

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012524\
 Data File : BF137151.D
 Acq On : 25 Jan 2024 17:03
 Operator : CG\JU
 Sample : PB158626BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158626BS

Quant Time: Jan 25 23:38:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 23:14:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	72230	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	283683	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	162697	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	318298	20.000	ng	0.00
76) Chrysene-d12	13.992	240	202408	20.000	ng	0.00
86) Perylene-d12	15.474	264	162117	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	603623	123.811	ng	0.02
7) Phenol-d6	6.451	99	793549	123.796	ng	0.00
23) Nitrobenzene-d5	7.375	82	511085	84.456	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	236355	138.101	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	910372	77.899	ng	0.00
79) Terphenyl-d14	12.939	244	1171706	82.779	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	75968	32.249	ng	97
3) Pyridine	3.434	79	180871	31.814	ng	97
4) n-Nitrosodimethylamine	3.398	42	131912	39.818	ng	99
6) Aniline	6.481	93	159268	20.594	ng	99
8) 2-Chlorophenol	6.598	128	212037	42.373	ng	99
9) Benzaldehyde	6.363	77	76281	22.684	ng	99
10) Phenol	6.463	94	291177	39.762	ng	99
11) bis(2-Chloroethyl)ether	6.557	93	220828	41.362	ng	99
12) 1,3-Dichlorobenzene	6.757	146	231181	40.442	ng	99
13) 1,4-Dichlorobenzene	6.834	146	235308	40.698	ng	99
14) 1,2-Dichlorobenzene	6.981	146	222810	40.778	ng	98
15) Benzyl Alcohol	6.957	79	209638	40.340	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.092	45	366612	38.918	ng	97
17) 2-Methylphenol	7.063	107	182860	42.641	ng	99
18) Hexachloroethane	7.322	117	82462	42.252	ng	92
19) n-Nitroso-di-n-propyla...	7.234	70	179806	41.459	ng	97
20) 3+4-Methylphenols	7.216	107	228599	42.183	ng	92
22) Acetophenone	7.222	105	321599	39.877	ng	# 86
24) Nitrobenzene	7.392	77	263857	43.360	ng	96
25) Isophorone	7.633	82	487126	40.766	ng	99
26) 2-Nitrophenol	7.710	139	91092	43.994	ng	95
27) 2,4-Dimethylphenol	7.745	122	172080	47.626	ng	98
28) bis(2-Chloroethoxy)met...	7.845	93	271355	40.306	ng	99
29) 2,4-Dichlorophenol	7.945	162	183768	42.311	ng	97
30) 1,2,4-Trichlorobenzene	8.033	180	205087	40.101	ng	99
31) Naphthalene	8.116	128	622809	40.657	ng	99
32) Benzoic acid	7.869	122	101865	43.745	ng	97
33) 4-Chloroaniline	8.163	127	117331	20.289	ng	98
34) Hexachlorobutadiene	8.233	225	136928	40.450	ng	99
35) Caprolactam	8.528	113	31222	23.828	ng	# 86
36) 4-Chloro-3-methylphenol	8.645	107	210211	42.491	ng	95
37) 2-Methylnaphthalene	8.804	142	413819	40.111	ng	99
38) 1-Methylnaphthalene	8.904	142	396521	41.365	ng	99
40) 1,2,4,5-Tetrachloroben...	8.969	216	223536	40.418	ng	99
41) Hexachlorocyclopentadiene	8.957	237	225336	100.226	ng	100
43) 2,4,6-Trichlorophenol	9.080	196	136601	42.001	ng	99

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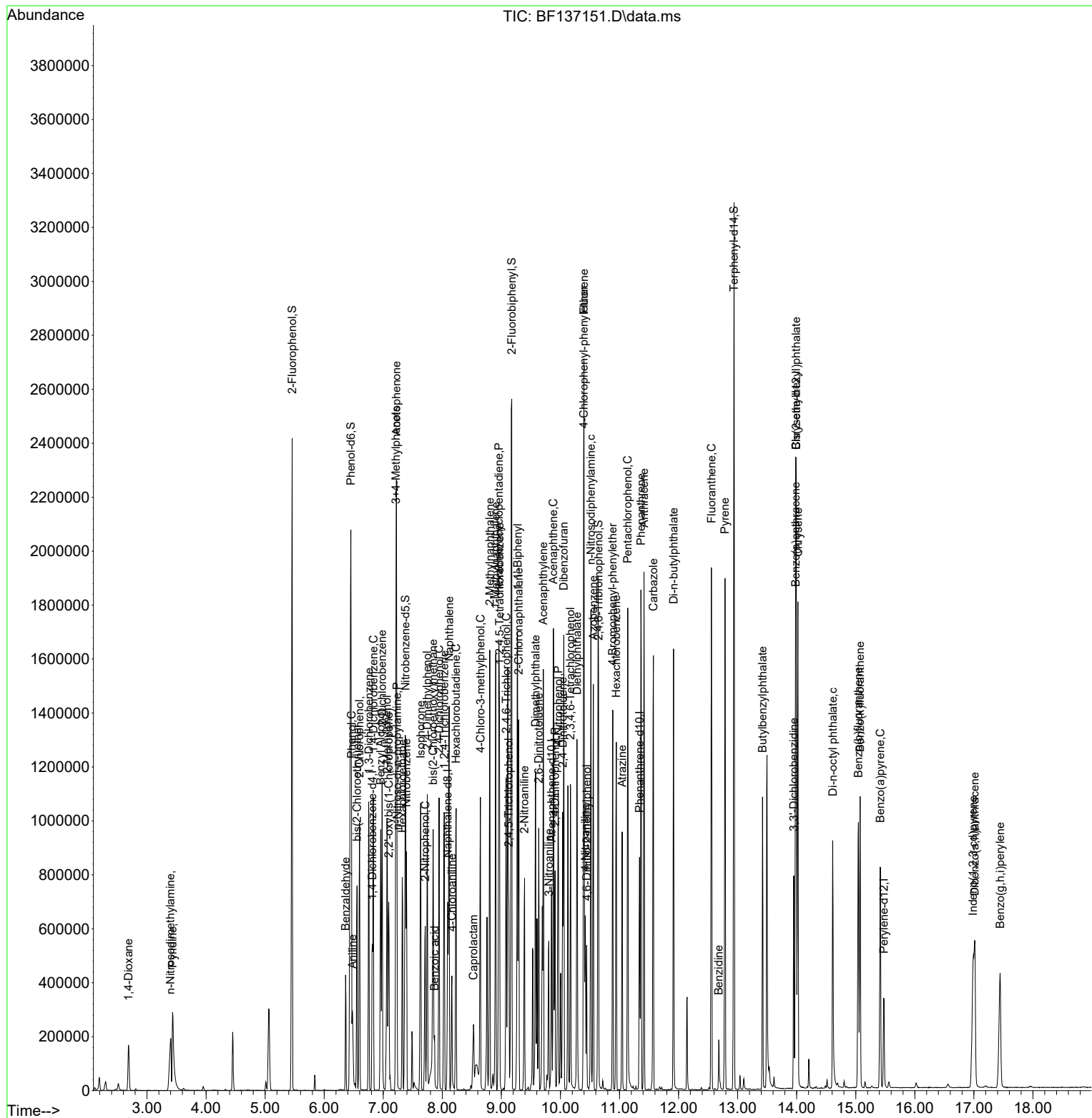
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	149646	42.874	ng	96
46) 1,1'-Biphenyl	9.275	154	532964	41.089	ng	100
47) 2-Chloronaphthalene	9.292	162	391819	41.039	ng	99
48) 2-Nitroaniline	9.392	65	141075	44.493	ng	97
49) Acenaphthylene	9.710	152	628051	40.927	ng	99
50) Dimethylphthalate	9.580	163	471367	42.781	ng	100
51) 2,6-Dinitrotoluene	9.633	165	102117	46.216	ng	95
52) Acenaphthene	9.880	154	385495	40.589	ng	99
53) 3-Nitroaniline	9.804	138	67490	33.542	ng	99
54) 2,4-Dinitrophenol	9.910	184	89634	86.084	ng	97
55) Dibenzofuran	10.057	168	590814	41.238	ng	99
56) 4-Nitrophenol	9.963	139	168027	104.976	ng	97
57) 2,4-Dinitrotoluene	10.039	165	132923	47.340	ng	91
58) Fluorene	10.398	166	452225	41.178	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	140914	46.288	ng	98
60) Diethylphthalate	10.280	149	471065	43.593	ng	98
61) 4-Chlorophenyl-phenyle...	10.392	204	223967	40.913	ng	98
62) 4-Nitroaniline	10.422	138	98656	49.138	ng	98
63) Azobenzene	10.557	77	512815	40.750	ng	99
65) 4,6-Dinitro-2-methylph...	10.445	198	57379	45.692	ng	89
66) n-Nitrosodiphenylamine	10.516	169	410034	42.019	ng	100
67) 4-Bromophenyl-phenylether	10.886	248	151779	41.385	ng	98
68) Hexachlorobenzene	10.945	284	161291	41.814	ng	98
69) Atrazine	11.045	200	105012	33.403	ng	98
70) Pentachlorophenol	11.139	266	207260	94.293	ng	97
71) Phenanthrene	11.363	178	702418	41.704	ng	100
72) Anthracene	11.416	178	711466	41.466	ng	99
73) Carbazole	11.574	167	628916	42.926	ng	99
74) Di-n-butylphthalate	11.916	149	726875	47.380	ng	100
75) Fluoranthene	12.557	202	774127	44.291	ng	100
77) Benzidine	12.680	184	74308	18.931	ng	97
78) Pyrene	12.786	202	783056	42.897	ng	99
80) Butylbenzylphthalate	13.421	149	201590	52.165	ng	98
81) Benzo(a)anthracene	13.980	228	642260	43.377	ng	98
82) 3,3'-Dichlorobenzidine	13.951	252	152448	41.645	ng	99
83) Chrysene	14.021	228	603309	42.990	ng	100
84) Bis(2-ethylhexyl)phtha...	13.992	149	304102	48.990	ng	100
85) Di-n-octyl phthalate	14.610	149	472455	49.510	ng	97
87) Indeno(1,2,3-cd)pyrene	16.986	276	479941	44.095	ng	100
88) Benzo(b)fluoranthene	15.045	252	501809	47.176	ng	99
89) Benzo(k)fluoranthene	15.074	252	470909	45.308	ng	98
90) Benzo(a)pyrene	15.415	252	414005	44.059	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	401841	45.807	ng	98
92) Benzo(g,h,i)perylene	17.445	276	387130	45.822	ng	99

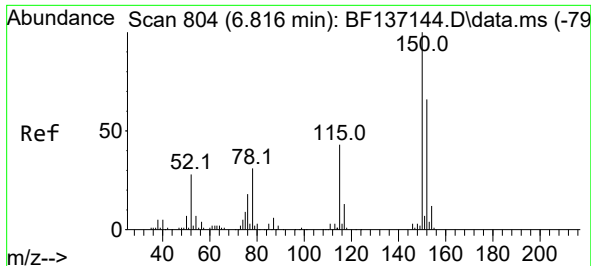
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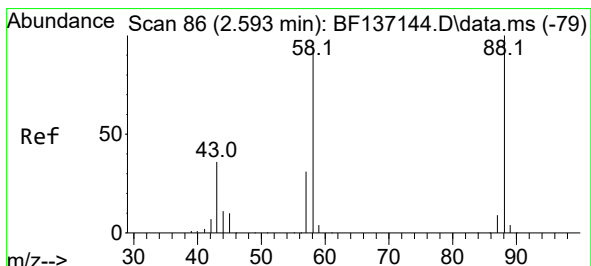
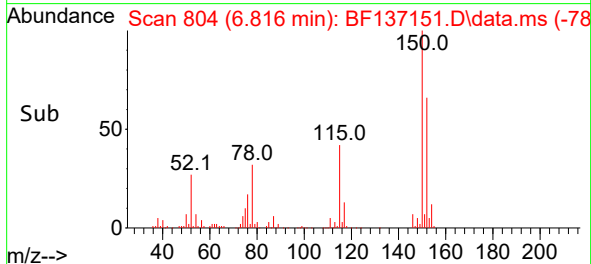
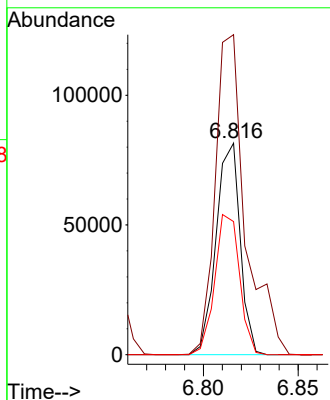
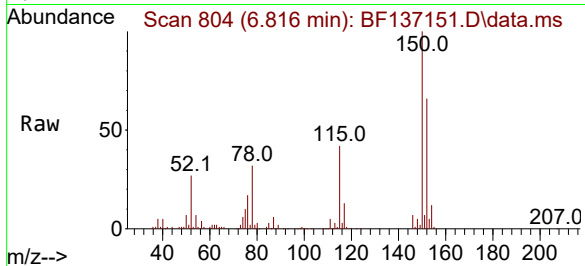




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF137151.D
 Acq: 25 Jan 2024 17:03

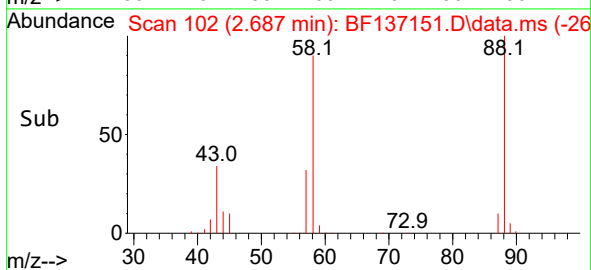
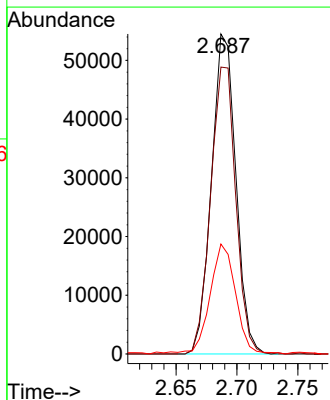
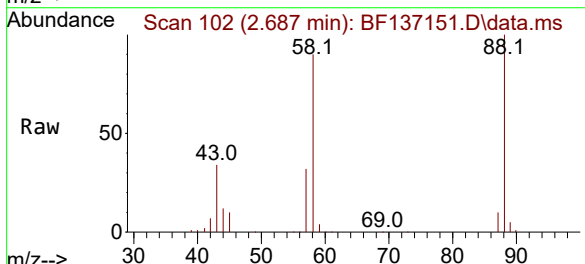
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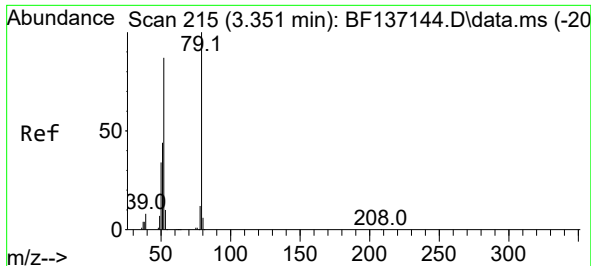
Tgt Ion:152 Resp: 72230
 Ion Ratio Lower Upper
 152 100
 150 151.3 121.2 181.8
 115 62.9 52.5 78.7



#2
 1,4-Dioxane
 Concen: 32.249 ng
 RT: 2.687 min Scan# 102
 Delta R.T. 0.094 min
 Lab File: BF137151.D
 Acq: 25 Jan 2024 17:03

Tgt Ion: 88 Resp: 75968
 Ion Ratio Lower Upper
 88 100
 58 92.4 76.9 115.3
 43 36.4 29.8 44.8

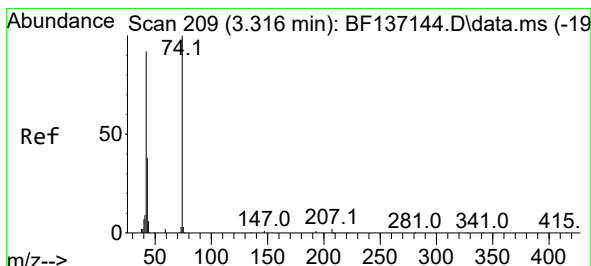
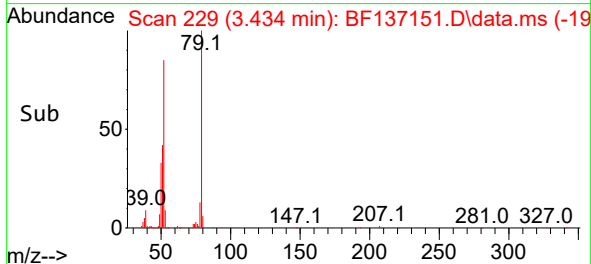
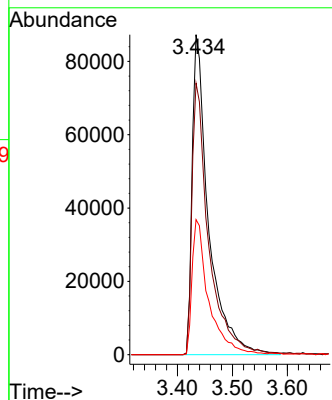
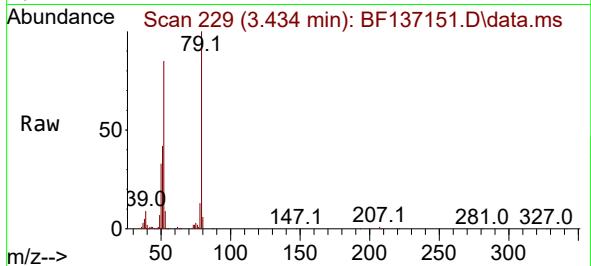




#3
Pyridine
Concen: 31.814 ng
RT: 3.434 min Scan# 215
Delta R.T. 0.082 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

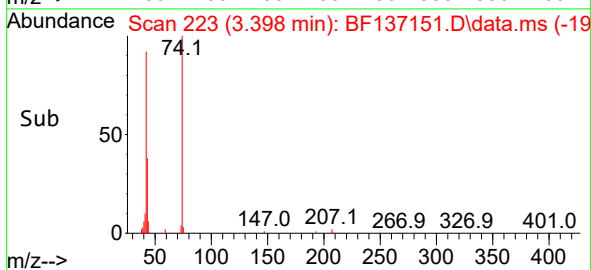
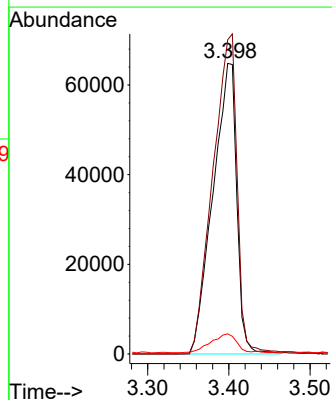
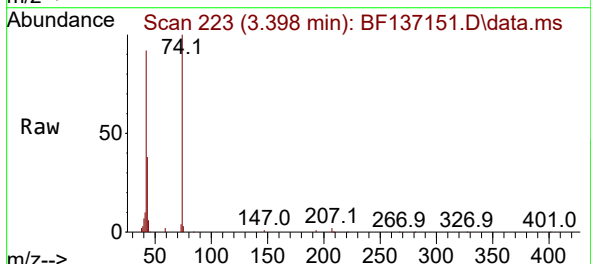
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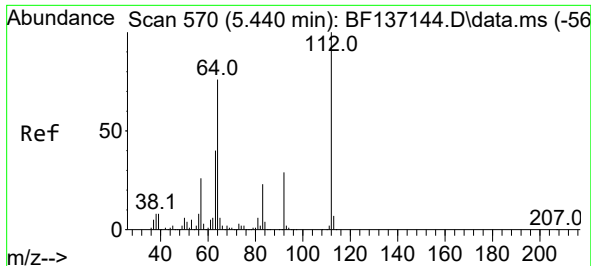
Tgt Ion: 79 Resp: 180871
Ion Ratio Lower Upper
79 100
52 84.9 69.8 104.8
51 42.2 35.1 52.7



#4
n-Nitrosodimethylamine
Concen: 39.818 ng
RT: 3.398 min Scan# 223
Delta R.T. 0.082 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

Tgt Ion: 42 Resp: 131912
Ion Ratio Lower Upper
42 100
74 108.1 87.4 131.0
44 7.0 6.2 9.2

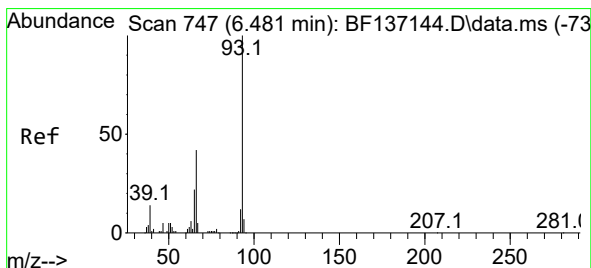
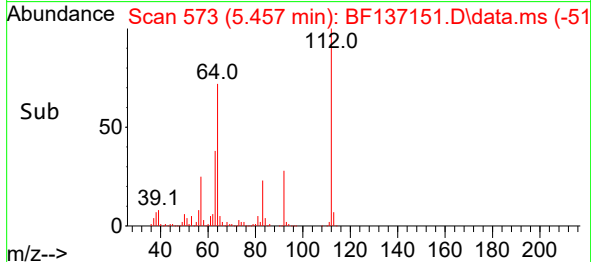
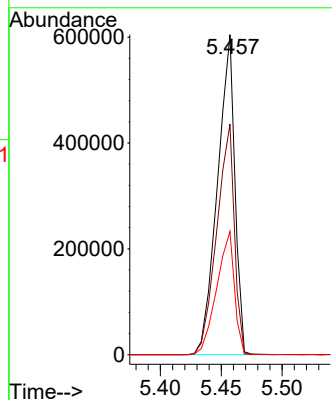
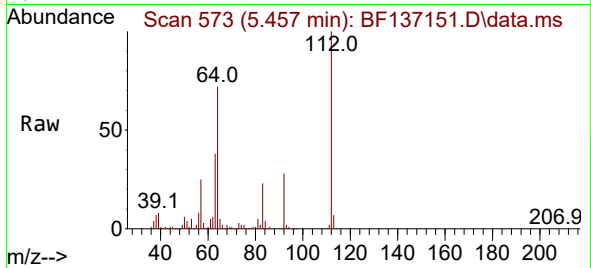




#5
2-Fluorophenol
Concen: 123.811 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

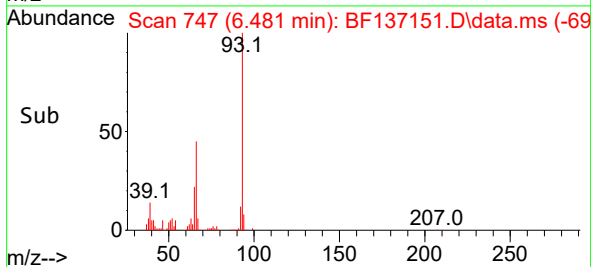
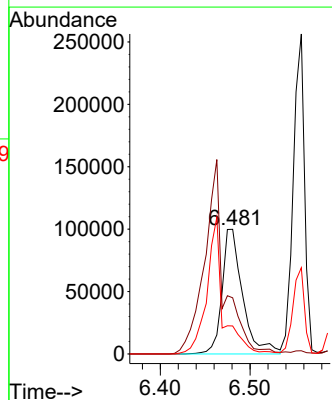
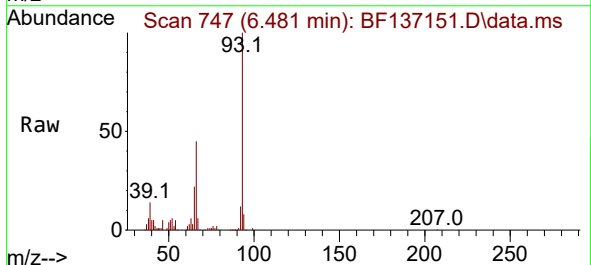
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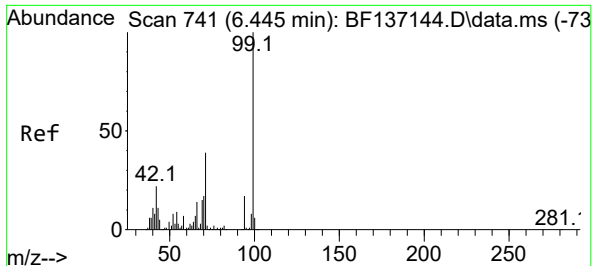
Tgt Ion:112 Resp: 603623
Ion Ratio Lower Upper
112 100
64 72.1 60.8 91.2
63 38.5 32.1 48.1



#6
Aniline
Concen: 20.594 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

Tgt Ion: 93 Resp: 159268
Ion Ratio Lower Upper
93 100
66 45.1 35.4 53.0
65 22.4 18.3 27.5

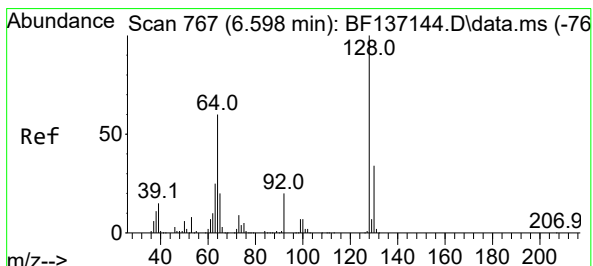
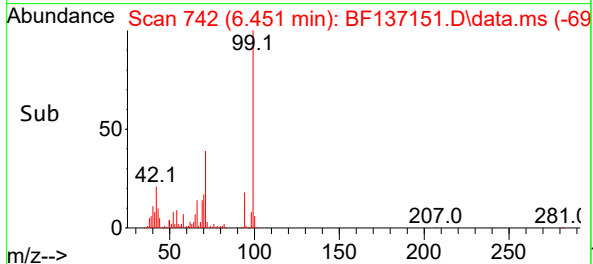
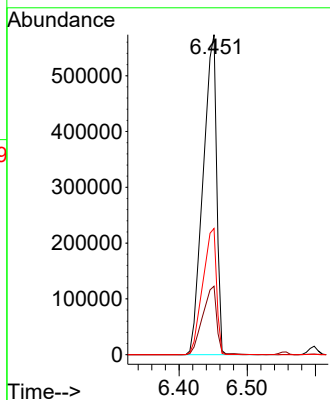
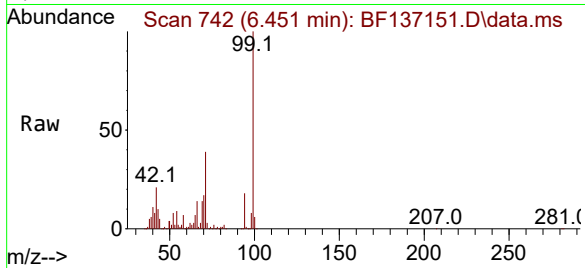




#7
Phenol-d6
Concen: 123.796 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

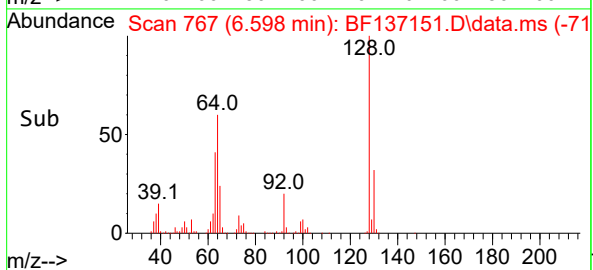
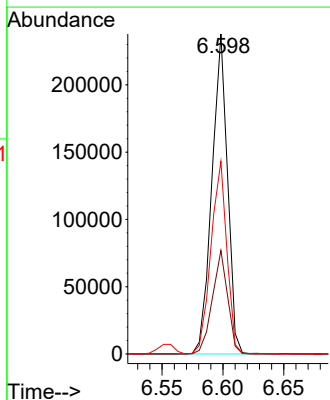
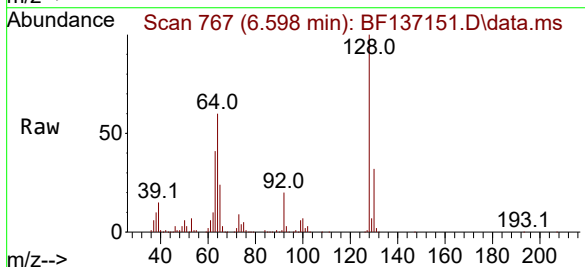
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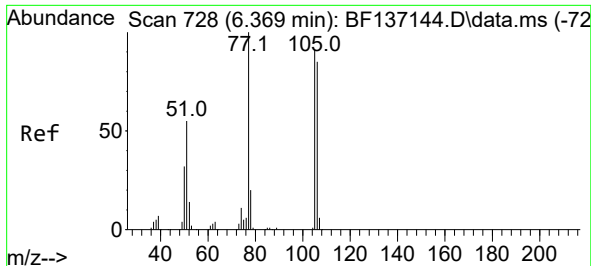
Tgt Ion: 99 Resp: 793549
Ion Ratio Lower Upper
99 100
42 21.4 17.5 26.3
71 39.5 31.2 46.8



#8
2-Chlorophenol
Concen: 42.373 ng
RT: 6.598 min Scan# 767
Delta R.T. 0.000 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

Tgt Ion: 128 Resp: 212037
Ion Ratio Lower Upper
128 100
130 32.4 14.1 54.1
64 60.2 40.6 80.6

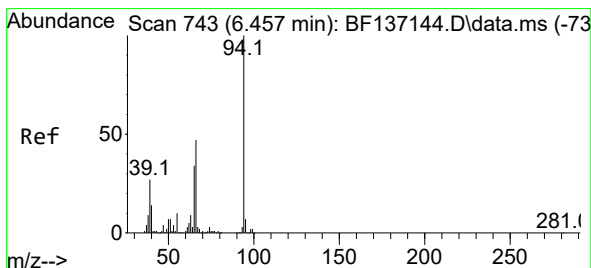
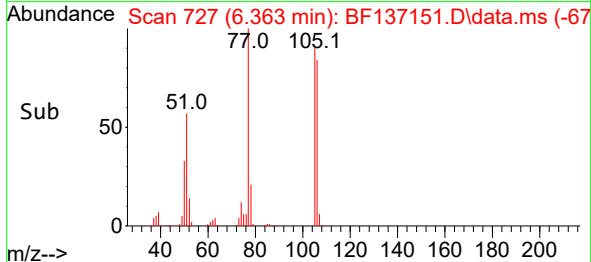
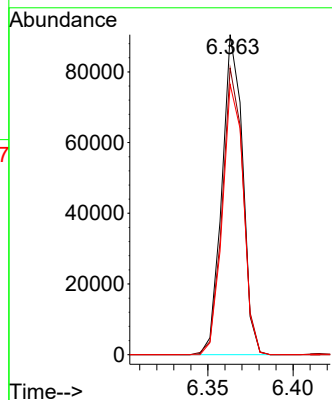
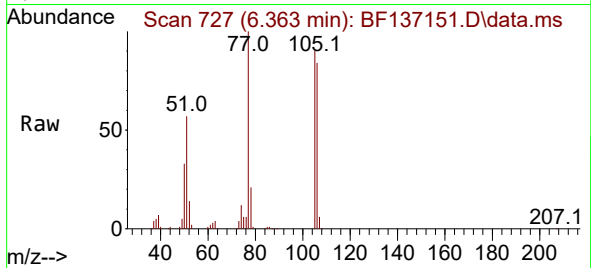




#9
Benzaldehyde
Concen: 22.684 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
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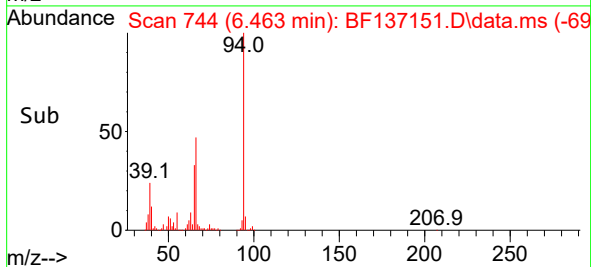
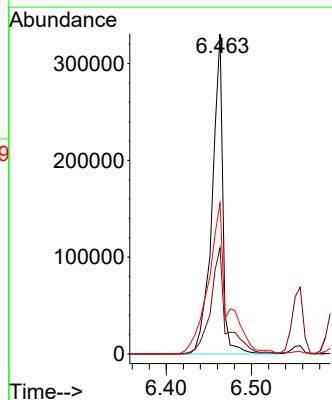
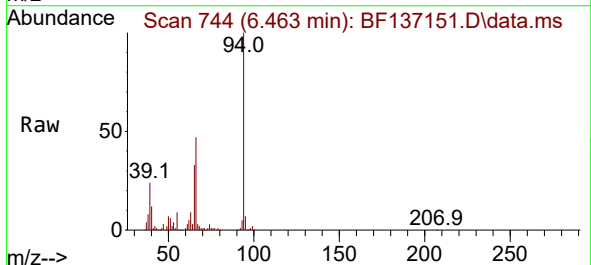
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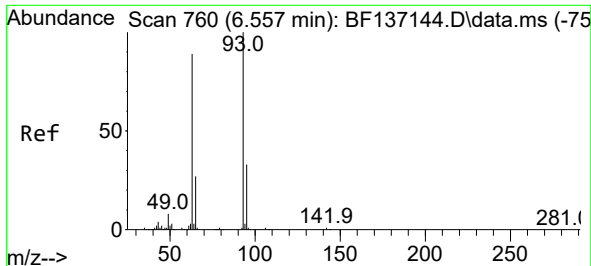
Tgt Ion: 77 Resp: 76281
Ion Ratio Lower Upper
77 100
105 89.6 70.9 110.9
106 84.4 65.0 105.0



#10
Phenol
Concen: 39.762 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

Tgt Ion: 94 Resp: 291177
Ion Ratio Lower Upper
94 100
65 33.1 14.1 54.1
66 47.1 26.9 66.9

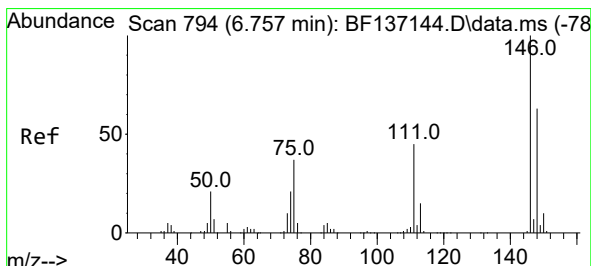
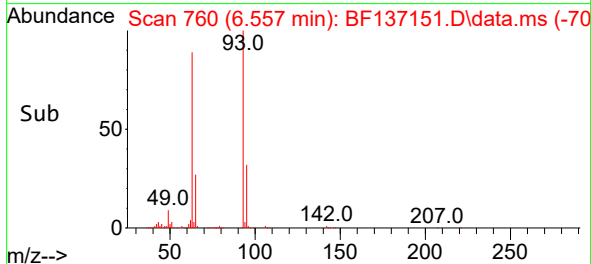
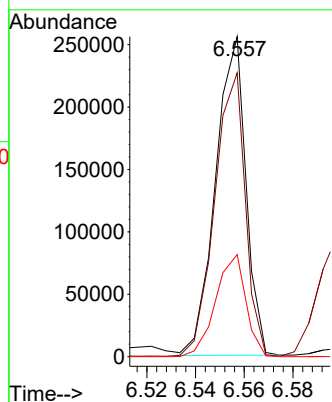
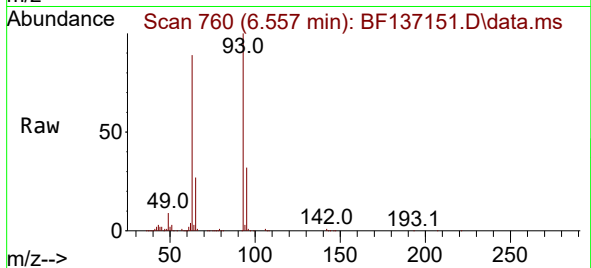




#11
bis(2-Chloroethyl)ether
Concen: 41.362 ng
RT: 6.557 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

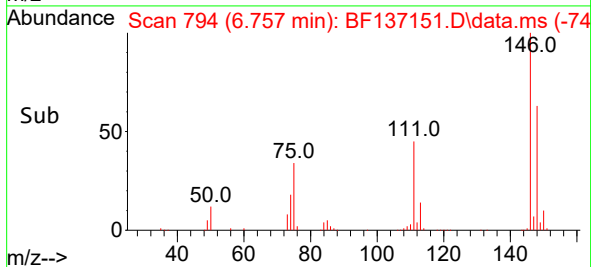
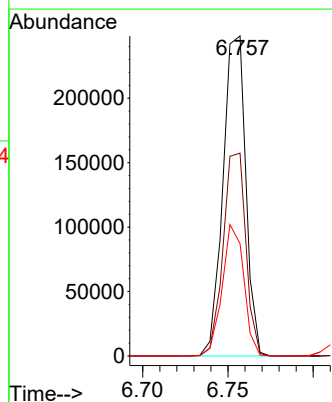
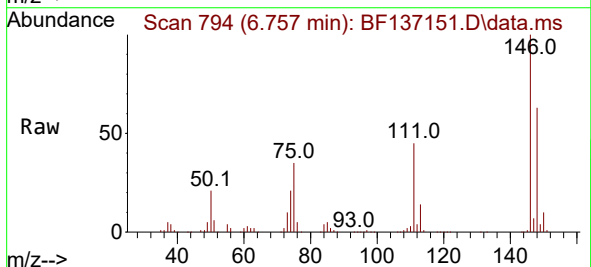
Instrument :
BNA_F
ClientSampleId :
PB158626BS

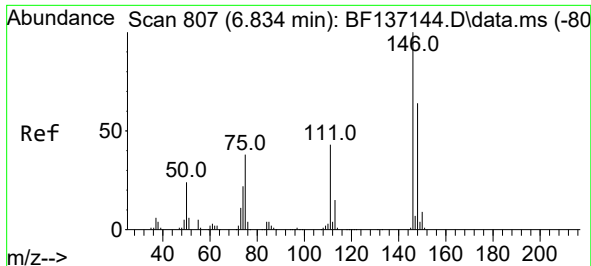
Tgt Ion: 93 Resp: 220828
Ion Ratio Lower Upper
93 100
63 88.7 69.3 109.3
95 31.9 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 40.442 ng
RT: 6.757 min Scan# 794
Delta R.T. 0.000 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

Tgt Ion:146 Resp: 231181
Ion Ratio Lower Upper
146 100
148 63.4 50.5 75.7
75 35.1 29.4 44.2





#13

1,4-Dichlorobenzene

Concen: 40.698 ng

RT: 6.834 min Scan# 807

Delta R.T. 0.000 min

Lab File: BF137151.D

Acq: 25 Jan 2024 17:03

Instrument :

BNA_F

ClientSampleId :

PB158626BS

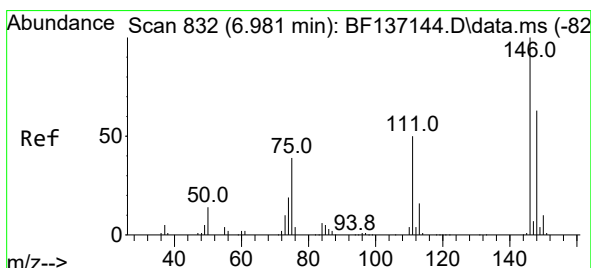
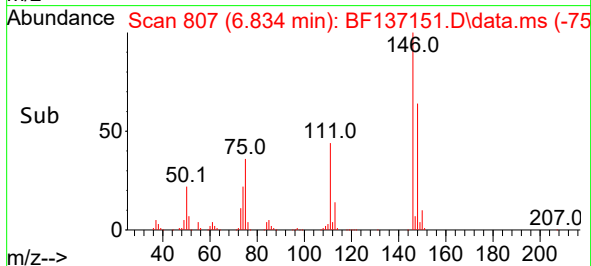
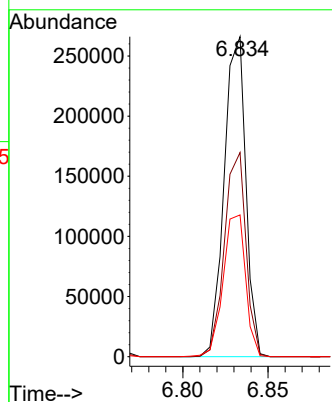
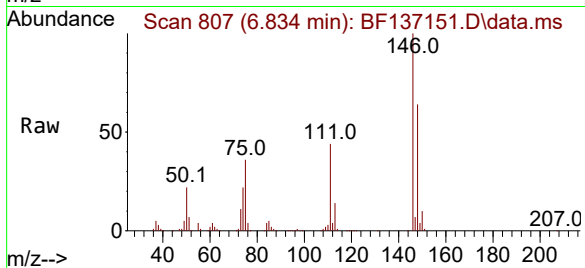
Tgt Ion:146 Resp: 235308

Ion Ratio Lower Upper

146 100

148 63.8 51.6 77.4

111 44.3 34.7 52.1



#14

1,2-Dichlorobenzene

Concen: 40.778 ng

RT: 6.981 min Scan# 832

Delta R.T. 0.000 min

Lab File: BF137151.D

Acq: 25 Jan 2024 17:03

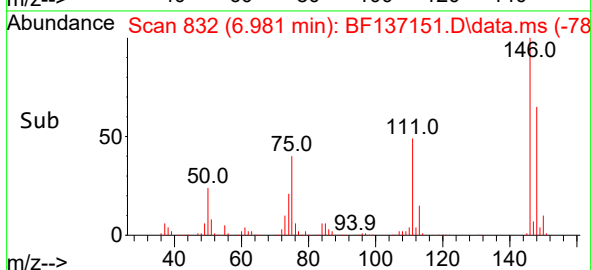
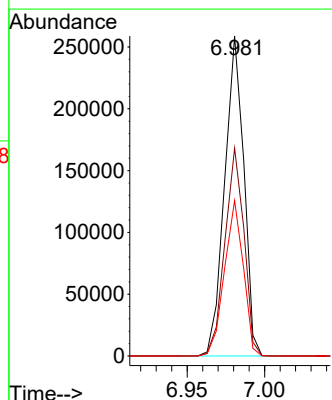
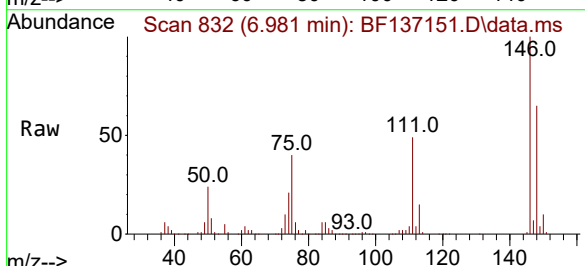
Tgt Ion:146 Resp: 222810

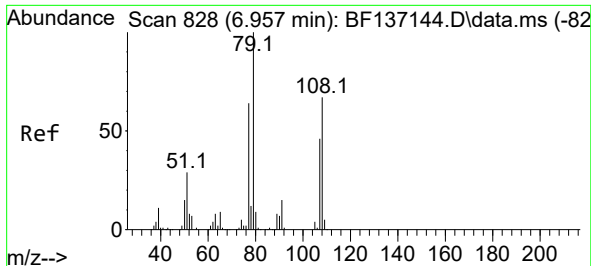
Ion Ratio Lower Upper

146 100

148 65.0 50.4 75.6

111 48.5 39.6 59.4

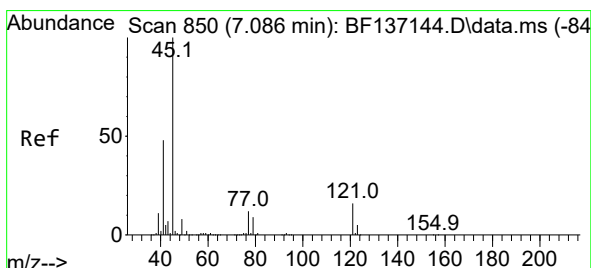
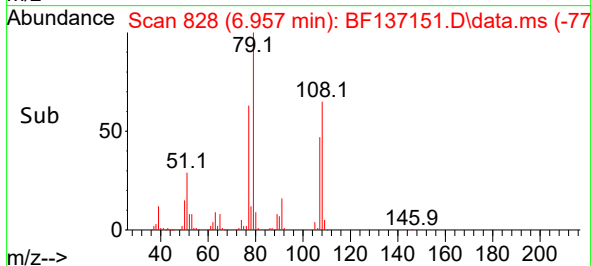
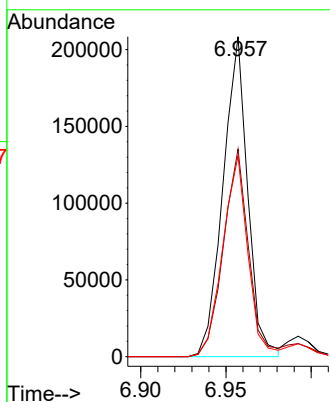
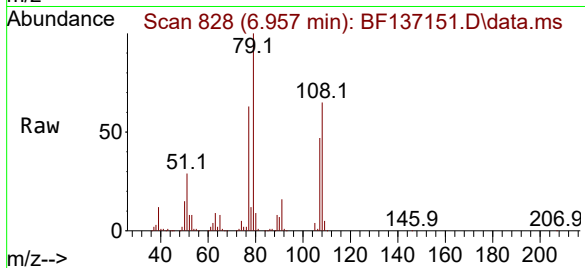




#15
Benzyl Alcohol
Concen: 40.340 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

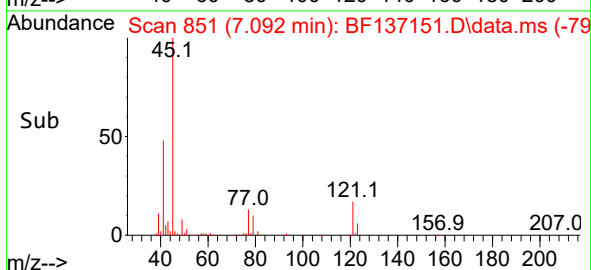
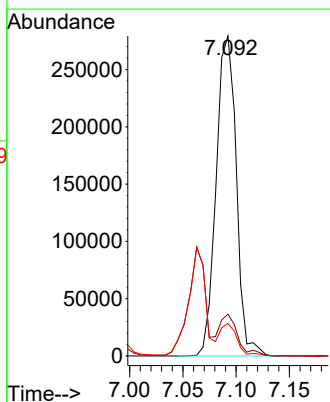
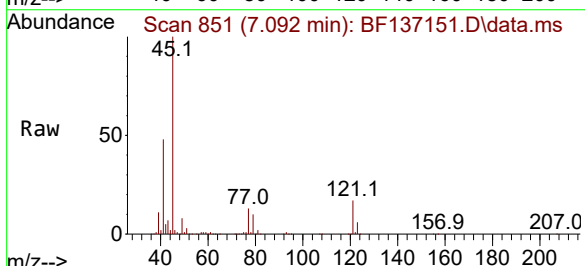
Instrument :
BNA_F
ClientSampleId :
PB158626BS

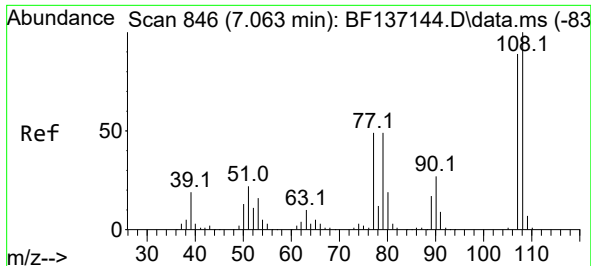
Tgt Ion: 79 Resp: 209638
Ion Ratio Lower Upper
79 100
108 64.8 53.3 79.9
77 62.7 51.1 76.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.918 ng
RT: 7.092 min Scan# 851
Delta R.T. 0.006 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

Tgt Ion: 45 Resp: 366612
Ion Ratio Lower Upper
45 100
77 13.1 0.0 31.9
79 10.1 0.0 28.9

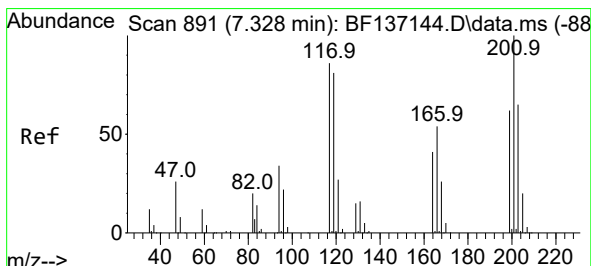
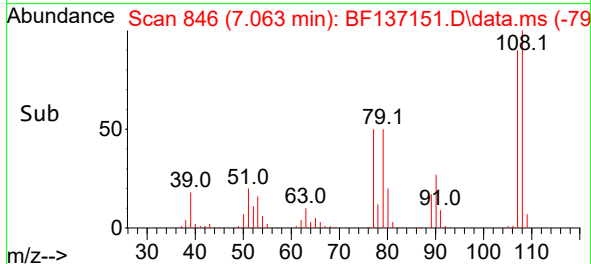
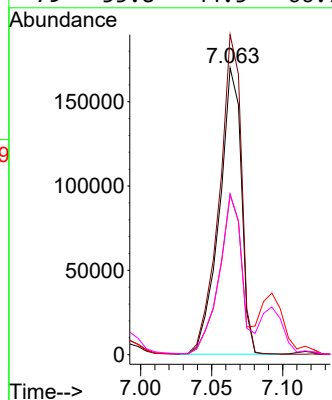
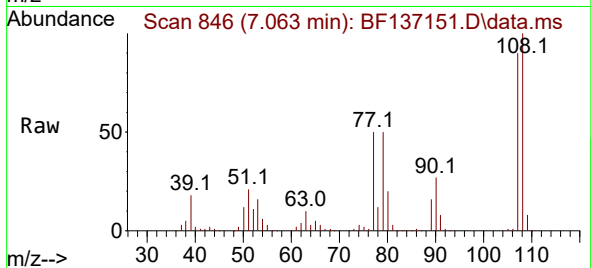




#17
2-Methylphenol
Concen: 42.641 ng
RT: 7.063 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

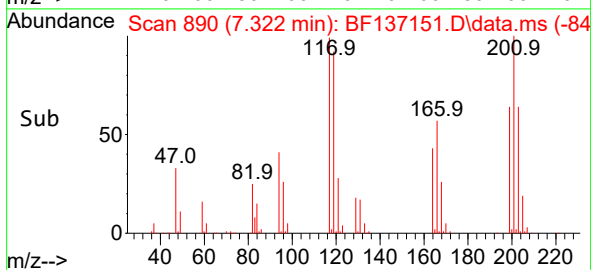
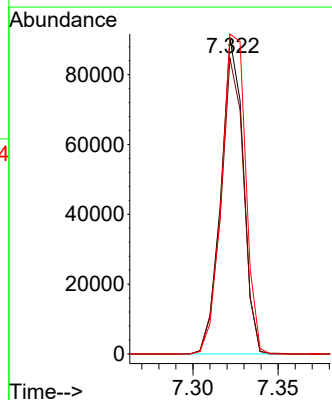
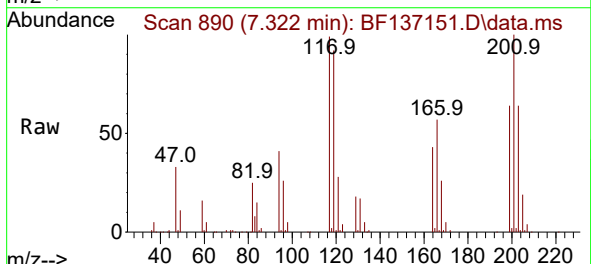
Instrument :
BNA_F
ClientSampleId :
PB158626BS

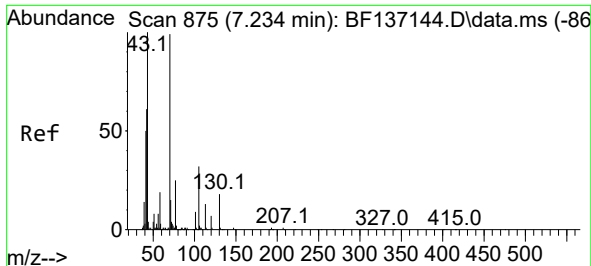
Tgt Ion:107 Resp: 182860
Ion Ratio Lower Upper
107 100
108 111.6 89.8 134.6
77 55.9 44.2 66.4
79 55.8 44.5 66.7



#18
Hexachloroethane
Concen: 42.252 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

Tgt Ion:117 Resp: 82462
Ion Ratio Lower Upper
117 100
119 93.7 75.8 113.6
201 101.4 93.0 139.6

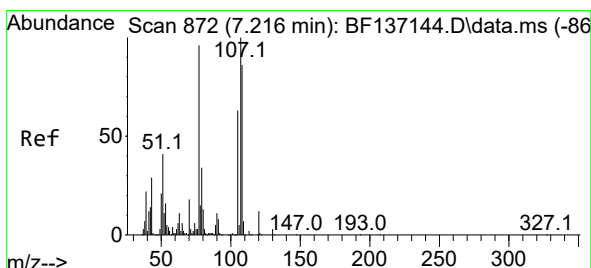
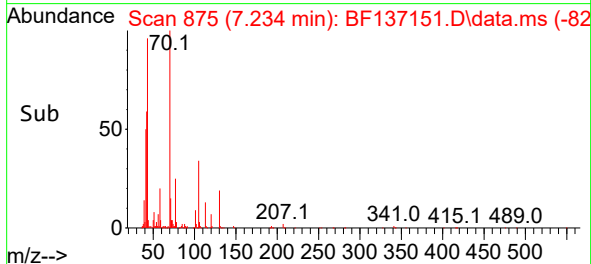
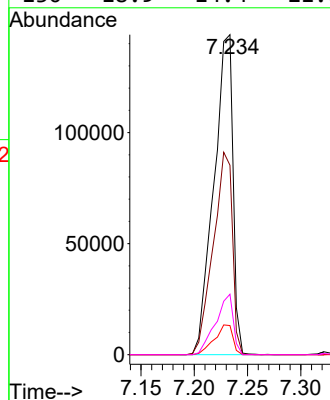
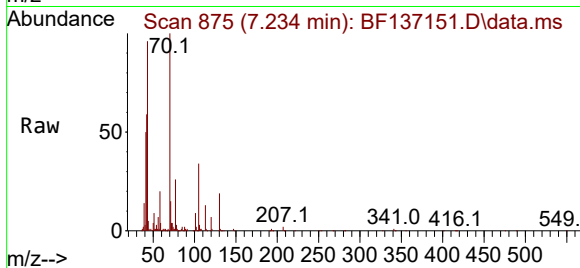




#19
n-Nitroso-di-n-propylamine
Concen: 41.459 ng
RT: 7.234 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

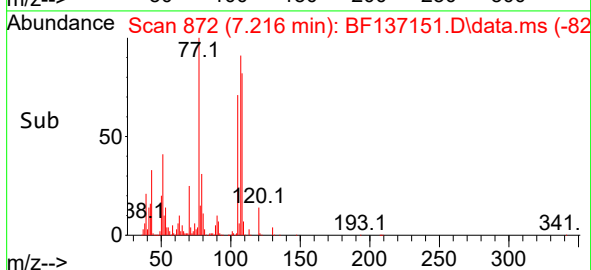
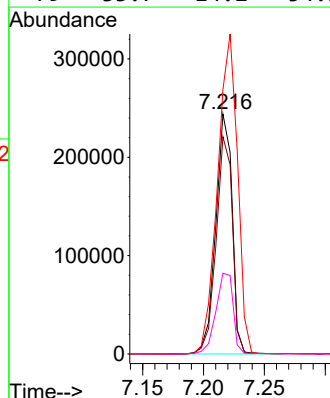
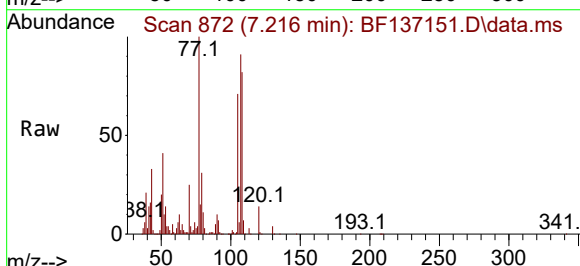
Instrument :
BNA_F
ClientSampleId :
PB158626BS

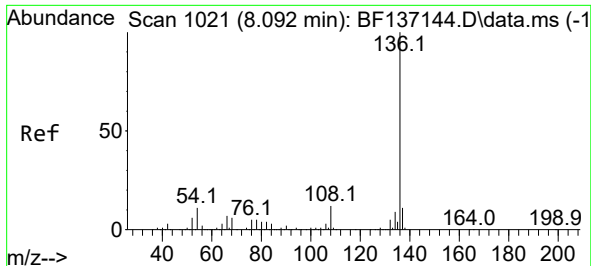
Tgt Ion: 70 Resp: 179806
Ion Ratio Lower Upper
70 100
42 59.2 49.3 73.9
101 9.1 7.4 11.0
130 18.9 14.4 21.6



#20
3+4-Methylphenols
Concen: 42.183 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

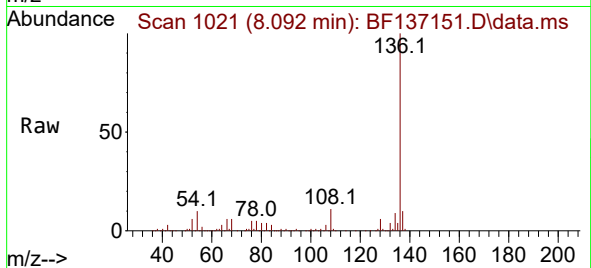
Tgt Ion: 107 Resp: 228599
Ion Ratio Lower Upper
107 100
108 90.5 66.0 106.0
77 110.1 76.4 116.4
79 33.7 14.2 54.2



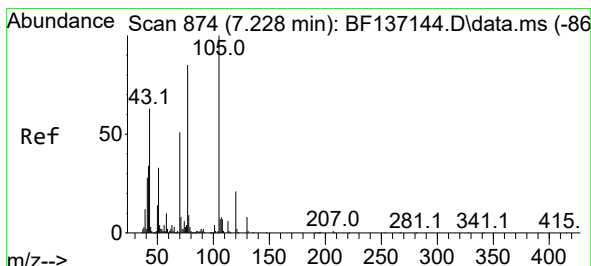
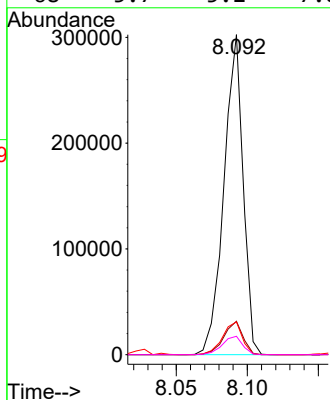
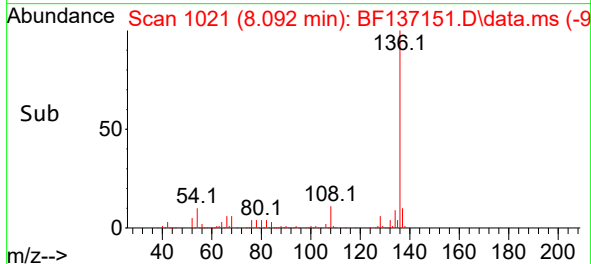


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

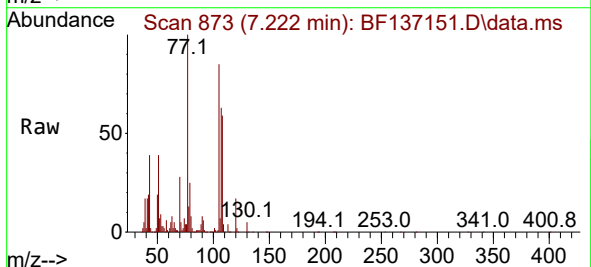
Instrument :
BNA_F
ClientSampleId :
PB158626BS



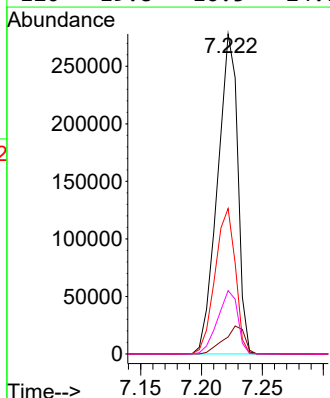
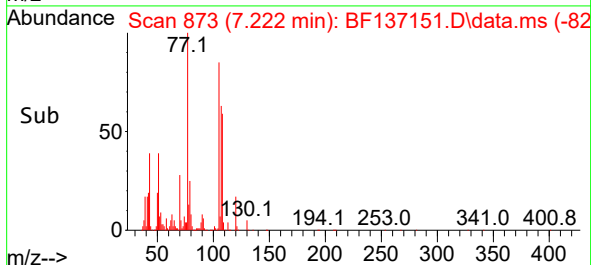
Tgt Ion:136 Resp: 283683
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 10.2 8.8 13.2
68 5.7 5.2 7.8

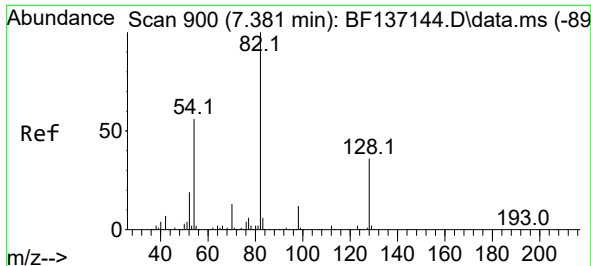


#22
Acetophenone
Concen: 39.877 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.006 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03



Tgt Ion:105 Resp: 321599
Ion Ratio Lower Upper
105 100
71 5.3 6.3 9.5#
51 45.5 26.1 39.1#
120 19.8 16.5 24.7





#23

Nitrobenzene-d5

Concen: 84.456 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF137151.D

Acq: 25 Jan 2024 17:03

Instrument :

BNA_F

ClientSampleId :

PB158626BS

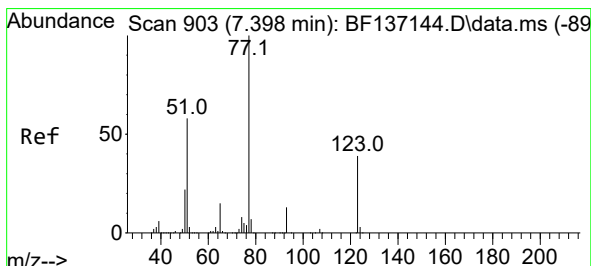
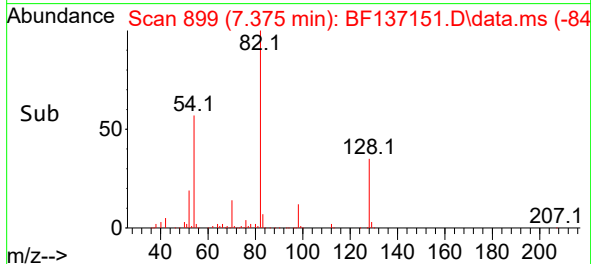
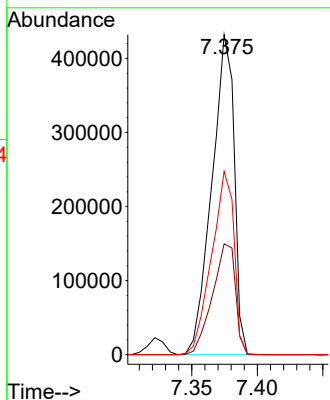
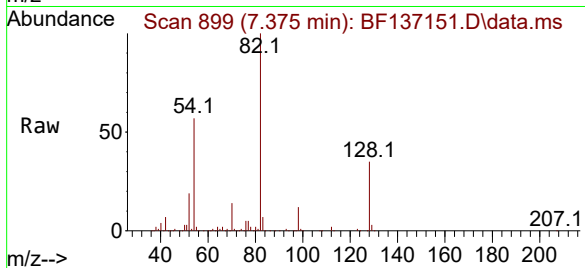
Tgt Ion: 82 Resp: 511085

Ion Ratio Lower Upper

82 100

128 34.7 29.0 43.6

54 57.3 44.6 67.0



#24

Nitrobenzene

Concen: 43.360 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.006 min

Lab File: BF137151.D

Acq: 25 Jan 2024 17:03

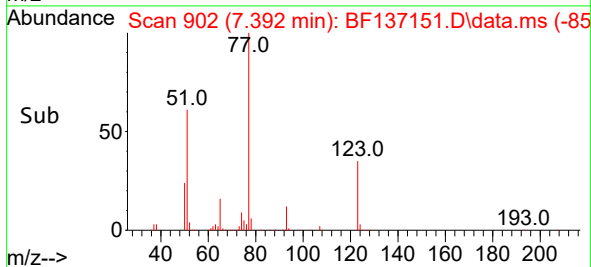
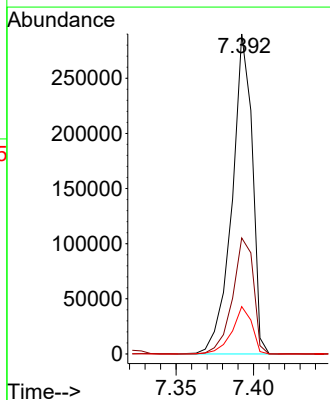
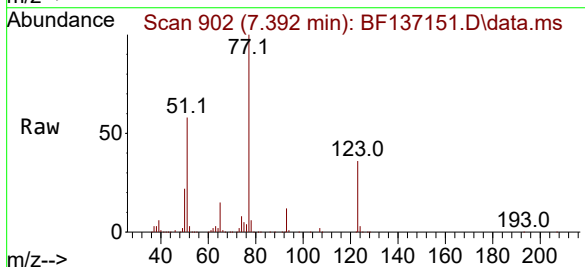
Tgt Ion: 77 Resp: 263857

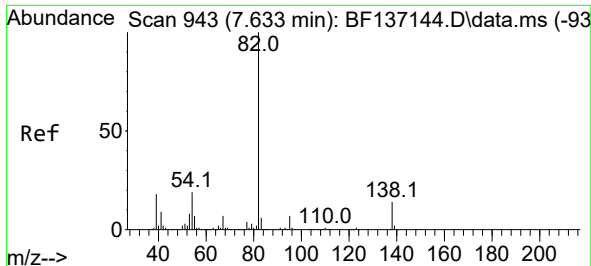
Ion Ratio Lower Upper

77 100

123 36.3 31.6 47.4

65 14.8 11.6 17.4

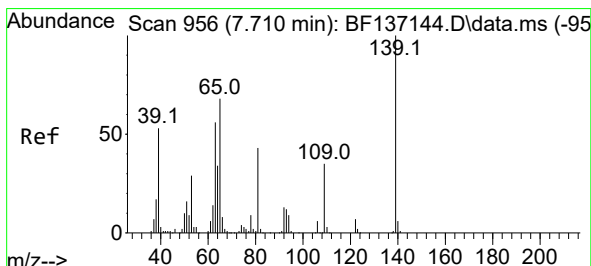
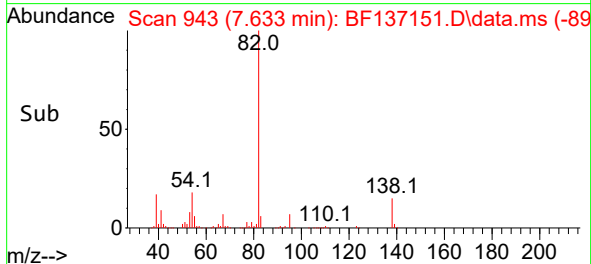
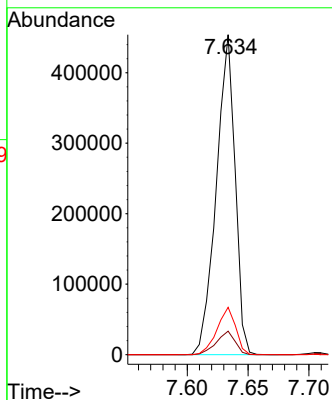
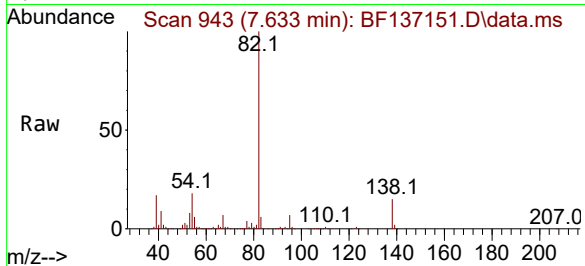




#25
Isophorone
Concen: 40.766 ng
RT: 7.633 min Scan# 943
Delta R.T. 0.000 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

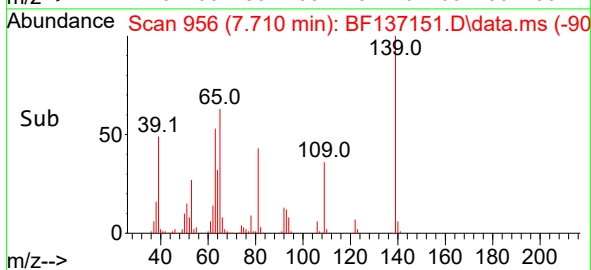
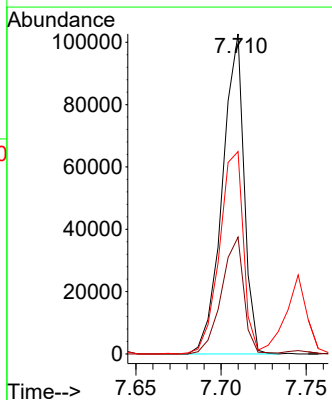
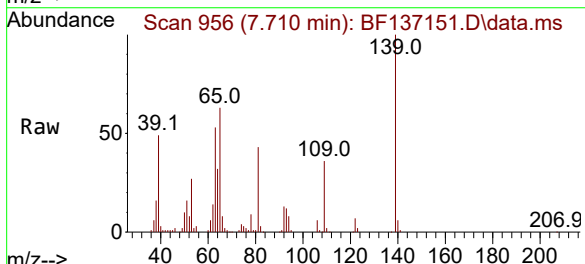
Instrument :
BNA_F
ClientSampleId :
PB158626BS

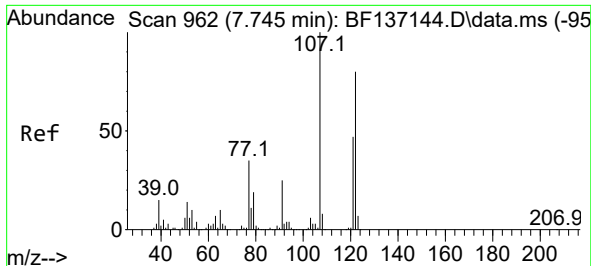
Tgt Ion: 82 Resp: 487126
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 14.8 11.5 17.3



#26
2-Nitrophenol
Concen: 43.994 ng
RT: 7.710 min Scan# 956
Delta R.T. -0.000 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

Tgt Ion: 139 Resp: 91092
Ion Ratio Lower Upper
139 100
109 36.5 27.8 41.8
65 63.2 54.6 82.0





#27

2,4-Dimethylphenol

Concen: 47.626 ng

RT: 7.745 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF137151.D

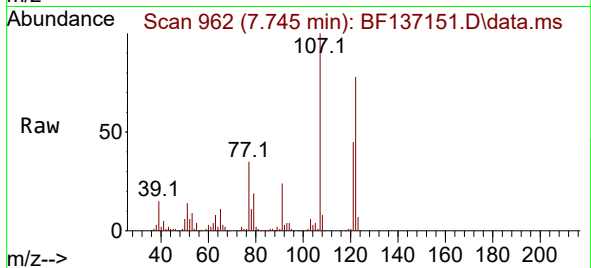
Acq: 25 Jan 2024 17:03

Instrument :

BNA_F

ClientSampleId :

PB158626BS



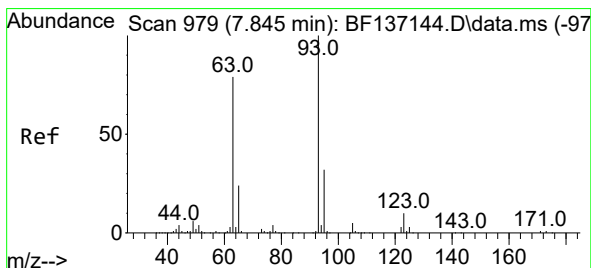
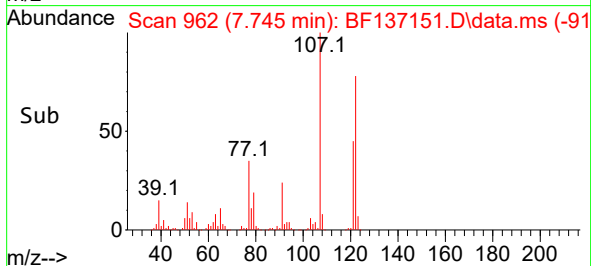
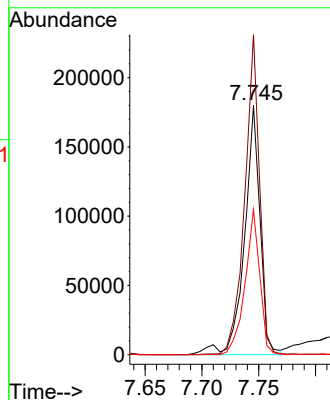
Tgt Ion:122 Resp: 172080

Ion Ratio Lower Upper

122 100

107 128.3 100.2 150.2

121 58.2 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 40.306 ng

RT: 7.845 min Scan# 979

Delta R.T. 0.000 min

Lab File: BF137151.D

Acq: 25 Jan 2024 17:03

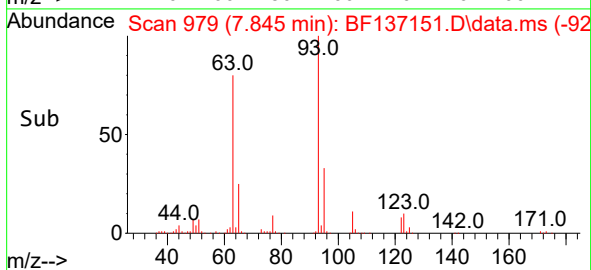
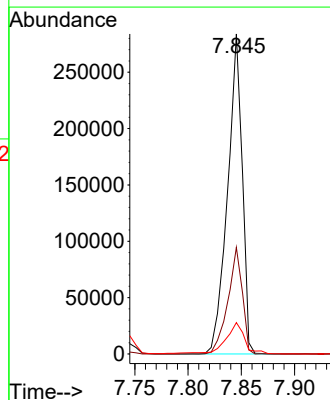
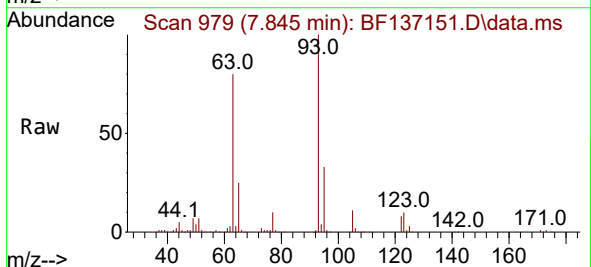
Tgt Ion: 93 Resp: 271355

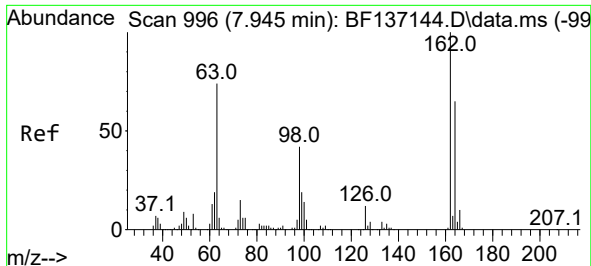
Ion Ratio Lower Upper

93 100

95 33.3 25.9 38.9

123 9.8 7.9 11.9





#29

2,4-Dichlorophenol

Concen: 42.311 ng

RT: 7.945 min Scan# 996

Delta R.T. 0.000 min

Lab File: BF137151.D

Acq: 25 Jan 2024 17:03

Instrument :

BNA_F

ClientSampleId :

PB158626BS

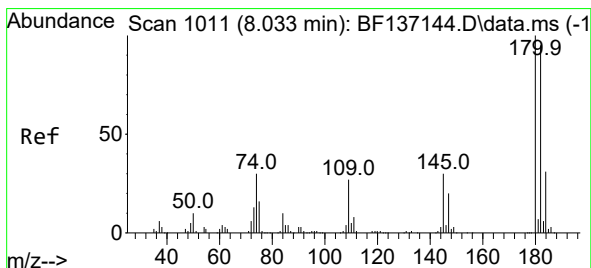
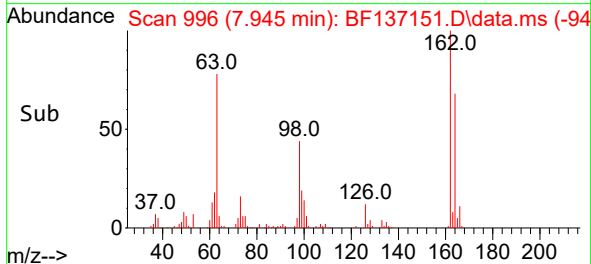
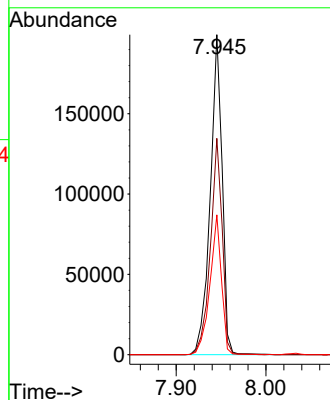
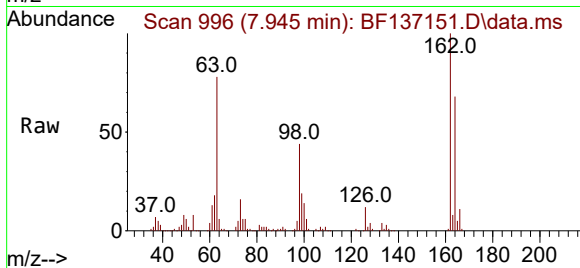
Tgt Ion:162 Resp: 183768

Ion Ratio Lower Upper

162 100

164 67.6 44.9 84.9

98 43.7 22.4 62.4



#30

1,2,4-Trichlorobenzene

Concen: 40.101 ng

RT: 8.033 min Scan# 1011

Delta R.T. 0.000 min

Lab File: BF137151.D

Acq: 25 Jan 2024 17:03

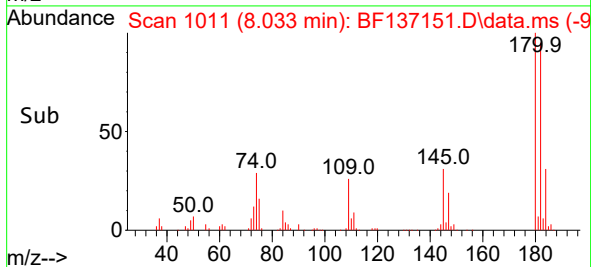
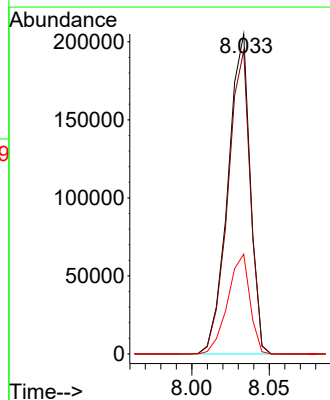
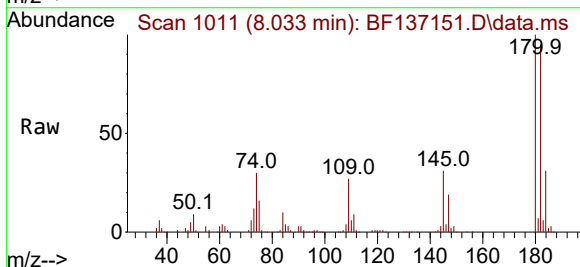
Tgt Ion:180 Resp: 205087

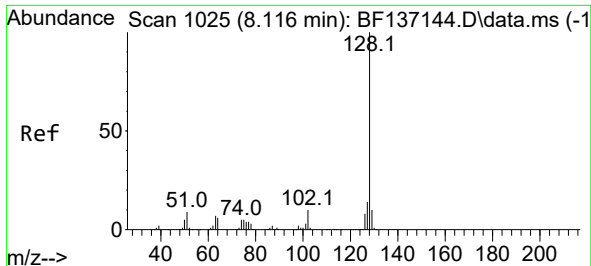
Ion Ratio Lower Upper

180 100

182 94.8 76.2 114.4

145 31.2 24.4 36.6

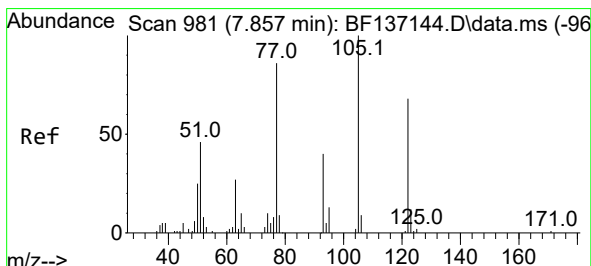
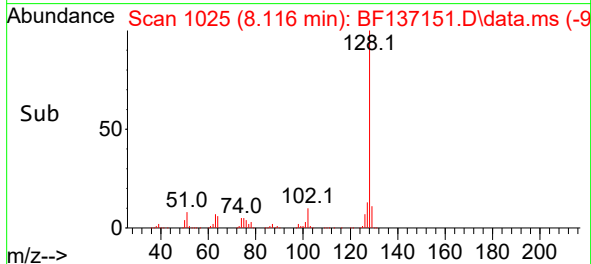
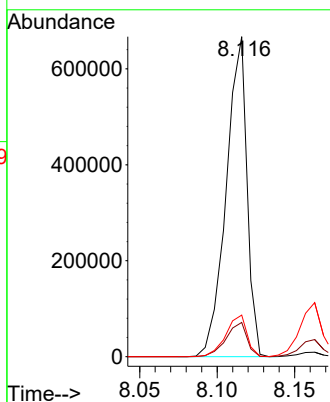
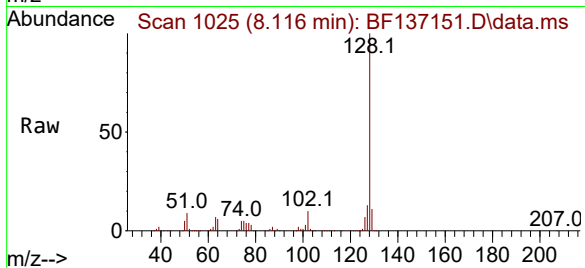




#31
Naphthalene
Concen: 40.657 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

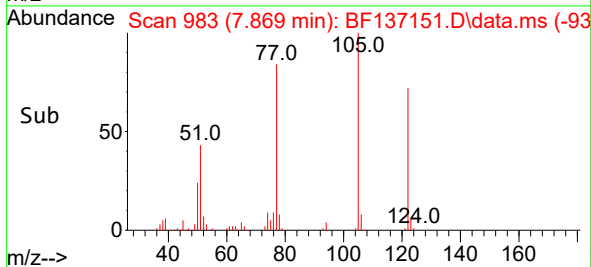
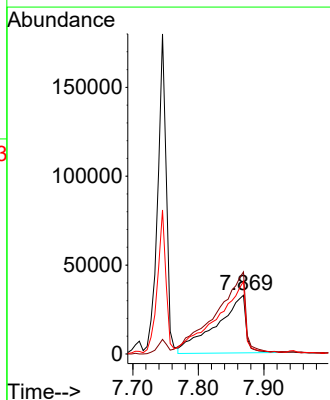
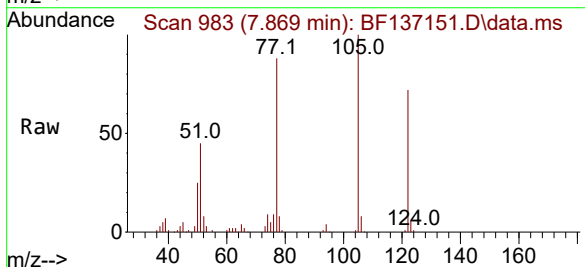
Instrument :
BNA_F
ClientSampleId :
PB158626BS

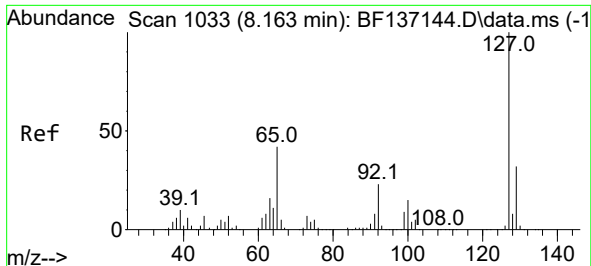
Tgt Ion:128 Resp: 622809
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 13.0 10.8 16.2



#32
Benzoic acid
Concen: 43.745 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.012 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

Tgt Ion:122 Resp: 101865
Ion Ratio Lower Upper
122 100
105 139.6 123.2 163.2
77 123.4 107.6 147.6

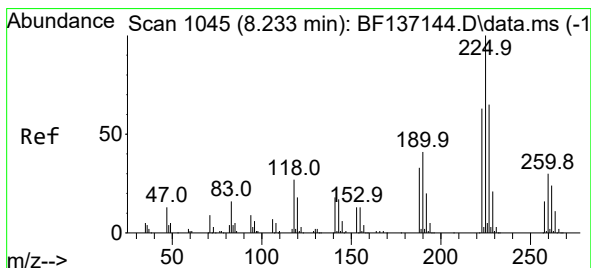
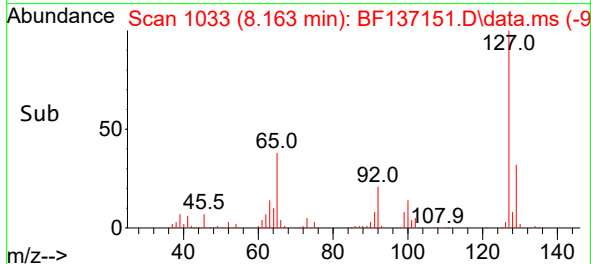
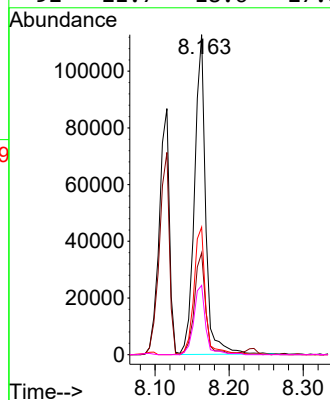
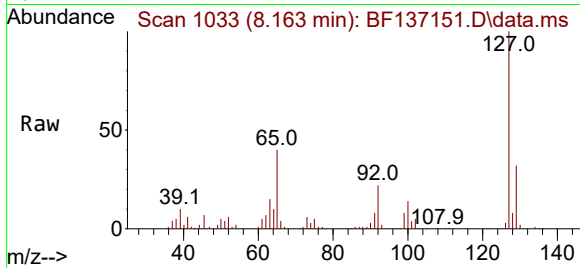




#33
4-Chloroaniline
Concen: 20.289 ng
RT: 8.163 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

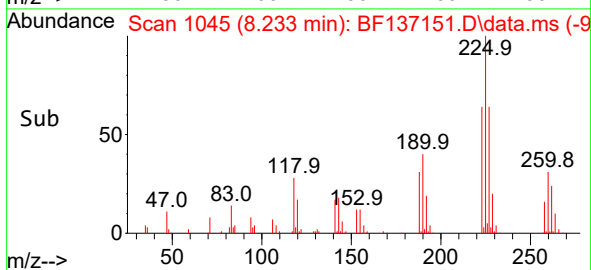
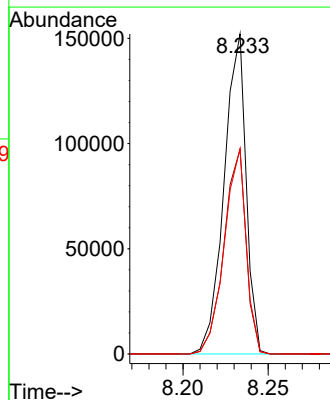
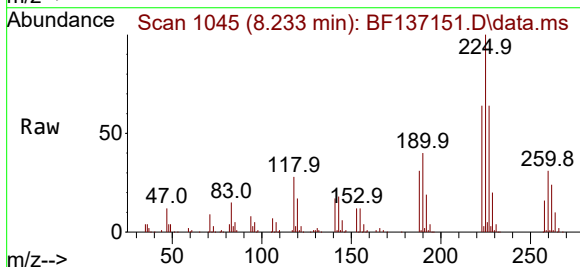
Instrument :
BNA_F
ClientSampleId :
PB158626BS

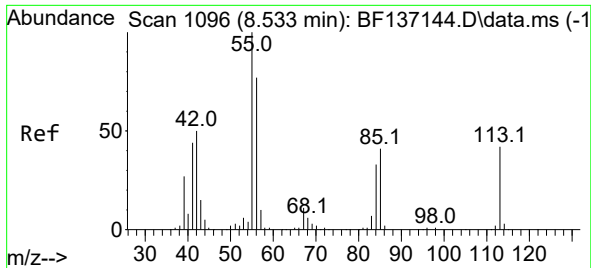
Tgt Ion:	127	Resp:	117331
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.6	38.4
65	39.8	33.8	50.6
92	21.7	18.6	27.8



#34
Hexachlorobutadiene
Concen: 40.450 ng
RT: 8.233 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

Tgt Ion:	225	Resp:	136928
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.7	76.1
227	64.1	52.0	78.0

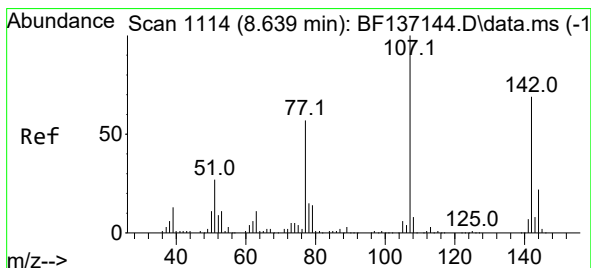
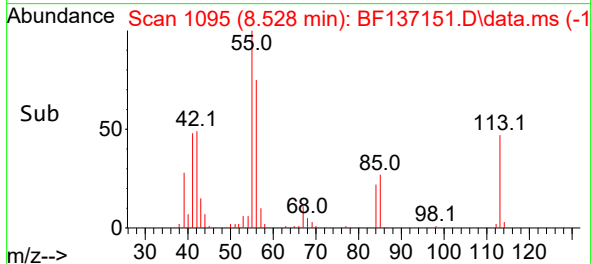
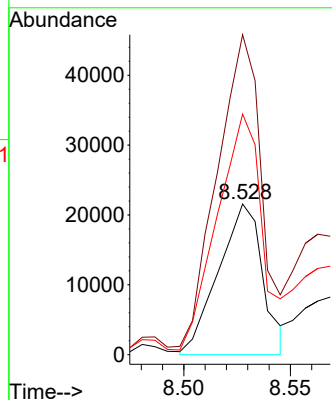
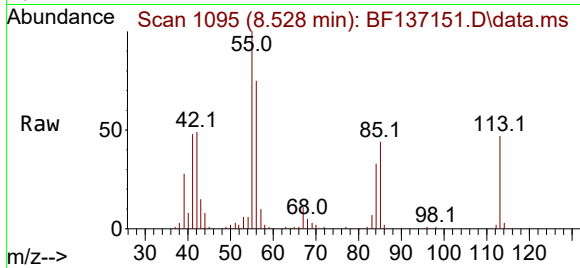




#35
 Caprolactam
 Concen: 23.828 ng
 RT: 8.528 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: BF137151.D
 Acq: 25 Jan 2024 17:03

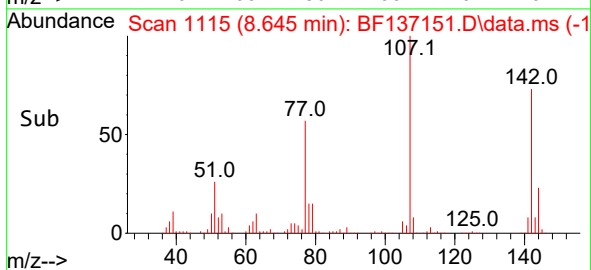
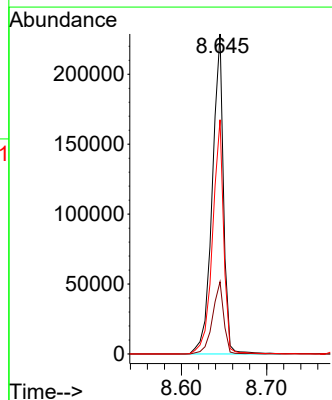
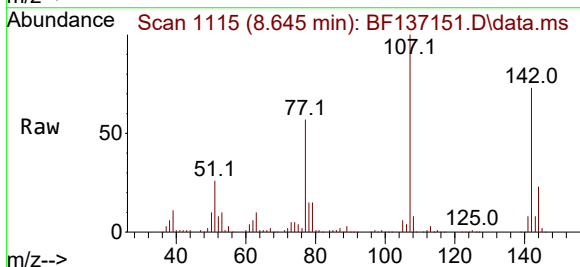
Instrument :
 BNA_F
 ClientSampleId :
 PB158626BS

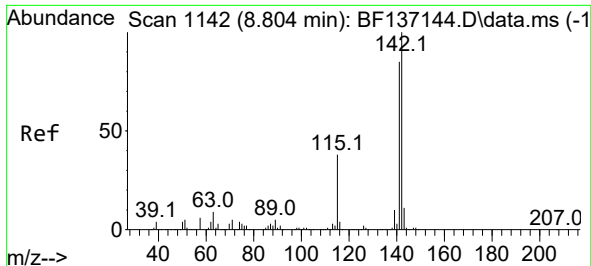
Tgt Ion:113 Resp: 31222
 Ion Ratio Lower Upper
 113 100
 55 212.2 215.7 255.7#
 56 159.6 160.8 200.8#



#36
 4-Chloro-3-methylphenol
 Concen: 42.491 ng
 RT: 8.645 min Scan# 1115
 Delta R.T. 0.006 min
 Lab File: BF137151.D
 Acq: 25 Jan 2024 17:03

Tgt Ion:107 Resp: 210211
 Ion Ratio Lower Upper
 107 100
 144 22.6 17.8 26.6
 142 73.2 54.8 82.2





#37

2-Methylnaphthalene

Concen: 40.111 ng

RT: 8.804 min Scan# 1142

Delta R.T. 0.000 min

Lab File: BF137151.D

Acq: 25 Jan 2024 17:03

Instrument :

BNA_F

ClientSampleId :

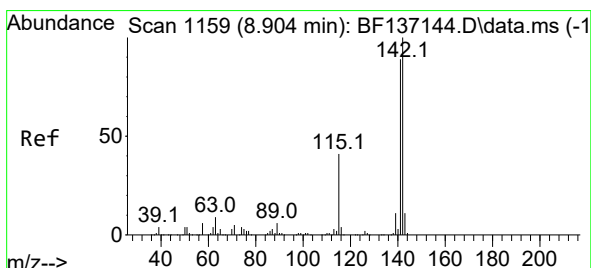
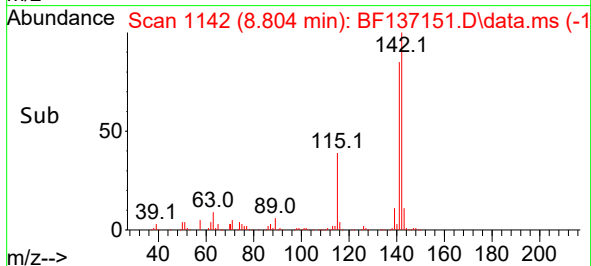
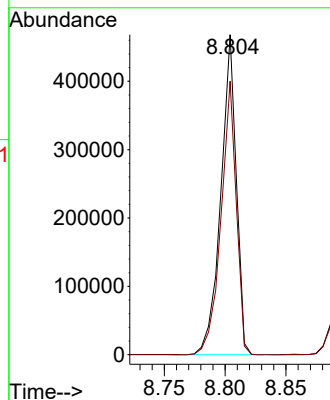
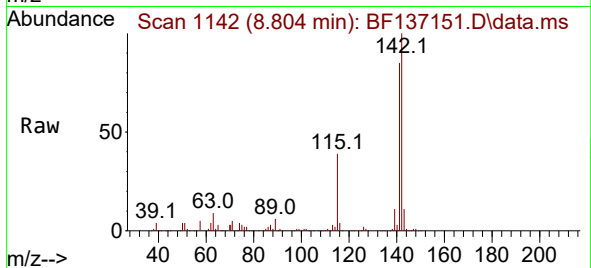
PB158626BS

Tgt Ion:142 Resp: 413819

Ion Ratio Lower Upper

142 100

141 85.5 67.8 101.6



#38

1-Methylnaphthalene

Concen: 41.365 ng

RT: 8.904 min Scan# 1159

Delta R.T. 0.000 min

Lab File: BF137151.D

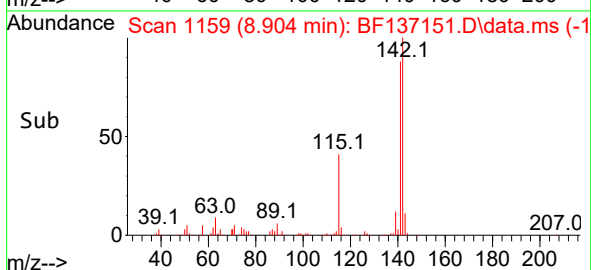
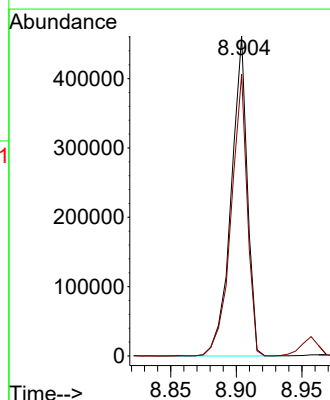
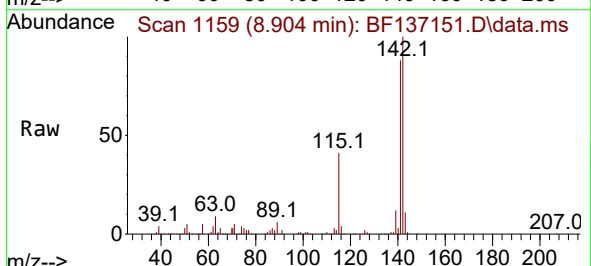
Acq: 25 Jan 2024 17:03

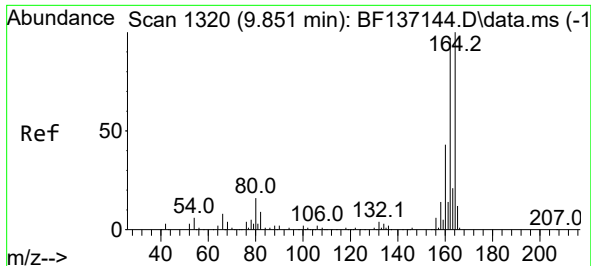
Tgt Ion:142 Resp: 396521

Ion Ratio Lower Upper

142 100

141 88.0 71.0 106.6

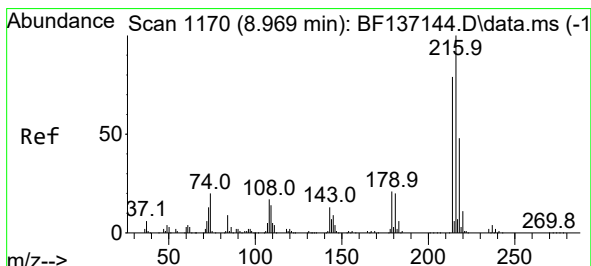
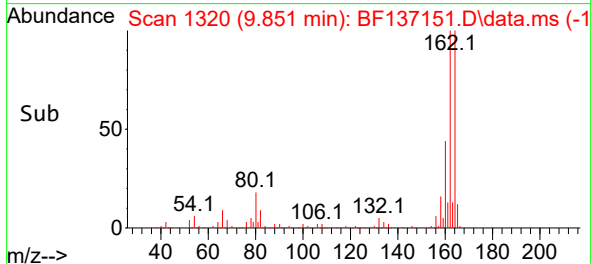
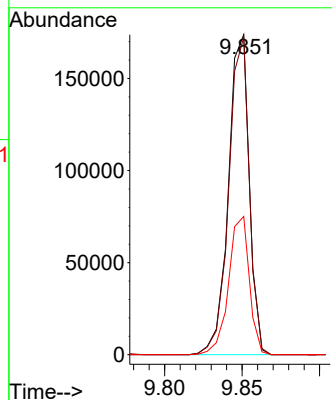
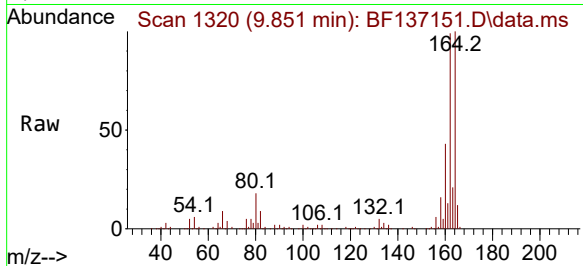




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

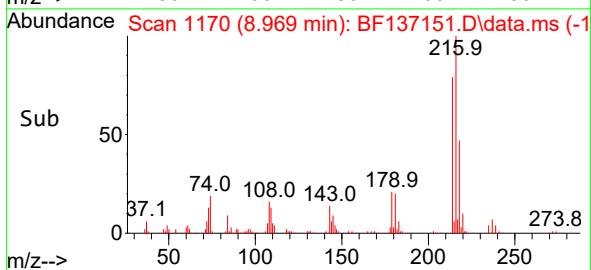
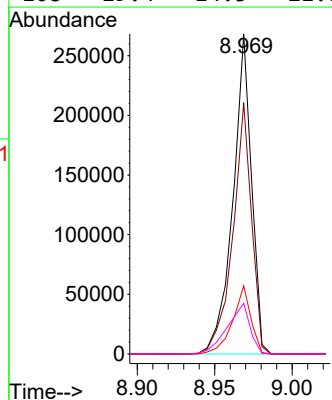
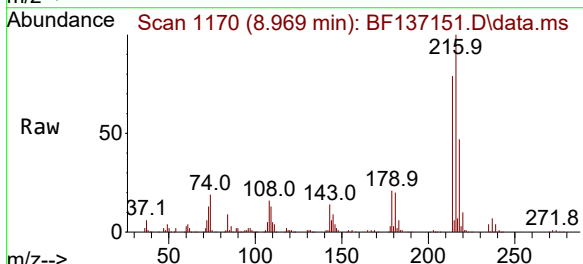
Instrument :
BNA_F
ClientSampleId :
PB158626BS

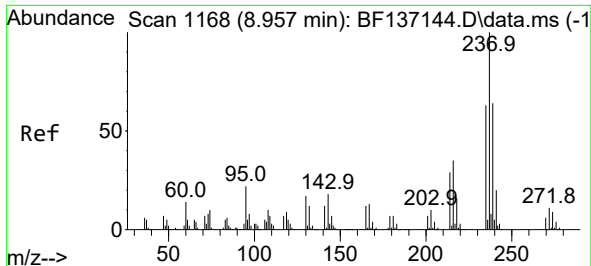
Tgt Ion:164 Resp: 162697
Ion Ratio Lower Upper
164 100
162 99.2 77.5 116.3
160 43.2 34.7 52.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.418 ng
RT: 8.969 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

Tgt Ion:216 Resp: 223536
Ion Ratio Lower Upper
216 100
214 78.8 63.1 94.7
179 20.9 16.2 24.4
108 19.4 14.5 21.7

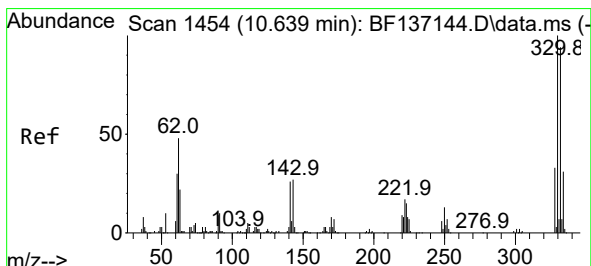
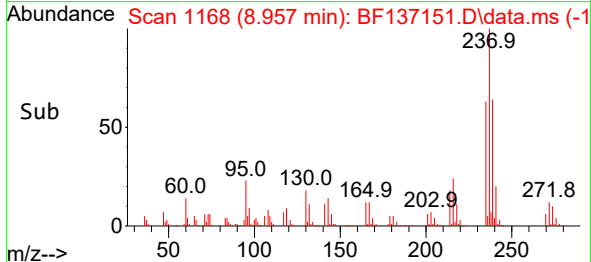
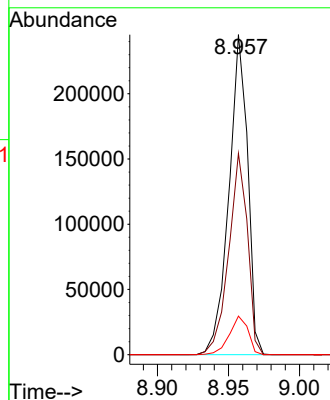
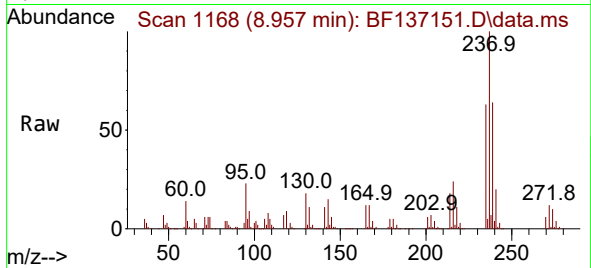




#41
Hexachlorocyclopentadiene
Concen: 100.226 ng
RT: 8.957 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

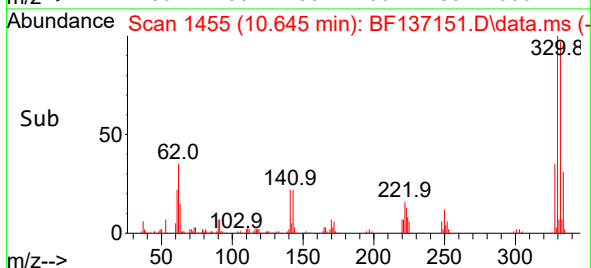
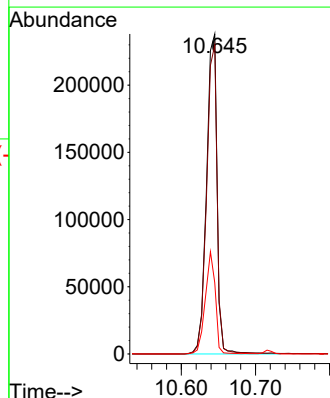
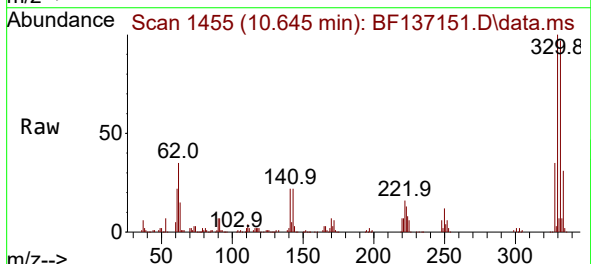
Instrument :
BNA_F
ClientSampleId :
PB158626BS

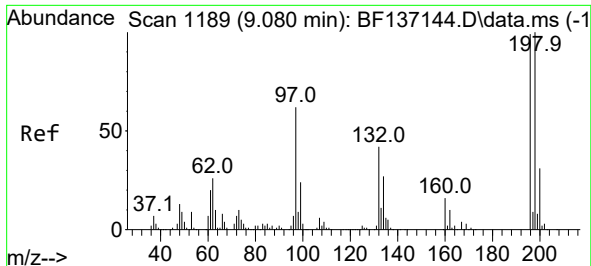
Tgt Ion:237 Resp: 225336
Ion Ratio Lower Upper
237 100
235 62.9 42.9 82.9
272 12.1 0.0 31.3



#42
2,4,6-Tribromophenol
Concen: 138.101 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.006 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

Tgt Ion:330 Resp: 236355
Ion Ratio Lower Upper
330 100
332 96.0 75.4 113.0
141 30.6 24.8 37.2





#43

2,4,6-Trichlorophenol

Concen: 42.001 ng

RT: 9.080 min Scan# 1189

Delta R.T. 0.000 min

Lab File: BF137151.D

Acq: 25 Jan 2024 17:03

Instrument :

BNA_F

ClientSampleId :

PB158626BS

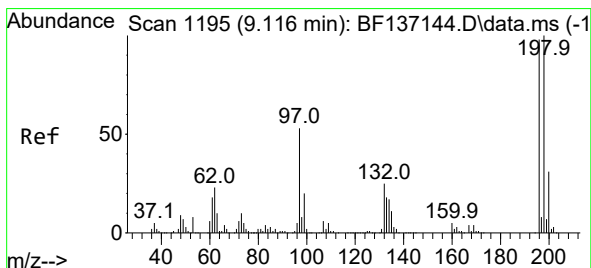
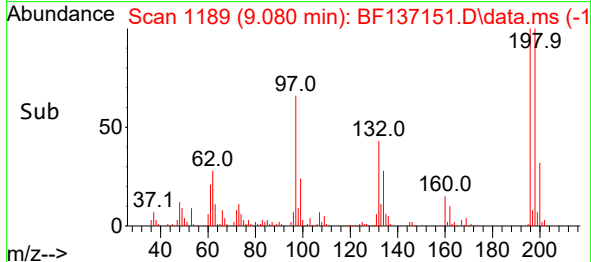
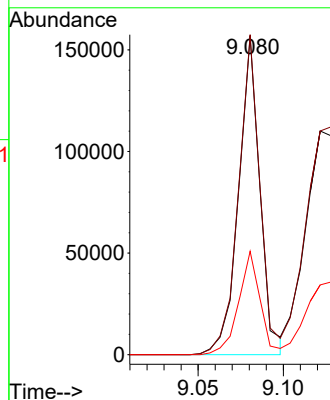
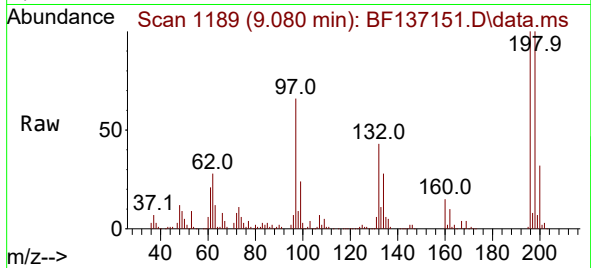
Tgt Ion:196 Resp: 136601

Ion Ratio Lower Upper

196 100

198 100.4 80.6 121.0

200 32.4 25.0 37.6



#44

2,4,5-Trichlorophenol

Concen: 42.874 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF137151.D

Acq: 25 Jan 2024 17:03

Tgt Ion:196 Resp: 149646

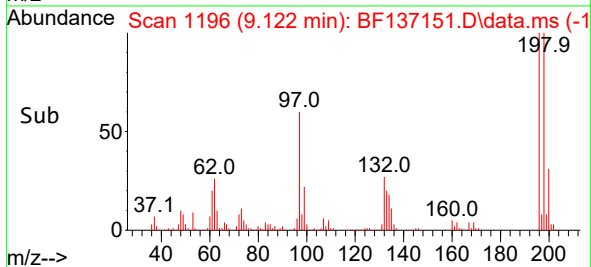
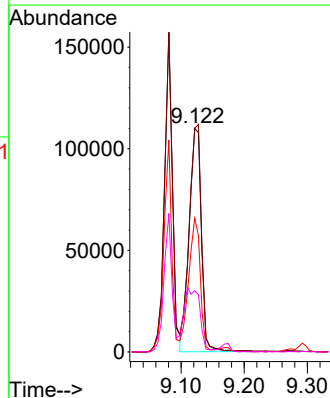
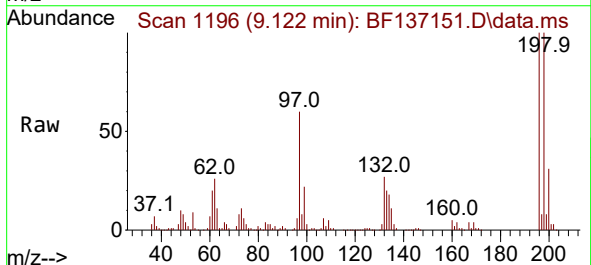
Ion Ratio Lower Upper

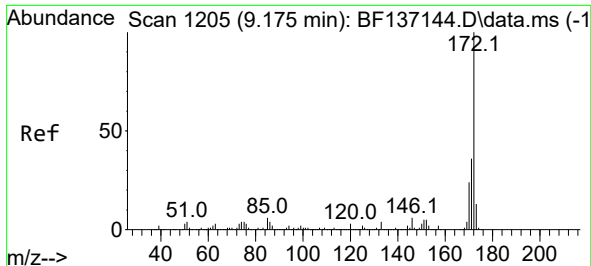
196 100

198 100.0 81.7 122.5

97 59.8 43.9 65.9

132 27.4 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 77.899 ng

RT: 9.175 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BF137151.D

Acq: 25 Jan 2024 17:03

Instrument :

BNA_F

ClientSampleId :

PB158626BS

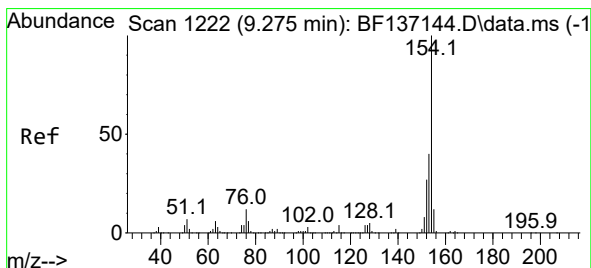
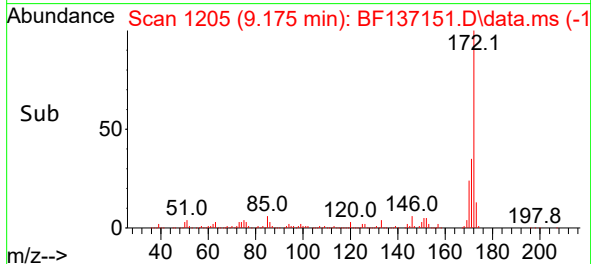
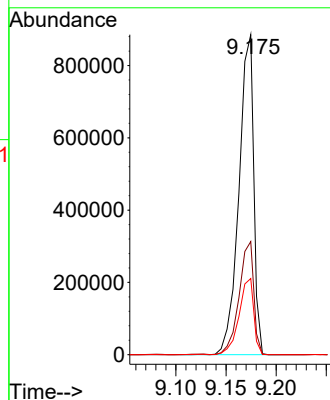
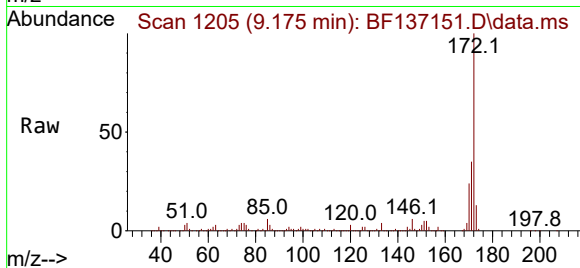
Tgt Ion:172 Resp: 910372

Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 23.8 18.8 28.2



#46

1,1'-Biphenyl

Concen: 41.089 ng

RT: 9.275 min Scan# 1222

Delta R.T. 0.000 min

Lab File: BF137151.D

Acq: 25 Jan 2024 17:03

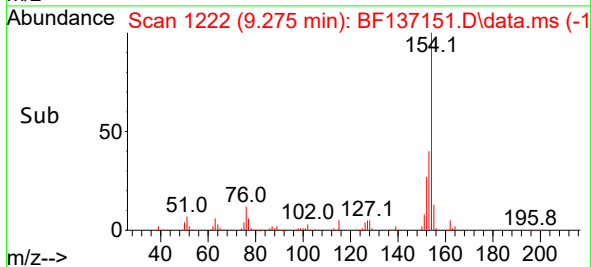
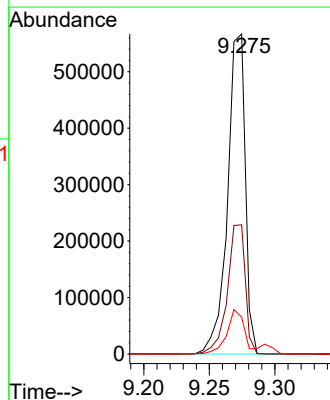
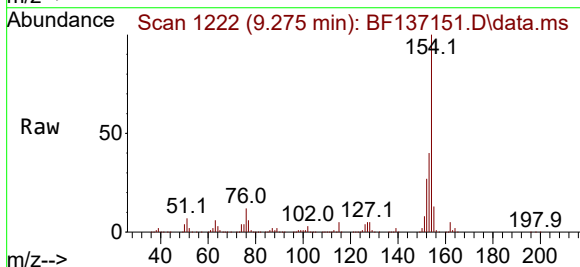
Tgt Ion:154 Resp: 532964

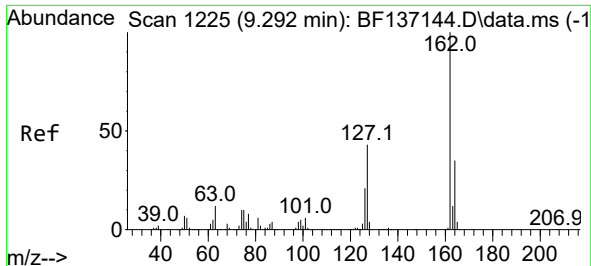
Ion Ratio Lower Upper

154 100

153 40.4 20.4 60.4

76 11.5 0.0 31.9

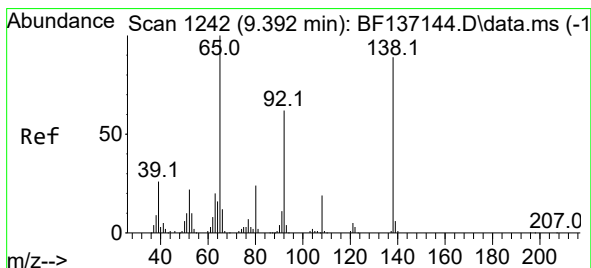
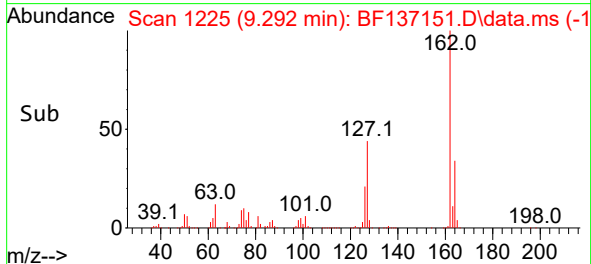
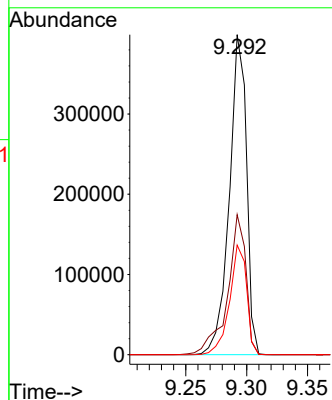
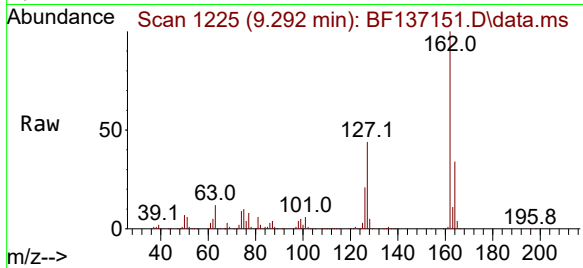




#47
2-Chloronaphthalene
Concen: 41.039 ng
RT: 9.292 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

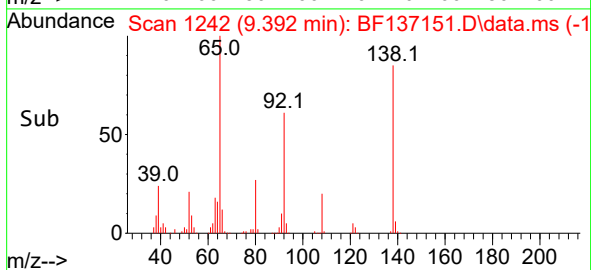
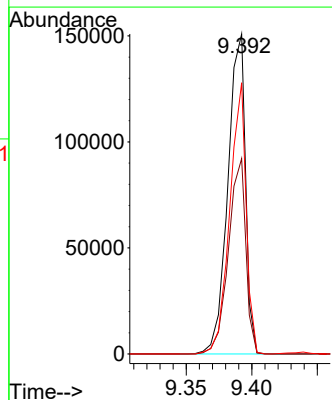
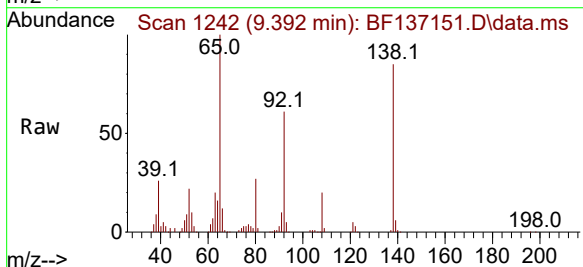
Instrument :
BNA_F
ClientSampleId :
PB158626BS

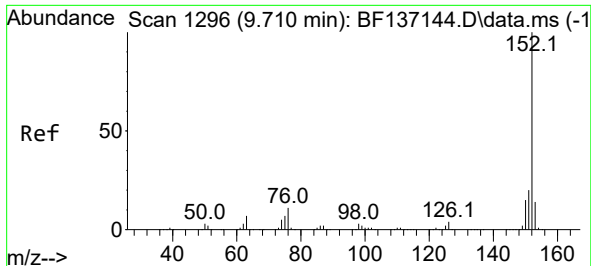
Tgt Ion:162 Resp: 391819
Ion Ratio Lower Upper
162 100
127 43.7 34.6 52.0
164 34.3 27.7 41.5



#48
2-Nitroaniline
Concen: 44.493 ng
RT: 9.392 min Scan# 1242
Delta R.T. 0.000 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

Tgt Ion: 65 Resp: 141075
Ion Ratio Lower Upper
65 100
92 61.1 49.4 74.2
138 84.7 70.8 106.2





#49

Acenaphthylene

Concen: 40.927 ng

RT: 9.710 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137151.D

Acq: 25 Jan 2024 17:03

Instrument :

BNA_F

ClientSampleId :

PB158626BS

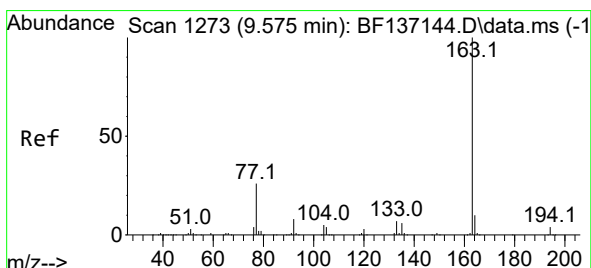
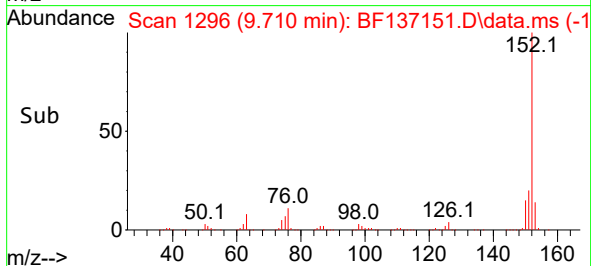
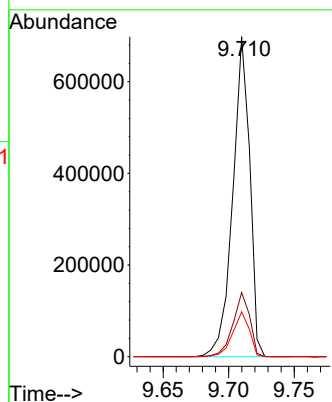
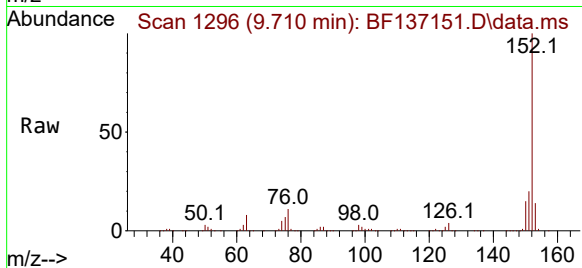
Tgt Ion:152 Resp: 628051

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

153 14.0 11.4 17.2



#50

Dimethylphthalate

Concen: 42.781 ng

RT: 9.580 min Scan# 1274

Delta R.T. 0.005 min

Lab File: BF137151.D

Acq: 25 Jan 2024 17:03

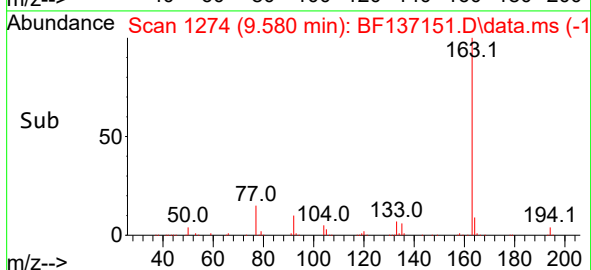
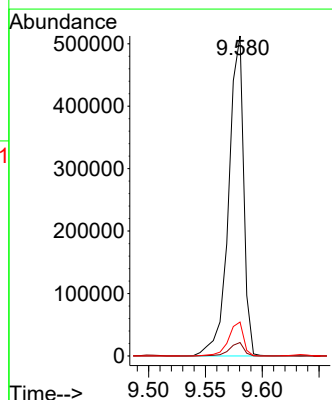
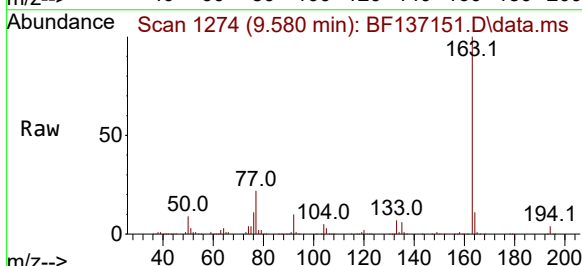
Tgt Ion:163 Resp: 471367

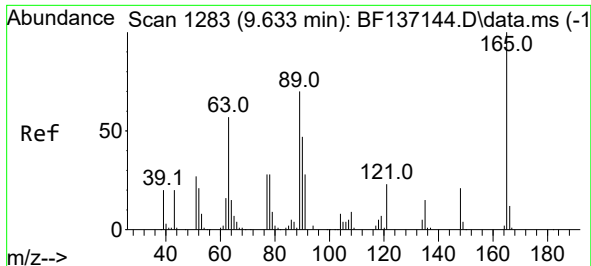
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.6 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 46.216 ng

RT: 9.633 min Scan# 1283

Delta R.T. 0.000 min

Lab File: BF137151.D

Acq: 25 Jan 2024 17:03

Instrument :

BNA_F

ClientSampleId :

PB158626BS

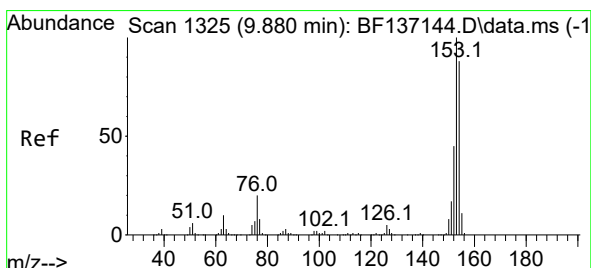
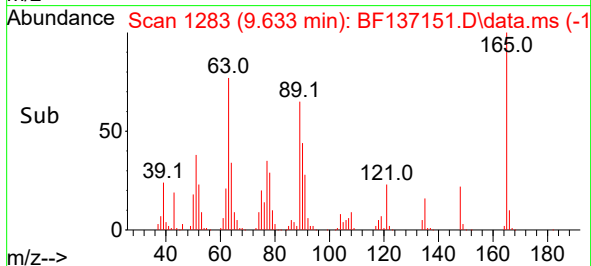
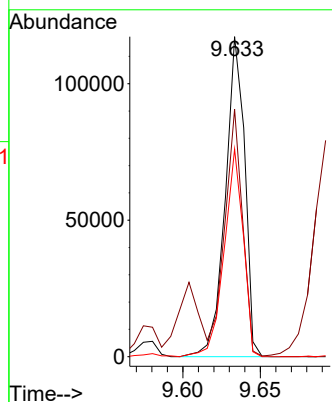
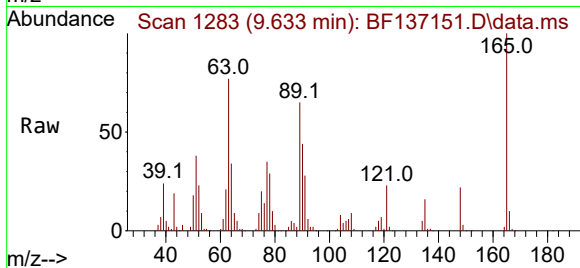
Tgt Ion:165 Resp: 102117

Ion Ratio Lower Upper

165 100

63 77.3 64.4 96.6

89 64.9 55.7 83.5



#52

Acenaphthene

Concen: 40.589 ng

RT: 9.880 min Scan# 1325

Delta R.T. 0.000 min

Lab File: BF137151.D

Acq: 25 Jan 2024 17:03

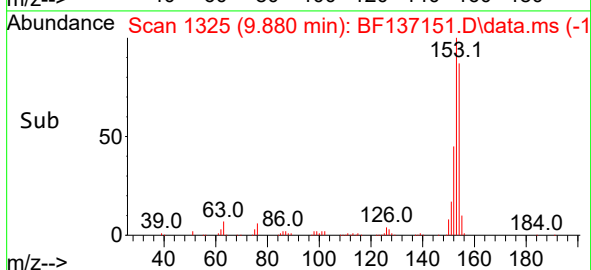
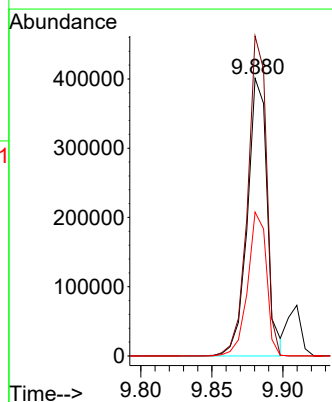
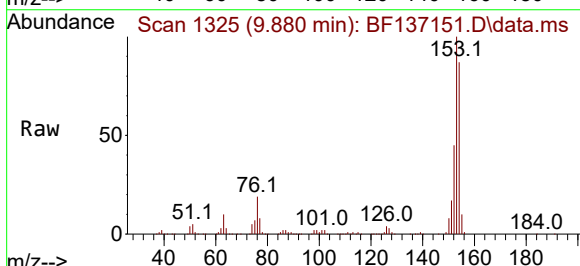
Tgt Ion:154 Resp: 385495

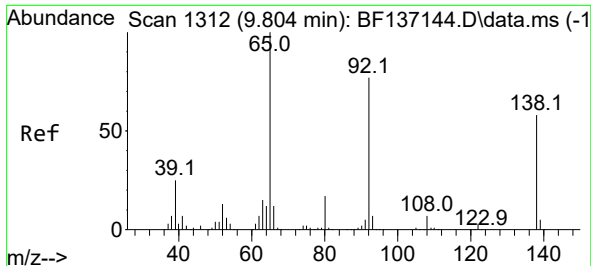
Ion Ratio Lower Upper

154 100

153 115.3 91.0 136.6

152 51.8 41.2 61.8

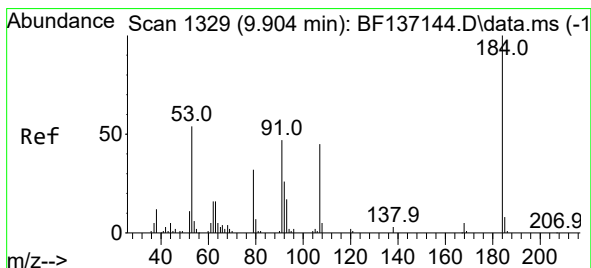
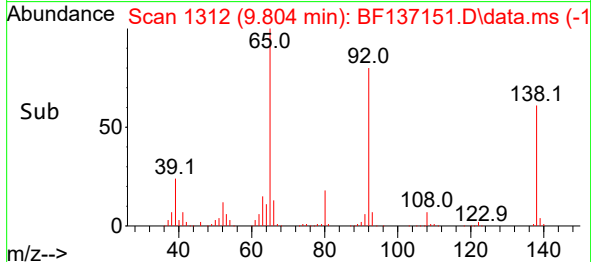
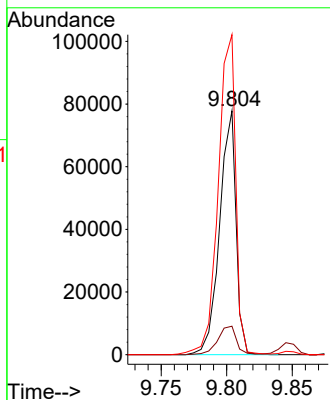
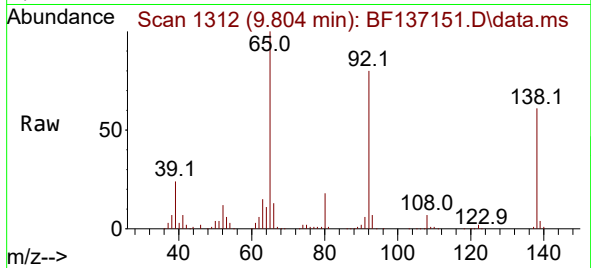




#53
3-Nitroaniline
Concen: 33.542 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

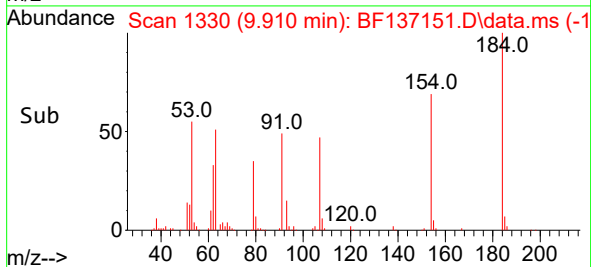
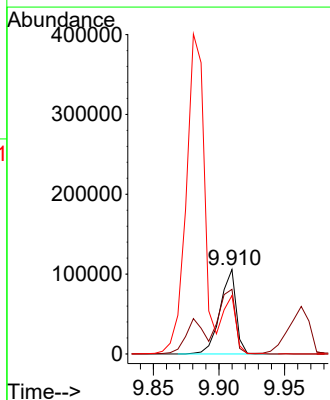
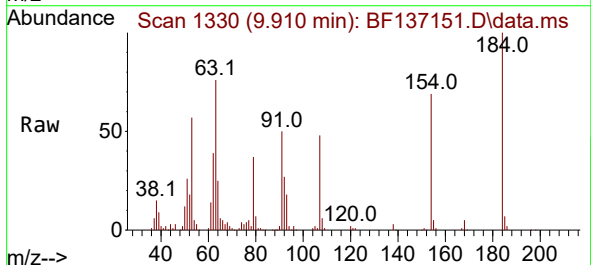
Instrument :
BNA_F
ClientSampleId :
PB158626BS

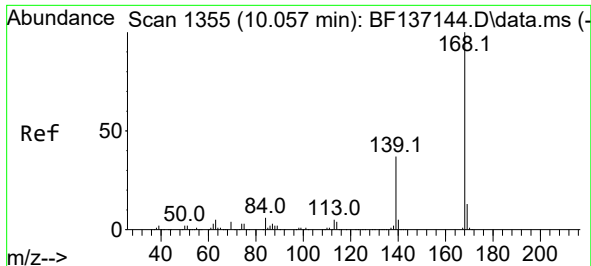
Tgt Ion:138 Resp: 67490
Ion Ratio Lower Upper
138 100
108 11.7 10.2 15.2
92 131.2 105.7 158.5



#54
2,4-Dinitrophenol
Concen: 86.084 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

Tgt Ion:184 Resp: 89634
Ion Ratio Lower Upper
184 100
63 76.5 61.2 91.8
154 69.1 51.6 77.4

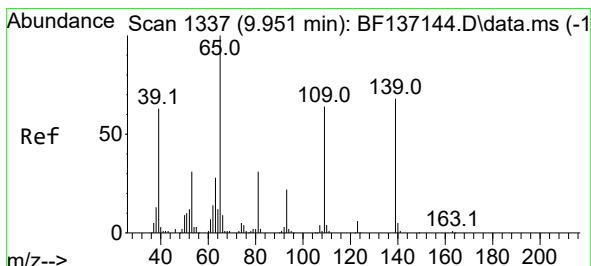
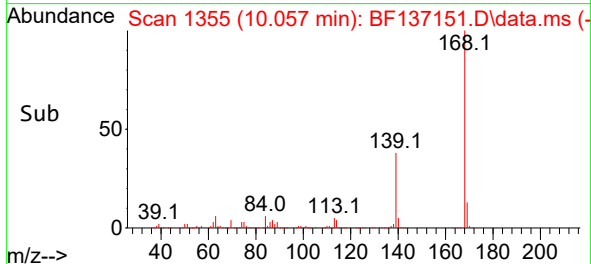
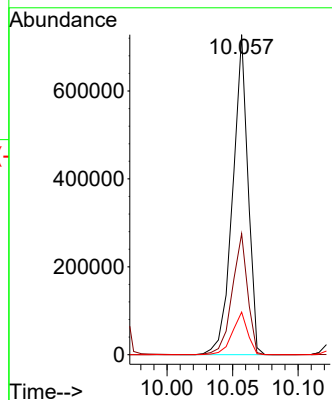
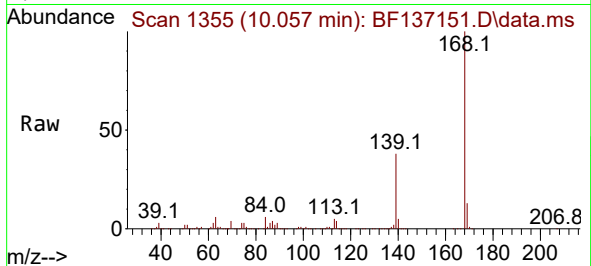




#55
Dibenzofuran
Concen: 41.238 ng
RT: 10.057 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

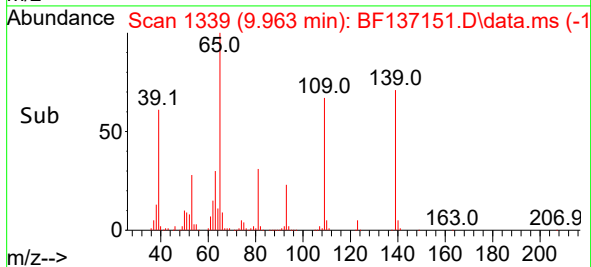
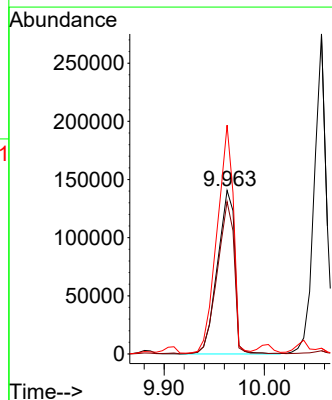
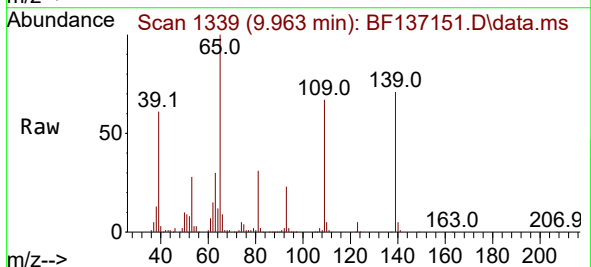
Instrument :
BNA_F
ClientSampleId :
PB158626BS

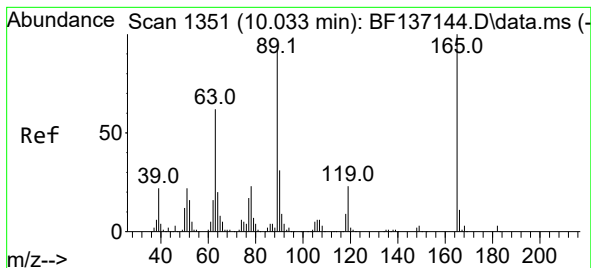
Tgt Ion:168 Resp: 590814
Ion Ratio Lower Upper
168 100
139 37.8 29.5 44.3
169 13.3 10.5 15.7



#56
4-Nitrophenol
Concen: 104.976 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

Tgt Ion:139 Resp: 168027
Ion Ratio Lower Upper
139 100
109 93.2 73.7 113.7
65 140.0 126.0 166.0

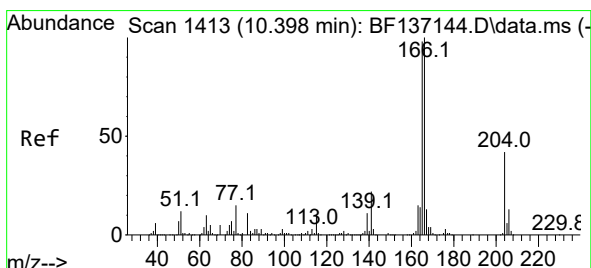
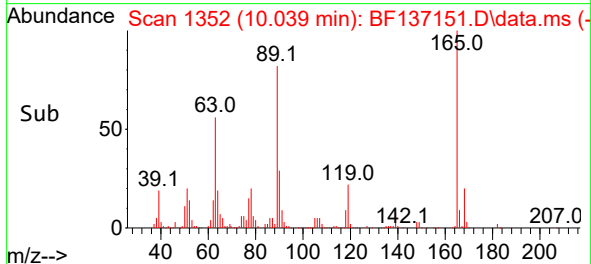
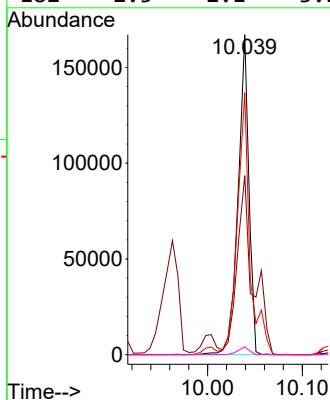
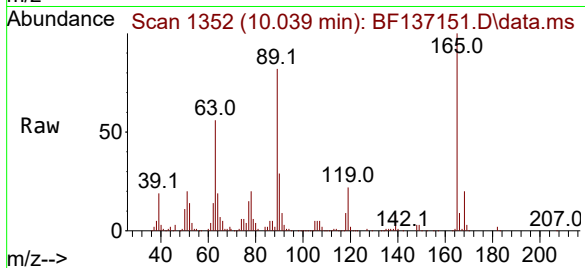




#57
2,4-Dinitrotoluene
Concen: 47.340 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.006 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

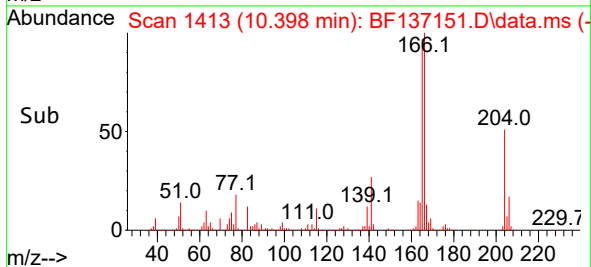
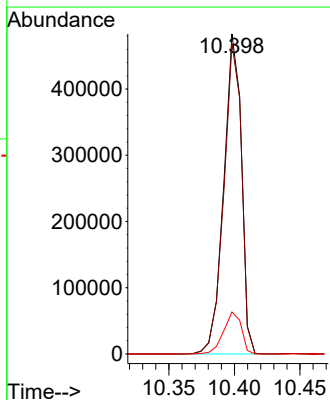
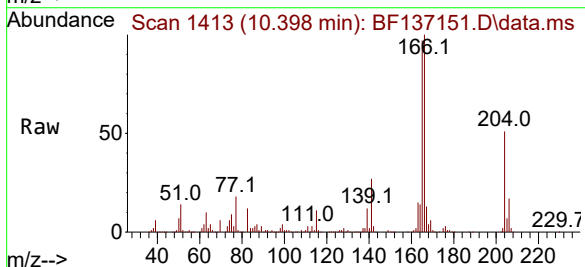
Instrument :
BNA_F
ClientSampleId :
PB158626BS

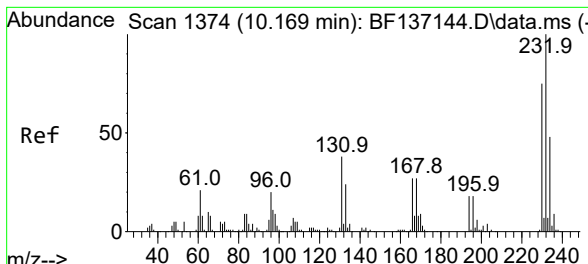
Tgt Ion:165 Resp: 132923
Ion Ratio Lower Upper
165 100
63 56.0 49.4 74.2
89 81.9 73.5 110.3
182 2.5 2.1 3.1



#58
Fluorene
Concen: 41.178 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

Tgt Ion:166 Resp: 452225
Ion Ratio Lower Upper
166 100
165 97.0 78.6 118.0
167 13.1 10.7 16.1

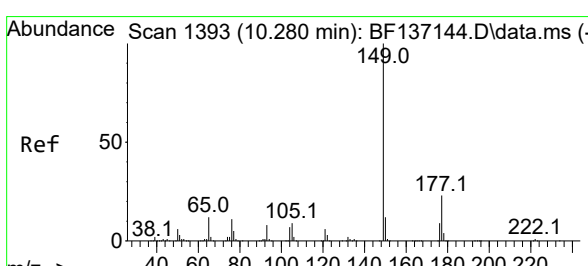
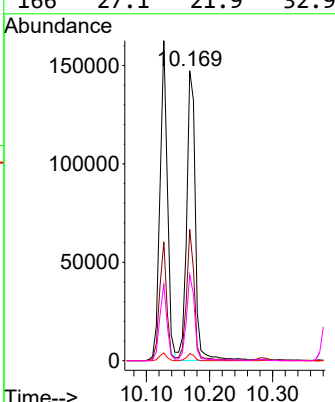
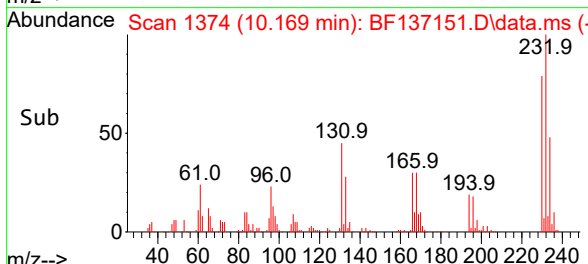
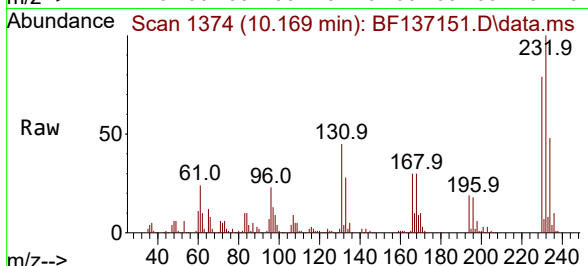




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.288 ng
 RT: 10.169 min Scan# 1374
 Delta R.T. 0.000 min
 Lab File: BF137151.D
 Acq: 25 Jan 2024 17:03

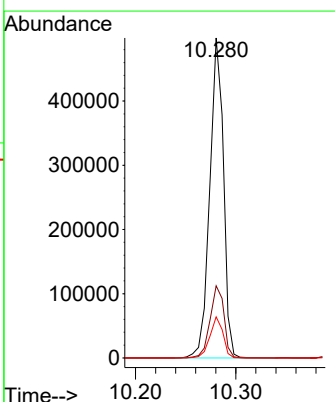
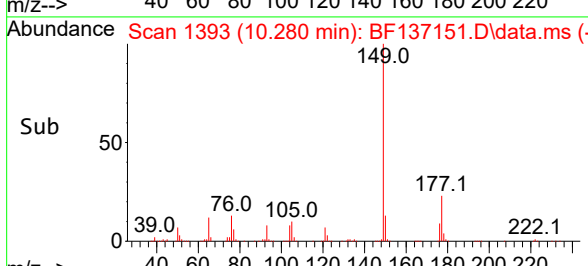
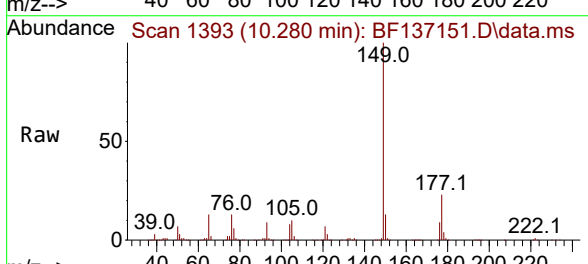
Instrument :
 BNA_F
 ClientSampleId :
 PB158626BS

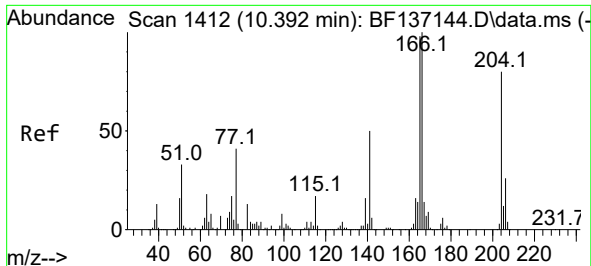
Tgt Ion:	232	Resp:	140914
Ion Ratio	Lower	Upper	
232	100		
131	40.7	31.4	47.0
130	2.2	1.8	2.6
166	27.1	21.9	32.9



#60
 Diethylphthalate
 Concen: 43.593 ng
 RT: 10.280 min Scan# 1393
 Delta R.T. 0.000 min
 Lab File: BF137151.D
 Acq: 25 Jan 2024 17:03

Tgt Ion:	149	Resp:	471065
Ion Ratio	Lower	Upper	
149	100		
177	22.6	18.7	28.1
150	12.9	9.4	14.2

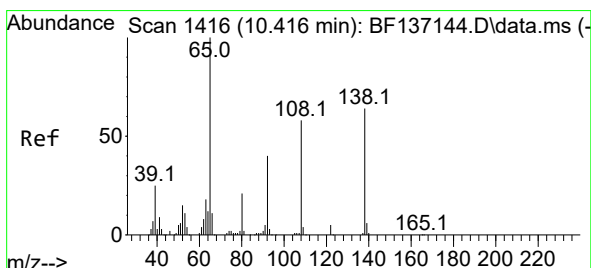
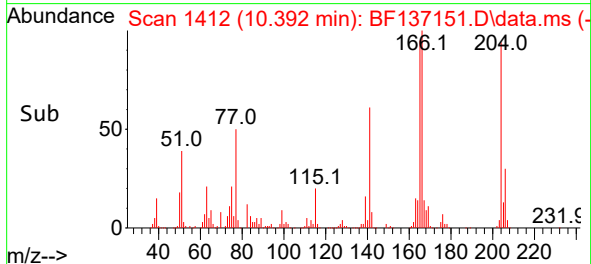
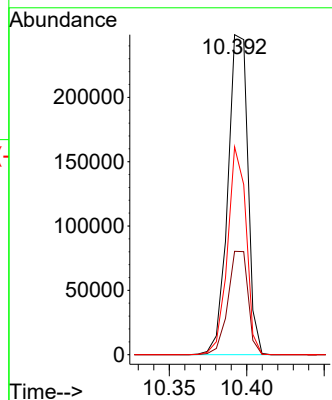
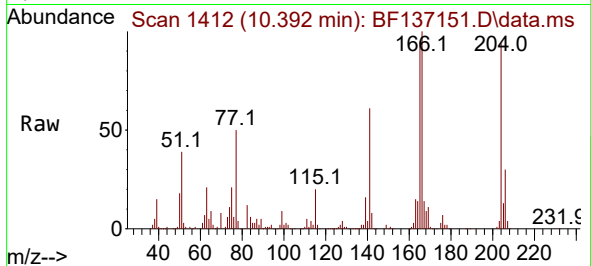




#61
4-Chlorophenyl-phenylether
Concen: 40.913 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

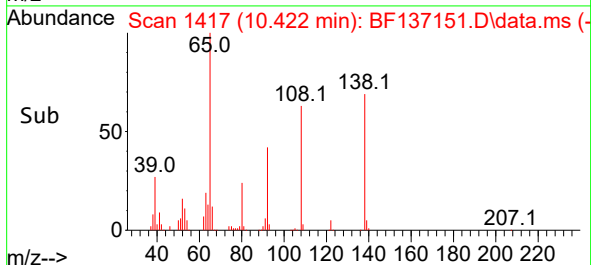
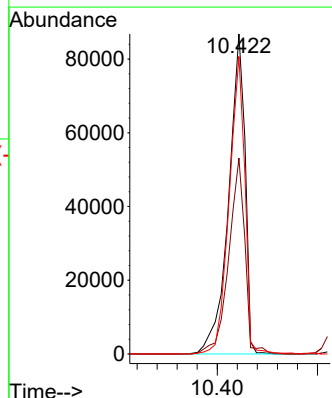
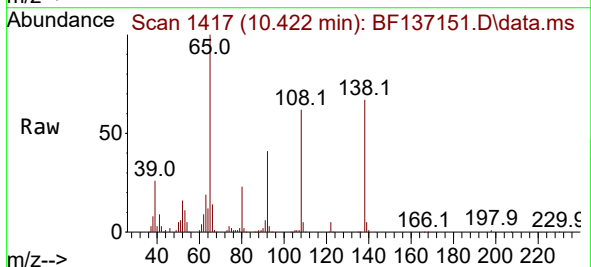
Instrument :
BNA_F
ClientSampleId :
PB158626BS

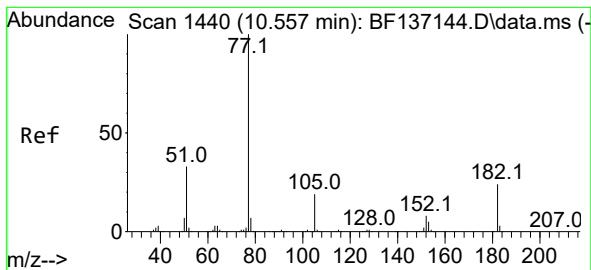
Tgt Ion:204 Resp: 223967
Ion Ratio Lower Upper
204 100
206 32.3 25.6 38.4
141 65.0 50.3 75.5



#62
4-Nitroaniline
Concen: 49.138 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

Tgt Ion:138 Resp: 98656
Ion Ratio Lower Upper
138 100
92 61.2 42.7 82.7
108 93.0 70.8 110.8





#63

Azobenzene

Concen: 40.750 ng

RT: 10.557 min Scan# 1440

Delta R.T. 0.000 min

Lab File: BF137151.D

Acq: 25 Jan 2024 17:03

Instrument :

BNA_F

ClientSampleId :

PB158626BS

Tgt Ion: 77 Resp: 512815

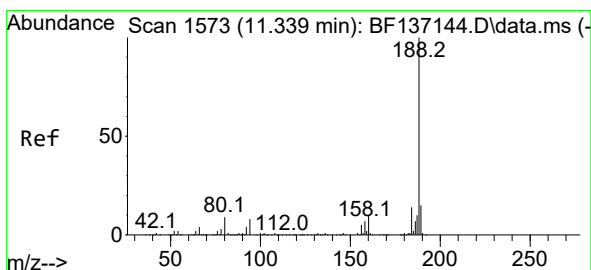
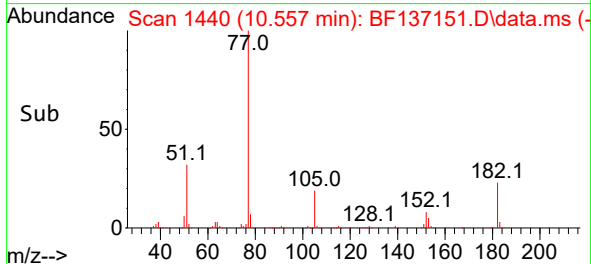
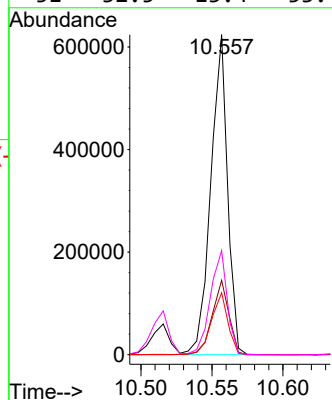
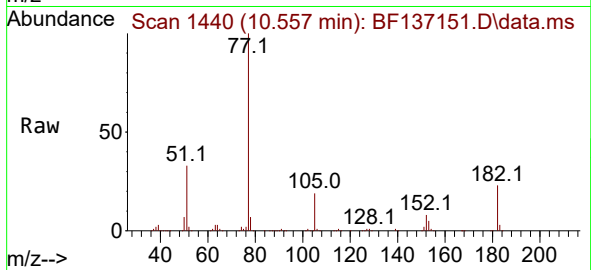
Ion Ratio Lower Upper

77 100

182 23.3 4.4 44.4

105 19.4 0.0 39.3

51 32.5 13.4 53.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.339 min Scan# 1573

Delta R.T. 0.000 min

Lab File: BF137151.D

Acq: 25 Jan 2024 17:03

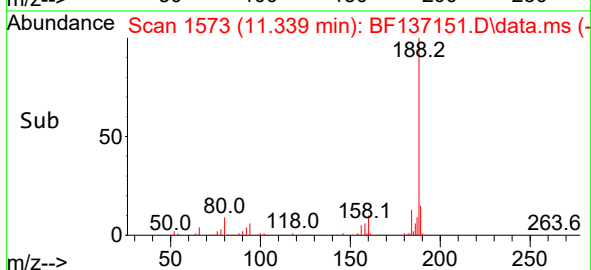
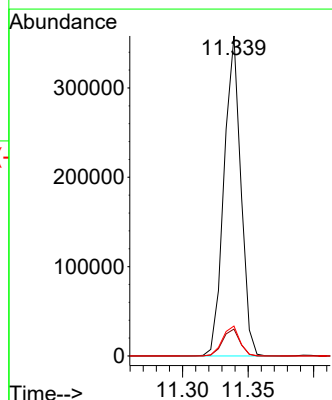
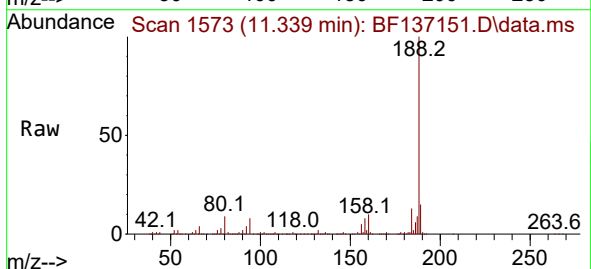
Tgt Ion:188 Resp: 318298

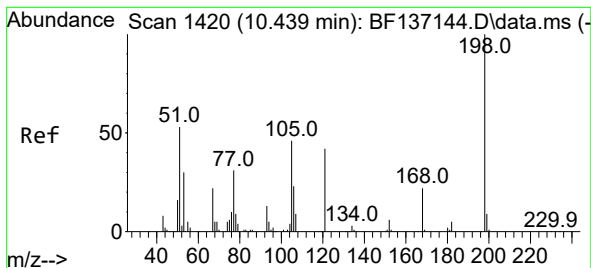
Ion Ratio Lower Upper

188 100

94 8.4 6.4 9.6

80 9.3 7.4 11.0

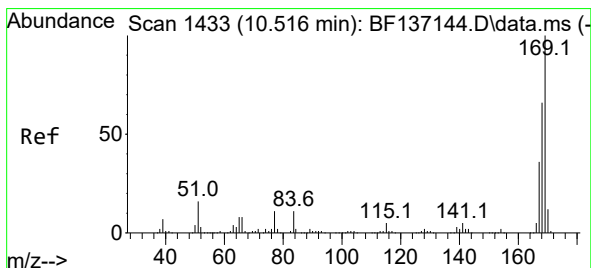
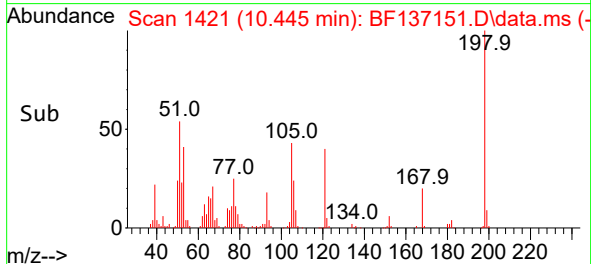
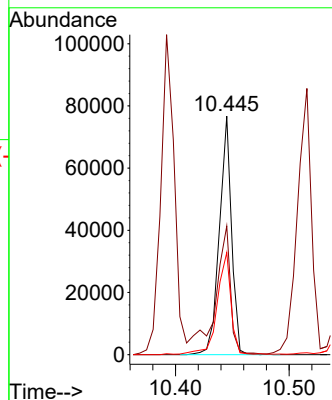
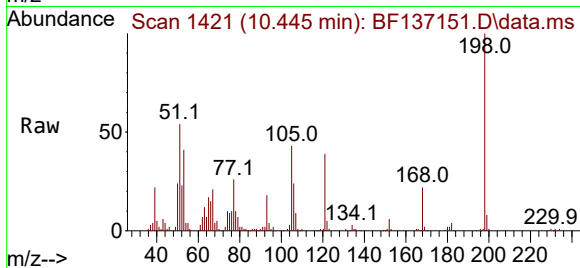




#65
4,6-Dinitro-2-methylphenol
Concen: 45.692 ng
RT: 10.445 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

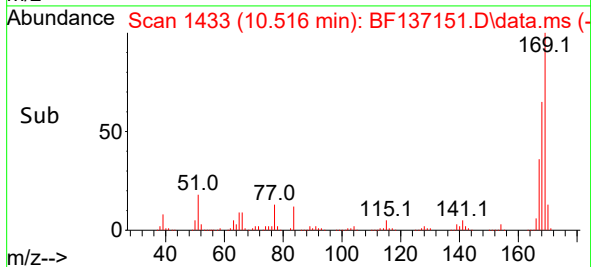
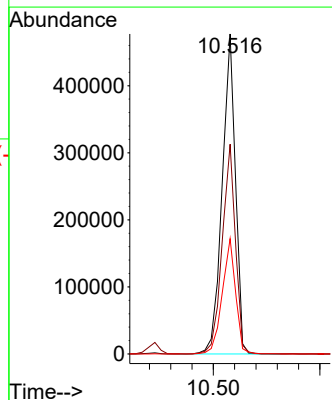
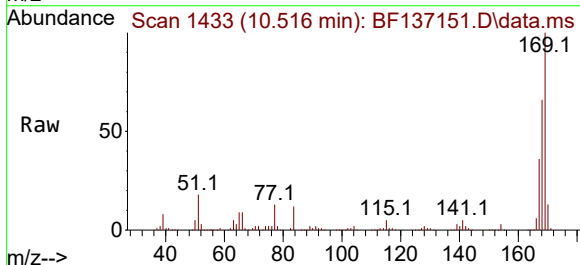
Instrument :
BNA_F
ClientSampleId :
PB158626BS

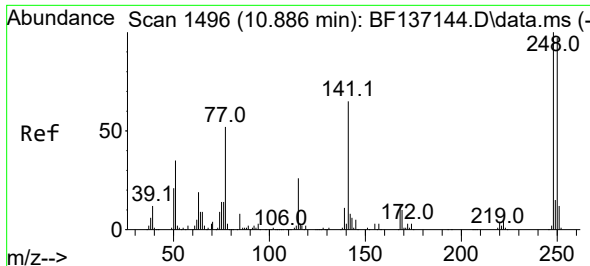
Tgt Ion:198 Resp: 57379
Ion Ratio Lower Upper
198 100
51 54.0 44.7 84.7
105 42.8 28.2 68.2



#66
n-Nitrosodiphenylamine
Concen: 42.019 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

Tgt Ion:169 Resp: 410034
Ion Ratio Lower Upper
169 100
168 65.5 52.6 78.8
167 36.1 28.9 43.3

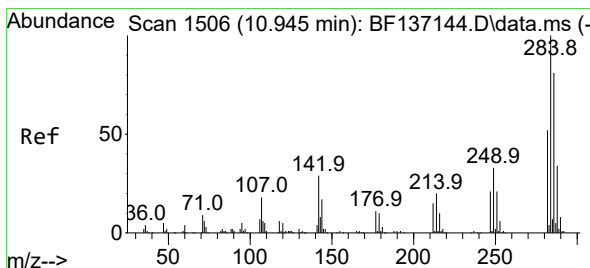
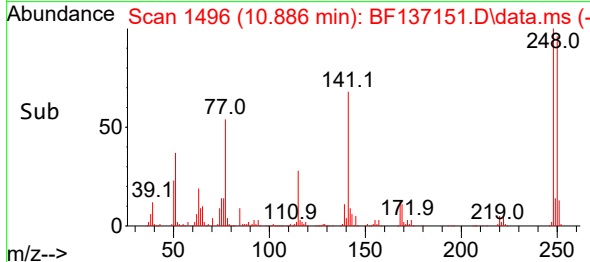
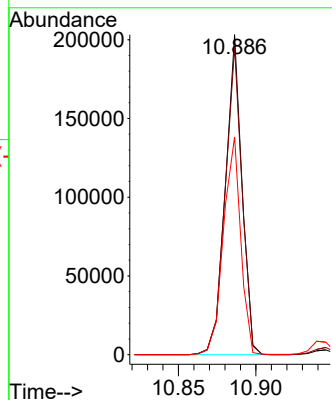
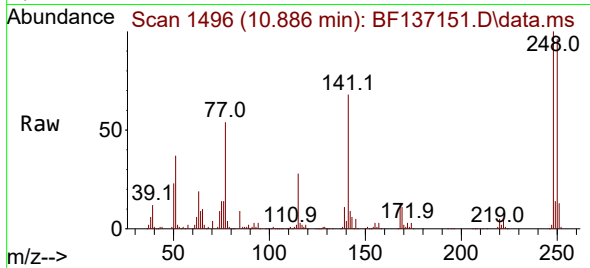




#67
4-Bromophenyl-phenylether
Concen: 41.385 ng
RT: 10.886 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

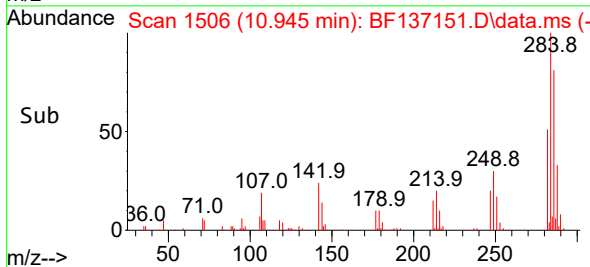
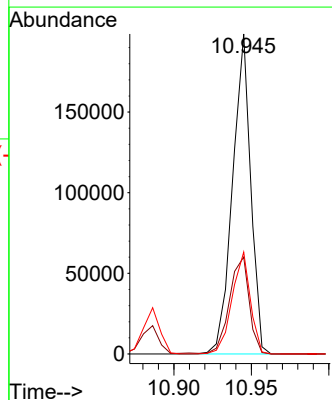
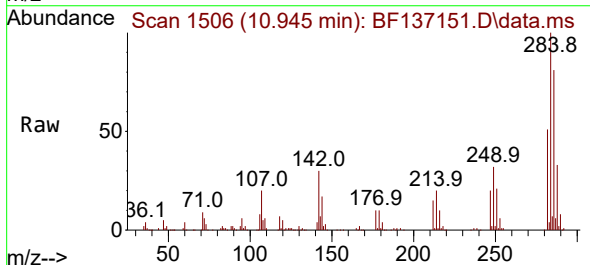
Instrument :
BNA_F
ClientSampleId :
PB158626BS

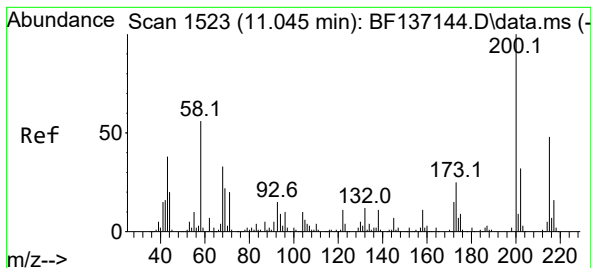
Tgt Ion:248 Resp: 151779
Ion Ratio Lower Upper
248 100
250 96.2 77.7 116.5
141 68.0 52.3 78.5



#68
Hexachlorobenzene
Concen: 41.814 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.000 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

Tgt Ion:284 Resp: 161291
Ion Ratio Lower Upper
284 100
142 30.3 23.2 34.8
249 31.9 26.2 39.2





#69

Atrazine

Concen: 33.403 ng

RT: 11.045 min Scan# 1523

Delta R.T. 0.000 min

Lab File: BF137151.D

Acq: 25 Jan 2024 17:03

Instrument :

BNA_F

ClientSampleId :

PB158626BS

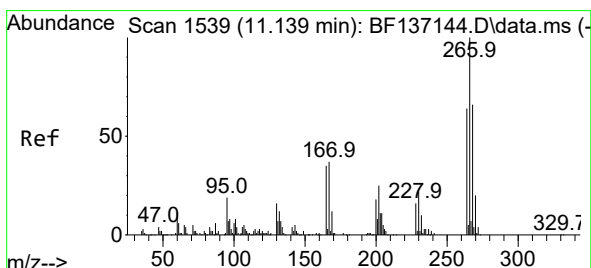
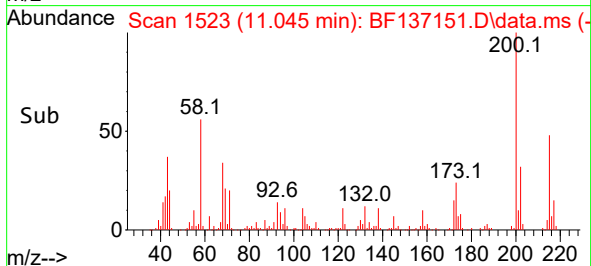
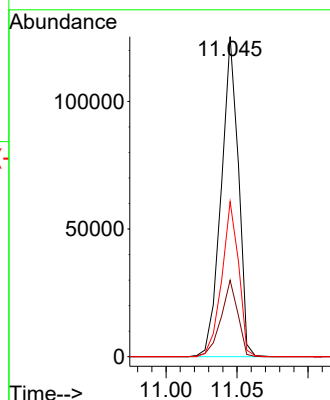
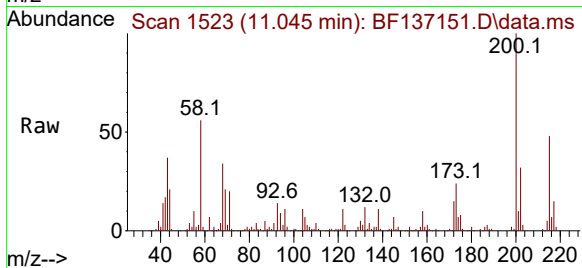
Tgt Ion:200 Resp: 105012

Ion Ratio Lower Upper

200 100

173 23.9 5.1 45.1

215 48.4 27.7 67.7



#70

Pentachlorophenol

Concen: 94.293 ng

RT: 11.139 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF137151.D

Acq: 25 Jan 2024 17:03

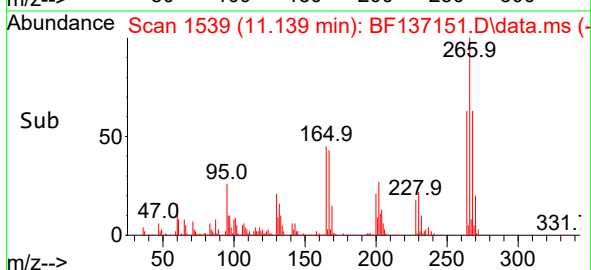
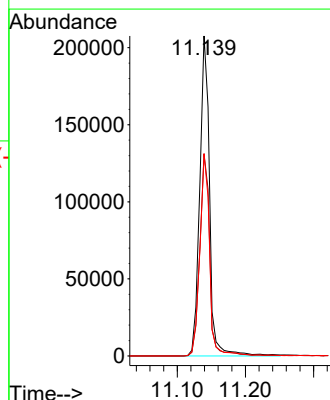
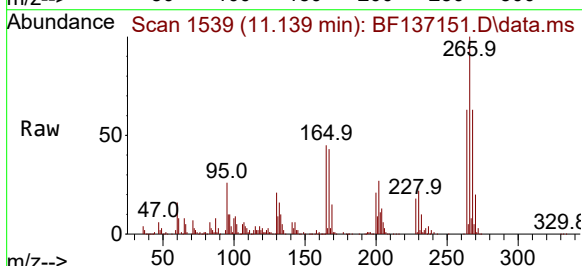
Tgt Ion:266 Resp: 207260

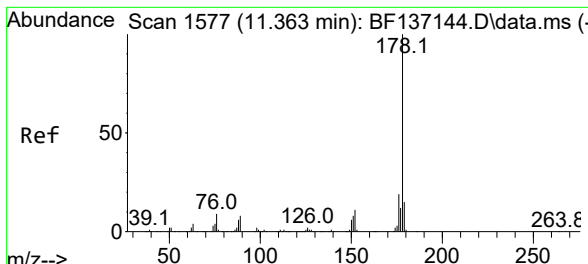
Ion Ratio Lower Upper

266 100

268 63.2 53.0 79.6

264 63.2 51.6 77.4



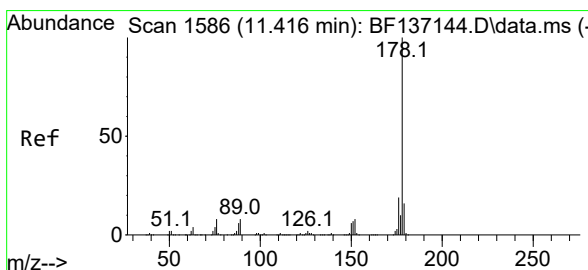
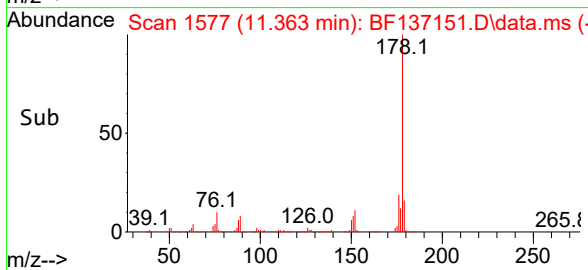
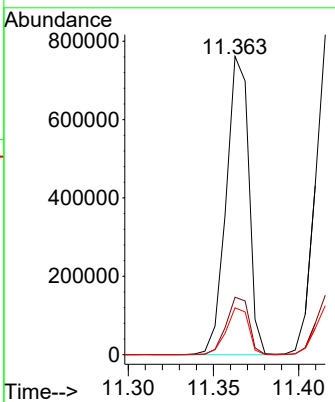
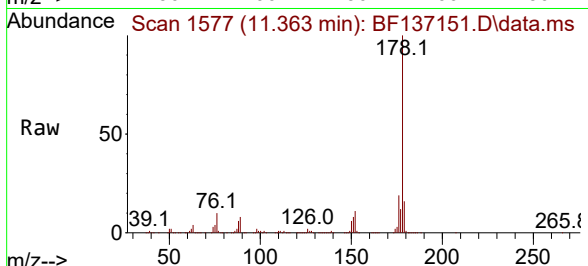


#71
 Phenanthrene
 Concen: 41.704 ng
 RT: 11.363 min Scan# 1577
 Delta R.T. 0.000 min
 Lab File: BF137151.D
 Acq: 25 Jan 2024 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB158626BS

Tgt Ion:178 Resp: 702418

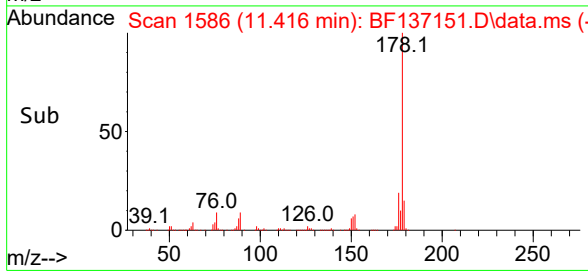
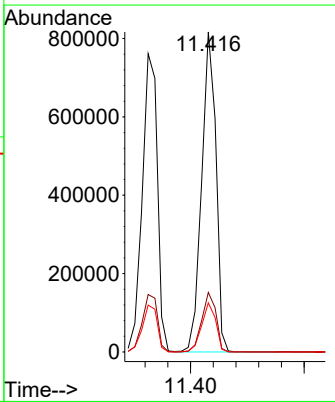
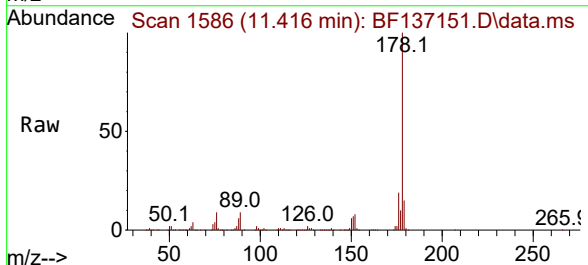
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.7	12.3	18.5

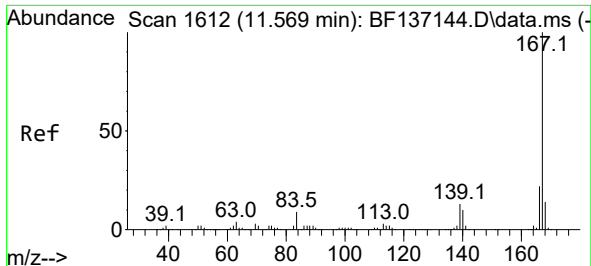


#72
 Anthracene
 Concen: 41.466 ng
 RT: 11.416 min Scan# 1586
 Delta R.T. 0.000 min
 Lab File: BF137151.D
 Acq: 25 Jan 2024 17:03

Tgt Ion:178 Resp: 711466

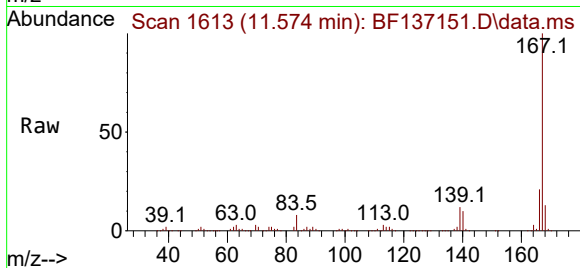
Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.3	22.9
179	15.3	12.6	18.8



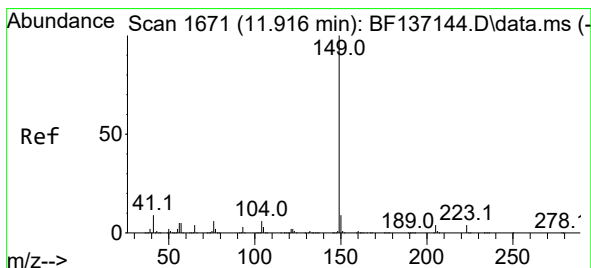
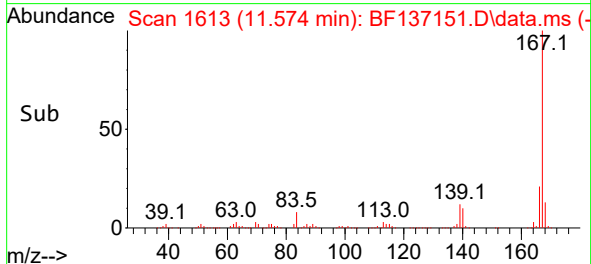
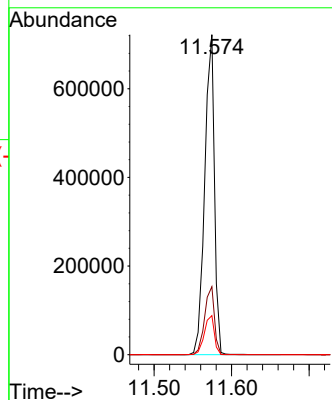


#73
 Carbazole
 Concen: 42.926 ng
 RT: 11.574 min Scan# 1613
 Delta R.T. 0.006 min
 Lab File: BF137151.D
 Acq: 25 Jan 2024 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB158626BS

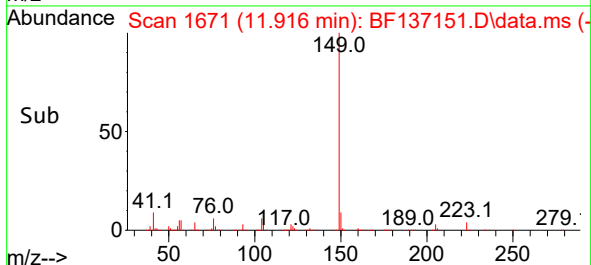
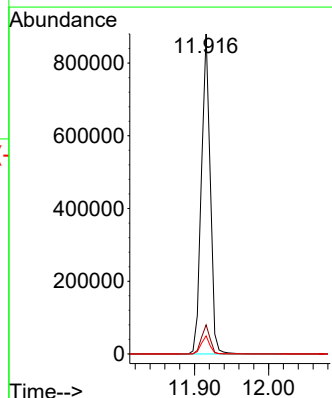
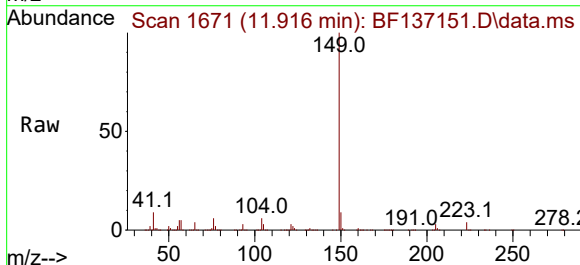


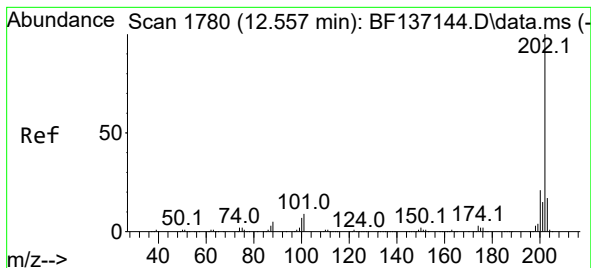
Tgt Ion:167 Resp: 628916
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 12.2 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 47.380 ng
 RT: 11.916 min Scan# 1671
 Delta R.T. 0.000 min
 Lab File: BF137151.D
 Acq: 25 Jan 2024 17:03

Tgt Ion:149 Resp: 726875
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.7 4.4 6.6

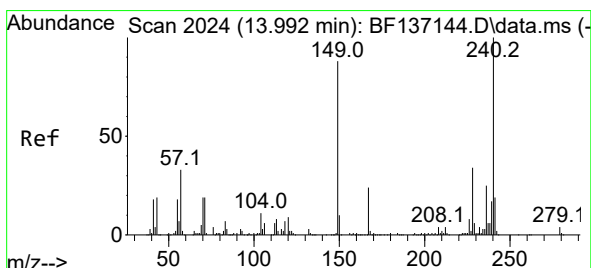
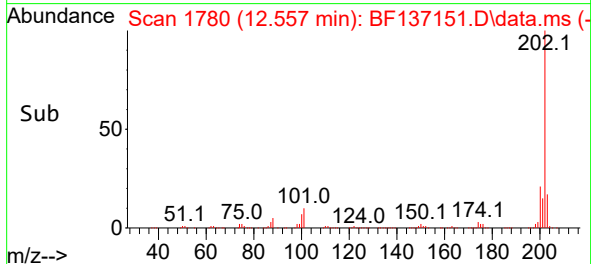
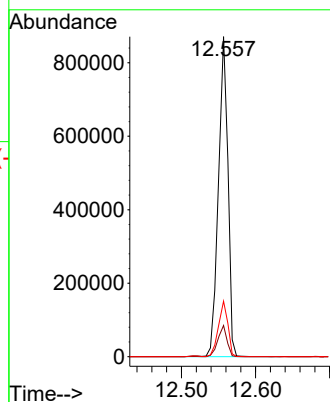
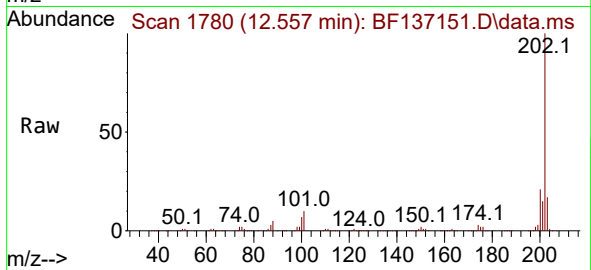




#75
Fluoranthene
Concen: 44.291 ng
RT: 12.557 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

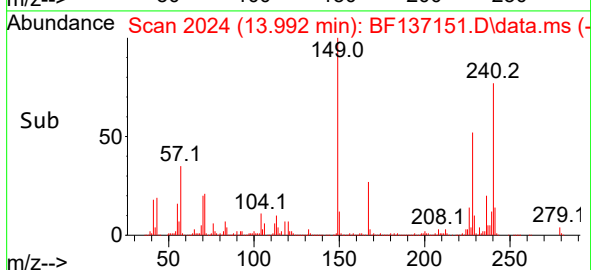
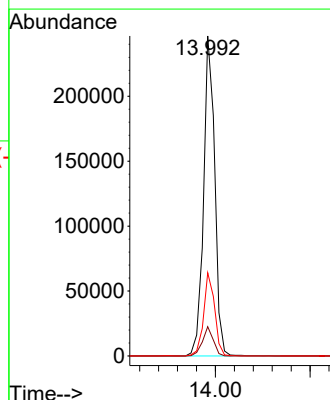
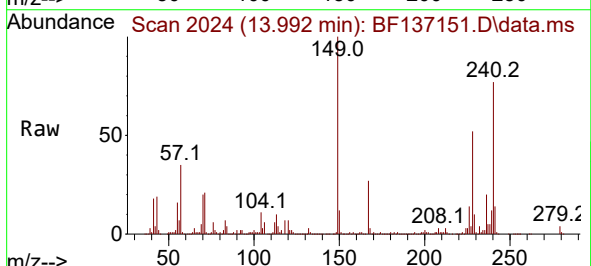
Instrument : BNA_F
ClientSampleId : PB158626BS

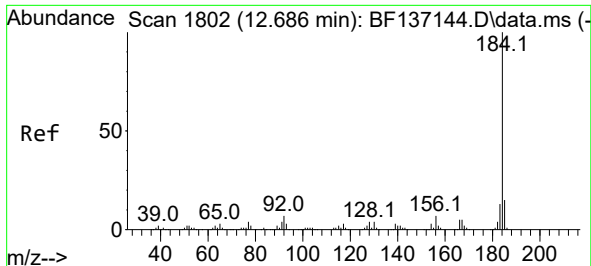
Tgt Ion:	202	Resp:	774127
Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	29.3
203	17.4	0.0	37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

Tgt Ion:	240	Resp:	202408
Ion	Ratio	Lower	Upper
240	100		
120	9.2	6.9	10.3
236	26.0	20.4	30.6

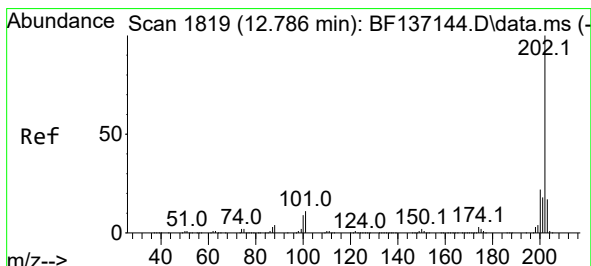
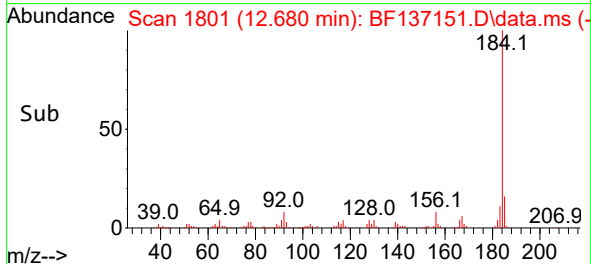
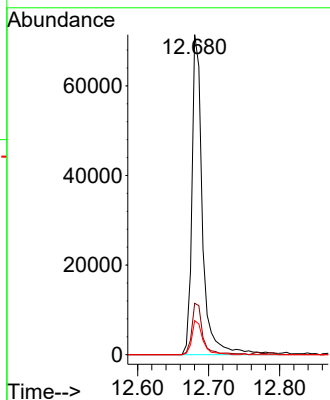
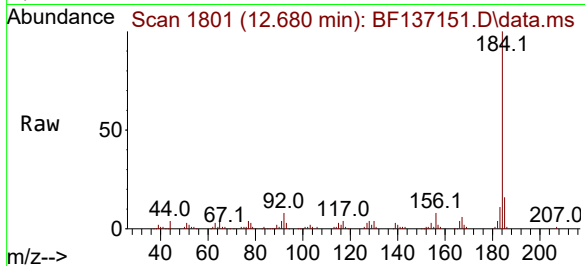




#77
Benzidine
Concen: 18.931 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.006 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

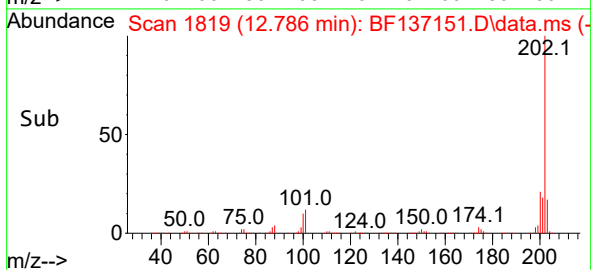
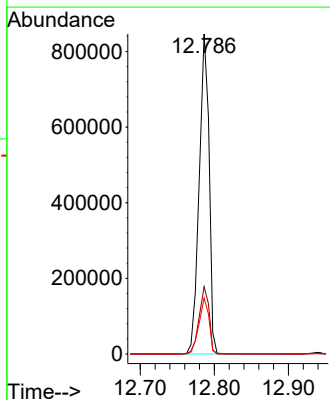
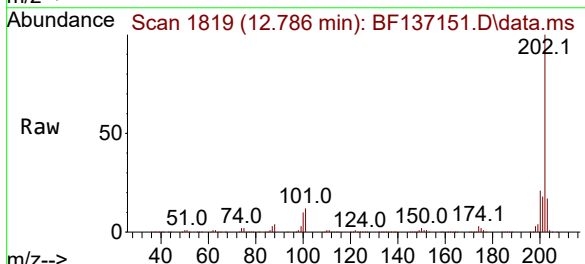
Instrument :
BNA_F
ClientSampleId :
PB158626BS

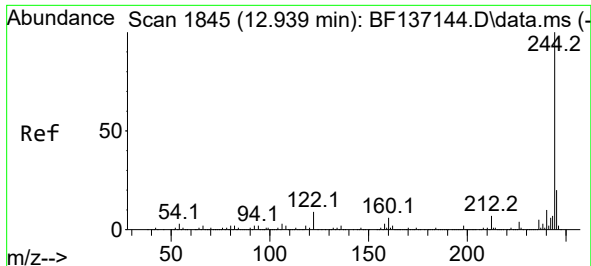
Tgt Ion:184 Resp: 74308
Ion Ratio Lower Upper
184 100
185 16.0 12.2 18.4
183 10.6 10.0 15.0



#78
Pyrene
Concen: 42.897 ng
RT: 12.786 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

Tgt Ion:202 Resp: 783056
Ion Ratio Lower Upper
202 100
200 21.0 17.3 25.9
203 17.5 13.8 20.8

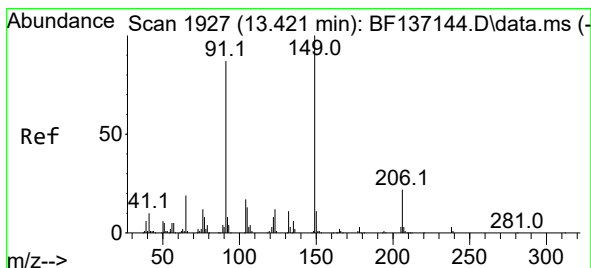
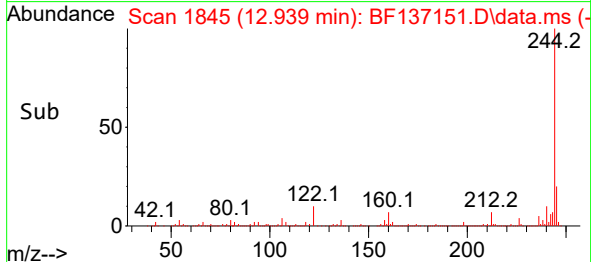
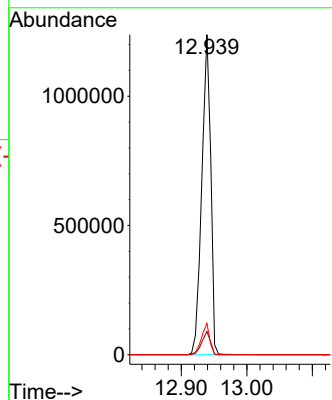
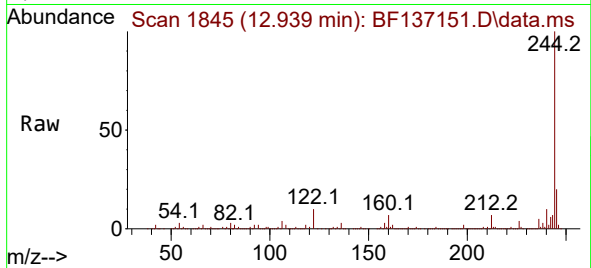




#79
 Terphenyl-d14
 Concen: 82.779 ng
 RT: 12.939 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: BF137151.D
 Acq: 25 Jan 2024 17:03

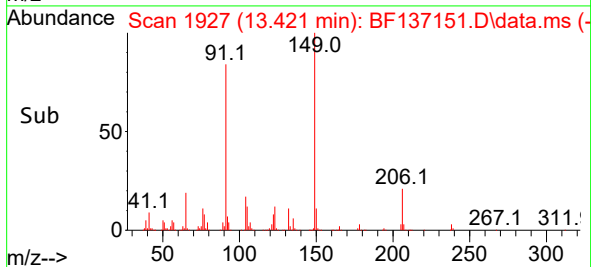
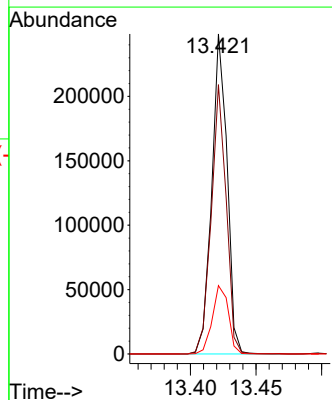
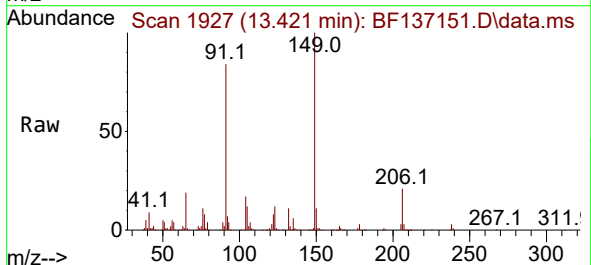
Instrument :
 BNA_F
 ClientSampleId :
 PB158626BS

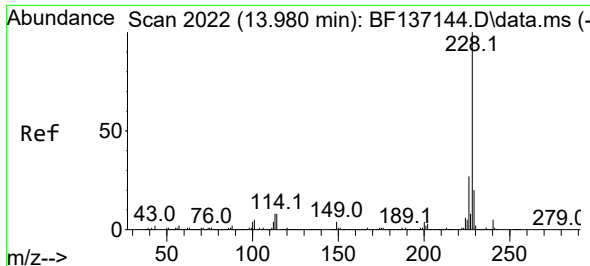
Tgt Ion:244 Resp: 1171706
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 9.8 7.3 10.9



#80
 Butylbenzylphthalate
 Concen: 52.165 ng
 RT: 13.421 min Scan# 1927
 Delta R.T. 0.000 min
 Lab File: BF137151.D
 Acq: 25 Jan 2024 17:03

Tgt Ion:149 Resp: 201590
 Ion Ratio Lower Upper
 149 100
 91 84.2 69.4 104.0
 206 21.4 17.4 26.0

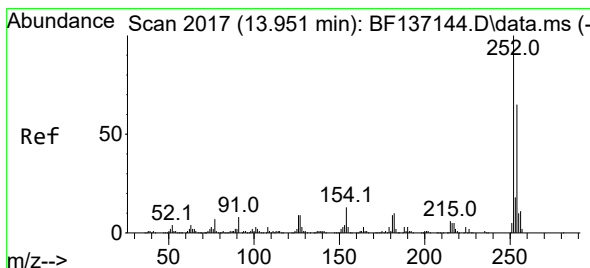
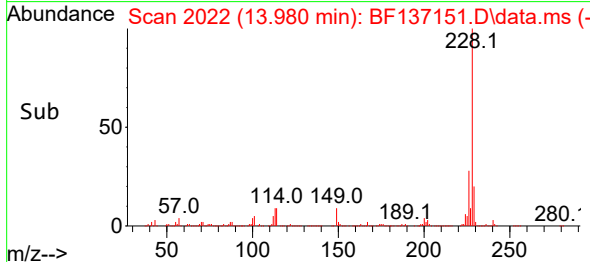
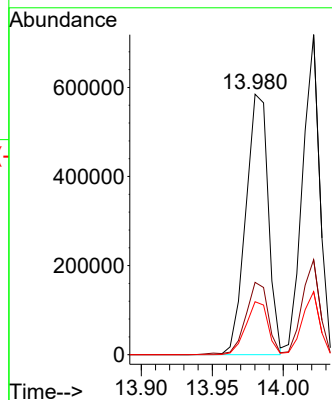
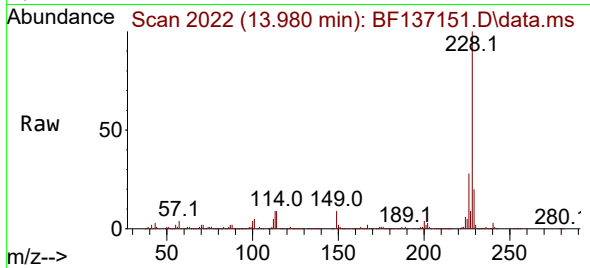




#81
Benzo(a)anthracene
Concen: 43.377 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

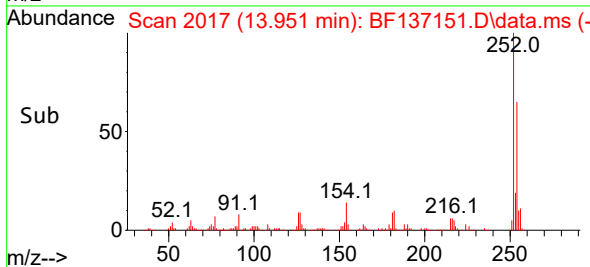
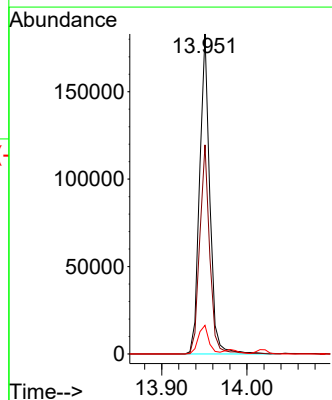
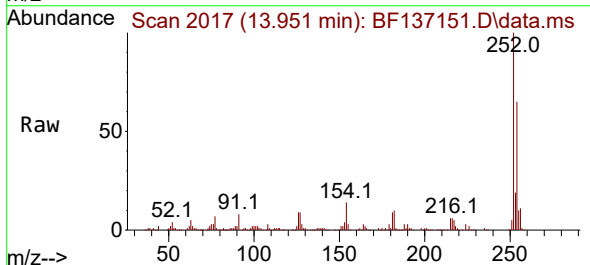
Instrument :
BNA_F
ClientSampleId :
PB158626BS

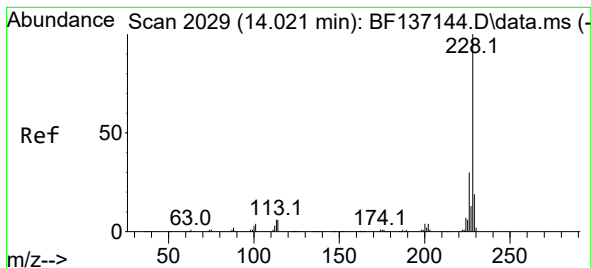
Tgt Ion:228 Resp: 642260
Ion Ratio Lower Upper
228 100
226 27.8 21.4 32.2
229 20.4 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 41.645 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

Tgt Ion:252 Resp: 152448
Ion Ratio Lower Upper
252 100
254 65.3 51.7 77.5
126 9.0 7.4 11.0





#83

Chrysene

Concen: 42.990 ng

RT: 14.021 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF137151.D

Acq: 25 Jan 2024 17:03

Instrument :

BNA_F

ClientSampleId :

PB158626BS

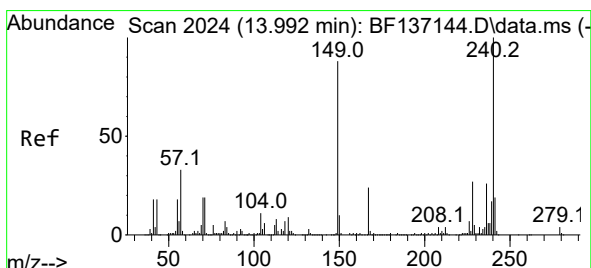
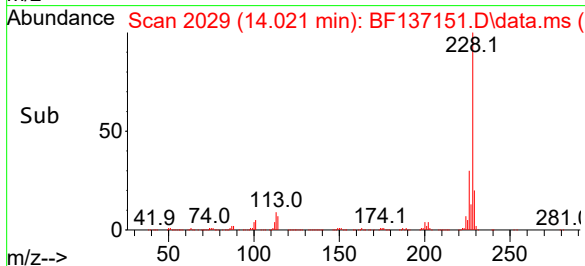
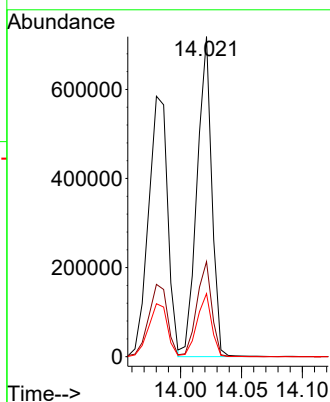
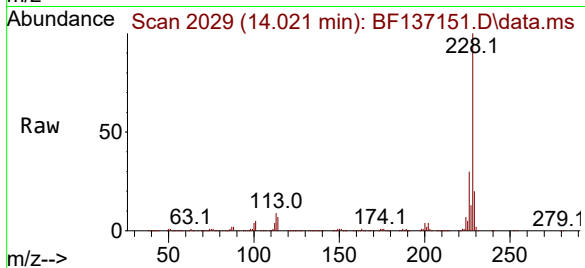
Tgt Ion:228 Resp: 603309

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.6

229 19.7 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.990 ng

RT: 13.992 min Scan# 2024

Delta R.T. -0.000 min

Lab File: BF137151.D

Acq: 25 Jan 2024 17:03

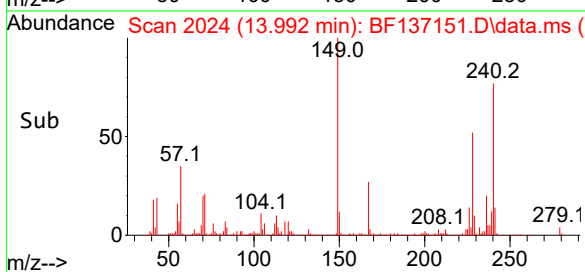
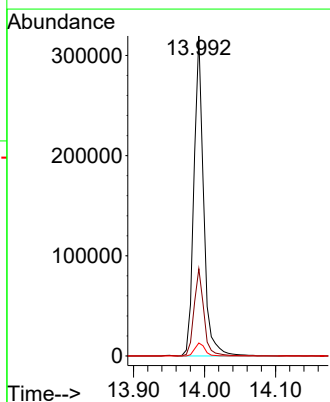
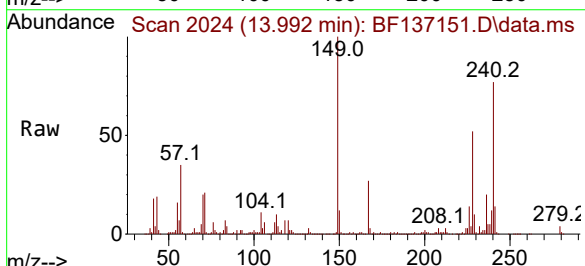
Tgt Ion:149 Resp: 304102

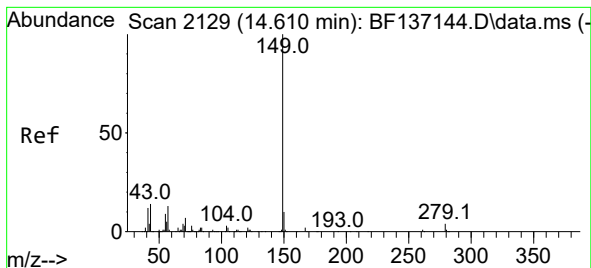
Ion Ratio Lower Upper

149 100

167 27.3 21.7 32.5

279 4.1 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 49.510 ng

RT: 14.610 min Scan# 2129

Delta R.T. -0.000 min

Lab File: BF137151.D

Acq: 25 Jan 2024 17:03

Instrument :

BNA_F

ClientSampleId :

PB158626BS

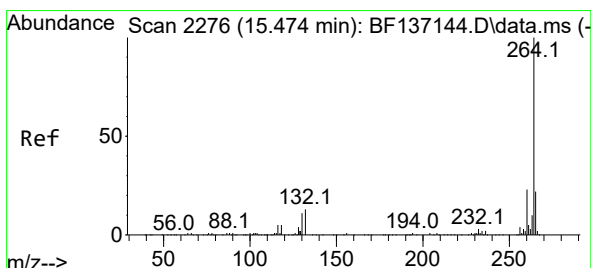
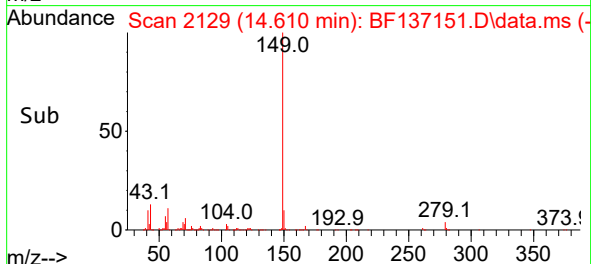
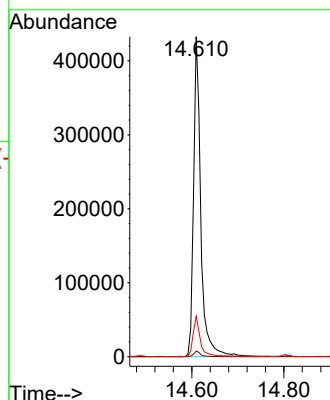
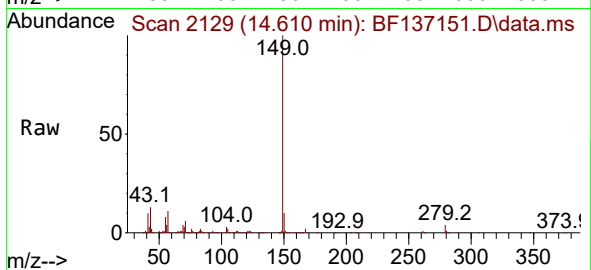
Tgt Ion:149 Resp: 472455

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 12.8 11.2 16.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 2276

Delta R.T. 0.000 min

Lab File: BF137151.D

Acq: 25 Jan 2024 17:03

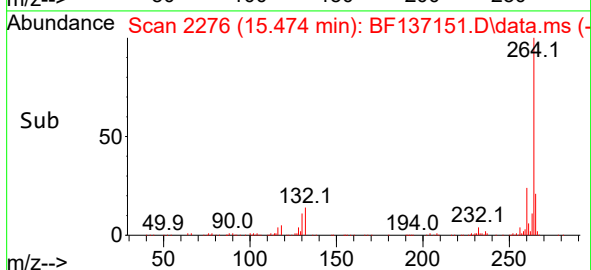
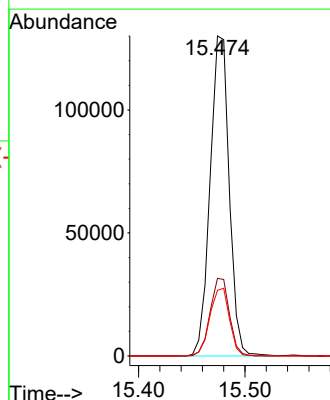
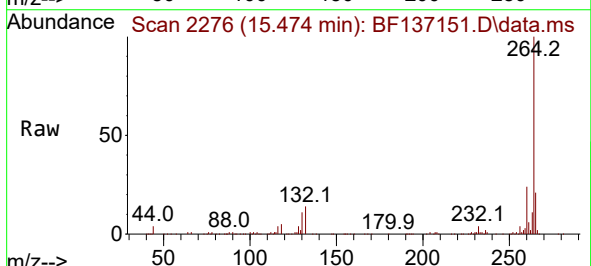
Tgt Ion:264 Resp: 162117

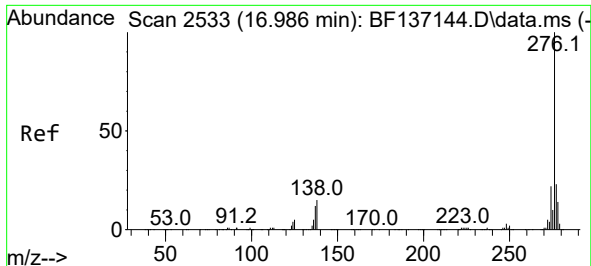
Ion Ratio Lower Upper

264 100

260 24.2 18.5 27.7

265 20.5 17.2 25.8

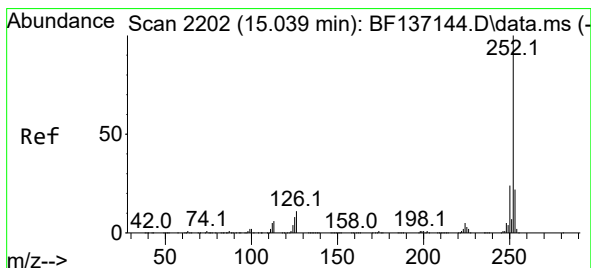
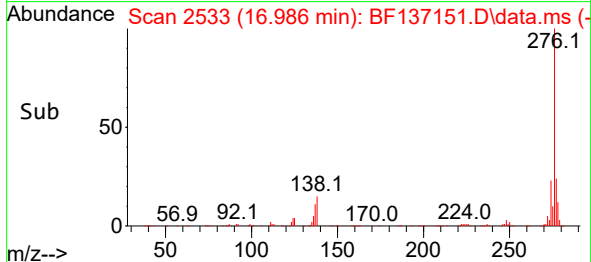
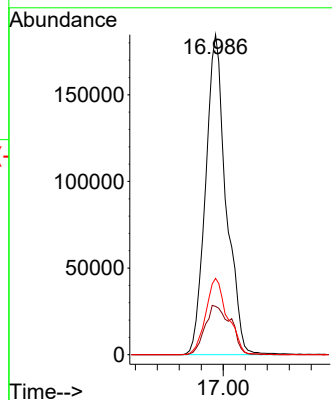
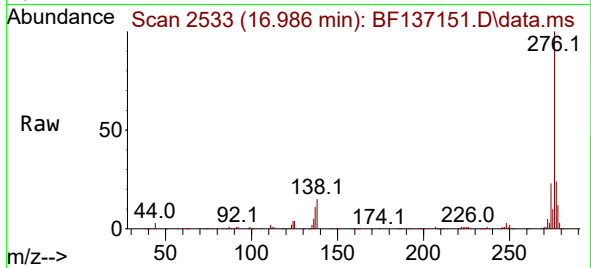




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.095 ng
 RT: 16.986 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF137151.D
 Acq: 25 Jan 2024 17:03

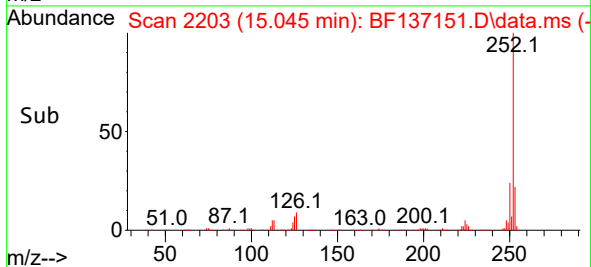
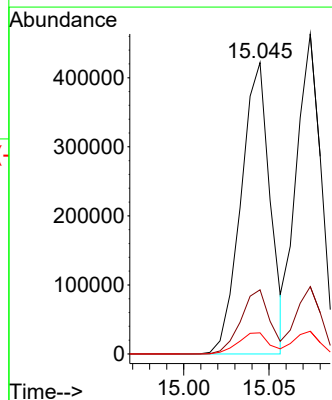
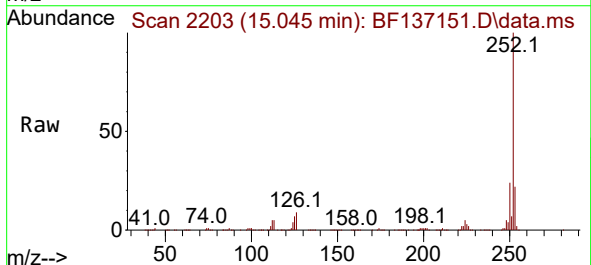
Instrument :
 BNA_F
 ClientSampleId :
 PB158626BS

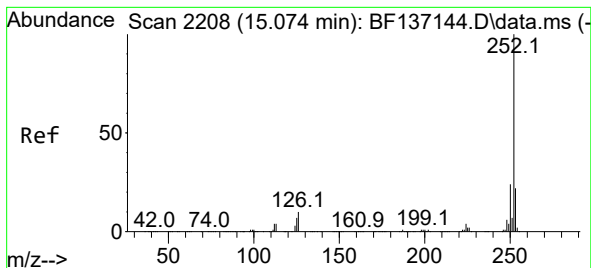
Tgt Ion:276 Resp: 479941
 Ion Ratio Lower Upper
 276 100
 138 19.2 15.4 23.2
 277 25.4 20.5 30.7



#88
 Benzo(b)fluoranthene
 Concen: 47.176 ng
 RT: 15.045 min Scan# 2203
 Delta R.T. 0.006 min
 Lab File: BF137151.D
 Acq: 25 Jan 2024 17:03

Tgt Ion:252 Resp: 501809
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.7 26.5
 125 7.3 6.4 9.6





#89

Benzo(k)fluoranthene

Concen: 45.308 ng

RT: 15.074 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF137151.D

Acq: 25 Jan 2024 17:03

Instrument :

BNA_F

ClientSampleId :

PB158626BS

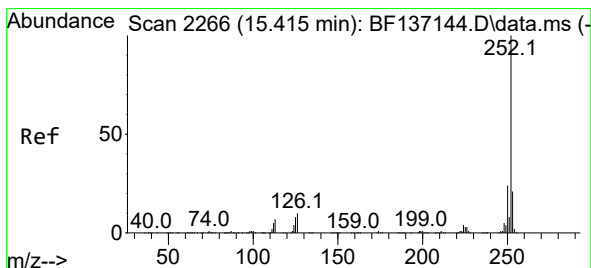
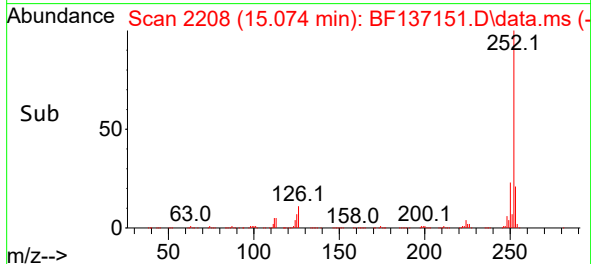
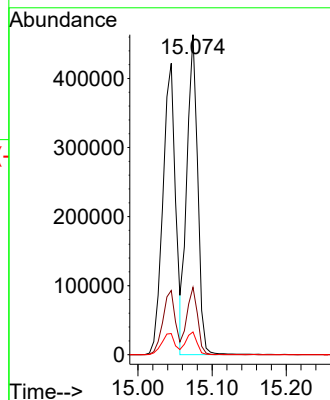
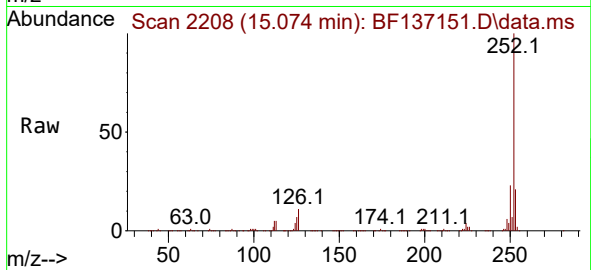
Tgt Ion:252 Resp: 470909

Ion Ratio Lower Upper

252 100

253 21.1 17.9 26.9

125 7.1 5.8 8.8



#90

Benzo(a)pyrene

Concen: 44.059 ng

RT: 15.415 min Scan# 2266

Delta R.T. 0.000 min

Lab File: BF137151.D

Acq: 25 Jan 2024 17:03

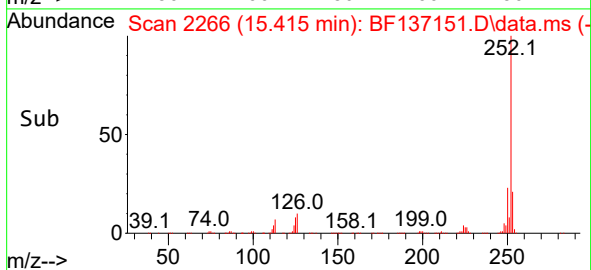
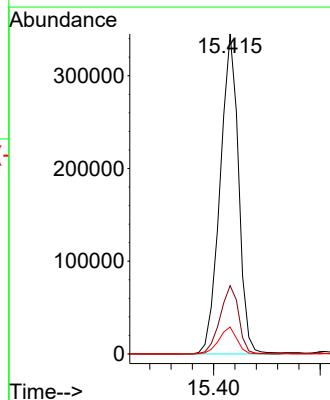
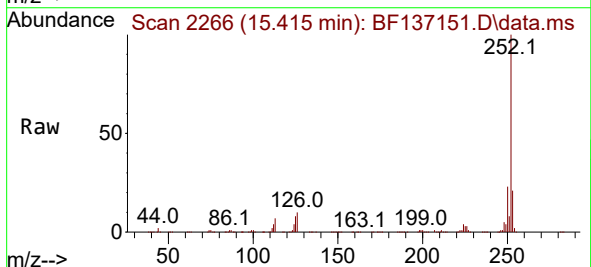
Tgt Ion:252 Resp: 414005

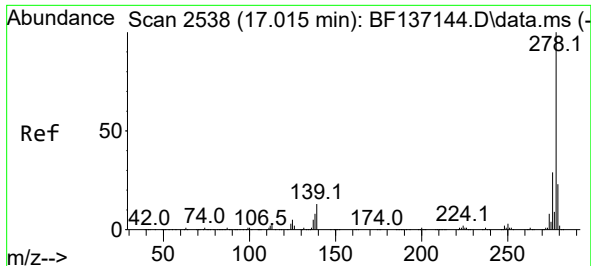
Ion Ratio Lower Upper

252 100

253 21.3 16.8 25.2

125 8.4 6.3 9.5

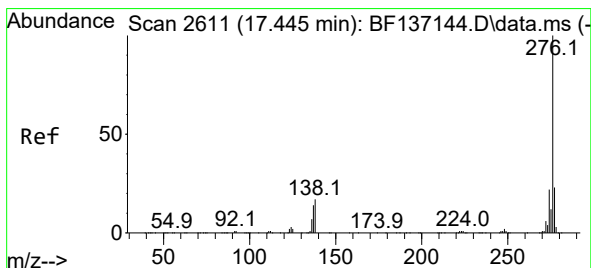
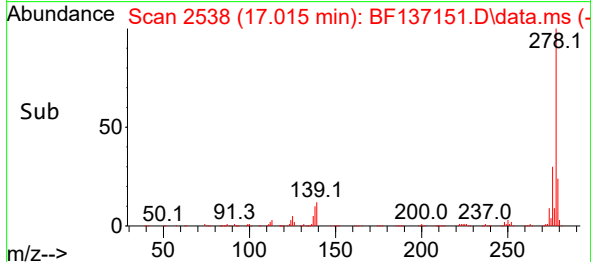
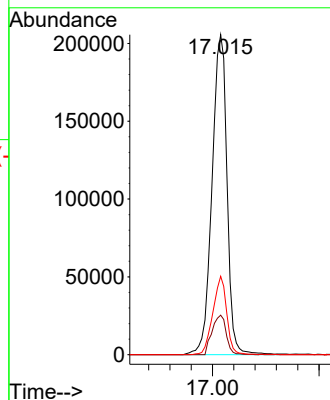
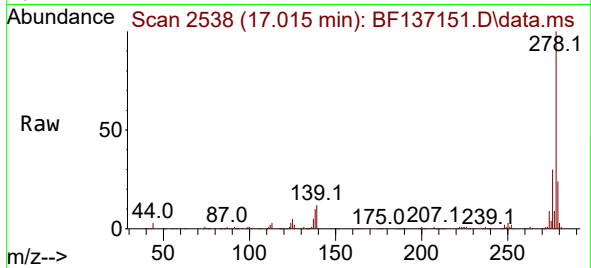




#91
Dibenzo(a,h)anthracene
Concen: 45.807 ng
RT: 17.015 min Scan# 2538
Delta R.T. 0.000 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

Instrument :
BNA_F
ClientSampleId :
PB158626BS

Tgt Ion:278 Resp: 401841
Ion Ratio Lower Upper
278 100
139 12.3 10.1 15.1
279 24.5 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 45.822 ng
RT: 17.445 min Scan# 2611
Delta R.T. 0.000 min
Lab File: BF137151.D
Acq: 25 Jan 2024 17:03

Tgt Ion:276 Resp: 387130
Ion Ratio Lower Upper
276 100
277 23.9 18.6 27.8
138 16.3 13.2 19.8

