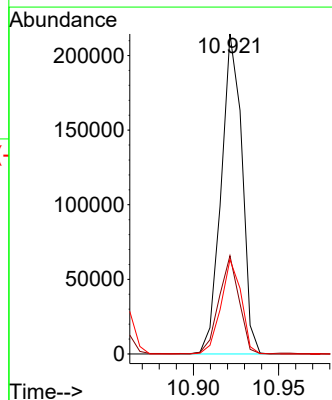
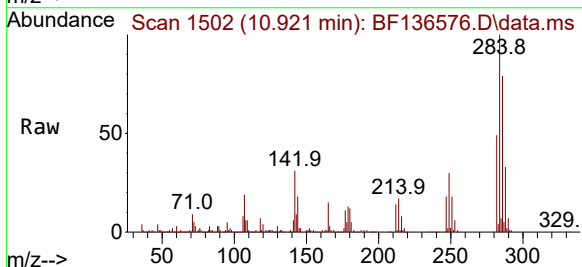
Instrument :
BNA_F
ClientSampleId :

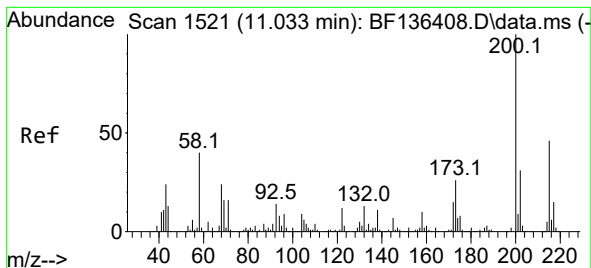
Tgt Ion:248 Resp: 160411
Ion Ratio Lower Upper
248 100
250 96.8 76.2 114.2
141 61.0 51.0 76.4



#68
Hexachlorobenzene
Concen: 45.059 ng
RT: 10.921 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

Tgt Ion:284 Resp: 181873
Ion Ratio Lower Upper
284 100
142 30.7 26.5 39.7
249 29.5 23.4 35.0





#69

Atrazine

Concen: 55.727 ng

RT: 11.027 min Scan# 1520

Delta R.T. 0.006 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

Instrument :

BNA_F

ClientSampleId :

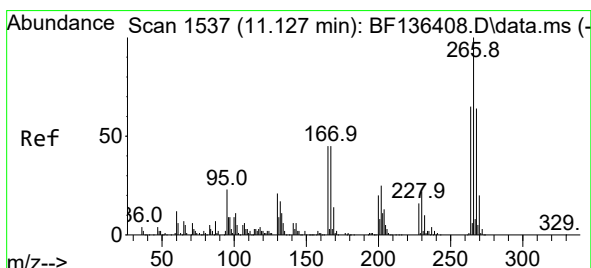
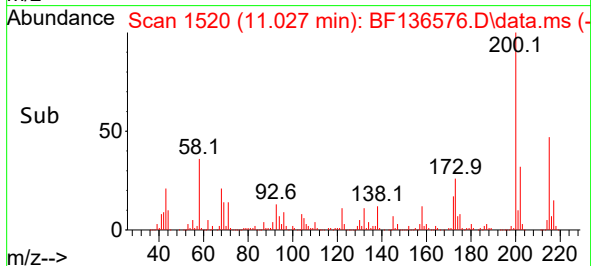
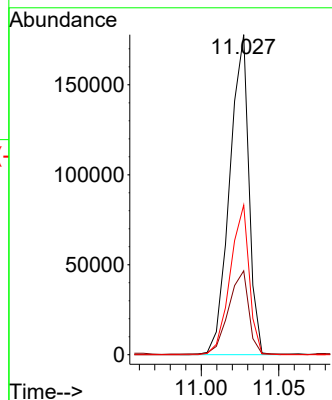
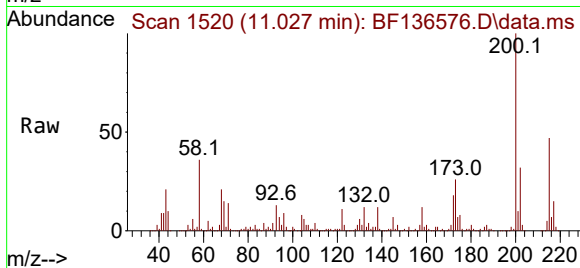
Tgt Ion:200 Resp: 153303

Ion Ratio Lower Upper

200 100

173 26.2 6.0 46.0

215 46.7 25.5 65.5



#70

Pentachlorophenol

Concen: 83.742 ng

RT: 11.127 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

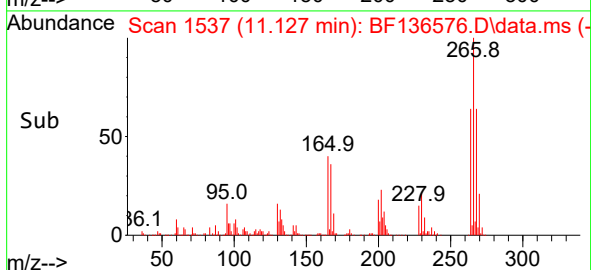
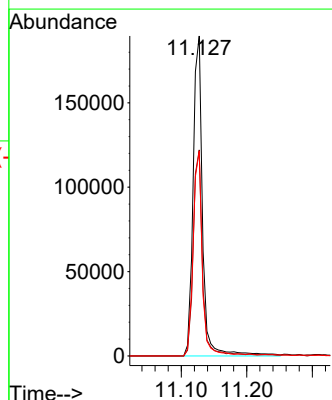
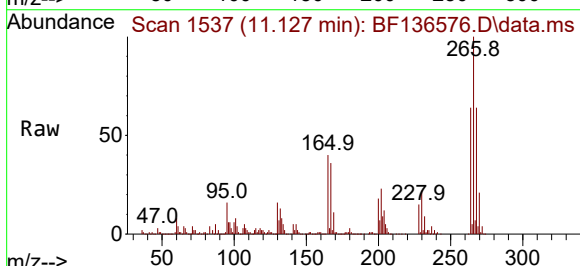
Tgt Ion:266 Resp: 190768

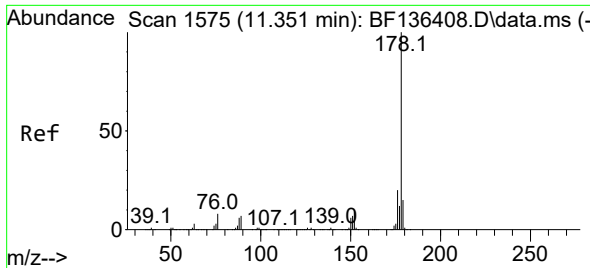
Ion Ratio Lower Upper

266 100

268 64.4 51.0 76.6

264 64.0 52.2 78.4

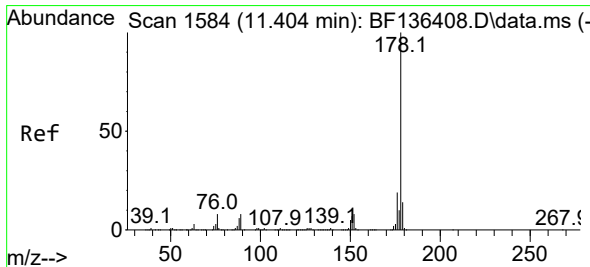
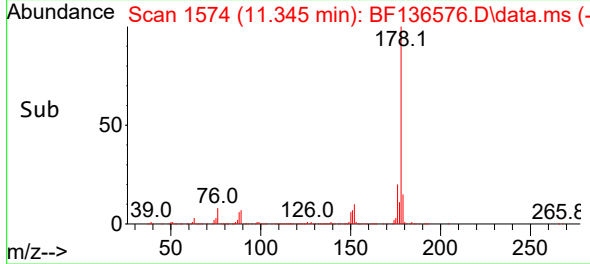
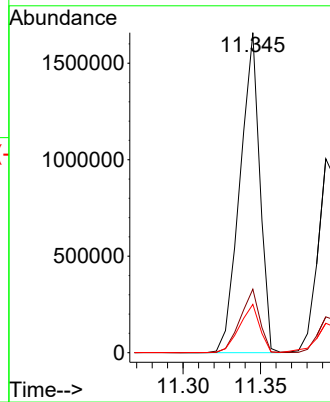
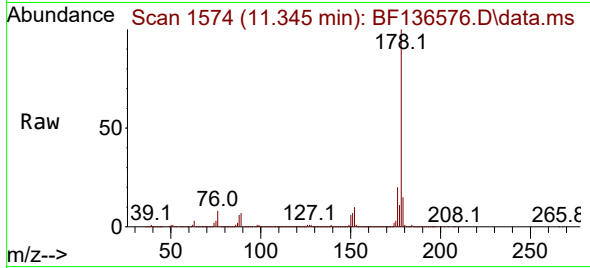




#71
Phenanthrene
Concen: 89.362 ng
RT: 11.345 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

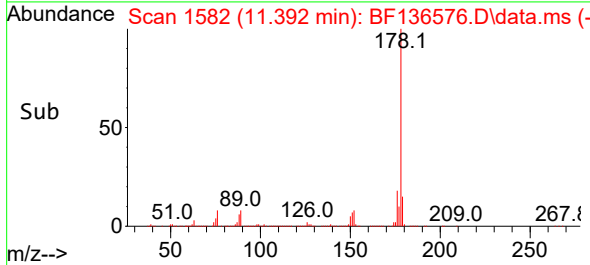
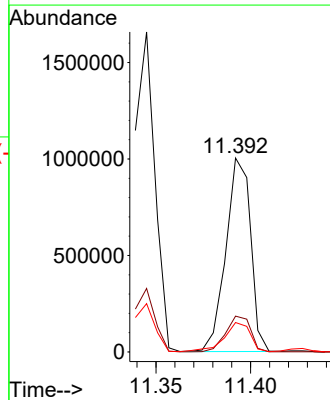
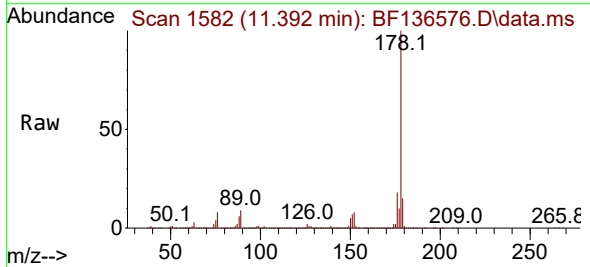
Instrument :
BNA_F
ClientSampleId :

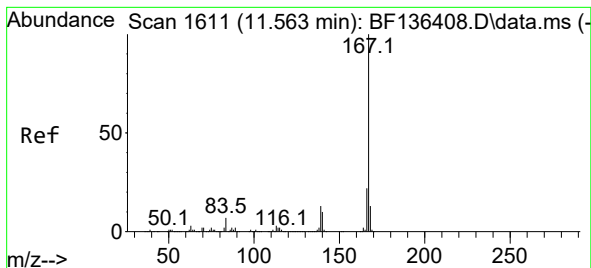
Tgt Ion:178 Resp: 1475368
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 15.1 11.8 17.6



#72
Anthracene
Concen: 54.778 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

Tgt Ion:178 Resp: 910916
Ion Ratio Lower Upper
178 100
176 18.5 15.3 22.9
179 15.2 11.4 17.0





#73

Carbazole

Concen: 68.028 ng

RT: 11.557 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

Instrument :

BNA_F

ClientSampleId :

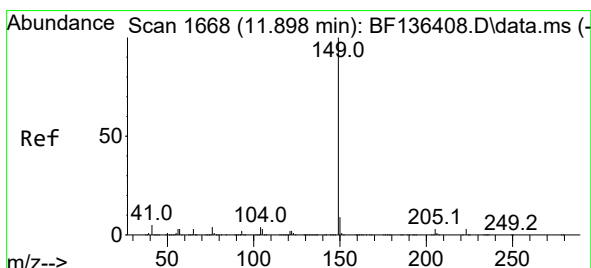
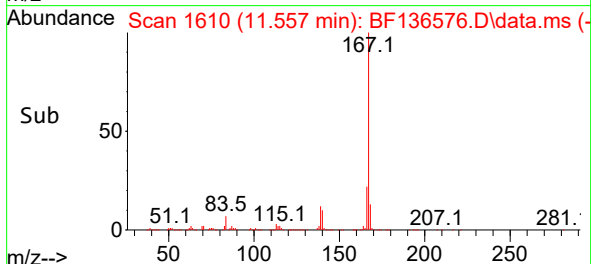
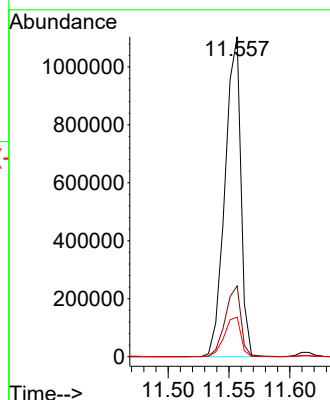
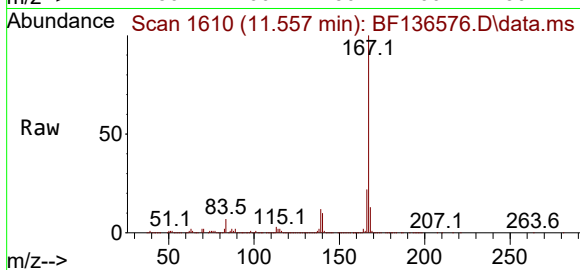
Tgt Ion:167 Resp: 1001235

Ion Ratio Lower Upper

167 100

166 22.1 18.0 27.0

139 12.4 10.2 15.4



#74

Di-n-butylphthalate

Concen: 45.968 ng

RT: 11.886 min Scan# 1666

Delta R.T. -0.000 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

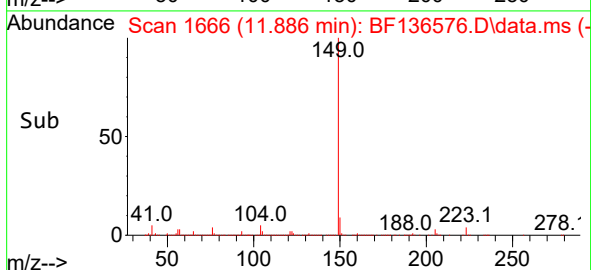
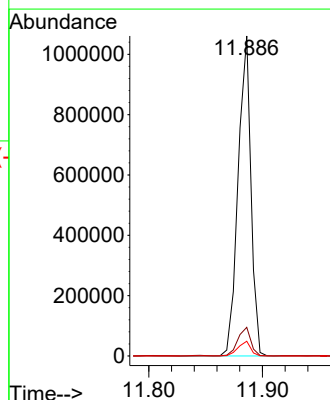
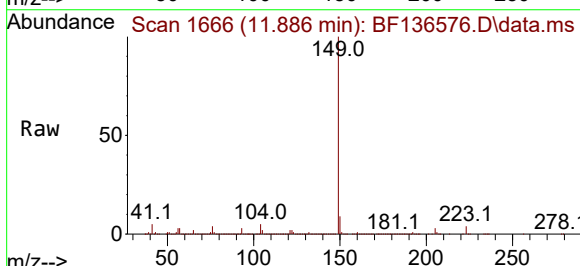
Tgt Ion:149 Resp: 829397

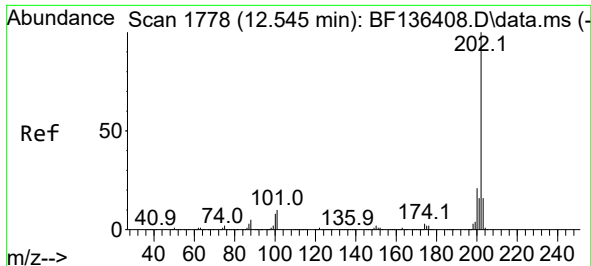
Ion Ratio Lower Upper

149 100

150 9.0 6.9 10.3

104 4.6 3.5 5.3

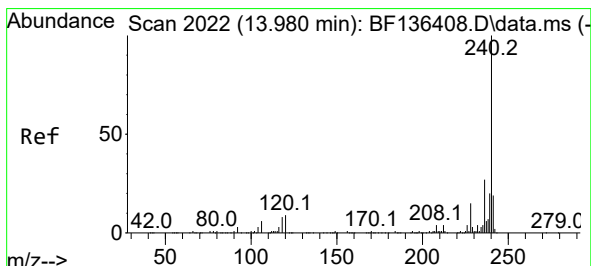
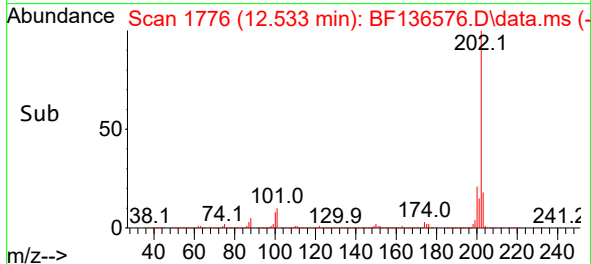
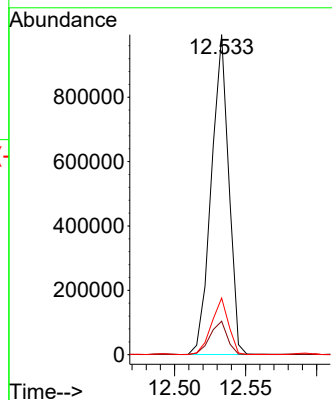
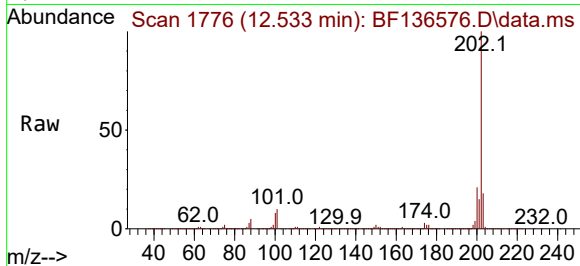




#75
Fluoranthene
Concen: 48.806 ng
RT: 12.533 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

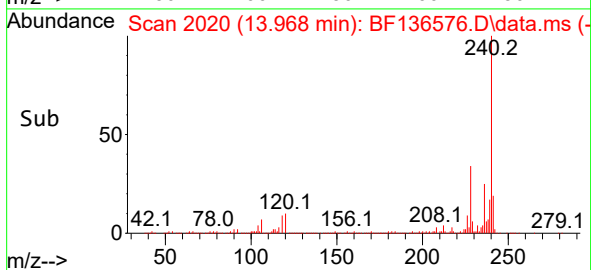
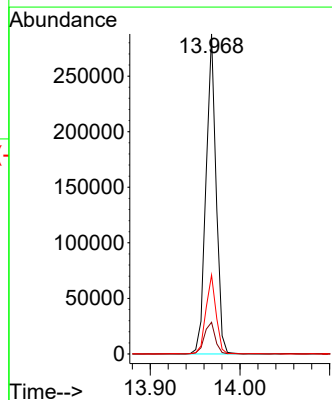
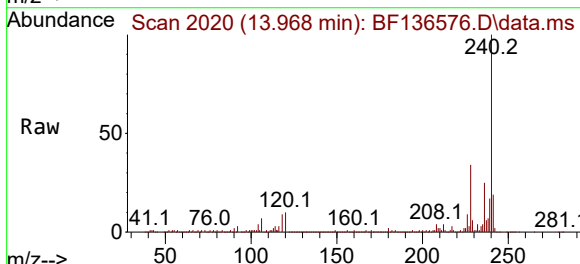
Instrument :
BNA_F
ClientSampleId :

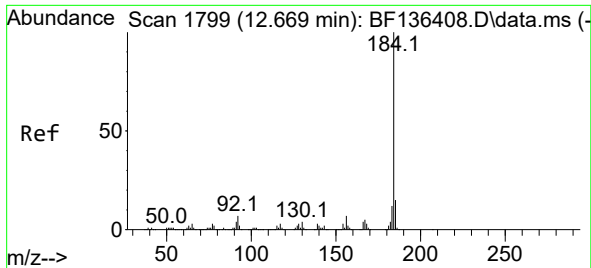
Tgt Ion:202 Resp: 844424
Ion Ratio Lower Upper
202 100
101 10.5 0.0 29.9
203 17.7 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

Tgt Ion:240 Resp: 224631
Ion Ratio Lower Upper
240 100
120 9.9 7.3 10.9
236 24.7 21.3 31.9

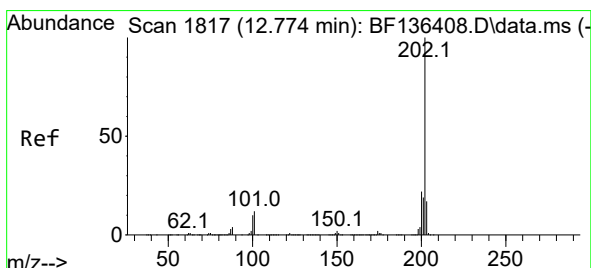
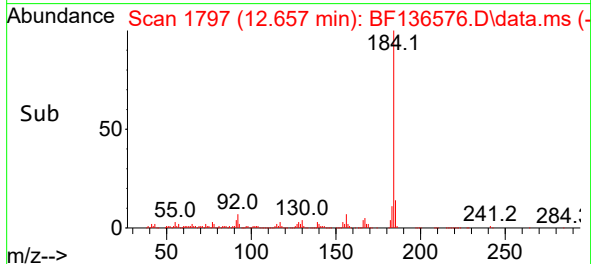
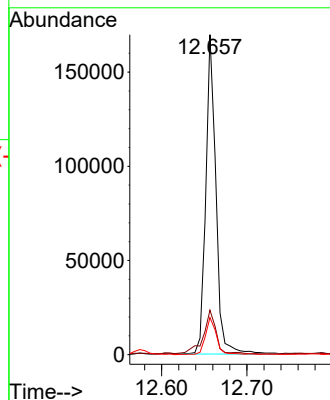
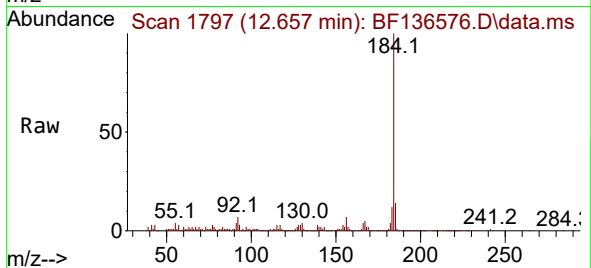




#77
Benzidine
Concen: 31.646 ng
RT: 12.657 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

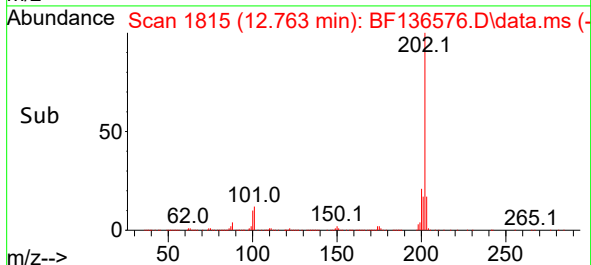
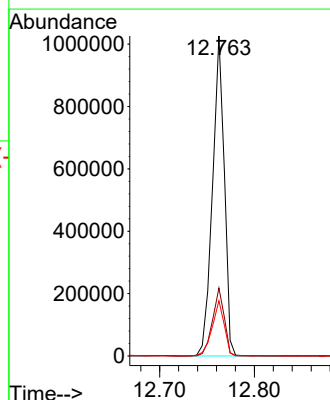
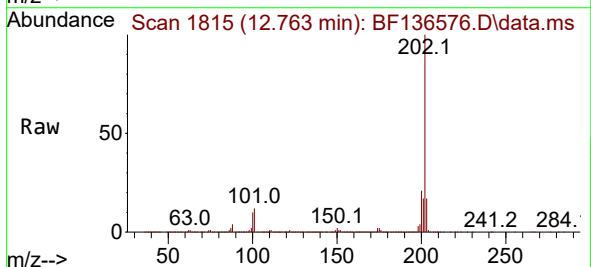
Instrument :
BNA_F
ClientSampleId :

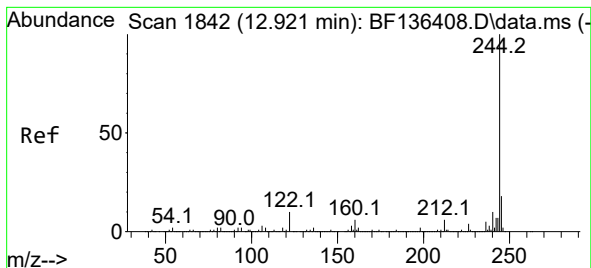
Tgt Ion:184 Resp: 139645
Ion Ratio Lower Upper
184 100
185 13.9 12.0 18.0
183 11.6 9.4 14.0



#78
Pyrene
Concen: 40.239 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

Tgt Ion:202 Resp: 885231
Ion Ratio Lower Upper
202 100
200 21.2 18.0 27.0
203 17.3 13.5 20.3





#79

Terphenyl-d14

Concen: 66.756 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.000 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

Instrument :

BNA_F

ClientSampleId :

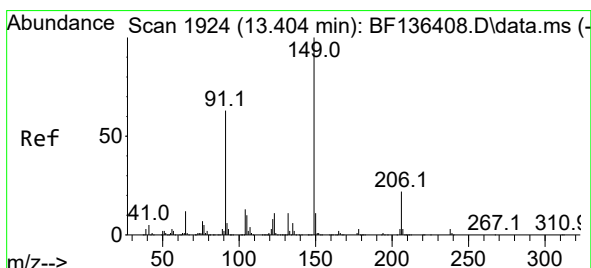
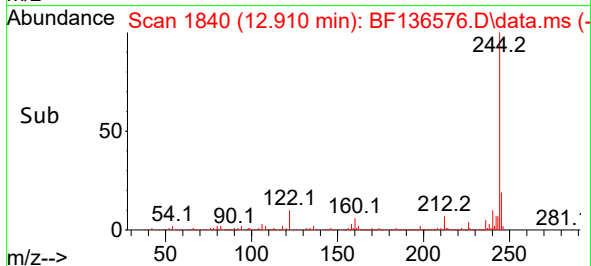
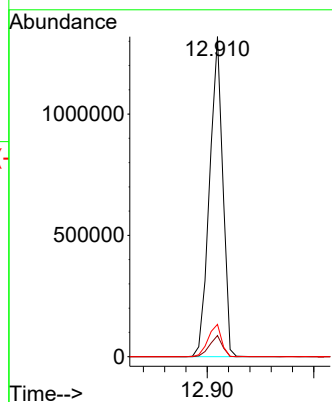
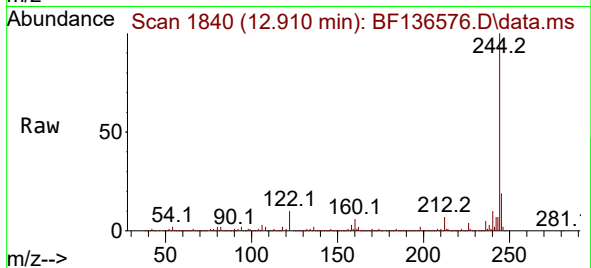
Tgt Ion:244 Resp: 1137712

Ion Ratio Lower Upper

244 100

212 6.6 5.0 7.4

122 10.1 8.3 12.5



#80

Butylbenzylphthalate

Concen: 42.117 ng

RT: 13.392 min Scan# 1922

Delta R.T. 0.006 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

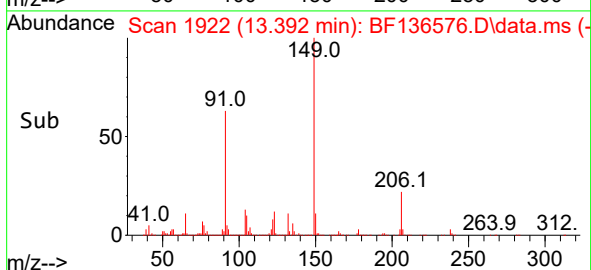
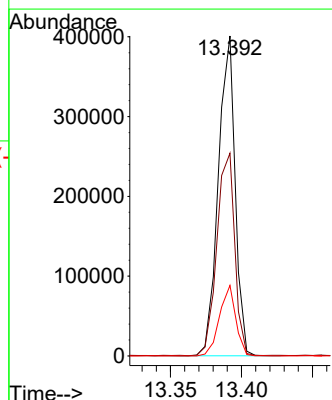
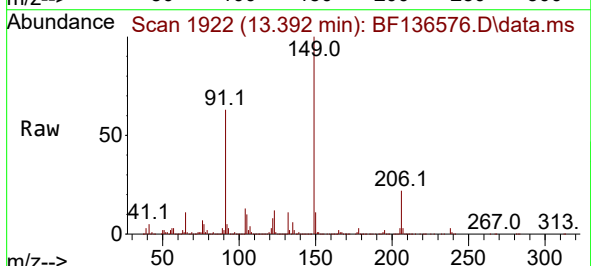
Tgt Ion:149 Resp: 329833

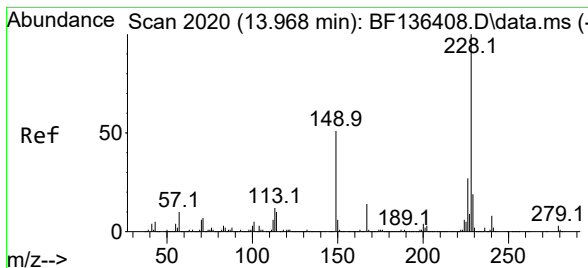
Ion Ratio Lower Upper

149 100

91 63.4 50.5 75.7

206 22.0 17.4 26.2





#81

Benzo(a)anthracene

Concen: 46.261 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

Instrument :

BNA_F

ClientSampleId :

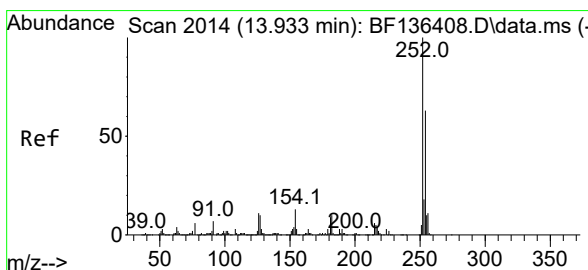
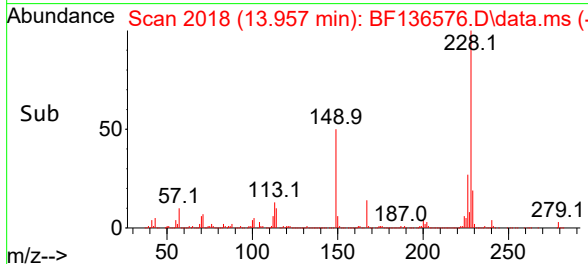
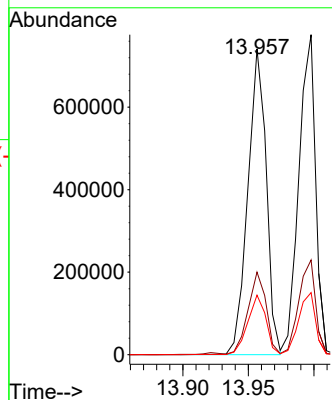
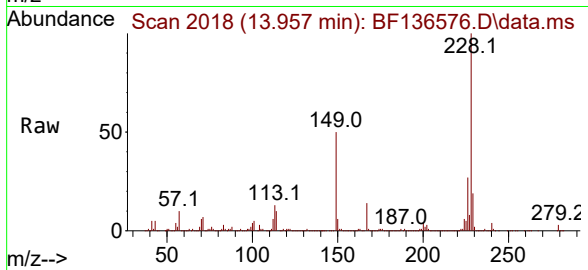
Tgt Ion:228 Resp: 723849

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

229 19.5 15.0 22.4



#82

3,3'-Dichlorobenzidine

Concen: 48.672 ng

RT: 13.921 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

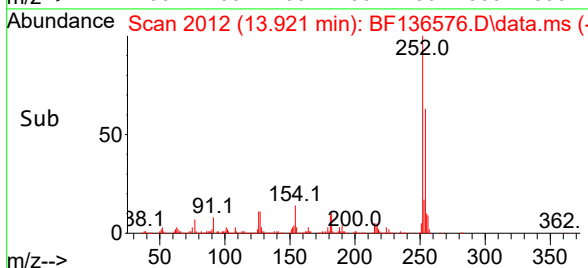
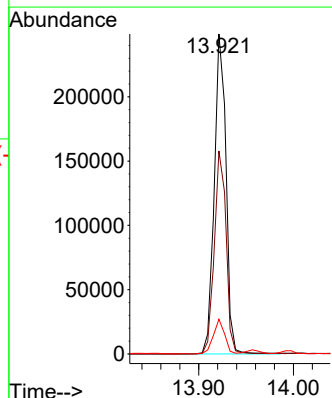
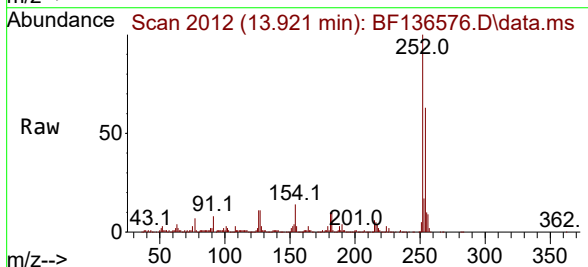
Tgt Ion:252 Resp: 213529

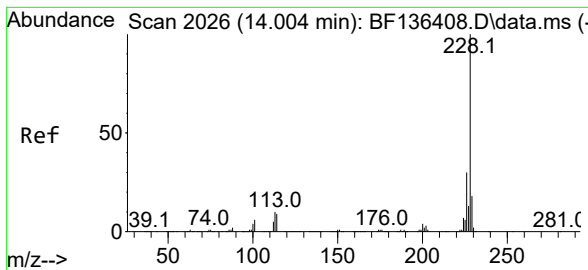
Ion Ratio Lower Upper

252 100

254 63.5 50.8 76.2

126 10.8 8.6 12.8





#83

Chrysene

Concen: 44.753 ng

RT: 13.998 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

Instrument :

BNA_F

ClientSampleId :

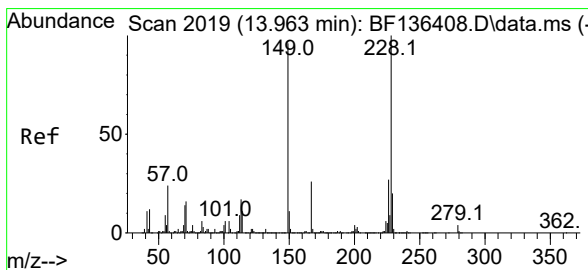
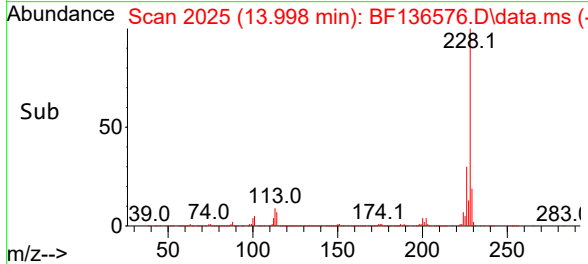
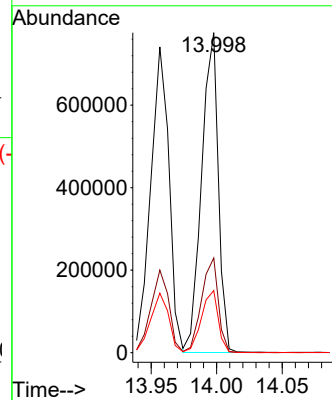
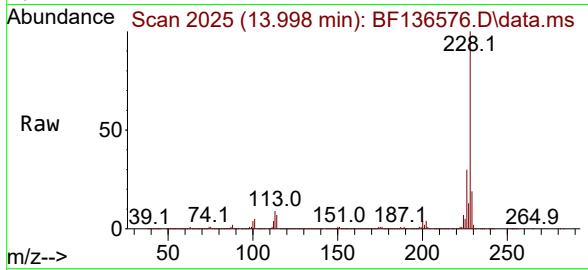
Tgt Ion:228 Resp: 688951

Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.6

229 19.4 14.8 22.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.032 ng

RT: 13.951 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

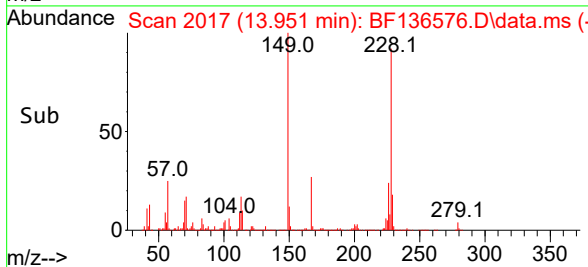
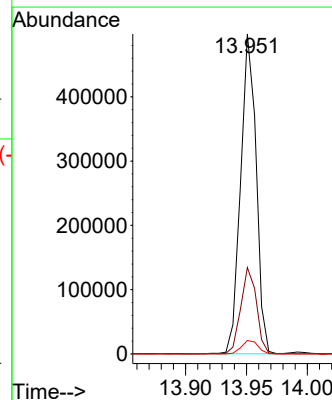
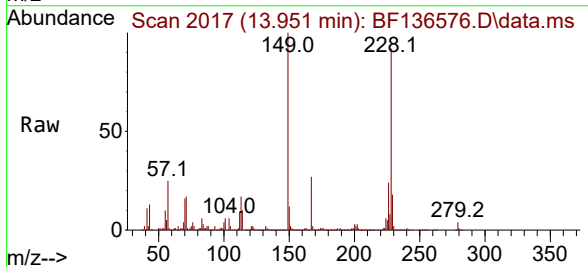
Tgt Ion:149 Resp: 441934

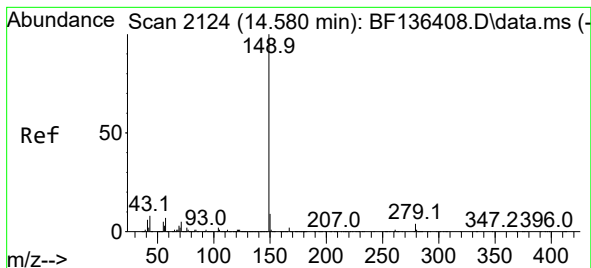
Ion Ratio Lower Upper

149 100

167 27.0 21.2 31.8

279 4.2 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 55.507 ng

RT: 14.568 min Scan# 2122

Delta R.T. -0.000 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

Instrument :

BNA_F

ClientSampleId :

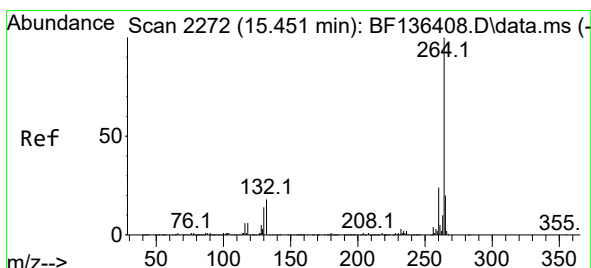
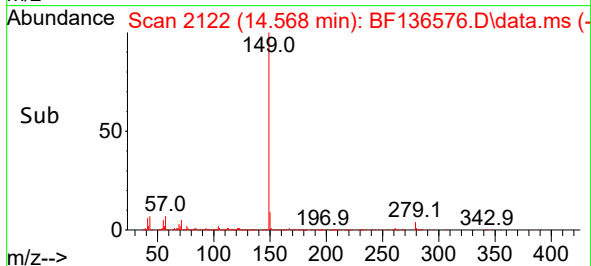
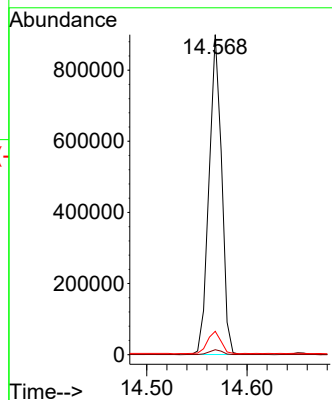
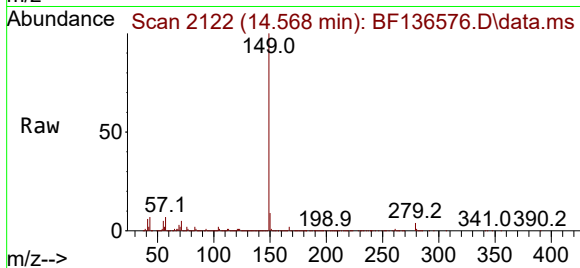
Tgt Ion:149 Resp: 787140

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.5 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.006 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

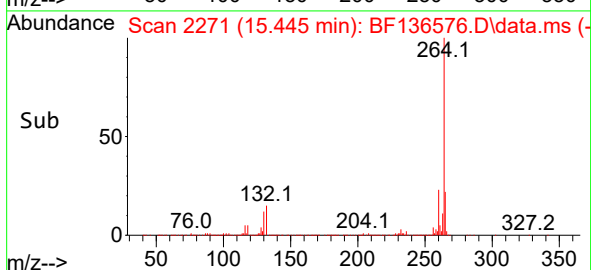
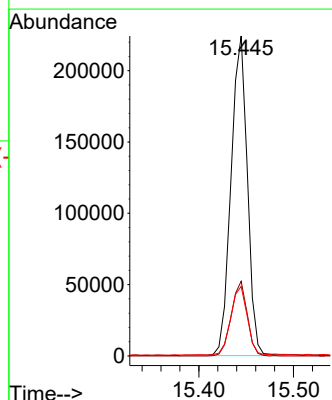
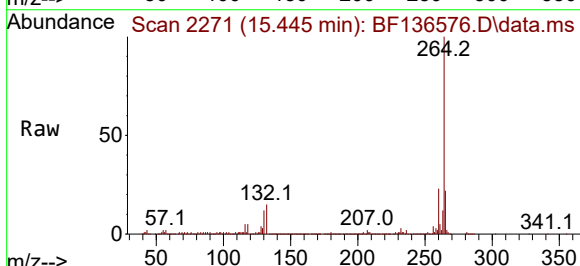
Tgt Ion:264 Resp: 268727

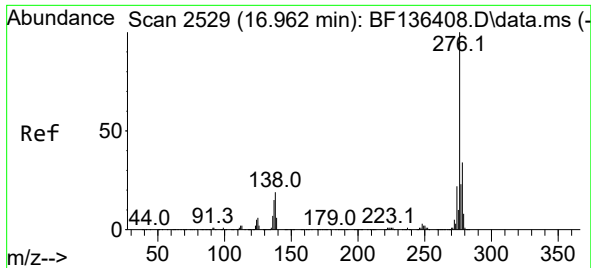
Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

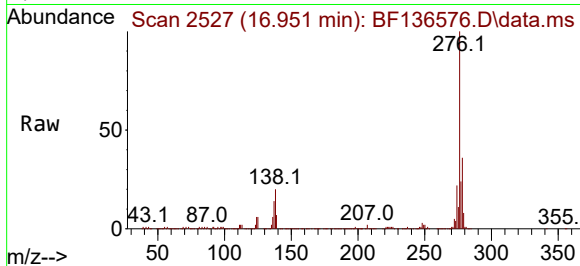
265 21.8 15.9 23.9



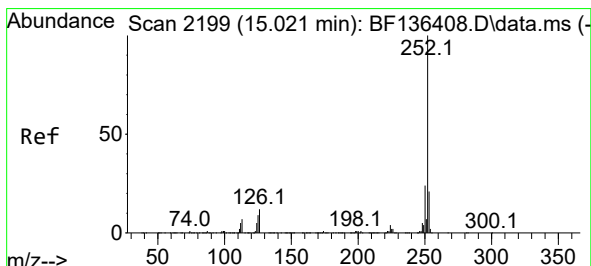
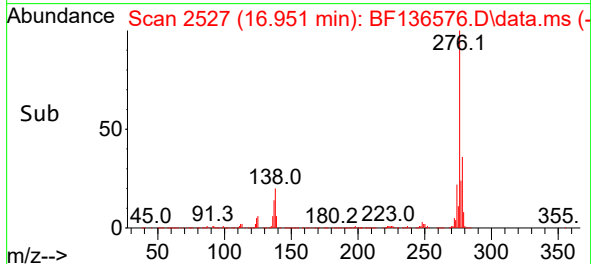
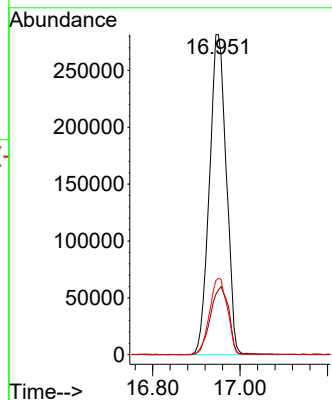


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.497 ng
 RT: 16.951 min Scan# 2198
 Delta R.T. 0.006 min
 Lab File: BF136576.D
 Acq: 14 Dec 2023 19:19

Instrument :
 BNA_F
 ClientSampleId :

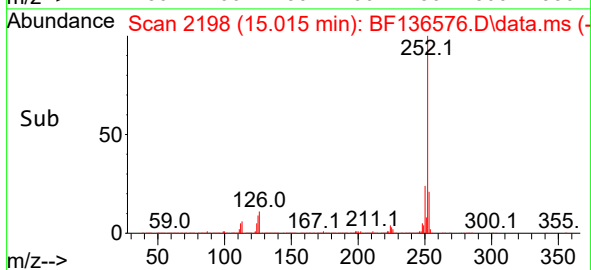
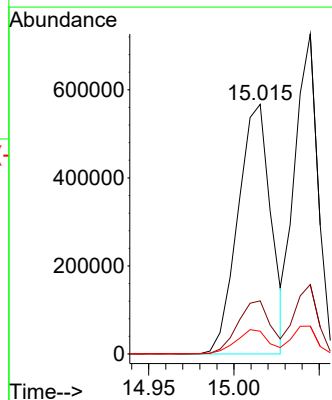
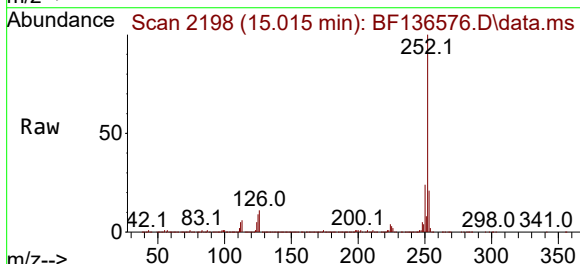


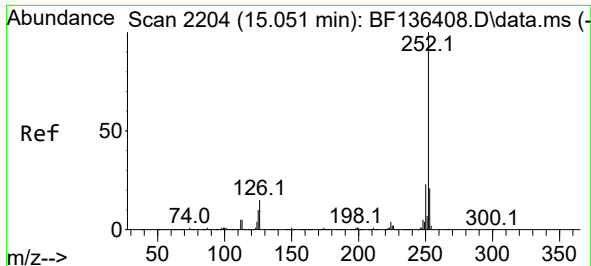
Tgt Ion:276 Resp: 756044
 Ion Ratio Lower Upper
 276 100
 138 22.9 19.0 28.4
 277 25.2 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 41.675 ng
 RT: 15.015 min Scan# 2198
 Delta R.T. 0.006 min
 Lab File: BF136576.D
 Acq: 14 Dec 2023 19:19

Tgt Ion:252 Resp: 765709
 Ion Ratio Lower Upper
 252 100
 253 21.3 16.9 25.3
 125 9.1 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 39.520 ng

RT: 15.045 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

Instrument :

BNA_F

ClientSampleId :

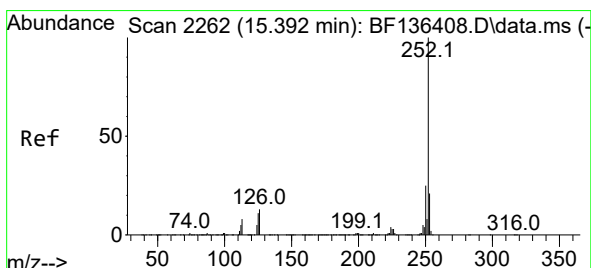
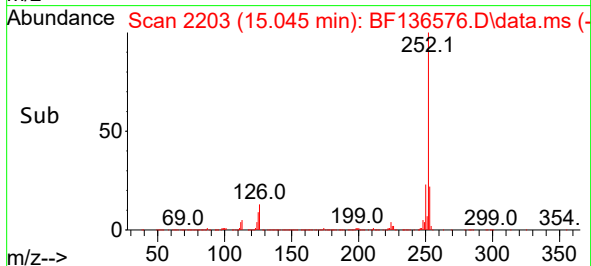
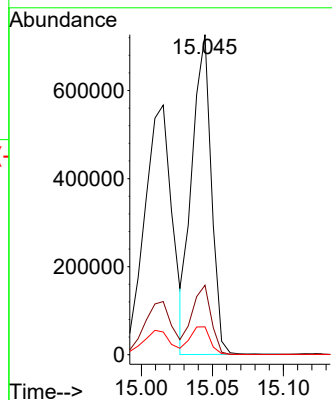
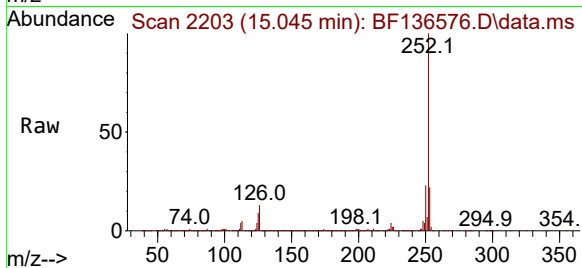
Tgt Ion:252 Resp: 684314

Ion Ratio Lower Upper

252 100

253 21.7 16.9 25.3

125 8.7 7.5 11.3



#90

Benzo(a)pyrene

Concen: 43.716 ng

RT: 15.386 min Scan# 2261

Delta R.T. 0.006 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

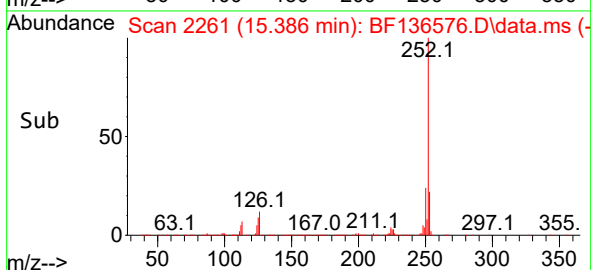
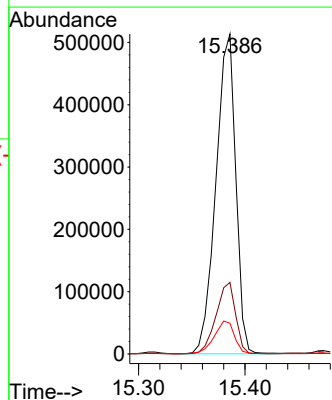
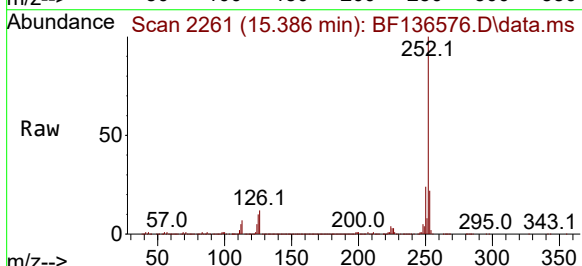
Tgt Ion:252 Resp: 663335

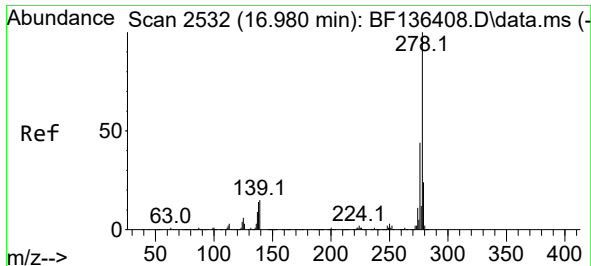
Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.4

125 9.6 8.6 13.0

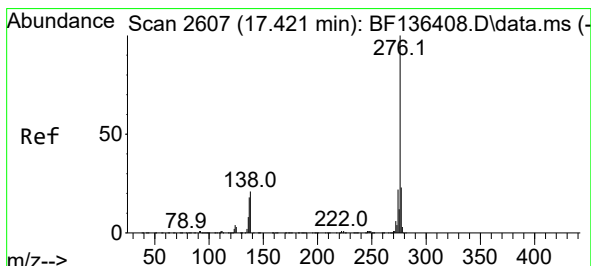
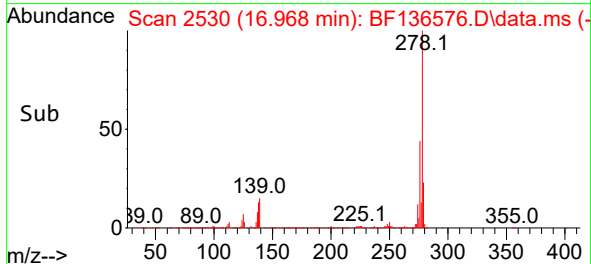
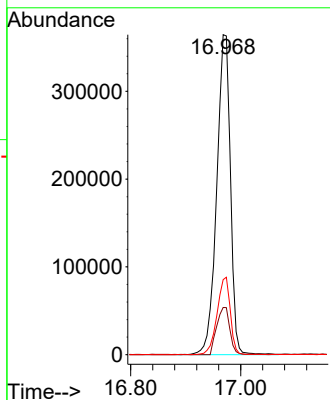
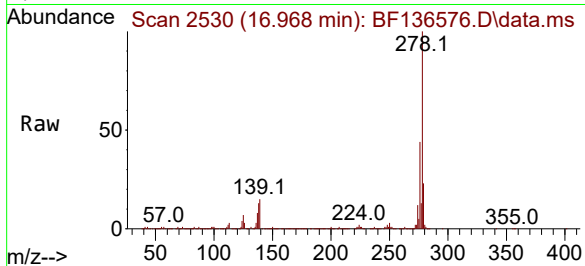




#91
Dibenzo(a,h)anthracene
Concen: 41.292 ng
RT: 16.968 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 631532
Ion Ratio Lower Upper
278 100
139 14.7 12.2 18.4
279 23.4 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 36.714 ng
RT: 17.409 min Scan# 2605
Delta R.T. 0.006 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

Tgt Ion:276 Resp: 576350
Ion Ratio Lower Upper
276 100
277 23.6 18.7 28.1
138 20.0 16.6 25.0

