

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011524\
 Data File : BF137072.D
 Acq On : 15 Jan 2024 19:36
 Operator : CG\JU
 Sample : P1140-03MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-309-37-39MSD

Quant Time: Jan 16 02:03:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	49621	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	172682	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	79650	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	145633	20.000	ng	0.00
76) Chrysene-d12	13.974	240	133901	20.000	ng	0.00
86) Perylene-d12	15.463	264	135390	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	259182	81.497	ng	0.00
7) Phenol-d6	6.440	99	318087	77.190	ng	0.00
23) Nitrobenzene-d5	7.345	82	187885	55.676	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	77827	82.966	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	367247	62.014	ng	-0.01
79) Terphenyl-d14	12.904	244	439314	45.849	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.599	88	54309	40.985	ng	98
3) Pyridine	3.363	79	124492	38.506	ng	96
4) n-Nitrosodimethylamine	3.334	42	66409	38.464	ng	100
6) Aniline	6.451	93	88929	21.585	ng	# 1
8) 2-Chlorophenol	6.575	128	134794	38.731	ng	98
9) Benzaldehyde	6.340	77	19507	8.322	ng	96
10) Phenol	6.451	94	163096	37.076	ng	97
11) bis(2-Chloroethyl)ether	6.522	93	130288	38.945	ng	97
12) 1,3-Dichlorobenzene	6.728	146	150839	39.730	ng	94
13) 1,4-Dichlorobenzene	6.804	146	153898	39.672	ng	97
14) 1,2-Dichlorobenzene	6.951	146	142734	39.542	ng	97
15) Benzyl Alcohol	6.934	79	109382	39.345	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	203191	37.150	ng	67
17) 2-Methylphenol	7.051	107	104080	36.099	ng	95
18) Hexachloroethane	7.287	117	53727	38.136	ng	98
19) n-Nitroso-di-n-propyla...	7.198	70	94060	37.654	ng	96
20) 3+4-Methylphenols	7.204	107	137488	38.170	ng	# 56
22) Acetophenone	7.193	105	191623	44.273	ng	# 87
24) Nitrobenzene	7.369	77	133841	39.592	ng	96
25) Isophorone	7.604	82	245296	39.948	ng	100
26) 2-Nitrophenol	7.681	139	69174	42.770	ng	96
27) 2,4-Dimethylphenol	7.722	122	101264	51.428	ng	99
28) bis(2-Chloroethoxy)met...	7.810	93	155475	41.655	ng	100
29) 2,4-Dichlorophenol	7.928	162	102309	40.359	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	118630	42.001	ng	98
31) Naphthalene	8.081	128	387071	40.802	ng	99
32) Benzoic acid	7.857	122	66417	34.861	ng	99
33) 4-Chloroaniline	8.140	127	29076	8.301	ng	98
34) Hexachlorobutadiene	8.192	225	68875	40.136	ng	98
35) Caprolactam	8.510	113	29542	35.326	ng	90
36) 4-Chloro-3-methylphenol	8.634	107	107232	37.575	ng	97
37) 2-Methylnaphthalene	8.775	142	237364	38.878	ng	100
38) 1-Methylnaphthalene	8.875	142	228807	38.199	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	117297	47.552	ng	99
41) Hexachlorocyclopentadiene	8.922	237	32981	44.265	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	69367	43.849	ng	98

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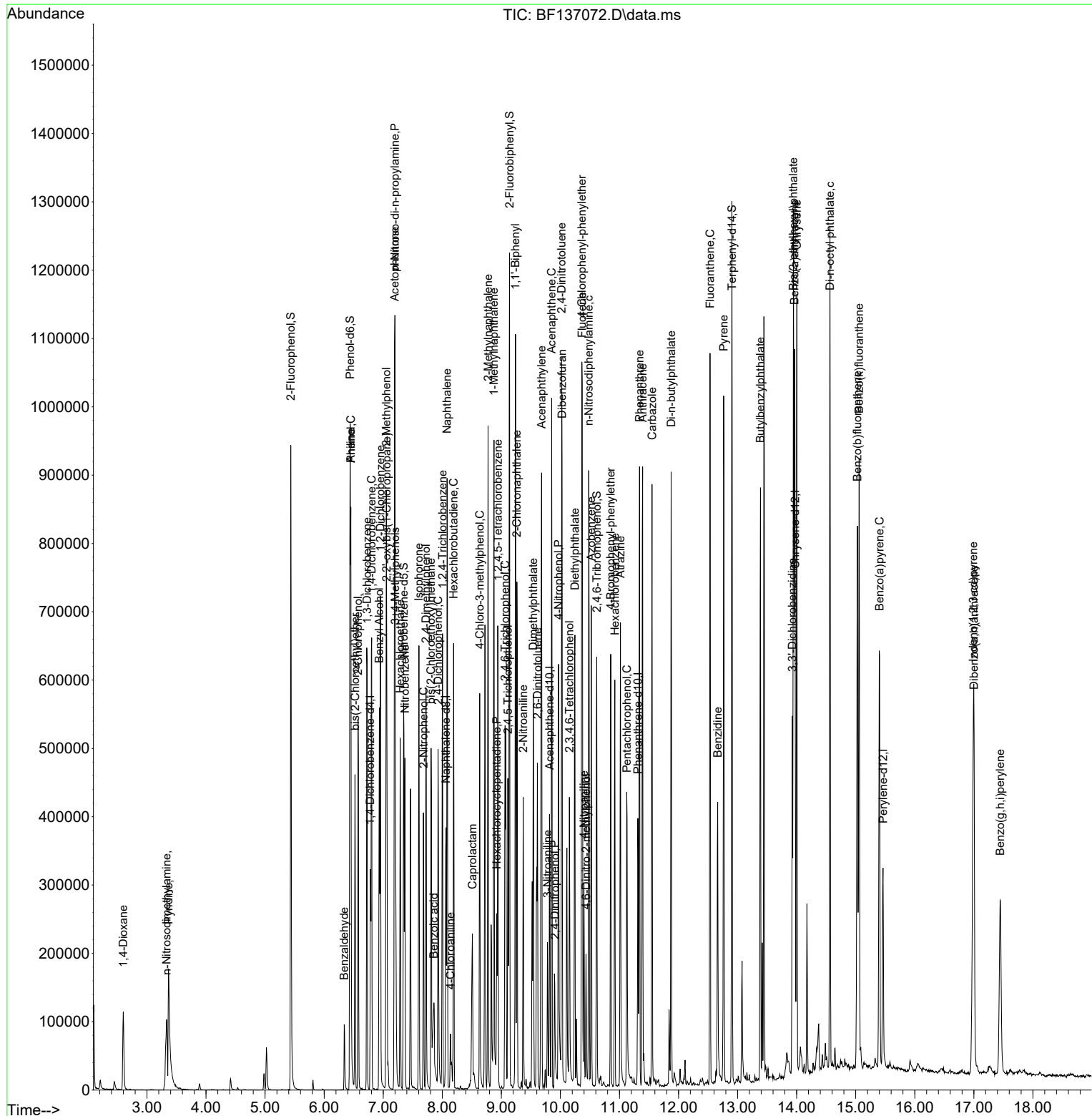
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	71216	40.398	ng	98
46) 1,1'-Biphenyl	9.239	154	303415	45.395	ng	99
47) 2-Chloronaphthalene	9.263	162	216384	42.586	ng	99
48) 2-Nitroaniline	9.369	65	63337	39.806	ng	95
49) Acenaphthylene	9.681	152	360121	46.368	ng	99
50) Dimethylphthalate	9.539	163	245803	42.250	ng	99
51) 2,6-Dinitrotoluene	9.610	165	53049	40.178	ng	92
52) Acenaphthene	9.851	154	200437	41.634	ng	98
53) 3-Nitroaniline	9.781	138	31667	22.641	ng	98
54) 2,4-Dinitrophenol	9.904	184	30266	43.164	ng	95
55) Dibenzofuran	10.028	168	303816	41.631	ng	97
56) 4-Nitrophenol	9.969	139	56080	59.395	ng	96
57) 2,4-Dinitrotoluene	10.022	165	66025	38.519	ng	# 95
58) Fluorene	10.369	166	243254	42.009	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.151	232	55796	41.117	ng	97
60) Diethylphthalate	10.245	149	249937	41.405	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	119987	42.630	ng	94
62) 4-Nitroaniline	10.398	138	46390	34.405	ng	92
63) Azobenzene	10.522	77	224356	39.794	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	24884	29.815	ng	95
66) n-Nitrosodiphenylamine	10.481	169	211963	44.805	ng	100
67) 4-Bromophenyl-phenylether	10.851	248	69762	43.133	ng	98
68) Hexachlorobenzene	10.922	284	76133	42.240	ng	99
69) Atrazine	11.016	200	67710	55.958	ng	98
70) Pentachlorophenol	11.128	266	60452	71.956	ng	98
71) Phenanthrene	11.339	178	336912	45.087	ng	99
72) Anthracene	11.392	178	346189	45.746	ng	99
73) Carbazole	11.551	167	322721	45.231	ng	100
74) Di-n-butylphthalate	11.875	149	431348	49.544	ng	100
75) Fluoranthene	12.533	202	406243	50.825	ng	96
77) Benzidine	12.663	184	181672	46.014	ng	98
78) Pyrene	12.763	202	425807	32.394	ng	100
80) Butylbenzylphthalate	13.386	149	199516	41.714	ng	98
81) Benzo(a)anthracene	13.963	228	422925	45.486	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	112929	42.767	ng	95
83) Chrysene	14.004	228	390358	42.932	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	310711	51.632	ng	97
85) Di-n-octyl phthalate	14.563	149	556606	59.794	ng	97
87) Indeno(1,2,3-cd)pyrene	16.992	276	313059	32.025	ng	99
88) Benzo(b)fluoranthene	15.027	252	390853	43.223	ng	100
89) Benzo(k)fluoranthene	15.057	252	372859	43.637	ng	99
90) Benzo(a)pyrene	15.404	252	323012	42.317	ng	99
91) Dibenzo(a,h)anthracene	17.004	278	265408	33.095	ng	97
92) Benzo(g,h,i)perylene	17.445	276	234264	28.521	ng	99

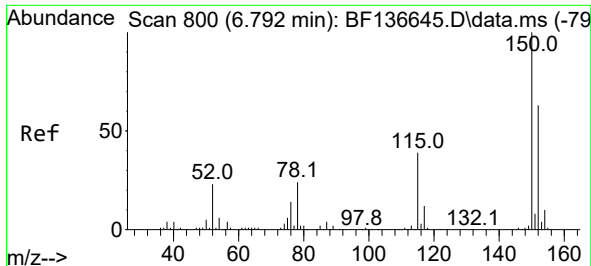
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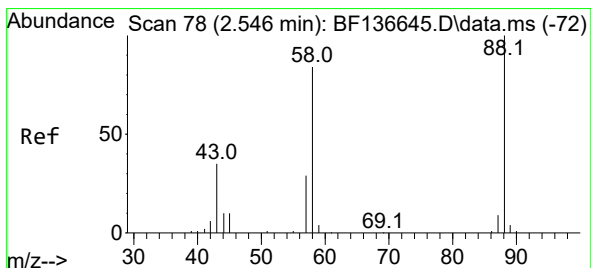
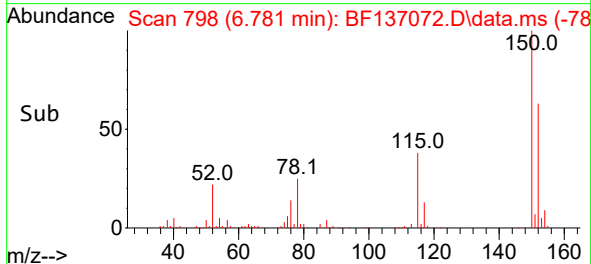
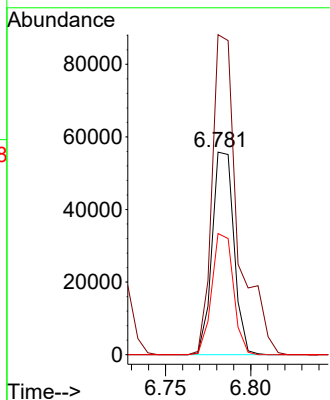
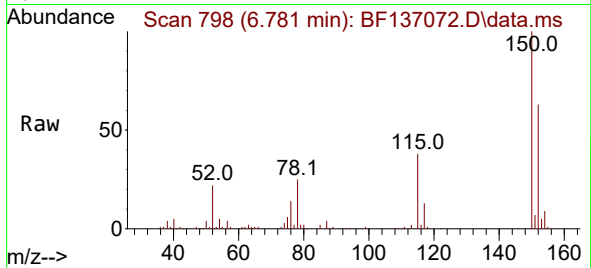




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF137072.D
 Acq: 15 Jan 2024 19:36

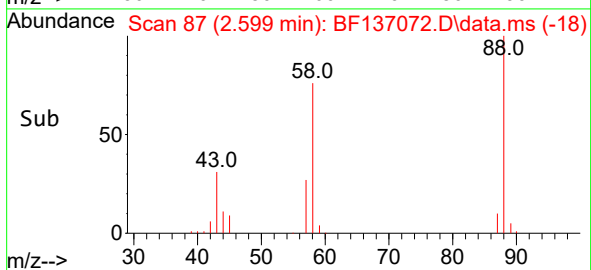
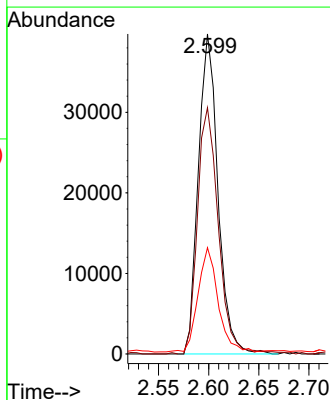
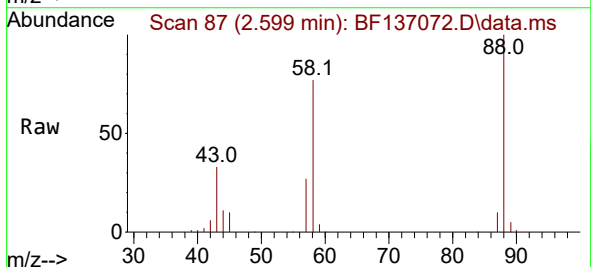
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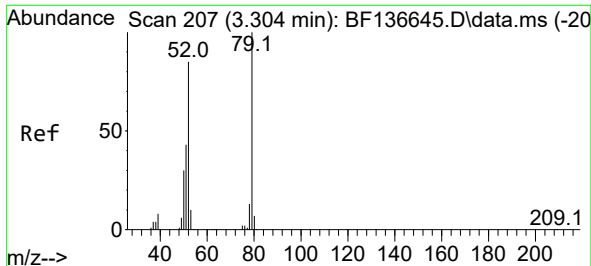
Tgt Ion:152 Resp: 49621
 Ion Ratio Lower Upper
 152 100
 150 158.0 127.0 190.6
 115 59.9 49.0 73.4



#2
 1,4-Dioxane
 Concen: 40.985 ng
 RT: 2.599 min Scan# 87
 Delta R.T. 0.053 min
 Lab File: BF137072.D
 Acq: 15 Jan 2024 19:36

Tgt Ion: 88 Resp: 54309
 Ion Ratio Lower Upper
 88 100
 58 82.1 67.4 101.0
 43 33.0 27.7 41.5

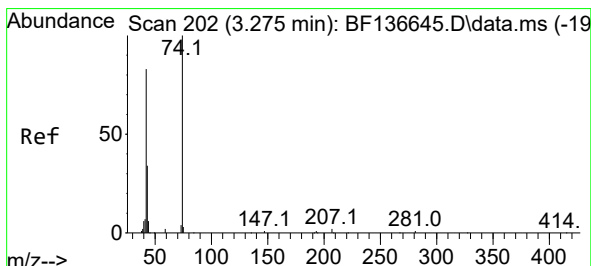
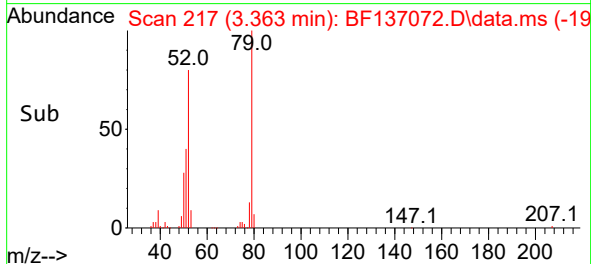
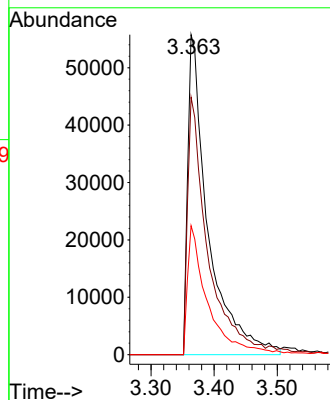
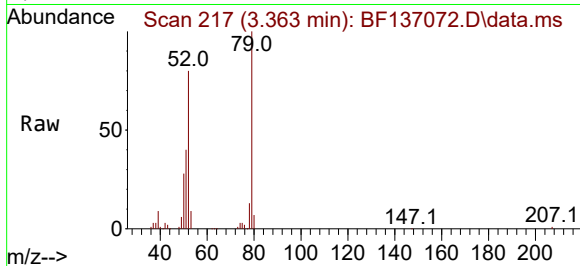




#3
Pyridine
Concen: 38.506 ng
RT: 3.363 min Scan# 211
Delta R.T. 0.059 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

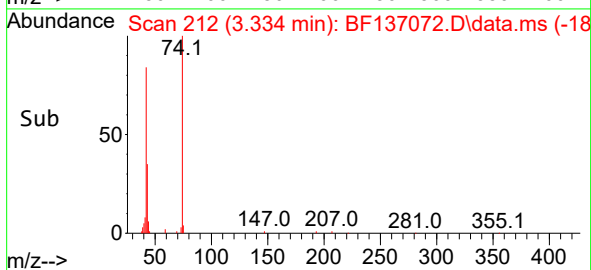
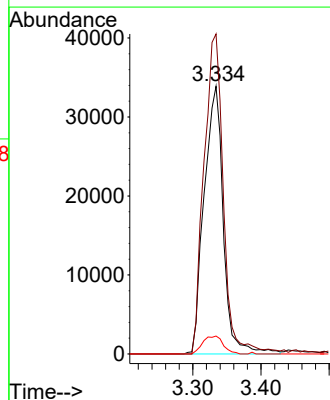
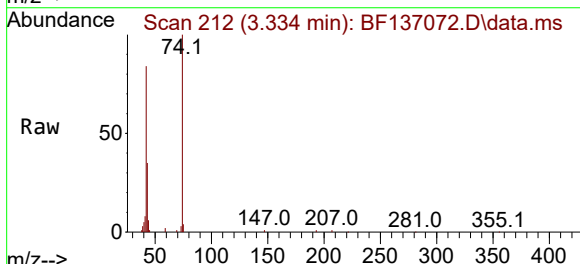
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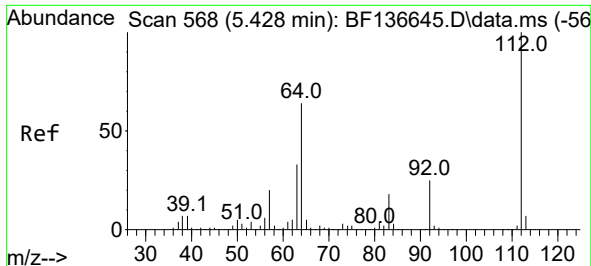
Tgt Ion: 79 Resp: 124492
Ion Ratio Lower Upper
79 100
52 80.4 67.7 101.5
51 40.3 34.0 51.0



#4
n-Nitrosodimethylamine
Concen: 38.464 ng
RT: 3.334 min Scan# 212
Delta R.T. 0.059 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Tgt Ion: 42 Resp: 66409
Ion Ratio Lower Upper
42 100
74 119.5 96.0 144.0
44 6.7 5.4 8.2

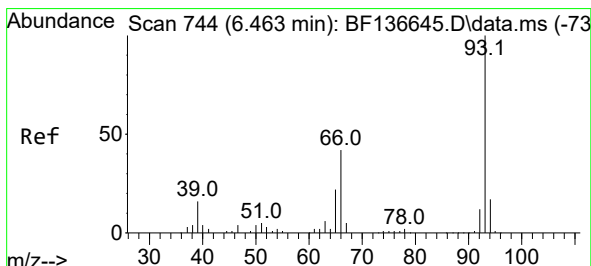
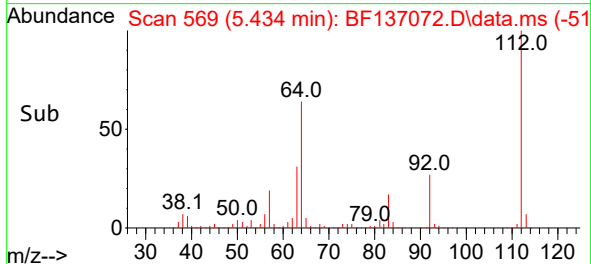
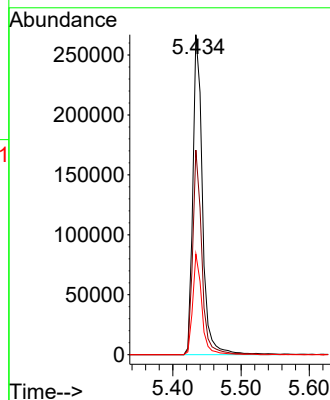
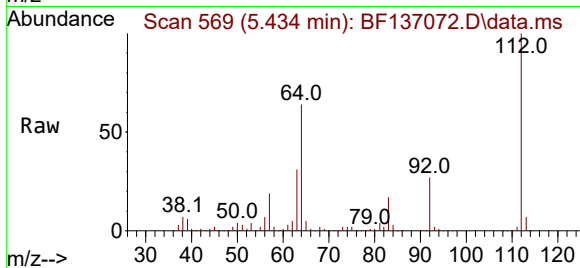




#5
2-Fluorophenol
Concen: 81.497 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

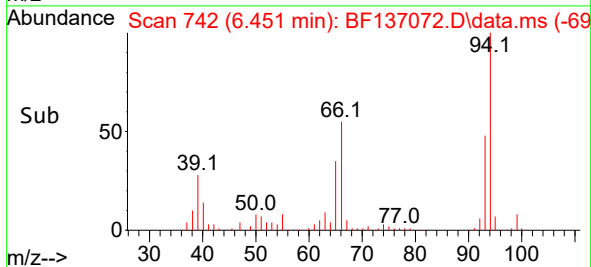
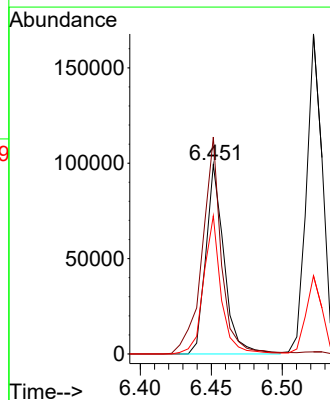
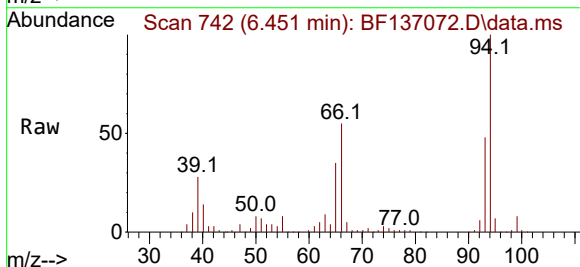
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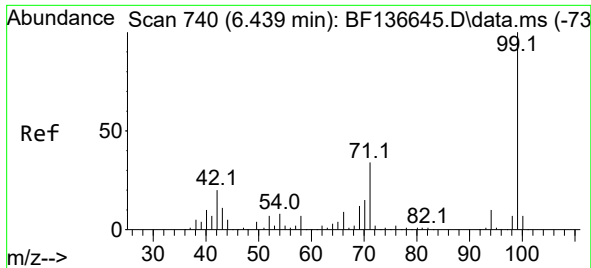
Tgt Ion:112 Resp: 259182
Ion Ratio Lower Upper
112 100
64 63.9 51.1 76.7
63 31.4 26.1 39.1



#6
Aniline
Concen: 21.585 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Tgt Ion: 93 Resp: 88929
Ion Ratio Lower Upper
93 100
66 114.5 34.6 51.8#
65 72.9 17.8 26.8#

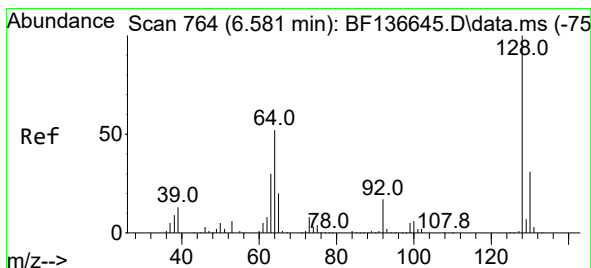
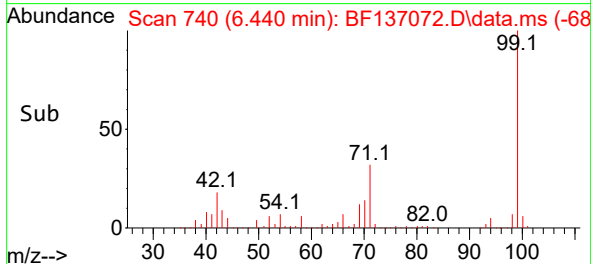
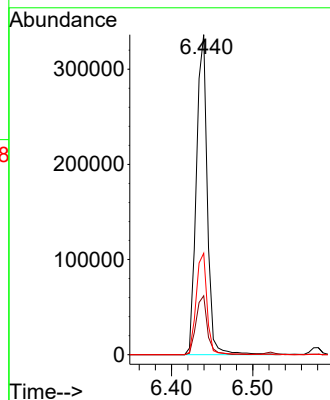
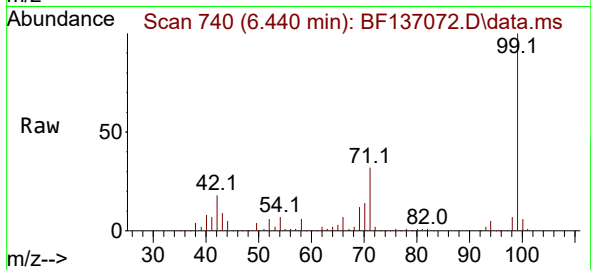




#7
Phenol-d6
Concen: 77.190 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

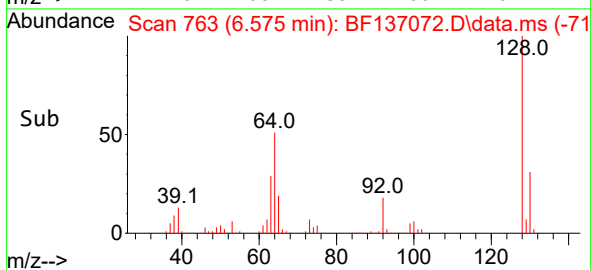
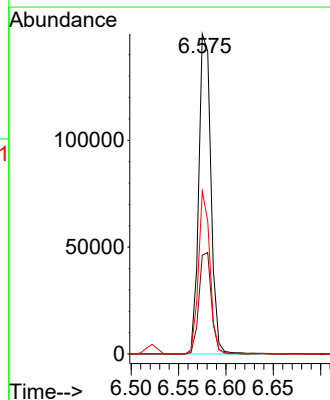
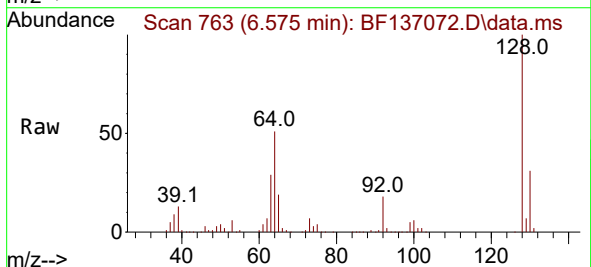
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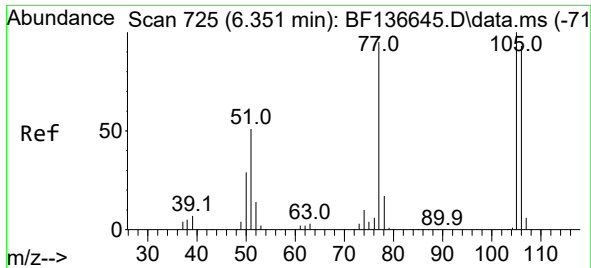
Tgt Ion: 99 Resp: 318087
Ion Ratio Lower Upper
99 100
42 18.4 16.1 24.1
71 31.7 27.4 41.2



#8
2-Chlorophenol
Concen: 38.731 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Tgt Ion: 128 Resp: 134794
Ion Ratio Lower Upper
128 100
130 30.9 11.3 51.3
64 50.8 32.5 72.5

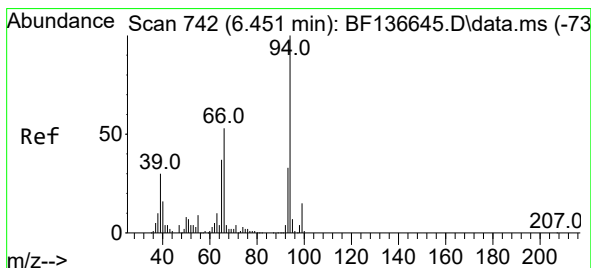
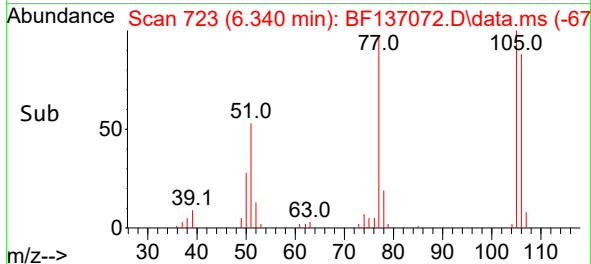
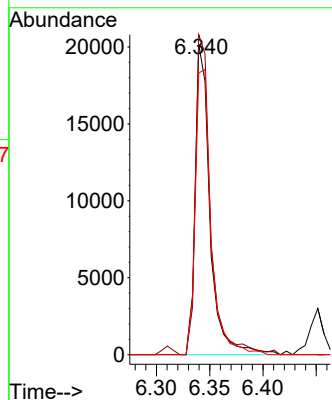
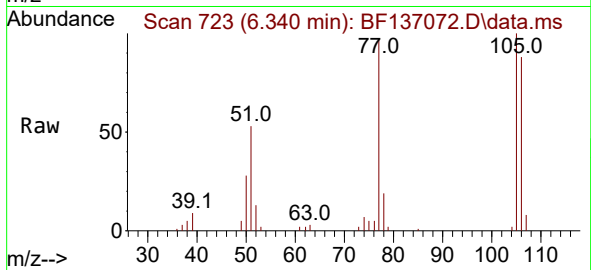




#9
Benzaldehyde
Concen: 8.322 ng
RT: 6.340 min Scan# 71
Delta R.T. -0.012 min
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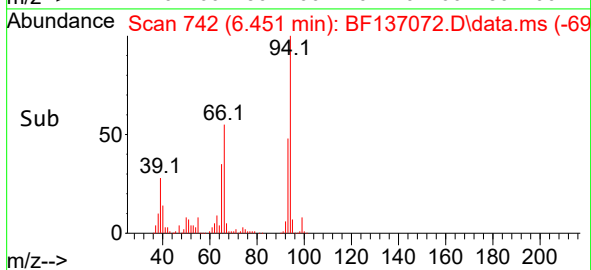
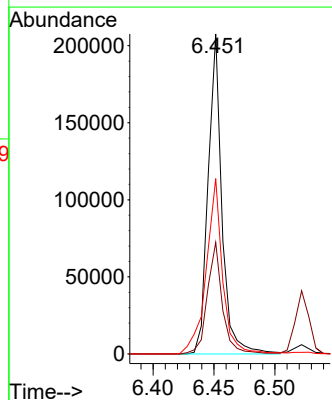
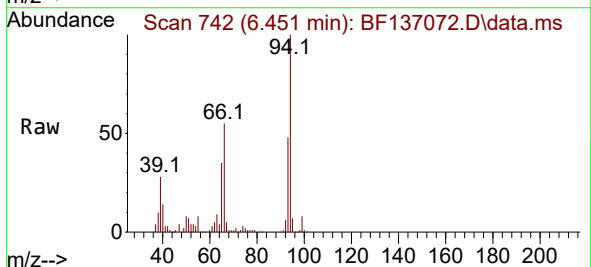
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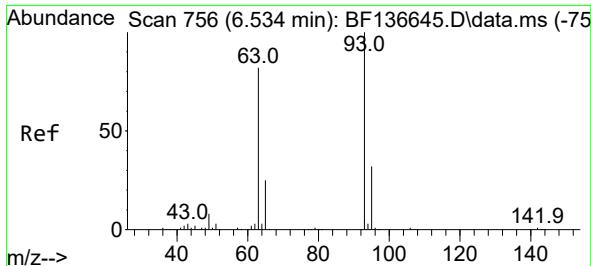
Tgt Ion: 77 Resp: 19507
Ion Ratio Lower Upper
77 100
105 103.2 84.8 124.8
106 90.8 77.8 117.8



#10
Phenol
Concen: 37.076 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Tgt Ion: 94 Resp: 163096
Ion Ratio Lower Upper
94 100
65 34.9 16.6 56.6
66 54.8 32.6 72.6





#11

bis(2-Chloroethyl)ether

Concen: 38.945 ng

RT: 6.522 min Scan# 754

Delta R.T. -0.012 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

MR-309-37-39MSD

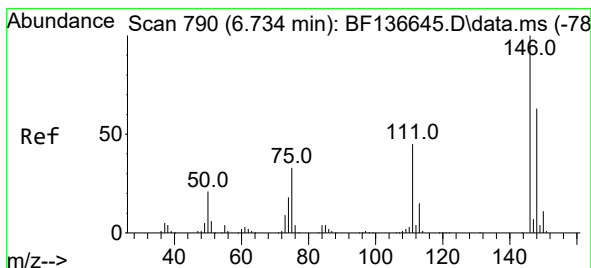
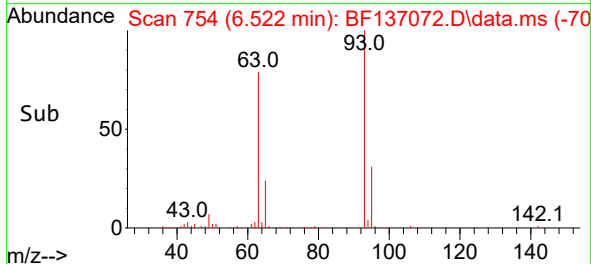
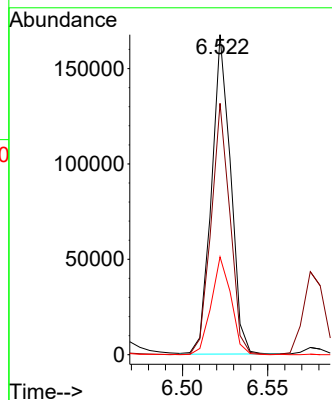
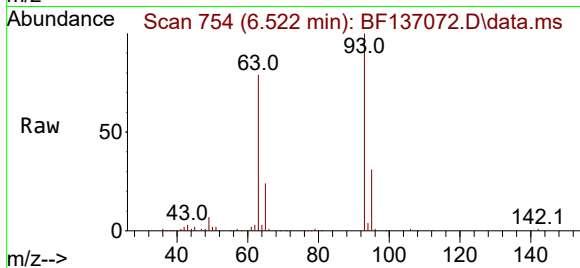
Tgt Ion: 93 Resp: 130288

Ion Ratio Lower Upper

93 100

63 78.6 61.2 101.2

95 30.5 11.6 51.6



#12

1,3-Dichlorobenzene

Concen: 39.730 ng

RT: 6.728 min Scan# 789

Delta R.T. -0.006 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

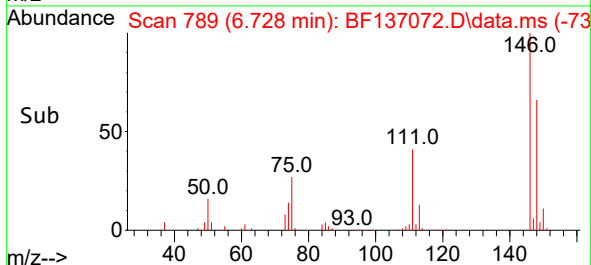
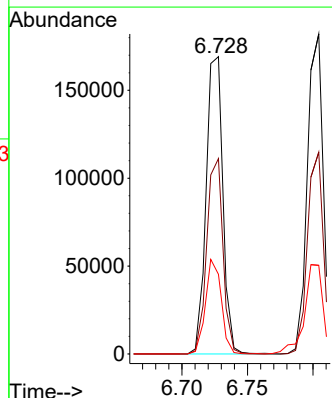
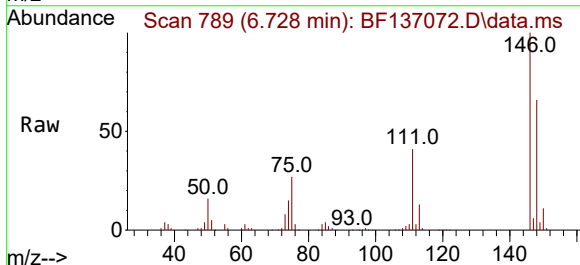
Tgt Ion:146 Resp: 150839

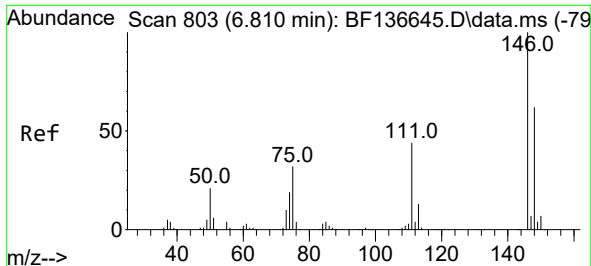
Ion Ratio Lower Upper

146 100

148 65.7 50.5 75.7

75 26.8 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 39.672 ng

RT: 6.804 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

MR-309-37-39MSD

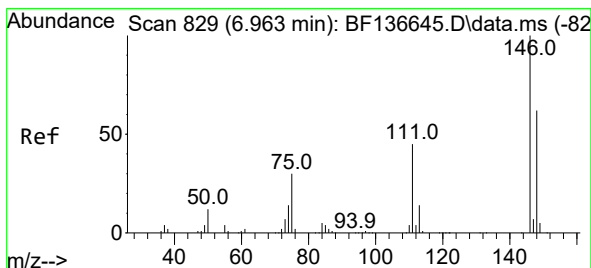
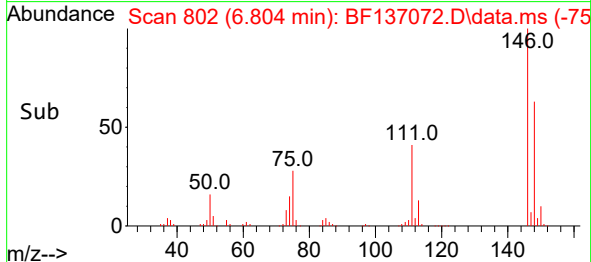
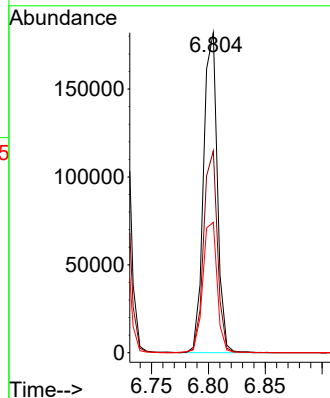
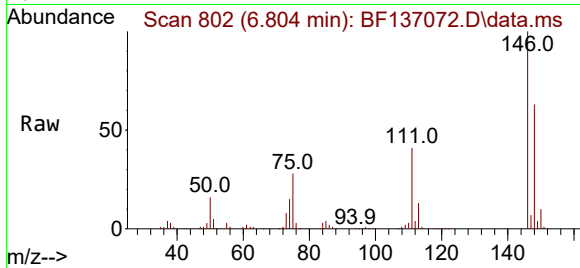
Tgt Ion:146 Resp: 153898

Ion Ratio Lower Upper

146 100

148 63.1 49.2 73.8

111 40.8 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 39.542 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

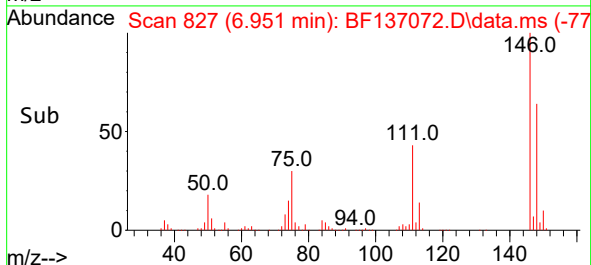
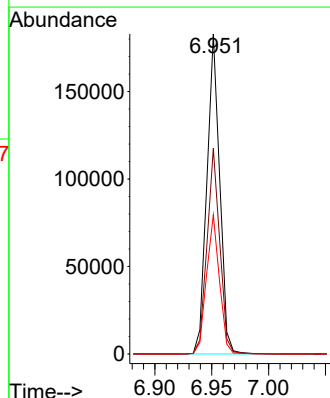
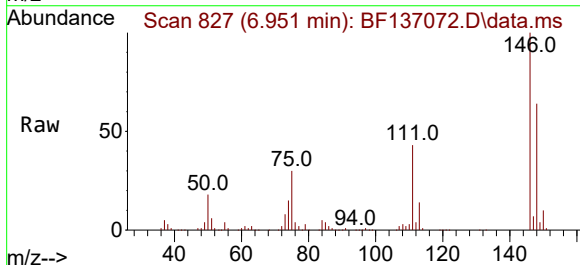
Tgt Ion:146 Resp: 142734

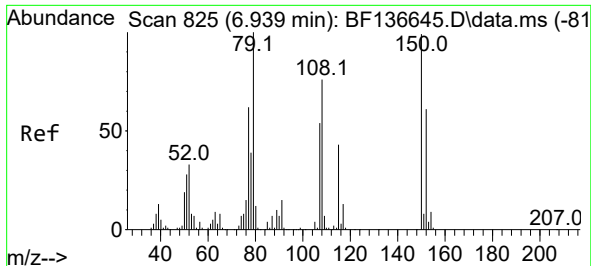
Ion Ratio Lower Upper

146 100

148 64.2 49.6 74.4

111 43.5 36.2 54.2

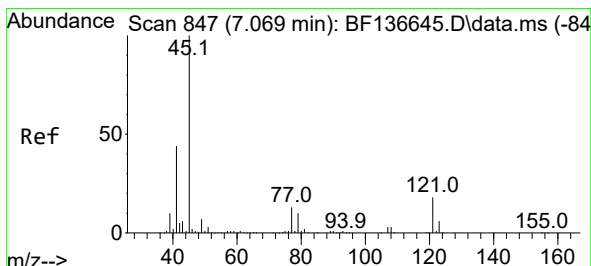
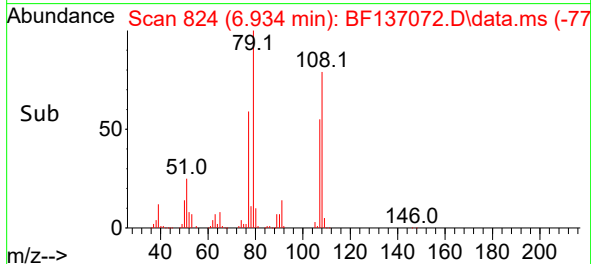
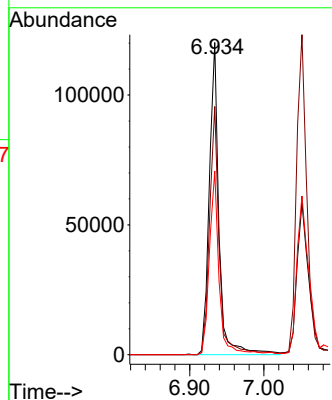
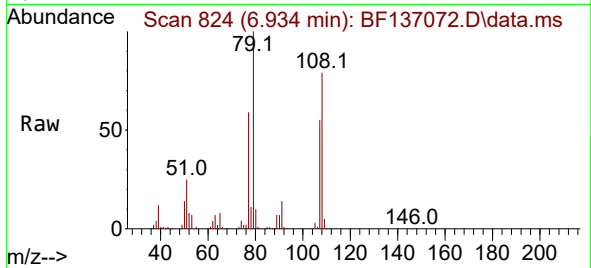




#15
Benzyl Alcohol
Concen: 39.345 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

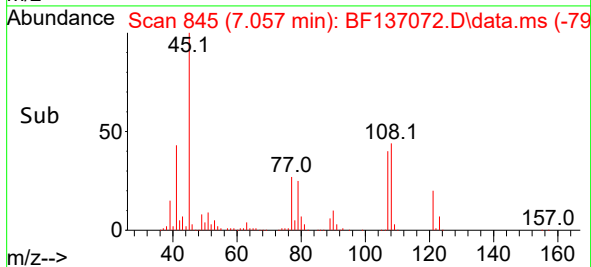
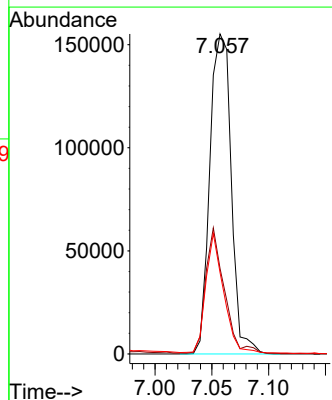
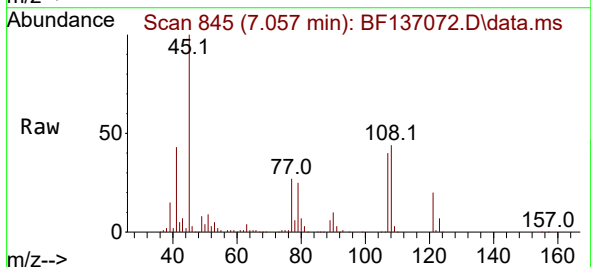
Instrument :
BNA_F
ClientSampleId :
MR-309-37-39MSD

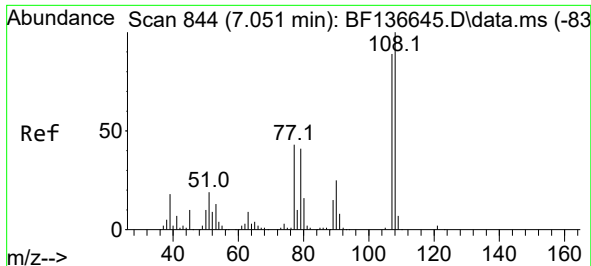
Tgt Ion: 79 Resp: 109382
Ion Ratio Lower Upper
79 100
108 79.5 61.0 91.6
77 58.9 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.150 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Tgt Ion: 45 Resp: 203191
Ion Ratio Lower Upper
45 100
77 26.7 0.0 34.3
79 25.5 0.0 31.4

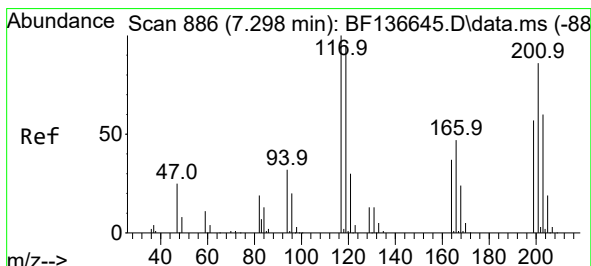
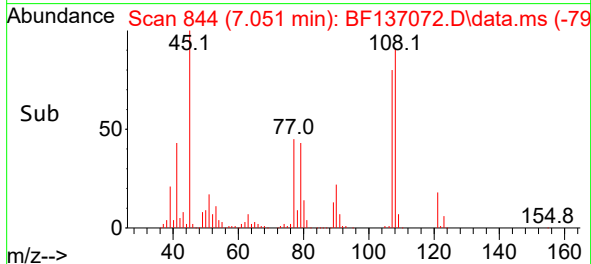
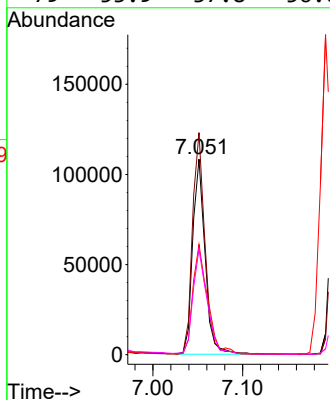
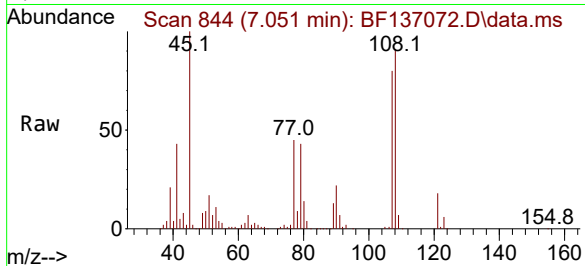




#17
2-Methylphenol
Concen: 36.099 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

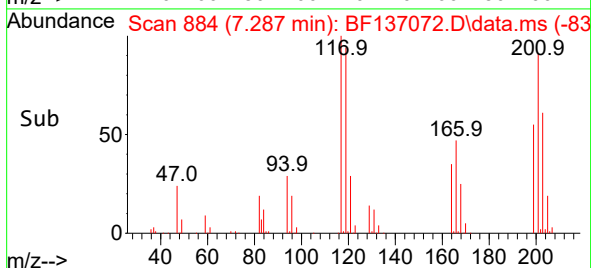
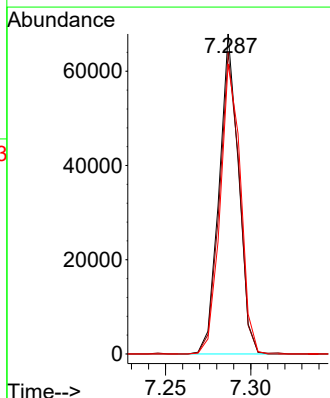
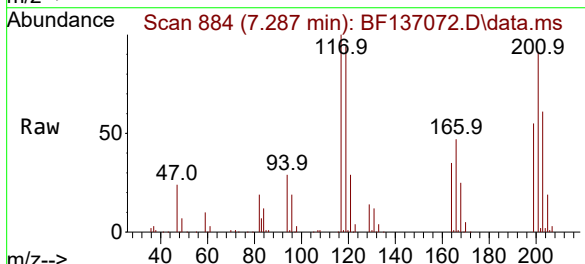
Instrument :
BNA_F
ClientSampleId :
MR-309-37-39MSD

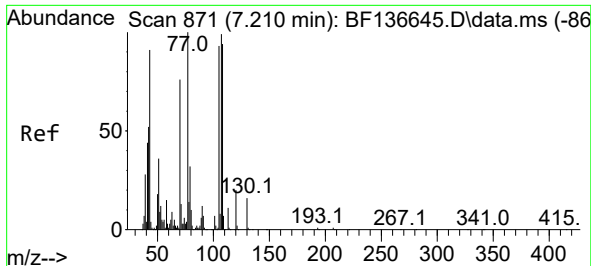
Tgt Ion:	107	Resp:	104080
Ion	Ratio	Lower	Upper
107	100		
108	113.6	90.3	135.5
77	56.4	38.7	58.1
79	53.9	37.8	56.6



#18
Hexachloroethane
Concen: 38.136 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Tgt Ion:	117	Resp:	53727
Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.8	113.6
201	90.7	69.1	103.7

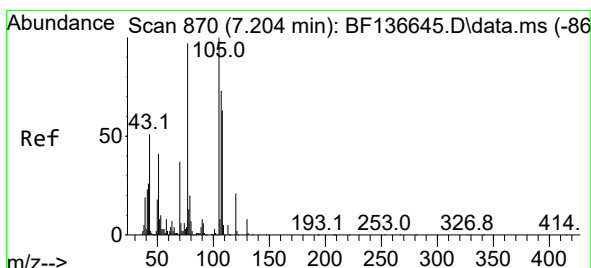
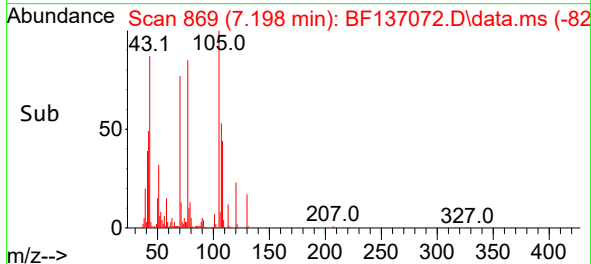
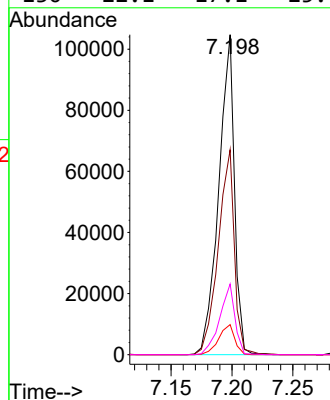
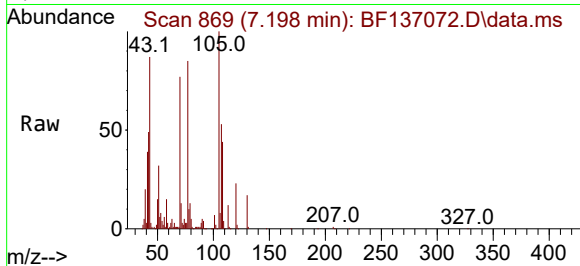




#19
n-Nitroso-di-n-propylamine
Concen: 37.654 ng
RT: 7.198 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

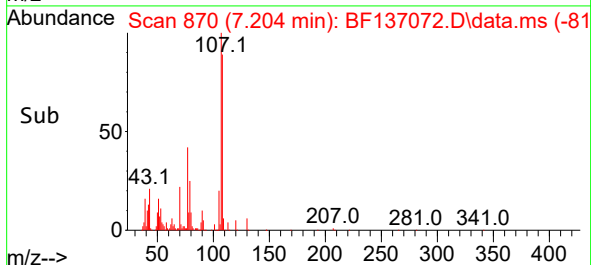
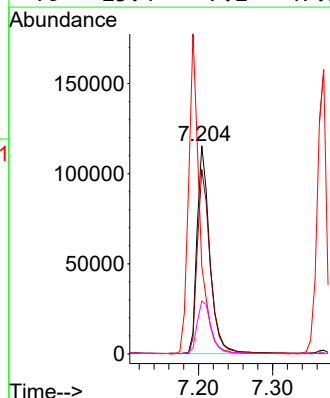
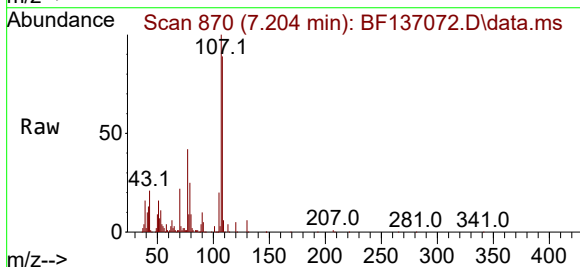
Instrument :
BNA_F
ClientSampleId :
MR-309-37-39MSD

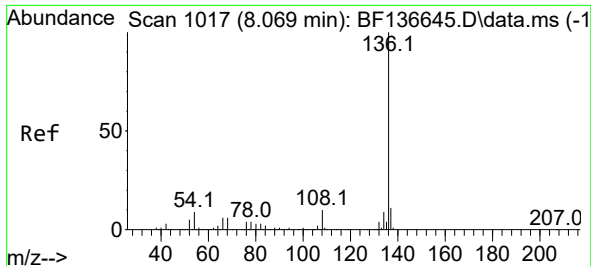
Tgt Ion: 70 Resp: 94060
Ion Ratio Lower Upper
70 100
42 64.0 54.2 81.4
101 9.4 7.6 11.4
130 22.1 17.1 25.7



#20
3+4-Methylphenols
Concen: 38.170 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Tgt Ion: 107 Resp: 137488
Ion Ratio Lower Upper
107 100
108 88.6 66.0 106.0
77 41.9 114.2 154.2#
79 25.4 7.2 47.2

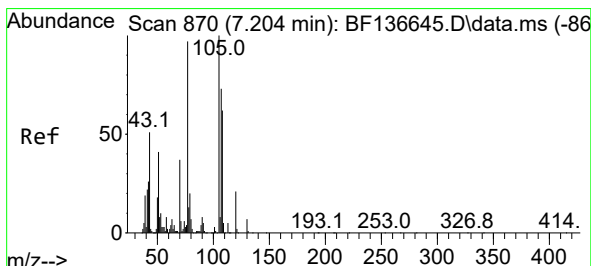
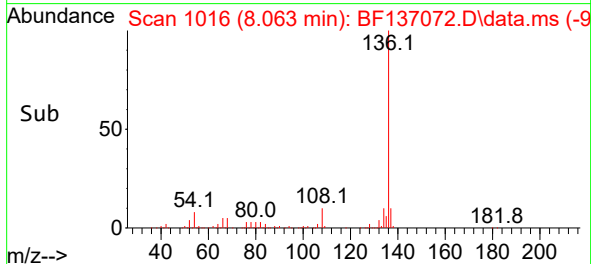
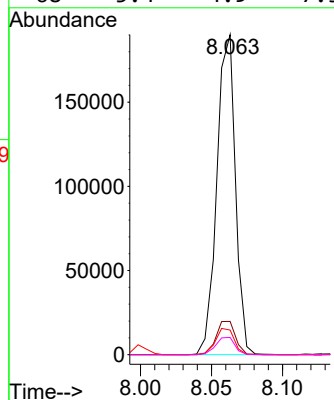
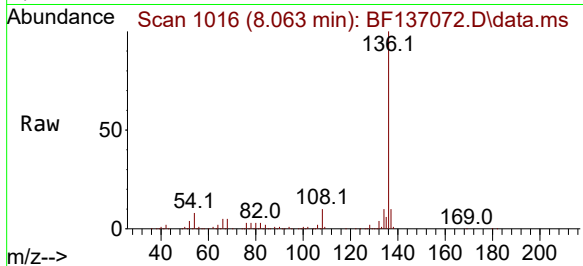




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

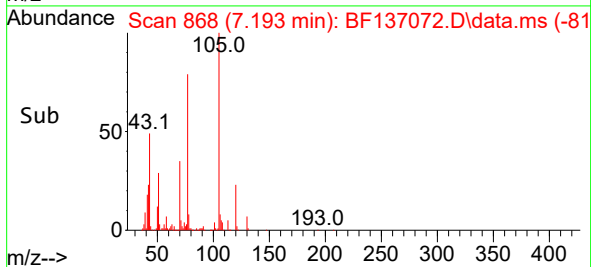
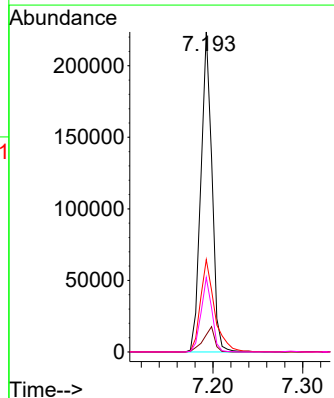
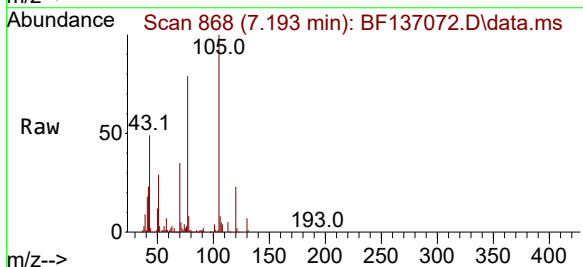
Instrument :
BNA_F
ClientSampleId :
MR-309-37-39MSD

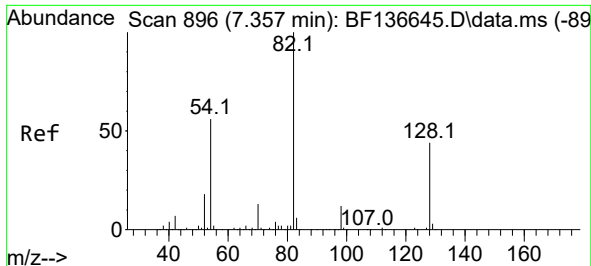
Tgt Ion:136	Resp: 172682
Ion Ratio	Lower Upper
136 100	
137 10.4	9.0 13.4
54 7.7	7.2 10.8
68 5.4	4.9 7.3



#22
Acetophenone
Concen: 44.273 ng
RT: 7.193 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Tgt	Ion:105	Resp:	191623
Ion	Ratio	Lower	Upper
105	100		
71	5.3	4.8	7.2
51	28.8	32.8	49.2#
120	23.3	17.0	25.6





#23

Nitrobenzene-d5

Concen: 55.676 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

MR-309-37-39MSD

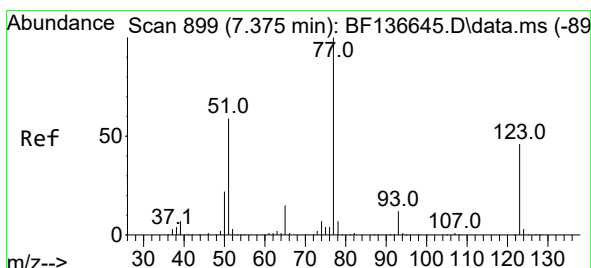
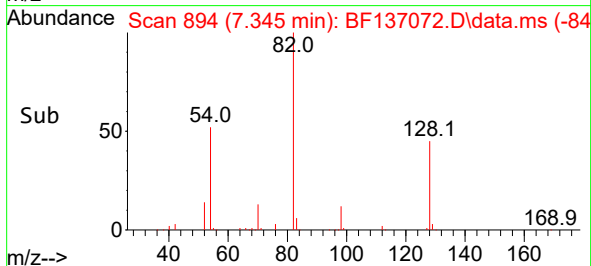
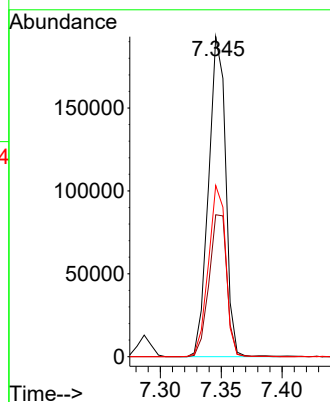
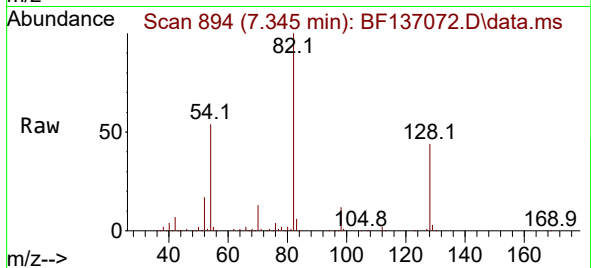
Tgt Ion: 82 Resp: 187885

Ion Ratio Lower Upper

82 100

128 44.4 35.3 52.9

54 53.5 44.5 66.7



#24

Nitrobenzene

Concen: 39.592 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

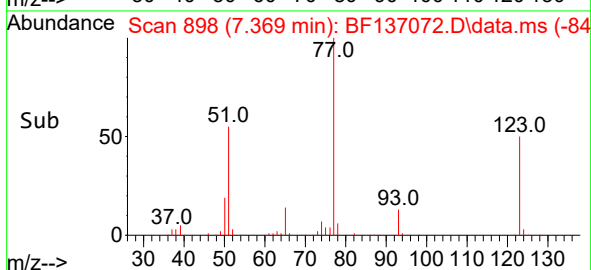
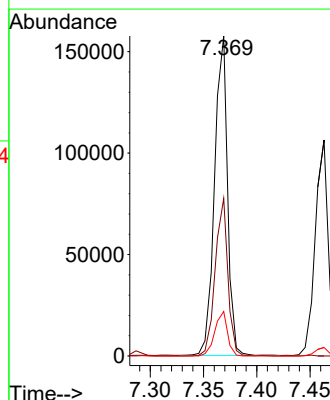
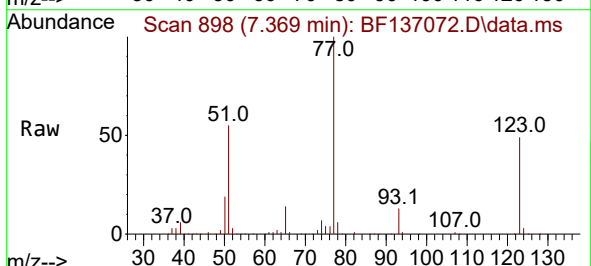
Tgt Ion: 77 Resp: 133841

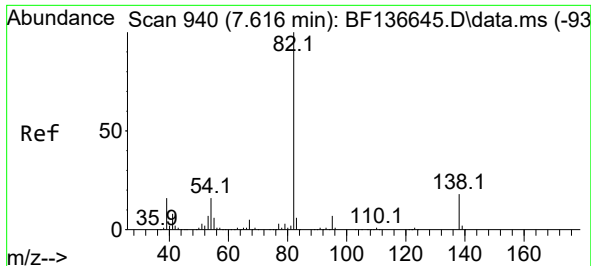
Ion Ratio Lower Upper

77 100

123 49.3 36.7 55.1

65 13.9 11.8 17.6

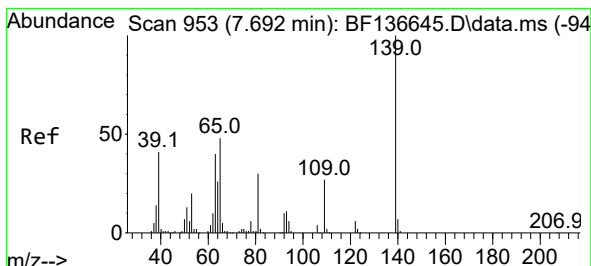
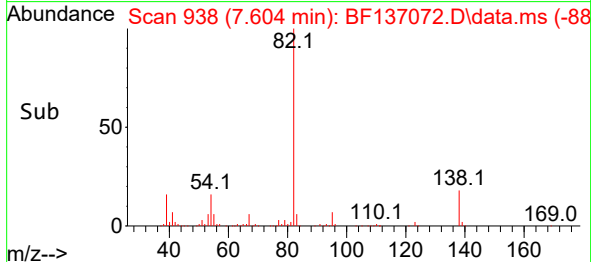
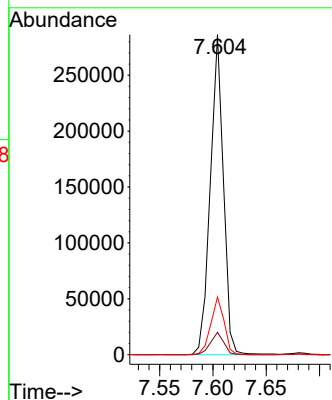
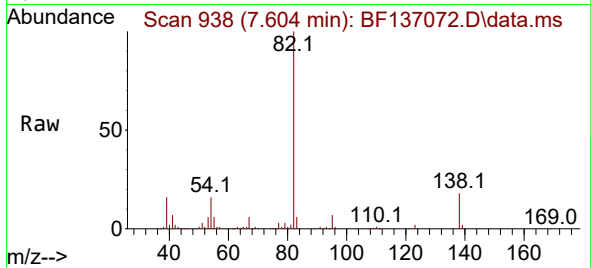




#25
Isophorone
Concen: 39.948 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

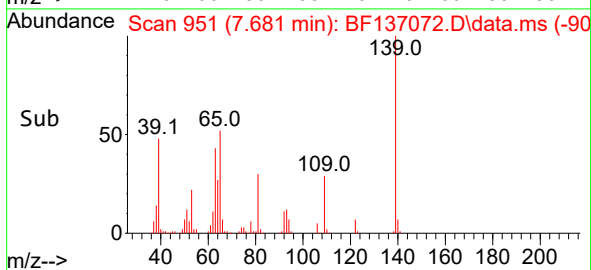
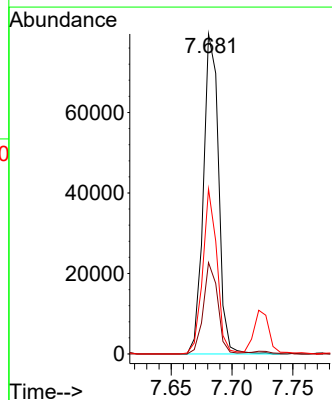
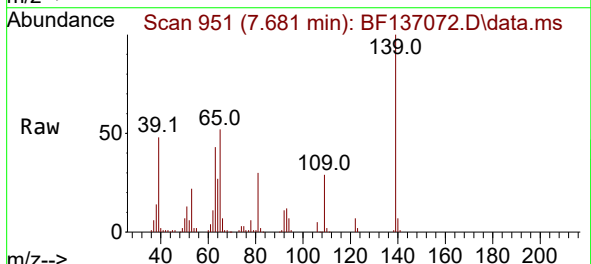
Instrument :
BNA_F
ClientSampleId :
MR-309-37-39MSD

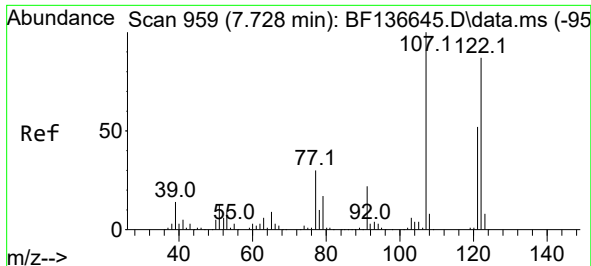
Tgt Ion: 82 Resp: 245296
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 18.0 14.5 21.7



#26
2-Nitrophenol
Concen: 42.770 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Tgt Ion:139 Resp: 69174
Ion Ratio Lower Upper
139 100
109 28.6 21.9 32.9
65 51.6 38.6 58.0

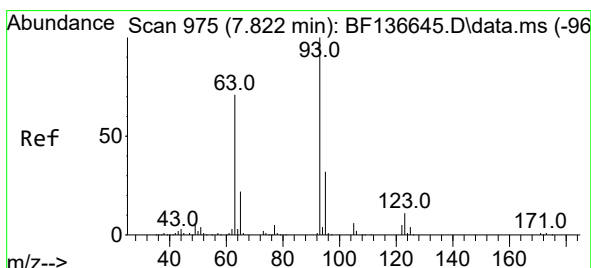
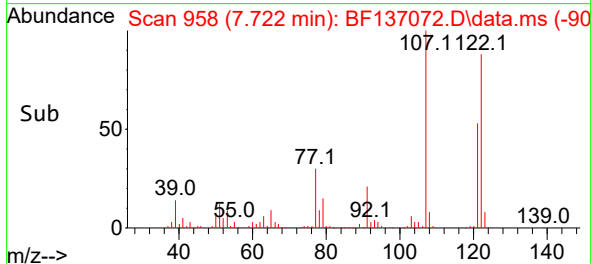
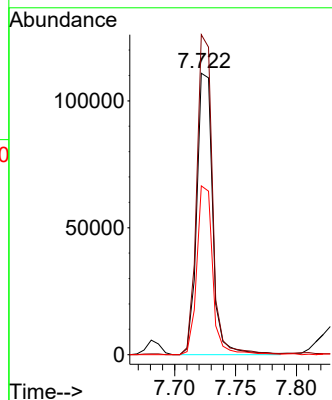
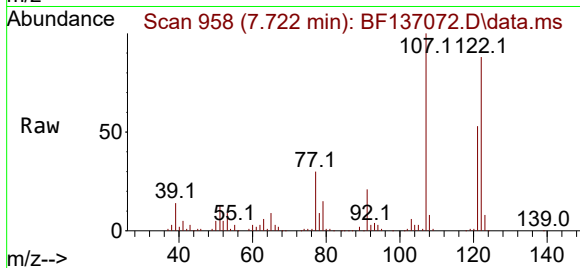




#27
2,4-Dimethylphenol
Concen: 51.428 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

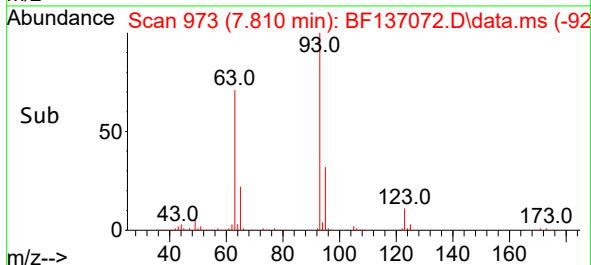
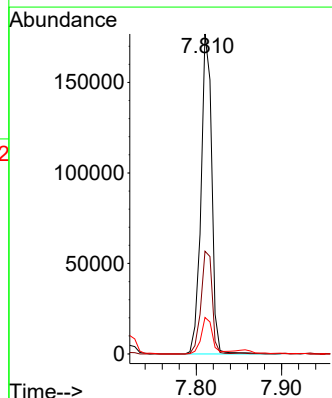
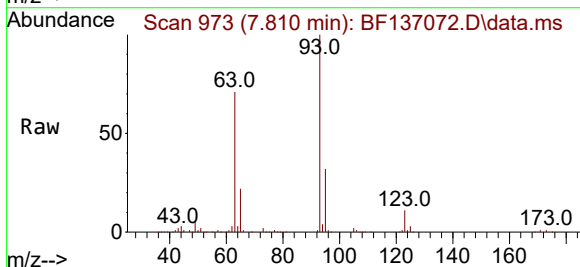
Instrument :
BNA_F
ClientSampleId :
MR-309-37-39MSD

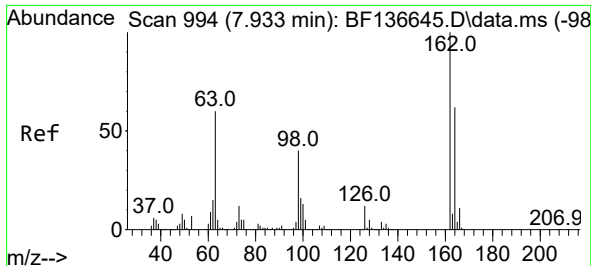
Tgt Ion:122 Resp: 101264
Ion Ratio Lower Upper
122 100
107 113.7 92.0 138.0
121 60.0 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 41.655 ng
RT: 7.810 min Scan# 973
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Tgt Ion: 93 Resp: 155475
Ion Ratio Lower Upper
93 100
95 32.1 25.5 38.3
123 11.4 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 40.359 ng

RT: 7.928 min Scan# 94

Delta R.T. -0.006 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

MR-309-37-39MSD

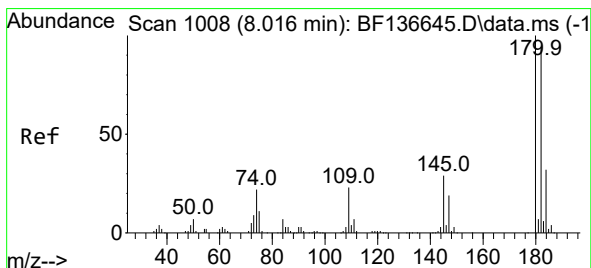
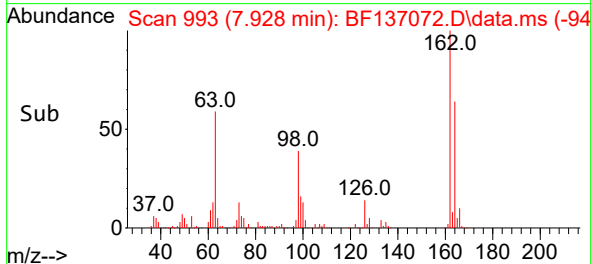
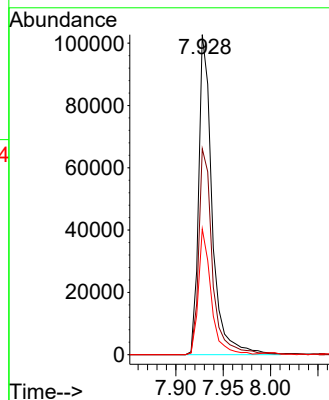
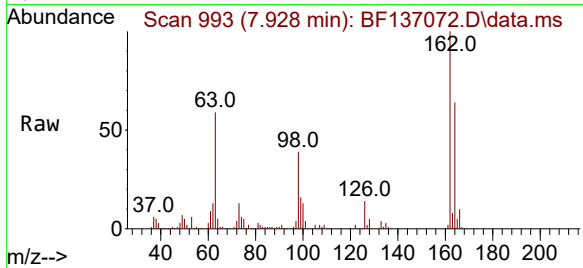
Tgt Ion:162 Resp: 102309

Ion Ratio Lower Upper

162 100

164 64.3 41.7 81.7

98 39.3 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 42.001 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

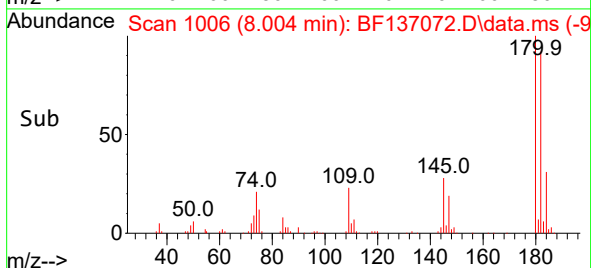
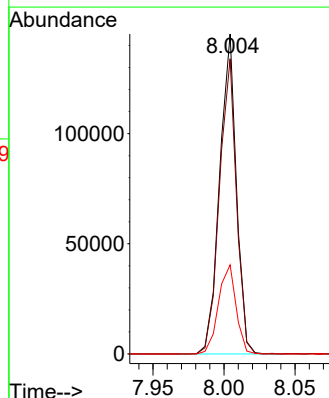
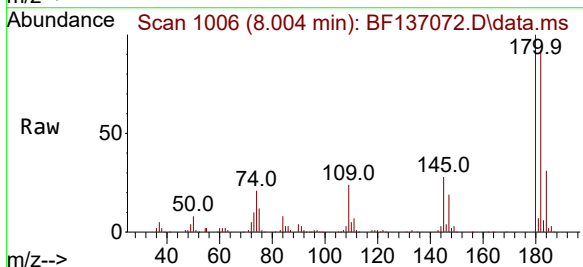
Tgt Ion:180 Resp: 118630

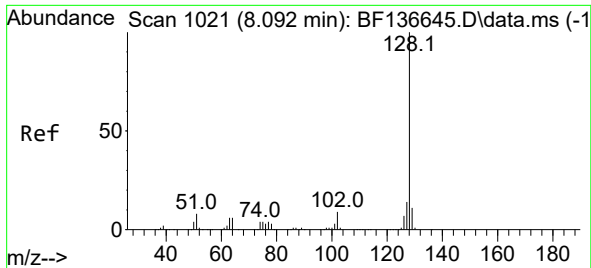
Ion Ratio Lower Upper

180 100

182 92.2 75.4 113.0

145 27.9 23.1 34.7

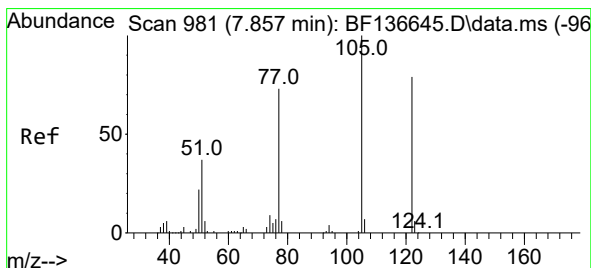
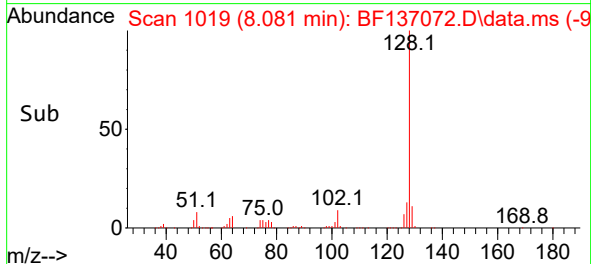
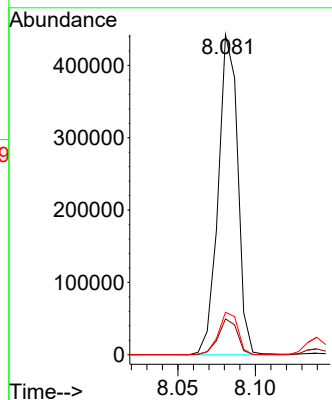
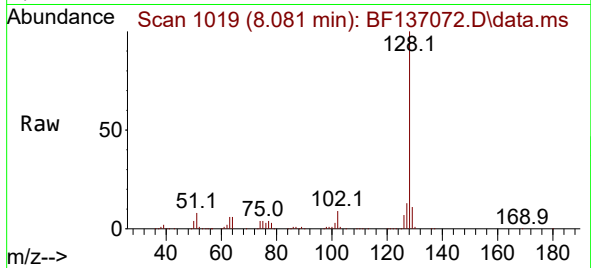




#31
Naphthalene
Concen: 40.802 ng
RT: 8.081 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

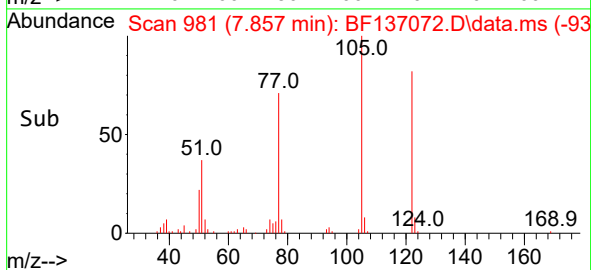
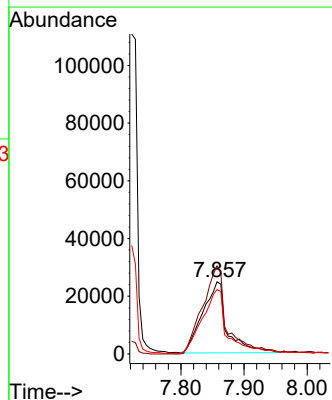
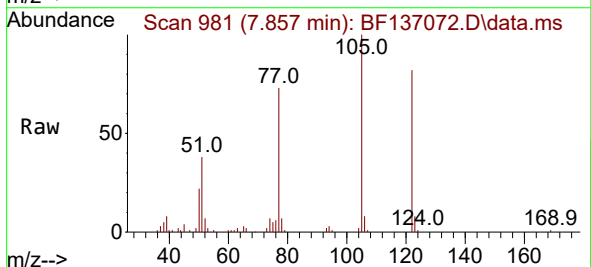
Instrument :
BNA_F
ClientSampleId :
MR-309-37-39MSD

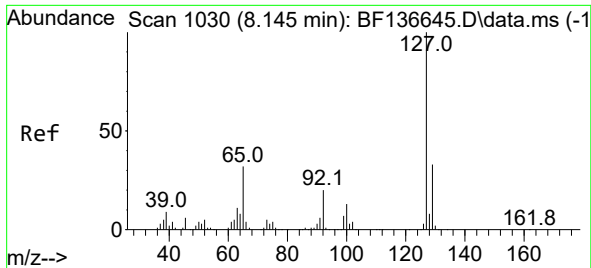
Tgt Ion:128 Resp: 387071
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 34.861 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Tgt Ion:122 Resp: 66417
Ion Ratio Lower Upper
122 100
105 121.9 100.8 140.8
77 89.1 70.9 110.9

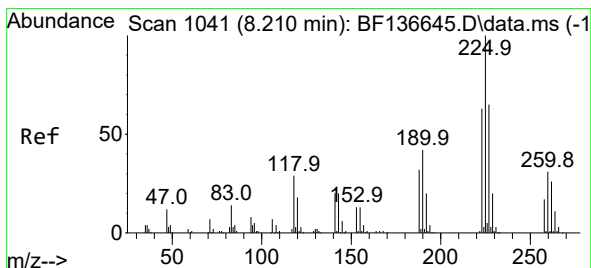
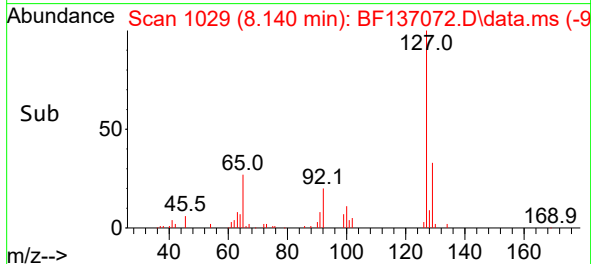
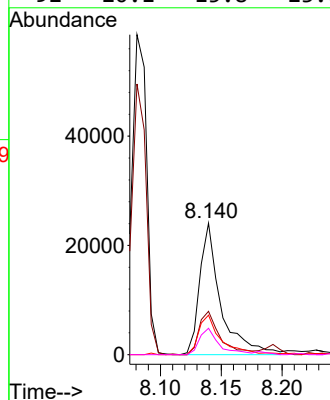
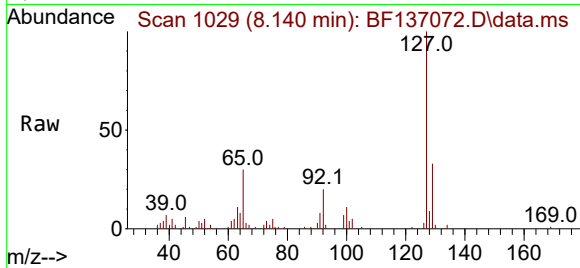




#33
4-Chloroaniline
Concen: 8.301 ng
RT: 8.140 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

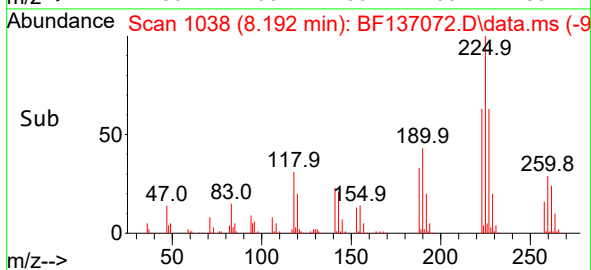
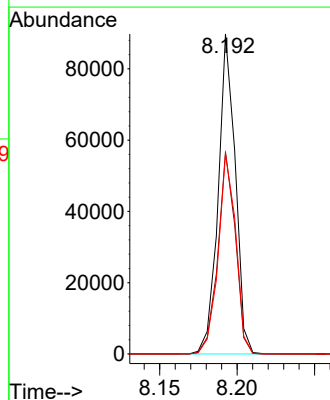
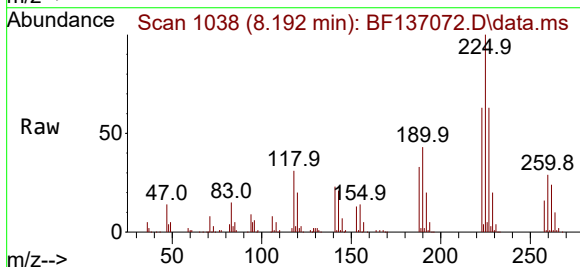
Instrument :
BNA_F
ClientSampleId :
MR-309-37-39MSD

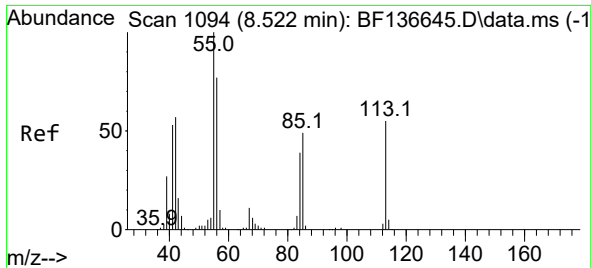
Tgt Ion:127	Resp:	29076
Ion	Ratio	Lower Upper
127	100	
129	32.9	26.3 39.5
65	30.1	25.8 38.8
92	20.1	15.8 23.6



#34
Hexachlorobutadiene
Concen: 40.136 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.017 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Tgt Ion:225	Resp:	68875
Ion	Ratio	Lower Upper
225	100	
223	63.2	50.6 76.0
227	62.6	51.9 77.9

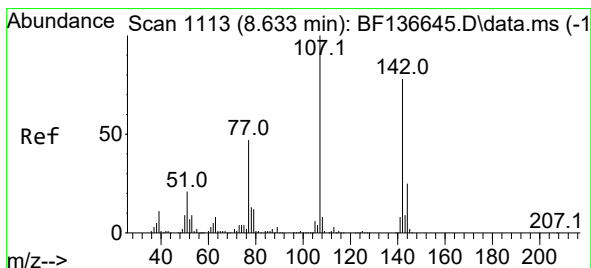
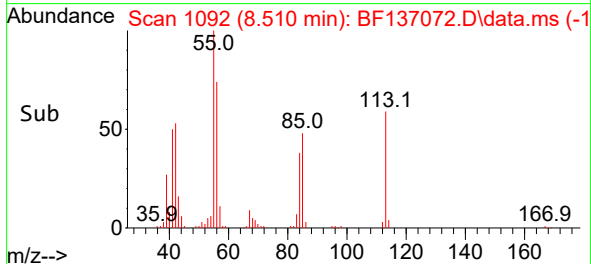
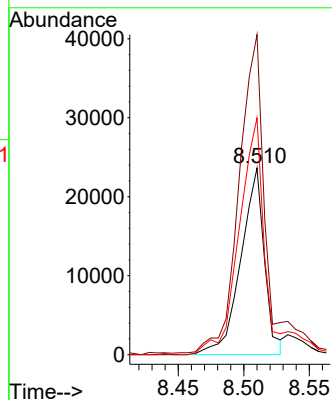
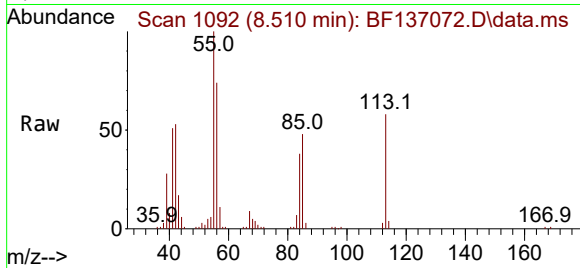




#35
Caprolactam
Concen: 35.326 ng
RT: 8.510 min Scan# 1092
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

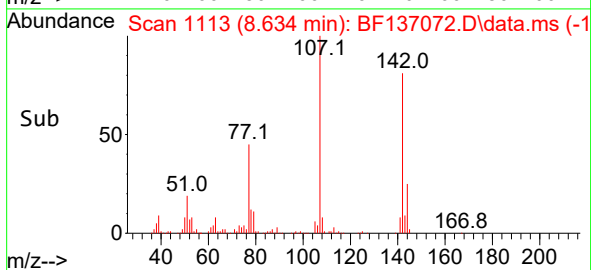
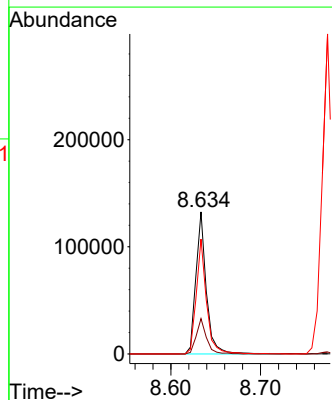
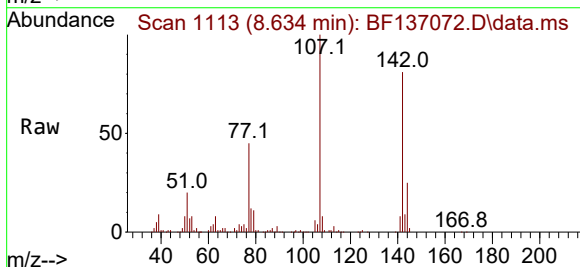
Instrument :
BNA_F
ClientSampleId :
MR-309-37-39MSD

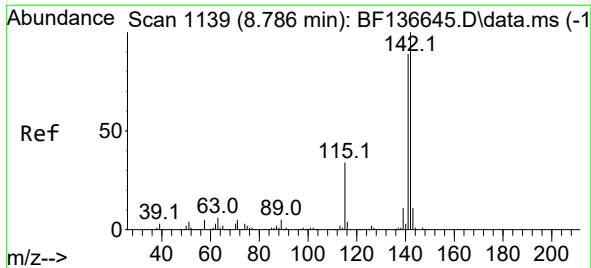
Tgt Ion:113 Resp: 29542
Ion Ratio Lower Upper
113 100
55 171.4 163.1 203.1
56 126.8 121.7 161.7



#36
4-Chloro-3-methylphenol
Concen: 37.575 ng
RT: 8.634 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Tgt Ion:107 Resp: 107232
Ion Ratio Lower Upper
107 100
144 24.9 20.2 30.2
142 80.8 62.3 93.5

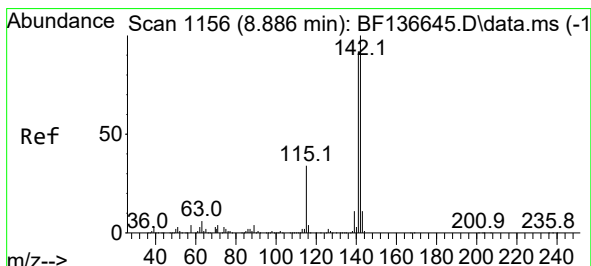
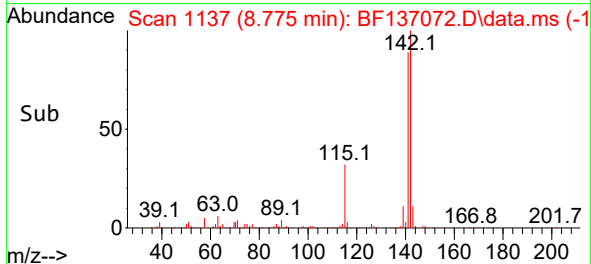
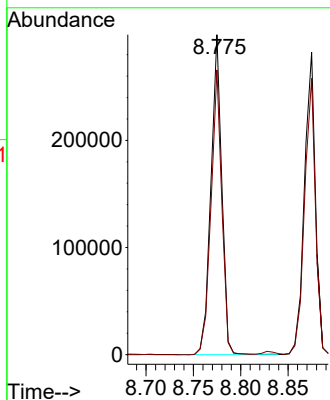
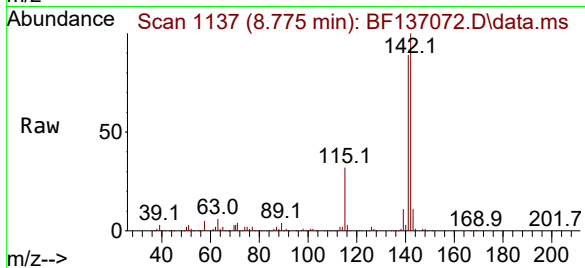




#37
2-Methylnaphthalene
Concen: 38.878 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

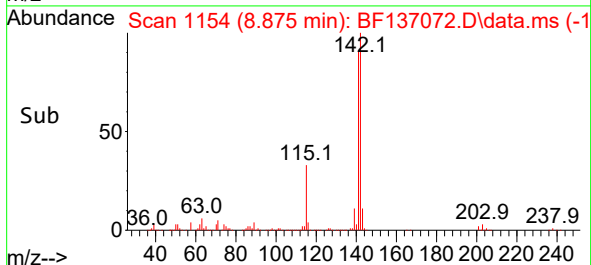
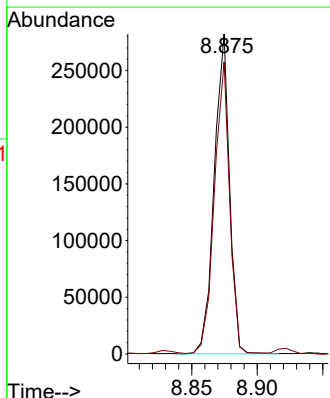
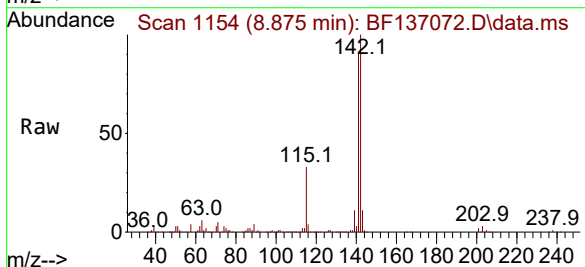
Instrument :
BNA_F
ClientSampleId :
MR-309-37-39MSD

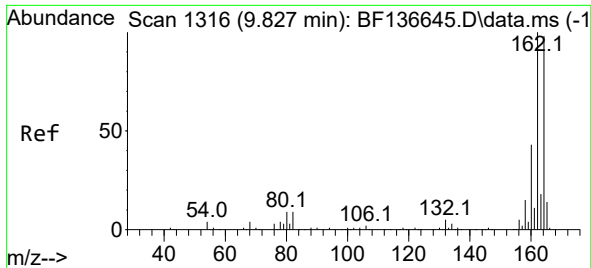
Tgt Ion:142 Resp: 237364
Ion Ratio Lower Upper
142 100
141 89.0 71.1 106.7



#38
1-Methylnaphthalene
Concen: 38.199 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Tgt Ion:142 Resp: 228807
Ion Ratio Lower Upper
142 100
141 91.3 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

MR-309-37-39MSD

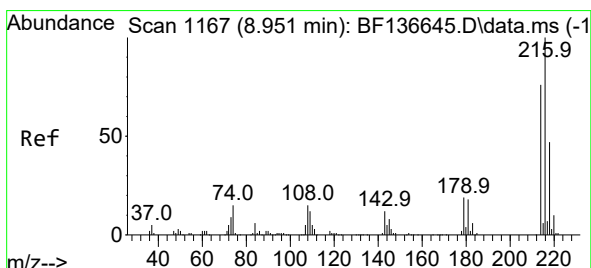
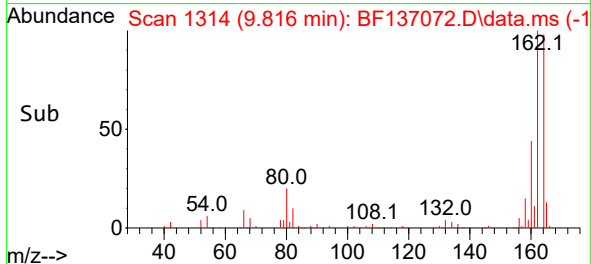
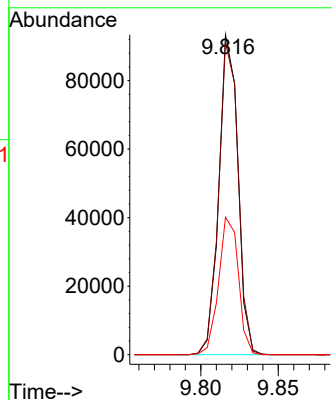
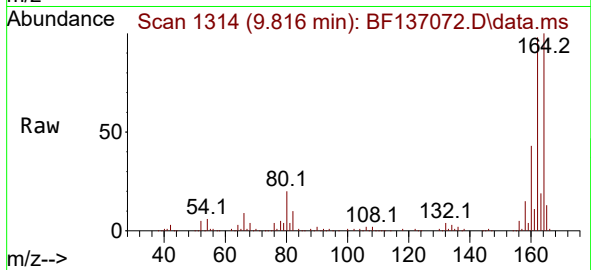
Tgt Ion:164 Resp: 79650

Ion Ratio Lower Upper

164 100

162 97.6 81.6 122.4

160 43.0 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.552 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

Tgt Ion:216 Resp: 117297

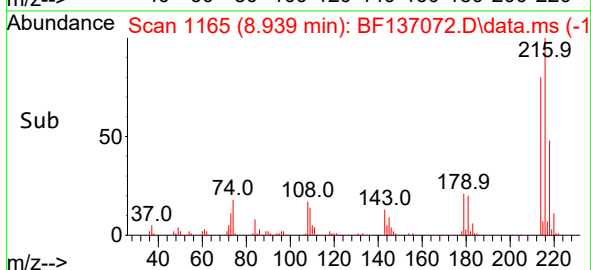
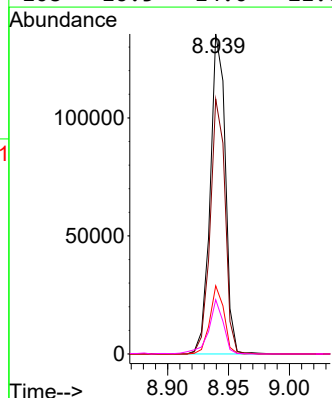
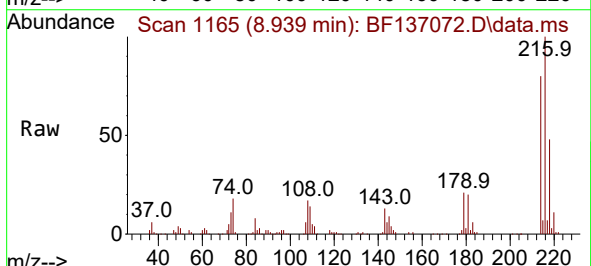
Ion Ratio Lower Upper

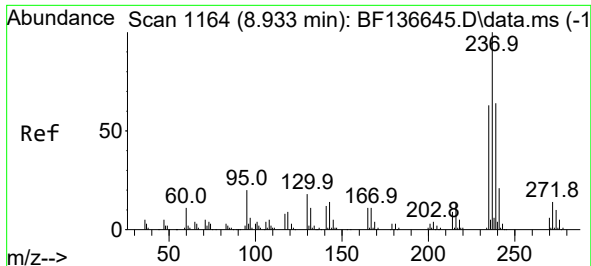
216 100

214 78.3 62.3 93.5

179 19.9 16.4 24.6

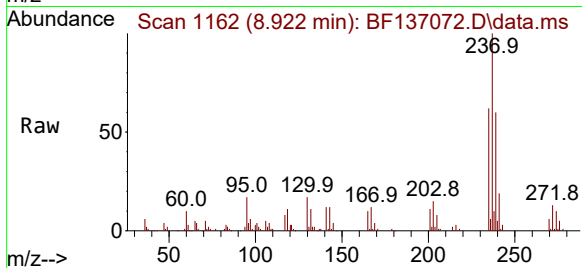
108 16.5 14.0 21.0



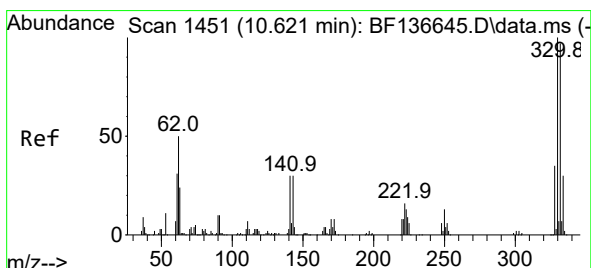
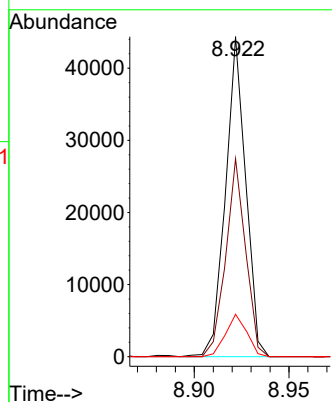
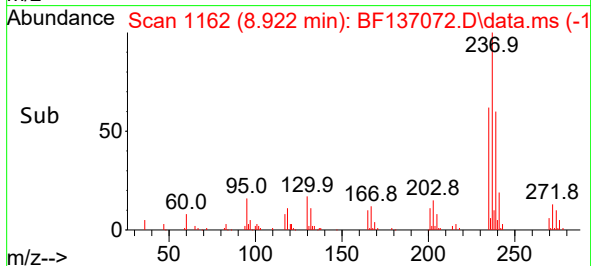


#41
Hexachlorocyclopentadiene
Concen: 44.265 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

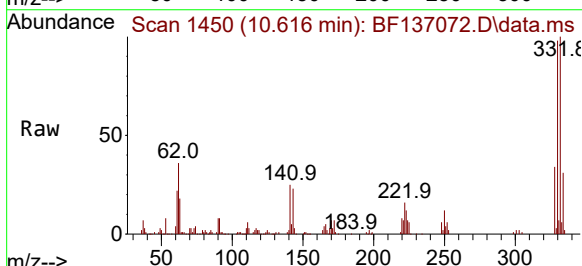
Instrument :
BNA_F
ClientSampleId :
MR-309-37-39MSD



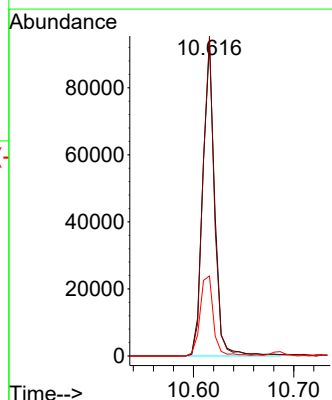
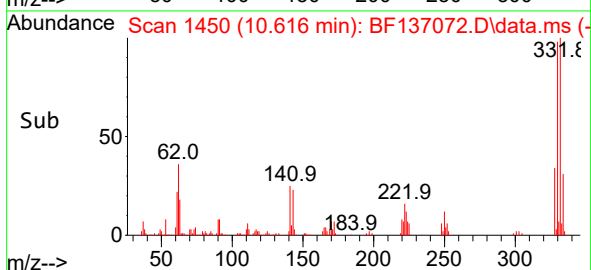
Tgt Ion:237 Resp: 32981
Ion Ratio Lower Upper
237 100
235 61.9 43.2 83.2
272 13.2 0.0 34.2

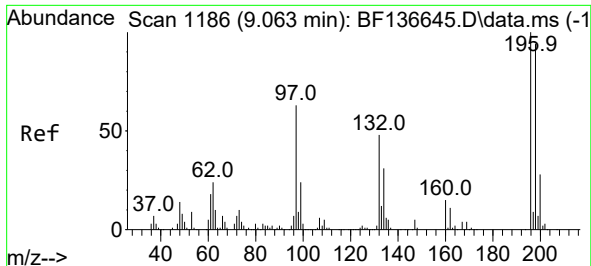


#42
2,4,6-Tribromophenol
Concen: 82.966 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36



Tgt Ion:330 Resp: 77827
Ion Ratio Lower Upper
330 100
332 97.8 77.4 116.0
141 28.6 23.4 35.2

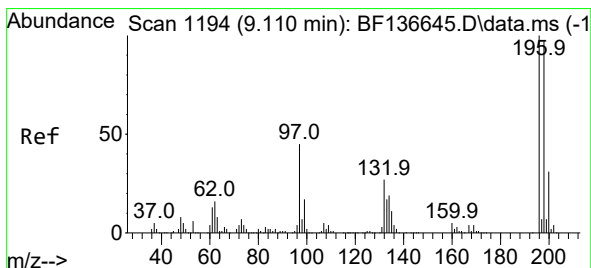
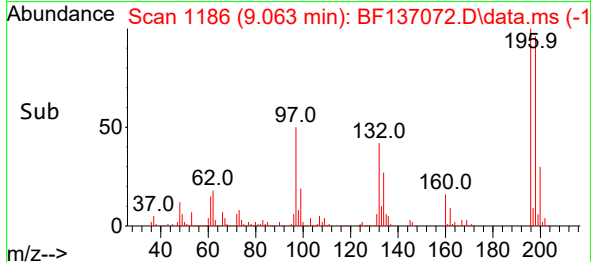
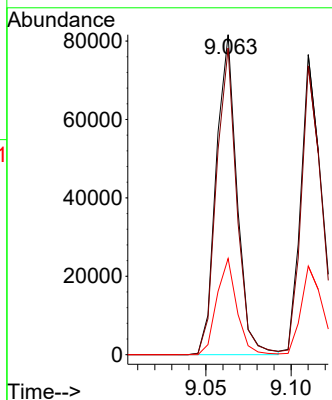
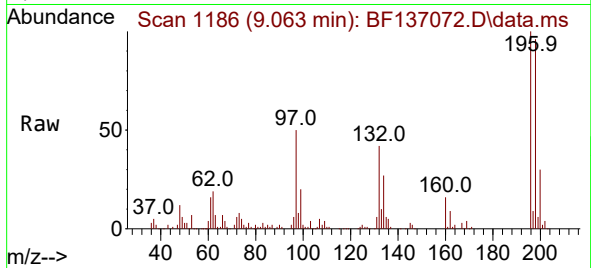




#43
2,4,6-Trichlorophenol
Concen: 43.849 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

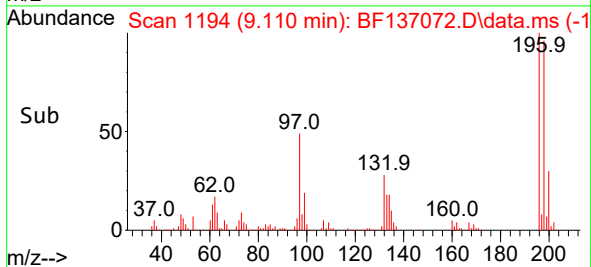
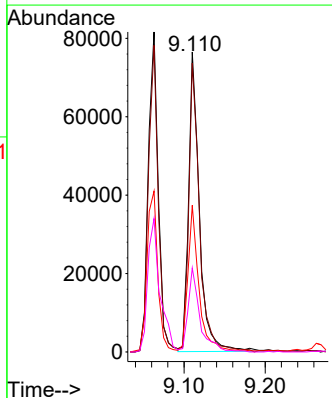
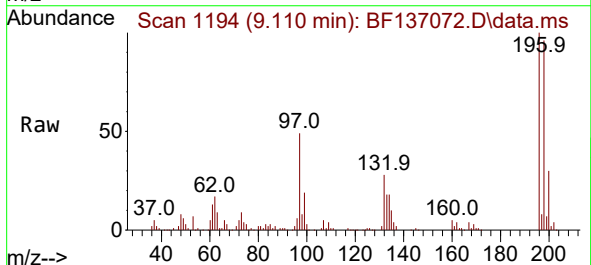
Instrument :
BNA_F
ClientSampleId :
MR-309-37-39MSD

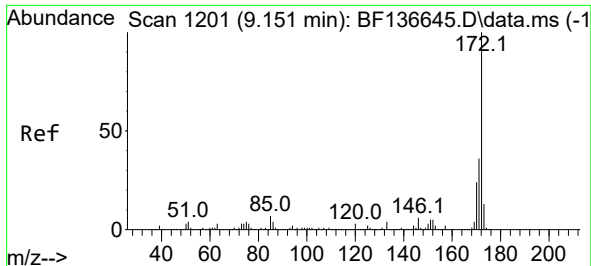
Tgt Ion:196 Resp: 69367
Ion Ratio Lower Upper
196 100
198 95.8 75.1 112.7
200 30.1 22.5 33.7



#44
2,4,5-Trichlorophenol
Concen: 40.398 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Tgt Ion:196 Resp: 71216
Ion Ratio Lower Upper
196 100
198 96.3 77.0 115.6
97 48.9 36.1 54.1
132 28.0 21.8 32.6

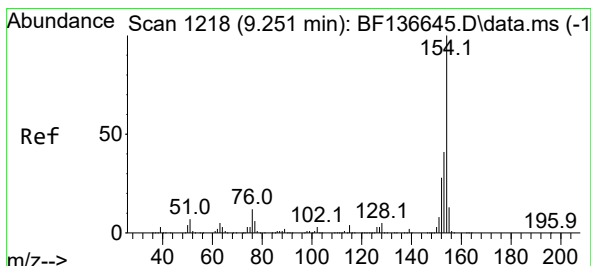
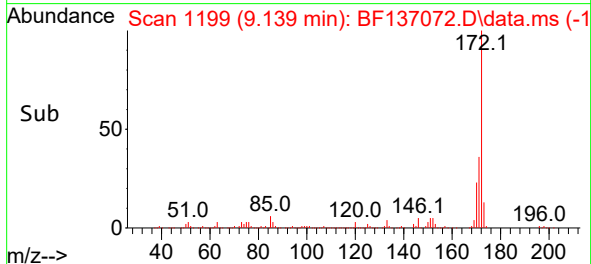
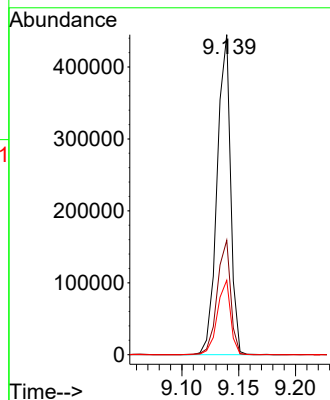
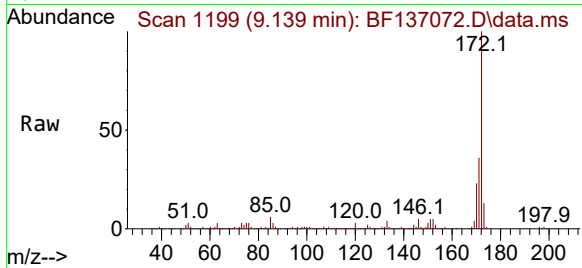




#45
2-Fluorobiphenyl
Concen: 62.014 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

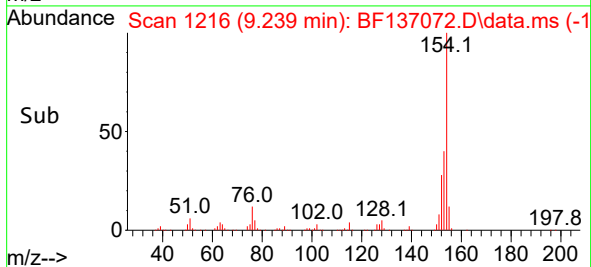
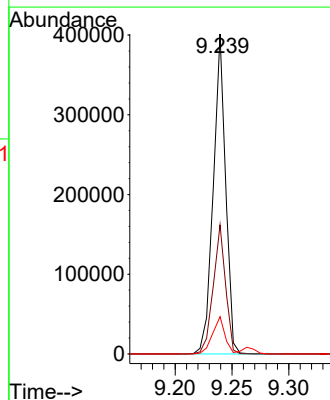
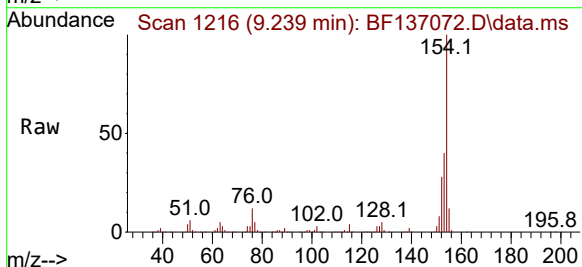
Instrument :
BNA_F
ClientSampleId :
MR-309-37-39MSD

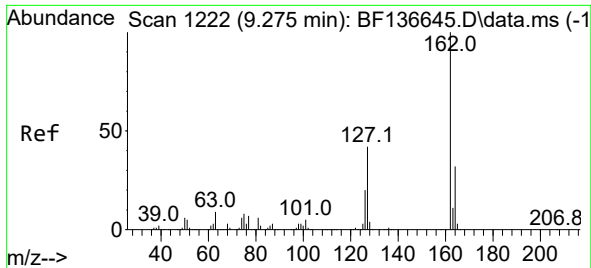
Tgt Ion:172 Resp: 367247
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.6
170 23.3 19.0 28.4



#46
1,1'-Biphenyl
Concen: 45.395 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Tgt Ion:154 Resp: 303415
Ion Ratio Lower Upper
154 100
153 40.4 21.1 61.1
76 11.6 0.0 31.7

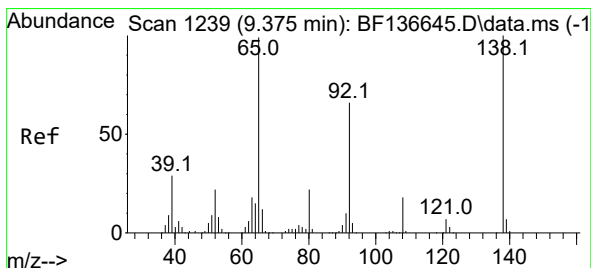
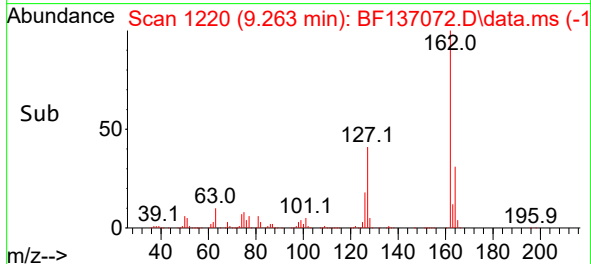
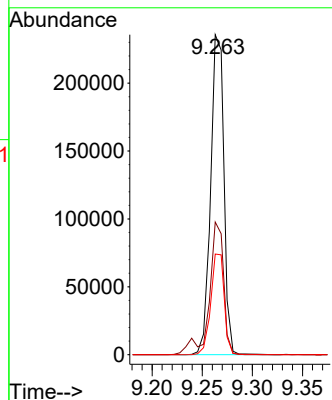
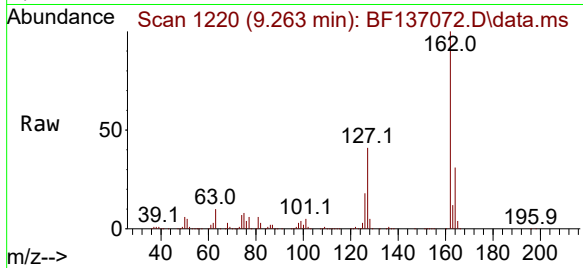




#47
2-Chloronaphthalene
Concen: 42.586 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

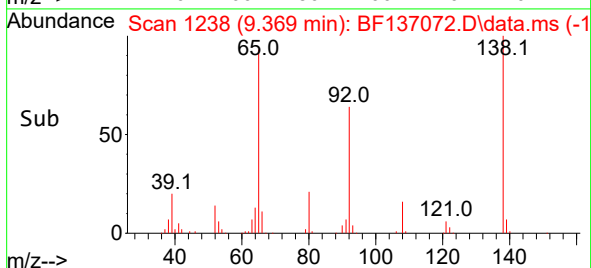
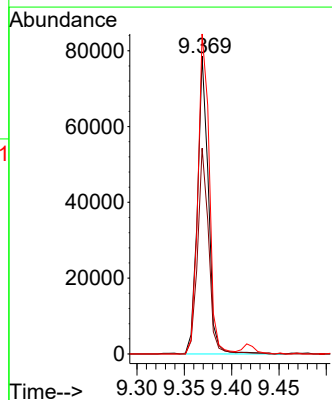
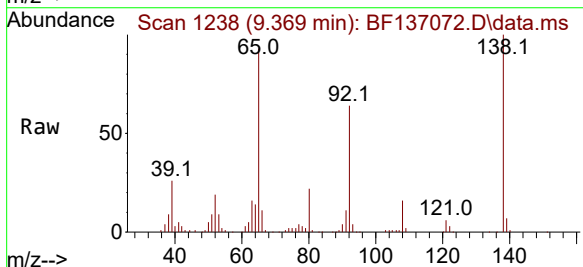
Instrument :
BNA_F
ClientSampleId :
MR-309-37-39MSD

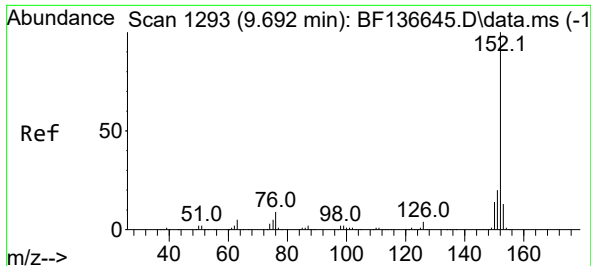
Tgt Ion:162 Resp: 216384
Ion Ratio Lower Upper
162 100
127 41.5 33.6 50.4
164 31.5 25.7 38.5



#48
2-Nitroaniline
Concen: 39.806 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

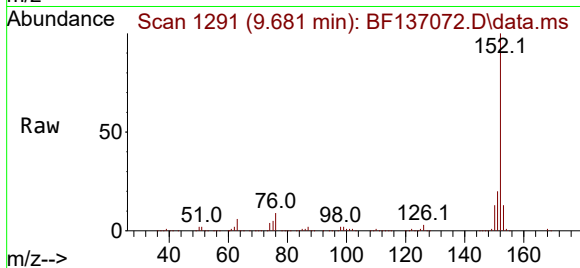
Tgt Ion: 65 Resp: 63337
Ion Ratio Lower Upper
65 100
92 69.0 53.2 79.8
138 107.4 81.1 121.7



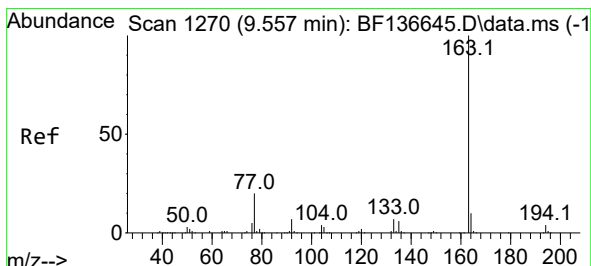
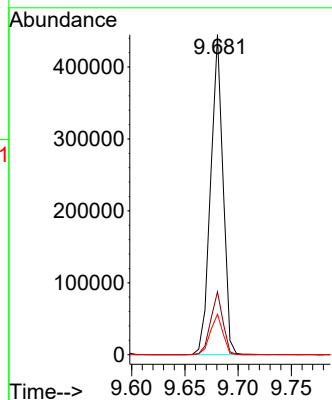
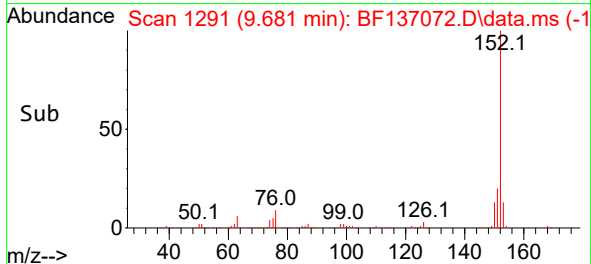


#49
Acenaphthylene
Concen: 46.368 ng
RT: 9.681 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

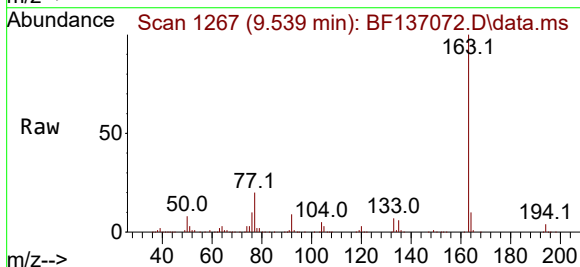
Instrument :
BNA_F
ClientSampleId :
MR-309-37-39MSD



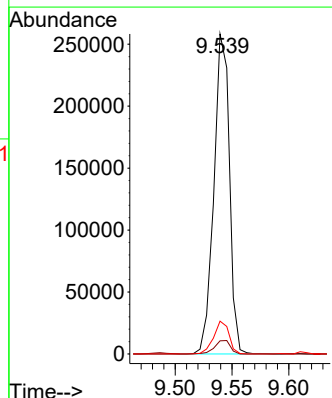
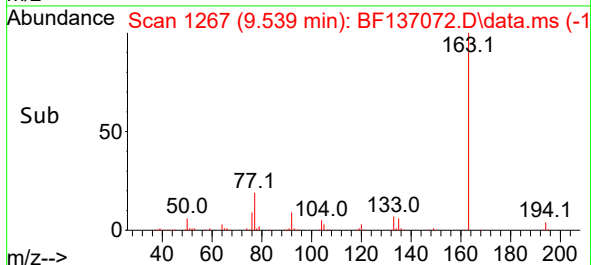
Tgt Ion:152 Resp: 360121
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.4
153 12.6 10.2 15.2

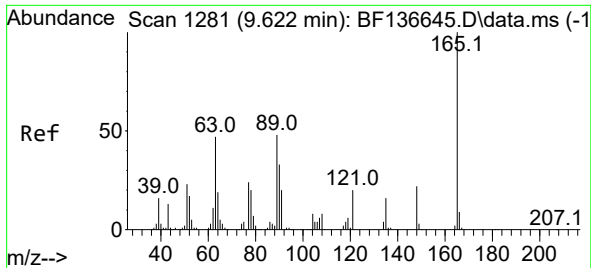


#50
Dimethylphthalate
Concen: 42.250 ng
RT: 9.539 min Scan# 1267
Delta R.T. -0.017 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36



Tgt Ion:163 Resp: 245803
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.3 7.8 11.6

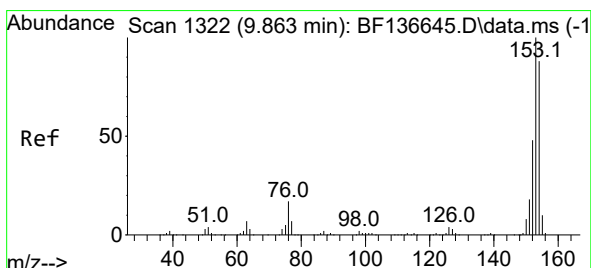
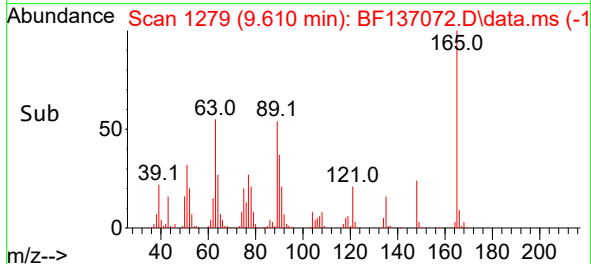
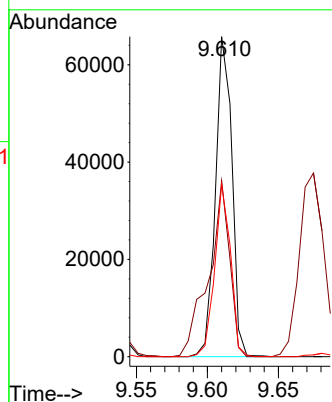
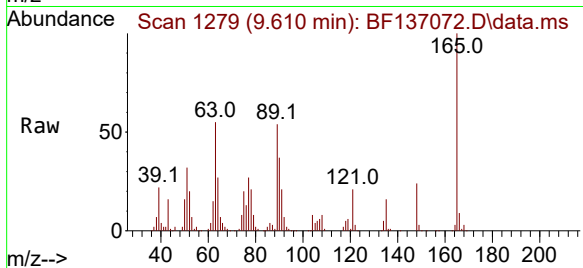




#51
2,6-Dinitrotoluene
Concen: 40.178 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

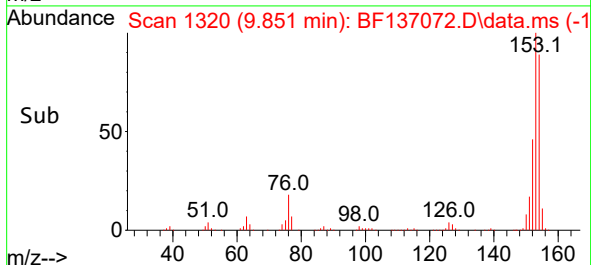
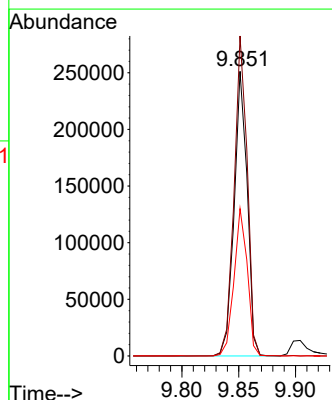
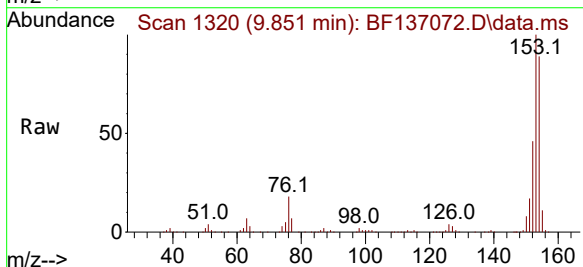
Instrument :
BNA_F
ClientSampleId :
MR-309-37-39MSD

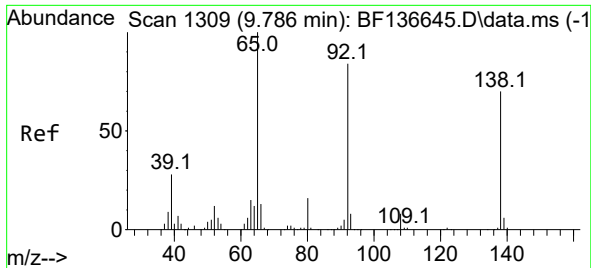
Tgt Ion:165 Resp: 53049
Ion Ratio Lower Upper
165 100
63 55.0 39.8 59.6
89 53.9 38.8 58.2



#52
Acenaphthene
Concen: 41.634 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Tgt Ion:154 Resp: 200437
Ion Ratio Lower Upper
154 100
153 112.4 90.7 136.1
152 51.8 43.7 65.5

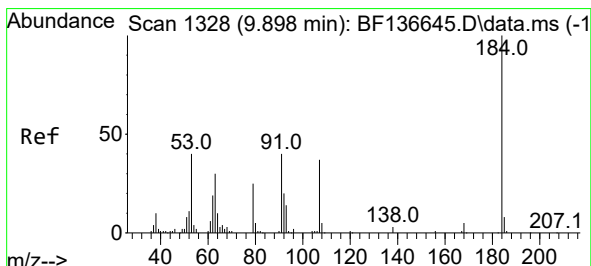
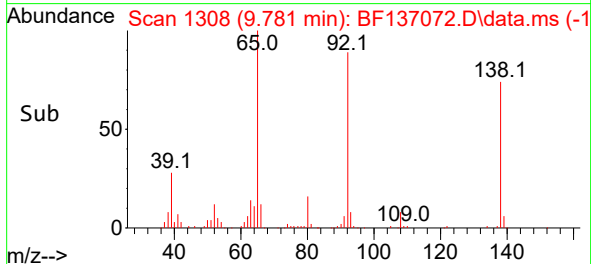
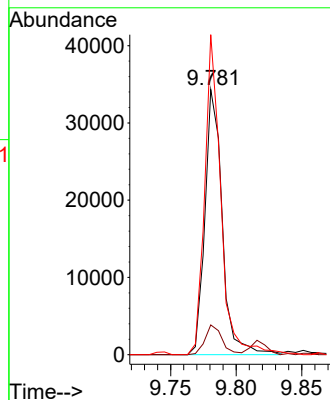
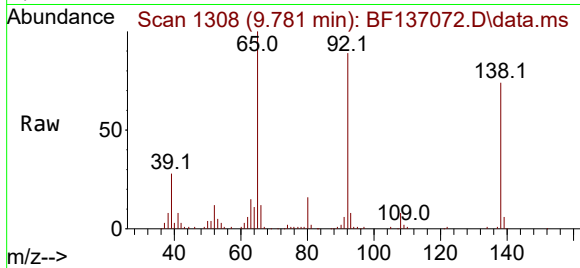




#53
3-Nitroaniline
Concen: 22.641 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

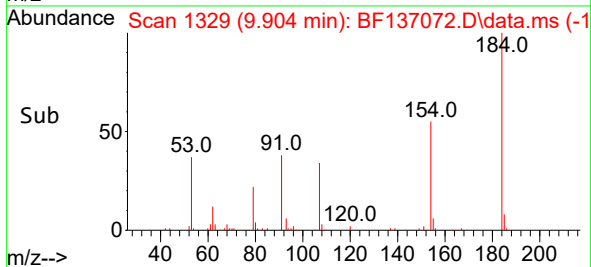
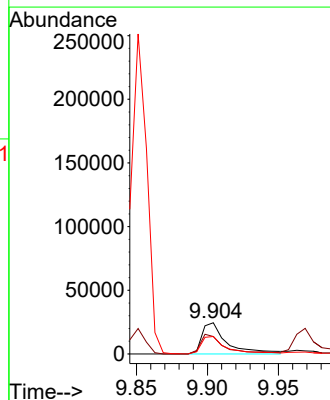
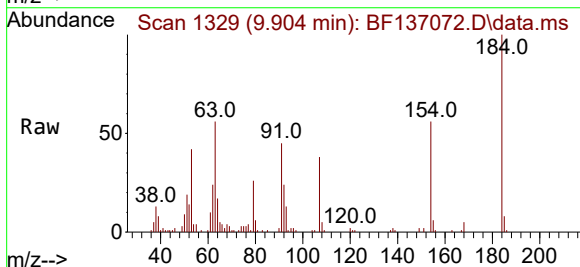
Instrument :
BNA_F
ClientSampleId :
MR-309-37-39MSD

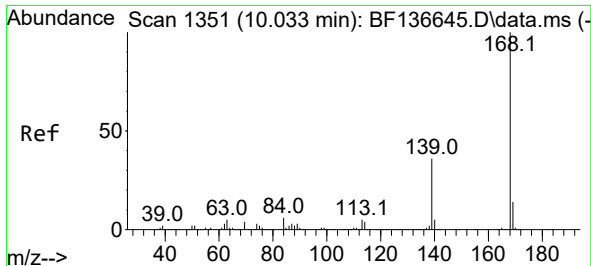
Tgt Ion:138 Resp: 31667
Ion Ratio Lower Upper
138 100
108 11.2 8.6 12.8
92 120.7 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 43.164 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Tgt Ion:184 Resp: 30266
Ion Ratio Lower Upper
184 100
63 55.7 40.9 61.3
154 55.9 42.7 64.1

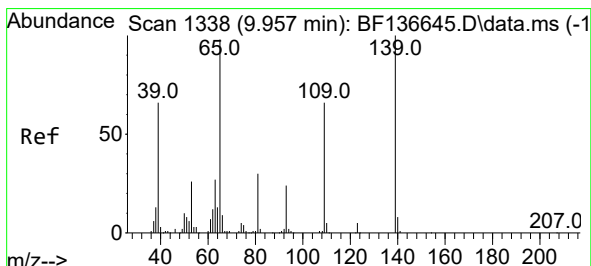
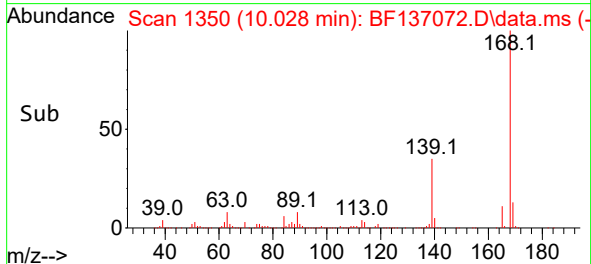
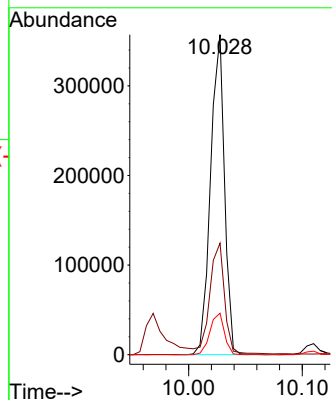
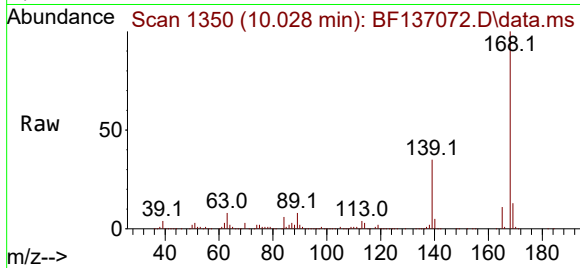




#55
Dibenzenofuran
Concen: 41.631 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

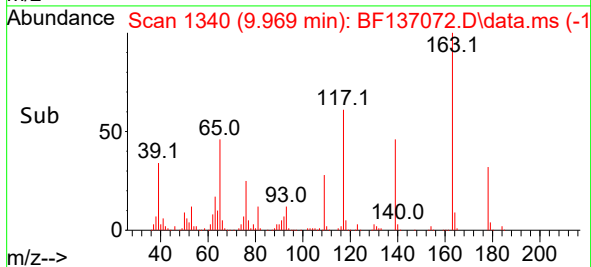
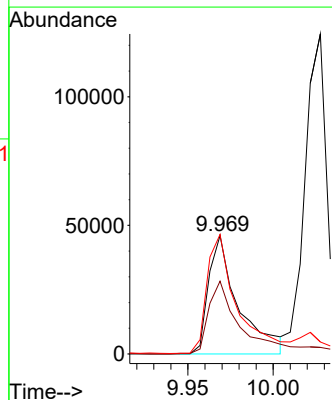
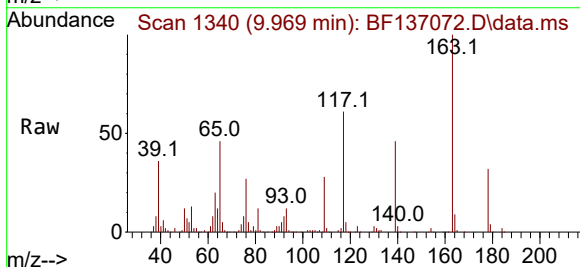
Instrument :
BNA_F
ClientSampleId :
MR-309-37-39MSD

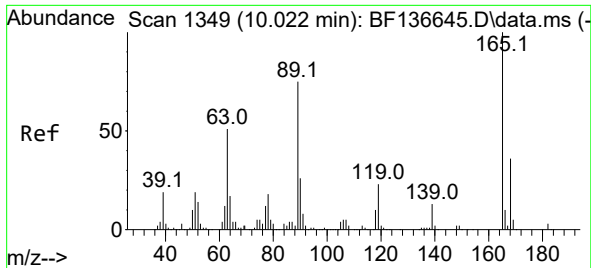
Tgt Ion:168 Resp: 303816
Ion Ratio Lower Upper
168 100
139 34.8 29.3 43.9
169 13.0 11.0 16.4



#56
4-Nitrophenol
Concen: 59.395 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Tgt Ion:139 Resp: 56080
Ion Ratio Lower Upper
139 100
109 61.5 45.8 85.8
65 100.9 77.8 117.8

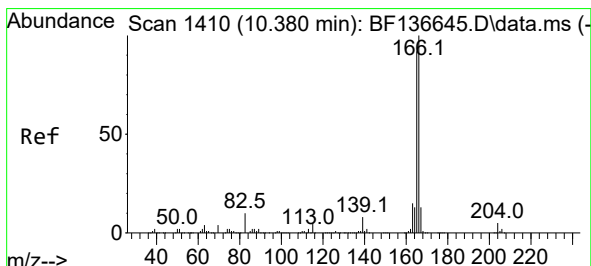
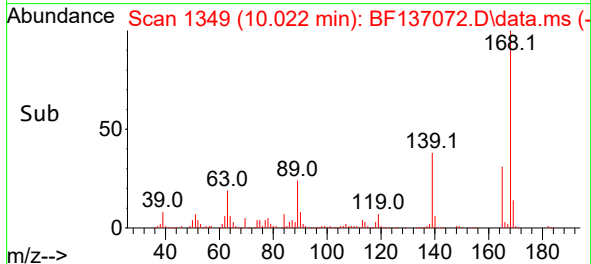
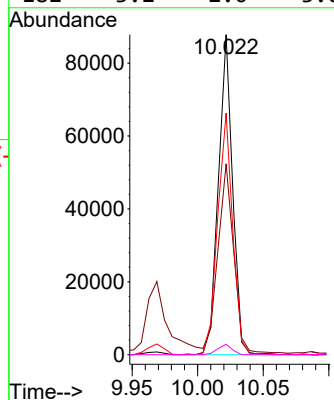
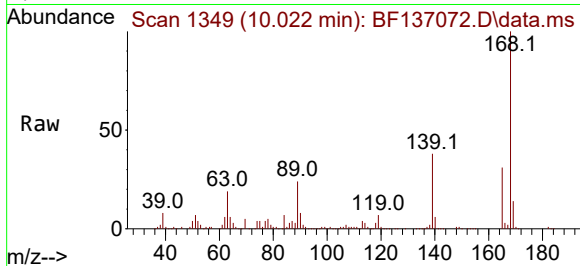




#57
2,4-Dinitrotoluene
Concen: 38.519 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

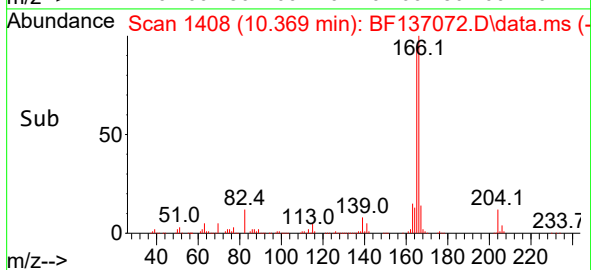
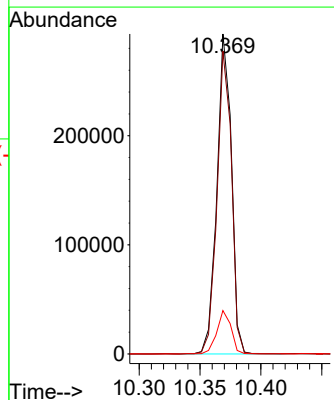
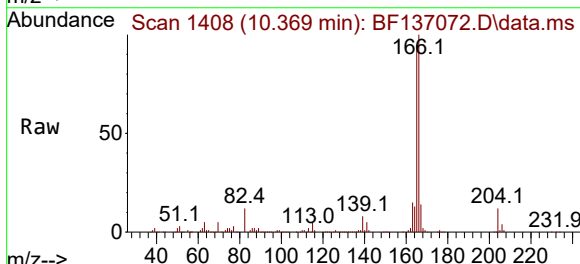
Instrument :
BNA_F
ClientSampleId :
MR-309-37-39MSD

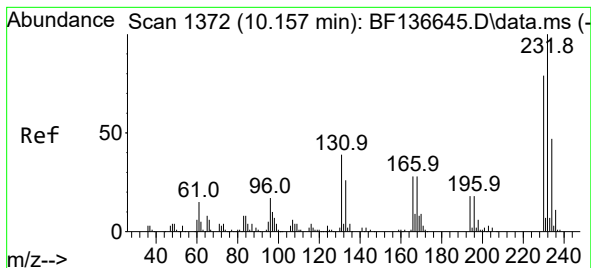
Tgt Ion:165 Resp: 66025
Ion Ratio Lower Upper
165 100
63 59.6 41.0 61.6
89 75.5 59.9 89.9
182 3.2 2.0 3.0#



#58
Fluorene
Concen: 42.009 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Tgt Ion:166 Resp: 243254
Ion Ratio Lower Upper
166 100
165 94.6 73.7 110.5
167 13.6 10.4 15.6

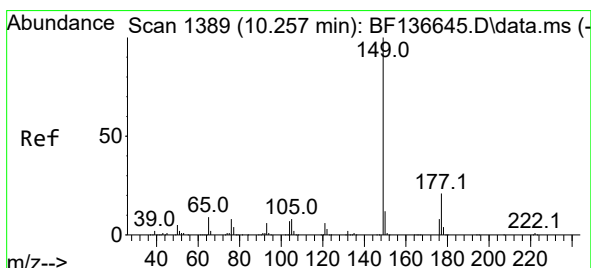
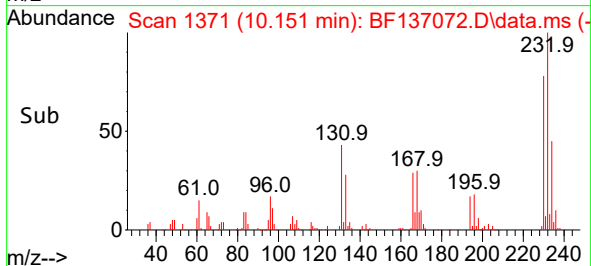
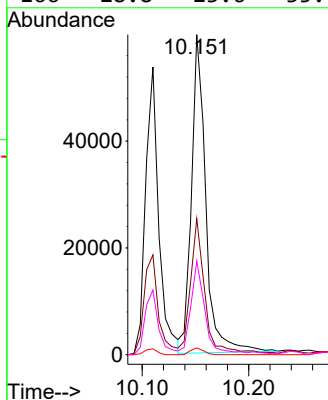
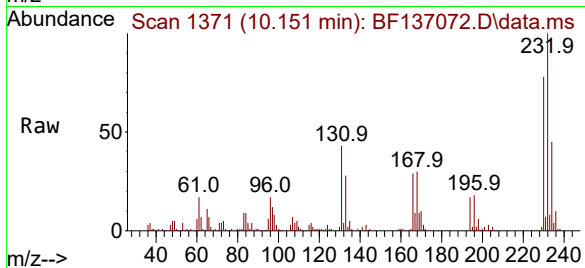




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.117 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

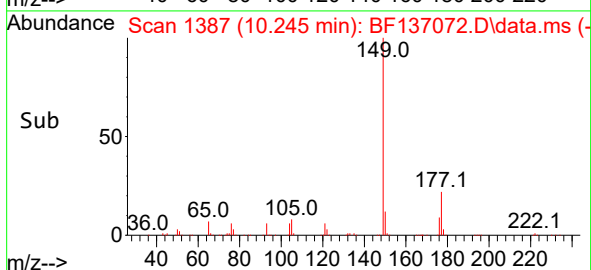
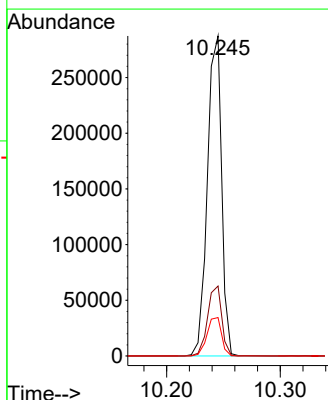
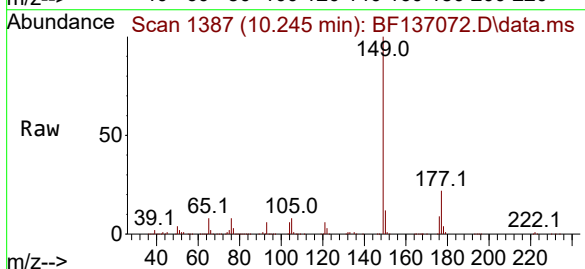
Instrument :
BNA_F
ClientSampleId :
MR-309-37-39MSD

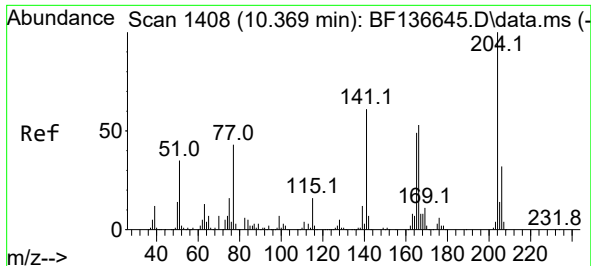
Tgt Ion:232 Resp: 55796
Ion Ratio Lower Upper
232 100
131 41.1 35.1 52.7
130 1.9 1.6 2.4
166 28.8 23.6 35.4



#60
Diethylphthalate
Concen: 41.405 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Tgt Ion:149 Resp: 249937
Ion Ratio Lower Upper
149 100
177 21.9 16.9 25.3
150 12.0 9.3 13.9

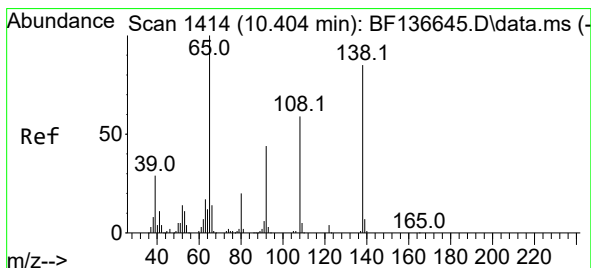
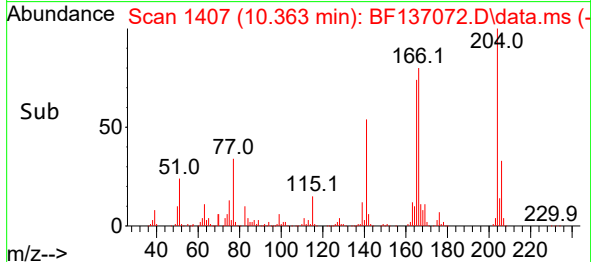
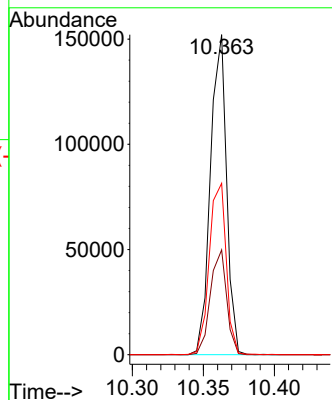
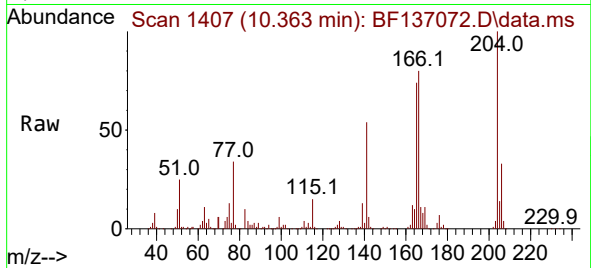




#61
4-Chlorophenyl-phenylether
Concen: 42.630 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

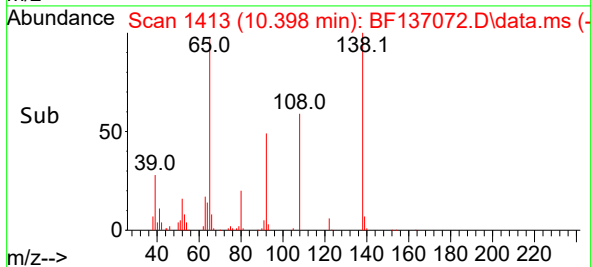
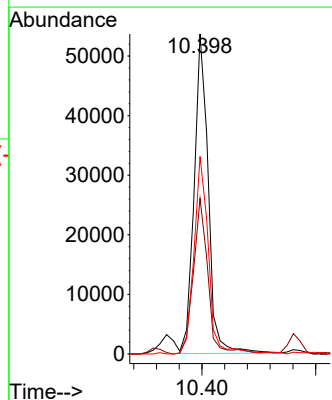
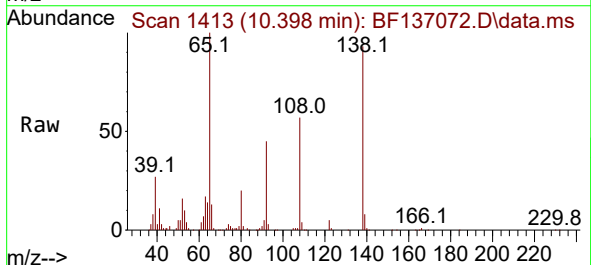
Instrument :
BNA_F
ClientSampleId :
MR-309-37-39MSD

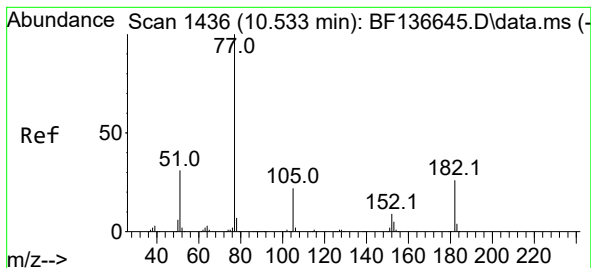
Tgt Ion:204 Resp: 119987
Ion Ratio Lower Upper
204 100
206 32.7 25.6 38.4
141 53.5 48.4 72.6



#62
4-Nitroaniline
Concen: 34.405 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Tgt Ion:138 Resp: 46390
Ion Ratio Lower Upper
138 100
92 48.6 32.1 72.1
108 61.7 50.1 90.1





#63

Azobenzene

Concen: 39.794 ng

RT: 10.522 min Scan# 1436

Delta R.T. -0.012 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

MR-309-37-39MSD

Tgt Ion: 77 Resp: 224356

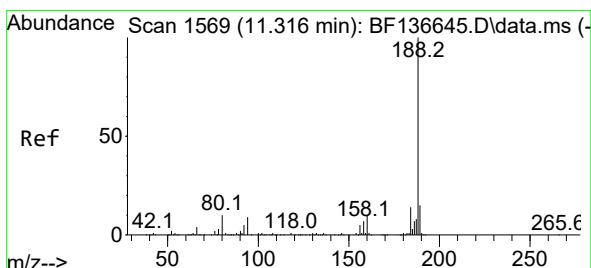
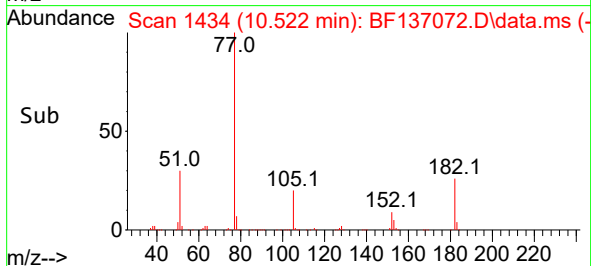
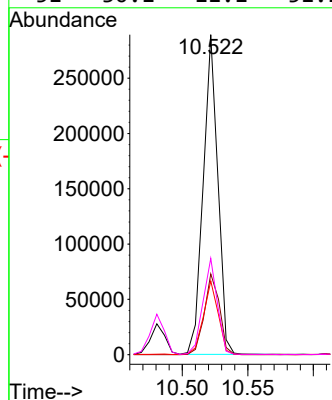
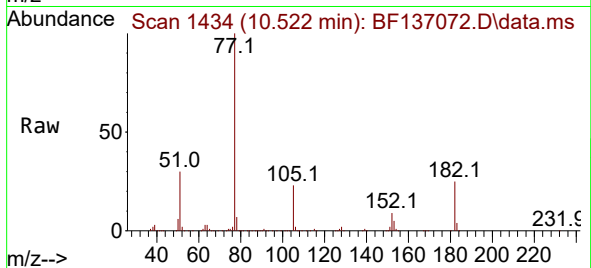
Ion Ratio Lower Upper

77 100

182 25.2 6.0 46.0

105 23.1 2.3 42.3

51 30.1 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1568

Delta R.T. -0.006 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

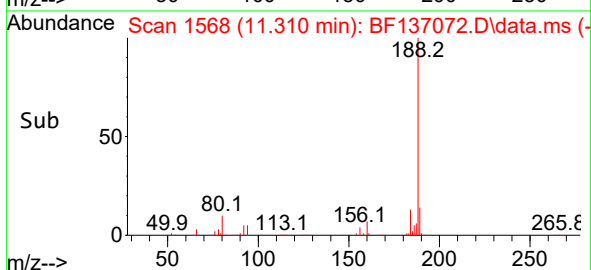
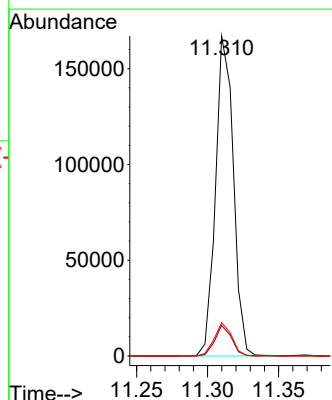
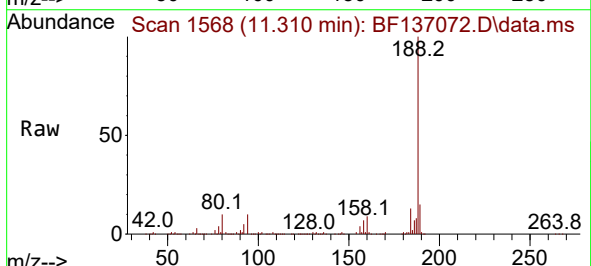
Tgt Ion: 188 Resp: 145633

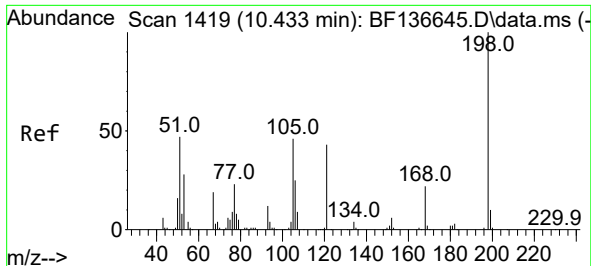
Ion Ratio Lower Upper

188 100

94 9.6 7.5 11.3

80 10.4 8.1 12.1

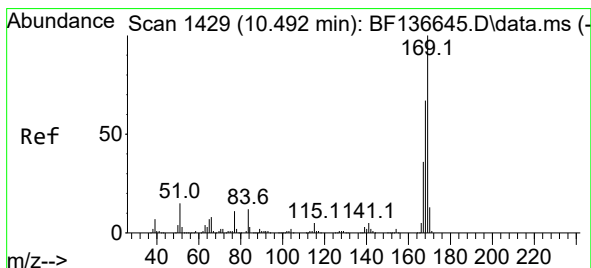
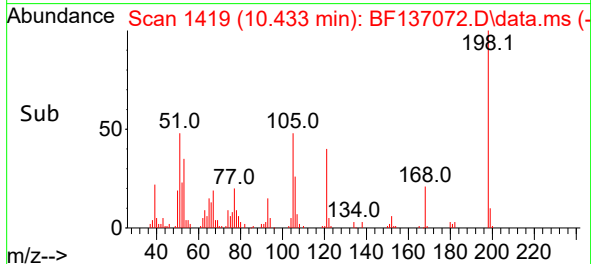
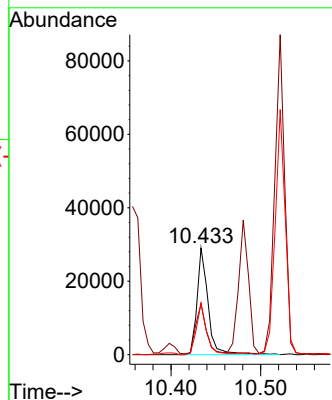
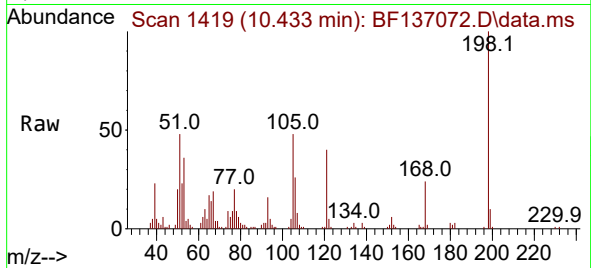




#65
4,6-Dinitro-2-methylphenol
Concen: 29.815 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

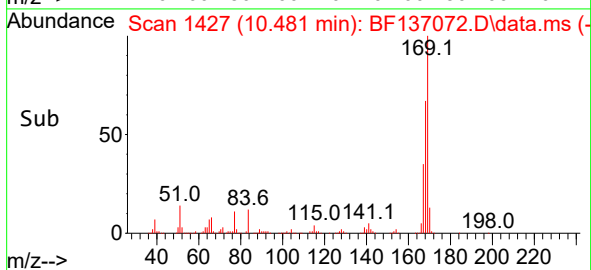
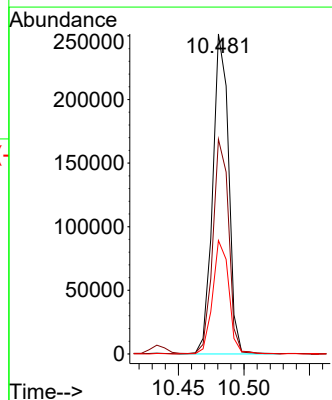
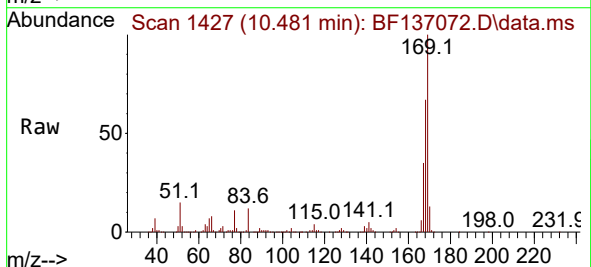
Instrument :
BNA_F
ClientSampleId :
MR-309-37-39MSD

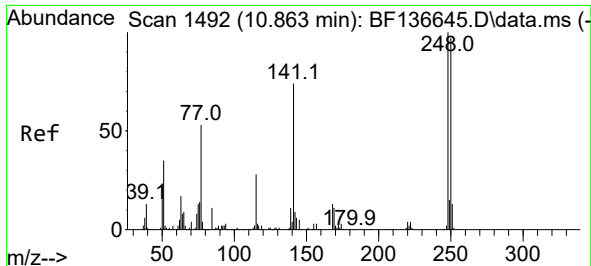
Tgt Ion:198 Resp: 24884
Ion Ratio Lower Upper
198 100
51 48.0 34.1 74.1
105 48.2 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 44.805 ng
RT: 10.481 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Tgt Ion:169 Resp: 211963
Ion Ratio Lower Upper
169 100
168 67.1 53.8 80.6
167 35.5 28.7 43.1

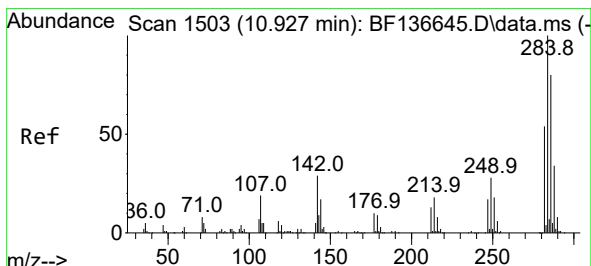
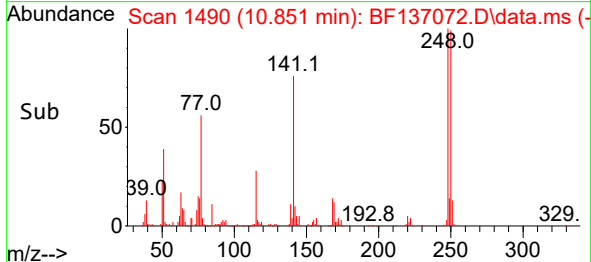
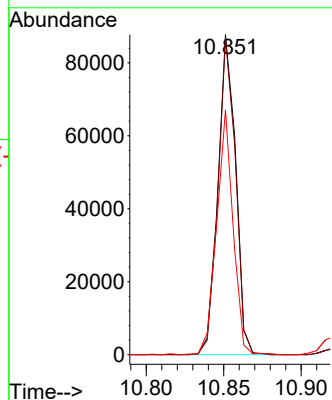
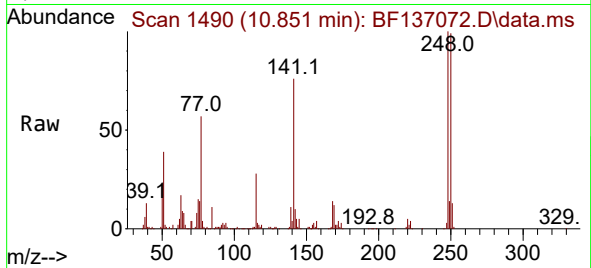




#67
4-Bromophenyl-phenylether
Concen: 43.133 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

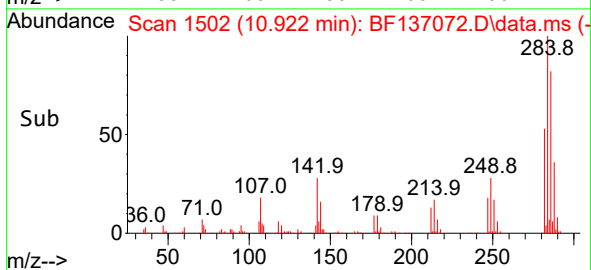
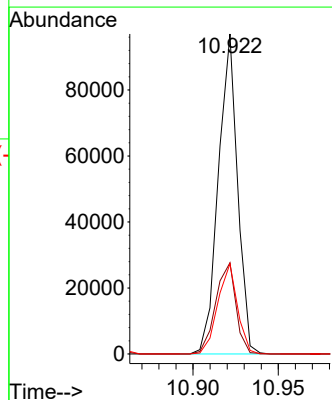
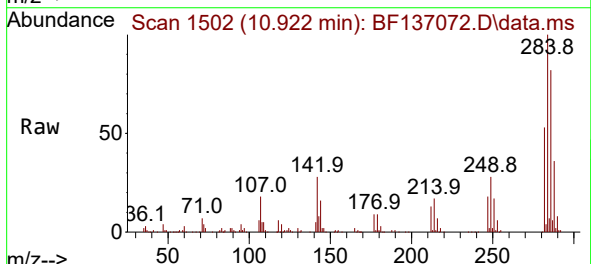
Instrument :
BNA_F
ClientSampleId :
MR-309-37-39MSD

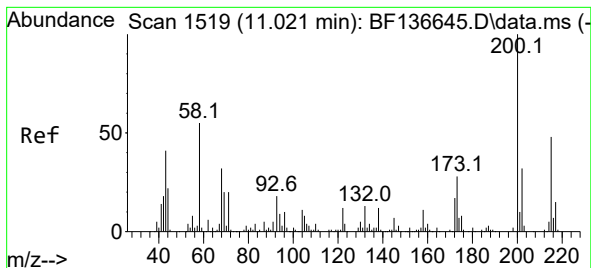
Tgt Ion:248 Resp: 69762
Ion Ratio Lower Upper
248 100
250 99.1 77.8 116.6
141 76.5 59.2 88.8



#68
Hexachlorobenzene
Concen: 42.240 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Tgt Ion:284 Resp: 76133
Ion Ratio Lower Upper
284 100
142 28.5 23.4 35.0
249 28.2 22.3 33.5





#69

Atrazine

Concen: 55.958 ng

RT: 11.016 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

MR-309-37-39MSD

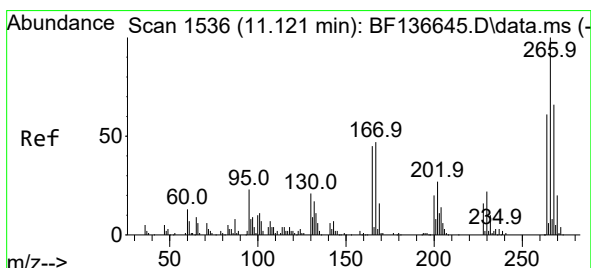
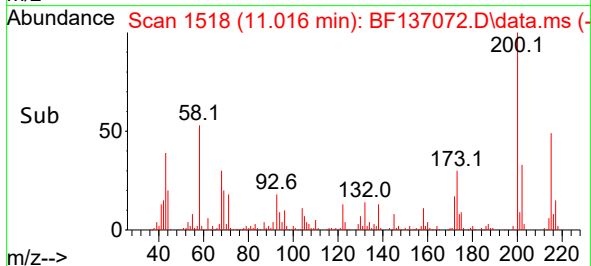
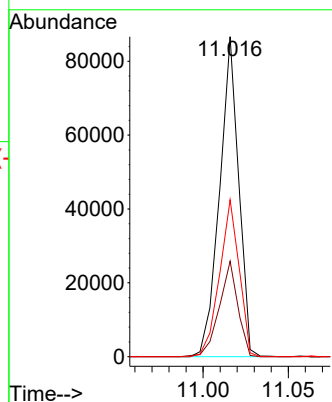
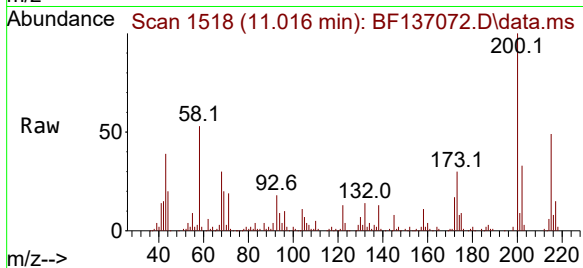
Tgt Ion:200 Resp: 67710

Ion Ratio Lower Upper

200 100

173 29.9 7.6 47.6

215 49.0 28.3 68.3



#70

Pentachlorophenol

Concen: 71.956 ng

RT: 11.128 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

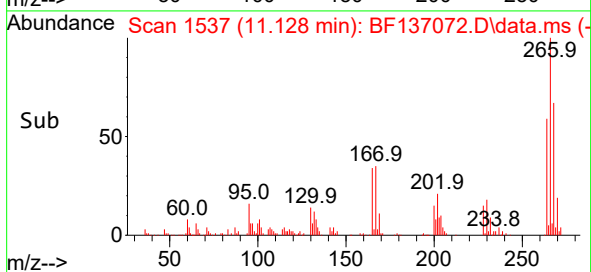
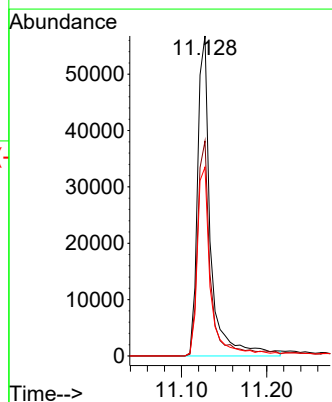
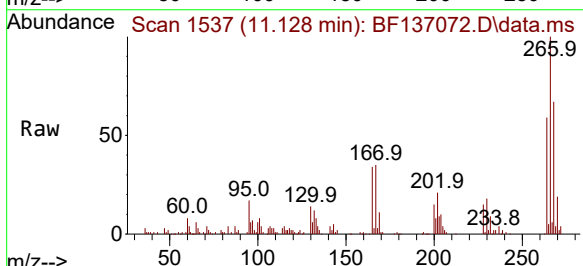
Tgt Ion:266 Resp: 60452

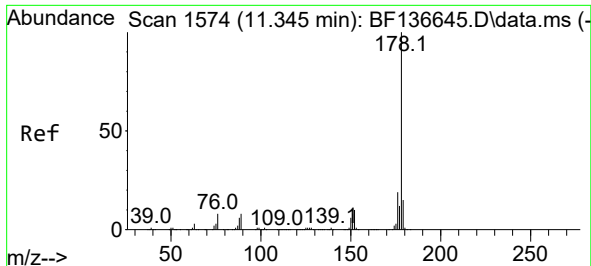
Ion Ratio Lower Upper

266 100

268 67.2 52.6 78.8

264 59.0 49.0 73.4

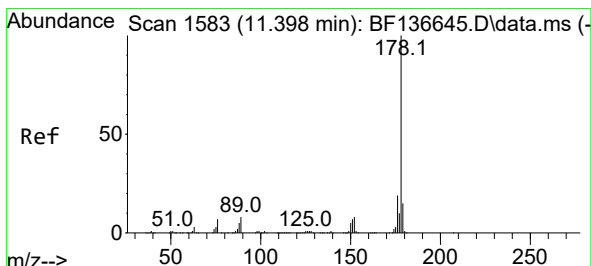
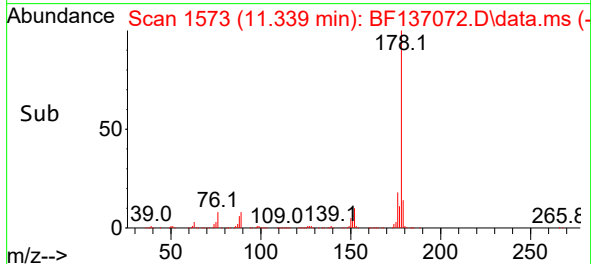
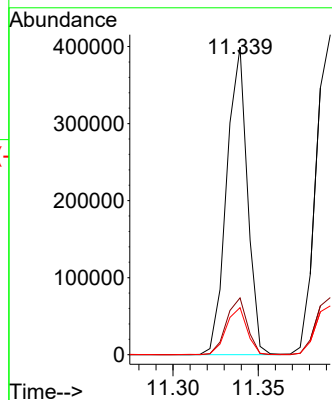
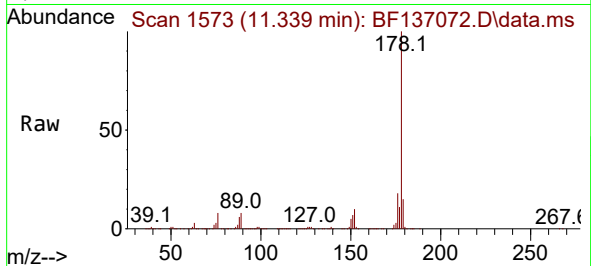




#71
Phenanthrene
Concen: 45.087 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

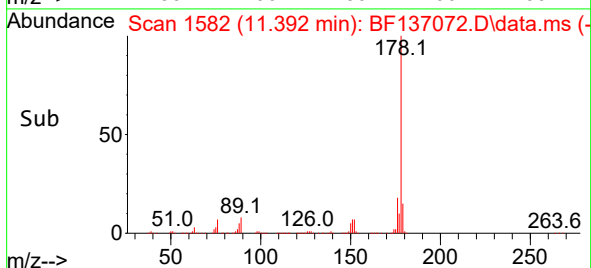
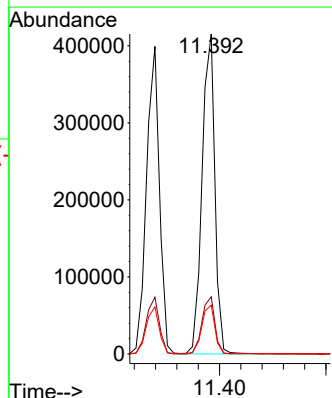
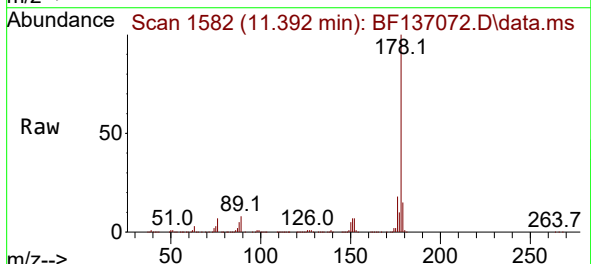
Instrument :
BNA_F
ClientSampleId :
MR-309-37-39MSD

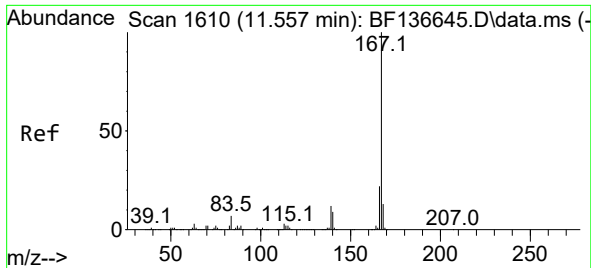
Tgt Ion:178 Resp: 336912
Ion Ratio Lower Upper
178 100
176 18.5 15.3 22.9
179 15.3 11.9 17.9



#72
Anthracene
Concen: 45.746 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Tgt Ion:178 Resp: 346189
Ion Ratio Lower Upper
178 100
176 17.9 14.9 22.3
179 15.3 11.8 17.6

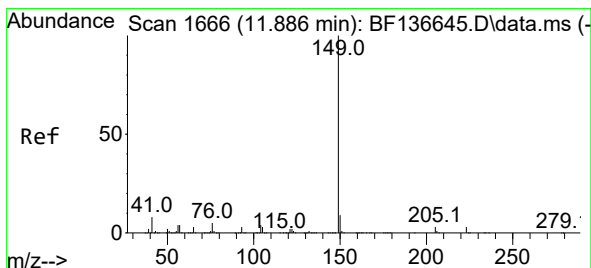
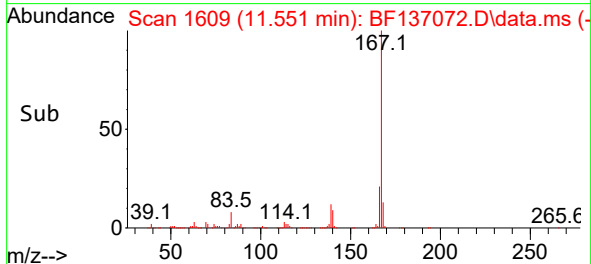
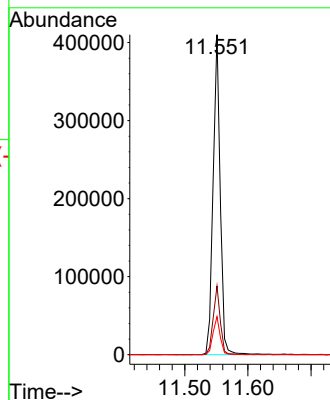
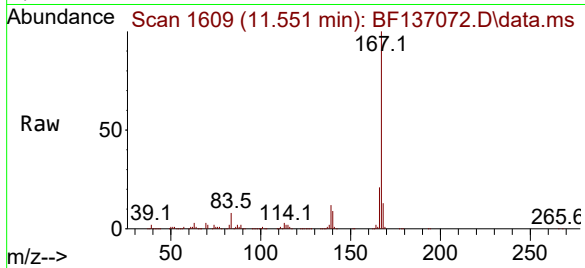




#73
 Carbazole
 Concen: 45.231 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF137072.D
 Acq: 15 Jan 2024 19:36

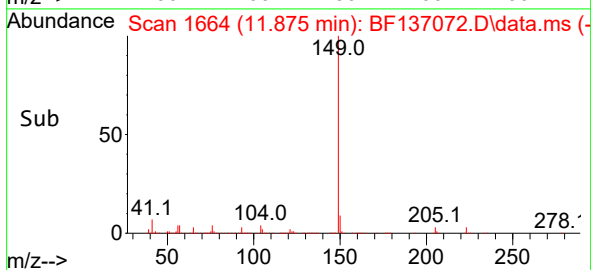
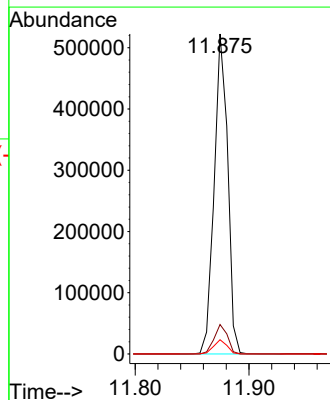
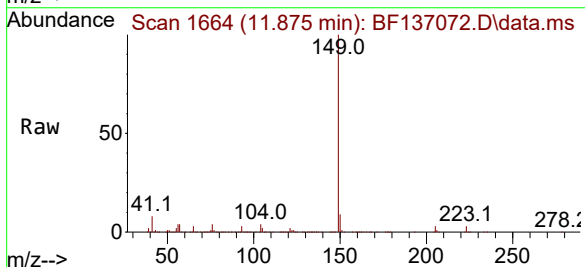
Instrument :
 BNA_F
 ClientSampleId :
 MR-309-37-39MSD

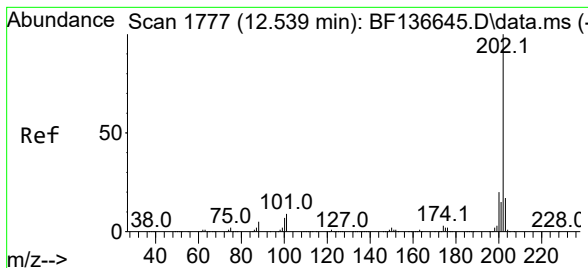
Tgt Ion:167	Resp: 322721
Ion Ratio	Lower Upper
167 100	
166 21.5	17.3 25.9
139 11.9	9.8 14.6



#74
 Di-n-butylphthalate
 Concen: 49.544 ng
 RT: 11.875 min Scan# 1664
 Delta R.T. -0.012 min
 Lab File: BF137072.D
 Acq: 15 Jan 2024 19:36

Tgt Ion:149	Resp: 431348
Ion Ratio	Lower Upper
149 100	
150 9.2	7.4 11.2
104 4.5	3.6 5.4





#75

Fluoranthene

Concen: 50.825 ng

RT: 12.533 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

MR-309-37-39MSD

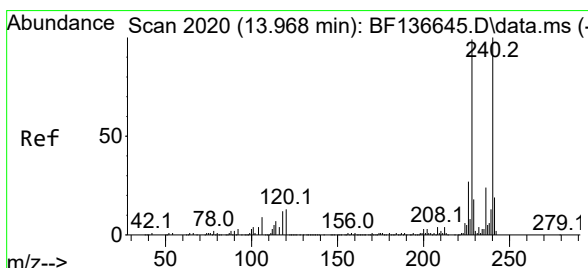
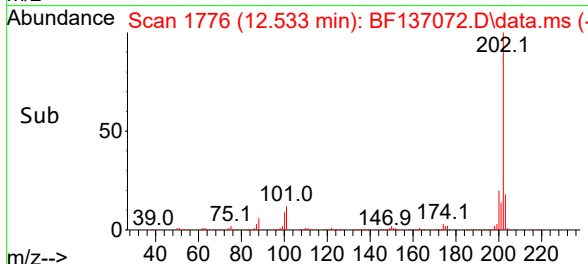
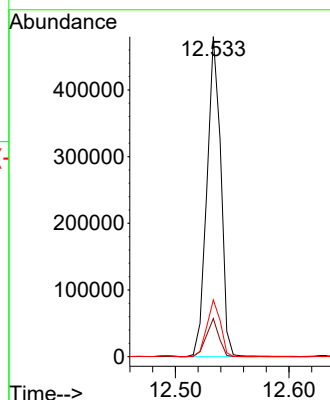
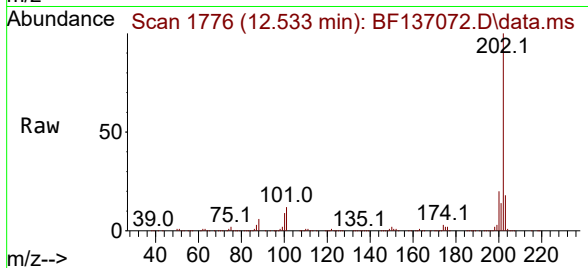
Tgt Ion:202 Resp: 406243

Ion Ratio Lower Upper

202 100

101 11.9 0.0 29.3

203 17.8 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.006 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

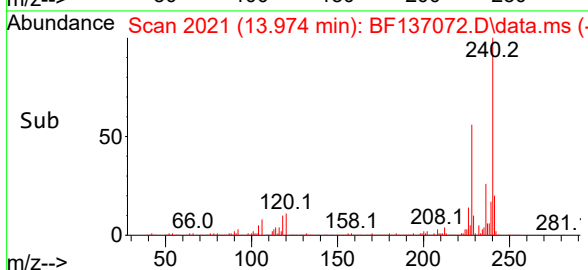
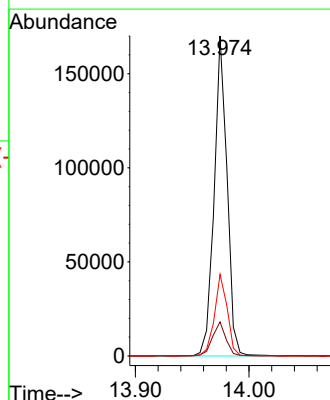
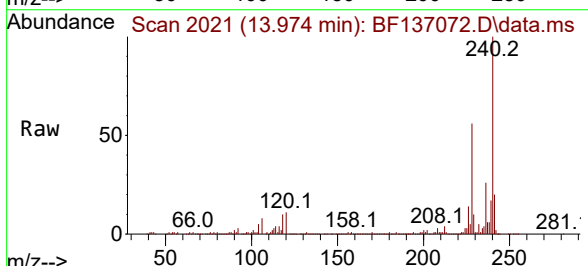
Tgt Ion:240 Resp: 133901

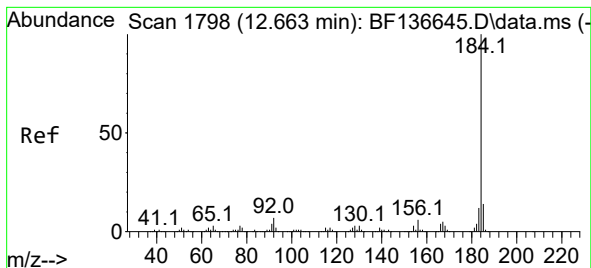
Ion Ratio Lower Upper

240 100

120 10.6 10.3 15.5

236 25.5 19.4 29.2





#77

Benzidine

Concen: 46.014 ng

RT: 12.663 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

MR-309-37-39MSD

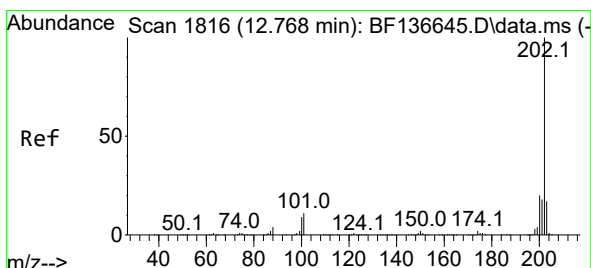
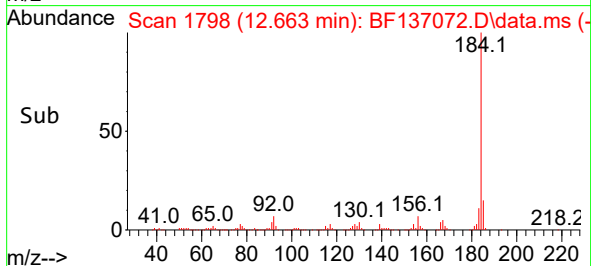
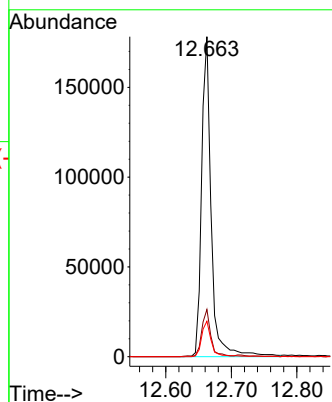
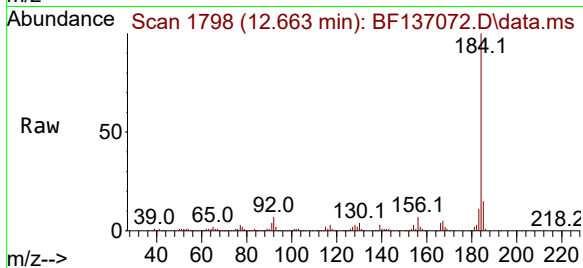
Tgt Ion:184 Resp: 181672

Ion Ratio Lower Upper

184 100

185 14.8 11.2 16.8

183 11.1 9.3 13.9



#78

Pyrene

Concen: 32.394 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

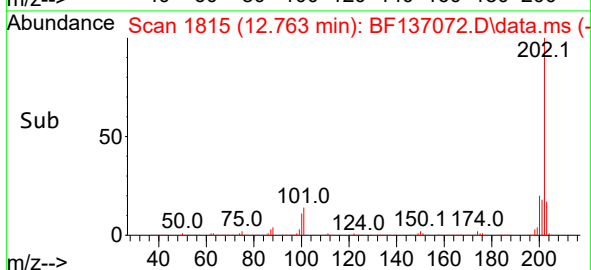
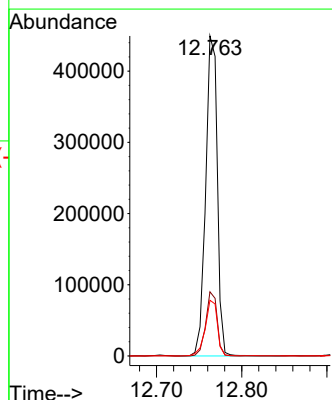
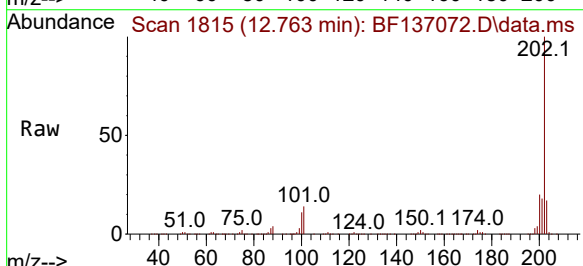
Tgt Ion:202 Resp: 425807

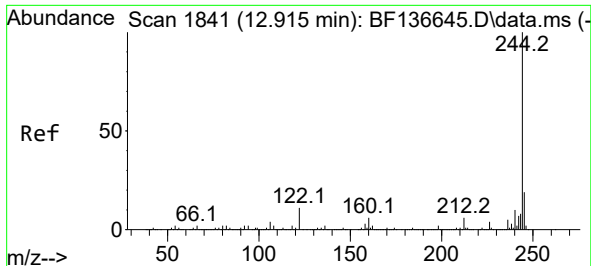
Ion Ratio Lower Upper

202 100

200 20.1 15.9 23.9

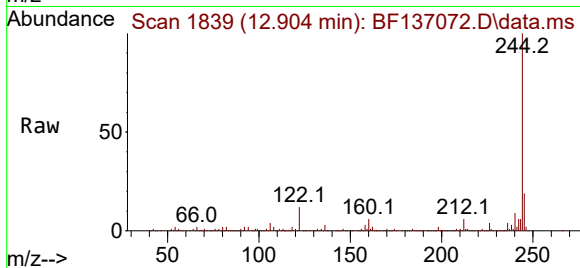
203 17.4 13.8 20.6



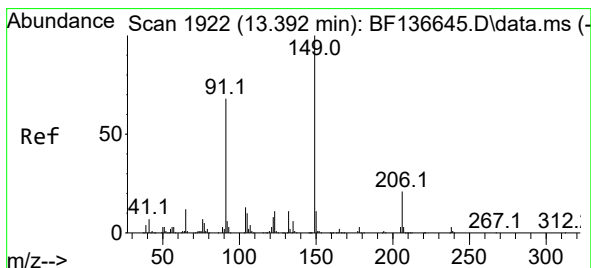
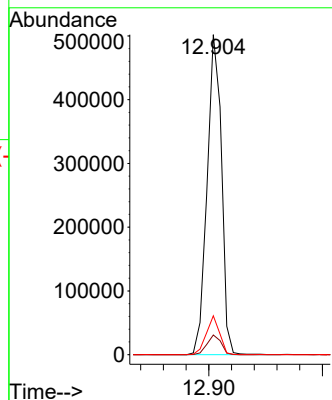
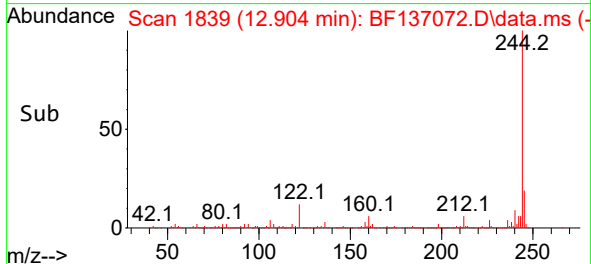


#79
Terphenyl-d14
Concen: 45.849 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Instrument :
BNA_F
ClientSampleId :
MR-309-37-39MSD

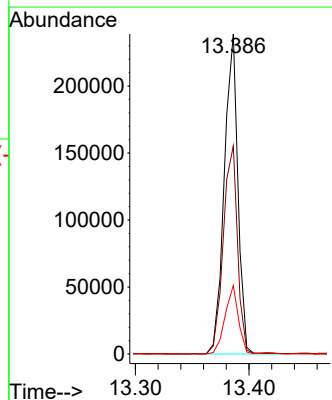
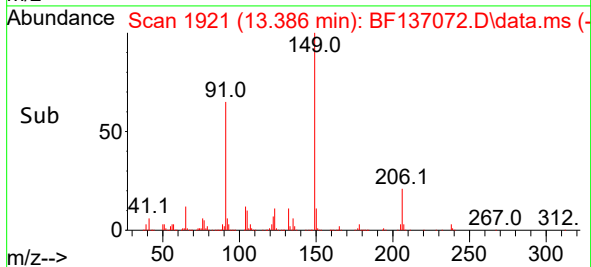
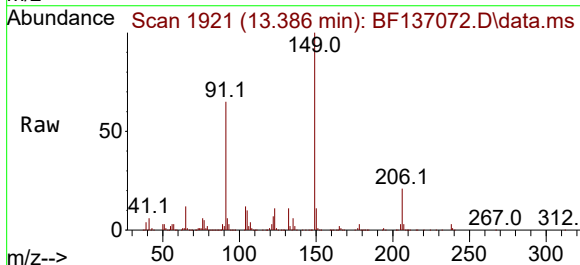


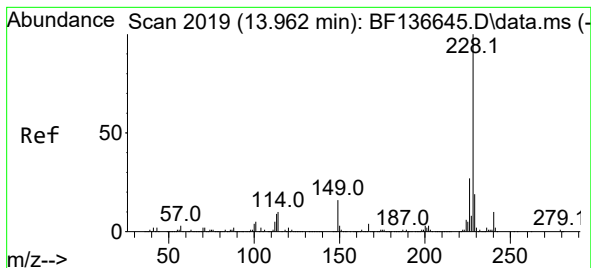
Tgt Ion:244 Resp: 439314
Ion Ratio Lower Upper
244 100
212 6.1 5.0 7.4
122 12.1 9.0 13.4



#80
Butylbenzylphthalate
Concen: 41.714 ng
RT: 13.386 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Tgt Ion:149 Resp: 199516
Ion Ratio Lower Upper
149 100
91 65.0 54.1 81.1
206 21.4 17.1 25.7





#81

Benzo(a)anthracene

Concen: 45.486 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

MR-309-37-39MSD

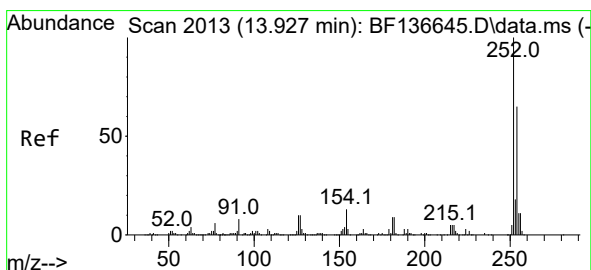
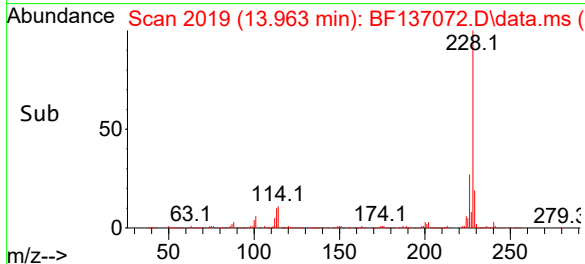
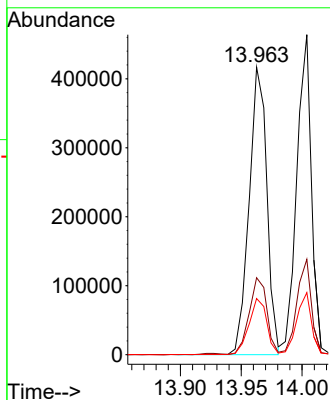
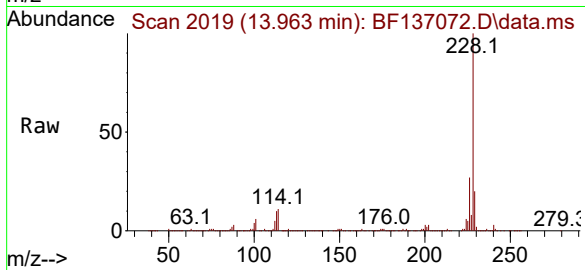
Tgt Ion:228 Resp: 422925

Ion Ratio Lower Upper

228 100

226 26.8 21.4 32.0

229 19.5 14.9 22.3



#82

3,3'-Dichlorobenzidine

Concen: 42.767 ng

RT: 13.927 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

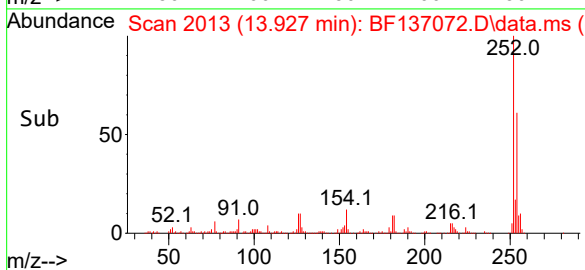
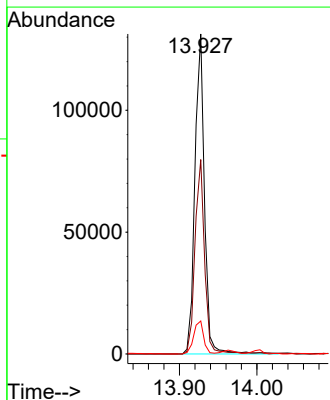
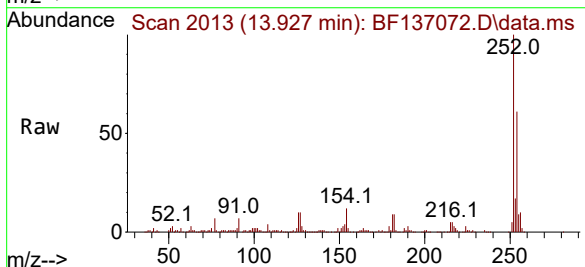
Tgt Ion:252 Resp: 112929

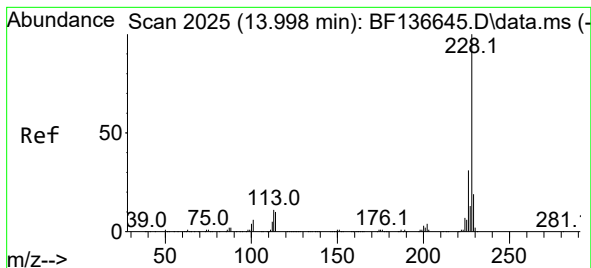
Ion Ratio Lower Upper

252 100

254 60.8 52.2 78.4

126 10.3 8.0 12.0





#83

Chrysene

Concen: 42.932 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

MR-309-37-39MSD

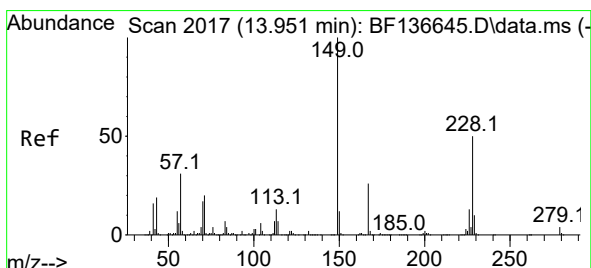
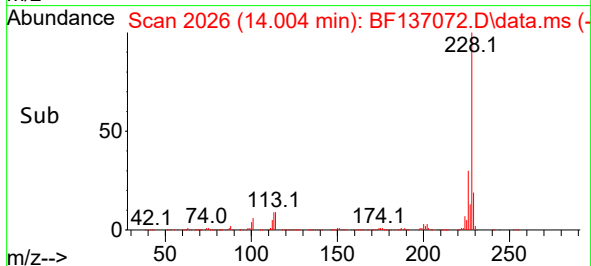
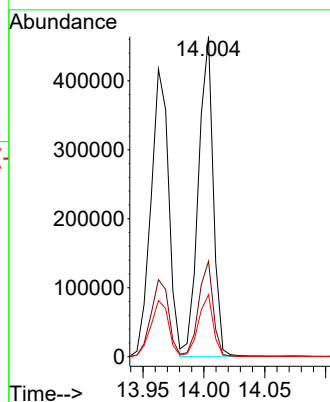
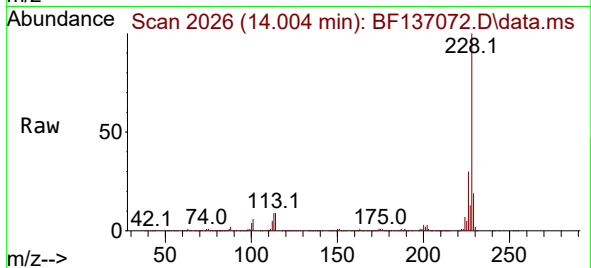
Tgt Ion:228 Resp: 390358

Ion Ratio Lower Upper

228 100

226 29.8 24.7 37.1

229 19.4 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.632 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

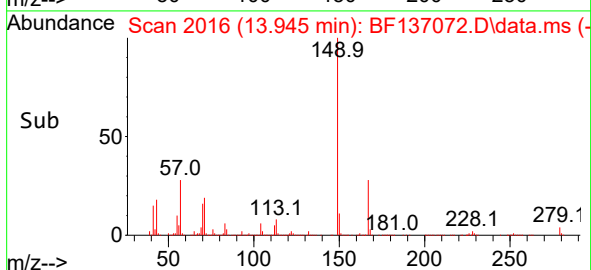
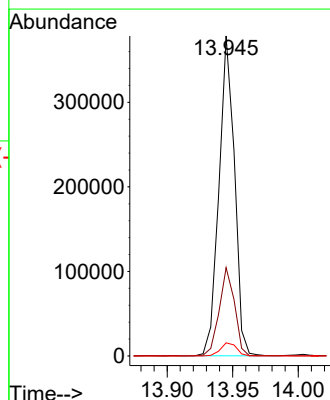
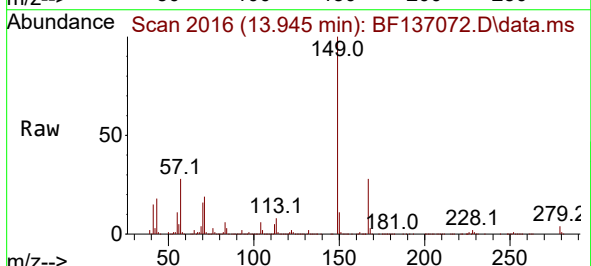
Tgt Ion:149 Resp: 310711

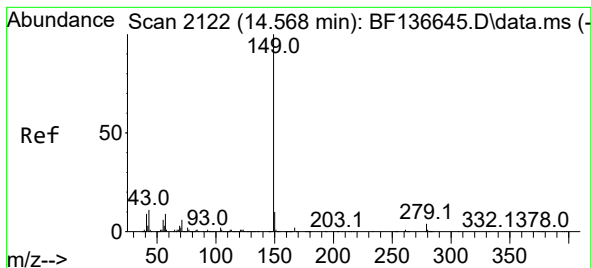
Ion Ratio Lower Upper

149 100

167 27.6 20.9 31.3

279 4.1 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 59.794 ng

RT: 14.563 min Scan# 2122

Delta R.T. -0.006 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

MR-309-37-39MSD

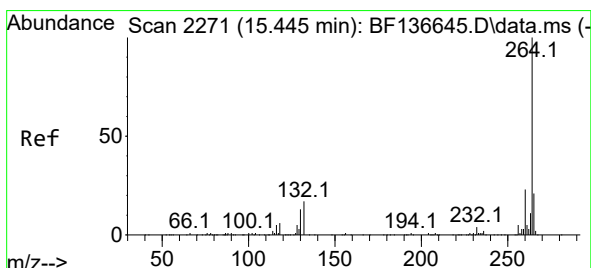
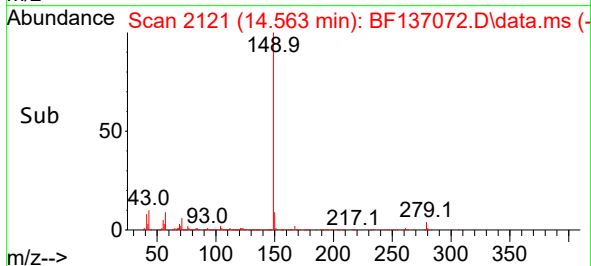
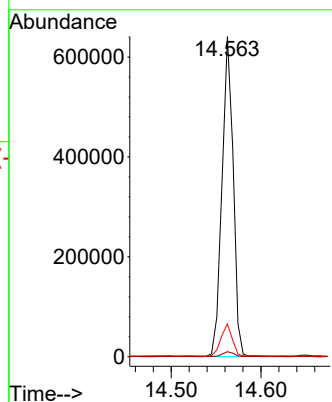
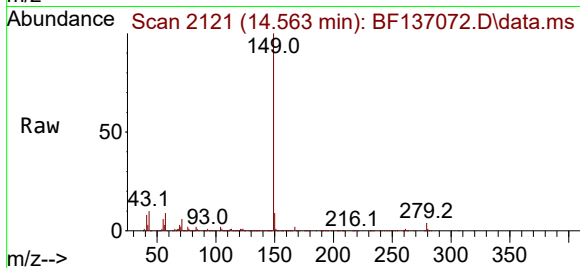
Tgt Ion:149 Resp: 556606

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 9.9 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2274

Delta R.T. 0.018 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

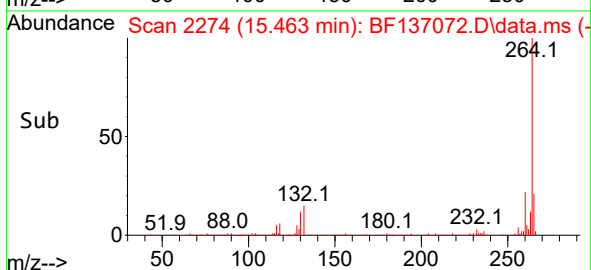
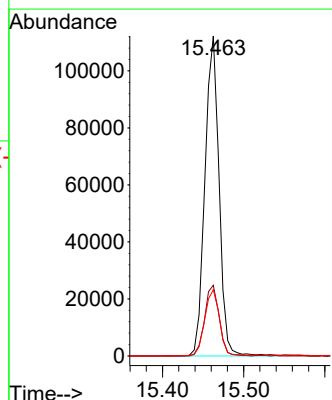
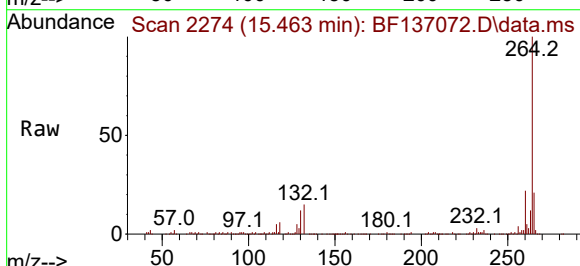
Tgt Ion:264 Resp: 135390

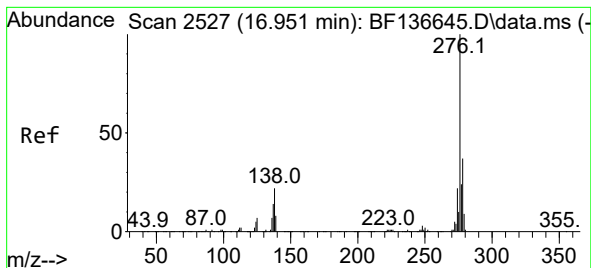
Ion Ratio Lower Upper

264 100

260 22.1 18.3 27.5

265 20.7 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 32.025 ng

RT: 16.992 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

MR-309-37-39MSD

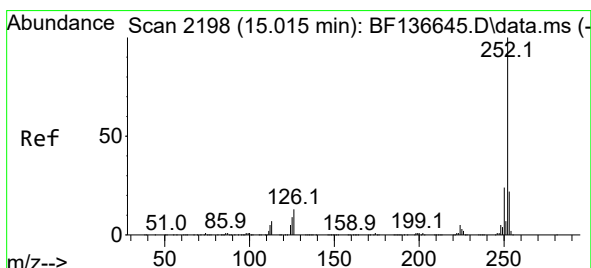
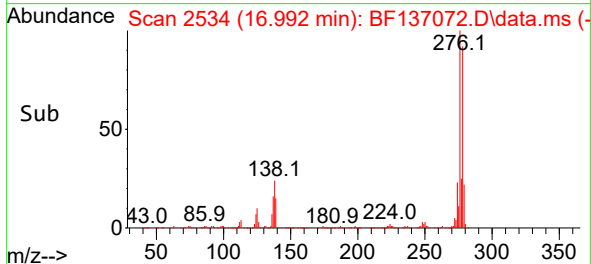
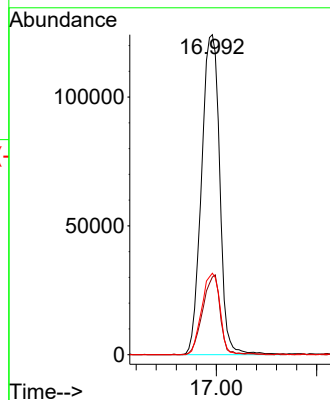
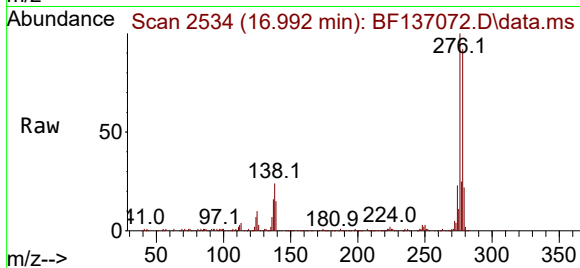
Tgt Ion:276 Resp: 313059

Ion Ratio Lower Upper

276 100

138 23.8 18.7 28.1

277 25.4 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 43.223 ng

RT: 15.027 min Scan# 2200

Delta R.T. 0.012 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

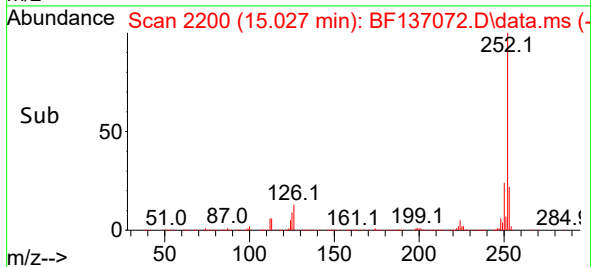
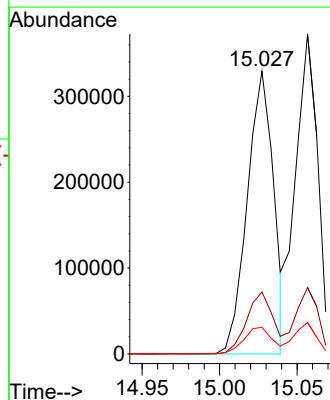
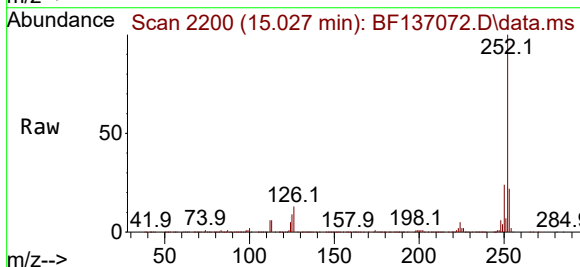
Tgt Ion:252 Resp: 390853

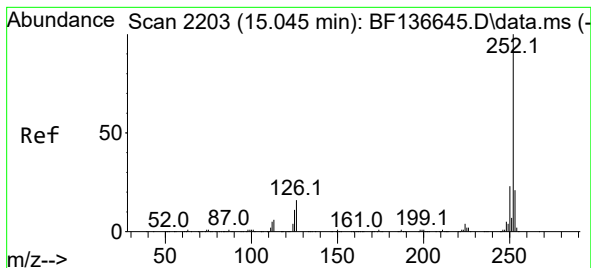
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 9.5 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 43.637 ng

RT: 15.057 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

MR-309-37-39MSD

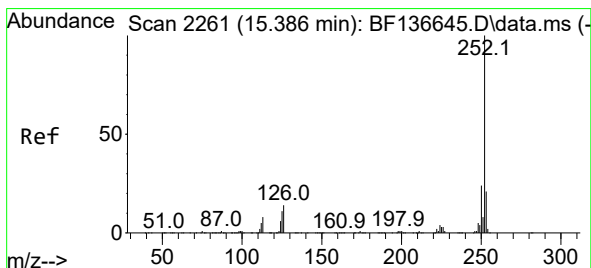
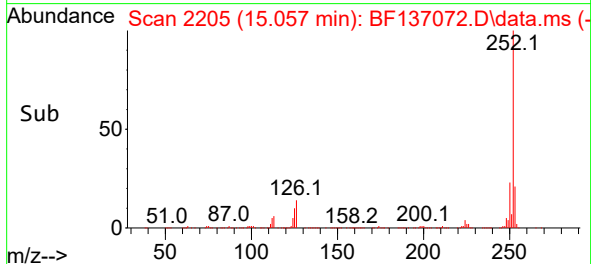
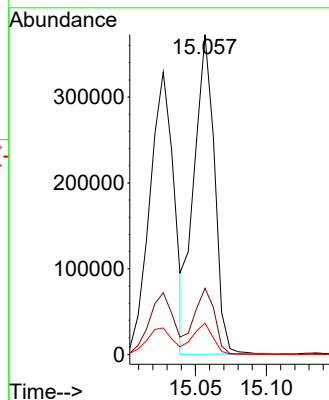
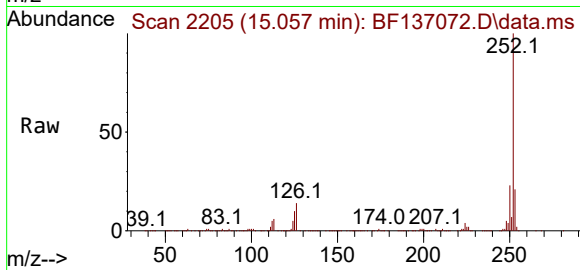
Tgt Ion:252 Resp: 372859

Ion Ratio Lower Upper

252 100

253 20.8 17.0 25.6

125 9.9 8.2 12.4



#90

Benzo(a)pyrene

Concen: 42.317 ng

RT: 15.404 min Scan# 2264

Delta R.T. 0.018 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

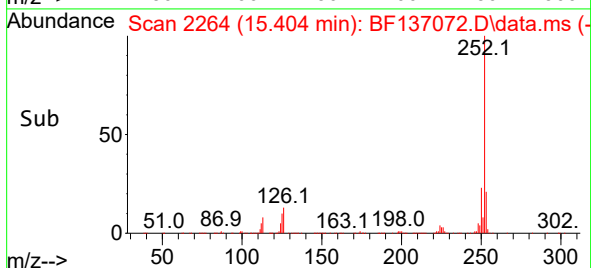
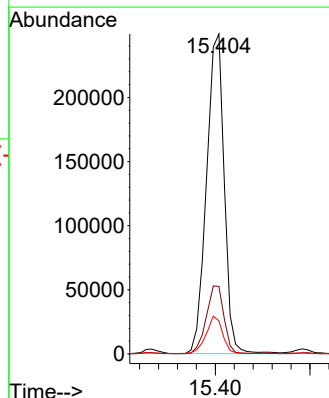
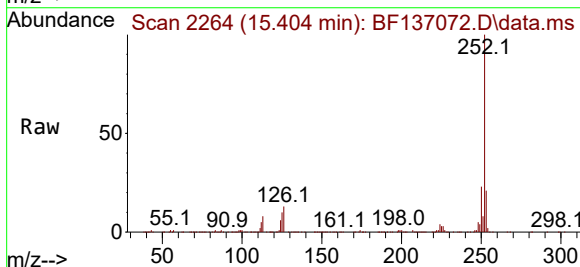
Tgt Ion:252 Resp: 323012

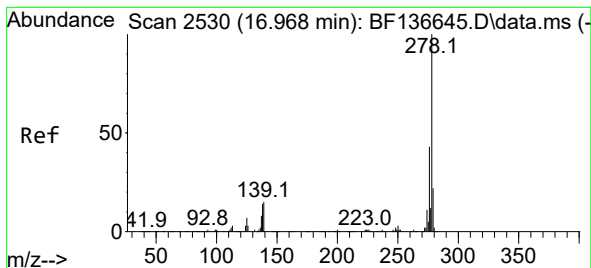
Ion Ratio Lower Upper

252 100

253 21.1 17.0 25.6

125 10.3 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 33.095 ng

RT: 17.004 min Scan# 21

Delta R.T. 0.036 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

MR-309-37-39MSD

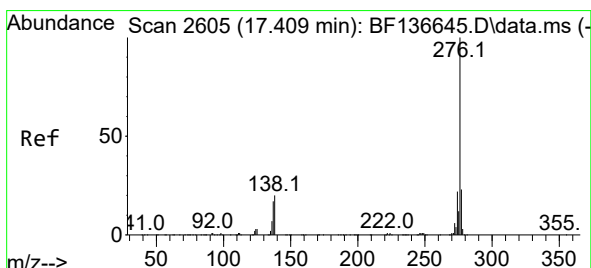
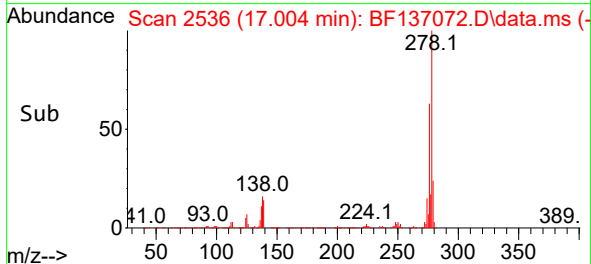
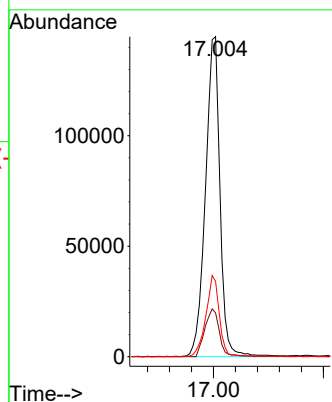
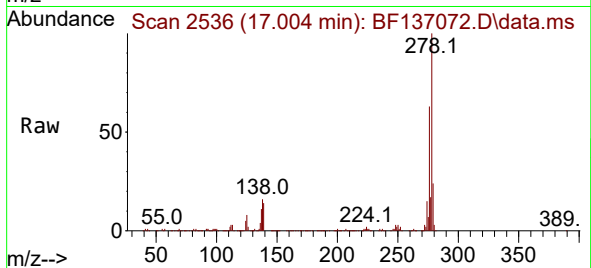
Tgt Ion:278 Resp: 265408

Ion Ratio Lower Upper

278 100

139 13.7 12.2 18.4

279 23.5 17.8 26.6



#92

Benzo(g,h,i)perylene

Concen: 28.521 ng

RT: 17.445 min Scan# 2611

Delta R.T. 0.035 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

Tgt Ion:276 Resp: 234264

Ion Ratio Lower Upper

276 100

277 22.5 18.3 27.5

138 19.3 15.6 23.4

