

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
 Data File : BF136913.D
 Acq On : 03 Jan 2024 18:09
 Operator : CG\JU
 Sample : PB157954BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157954BS

Quant Time: Jan 04 03:39:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	77590	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	304111	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	158162	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	307337	20.000	ng	0.00
76) Chrysene-d12	13.963	240	165828	20.000	ng	0.00
86) Perylene-d12	15.445	264	141574	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	560707	112.755	ng	0.00
7) Phenol-d6	6.440	99	701607	108.885	ng	0.00
23) Nitrobenzene-d5	7.351	82	429360	72.246	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	215552	115.720	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	870679	74.041	ng	-0.01
79) Terphenyl-d14	12.904	244	962577	81.118	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.616	88	71066	34.299	ng	96
3) Pyridine	3.381	79	163795	32.400	ng	94
4) n-Nitrosodimethylamine	3.346	42	96647	35.800	ng	99
6) Aniline	6.451	93	225359	34.981	ng	# 34
8) 2-Chlorophenol	6.575	128	216573	39.797	ng	94
9) Benzaldehyde	6.340	77	91787	25.044	ng	99
10) Phenol	6.451	94	264075	38.391	ng	88
11) bis(2-Chloroethyl)ether	6.522	93	205722	39.327	ng	97
12) 1,3-Dichlorobenzene	6.722	146	218995	36.889	ng	97
13) 1,4-Dichlorobenzene	6.798	146	223995	36.928	ng	98
14) 1,2-Dichlorobenzene	6.951	146	213552	37.835	ng	97
15) Benzyl Alcohol	6.934	79	172990	39.795	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	318804	37.277	ng	87
17) 2-Methylphenol	7.045	107	171969	38.145	ng	99
18) Hexachloroethane	7.287	117	78820	35.780	ng	93
19) n-Nitroso-di-n-propyla...	7.198	70	146679	37.552	ng	96
20) 3+4-Methylphenols	7.198	107	217493	38.616	ng	# 83
22) Acetophenone	7.192	105	296219	38.861	ng	# 90
24) Nitrobenzene	7.369	77	215113	36.133	ng	93
25) Isophorone	7.604	82	404329	37.390	ng	100
26) 2-Nitrophenol	7.681	139	114534	40.211	ng	99
27) 2,4-Dimethylphenol	7.722	122	190438	54.918	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	252377	38.394	ng	100
29) 2,4-Dichlorophenol	7.928	162	177615	39.785	ng	96
30) 1,2,4-Trichlorobenzene	8.004	180	185633	37.320	ng	99
31) Naphthalene	8.081	128	626201	37.481	ng	99
32) Benzoic acid	7.875	122	131175	39.096	ng	97
33) 4-Chloroaniline	8.134	127	130341	21.130	ng	99
34) Hexachlorobutadiene	8.192	225	107769	35.660	ng	99
35) Caprolactam	8.516	113	43018	29.209	ng	93
36) 4-Chloro-3-methylphenol	8.633	107	195720	38.942	ng	98
37) 2-Methylnaphthalene	8.775	142	406400	37.797	ng	100
38) 1-Methylnaphthalene	8.875	142	375806	35.626	ng	100
40) 1,2,4,5-Tetrachloroben...	8.939	216	194497	39.708	ng	99
41) Hexachlorocyclopentadiene	8.922	237	143085	90.906	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	126068	40.132	ng	99

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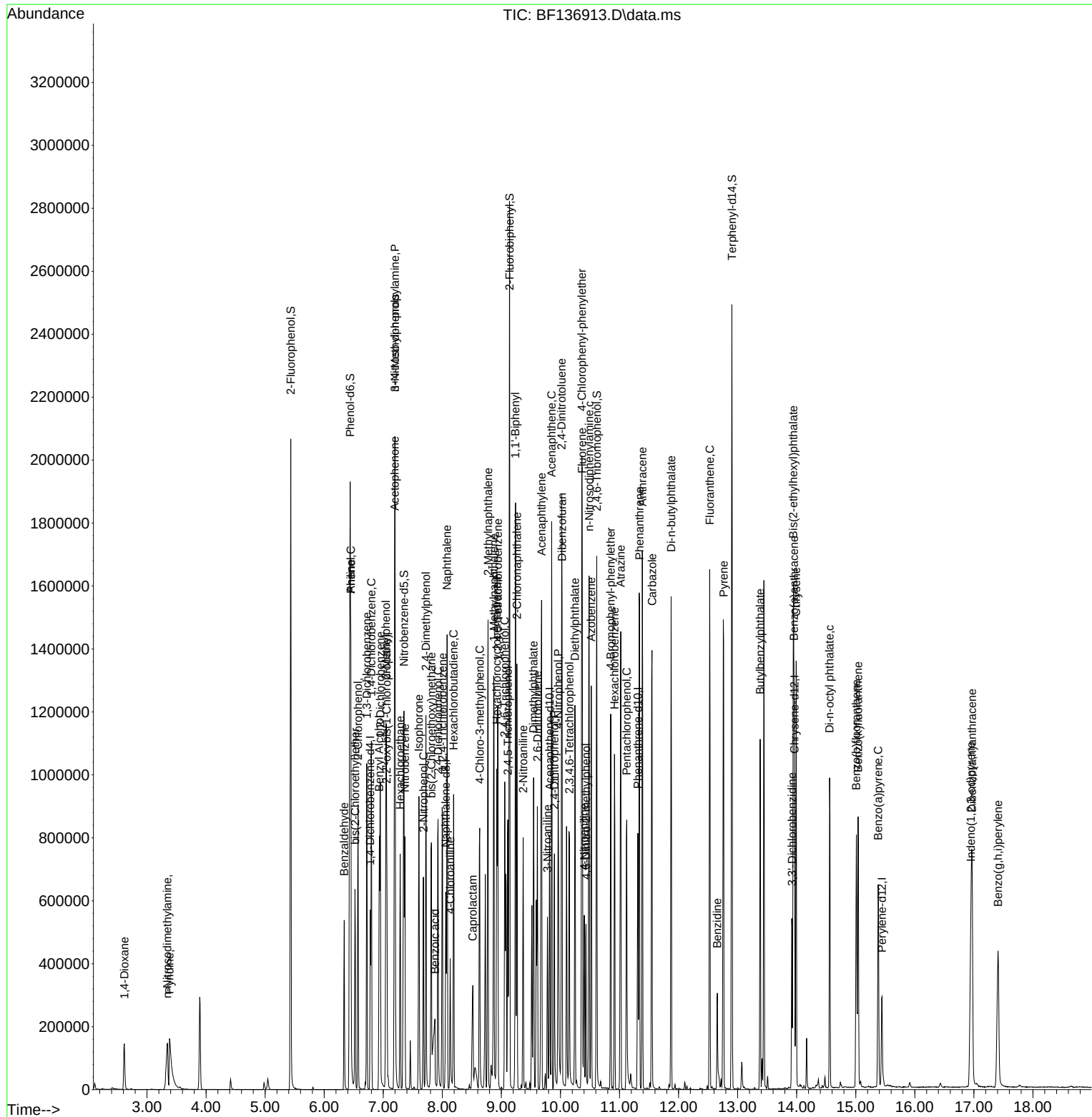
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	136438	38.976	ng	97
46) 1,1'-Biphenyl	9.239	154	521084	39.261	ng	100
47) 2-Chloronaphthalene	9.263	162	381042	37.765	ng	99
48) 2-Nitroaniline	9.369	65	122478	38.764	ng	94
49) Acenaphthylene	9.681	152	607357	39.382	ng	100
50) Dimethylphthalate	9.545	163	454584	39.349	ng	100
51) 2,6-Dinitrotoluene	9.610	165	101323	38.645	ng	# 87
52) Acenaphthene	9.851	154	369670	38.669	ng	98
53) 3-Nitroaniline	9.780	138	80825	29.101	ng	94
54) 2,4-Dinitrophenol	9.898	184	99345	68.911	ng	93
55) Dibenzofuran	10.028	168	556113	38.375	ng	97
56) 4-Nitrophenol	9.963	139	130716	69.719	ng	96
57) 2,4-Dinitrotoluene	10.022	165	126929	37.292	ng	95
58) Fluorene	10.369	166	454121	39.494	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	114739	42.580	ng	98
60) Diethylphthalate	10.245	149	465491	38.835	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	216612	38.757	ng	93
62) 4-Nitroaniline	10.404	138	100349	37.479	ng	96
63) Azobenzene	10.522	77	427273	38.165	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	73224	41.573	ng	85
66) n-Nitrosodiphenylamine	10.486	169	403563	40.422	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	132161	38.720	ng	99
68) Hexachlorobenzene	10.916	284	148671	39.086	ng	96
69) Atrazine	11.022	200	181482	71.071	ng	98
70) Pentachlorophenol	11.122	266	116838	65.900	ng	98
71) Phenanthrene	11.339	178	640170	40.595	ng	99
72) Anthracene	11.386	178	658953	41.261	ng	99
73) Carbazole	11.551	167	608853	40.436	ng	100
74) Di-n-butylphthalate	11.874	149	744579	40.525	ng	100
75) Fluoranthene	12.527	202	667437	39.568	ng	97
77) Benzidine	12.657	184	149935	30.664	ng	99
78) Pyrene	12.763	202	668575	41.070	ng	99
80) Butylbenzylphthalate	13.380	149	255039	43.056	ng	97
81) Benzo(a)anthracene	13.957	228	468557	40.691	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	126903	38.807	ng	97
83) Chrysene	13.992	228	442749	39.319	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	338312	45.394	ng	# 98
85) Di-n-octyl phthalate	14.557	149	482679	41.869	ng	97
87) Indeno(1,2,3-cd)pyrene	16.951	276	476980	46.663	ng	100
88) Benzo(b)fluoranthene	15.010	252	399712	42.271	ng	98
89) Benzo(k)fluoranthene	15.039	252	357873	40.053	ng	99
90) Benzo(a)pyrene	15.380	252	331751	41.564	ng	98
91) Dibenzo(a,h)anthracene	16.968	278	397555	47.407	ng	98
92) Benzo(g,h,i)perylene	17.409	276	405615	47.225	ng	99

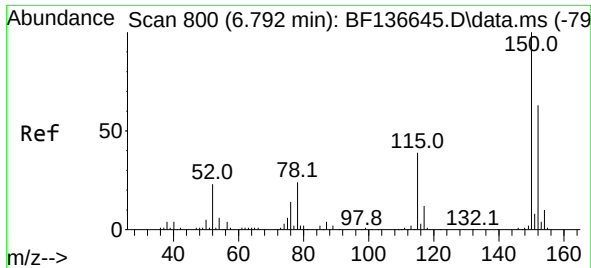
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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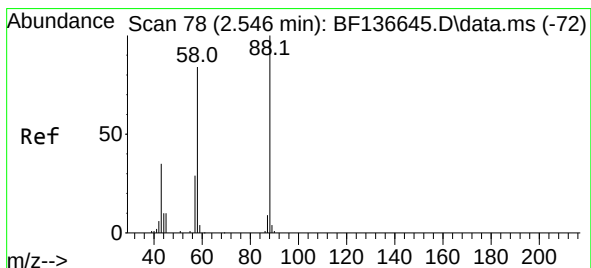
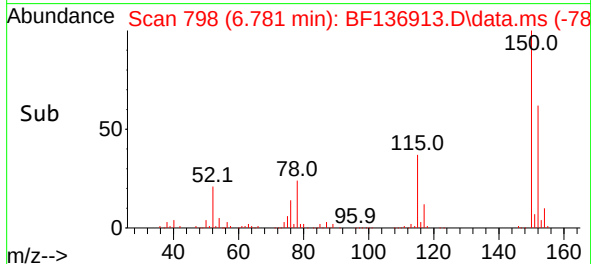
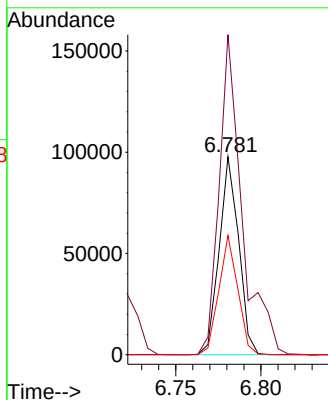
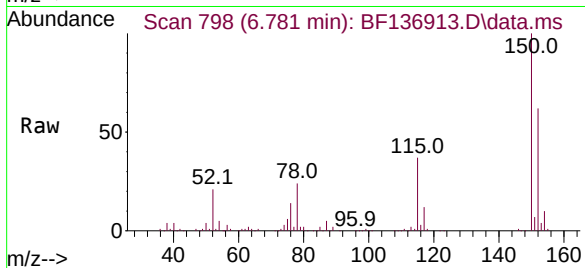




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BF136913.D
 Acq: 03 Jan 2024 18:09

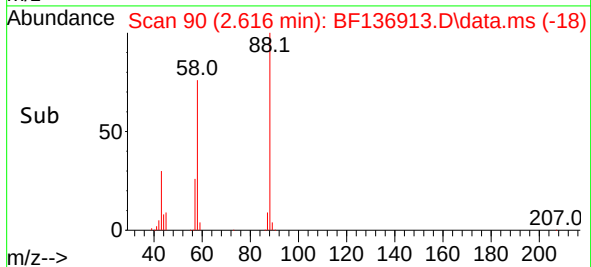
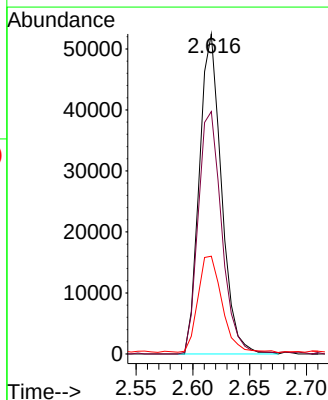
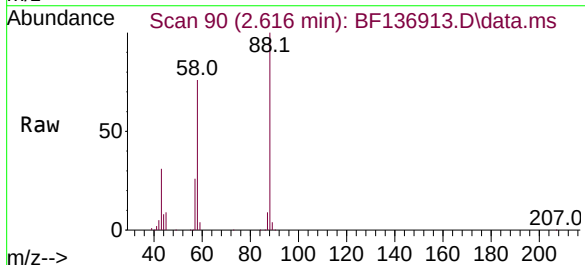
Instrument :
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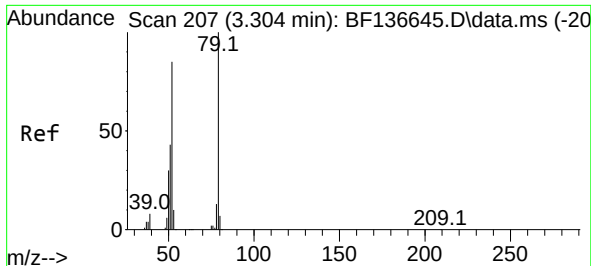
Tgt Ion:152 Resp: 77590
 Ion Ratio Lower Upper
 152 100
 150 161.7 127.0 190.6
 115 60.2 49.0 73.4



#2
 1,4-Dioxane
 Concen: 34.299 ng
 RT: 2.616 min Scan# 90
 Delta R.T. 0.071 min
 Lab File: BF136913.D
 Acq: 03 Jan 2024 18:09

Tgt Ion: 88 Resp: 71066
 Ion Ratio Lower Upper
 88 100
 58 80.6 67.4 101.0
 43 33.0 27.7 41.5

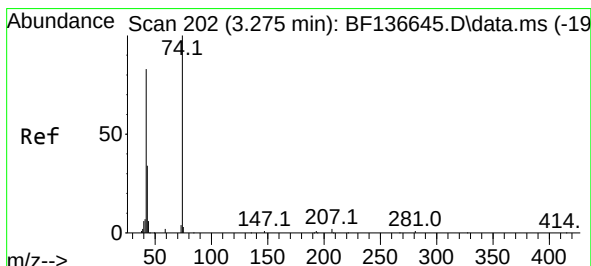
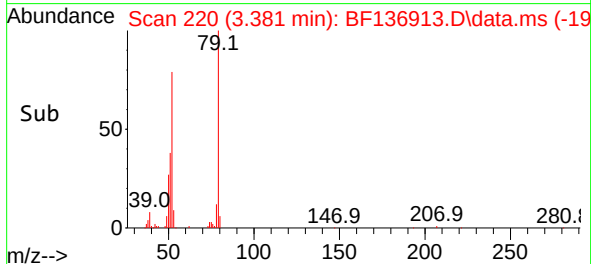
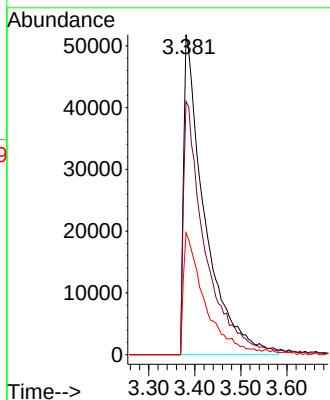
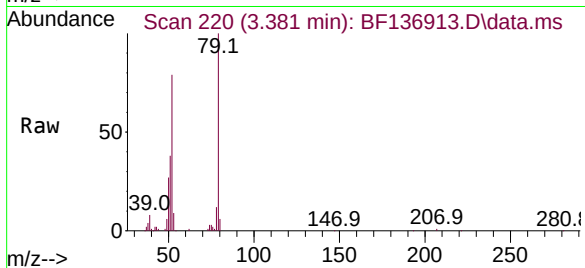




#3
Pyridine
Concen: 32.400 ng
RT: 3.381 min Scan# 214
Delta R.T. 0.077 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

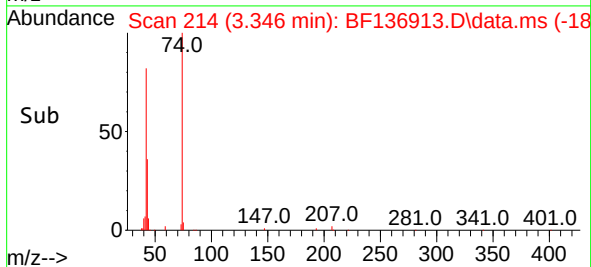
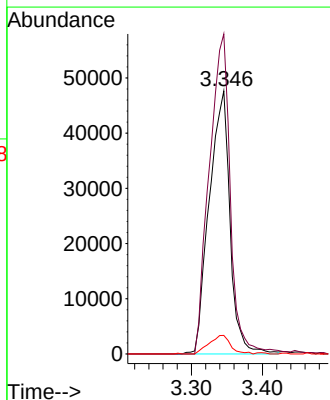
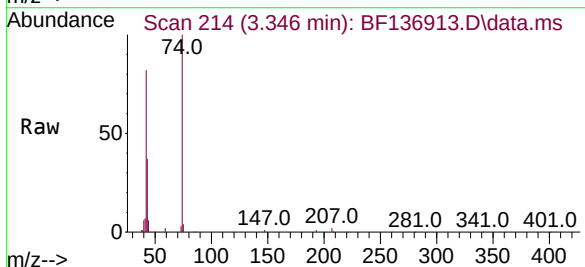
Instrument :
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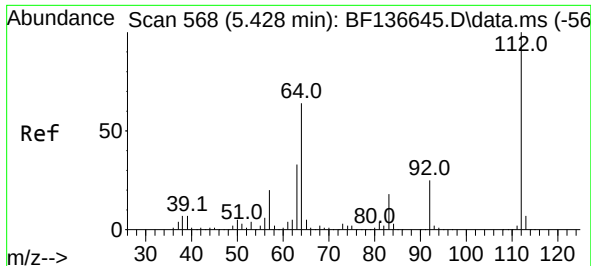
Tgt Ion: 79 Resp: 163795
Ion Ratio Lower Upper
79 100
52 79.1 67.7 101.5
51 38.1 34.0 51.0



#4
n-Nitrosodimethylamine
Concen: 35.800 ng
RT: 3.346 min Scan# 214
Delta R.T. 0.071 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

Tgt Ion: 42 Resp: 96647
Ion Ratio Lower Upper
42 100
74 121.6 96.0 144.0
44 7.1 5.4 8.2

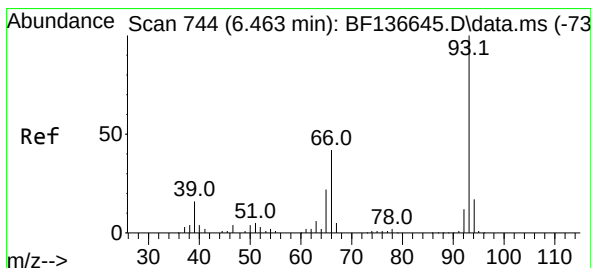
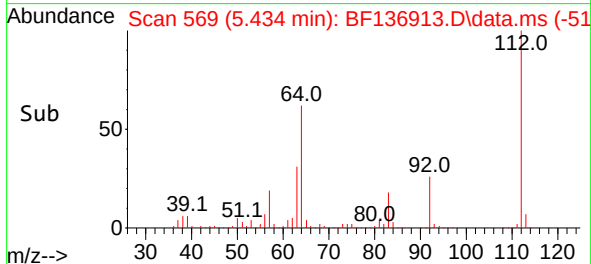
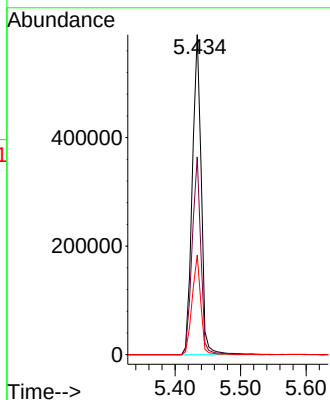
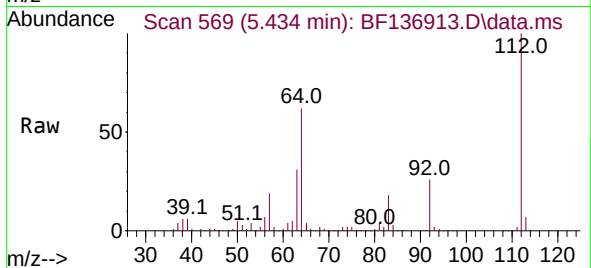




#5
2-Fluorophenol
Concen: 112.755 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

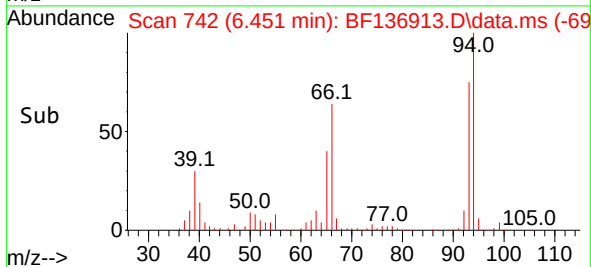
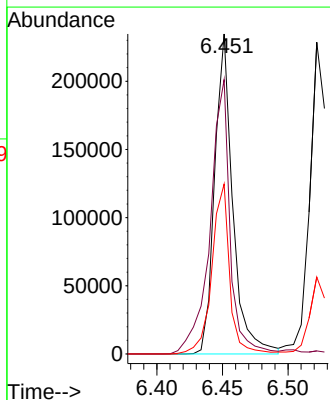
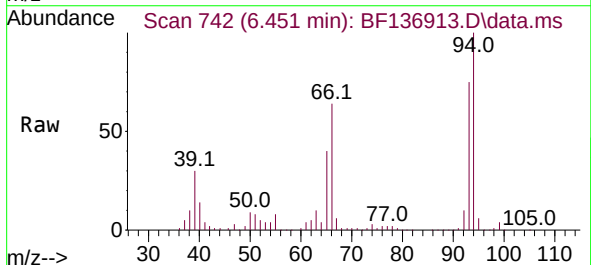
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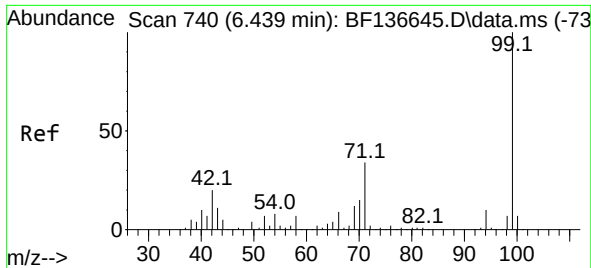
Tgt Ion:112 Resp: 560707
Ion Ratio Lower Upper
112 100
64 61.8 51.1 76.7
63 31.1 26.1 39.1



#6
Aniline
Concen: 34.981 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

Tgt Ion: 93 Resp: 225359
Ion Ratio Lower Upper
93 100
66 85.7 34.6 51.8#
65 53.1 17.8 26.8#

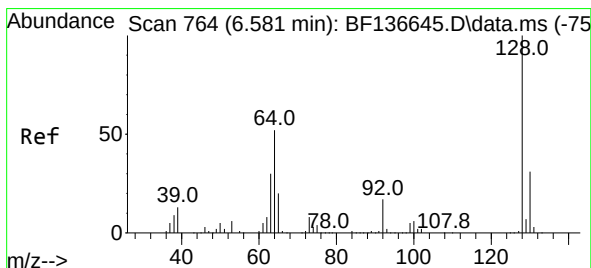
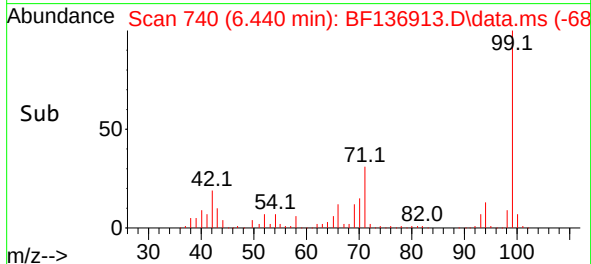
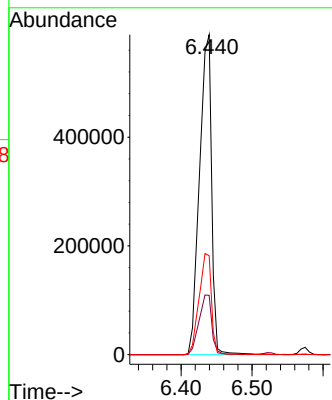
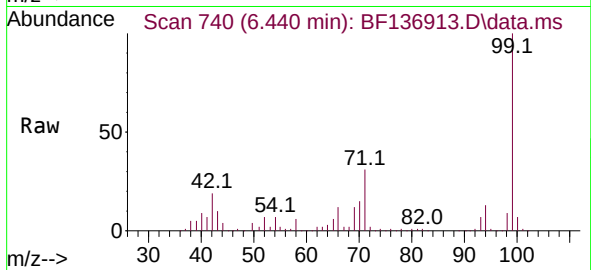




#7
Phenol-d6
Concen: 108.885 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

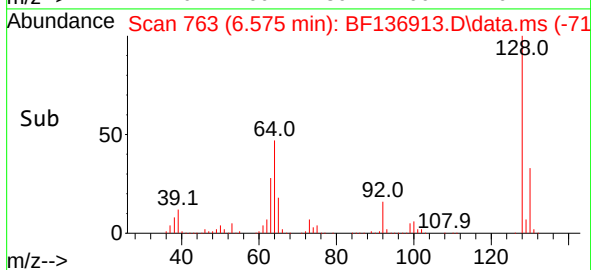
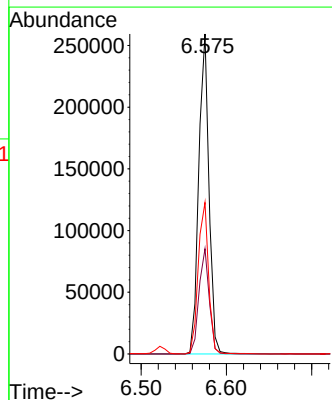
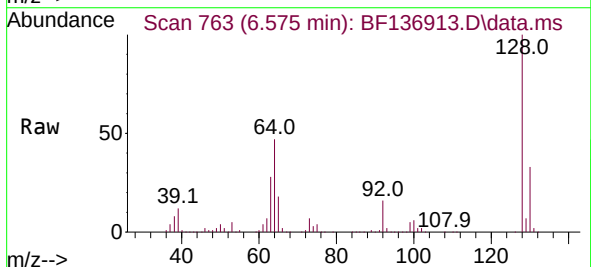
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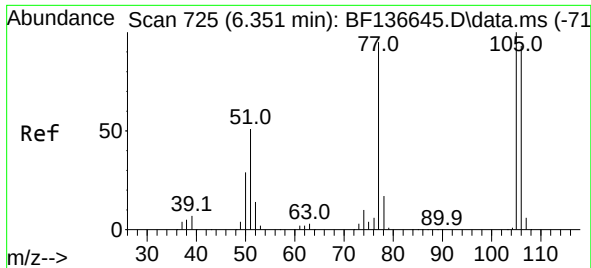
Tgt Ion: 99 Resp: 701607
Ion Ratio Lower Upper
99 100
42 18.5 16.1 24.1
71 31.0 27.4 41.2



#8
2-Chlorophenol
Concen: 39.797 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

Tgt Ion:128 Resp: 216573
Ion Ratio Lower Upper
128 100
130 32.9 11.3 51.3
64 47.3 32.5 72.5





#9

Benzaldehyde

Concen: 25.044 ng

RT: 6.340 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136913.D

Acq: 03 Jan 2024 18:09

Instrument :

BNA_F

ClientSampleId :

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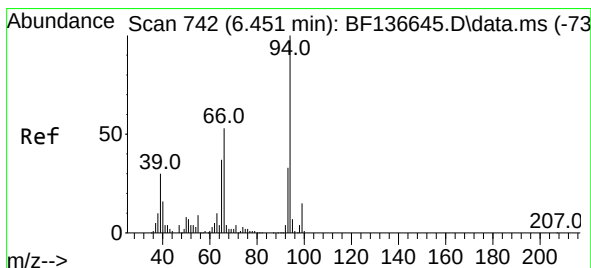
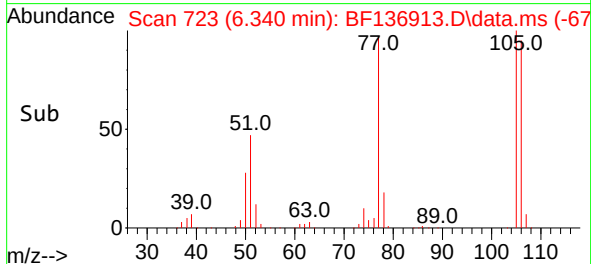
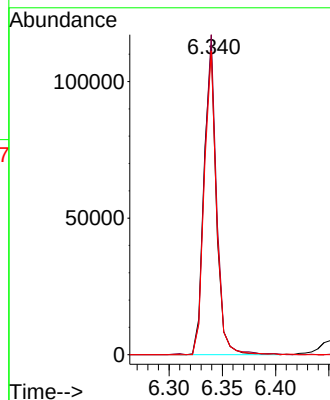
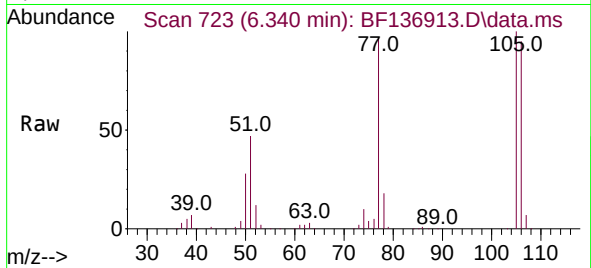
Tgt Ion: 77 Resp: 91787

Ion Ratio Lower Upper

77 100

105 103.6 84.8 124.8

106 98.3 77.8 117.8



#10

Phenol

Concen: 38.391 ng

RT: 6.451 min Scan# 742

Delta R.T. 0.000 min

Lab File: BF136913.D

Acq: 03 Jan 2024 18:09

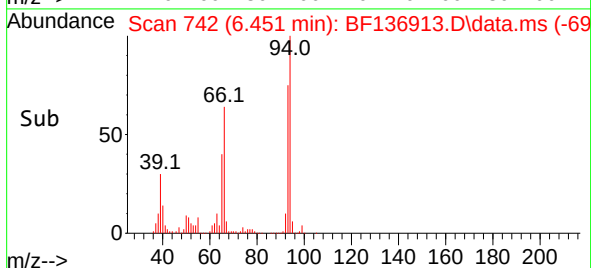
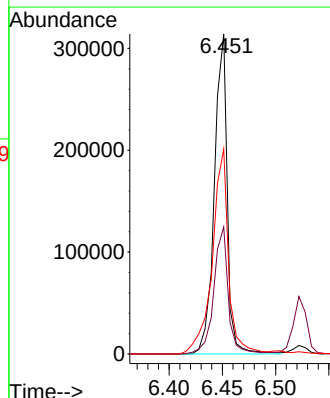
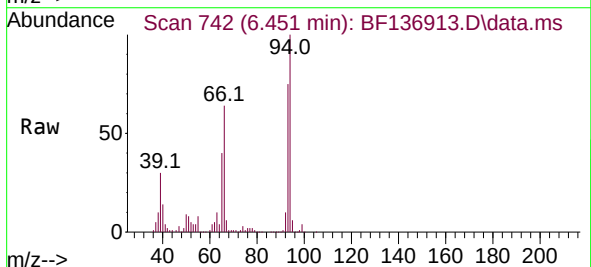
Tgt Ion: 94 Resp: 264075

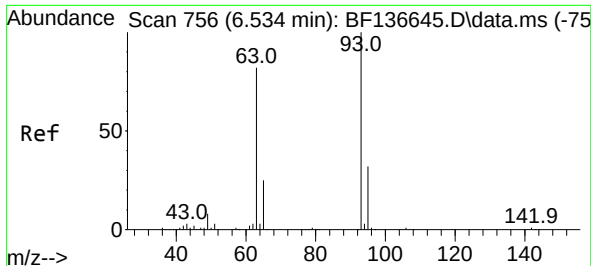
Ion Ratio Lower Upper

94 100

65 39.7 16.6 56.6

66 64.0 32.6 72.6





#11

bis(2-Chloroethyl)ether

Concen: 39.327 ng

RT: 6.522 min Scan# 754

Delta R.T. -0.012 min

Lab File: BF136913.D

Acq: 03 Jan 2024 18:09

Instrument :

BNA_F

ClientSampleId :

PB157954BS

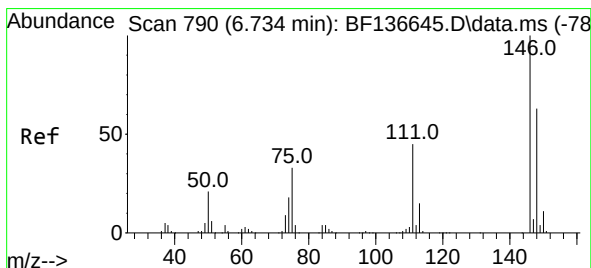
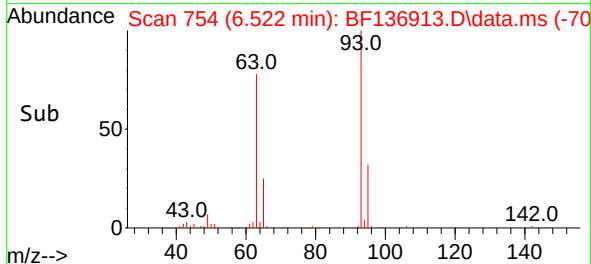
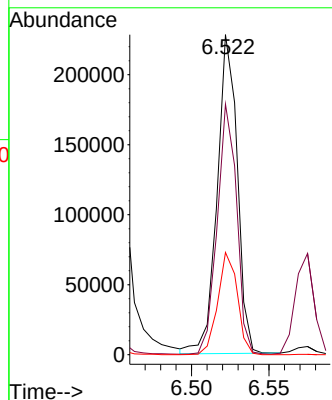
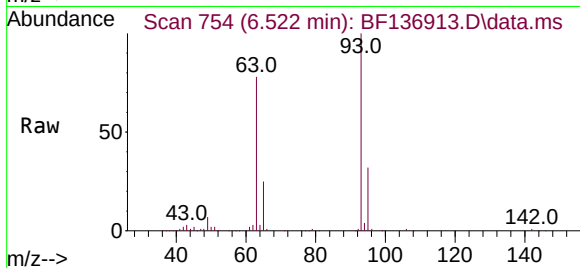
Tgt Ion: 93 Resp: 205722

Ion Ratio Lower Upper

93 100

63 78.3 61.2 101.2

95 32.0 11.6 51.6



#12

1,3-Dichlorobenzene

Concen: 36.889 ng

RT: 6.722 min Scan# 788

Delta R.T. -0.012 min

Lab File: BF136913.D

Acq: 03 Jan 2024 18:09

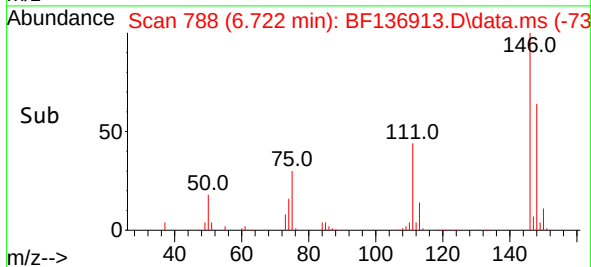
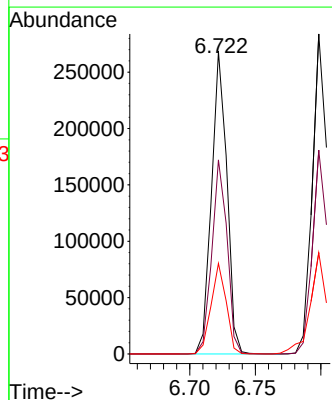
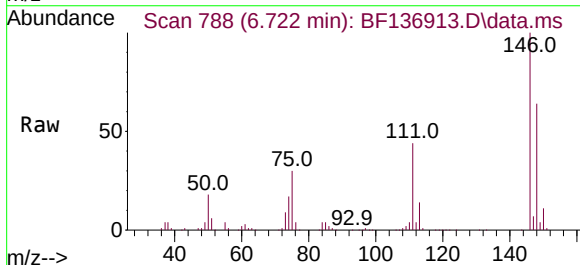
Tgt Ion: 146 Resp: 218995

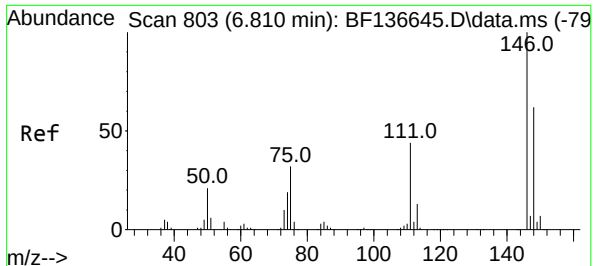
Ion Ratio Lower Upper

146 100

148 64.1 50.5 75.7

75 30.0 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 36.928 ng

RT: 6.798 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF136913.D

Acq: 03 Jan 2024 18:09

Instrument :

BNA_F

ClientSampleId :

PB157954BS

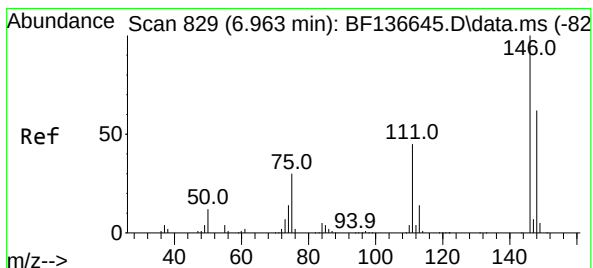
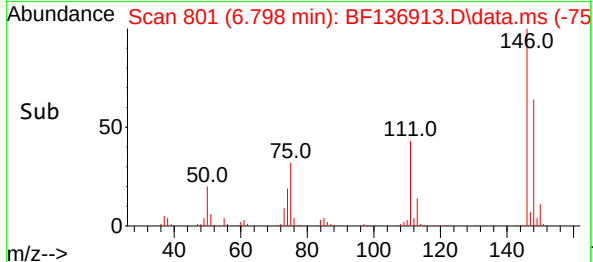
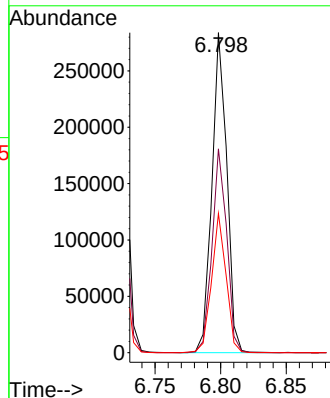
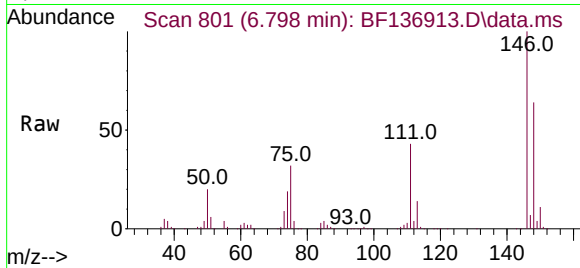
Tgt Ion:146 Resp: 223995

Ion Ratio Lower Upper

146 100

148 63.7 49.2 73.8

111 43.5 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 37.835 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF136913.D

Acq: 03 Jan 2024 18:09

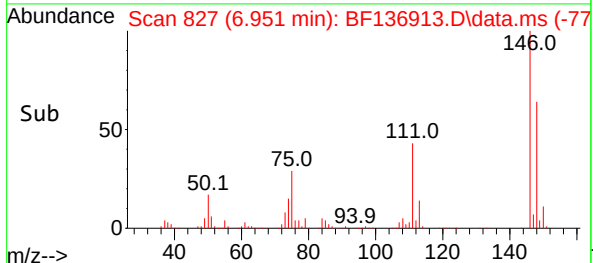
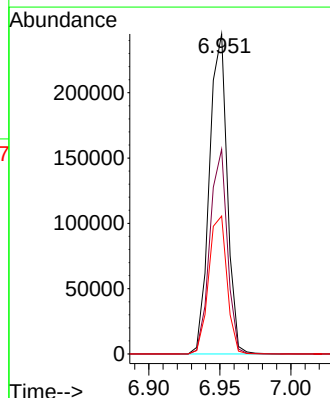
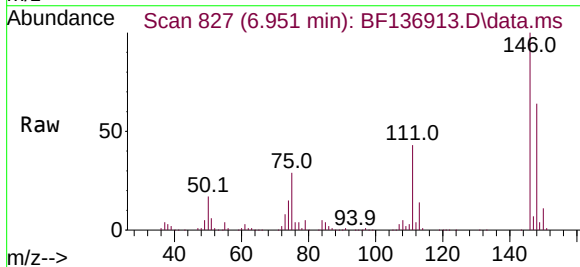
Tgt Ion:146 Resp: 213552

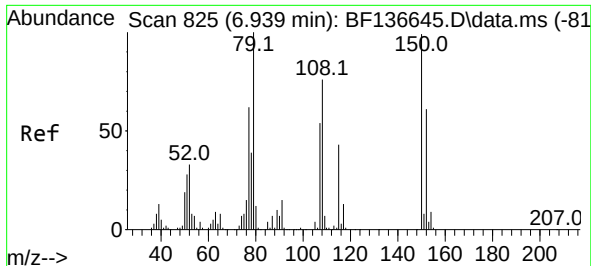
Ion Ratio Lower Upper

146 100

148 64.0 49.6 74.4

111 43.1 36.2 54.2

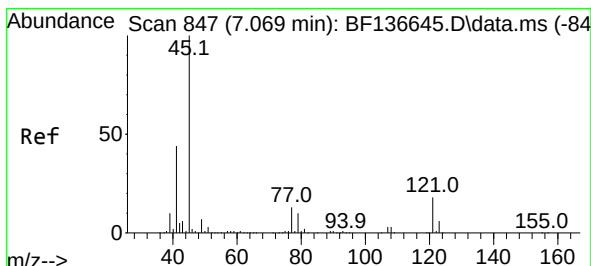
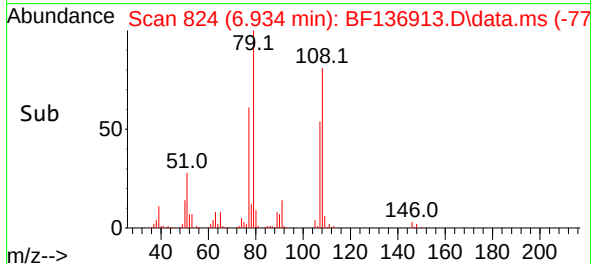
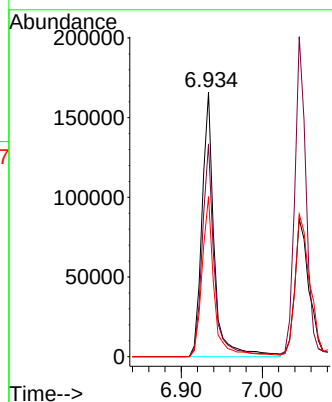
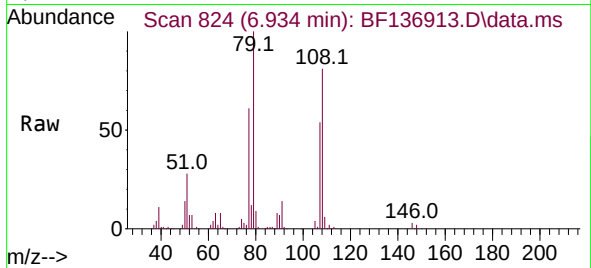




#15
Benzyl Alcohol
Concen: 39.795 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

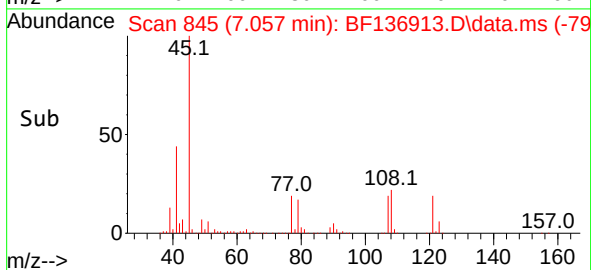
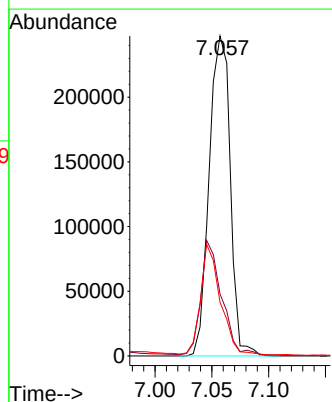
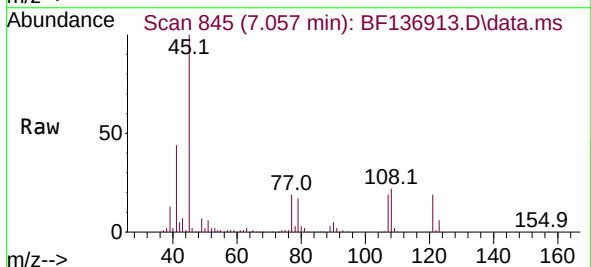
Instrument :
BNA_F
ClientSampleId :
PB157954BS

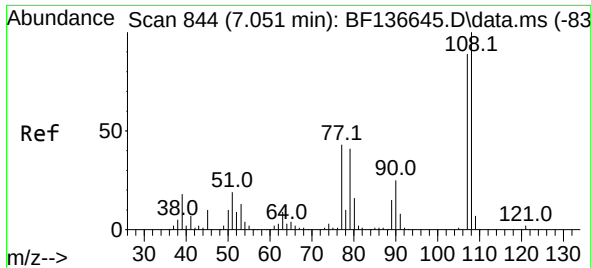
Tgt Ion: 79 Resp: 172990
Ion Ratio Lower Upper
79 100
108 80.5 61.0 91.6
77 60.5 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.277 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

Tgt Ion: 45 Resp: 318804
Ion Ratio Lower Upper
45 100
77 19.4 0.0 34.3
79 16.8 0.0 31.4

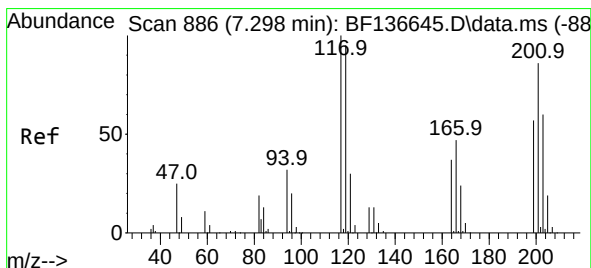
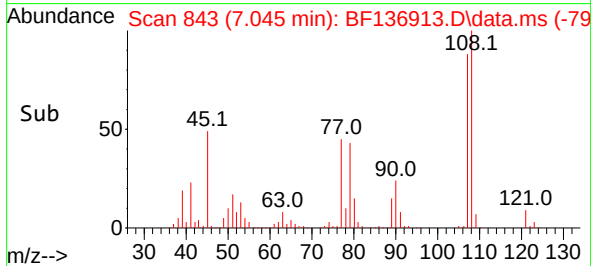
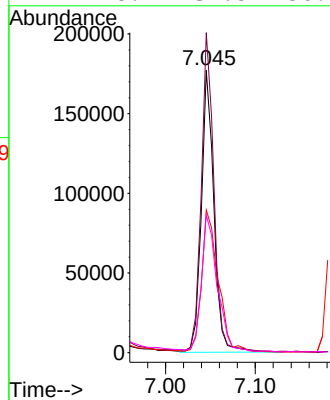
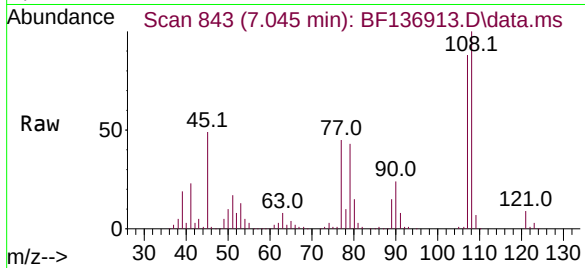




#17
2-Methylphenol
Concen: 38.145 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

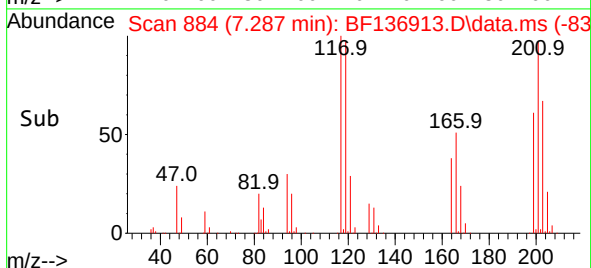
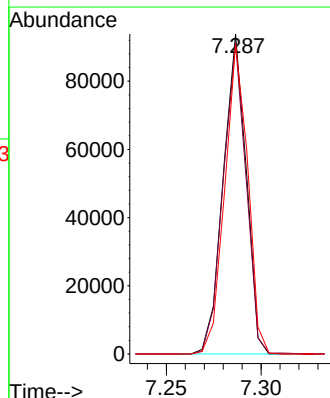
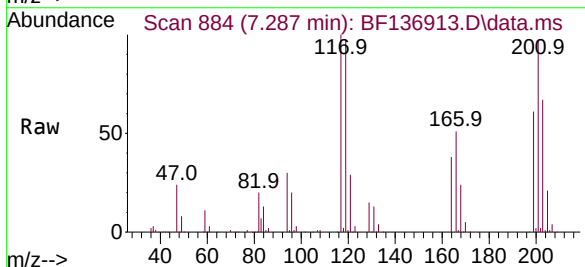
Instrument :
BNA_F
ClientSampleId :
PB157954BS

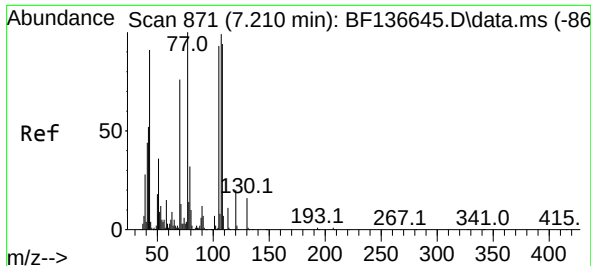
Tgt Ion:	107	Resp:	171969
Ion	Ratio	Lower	Upper
107	100		
108	113.4	90.3	135.5
77	50.5	38.7	58.1
79	48.7	37.8	56.6



#18
Hexachloroethane
Concen: 35.780 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

Tgt Ion:	117	Resp:	78820
Ion	Ratio	Lower	Upper
117	100		
119	97.3	75.8	113.6
201	96.7	69.1	103.7

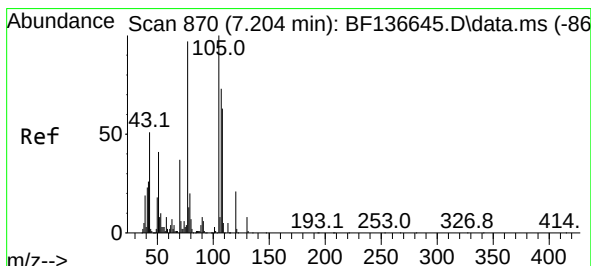
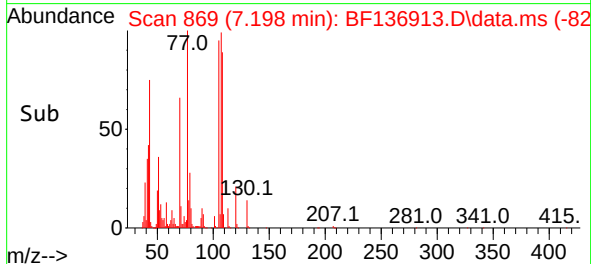
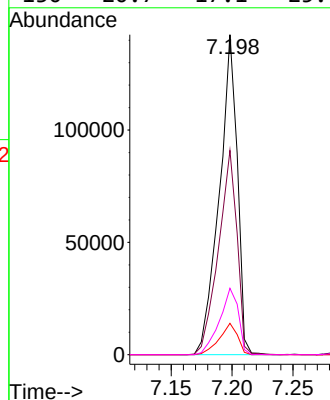
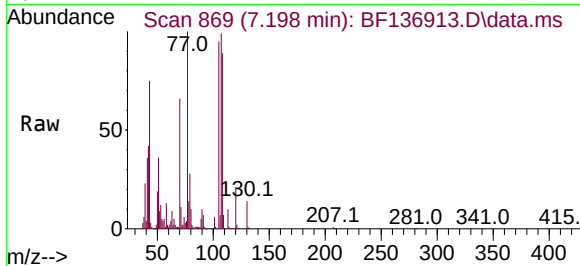




#19
n-Nitroso-di-n-propylamine
Concen: 37.552 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

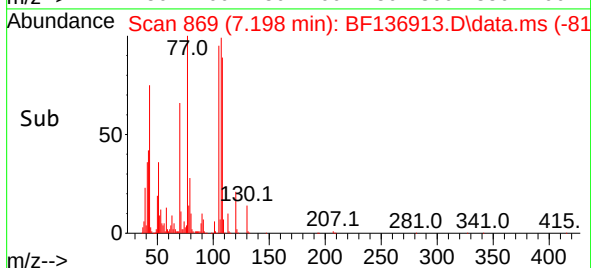
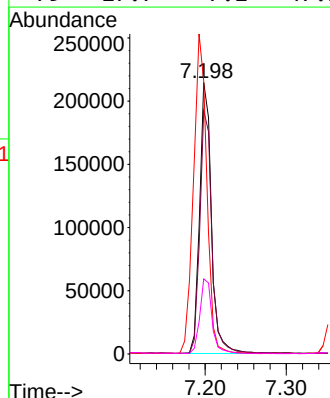
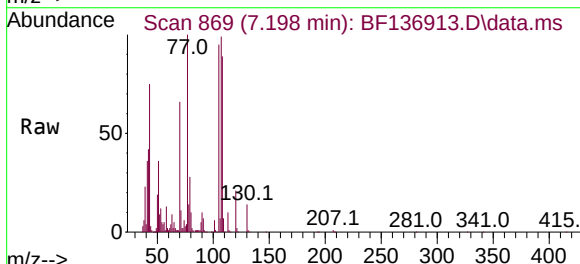
Instrument :
BNA_F
ClientSampleId :
PB157954BS

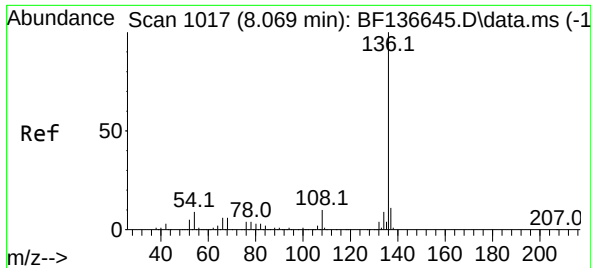
Tgt Ion: 70 Resp: 146679
Ion Ratio Lower Upper
70 100
42 63.8 54.2 81.4
101 9.8 7.6 11.4
130 20.7 17.1 25.7



#20
3+4-Methylphenols
Concen: 38.616 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

Tgt Ion: 107 Resp: 217493
Ion Ratio Lower Upper
107 100
108 89.7 66.0 106.0
77 100.5 114.2 154.2#
79 27.7 7.2 47.2

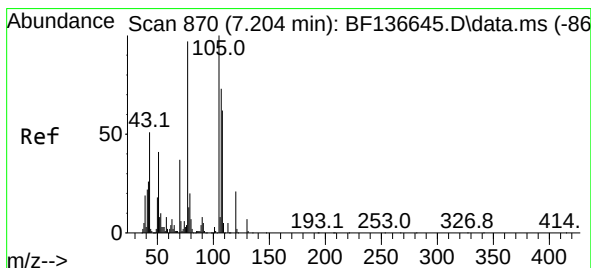
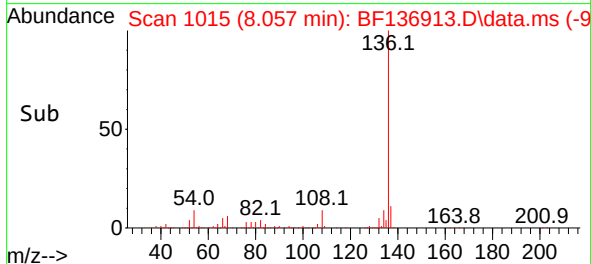
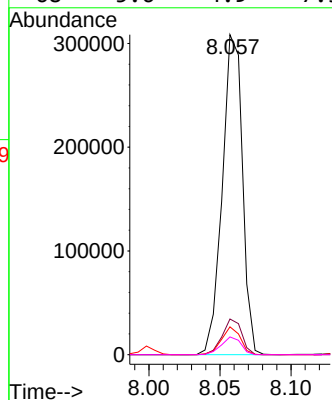
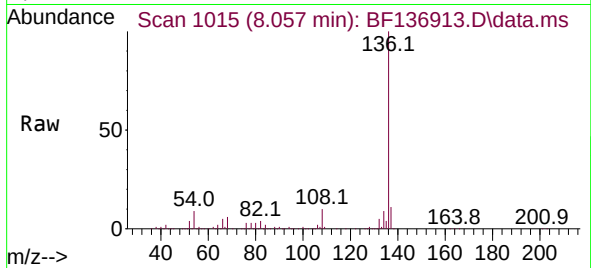




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

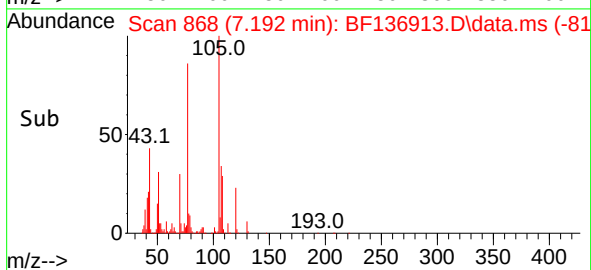
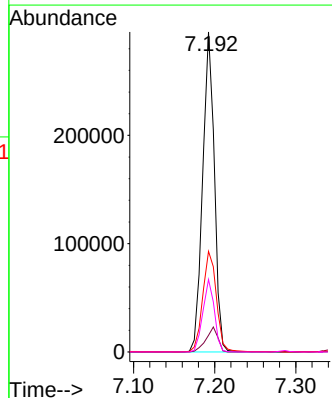
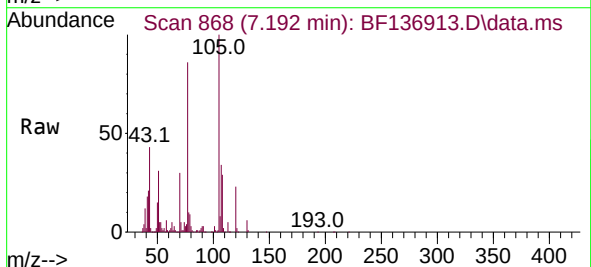
Instrument :
BNA_F
ClientSampleId :
PB157954BS

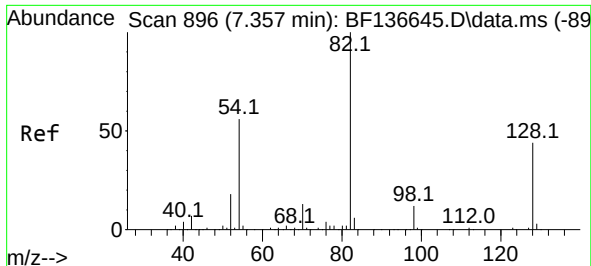
Tgt Ion:136	Resp: 304111
Ion Ratio	Lower Upper
136	100
137	11.1 9.0 13.4
54	8.7 7.2 10.8
68	5.6 4.9 7.3



#22
Acetophenone
Concen: 38.861 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

Tgt Ion:105	Resp: 296219
Ion Ratio	Lower Upper
105	100
71	5.2 4.8 7.2
51	31.4 32.8 49.2#
120	22.6 17.0 25.6

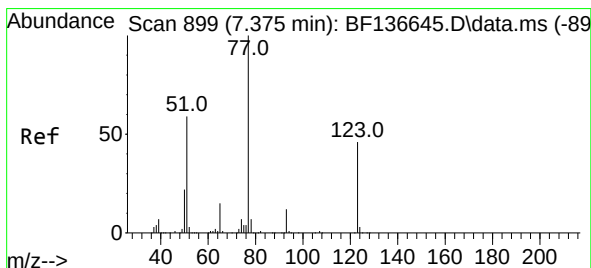
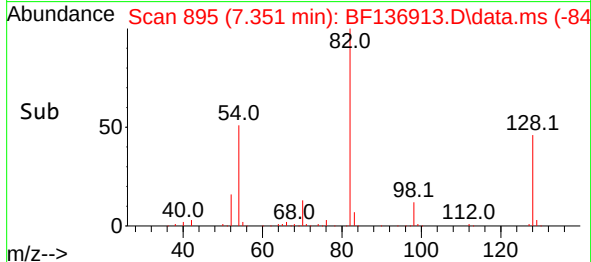
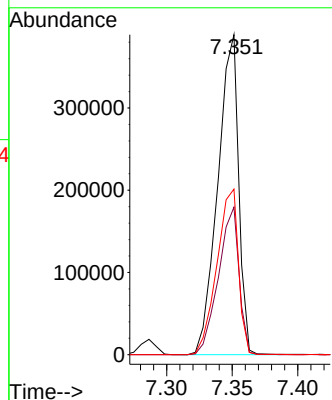
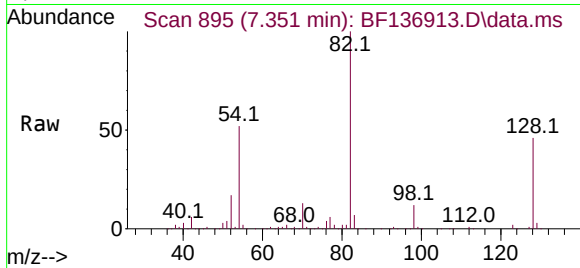




#23
Nitrobenzene-d5
Concen: 72.246 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

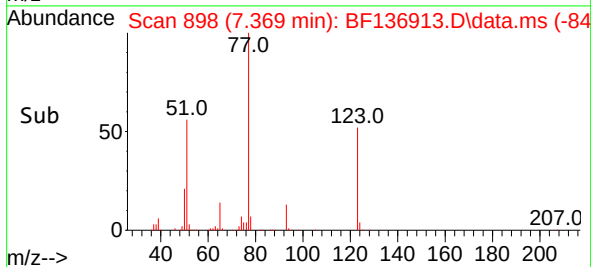
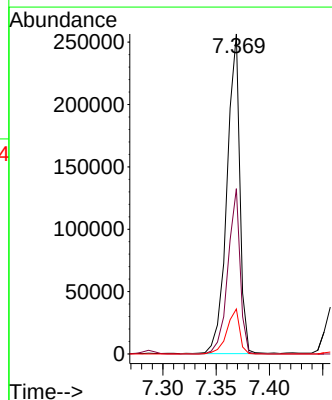
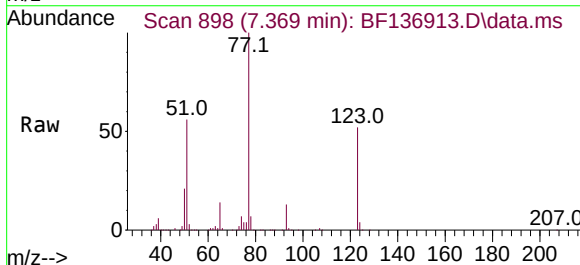
Instrument :
BNA_F
ClientSampleId :
PB157954BS

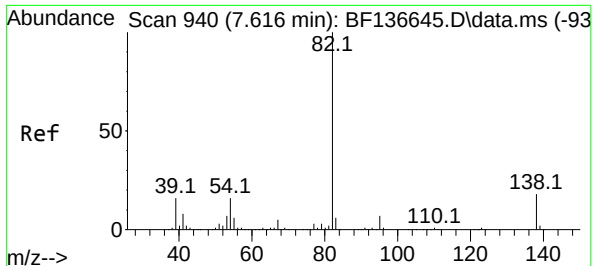
Tgt Ion: 82 Resp: 429360
Ion Ratio Lower Upper
82 100
128 46.1 35.3 52.9
54 51.8 44.5 66.7



#24
Nitrobenzene
Concen: 36.133 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

Tgt Ion: 77 Resp: 215113
Ion Ratio Lower Upper
77 100
123 51.6 36.7 55.1
65 14.1 11.8 17.6

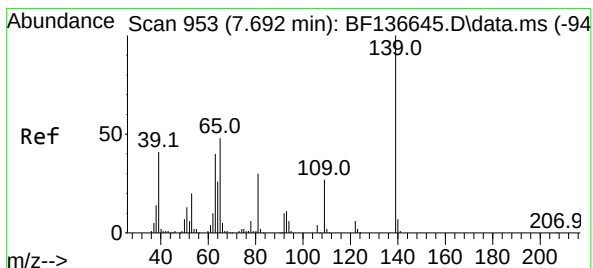
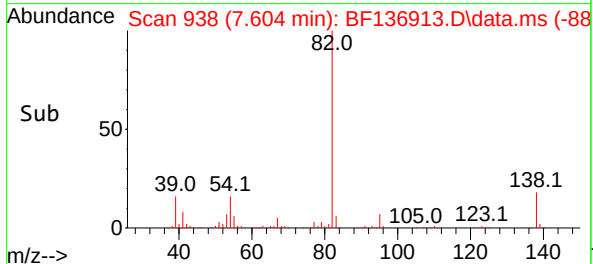
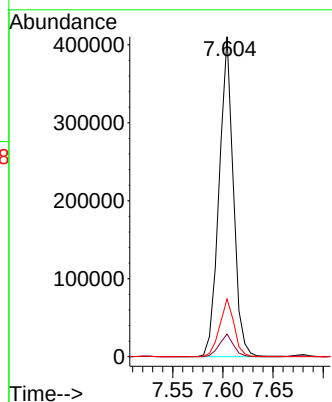
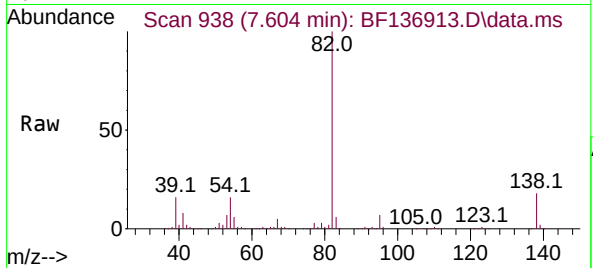




#25
Isophorone
Concen: 37.390 ng
RT: 7.604 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

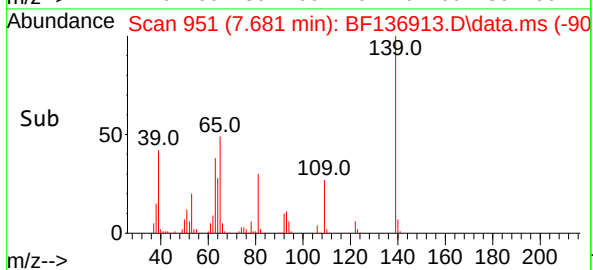
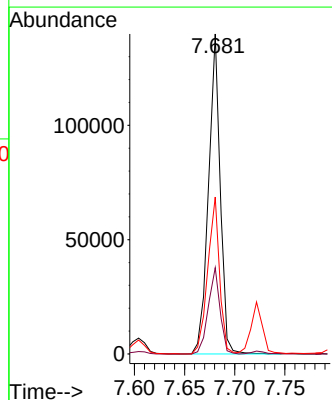
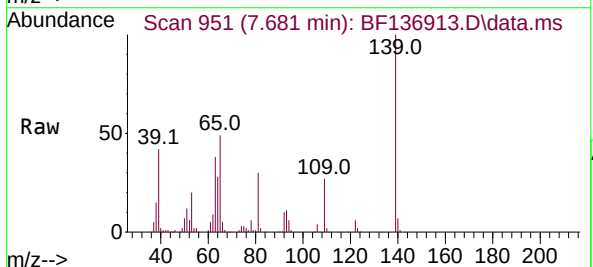
Instrument :
BNA_F
ClientSampleId :
PB157954BS

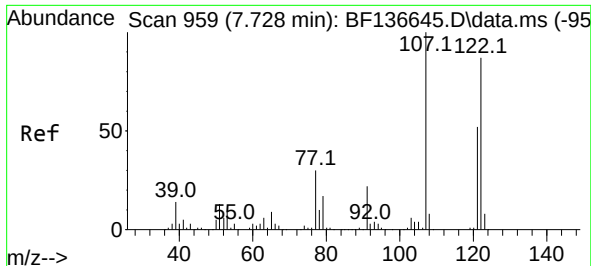
Tgt Ion: 82 Resp: 404329
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 18.0 14.5 21.7



#26
2-Nitrophenol
Concen: 40.211 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

Tgt Ion: 139 Resp: 114534
Ion Ratio Lower Upper
139 100
109 27.0 21.9 32.9
65 49.1 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 54.918 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF136913.D

Acq: 03 Jan 2024 18:09

Instrument :

BNA_F

ClientSampleId :

PB157954BS

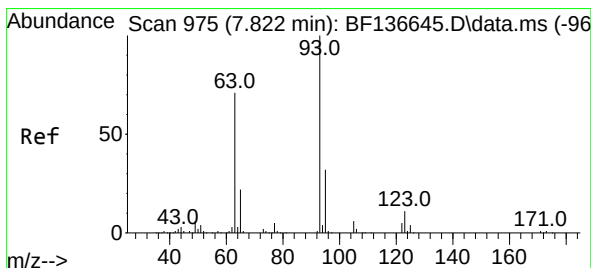
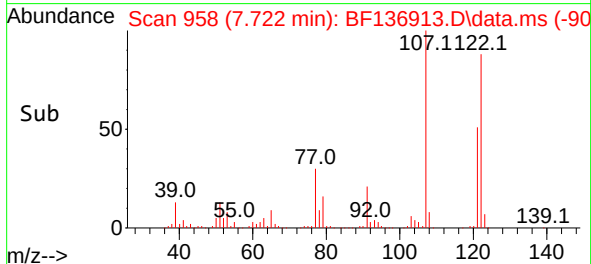
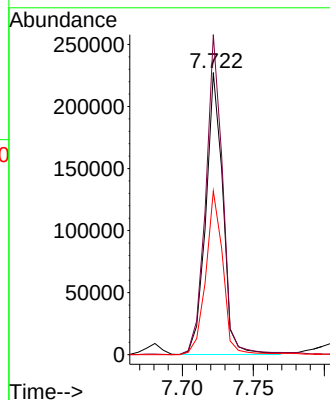
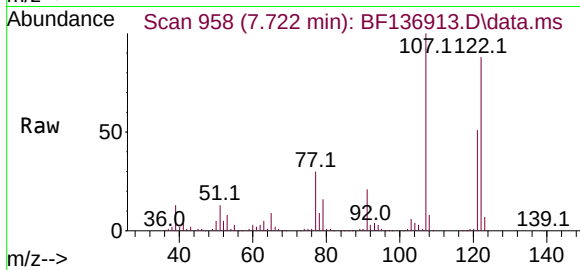
Tgt Ion:122 Resp: 190438

Ion Ratio Lower Upper

122 100

107 113.5 92.0 138.0

121 58.0 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 38.394 ng

RT: 7.816 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF136913.D

Acq: 03 Jan 2024 18:09

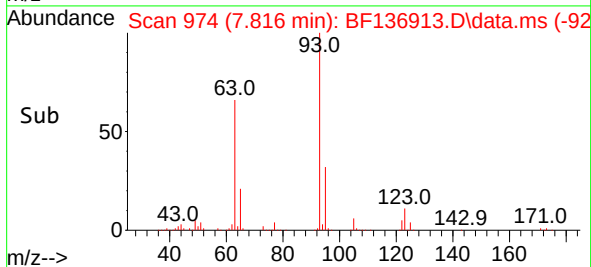
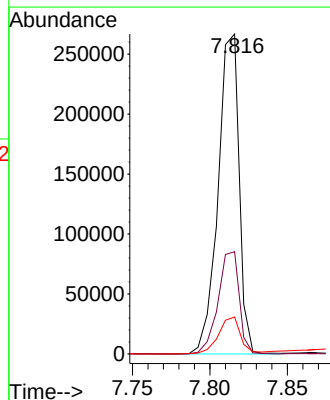
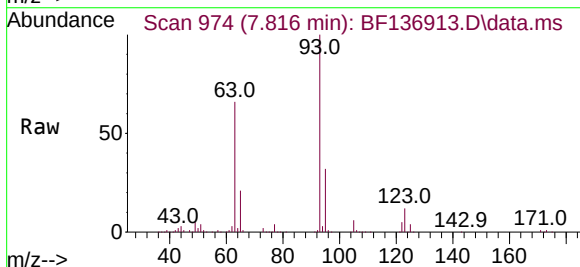
Tgt Ion: 93 Resp: 252377

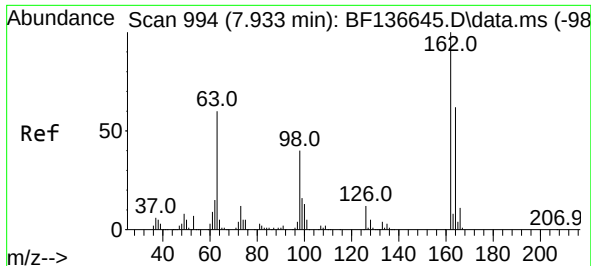
Ion Ratio Lower Upper

93 100

95 31.9 25.5 38.3

123 11.6 9.2 13.8

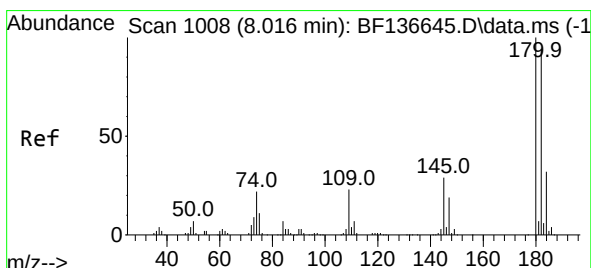
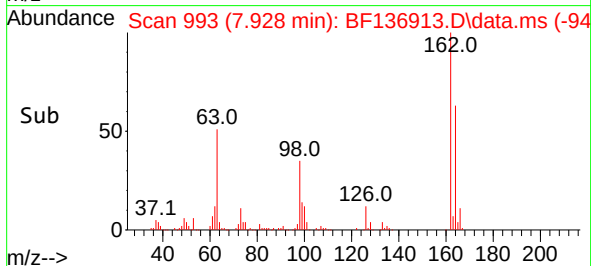
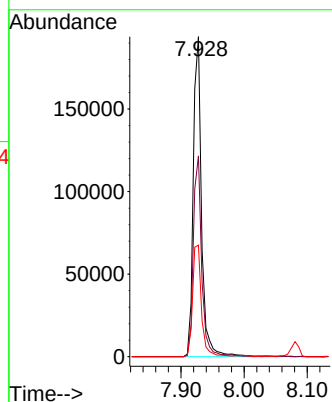
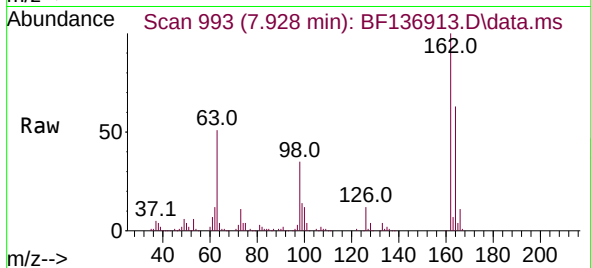




#29
2,4-Dichlorophenol
Concen: 39.785 ng
RT: 7.928 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

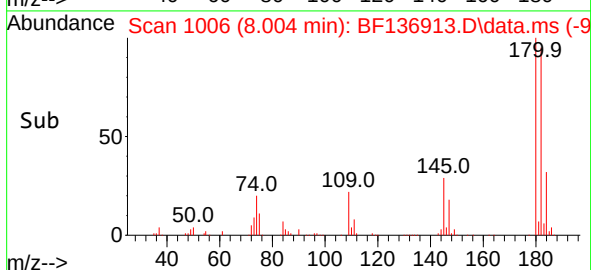
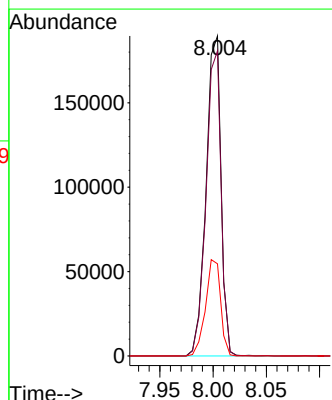
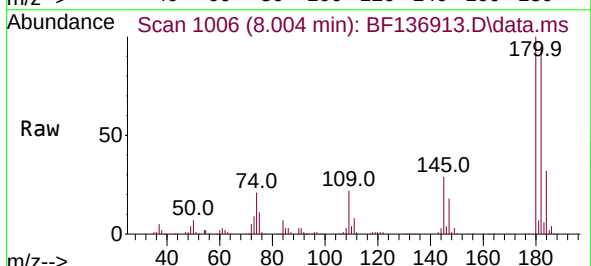
Instrument :
BNA_F
ClientSampleId :
PB157954BS

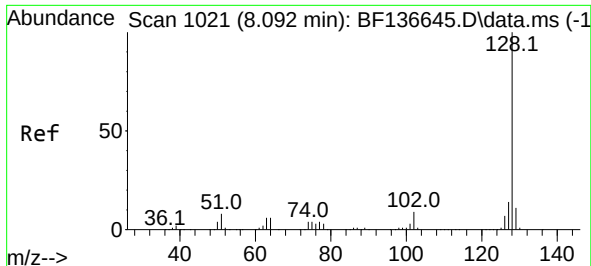
Tgt Ion:162 Resp: 177615
Ion Ratio Lower Upper
162 100
164 62.8 41.7 81.7
98 34.9 19.5 59.5



#30
1,2,4-Trichlorobenzene
Concen: 37.320 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

Tgt Ion:180 Resp: 185633
Ion Ratio Lower Upper
180 100
182 95.4 75.4 113.0
145 28.8 23.1 34.7

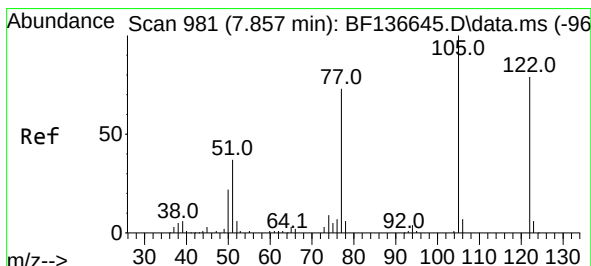
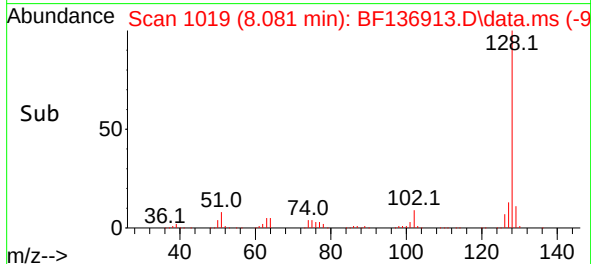
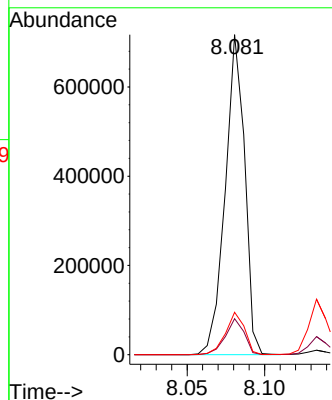
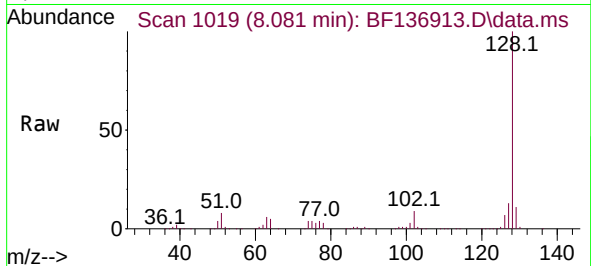




#31
Naphthalene
Concen: 37.481 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

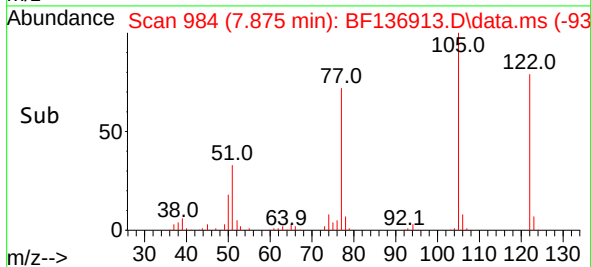
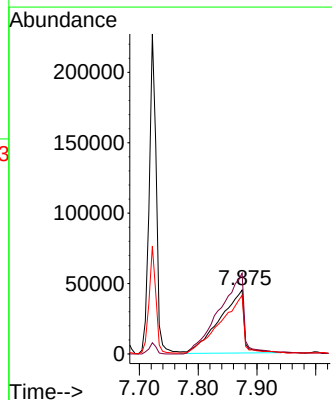
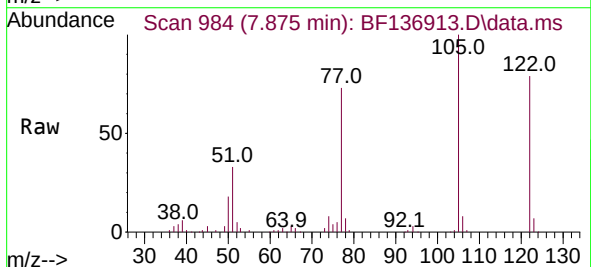
Instrument :
BNA_F
ClientSampleId :
PB157954BS

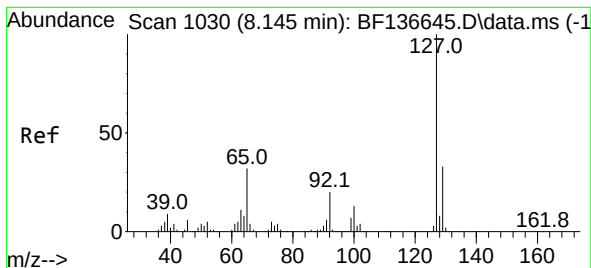
Tgt Ion:128 Resp: 626201
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 39.096 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.018 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

Tgt Ion:122 Resp: 131175
Ion Ratio Lower Upper
122 100
105 125.8 100.8 140.8
77 91.3 70.9 110.9





#33

4-Chloroaniline

Concen: 21.130 ng

RT: 8.134 min Scan# 1028

Delta R.T. -0.012 min

Lab File: BF136913.D

Acq: 03 Jan 2024 18:09

Instrument :

BNA_F

ClientSampleId :

PB157954BS

Tgt Ion:127 Resp: 130341

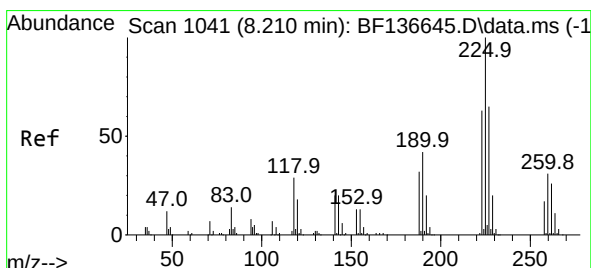
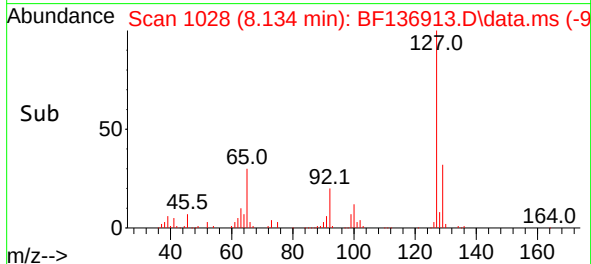
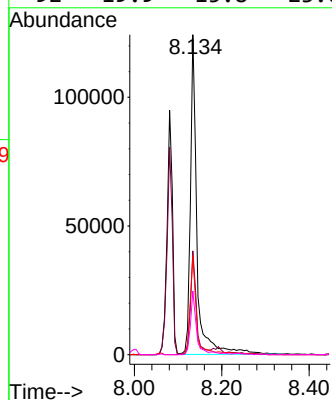
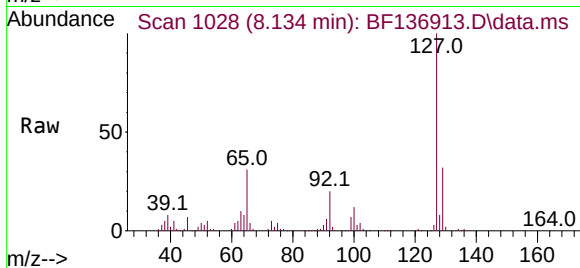
Ion Ratio Lower Upper

127 100

129 32.5 26.3 39.5

65 31.0 25.8 38.8

92 19.9 15.8 23.6



#34

Hexachlorobutadiene

Concen: 35.660 ng

RT: 8.192 min Scan# 1038

Delta R.T. -0.018 min

Lab File: BF136913.D

Acq: 03 Jan 2024 18:09

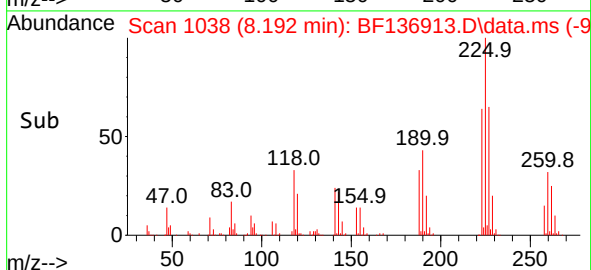
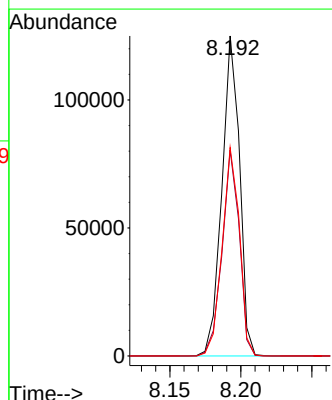
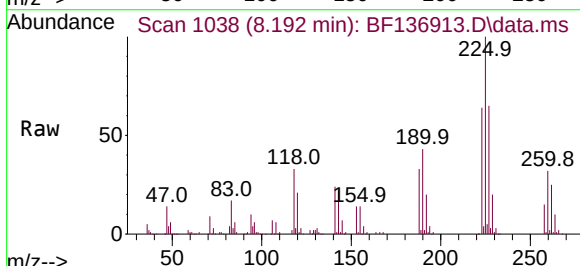
Tgt Ion:225 Resp: 107769

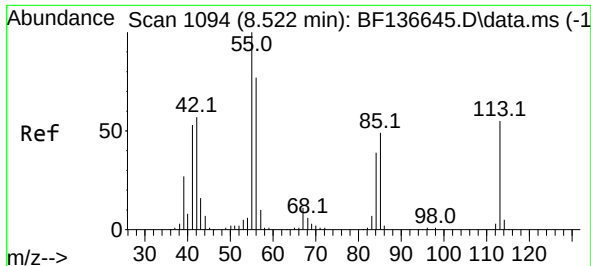
Ion Ratio Lower Upper

225 100

223 64.4 50.6 76.0

227 65.1 51.9 77.9

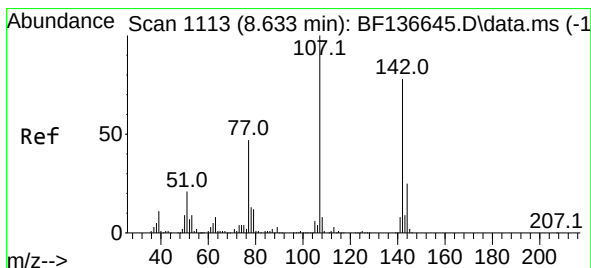
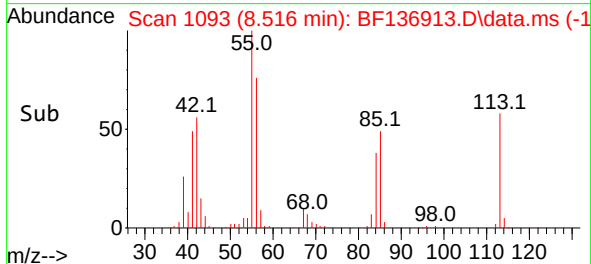
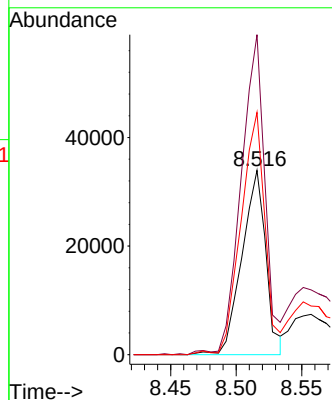
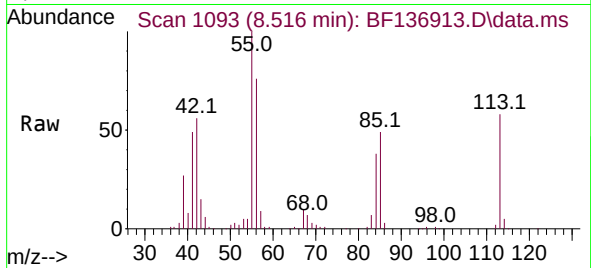




#35
Caprolactam
Concen: 29.209 ng
RT: 8.516 min Scan# 1094
Delta R.T. -0.006 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

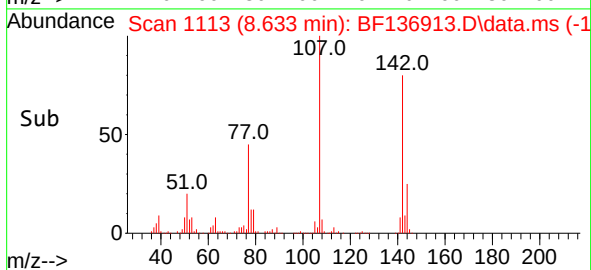
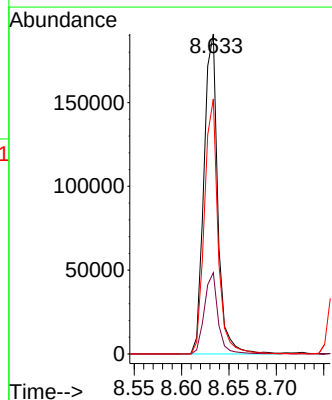
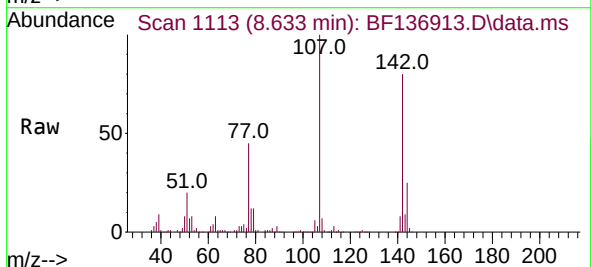
Instrument :
BNA_F
ClientSampleId :
PB157954BS

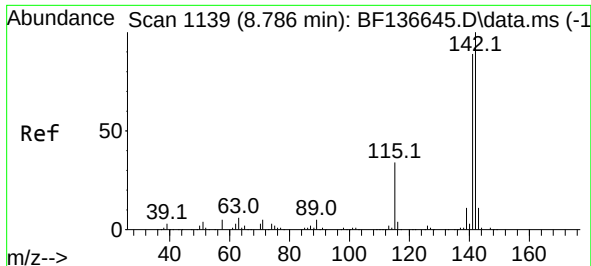
Tgt Ion:113 Resp: 43018
Ion Ratio Lower Upper
113 100
55 173.6 163.1 203.1
56 131.5 121.7 161.7



#36
4-Chloro-3-methylphenol
Concen: 38.942 ng
RT: 8.633 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

Tgt Ion:107 Resp: 195720
Ion Ratio Lower Upper
107 100
144 25.4 20.2 30.2
142 79.7 62.3 93.5





#37

2-Methylnaphthalene

Concen: 37.797 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF136913.D

Acq: 03 Jan 2024 18:09

Instrument :

BNA_F

ClientSampleId :

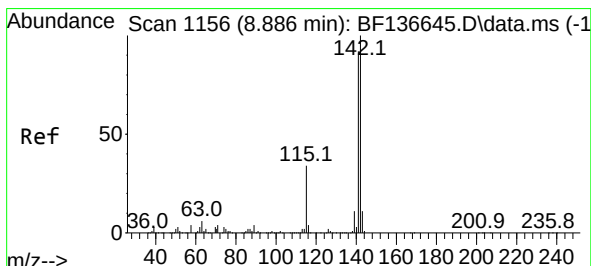
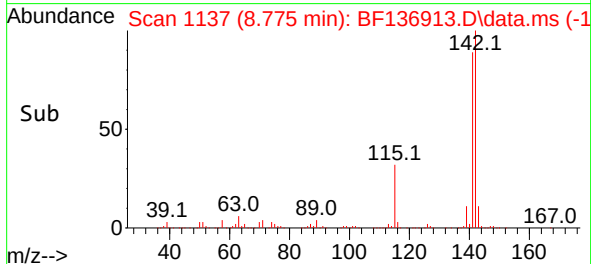
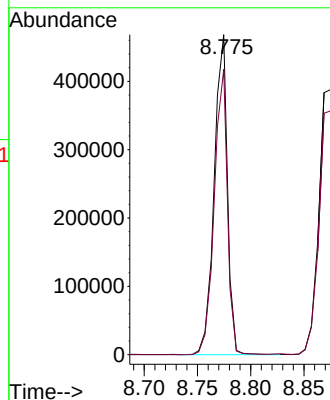
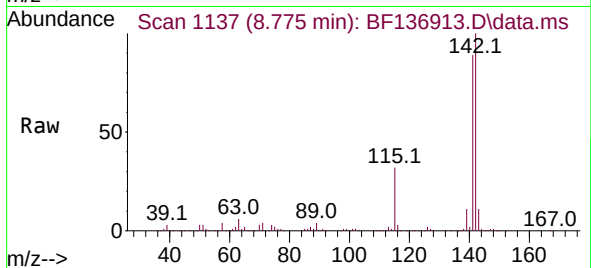
PB157954BS

Tgt Ion:142 Resp: 406400

Ion Ratio Lower Upper

142 100

141 89.1 71.1 106.7



#38

1-Methylnaphthalene

Concen: 35.626 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136913.D

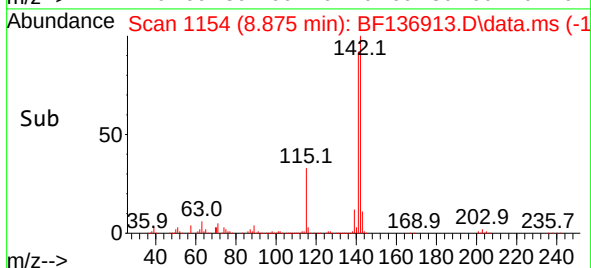
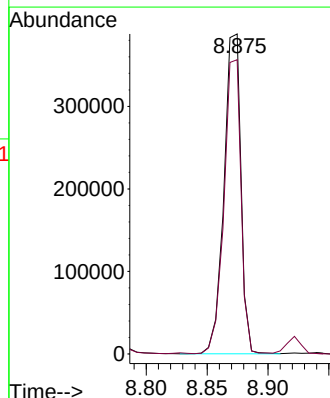
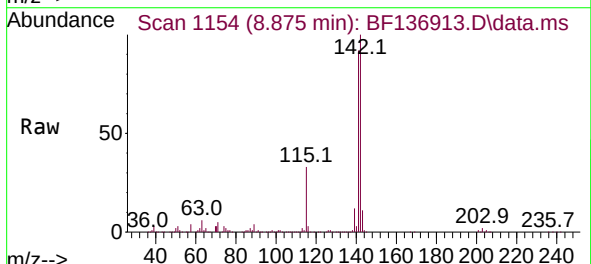
Acq: 03 Jan 2024 18:09

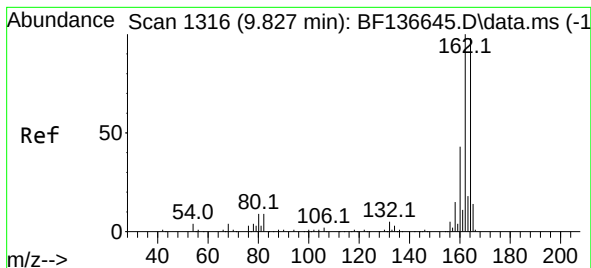
Tgt Ion:142 Resp: 375806

Ion Ratio Lower Upper

142 100

141 92.0 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF136913.D

Acq: 03 Jan 2024 18:09

Instrument :

BNA_F

ClientSampleId :

PB157954BS

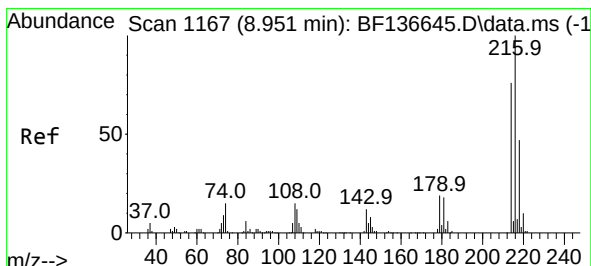
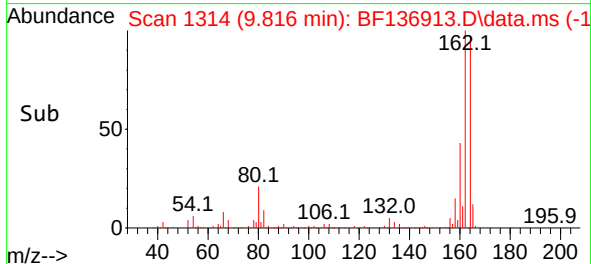
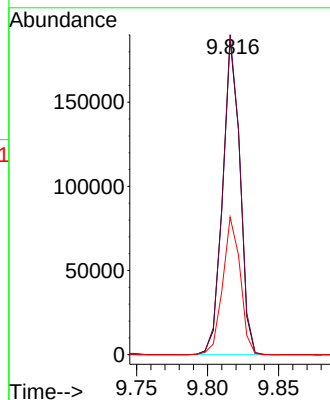
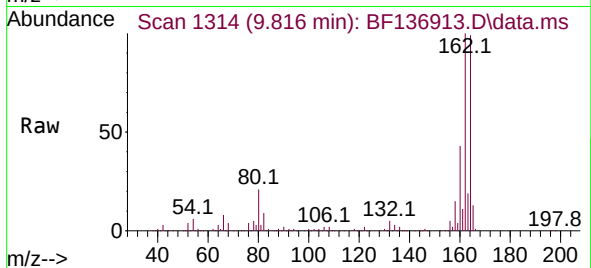
Tgt Ion:164 Resp: 158162

Ion Ratio Lower Upper

164 100

162 101.4 81.6 122.4

160 43.6 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.708 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF136913.D

Acq: 03 Jan 2024 18:09

Tgt Ion:216 Resp: 194497

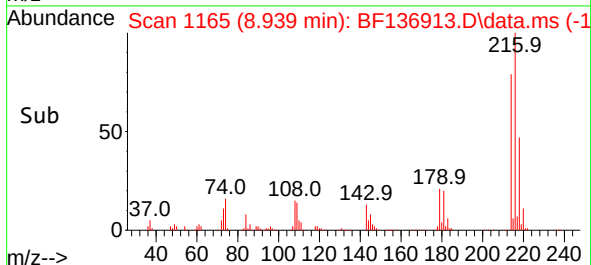
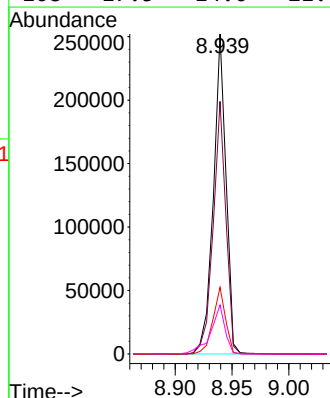
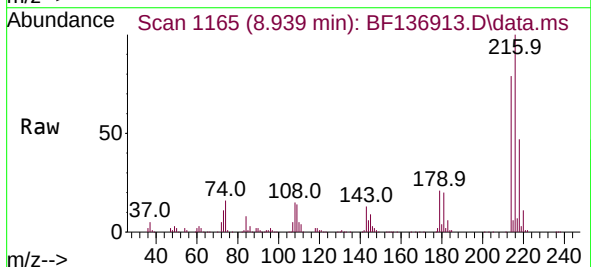
Ion Ratio Lower Upper

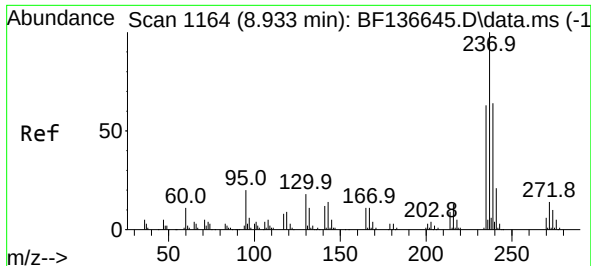
216 100

214 79.5 62.3 93.5

179 20.8 16.4 24.6

108 17.5 14.0 21.0

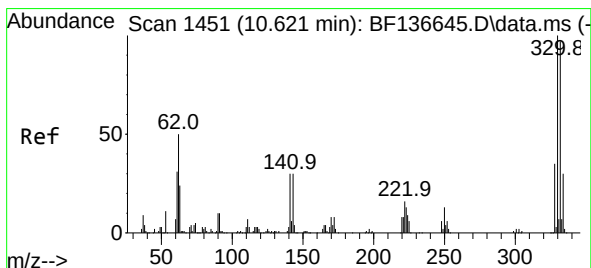
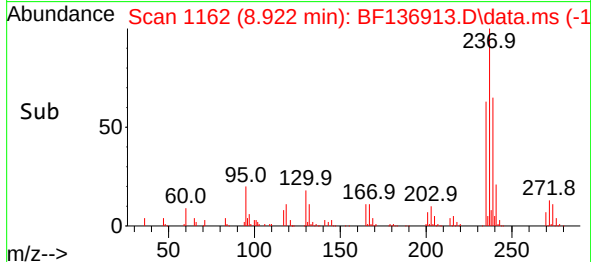
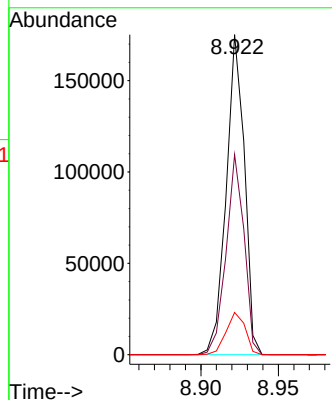
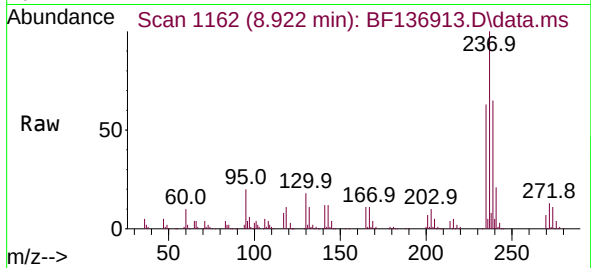




#41
Hexachlorocyclopentadiene
Concen: 90.906 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

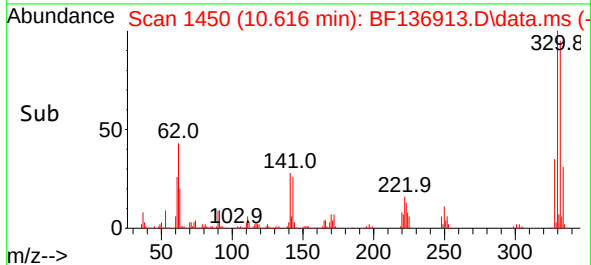
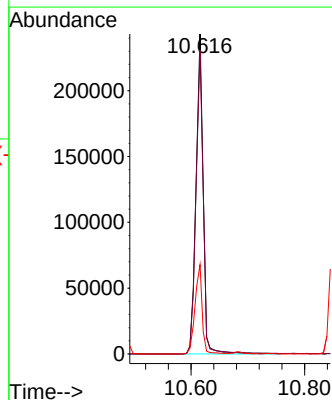
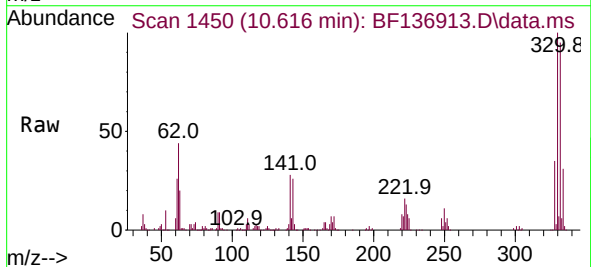
Instrument :
BNA_F
ClientSampleId :
PB157954BS

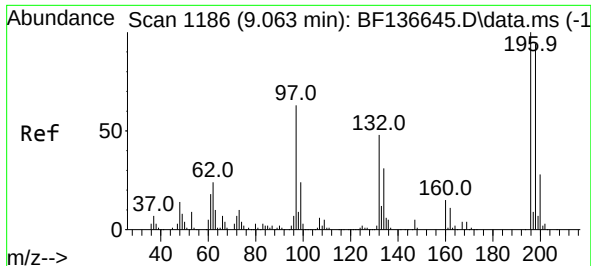
Tgt Ion:237 Resp: 143085
Ion Ratio Lower Upper
237 100
235 62.6 43.2 83.2
272 13.2 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 115.720 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

Tgt Ion:330 Resp: 215552
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.0
141 27.7 23.4 35.2

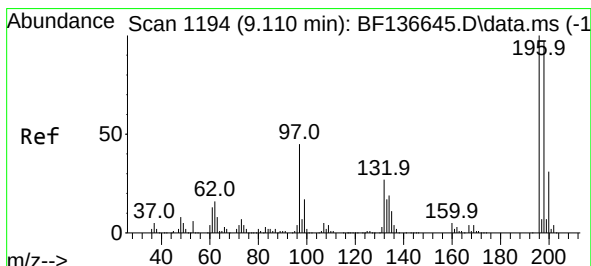
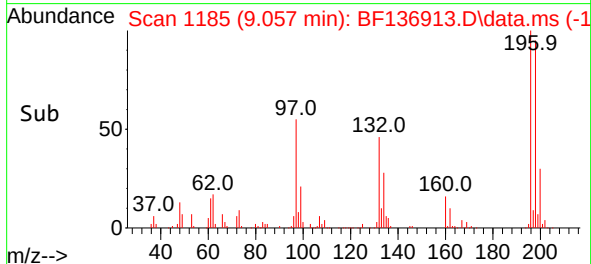
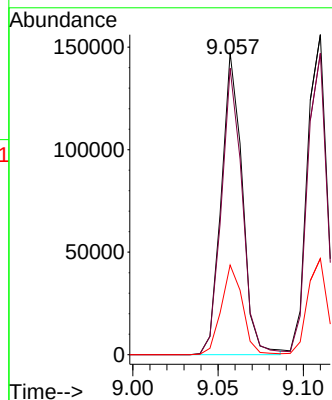
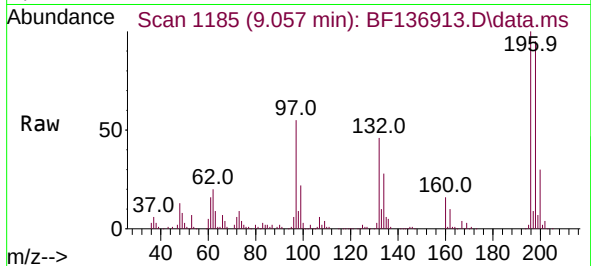




#43
2,4,6-Trichlorophenol
Concen: 40.132 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

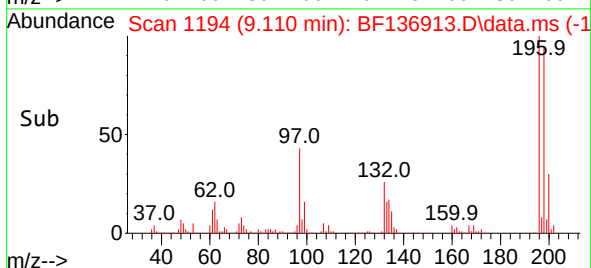
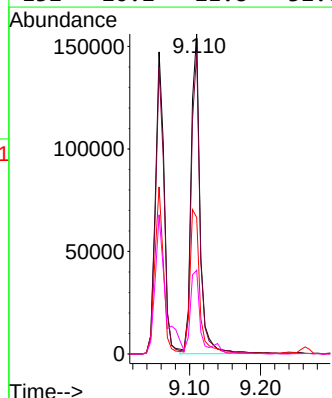
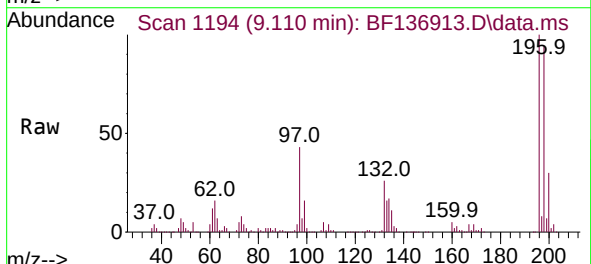
Instrument :
BNA_F
ClientSampleId :
PB157954BS

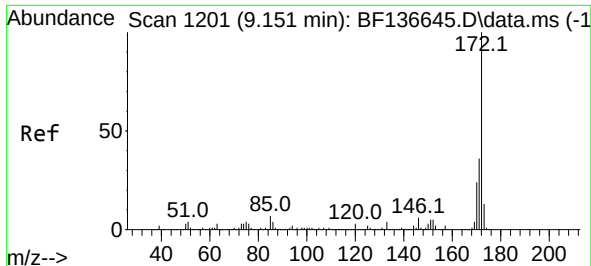
Tgt Ion:196 Resp: 126068
Ion Ratio Lower Upper
196 100
198 94.8 75.1 112.7
200 29.7 22.5 33.7



#44
2,4,5-Trichlorophenol
Concen: 38.976 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

Tgt Ion:196 Resp: 136438
Ion Ratio Lower Upper
196 100
198 94.2 77.0 115.6
97 42.7 36.1 54.1
132 26.2 21.8 32.6

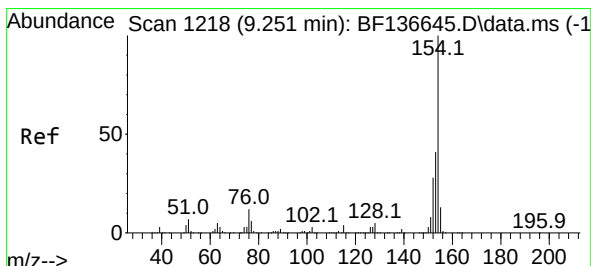
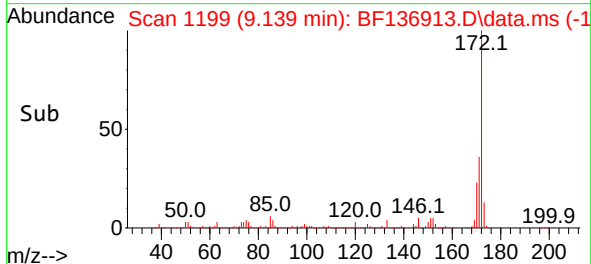
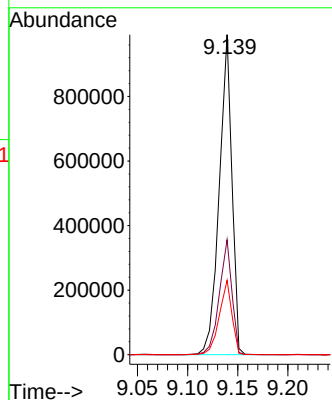
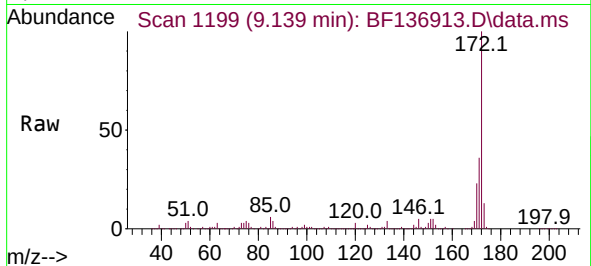




#45
2-Fluorobiphenyl
Concen: 74.041 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

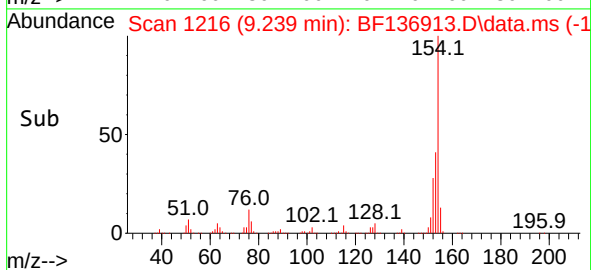
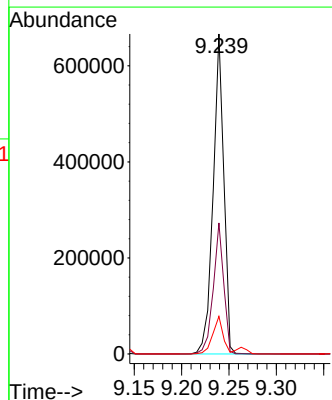
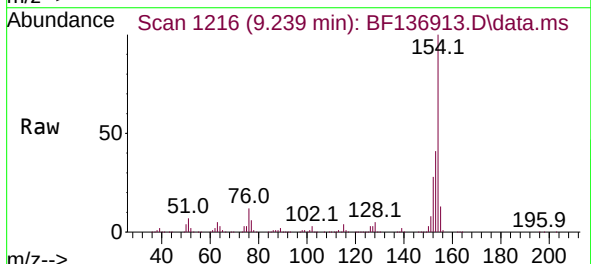
Instrument :
BNA_F
ClientSampleId :
PB157954BS

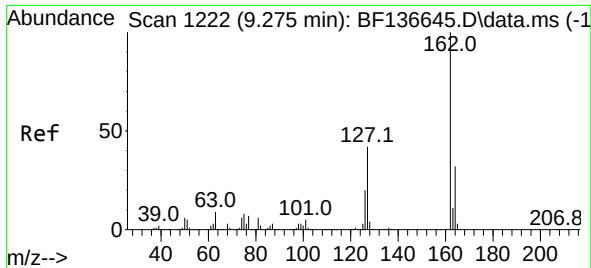
Tgt Ion:172 Resp: 870679
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.6
170 23.3 19.0 28.4



#46
1,1'-Biphenyl
Concen: 39.261 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

Tgt Ion:154 Resp: 521084
Ion Ratio Lower Upper
154 100
153 40.9 21.1 61.1
76 11.8 0.0 31.7

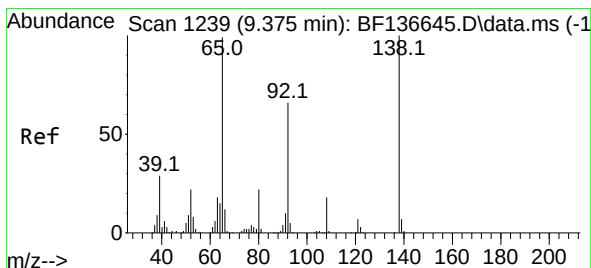
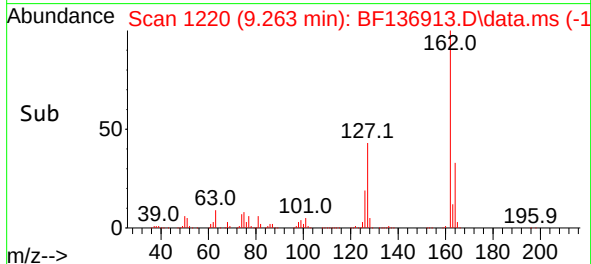
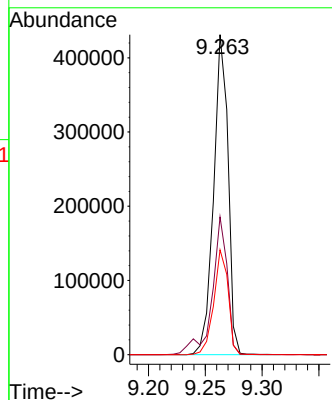
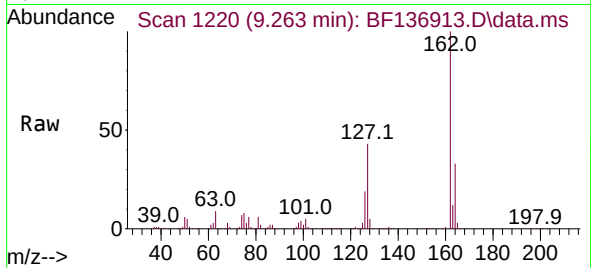




#47
2-Chloronaphthalene
Concen: 37.765 ng
RT: 9.263 min Scan# 1222
Delta R.T. -0.012 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

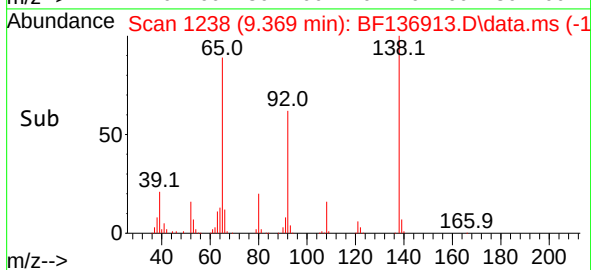
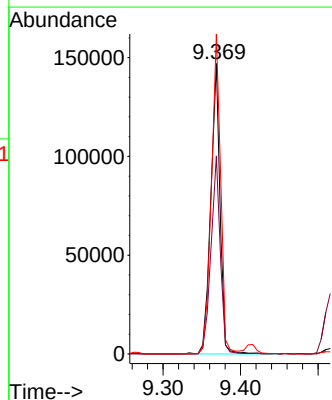
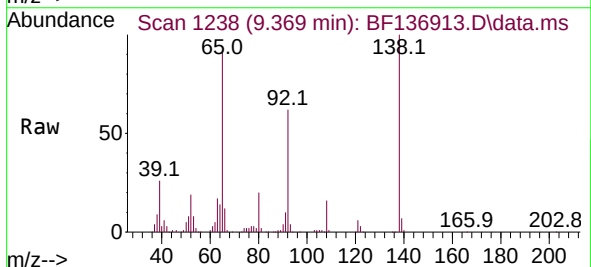
Instrument :
BNA_F
ClientSampleId :
PB157954BS

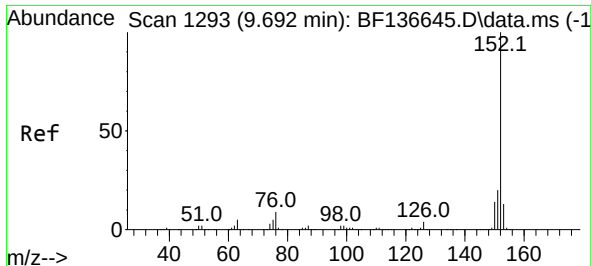
Tgt Ion:162 Resp: 381042
Ion Ratio Lower Upper
162 100
127 43.1 33.6 50.4
164 32.8 25.7 38.5



#48
2-Nitroaniline
Concen: 38.764 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

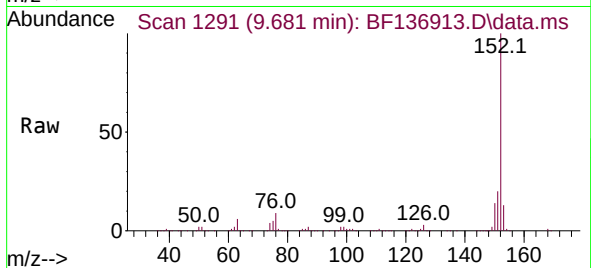
Tgt Ion: 65 Resp: 122478
Ion Ratio Lower Upper
65 100
92 68.2 53.2 79.8
138 110.2 81.1 121.7



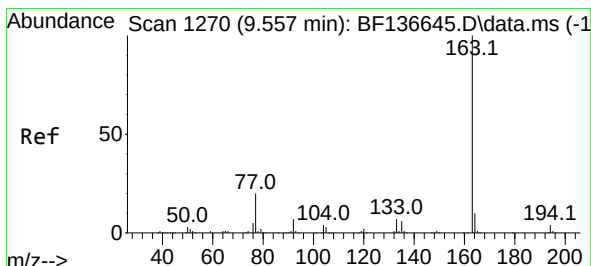
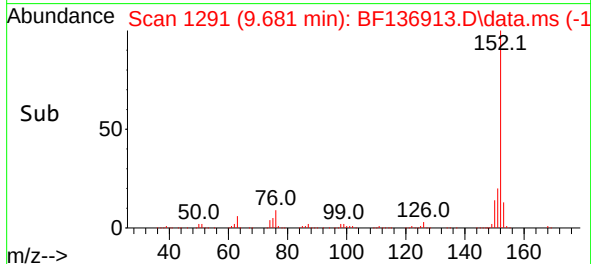
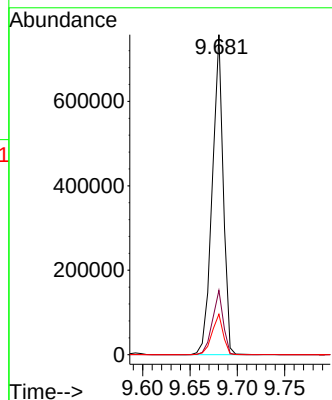


#49
Acenaphthylene
Concen: 39.382 ng
RT: 9.681 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

Instrument :
BNA_F
ClientSampleId :
PB157954BS

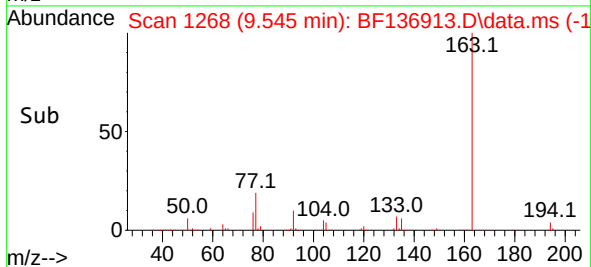
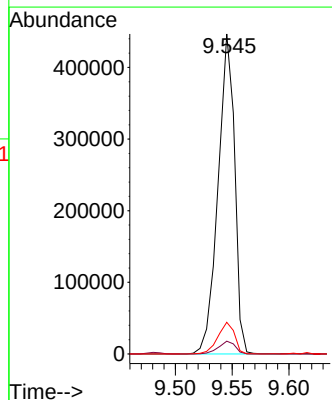
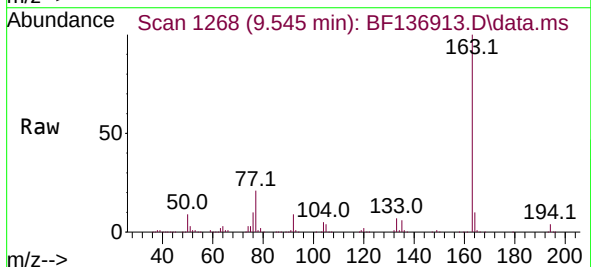


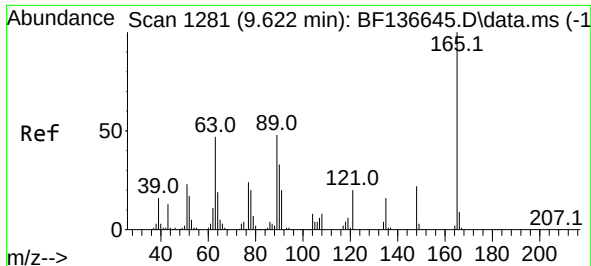
Tgt Ion:152 Resp: 607357
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 12.7 10.2 15.2



#50
Dimethylphthalate
Concen: 39.349 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

Tgt Ion:163 Resp: 454584
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.9 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 38.645 ng

RT: 9.610 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136913.D

Acq: 03 Jan 2024 18:09

Instrument :

BNA_F

ClientSampleId :

PB157954BS

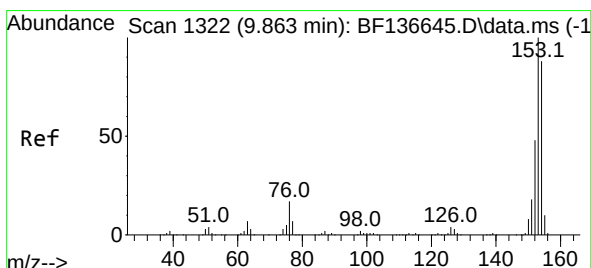
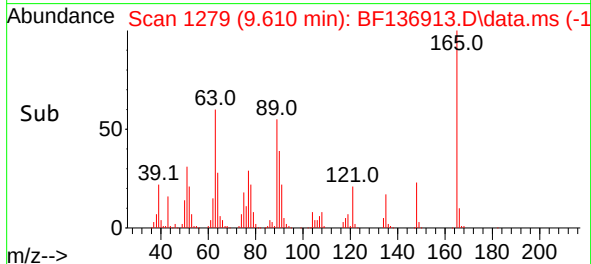
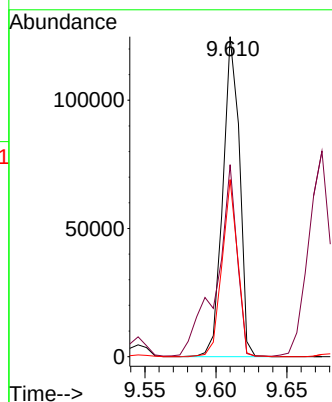
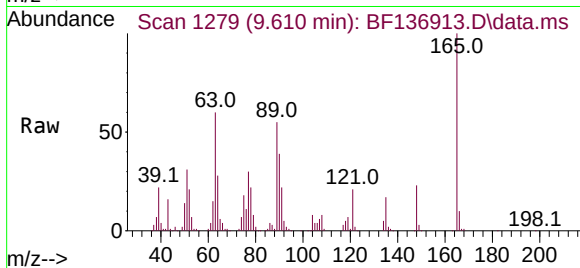
Tgt Ion:165 Resp: 101323

Ion Ratio Lower Upper

165 100

63 60.0 39.8 59.6#

89 55.3 38.8 58.2



#52

Acenaphthene

Concen: 38.669 ng

RT: 9.851 min Scan# 1320

Delta R.T. -0.012 min

Lab File: BF136913.D

Acq: 03 Jan 2024 18:09

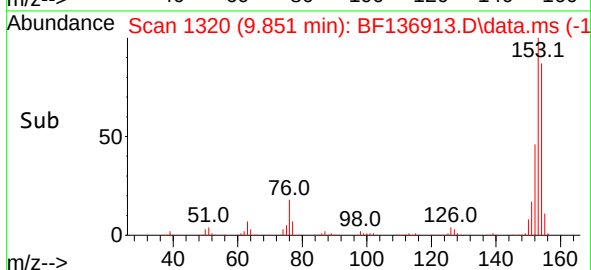
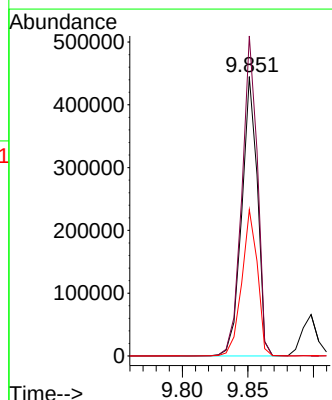
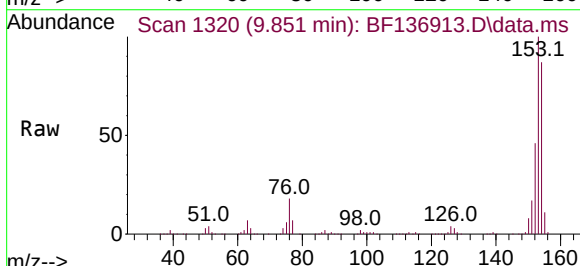
Tgt Ion:154 Resp: 369670

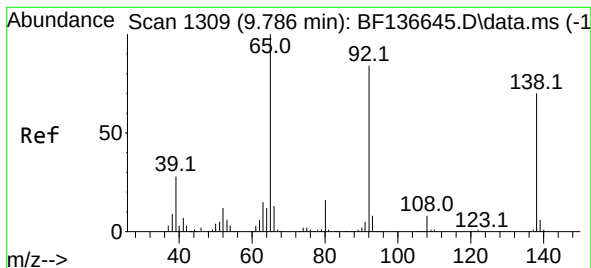
Ion Ratio Lower Upper

154 100

153 114.6 90.7 136.1

152 52.4 43.7 65.5





#53

3-Nitroaniline

Concen: 29.101 ng

RT: 9.780 min Scan# 1309

Delta R.T. -0.006 min

Lab File: BF136913.D

Acq: 03 Jan 2024 18:09

Instrument :

BNA_F

ClientSampleId :

PB157954BS

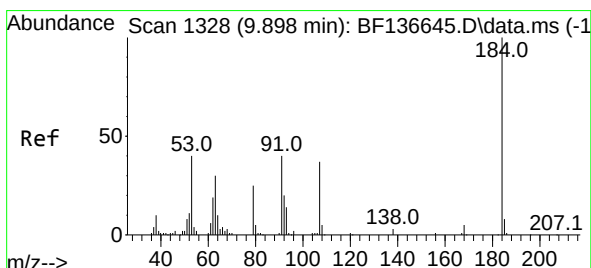
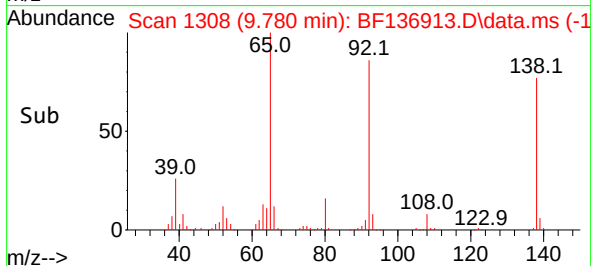
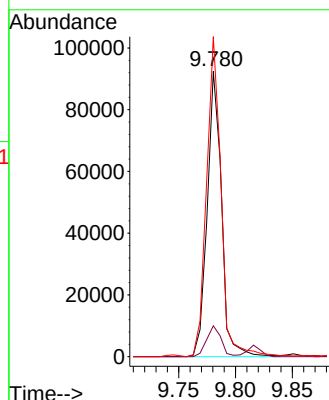
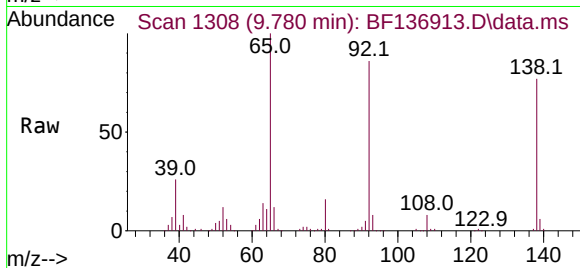
Tgt Ion:138 Resp: 80825

Ion Ratio Lower Upper

138 100

108 10.8 8.6 12.8

92 112.2 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 68.911 ng

RT: 9.898 min Scan# 1328

Delta R.T. 0.000 min

Lab File: BF136913.D

Acq: 03 Jan 2024 18:09

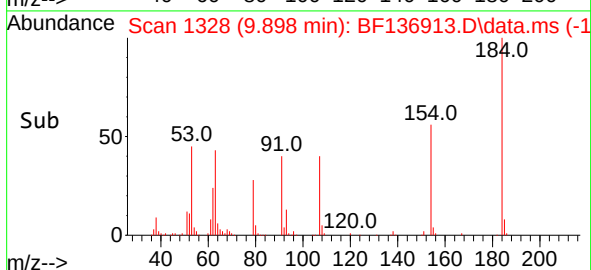
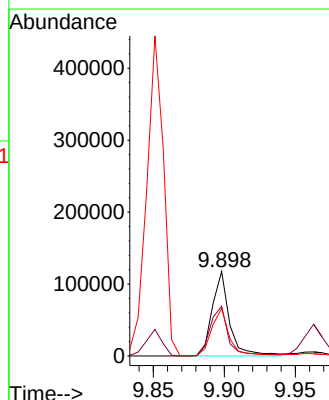
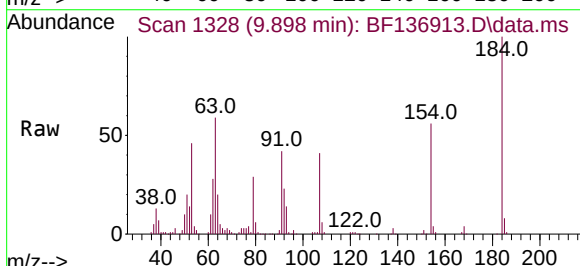
Tgt Ion:184 Resp: 99345

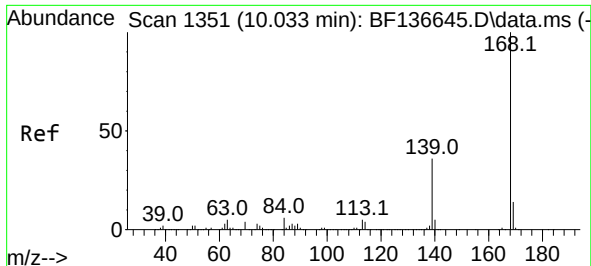
Ion Ratio Lower Upper

184 100

63 59.0 40.9 61.3

154 56.1 42.7 64.1

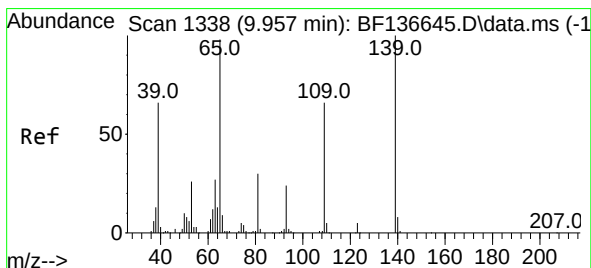
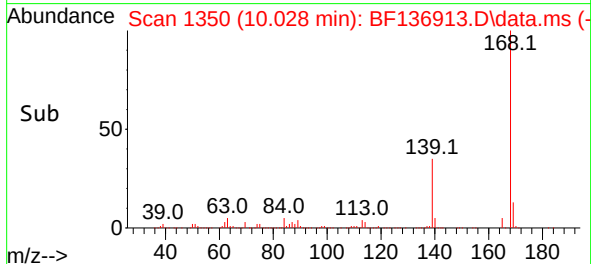
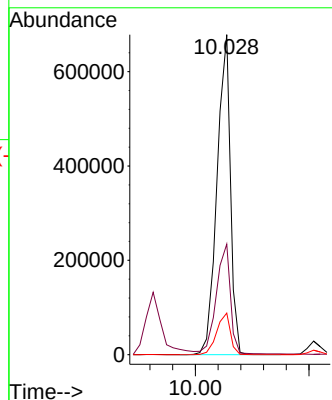
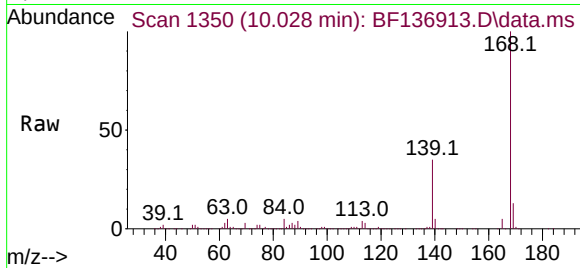




#55
Dibenzenofuran
Concen: 38.375 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

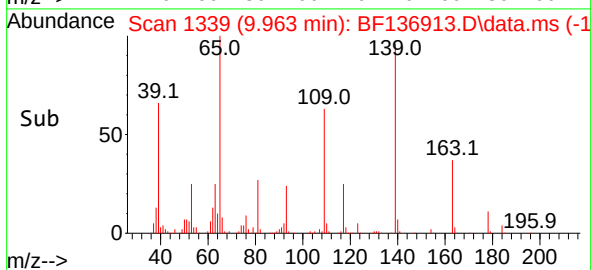
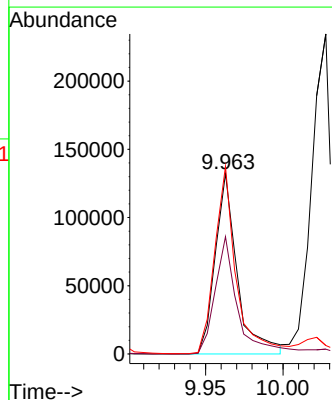
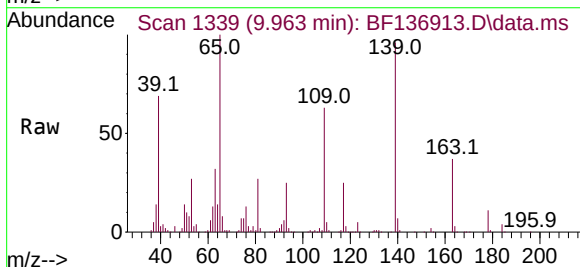
Instrument :
BNA_F
ClientSampleId :
PB157954BS

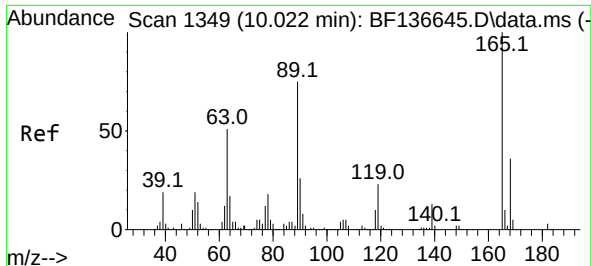
Tgt Ion:168 Resp: 556113
Ion Ratio Lower Upper
168 100
139 34.6 29.3 43.9
169 13.0 11.0 16.4



#56
4-Nitrophenol
Concen: 69.719 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

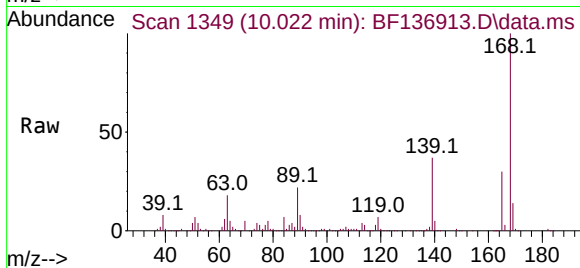
Tgt Ion:139 Resp: 130716
Ion Ratio Lower Upper
139 100
109 65.0 45.8 85.8
65 104.0 77.8 117.8



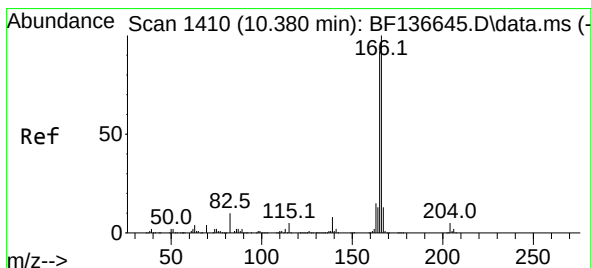
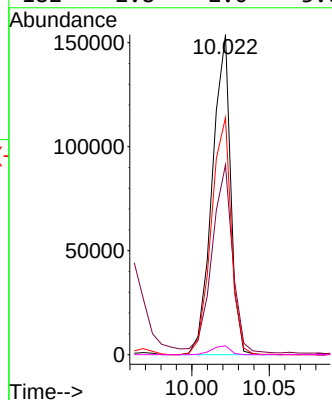
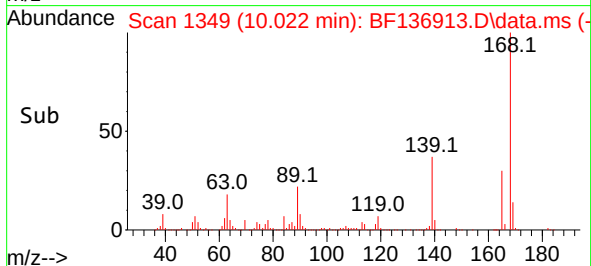


#57
2,4-Dinitrotoluene
Concen: 37.292 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

Instrument :
BNA_F
ClientSampleId :
PB157954BS

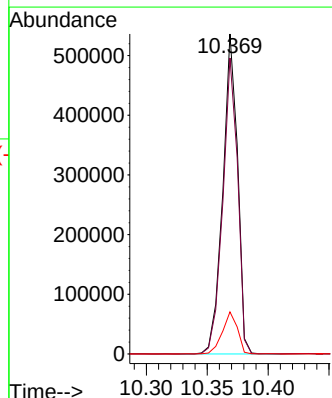
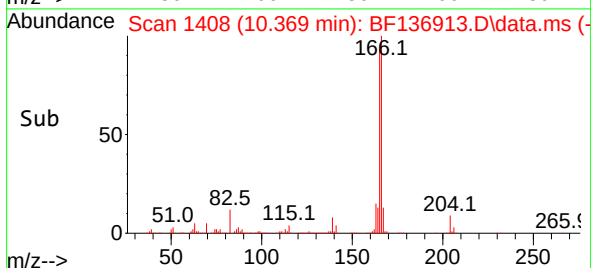
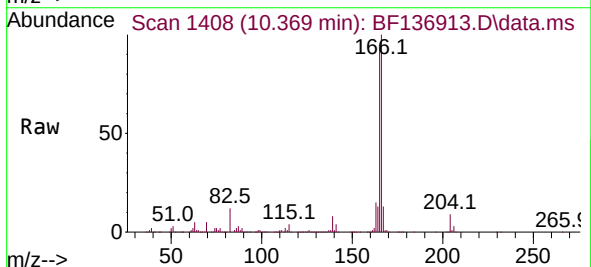


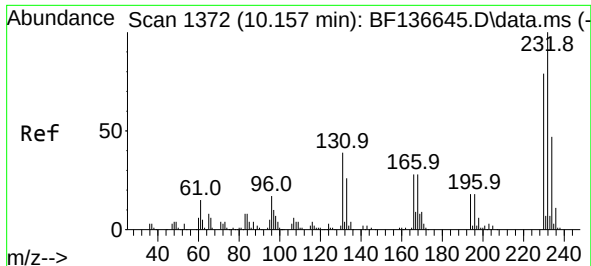
Tgt Ion:	165	Resp:	126929
Ion	Ratio	Lower	Upper
165	100		
63	59.3	41.0	61.6
89	74.1	59.9	89.9
182	2.8	2.0	3.0



#58
Fluorene
Concen: 39.494 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

Tgt Ion:	166	Resp:	454121
Ion	Ratio	Lower	Upper
166	100		
165	92.5	73.7	110.5
167	13.2	10.4	15.6

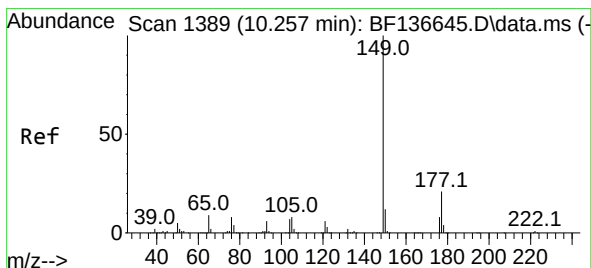
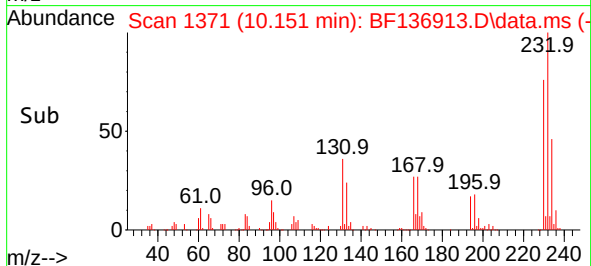
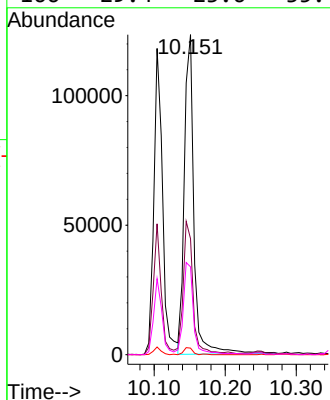
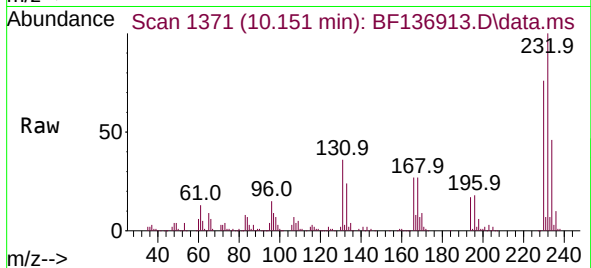




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.580 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

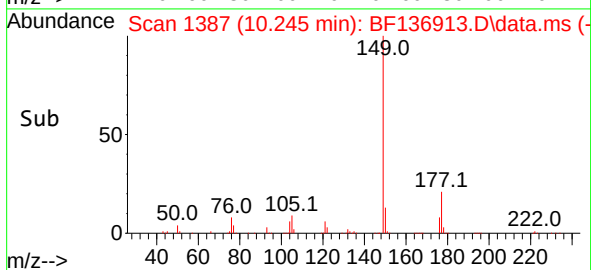
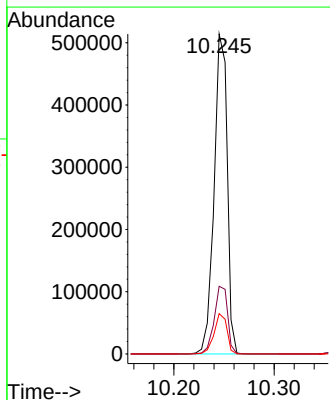
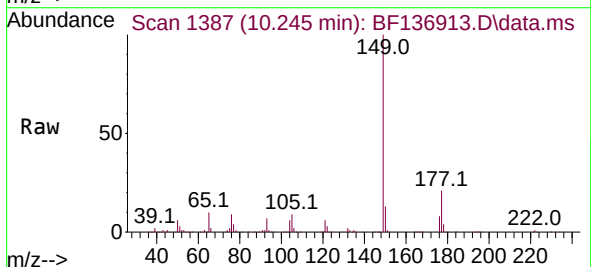
Instrument :
BNA_F
ClientSampleId :
PB157954BS

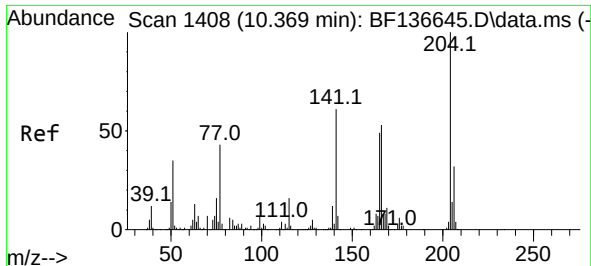
Tgt Ion:232 Resp: 114739
Ion Ratio Lower Upper
232 100
131 42.0 35.1 52.7
130 2.2 1.6 2.4
166 29.4 23.6 35.4



#60
Diethylphthalate
Concen: 38.835 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

Tgt Ion:149 Resp: 465491
Ion Ratio Lower Upper
149 100
177 21.2 16.9 25.3
150 12.6 9.3 13.9

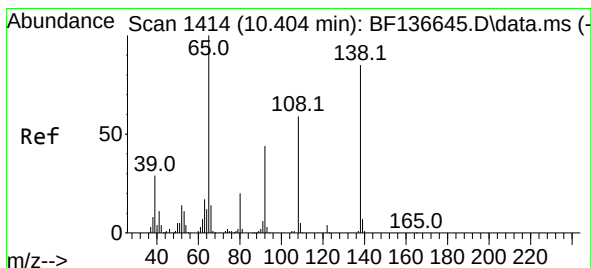
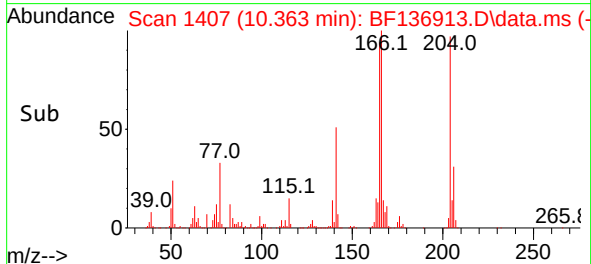
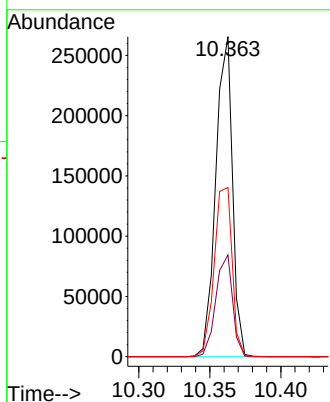
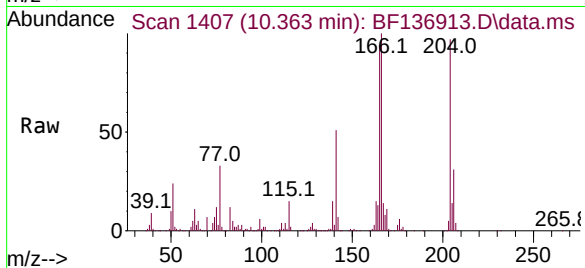




#61
4-Chlorophenyl-phenylether
Concen: 38.757 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

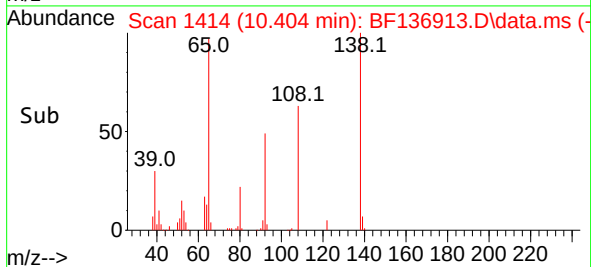
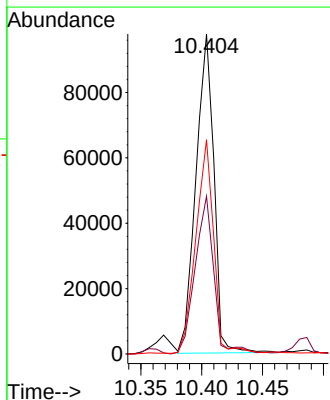
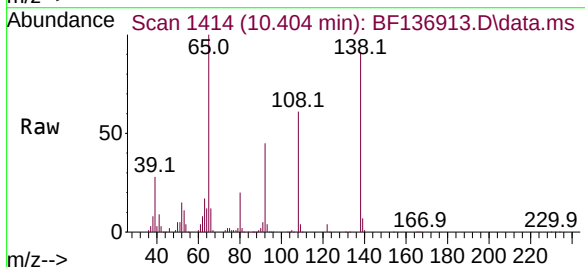
Instrument :
BNA_F
ClientSampleId :
PB157954BS

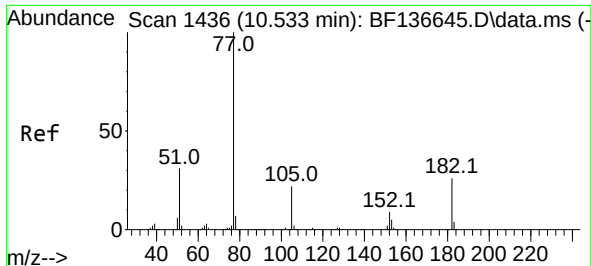
Tgt Ion:204 Resp: 216612
Ion Ratio Lower Upper
204 100
206 31.8 25.6 38.4
141 52.9 48.4 72.6



#62
4-Nitroaniline
Concen: 37.479 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

Tgt Ion:138 Resp: 100349
Ion Ratio Lower Upper
138 100
92 49.3 32.1 72.1
108 67.0 50.1 90.1

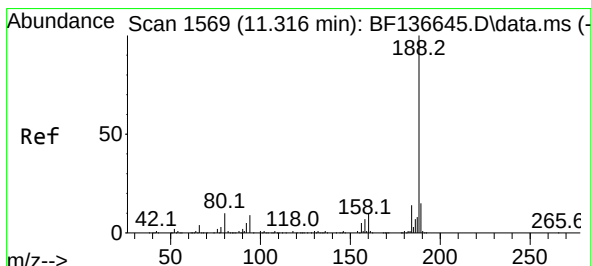
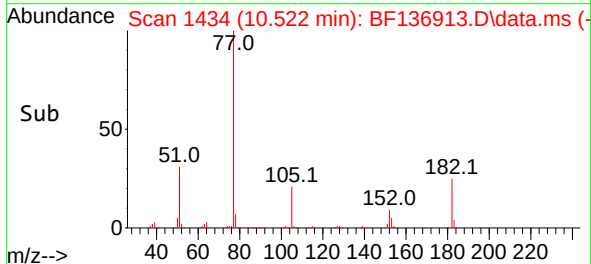
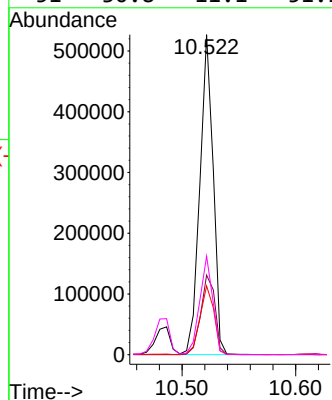
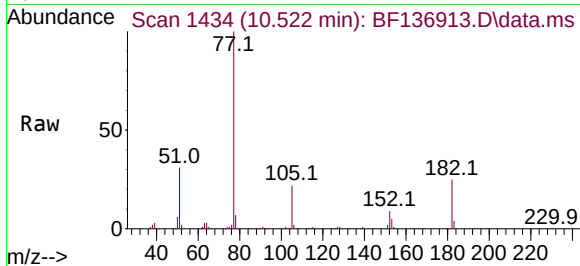




#63
Azobenzene
Concen: 38.165 ng
RT: 10.522 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

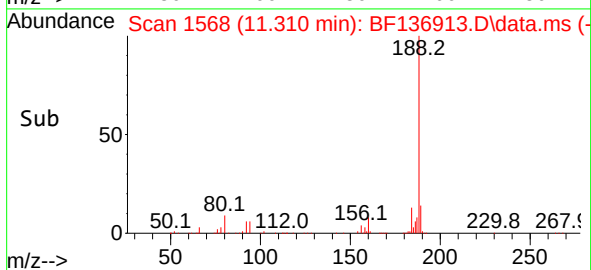
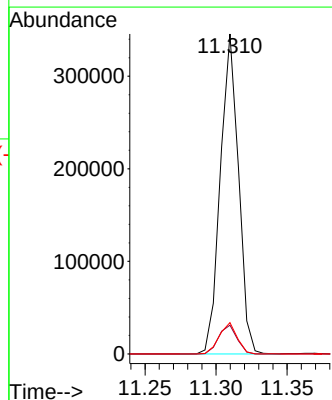
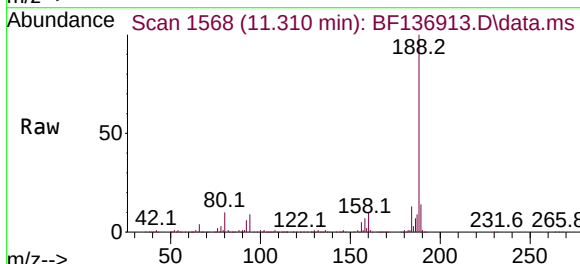
Instrument :
BNA_F
ClientSampleId :
PB157954BS

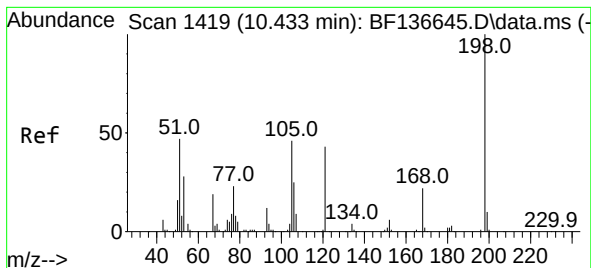
Tgt Ion: 77	Resp: 427273
Ion Ratio	Lower Upper
77 100	
182 24.9	6.0 46.0
105 21.5	2.3 42.3
51 30.8	11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

Tgt Ion:188	Resp: 307337
Ion Ratio	Lower Upper
188 100	
94 9.0	7.5 11.3
80 9.8	8.1 12.1

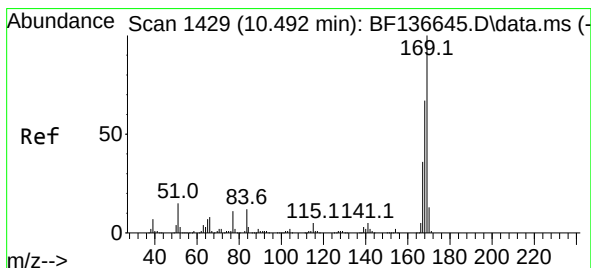
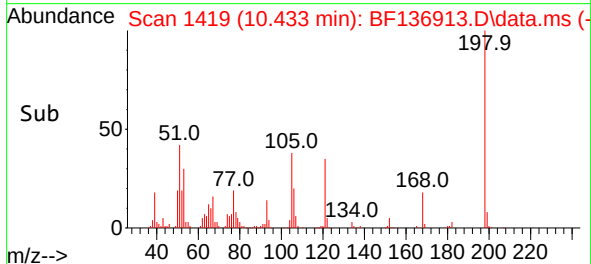
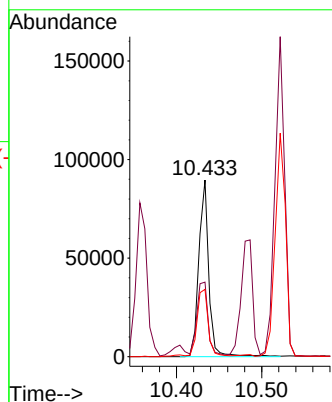
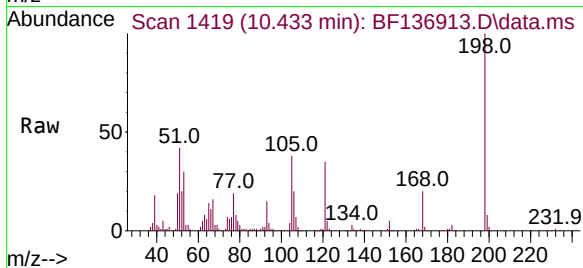




#65
4,6-Dinitro-2-methylphenol
Concen: 41.573 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

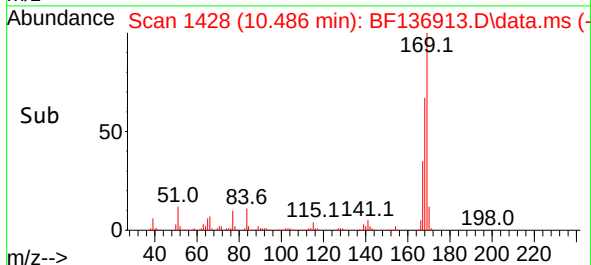
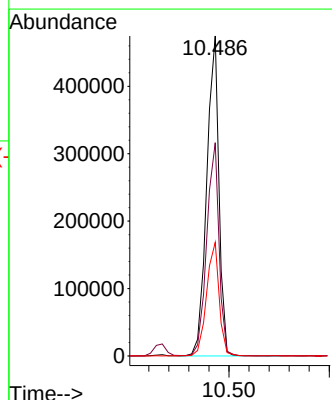
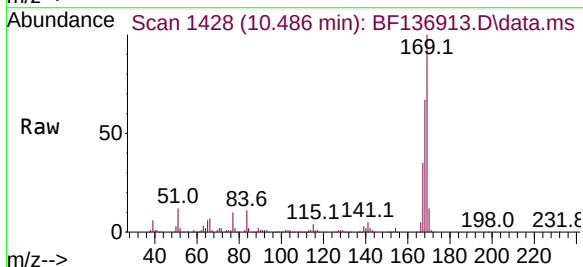
Instrument :
BNA_F
ClientSampleId :
PB157954BS

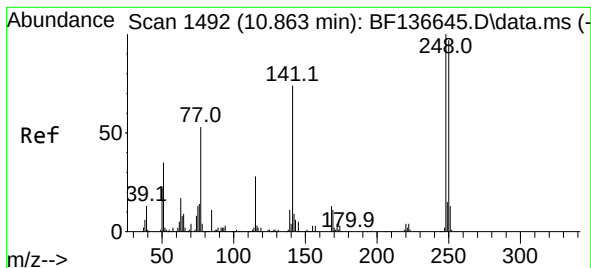
Tgt Ion:198 Resp: 73224
Ion Ratio Lower Upper
198 100
51 42.2 34.1 74.1
105 38.1 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 40.422 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

Tgt Ion:169 Resp: 403563
Ion Ratio Lower Upper
169 100
168 66.7 53.8 80.6
167 35.5 28.7 43.1

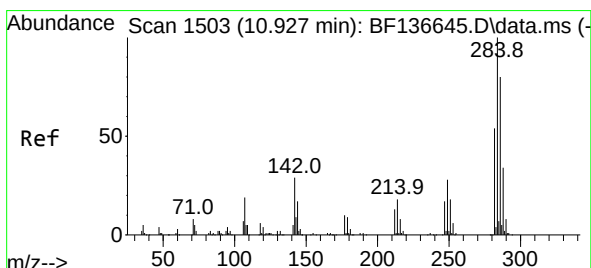
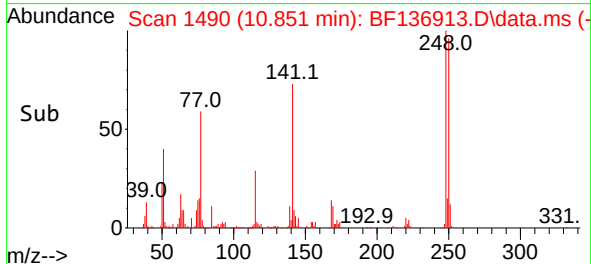
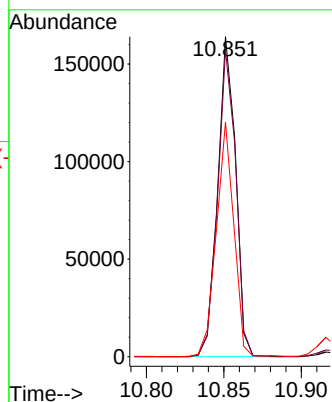
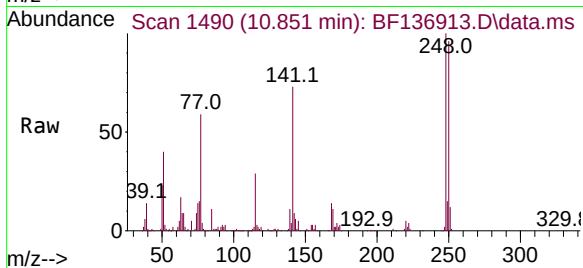




#67
4-Bromophenyl-phenylether
Concen: 38.720 ng
RT: 10.851 min Scan# 1492
Delta R.T. -0.012 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

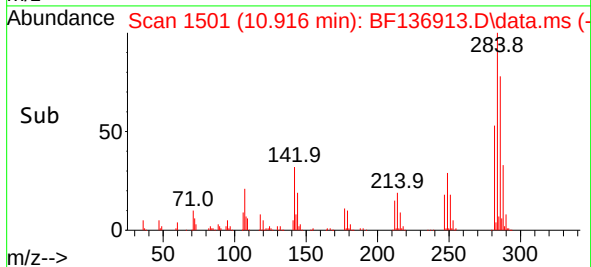
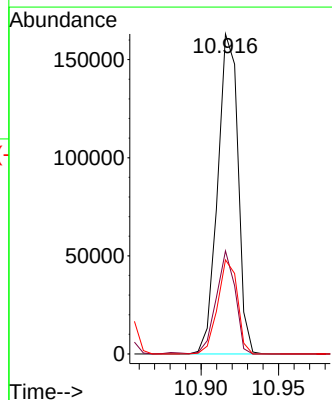
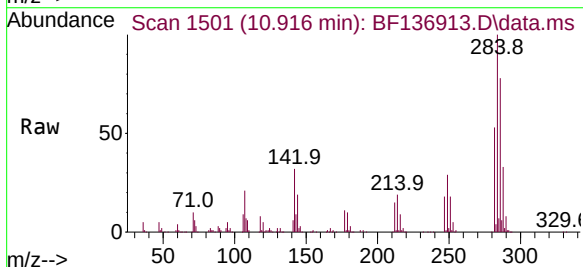
Instrument :
BNA_F
ClientSampleId :
PB157954BS

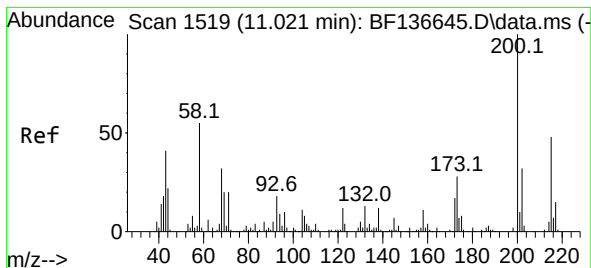
Tgt Ion:248 Resp: 132161
Ion Ratio Lower Upper
248 100
250 95.8 77.8 116.6
141 73.4 59.2 88.8



#68
Hexachlorobenzene
Concen: 39.086 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.012 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

Tgt Ion:284 Resp: 148671
Ion Ratio Lower Upper
284 100
142 32.2 23.4 35.0
249 29.4 22.3 33.5





#69

Atrazine

Concen: 71.071 ng

RT: 11.022 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136913.D

Acq: 03 Jan 2024 18:09

Instrument :

BNA_F

ClientSampleId :

PB157954BS

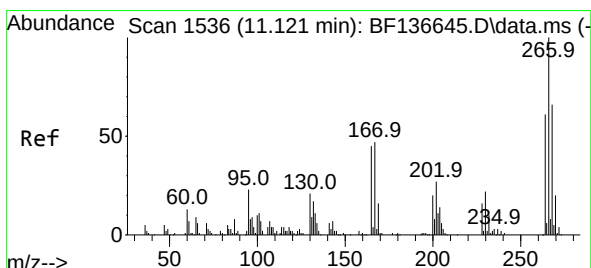
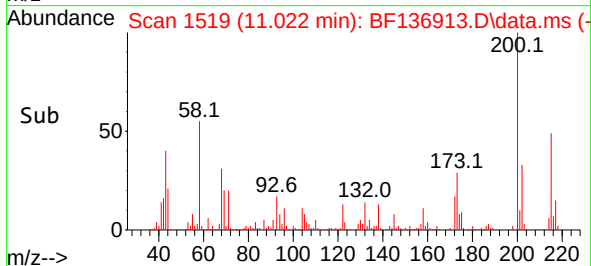
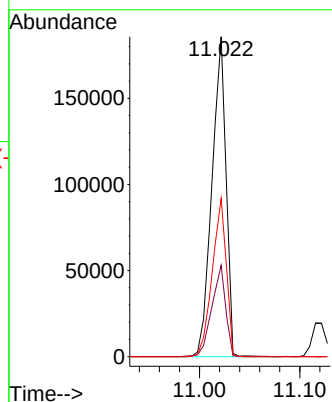
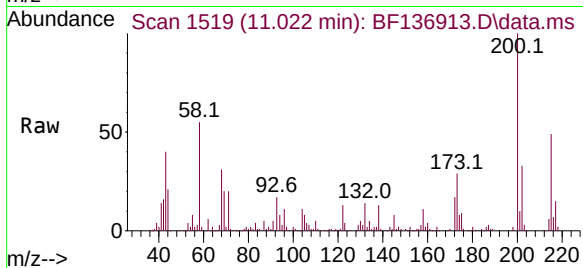
Tgt Ion:200 Resp: 181482

Ion Ratio Lower Upper

200 100

173 28.6 7.6 47.6

215 49.4 28.3 68.3



#70

Pentachlorophenol

Concen: 65.900 ng

RT: 11.122 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF136913.D

Acq: 03 Jan 2024 18:09

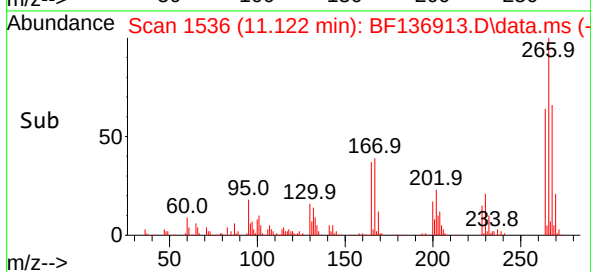
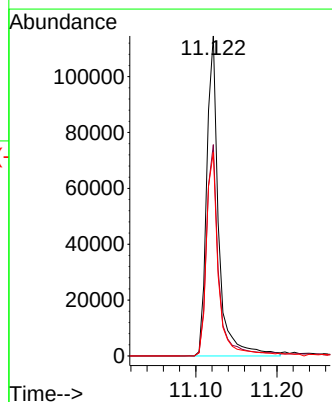
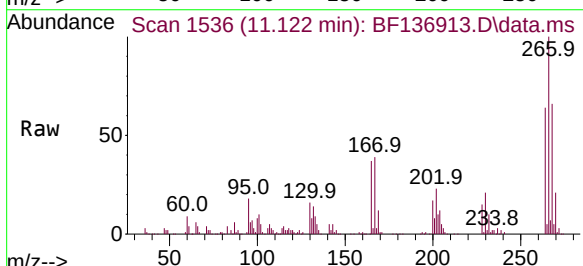
Tgt Ion:266 Resp: 116838

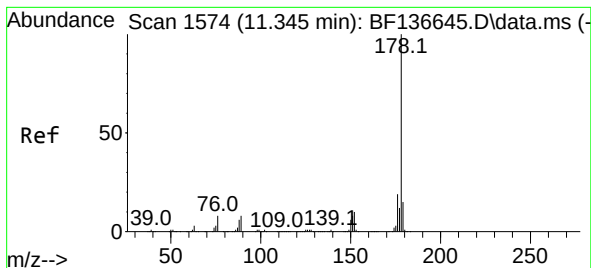
Ion Ratio Lower Upper

266 100

268 66.0 52.6 78.8

264 63.6 49.0 73.4





#71

Phenanthrene

Concen: 40.595 ng

RT: 11.339 min Scan# 1573

Delta R.T. -0.006 min

Lab File: BF136913.D

Acq: 03 Jan 2024 18:09

Instrument :

BNA_F

ClientSampleId :

PB157954BS

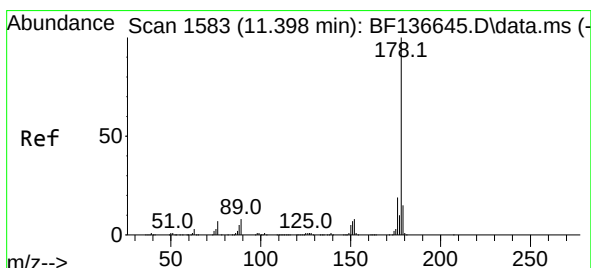
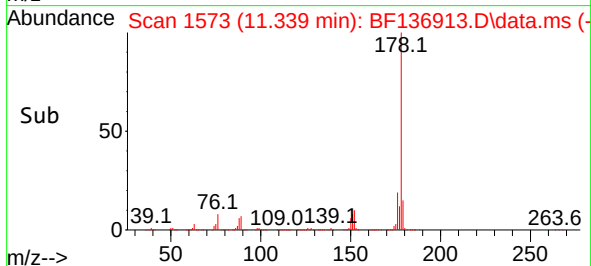
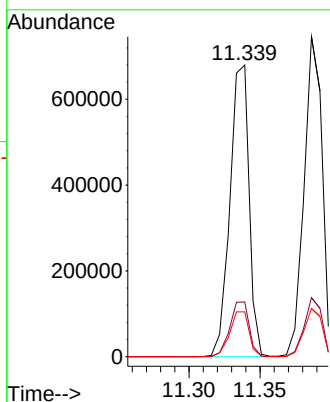
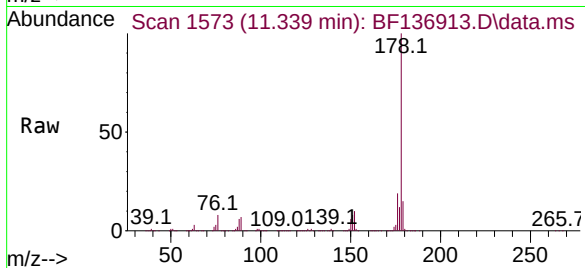
Tgt Ion:178 Resp: 640170

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

179 15.4 11.9 17.9



#72

Anthracene

Concen: 41.261 ng

RT: 11.386 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF136913.D

Acq: 03 Jan 2024 18:09

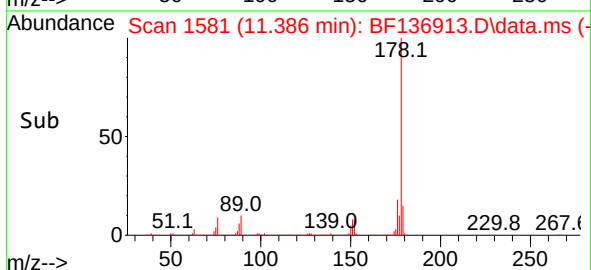
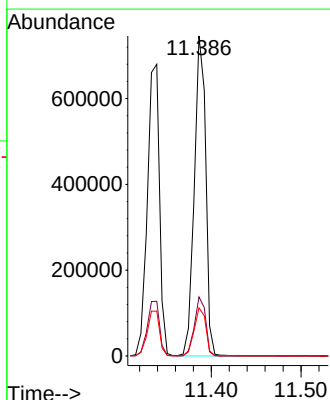
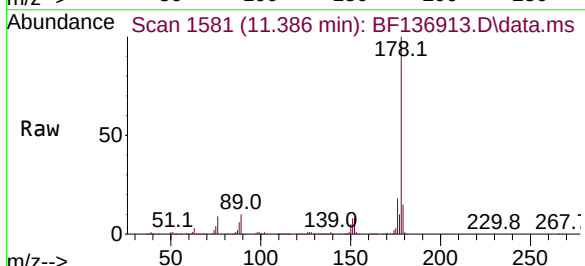
Tgt Ion:178 Resp: 658953

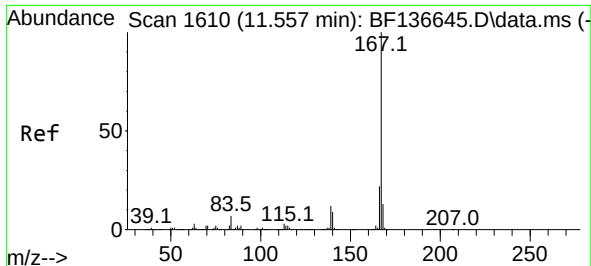
Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

179 15.0 11.8 17.6

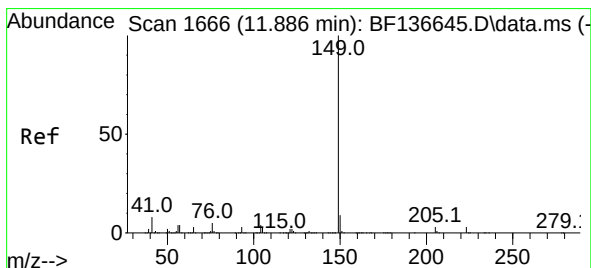
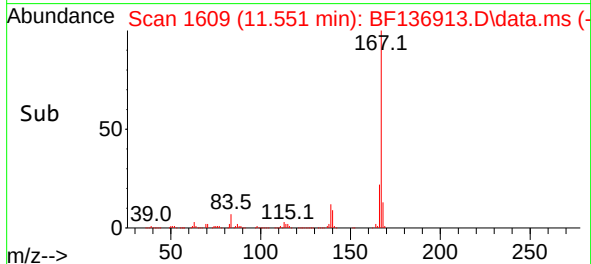
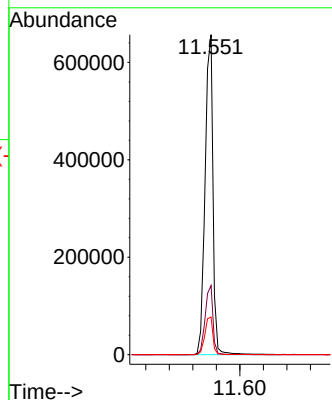
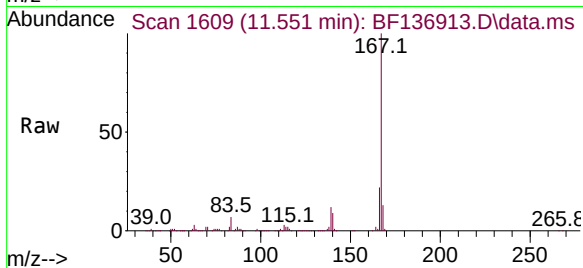




#73
Carbazole
Concen: 40.436 ng
RT: 11.551 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

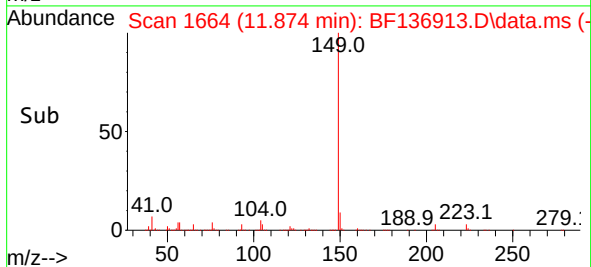
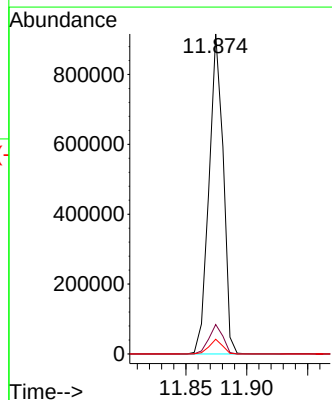
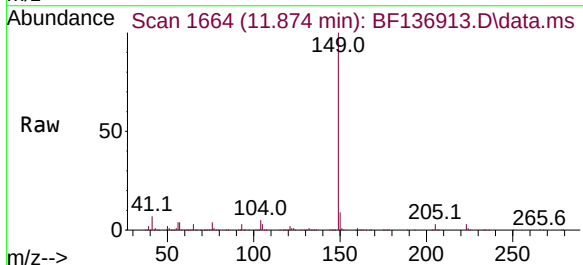
Instrument :
BNA_F
ClientSampleId :
PB157954BS

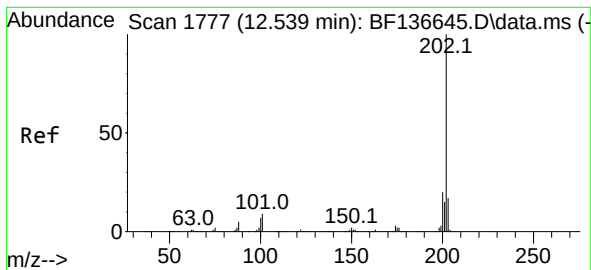
Tgt Ion:167 Resp: 608853
Ion Ratio Lower Upper
167 100
166 21.6 17.3 25.9
139 11.7 9.8 14.6



#74
Di-n-butylphthalate
Concen: 40.525 ng
RT: 11.874 min Scan# 1664
Delta R.T. -0.012 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

Tgt Ion:149 Resp: 744579
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 4.6 3.6 5.4





#75

Fluoranthene

Concen: 39.568 ng

RT: 12.527 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136913.D

Acq: 03 Jan 2024 18:09

Instrument :

BNA_F

ClientSampleId :

PB157954BS

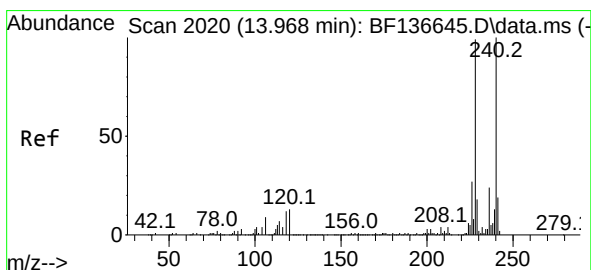
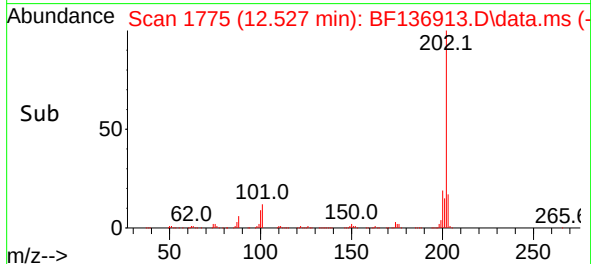
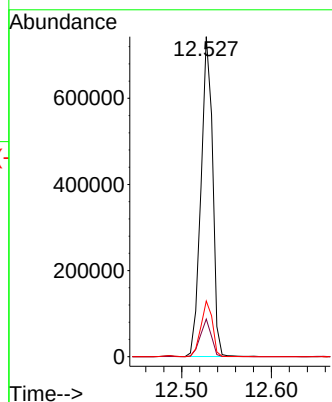
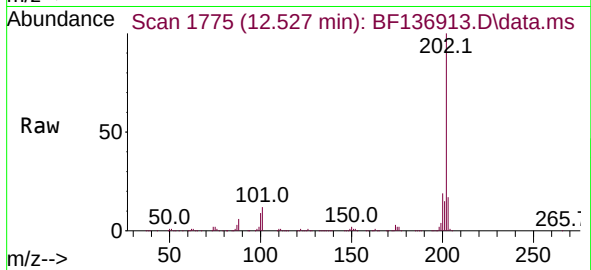
Tgt Ion:202 Resp: 667437

Ion Ratio Lower Upper

202 100

101 11.7 0.0 29.3

203 17.4 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF136913.D

Acq: 03 Jan 2024 18:09

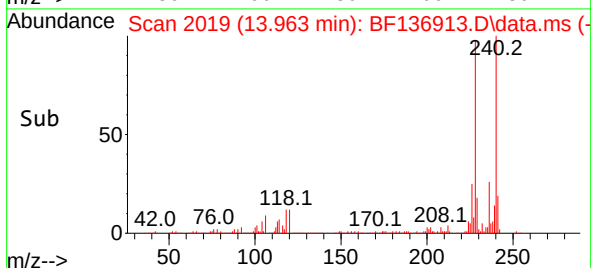
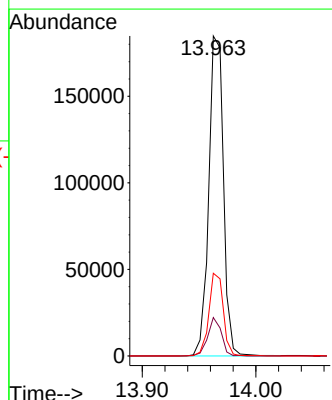
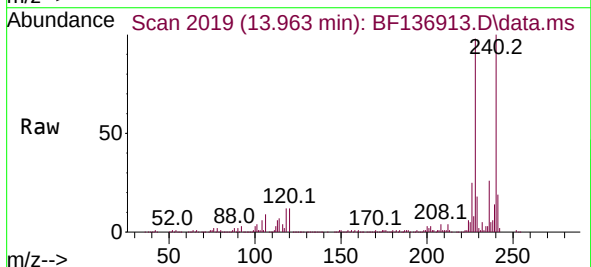
Tgt Ion:240 Resp: 165828

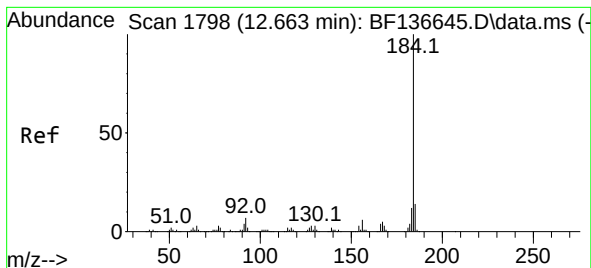
Ion Ratio Lower Upper

240 100

120 12.0 10.3 15.5

236 25.9 19.4 29.2





#77

Benzidine

Concen: 30.664 ng

RT: 12.657 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136913.D

Acq: 03 Jan 2024 18:09

Instrument :

BNA_F

ClientSampleId :

PB157954BS

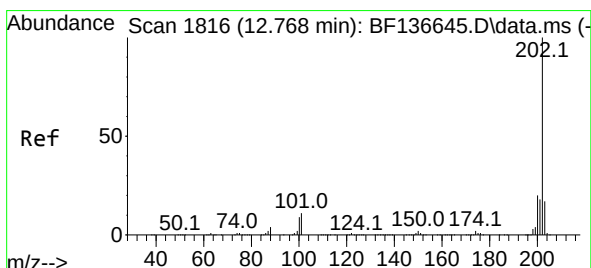
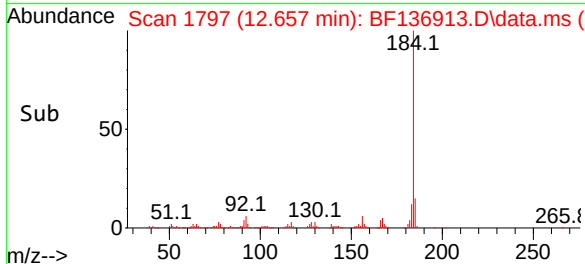
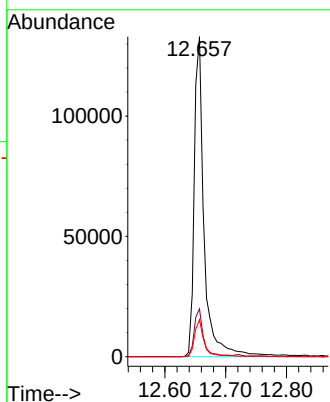
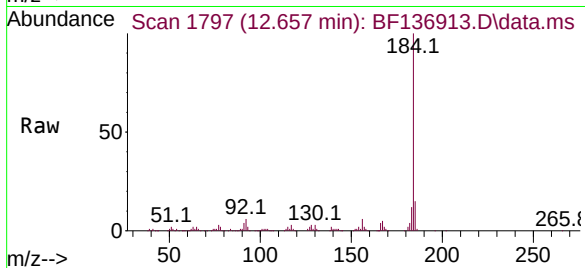
Tgt Ion:184 Resp: 149935

Ion Ratio Lower Upper

184 100

185 15.0 11.2 16.8

183 11.6 9.3 13.9



#78

Pyrene

Concen: 41.070 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF136913.D

Acq: 03 Jan 2024 18:09

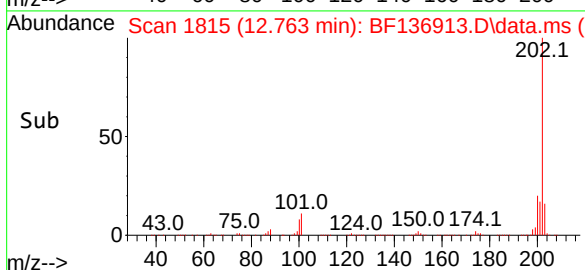
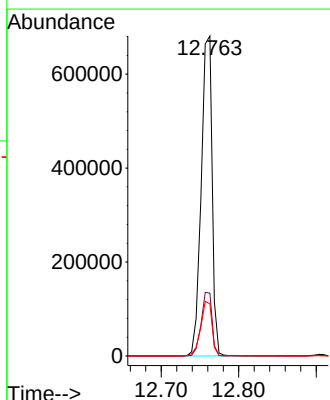
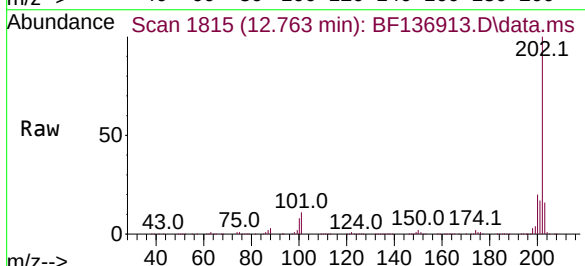
Tgt Ion:202 Resp: 668575

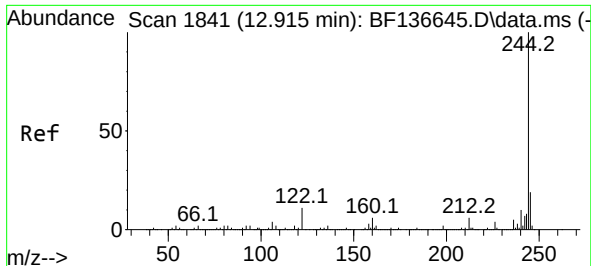
Ion Ratio Lower Upper

202 100

200 19.7 15.9 23.9

203 16.3 13.8 20.6

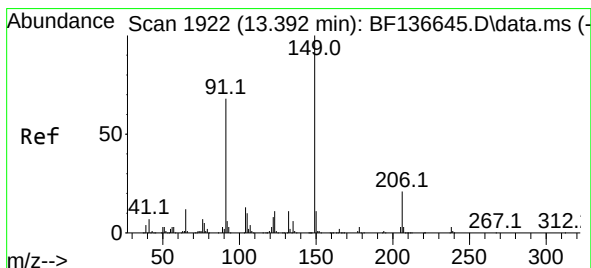
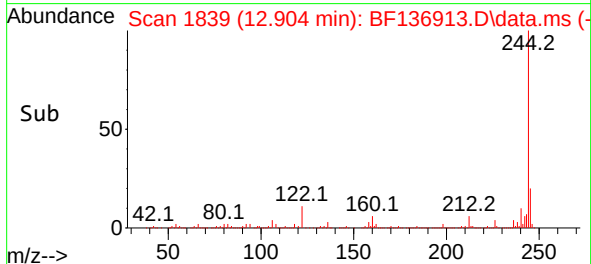
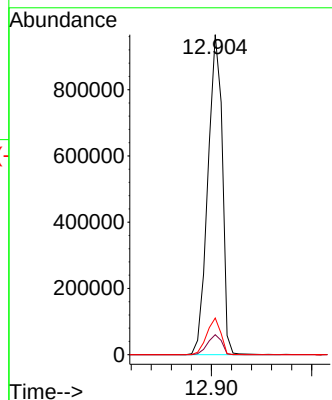
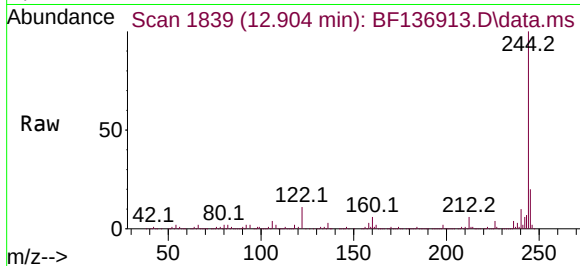




#79
 Terphenyl-d14
 Concen: 81.118 ng
 RT: 12.904 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF136913.D
 Acq: 03 Jan 2024 18:09

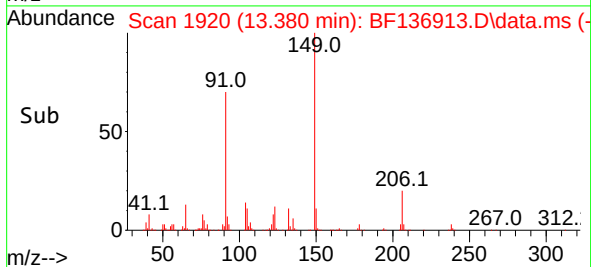
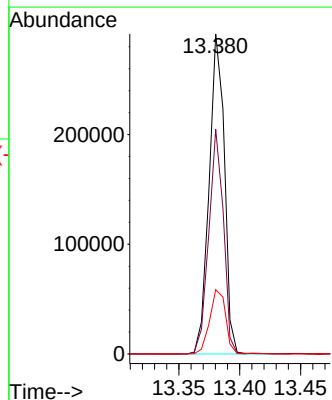
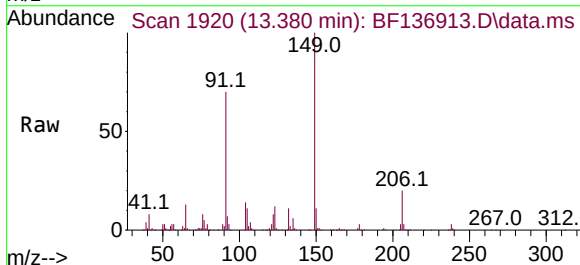
Instrument :
 BNA_F
 ClientSampleId :
 PB157954BS

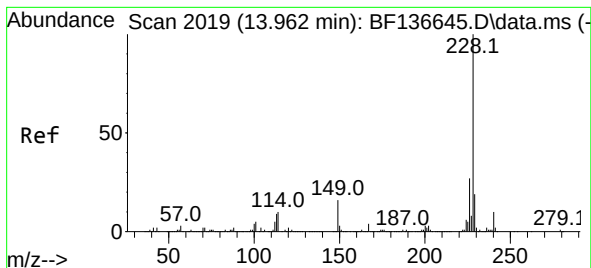
Tgt Ion:244 Resp: 962577
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 11.5 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 43.056 ng
 RT: 13.380 min Scan# 1920
 Delta R.T. -0.012 min
 Lab File: BF136913.D
 Acq: 03 Jan 2024 18:09

Tgt Ion:149 Resp: 255039
 Ion Ratio Lower Upper
 149 100
 91 70.2 54.1 81.1
 206 20.1 17.1 25.7





#81

Benzo(a)anthracene

Concen: 40.691 ng

RT: 13.957 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF136913.D

Acq: 03 Jan 2024 18:09

Instrument :

BNA_F

ClientSampleId :

PB157954BS

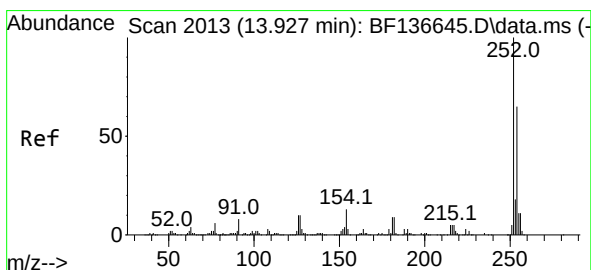
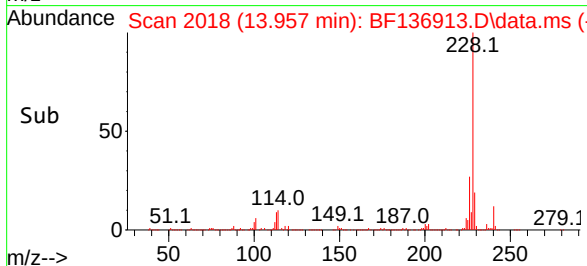
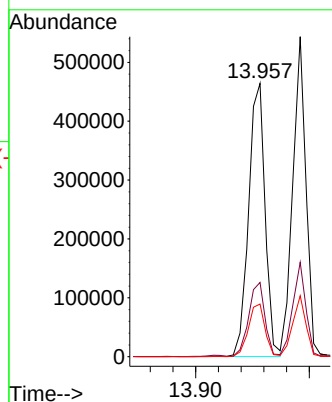
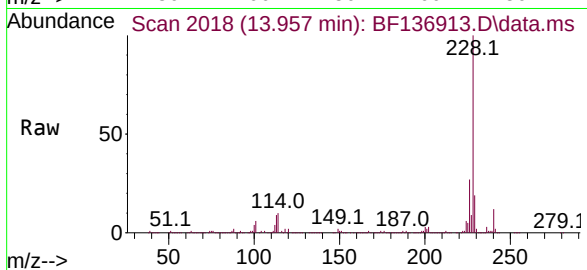
Tgt Ion:228 Resp: 468557

Ion Ratio Lower Upper

228 100

226 27.2 21.4 32.0

229 19.3 14.9 22.3



#82

3,3'-Dichlorobenzidine

Concen: 38.807 ng

RT: 13.921 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF136913.D

Acq: 03 Jan 2024 18:09

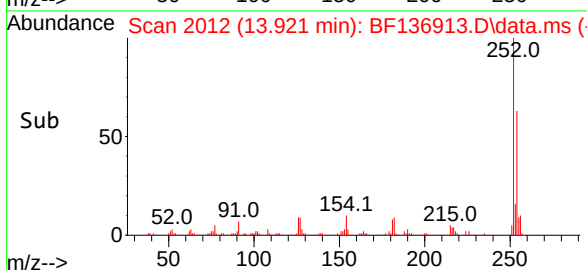
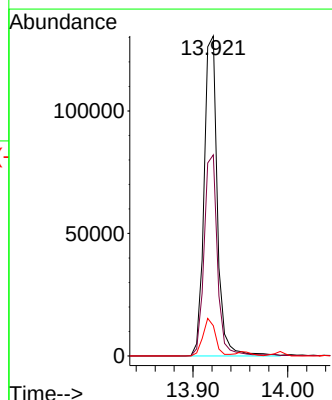
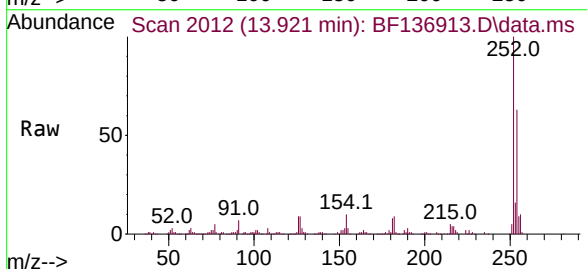
Tgt Ion:252 Resp: 126903

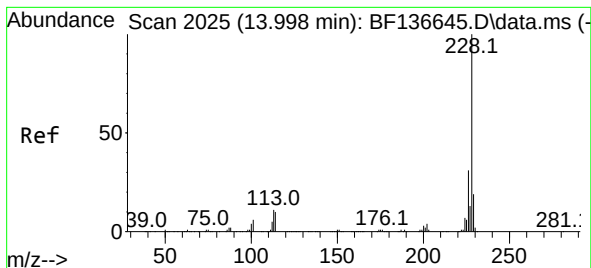
Ion Ratio Lower Upper

252 100

254 62.8 52.2 78.4

126 9.5 8.0 12.0





#83

Chrysene

Concen: 39.319 ng

RT: 13.992 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136913.D

Acq: 03 Jan 2024 18:09

Instrument :

BNA_F

ClientSampleId :

PB157954BS

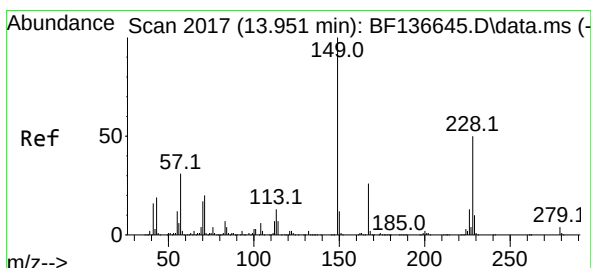
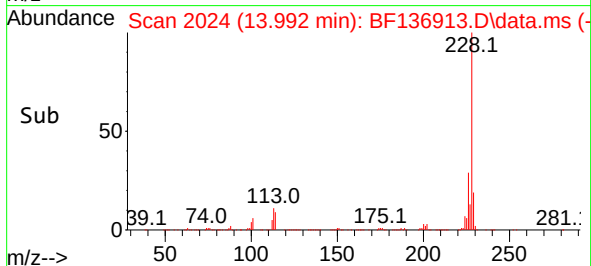
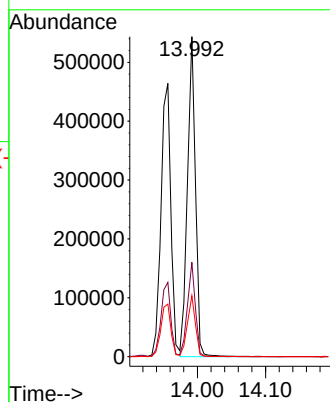
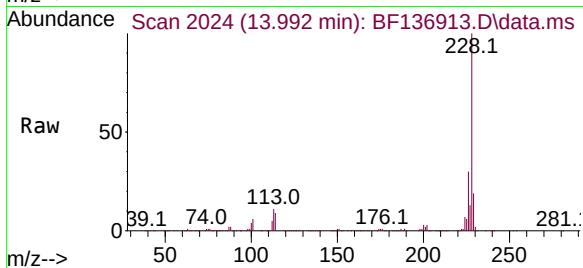
Tgt Ion:228 Resp: 442749

Ion Ratio Lower Upper

228 100

226 29.5 24.7 37.1

229 19.1 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.394 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136913.D

Acq: 03 Jan 2024 18:09

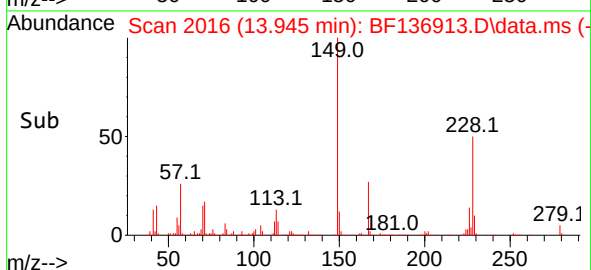
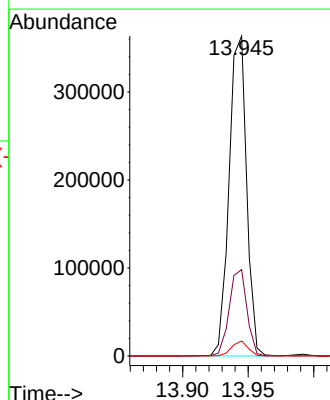
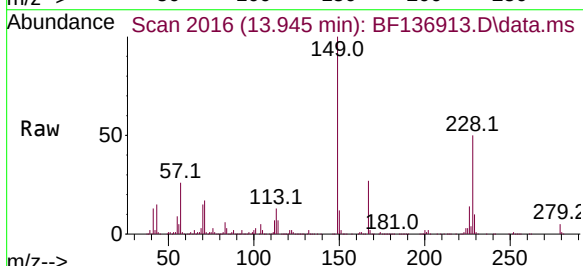
Tgt Ion:149 Resp: 338312

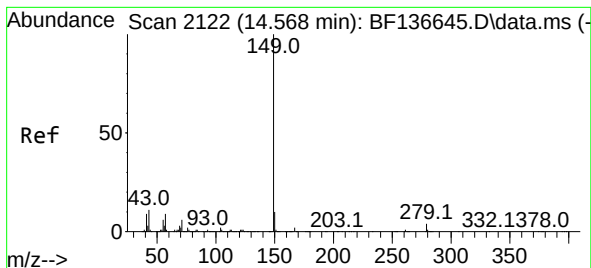
Ion Ratio Lower Upper

149 100

167 27.0 20.9 31.3

279 4.7 2.9 4.3#

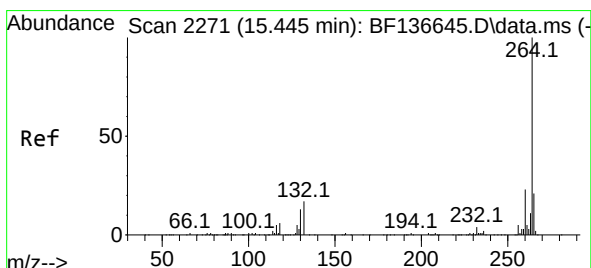
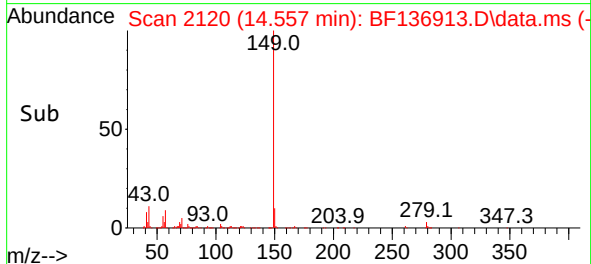
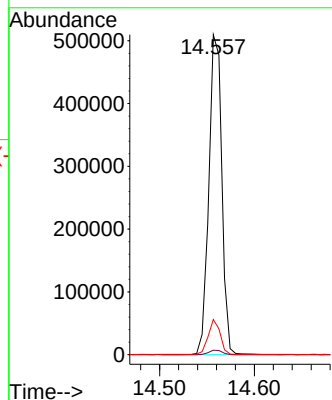
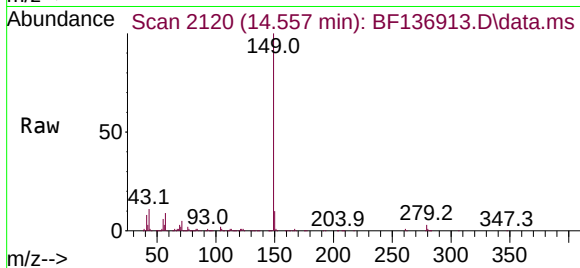




#85
Di-n-octyl phthalate
Concen: 41.869 ng
RT: 14.557 min Scan# 2122
Delta R.T. -0.012 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

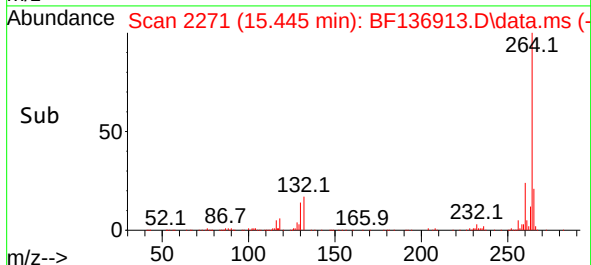
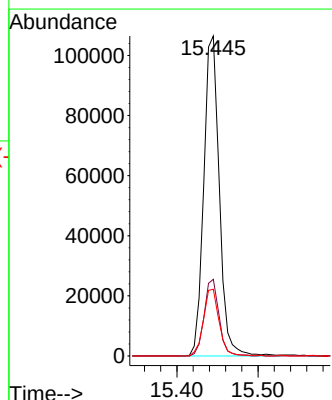
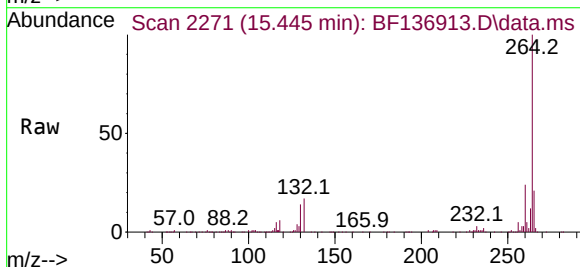
Instrument :
BNA_F
ClientSampleId :
PB157954BS

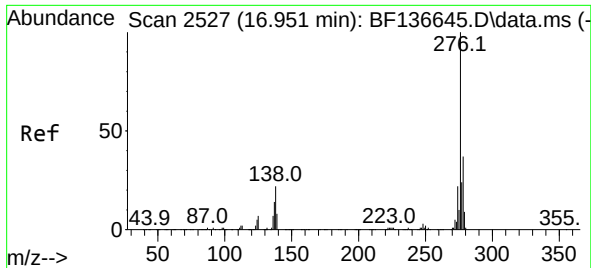
Tgt Ion:149 Resp: 482679
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.0 8.9 13.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

Tgt Ion:264 Resp: 141574
Ion Ratio Lower Upper
264 100
260 24.0 18.3 27.5
265 20.9 17.0 25.6

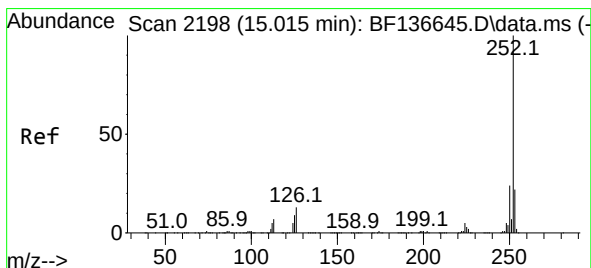
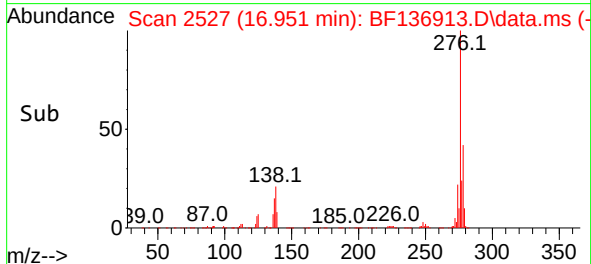
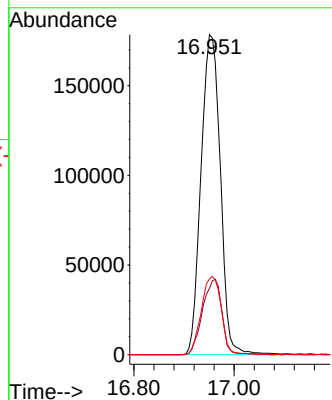
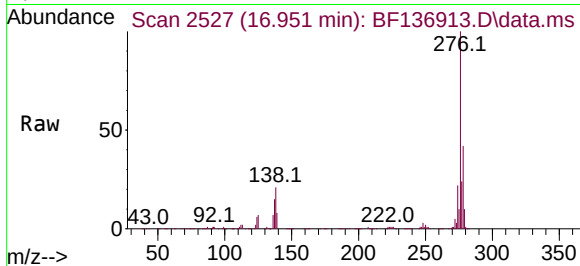




#87
Indeno(1,2,3-cd)pyrene
Concen: 46.663 ng
RT: 16.951 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

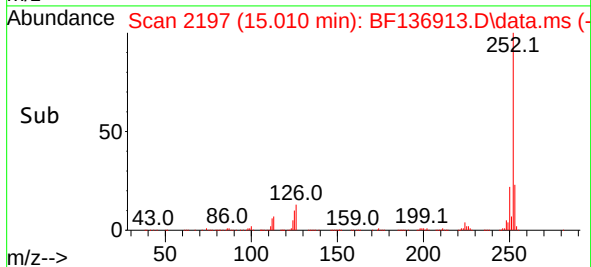
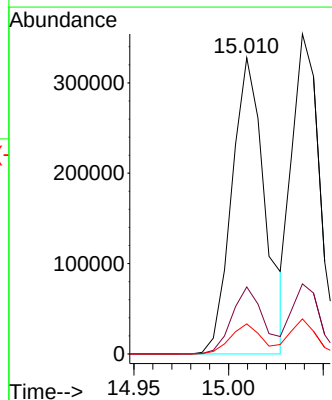
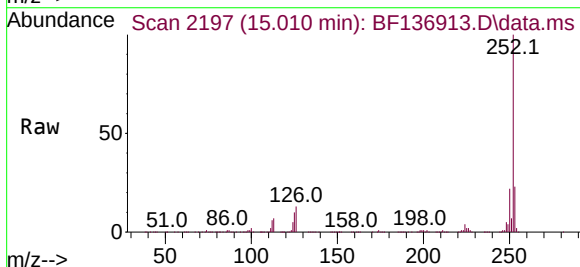
Instrument :
BNA_F
ClientSampleId :
PB157954BS

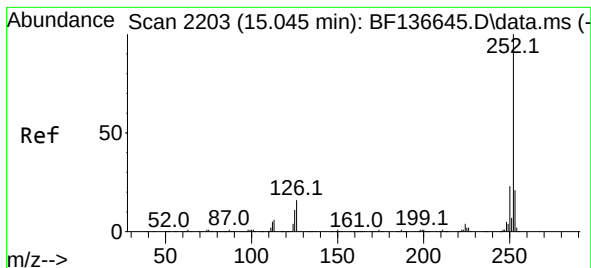
Tgt Ion:276 Resp: 476980
Ion Ratio Lower Upper
276 100
138 23.7 18.7 28.1
277 25.2 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 42.271 ng
RT: 15.010 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

Tgt Ion:252 Resp: 399712
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.0
125 10.2 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 40.053 ng

RT: 15.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136913.D

Acq: 03 Jan 2024 18:09

Instrument :

BNA_F

ClientSampleId :

PB157954BS

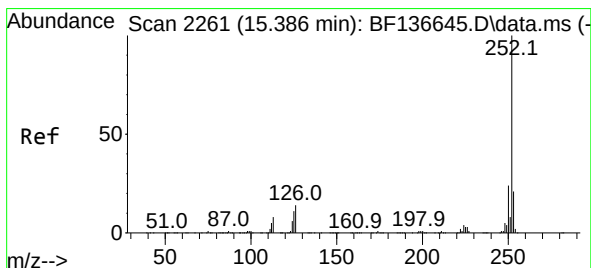
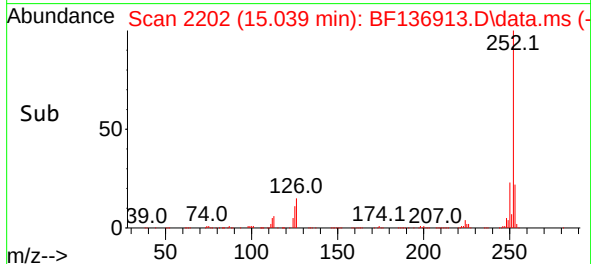
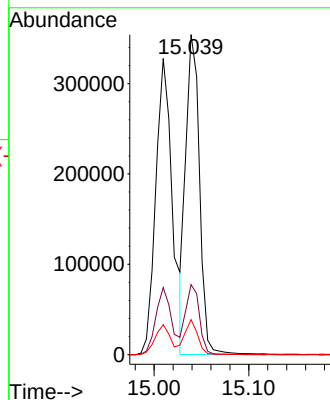
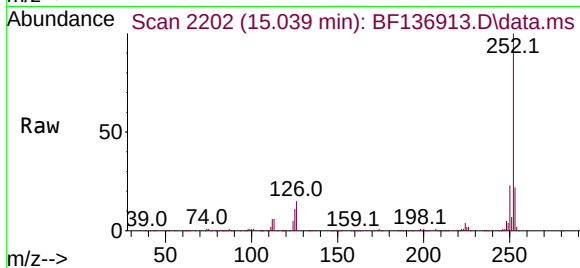
Tgt Ion:252 Resp: 357873

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.6

125 10.9 8.2 12.4



#90

Benzo(a)pyrene

Concen: 41.564 ng

RT: 15.380 min Scan# 2260

Delta R.T. -0.006 min

Lab File: BF136913.D

Acq: 03 Jan 2024 18:09

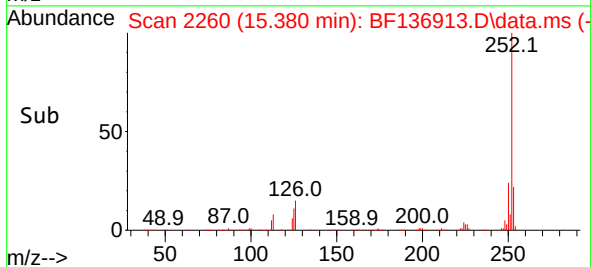
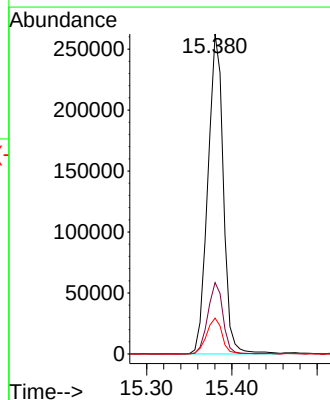
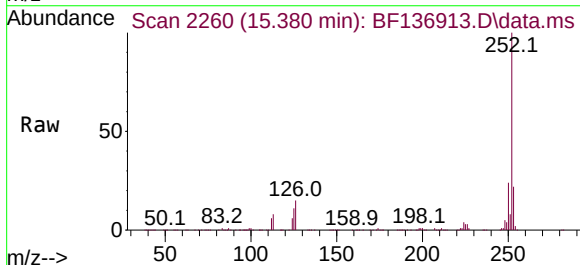
Tgt Ion:252 Resp: 331751

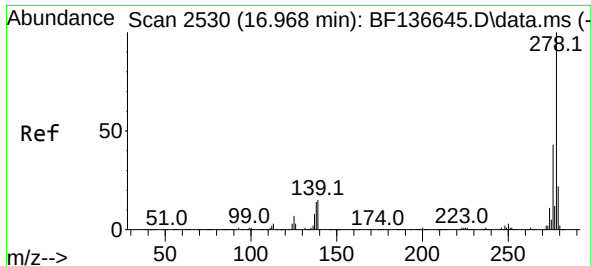
Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

125 11.2 8.8 13.2

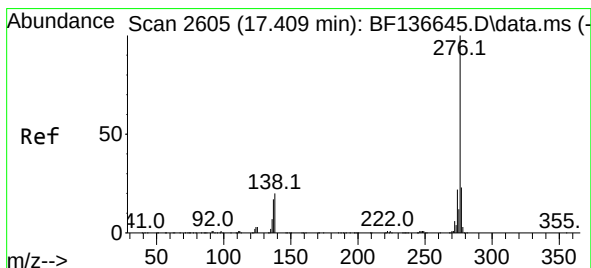
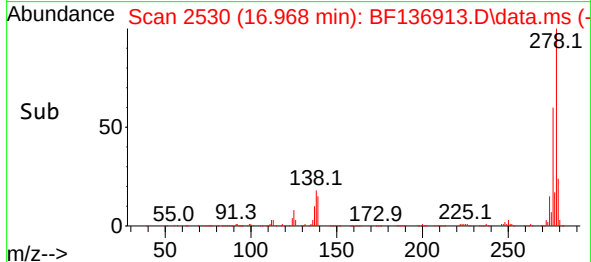
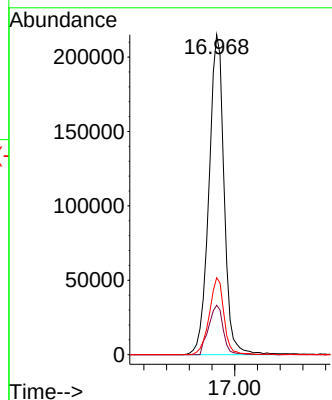
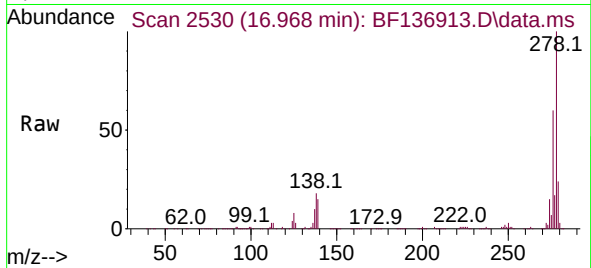




#91
Dibenzo(a,h)anthracene
Concen: 47.407 ng
RT: 16.968 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

Instrument :
BNA_F
ClientSampleId :
PB157954BS

Tgt Ion:278 Resp: 397555
Ion Ratio Lower Upper
278 100
139 15.4 12.2 18.4
279 24.0 17.8 26.6



#92
Benzo(g,h,i)perylene
Concen: 47.225 ng
RT: 17.409 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF136913.D
Acq: 03 Jan 2024 18:09

Tgt Ion:276 Resp: 405615
Ion Ratio Lower Upper
276 100
277 22.7 18.3 27.5
138 20.4 15.6 23.4

