

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031824\
 Data File : BF137635.D
 Acq On : 18 Mar 2024 17:06
 Operator : CG\JU
 Sample : P1774-02MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP9MSD

Quant Time: Mar 18 17:37:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	128663	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	490083	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	262339	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	391970	20.000	ng	0.00
76) Chrysene-d12	13.880	240	274931	20.000	ng	0.00
86) Perylene-d12	15.298	264	286879	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	896058	105.478	ng	0.00
7) Phenol-d6	6.369	99	1219580	99.456	ng	0.00
23) Nitrobenzene-d5	7.292	82	730319	69.241	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	240384	104.343	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1212493	72.349	ng	0.00
79) Terphenyl-d14	12.827	244	1029877	51.511	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.369	88	164789	35.476	ng	97
3) Pyridine	3.081	79	370728	33.093	ng	96
4) n-Nitrosodimethylamine	3.034	42	162789	36.834	ng	# 99
6) Aniline	6.392	93	277225	18.502	ng	94
8) 2-Chlorophenol	6.510	128	377837	42.168	ng	98
9) Benzaldehyde	6.275	77	84691	14.097	ng	99
10) Phenol	6.381	94	529606	40.126	ng	97
11) bis(2-Chloroethyl)ether	6.463	93	388584	40.177	ng	99
12) 1,3-Dichlorobenzene	6.663	146	404364	42.233	ng	99
13) 1,4-Dichlorobenzene	6.745	146	410378	41.891	ng	100
14) 1,2-Dichlorobenzene	6.892	146	390695	43.451	ng	99
15) Benzyl Alcohol	6.875	79	332242	43.521	ng	98
16) 2,2'-oxybis(1-Chloropr...	6.998	45	604784	36.378	ng	92
17) 2-Methylphenol	6.987	107	310396	37.021	ng	99
18) Hexachloroethane	7.234	117	140169	43.454	ng	93
19) n-Nitroso-di-n-propyla...	7.139	70	283940	37.497	ng	98
20) 3+4-Methylphenols	7.139	107	373677	38.915	ng	# 83
22) Acetophenone	7.139	105	512036	43.182	ng	96
24) Nitrobenzene	7.310	77	433665	40.929	ng	99
25) Isophorone	7.551	82	801571	40.001	ng	97
26) 2-Nitrophenol	7.628	139	187210	44.504	ng	98
27) 2,4-Dimethylphenol	7.669	122	268650	34.179	ng	99
28) bis(2-Chloroethoxy)met...	7.763	93	480540	40.872	ng	99
29) 2,4-Dichlorophenol	7.869	162	316428	43.864	ng	99
30) 1,2,4-Trichlorobenzene	7.951	180	329249	43.371	ng	99
31) Naphthalene	8.028	128	1080923	41.108	ng	99
32) Benzoic acid	7.798	122	172068	39.324	ng	98
33) 4-Chloroaniline	8.086	127	101947	9.887	ng	99
34) Hexachlorobutadiene	8.145	225	190008	42.395	ng	99
35) Caprolactam	8.445	113	118340	48.379	ng	91
36) 4-Chloro-3-methylphenol	8.575	107	331934	41.165	ng	97
37) 2-Methylnaphthalene	8.722	142	662585	39.527	ng	100
38) 1-Methylnaphthalene	8.822	142	614995	38.958	ng	100
40) 1,2,4,5-Tetrachloroben...	8.886	216	319831	43.670	ng	100
41) Hexachlorocyclopentadiene	8.869	237	148034	52.668	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	209480	43.922	ng	98

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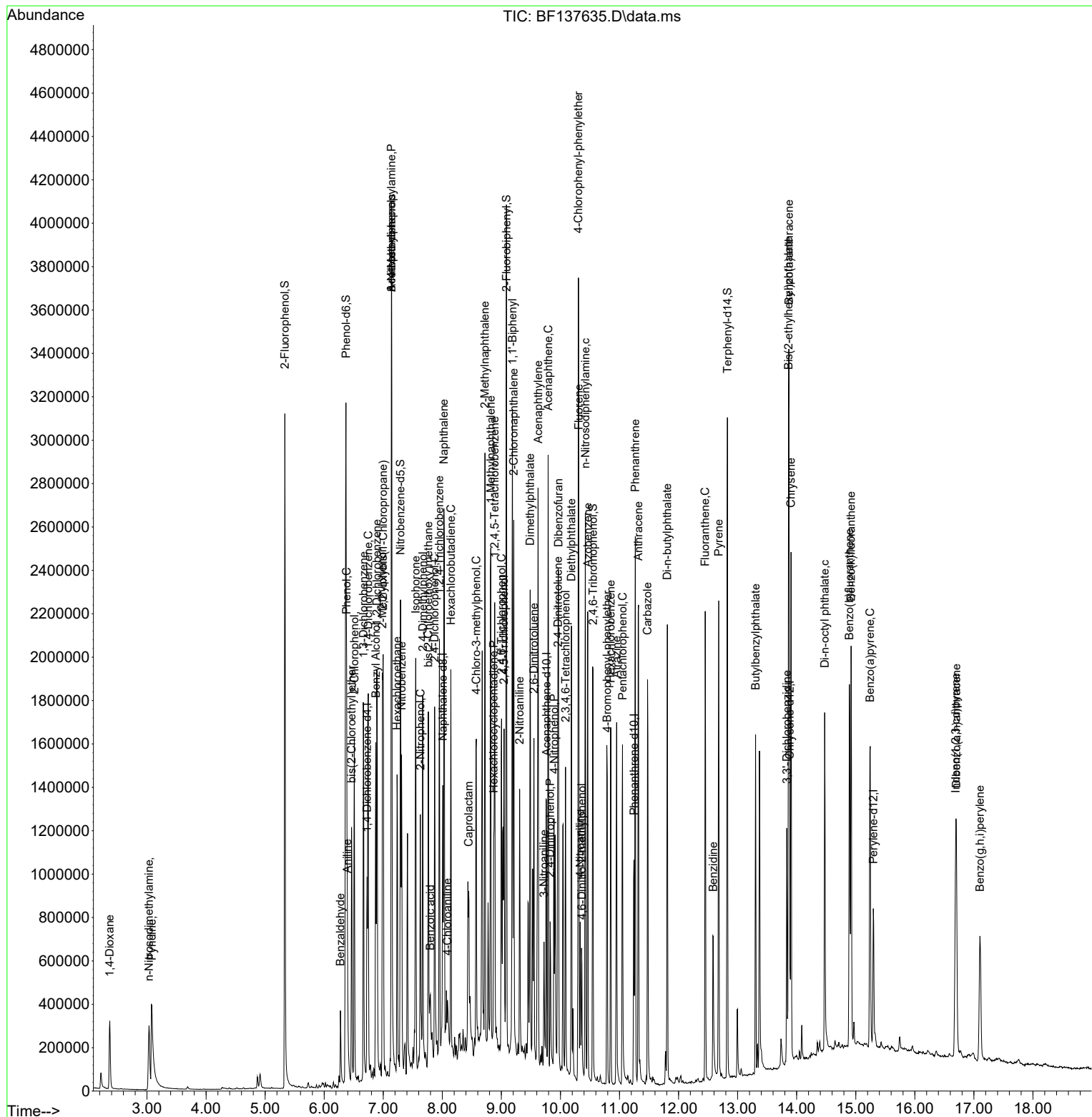
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	212771	38.728	ng	98
46) 1,1'-Biphenyl	9.186	154	821935	42.807	ng	99
47) 2-Chloronaphthalene	9.210	162	633324	43.262	ng	99
48) 2-Nitroaniline	9.310	65	213832	42.975	ng	97
49) Acenaphthylene	9.622	152	1009768	43.102	ng	100
50) Dimethylphthalate	9.486	163	758919	41.558	ng	99
51) 2,6-Dinitrotoluene	9.551	165	165903	43.434	ng	91
52) Acenaphthene	9.792	154	567923	40.605	ng	99
53) 3-Nitroaniline	9.722	138	101139	25.033	ng	92
54) 2,4-Dinitrophenol	9.828	184	96271	54.587	ng	94
55) Dibenzofuran	9.969	168	875342	41.091	ng	97
56) 4-Nitrophenol	9.892	139	210506	73.617	ng	93
57) 2,4-Dinitrotoluene	9.957	165	205886	43.873	ng	96
58) Fluorene	10.310	166	651196	39.804	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.086	232	178896	40.605	ng	97
60) Diethylphthalate	10.186	149	710173	41.181	ng	100
61) 4-Chlorophenyl-phenyle...	10.304	204	321911	40.149	ng	94
62) 4-Nitroaniline	10.333	138	115305	33.205	ng	93
63) Azobenzene	10.463	77	760041	38.275	ng	98
65) 4,6-Dinitro-2-methylph...	10.363	198	82011	37.540	ng	83
66) n-Nitrosodiphenylamine	10.422	169	581118	46.040	ng	99
67) 4-Bromophenyl-phenylether	10.792	248	195952	45.898	ng	97
68) Hexachlorobenzene	10.851	284	202267	46.908	ng	96
69) Atrazine	10.951	200	178447	46.507	ng	99
70) Pentachlorophenol	11.051	266	197707	75.846	ng	98
71) Phenanthrene	11.269	178	886560	41.560	ng	99
72) Anthracene	11.322	178	911257	41.593	ng	99
73) Carbazole	11.474	167	783347	41.742	ng	99
74) Di-n-butylphthalate	11.810	149	975328	43.682	ng	100
75) Fluoranthene	12.451	202	815224	39.097	ng	99
77) Benzidine	12.586	184	372413	55.351	ng	97
78) Pyrene	12.680	202	842378	31.226	ng	100
80) Butylbenzylphthalate	13.304	149	307953	44.699	ng	100
81) Benzo(a)anthracene	13.868	228	785751	40.777	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	241292	47.022	ng	98
83) Chrysene	13.904	228	801112	41.134	ng	99
84) Bis(2-ethylhexyl)phtha...	13.863	149	430104	49.117	ng	98
85) Di-n-octyl phthalate	14.474	149	816053	48.312	ng	97
87) Indeno(1,2,3-cd)pyrene	16.692	276	601759	31.875	ng	97
88) Benzo(b)fluoranthene	14.892	252	802312	47.278	ng	99
89) Benzo(k)fluoranthene	14.921	252	736257	40.393	ng	99
90) Benzo(a)pyrene	15.245	252	694823	41.549	ng	98
91) Dibenzo(a,h)anthracene	16.704	278	490667	32.039	ng	98
92) Benzo(g,h,i)perylene	17.104	276	442986	28.166	ng	100

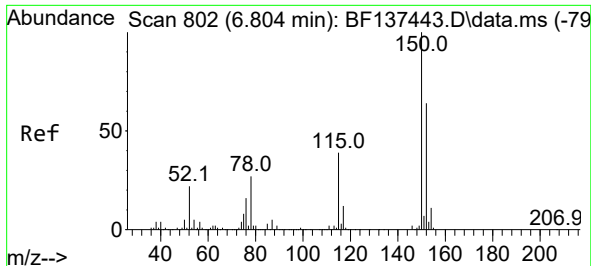
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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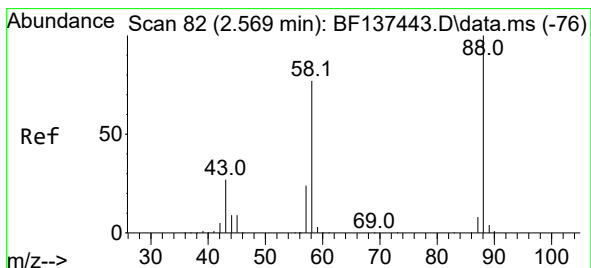
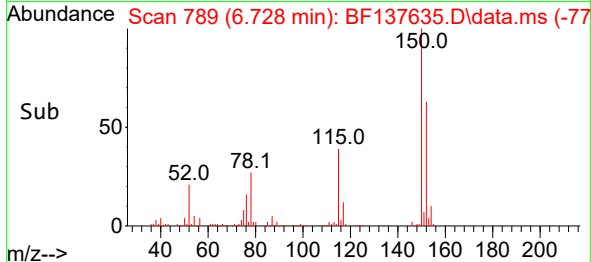
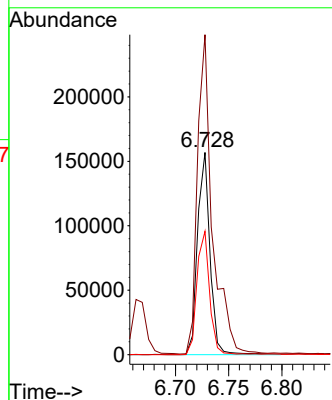
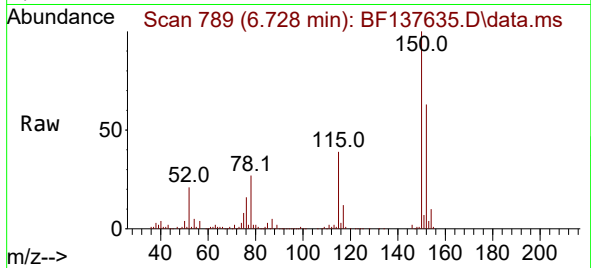




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF137635.D
 Acq: 18 Mar 2024 17:06

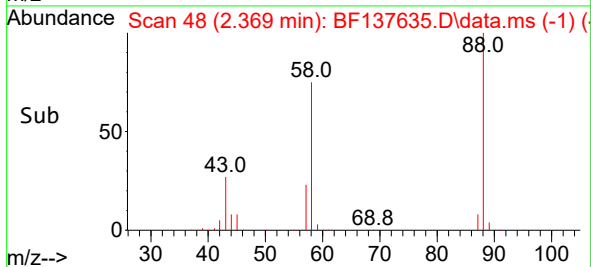
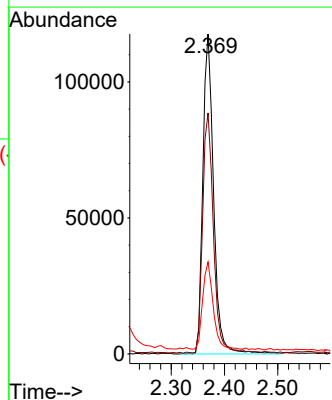
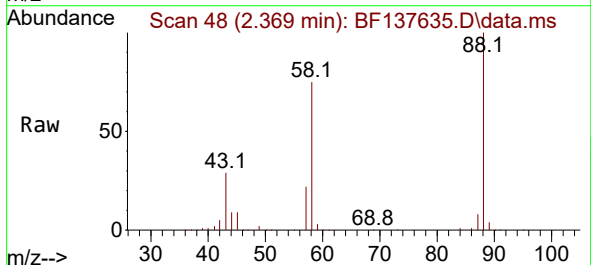
Instrument :
 BNA_F
 ClientSampleId :
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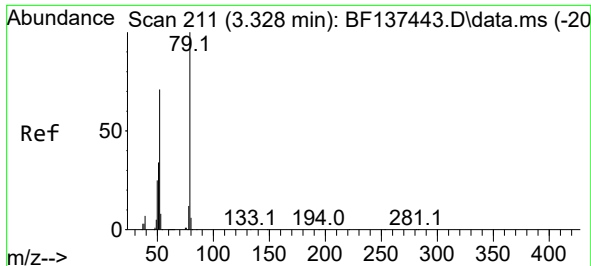
Tgt Ion:152 Resp: 128663
 Ion Ratio Lower Upper
 152 100
 150 158.2 125.8 188.6
 115 61.0 48.8 73.2



#2
 1,4-Dioxane
 Concen: 35.476 ng
 RT: 2.369 min Scan# 48
 Delta R.T. -0.000 min
 Lab File: BF137635.D
 Acq: 18 Mar 2024 17:06

Tgt Ion: 88 Resp: 164789
 Ion Ratio Lower Upper
 88 100
 58 74.4 61.8 92.8
 43 26.4 22.2 33.4

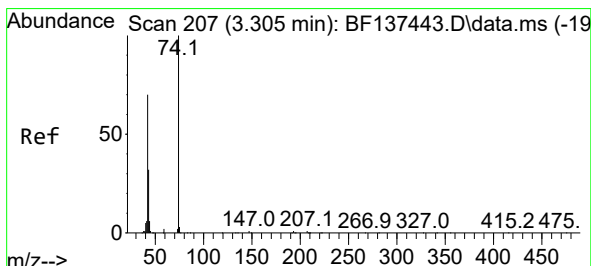
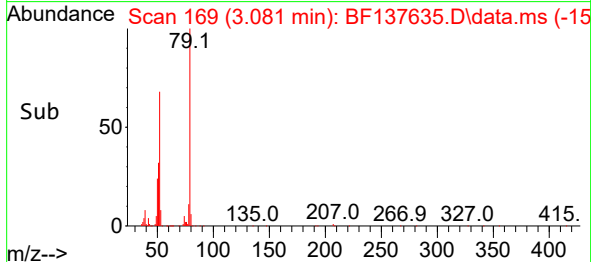
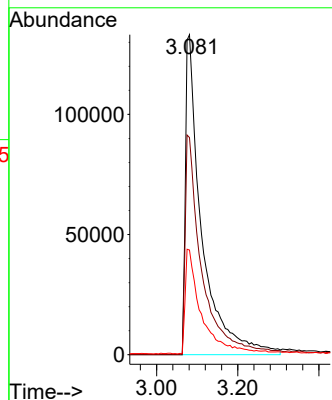
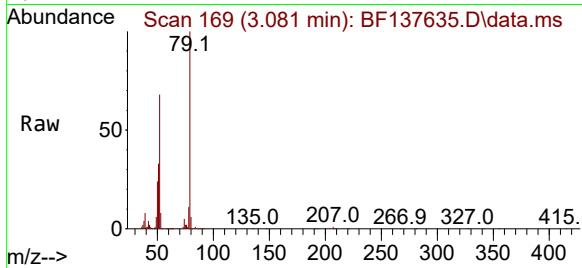




#3
Pyridine
Concen: 33.093 ng
RT: 3.081 min Scan# 10
Delta R.T. 0.012 min
Lab File: BF137635.D
Acq: 18 Mar 2024 17:06

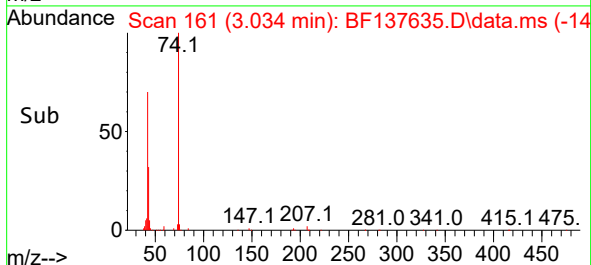
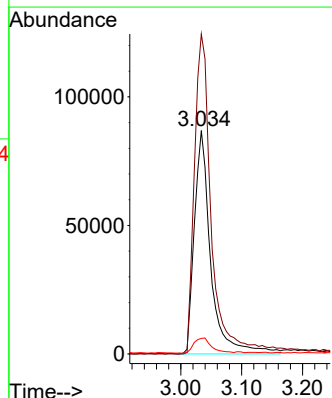
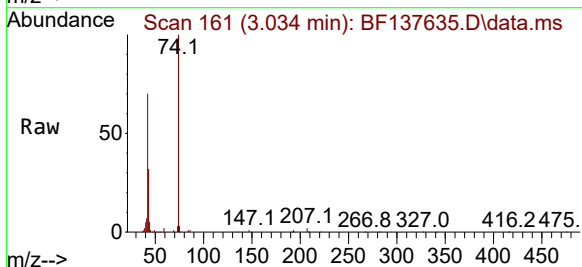
Instrument :
BNA_F
ClientSampleId :
TP9MSD

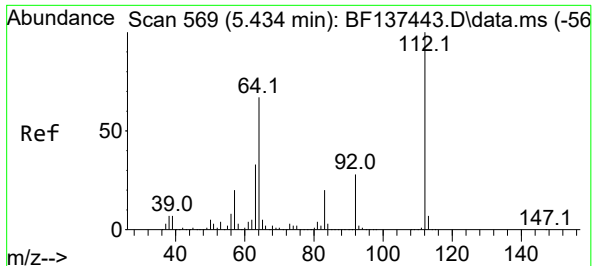
Tgt Ion: 79 Resp: 370728
Ion Ratio Lower Upper
79 100
52 67.9 57.0 85.4
51 32.7 27.5 41.3



#4
n-Nitrosodimethylamine
Concen: 36.834 ng
RT: 3.034 min Scan# 161
Delta R.T. -0.006 min
Lab File: BF137635.D
Acq: 18 Mar 2024 17:06

Tgt Ion: 42 Resp: 162789
Ion Ratio Lower Upper
42 100
74 143.3 114.0 171.0
44 7.0 7.0 10.4#

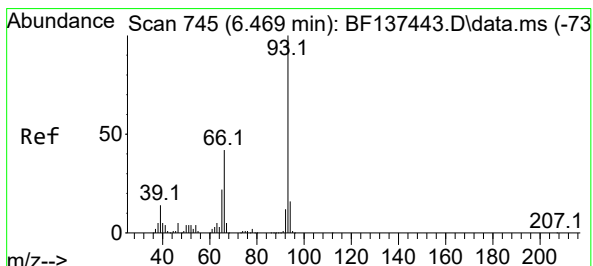
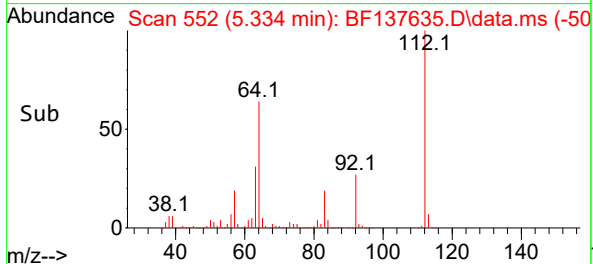
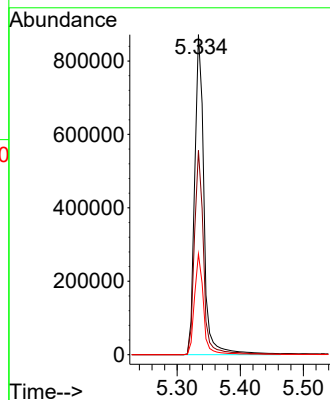
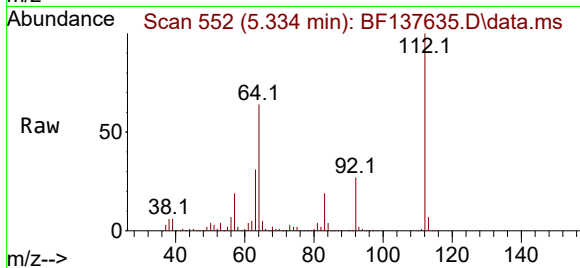




#5
2-Fluorophenol
Concen: 105.478 ng
RT: 5.334 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF137635.D
Acq: 18 Mar 2024 17:06

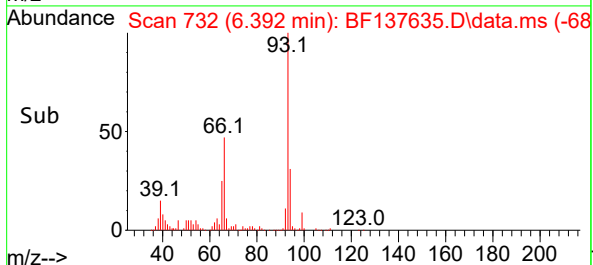
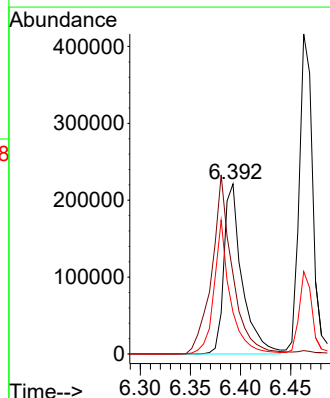
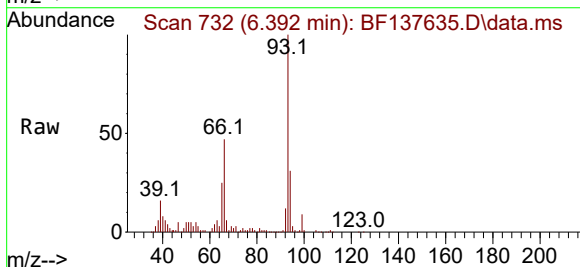
Instrument :
BNA_F
ClientSampleId :
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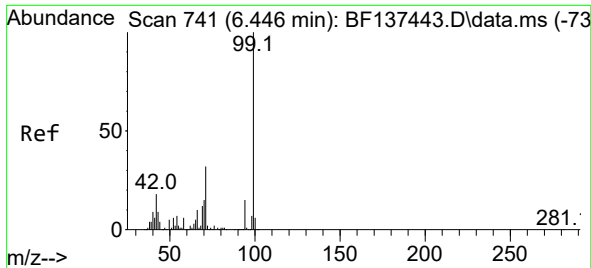
Tgt Ion:112 Resp: 896058
Ion Ratio Lower Upper
112 100
64 63.8 53.4 80.2
63 31.4 26.2 39.2



#6
Aniline
Concen: 18.502 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.000 min
Lab File: BF137635.D
Acq: 18 Mar 2024 17:06

Tgt Ion: 93 Resp: 277225
Ion Ratio Lower Upper
93 100
66 47.1 34.0 51.0
65 24.5 17.8 26.8





#7

Phenol-d6

Concen: 99.456 ng

RT: 6.369 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF137635.D

Acq: 18 Mar 2024 17:06

Instrument :

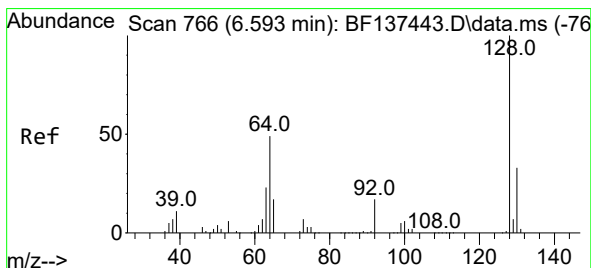
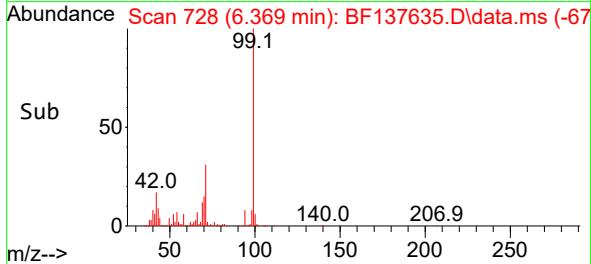
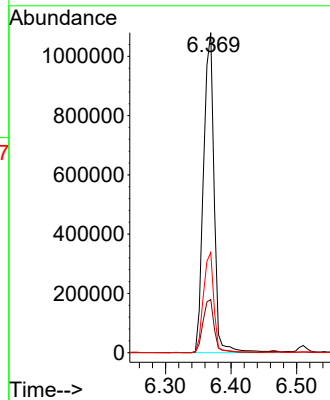
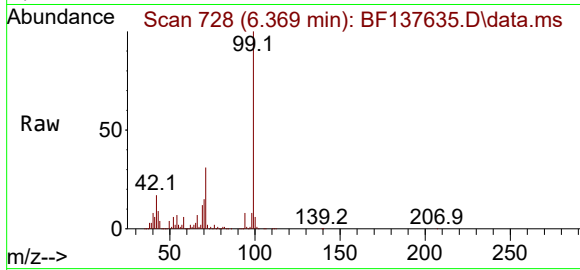
BNA_F

ClientSampleId :

TP9MSD

Tgt Ion: 99 Resp: 1219580

Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.6	21.8
71	31.3	25.3	37.9



#8

2-Chlorophenol

Concen: 42.168 ng

RT: 6.510 min Scan# 752

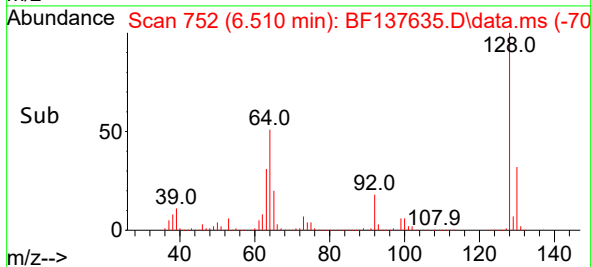
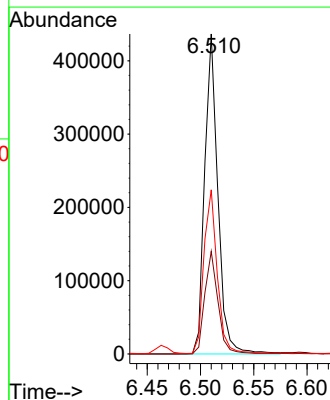
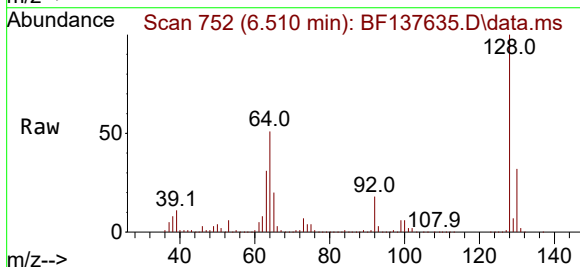
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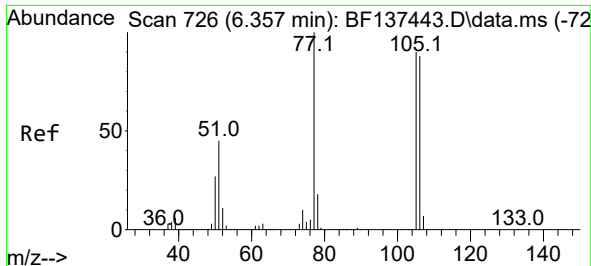
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Tgt Ion:128 Resp: 377837

Ion	Ratio	Lower	Upper
128	100		
130	32.1	13.4	53.4
64	51.3	30.0	70.0

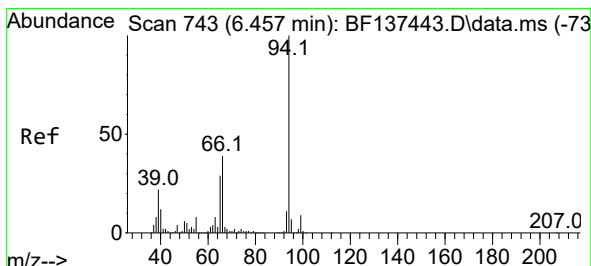
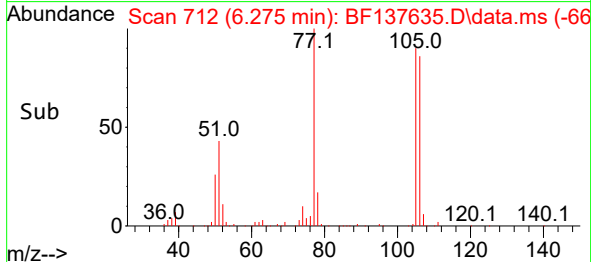
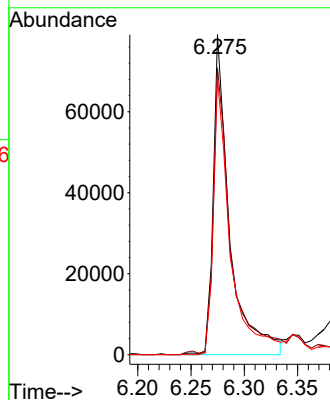
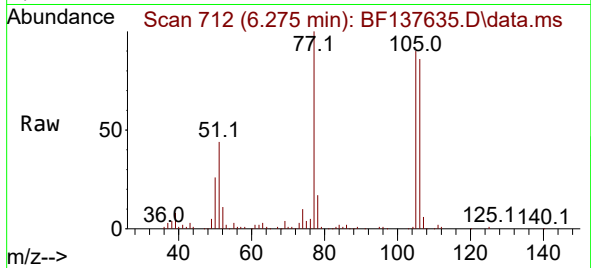




#9
Benzaldehyde
Concen: 14.097 ng
RT: 6.275 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137635.D
Acq: 18 Mar 2024 17:06

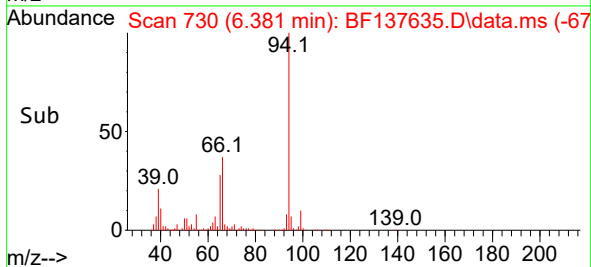
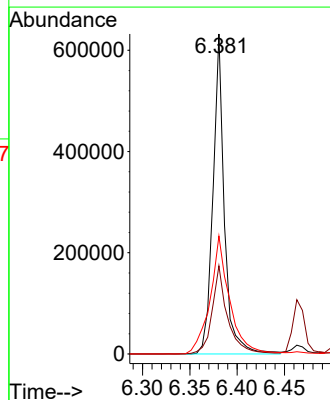
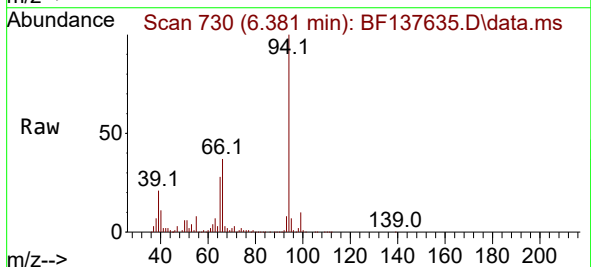
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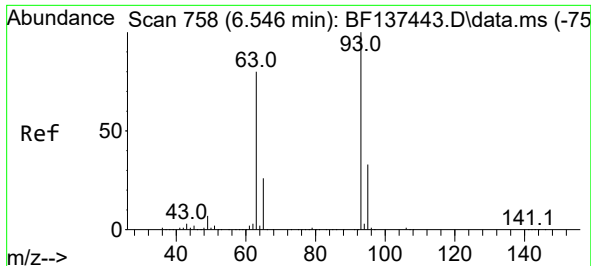
Tgt Ion: 77 Resp: 84691
Ion Ratio Lower Upper
77 100
105 89.6 69.8 109.8
106 86.4 67.8 107.8



#10
Phenol
Concen: 40.126 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.000 min
Lab File: BF137635.D
Acq: 18 Mar 2024 17:06

Tgt Ion: 94 Resp: 529606
Ion Ratio Lower Upper
94 100
65 27.6 8.7 48.7
66 36.8 18.6 58.6





#11

bis(2-Chloroethyl)ether

Concen: 40.177 ng

RT: 6.463 min Scan# 744

Delta R.T. -0.006 min

Lab File: BF137635.D

Acq: 18 Mar 2024 17:06

Instrument :

BNA_F

ClientSampleId :

TP9MSD

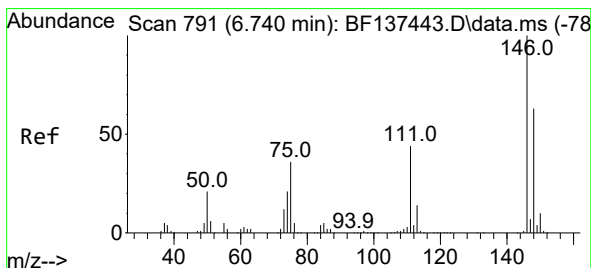
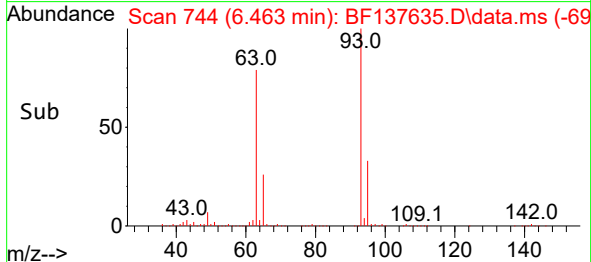
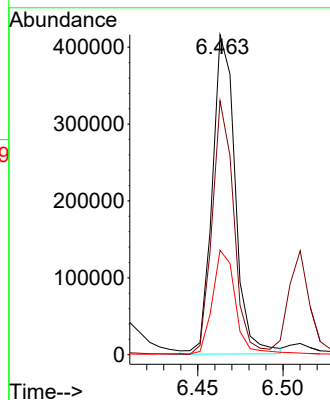
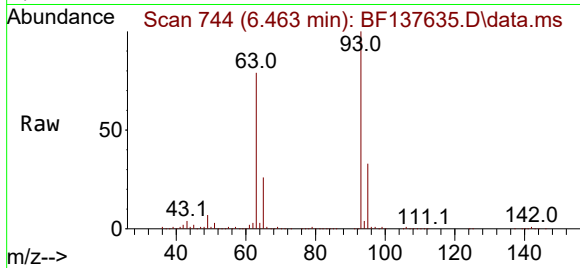
Tgt Ion: 93 Resp: 388584

Ion Ratio Lower Upper

93 100

63 79.4 58.9 98.9

95 32.6 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 42.233 ng

RT: 6.663 min Scan# 778

Delta R.T. -0.006 min

Lab File: BF137635.D

Acq: 18 Mar 2024 17:06

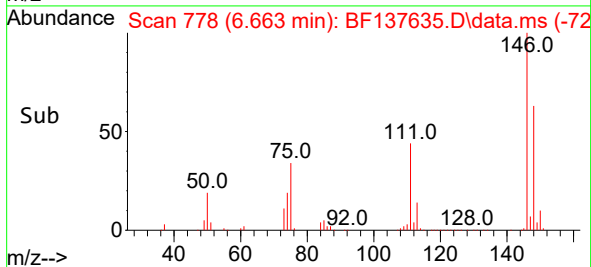
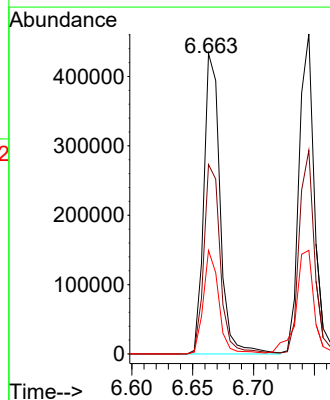
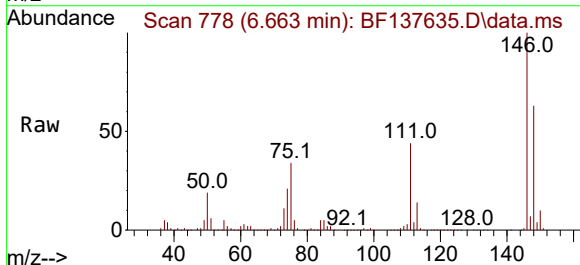
Tgt Ion:146 Resp: 404364

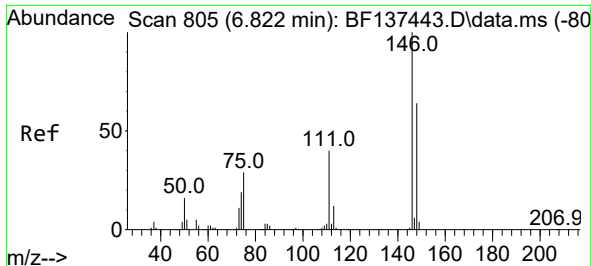
Ion Ratio Lower Upper

146 100

148 63.0 50.3 75.5

75 34.5 29.0 43.4





#13

1,4-Dichlorobenzene

Concen: 41.891 ng

RT: 6.745 min Scan# 74

Delta R.T. -0.000 min

Lab File: BF137635.D

Acq: 18 Mar 2024 17:06

Instrument :

BNA_F

ClientSampleId :

TP9MSD

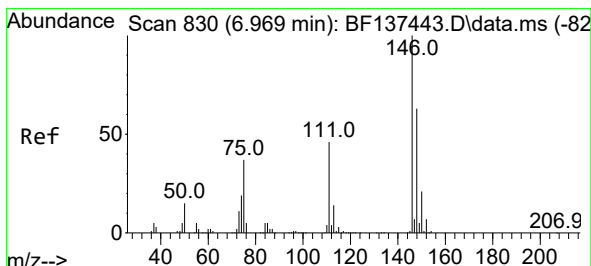
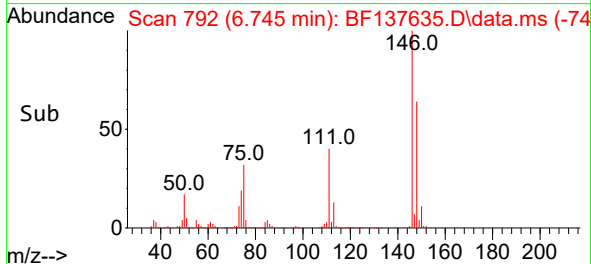
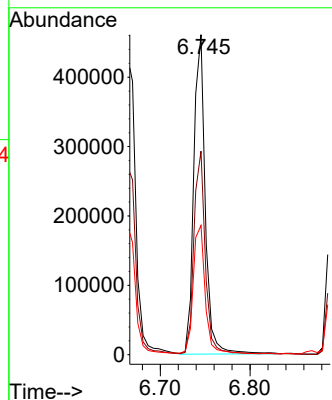
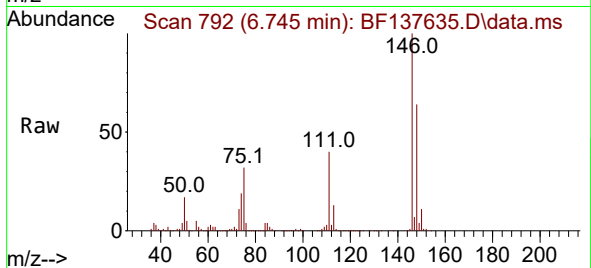
Tgt Ion:146 Resp: 410378

Ion Ratio Lower Upper

146 100

148 63.6 51.2 76.8

111 40.4 32.4 48.6



#14

1,2-Dichlorobenzene

Concen: 43.451 ng

RT: 6.892 min Scan# 817

Delta R.T. -0.006 min

Lab File: BF137635.D

Acq: 18 Mar 2024 17:06

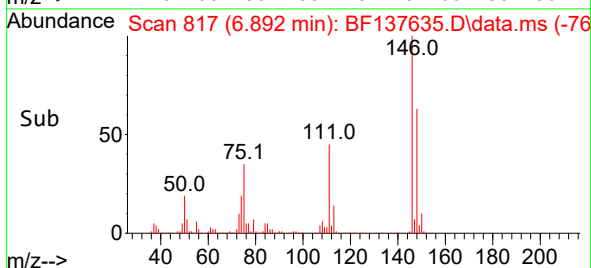
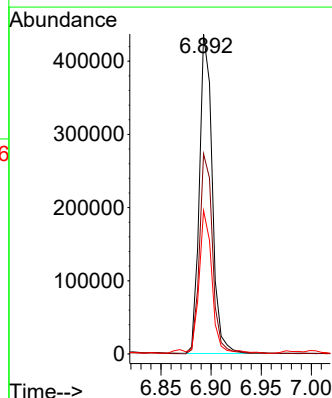
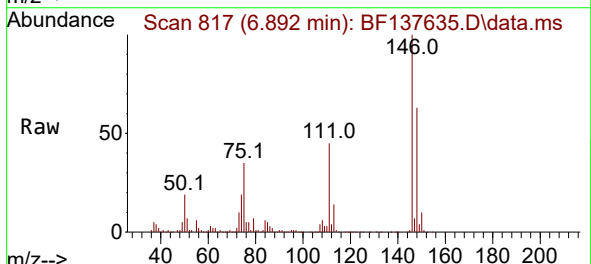
Tgt Ion:146 Resp: 390695

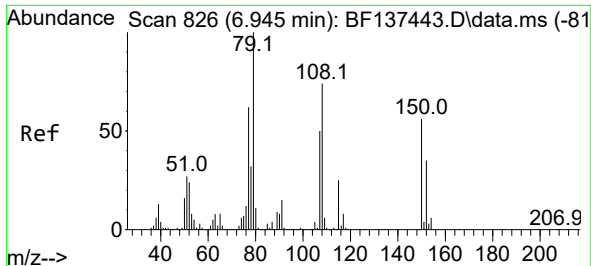
Ion Ratio Lower Upper

146 100

148 62.5 50.0 75.0

111 44.8 36.8 55.2

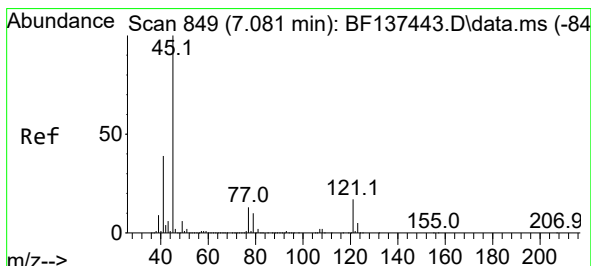
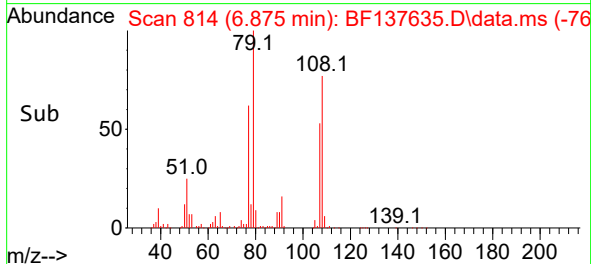
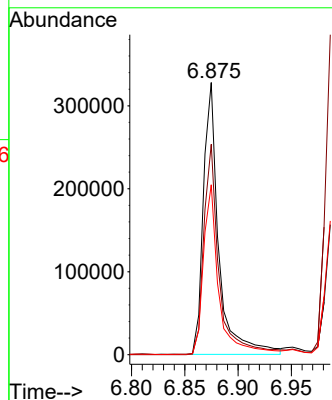
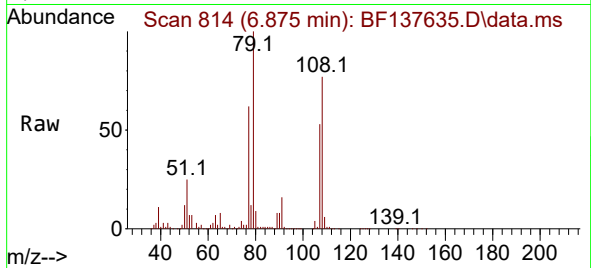




#15
Benzyl Alcohol
Concen: 43.521 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF137635.D
Acq: 18 Mar 2024 17:06

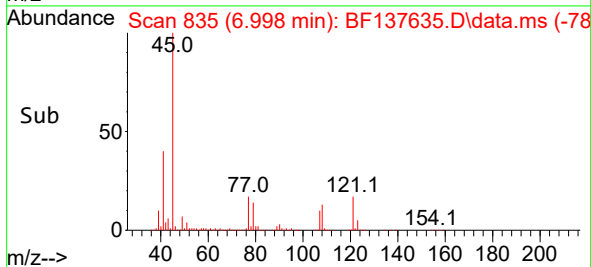
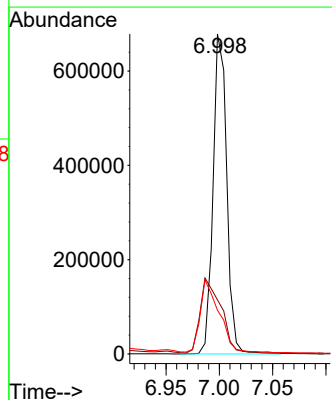
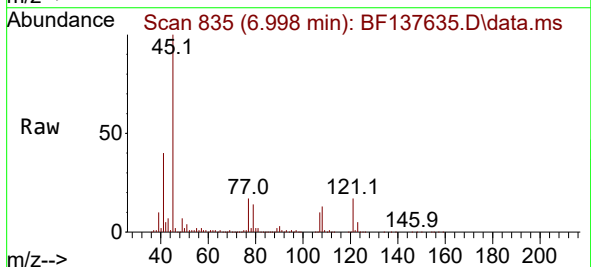
Instrument :
BNA_F
ClientSampleId :
TP9MSD

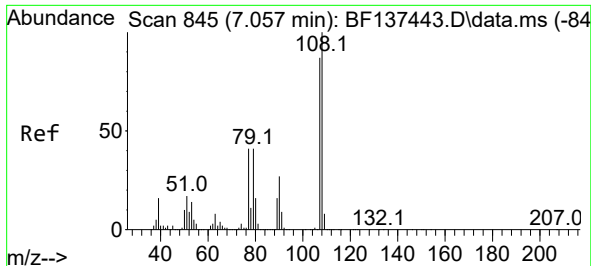
Tgt Ion: 79 Resp: 332242
Ion Ratio Lower Upper
79 100
108 77.3 59.5 89.3
77 62.4 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.378 ng
RT: 6.998 min Scan# 835
Delta R.T. -0.006 min
Lab File: BF137635.D
Acq: 18 Mar 2024 17:06

Tgt Ion: 45 Resp: 604784
Ion Ratio Lower Upper
45 100
77 16.9 0.0 33.4
79 13.6 0.0 30.9

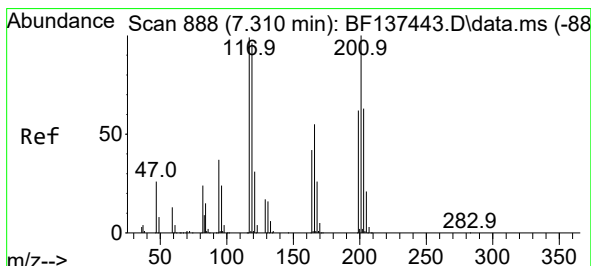
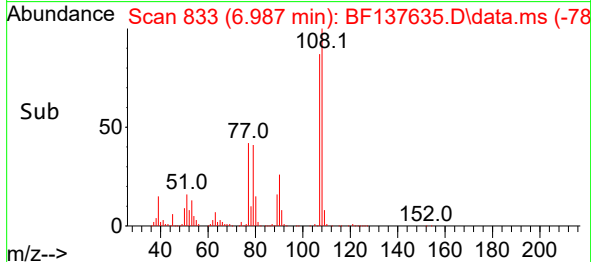
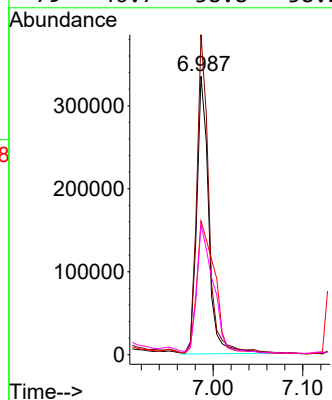
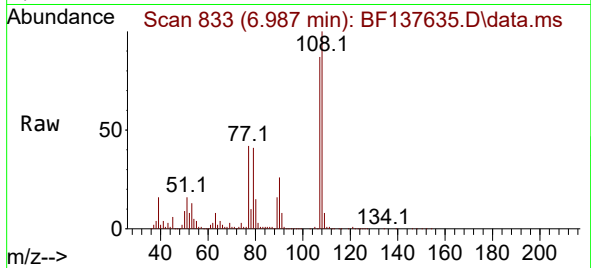




#17
2-Methylphenol
Concen: 37.021 ng
RT: 6.987 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF137635.D
Acq: 18 Mar 2024 17:06

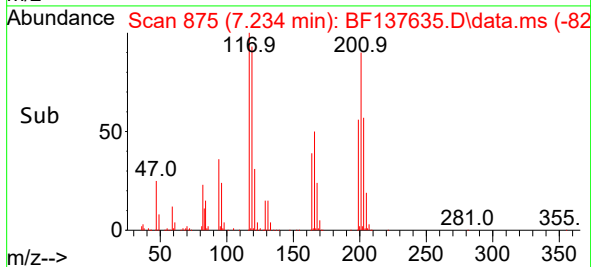
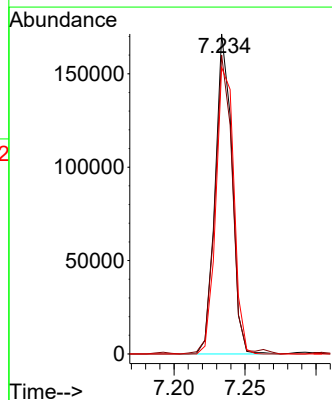
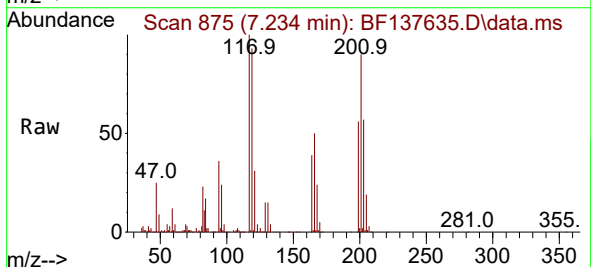
Instrument :
BNA_F
ClientSampleId :
TP9MSD

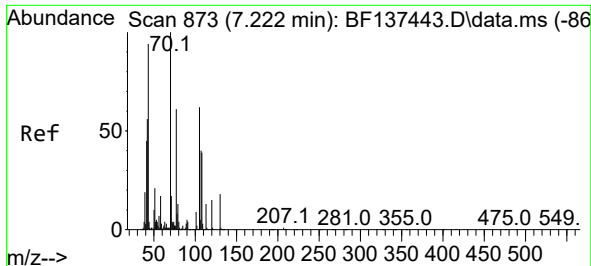
Tgt Ion:107 Resp: 310396
Ion Ratio Lower Upper
107 100
108 114.9 92.2 138.4
77 48.0 38.6 57.8
79 46.7 38.8 58.2



#18
Hexachloroethane
Concen: 43.454 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF137635.D
Acq: 18 Mar 2024 17:06

Tgt Ion:117 Resp: 140169
Ion Ratio Lower Upper
117 100
119 93.4 77.5 116.3
201 89.5 80.6 121.0



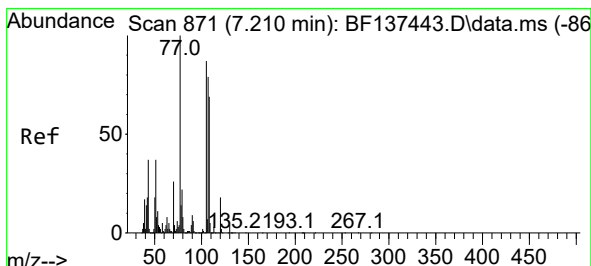
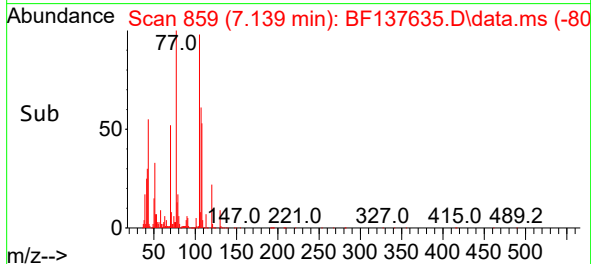
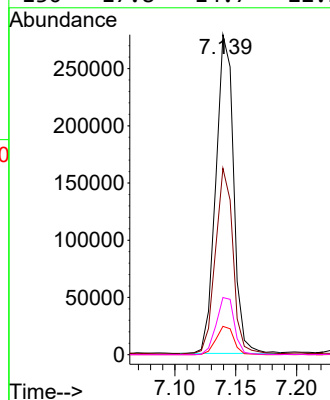
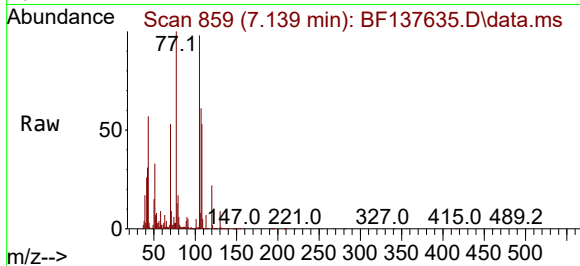


#19
n-Nitroso-di-n-propylamine
Concen: 37.497 ng
RT: 7.139 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137635.D
Acq: 18 Mar 2024 17:06

Instrument :
BNA_F
ClientSampleId :
TP9MSD

Tgt Ion: 70 Resp: 283940

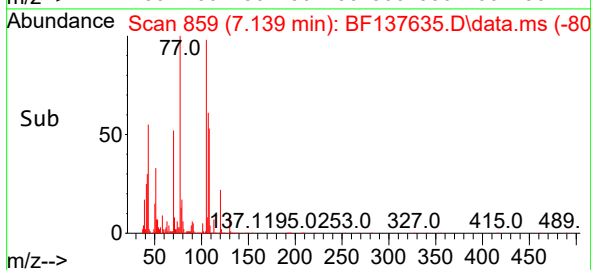
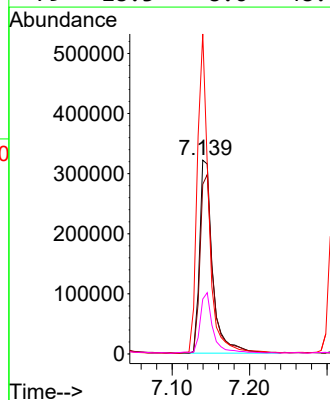
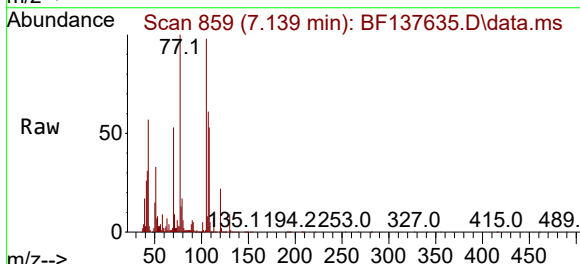
Ion	Ratio	Lower	Upper
70	100		
42	58.2	45.2	67.8
101	8.9	7.3	10.9
130	17.8	14.7	22.1

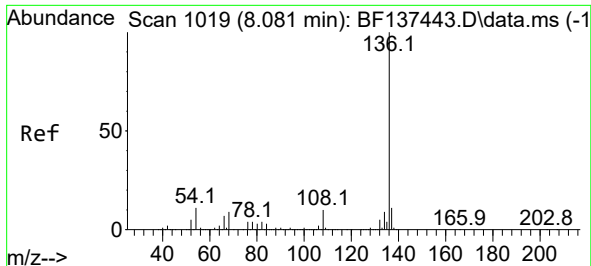


#20
3+4-Methylphenols
Concen: 38.915 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF137635.D
Acq: 18 Mar 2024 17:06

Tgt Ion: 107 Resp: 373677

Ion	Ratio	Lower	Upper
107	100		
108	87.5	67.6	107.6
77	165.1	107.1	147.1#
79	28.3	8.6	48.6

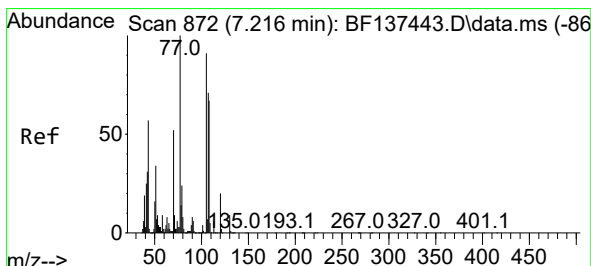
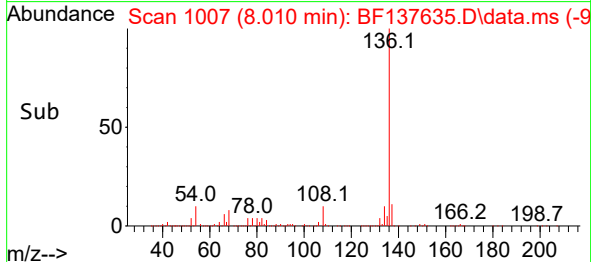
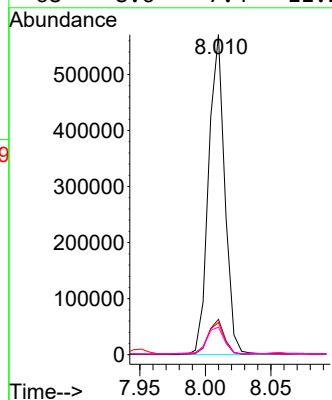
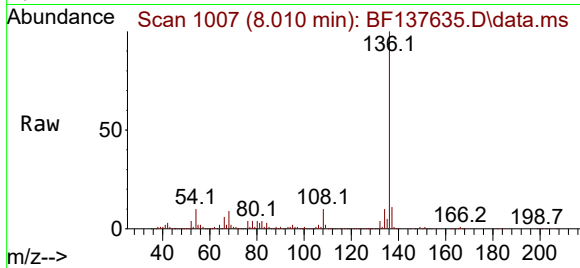




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF137635.D
Acq: 18 Mar 2024 17:06

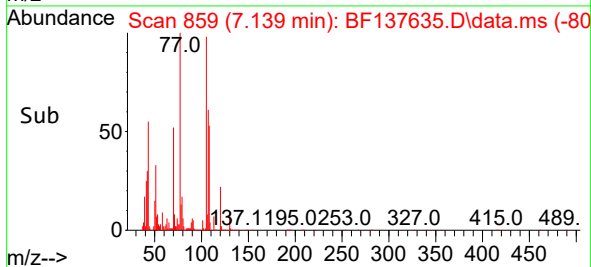
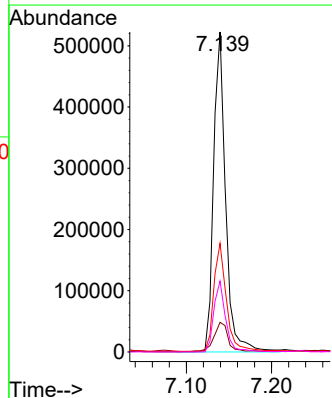
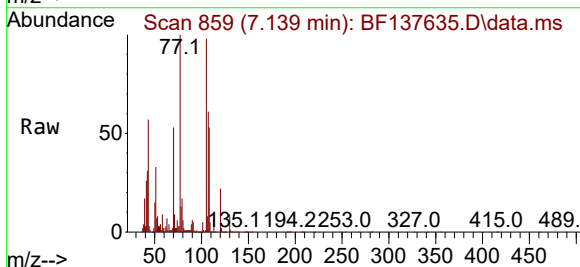
Instrument :
BNA_F
ClientSampleId :
TP9MSD

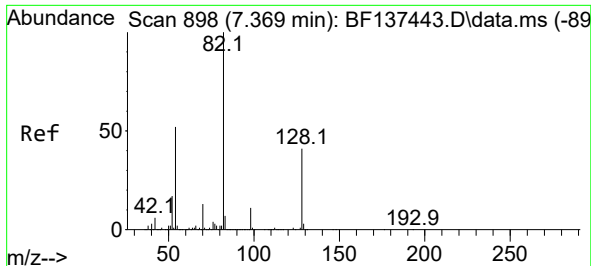
Tgt Ion:136	Resp: 490083
Ion Ratio	Lower Upper
136 100	
137 11.1	9.1 13.7
54 10.0	8.5 12.7
68 8.6	7.4 11.2



#22
Acetophenone
Concen: 43.182 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF137635.D
Acq: 18 Mar 2024 17:06

Tgt	Ion:105	Resp:	512036
Ion	Ratio	Lower	Upper
105	100		
71	9.3	7.7	11.5
51	33.9	30.4	45.6
120	22.1	17.4	26.0





#23

Nitrobenzene-d5

Concen: 69.241 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.006 min

Lab File: BF137635.D

Acq: 18 Mar 2024 17:06

Instrument :

BNA_F

ClientSampleId :

TP9MSD

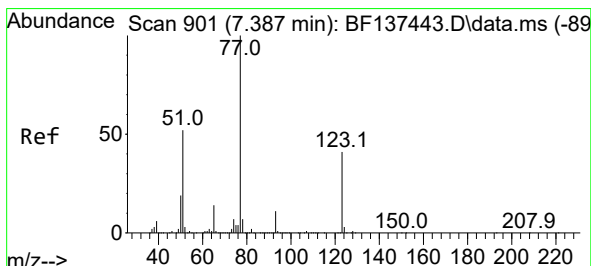
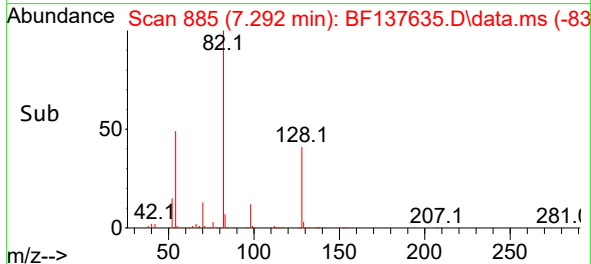
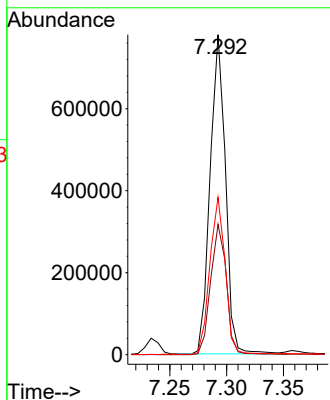
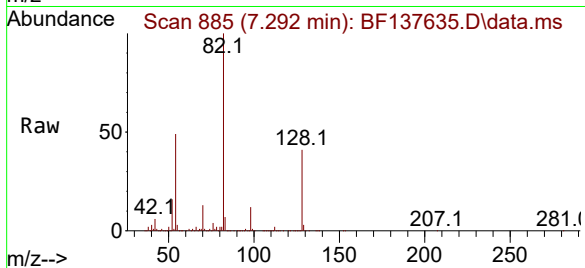
Tgt Ion: 82 Resp: 730319

Ion Ratio Lower Upper

82 100

128 40.7 32.5 48.7

54 49.2 41.5 62.3



#24

Nitrobenzene

Concen: 40.929 ng

RT: 7.310 min Scan# 888

Delta R.T. -0.006 min

Lab File: BF137635.D

Acq: 18 Mar 2024 17:06

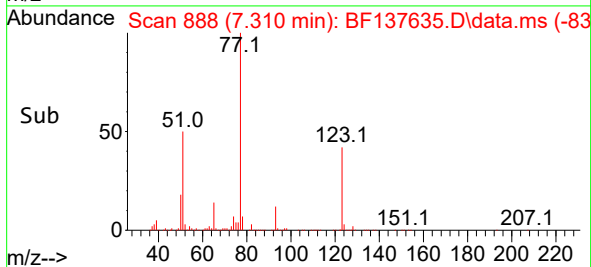
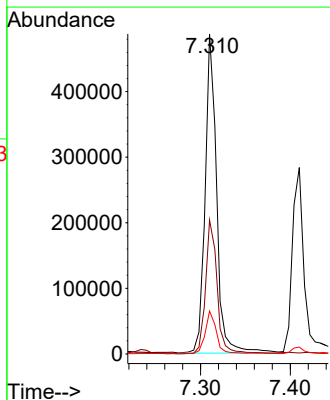
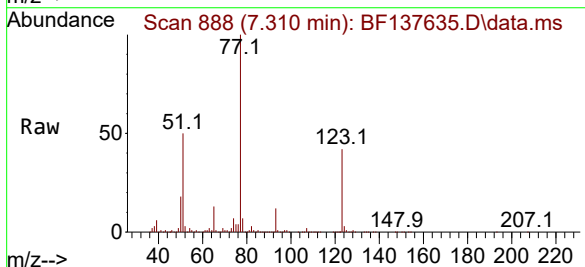
Tgt Ion: 77 Resp: 433665

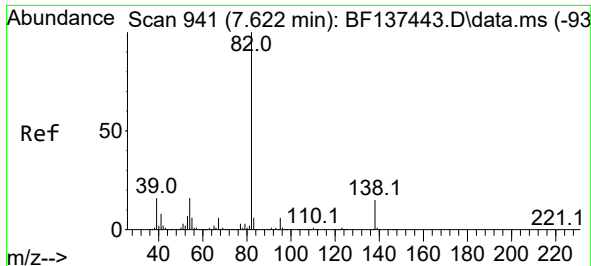
Ion Ratio Lower Upper

77 100

123 41.9 33.0 49.6

65 13.4 10.9 16.3

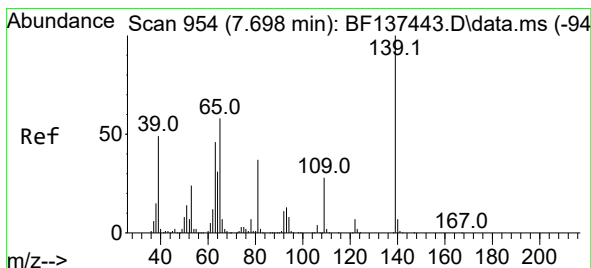
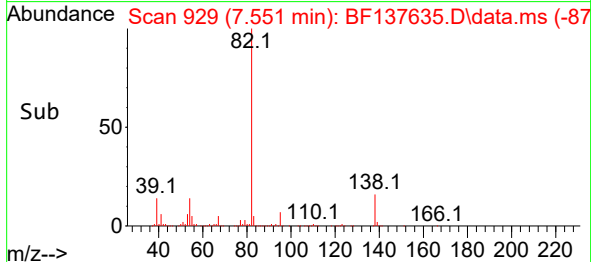
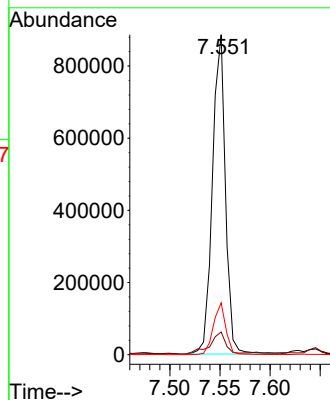
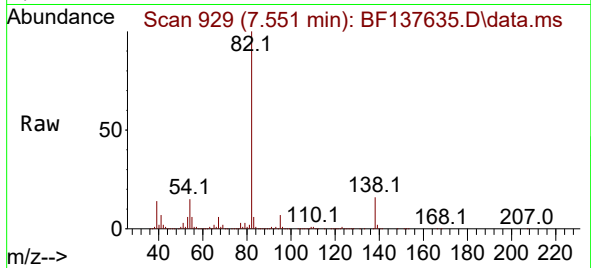




#25
Isophorone
Concen: 40.001 ng
RT: 7.551 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF137635.D
Acq: 18 Mar 2024 17:06

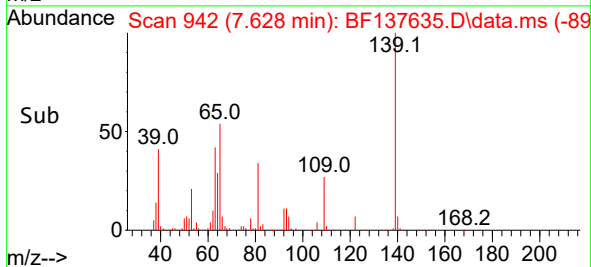
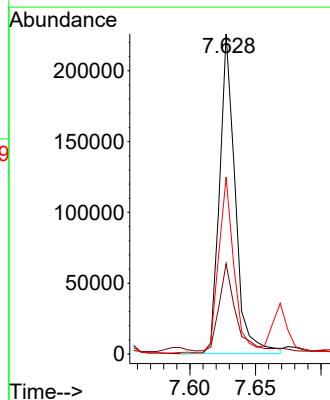
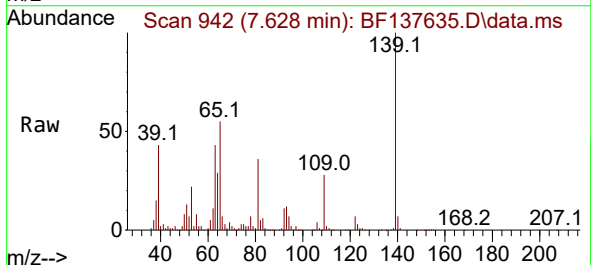
Instrument :
BNA_F
ClientSampleId :
TP9MSD

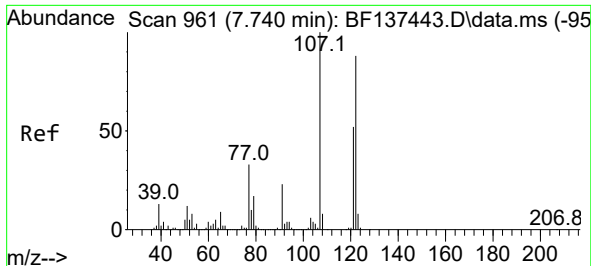
Tgt Ion: 82 Resp: 801571
Ion Ratio Lower Upper
82 100
95 7.1 5.1 7.7
138 16.2 11.8 17.8



#26
2-Nitrophenol
Concen: 44.504 ng
RT: 7.628 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF137635.D
Acq: 18 Mar 2024 17:06

Tgt Ion:139 Resp: 187210
Ion Ratio Lower Upper
139 100
109 28.2 22.2 33.4
65 55.2 46.2 69.2

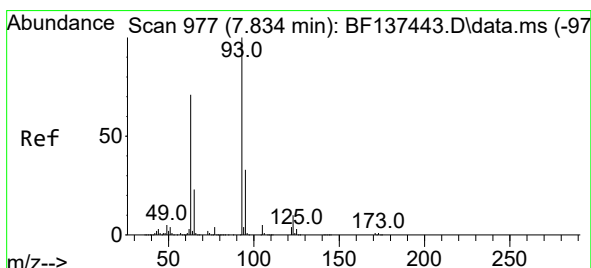
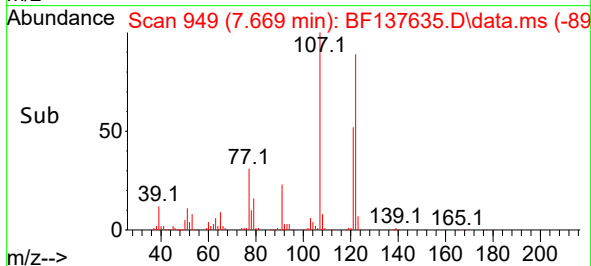
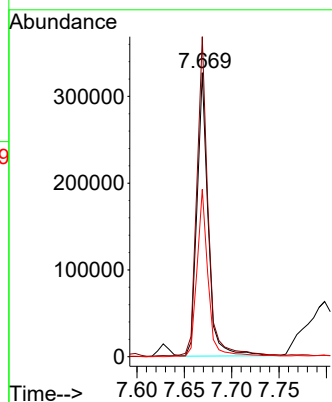
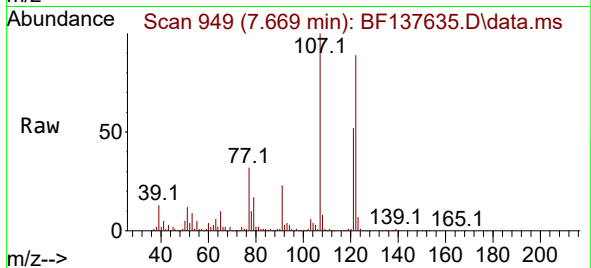




#27
2,4-Dimethylphenol
Concen: 34.179 ng
RT: 7.669 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF137635.D
Acq: 18 Mar 2024 17:06

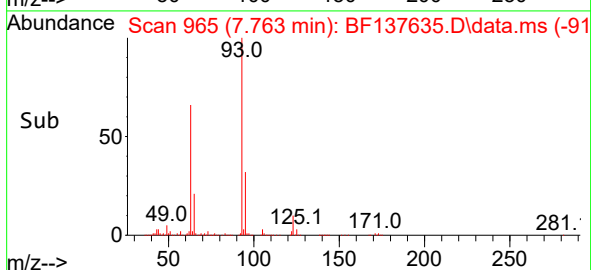
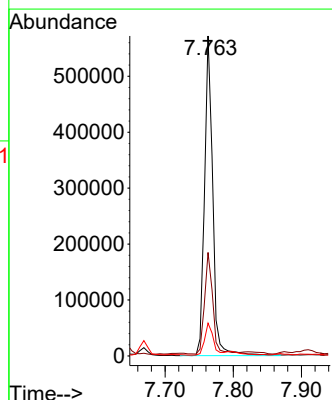
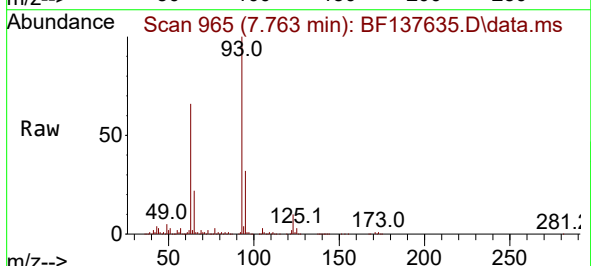
Instrument :
BNA_F
ClientSampleId :
TP9MSD

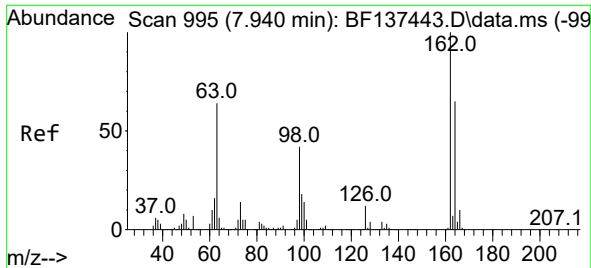
Tgt Ion:122 Resp: 268650
Ion Ratio Lower Upper
122 100
107 112.7 90.9 136.3
121 58.9 47.0 70.6



#28
bis(2-Chloroethoxy)methane
Concen: 40.872 ng
RT: 7.763 min Scan# 965
Delta R.T. -0.000 min
Lab File: BF137635.D
Acq: 18 Mar 2024 17:06

Tgt Ion: 93 Resp: 480540
Ion Ratio Lower Upper
93 100
95 32.3 26.5 39.7
123 10.3 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 43.864 ng

RT: 7.869 min Scan# 995

Delta R.T. -0.000 min

Lab File: BF137635.D

Acq: 18 Mar 2024 17:06

Instrument :

BNA_F

ClientSampleId :

TP9MSD

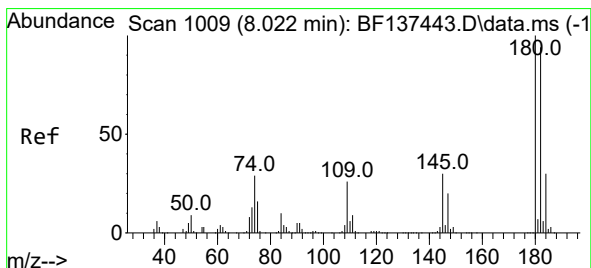
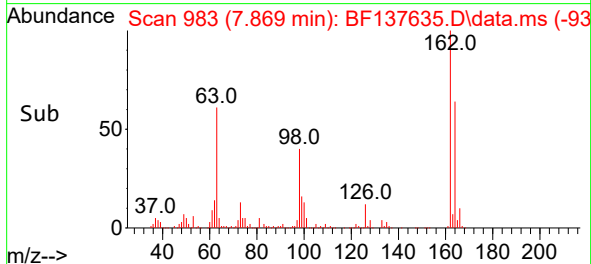
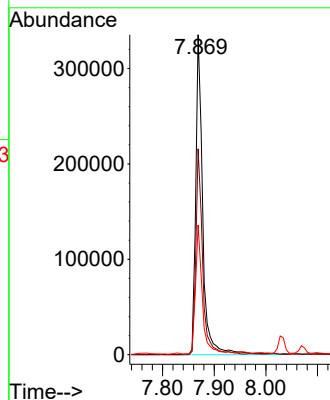
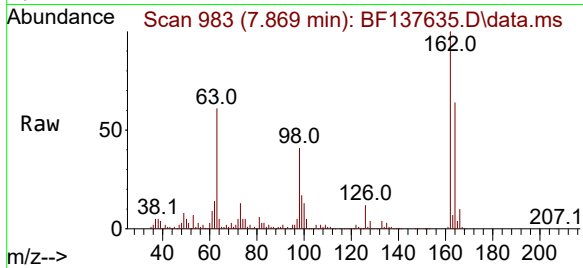
Tgt Ion:162 Resp: 316428

Ion Ratio Lower Upper

162 100

164 64.3 44.7 84.7

98 40.5 22.0 62.0



#30

1,2,4-Trichlorobenzene

Concen: 43.371 ng

RT: 7.951 min Scan# 997

Delta R.T. -0.000 min

Lab File: BF137635.D

Acq: 18 Mar 2024 17:06

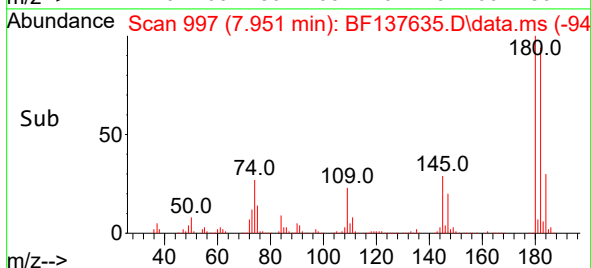
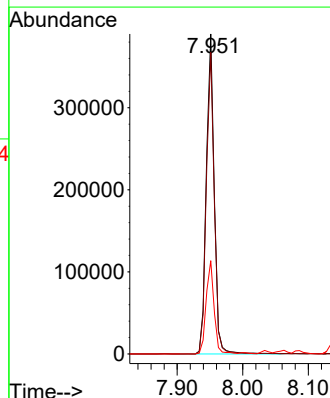
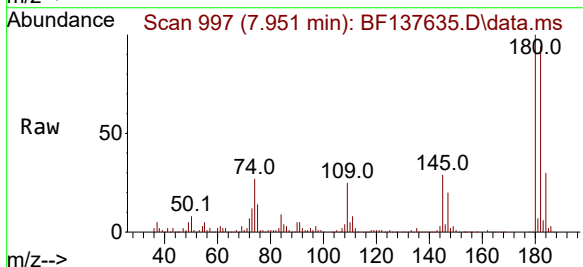
Tgt Ion:180 Resp: 329249

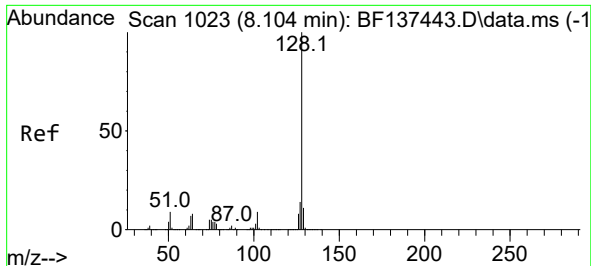
Ion Ratio Lower Upper

180 100

182 94.2 75.0 112.6

145 29.2 23.7 35.5

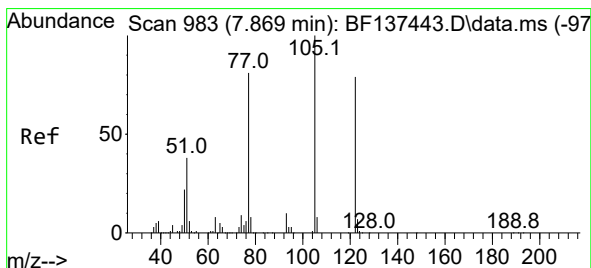
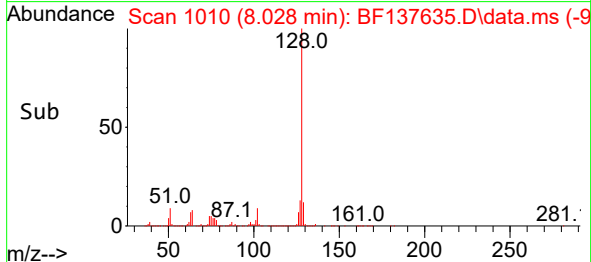
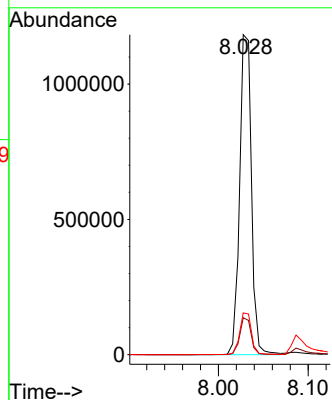
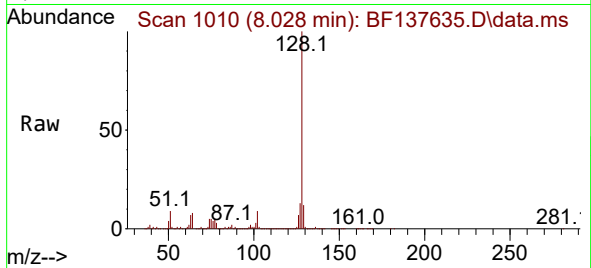




#31
Naphthalene
Concen: 41.108 ng
RT: 8.028 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF137635.D
Acq: 18 Mar 2024 17:06

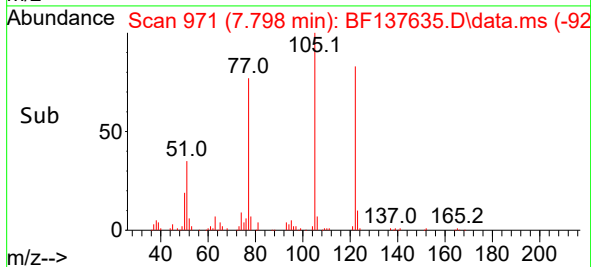
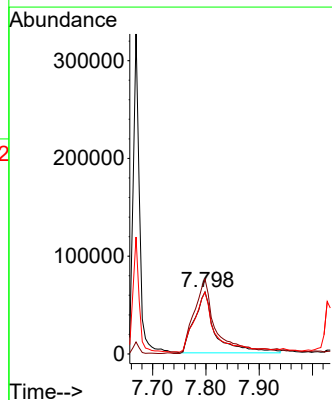
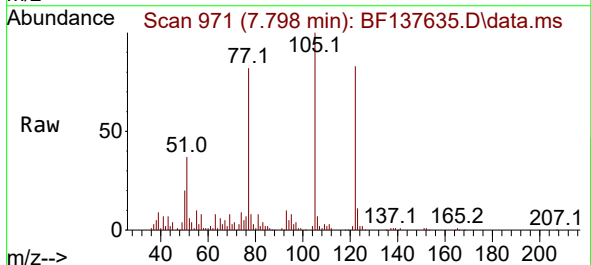
Instrument :
BNA_F
ClientSampleId :
TP9MSD

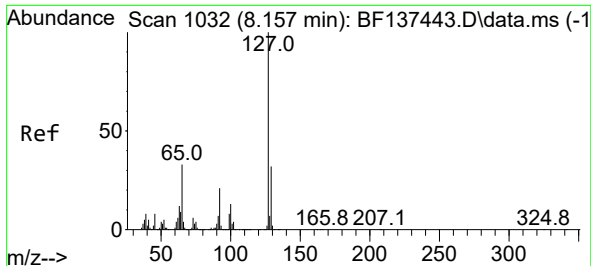
Tgt Ion:128 Resp: 1080923
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.0 10.8 16.2



#32
Benzoic acid
Concen: 39.324 ng
RT: 7.798 min Scan# 971
Delta R.T. -0.000 min
Lab File: BF137635.D
Acq: 18 Mar 2024 17:06

Tgt Ion:122 Resp: 172068
Ion Ratio Lower Upper
122 100
105 120.7 102.4 142.4
77 99.4 81.1 121.1

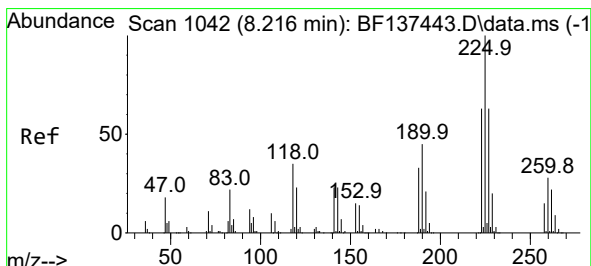
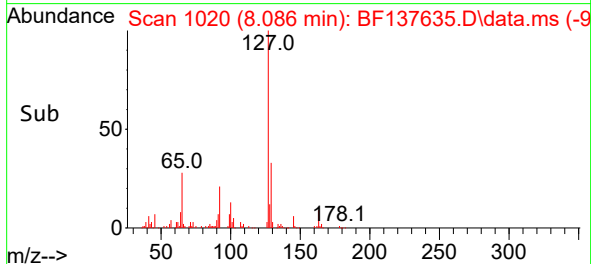
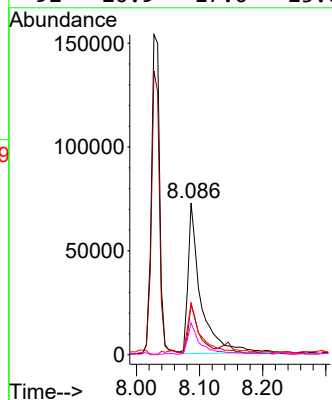
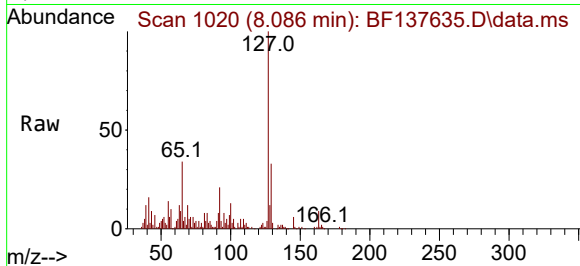




#33
4-Chloroaniline
Concen: 9.887 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF137635.D
Acq: 18 Mar 2024 17:06

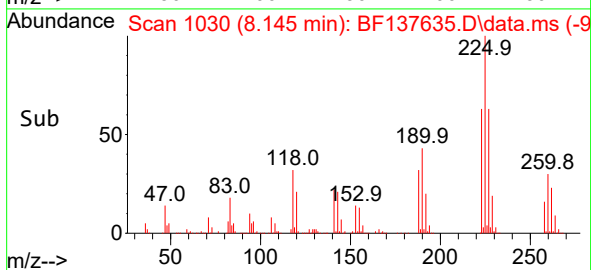
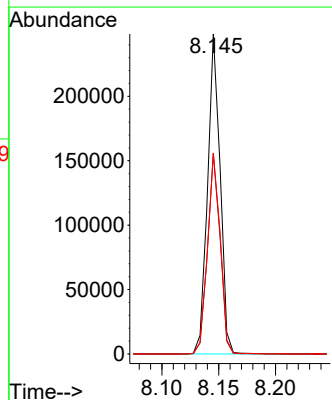
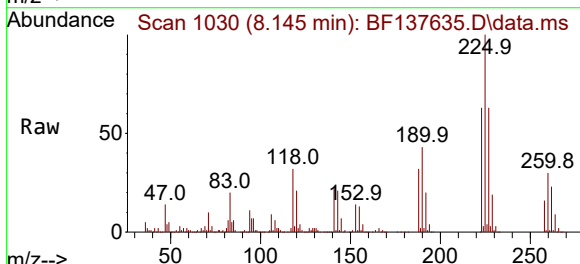
Instrument :
BNA_F
ClientSampleId :
TP9MSD

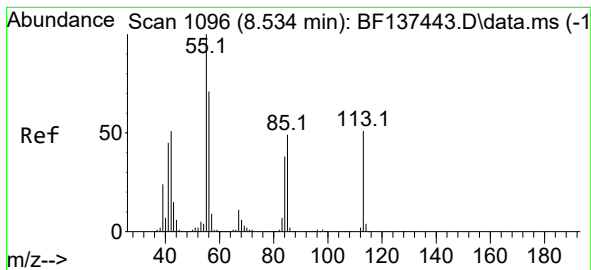
Tgt Ion:127	Resp: 101947
Ion Ratio	Lower Upper
127 100	
129 33.1	26.0 39.0
65 34.1	26.8 40.2
92 20.9	17.0 25.6



#34
Hexachlorobutadiene
Concen: 42.395 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF137635.D
Acq: 18 Mar 2024 17:06

Tgt	Ion:225	Resp:	190008
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.7	76.1
227	62.8	50.6	75.8





#35

Caprolactam

Concen: 48.379 ng

RT: 8.445 min Scan# 1103

Delta R.T. -0.012 min

Lab File: BF137635.D

Acq: 18 Mar 2024 17:06

Instrument :

BNA_F

ClientSampleId :

TP9MSD

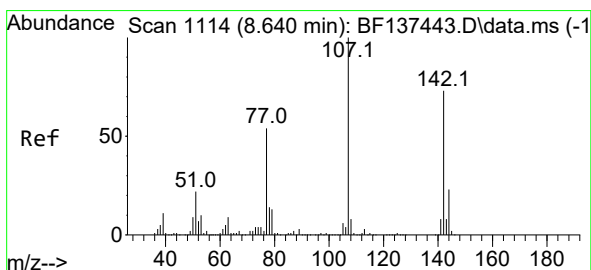
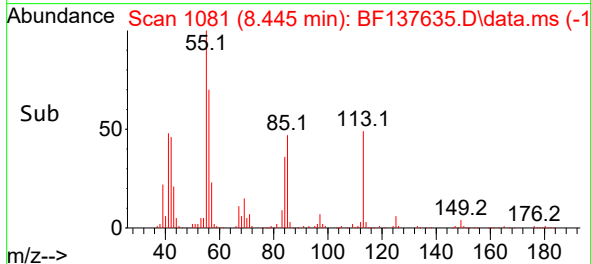
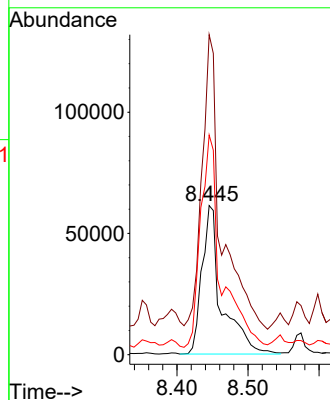
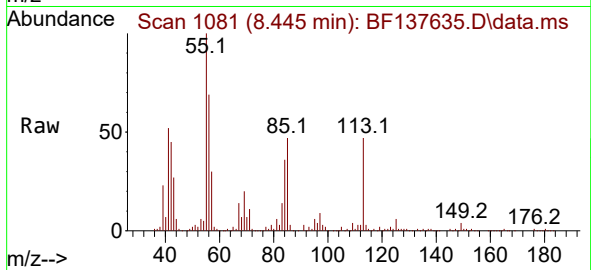
Tgt Ion:113 Resp: 118340

Ion Ratio Lower Upper

113 100

55 214.7 176.7 216.7

56 147.4 120.6 160.6



#36

4-Chloro-3-methylphenol

Concen: 41.165 ng

RT: 8.575 min Scan# 1103

Delta R.T. 0.006 min

Lab File: BF137635.D

Acq: 18 Mar 2024 17:06

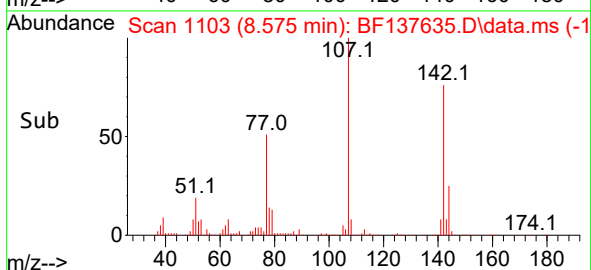
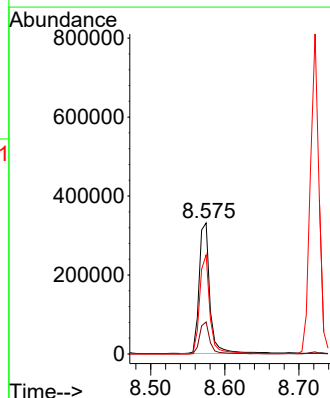
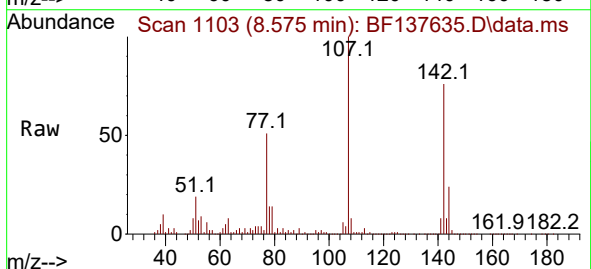
Tgt Ion:107 Resp: 331934

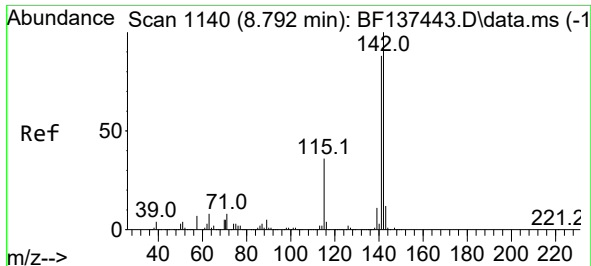
Ion Ratio Lower Upper

107 100

144 24.4 18.7 28.1

142 75.5 58.2 87.2

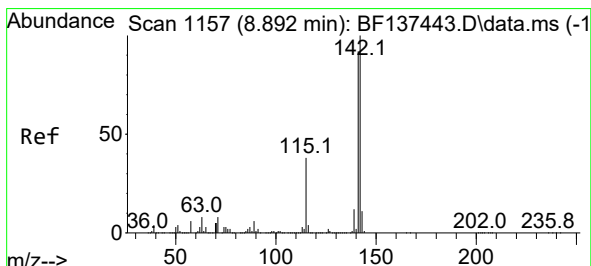
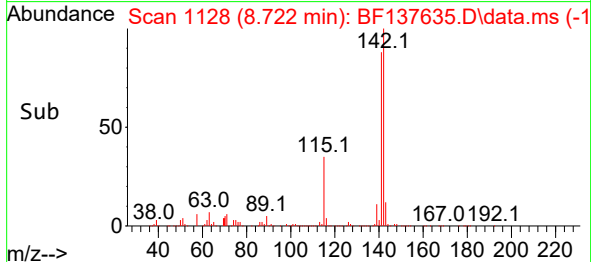
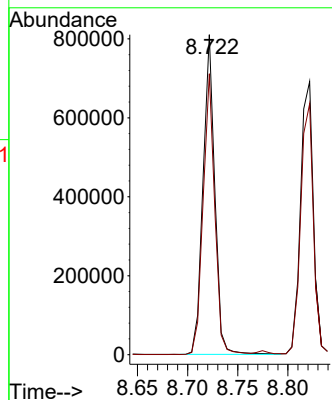
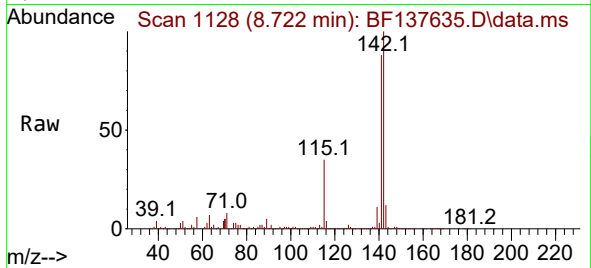




#37
2-Methylnaphthalene
Concen: 39.527 ng
RT: 8.722 min Scan# 1140
Delta R.T. -0.000 min
Lab File: BF137635.D
Acq: 18 Mar 2024 17:06

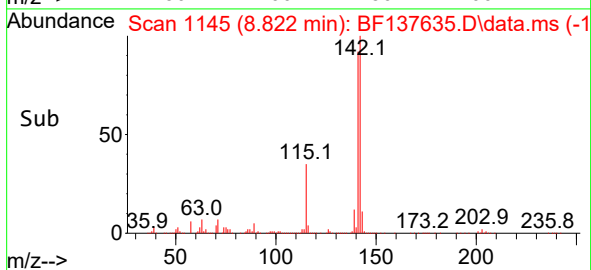
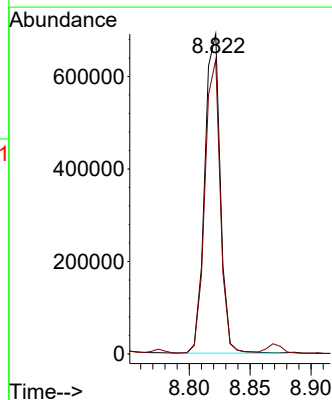
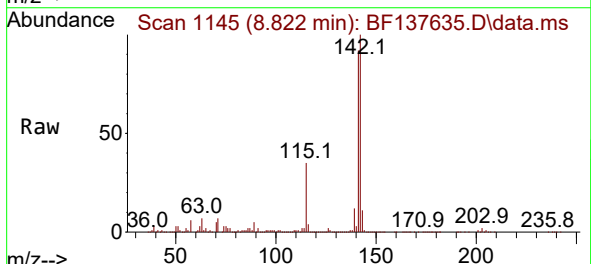
Instrument :
BNA_F
ClientSampleId :
TP9MSD

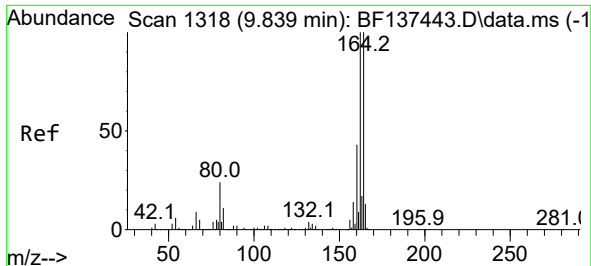
Tgt Ion:142 Resp: 662585
Ion Ratio Lower Upper
142 100
141 87.8 70.4 105.6



#38
1-Methylnaphthalene
Concen: 38.958 ng
RT: 8.822 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BF137635.D
Acq: 18 Mar 2024 17:06

Tgt Ion:142 Resp: 614995
Ion Ratio Lower Upper
142 100
141 91.9 73.4 110.2

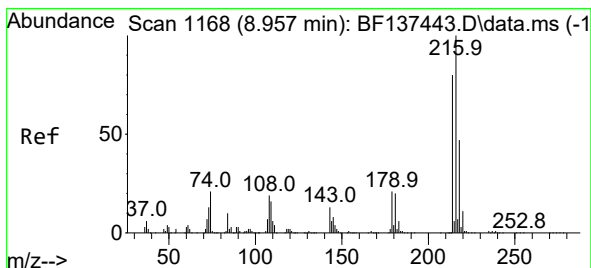
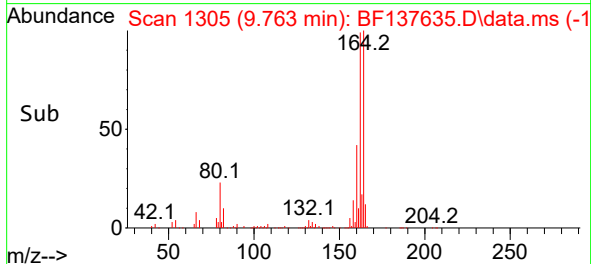
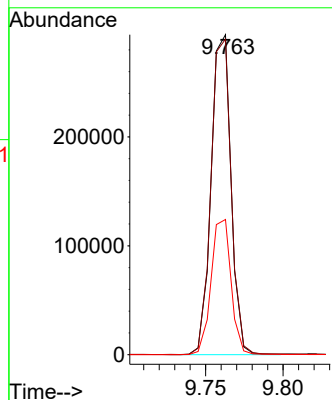
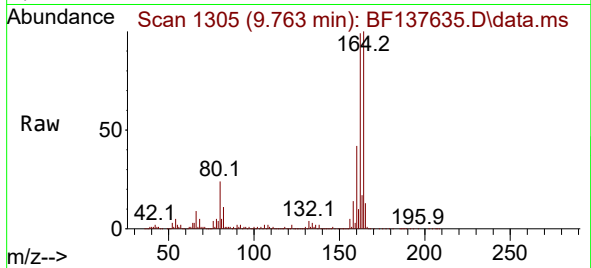




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF137635.D
Acq: 18 Mar 2024 17:06

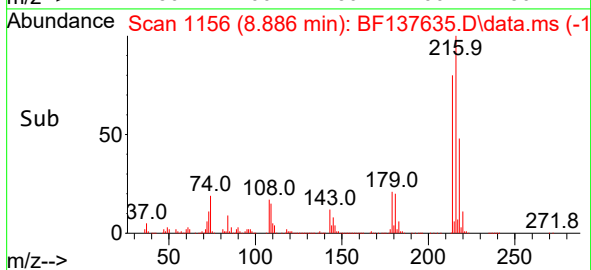
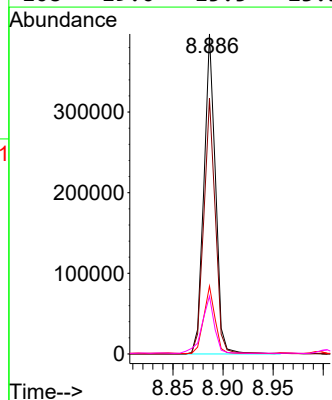
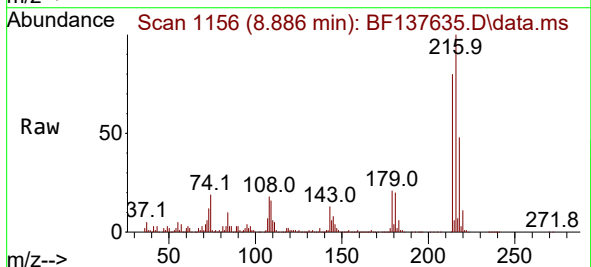
Instrument :
BNA_F
ClientSampleId :
TP9MSD

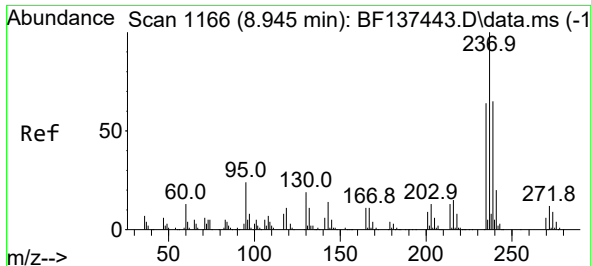
Tgt Ion:164 Resp: 262339
Ion Ratio Lower Upper
164 100
162 98.6 79.8 119.8
160 42.2 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.670 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF137635.D
Acq: 18 Mar 2024 17:06

Tgt Ion:216 Resp: 319831
Ion Ratio Lower Upper
216 100
214 79.7 63.5 95.3
179 20.6 16.6 25.0
108 19.0 15.5 23.3

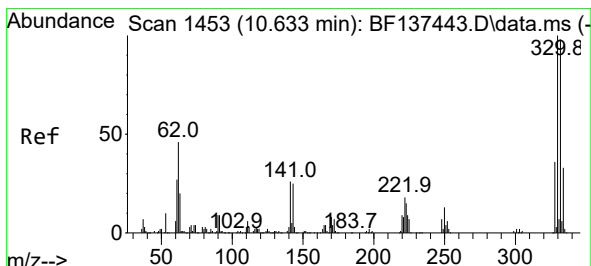
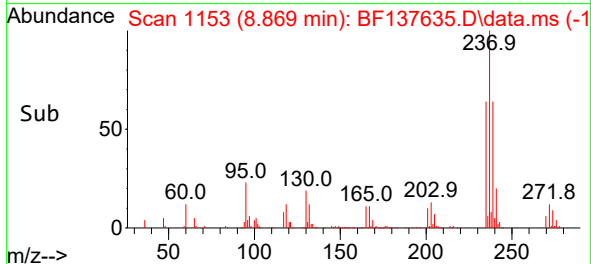
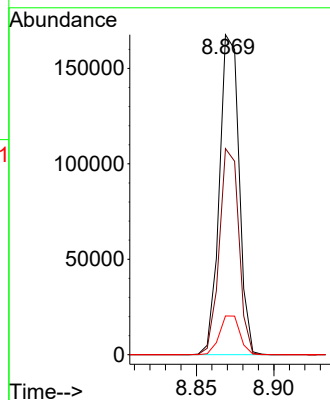
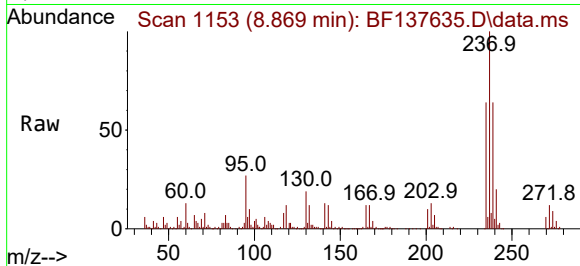




#41
Hexachlorocyclopentadiene
Concen: 52.668 ng
RT: 8.869 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF137635.D
Acq: 18 Mar 2024 17:06

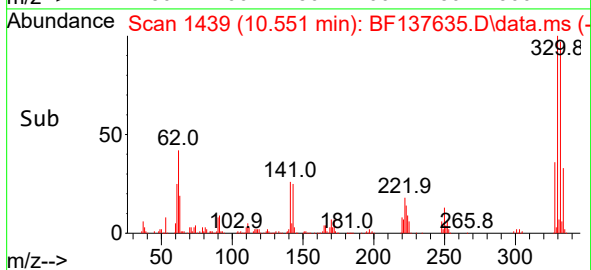
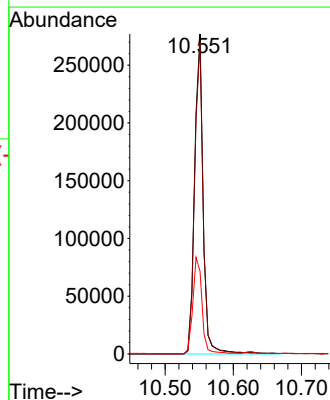
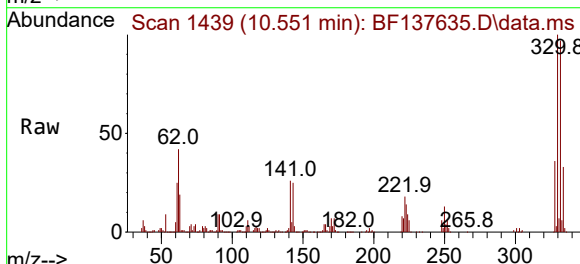
Instrument :
BNA_F
ClientSampleId :
TP9MSD

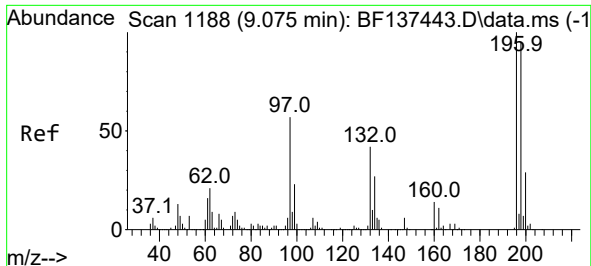
Tgt Ion:237 Resp: 148034
Ion Ratio Lower Upper
237 100
235 64.4 43.6 83.6
272 12.1 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 104.343 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF137635.D
Acq: 18 Mar 2024 17:06

Tgt Ion:330 Resp: 240384
Ion Ratio Lower Upper
330 100
332 97.3 78.0 117.0
141 32.0 27.3 40.9

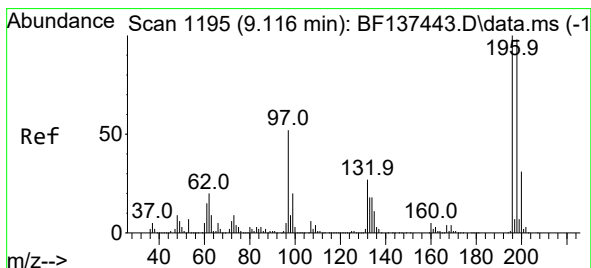
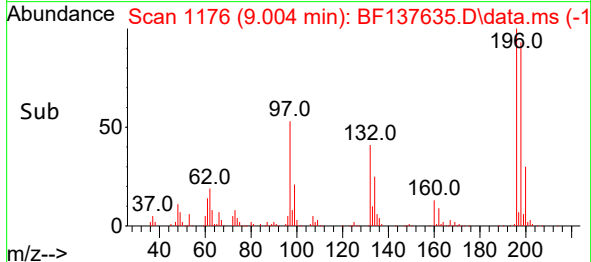
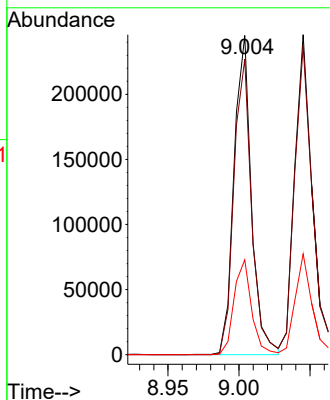
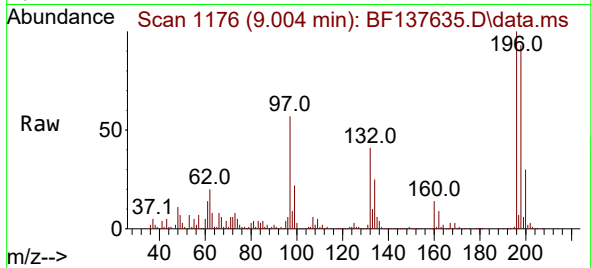




#43
2,4,6-Trichlorophenol
Concen: 43.922 ng
RT: 9.004 min Scan# 1183
Delta R.T. 0.006 min
Lab File: BF137635.D
Acq: 18 Mar 2024 17:06

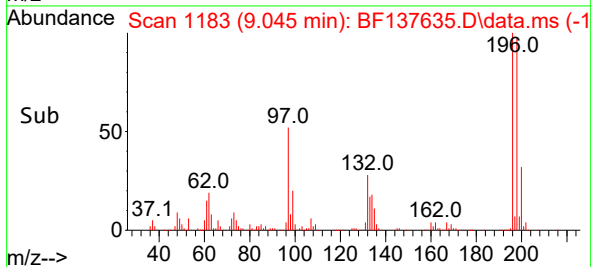
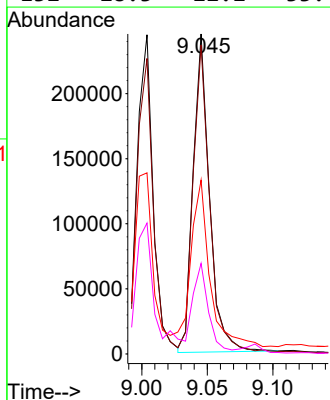
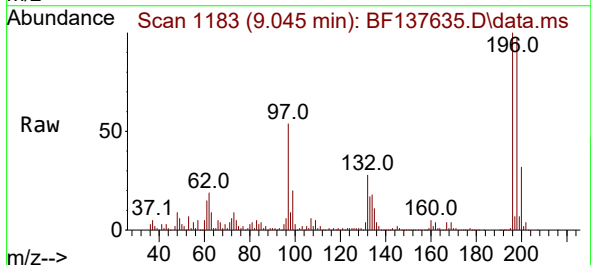
Instrument :
BNA_F
ClientSampleId :
TP9MSD

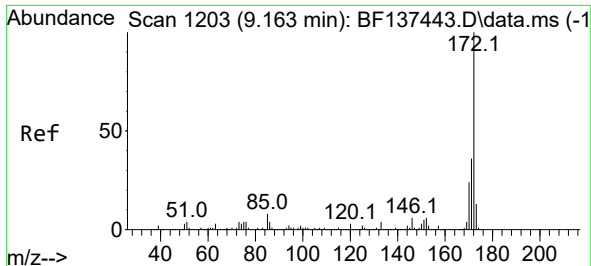
Tgt Ion:196 Resp: 209480
Ion Ratio Lower Upper
196 100
198 92.6 75.8 113.8
200 29.7 23.5 35.3



#44
2,4,5-Trichlorophenol
Concen: 38.728 ng
RT: 9.045 min Scan# 1183
Delta R.T. 0.006 min
Lab File: BF137635.D
Acq: 18 Mar 2024 17:06

Tgt Ion:196 Resp: 212771
Ion Ratio Lower Upper
196 100
198 96.6 78.6 117.8
97 54.3 41.8 62.8
132 28.3 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 72.349 ng

RT: 9.086 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF137635.D

Acq: 18 Mar 2024 17:06

Instrument :

BNA_F

ClientSampleId :

TP9MSD

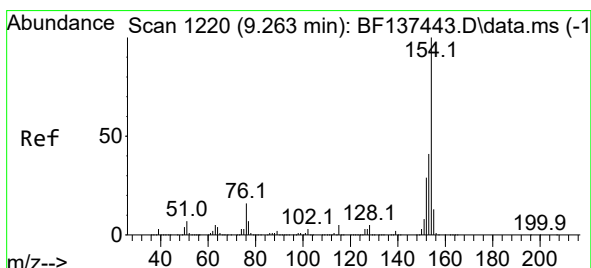
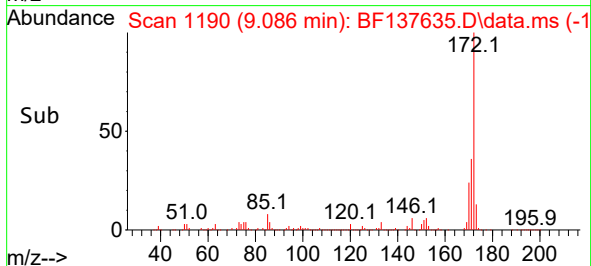
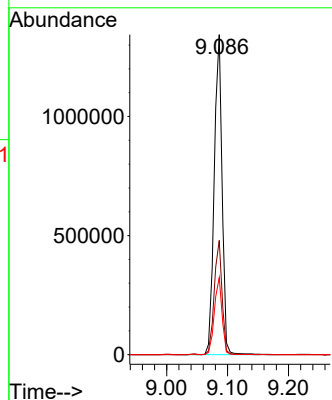
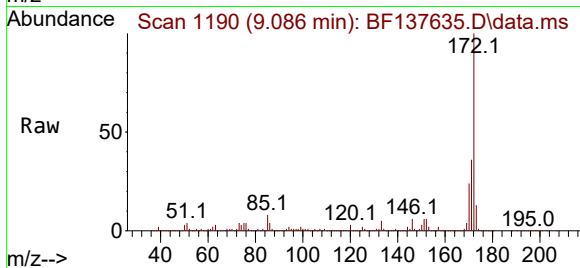
Tgt Ion:172 Resp: 1212493

Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

170 24.1 19.0 28.6



#46

1,1'-Biphenyl

Concen: 42.807 ng

RT: 9.186 min Scan# 1207

Delta R.T. -0.000 min

Lab File: BF137635.D

Acq: 18 Mar 2024 17:06

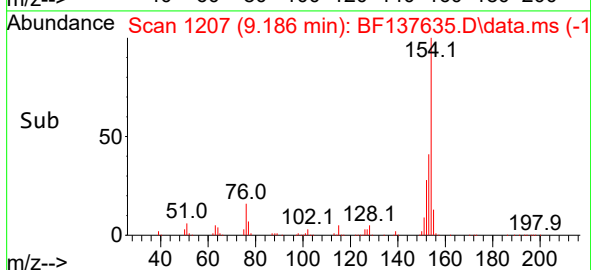
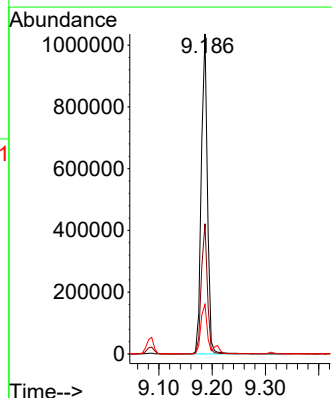
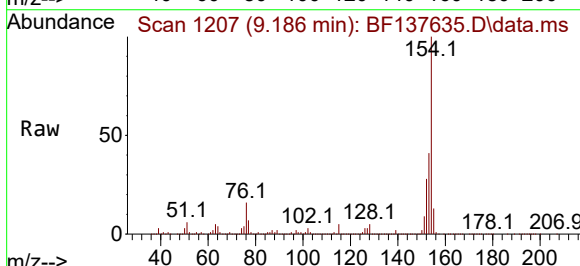
Tgt Ion:154 Resp: 821935

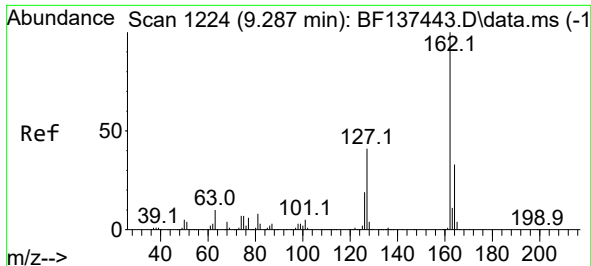
Ion Ratio Lower Upper

154 100

153 40.7 21.0 61.0

76 15.5 0.0 35.8





#47

2-Chloronaphthalene

Concen: 43.262 ng

RT: 9.210 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137635.D

Acq: 18 Mar 2024 17:06

Instrument :

BNA_F

ClientSampleId :

TP9MSD

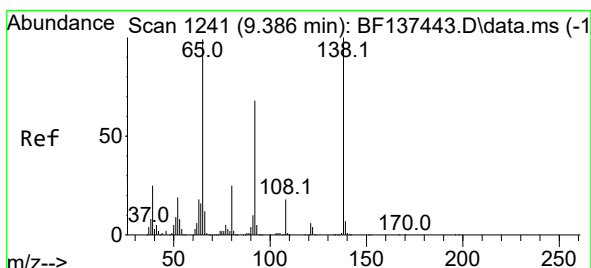
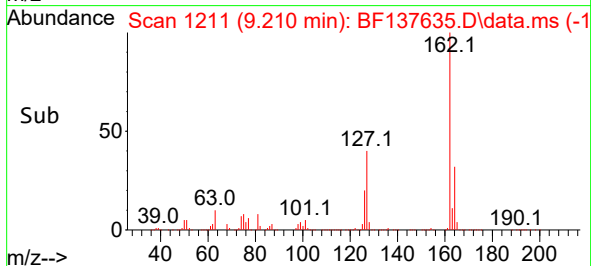
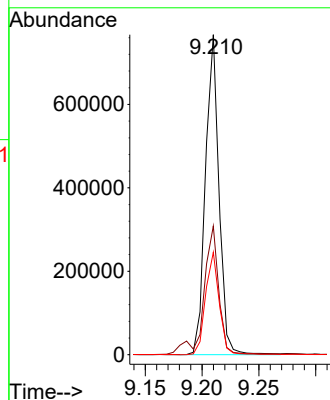
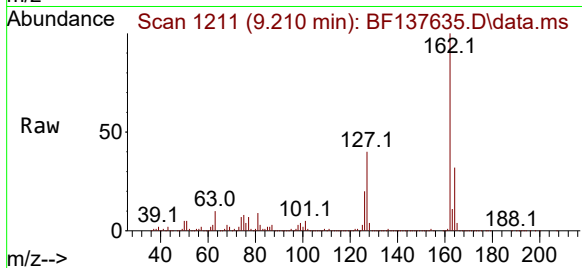
Tgt Ion:162 Resp: 633324

Ion Ratio Lower Upper

162 100

127 40.2 32.6 49.0

164 32.0 26.5 39.7



#48

2-Nitroaniline

Concen: 42.975 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF137635.D

Acq: 18 Mar 2024 17:06

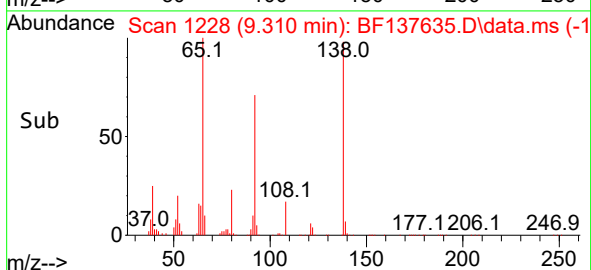
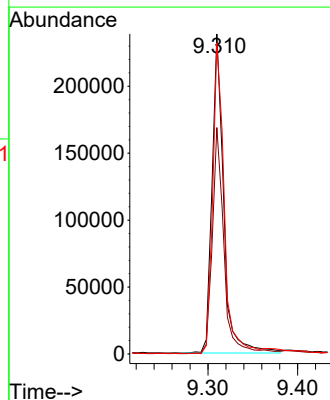
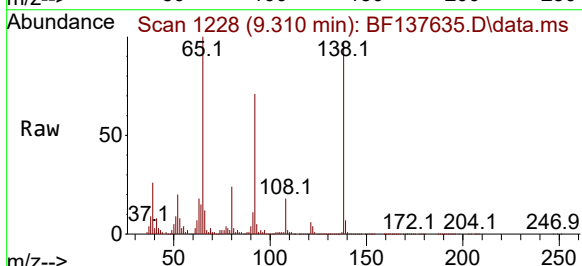
Tgt Ion: 65 Resp: 213832

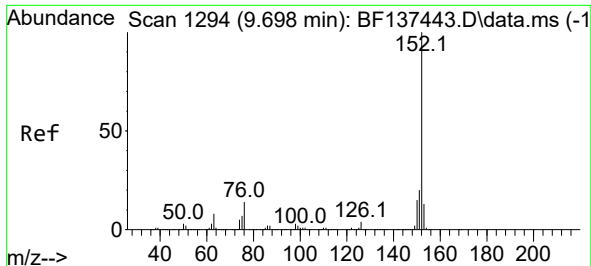
Ion Ratio Lower Upper

65 100

92 70.8 55.4 83.2

138 97.2 81.0 121.6





#49

Acenaphthylene

Concen: 43.102 ng

RT: 9.622 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137635.D

Acq: 18 Mar 2024 17:06

Instrument :

BNA_F

ClientSampleId :

TP9MSD

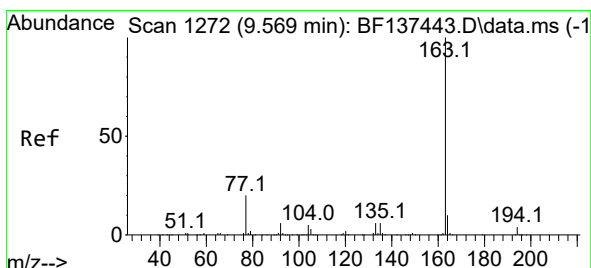
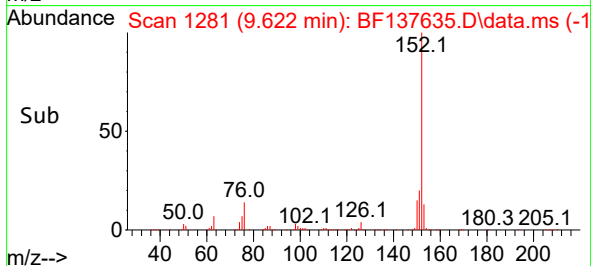
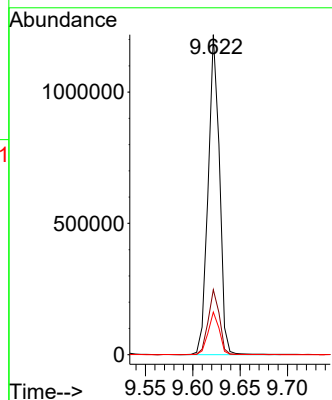
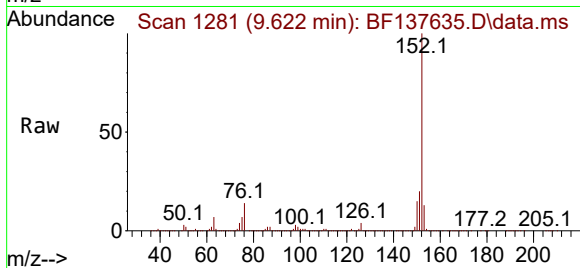
Tgt Ion:152 Resp: 1009768

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

153 13.3 10.8 16.2



#50

Dimethylphthalate

Concen: 41.558 ng

RT: 9.486 min Scan# 1258

Delta R.T. -0.006 min

Lab File: BF137635.D

Acq: 18 Mar 2024 17:06

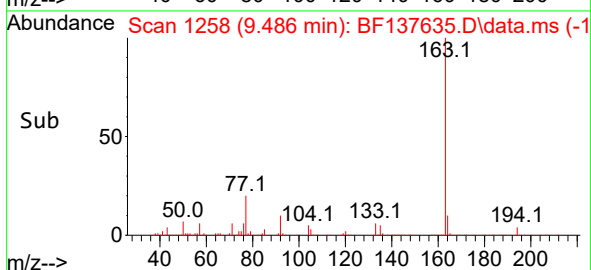
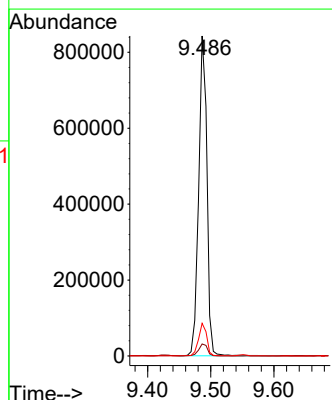
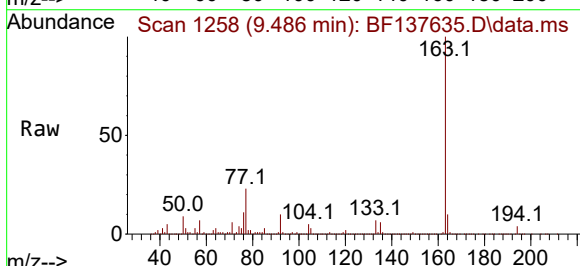
Tgt Ion:163 Resp: 758919

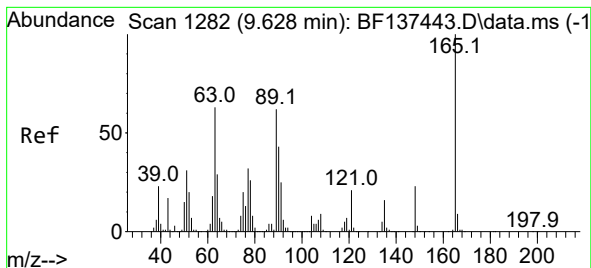
Ion Ratio Lower Upper

163 100

194 3.7 3.3 4.9

164 10.2 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 43.434 ng

RT: 9.551 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137635.D

Acq: 18 Mar 2024 17:06

Instrument :

BNA_F

ClientSampleId :

TP9MSD

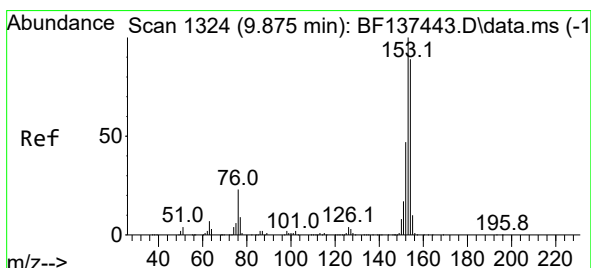
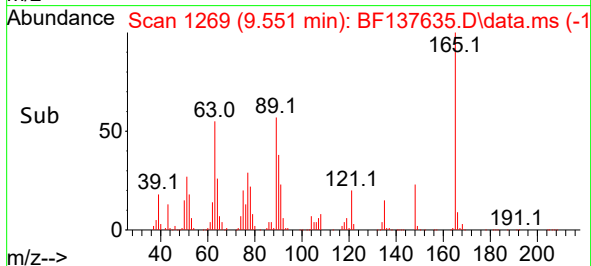
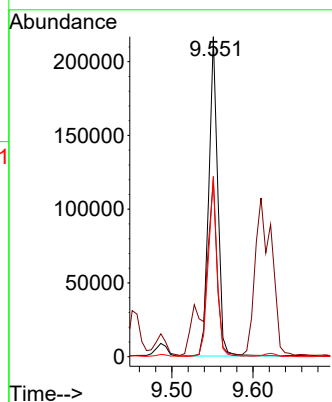
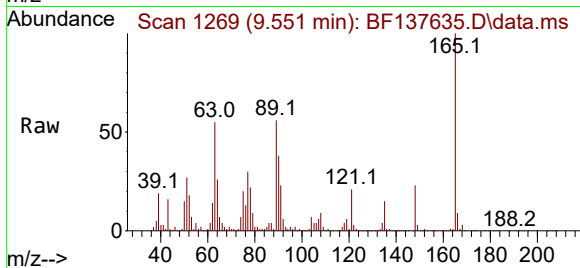
Tgt Ion:165 Resp: 165903

Ion Ratio Lower Upper

165 100

63 55.3 50.7 76.1

89 56.3 50.0 75.0



#52

Acenaphthene

Concen: 40.605 ng

RT: 9.792 min Scan# 1310

Delta R.T. -0.000 min

Lab File: BF137635.D

Acq: 18 Mar 2024 17:06

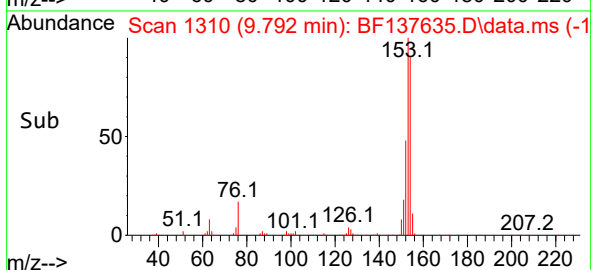
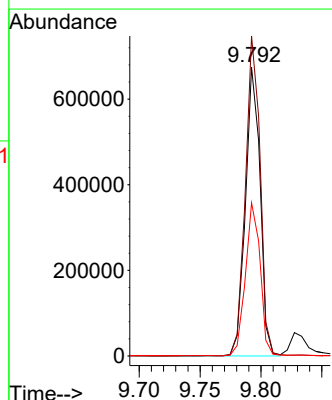
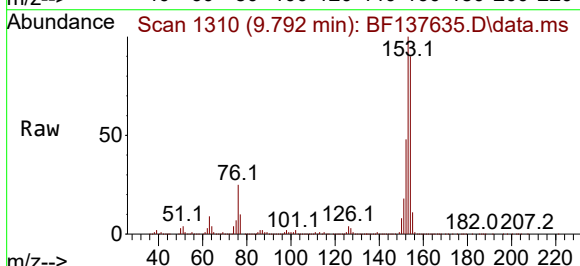
Tgt Ion:154 Resp: 567923

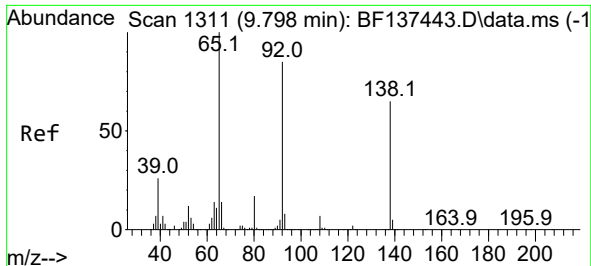
Ion Ratio Lower Upper

154 100

153 110.8 90.3 135.5

152 53.0 42.7 64.1

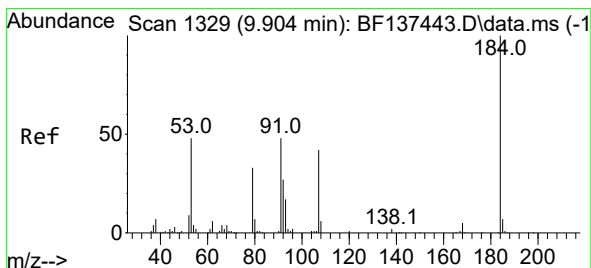
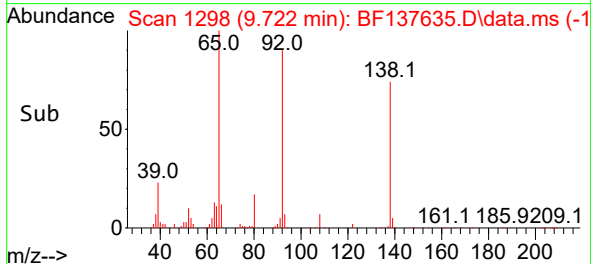
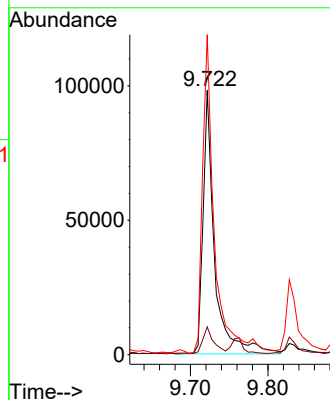
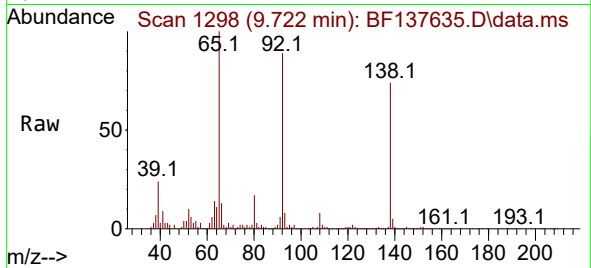




#53
3-Nitroaniline
Concen: 25.033 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137635.D
Acq: 18 Mar 2024 17:06

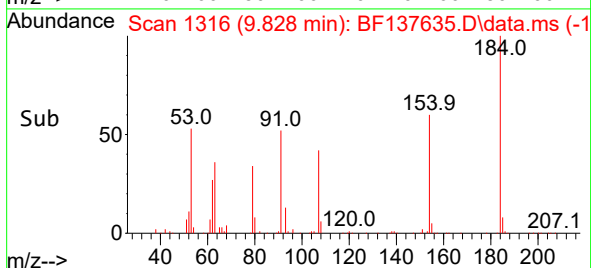
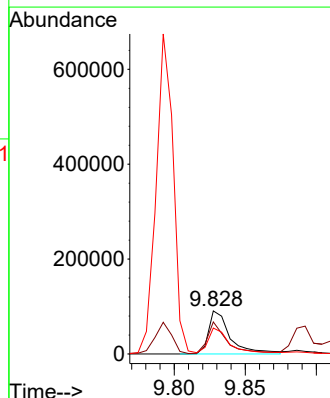
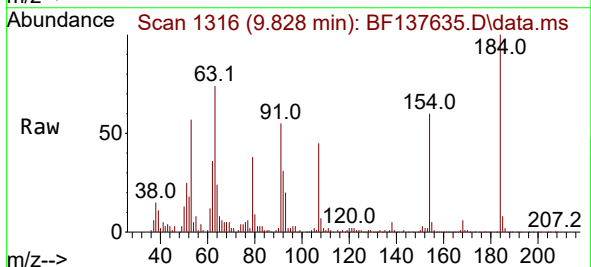
Instrument :
BNA_F
ClientSampleId :
TP9MSD

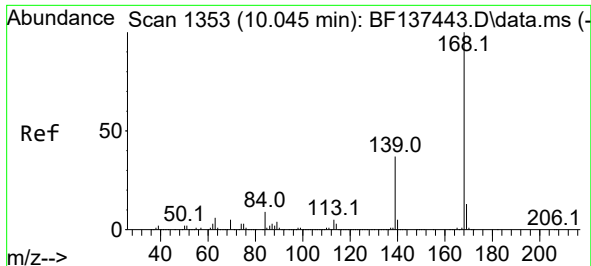
Tgt Ion:138 Resp: 101139
Ion Ratio Lower Upper
138 100
108 10.5 9.1 13.7
92 121.1 104.6 157.0



#54
2,4-Dinitrophenol
Concen: 54.587 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BF137635.D
Acq: 18 Mar 2024 17:06

Tgt Ion:184 Resp: 96271
Ion Ratio Lower Upper
184 100
63 74.5 53.3 79.9
154 60.3 47.4 71.0

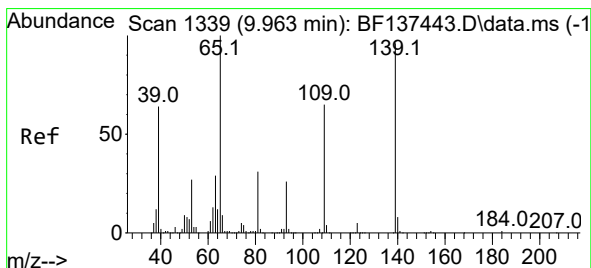
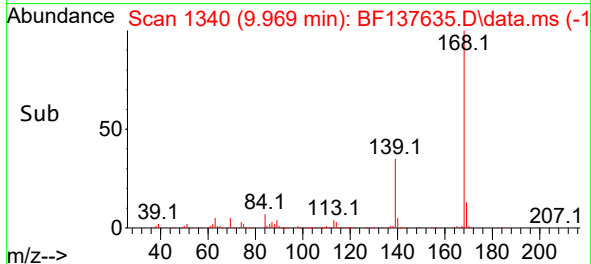
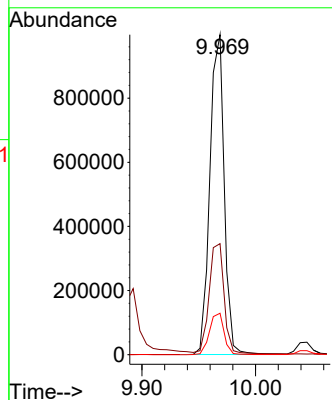
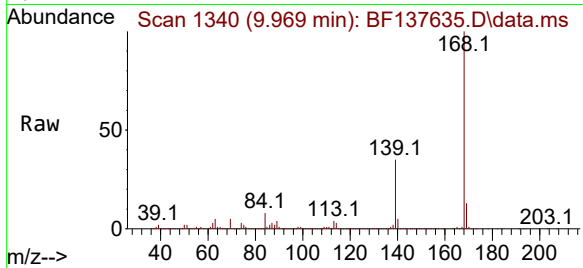




#55
Dibenzofuran
Concen: 41.091 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF137635.D
Acq: 18 Mar 2024 17:06

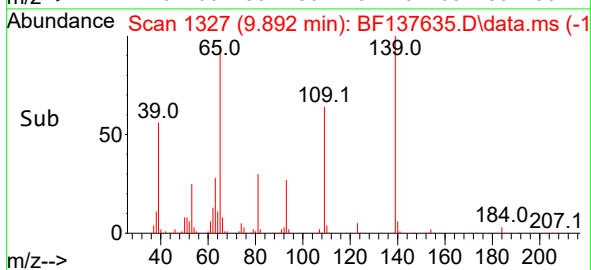
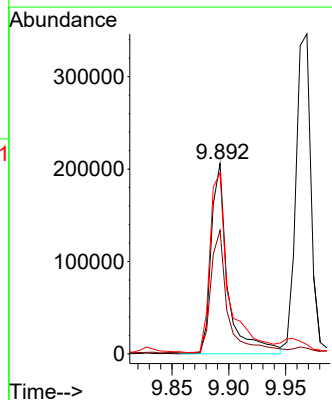
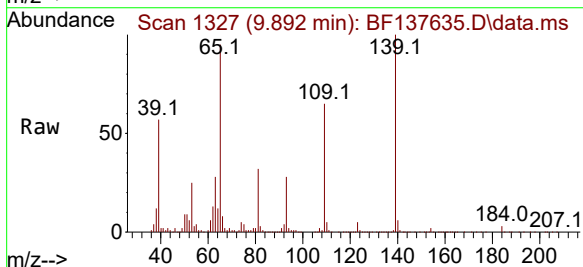
Instrument :
BNA_F
ClientSampleId :
TP9MSD

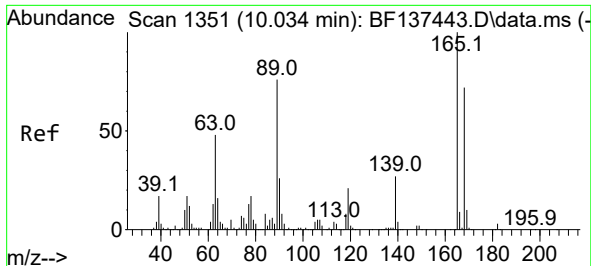
Tgt Ion:168 Resp: 875342
Ion Ratio Lower Upper
168 100
139 34.7 29.8 44.6
169 12.9 10.8 16.2



#56
4-Nitrophenol
Concen: 73.617 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF137635.D
Acq: 18 Mar 2024 17:06

Tgt Ion:139 Resp: 210506
Ion Ratio Lower Upper
139 100
109 64.9 47.1 87.1
65 95.1 85.1 125.1





#57

2,4-Dinitrotoluene

Concen: 43.873 ng

RT: 9.957 min Scan# 1338

Delta R.T. -0.000 min

Lab File: BF137635.D

Acq: 18 Mar 2024 17:06

Instrument :

BNA_F

ClientSampleId :

TP9MSD

Tgt Ion:165 Resp: 205886

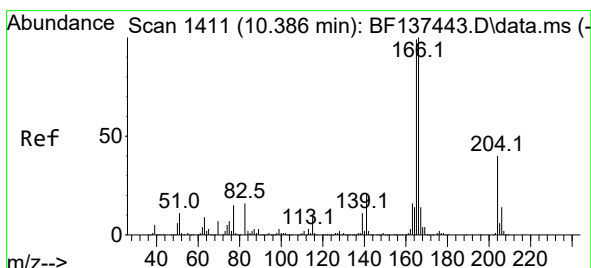
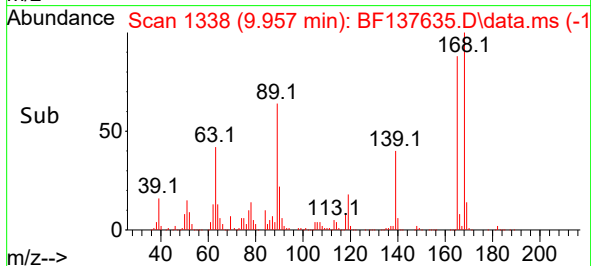
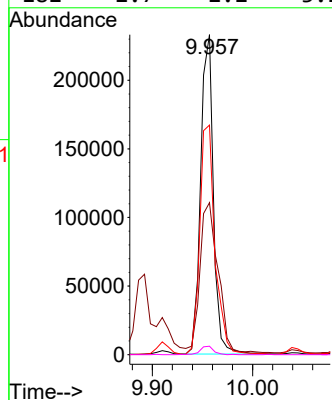
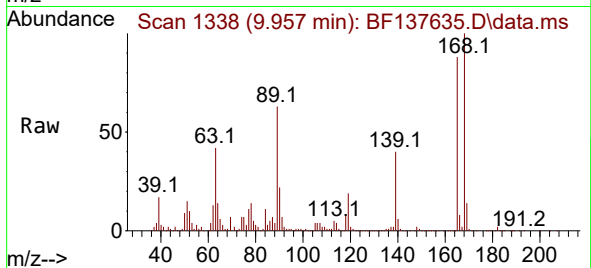
Ion Ratio Lower Upper

165 100

63 47.5 39.0 58.6

89 71.7 60.9 91.3

182 2.7 2.2 3.2



#58

Fluorene

Concen: 39.804 ng

RT: 10.310 min Scan# 1398

Delta R.T. -0.000 min

Lab File: BF137635.D

Acq: 18 Mar 2024 17:06

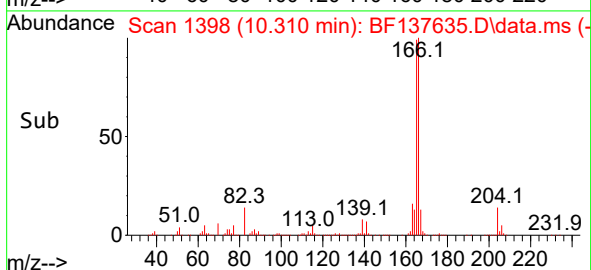
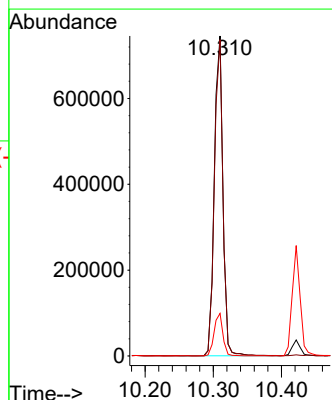
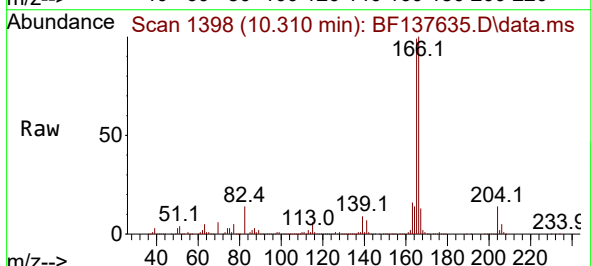
Tgt Ion:166 Resp: 651196

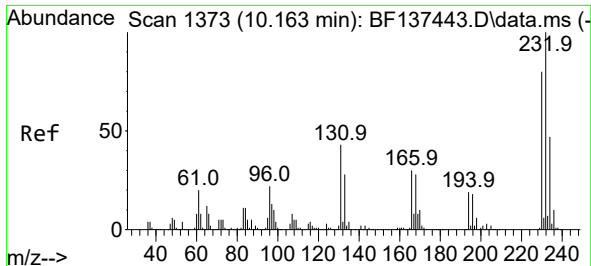
Ion Ratio Lower Upper

166 100

165 98.9 79.2 118.8

167 13.3 11.0 16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.605 ng

RT: 10.086 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137635.D

Acq: 18 Mar 2024 17:06

Instrument :

BNA_F

ClientSampleId :

TP9MSD

Tgt Ion:232 Resp: 178896

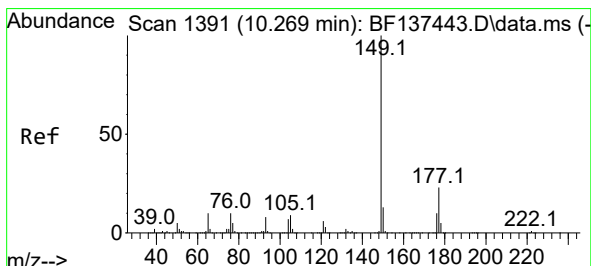
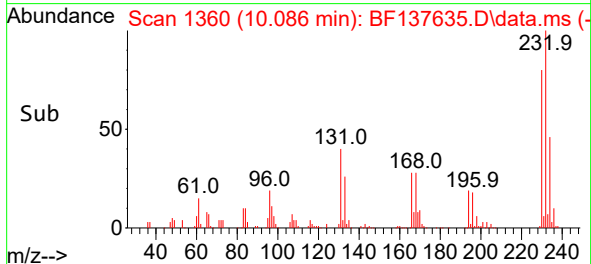
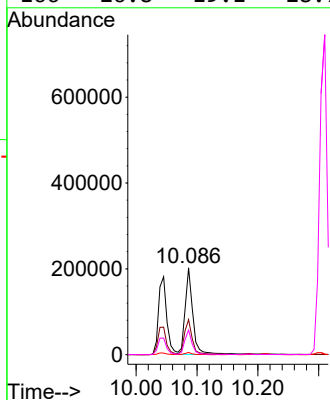
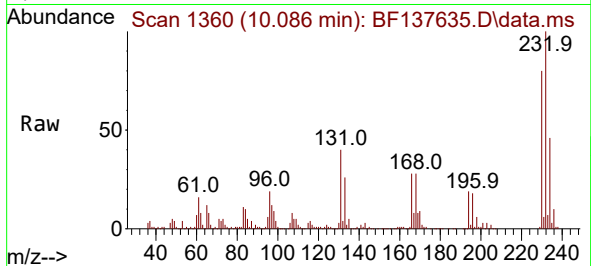
Ion Ratio Lower Upper

232 100

131 39.8 31.2 46.8

130 2.5 1.8 2.6

166 26.8 19.1 28.7



#60

Diethylphthalate

Concen: 41.181 ng

RT: 10.186 min Scan# 1377

Delta R.T. -0.000 min

Lab File: BF137635.D

Acq: 18 Mar 2024 17:06

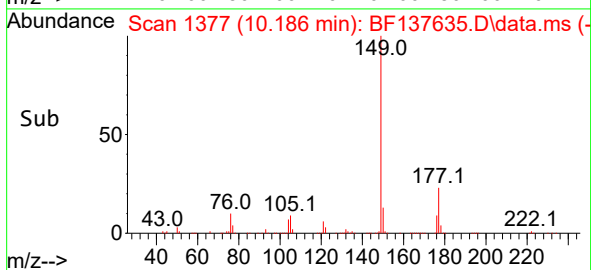
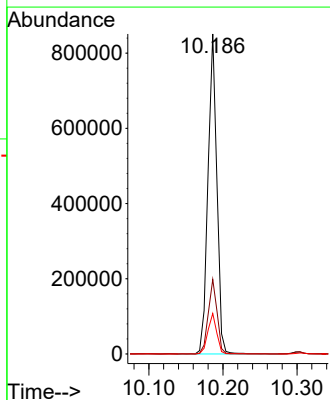
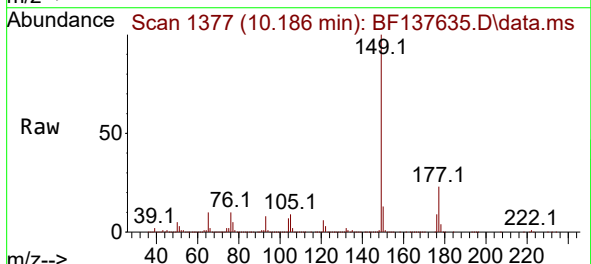
Tgt Ion:149 Resp: 710173

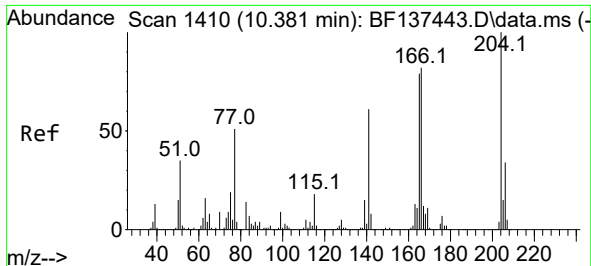
Ion Ratio Lower Upper

149 100

177 23.3 18.7 28.1

150 12.7 10.2 15.4

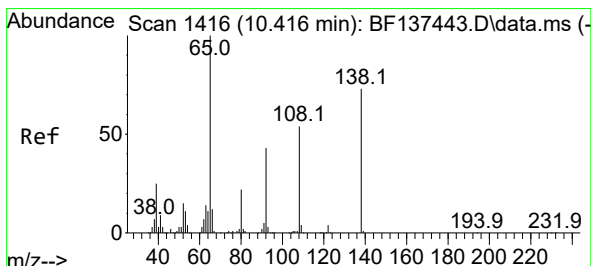
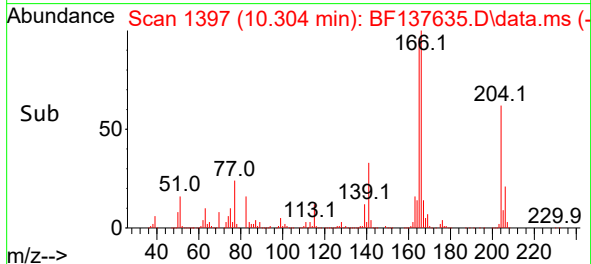
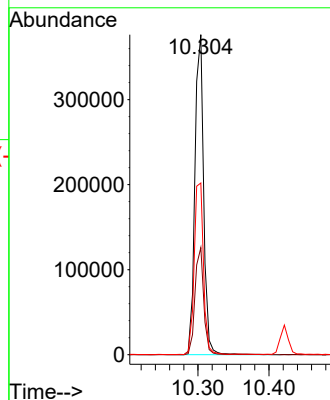
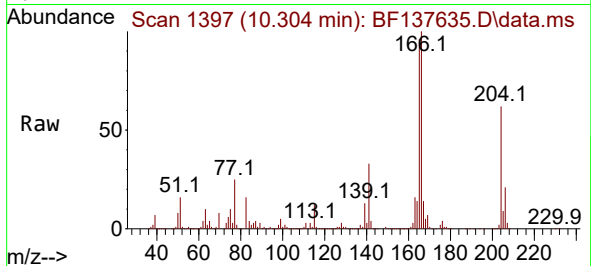




#61
4-Chlorophenyl-phenylether
Concen: 40.149 ng
RT: 10.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137635.D
Acq: 18 Mar 2024 17:06

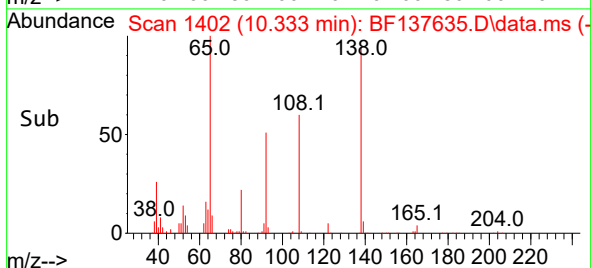
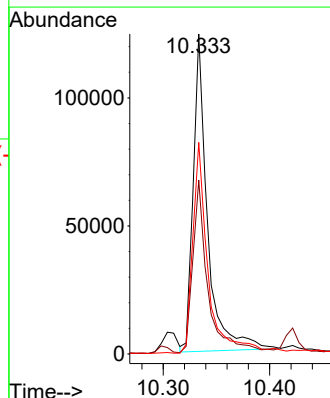
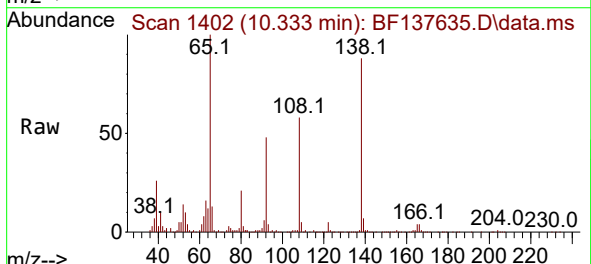
Instrument :
BNA_F
ClientSampleId :
TP9MSD

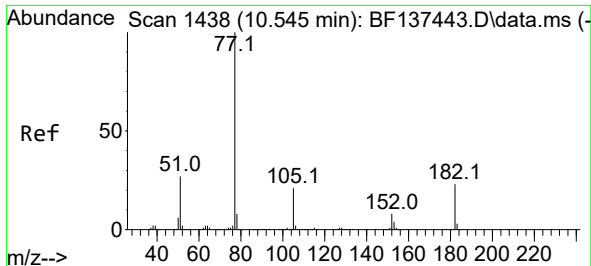
Tgt Ion:204 Resp: 321911
Ion Ratio Lower Upper
204 100
206 33.5 27.4 41.0
141 53.7 48.4 72.6



#62
4-Nitroaniline
Concen: 33.205 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF137635.D
Acq: 18 Mar 2024 17:06

Tgt Ion:138 Resp: 115305
Ion Ratio Lower Upper
138 100
92 54.3 37.9 77.9
108 66.1 53.2 93.2

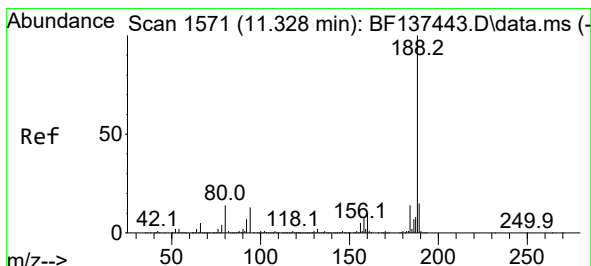
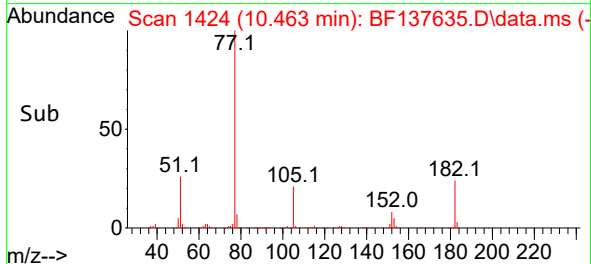
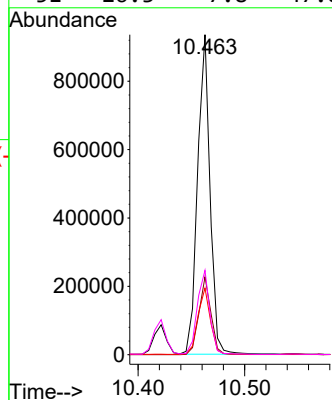
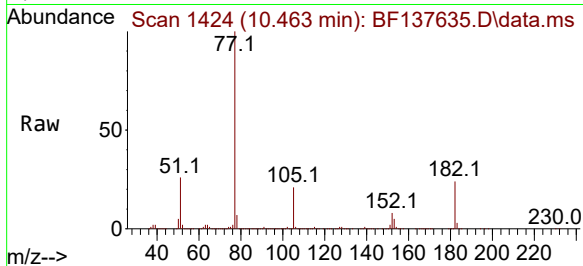




#63
 Azobenzene
 Concen: 38.275 ng
 RT: 10.463 min Scan# 1438
 Delta R.T. -0.000 min
 Lab File: BF137635.D
 Acq: 18 Mar 2024 17:06

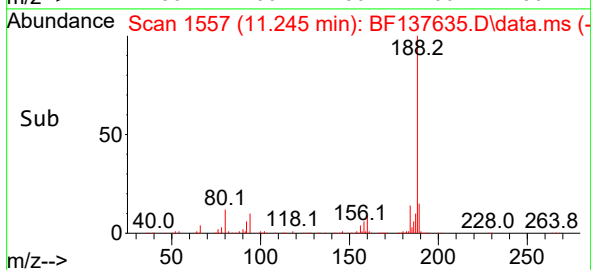
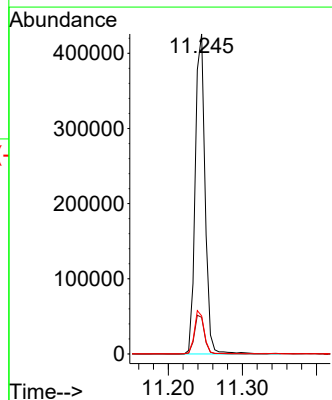
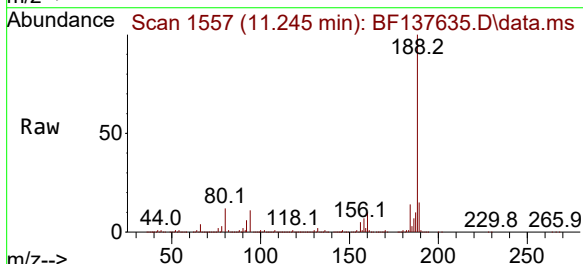
Instrument :
 BNA_F
 ClientSampleId :
 TP9MSD

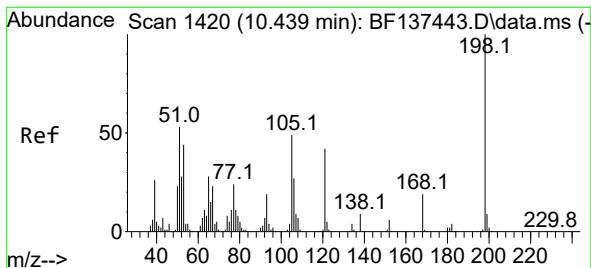
Tgt Ion: 77	Resp: 760041
Ion Ratio	Lower Upper
77 100	
182 24.3	3.2 43.2
105 20.8	1.2 41.2
51 26.3	7.8 47.8



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.245 min Scan# 1557
 Delta R.T. 0.006 min
 Lab File: BF137635.D
 Acq: 18 Mar 2024 17:06

Tgt Ion:188	Resp: 391970
Ion Ratio	Lower Upper
188 100	
94 11.5	10.6 15.8
80 11.9	11.5 17.3

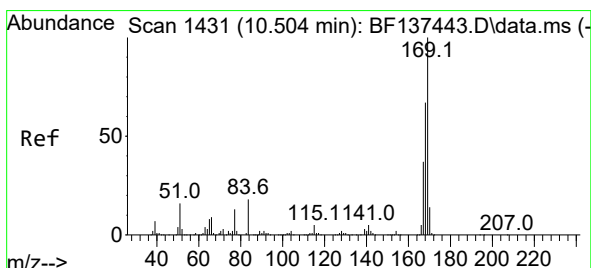
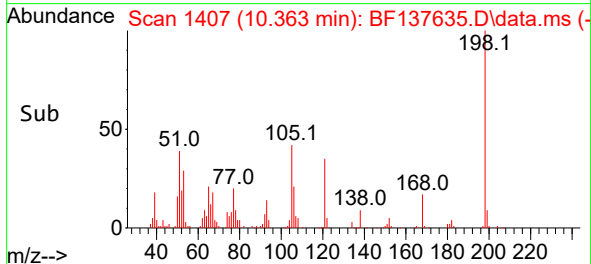
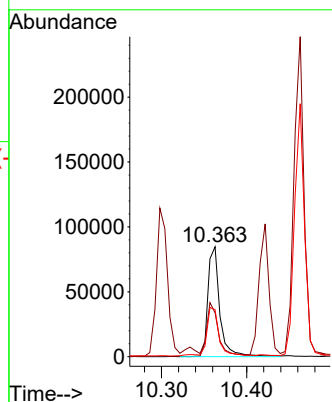
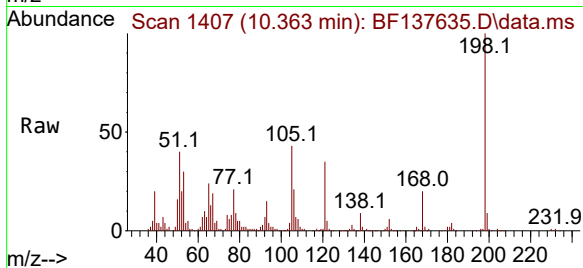




#65
4,6-Dinitro-2-methylphenol
Concen: 37.540 ng
RT: 10.363 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF137635.D
Acq: 18 Mar 2024 17:06

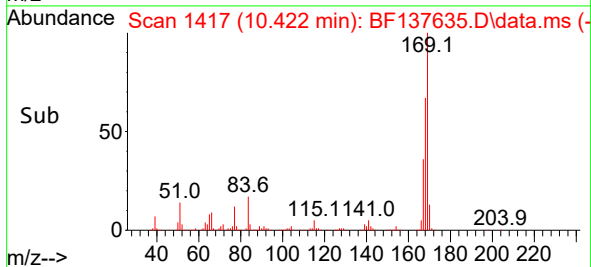
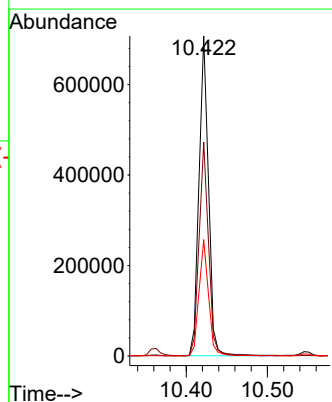
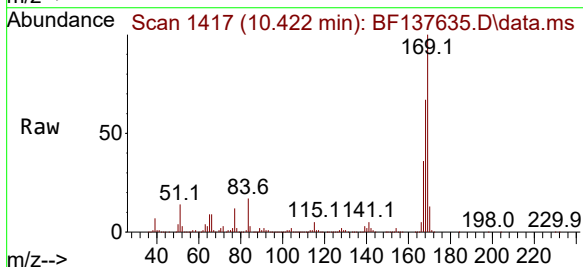
Instrument :
BNA_F
ClientSampleId :
TP9MSD

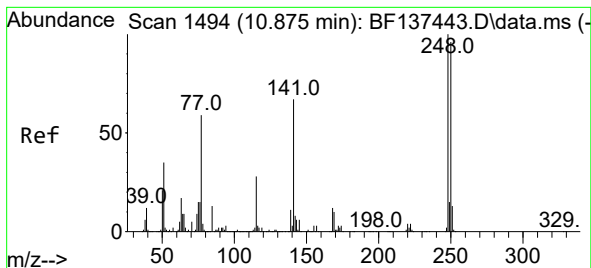
Tgt Ion:198 Resp: 82011
Ion Ratio Lower Upper
198 100
51 39.8 37.2 77.2
105 42.7 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 46.040 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF137635.D
Acq: 18 Mar 2024 17:06

Tgt Ion:169 Resp: 581118
Ion Ratio Lower Upper
169 100
168 66.9 53.8 80.6
167 36.4 29.6 44.4

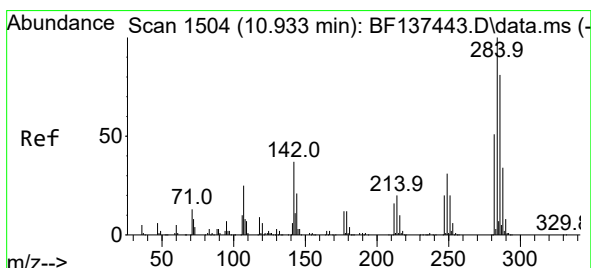
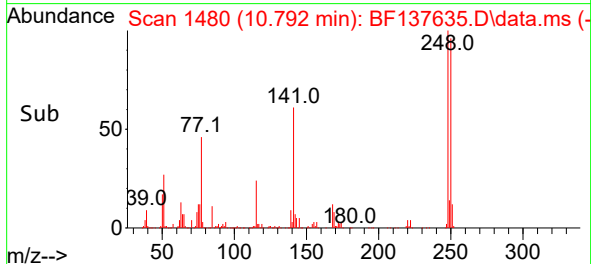
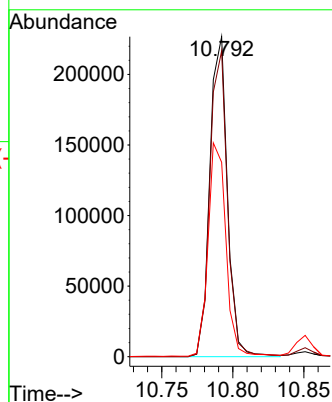
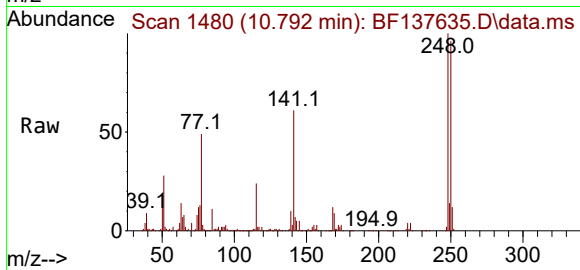




#67
4-Bromophenyl-phenylether
Concen: 45.898 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.000 min
Lab File: BF137635.D
Acq: 18 Mar 2024 17:06

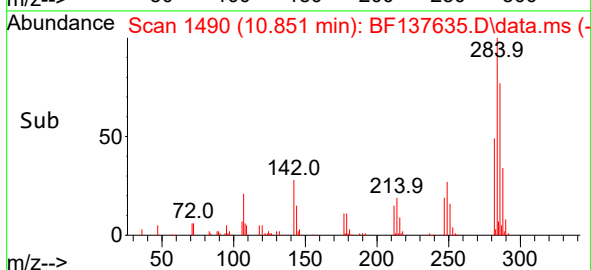
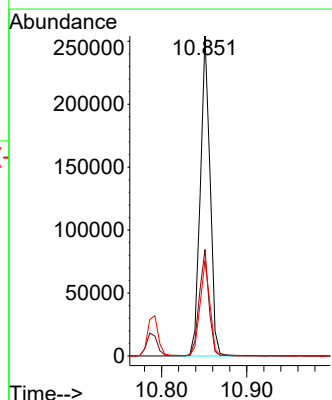
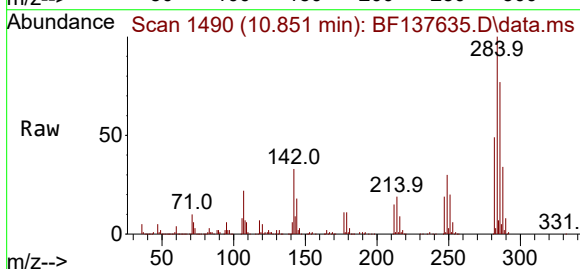
Instrument :
BNA_F
ClientSampleId :
TP9MSD

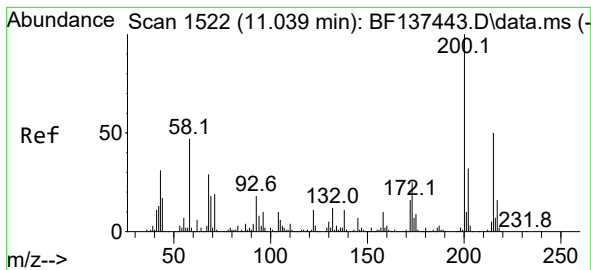
Tgt Ion:248 Resp: 195952
Ion Ratio Lower Upper
248 100
250 95.5 76.8 115.2
141 60.7 53.4 80.0



#68
Hexachlorobenzene
Concen: 46.908 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF137635.D
Acq: 18 Mar 2024 17:06

Tgt Ion:284 Resp: 202267
Ion Ratio Lower Upper
284 100
142 33.3 29.4 44.0
249 29.6 25.0 37.4





#69

Atrazine

Concen: 46.507 ng

RT: 10.951 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137635.D

Acq: 18 Mar 2024 17:06

Instrument :

BNA_F

ClientSampleId :

TP9MSD

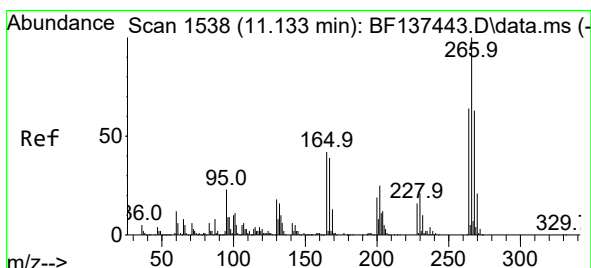
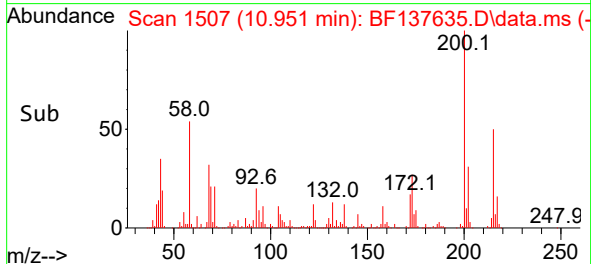
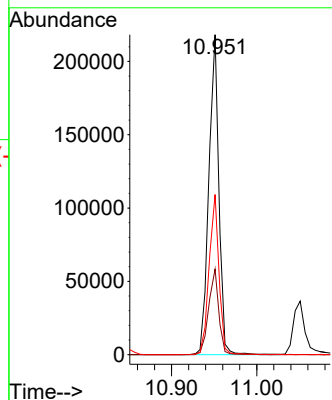
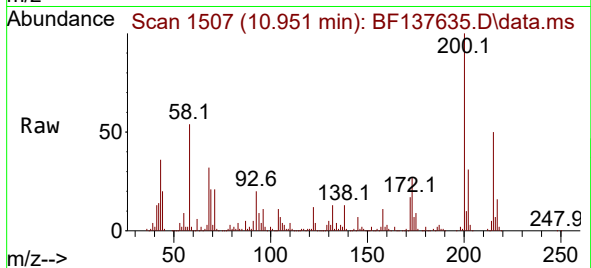
Tgt Ion:200 Resp: 178447

Ion Ratio Lower Upper

200 100

173 26.7 5.1 45.1

215 50.0 30.4 70.4



#70

Pentachlorophenol

Concen: 75.846 ng

RT: 11.051 min Scan# 1524

Delta R.T. 0.006 min

Lab File: BF137635.D

Acq: 18 Mar 2024 17:06

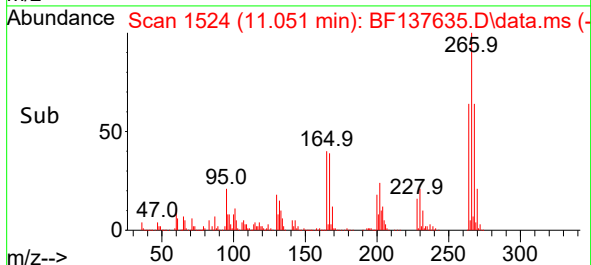
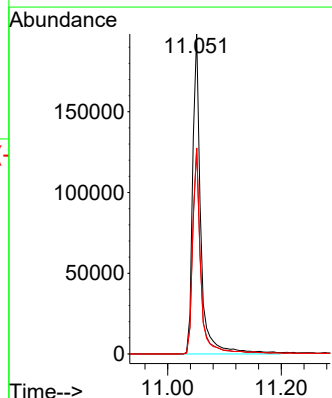
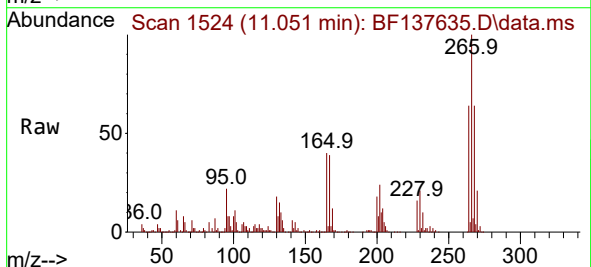
Tgt Ion:266 Resp: 197707

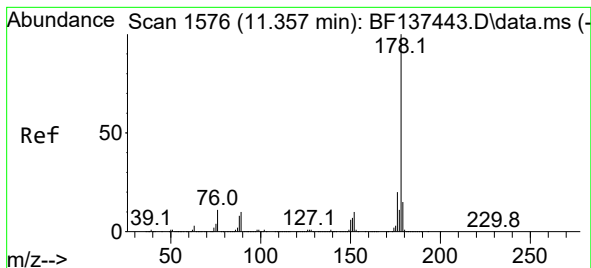
Ion Ratio Lower Upper

266 100

268 64.4 50.2 75.2

264 64.4 50.9 76.3





#71

Phenanthrene

Concen: 41.560 ng

RT: 11.269 min Scan# 1561

Delta R.T. -0.000 min

Lab File: BF137635.D

Acq: 18 Mar 2024 17:06

Instrument :

BNA_F

ClientSampleId :

TP9MSD

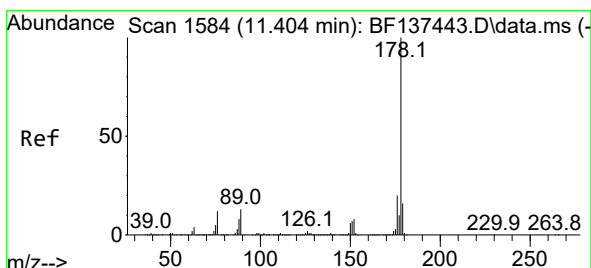
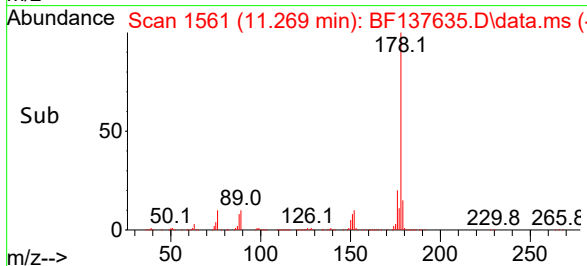
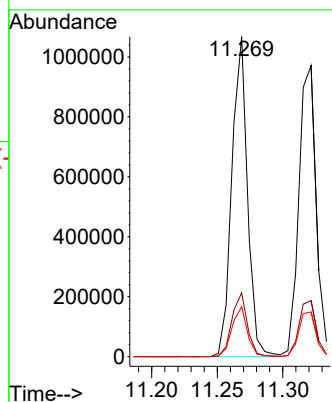
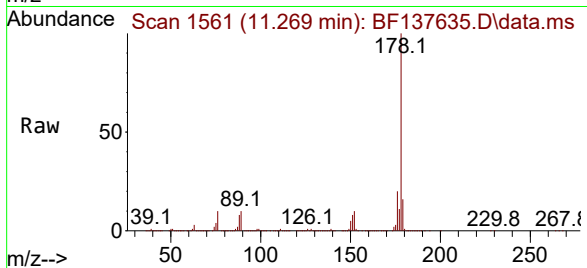
Tgt Ion:178 Resp: 886560

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.8

179 15.6 12.2 18.2



#72

Anthracene

Concen: 41.593 ng

RT: 11.322 min Scan# 1570

Delta R.T. 0.006 min

Lab File: BF137635.D

Acq: 18 Mar 2024 17:06

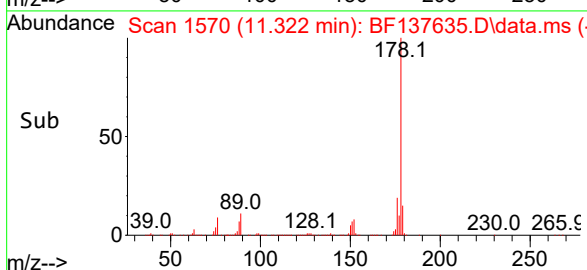
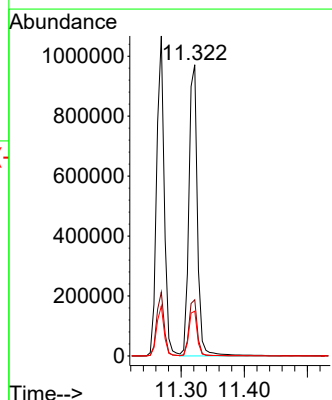
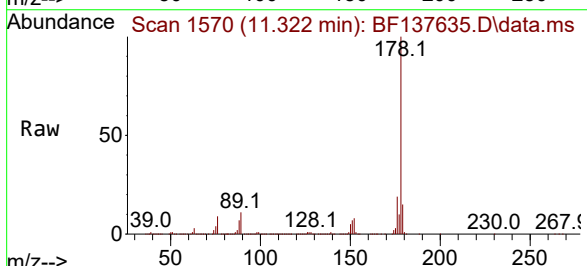
Tgt Ion:178 Resp: 911257

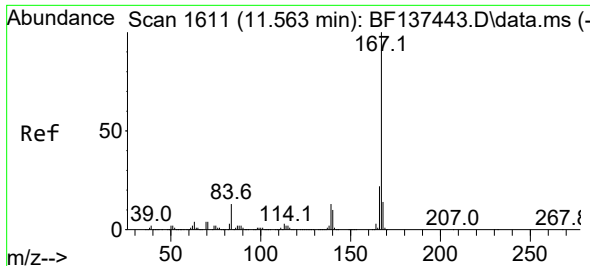
Ion Ratio Lower Upper

178 100

176 19.3 15.7 23.5

179 15.4 12.7 19.1

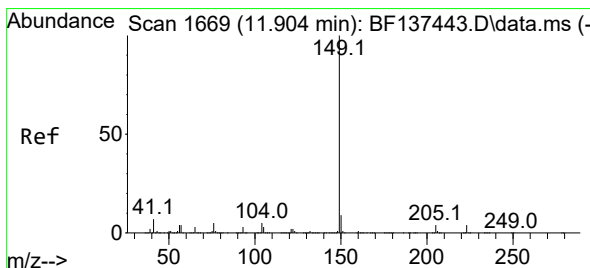
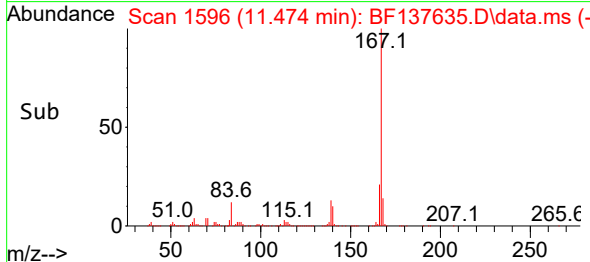
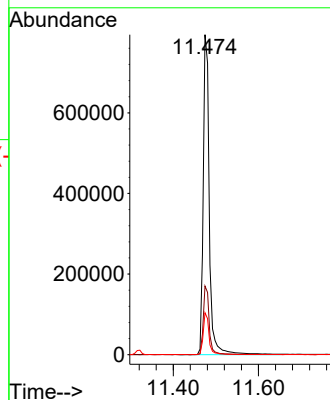
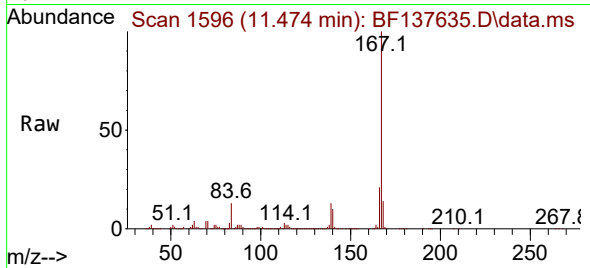




#73
 Carbazole
 Concen: 41.742 ng
 RT: 11.474 min Scan# 1611
 Delta R.T. -0.000 min
 Lab File: BF137635.D
 Acq: 18 Mar 2024 17:06

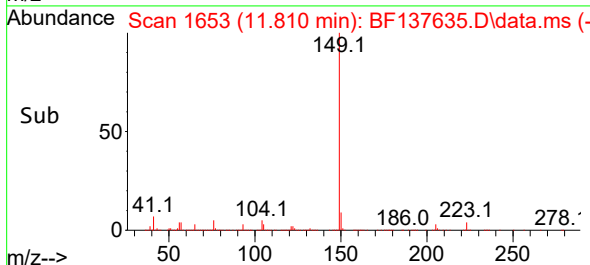
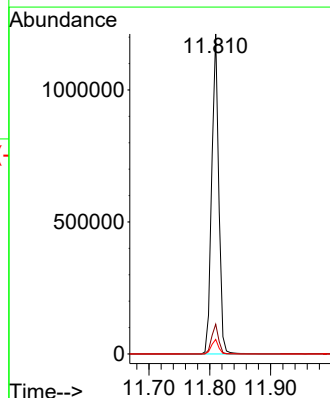
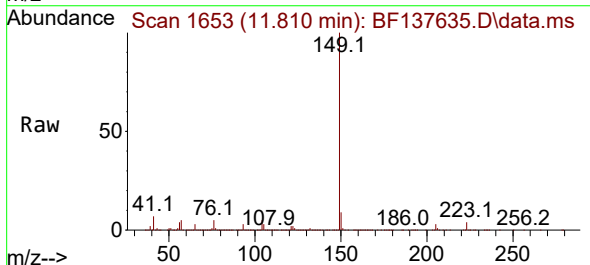
Instrument :
 BNA_F
 ClientSampleId :
 TP9MSD

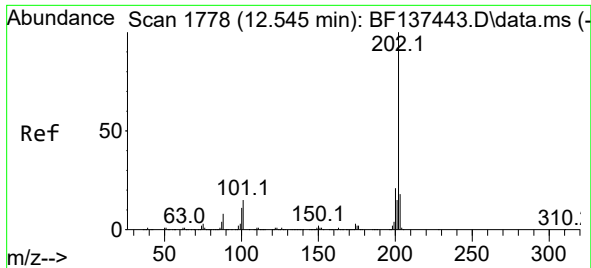
Tgt Ion:167 Resp: 783347
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.8 26.8
 139 13.1 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 43.682 ng
 RT: 11.810 min Scan# 1653
 Delta R.T. -0.000 min
 Lab File: BF137635.D
 Acq: 18 Mar 2024 17:06

Tgt Ion:149 Resp: 975328
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 4.5 3.8 5.6

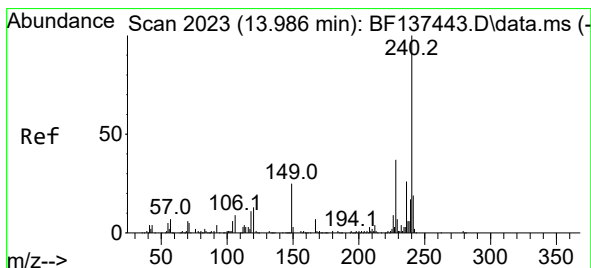
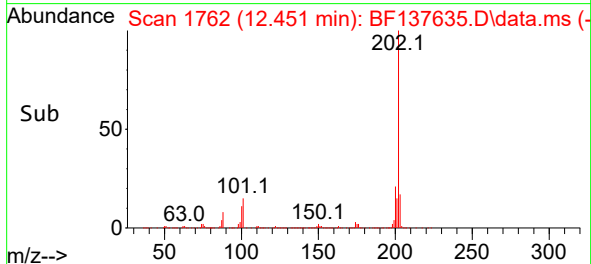
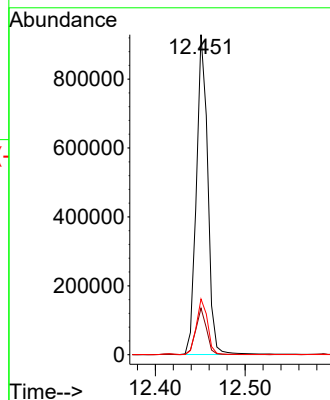
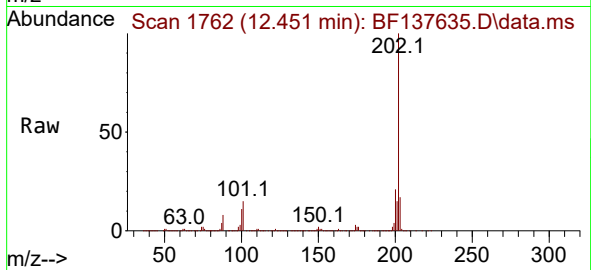




#75
Fluoranthene
Concen: 39.097 ng
RT: 12.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF137635.D
Acq: 18 Mar 2024 17:06

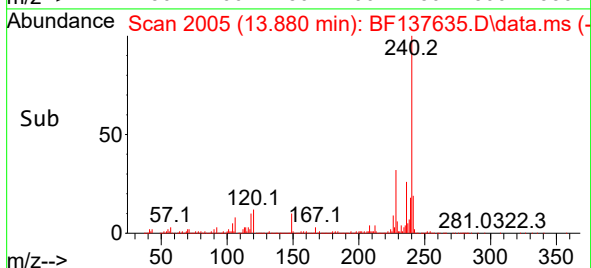
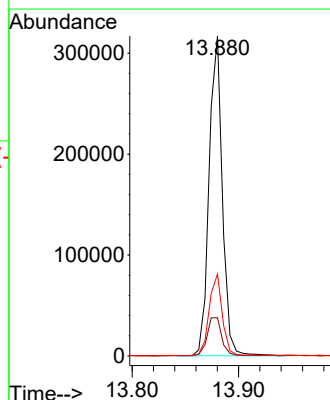
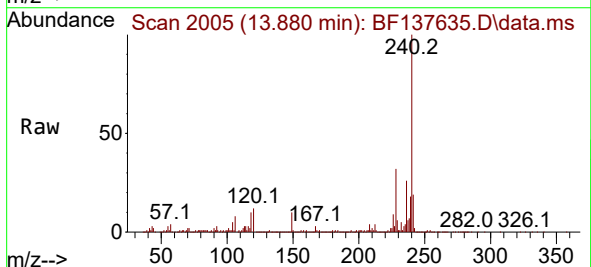
Instrument :
BNA_F
ClientSampleId :
TP9MSD

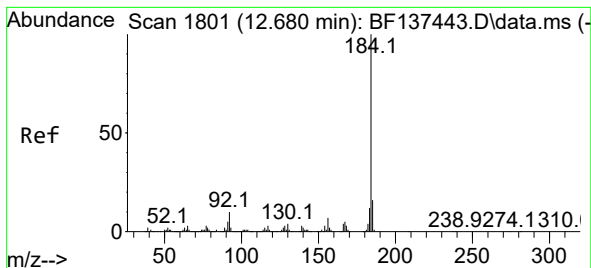
Tgt Ion:202 Resp: 815224
Ion Ratio Lower Upper
202 100
101 14.6 0.0 35.0
203 17.4 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BF137635.D
Acq: 18 Mar 2024 17:06

Tgt Ion:240 Resp: 274931
Ion Ratio Lower Upper
240 100
120 11.9 10.4 15.6
236 25.6 20.9 31.3





#77

Benzidine

Concen: 55.351 ng

RT: 12.586 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137635.D

Acq: 18 Mar 2024 17:06

Instrument :

BNA_F

ClientSampleId :

TP9MSD

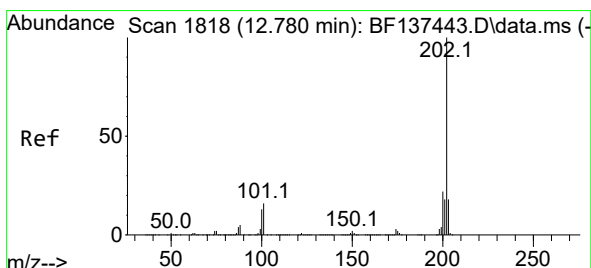
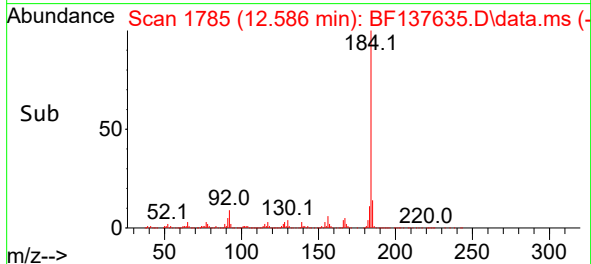
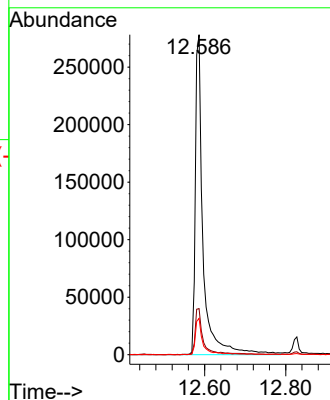
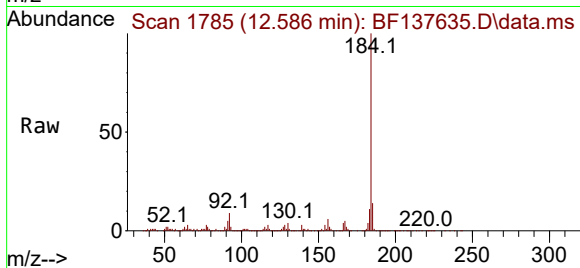
Tgt Ion:184 Resp: 372413

Ion Ratio Lower Upper

184 100

185 14.4 13.2 19.8

183 11.4 9.3 13.9



#78

Pyrene

Concen: 31.226 ng

RT: 12.680 min Scan# 1801

Delta R.T. -0.000 min

Lab File: BF137635.D

Acq: 18 Mar 2024 17:06

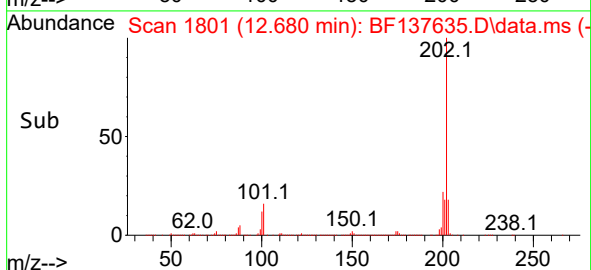
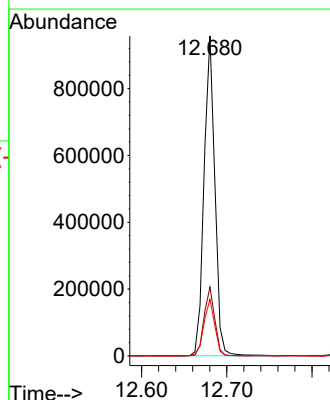
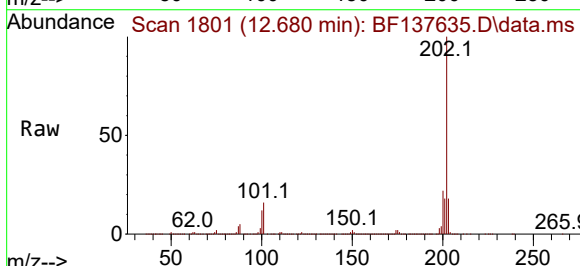
Tgt Ion:202 Resp: 842378

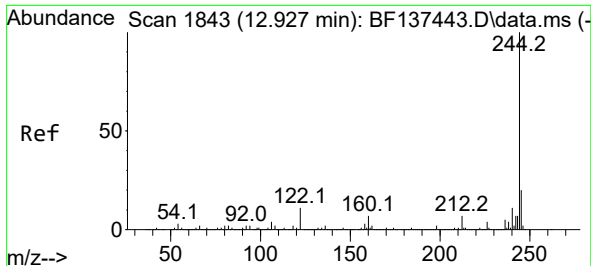
Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

203 17.7 14.1 21.1

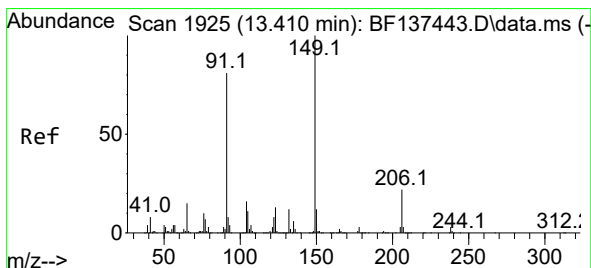
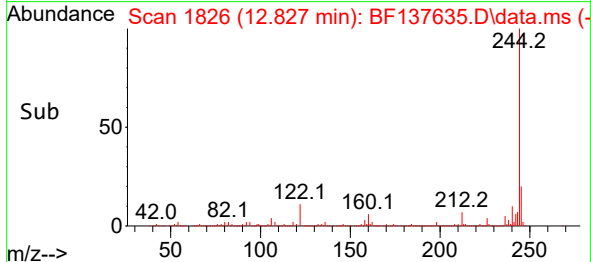
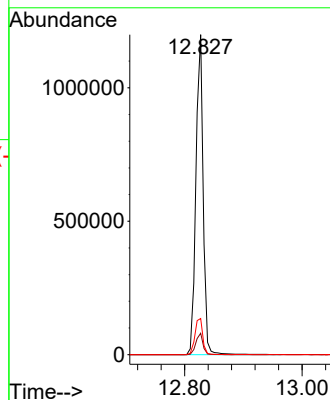
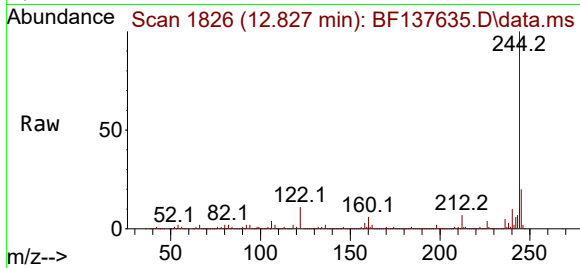




#79
 Terphenyl-d14
 Concen: 51.511 ng
 RT: 12.827 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF137635.D
 Acq: 18 Mar 2024 17:06

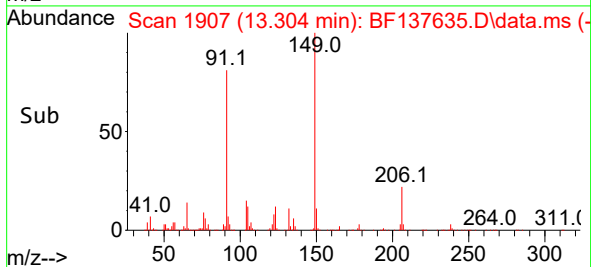
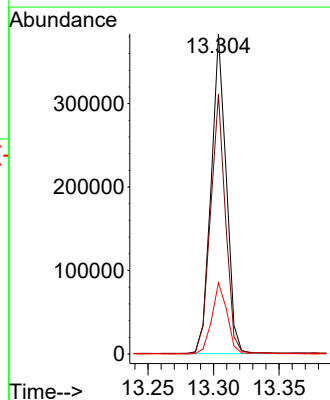
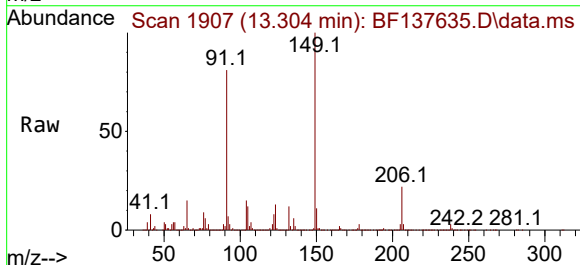
Instrument :
 BNA_F
 ClientSampleId :
 TP9MSD

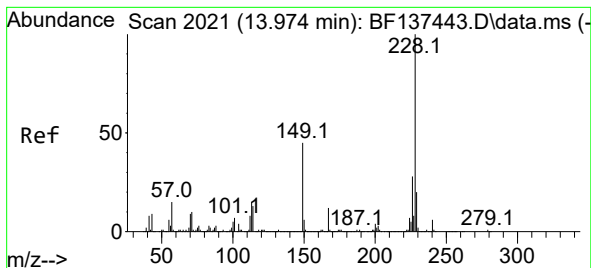
Tgt Ion:244 Resp: 1029877
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 11.3 9.1 13.7



#80
 Butylbenzylphthalate
 Concen: 44.699 ng
 RT: 13.304 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: BF137635.D
 Acq: 18 Mar 2024 17:06

Tgt Ion:149 Resp: 307953
 Ion Ratio Lower Upper
 149 100
 91 81.3 64.7 97.1
 206 22.3 17.5 26.3





#81

Benzo(a)anthracene

Concen: 40.777 ng

RT: 13.868 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF137635.D

Acq: 18 Mar 2024 17:06

Instrument :

BNA_F

ClientSampleId :

TP9MSD

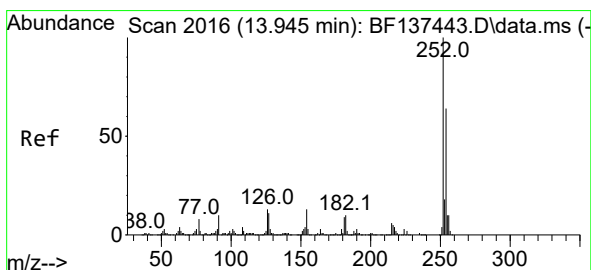
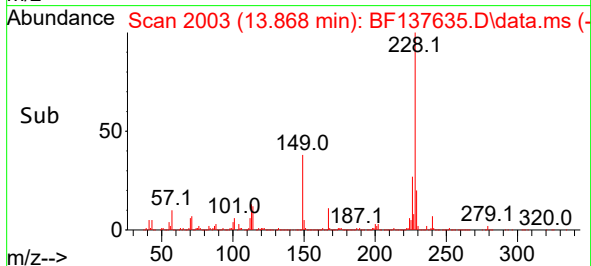
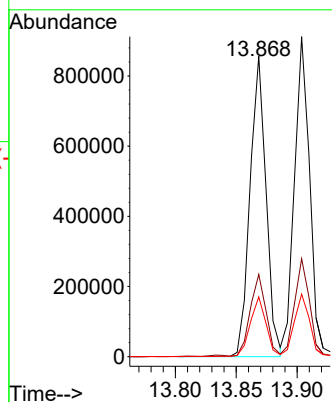
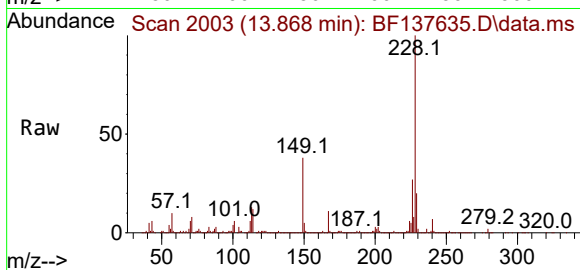
Tgt Ion:228 Resp: 785751

Ion Ratio Lower Upper

228 100

226 27.4 22.3 33.5

229 19.9 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 47.022 ng

RT: 13.833 min Scan# 1997

Delta R.T. -0.000 min

Lab File: BF137635.D

Acq: 18 Mar 2024 17:06

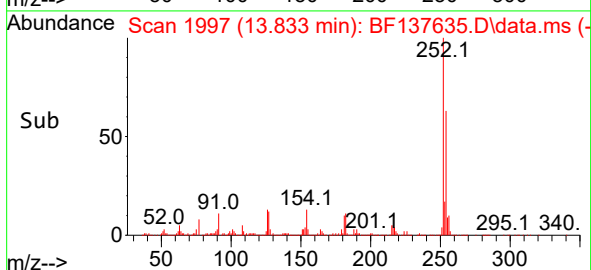
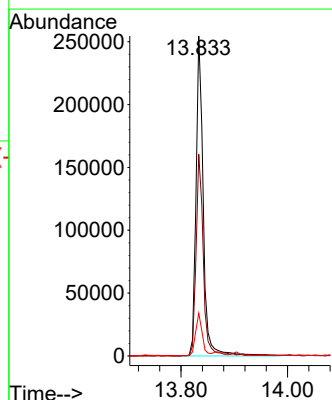
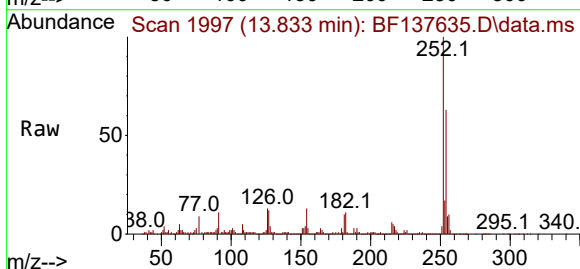
Tgt Ion:252 Resp: 241292

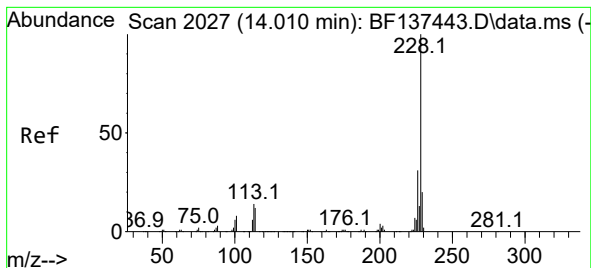
Ion Ratio Lower Upper

252 100

254 63.0 51.4 77.2

126 13.4 10.4 15.6





#83

Chrysene

Concen: 41.134 ng

RT: 13.904 min Scan# 2009

Delta R.T. -0.000 min

Lab File: BF137635.D

Acq: 18 Mar 2024 17:06

Instrument :

BNA_F

ClientSampleId :

TP9MSD

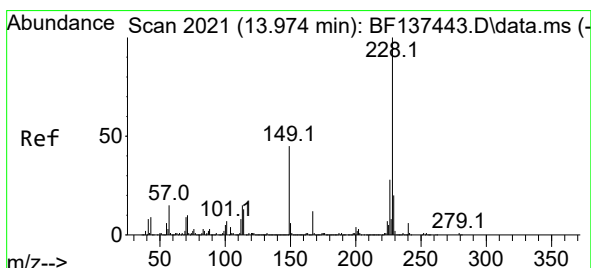
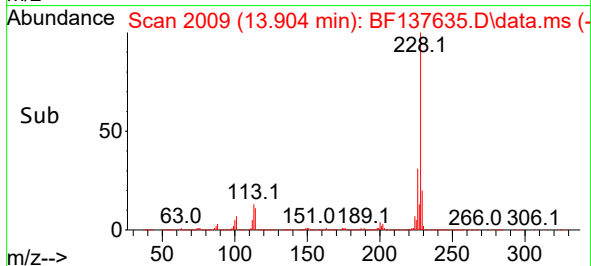
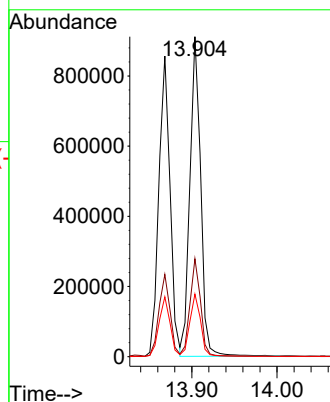
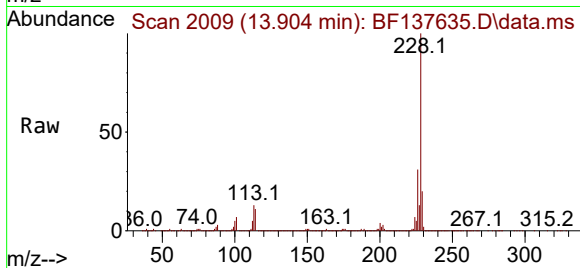
Tgt Ion:228 Resp: 801112

Ion Ratio Lower Upper

228 100

226 30.6 24.7 37.1

229 19.6 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.117 ng

RT: 13.863 min Scan# 2002

Delta R.T. -0.000 min

Lab File: BF137635.D

Acq: 18 Mar 2024 17:06

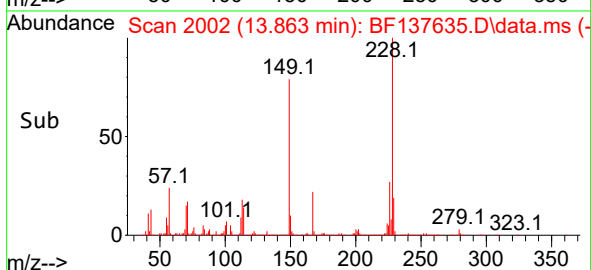
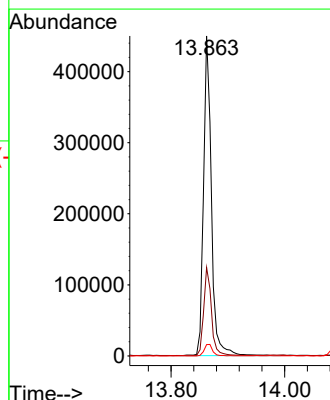
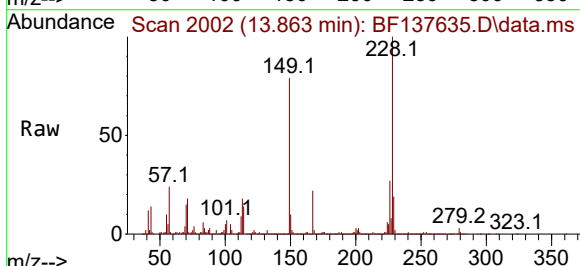
Tgt Ion:149 Resp: 430104

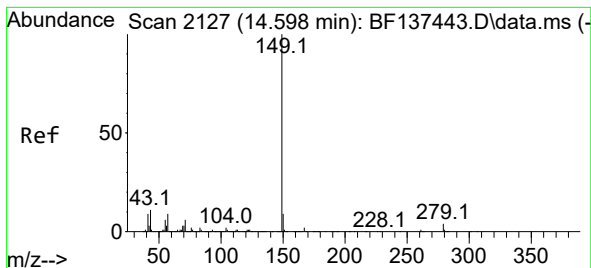
Ion Ratio Lower Upper

149 100

167 27.6 21.3 31.9

279 3.6 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 48.312 ng

RT: 14.474 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF137635.D

Acq: 18 Mar 2024 17:06

Instrument :

BNA_F

ClientSampleId :

TP9MSD

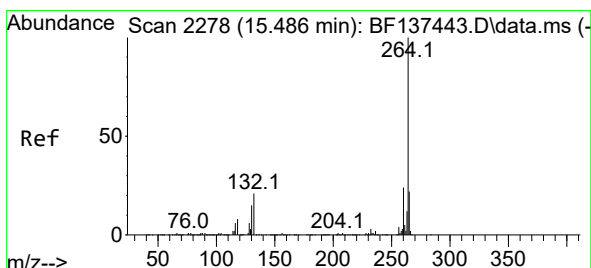
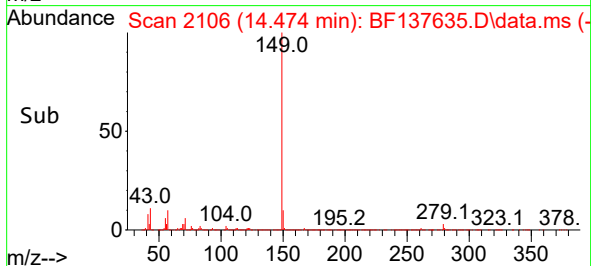
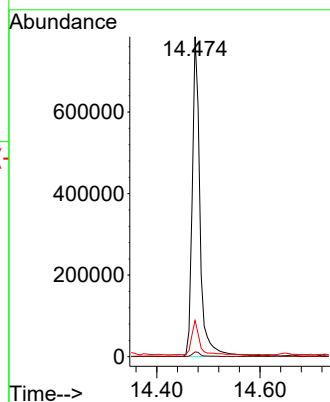
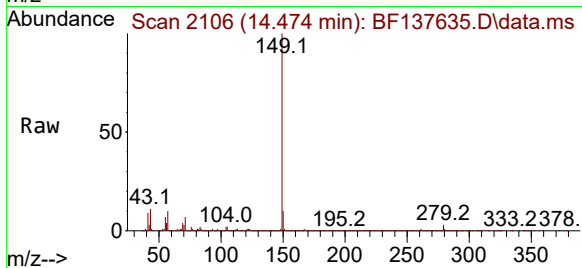
Tgt Ion:149 Resp: 816053

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.8 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 2246

Delta R.T. -0.000 min

Lab File: BF137635.D

Acq: 18 Mar 2024 17:06

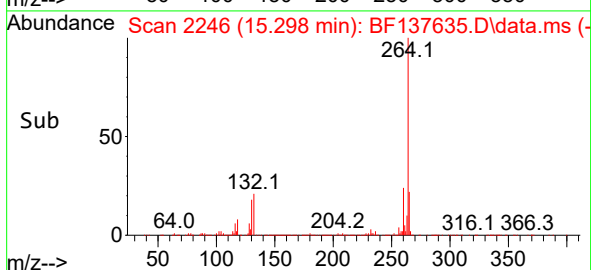
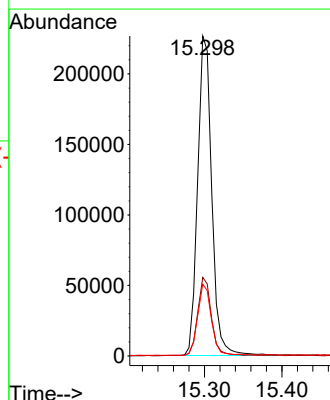
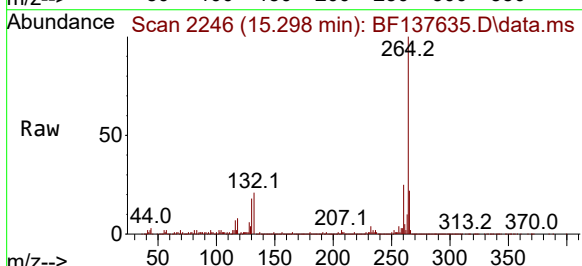
Tgt Ion:264 Resp: 286879

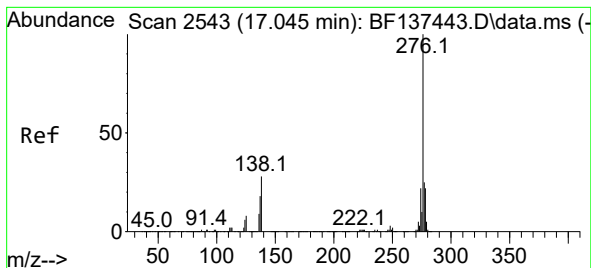
Ion Ratio Lower Upper

264 100

260 24.5 19.3 28.9

265 22.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 31.875 ng

RT: 16.692 min Scan# 2177

Delta R.T. 0.006 min

Lab File: BF137635.D

Acq: 18 Mar 2024 17:06

Instrument :

BNA_F

ClientSampleId :

TP9MSD

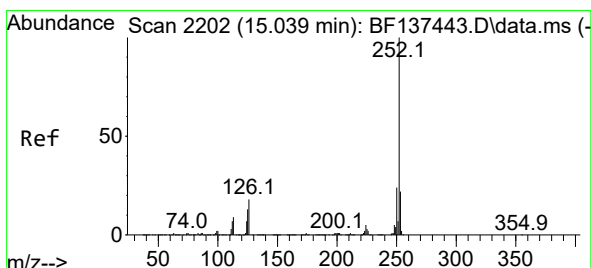
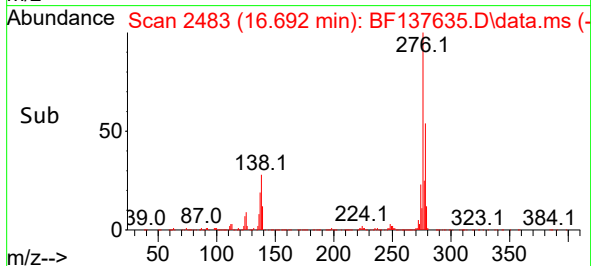
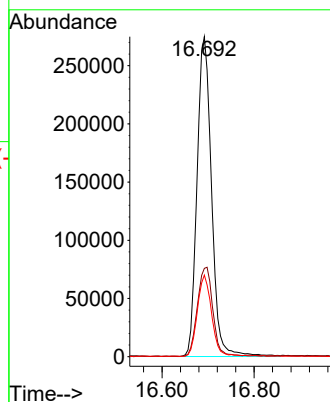
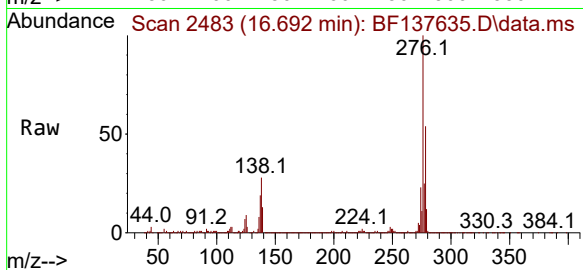
Tgt Ion:276 Resp: 601759

Ion Ratio Lower Upper

276 100

138 29.5 25.8 38.8

277 24.9 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 47.278 ng

RT: 14.892 min Scan# 2177

Delta R.T. -0.000 min

Lab File: BF137635.D

Acq: 18 Mar 2024 17:06

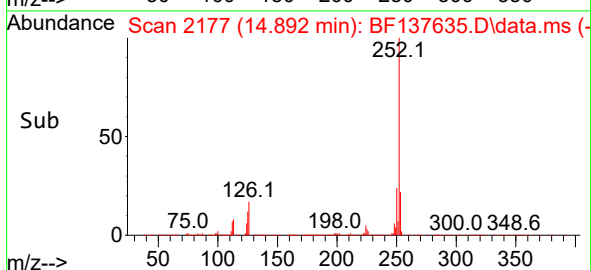
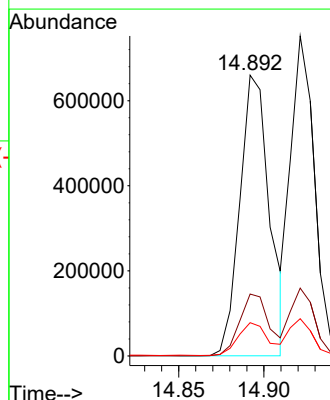
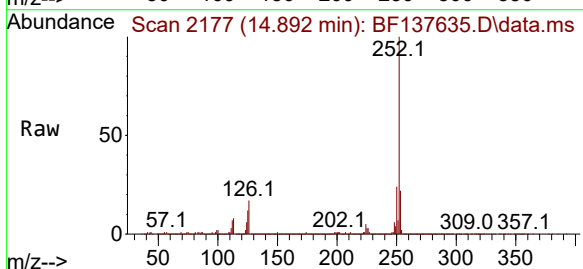
Tgt Ion:252 Resp: 802312

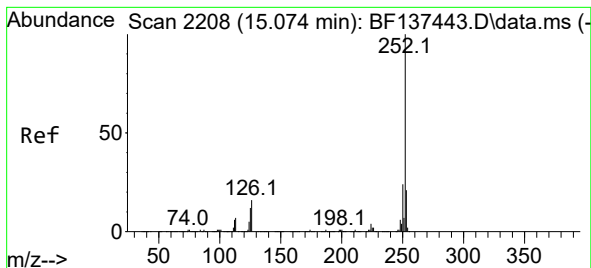
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 11.9 10.1 15.1





#89

Benzo(k)fluoranthene

Concen: 40.393 ng

RT: 14.921 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF137635.D

Acq: 18 Mar 2024 17:06

Instrument :

BNA_F

ClientSampleId :

TP9MSD

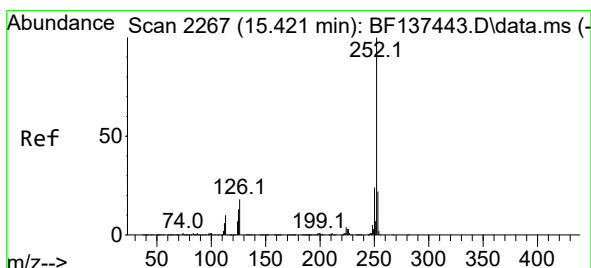
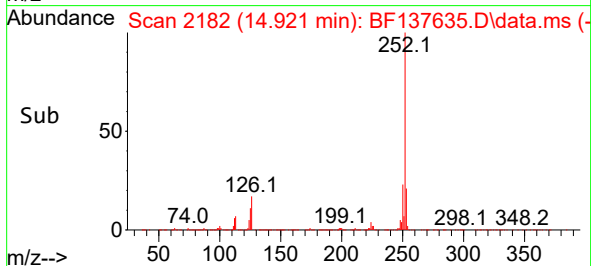
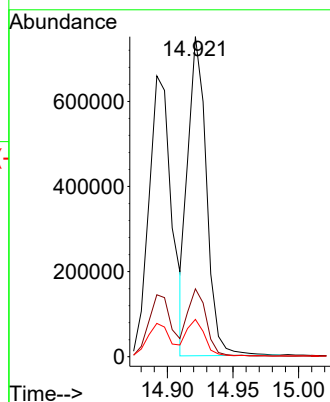
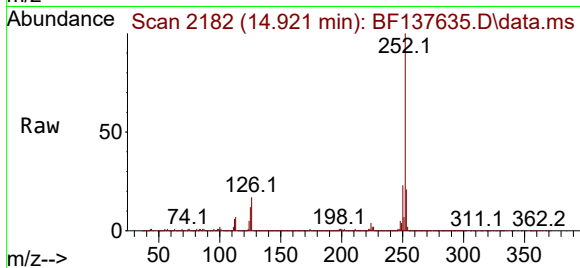
Tgt Ion:252 Resp: 736257

Ion Ratio Lower Upper

252 100

253 21.2 17.3 25.9

125 11.6 9.6 14.4



#90

Benzo(a)pyrene

Concen: 41.549 ng

RT: 15.245 min Scan# 2237

Delta R.T. 0.006 min

Lab File: BF137635.D

Acq: 18 Mar 2024 17:06

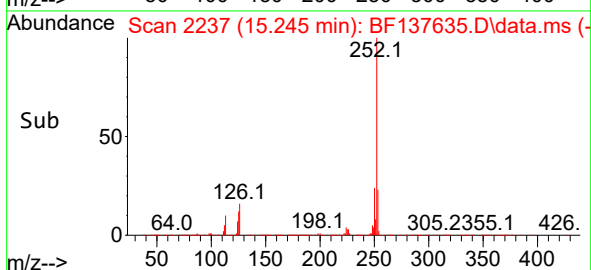
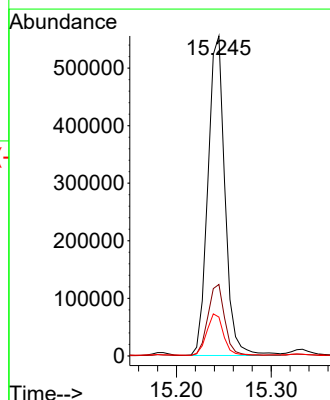
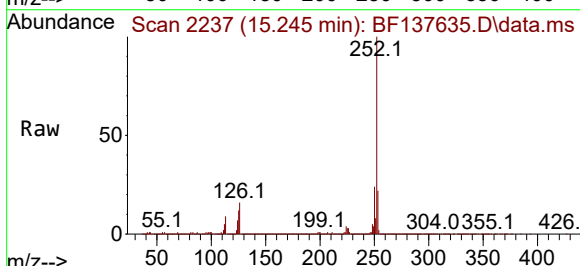
Tgt Ion:252 Resp: 694823

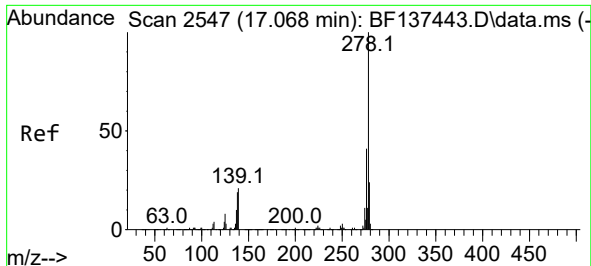
Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

125 12.1 10.4 15.6

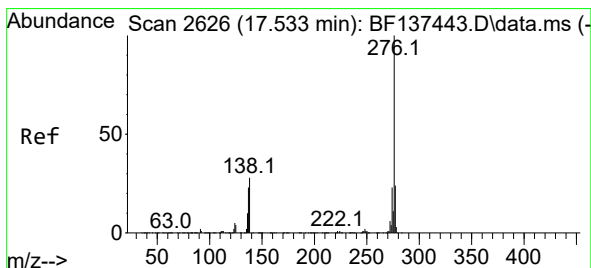
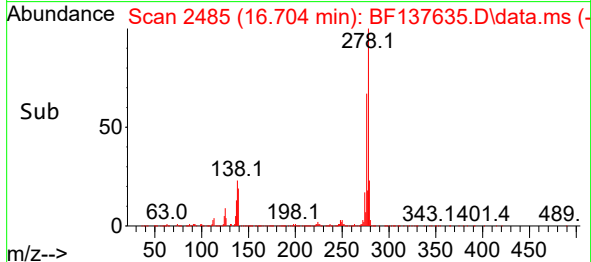
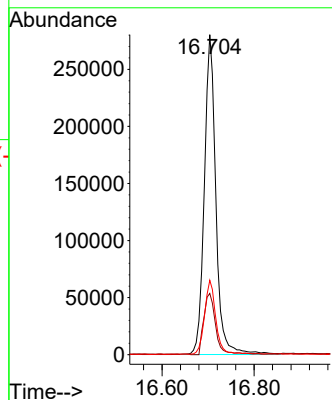
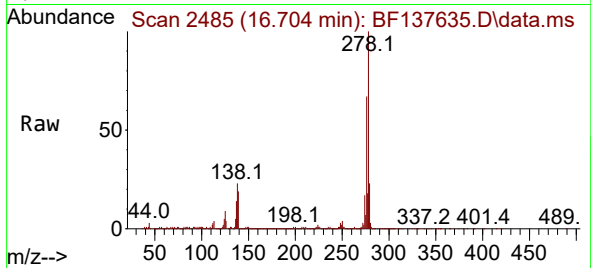




#91
Dibenzo(a,h)anthracene
Concen: 32.039 ng
RT: 16.704 min Scan# 24
Delta R.T. 0.006 min
Lab File: BF137635.D
Acq: 18 Mar 2024 17:06

Instrument :
BNA_F
ClientSampleId :
TP9MSD

Tgt Ion:278 Resp: 490667
Ion Ratio Lower Upper
278 100
139 19.2 17.0 25.6
279 23.3 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 28.166 ng
RT: 17.104 min Scan# 2553
Delta R.T. -0.000 min
Lab File: BF137635.D
Acq: 18 Mar 2024 17:06

Tgt Ion:276 Resp: 442986
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.4
138 27.3 22.2 33.2

