

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031524\
 Data File : BF137613.D
 Acq On : 15 Mar 2024 17:02
 Operator : CG\JU
 Sample : PB159613BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159613BSD

Quant Time: Mar 15 17:31:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	177128	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	685431	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	367798	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	614466	20.000	ng	0.00
76) Chrysene-d12	13.880	240	368786	20.000	ng	0.00
86) Perylene-d12	15.298	264	320365	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	983725	84.114	ng	0.01
7) Phenol-d6	6.369	99	1322552	78.343	ng	0.00
23) Nitrobenzene-d5	7.298	82	1145949	77.682	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	281537	87.166	ng	0.00
45) 2-Fluorobiphenyl	9.087	172	1866014	79.418	ng	0.00
79) Terphenyl-d14	12.827	244	1965064	73.272	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.458	88	218717	34.203	ng	98
3) Pyridine	3.158	79	501996	32.549	ng	97
4) n-Nitrosodimethylamine	3.128	42	234254	38.329	ng	95
6) Aniline	6.393	93	420678	20.394	ng	97
8) 2-Chlorophenol	6.510	128	535564	43.417	ng	96
9) Benzaldehyde	6.275	77	117699	14.231	ng	99
10) Phenol	6.381	94	734682	40.433	ng	98
11) bis(2-Chloroethyl)ether	6.469	93	557105	41.840	ng	96
12) 1,3-Dichlorobenzene	6.663	146	568620	43.139	ng	99
13) 1,4-Dichlorobenzene	6.746	146	572560	42.454	ng	99
14) 1,2-Dichlorobenzene	6.893	146	543169	43.879	ng	99
15) Benzyl Alcohol	6.875	79	456426	43.429	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.004	45	868103	37.929	ng	97
17) 2-Methylphenol	6.993	107	434207	37.618	ng	96
18) Hexachloroethane	7.234	117	199481	44.921	ng	95
19) n-Nitroso-di-n-propyla...	7.145	70	401136	38.480	ng	100
20) 3+4-Methylphenols	7.145	107	513738	38.862	ng	93
22) Acetophenone	7.140	105	721068	43.479	ng	# 97
24) Nitrobenzene	7.316	77	607968	41.026	ng	95
25) Isophorone	7.551	82	1130268	40.329	ng	99
26) 2-Nitrophenol	7.628	139	272974	46.398	ng	98
27) 2,4-Dimethylphenol	7.669	122	379404	34.513	ng	99
28) bis(2-Chloroethoxy)met...	7.763	93	681016	41.415	ng	99
29) 2,4-Dichlorophenol	7.869	162	436012	43.215	ng	99
30) 1,2,4-Trichlorobenzene	7.951	180	470267	44.292	ng	99
31) Naphthalene	8.034	128	1532682	41.676	ng	99
32) Benzoic acid	7.810	122	222951	36.894	ng	94
33) 4-Chloroaniline	8.087	127	153512	10.645	ng	97
34) Hexachlorobutadiene	8.145	225	271423	43.301	ng	99
35) Caprolactam	8.457	113	139233m	40.698	ng	
36) 4-Chloro-3-methylphenol	8.575	107	470919	41.757	ng	97
37) 2-Methylnaphthalene	8.722	142	951497	40.585	ng	100
38) 1-Methylnaphthalene	8.822	142	868297	39.328	ng	100
40) 1,2,4,5-Tetrachloroben...	8.887	216	454517	44.265	ng	99
41) Hexachlorocyclopentadiene	8.875	237	373005	88.087	ng	98
43) 2,4,6-Trichlorophenol	9.004	196	299826	44.840	ng	99

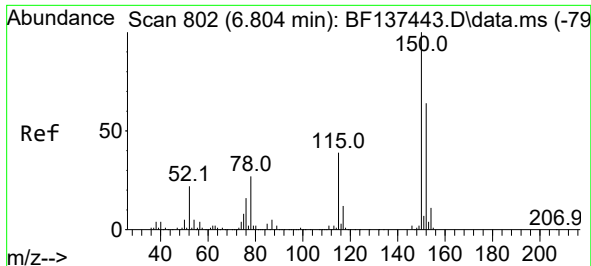
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 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	318434	41.341	ng	97
46) 1,1'-Biphenyl	9.187	154	1149175	42.689	ng	98
47) 2-Chloronaphthalene	9.210	162	895177	43.616	ng	99
48) 2-Nitroaniline	9.310	65	312118	44.742	ng	94
49) Acenaphthylene	9.622	152	1434483	43.674	ng	99
50) Dimethylphthalate	9.492	163	1073034	41.910	ng	100
51) 2,6-Dinitrotoluene	9.557	165	236906	44.239	ng	# 85
52) Acenaphthene	9.798	154	801057	40.852	ng	99
53) 3-Nitroaniline	9.722	138	113663	20.066	ng	100
54) 2,4-Dinitrophenol	9.834	184	214961	82.063	ng	96
55) Dibenzofuran	9.969	168	1211173	40.554	ng	99
56) 4-Nitrophenol	9.892	139	314960	78.260	ng	98
57) 2,4-Dinitrotoluene	9.957	165	300938	45.741	ng	98
58) Fluorene	10.310	166	911016	39.719	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	264703	42.854	ng	95
60) Diethylphthalate	10.192	149	1021887	42.266	ng	99
61) 4-Chlorophenyl-phenyle...	10.304	204	448022	39.856	ng	96
62) 4-Nitroaniline	10.339	138	196911	40.447	ng	95
63) Azobenzene	10.463	77	1097286	39.414	ng	99
65) 4,6-Dinitro-2-methylph...	10.363	198	172114	50.257	ng	94
66) n-Nitrosodiphenylamine	10.428	169	834526	42.176	ng	100
67) 4-Bromophenyl-phenylether	10.792	248	290367	43.386	ng	99
68) Hexachlorobenzene	10.851	284	315595	46.688	ng	98
69) Atrazine	10.951	200	269068	44.732	ng	97
70) Pentachlorophenol	11.051	266	332299	81.319	ng	98
71) Phenanthrene	11.269	178	1369706	40.959	ng	99
72) Anthracene	11.322	178	1410556	41.070	ng	99
73) Carbazole	11.480	167	1267394	43.081	ng	98
74) Di-n-butylphthalate	11.810	149	1477415	42.209	ng	99
75) Fluoranthene	12.457	202	1375345	42.076	ng	96
77) Benzidine	12.586	184	289042	32.027	ng	98
78) Pyrene	12.680	202	1413949	39.074	ng	99
80) Butylbenzylphthalate	13.304	149	520002	56.268	ng	99
81) Benzo(a)anthracene	13.869	228	1094091	42.328	ng	100
82) 3,3'-Dichlorobenzidine	13.833	252	217356	31.577	ng	97
83) Chrysene	13.904	228	1128419	43.194	ng	99
84) Bis(2-ethylhexyl)phtha...	13.863	149	650352	55.367	ng	99
85) Di-n-octyl phthalate	14.474	149	1096493	48.385	ng	97
87) Indeno(1,2,3-cd)pyrene	16.686	276	915313	43.416	ng	97
88) Benzo(b)fluoranthene	14.892	252	945152	49.874	ng	99
89) Benzo(k)fluoranthene	14.921	252	848549	41.687	ng	99
90) Benzo(a)pyrene	15.239	252	824227	44.135	ng	99
91) Dibenzo(a,h)anthracene	16.704	278	714794	41.796	ng	98
92) Benzo(g,h,i)perylene	17.110	276	730592	41.597	ng	97

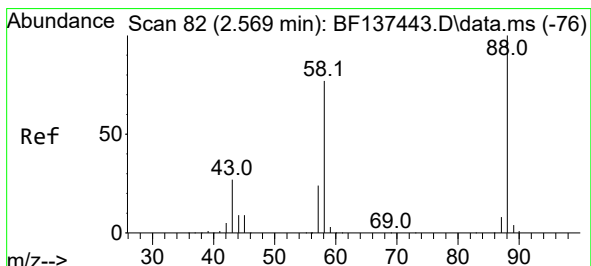
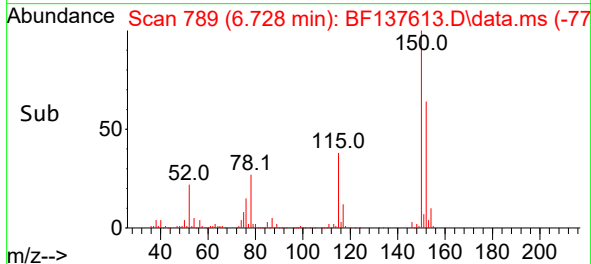
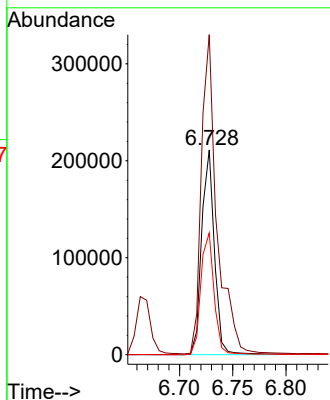
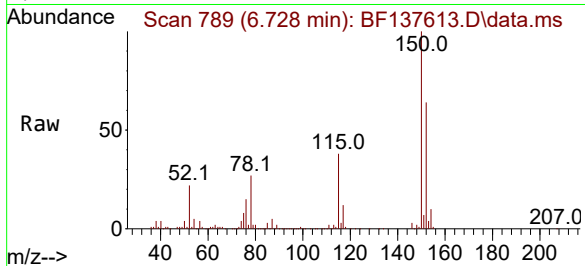
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF137613.D
 Acq: 15 Mar 2024 17:02

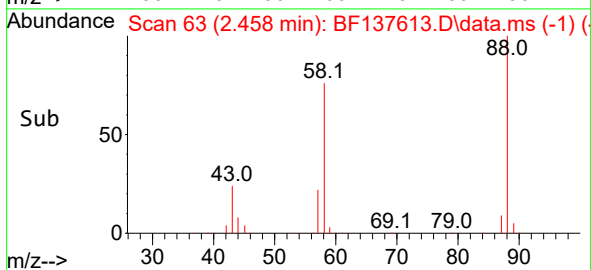
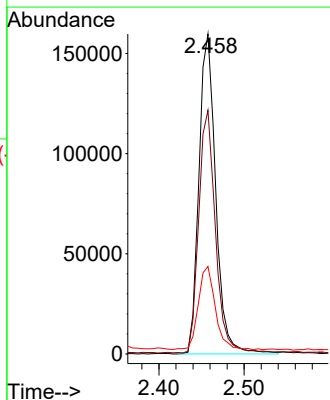
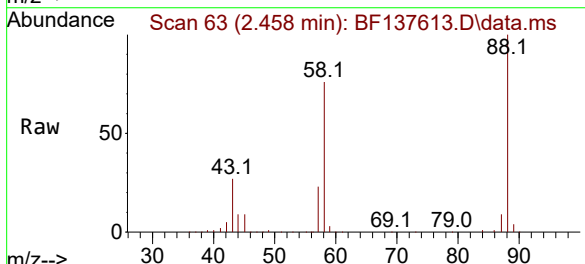
Instrument :
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 ClientSampleId :
 PB159613BSD

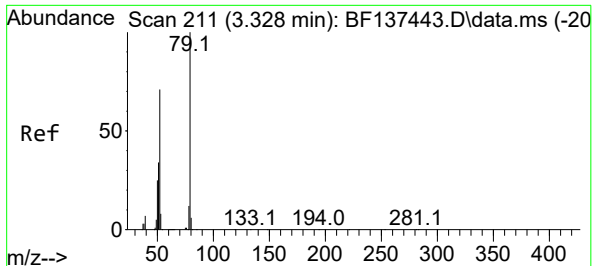
Tgt Ion:152 Resp: 177128
 Ion Ratio Lower Upper
 152 100
 150 156.3 125.8 188.6
 115 59.5 48.8 73.2



#2
 1,4-Dioxane
 Concen: 34.203 ng
 RT: 2.458 min Scan# 63
 Delta R.T. 0.088 min
 Lab File: BF137613.D
 Acq: 15 Mar 2024 17:02

Tgt Ion: 88 Resp: 218717
 Ion Ratio Lower Upper
 88 100
 58 75.3 61.8 92.8
 43 26.3 22.2 33.4

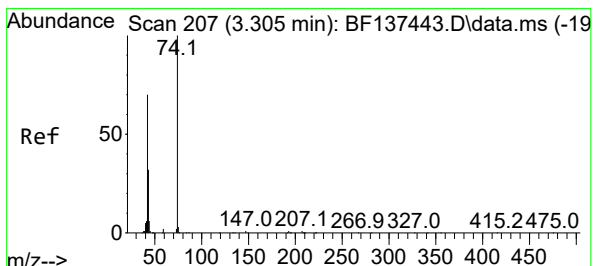
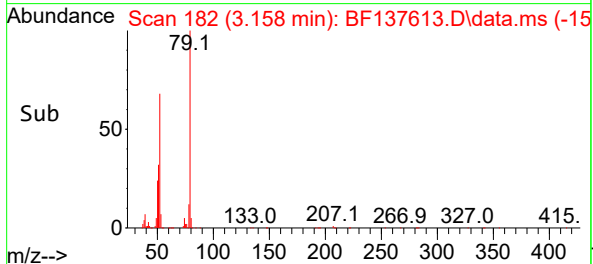
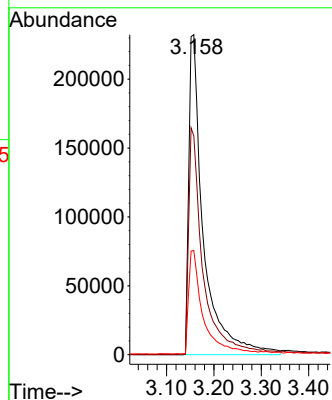
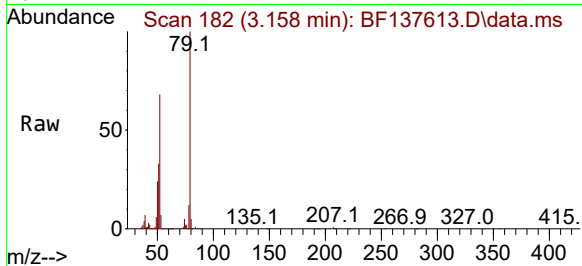




#3
Pyridine
Concen: 32.549 ng
RT: 3.158 min Scan# 11
Delta R.T. 0.088 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

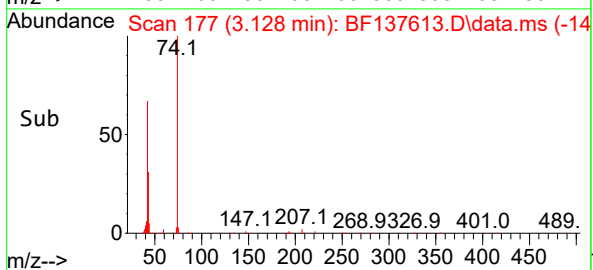
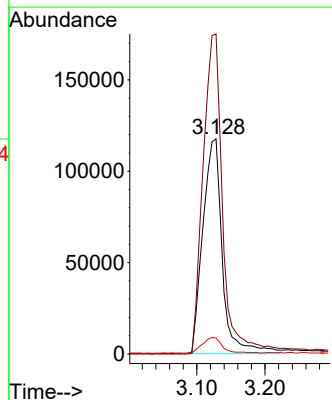
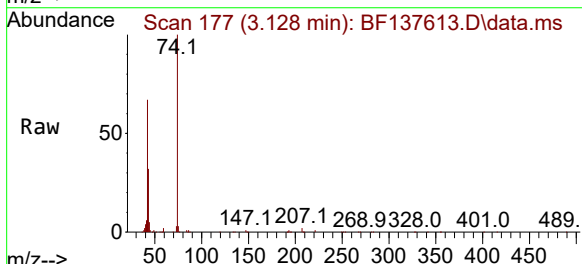
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ClientSampleId :
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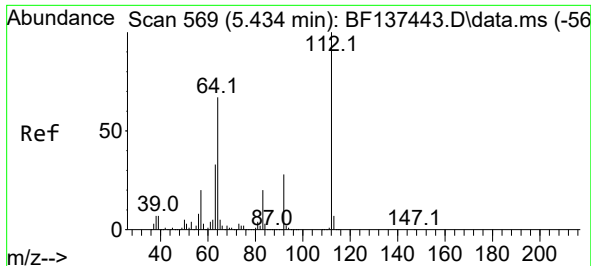
Tgt Ion: 79 Resp: 501996
Ion Ratio Lower Upper
79 100
52 68.3 57.0 85.4
51 32.6 27.5 41.3



#4
n-Nitrosodimethylamine
Concen: 38.329 ng
RT: 3.128 min Scan# 177
Delta R.T. 0.088 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

Tgt Ion: 42 Resp: 234254
Ion Ratio Lower Upper
42 100
74 148.8 114.0 171.0
44 7.4 7.0 10.4

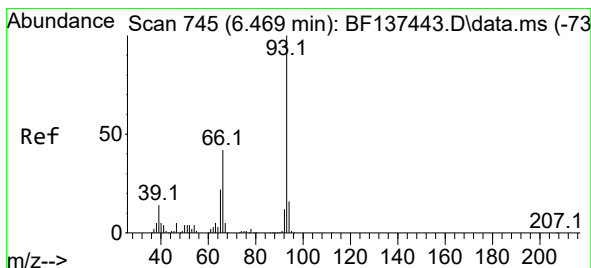
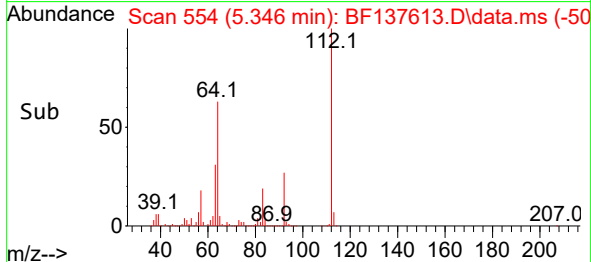
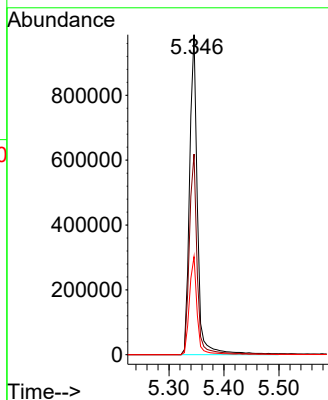
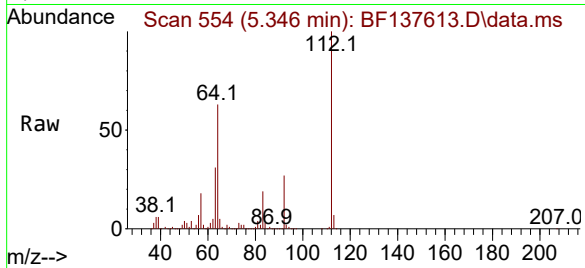




#5
2-Fluorophenol
Concen: 84.114 ng
RT: 5.346 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

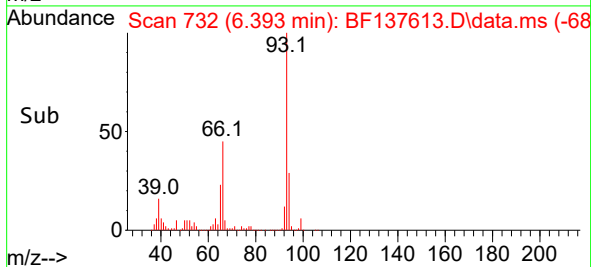
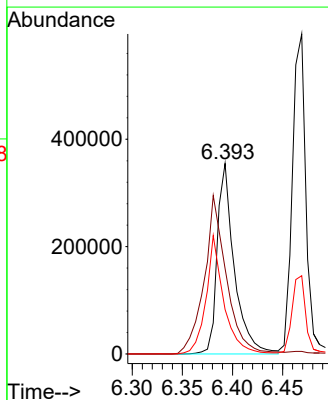
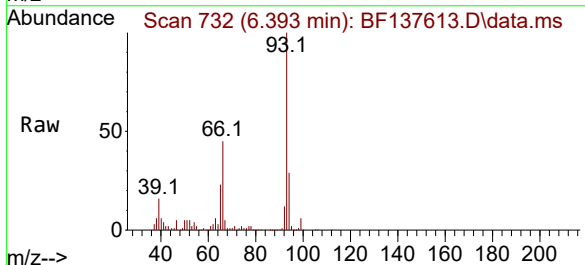
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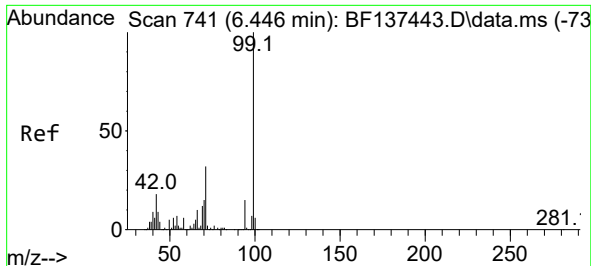
Tgt Ion:112 Resp: 983725
Ion Ratio Lower Upper
112 100
64 62.7 53.4 80.2
63 30.7 26.2 39.2



#6
Aniline
Concen: 20.394 ng
RT: 6.393 min Scan# 732
Delta R.T. 0.000 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

Tgt Ion: 93 Resp: 420678
Ion Ratio Lower Upper
93 100
66 44.9 34.0 51.0
65 23.4 17.8 26.8

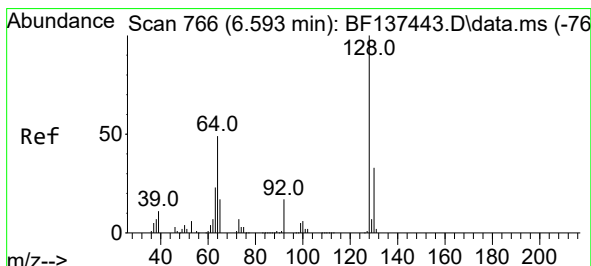
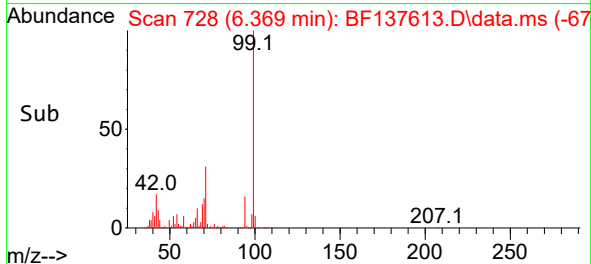
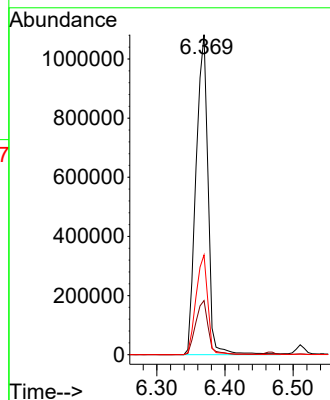
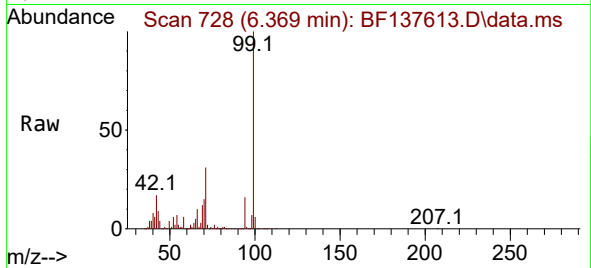




#7
Phenol-d6
Concen: 78.343 ng
RT: 6.369 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

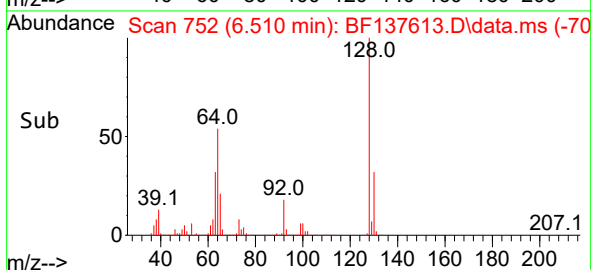
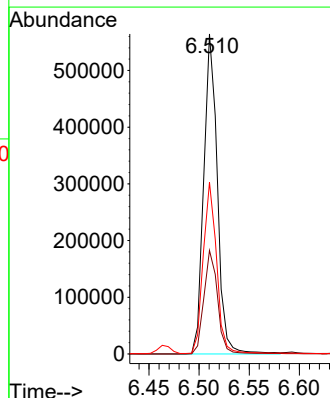
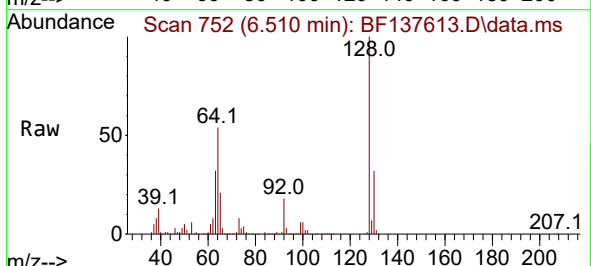
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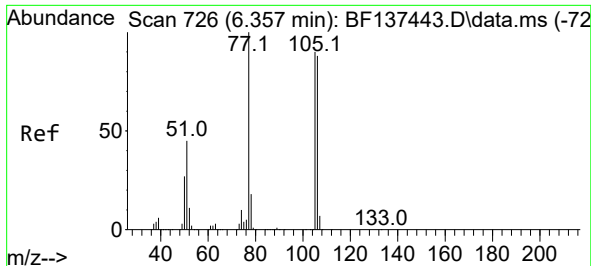
Tgt Ion: 99 Resp: 1322552
Ion Ratio Lower Upper
99 100
42 16.9 14.6 21.8
71 31.2 25.3 37.9



#8
2-Chlorophenol
Concen: 43.417 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

Tgt Ion:128 Resp: 535564
Ion Ratio Lower Upper
128 100
130 32.3 13.4 53.4
64 53.7 30.0 70.0





#9

Benzaldehyde

Concen: 14.231 ng

RT: 6.275 min Scan# 712

Delta R.T. -0.006 min

Lab File: BF137613.D

Acq: 15 Mar 2024 17:02

Instrument :

BNA_F

ClientSampleId :

PB159613BSD

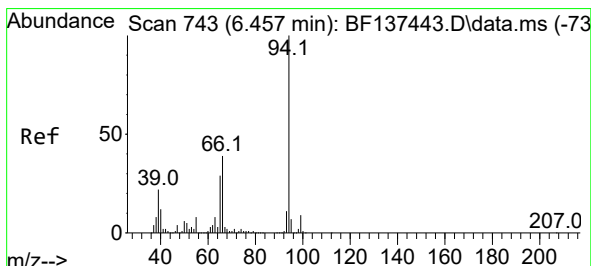
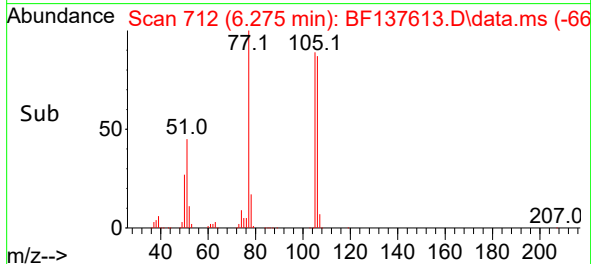
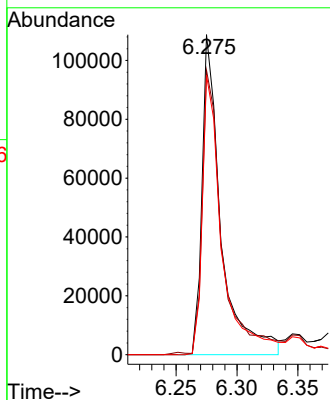
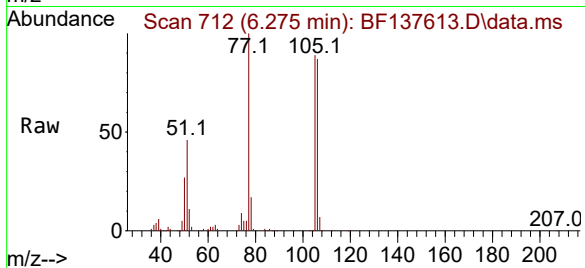
Tgt Ion: 77 Resp: 117699

Ion Ratio Lower Upper

77 100

105 88.8 69.8 109.8

106 87.3 67.8 107.8



#10

Phenol

Concen: 40.433 ng

RT: 6.381 min Scan# 730

Delta R.T. 0.000 min

Lab File: BF137613.D

Acq: 15 Mar 2024 17:02

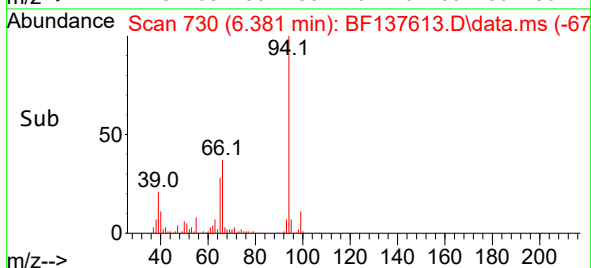
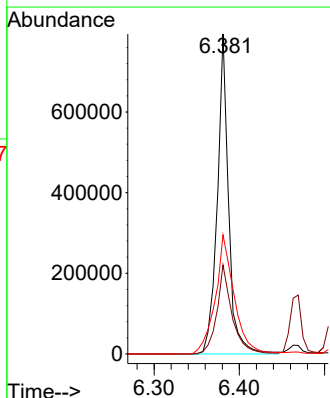
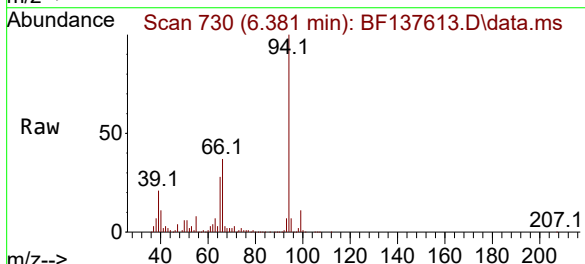
Tgt Ion: 94 Resp: 734682

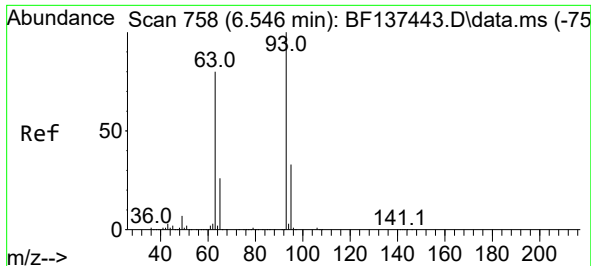
Ion Ratio Lower Upper

94 100

65 27.8 8.7 48.7

66 37.2 18.6 58.6

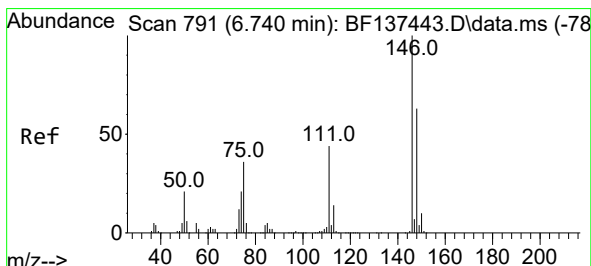
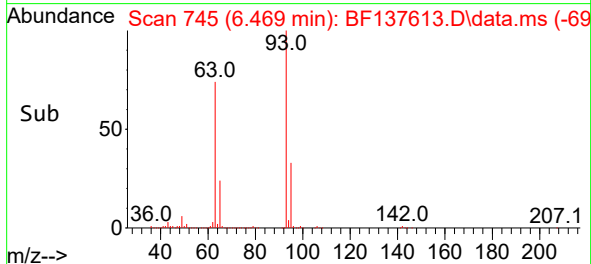
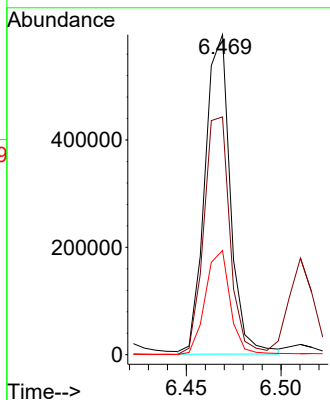
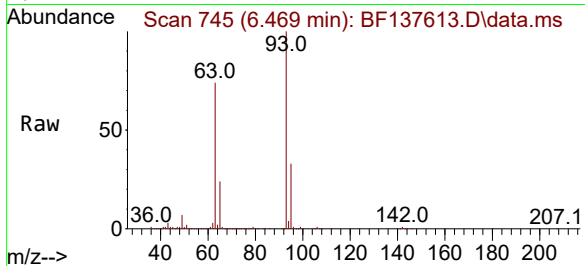




#11
bis(2-Chloroethyl)ether
Concen: 41.840 ng
RT: 6.469 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

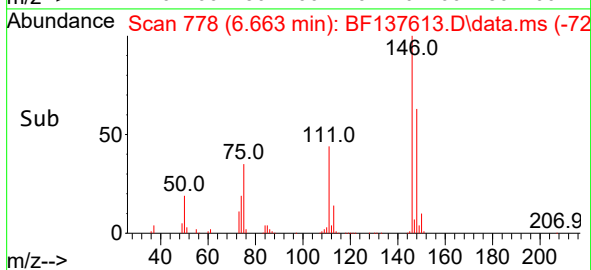
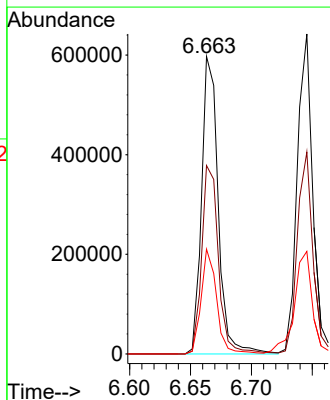
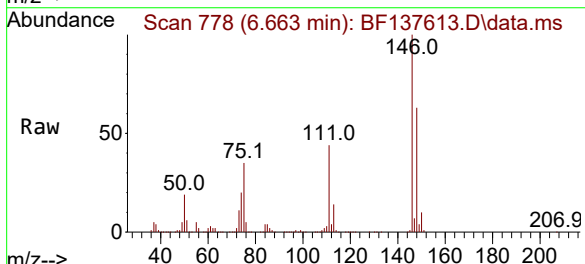
Instrument :
BNA_F
ClientSampleId :
PB159613BSD

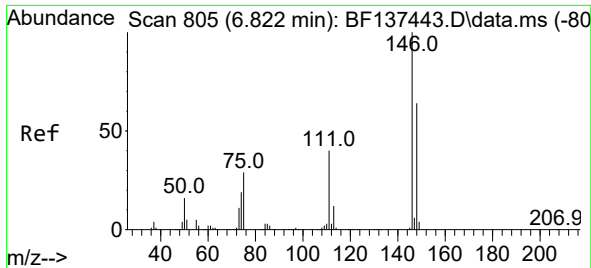
Tgt Ion: 93 Resp: 557105
Ion Ratio Lower Upper
93 100
63 74.3 58.9 98.9
95 32.6 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 43.139 ng
RT: 6.663 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

Tgt Ion:146 Resp: 568620
Ion Ratio Lower Upper
146 100
148 63.3 50.3 75.5
75 35.2 29.0 43.4

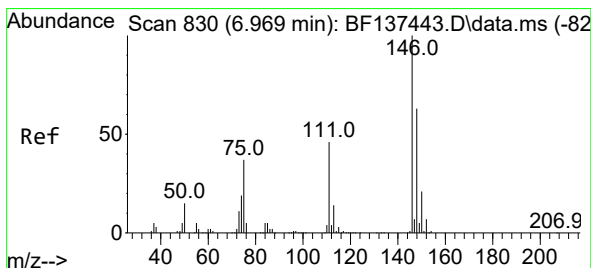
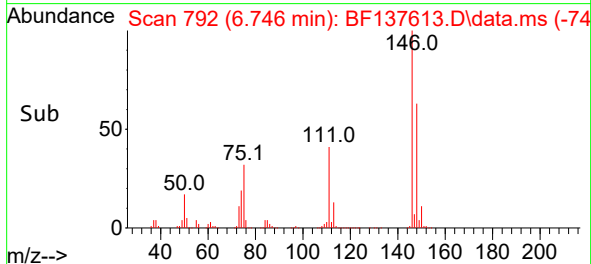
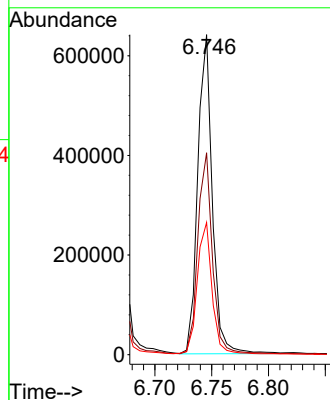
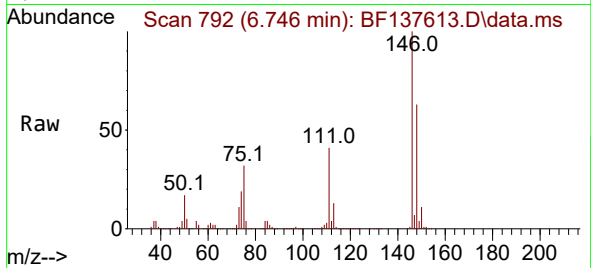




#13
1,4-Dichlorobenzene
Concen: 42.454 ng
RT: 6.746 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

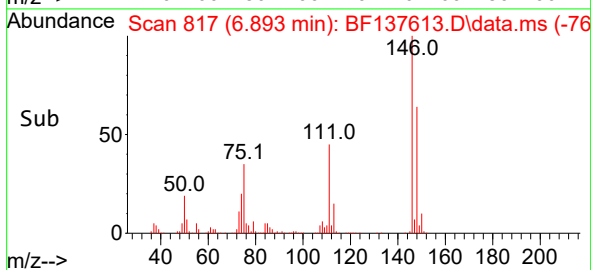
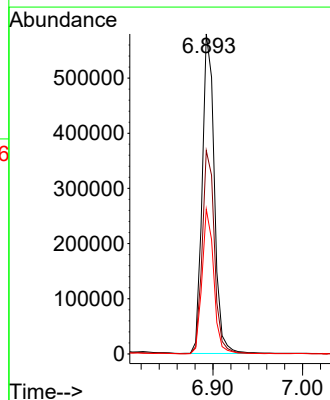
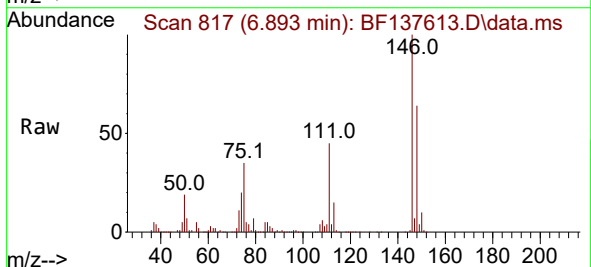
Instrument :
BNA_F
ClientSampleId :
PB159613BSD

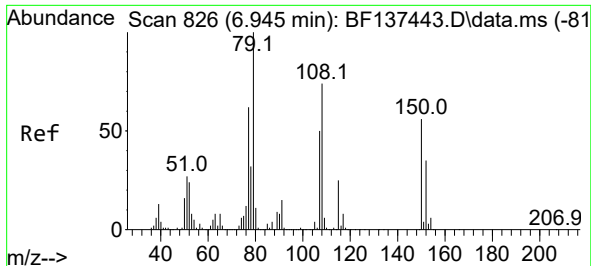
Tgt Ion:146 Resp: 572560
Ion Ratio Lower Upper
146 100
148 63.1 51.2 76.8
111 41.3 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 43.879 ng
RT: 6.893 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

Tgt Ion:146 Resp: 543169
Ion Ratio Lower Upper
146 100
148 63.5 50.0 75.0
111 45.3 36.8 55.2

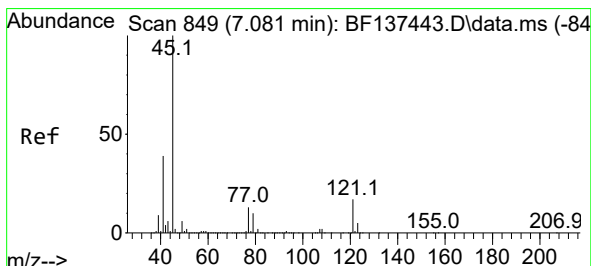
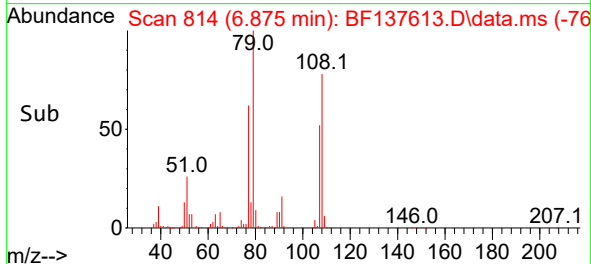
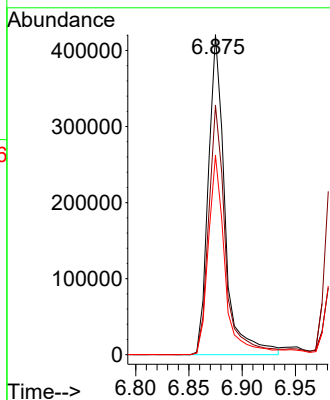
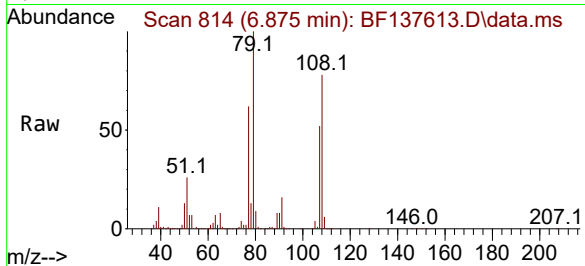




#15
Benzyl Alcohol
Concen: 43.429 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

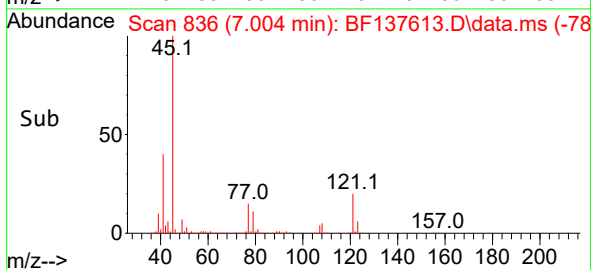
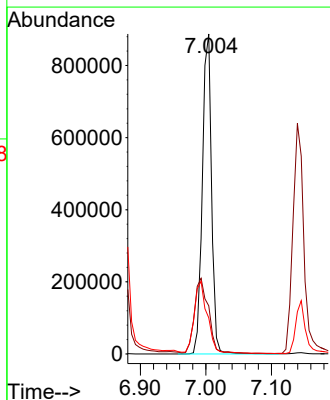
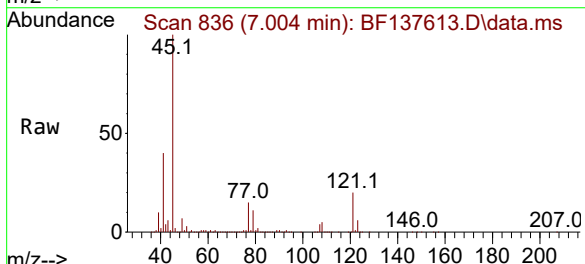
Instrument :
BNA_F
ClientSampleId :
PB159613BSD

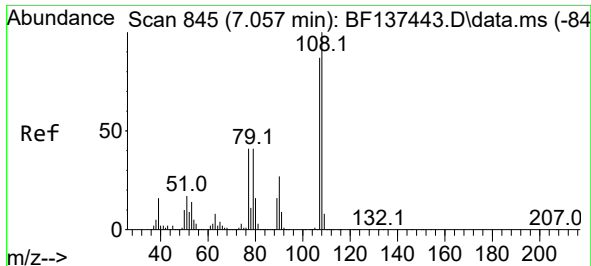
Tgt Ion: 79 Resp: 456426
Ion Ratio Lower Upper
79 100
108 77.9 59.5 89.3
77 62.3 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.929 ng
RT: 7.004 min Scan# 836
Delta R.T. 0.000 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

Tgt Ion: 45 Resp: 868103
Ion Ratio Lower Upper
45 100
77 15.0 0.0 33.4
79 11.3 0.0 30.9

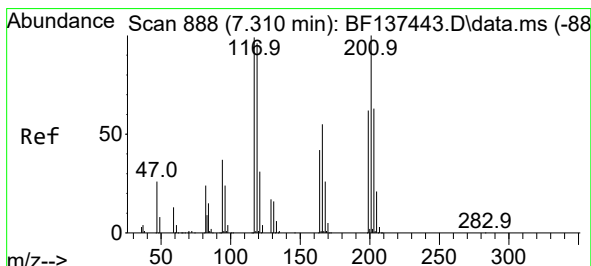
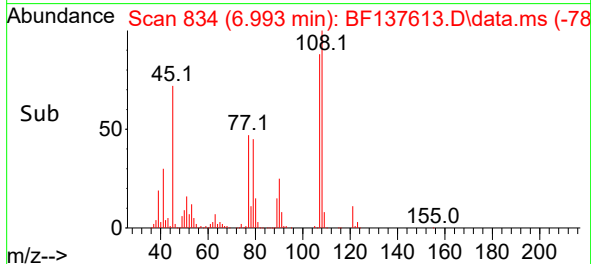
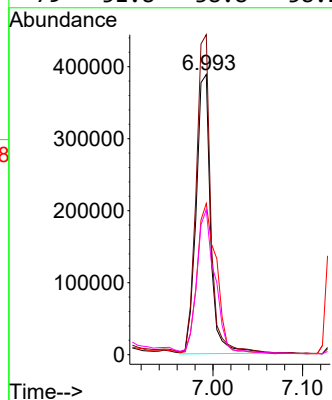
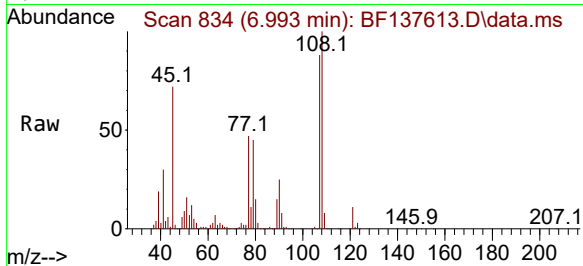




#17
2-Methylphenol
Concen: 37.618 ng
RT: 6.993 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

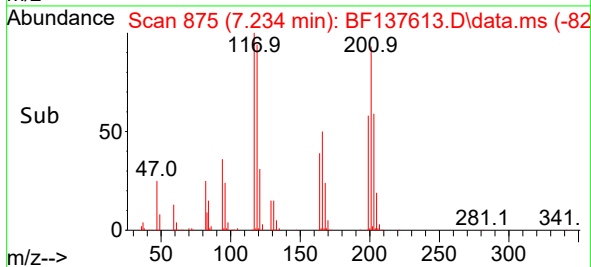
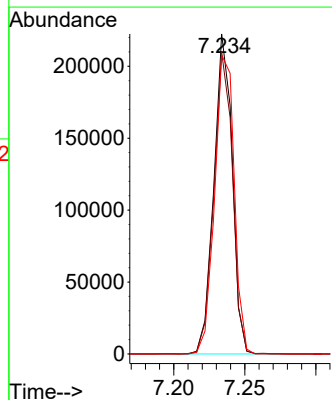
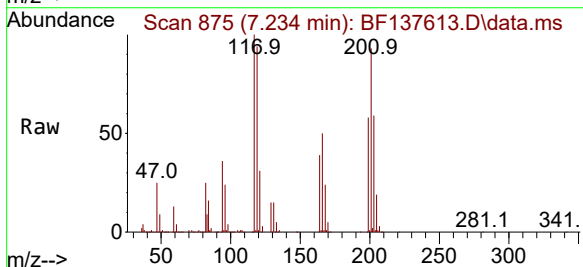
Instrument :
BNA_F
ClientSampleId :
PB159613BSD

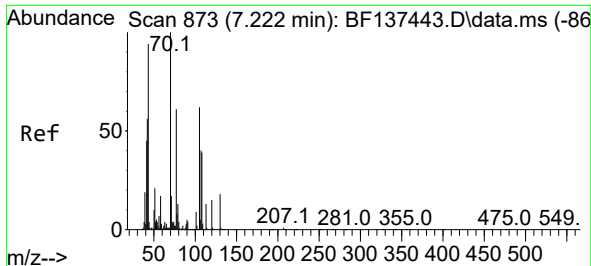
Tgt Ion:107 Resp: 434207
Ion Ratio Lower Upper
107 100
108 114.2 92.2 138.4
77 54.0 38.6 57.8
79 51.8 38.8 58.2



#18
Hexachloroethane
Concen: 44.921 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

Tgt Ion:117 Resp: 199481
Ion Ratio Lower Upper
117 100
119 94.4 77.5 116.3
201 93.4 80.6 121.0

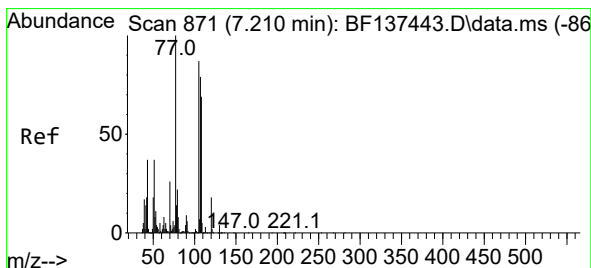
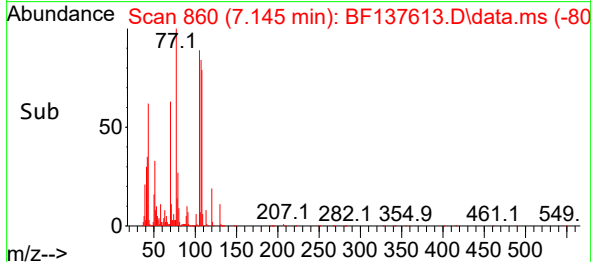
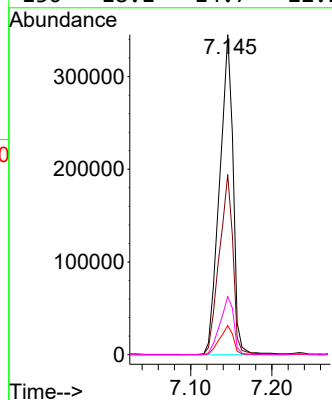
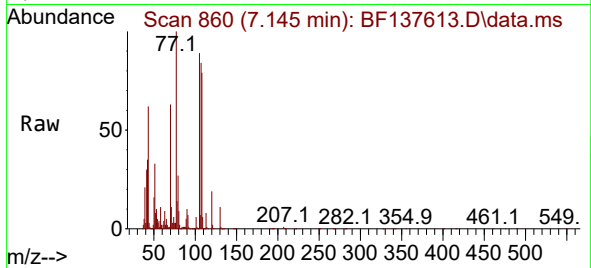




#19
n-Nitroso-di-n-propylamine
Concen: 38.480 ng
RT: 7.145 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

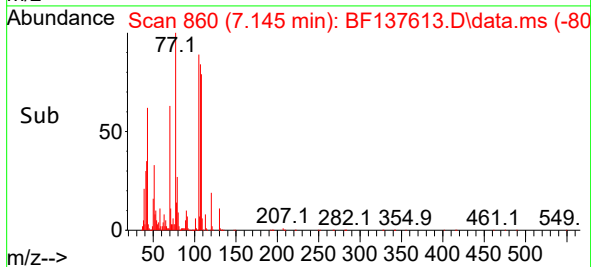
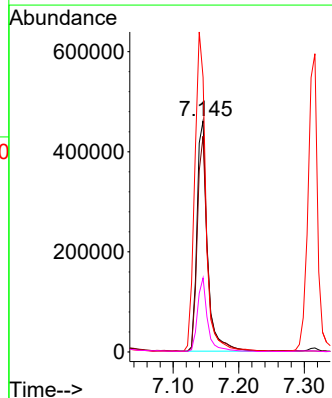
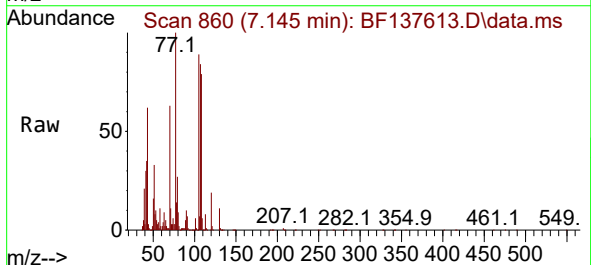
Instrument :
BNA_F
ClientSampleId :
PB159613BSD

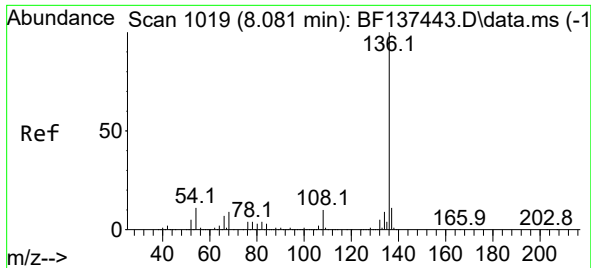
Tgt Ion:	70	Resp:	401136
Ion	Ratio	Lower	Upper
70	100		
42	56.3	45.2	67.8
101	9.1	7.3	10.9
130	18.1	14.7	22.1



#20
3+4-Methylphenols
Concen: 38.862 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

Tgt Ion:	107	Resp:	513738
Ion	Ratio	Lower	Upper
107	100		
108	93.4	67.6	107.6
77	118.8	107.1	147.1
79	32.0	8.6	48.6

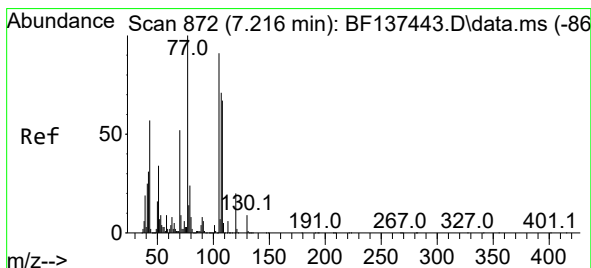
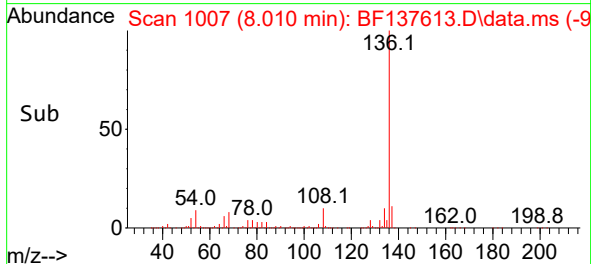
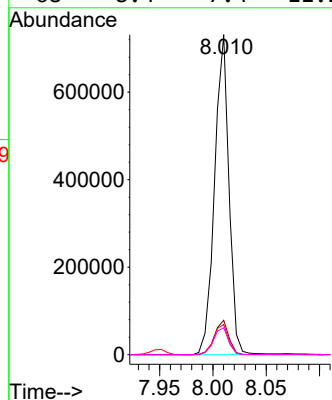
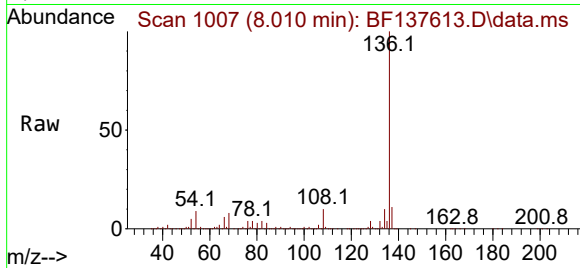




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

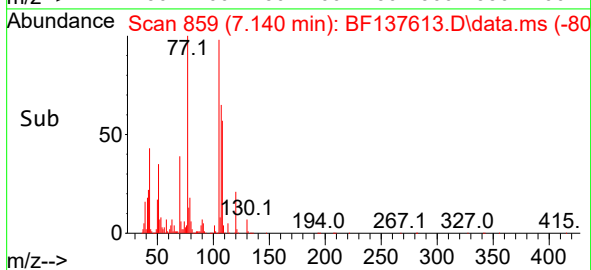
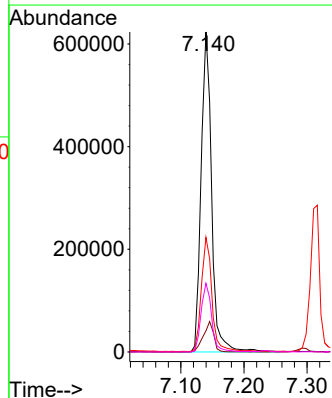
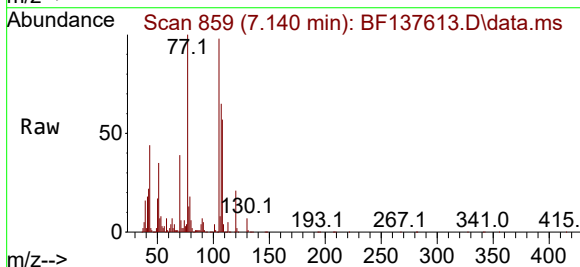
Instrument :
BNA_F
ClientSampleId :
PB159613BSD

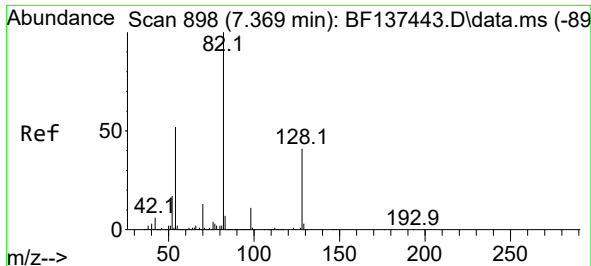
Tgt Ion:136 Resp: 685431
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 9.4 8.5 12.7
68 8.4 7.4 11.2



#22
Acetophenone
Concen: 43.479 ng
RT: 7.140 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

Tgt Ion:105 Resp: 721068
Ion Ratio Lower Upper
105 100
71 6.6 7.7 11.5#
51 35.8 30.4 45.6
120 21.4 17.4 26.0





#23

Nitrobenzene-d5

Concen: 77.682 ng

RT: 7.298 min Scan# 886

Delta R.T. 0.000 min

Lab File: BF137613.D

Acq: 15 Mar 2024 17:02

Instrument :

BNA_F

ClientSampleId :

PB159613BSD

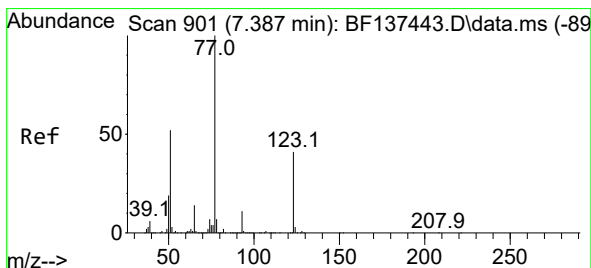
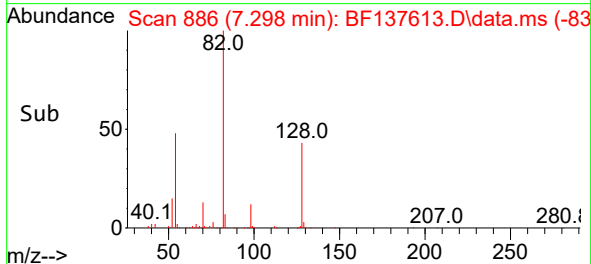
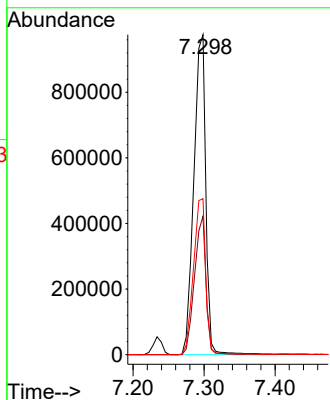
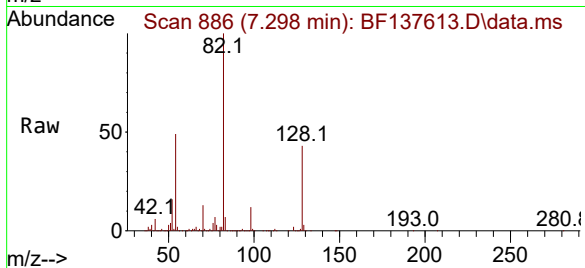
Tgt Ion: 82 Resp: 1145949

Ion Ratio Lower Upper

82 100

128 43.3 32.5 48.7

54 48.7 41.5 62.3



#24

Nitrobenzene

Concen: 41.026 ng

RT: 7.316 min Scan# 889

Delta R.T. 0.000 min

Lab File: BF137613.D

Acq: 15 Mar 2024 17:02

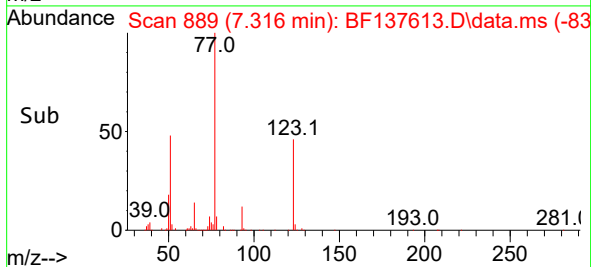
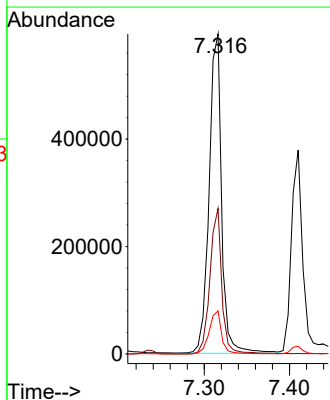
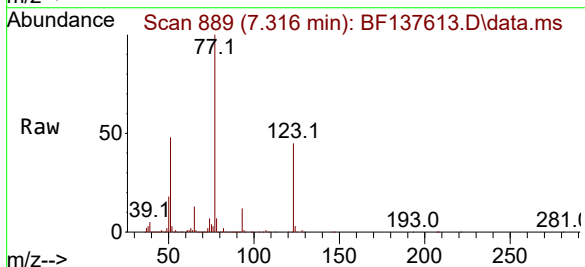
Tgt Ion: 77 Resp: 607968

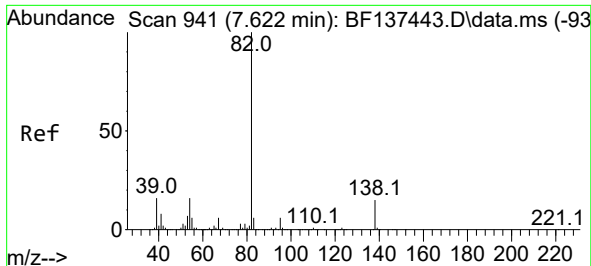
Ion Ratio Lower Upper

77 100

123 45.5 33.0 49.6

65 13.5 10.9 16.3

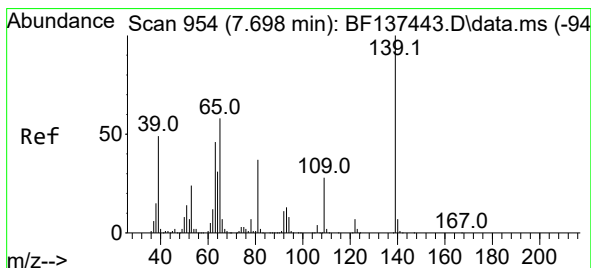
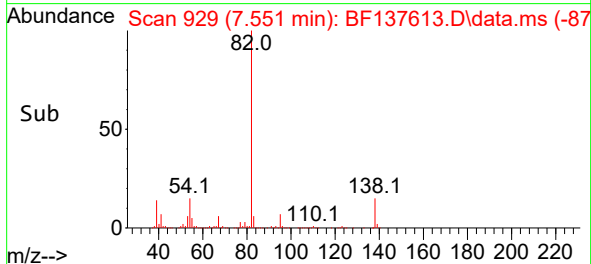
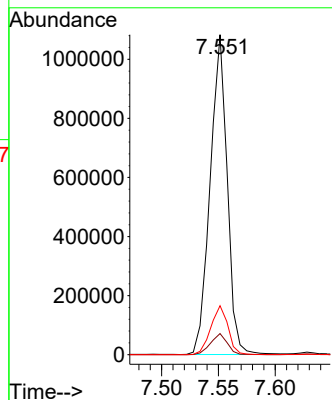
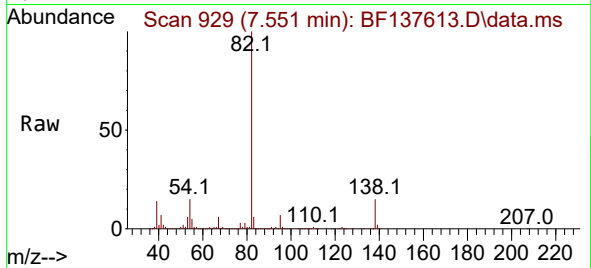




#25
Isophorone
Concen: 40.329 ng
RT: 7.551 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

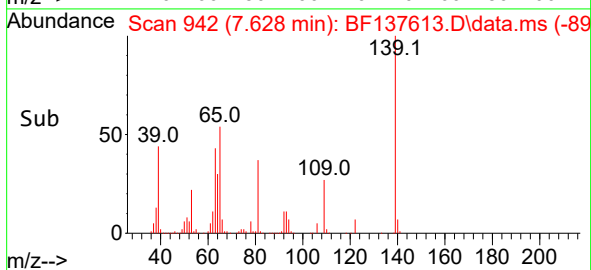
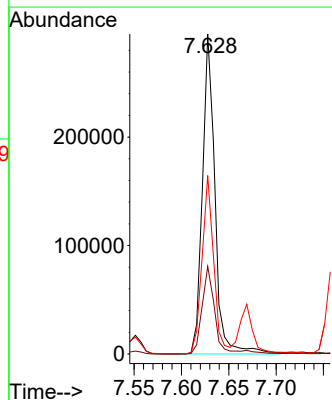
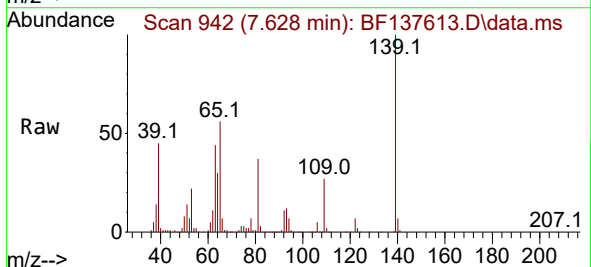
Instrument :
BNA_F
ClientSampleId :
PB159613BSD

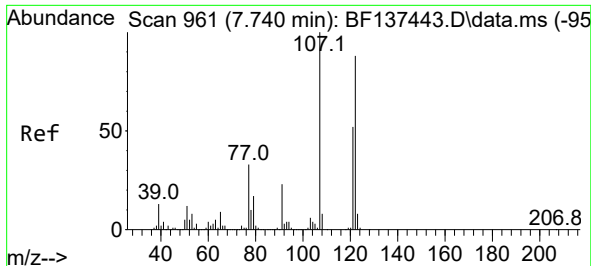
Tgt Ion: 82 Resp: 1130268
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 15.3 11.8 17.8



#26
2-Nitrophenol
Concen: 46.398 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

Tgt Ion:139 Resp: 272974
Ion Ratio Lower Upper
139 100
109 27.4 22.2 33.4
65 55.7 46.2 69.2

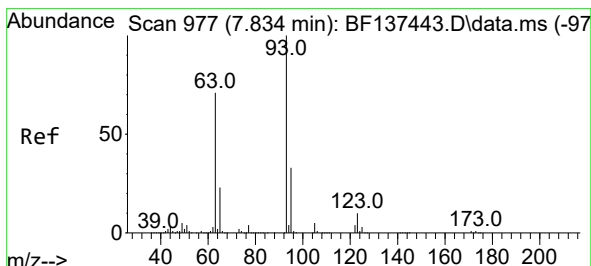
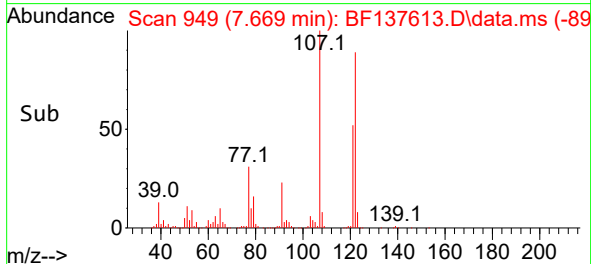
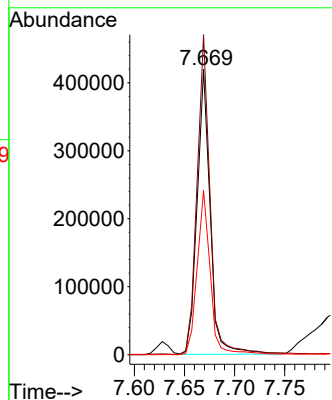
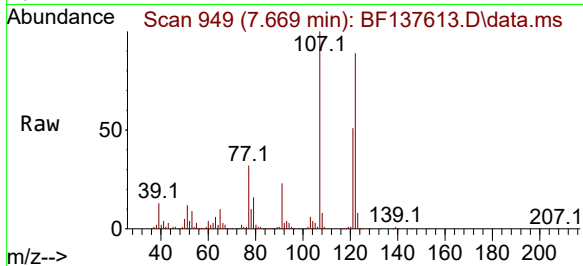




#27
2,4-Dimethylphenol
Concen: 34.513 ng
RT: 7.669 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

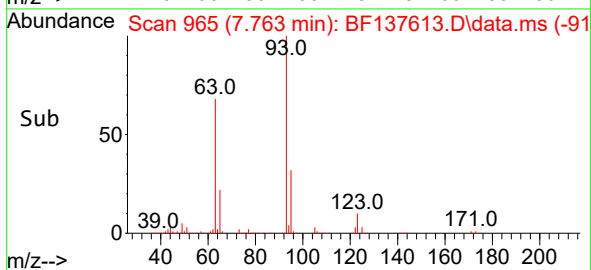
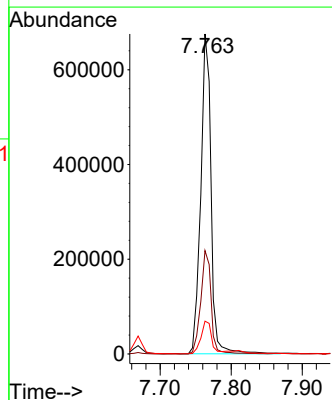
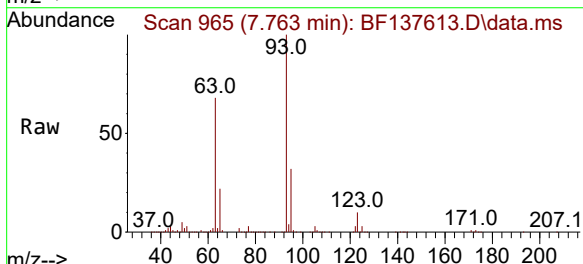
Instrument :
BNA_F
ClientSampleId :
PB159613BSD

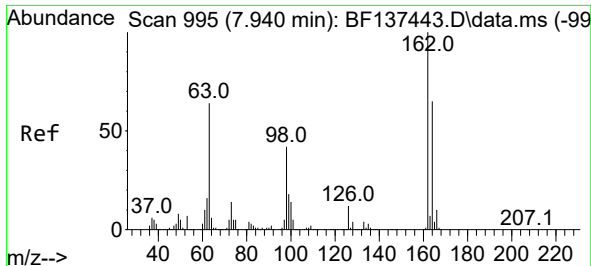
Tgt Ion:122 Resp: 379404
Ion Ratio Lower Upper
122 100
107 112.2 90.9 136.3
121 57.6 47.0 70.6



#28
bis(2-Chloroethoxy)methane
Concen: 41.415 ng
RT: 7.763 min Scan# 965
Delta R.T. 0.000 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

Tgt Ion: 93 Resp: 681016
Ion Ratio Lower Upper
93 100
95 32.3 26.5 39.7
123 10.3 8.0 12.0

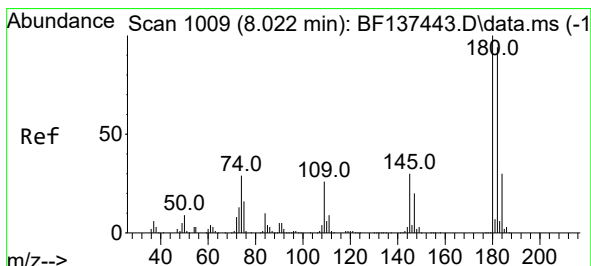
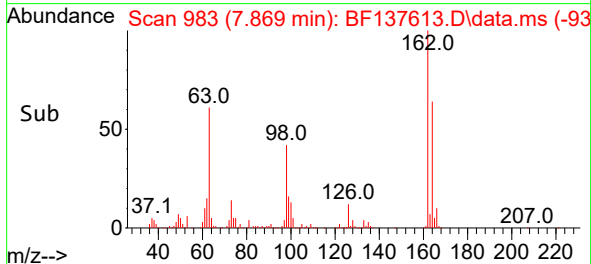
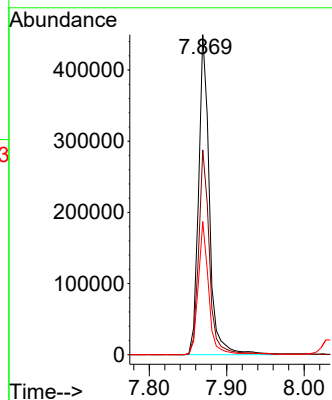
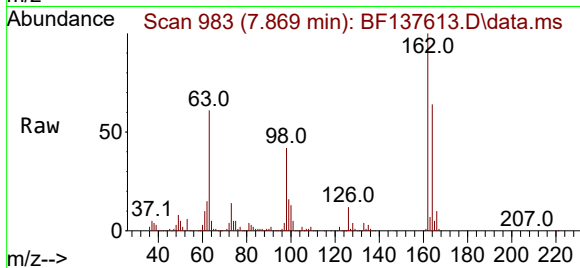




#29
2,4-Dichlorophenol
Concen: 43.215 ng
RT: 7.869 min Scan# 995
Delta R.T. 0.000 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

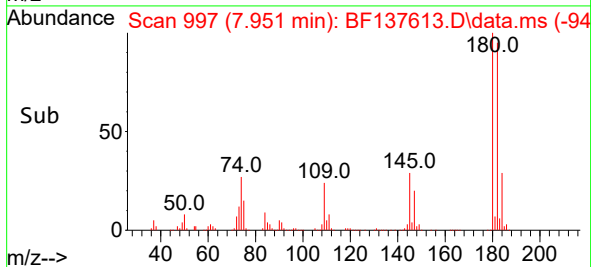
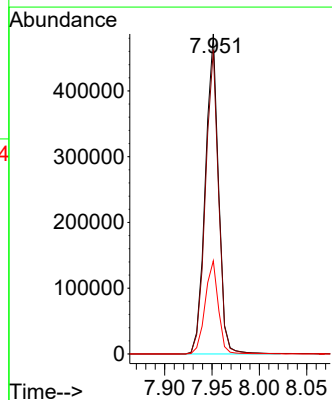
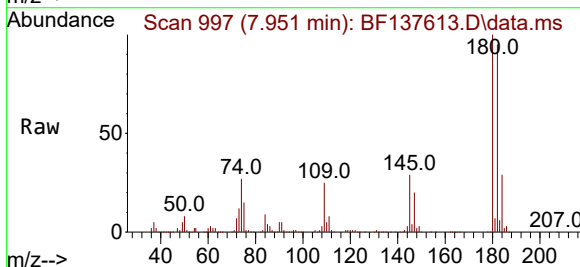
Instrument :
BNA_F
ClientSampleId :
PB159613BSD

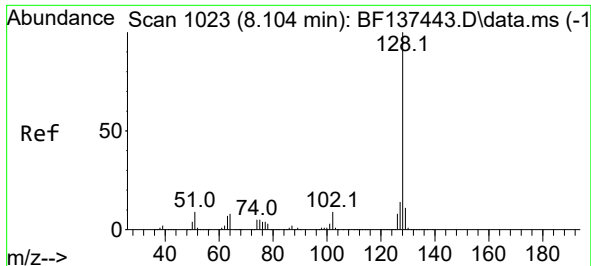
Tgt Ion:162 Resp: 436012
Ion Ratio Lower Upper
162 100
164 64.0 44.7 84.7
98 41.6 22.0 62.0



#30
1,2,4-Trichlorobenzene
Concen: 44.292 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.000 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

Tgt Ion:180 Resp: 470267
Ion Ratio Lower Upper
180 100
182 95.1 75.0 112.6
145 29.1 23.7 35.5

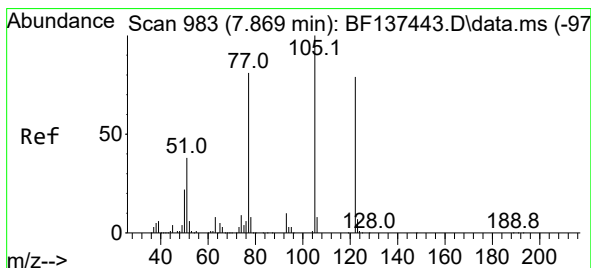
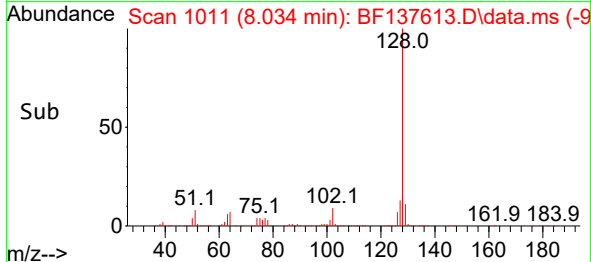
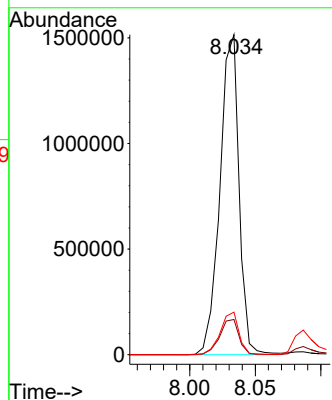
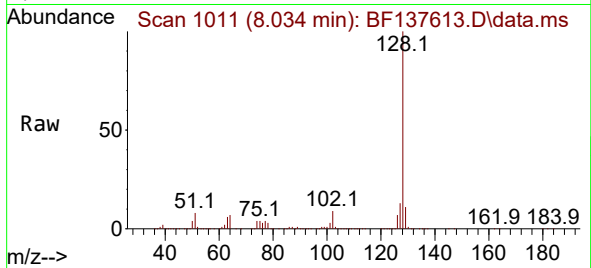




#31
Naphthalene
Concen: 41.676 ng
RT: 8.034 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

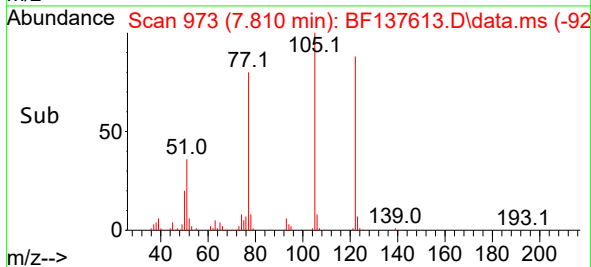
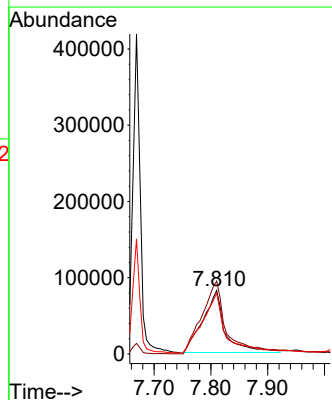
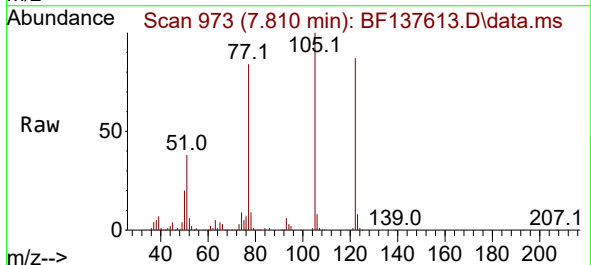
Instrument :
BNA_F
ClientSampleId :
PB159613BSD

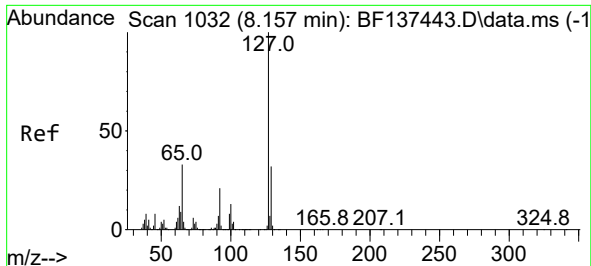
Tgt Ion:128 Resp: 1532682
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 36.894 ng
RT: 7.810 min Scan# 973
Delta R.T. 0.012 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

Tgt Ion:122 Resp: 222951
Ion Ratio Lower Upper
122 100
105 115.0 102.4 142.4
77 96.3 81.1 121.1

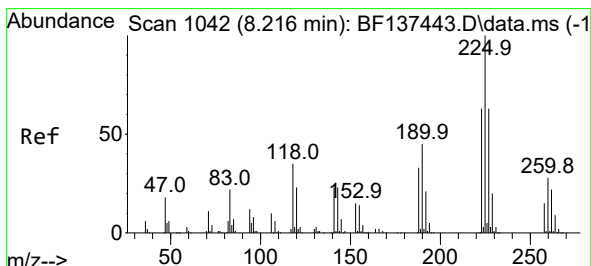
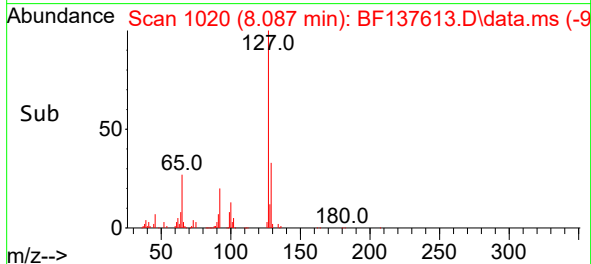
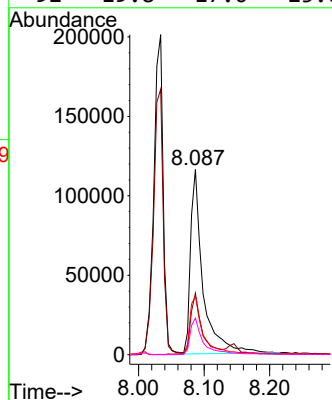
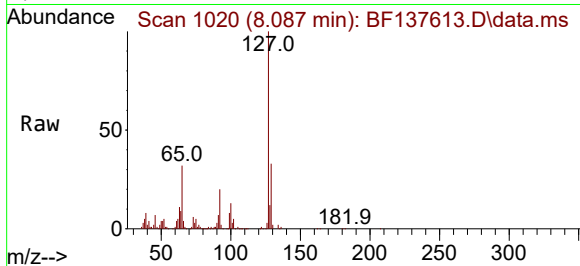




#33
4-Chloroaniline
Concen: 10.645 ng
RT: 8.087 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

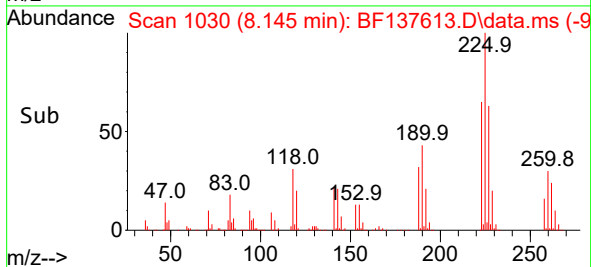
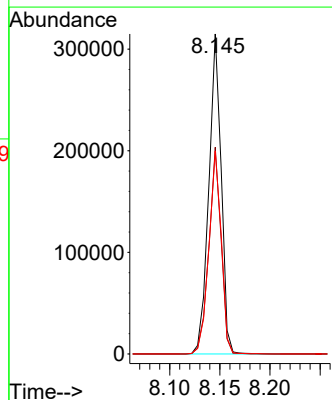
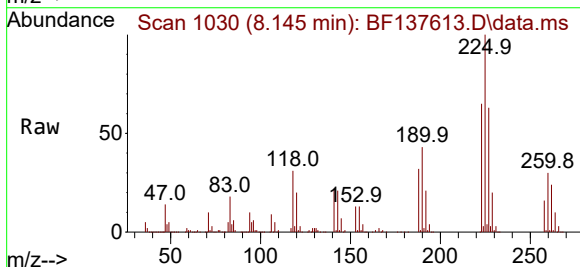
Instrument :
BNA_F
ClientSampleId :
PB159613BSD

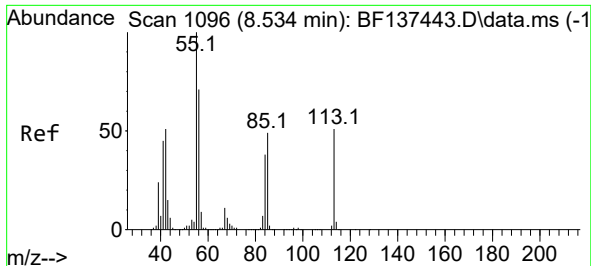
Tgt Ion:	127	Resp:	153512
Ion Ratio	Lower	Upper	
127	100		
129	33.3	26.0	39.0
65	31.5	26.8	40.2
92	19.8	17.0	25.6



#34
Hexachlorobutadiene
Concen: 43.301 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

Tgt Ion:	225	Resp:	271423
Ion Ratio	Lower	Upper	
225	100		
223	64.6	50.7	76.1
227	63.5	50.6	75.8

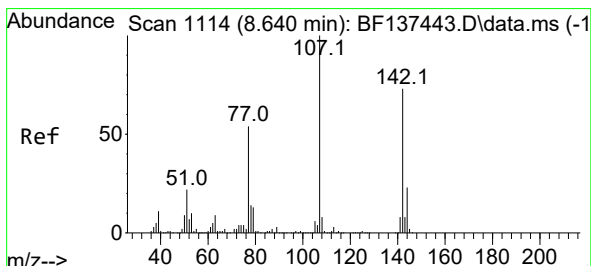
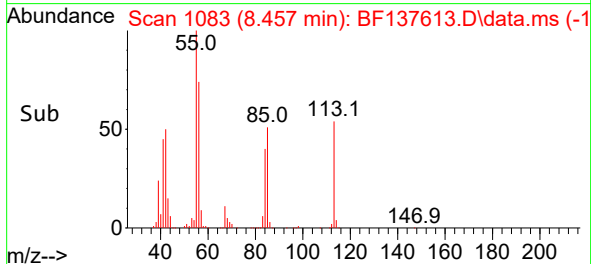
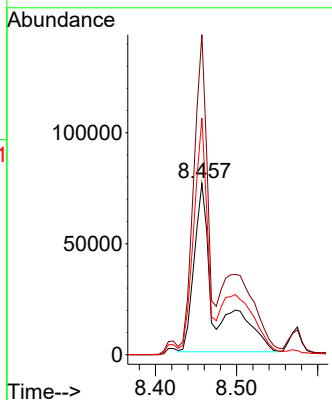
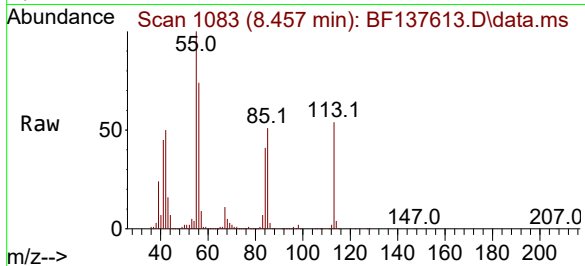




#35
 Caprolactam
 Concen: 40.698 ng m
 RT: 8.457 min Scan# 1096
 Delta R.T. 0.000 min
 Lab File: BF137613.D
 Acq: 15 Mar 2024 17:02

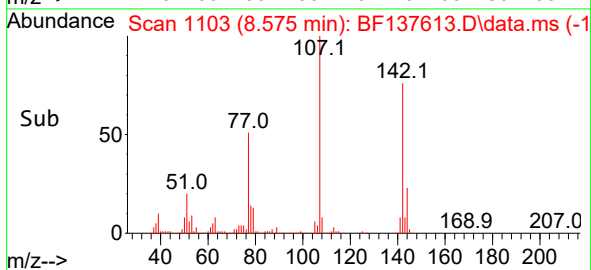
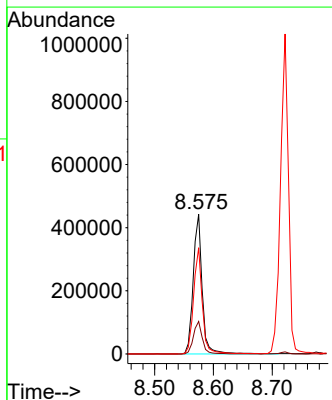
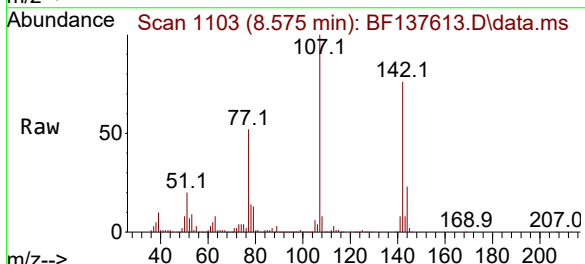
Instrument :
 BNA_F
 ClientSampleId :
 PB159613BSD

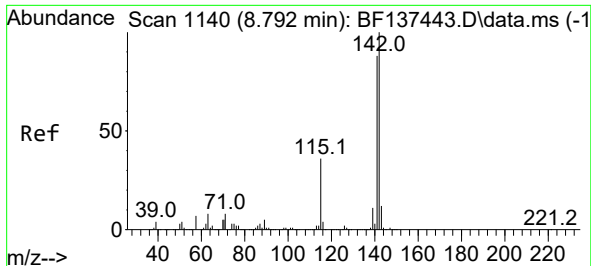
Tgt Ion:113 Resp: 139233
 Ion Ratio Lower Upper
 113 100
 55 186.7 176.7 216.7
 56 138.0 120.6 160.6



#36
 4-Chloro-3-methylphenol
 Concen: 41.757 ng
 RT: 8.575 min Scan# 1103
 Delta R.T. 0.006 min
 Lab File: BF137613.D
 Acq: 15 Mar 2024 17:02

Tgt Ion:107 Resp: 470919
 Ion Ratio Lower Upper
 107 100
 144 23.2 18.7 28.1
 142 76.0 58.2 87.2

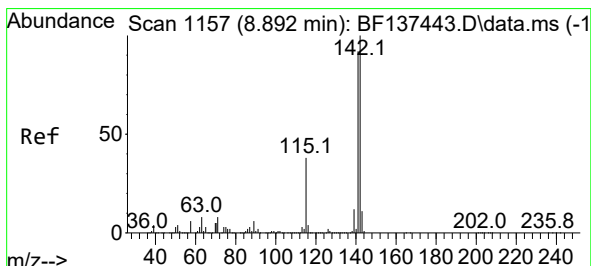
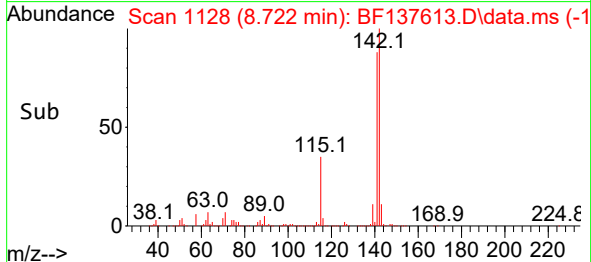
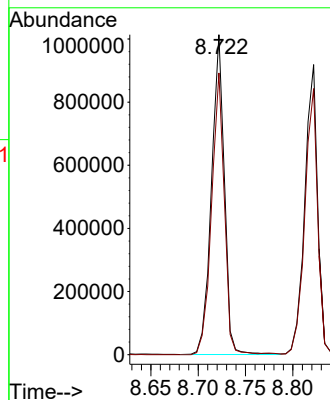
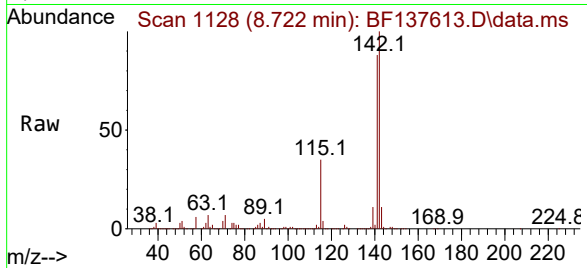




#37
2-Methylnaphthalene
Concen: 40.585 ng
RT: 8.722 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

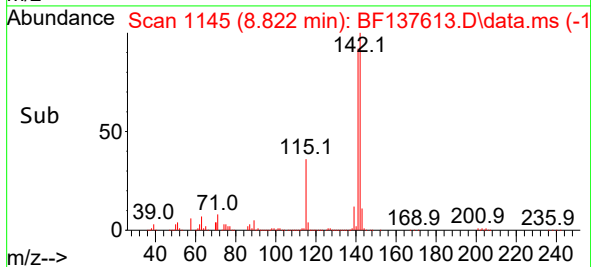
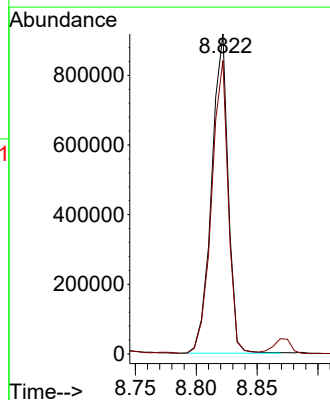
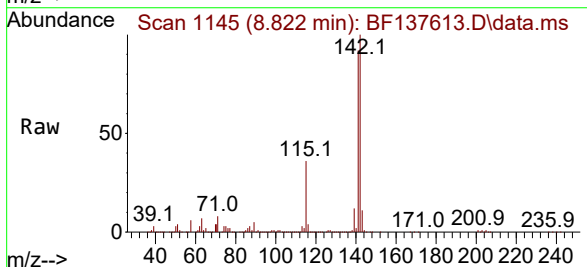
Instrument :
BNA_F
ClientSampleId :
PB159613BSD

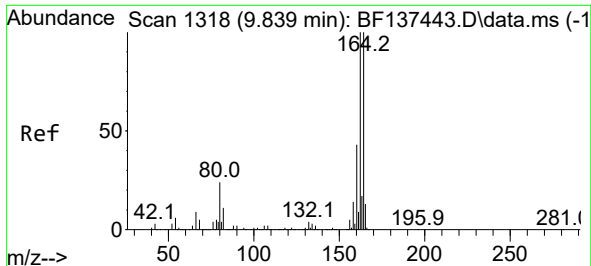
Tgt Ion:142 Resp: 951497
Ion Ratio Lower Upper
142 100
141 88.1 70.4 105.6



#38
1-Methylnaphthalene
Concen: 39.328 ng
RT: 8.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

Tgt Ion:142 Resp: 868297
Ion Ratio Lower Upper
142 100
141 91.7 73.4 110.2

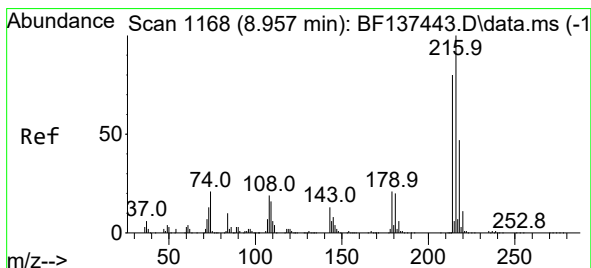
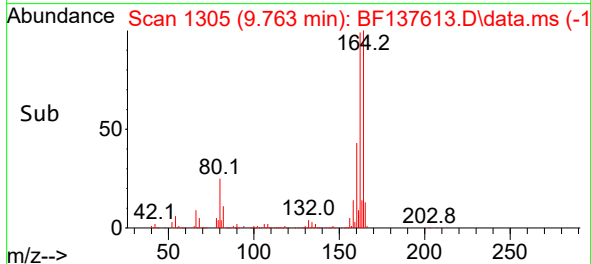
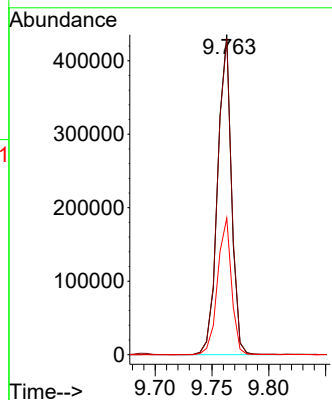
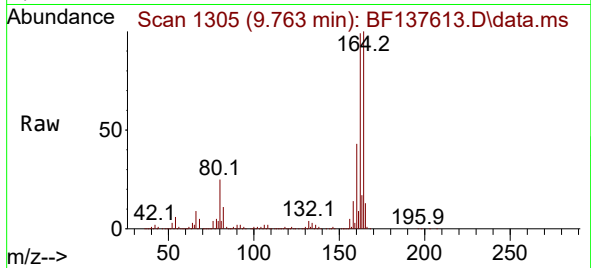




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

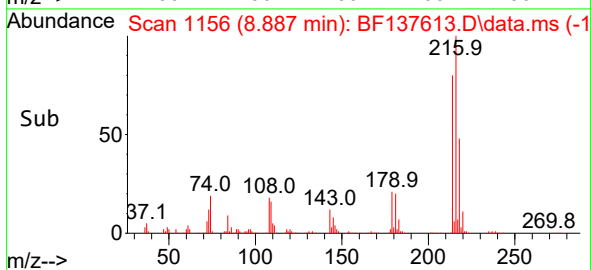
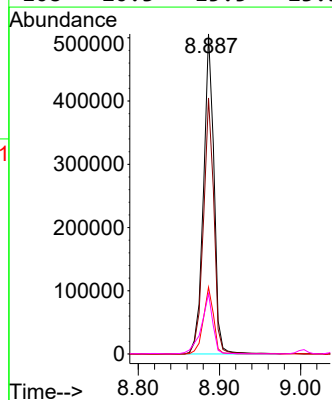
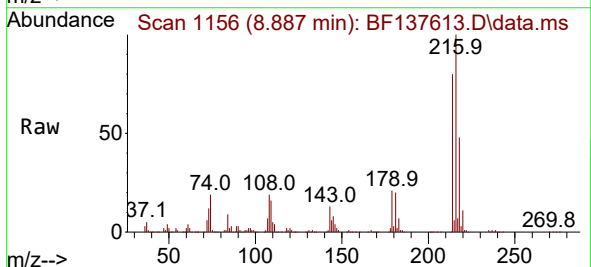
Instrument :
BNA_F
ClientSampleId :
PB159613BSD

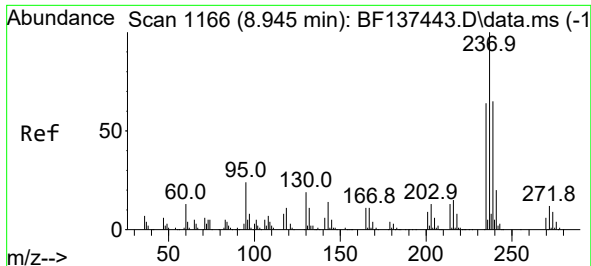
Tgt Ion:164 Resp: 367798
Ion Ratio Lower Upper
164 100
162 98.8 79.8 119.8
160 42.7 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.265 ng
RT: 8.887 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

Tgt Ion:216 Resp: 454517
Ion Ratio Lower Upper
216 100
214 80.0 63.5 95.3
179 20.5 16.6 25.0
108 20.3 15.5 23.3

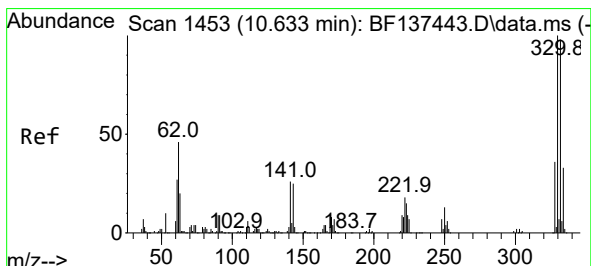
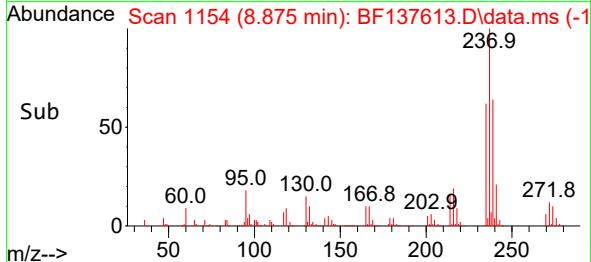
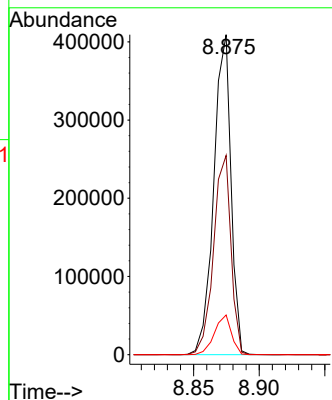
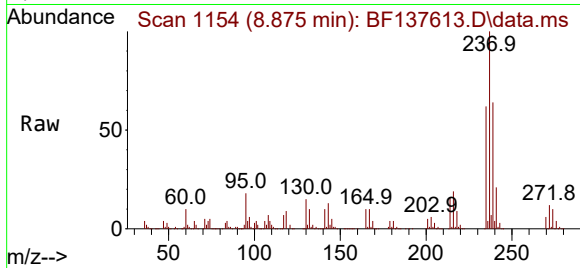




#41
Hexachlorocyclopentadiene
Concen: 88.087 ng
RT: 8.875 min Scan# 1166
Delta R.T. 0.006 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

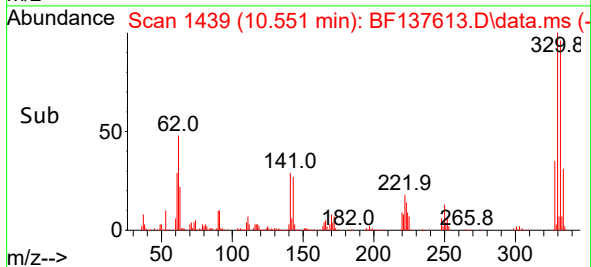
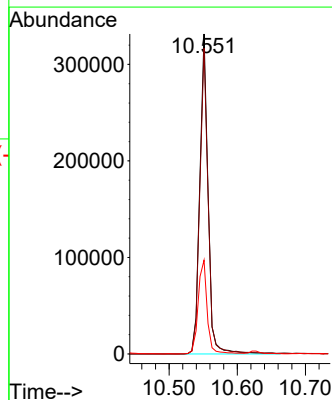
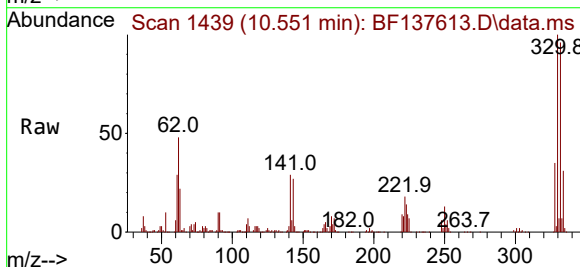
Instrument :
BNA_F
ClientSampleId :
PB159613BSD

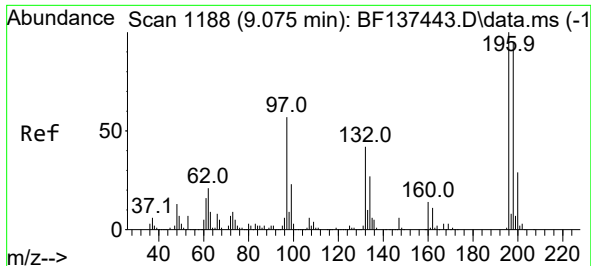
Tgt Ion:237 Resp: 373005
Ion Ratio Lower Upper
237 100
235 62.3 43.6 83.6
272 12.4 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 87.166 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

Tgt Ion:330 Resp: 281537
Ion Ratio Lower Upper
330 100
332 96.7 78.0 117.0
141 31.9 27.3 40.9





#43

2,4,6-Trichlorophenol

Concen: 44.840 ng

RT: 9.004 min Scan# 1183

Delta R.T. 0.006 min

Lab File: BF137613.D

Acq: 15 Mar 2024 17:02

Instrument :

BNA_F

ClientSampleId :

PB159613BSD

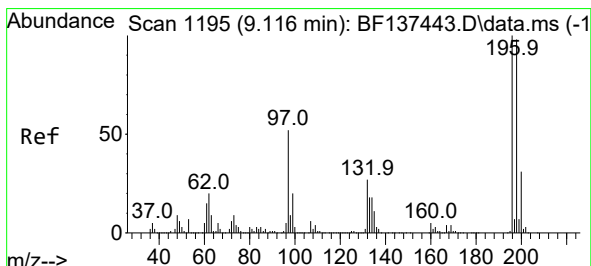
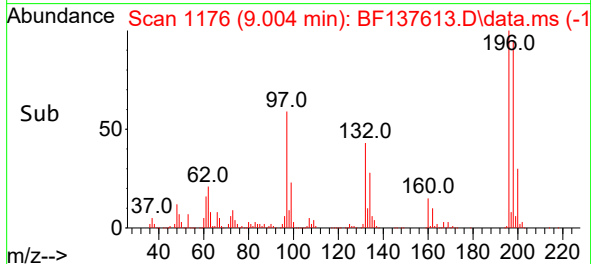
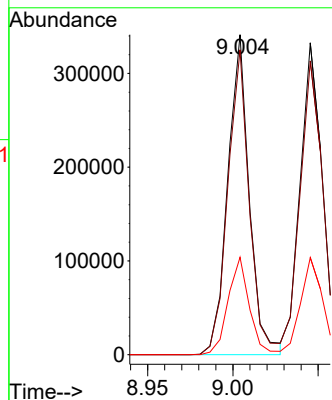
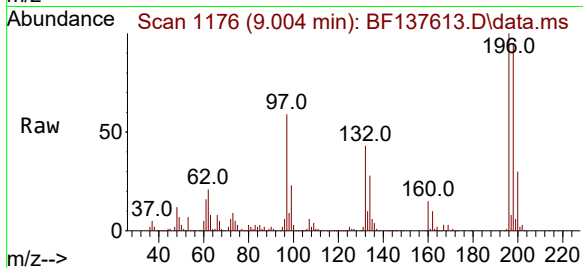
Tgt Ion:196 Resp: 299826

Ion Ratio Lower Upper

196 100

198 95.3 75.8 113.8

200 30.5 23.5 35.3



#44

2,4,5-Trichlorophenol

Concen: 41.341 ng

RT: 9.045 min Scan# 1183

Delta R.T. 0.006 min

Lab File: BF137613.D

Acq: 15 Mar 2024 17:02

Tgt Ion:196 Resp: 318434

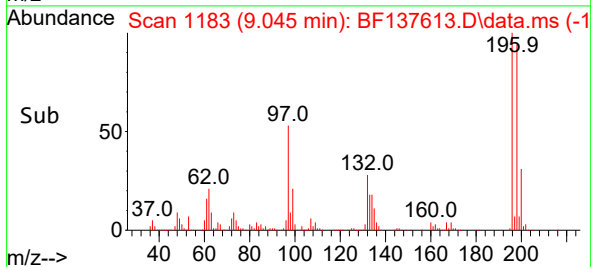
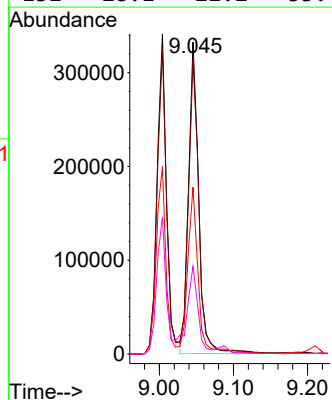
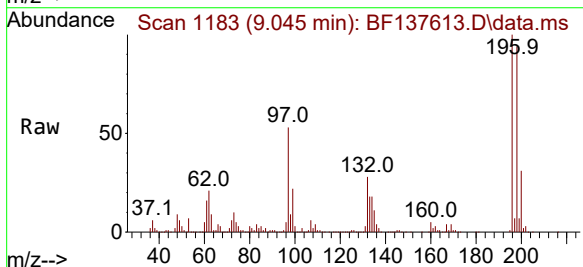
Ion Ratio Lower Upper

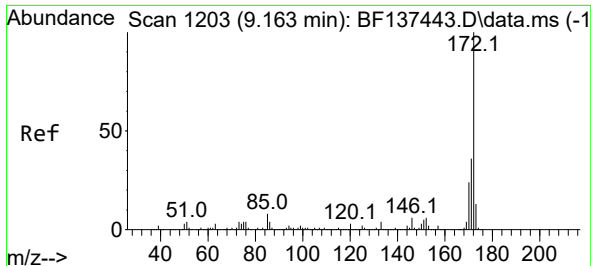
196 100

198 94.2 78.6 117.8

97 53.4 41.8 62.8

132 28.1 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 79.418 ng

RT: 9.087 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF137613.D

Acq: 15 Mar 2024 17:02

Instrument :

BNA_F

ClientSampleId :

PB159613BSD

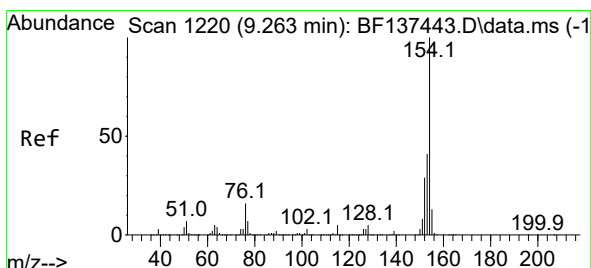
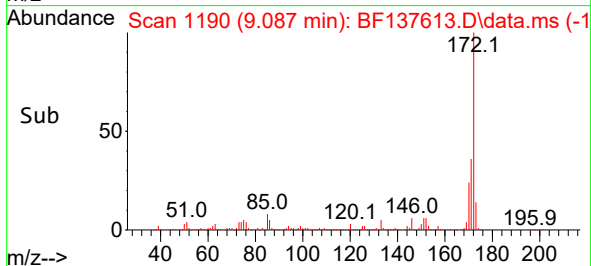
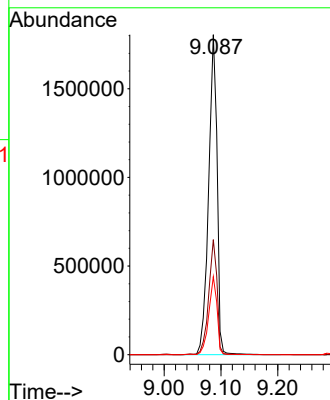
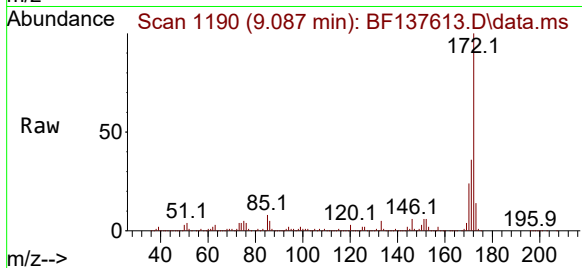
Tgt Ion:172 Resp: 1866014

Ion Ratio Lower Upper

172 100

171 36.0 28.5 42.7

170 24.4 19.0 28.6



#46

1,1'-Biphenyl

Concen: 42.689 ng

RT: 9.187 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF137613.D

Acq: 15 Mar 2024 17:02

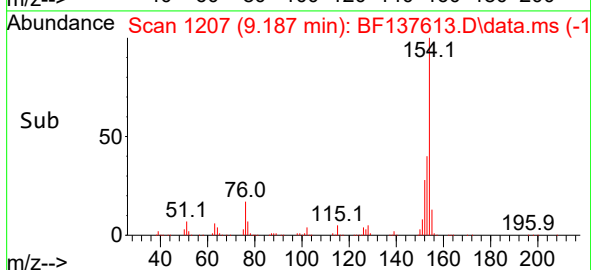
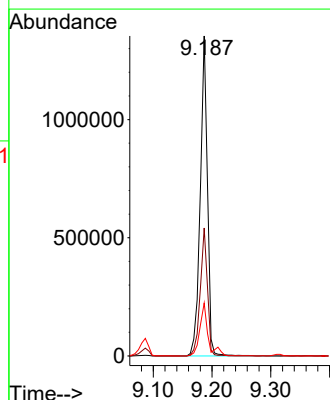
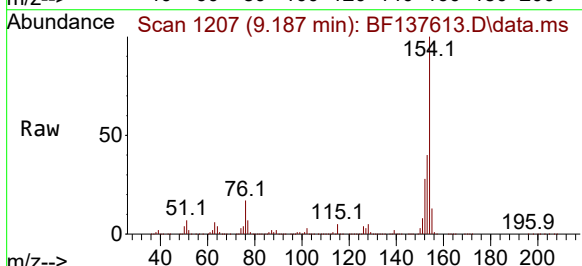
Tgt Ion:154 Resp: 1149175

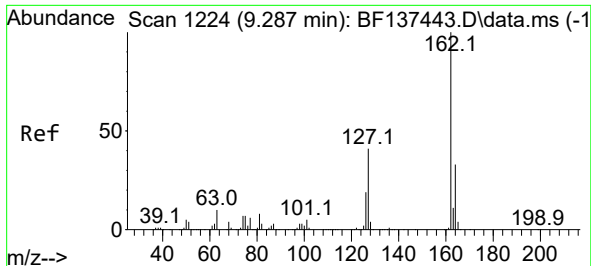
Ion Ratio Lower Upper

154 100

153 40.0 21.0 61.0

76 16.6 0.0 35.8

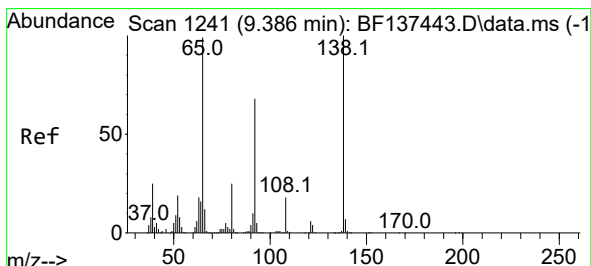
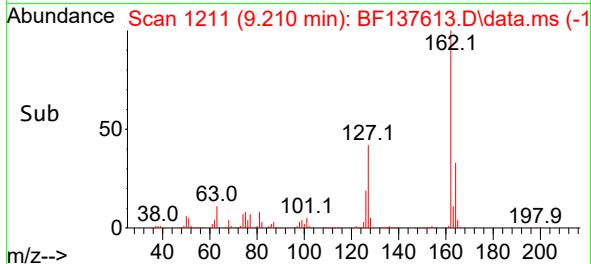
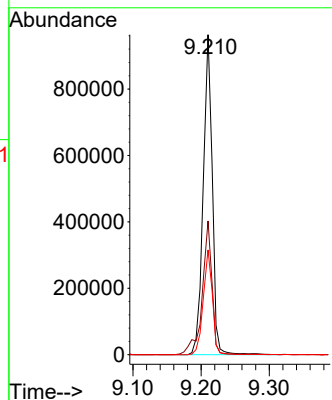
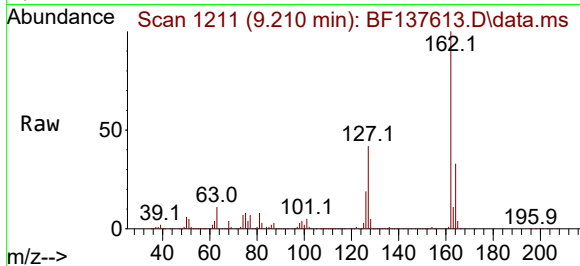




#47
2-Chloronaphthalene
Concen: 43.616 ng
RT: 9.210 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

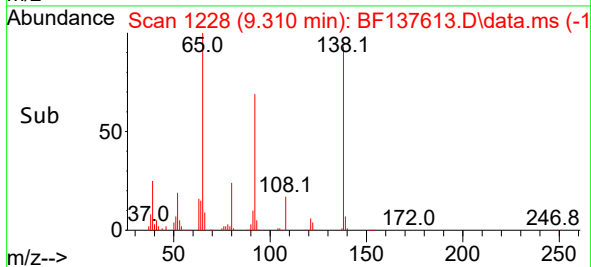
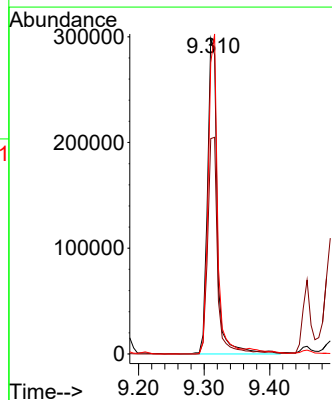
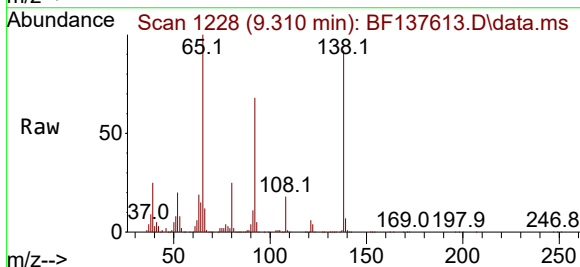
Instrument :
BNA_F
ClientSampleId :
PB159613BSD

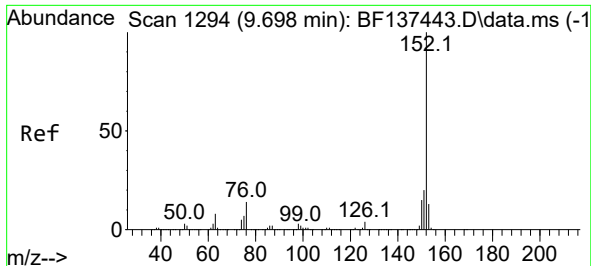
Tgt Ion:162 Resp: 895177
Ion Ratio Lower Upper
162 100
127 41.8 32.6 49.0
164 32.7 26.5 39.7



#48
2-Nitroaniline
Concen: 44.742 ng
RT: 9.310 min Scan# 1228
Delta R.T. 0.000 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

Tgt Ion: 65 Resp: 312118
Ion Ratio Lower Upper
65 100
92 68.3 55.4 83.2
138 92.3 81.0 121.6





#49

Acenaphthylene

Concen: 43.674 ng

RT: 9.622 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137613.D

Acq: 15 Mar 2024 17:02

Instrument :

BNA_F

ClientSampleId :

PB159613BSD

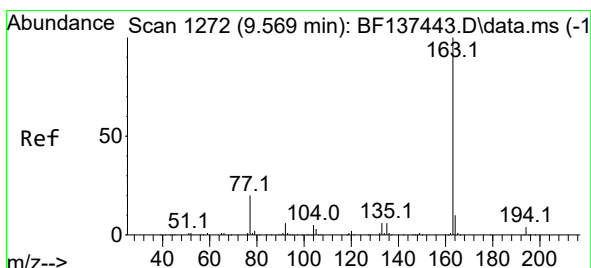
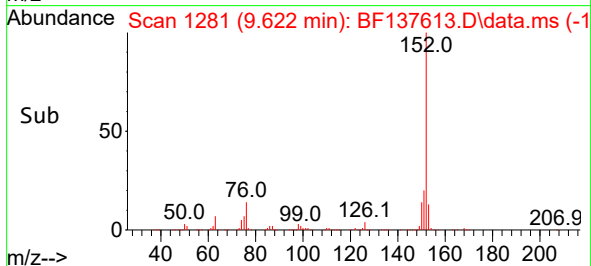
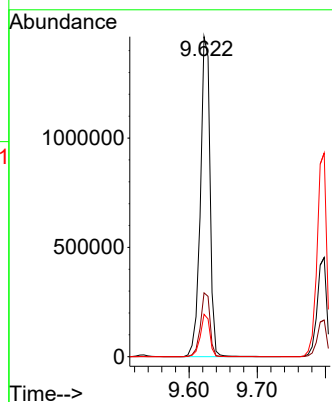
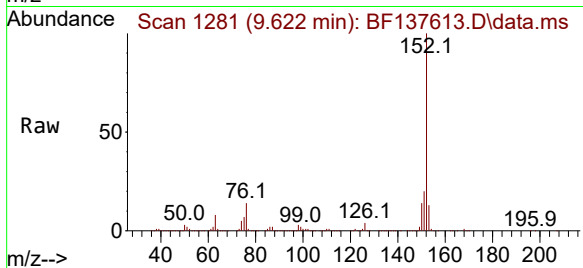
Tgt Ion:152 Resp: 1434483

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.4

153 13.3 10.8 16.2



#50

Dimethylphthalate

Concen: 41.910 ng

RT: 9.492 min Scan# 1259

Delta R.T. 0.000 min

Lab File: BF137613.D

Acq: 15 Mar 2024 17:02

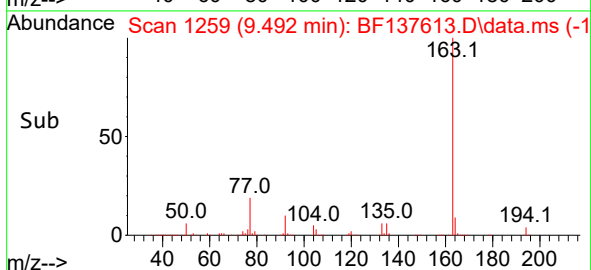
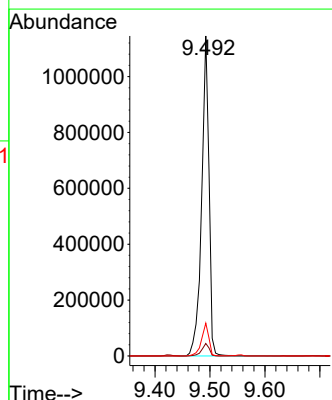
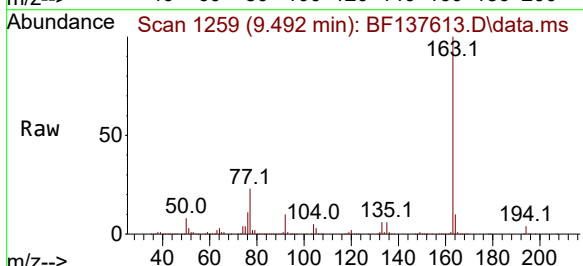
Tgt Ion:163 Resp: 1073034

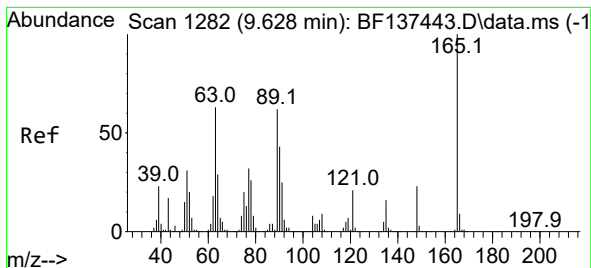
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.3 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 44.239 ng

RT: 9.557 min Scan# 1311

Delta R.T. 0.006 min

Lab File: BF137613.D

Acq: 15 Mar 2024 17:02

Instrument :

BNA_F

ClientSampleId :

PB159613BSD

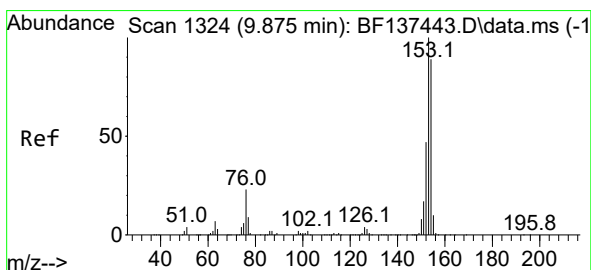
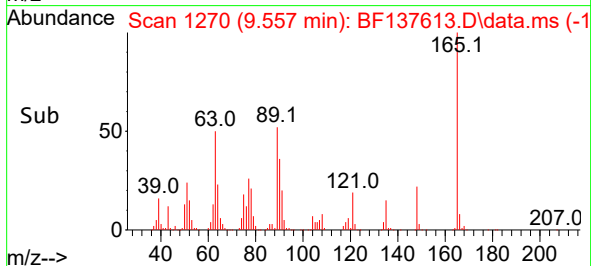
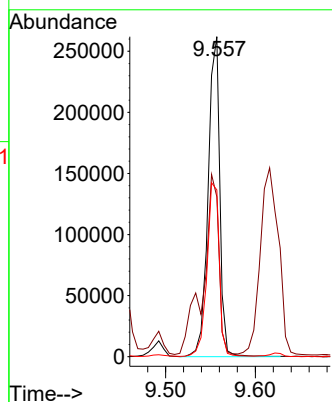
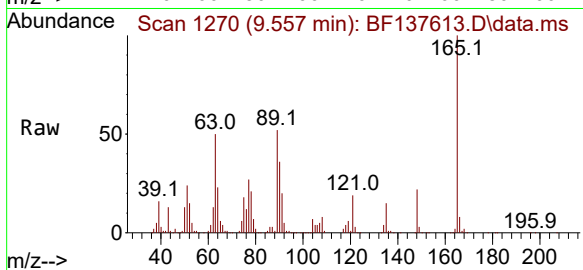
Tgt Ion:165 Resp: 236906

Ion Ratio Lower Upper

165 100

63 50.0 50.7 76.1#

89 52.1 50.0 75.0



#52

Acenaphthene

Concen: 40.852 ng

RT: 9.798 min Scan# 1311

Delta R.T. 0.006 min

Lab File: BF137613.D

Acq: 15 Mar 2024 17:02

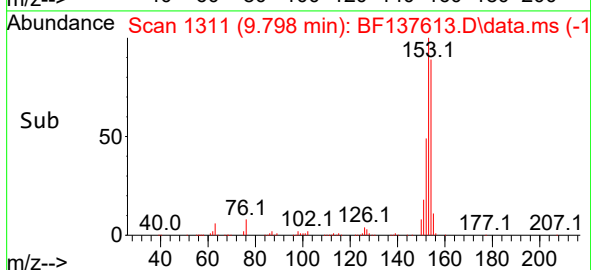
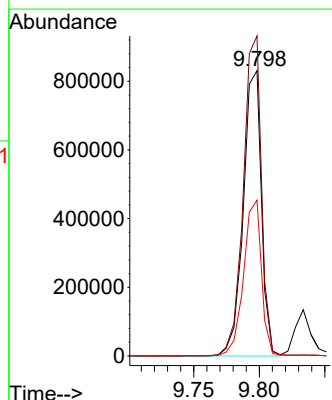
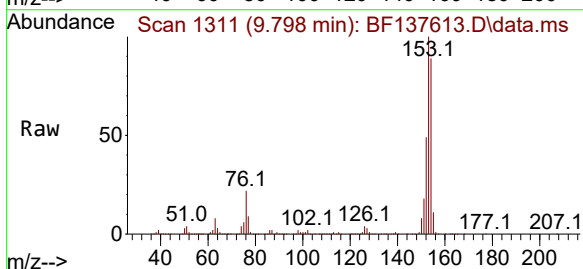
Tgt Ion:154 Resp: 801057

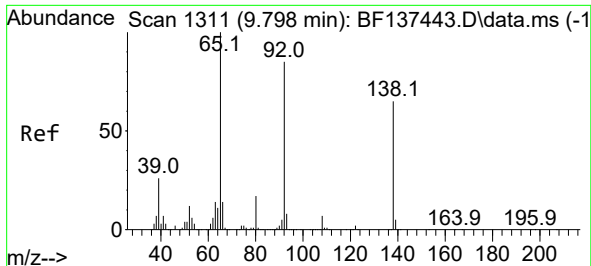
Ion Ratio Lower Upper

154 100

153 112.1 90.3 135.5

152 54.6 42.7 64.1

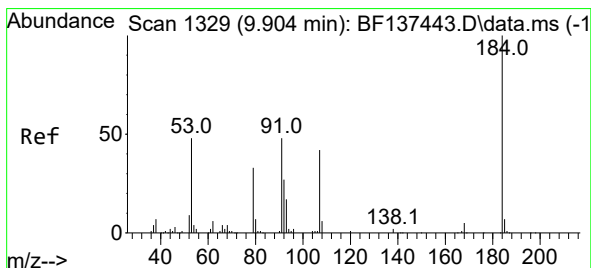
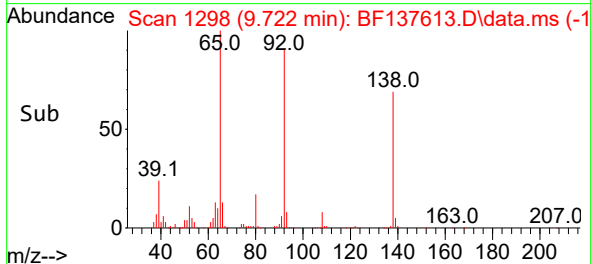
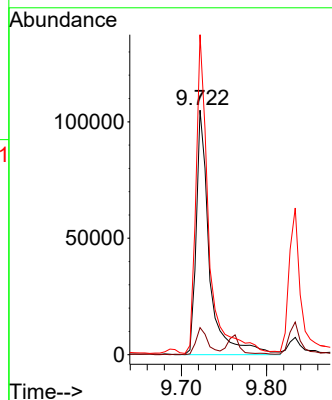
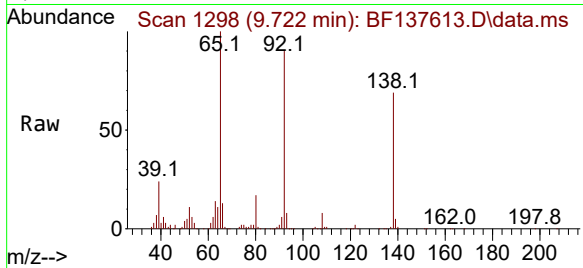




#53
3-Nitroaniline
Concen: 20.066 ng
RT: 9.722 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

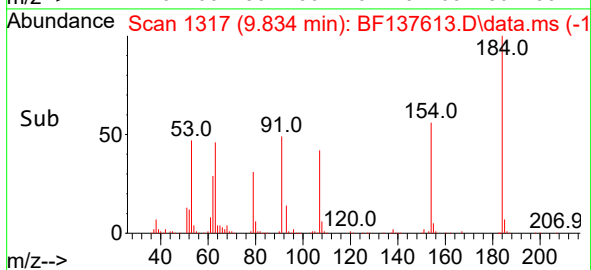
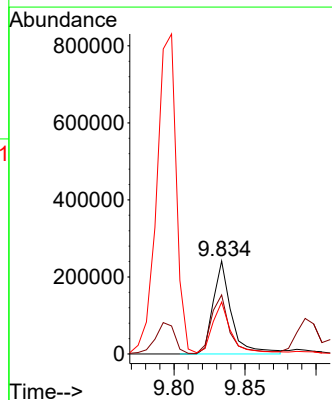
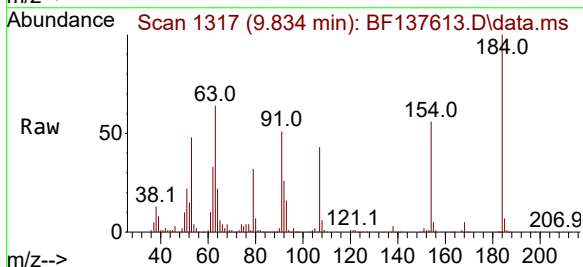
Instrument :
BNA_F
ClientSampleId :
PB159613BSD

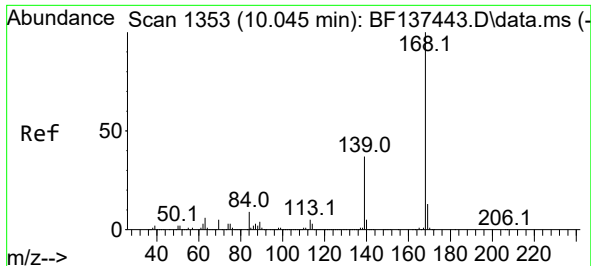
Tgt Ion:138 Resp: 113663
Ion Ratio Lower Upper
138 100
108 11.1 9.1 13.7
92 130.9 104.6 157.0



#54
2,4-Dinitrophenol
Concen: 82.063 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

Tgt Ion:184 Resp: 214961
Ion Ratio Lower Upper
184 100
63 63.5 53.3 79.9
154 55.8 47.4 71.0

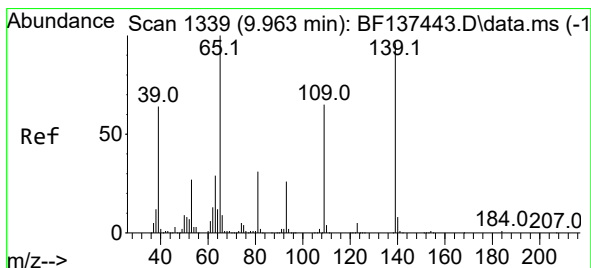
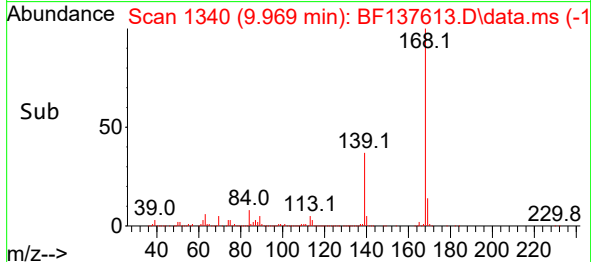
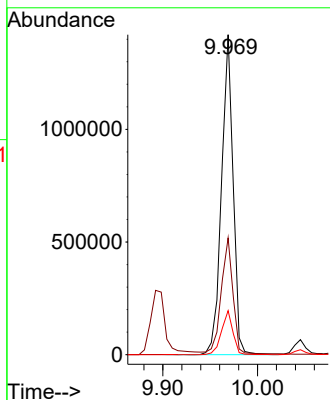
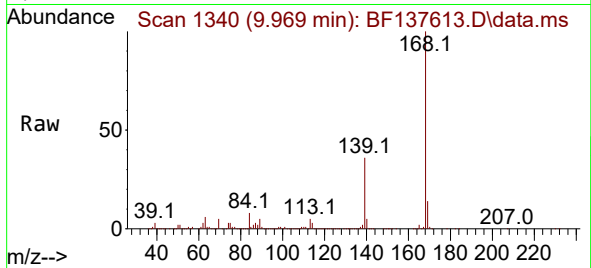




#55
Dibenzenofuran
Concen: 40.554 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

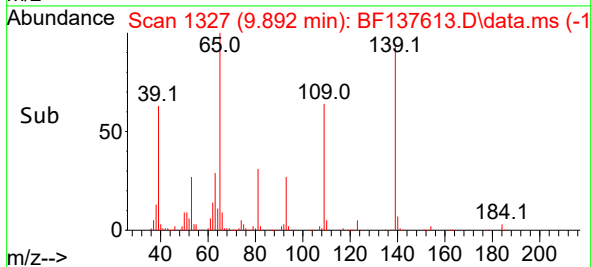
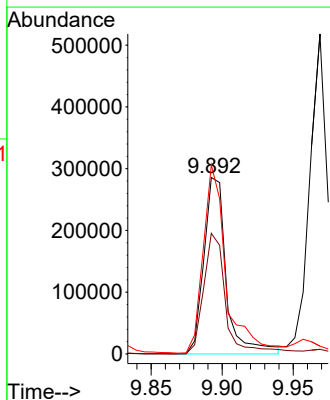
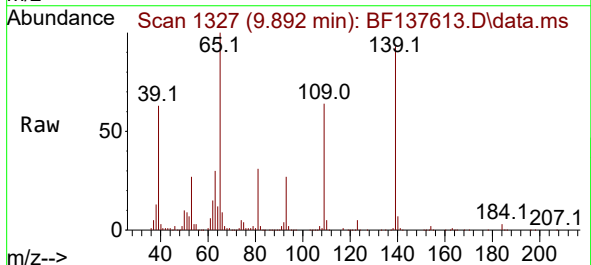
Instrument :
BNA_F
ClientSampleId :
PB159613BSD

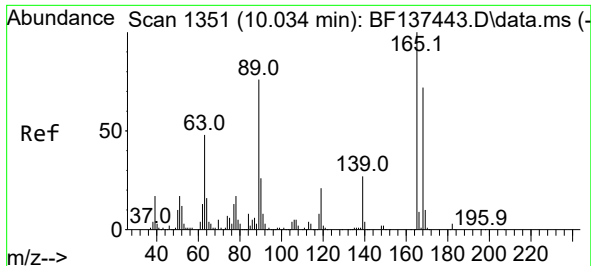
Tgt Ion:168 Resp: 1211173
Ion Ratio Lower Upper
168 100
139 36.5 29.8 44.6
169 13.8 10.8 16.2



#56
4-Nitrophenol
Concen: 78.260 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

Tgt Ion:139 Resp: 314960
Ion Ratio Lower Upper
139 100
109 68.3 47.1 87.1
65 107.1 85.1 125.1

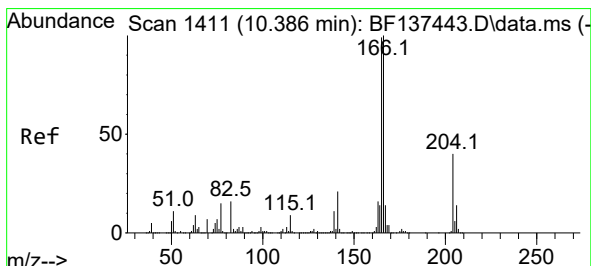
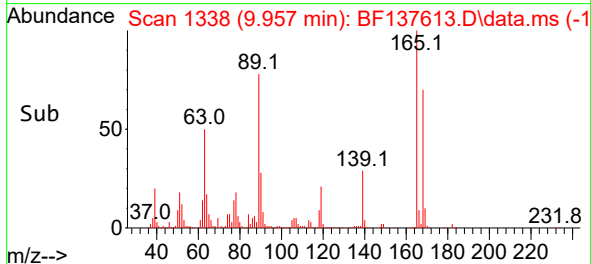
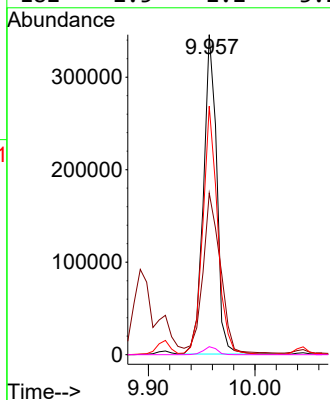
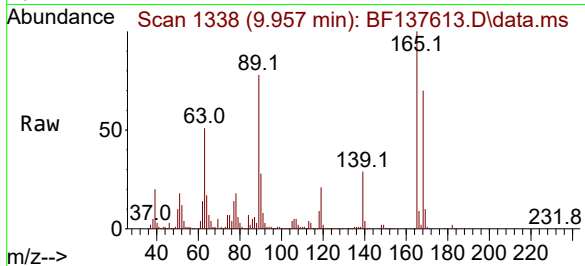




#57
2,4-Dinitrotoluene
Concen: 45.741 ng
RT: 9.957 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

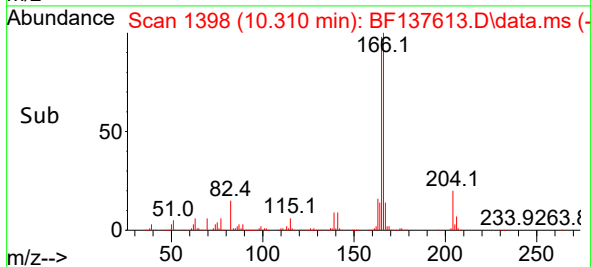
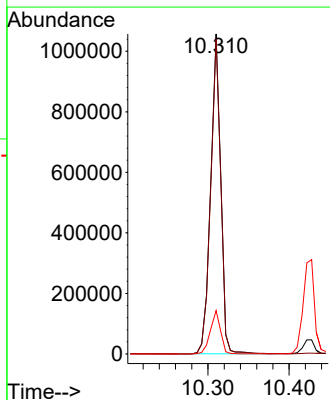
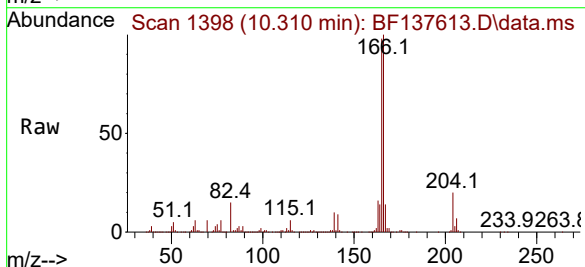
Instrument :
BNA_F
ClientSampleId :
PB159613BSD

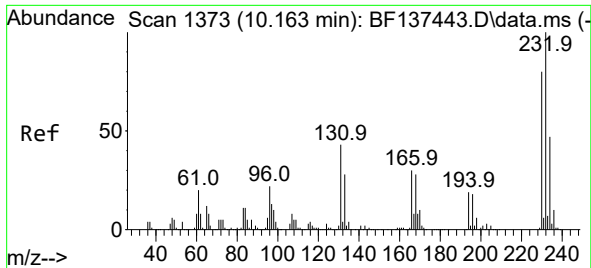
Tgt Ion:165 Resp: 300938
Ion Ratio Lower Upper
165 100
63 50.5 39.0 58.6
89 77.6 60.9 91.3
182 2.5 2.2 3.2



#58
Fluorene
Concen: 39.719 ng
RT: 10.310 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

Tgt Ion:166 Resp: 911016
Ion Ratio Lower Upper
166 100
165 98.3 79.2 118.8
167 13.6 11.0 16.6

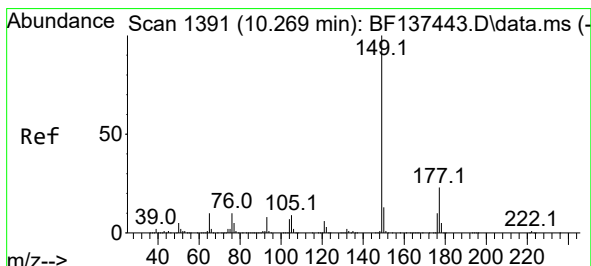
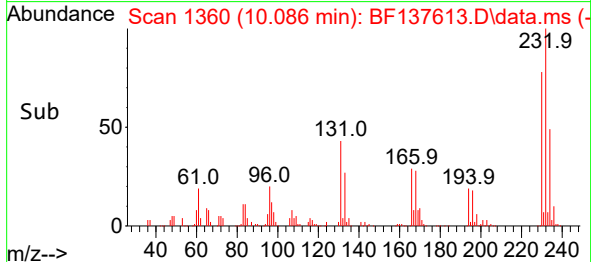
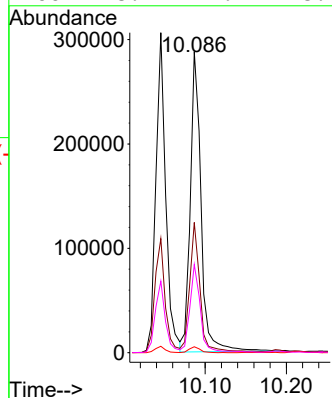
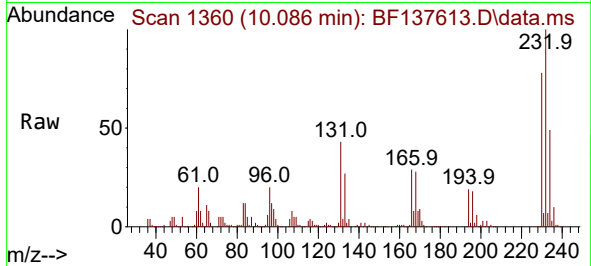




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.854 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

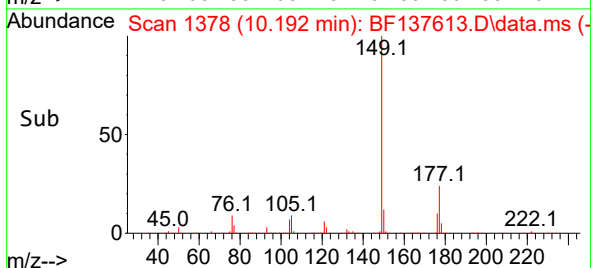
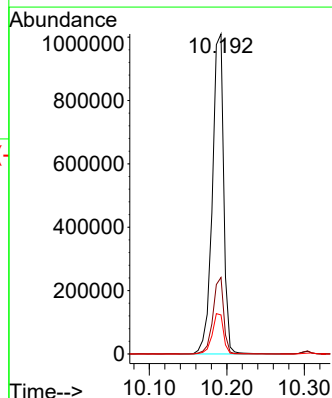
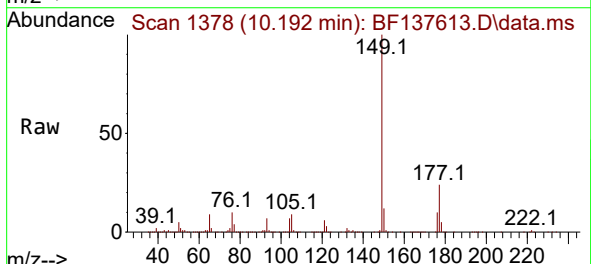
Instrument :
BNA_F
ClientSampleId :
PB159613BSD

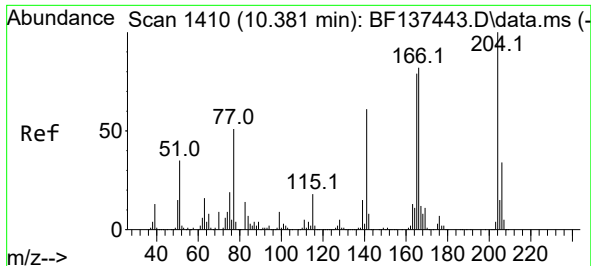
Tgt Ion:232 Resp: 264703
Ion Ratio Lower Upper
232 100
131 40.7 31.2 46.8
130 2.1 1.8 2.6
166 28.1 19.1 28.7



#60
Diethylphthalate
Concen: 42.266 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.006 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

Tgt Ion:149 Resp: 1021887
Ion Ratio Lower Upper
149 100
177 23.9 18.7 28.1
150 12.2 10.2 15.4

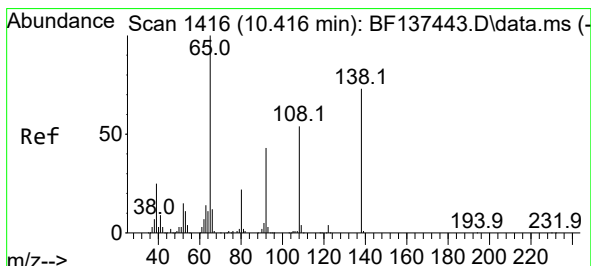
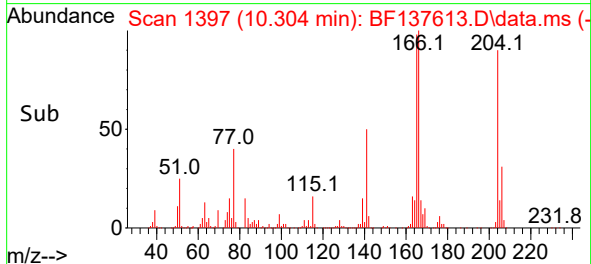
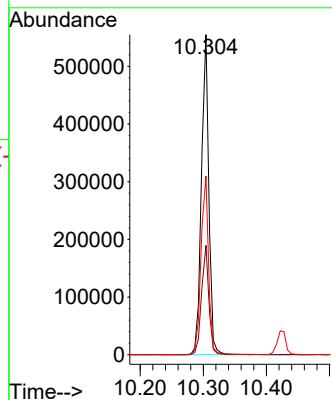
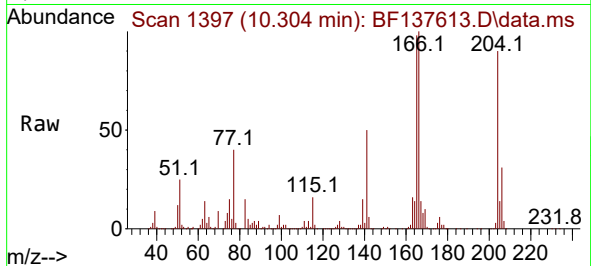




#61
4-Chlorophenyl-phenylether
Concen: 39.856 ng
RT: 10.304 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

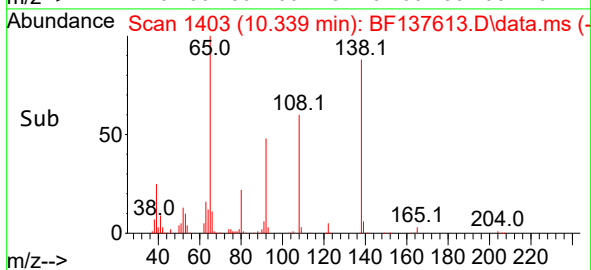
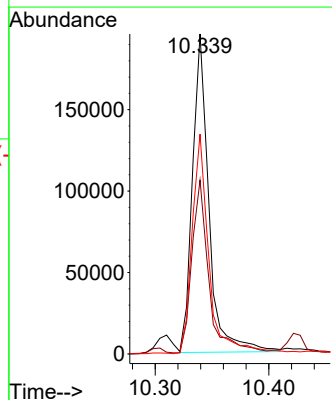
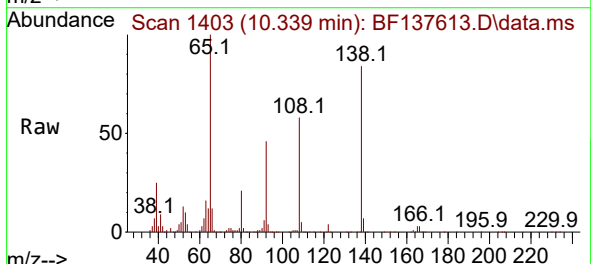
Instrument :
BNA_F
ClientSampleId :
PB159613BSD

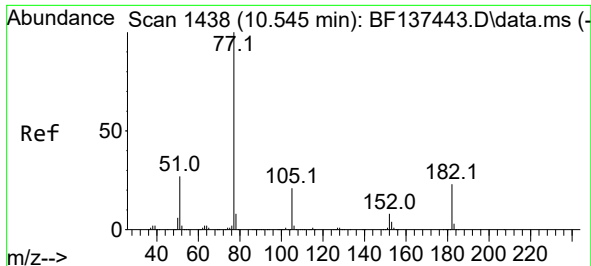
Tgt Ion:204 Resp: 448022
Ion Ratio Lower Upper
204 100
206 34.1 27.4 41.0
141 55.8 48.4 72.6



#62
4-Nitroaniline
Concen: 40.447 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

Tgt Ion:138 Resp: 196911
Ion Ratio Lower Upper
138 100
92 54.4 37.9 77.9
108 68.7 53.2 93.2

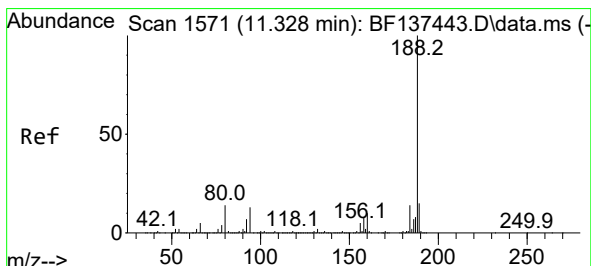
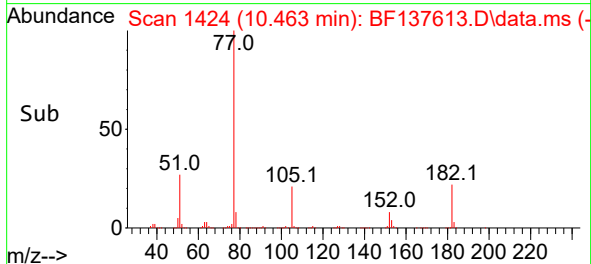
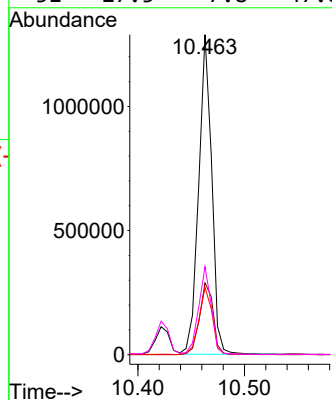
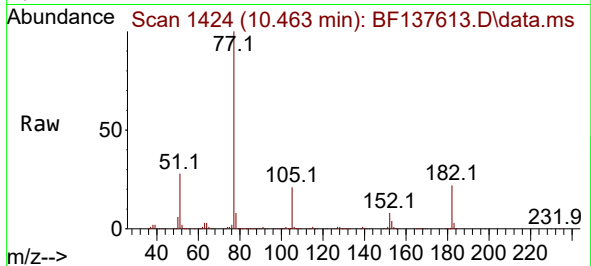




#63
Azobenzene
Concen: 39.414 ng
RT: 10.463 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

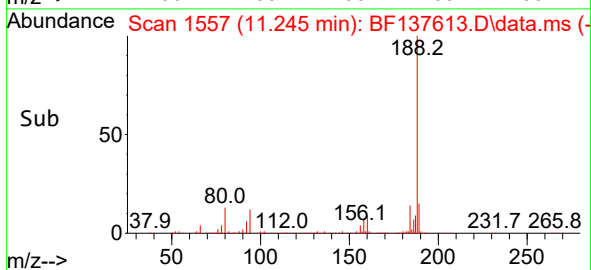
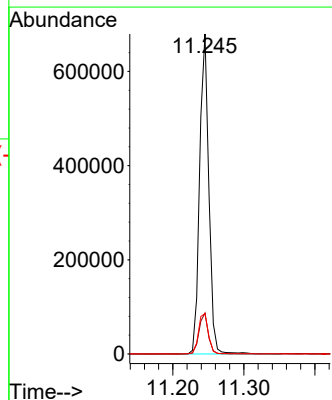
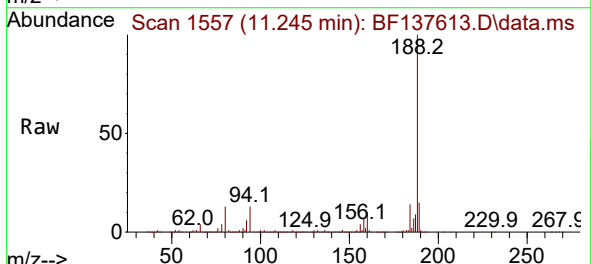
Instrument :
BNA_F
ClientSampleId :
PB159613BSD

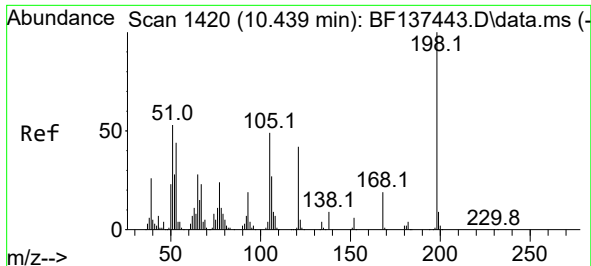
Tgt Ion: 77 Resp: 1097286
Ion Ratio Lower Upper
77 100
182 22.5 3.2 43.2
105 21.0 1.2 41.2
51 27.5 7.8 47.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. 0.006 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

Tgt Ion: 188 Resp: 614466
Ion Ratio Lower Upper
188 100
94 12.8 10.6 15.8
80 12.7 11.5 17.3

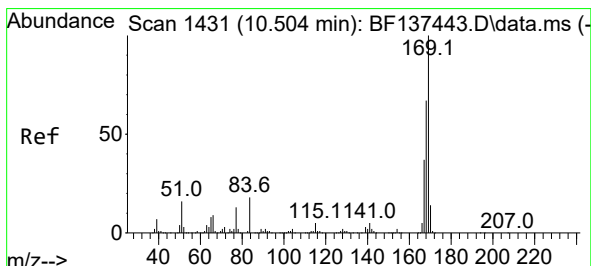
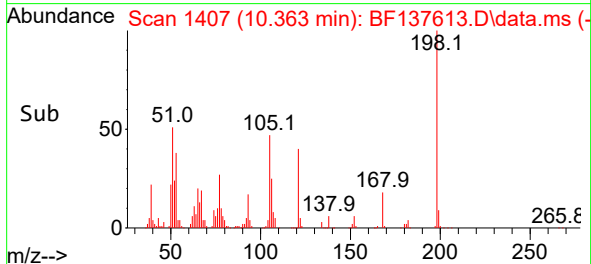
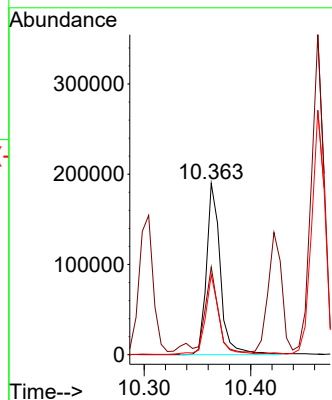
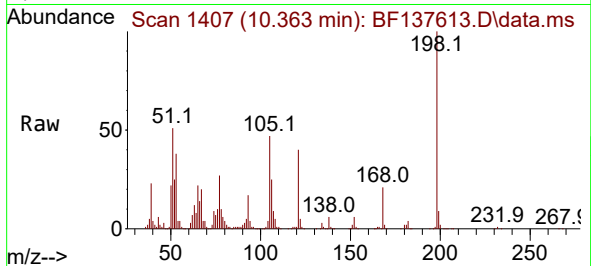




#65
4,6-Dinitro-2-methylphenol
Concen: 50.257 ng
RT: 10.363 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

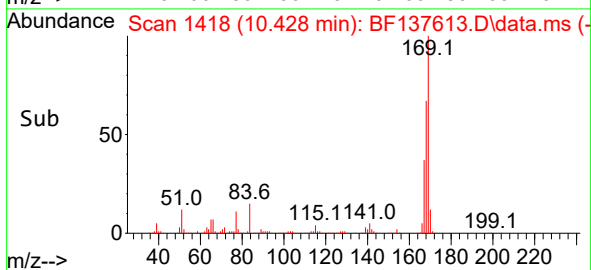
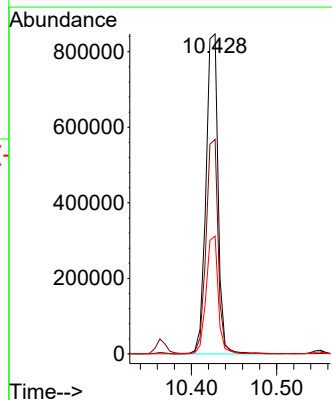
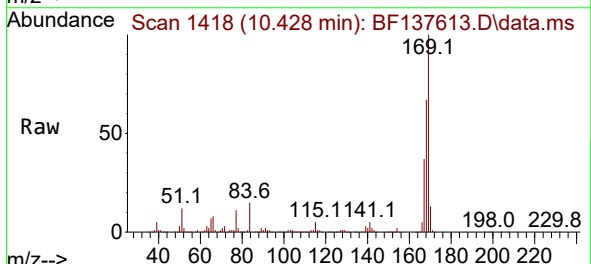
Instrument :
BNA_F
ClientSampleId :
PB159613BSD

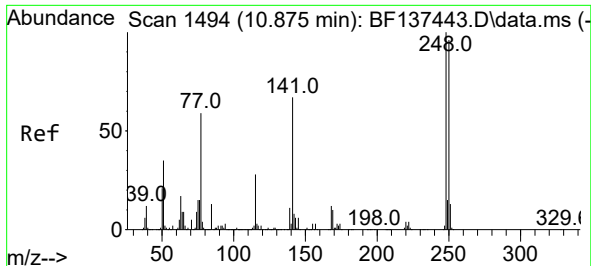
Tgt Ion:198 Resp: 172114
Ion Ratio Lower Upper
198 100
51 51.1 37.2 77.2
105 46.7 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 42.176 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

Tgt Ion:169 Resp: 834526
Ion Ratio Lower Upper
169 100
168 67.0 53.8 80.6
167 36.8 29.6 44.4

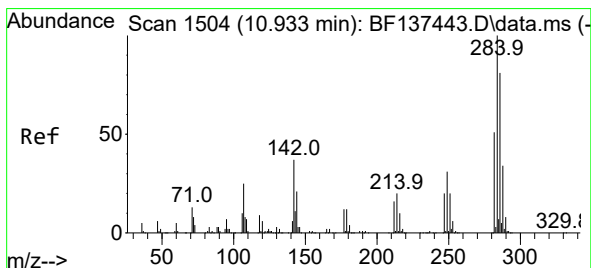
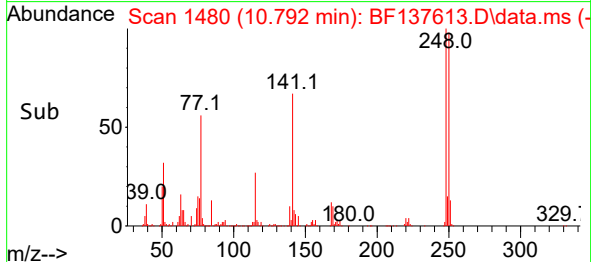
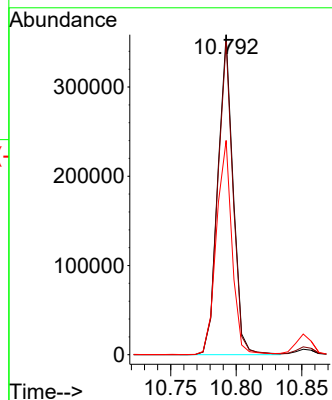
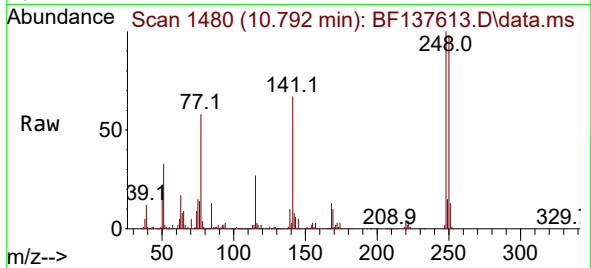




#67
4-Bromophenyl-phenylether
Concen: 43.386 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

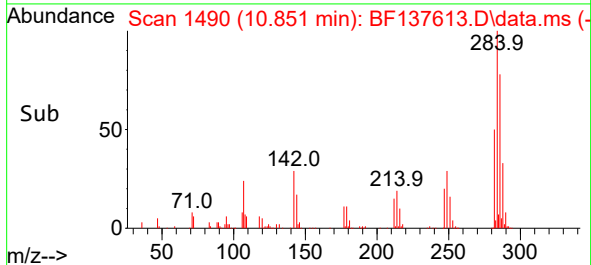
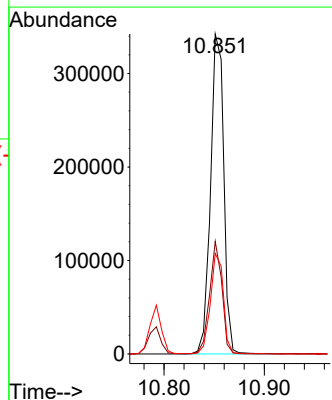
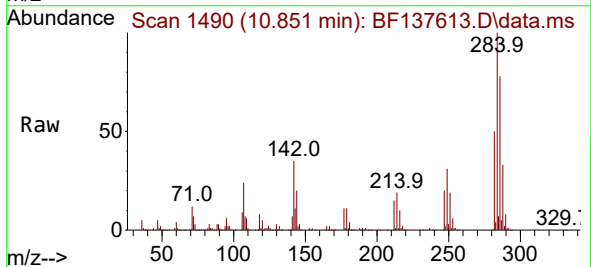
Instrument :
BNA_F
ClientSampleId :
PB159613BSD

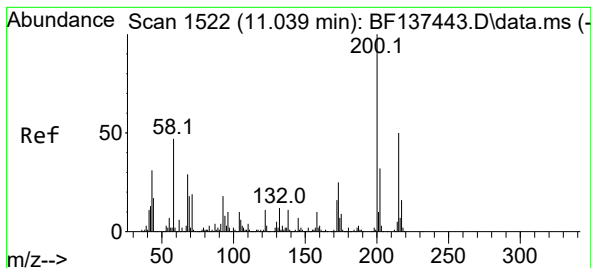
Tgt Ion:248 Resp: 290367
Ion Ratio Lower Upper
248 100
250 97.8 76.8 115.2
141 66.9 53.4 80.0



#68
Hexachlorobenzene
Concen: 46.688 ng
RT: 10.851 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

Tgt Ion:284 Resp: 315595
Ion Ratio Lower Upper
284 100
142 35.2 29.4 44.0
249 31.4 25.0 37.4





#69

Atrazine

Concen: 44.732 ng

RT: 10.951 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137613.D

Acq: 15 Mar 2024 17:02

Instrument :

BNA_F

ClientSampleId :

PB159613BSD

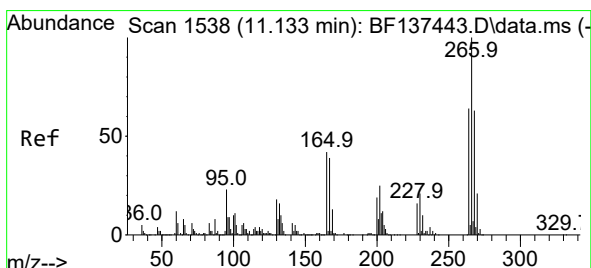
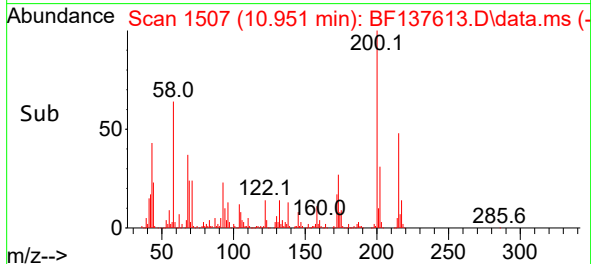
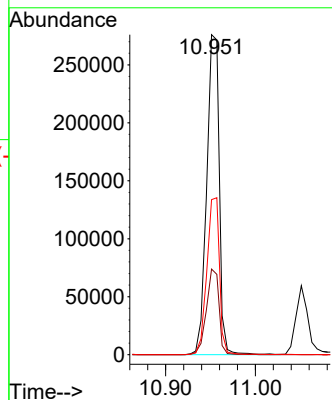
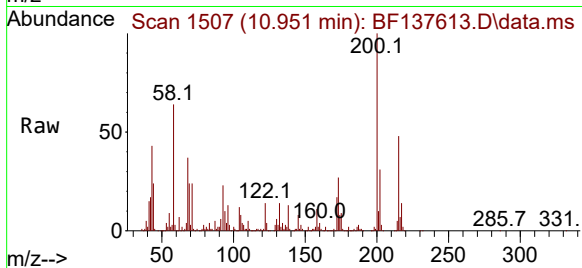
Tgt Ion:200 Resp: 269068

Ion Ratio Lower Upper

200 100

173 26.7 5.1 45.1

215 48.5 30.4 70.4



#70

Pentachlorophenol

Concen: 81.319 ng

RT: 11.051 min Scan# 1524

Delta R.T. 0.006 min

Lab File: BF137613.D

Acq: 15 Mar 2024 17:02

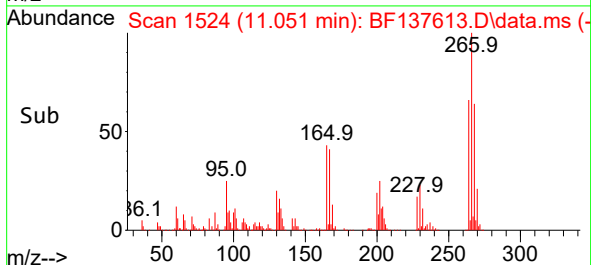
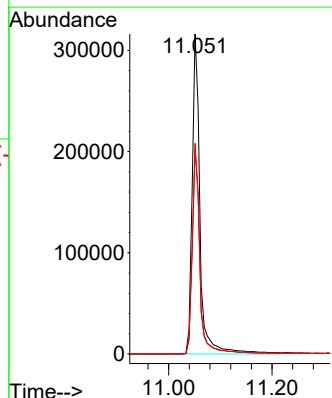
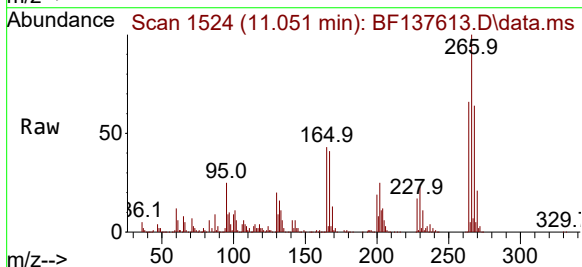
Tgt Ion:266 Resp: 332299

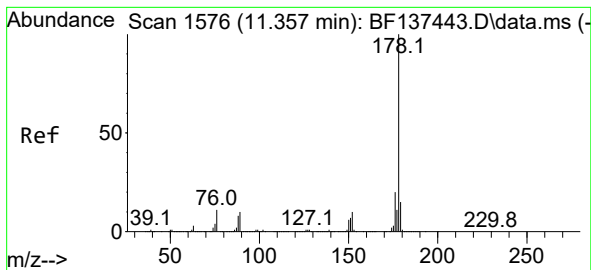
Ion Ratio Lower Upper

266 100

268 64.1 50.2 75.2

264 65.9 50.9 76.3





#71

Phenanthrene

Concen: 40.959 ng

RT: 11.269 min Scan# 1561

Delta R.T. 0.000 min

Lab File: BF137613.D

Acq: 15 Mar 2024 17:02

Instrument :

BNA_F

ClientSampleId :

PB159613BSD

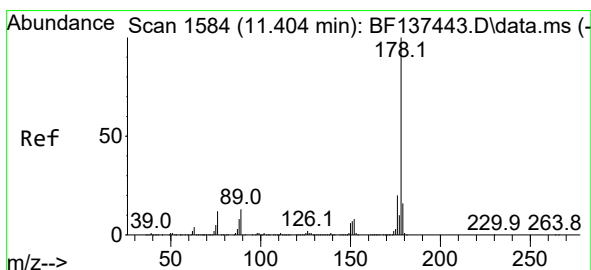
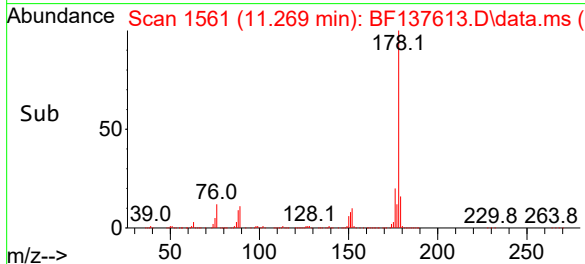
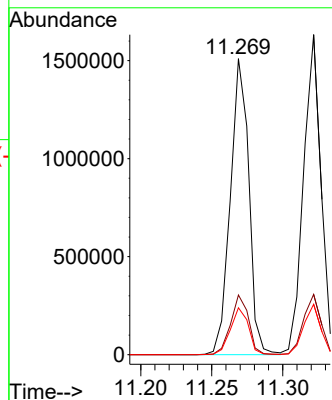
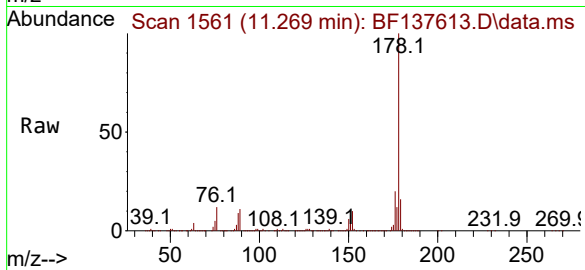
Tgt Ion:178 Resp: 1369706

Ion Ratio Lower Upper

178 100

176 20.2 15.8 23.8

179 15.8 12.2 18.2



#72

Anthracene

Concen: 41.070 ng

RT: 11.322 min Scan# 1570

Delta R.T. 0.006 min

Lab File: BF137613.D

Acq: 15 Mar 2024 17:02

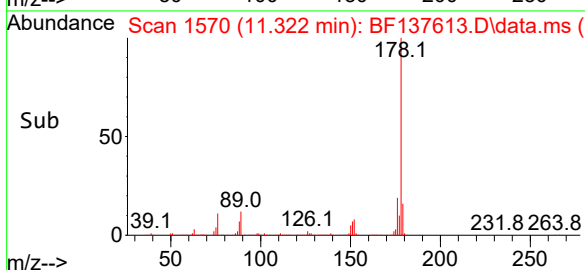
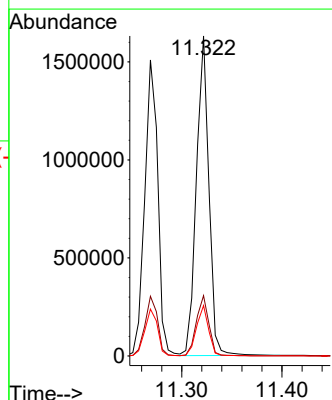
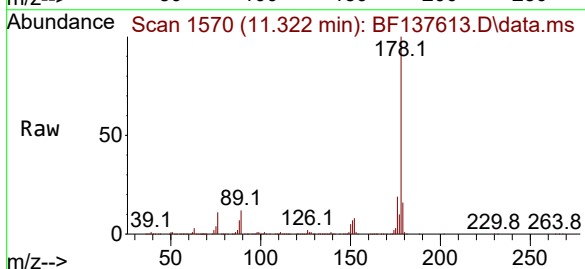
Tgt Ion:178 Resp: 1410556

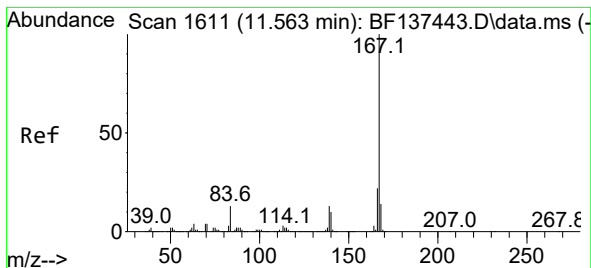
Ion Ratio Lower Upper

178 100

176 18.9 15.7 23.5

179 15.8 12.7 19.1





#73

Carbazole

Concen: 43.081 ng

RT: 11.480 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137613.D

Acq: 15 Mar 2024 17:02

Instrument :

BNA_F

ClientSampleId :

PB159613BSD

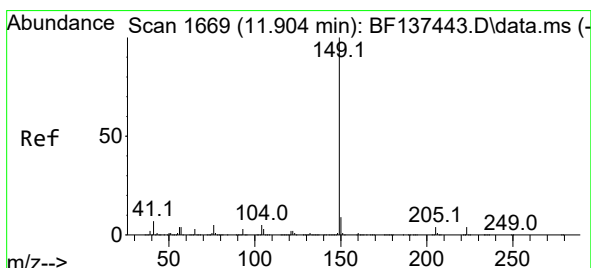
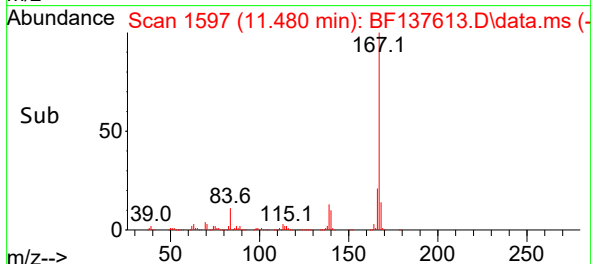
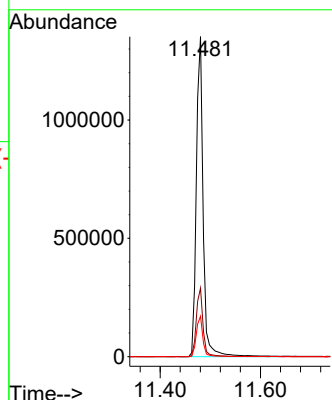
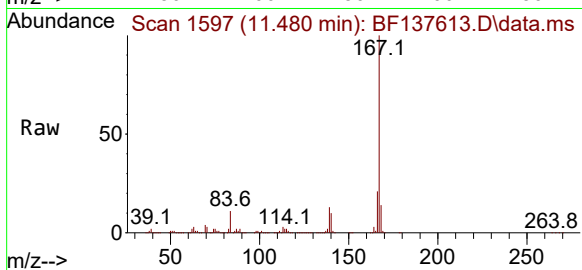
Tgt Ion:167 Resp: 1267394

Ion Ratio Lower Upper

167 100

166 21.5 17.8 26.8

139 12.7 10.5 15.7



#74

Di-n-butylphthalate

Concen: 42.209 ng

RT: 11.810 min Scan# 1653

Delta R.T. 0.000 min

Lab File: BF137613.D

Acq: 15 Mar 2024 17:02

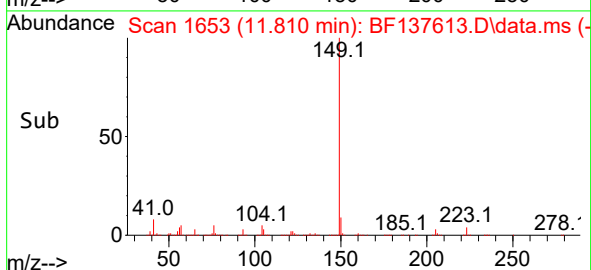
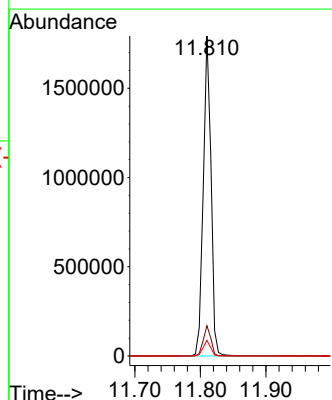
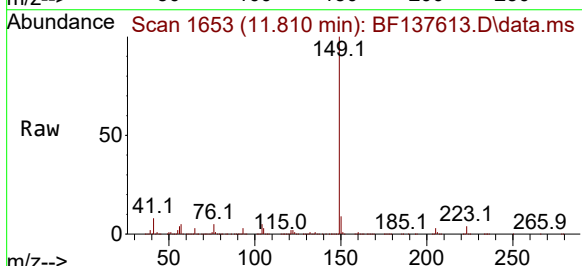
Tgt Ion:149 Resp: 1477415

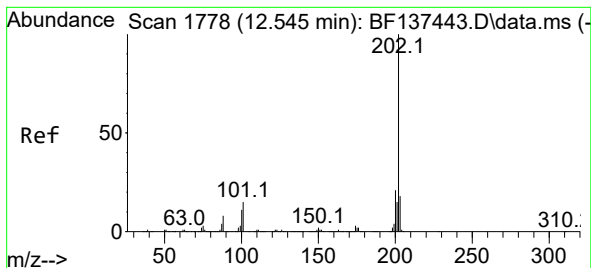
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.0

104 4.9 3.8 5.6





#75

Fluoranthene

Concen: 42.076 ng

RT: 12.457 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137613.D

Acq: 15 Mar 2024 17:02

Instrument :

BNA_F

ClientSampleId :

PB159613BSD

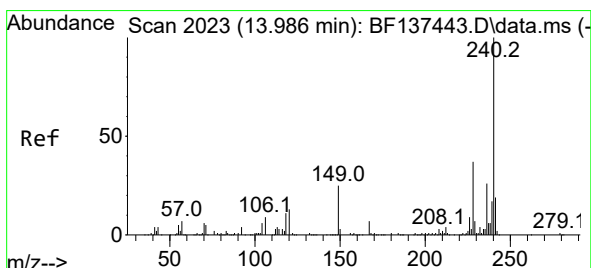
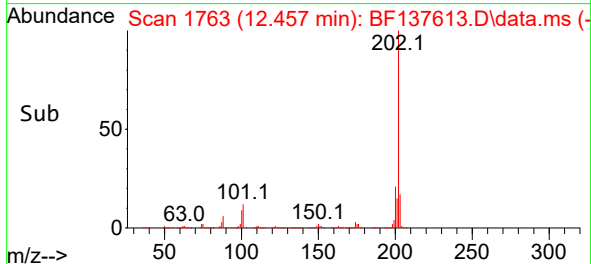
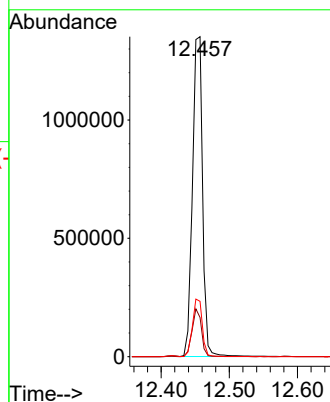
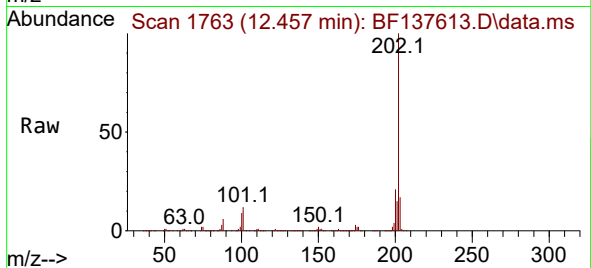
Tgt Ion:202 Resp: 1375345

Ion Ratio Lower Upper

202 100

101 12.3 0.0 35.0

203 17.3 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.880 min Scan# 2005

Delta R.T. 0.006 min

Lab File: BF137613.D

Acq: 15 Mar 2024 17:02

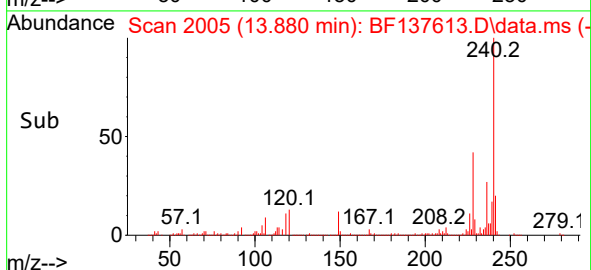
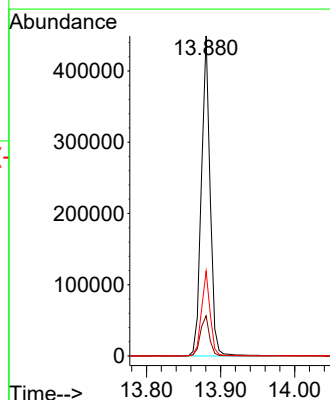
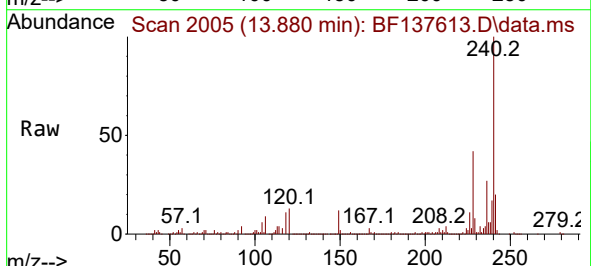
Tgt Ion:240 Resp: 368786

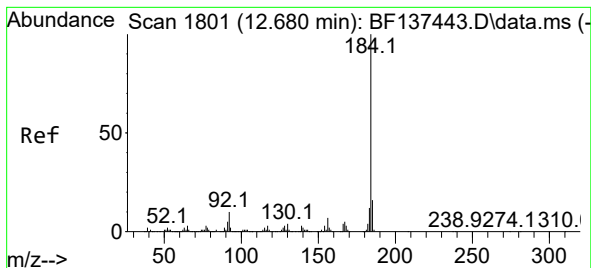
Ion Ratio Lower Upper

240 100

120 12.6 10.4 15.6

236 26.5 20.9 31.3





#77

Benzidine

Concen: 32.027 ng

RT: 12.586 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137613.D

Acq: 15 Mar 2024 17:02

Instrument :

BNA_F

ClientSampleId :

PB159613BSD

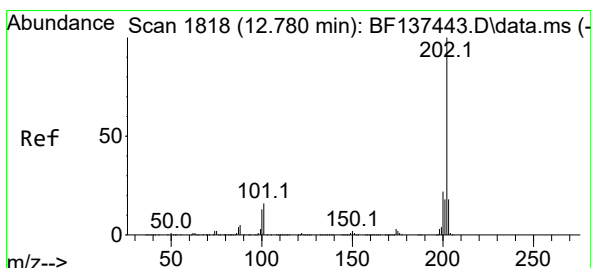
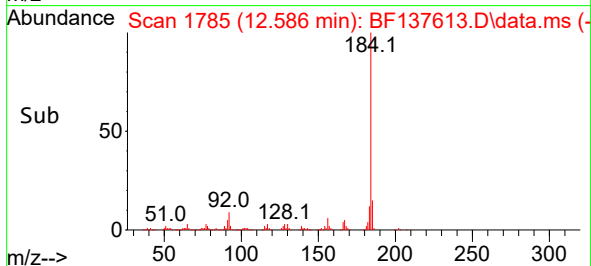
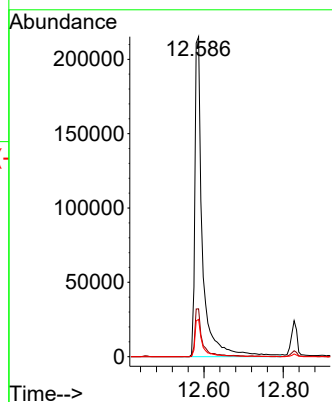
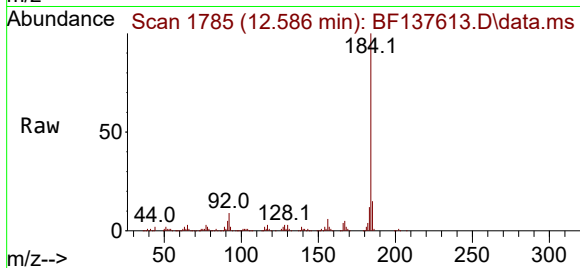
Tgt Ion:184 Resp: 289042

Ion Ratio Lower Upper

184 100

185 14.9 13.2 19.8

183 11.7 9.3 13.9



#78

Pyrene

Concen: 39.074 ng

RT: 12.680 min Scan# 1801

Delta R.T. 0.000 min

Lab File: BF137613.D

Acq: 15 Mar 2024 17:02

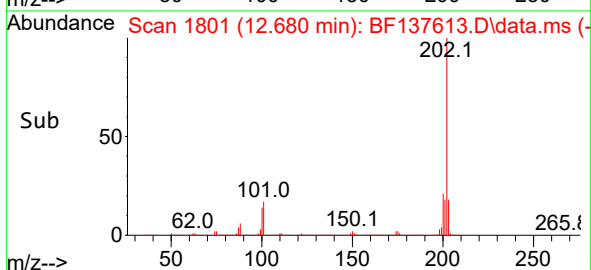
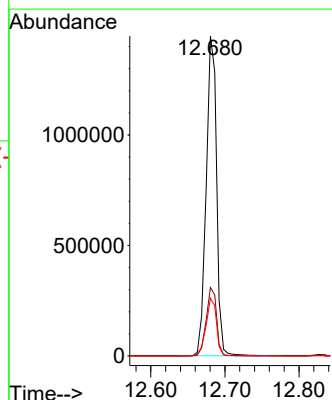
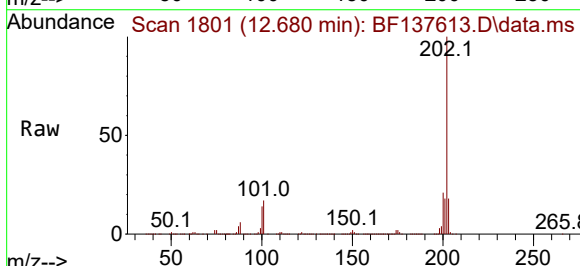
Tgt Ion:202 Resp: 1413949

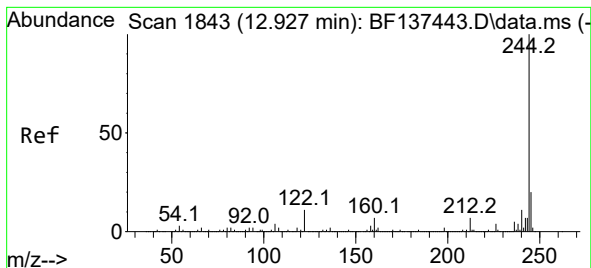
Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

203 18.1 14.1 21.1





#79

Terphenyl-d14

Concen: 73.272 ng

RT: 12.827 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137613.D

Acq: 15 Mar 2024 17:02

Instrument :

BNA_F

ClientSampleId :

PB159613BSD

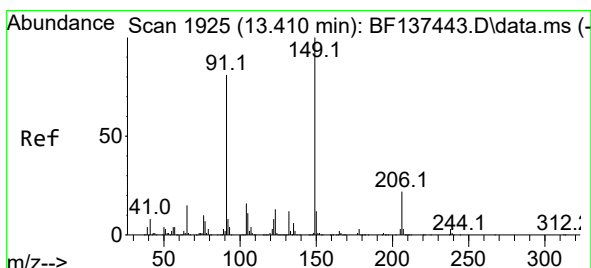
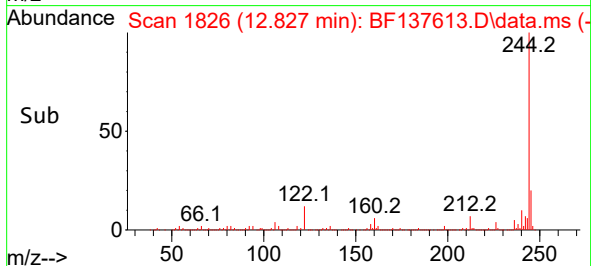
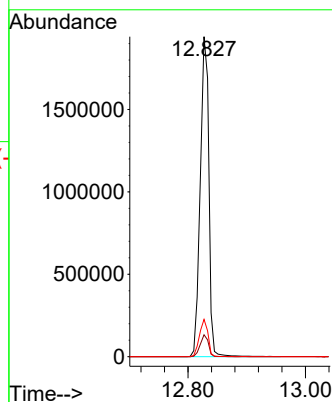
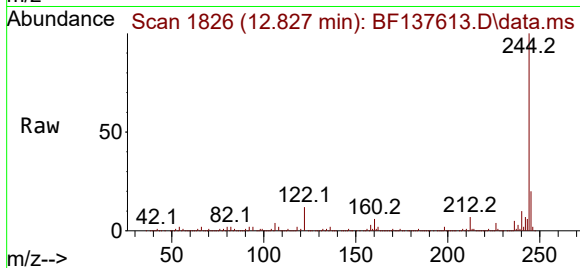
Tgt Ion:244 Resp: 1965064

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 11.7 9.1 13.7



#80

Butylbenzylphthalate

Concen: 56.268 ng

RT: 13.304 min Scan# 1907

Delta R.T. 0.000 min

Lab File: BF137613.D

Acq: 15 Mar 2024 17:02

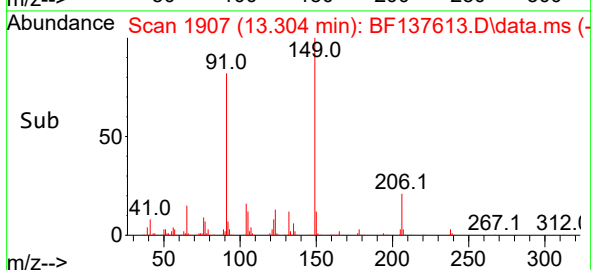
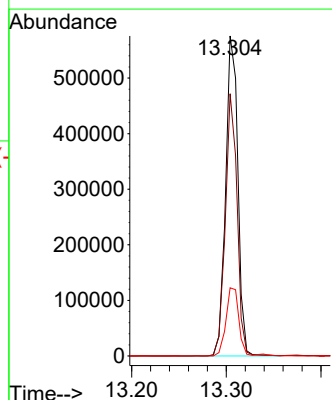
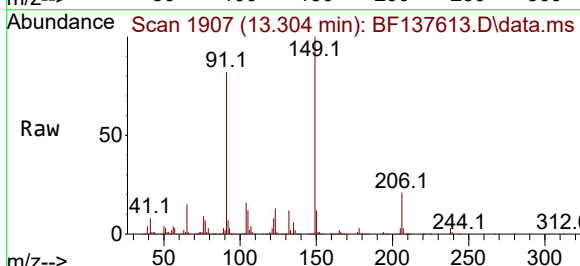
Tgt Ion:149 Resp: 520002

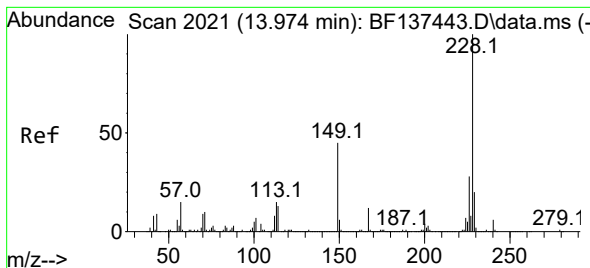
Ion Ratio Lower Upper

149 100

91 81.9 64.7 97.1

206 21.3 17.5 26.3





#81

Benzo(a)anthracene

Concen: 42.328 ng

RT: 13.869 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF137613.D

Acq: 15 Mar 2024 17:02

Instrument :

BNA_F

ClientSampleId :

PB159613BSD

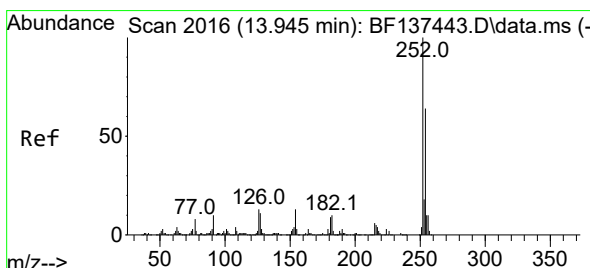
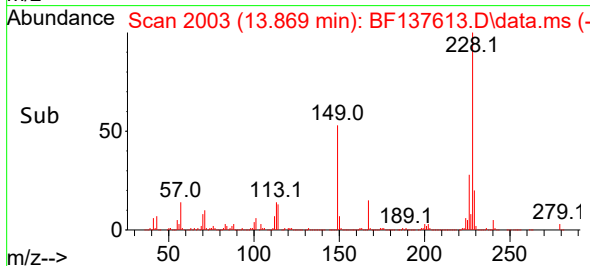
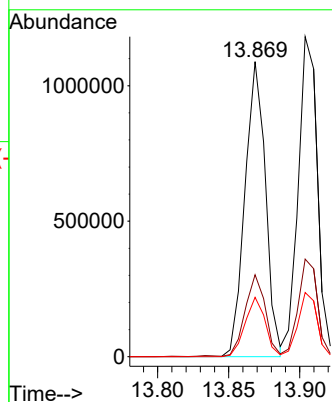
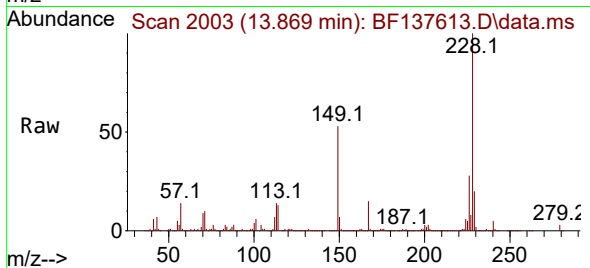
Tgt Ion:228 Resp: 1094091

Ion Ratio Lower Upper

228 100

226 27.7 22.3 33.5

229 20.1 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 31.577 ng

RT: 13.833 min Scan# 1997

Delta R.T. 0.000 min

Lab File: BF137613.D

Acq: 15 Mar 2024 17:02

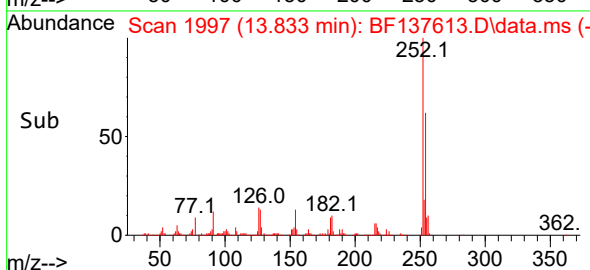
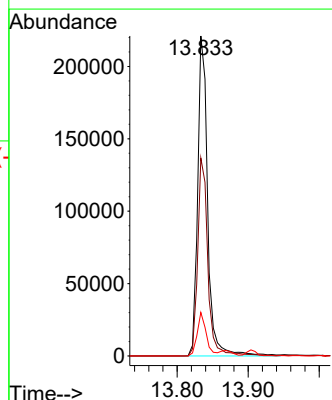
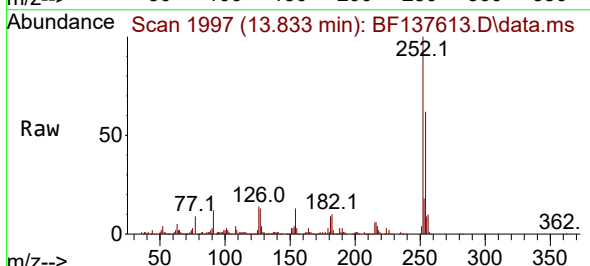
Tgt Ion:252 Resp: 217356

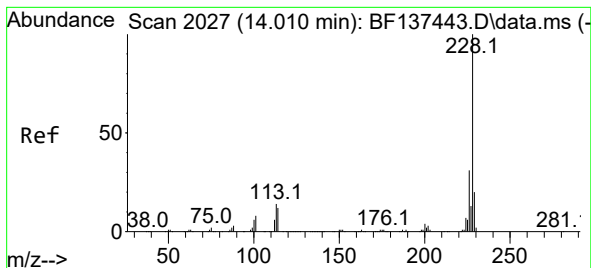
Ion Ratio Lower Upper

252 100

254 61.8 51.4 77.2

126 13.6 10.4 15.6





#83

Chrysene

Concen: 43.194 ng

RT: 13.904 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF137613.D

Acq: 15 Mar 2024 17:02

Instrument :

BNA_F

ClientSampleId :

PB159613BSD

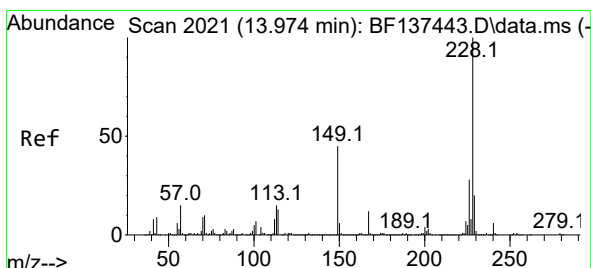
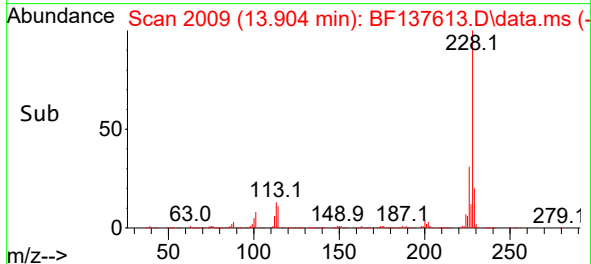
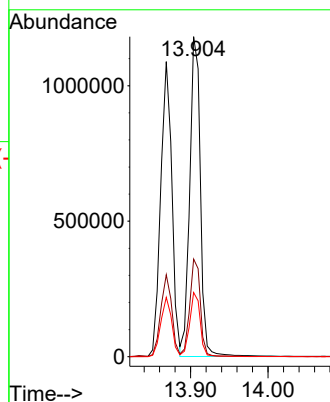
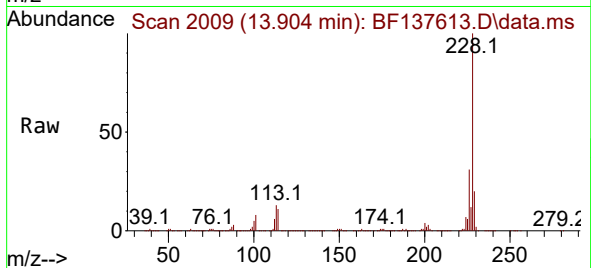
Tgt Ion:228 Resp: 1128419

Ion Ratio Lower Upper

228 100

226 30.5 24.7 37.1

229 20.0 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.367 ng

RT: 13.863 min Scan# 2002

Delta R.T. 0.000 min

Lab File: BF137613.D

Acq: 15 Mar 2024 17:02

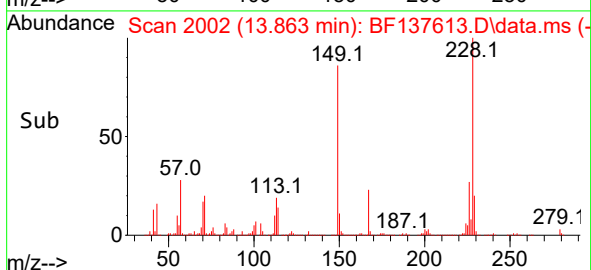
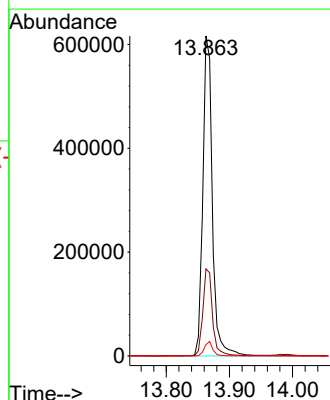
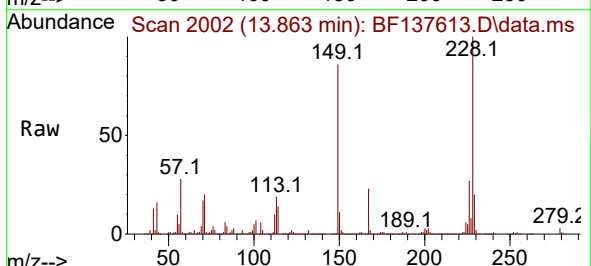
Tgt Ion:149 Resp: 650352

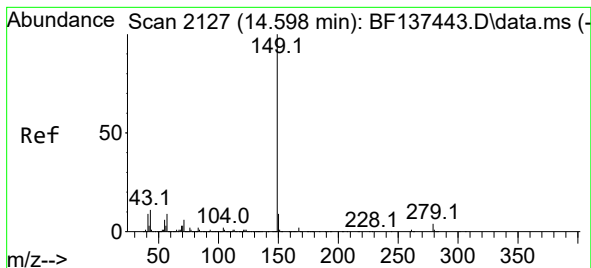
Ion Ratio Lower Upper

149 100

167 27.2 21.3 31.9

279 3.6 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 48.385 ng

RT: 14.474 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF137613.D

Acq: 15 Mar 2024 17:02

Instrument :

BNA_F

ClientSampleId :

PB159613BSD

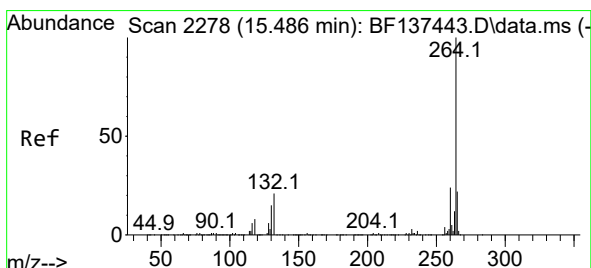
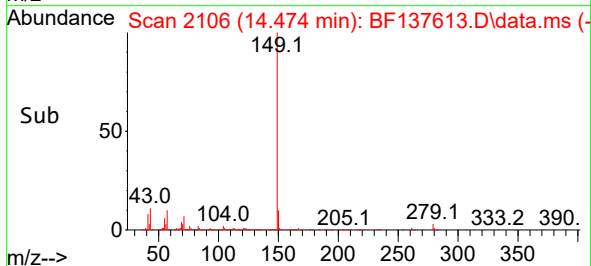
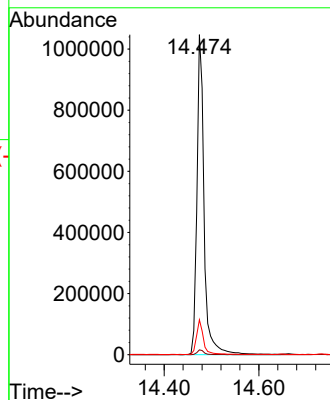
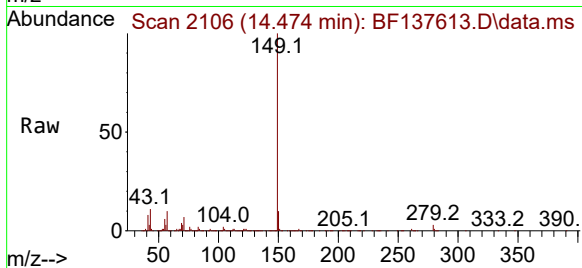
Tgt Ion:149 Resp: 1096493

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.5 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 2246

Delta R.T. 0.000 min

Lab File: BF137613.D

Acq: 15 Mar 2024 17:02

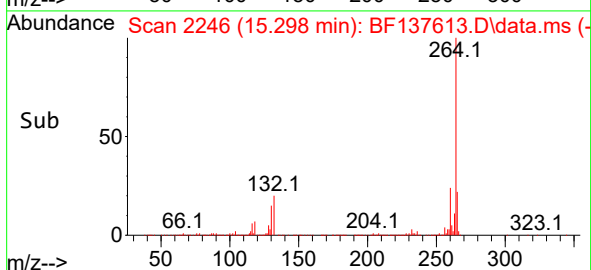
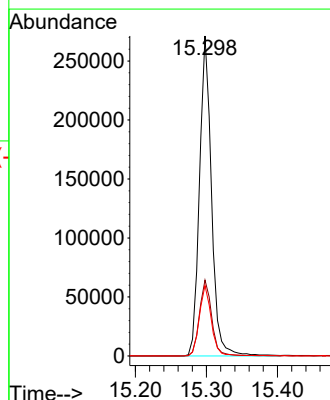
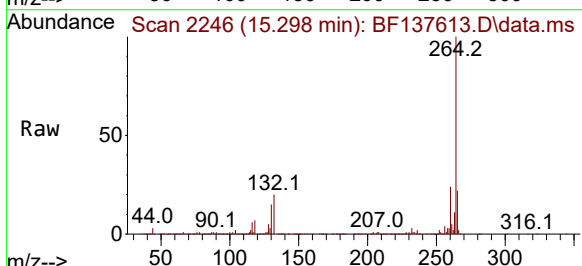
Tgt Ion:264 Resp: 320365

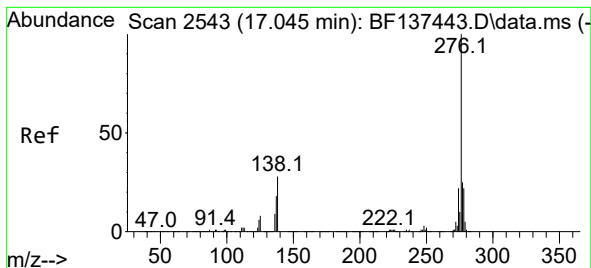
Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

265 22.0 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.416 ng

RT: 16.686 min Scan# 2482

Delta R.T. 0.000 min

Lab File: BF137613.D

Acq: 15 Mar 2024 17:02

Instrument :

BNA_F

ClientSampleId :

PB159613BSD

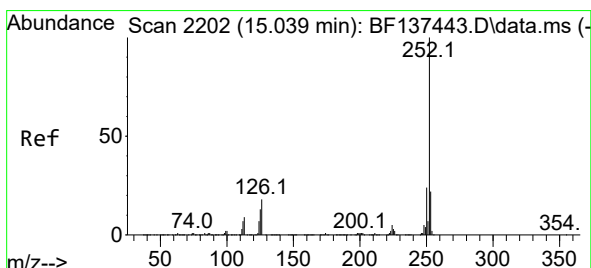
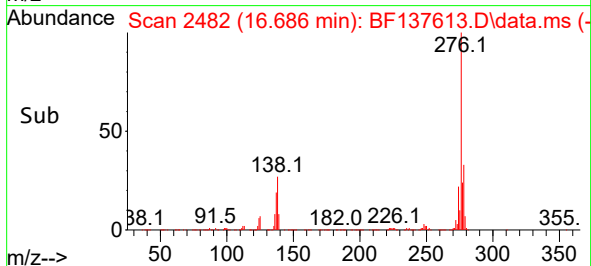
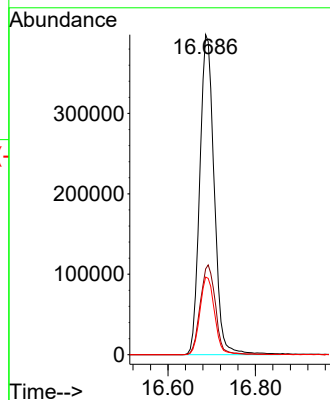
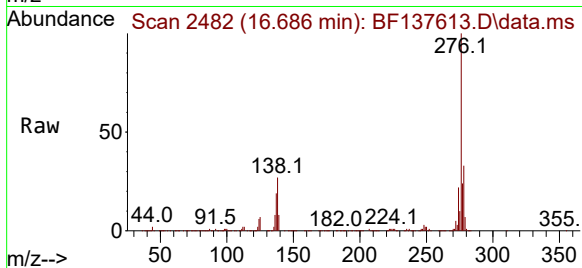
Tgt Ion:276 Resp: 915313

Ion Ratio Lower Upper

276 100

138 29.4 25.8 38.8

277 24.7 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 49.874 ng

RT: 14.892 min Scan# 2177

Delta R.T. 0.000 min

Lab File: BF137613.D

Acq: 15 Mar 2024 17:02

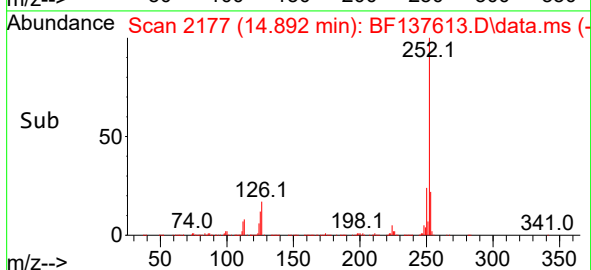
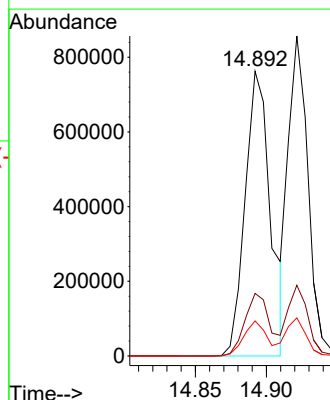
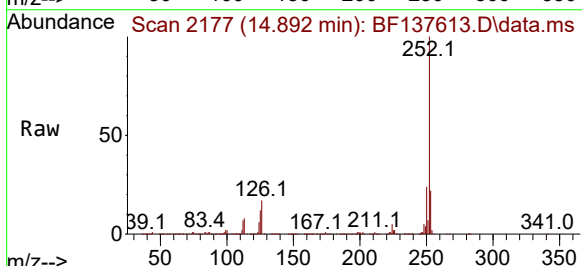
Tgt Ion:252 Resp: 945152

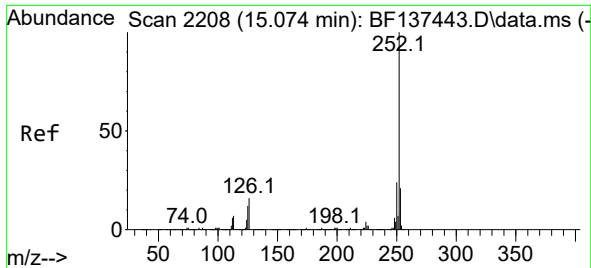
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 12.3 10.1 15.1

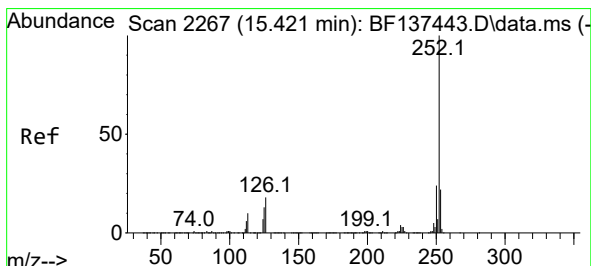
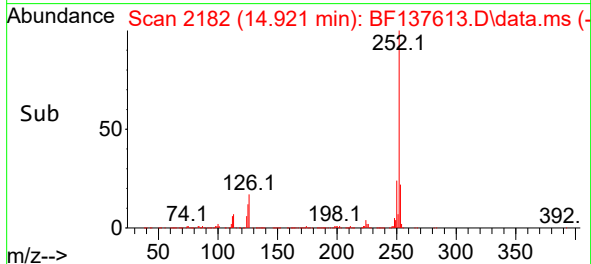
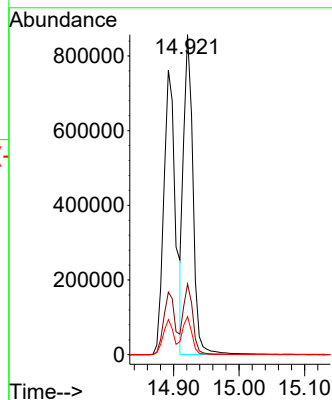
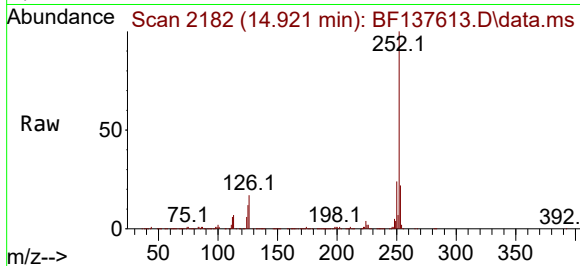




#89
Benzo(k)fluoranthene
Concen: 41.687 ng
RT: 14.921 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

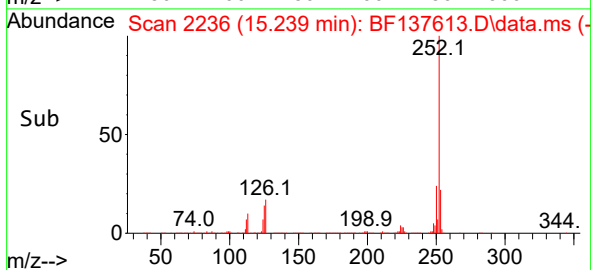
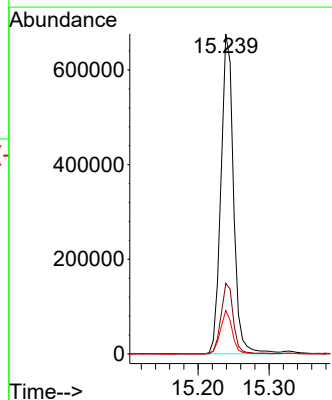
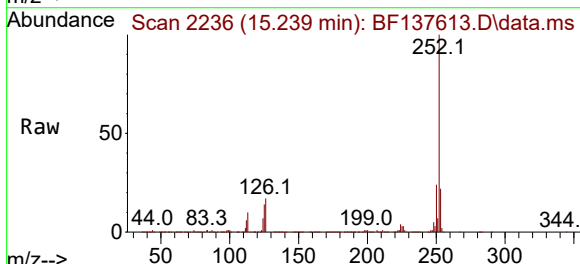
Instrument :
BNA_F
ClientSampleId :
PB159613BSD

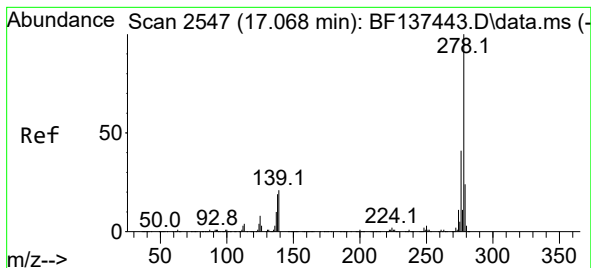
Tgt Ion:252 Resp: 848549
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 11.9 9.6 14.4



#90
Benzo(a)pyrene
Concen: 44.135 ng
RT: 15.239 min Scan# 2236
Delta R.T. 0.000 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

Tgt Ion:252 Resp: 824227
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 13.6 10.4 15.6

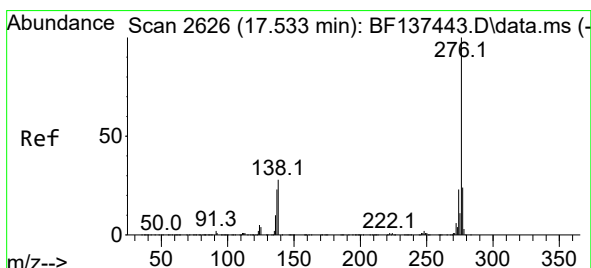
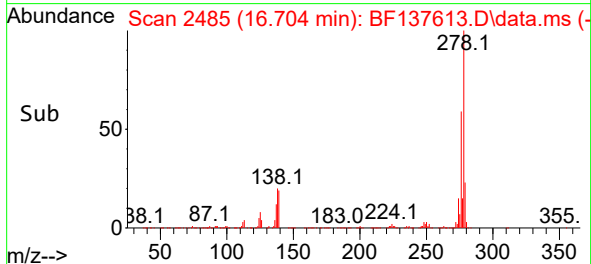
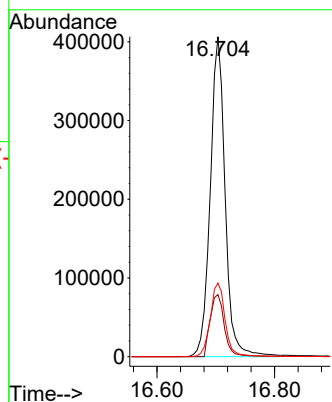
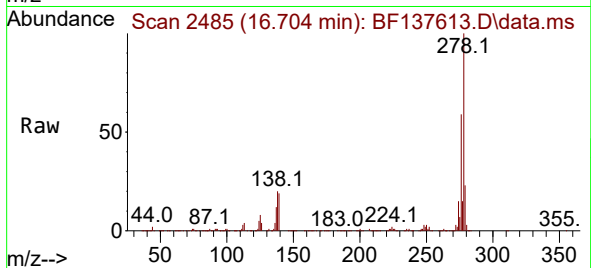




#91
Dibenzo(a,h)anthracene
Concen: 41.796 ng
RT: 16.704 min Scan# 24
Delta R.T. 0.006 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

Instrument :
BNA_F
ClientSampleId :
PB159613BSD

Tgt Ion:278 Resp: 714794
Ion Ratio Lower Upper
278 100
139 19.4 17.0 25.6
279 23.0 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 41.597 ng
RT: 17.110 min Scan# 2554
Delta R.T. 0.006 min
Lab File: BF137613.D
Acq: 15 Mar 2024 17:02

Tgt Ion:276 Resp: 730592
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.4
138 24.3 22.2 33.2

