

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011024\
 Data File : BF137024.D
 Acq On : 10 Jan 2024 17:24
 Operator : CG\JU
 Sample : P1085-07MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4MSD

Quant Time: Jan 10 18:02:42 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	6.787	152	54480	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	199687	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	90277	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	144213	20.000	ng	0.00
76) Chrysene-d12	13.975	240	124985	20.000	ng	0.00
86) Perylene-d12	15.463	264	149697	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	231836	66.397	ng	0.00
7) Phenol-d6	6.440	99	350174	77.397	ng	0.00
23) Nitrobenzene-d5	7.351	82	224889	57.629	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	50366	47.372	ng	0.00
45) 2-Fluorobiphenyl	9.140	172	427311	63.663	ng	-0.01
79) Terphenyl-d14	12.904	244	375991	42.040	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.599	88	53665	36.887	ng	95
3) Pyridine	3.363	79	120869	34.051	ng	98
4) n-Nitrosodimethylamine	3.334	42	64162	33.848	ng	96
6) Aniline	6.451	93	105178	23.252	ng	# 8
8) 2-Chlorophenol	6.575	128	134384	35.169	ng	99
9) Benzaldehyde	6.340	77	21280	8.269	ng	96
10) Phenol	6.451	94	157319	32.573	ng	95
11) bis(2-Chloroethyl)ether	6.522	93	128471	34.977	ng	98
12) 1,3-Dichlorobenzene	6.728	146	148062	35.520	ng	96
13) 1,4-Dichlorobenzene	6.804	146	148721	34.918	ng	97
14) 1,2-Dichlorobenzene	6.951	146	140018	35.330	ng	98
15) Benzyl Alcohol	6.934	79	104956	34.386	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	202384	33.702	ng	60
17) 2-Methylphenol	7.051	107	104084	32.881	ng	95
18) Hexachloroethane	7.287	117	53007	34.269	ng	97
19) n-Nitroso-di-n-propyla...	7.198	70	92901	33.873	ng	94
20) 3+4-Methylphenols	7.204	107	131456	33.241	ng	# 58
22) Acetophenone	7.193	105	188215	37.604	ng	# 88
24) Nitrobenzene	7.369	77	131776	33.710	ng	94
25) Isophorone	7.604	82	240826	33.916	ng	98
26) 2-Nitrophenol	7.681	139	69309	37.058	ng	97
27) 2,4-Dimethylphenol	7.722	122	94468	41.488	ng	97
28) bis(2-Chloroethoxy)met...	7.810	93	151991	35.214	ng	99
29) 2,4-Dichlorophenol	7.928	162	101761	34.714	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	115081	35.234	ng	99
31) Naphthalene	8.081	128	383794	34.985	ng	99
32) Benzoic acid	7.857	122	61061	27.716	ng	91
33) 4-Chloroaniline	8.140	127	49753	12.283	ng	97
34) Hexachlorobutadiene	8.193	225	70141	35.346	ng	99
35) Caprolactam	8.510	113	31065	32.123	ng	# 84
36) 4-Chloro-3-methylphenol	8.634	107	103964	31.503	ng	98
37) 2-Methylnaphthalene	8.775	142	235419	33.345	ng	100
38) 1-Methylnaphthalene	8.875	142	223453	32.260	ng	100
40) 1,2,4,5-Tetrachloroben...	8.940	216	116106	41.528	ng	100
41) Hexachlorocyclopentadiene	8.922	237	51728	59.373	ng	97
43) 2,4,6-Trichlorophenol	9.063	196	68475	38.190	ng	98

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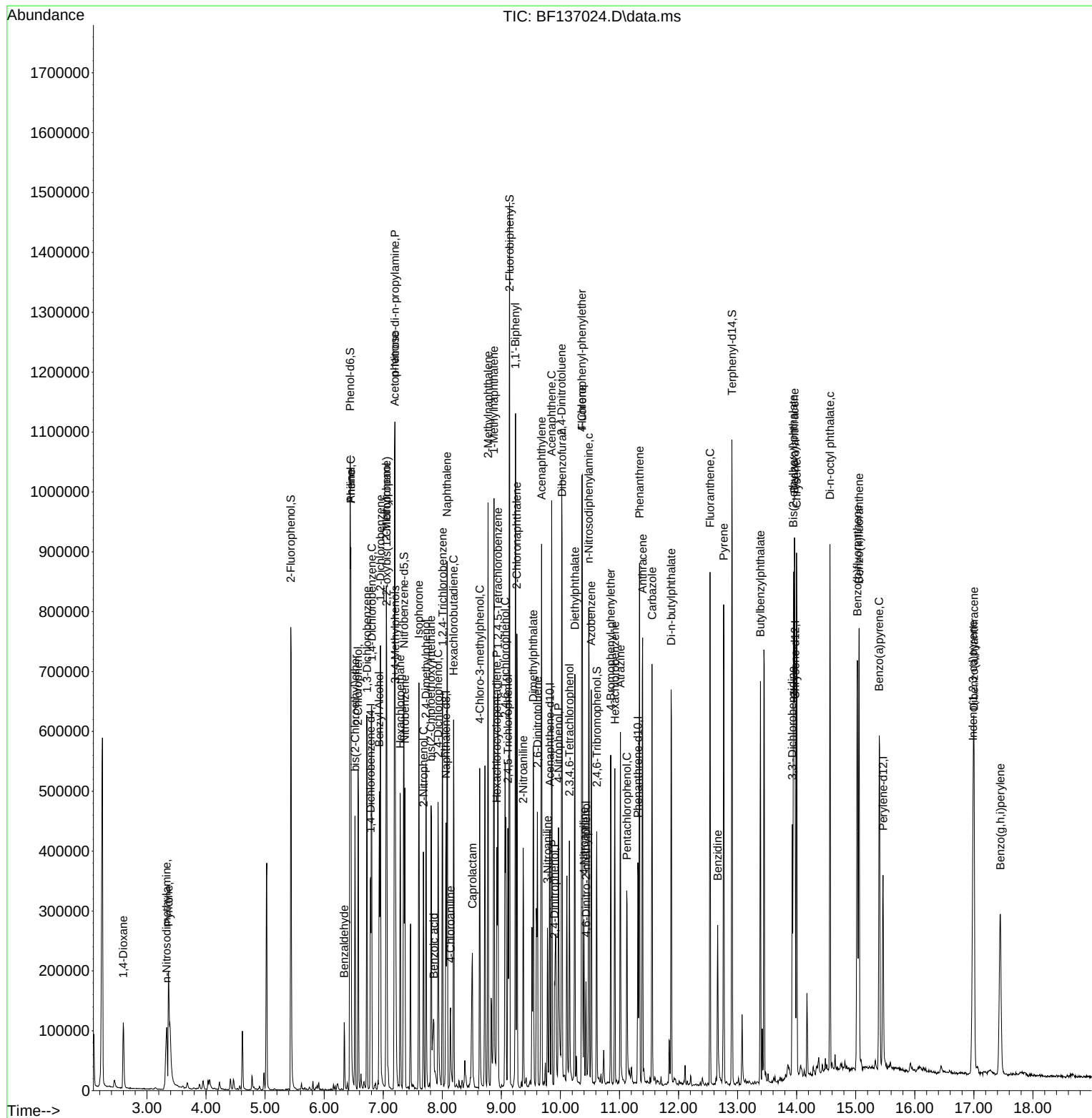
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	68800	34.433	ng	95
46) 1,1'-Biphenyl	9.240	154	304801	40.234	ng	98
47) 2-Chloronaphthalene	9.263	162	213146	37.010	ng	99
48) 2-Nitroaniline	9.369	65	63398	35.154	ng	97
49) Acenaphthylene	9.681	152	346693	39.385	ng	100
50) Dimethylphthalate	9.539	163	243996	37.002	ng	100
51) 2,6-Dinitrotoluene	9.610	165	52264	34.923	ng	92
52) Acenaphthene	9.851	154	197456	36.186	ng	97
53) 3-Nitroaniline	9.781	138	38997	24.599	ng	98
54) 2,4-Dinitrophenol	9.898	184	26359	34.032	ng #	84
55) Dibenzofuran	10.028	168	298874	36.133	ng	97
56) 4-Nitrophenol	9.969	139	51428	48.056	ng	94
57) 2,4-Dinitrotoluene	10.022	165	61713	31.765	ng	93
58) Fluorene	10.369	166	230648	35.143	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	50084	32.563	ng	98
60) Diethylphthalate	10.245	149	237396	34.698	ng	98
61) 4-Chlorophenyl-phenyle...	10.363	204	112434	35.244	ng	94
62) 4-Nitroaniline	10.398	138	42112	27.556	ng	95
63) Azobenzene	10.522	77	210404	32.926	ng	98
65) 4,6-Dinitro-2-methylph...	10.434	198	21810	26.389	ng	91
66) n-Nitrosodiphenylamine	10.481	169	196150	41.870	ng	98
67) 4-Bromophenyl-phenylether	10.851	248	63644	39.738	ng	99
68) Hexachlorobenzene	10.922	284	67396	37.761	ng	98
69) Atrazine	11.016	200	58747	49.029	ng	98
70) Pentachlorophenol	11.128	266	41272	49.610	ng	98
71) Phenanthrene	11.339	178	298338	40.318	ng	99
72) Anthracene	11.392	178	293100	39.112	ng	99
73) Carbazole	11.551	167	264026	37.369	ng	100
74) Di-n-butylphthalate	11.875	149	336677	39.051	ng	100
75) Fluoranthene	12.533	202	319141	40.321	ng	98
77) Benzidine	12.663	184	118908	32.266	ng	98
78) Pyrene	12.763	202	337277	27.489	ng	100
80) Butylbenzylphthalate	13.386	149	140558	31.484	ng	98
81) Benzo(a)anthracene	13.963	228	331082	38.148	ng	98
82) 3,3'-Dichlorobenzidine	13.927	252	93783	38.050	ng	97
83) Chrysene	13.998	228	309224	36.435	ng	97
84) Bis(2-ethylhexyl)phtha...	13.945	149	213800	38.062	ng	98
85) Di-n-octyl phthalate	14.563	149	393466	45.284	ng	97
87) Indeno(1,2,3-cd)pyrene	16.986	276	335057	31.000	ng	100
88) Benzo(b)fluoranthene	15.027	252	344800	34.486	ng	99
89) Benzo(k)fluoranthene	15.057	252	318783	33.742	ng	99
90) Benzo(a)pyrene	15.398	252	301440	35.717	ng	99
91) Dibenzo(a,h)anthracene	17.004	278	282967	31.912	ng	97
92) Benzo(g,h,i)perylene	17.451	276	245389	27.020	ng	99

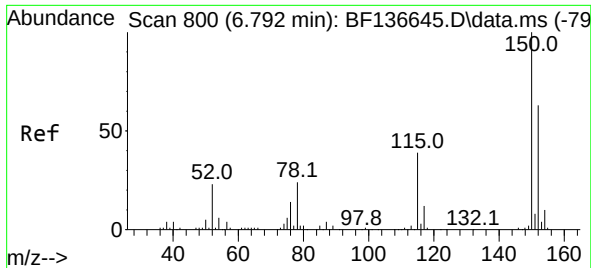
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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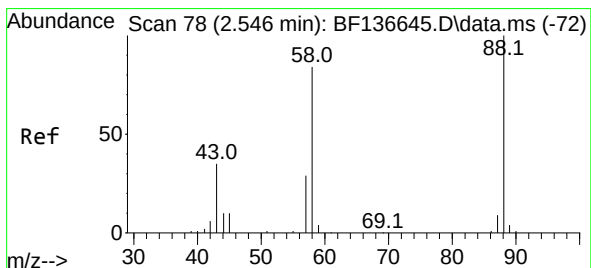
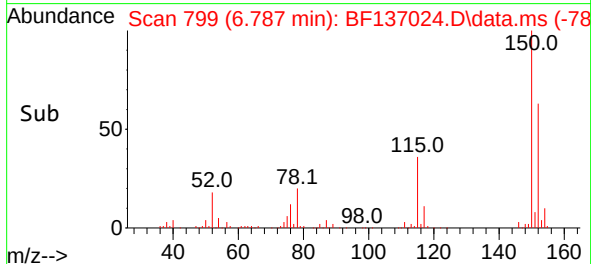
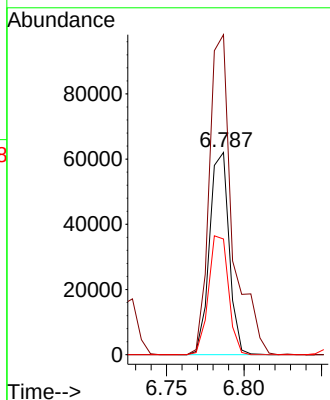
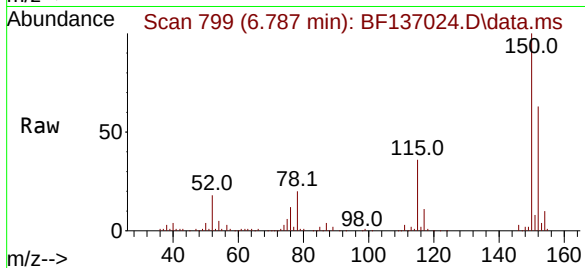




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF137024.D
 Acq: 10 Jan 2024 17:24

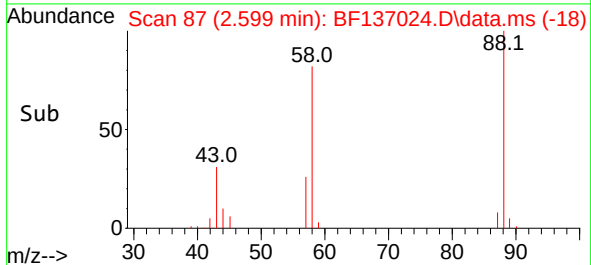
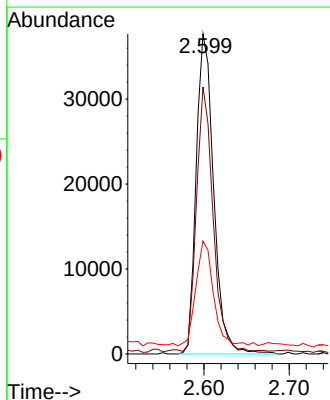
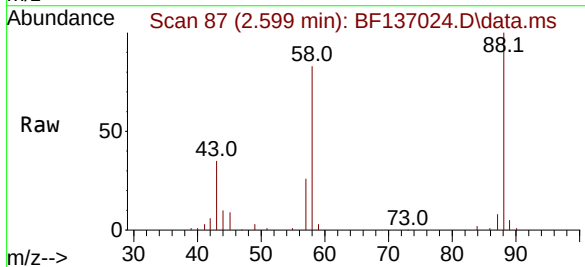
Instrument :
 BNA_F
 ClientSampleId :
 TP-4MSD

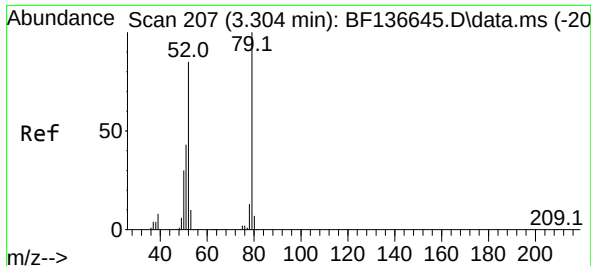
Tgt Ion:152 Resp: 54480
 Ion Ratio Lower Upper
 152 100
 150 158.2 127.0 190.6
 115 57.2 49.0 73.4



#2
 1,4-Dioxane
 Concen: 36.887 ng
 RT: 2.599 min Scan# 87
 Delta R.T. 0.053 min
 Lab File: BF137024.D
 Acq: 10 Jan 2024 17:24

Tgt Ion: 88 Resp: 53665
 Ion Ratio Lower Upper
 88 100
 58 78.9 67.4 101.0
 43 33.1 27.7 41.5





#3

Pyridine

Concen: 34.051 ng

RT: 3.363 min Scan# 21

Delta R.T. 0.059 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

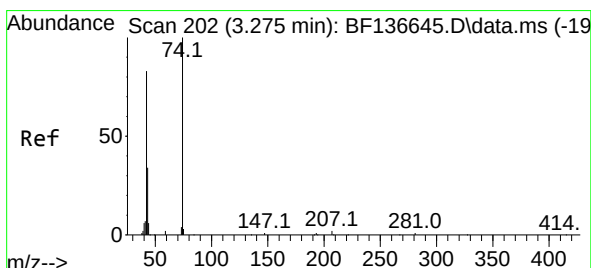
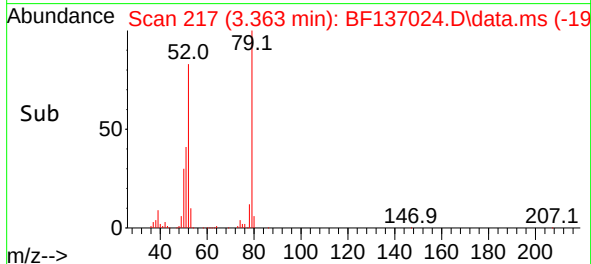
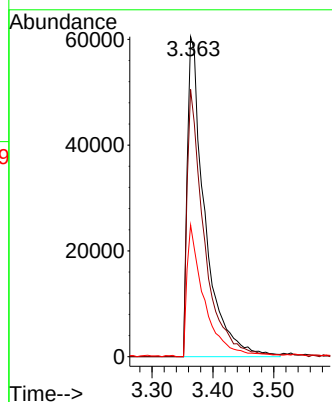
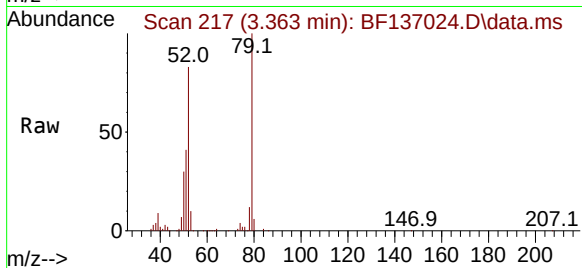
Tgt Ion: 79 Resp: 120869

Ion Ratio Lower Upper

79 100

52 83.5 67.7 101.5

51 41.2 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 33.848 ng

RT: 3.334 min Scan# 212

Delta R.T. 0.059 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

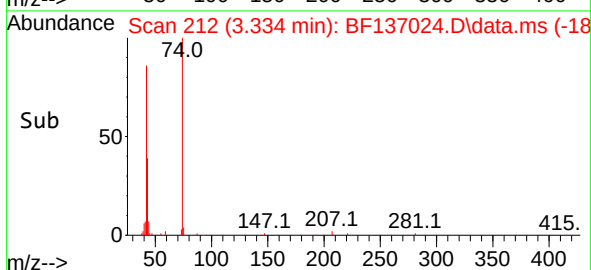
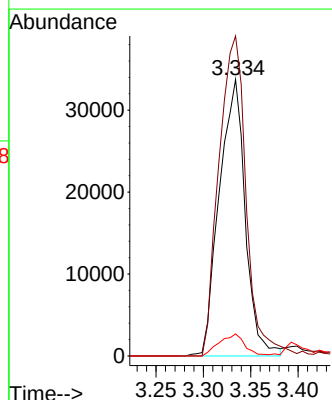
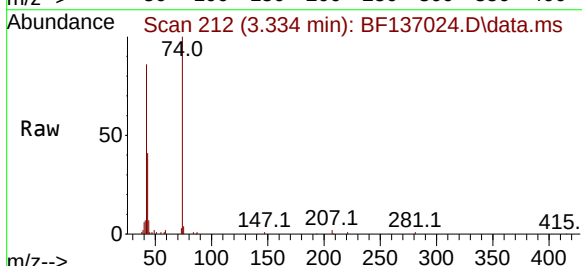
Tgt Ion: 42 Resp: 64162

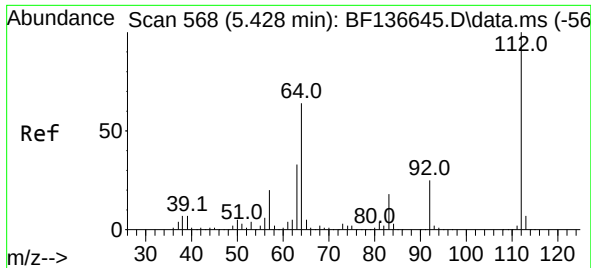
Ion Ratio Lower Upper

42 100

74 115.8 96.0 144.0

44 8.0 5.4 8.2

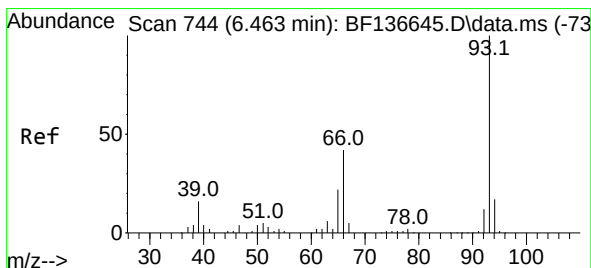
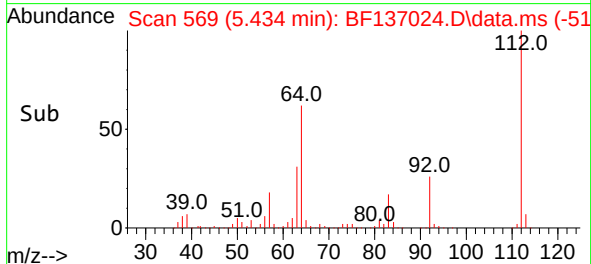
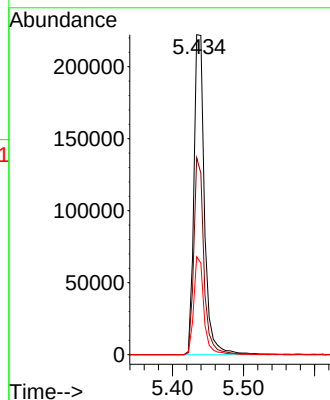
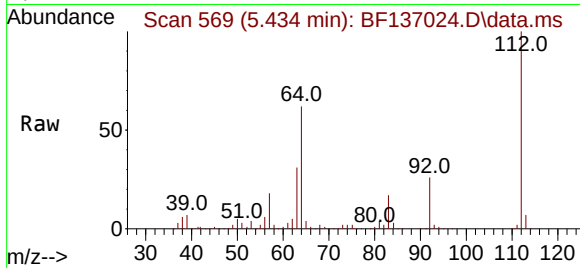




#5
2-Fluorophenol
Concen: 66.397 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

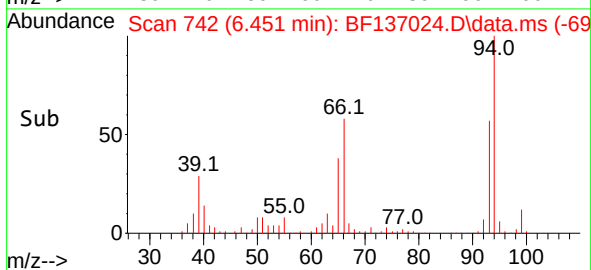
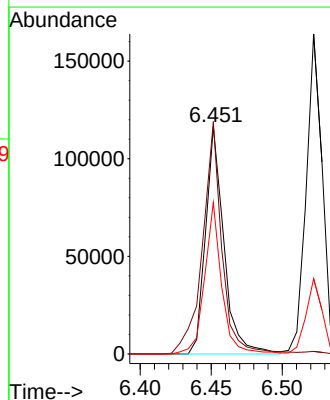
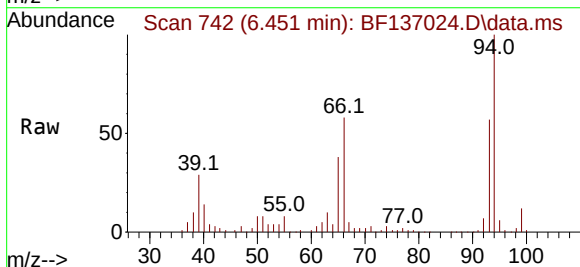
Instrument :
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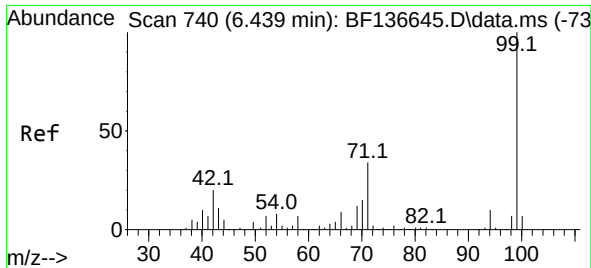
Tgt Ion:112 Resp: 231836
Ion Ratio Lower Upper
112 100
64 61.6 51.1 76.7
63 30.6 26.1 39.1



#6
Aniline
Concen: 23.252 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.011 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Tgt Ion: 93 Resp: 105178
Ion Ratio Lower Upper
93 100
66 102.2 34.6 51.8#
65 66.6 17.8 26.8#





#7

Phenol-d6

Concen: 77.397 ng

RT: 6.440 min Scan# 740

Delta R.T. 0.000 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

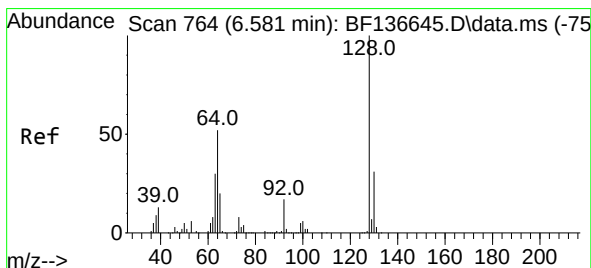
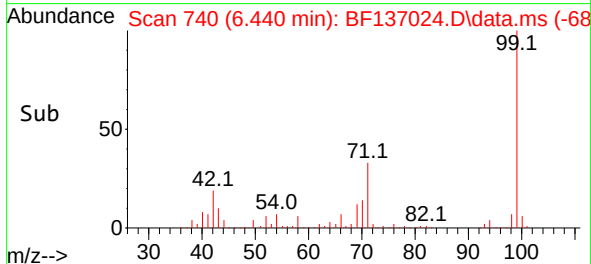
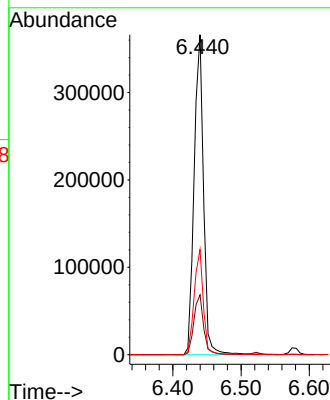
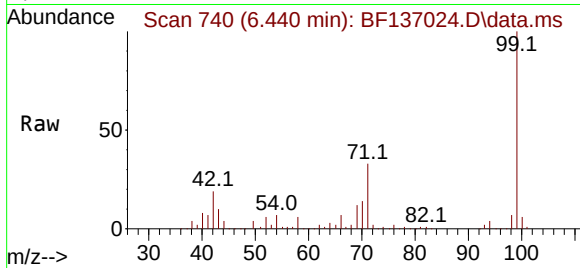
Tgt Ion: 99 Resp: 350174

Ion Ratio Lower Upper

99 100

42 18.7 16.1 24.1

71 32.9 27.4 41.2



#8

2-Chlorophenol

Concen: 35.169 ng

RT: 6.575 min Scan# 763

Delta R.T. -0.006 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

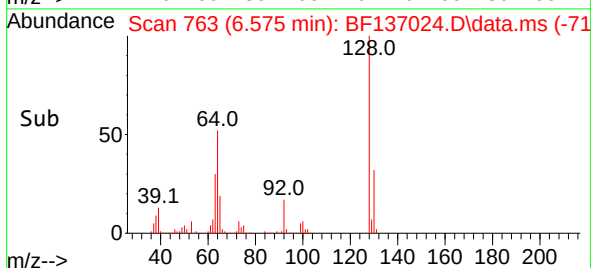
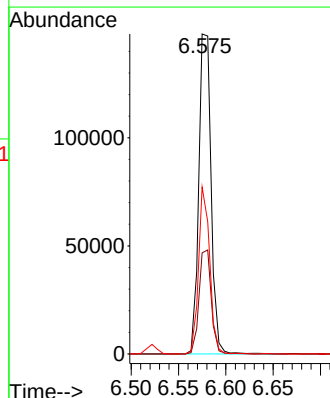
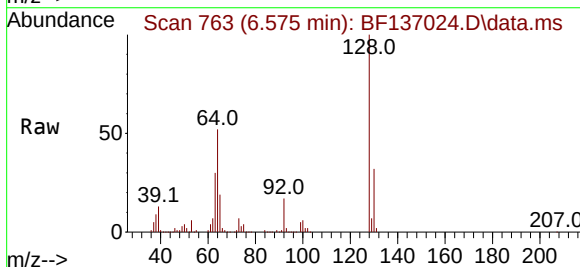
Tgt Ion: 128 Resp: 134384

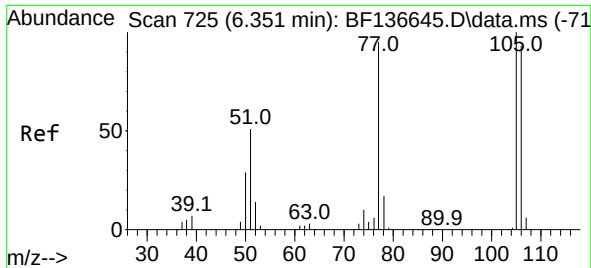
Ion Ratio Lower Upper

128 100

130 31.6 11.3 51.3

64 52.1 32.5 72.5





#9

Benzaldehyde

Concen: 8.269 ng

RT: 6.340 min Scan# 723

Delta R.T. -0.011 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

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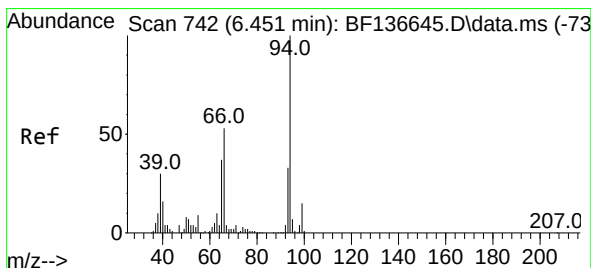
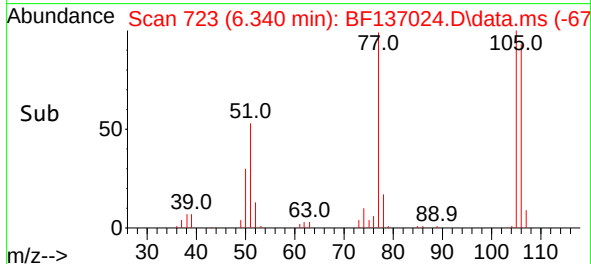
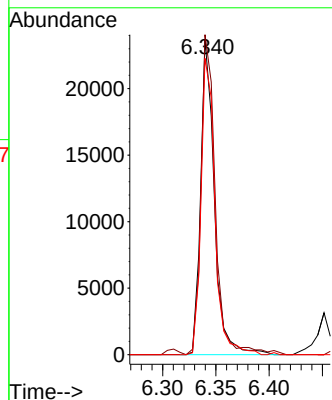
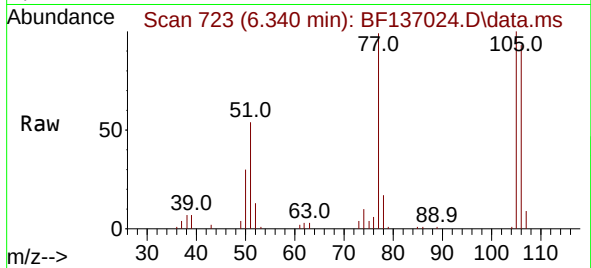
Tgt Ion: 77 Resp: 21280

Ion Ratio Lower Upper

77 100

105 101.5 84.8 124.8

106 94.0 77.8 117.8



#10

Phenol

Concen: 32.573 ng

RT: 6.451 min Scan# 742

Delta R.T. 0.000 min

Lab File: BF137024.D

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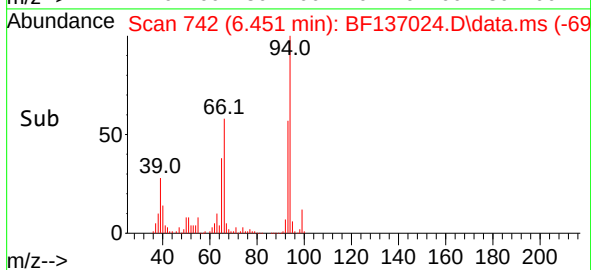
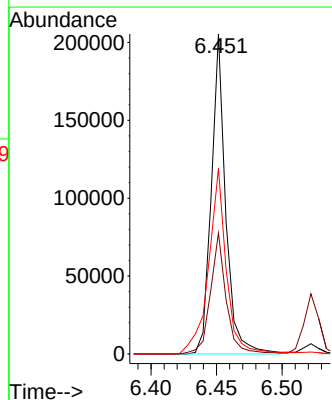
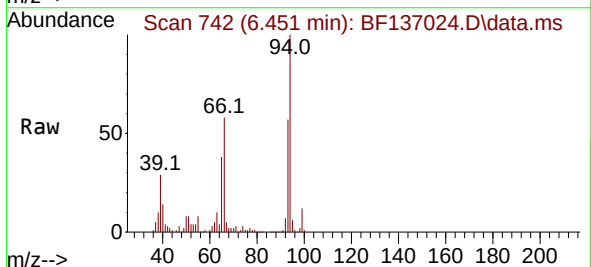
Tgt Ion: 94 Resp: 157319

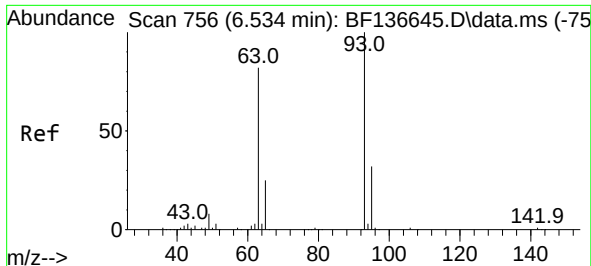
Ion Ratio Lower Upper

94 100

65 37.8 16.6 56.6

66 58.0 32.6 72.6

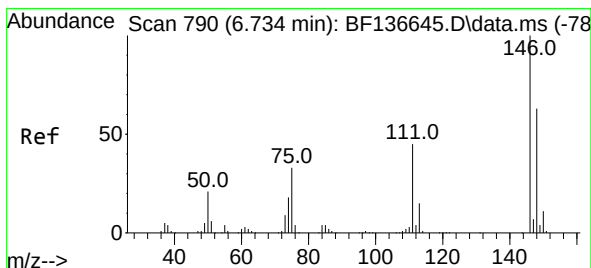
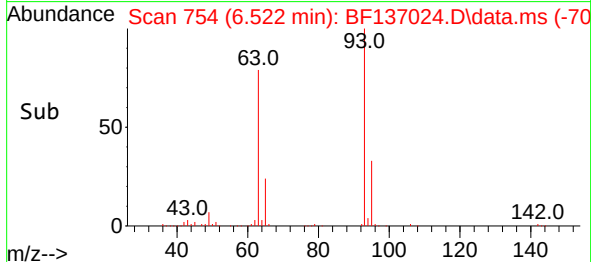
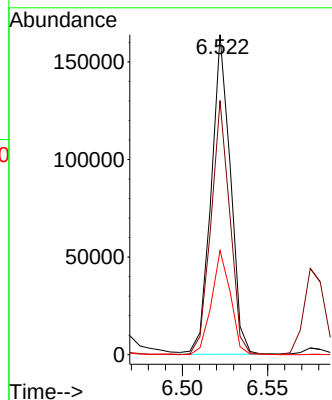
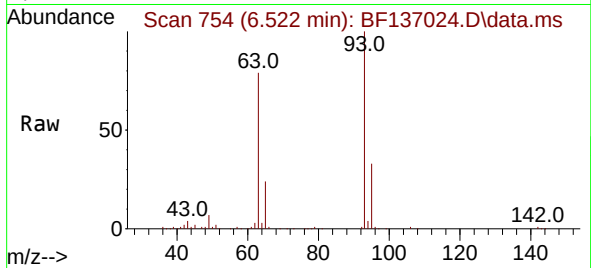




#11
bis(2-Chloroethyl)ether
Concen: 34.977 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.011 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

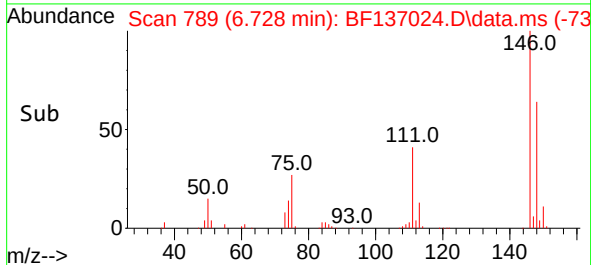
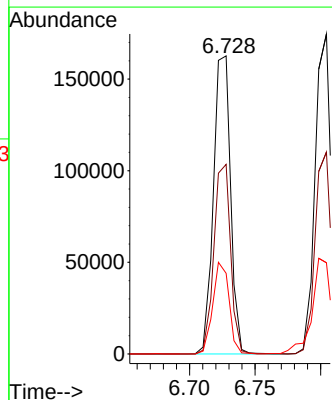
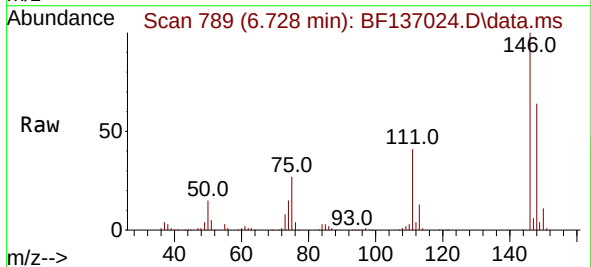
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

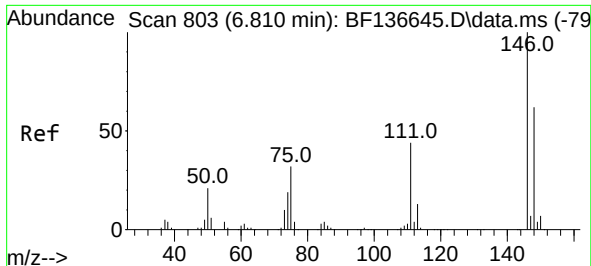
Tgt Ion: 93 Resp: 128471
Ion Ratio Lower Upper
93 100
63 79.4 61.2 101.2
95 32.5 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 35.520 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Tgt Ion:146 Resp: 148062
Ion Ratio Lower Upper
146 100
148 63.6 50.5 75.7
75 27.1 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 34.918 ng

RT: 6.804 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

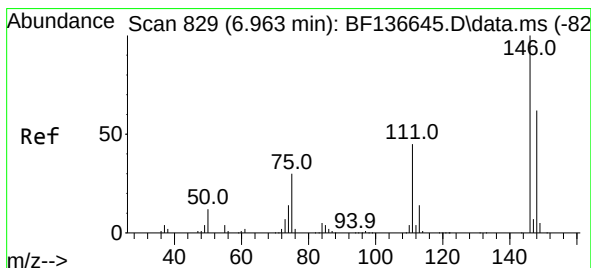
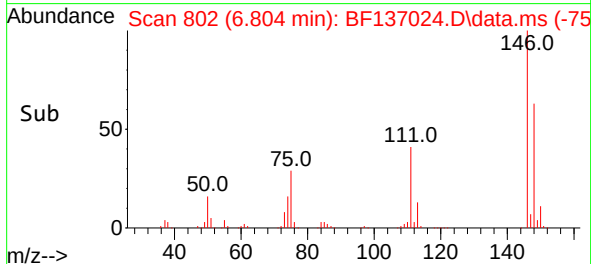
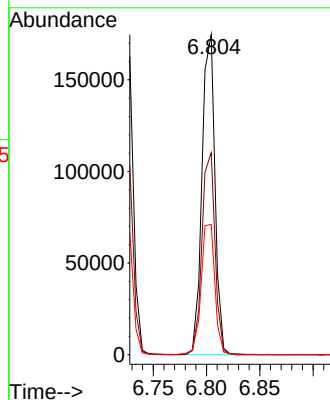
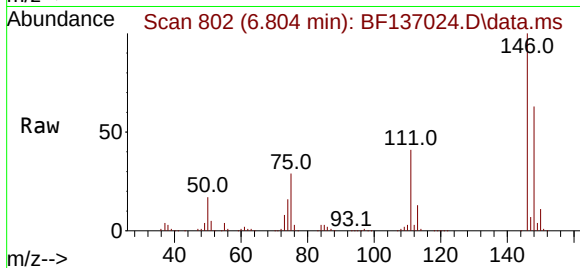
Tgt Ion:146 Resp: 148721

Ion Ratio Lower Upper

146 100

148 63.1 49.2 73.8

111 40.7 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 35.330 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.011 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

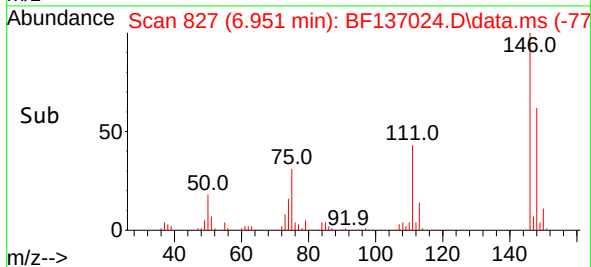
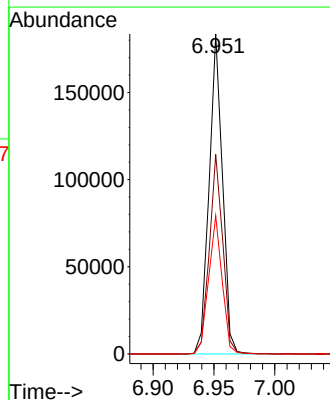
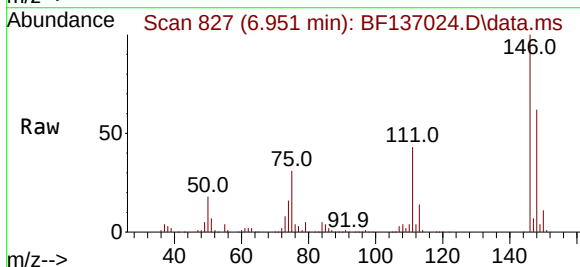
Tgt Ion:146 Resp: 140018

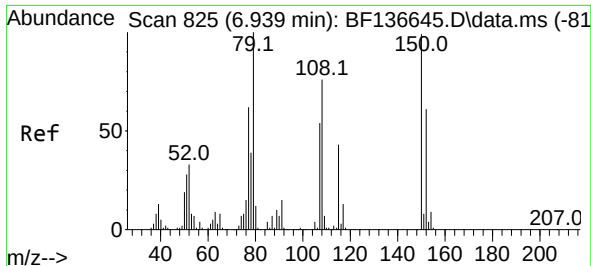
Ion Ratio Lower Upper

146 100

148 62.3 49.6 74.4

111 43.2 36.2 54.2

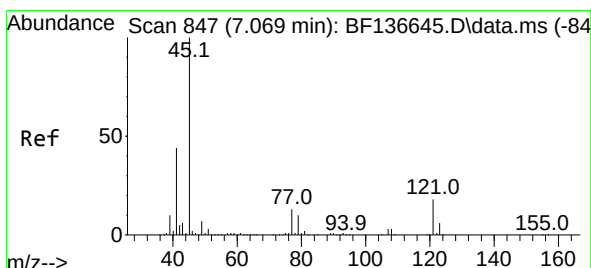
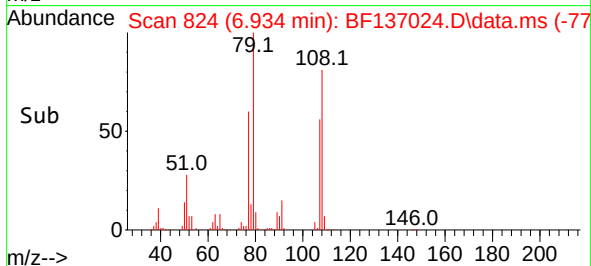
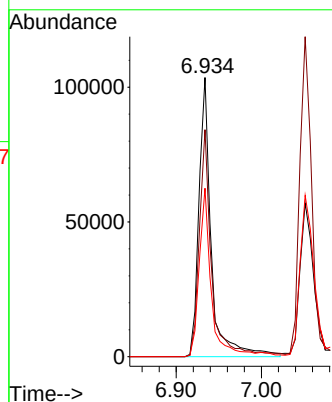
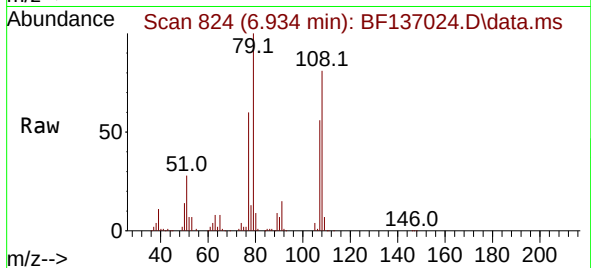




#15
Benzyl Alcohol
Concen: 34.386 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

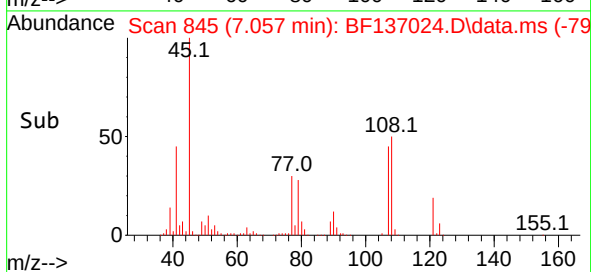
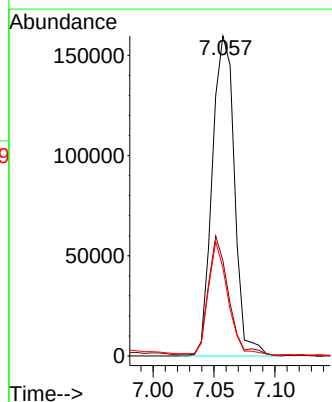
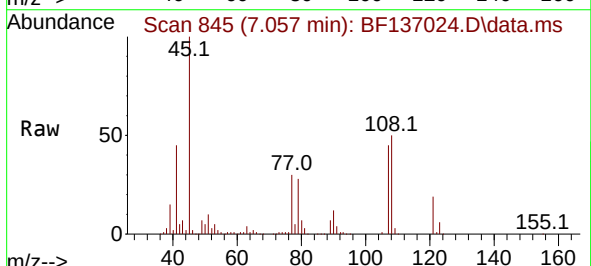
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

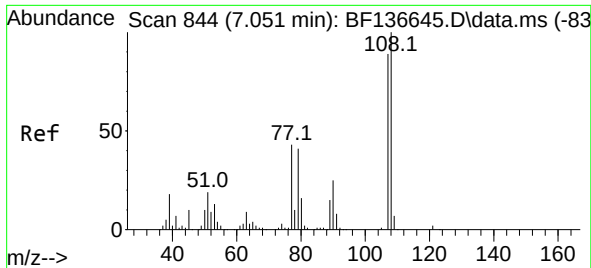
Tgt Ion: 79 Resp: 104956
Ion Ratio Lower Upper
79 100
108 81.3 61.0 91.6
77 60.4 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.702 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.011 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Tgt Ion: 45 Resp: 202384
Ion Ratio Lower Upper
45 100
77 29.8 0.0 34.3
79 27.5 0.0 31.4

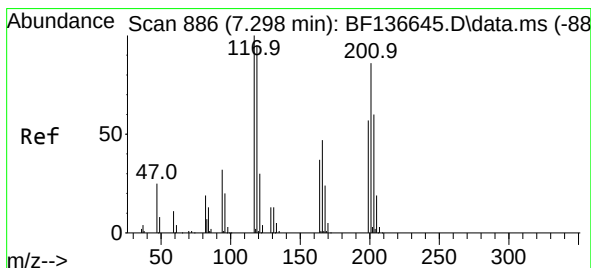
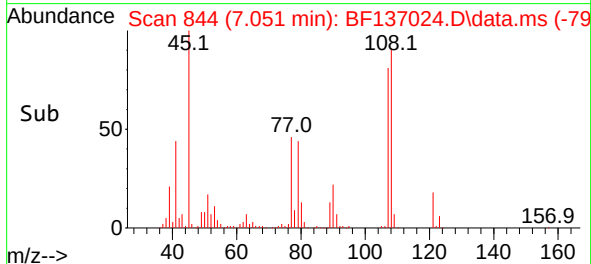
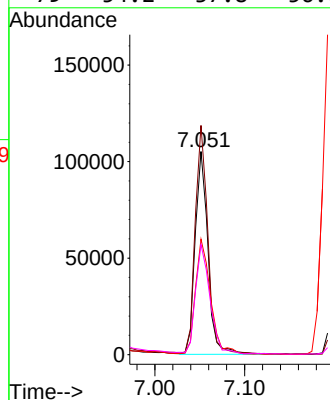
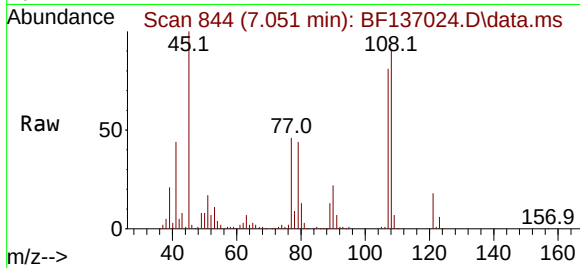




#17
2-Methylphenol
Concen: 32.881 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

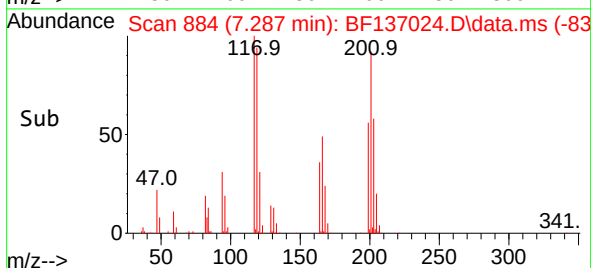
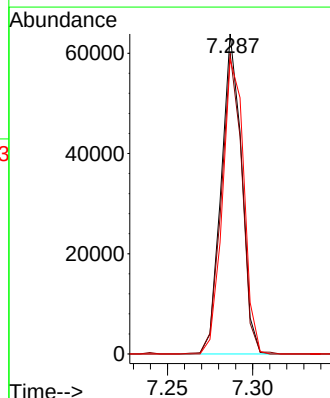
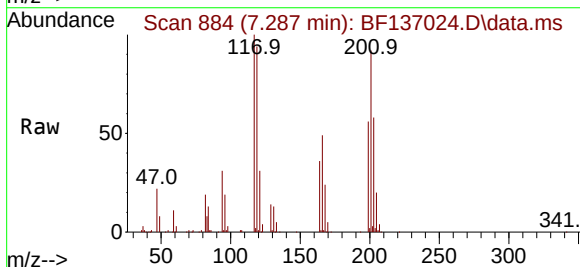
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

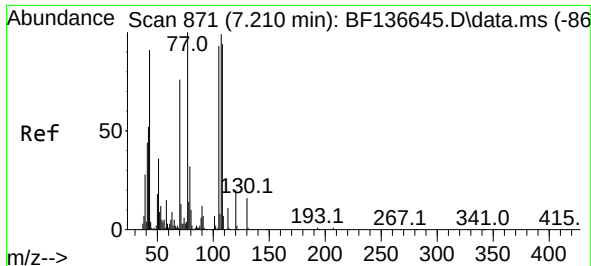
Tgt Ion:107 Resp: 104084
Ion Ratio Lower Upper
107 100
108 112.9 90.3 135.5
77 56.9 38.7 58.1
79 54.2 37.8 56.6



#18
Hexachloroethane
Concen: 34.269 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.011 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Tgt Ion:117 Resp: 53007
Ion Ratio Lower Upper
117 100
119 93.9 75.8 113.6
201 92.1 69.1 103.7

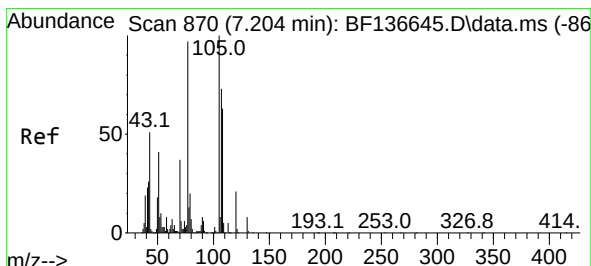
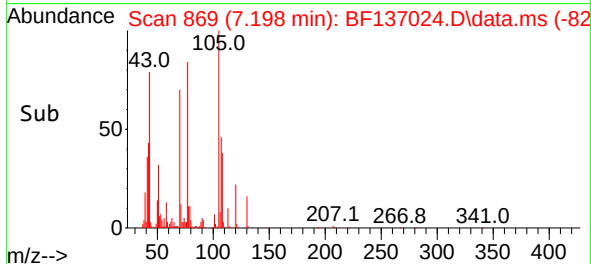
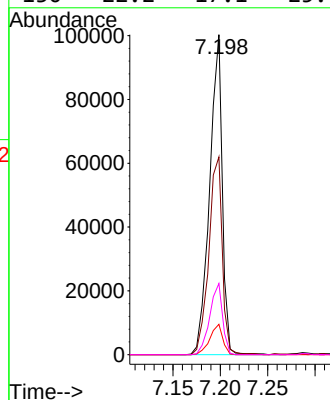
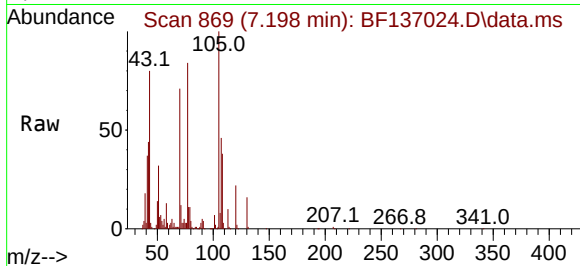




#19
n-Nitroso-di-n-propylamine
Concen: 33.873 ng
RT: 7.198 min Scan# 80
Delta R.T. -0.011 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

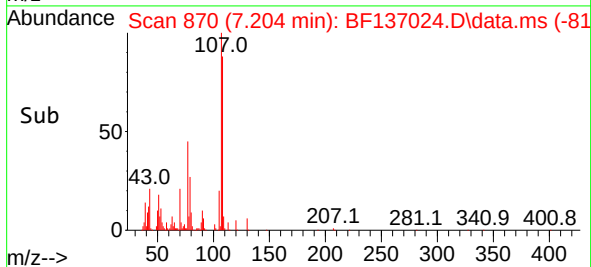
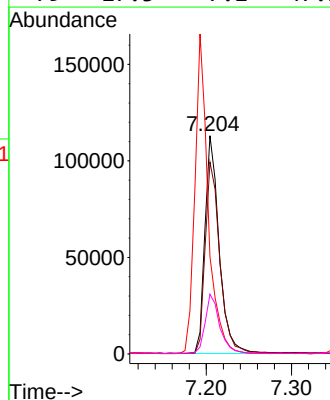
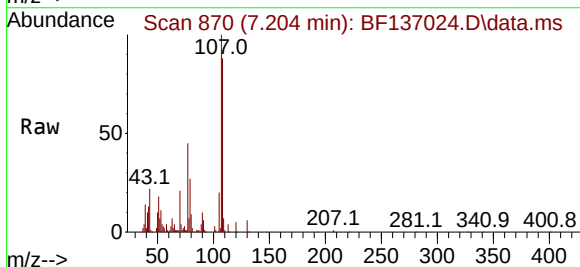
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

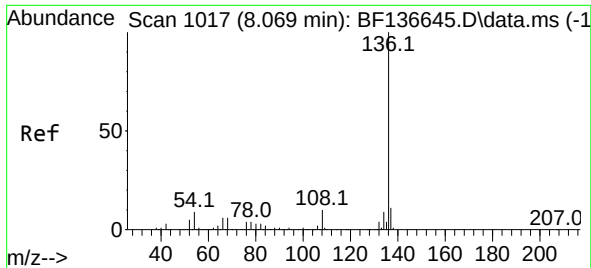
Tgt Ion:	70	Resp:	92901
Ion	Ratio	Lower	Upper
70	100		
42	61.8	54.2	81.4
101	9.5	7.6	11.4
130	22.2	17.1	25.7



#20
3+4-Methylphenols
Concen: 33.241 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Tgt Ion:	107	Resp:	131456
Ion	Ratio	Lower	Upper
107	100		
108	87.9	66.0	106.0
77	44.5	114.2	154.2#
79	27.3	7.2	47.2



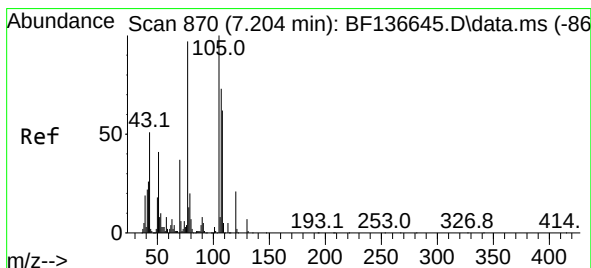
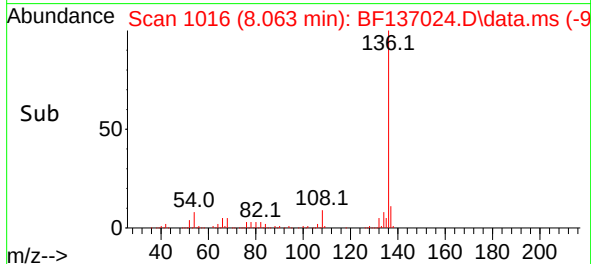
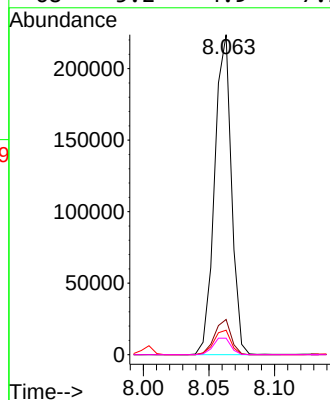
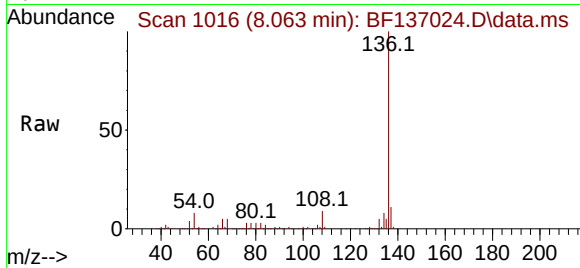


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Instrument :
BNA_F
ClientSampleId :
TP-4MSD

Tgt Ion:136 Resp: 199687

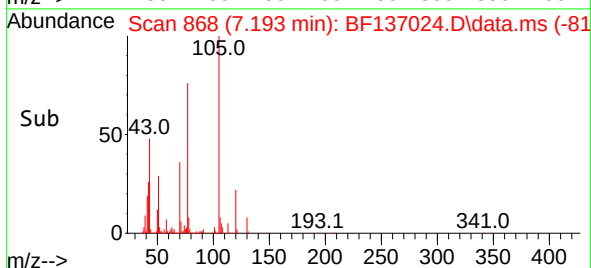
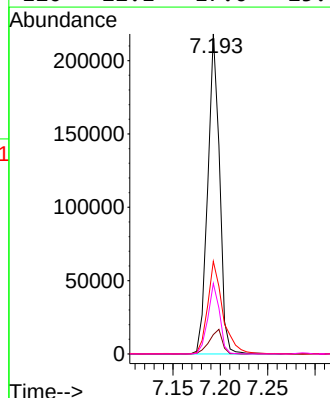
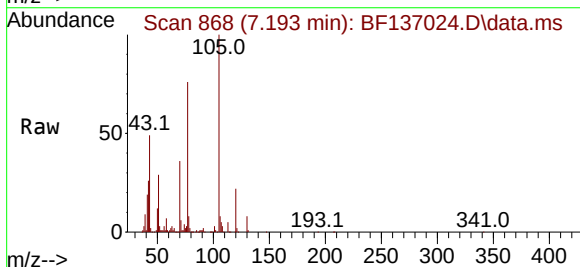
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	7.6	7.2	10.8
68	5.2	4.9	7.3

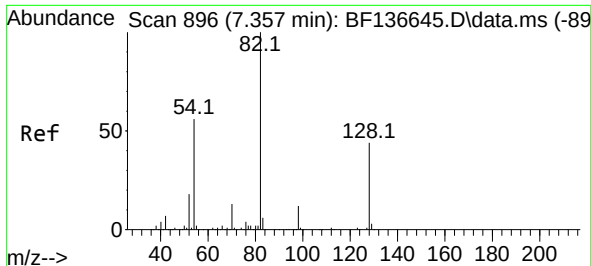


#22
Acetophenone
Concen: 37.604 ng
RT: 7.193 min Scan# 868
Delta R.T. -0.011 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Tgt Ion:105 Resp: 188215

Ion	Ratio	Lower	Upper
105	100		
71	6.0	4.8	7.2
51	29.0	32.8	49.2
120	22.1	17.0	25.6





#23

Nitrobenzene-d5

Concen: 57.629 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

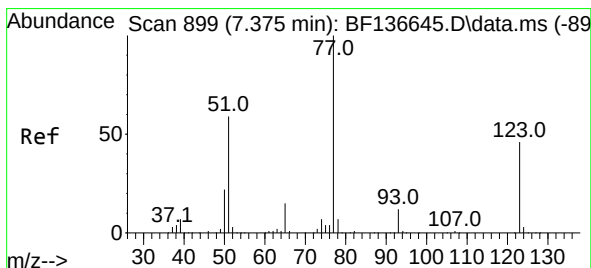
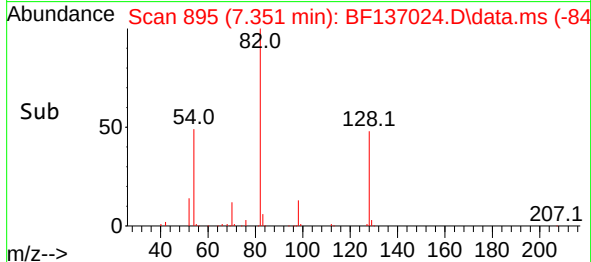
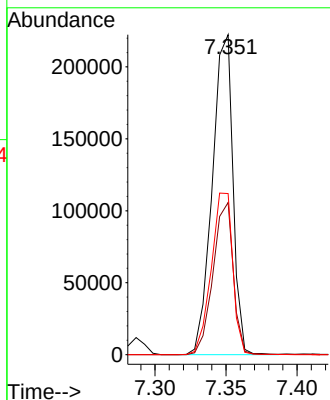
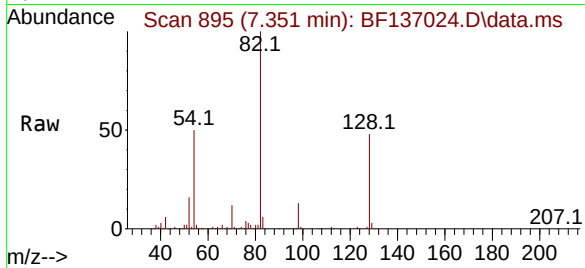
Tgt Ion: 82 Resp: 224889

Ion Ratio Lower Upper

82 100

128 47.6 35.3 52.9

54 50.4 44.5 66.7



#24

Nitrobenzene

Concen: 33.710 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

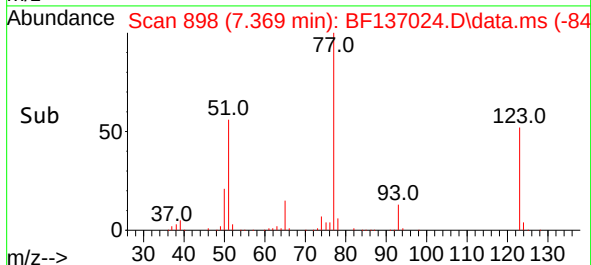
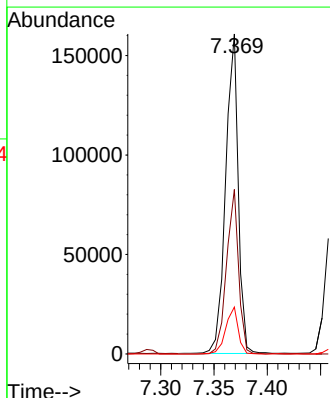
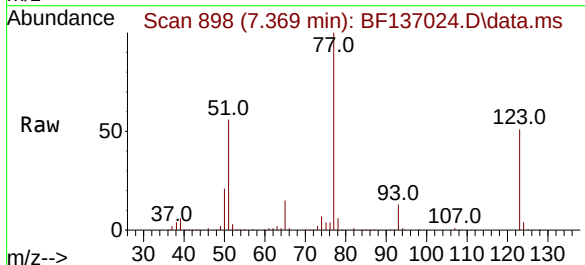
Tgt Ion: 77 Resp: 131776

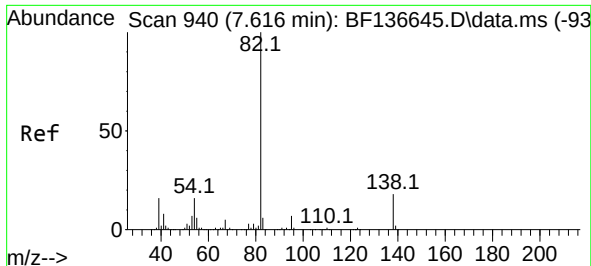
Ion Ratio Lower Upper

77 100

123 51.4 36.7 55.1

65 14.6 11.8 17.6

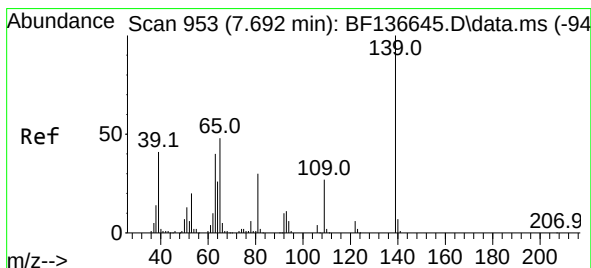
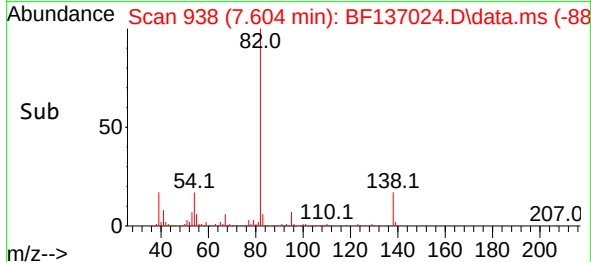
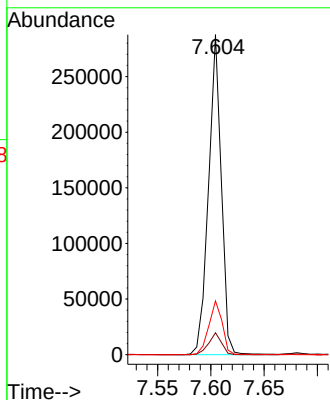
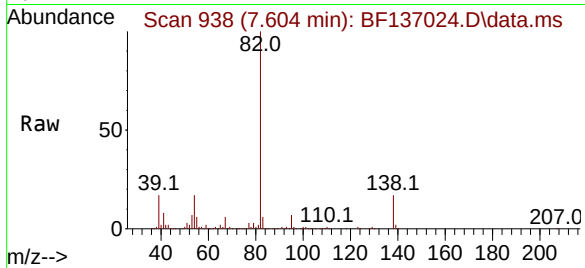




#25
Isophorone
Concen: 33.916 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.011 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

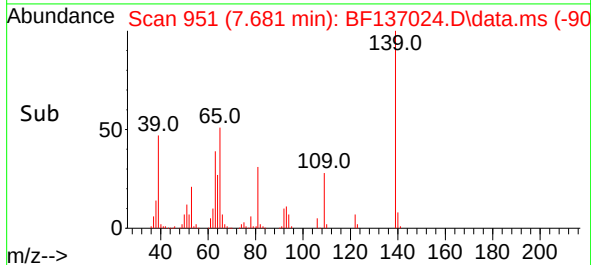
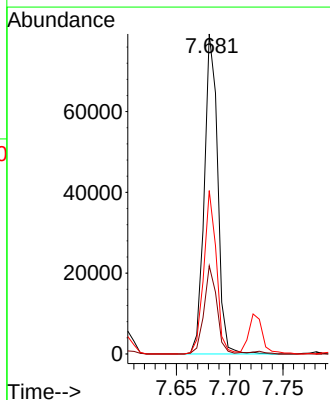
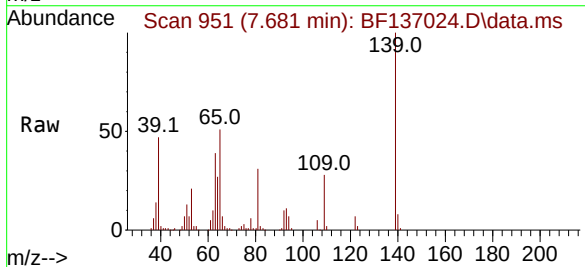
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

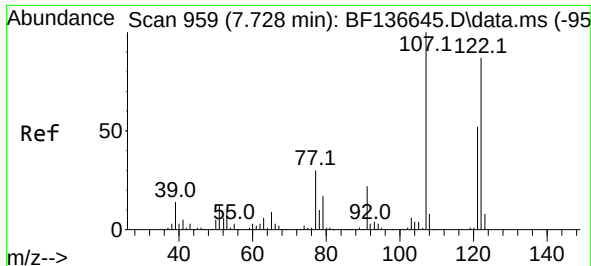
Tgt Ion: 82 Resp: 240826
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 16.8 14.5 21.7



#26
2-Nitrophenol
Concen: 37.058 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.011 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Tgt Ion:139 Resp: 69309
Ion Ratio Lower Upper
139 100
109 27.6 21.9 32.9
65 51.0 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 41.488 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

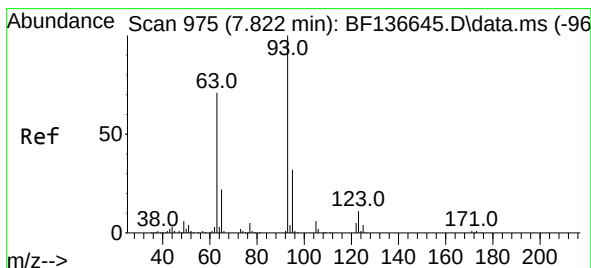
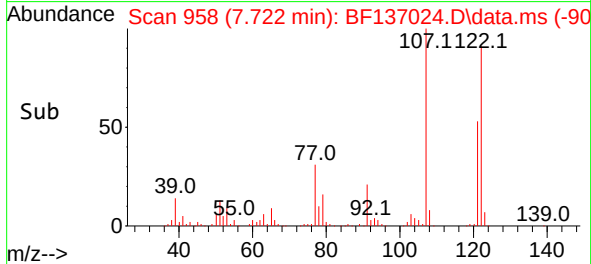
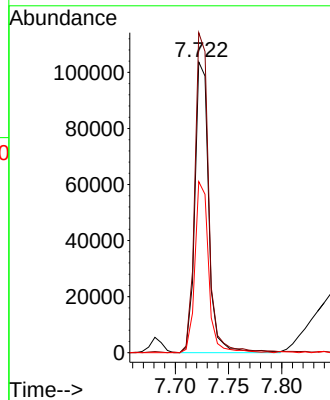
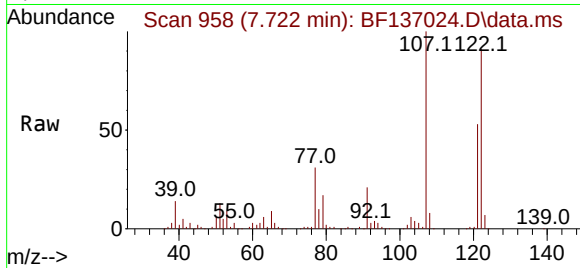
Tgt Ion:122 Resp: 94468

Ion Ratio Lower Upper

122 100

107 110.0 92.0 138.0

121 58.8 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 35.214 ng

RT: 7.810 min Scan# 973

Delta R.T. -0.011 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

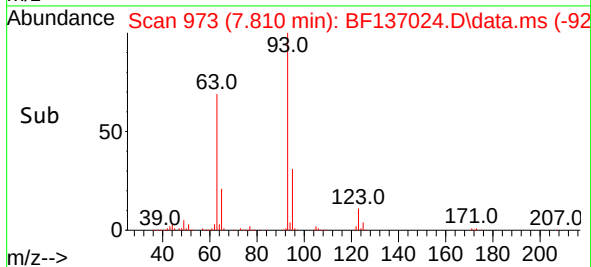
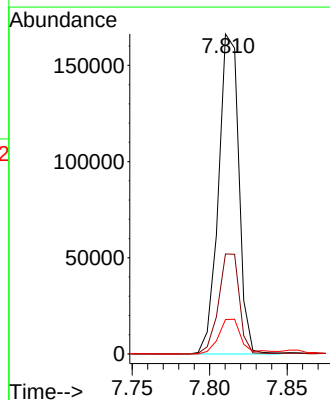
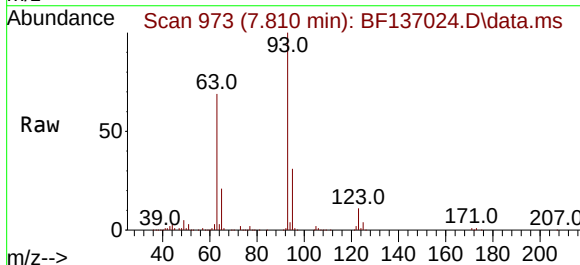
Tgt Ion: 93 Resp: 151991

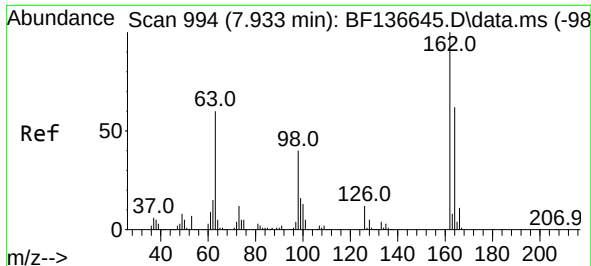
Ion Ratio Lower Upper

93 100

95 31.2 25.5 38.3

123 10.8 9.2 13.8

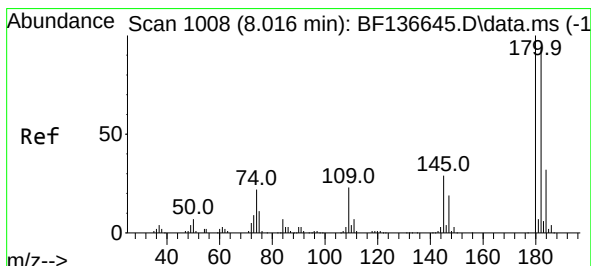
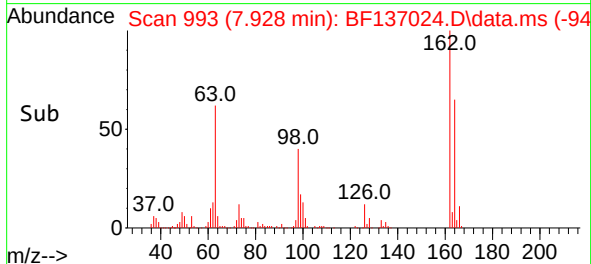
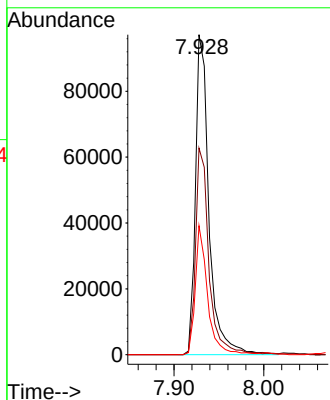
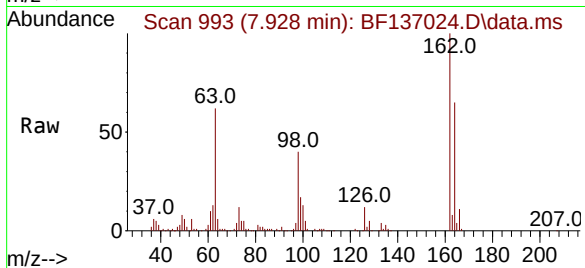




#29
2,4-Dichlorophenol
Concen: 34.714 ng
RT: 7.928 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

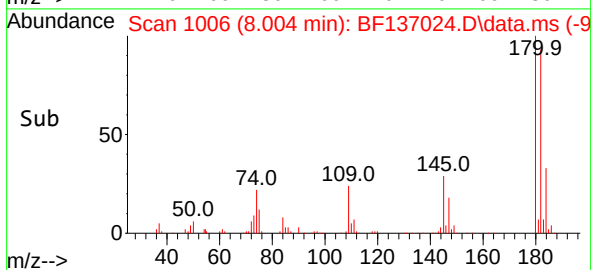
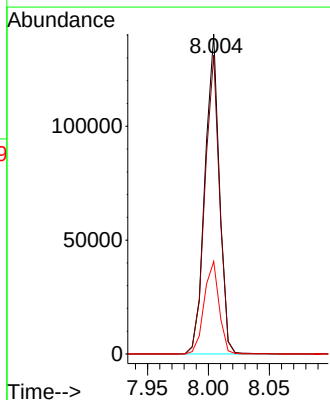
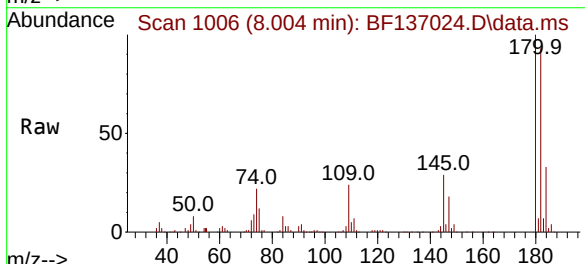
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

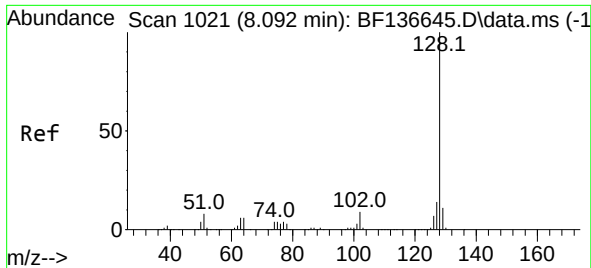
Tgt Ion:162 Resp: 101761
Ion Ratio Lower Upper
162 100
164 64.6 41.7 81.7
98 40.3 19.5 59.5



#30
1,2,4-Trichlorobenzene
Concen: 35.234 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.011 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Tgt Ion:180 Resp: 115081
Ion Ratio Lower Upper
180 100
182 93.4 75.4 113.0
145 28.9 23.1 34.7

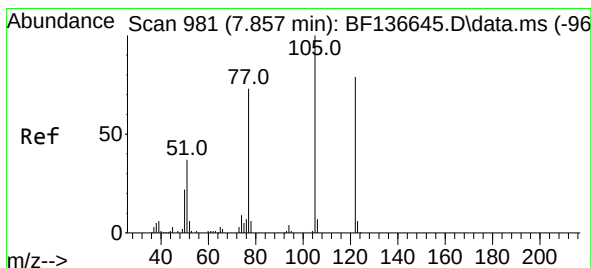
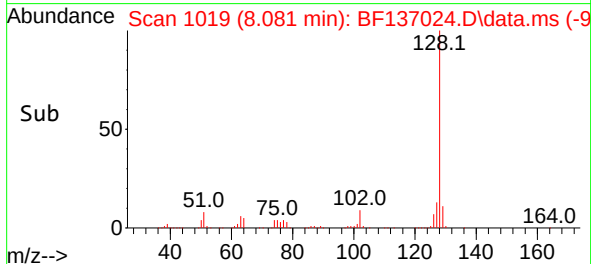
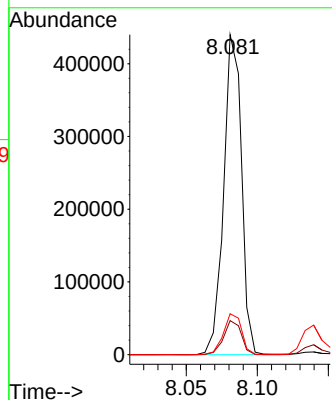
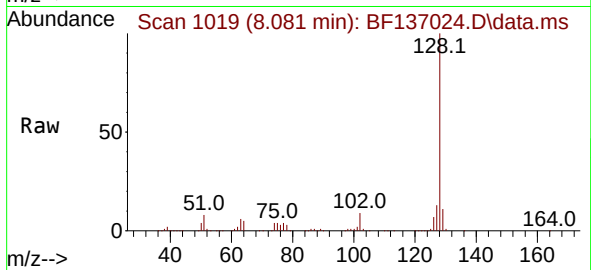




#31
Naphthalene
Concen: 34.985 ng
RT: 8.081 min Scan# 1021
Delta R.T. -0.011 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

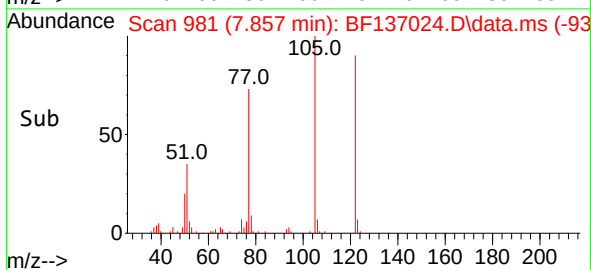
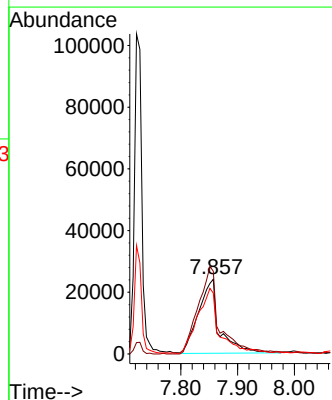
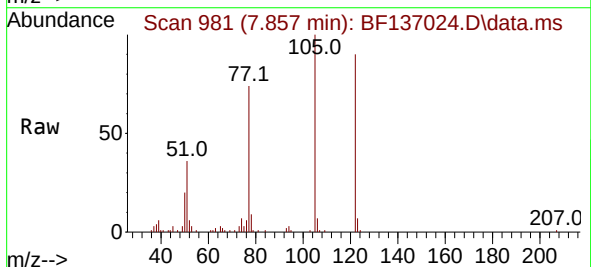
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

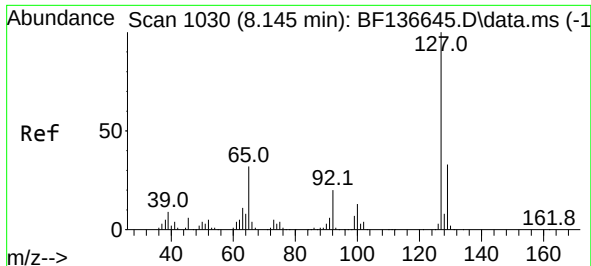
Tgt Ion:128 Resp: 383794
Ion Ratio Lower Upper
128 100
129 10.6 8.7 13.1
127 12.8 10.8 16.2



#32
Benzoic acid
Concen: 27.716 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Tgt Ion:122 Resp: 61061
Ion Ratio Lower Upper
122 100
105 110.7 100.8 140.8
77 81.4 70.9 110.9

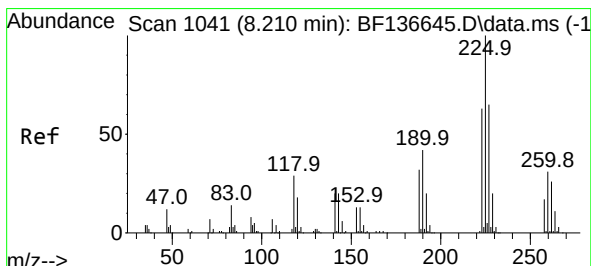
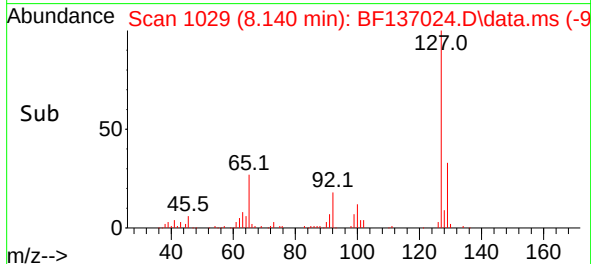
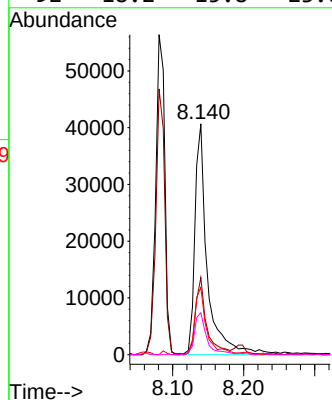
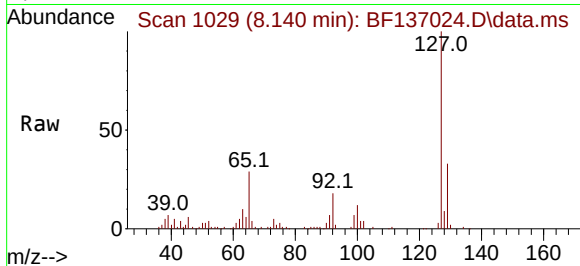




#33
4-Chloroaniline
Concen: 12.283 ng
RT: 8.140 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

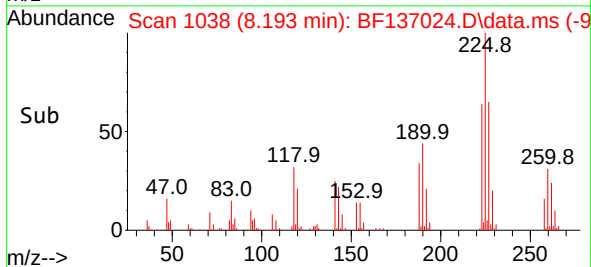
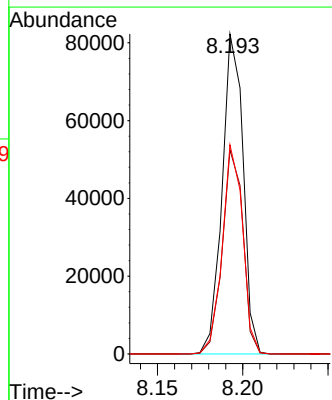
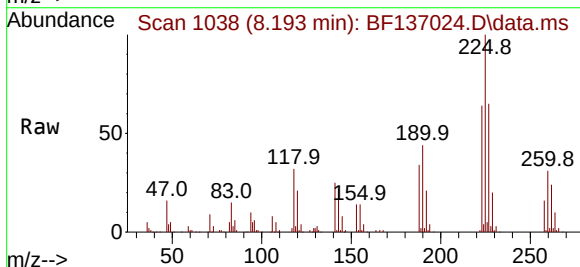
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

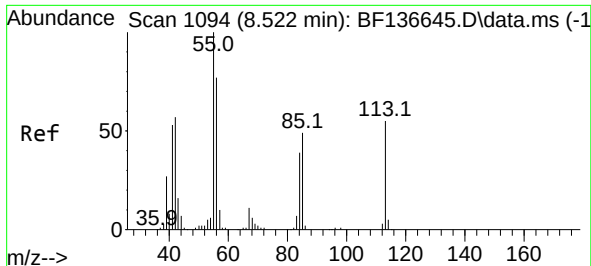
Tgt Ion:127	Resp:	49753
Ion Ratio	Lower	Upper
127	100	
129	33.4	26.3 39.5
65	29.1	25.8 38.8
92	18.2	15.8 23.6



#34
Hexachlorobutadiene
Concen: 35.346 ng
RT: 8.193 min Scan# 1038
Delta R.T. -0.017 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Tgt Ion:225	Resp:	70141
Ion Ratio	Lower	Upper
225	100	
223	63.8	50.6 76.0
227	65.3	51.9 77.9

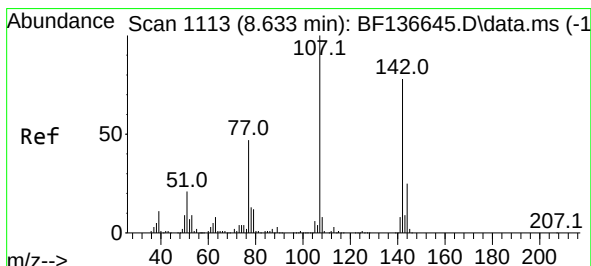
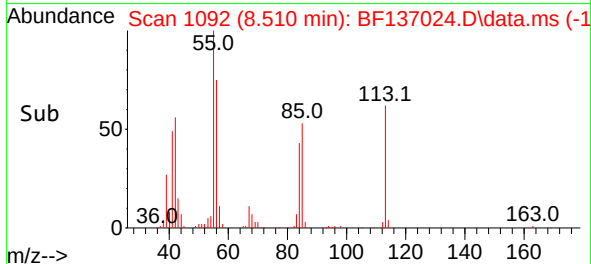
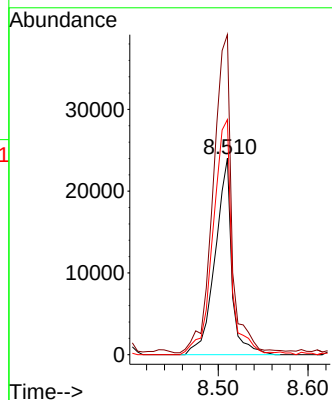
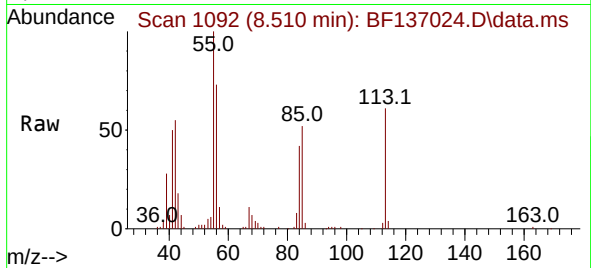




#35
 Caprolactam
 Concen: 32.123 ng
 RT: 8.510 min Scan# 1092
 Delta R.T. -0.011 min
 Lab File: BF137024.D
 Acq: 10 Jan 2024 17:24

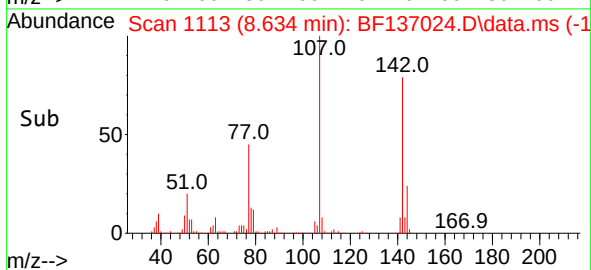
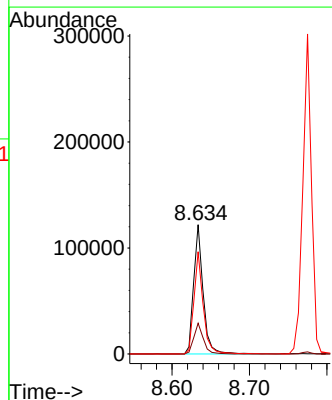
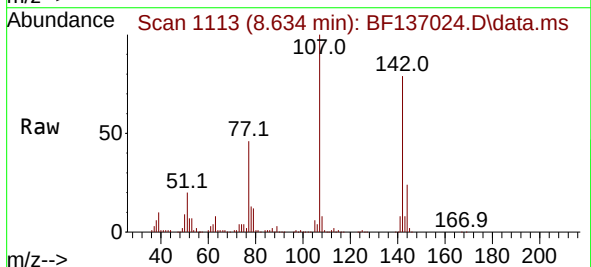
Instrument :
 BNA_F
 ClientSampleId :
 TP-4MSD

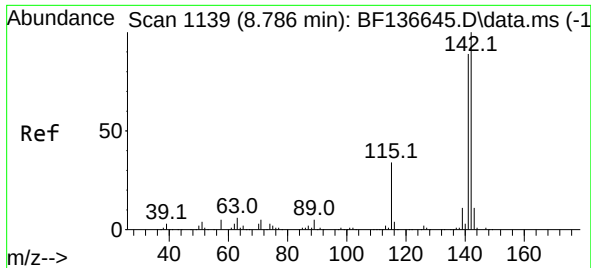
Tgt Ion:113 Resp: 31065
 Ion Ratio Lower Upper
 113 100
 55 163.0 163.1 203.1#
 56 119.8 121.7 161.7#



#36
 4-Chloro-3-methylphenol
 Concen: 31.503 ng
 RT: 8.634 min Scan# 1113
 Delta R.T. 0.000 min
 Lab File: BF137024.D
 Acq: 10 Jan 2024 17:24

Tgt Ion:107 Resp: 103964
 Ion Ratio Lower Upper
 107 100
 144 23.8 20.2 30.2
 142 79.0 62.3 93.5





#37

2-Methylnaphthalene

Concen: 33.345 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.011 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

Instrument :

BNA_F

ClientSampleId :

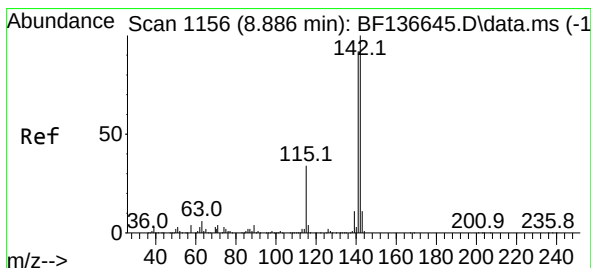
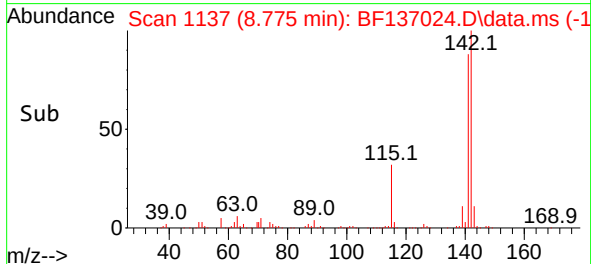
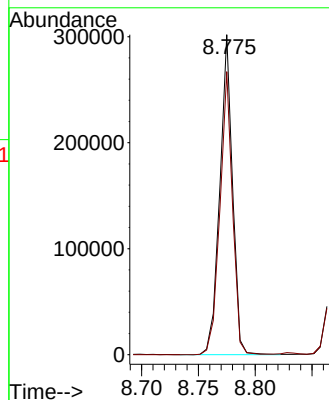
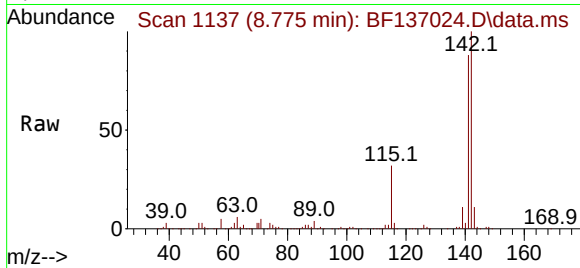
TP-4MSD

Tgt Ion:142 Resp: 235419

Ion Ratio Lower Upper

142 100

141 88.4 71.1 106.7



#38

1-Methylnaphthalene

Concen: 32.260 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.011 min

Lab File: BF137024.D

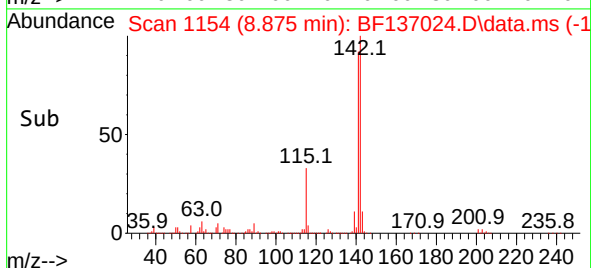
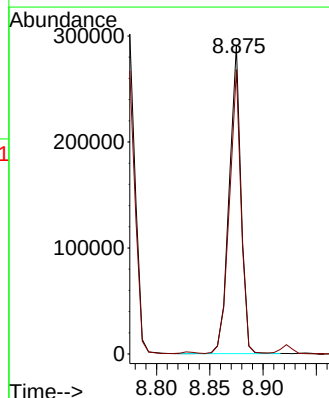
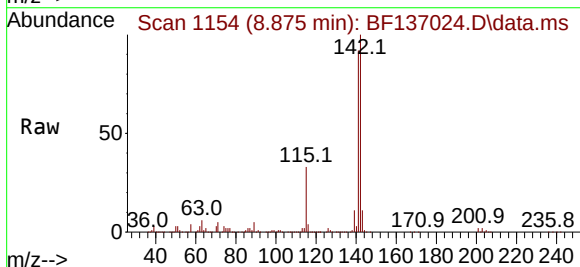
Acq: 10 Jan 2024 17:24

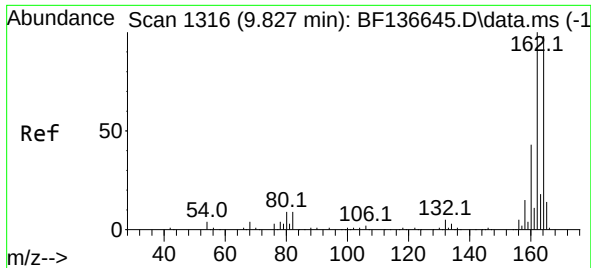
Tgt Ion:142 Resp: 223453

Ion Ratio Lower Upper

142 100

141 92.1 73.6 110.4

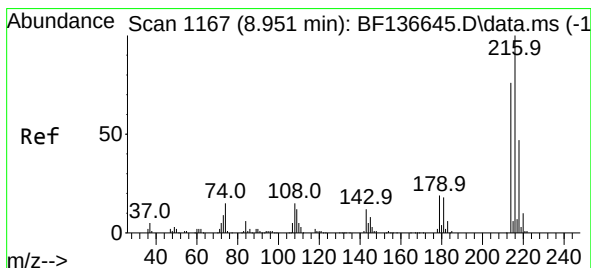
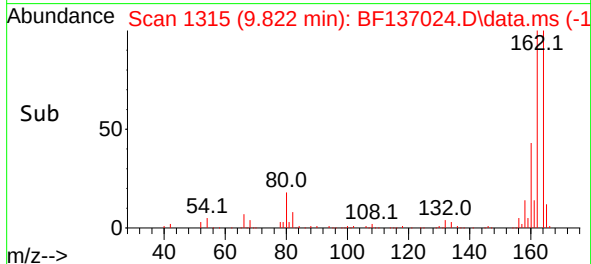
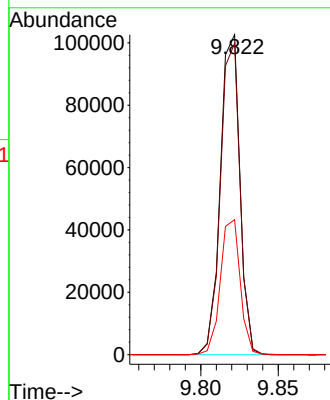
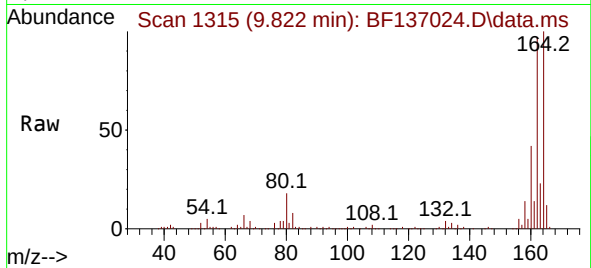




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

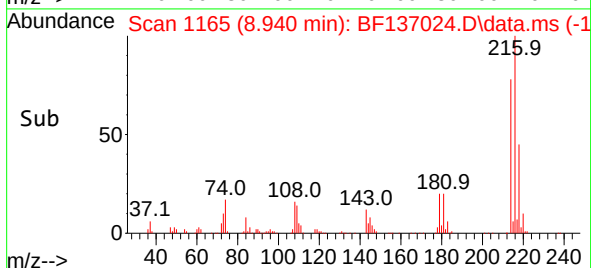
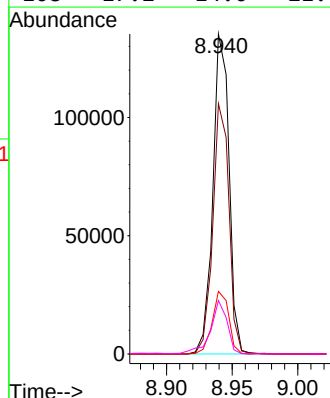
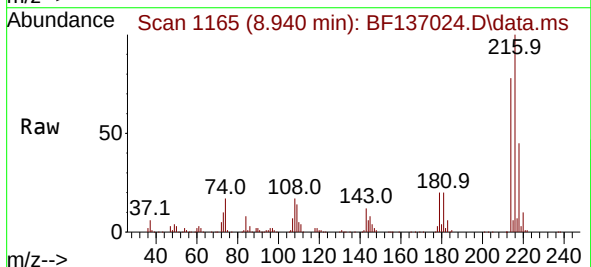
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

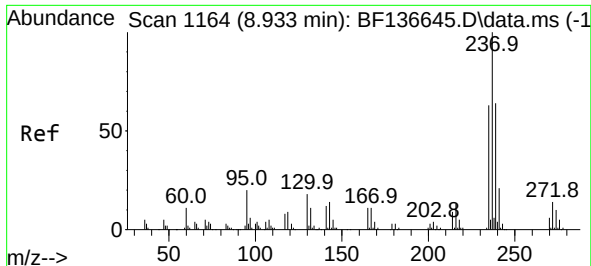
Tgt Ion:164 Resp: 90277
Ion Ratio Lower Upper
164 100
162 97.3 81.6 122.4
160 42.2 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.528 ng
RT: 8.940 min Scan# 1165
Delta R.T. -0.011 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

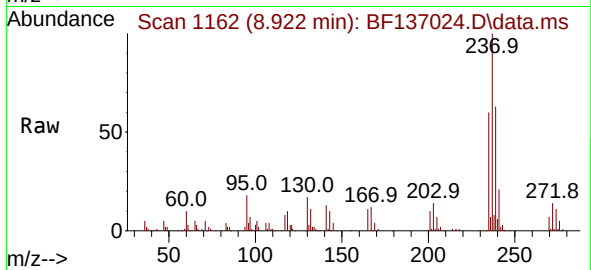
Tgt Ion:216 Resp: 116106
Ion Ratio Lower Upper
216 100
214 78.1 62.3 93.5
179 20.0 16.4 24.6
108 17.2 14.0 21.0



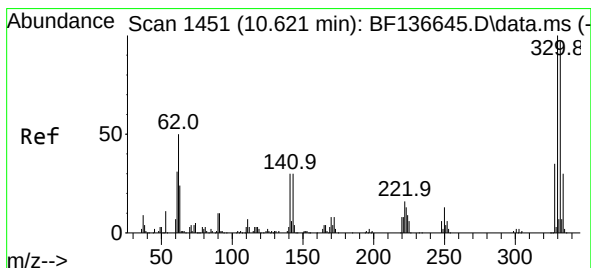
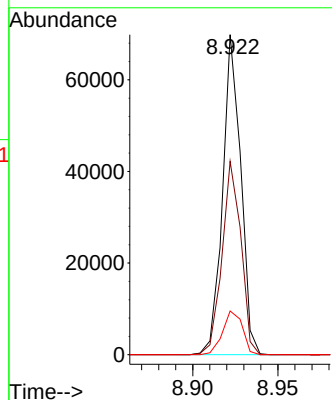
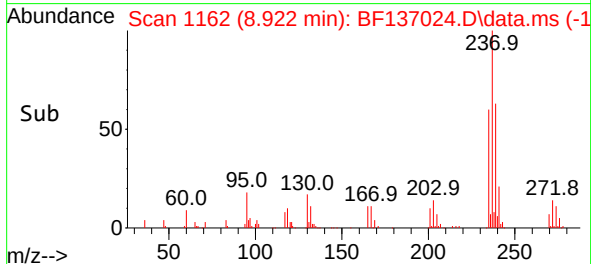


#41
Hexachlorocyclopentadiene
Concen: 59.373 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.011 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Instrument :
BNA_F
ClientSampleId :
TP-4MSD

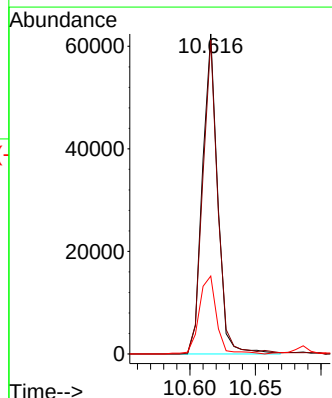
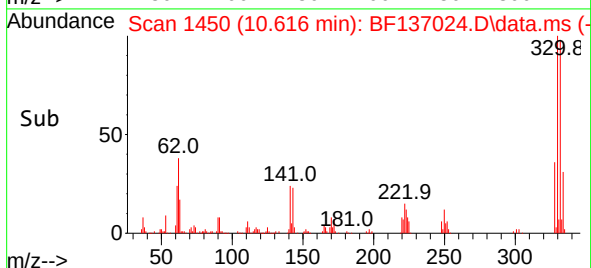
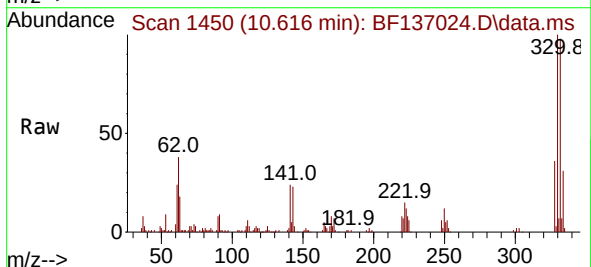


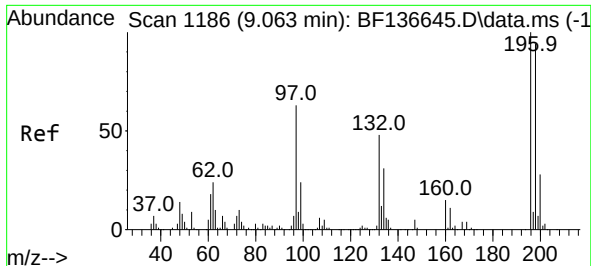
Tgt Ion:237 Resp: 51728
Ion Ratio Lower Upper
237 100
235 60.4 43.2 83.2
272 13.6 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 47.372 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Tgt Ion:330 Resp: 50366
Ion Ratio Lower Upper
330 100
332 97.9 77.4 116.0
141 27.9 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 38.190 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

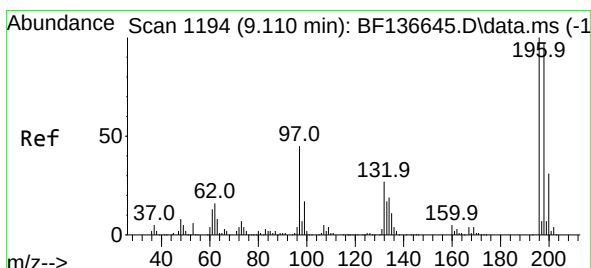
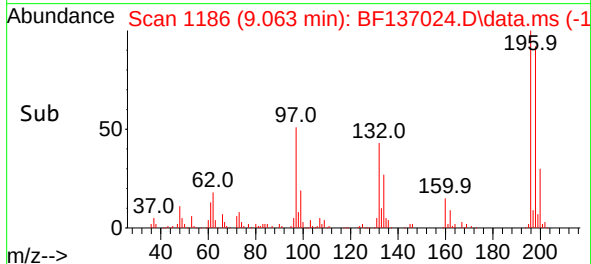
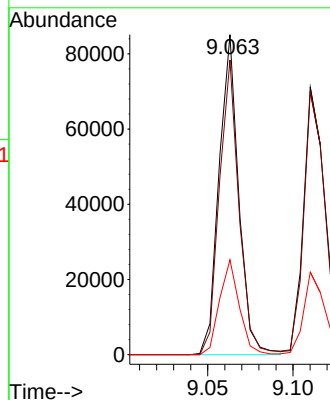
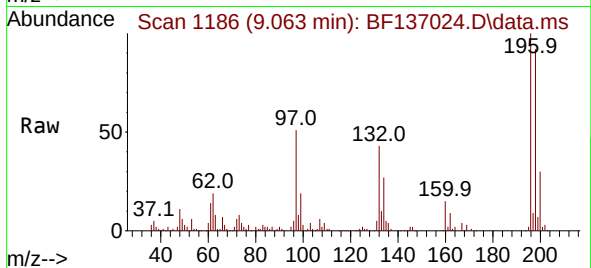
Tgt Ion:196 Resp: 68475

Ion Ratio Lower Upper

196 100

198 92.1 75.1 112.7

200 29.7 22.5 33.7



#44

2,4,5-Trichlorophenol

Concen: 34.433 ng

RT: 9.110 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

Tgt Ion:196 Resp: 68800

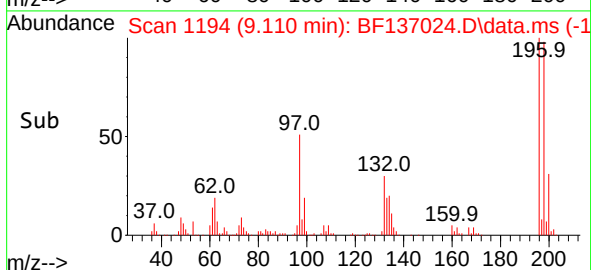
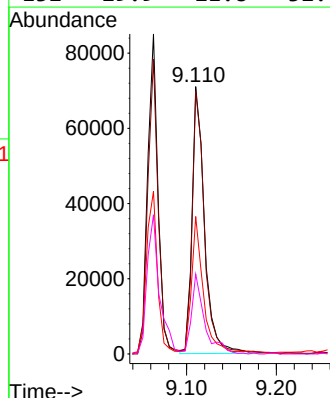
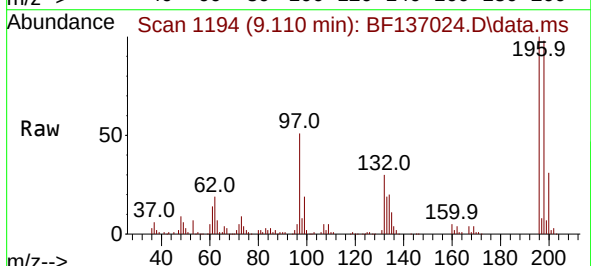
Ion Ratio Lower Upper

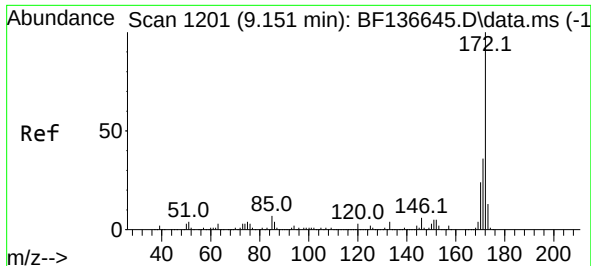
196 100

198 98.3 77.0 115.6

97 51.4 36.1 54.1

132 29.9 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 63.663 ng

RT: 9.140 min Scan# 1199

Delta R.T. -0.011 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

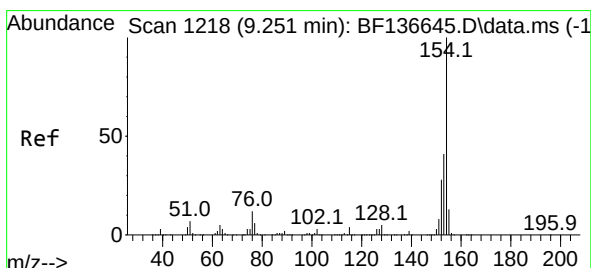
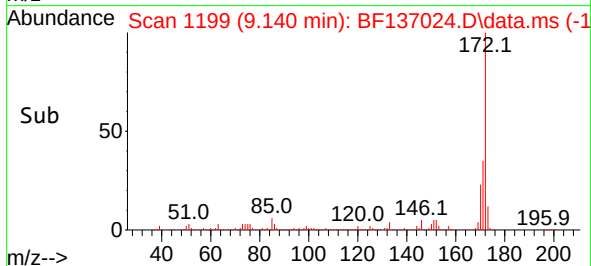
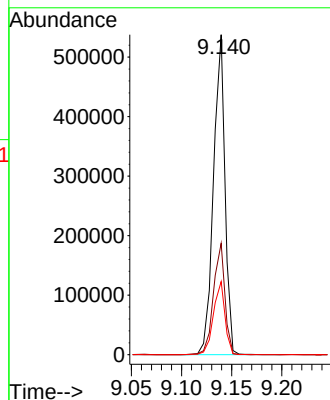
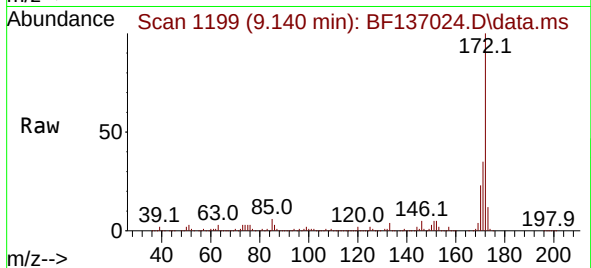
Tgt Ion:172 Resp: 427311

Ion Ratio Lower Upper

172 100

171 34.8 29.0 43.6

170 22.9 19.0 28.4



#46

1,1'-Biphenyl

Concen: 40.234 ng

RT: 9.240 min Scan# 1216

Delta R.T. -0.011 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

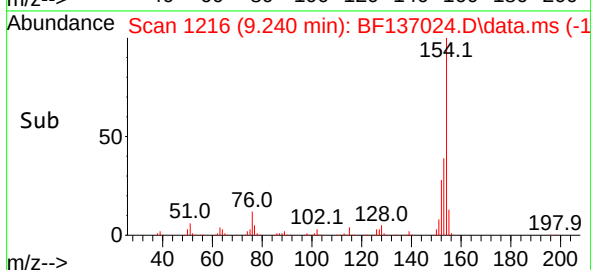
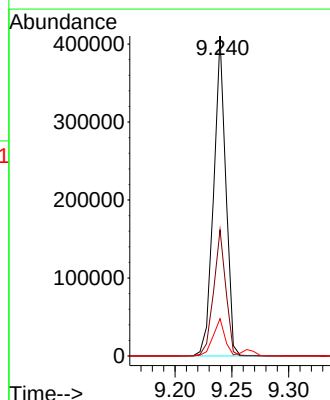
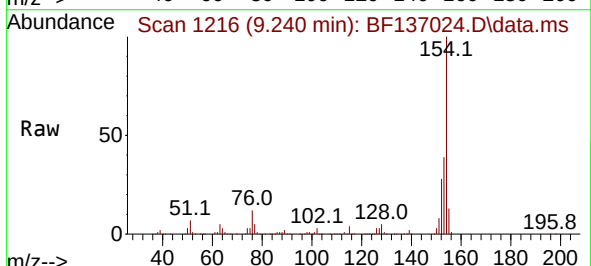
Tgt Ion:154 Resp: 304801

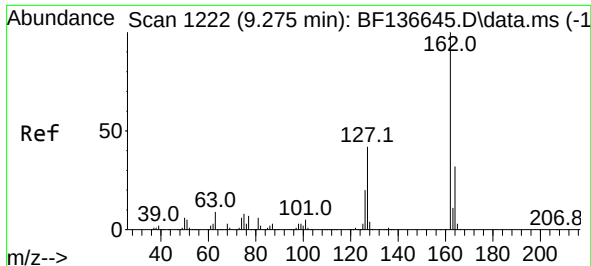
Ion Ratio Lower Upper

154 100

153 39.5 21.1 61.1

76 11.7 0.0 31.7

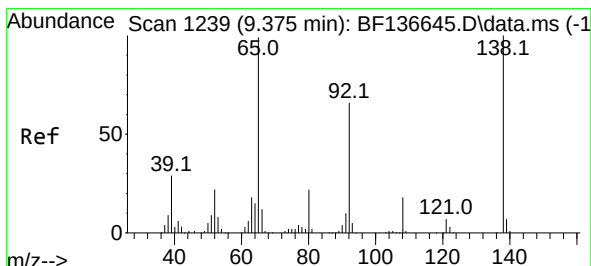
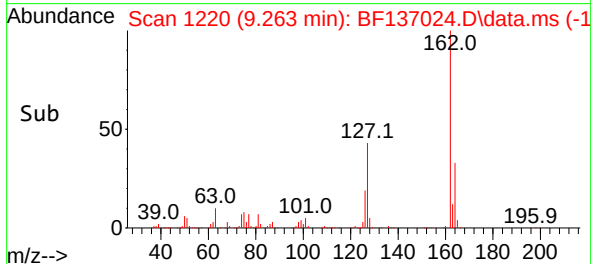
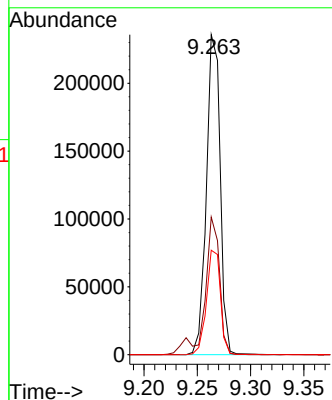
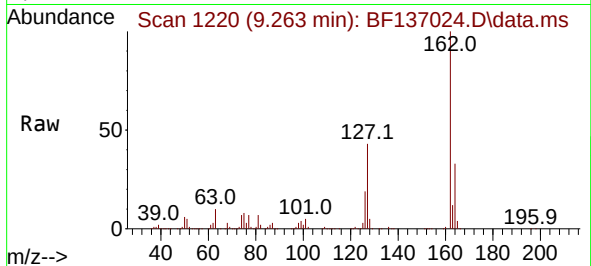




#47
2-Chloronaphthalene
Concen: 37.010 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

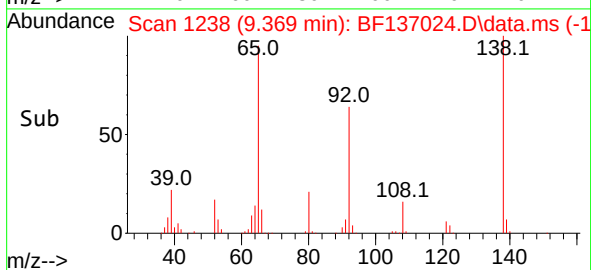
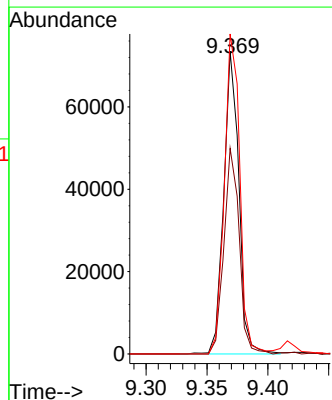
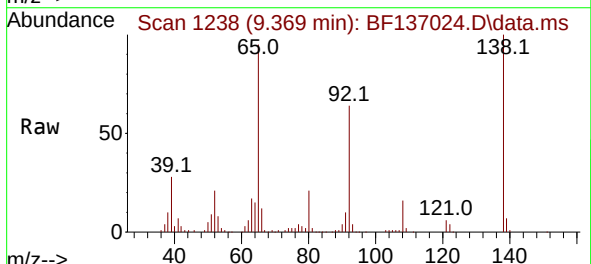
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

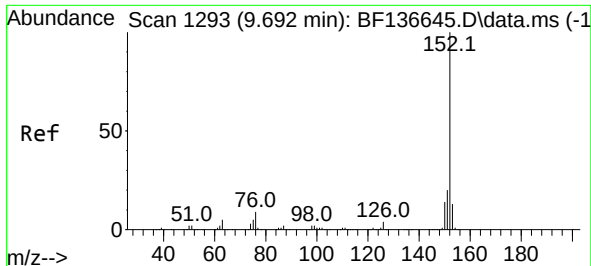
Tgt Ion:162 Resp: 213146
Ion Ratio Lower Upper
162 100
127 43.0 33.6 50.4
164 32.7 25.7 38.5



#48
2-Nitroaniline
Concen: 35.154 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Tgt Ion: 65 Resp: 63398
Ion Ratio Lower Upper
65 100
92 67.9 53.2 79.8
138 105.7 81.1 121.7





#49

Acenaphthylene

Concen: 39.385 ng

RT: 9.681 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

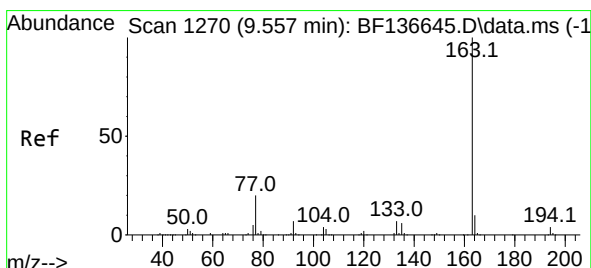
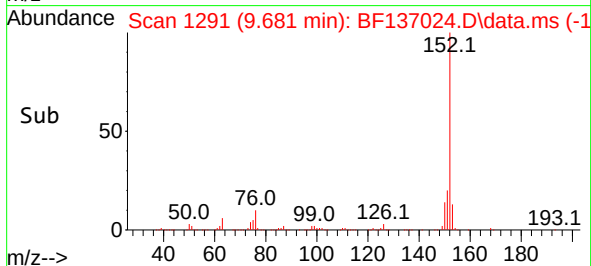
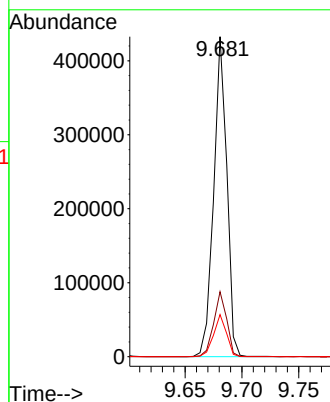
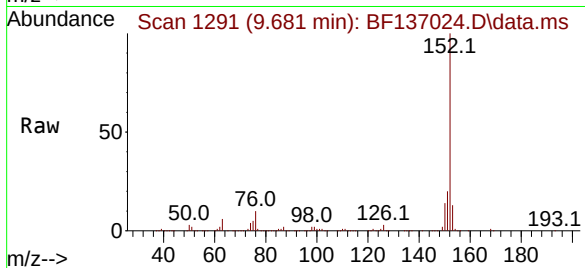
Tgt Ion:152 Resp: 346693

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

153 13.2 10.2 15.2



#50

Dimethylphthalate

Concen: 37.002 ng

RT: 9.539 min Scan# 1267

Delta R.T. -0.017 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

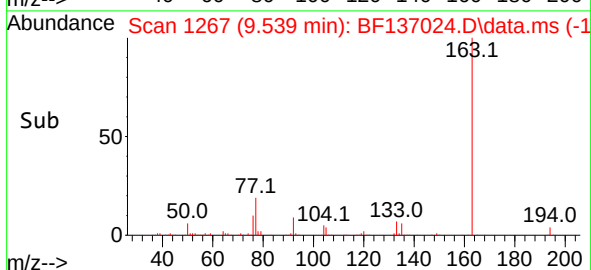
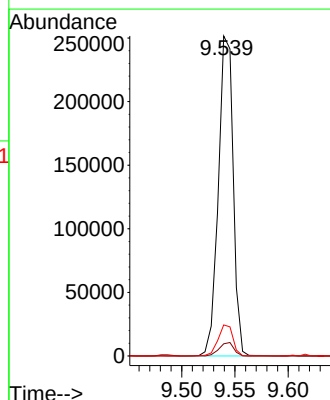
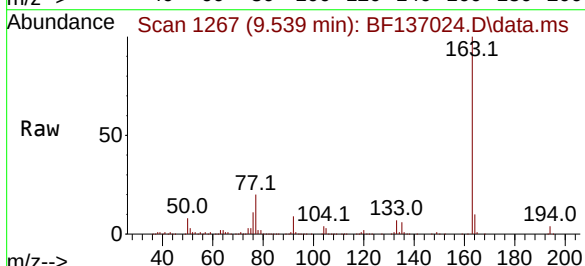
Tgt Ion:163 Resp: 243996

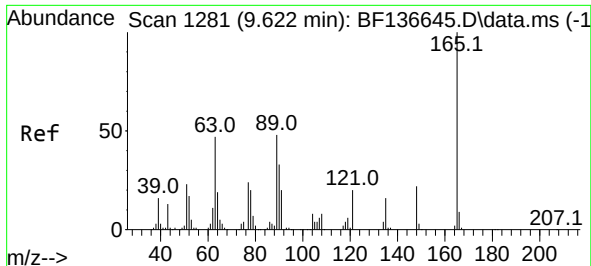
Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

164 9.7 7.8 11.6

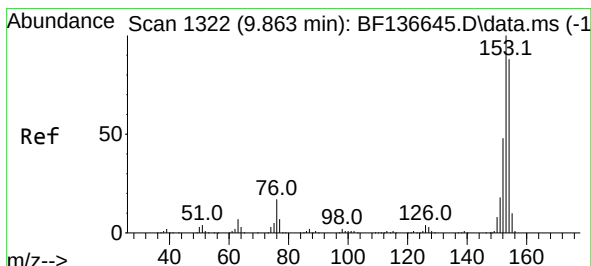
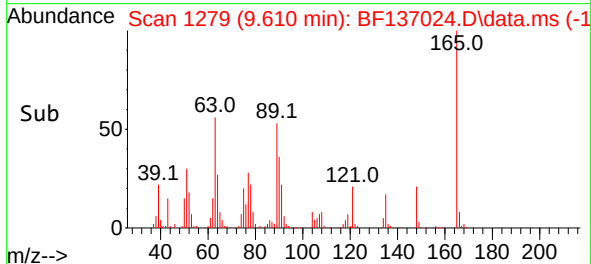
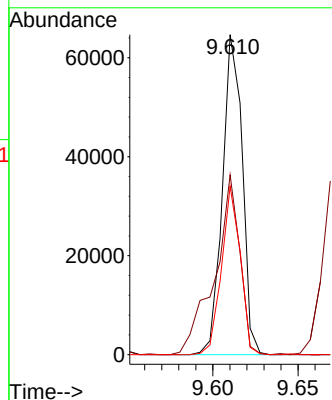
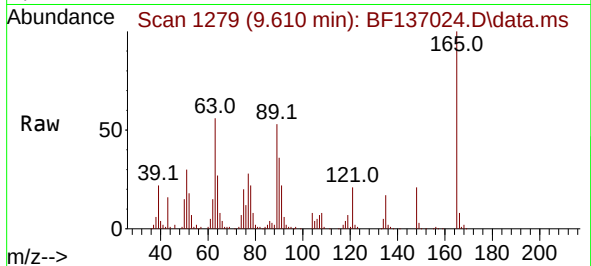




#51
2,6-Dinitrotoluene
Concen: 34.923 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

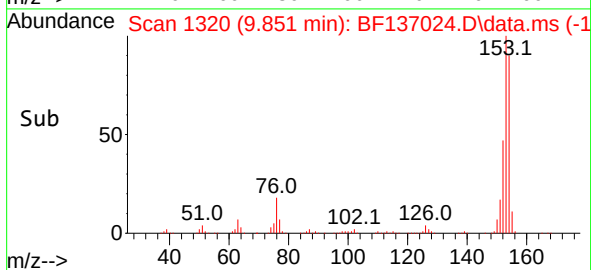
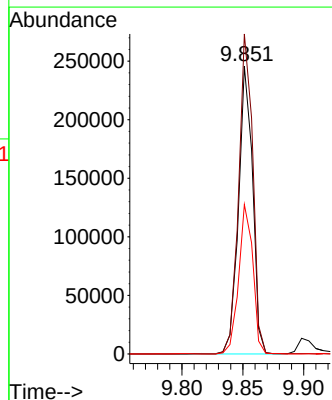
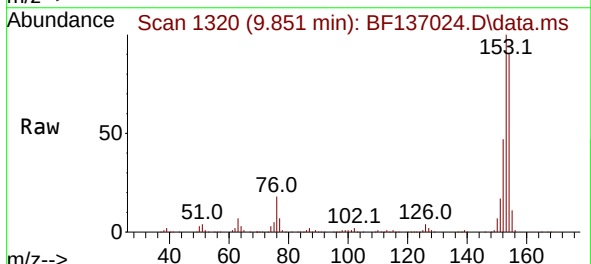
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

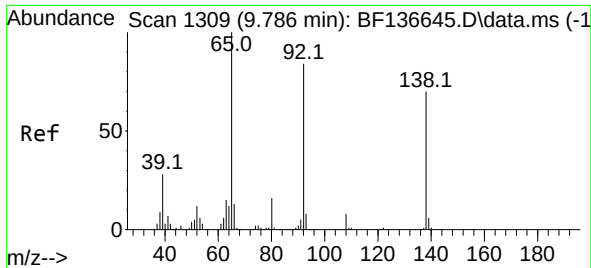
Tgt Ion:165 Resp: 52264
Ion Ratio Lower Upper
165 100
63 56.2 39.8 59.6
89 52.6 38.8 58.2



#52
Acenaphthene
Concen: 36.186 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.011 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Tgt Ion:154 Resp: 197456
Ion Ratio Lower Upper
154 100
153 111.3 90.7 136.1
152 51.9 43.7 65.5

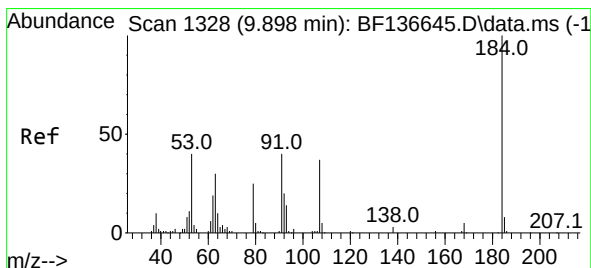
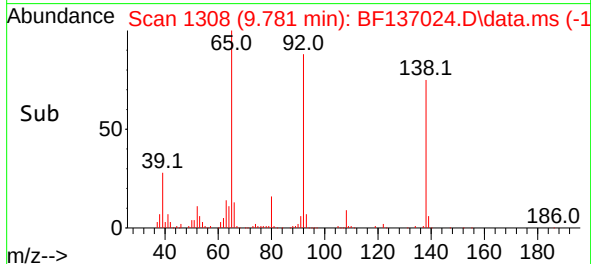
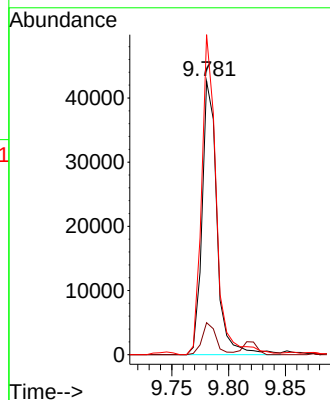
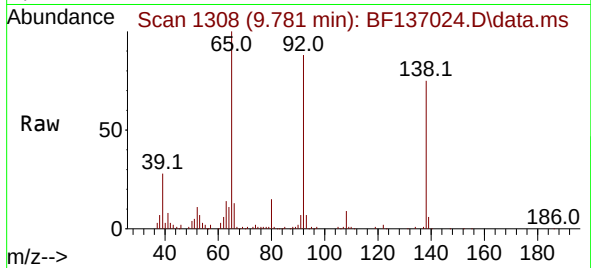




#53
3-Nitroaniline
Concen: 24.599 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

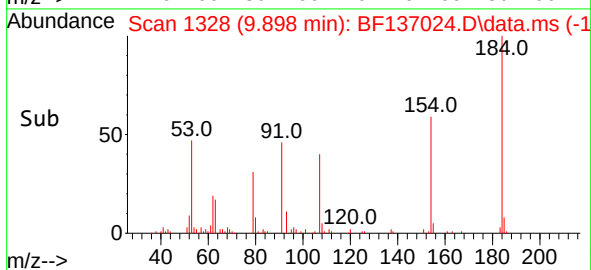
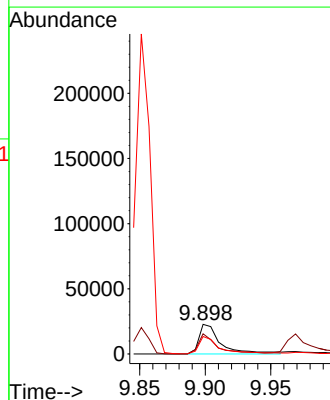
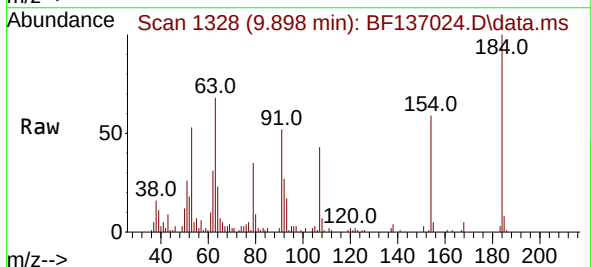
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

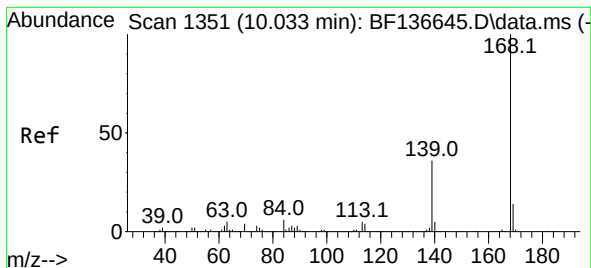
Tgt Ion:138 Resp: 38997
Ion Ratio Lower Upper
138 100
108 11.7 8.6 12.8
92 117.1 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 34.032 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Tgt Ion:184 Resp: 26359
Ion Ratio Lower Upper
184 100
63 68.0 40.9 61.3#
154 58.9 42.7 64.1





#55

Dibenzenofuran

Concen: 36.133 ng

RT: 10.028 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

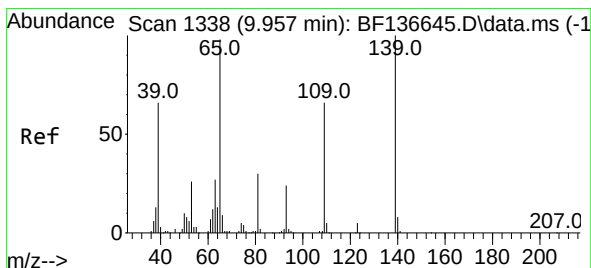
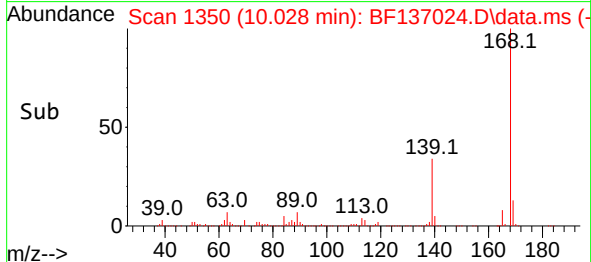
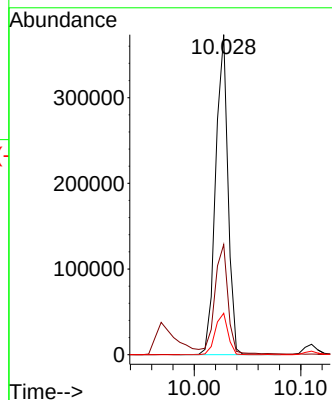
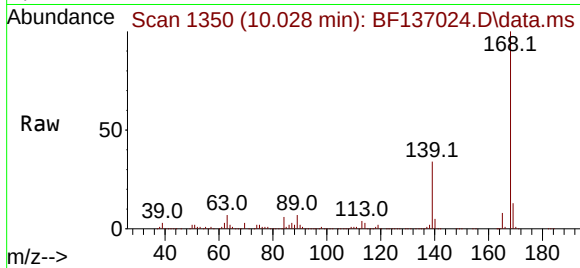
Tgt Ion:168 Resp: 298874

Ion Ratio Lower Upper

168 100

139 34.4 29.3 43.9

169 12.9 11.0 16.4



#56

4-Nitrophenol

Concen: 48.056 ng

RT: 9.969 min Scan# 1340

Delta R.T. 0.012 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

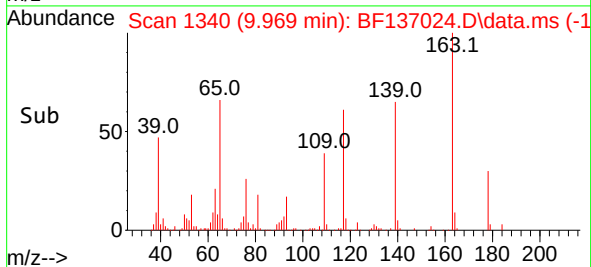
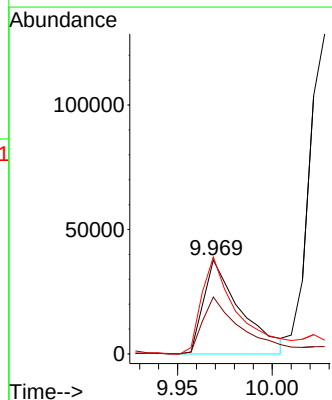
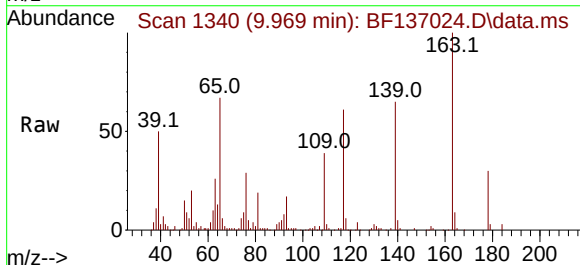
Tgt Ion:139 Resp: 51428

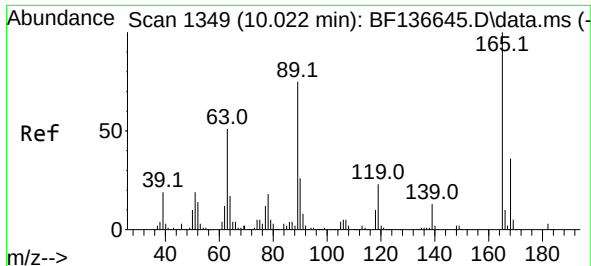
Ion Ratio Lower Upper

139 100

109 60.7 45.8 85.8

65 103.3 77.8 117.8

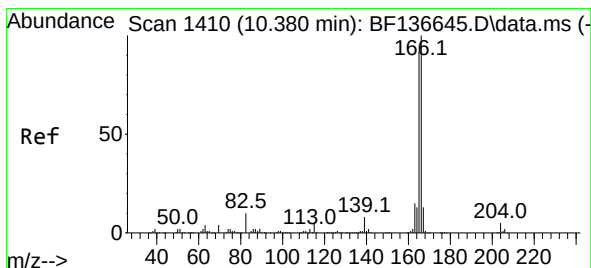
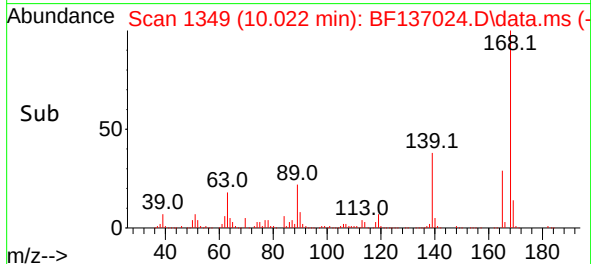
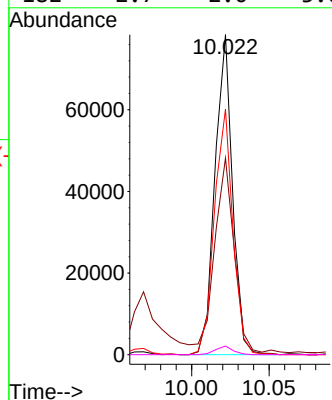
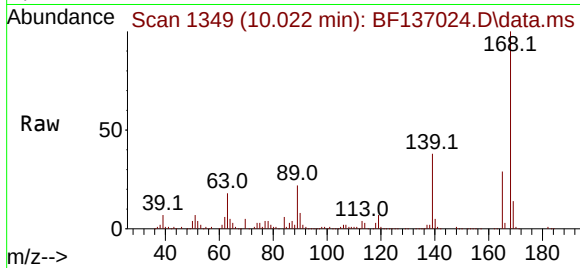




#57
2,4-Dinitrotoluene
Concen: 31.765 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

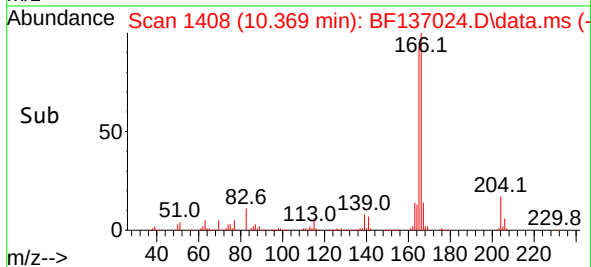
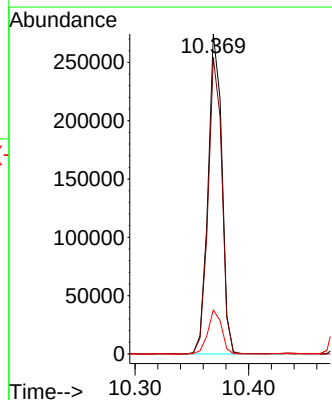
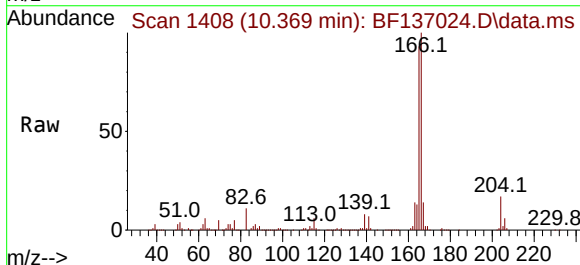
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

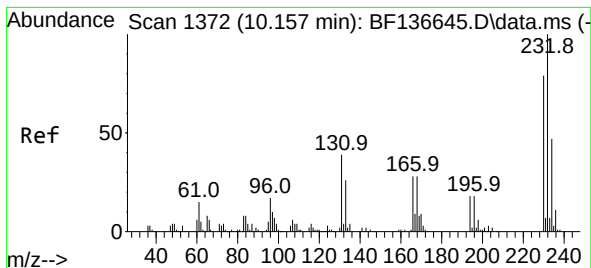
Tgt Ion:165 Resp: 61713
Ion Ratio Lower Upper
165 100
63 61.4 41.0 61.6
89 76.7 59.9 89.9
182 2.7 2.0 3.0



#58
Fluorene
Concen: 35.143 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.011 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Tgt Ion:166 Resp: 230648
Ion Ratio Lower Upper
166 100
165 92.7 73.7 110.5
167 13.8 10.4 15.6

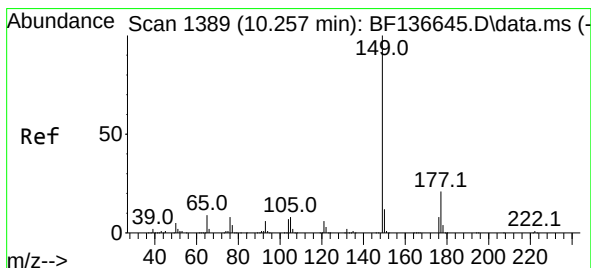
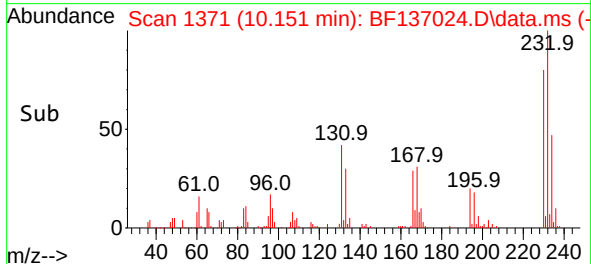
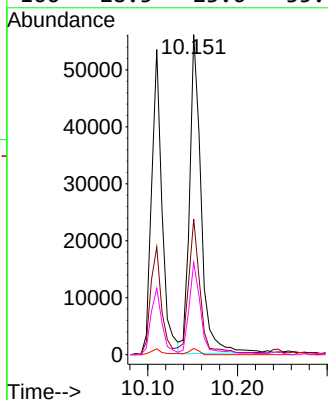
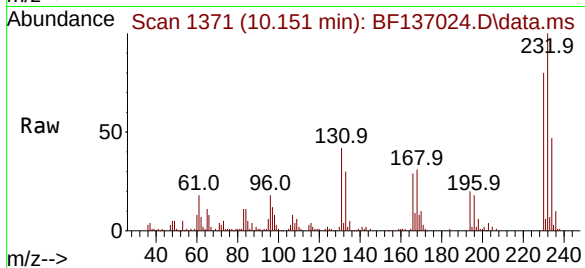




#59
2,3,4,6-Tetrachlorophenol
Concen: 32.563 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

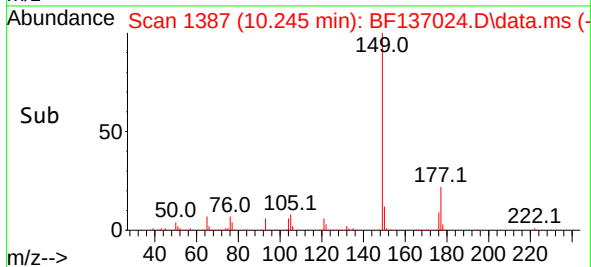
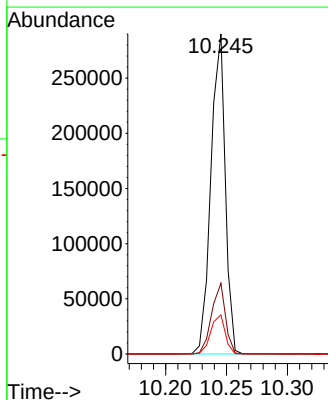
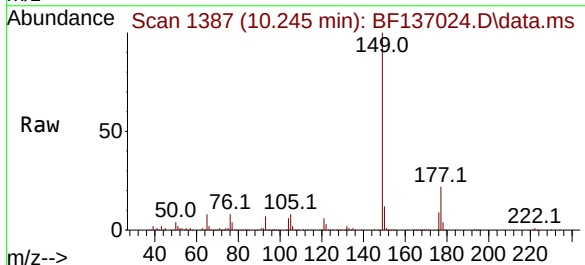
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

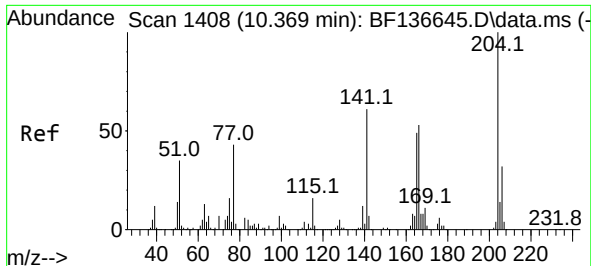
Tgt Ion:232 Resp: 50084
Ion Ratio Lower Upper
232 100
131 42.1 35.1 52.7
130 1.9 1.6 2.4
166 28.5 23.6 35.4



#60
Diethylphthalate
Concen: 34.698 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.011 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Tgt Ion:149 Resp: 237396
Ion Ratio Lower Upper
149 100
177 22.1 16.9 25.3
150 12.2 9.3 13.9

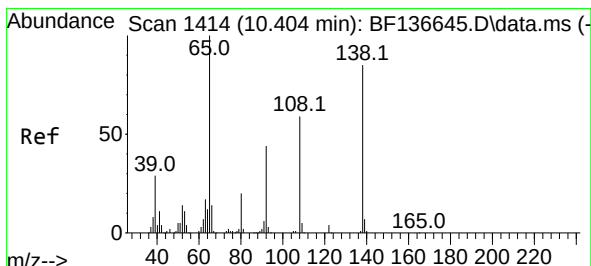
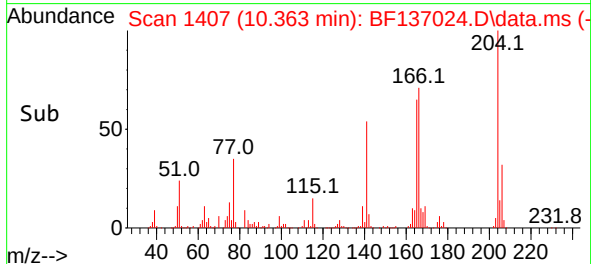
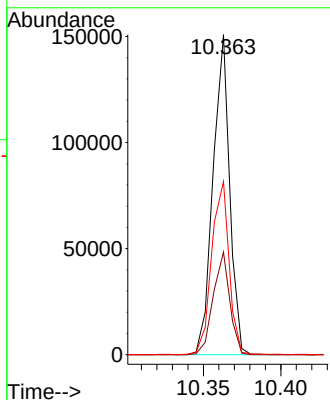
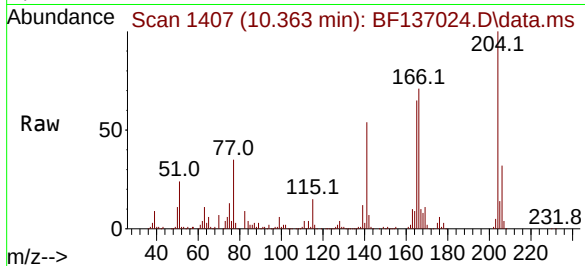




#61
4-Chlorophenyl-phenylether
Concen: 35.244 ng
RT: 10.363 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

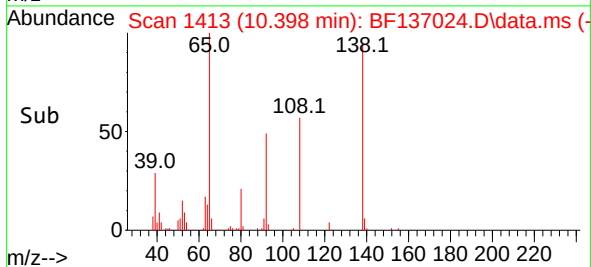
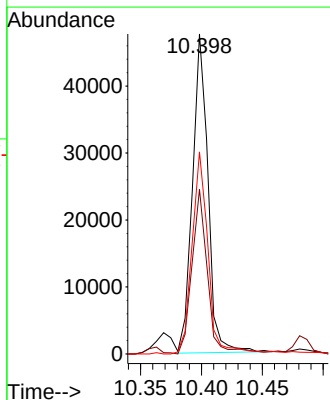
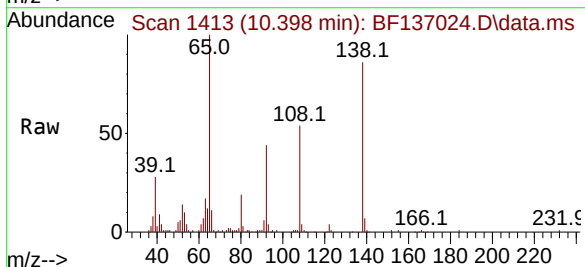
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

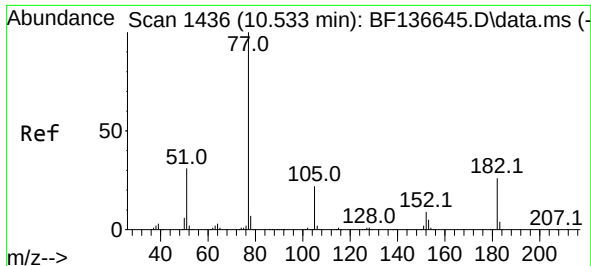
Tgt Ion:204 Resp: 112434
Ion Ratio Lower Upper
204 100
206 32.0 25.6 38.4
141 54.1 48.4 72.6



#62
4-Nitroaniline
Concen: 27.556 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Tgt Ion:138 Resp: 42112
Ion Ratio Lower Upper
138 100
92 51.5 32.1 72.1
108 63.2 50.1 90.1

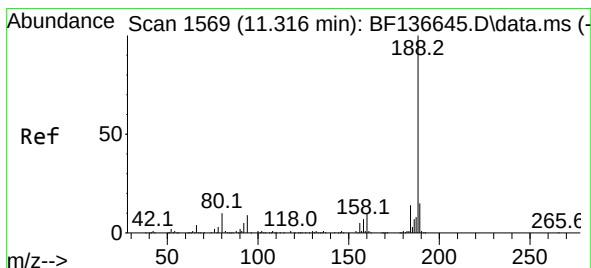
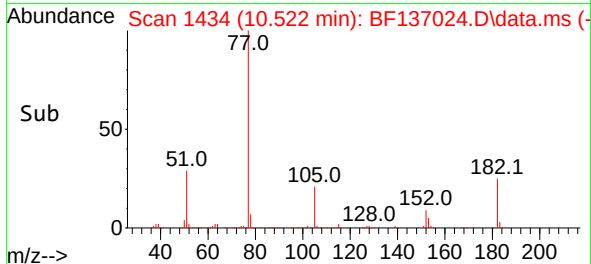
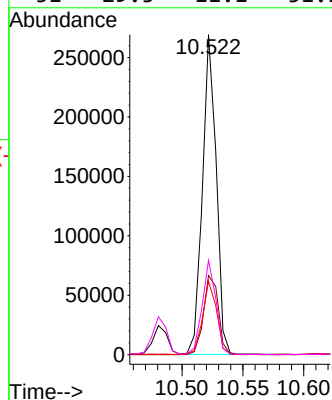
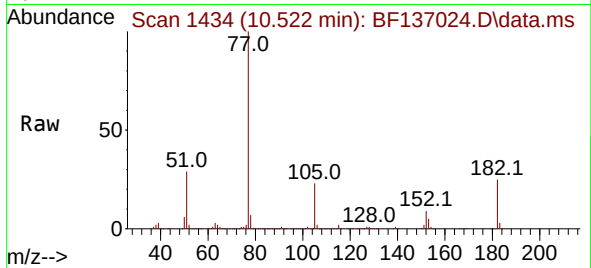




#63
Azobenzene
Concen: 32.926 ng
RT: 10.522 min Scan# 1436
Delta R.T. -0.011 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

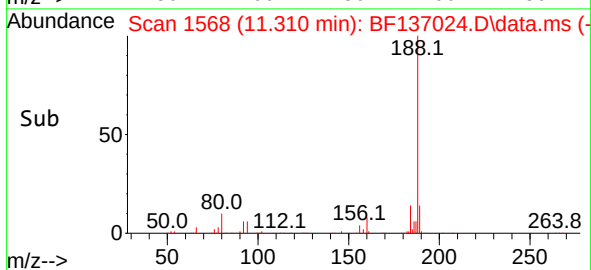
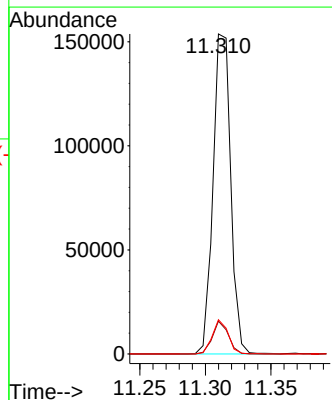
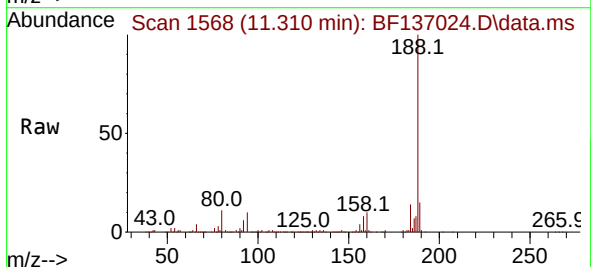
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

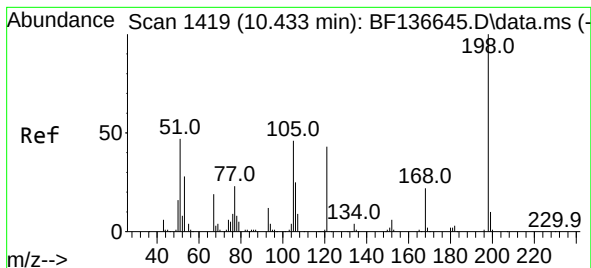
Tgt Ion: 77	Resp: 210404
Ion Ratio	Lower Upper
77 100	
182 24.8	6.0 46.0
105 22.9	2.3 42.3
51 29.5	11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Tgt Ion:188	Resp: 144213
Ion Ratio	Lower Upper
188 100	
94 10.2	7.5 11.3
80 10.7	8.1 12.1

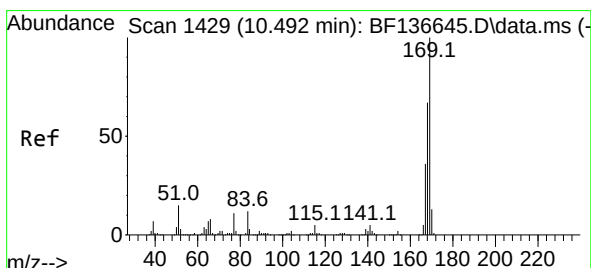
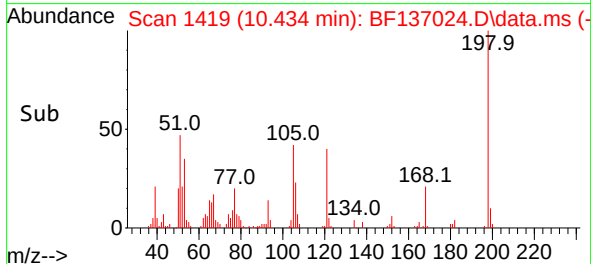
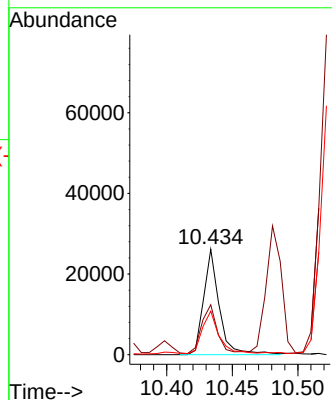
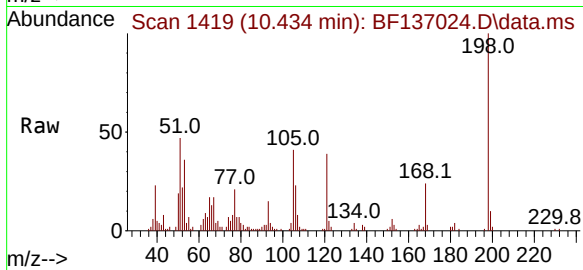




#65
4,6-Dinitro-2-methylphenol
Concen: 26.389 ng
RT: 10.434 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

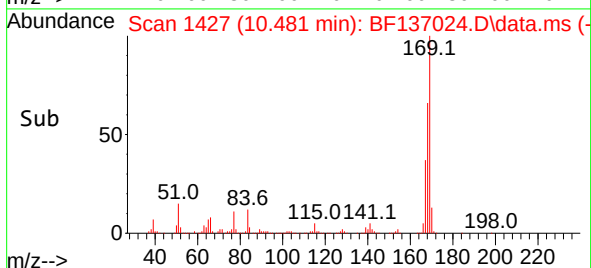
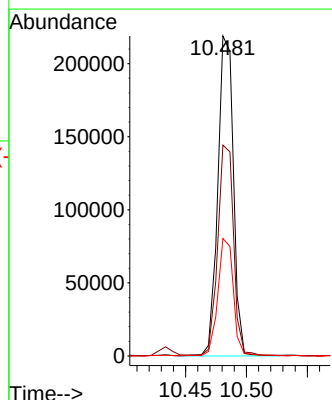
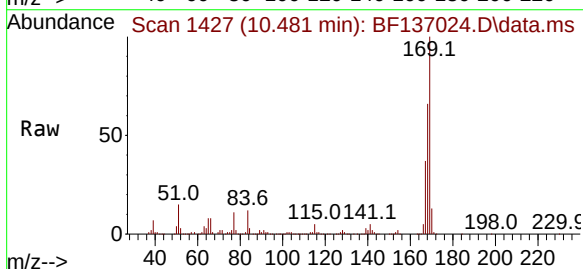
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

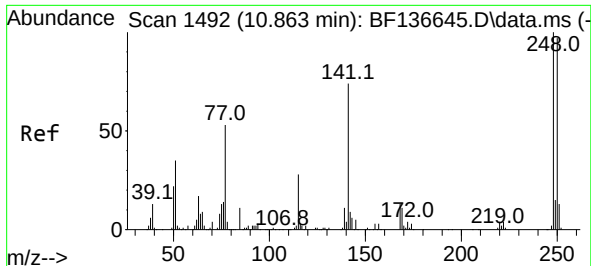
Tgt Ion:198 Resp: 21810
Ion Ratio Lower Upper
198 100
51 47.4 34.1 74.1
105 41.3 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 41.870 ng
RT: 10.481 min Scan# 1427
Delta R.T. -0.011 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Tgt Ion:169 Resp: 196150
Ion Ratio Lower Upper
169 100
168 65.9 53.8 80.6
167 36.7 28.7 43.1





#67

4-Bromophenyl-phenylether

Concen: 39.738 ng

RT: 10.851 min Scan# 1490

Delta R.T. -0.011 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

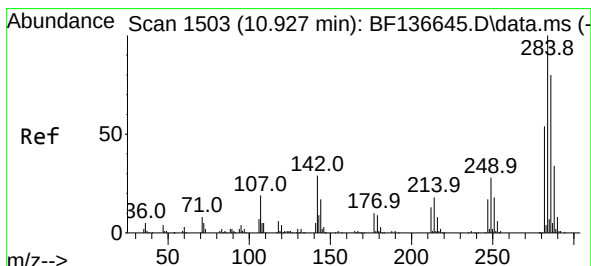
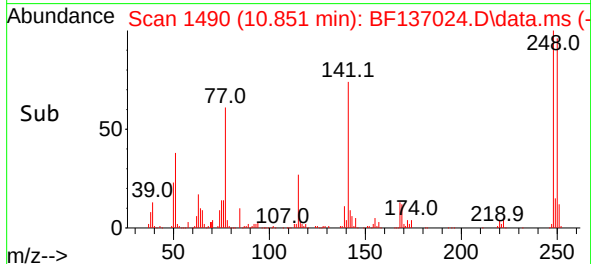
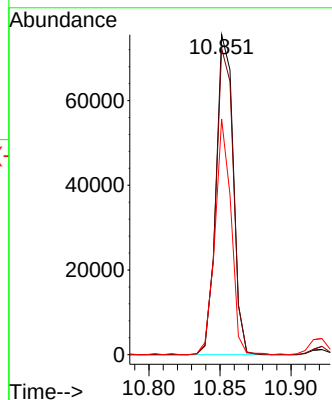
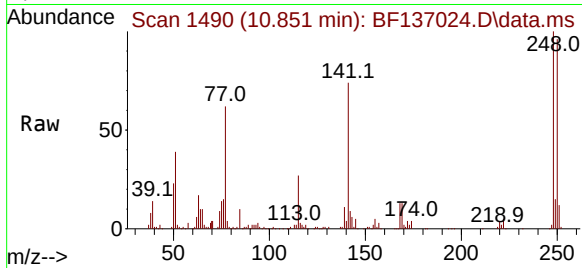
Tgt Ion:248 Resp: 63644

Ion Ratio Lower Upper

248 100

250 95.7 77.8 116.6

141 73.7 59.2 88.8



#68

Hexachlorobenzene

Concen: 37.761 ng

RT: 10.922 min Scan# 1502

Delta R.T. -0.006 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

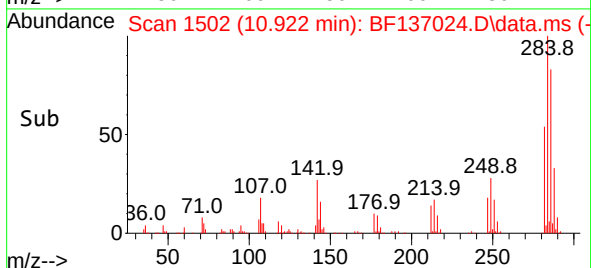
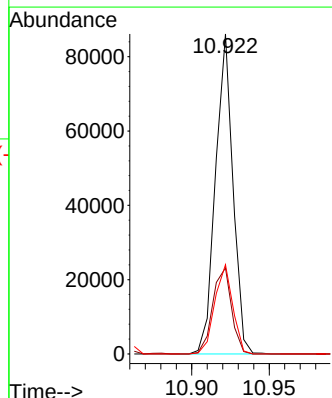
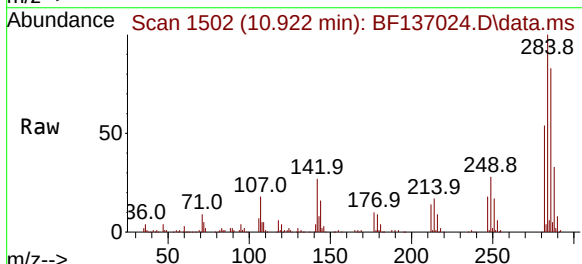
Tgt Ion:284 Resp: 67396

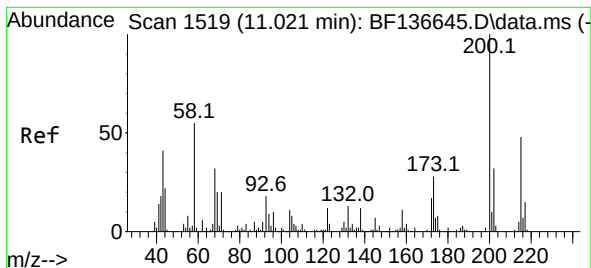
Ion Ratio Lower Upper

284 100

142 26.9 23.4 35.0

249 27.9 22.3 33.5





#69

Atrazine

Concen: 49.029 ng

RT: 11.016 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

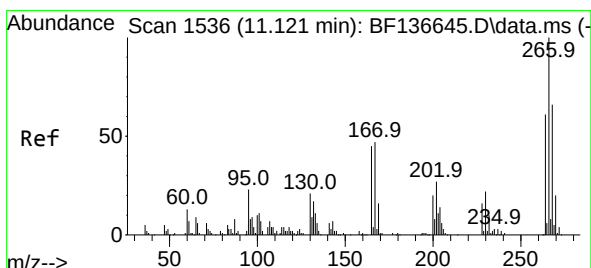
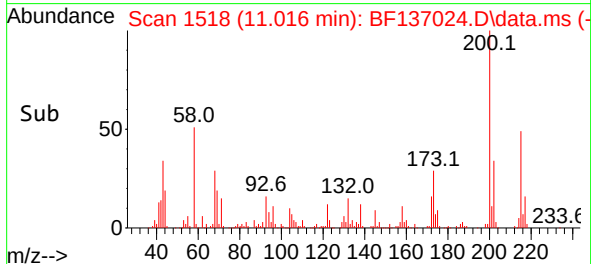
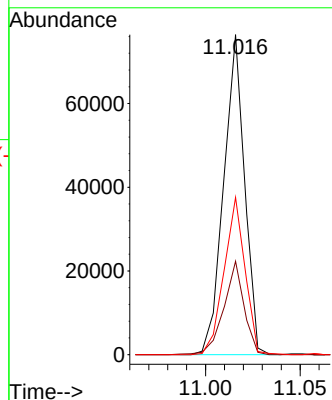
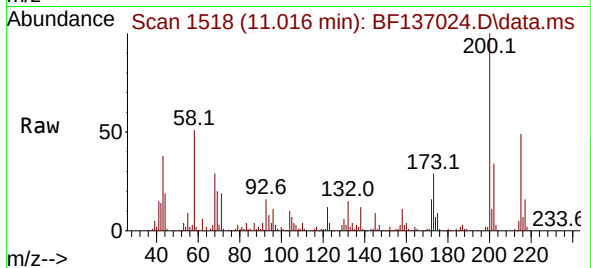
Tgt Ion:200 Resp: 58747

Ion Ratio Lower Upper

200 100

173 29.2 7.6 47.6

215 49.2 28.3 68.3



#70

Pentachlorophenol

Concen: 49.610 ng

RT: 11.128 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

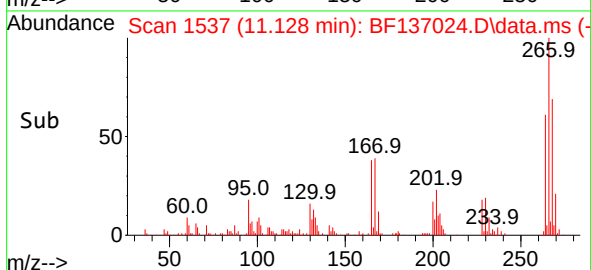
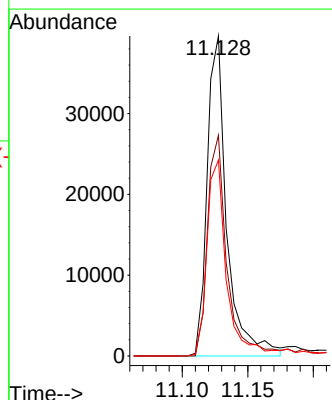
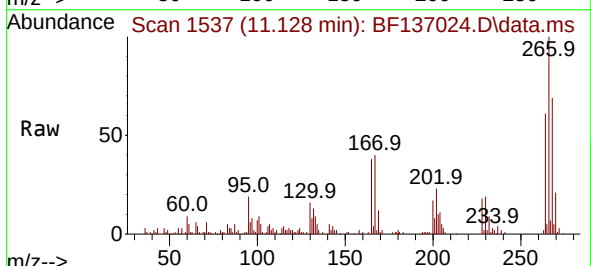
Tgt Ion:266 Resp: 41272

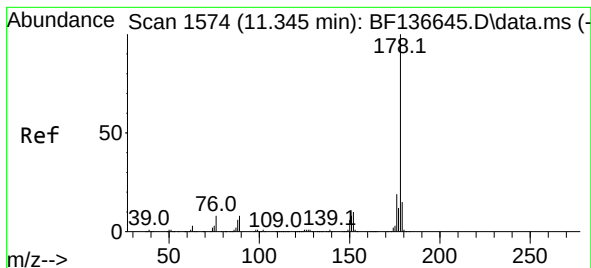
Ion Ratio Lower Upper

266 100

268 69.0 52.6 78.8

264 61.3 49.0 73.4





#71

Phenanthrene

Concen: 40.318 ng

RT: 11.339 min Scan# 1573

Delta R.T. -0.006 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

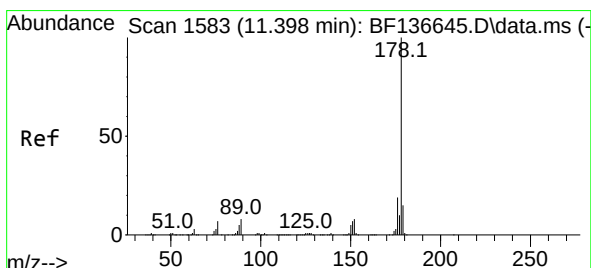
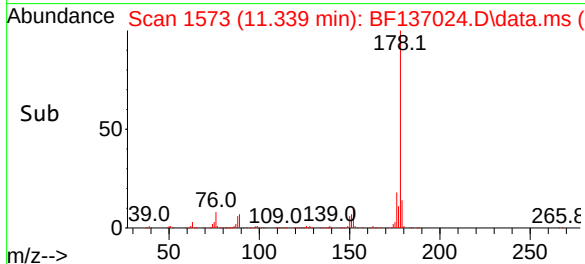
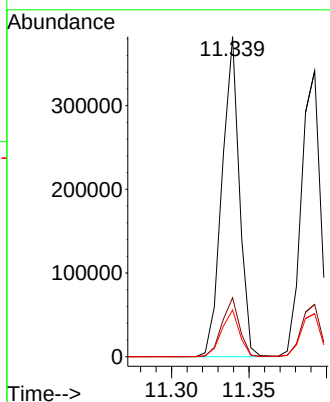
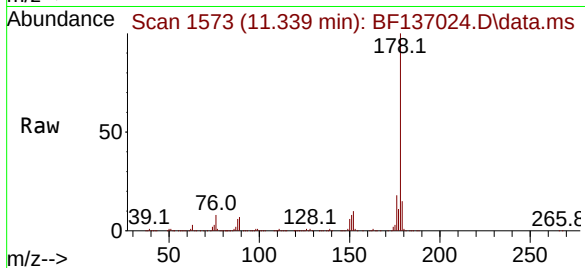
Tgt Ion:178 Resp: 298338

Ion Ratio Lower Upper

178 100

176 18.4 15.3 22.9

179 14.6 11.9 17.9



#72

Anthracene

Concen: 39.112 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

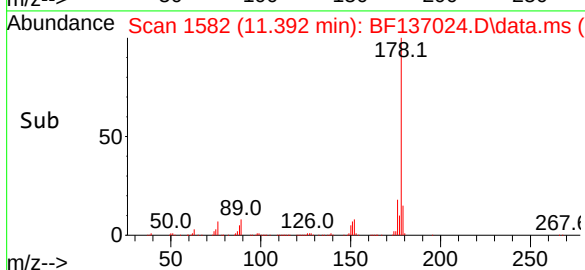
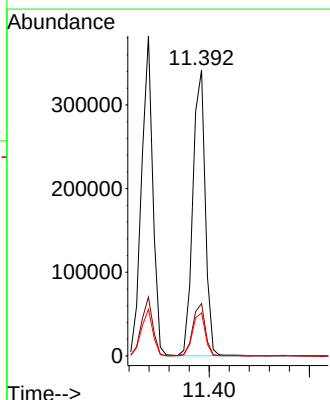
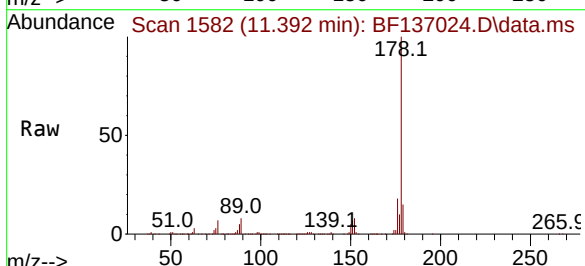
Tgt Ion:178 Resp: 293100

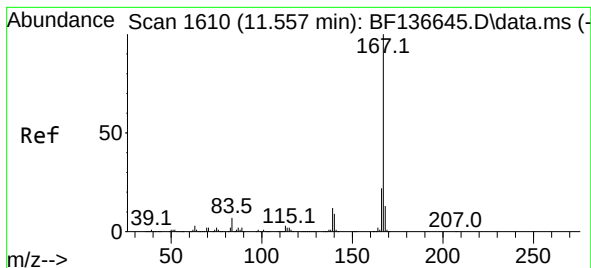
Ion Ratio Lower Upper

178 100

176 18.3 14.9 22.3

179 15.1 11.8 17.6





#73

Carbazole

Concen: 37.369 ng

RT: 11.551 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

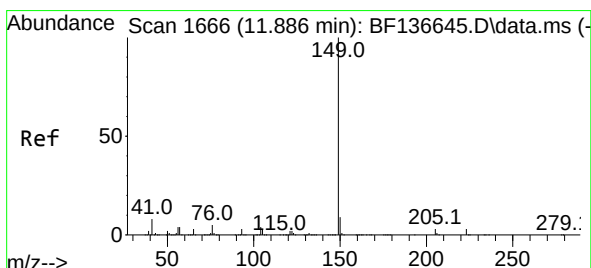
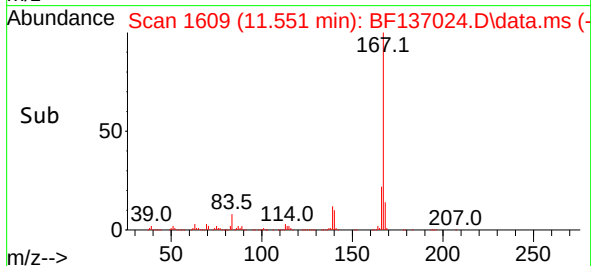
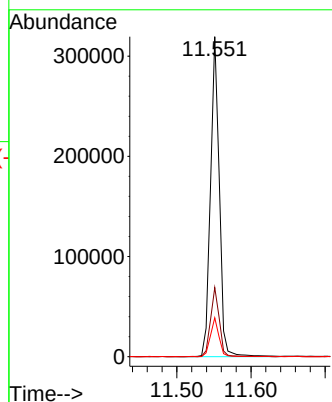
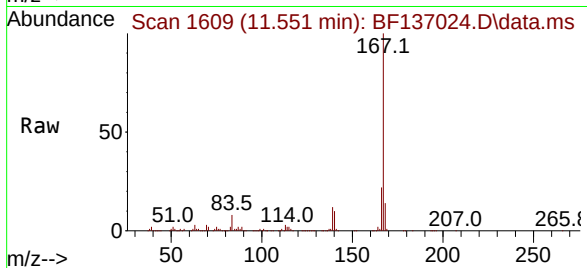
Tgt Ion:167 Resp: 264026

Ion Ratio Lower Upper

167 100

166 21.6 17.3 25.9

139 12.2 9.8 14.6



#74

Di-n-butylphthalate

Concen: 39.051 ng

RT: 11.875 min Scan# 1664

Delta R.T. -0.011 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

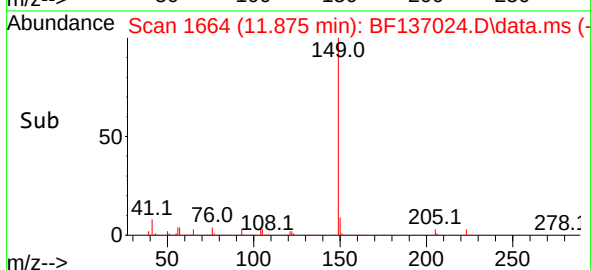
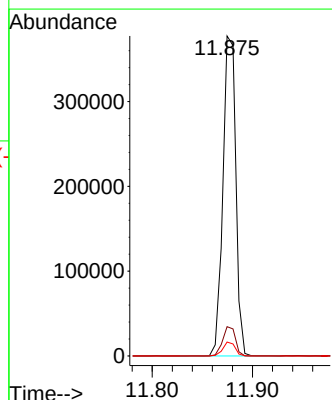
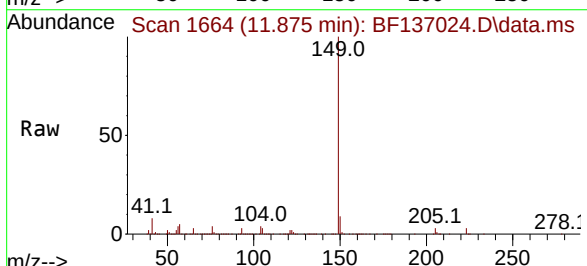
Tgt Ion:149 Resp: 336677

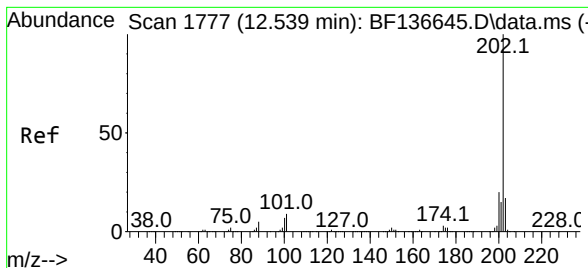
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 4.3 3.6 5.4





#75

Fluoranthene

Concen: 40.321 ng

RT: 12.533 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

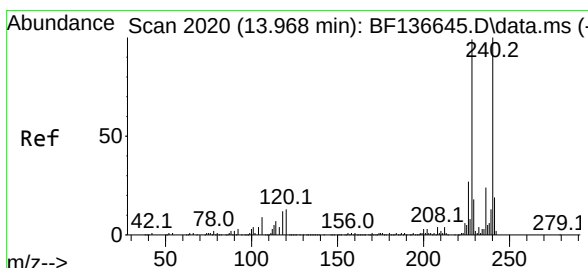
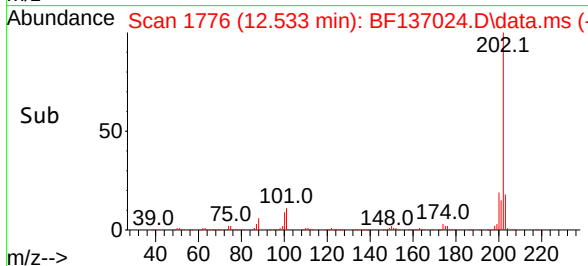
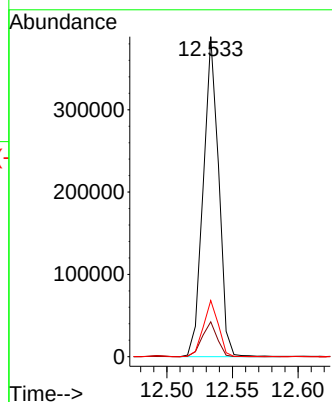
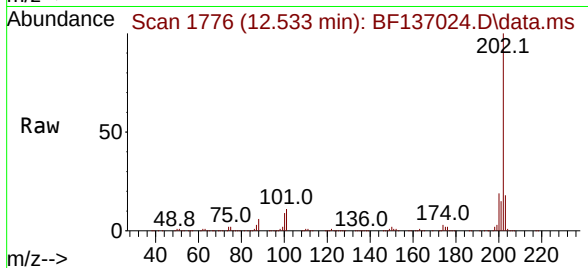
Tgt Ion:202 Resp: 319141

Ion Ratio Lower Upper

202 100

101 10.9 0.0 29.3

203 17.6 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.975 min Scan# 2021

Delta R.T. 0.006 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

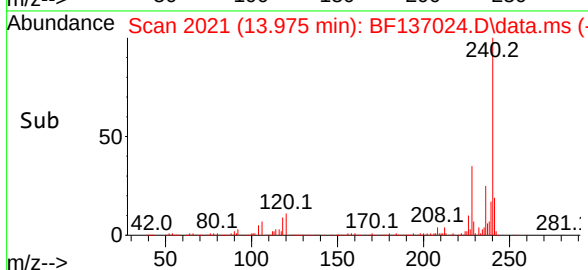
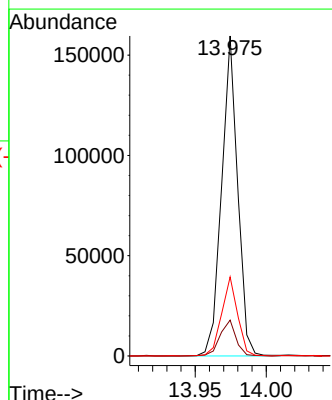
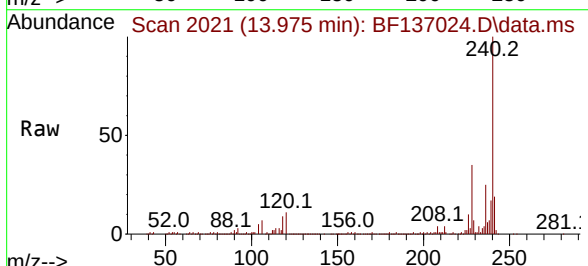
Tgt Ion:240 Resp: 124985

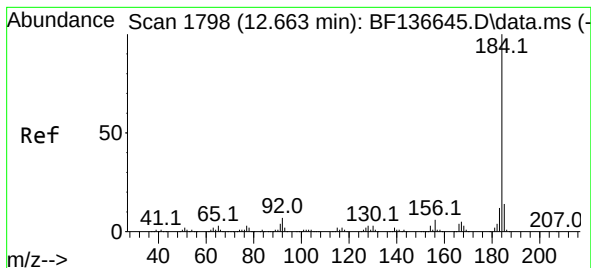
Ion Ratio Lower Upper

240 100

120 11.2 10.3 15.5

236 24.7 19.4 29.2





#77

Benzidine

Concen: 32.266 ng

RT: 12.663 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

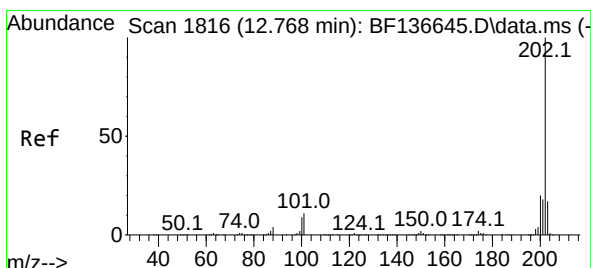
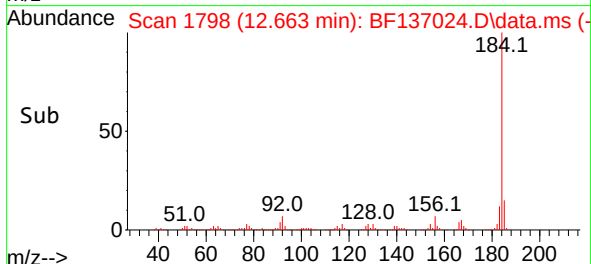
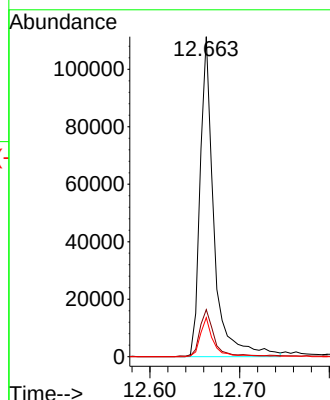
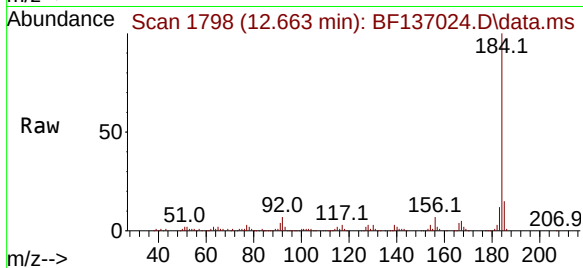
Tgt Ion:184 Resp: 118908

Ion Ratio Lower Upper

184 100

185 14.7 11.2 16.8

183 12.2 9.3 13.9



#78

Pyrene

Concen: 27.489 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

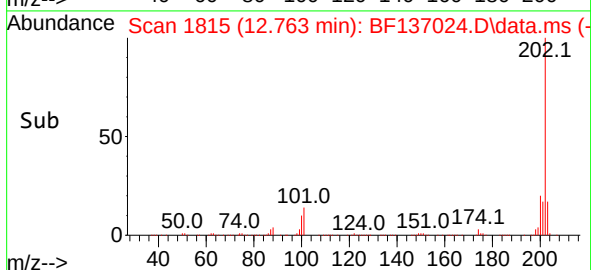
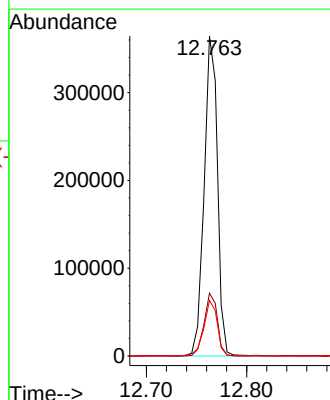
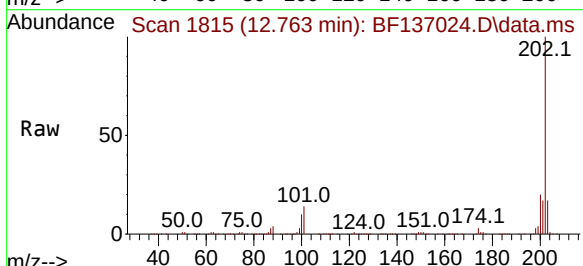
Tgt Ion:202 Resp: 337277

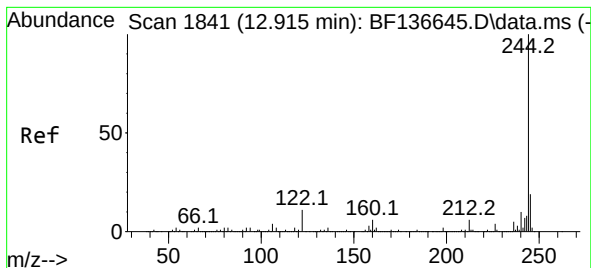
Ion Ratio Lower Upper

202 100

200 19.6 15.9 23.9

203 17.3 13.8 20.6





#79

Terphenyl-d14

Concen: 42.040 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.011 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

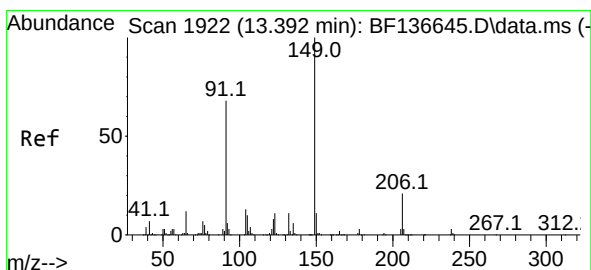
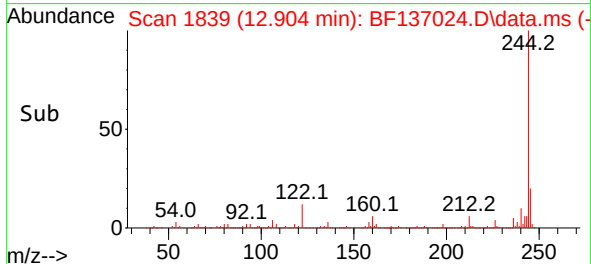
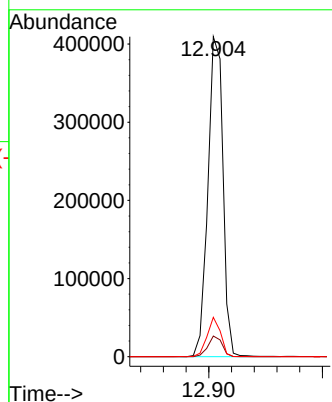
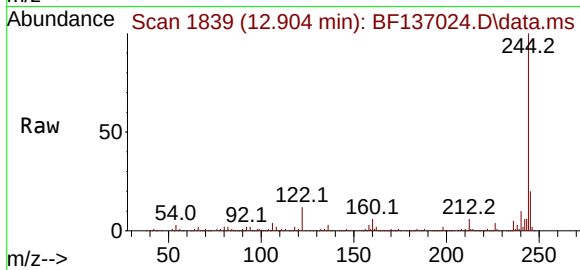
Tgt Ion:244 Resp: 375991

Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.4

122 12.3 9.0 13.4



#80

Butylbenzylphthalate

Concen: 31.484 ng

RT: 13.386 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

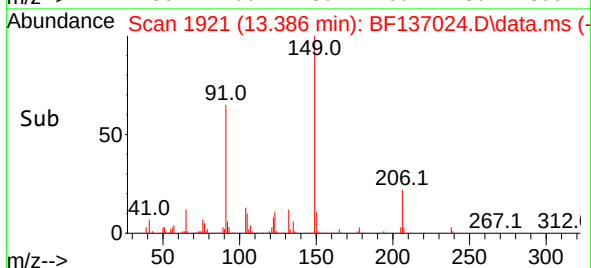
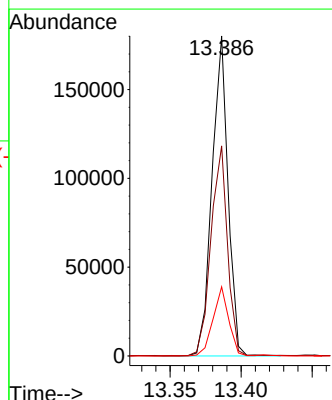
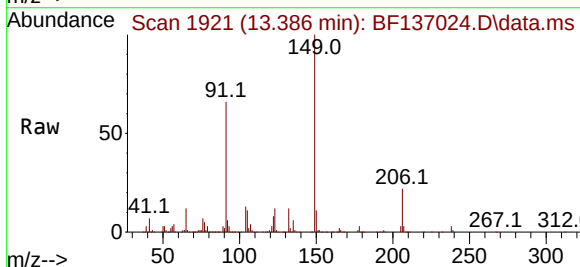
Tgt Ion:149 Resp: 140558

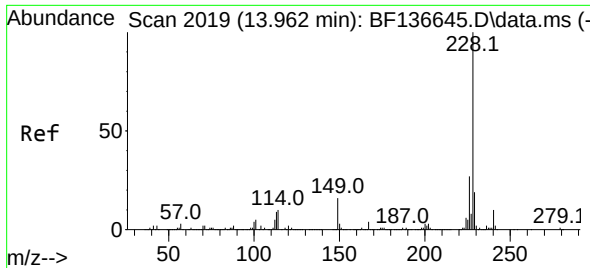
Ion Ratio Lower Upper

149 100

91 65.7 54.1 81.1

206 21.6 17.1 25.7

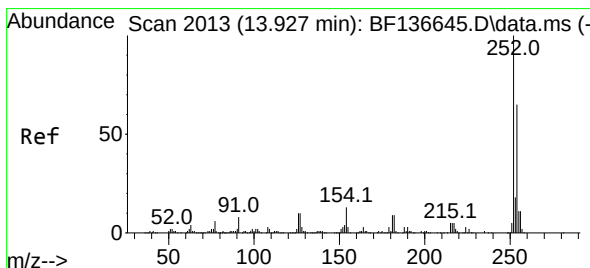
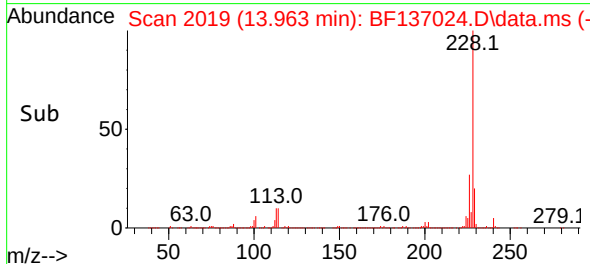
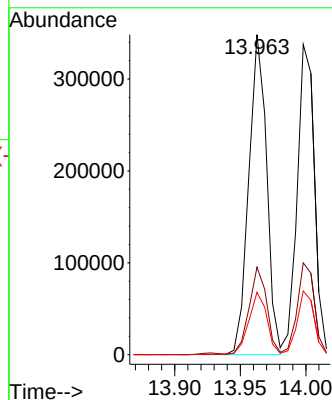
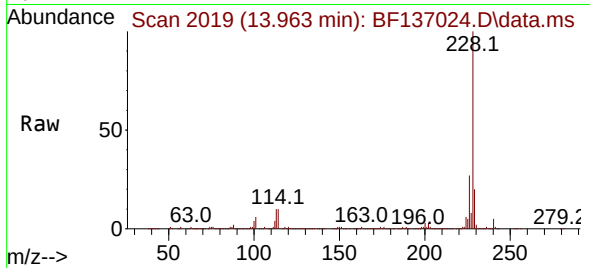




#81
Benzo(a)anthracene
Concen: 38.148 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

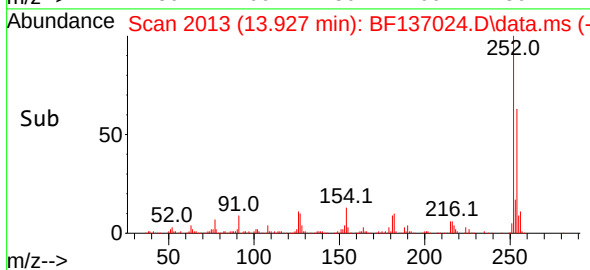
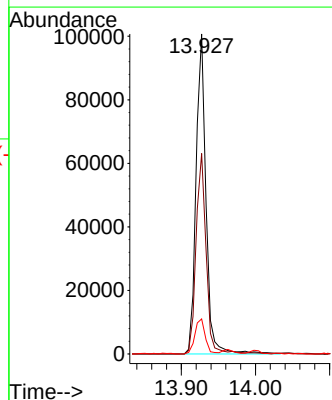
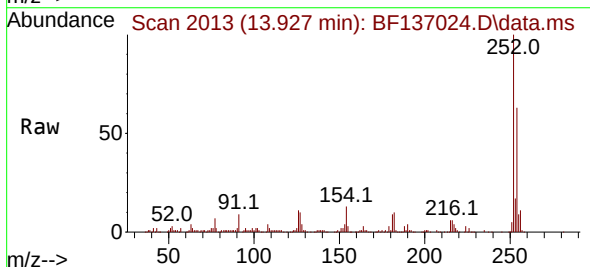
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

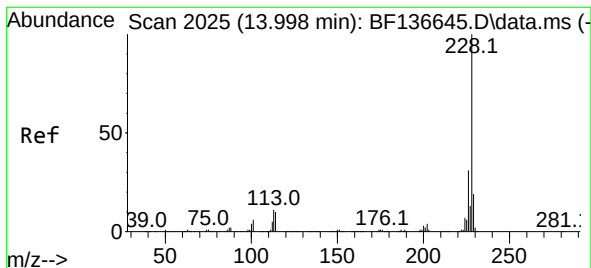
Tgt Ion:228 Resp: 331082
Ion Ratio Lower Upper
228 100
226 27.4 21.4 32.0
229 19.5 14.9 22.3



#82
3,3'-Dichlorobenzidine
Concen: 38.050 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF137024.D
Acq: 10 Jan 2024 17:24

Tgt Ion:252 Resp: 93783
Ion Ratio Lower Upper
252 100
254 62.7 52.2 78.4
126 11.0 8.0 12.0





#83

Chrysene

Concen: 36.435 ng

RT: 13.998 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

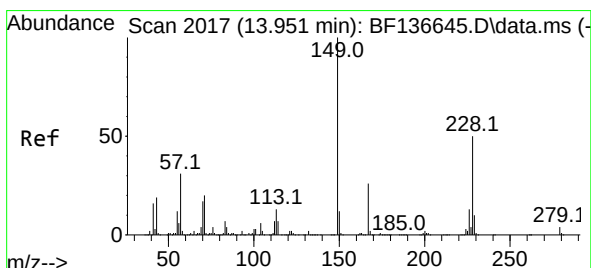
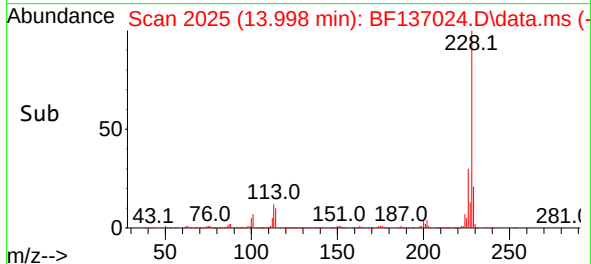
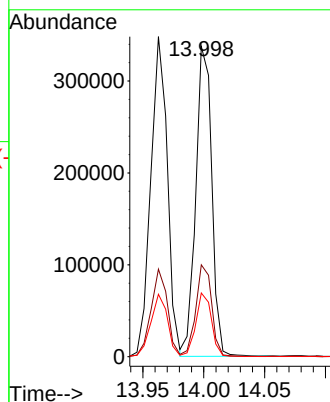
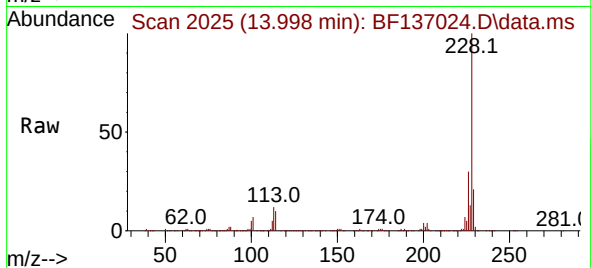
Tgt Ion:228 Resp: 309224

Ion Ratio Lower Upper

228 100

226 29.6 24.7 37.1

229 20.5 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.062 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

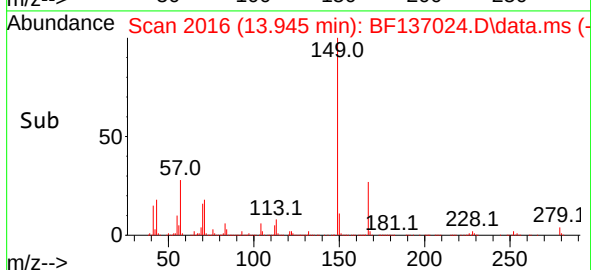
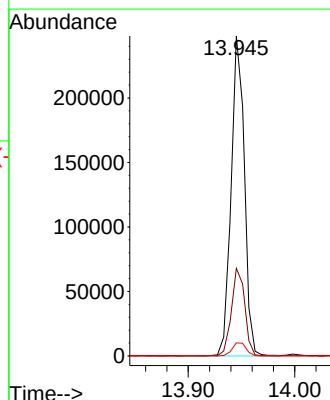
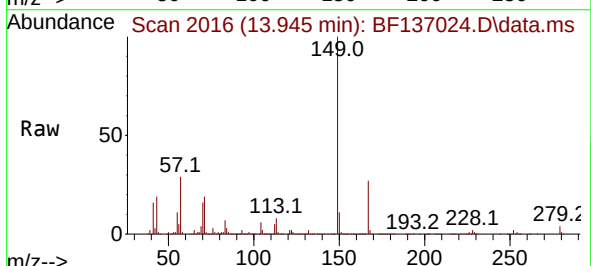
Tgt Ion:149 Resp: 213800

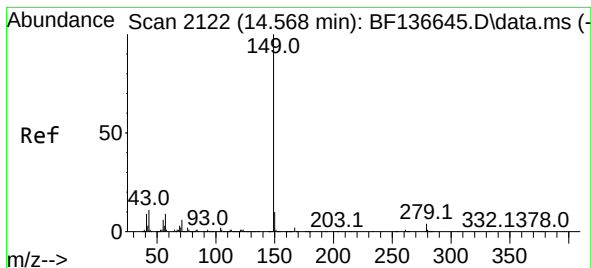
Ion Ratio Lower Upper

149 100

167 27.4 20.9 31.3

279 4.1 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 45.284 ng

RT: 14.563 min Scan# 2121

Delta R.T. -0.006 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

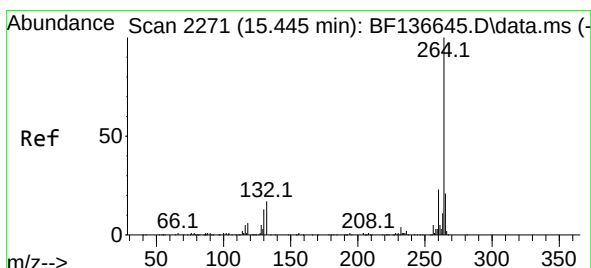
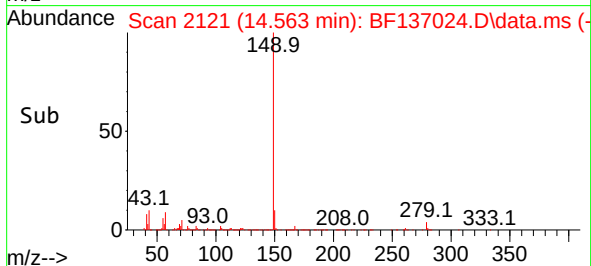
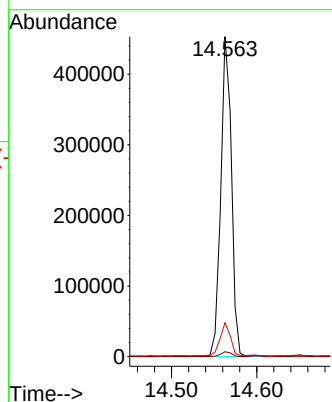
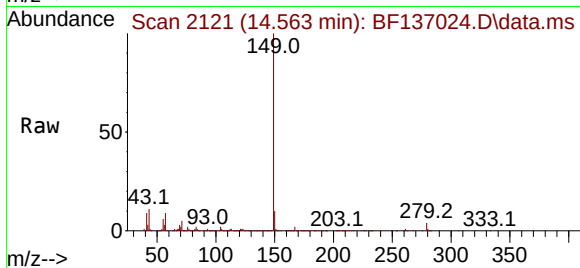
Tgt Ion:149 Resp: 393466

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.9 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2274

Delta R.T. 0.018 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

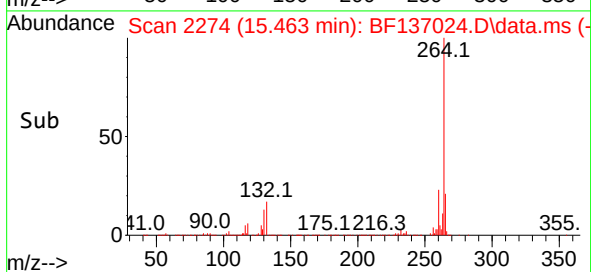
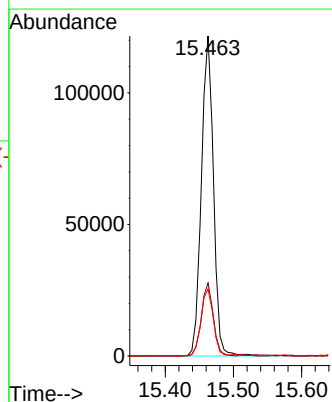
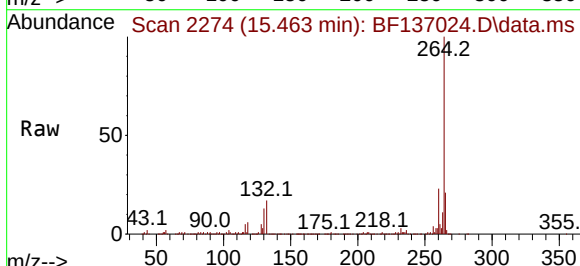
Tgt Ion:264 Resp: 149697

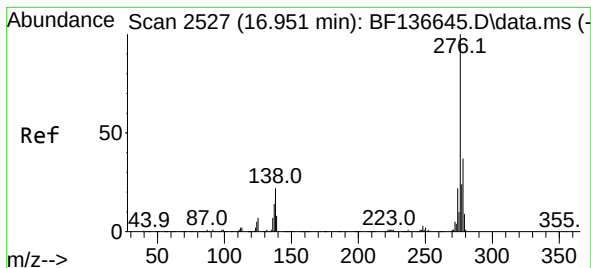
Ion Ratio Lower Upper

264 100

260 22.8 18.3 27.5

265 20.9 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 31.000 ng

RT: 16.986 min Scan# 21

Delta R.T. 0.036 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

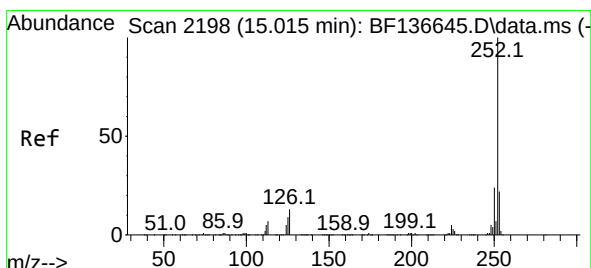
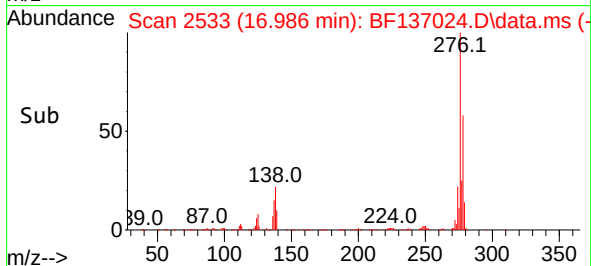
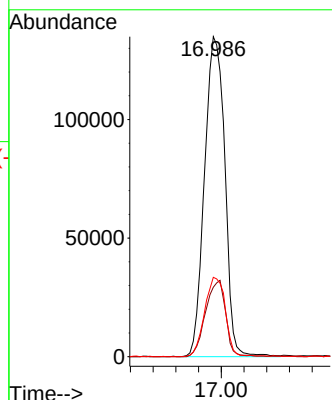
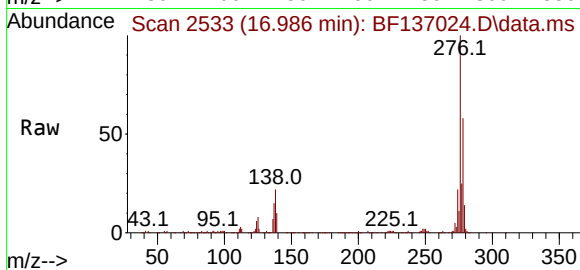
Tgt Ion:276 Resp: 335057

Ion Ratio Lower Upper

276 100

138 23.5 18.7 28.1

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 34.486 ng

RT: 15.027 min Scan# 2200

Delta R.T. 0.012 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

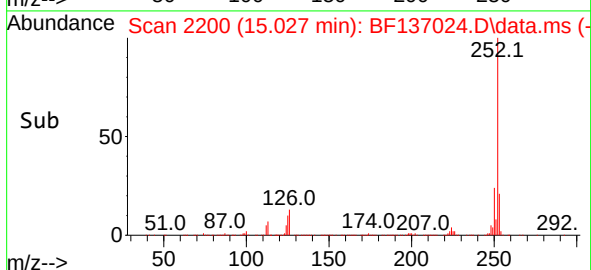
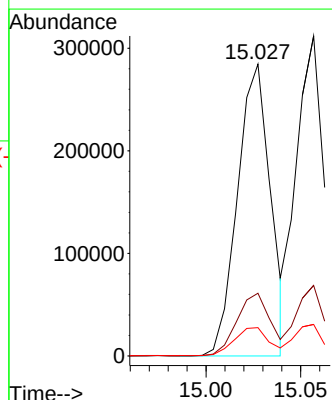
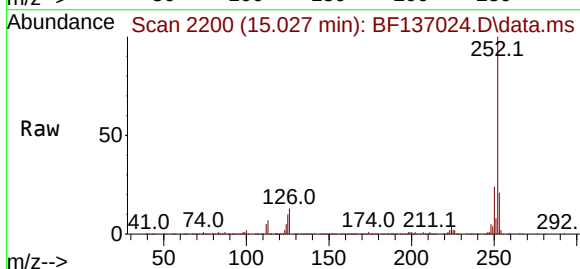
Tgt Ion:252 Resp: 344800

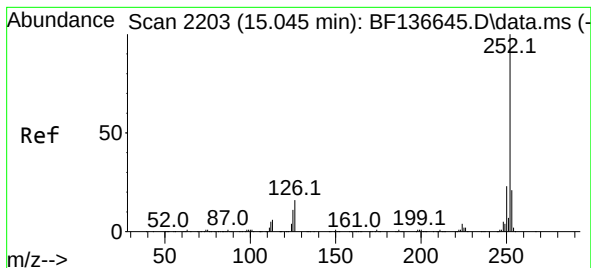
Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

125 9.7 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 33.742 ng

RT: 15.057 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

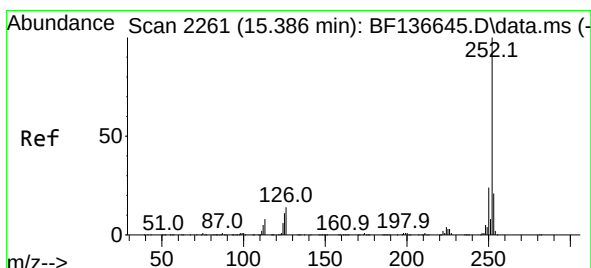
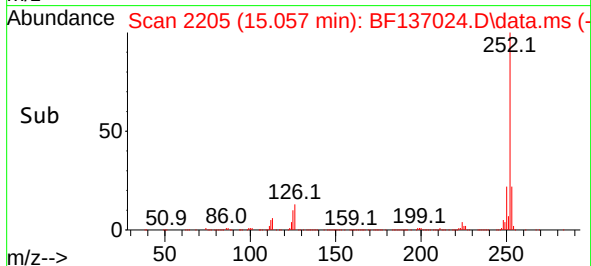
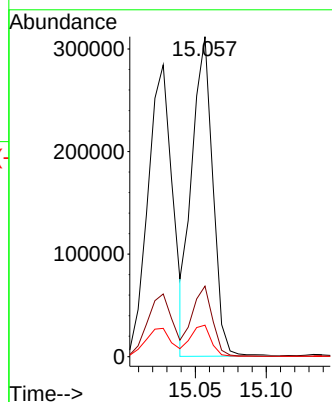
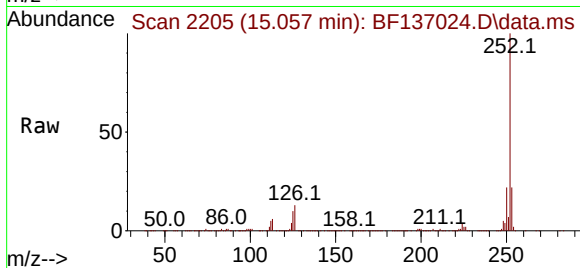
Tgt Ion:252 Resp: 318783

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

125 9.9 8.2 12.4



#90

Benzo(a)pyrene

Concen: 35.717 ng

RT: 15.398 min Scan# 2263

Delta R.T. 0.012 min

Lab File: BF137024.D

Acq: 10 Jan 2024 17:24

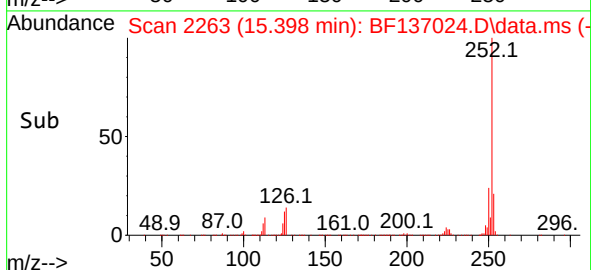
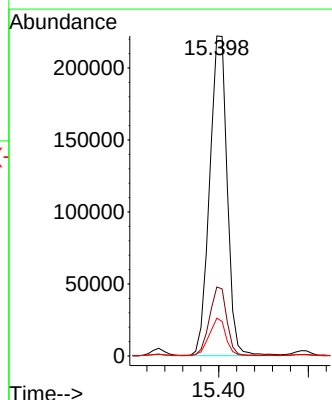
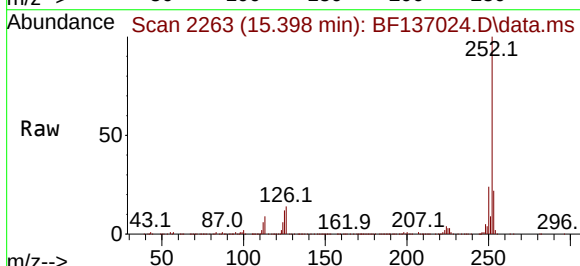
Tgt Ion:252 Resp: 301440

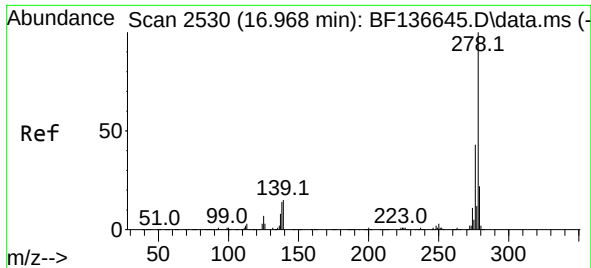
Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.6

125 11.8 8.8 13.2

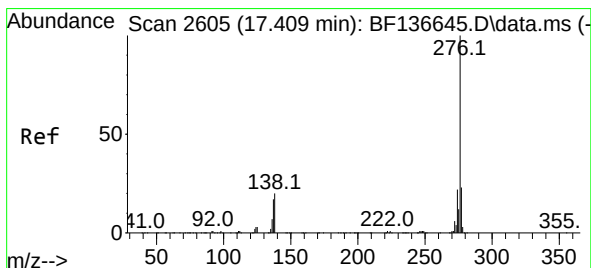
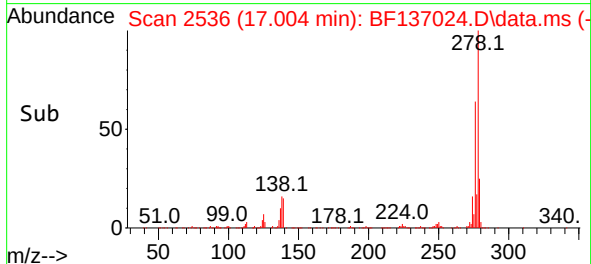
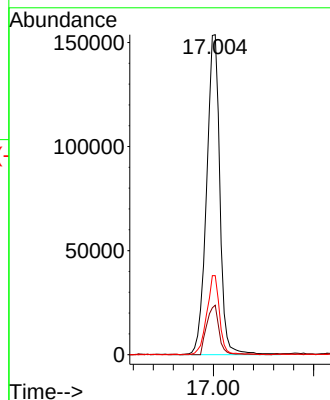
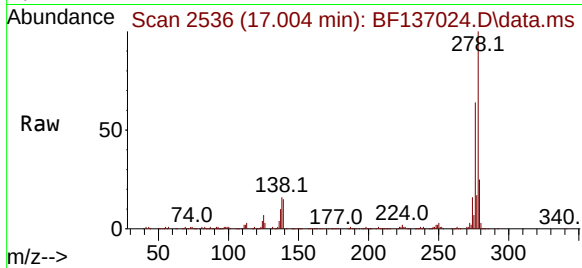




#91
 Dibenzo(a,h)anthracene
 Concen: 31.912 ng
 RT: 17.004 min Scan# 21
 Delta R.T. 0.036 min
 Lab File: BF137024.D
 Acq: 10 Jan 2024 17:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-4MSD

Tgt Ion:278 Resp: 282967
 Ion Ratio Lower Upper
 278 100
 139 15.4 12.2 18.4
 279 24.7 17.8 26.6



#92
 Benzo(g,h,i)perylene
 Concen: 27.020 ng
 RT: 17.451 min Scan# 2612
 Delta R.T. 0.041 min
 Lab File: BF137024.D
 Acq: 10 Jan 2024 17:24

Tgt Ion:276 Resp: 245389
 Ion Ratio Lower Upper
 276 100
 277 23.5 18.3 27.5
 138 19.8 15.6 23.4

