

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
 Data File : BF137497.D
 Acq On : 05 Mar 2024 13:23
 Operator : CG\JU
 Sample : PB159421BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159421BS

Quant Time: Mar 05 13:45:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 00:26:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	232497	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	942981	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	508300	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	884420	20.000	ng	0.00
76) Chrysene-d12	14.051	240	473297	20.000	ng	0.00
86) Perylene-d12	15.574	264	429218	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1893950	123.376	ng	0.02
7) Phenol-d6	6.510	99	2632073	118.783	ng	0.00
23) Nitrobenzene-d5	7.422	82	1686421	83.096	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	598955	134.182	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	2602106	80.135	ng	0.00
79) Terphenyl-d14	12.992	244	2951578	85.754	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.793	88	307468	36.631	ng	99
3) Pyridine	3.557	79	695745	34.369	ng	99
4) n-Nitrosodimethylamine	3.540	42	362091	44.461	ng	# 96
6) Aniline	6.534	93	666767	24.626	ng	99
8) 2-Chlorophenol	6.645	128	762881	47.117	ng	93
10) Phenol	6.522	94	1017703	42.671	ng	95
11) bis(2-Chloroethyl)ether	6.604	93	793623	45.409	ng	100
12) 1,3-Dichlorobenzene	6.798	146	765555	44.248	ng	99
13) 1,4-Dichlorobenzene	6.875	146	794920	44.905	ng	97
14) 1,2-Dichlorobenzene	7.028	146	741706	45.648	ng	97
15) Benzyl Alcohol	7.004	79	695860	50.443	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	1290930	42.971	ng	96
17) 2-Methylphenol	7.122	107	646547	42.674	ng	96
18) Hexachloroethane	7.363	117	271322	46.548	ng	97
19) n-Nitroso-di-n-propyla...	7.275	70	569606	41.628	ng	96
20) 3+4-Methylphenols	7.269	107	715088	41.211	ng	98
22) Acetophenone	7.269	105	1024157	44.888	ng	# 95
24) Nitrobenzene	7.445	77	878716	43.101	ng	95
25) Isophorone	7.681	82	1664778	43.177	ng	98
26) 2-Nitrophenol	7.757	139	384940	47.559	ng	96
27) 2,4-Dimethylphenol	7.792	122	597424	39.502	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	979252	43.287	ng	99
29) 2,4-Dichlorophenol	7.998	162	628628	45.289	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	649672	44.477	ng	99
31) Naphthalene	8.157	128	2112624	41.756	ng	100
32) Benzoic acid	7.945	122	386425	44.844	ng	98
33) 4-Chloroaniline	8.210	127	183142	9.231	ng	98
34) Hexachlorobutadiene	8.275	225	376100	43.613	ng	99
35) Caprolactam	8.586	113	123829	26.310	ng	100
36) 4-Chloro-3-methylphenol	8.698	107	685922	44.209	ng	99
37) 2-Methylnaphthalene	8.851	142	1290682	40.017	ng	100
38) 1-Methylnaphthalene	8.945	142	1251758	41.211	ng	99
40) 1,2,4,5-Tetrachloroben...	9.016	216	645554	45.492	ng	99
41) Hexachlorocyclopentadiene	8.998	237	570467	96.602	ng	100
43) 2,4,6-Trichlorophenol	9.133	196	428548	46.375	ng	98
44) 2,4,5-Trichlorophenol	9.181	196	446454	41.940	ng	98

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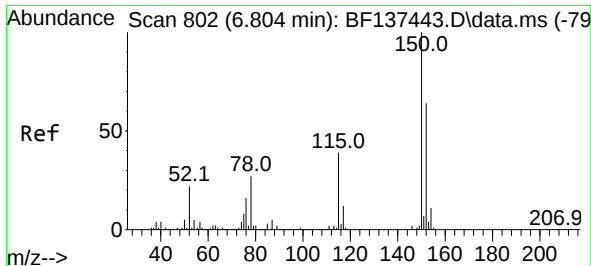
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.316	154	1628916	43.784	ng	98
47) 2-Chloronaphthalene	9.339	162	1266203	44.641	ng	98
48) 2-Nitroaniline	9.445	65	442403	45.889	ng	99
49) Acenaphthylene	9.757	152	1997643	44.008	ng	99
50) Dimethylphthalate	9.628	163	1529034	43.213	ng	100
51) 2,6-Dinitrotoluene	9.686	165	343669	46.437	ng	98
52) Acenaphthene	9.928	154	1144975	42.251	ng	99
53) 3-Nitroaniline	9.857	138	191872	24.510	ng	98
54) 2,4-Dinitrophenol	9.969	184	339426	92.588	ng	92
55) Dibenzofuran	10.104	168	1722552	41.734	ng	100
56) 4-Nitrophenol	10.033	139	505582	90.169	ng	95
57) 2,4-Dinitrotoluene	10.092	165	415241	45.669	ng	94
58) Fluorene	10.445	166	1301441	41.057	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	384558	45.049	ng	93
60) Diethylphthalate	10.328	149	1411469	42.242	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	632790	40.733	ng	98
62) 4-Nitroaniline	10.480	138	290541	43.183	ng	97
63) Azobenzene	10.604	77	1640822	42.646	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	229669	46.593	ng	86
66) n-Nitrosodiphenylamine	10.563	169	1208608	42.438	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	411236	42.691	ng	99
68) Hexachlorobenzene	10.992	284	450855	46.339	ng	98
69) Atrazine	11.098	200	399972	46.199	ng	96
70) Pentachlorophenol	11.192	266	516140	87.755	ng	98
71) Phenanthrene	11.416	178	1996528	41.480	ng	99
72) Anthracene	11.469	178	2048102	41.431	ng	100
73) Carbazole	11.627	167	1854395	43.794	ng	100
74) Di-n-butylphthalate	11.963	149	2200910	43.687	ng	99
75) Fluoranthene	12.610	202	2031934	43.189	ng	99
77) Benzidine	12.745	184	241879	20.883	ng	98
78) Pyrene	12.839	202	2056221	44.276	ng	99
80) Butylbenzylphthalate	13.474	149	634954	53.536	ng	99
81) Benzo(a)anthracene	14.039	228	1443180	43.505	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	267633	30.296	ng	97
83) Chrysene	14.080	228	1439092	42.922	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	788900	52.332	ng	99
85) Di-n-octyl phthalate	14.668	149	1290073	44.823	ng	98
87) Indeno(1,2,3-cd)pyrene	17.162	276	1370395	48.517	ng	98
88) Benzo(b)fluoranthene	15.121	252	1197983	47.183	ng	100
89) Benzo(k)fluoranthene	15.157	252	1168108	42.833	ng	99
90) Benzo(a)pyrene	15.510	252	1068348	42.699	ng	99
91) Dibenzo(a,h)anthracene	17.192	278	1116085	48.710	ng	99
92) Benzo(g,h,i)perylene	17.651	276	1131827	48.099	ng	99

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

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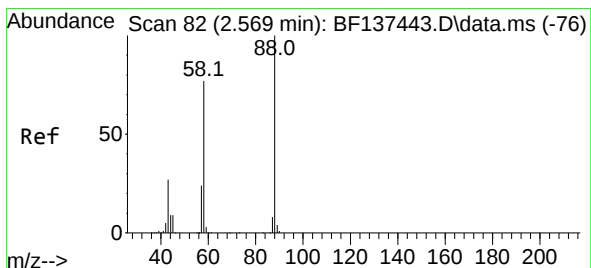
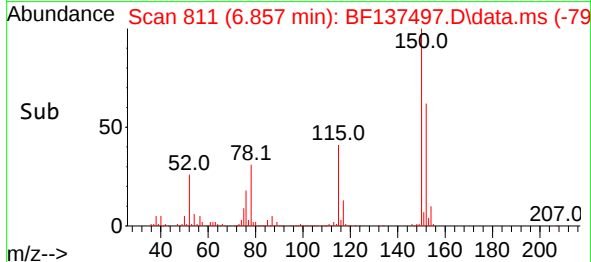
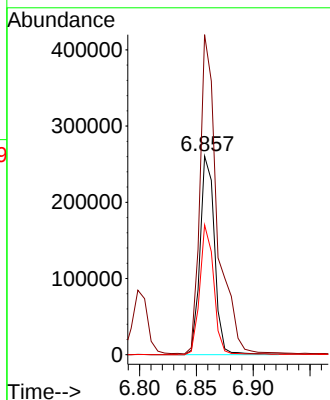
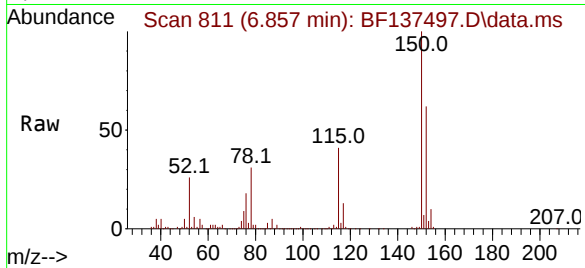




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF137497.D
 Acq: 05 Mar 2024 13:23

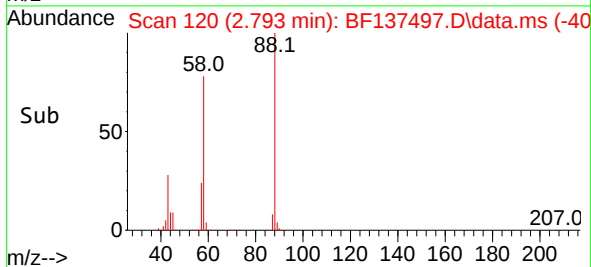
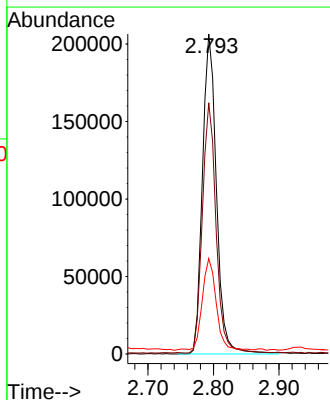
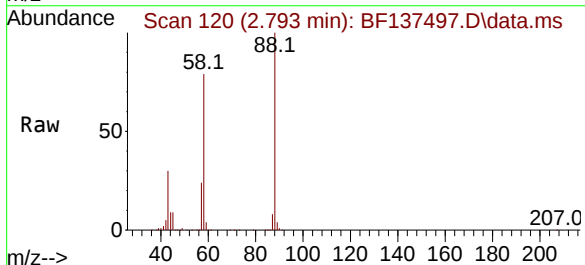
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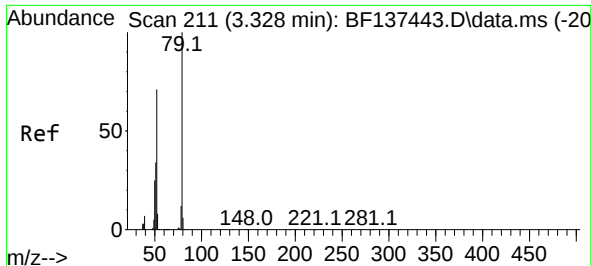
Tgt Ion:152 Resp: 232497
 Ion Ratio Lower Upper
 152 100
 150 161.1 125.8 188.6
 115 65.3 48.8 73.2



#2
 1,4-Dioxane
 Concen: 36.631 ng
 RT: 2.793 min Scan# 120
 Delta R.T. 0.118 min
 Lab File: BF137497.D
 Acq: 05 Mar 2024 13:23

Tgt Ion: 88 Resp: 307468
 Ion Ratio Lower Upper
 88 100
 58 76.5 61.8 92.8
 43 28.7 22.2 33.4

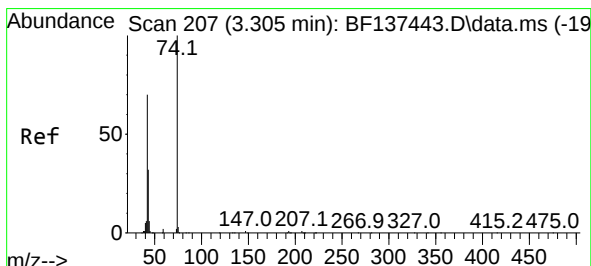
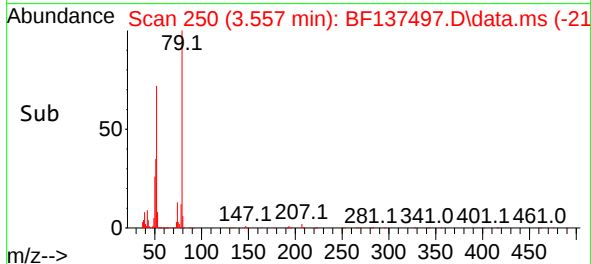
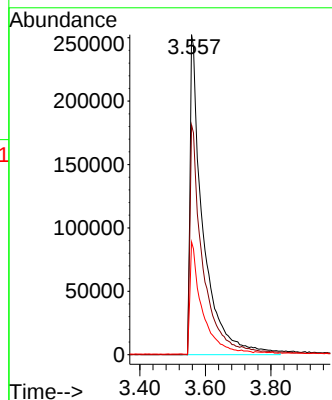
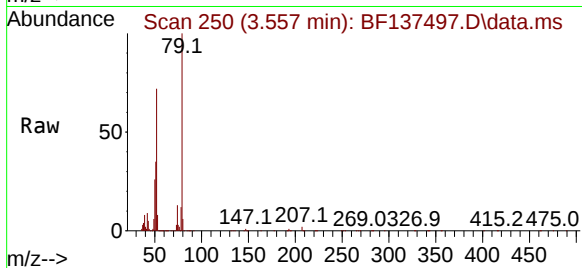




#3
 Pyridine
 Concen: 34.369 ng
 RT: 3.557 min Scan# 211
 Delta R.T. 0.094 min
 Lab File: BF137497.D
 Acq: 05 Mar 2024 13:23

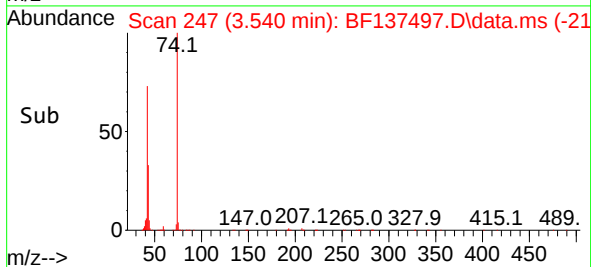
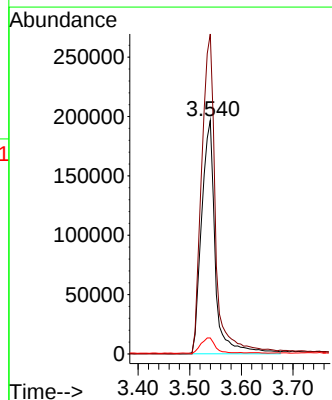
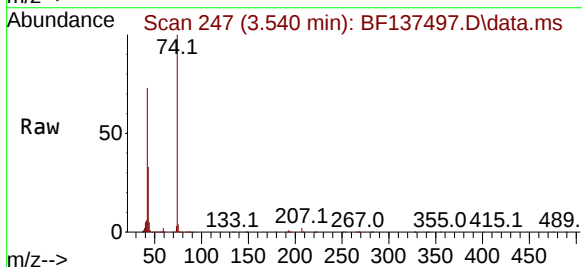
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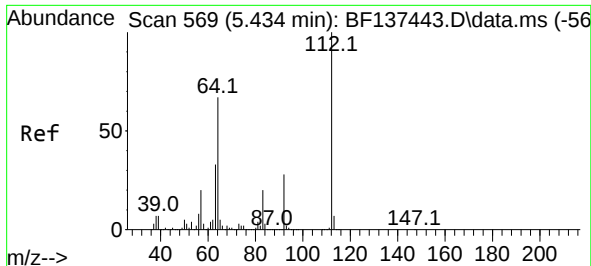
Tgt Ion: 79 Resp: 695745
 Ion Ratio Lower Upper
 79 100
 52 71.7 57.0 85.4
 51 35.2 27.5 41.3



#4
 n-Nitrosodimethylamine
 Concen: 44.461 ng
 RT: 3.540 min Scan# 247
 Delta R.T. 0.094 min
 Lab File: BF137497.D
 Acq: 05 Mar 2024 13:23

Tgt Ion: 42 Resp: 362091
 Ion Ratio Lower Upper
 42 100
 74 137.1 114.0 171.0
 44 6.9 7.0 10.4

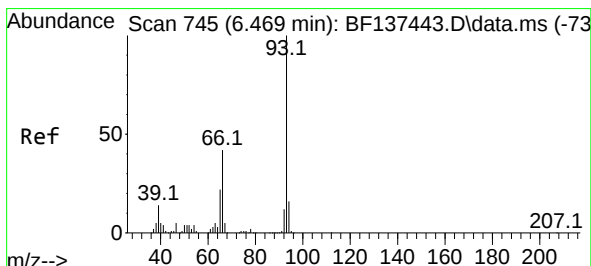
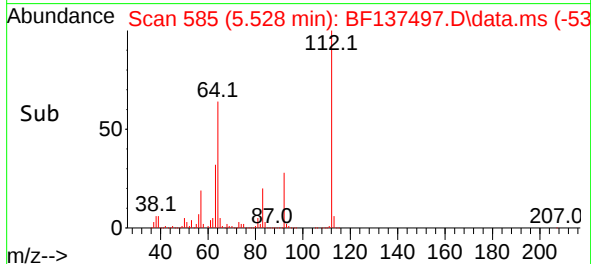
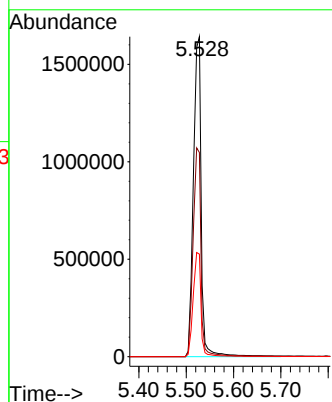
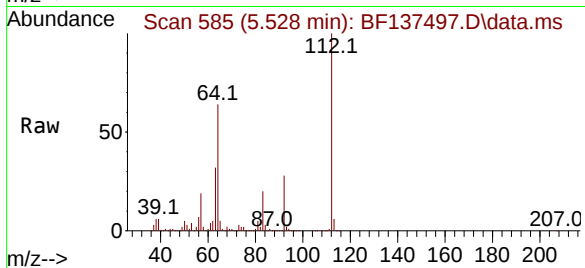




#5
2-Fluorophenol
Concen: 123.376 ng
RT: 5.528 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF137497.D
Acq: 05 Mar 2024 13:23

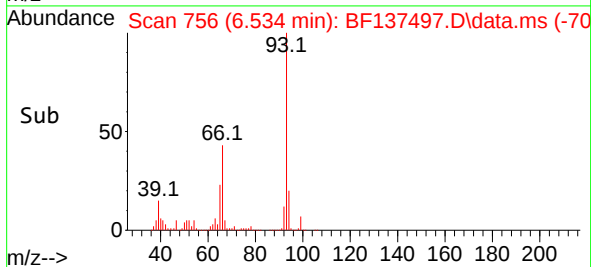
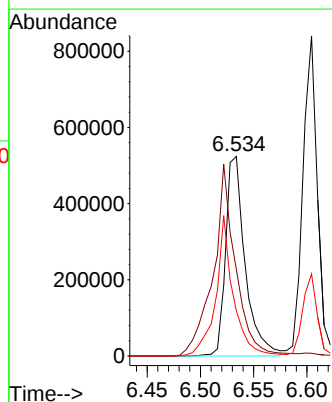
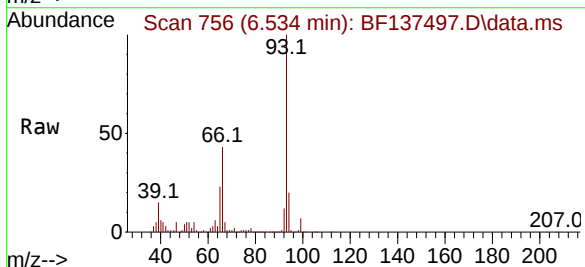
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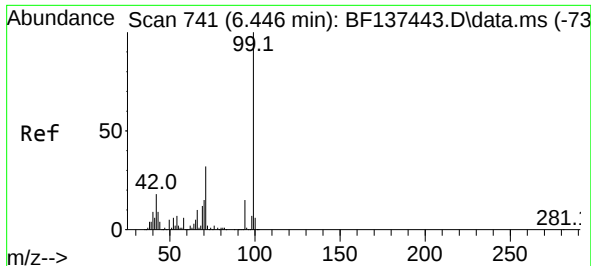
Tgt Ion:112 Resp: 1893950
Ion Ratio Lower Upper
112 100
64 63.8 53.4 80.2
63 32.0 26.2 39.2



#6
Aniline
Concen: 24.626 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF137497.D
Acq: 05 Mar 2024 13:23

Tgt Ion: 93 Resp: 666767
Ion Ratio Lower Upper
93 100
66 43.4 34.0 51.0
65 22.5 17.8 26.8

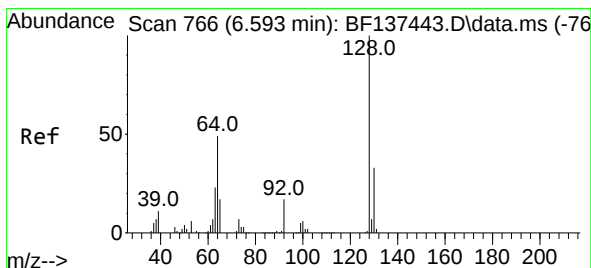
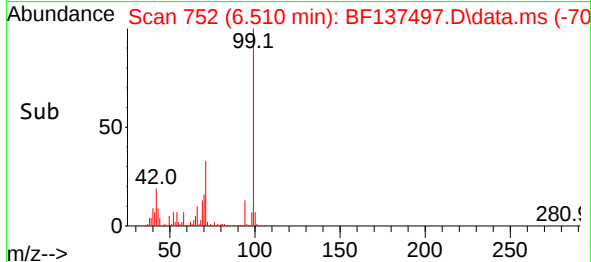
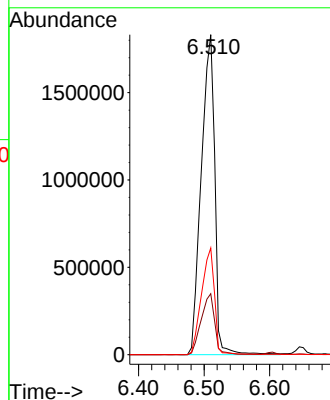
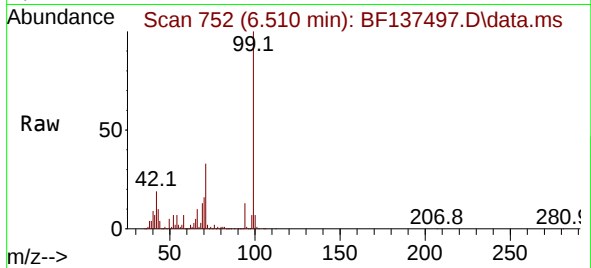




#7
Phenol-d6
Concen: 118.783 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF137497.D
Acq: 05 Mar 2024 13:23

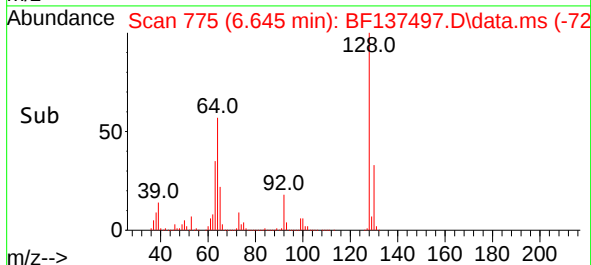
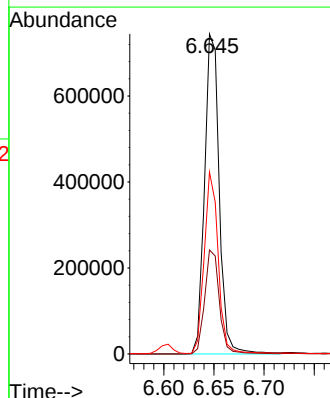
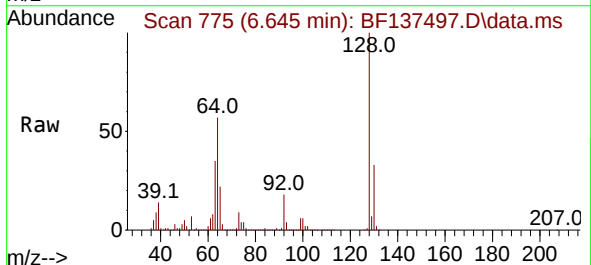
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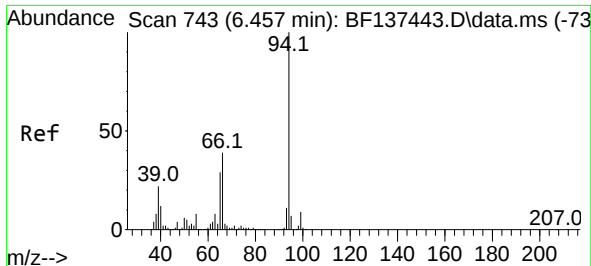
Tgt Ion: 99 Resp: 2632073
Ion Ratio Lower Upper
99 100
42 19.0 14.6 21.8
71 33.4 25.3 37.9



#8
2-Chlorophenol
Concen: 47.117 ng
RT: 6.645 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF137497.D
Acq: 05 Mar 2024 13:23

Tgt Ion:128 Resp: 762881
Ion Ratio Lower Upper
128 100
130 32.5 13.4 53.4
64 56.8 30.0 70.0

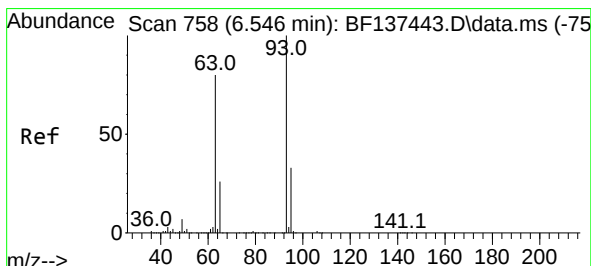
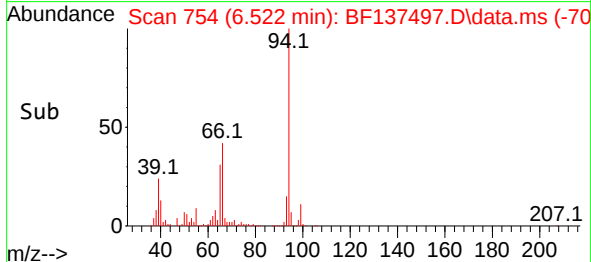
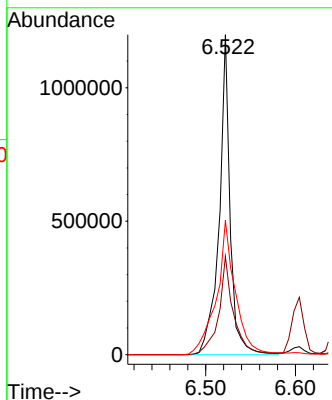
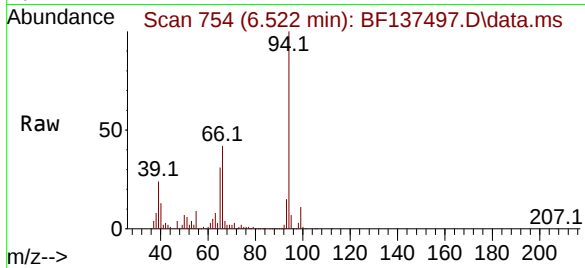




#10
Phenol
Concen: 42.671 ng
RT: 6.522 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF137497.D
Acq: 05 Mar 2024 13:23

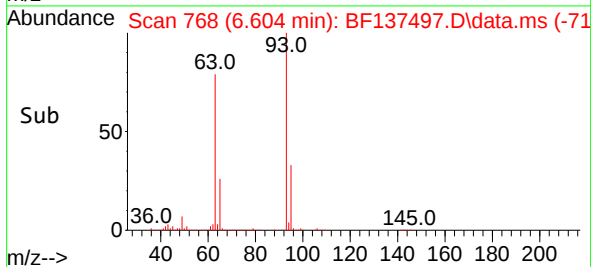
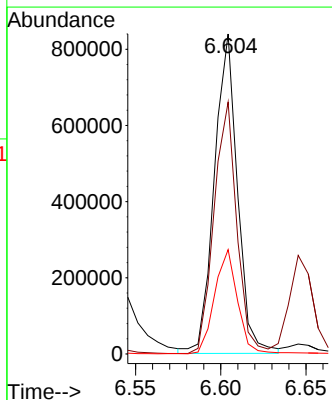
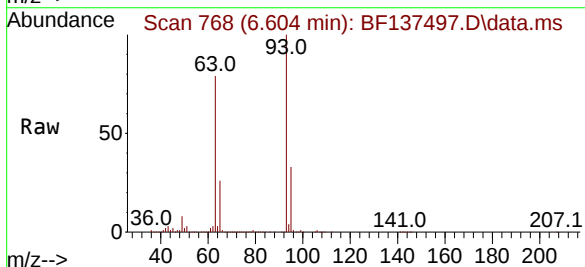
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ClientSampleId :
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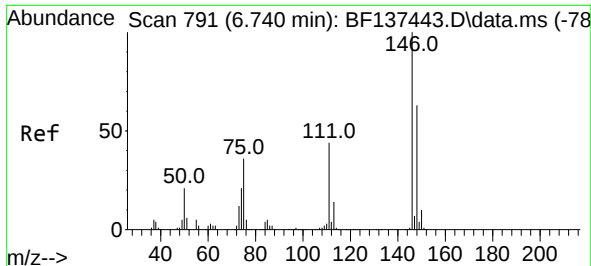
Tgt Ion: 94 Resp: 1017703
Ion Ratio Lower Upper
94 100
65 30.7 8.7 48.7
66 42.0 18.6 58.6



#11
bis(2-Chloroethyl)ether
Concen: 45.409 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF137497.D
Acq: 05 Mar 2024 13:23

Tgt Ion: 93 Resp: 793623
Ion Ratio Lower Upper
93 100
63 78.7 58.9 98.9
95 32.6 12.2 52.2





#12

1,3-Dichlorobenzene

Concen: 44.248 ng

RT: 6.798 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF137497.D

Acq: 05 Mar 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB159421BS

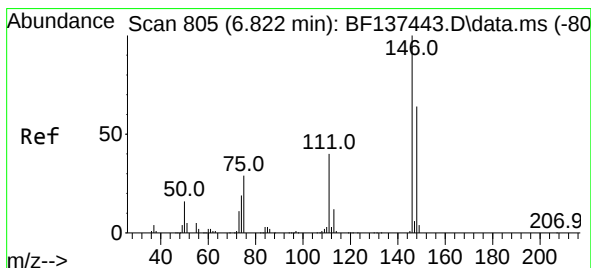
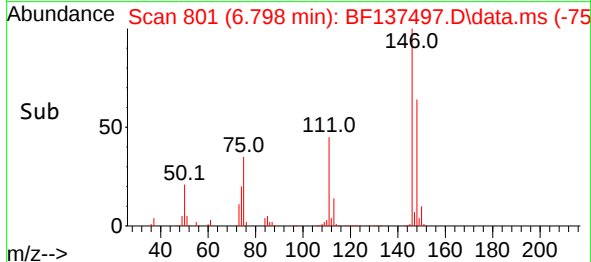
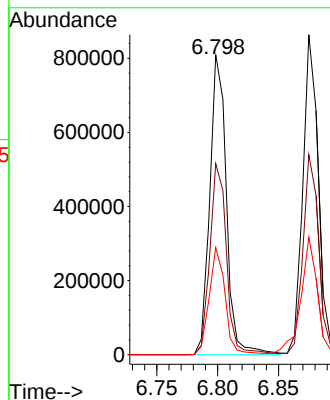
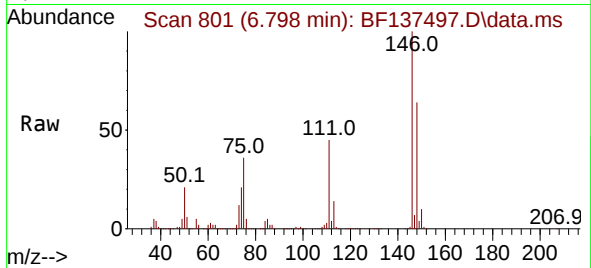
Tgt Ion:146 Resp: 765555

Ion Ratio Lower Upper

146 100

148 63.6 50.3 75.5

75 35.7 29.0 43.4



#13

1,4-Dichlorobenzene

Concen: 44.905 ng

RT: 6.875 min Scan# 814

Delta R.T. -0.006 min

Lab File: BF137497.D

Acq: 05 Mar 2024 13:23

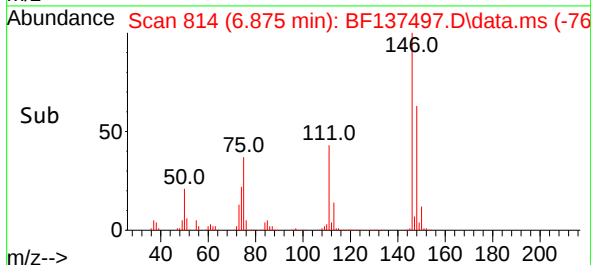
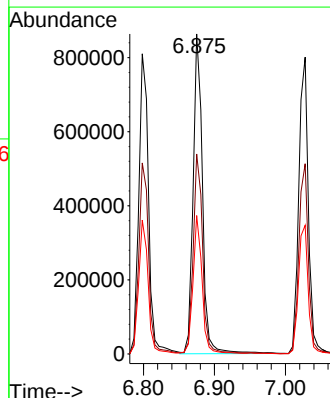
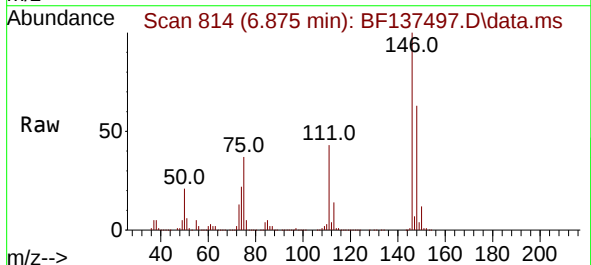
Tgt Ion:146 Resp: 794920

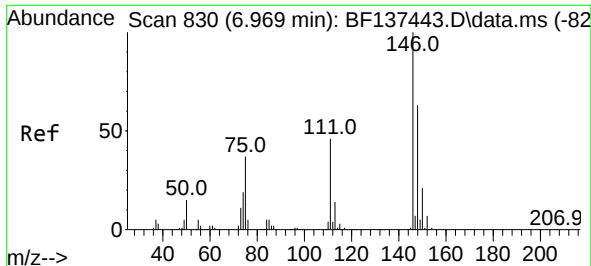
Ion Ratio Lower Upper

146 100

148 62.5 51.2 76.8

111 43.2 32.4 48.6

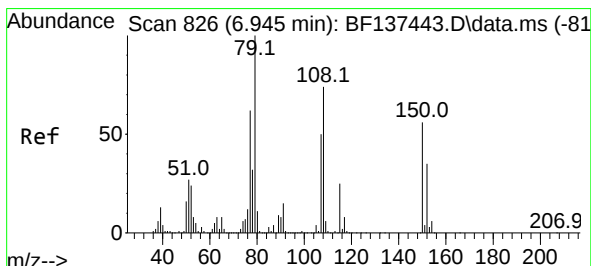
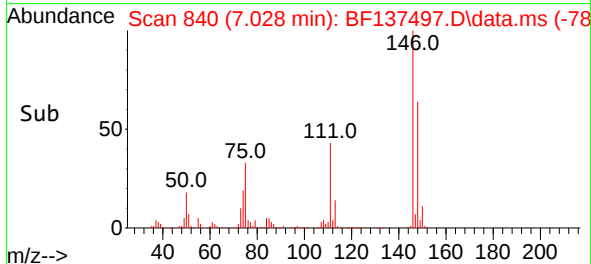
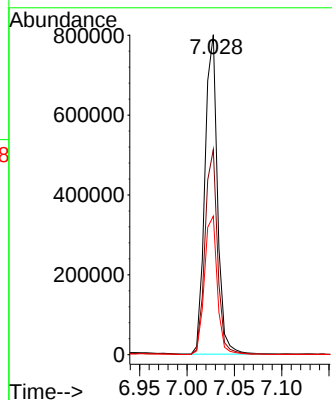
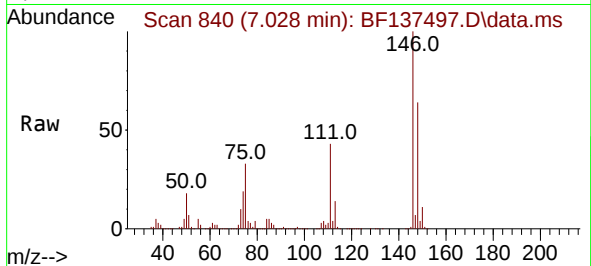




#14
1,2-Dichlorobenzene
Concen: 45.648 ng
RT: 7.028 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137497.D
Acq: 05 Mar 2024 13:23

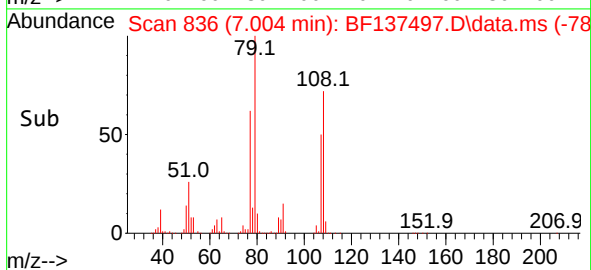
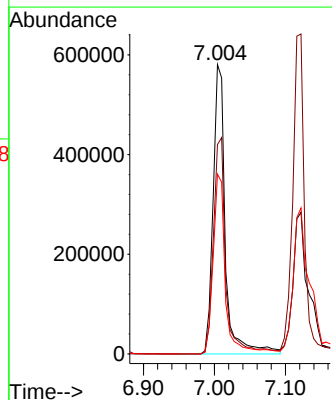
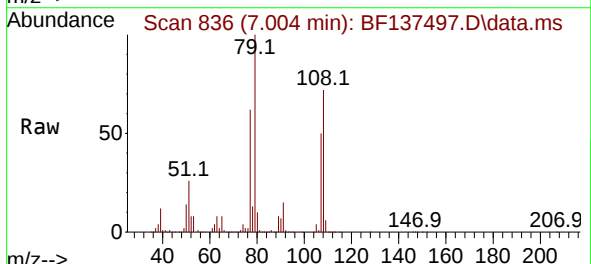
Instrument :
BNA_F
ClientSampleId :
PB159421BS

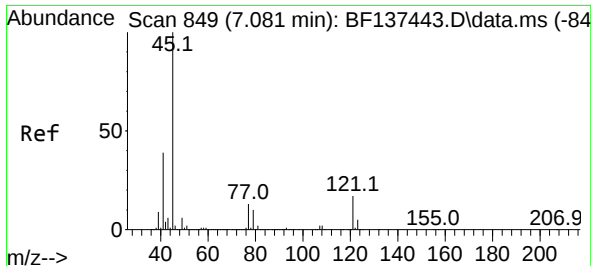
Tgt Ion:146 Resp: 741706
Ion Ratio Lower Upper
146 100
148 64.1 50.0 75.0
111 43.3 36.8 55.2



#15
Benzyl Alcohol
Concen: 50.443 ng
RT: 7.004 min Scan# 836
Delta R.T. 0.000 min
Lab File: BF137497.D
Acq: 05 Mar 2024 13:23

Tgt Ion: 79 Resp: 695860
Ion Ratio Lower Upper
79 100
108 72.4 59.5 89.3
77 62.1 50.0 75.0

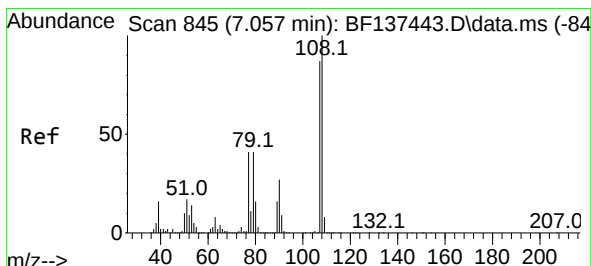
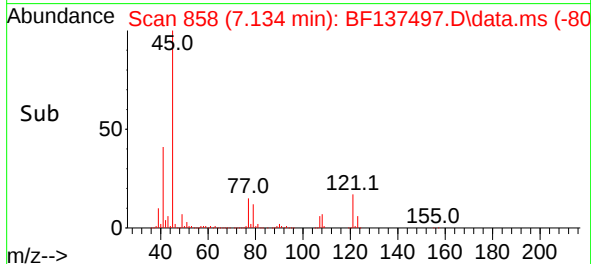
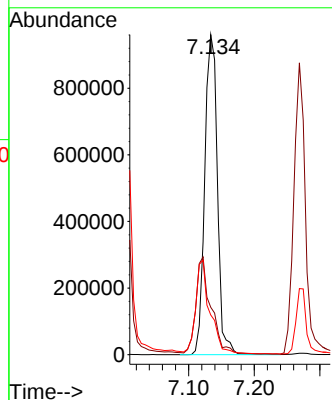
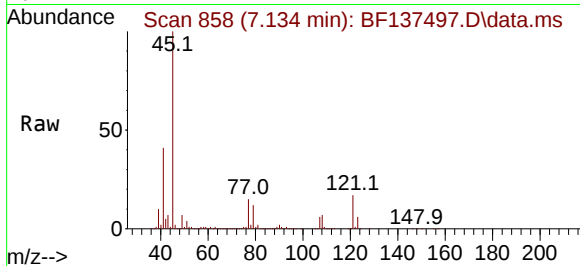




#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.971 ng
RT: 7.134 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137497.D
Acq: 05 Mar 2024 13:23

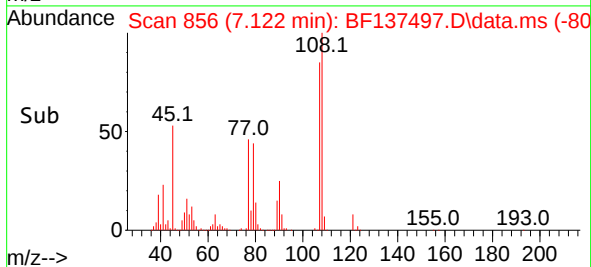
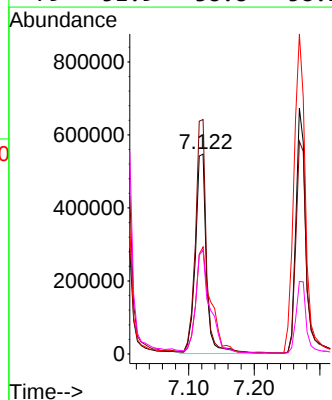
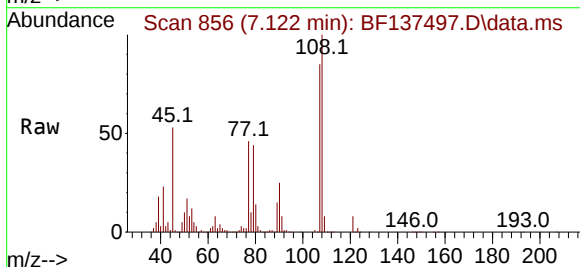
Instrument :
BNA_F
ClientSampleId :
PB159421BS

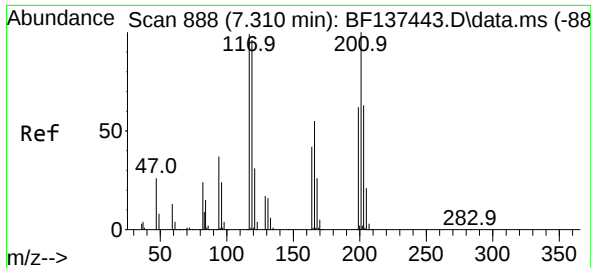
Tgt Ion: 45 Resp: 1290930
Ion Ratio Lower Upper
45 100
77 14.8 0.0 33.4
79 12.4 0.0 30.9



#17
2-Methylphenol
Concen: 42.674 ng
RT: 7.122 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF137497.D
Acq: 05 Mar 2024 13:23

Tgt Ion:107 Resp: 646547
Ion Ratio Lower Upper
107 100
108 117.3 92.2 138.4
77 53.6 38.6 57.8
79 51.9 38.8 58.2

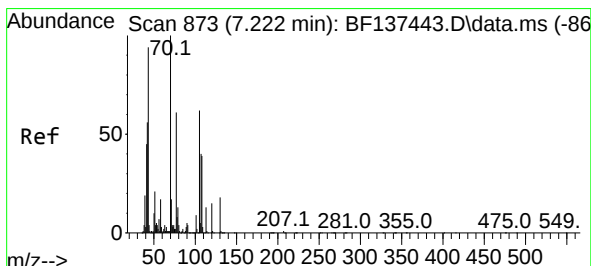
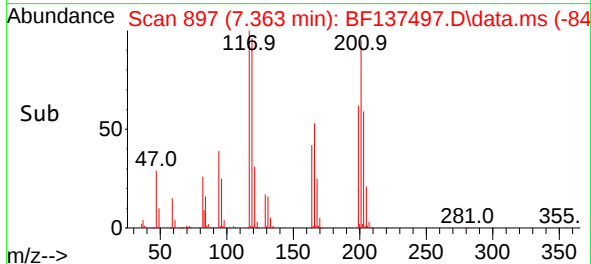
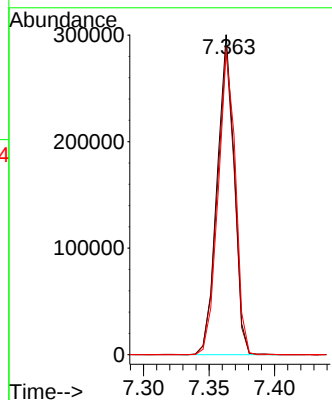
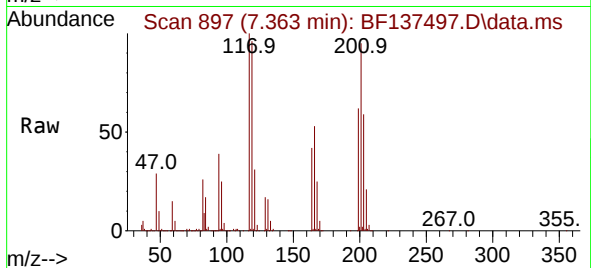




#18
Hexachloroethane
Concen: 46.548 ng
RT: 7.363 min Scan# 891
Delta R.T. 0.000 min
Lab File: BF137497.D
Acq: 05 Mar 2024 13:23

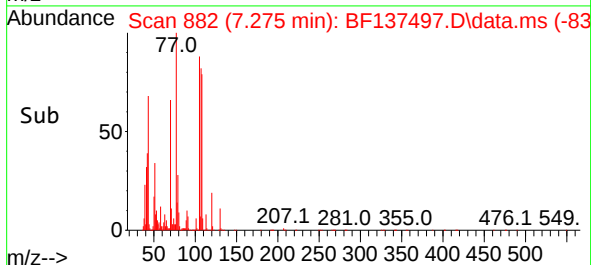
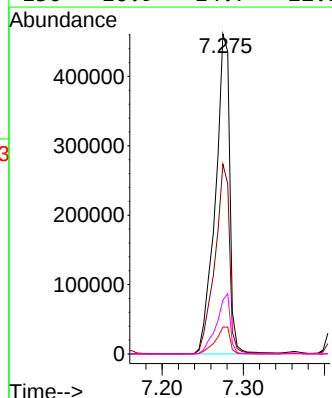
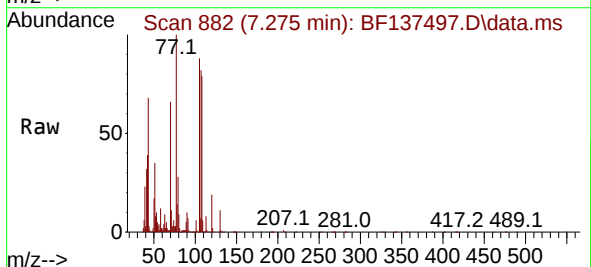
Instrument :
BNA_F
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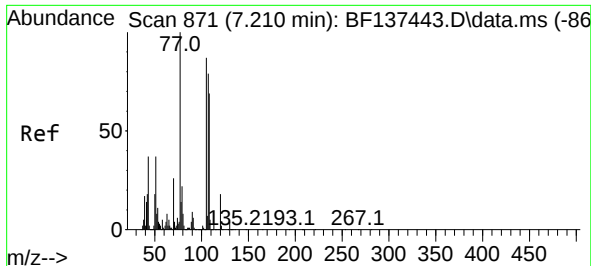
Tgt Ion:117 Resp: 271322
Ion Ratio Lower Upper
117 100
119 96.2 77.5 116.3
201 94.8 80.6 121.0



#19
n-Nitroso-di-n-propylamine
Concen: 41.628 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF137497.D
Acq: 05 Mar 2024 13:23

Tgt Ion: 70 Resp: 569606
Ion Ratio Lower Upper
70 100
42 59.3 45.2 67.8
101 8.4 7.3 10.9
130 16.9 14.7 22.1

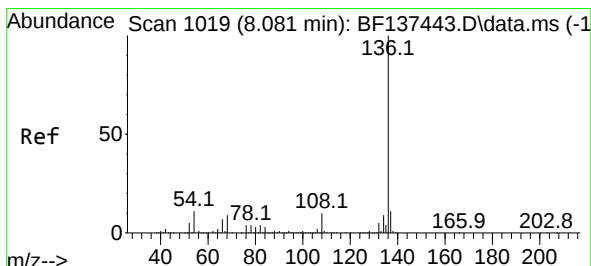
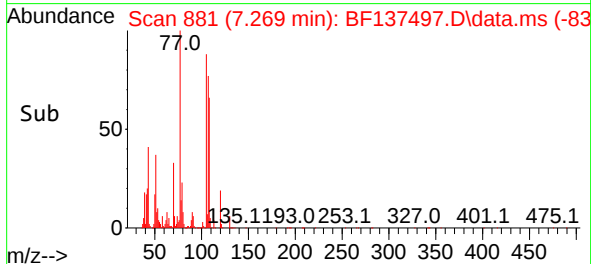
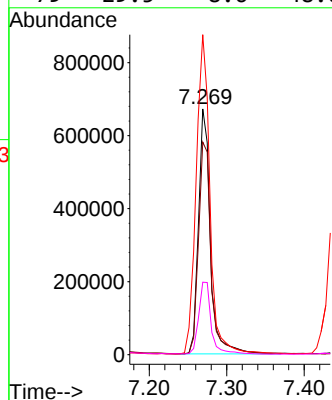
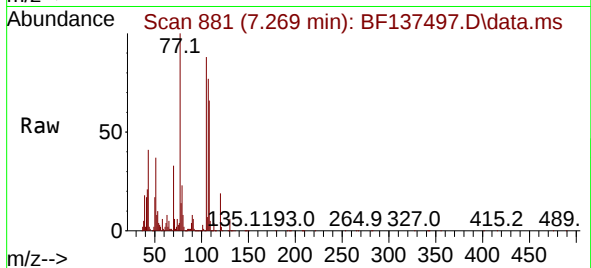




#20
3+4-Methylphenols
Concen: 41.211 ng
RT: 7.269 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137497.D
Acq: 05 Mar 2024 13:23

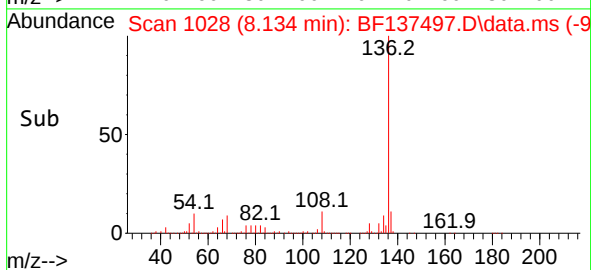
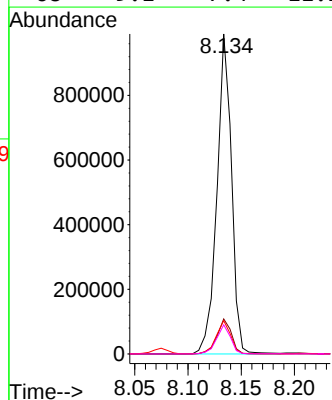
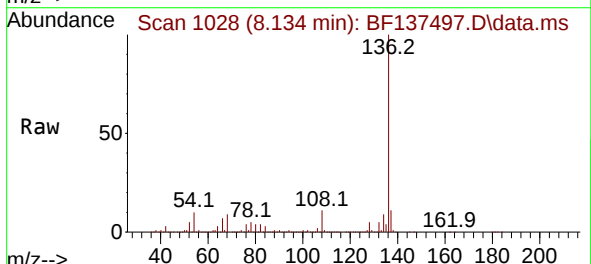
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BNA_F
ClientSampleId :
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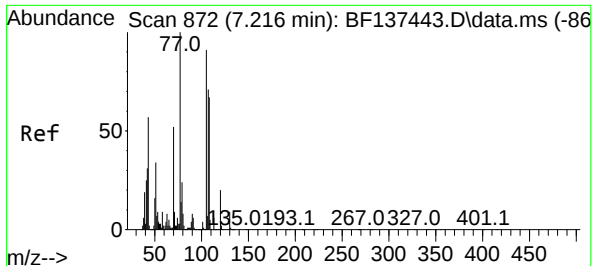
Tgt Ion:107 Resp: 715088
Ion Ratio Lower Upper
107 100
108 86.5 67.6 107.6
77 130.2 107.1 147.1
79 29.5 8.6 48.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF137497.D
Acq: 05 Mar 2024 13:23

Tgt Ion:136 Resp: 942981
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 10.4 8.5 12.7
68 9.1 7.4 11.2

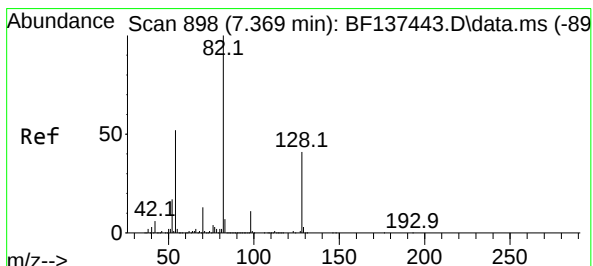
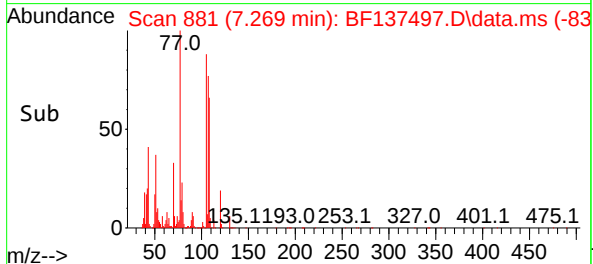
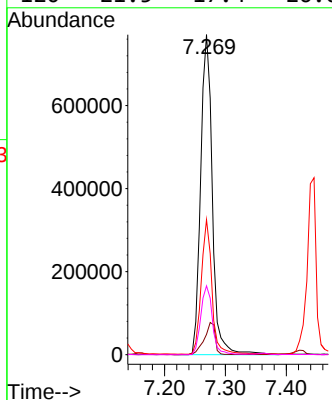
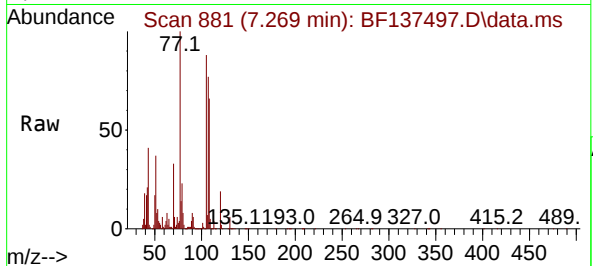




#22
Acetophenone
Concen: 44.888 ng
RT: 7.269 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137497.D
Acq: 05 Mar 2024 13:23

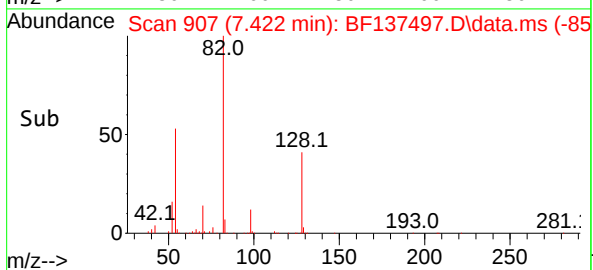
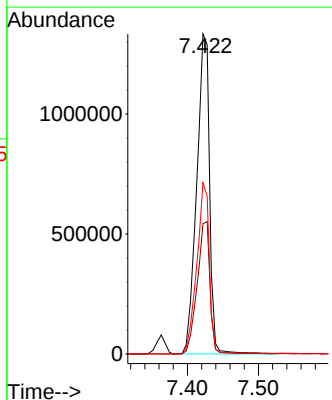
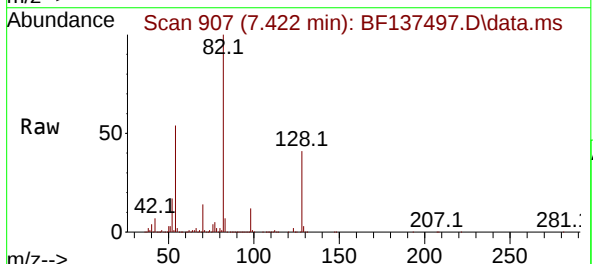
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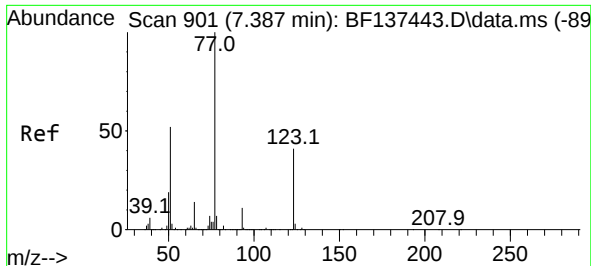
Tgt Ion:105 Resp: 1024157
Ion Ratio Lower Upper
105 100
71 6.4 7.7 11.5#
51 42.2 30.4 45.6
120 21.5 17.4 26.0



#23
Nitrobenzene-d5
Concen: 83.096 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF137497.D
Acq: 05 Mar 2024 13:23

Tgt Ion: 82 Resp: 1686421
Ion Ratio Lower Upper
82 100
128 40.7 32.5 48.7
54 53.5 41.5 62.3

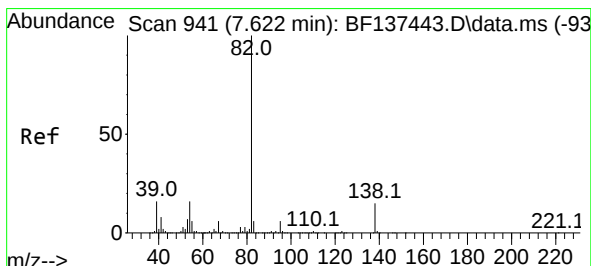
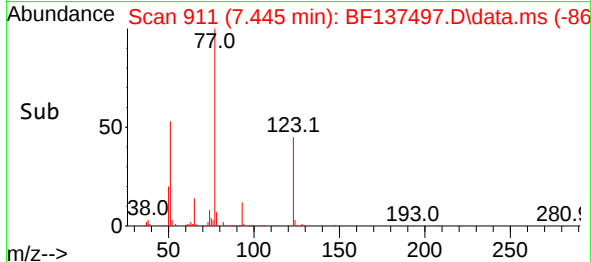
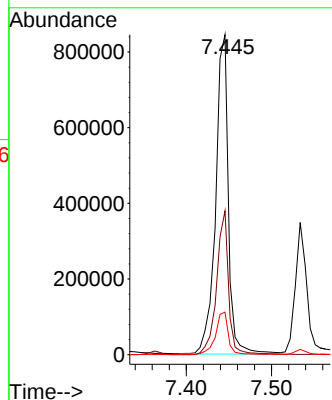
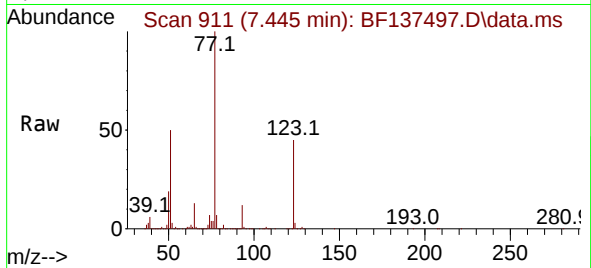




#24
Nitrobenzene
Concen: 43.101 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF137497.D
Acq: 05 Mar 2024 13:23

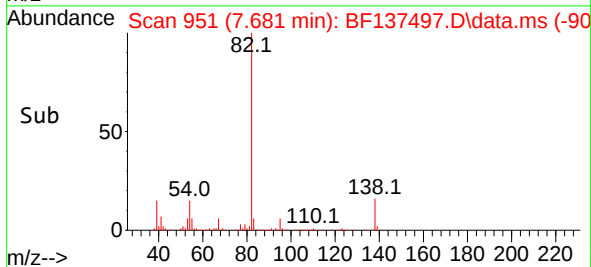
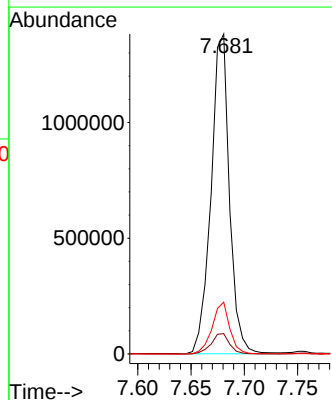
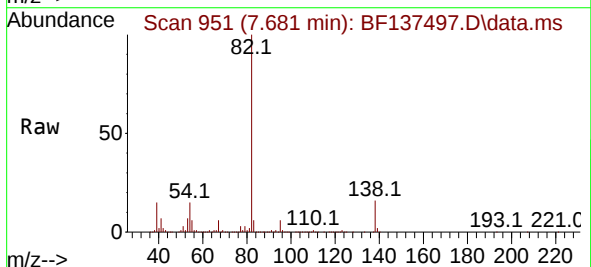
Instrument :
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ClientSampleId :
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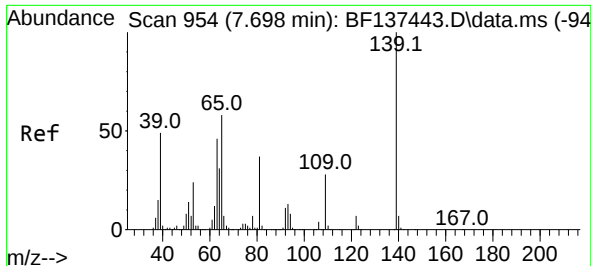
Tgt Ion: 77 Resp: 878716
Ion Ratio Lower Upper
77 100
123 44.9 33.0 49.6
65 13.3 10.9 16.3



#25
Isophorone
Concen: 43.177 ng
RT: 7.681 min Scan# 951
Delta R.T. 0.000 min
Lab File: BF137497.D
Acq: 05 Mar 2024 13:23

Tgt Ion: 82 Resp: 1664778
Ion Ratio Lower Upper
82 100
95 6.3 5.1 7.7
138 16.2 11.8 17.8

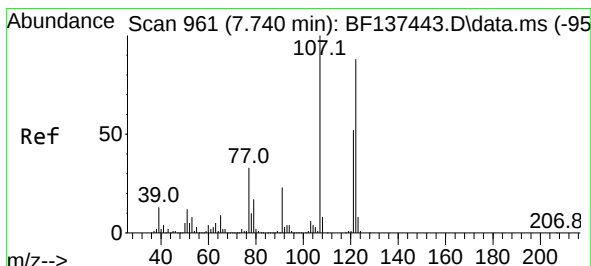
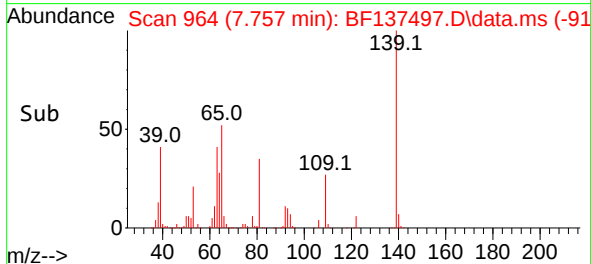
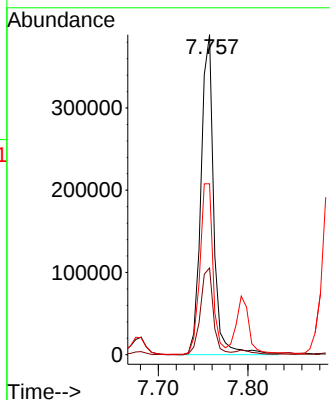
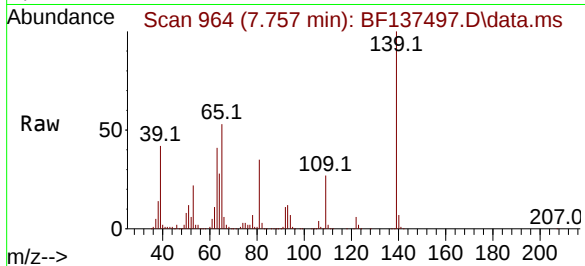




#26
2-Nitrophenol
Concen: 47.559 ng
RT: 7.757 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF137497.D
Acq: 05 Mar 2024 13:23

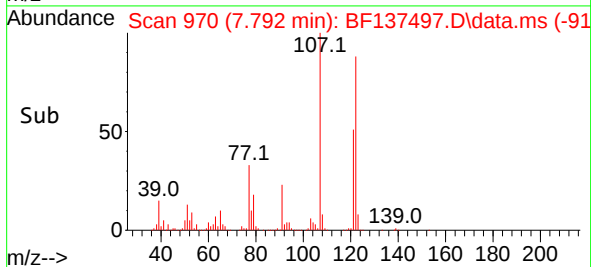
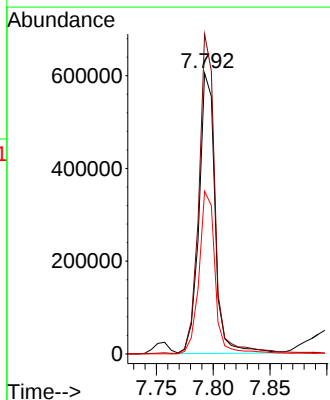
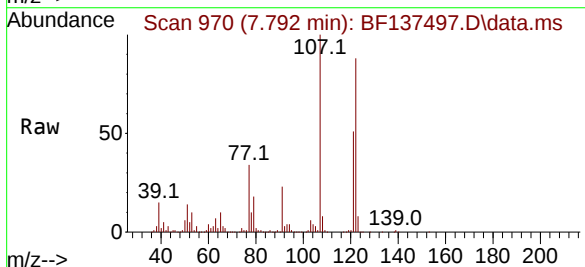
Instrument :
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ClientSampleId :
PB159421BS

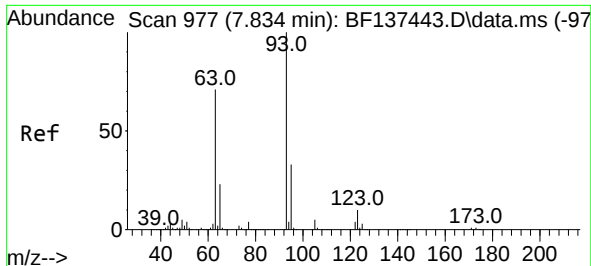
Tgt Ion:139 Resp: 384940
Ion Ratio Lower Upper
139 100
109 27.1 22.2 33.4
65 53.4 46.2 69.2



#27
2,4-Dimethylphenol
Concen: 39.502 ng
RT: 7.792 min Scan# 970
Delta R.T. 0.000 min
Lab File: BF137497.D
Acq: 05 Mar 2024 13:23

Tgt Ion:122 Resp: 597424
Ion Ratio Lower Upper
122 100
107 113.9 90.9 136.3
121 57.9 47.0 70.6

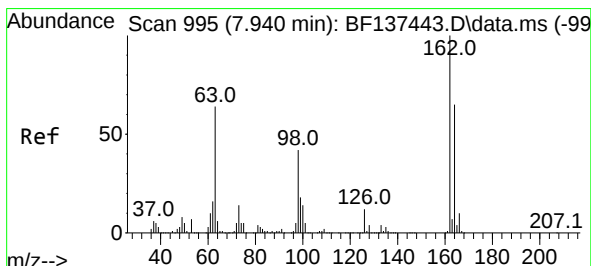
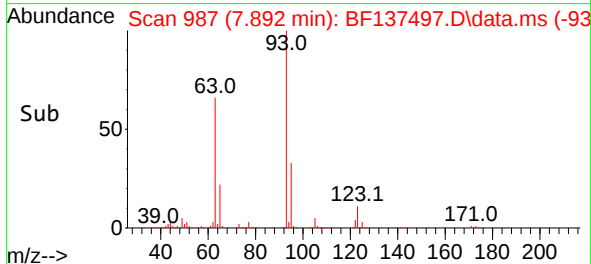
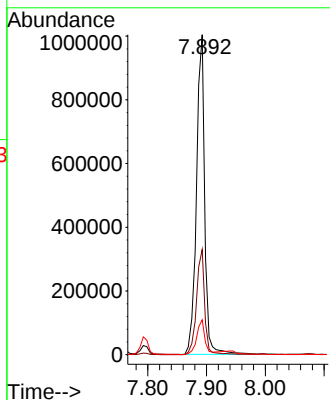
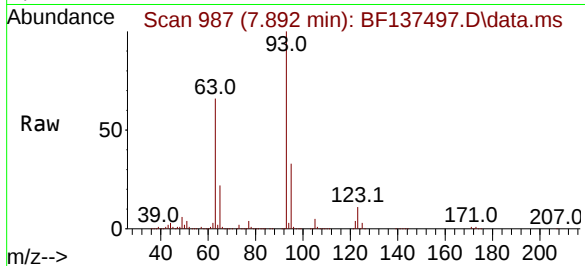




#28
bis(2-Chloroethoxy)methane
Concen: 43.287 ng
RT: 7.892 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF137497.D
Acq: 05 Mar 2024 13:23

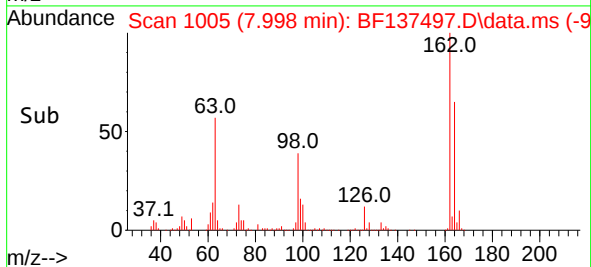
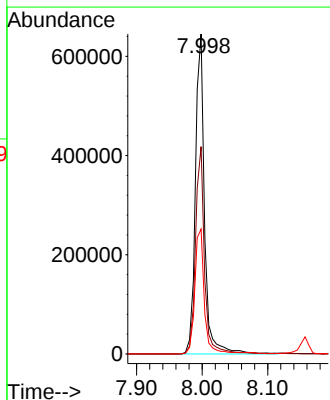
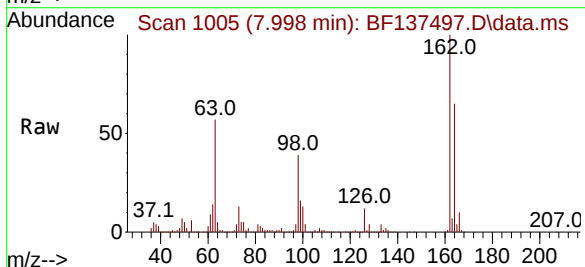
Instrument :
BNA_F
ClientSampleId :
PB159421BS

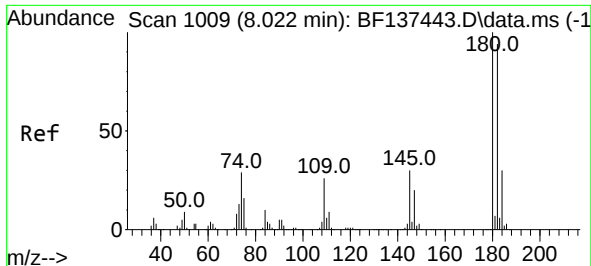
Tgt Ion: 93 Resp: 979252
Ion Ratio Lower Upper
93 100
95 32.9 26.5 39.7
123 10.9 8.0 12.0



#29
2,4-Dichlorophenol
Concen: 45.289 ng
RT: 7.998 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF137497.D
Acq: 05 Mar 2024 13:23

Tgt Ion: 162 Resp: 628628
Ion Ratio Lower Upper
162 100
164 64.8 44.7 84.7
98 39.0 22.0 62.0

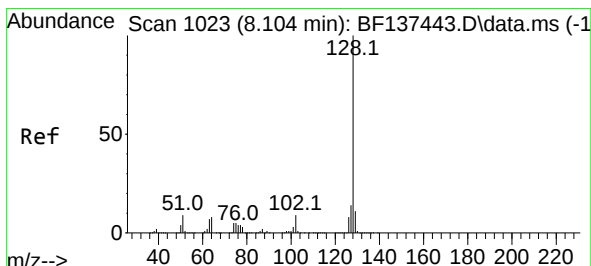
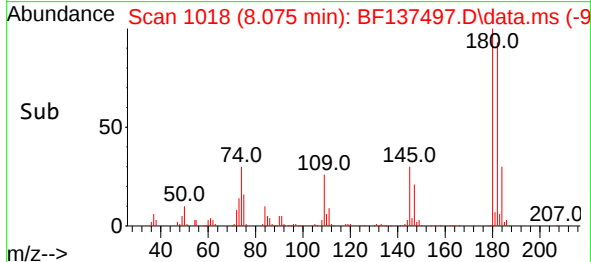
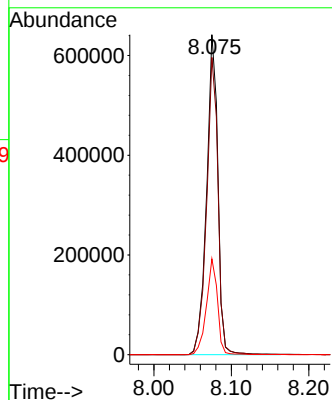
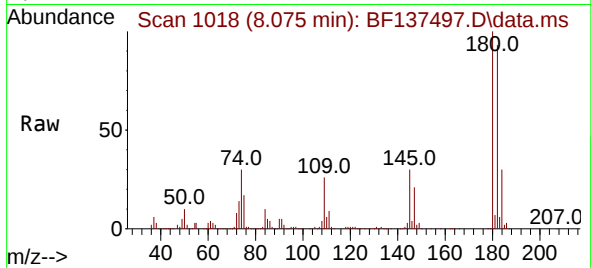




#30
1,2,4-Trichlorobenzene
Concen: 44.477 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF137497.D
Acq: 05 Mar 2024 13:23

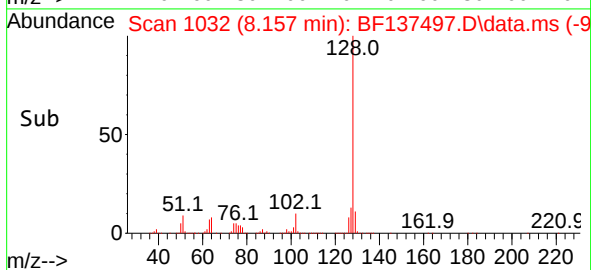
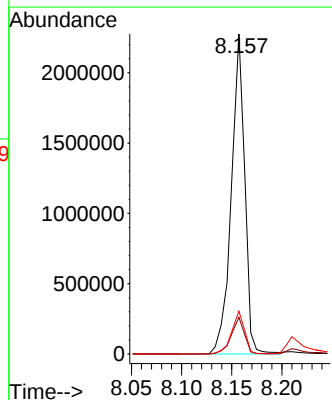
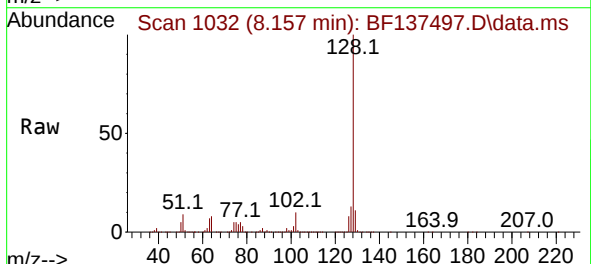
Instrument :
BNA_F
ClientSampleId :
PB159421BS

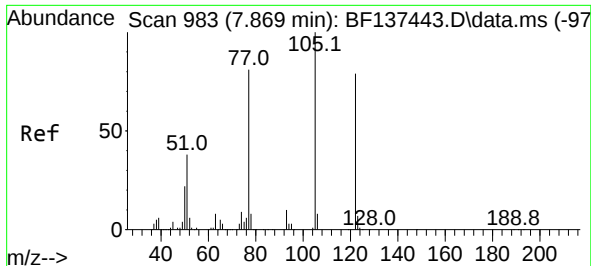
Tgt Ion:180 Resp: 649672
Ion Ratio Lower Upper
180 100
182 92.9 75.0 112.6
145 30.0 23.7 35.5



#31
Naphthalene
Concen: 41.756 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF137497.D
Acq: 05 Mar 2024 13:23

Tgt Ion:128 Resp: 2112624
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.3 10.8 16.2

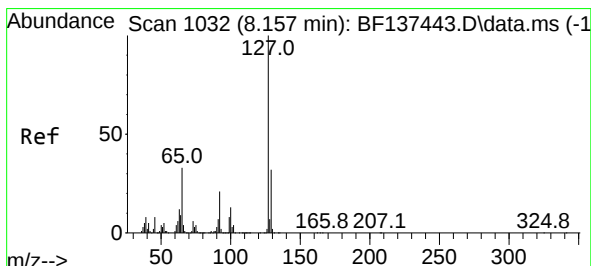
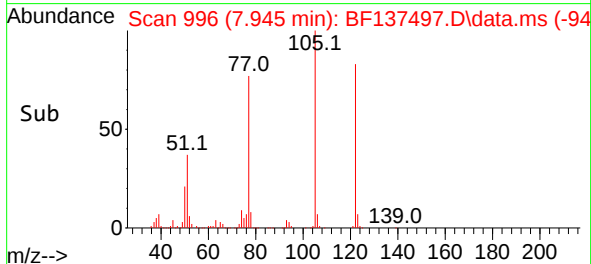
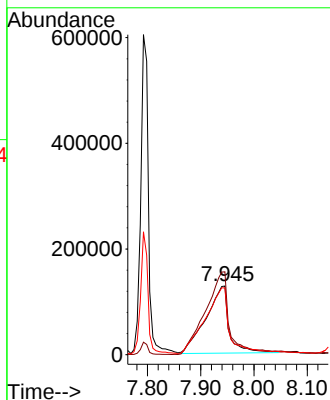
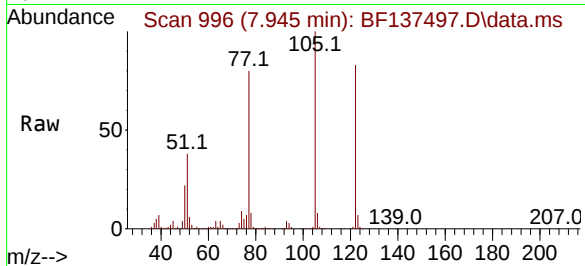




#32
Benzoic acid
Concen: 44.844 ng
RT: 7.945 min Scan# 91
Delta R.T. 0.018 min
Lab File: BF137497.D
Acq: 05 Mar 2024 13:23

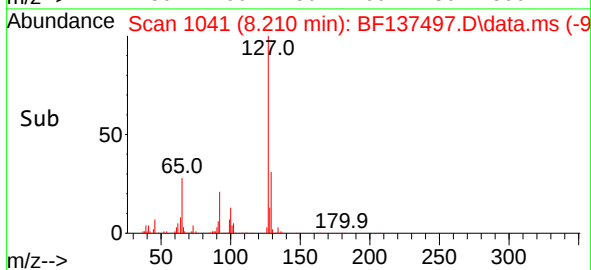
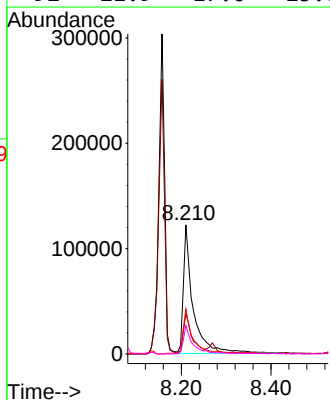
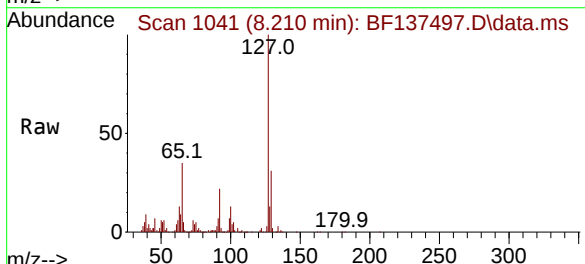
Instrument :
BNA_F
ClientSampleId :
PB159421BS

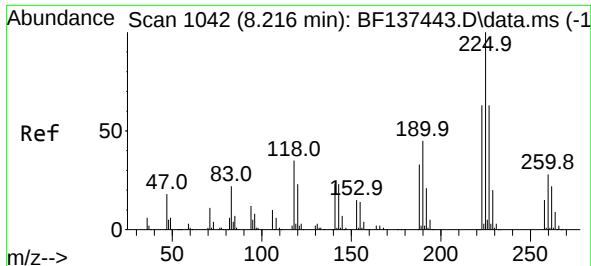
Tgt Ion:122 Resp: 386425
Ion Ratio Lower Upper
122 100
105 120.9 102.4 142.4
77 97.3 81.1 121.1



#33
4-Chloroaniline
Concen: 9.231 ng
RT: 8.210 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF137497.D
Acq: 05 Mar 2024 13:23

Tgt Ion:127 Resp: 183142
Ion Ratio Lower Upper
127 100
129 31.1 26.0 39.0
65 34.9 26.8 40.2
92 21.9 17.0 25.6

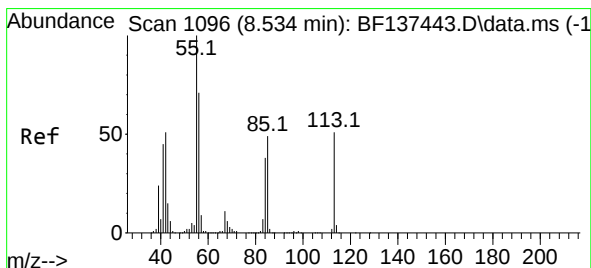
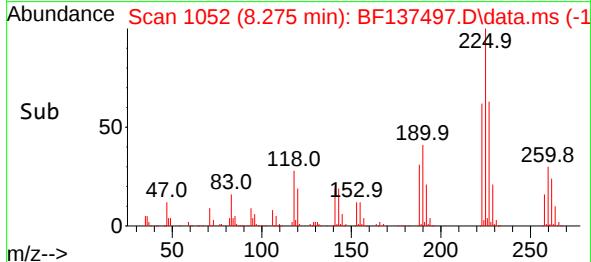
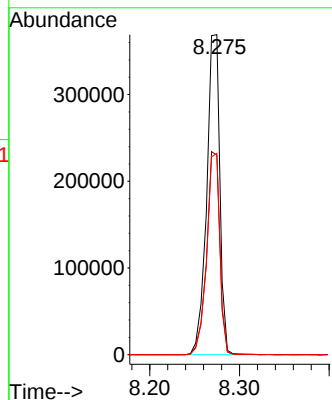
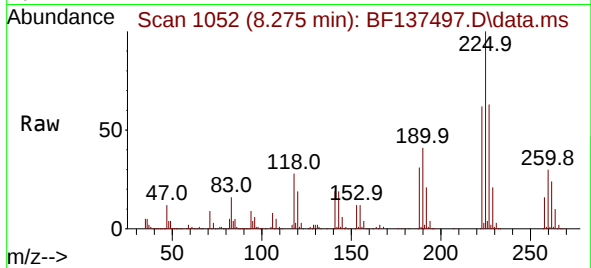




#34
Hexachlorobutadiene
Concen: 43.613 ng
RT: 8.275 min Scan# 1105
Delta R.T. 0.000 min
Lab File: BF137497.D
Acq: 05 Mar 2024 13:23

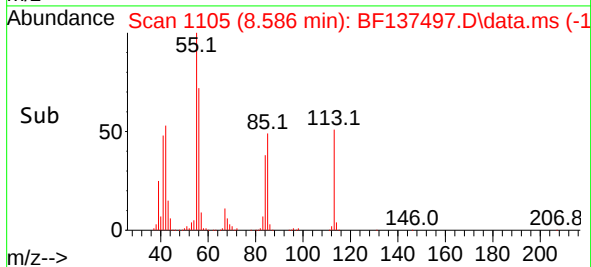
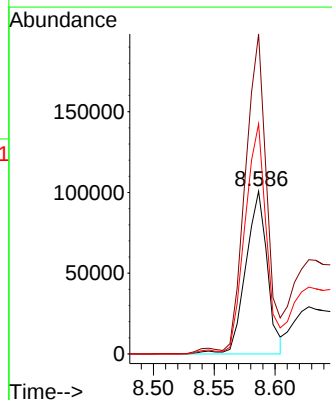
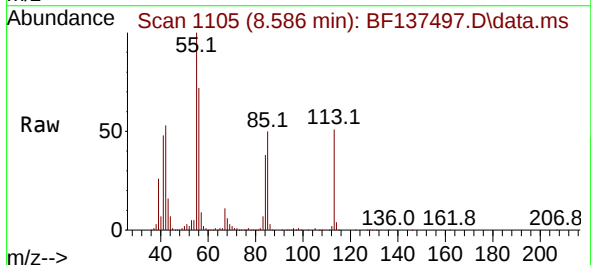
Instrument :
BNA_F
ClientSampleId :
PB159421BS

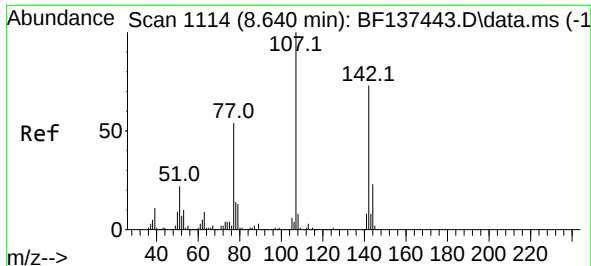
Tgt Ion:225 Resp: 376100
Ion Ratio Lower Upper
225 100
223 62.3 50.7 76.1
227 62.9 50.6 75.8



#35
Caprolactam
Concen: 26.310 ng
RT: 8.586 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BF137497.D
Acq: 05 Mar 2024 13:23

Tgt Ion:113 Resp: 123829
Ion Ratio Lower Upper
113 100
55 196.7 176.7 216.7
56 141.4 120.6 160.6

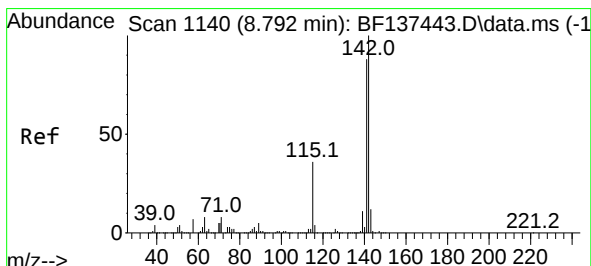
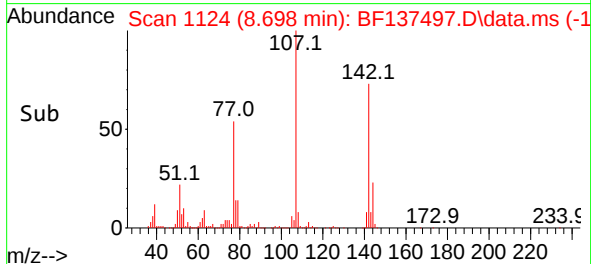
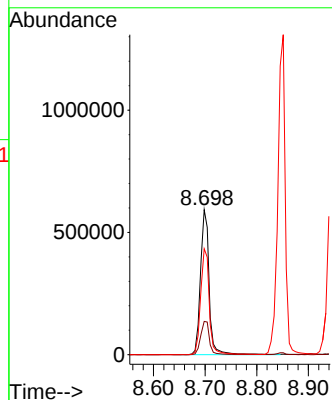
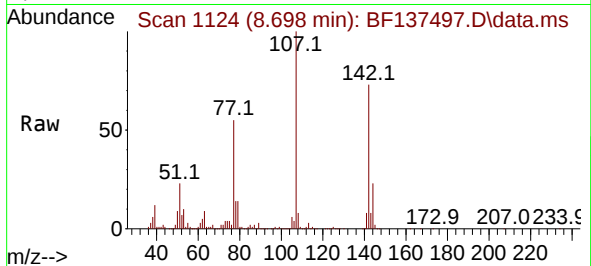




#36
4-Chloro-3-methylphenol
Concen: 44.209 ng
RT: 8.698 min Scan# 1114
Delta R.T. 0.006 min
Lab File: BF137497.D
Acq: 05 Mar 2024 13:23

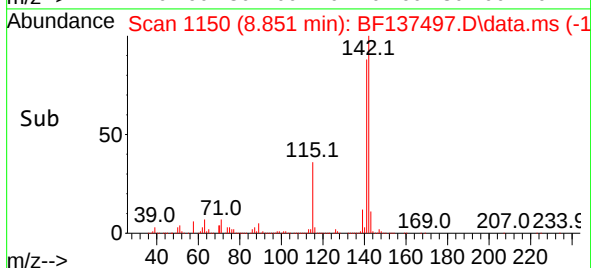
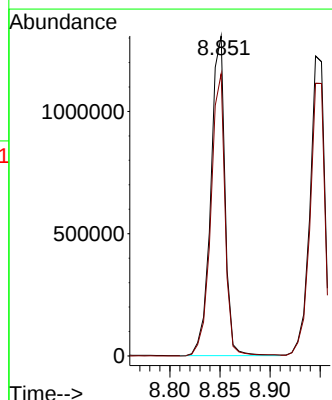
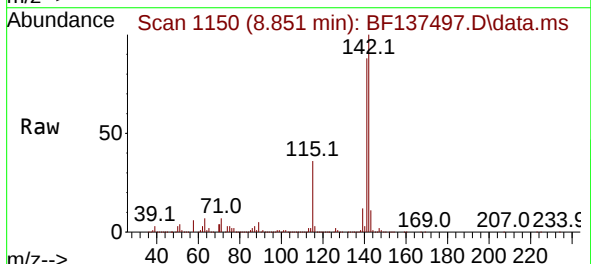
Instrument :
BNA_F
ClientSampleId :
PB159421BS

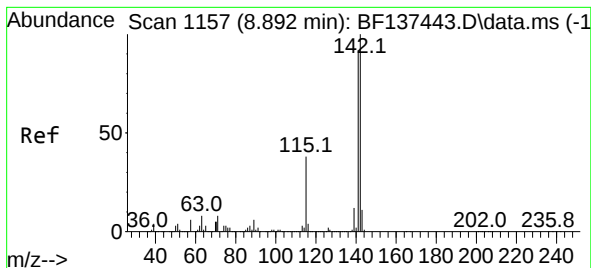
Tgt Ion:107 Resp: 685922
Ion Ratio Lower Upper
107 100
144 23.0 18.7 28.1
142 73.0 58.2 87.2



#37
2-Methylnaphthalene
Concen: 40.017 ng
RT: 8.851 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF137497.D
Acq: 05 Mar 2024 13:23

Tgt Ion:142 Resp: 1290682
Ion Ratio Lower Upper
142 100
141 88.2 70.4 105.6





#38

1-Methylnaphthalene

Concen: 41.211 ng

RT: 8.945 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF137497.D

Acq: 05 Mar 2024 13:23

Instrument :

BNA_F

ClientSampleId :

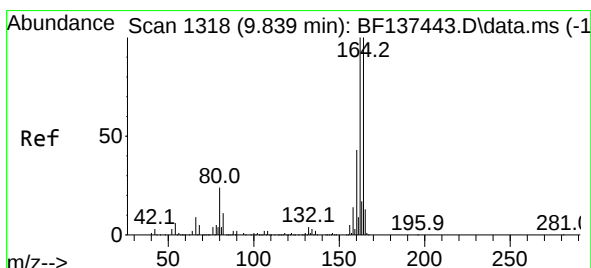
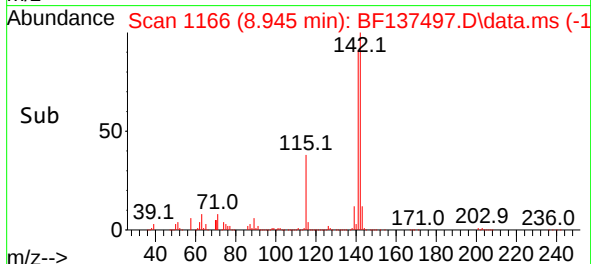
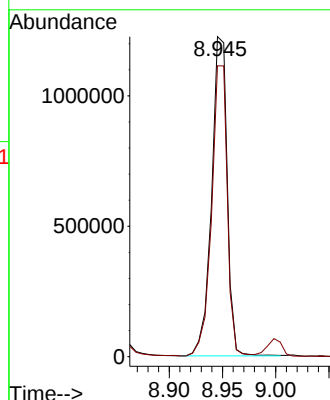
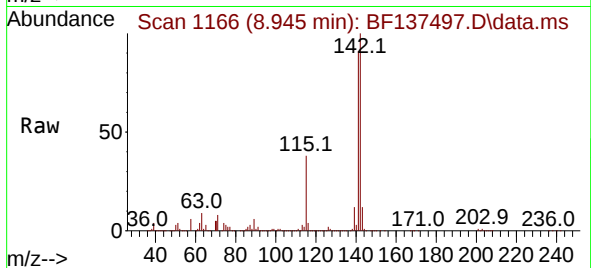
PB159421BS

Tgt Ion:142 Resp: 1251758

Ion Ratio Lower Upper

142 100

141 90.9 73.4 110.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BF137497.D

Acq: 05 Mar 2024 13:23

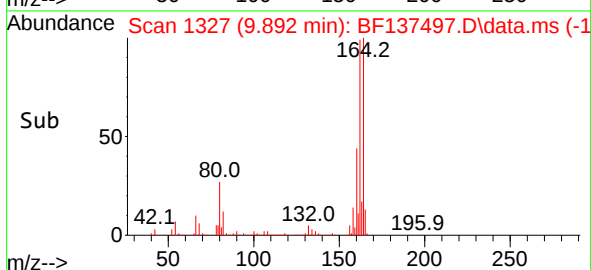
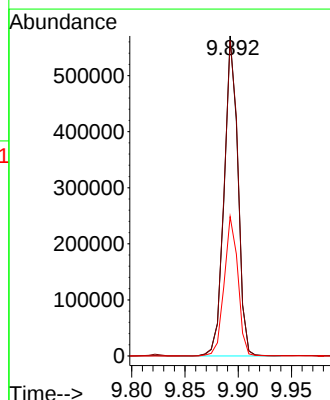
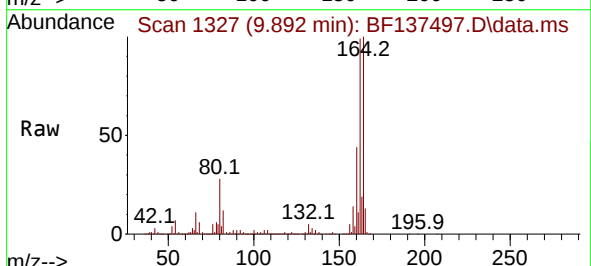
Tgt Ion:164 Resp: 508300

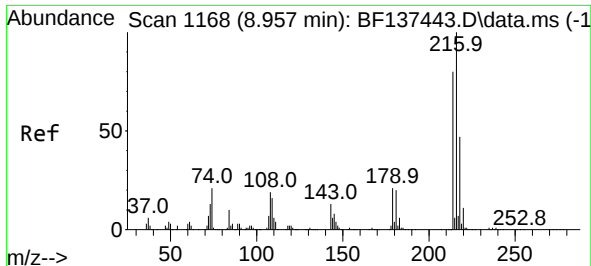
Ion Ratio Lower Upper

164 100

162 98.5 79.8 119.8

160 43.5 34.4 51.6

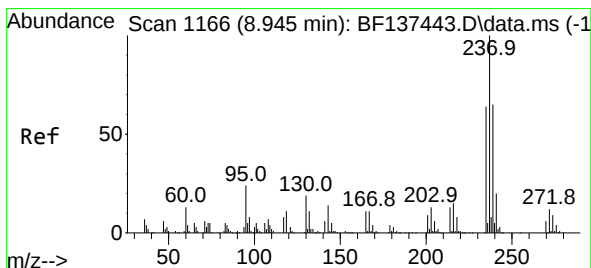
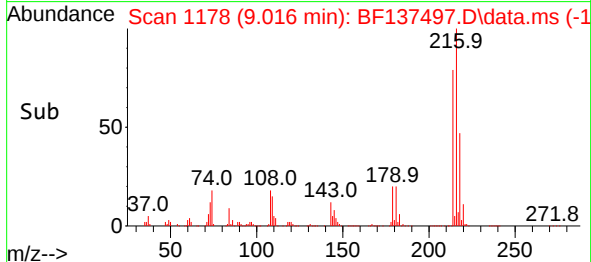
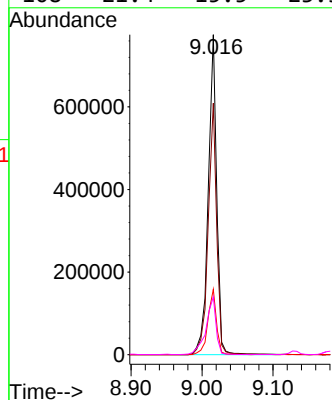
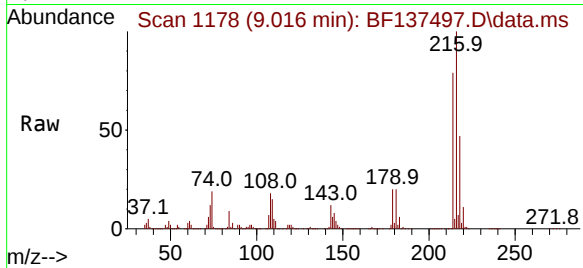




#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.492 ng
RT: 9.016 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF137497.D
Acq: 05 Mar 2024 13:23

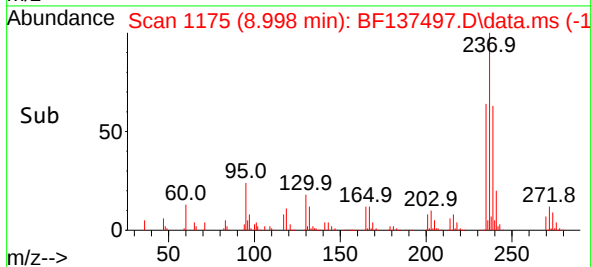
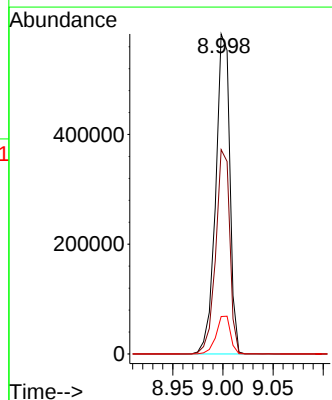
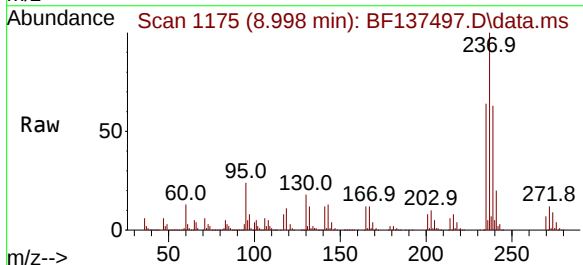
Instrument :
BNA_F
ClientSampleId :
PB159421BS

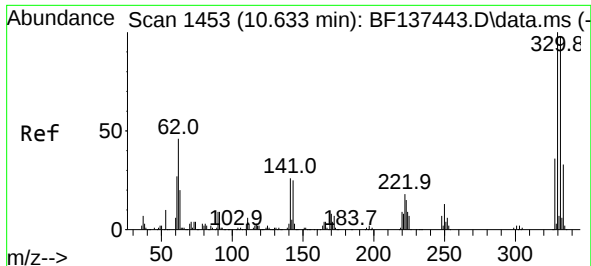
Tgt Ion:	216	Resp:	645554
Ion Ratio	Lower	Upper	
216	100		
214	79.3	63.5	95.3
179	20.7	16.6	25.0
108	21.4	15.5	23.3



#41
Hexachlorocyclopentadiene
Concen: 96.602 ng
RT: 8.998 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF137497.D
Acq: 05 Mar 2024 13:23

Tgt Ion:	237	Resp:	570467
Ion Ratio	Lower	Upper	
237	100		
235	63.9	43.6	83.6
272	11.7	0.0	31.9





#42

2,4,6-Tribromophenol

Concen: 134.182 ng

RT: 10.692 min Scan# 1463

Delta R.T. 0.000 min

Lab File: BF137497.D

Acq: 05 Mar 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB159421BS

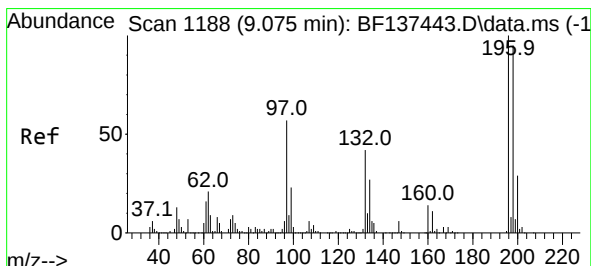
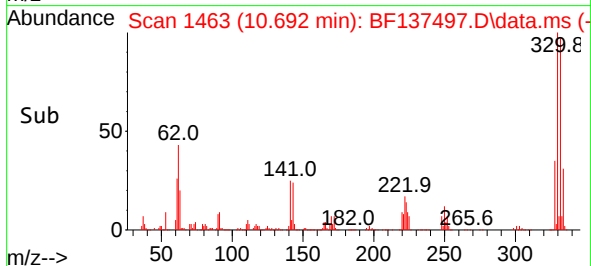
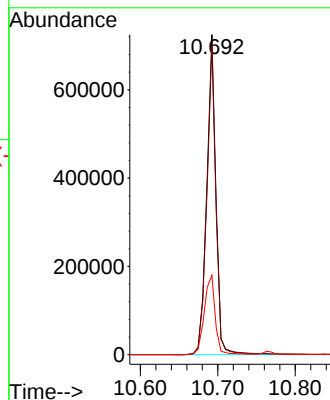
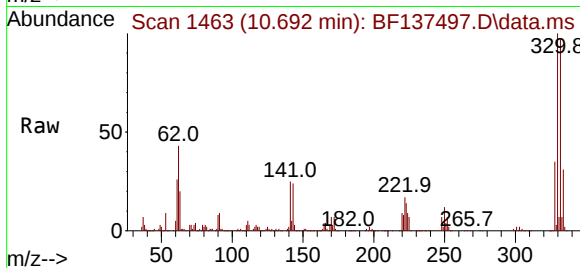
Tgt Ion:330 Resp: 598955

Ion Ratio Lower Upper

330 100

332 96.1 78.0 117.0

141 29.3 27.3 40.9



#43

2,4,6-Trichlorophenol

Concen: 46.375 ng

RT: 9.133 min Scan# 1198

Delta R.T. 0.006 min

Lab File: BF137497.D

Acq: 05 Mar 2024 13:23

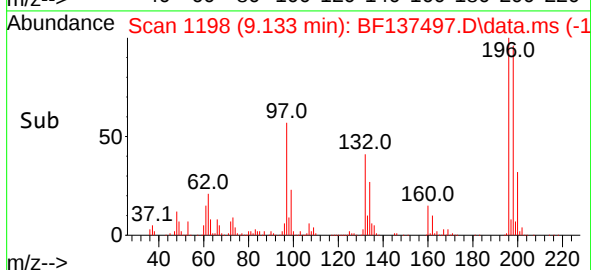
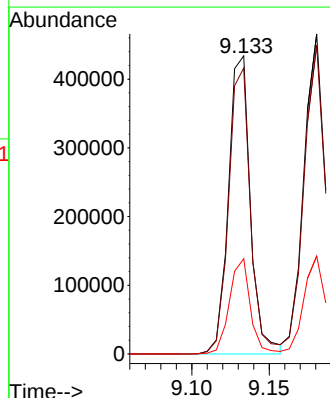
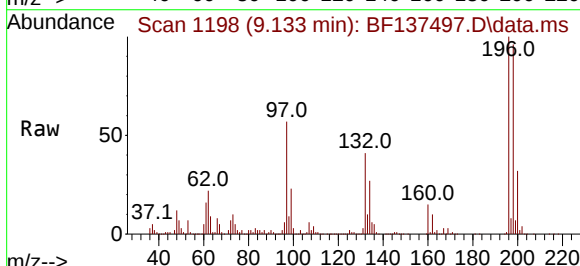
Tgt Ion:196 Resp: 428548

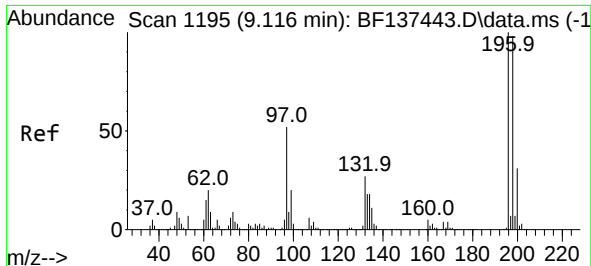
Ion Ratio Lower Upper

196 100

198 95.9 75.8 113.8

200 31.9 23.5 35.3

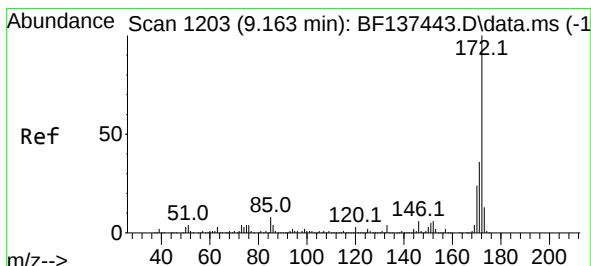
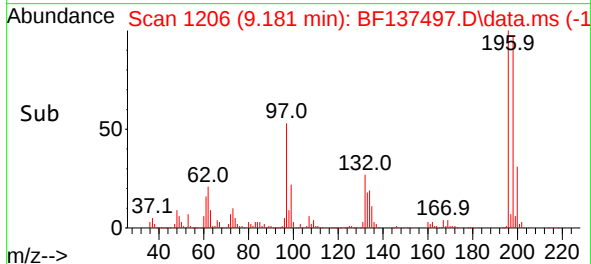
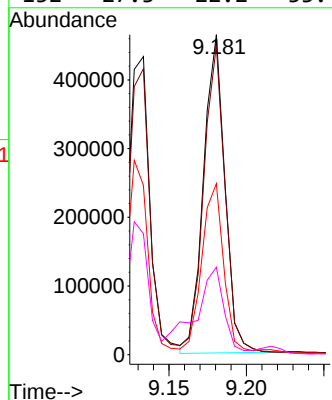
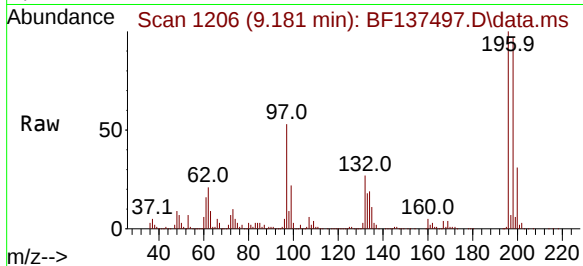




#44
2,4,5-Trichlorophenol
Concen: 41.940 ng
RT: 9.181 min Scan# 1195
Delta R.T. 0.012 min
Lab File: BF137497.D
Acq: 05 Mar 2024 13:23

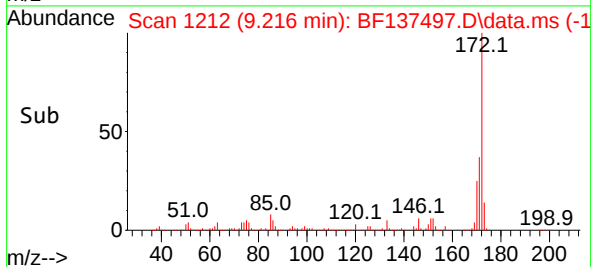
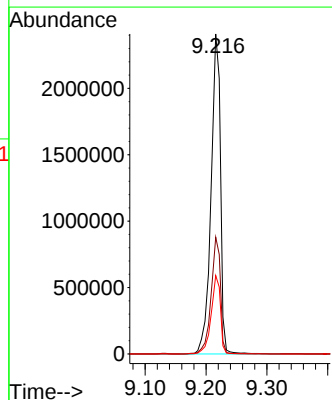
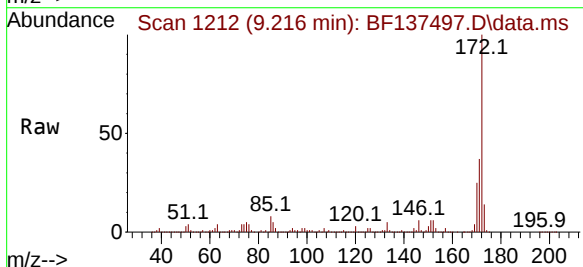
Instrument :
BNA_F
ClientSampleId :
PB159421BS

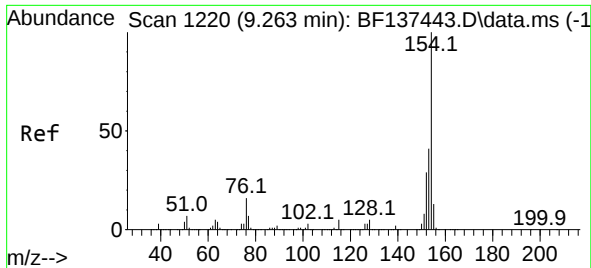
Tgt	Ion:196	Resp:	446454
Ion	Ratio	Lower	Upper
196	100		
198	96.6	78.6	117.8
97	53.4	41.8	62.8
132	27.3	22.2	33.4



#45
2-Fluorobiphenyl
Concen: 80.135 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BF137497.D
Acq: 05 Mar 2024 13:23

Tgt Ion:172	Resp: 2602106		
Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.5	42.7
170	24.5	19.0	28.6

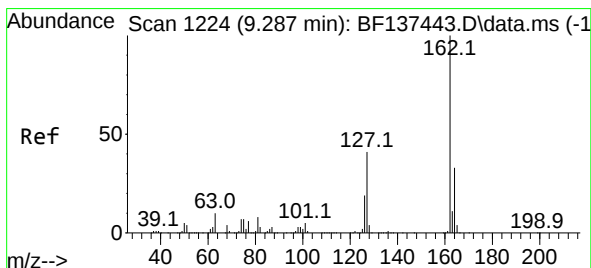
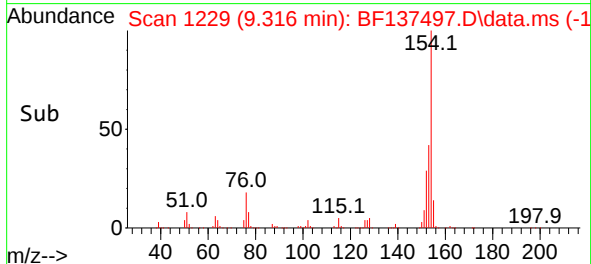
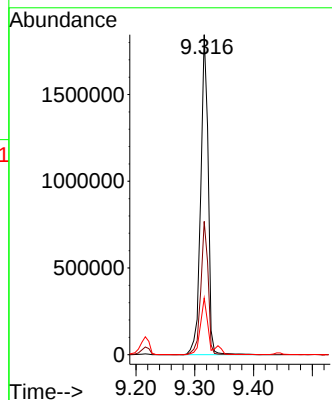
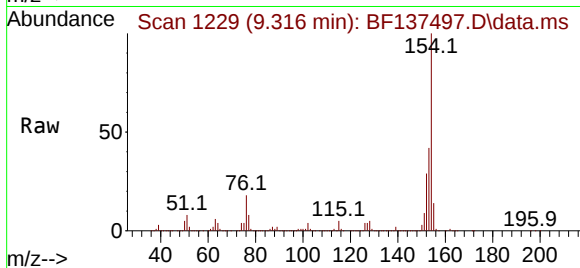




#46
1,1'-Biphenyl
Concen: 43.784 ng
RT: 9.316 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137497.D
Acq: 05 Mar 2024 13:23

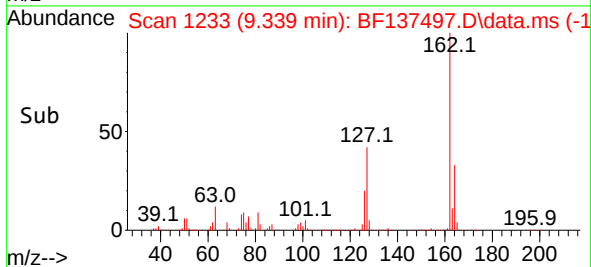
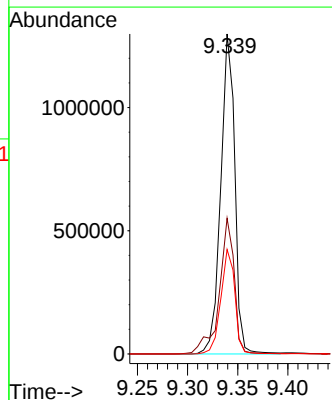
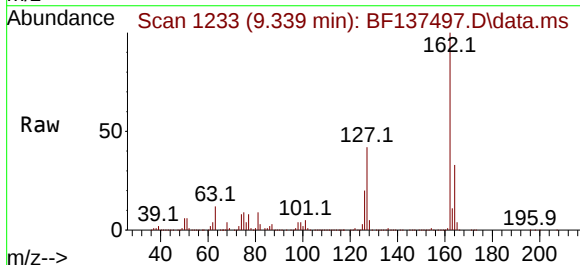
Instrument :
BNA_F
ClientSampleId :
PB159421BS

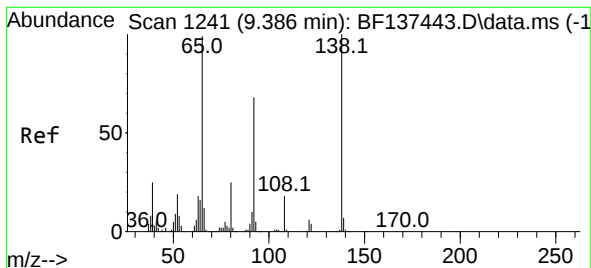
Tgt Ion:154 Resp: 1628916
Ion Ratio Lower Upper
154 100
153 41.7 21.0 61.0
76 17.7 0.0 35.8



#47
2-Chloronaphthalene
Concen: 44.641 ng
RT: 9.339 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BF137497.D
Acq: 05 Mar 2024 13:23

Tgt Ion:162 Resp: 1266203
Ion Ratio Lower Upper
162 100
127 42.4 32.6 49.0
164 32.7 26.5 39.7





#48

2-Nitroaniline

Concen: 45.889 ng

RT: 9.445 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137497.D

Acq: 05 Mar 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB159421BS

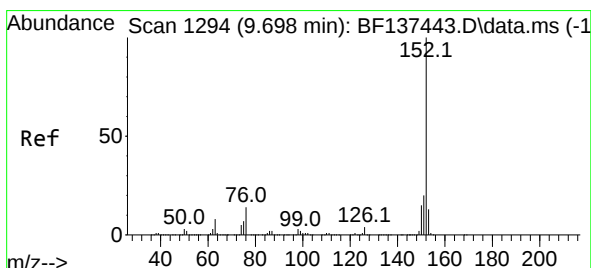
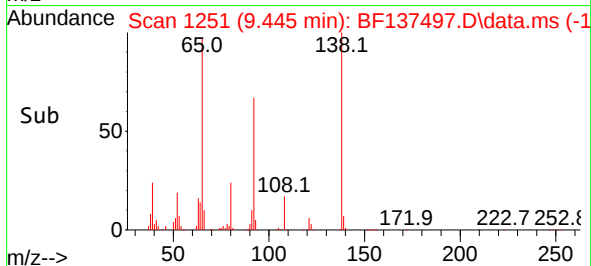
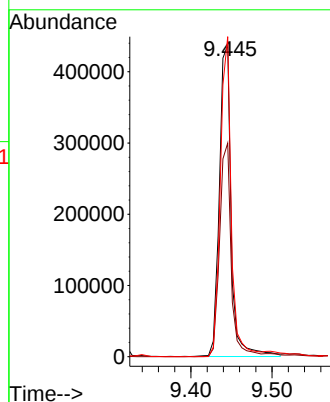
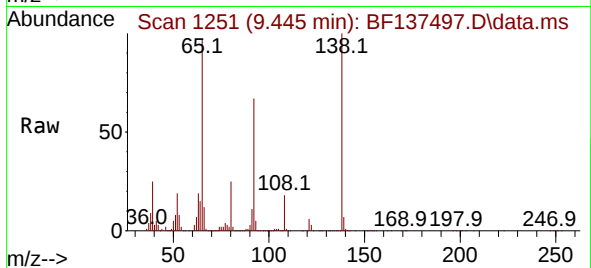
Tgt Ion: 65 Resp: 442403

Ion Ratio Lower Upper

65 100

92 68.6 55.4 83.2

138 102.7 81.0 121.6



#49

Acenaphthylene

Concen: 44.008 ng

RT: 9.757 min Scan# 1304

Delta R.T. 0.000 min

Lab File: BF137497.D

Acq: 05 Mar 2024 13:23

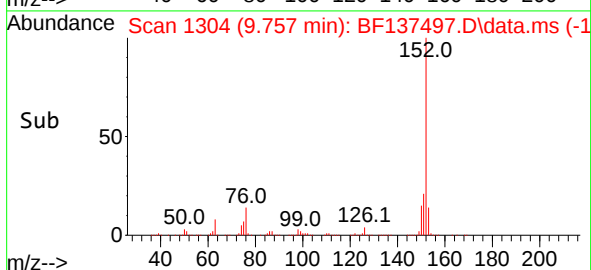
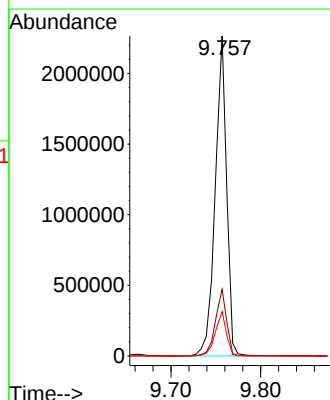
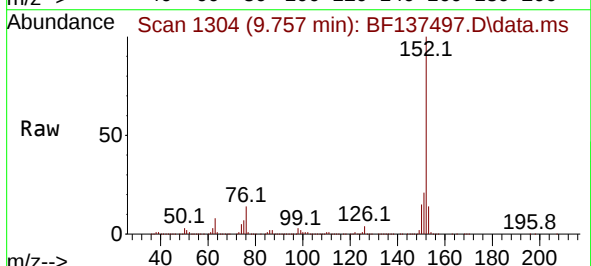
Tgt Ion: 152 Resp: 1997643

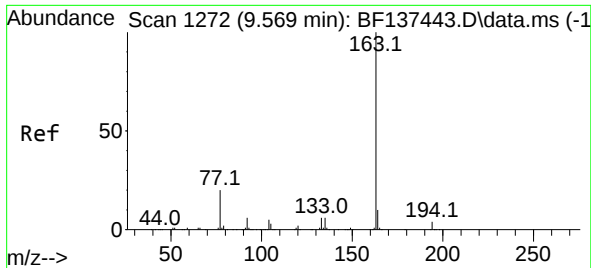
Ion Ratio Lower Upper

152 100

151 20.8 16.2 24.4

153 13.8 10.8 16.2

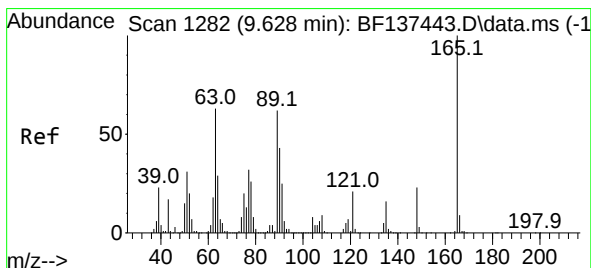
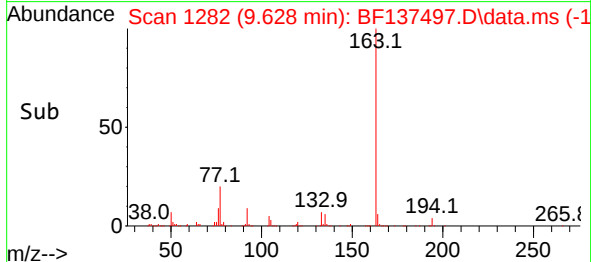
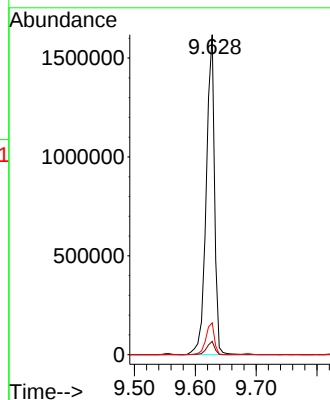
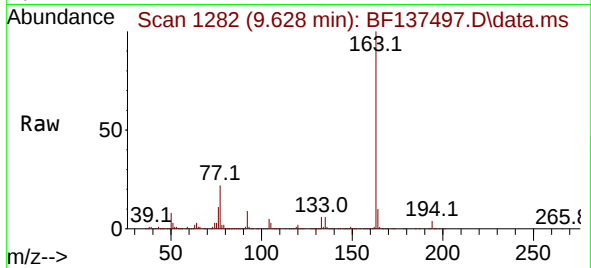




#50
Dimethylphthalate
Concen: 43.213 ng
RT: 9.628 min Scan# 1272
Delta R.T. 0.000 min
Lab File: BF137497.D
Acq: 05 Mar 2024 13:23

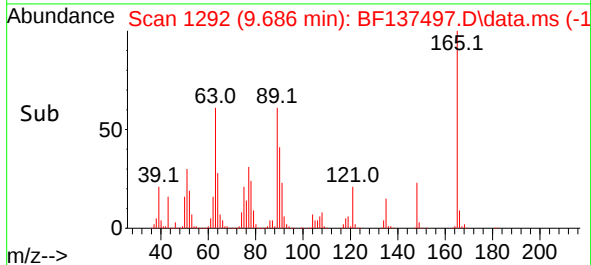
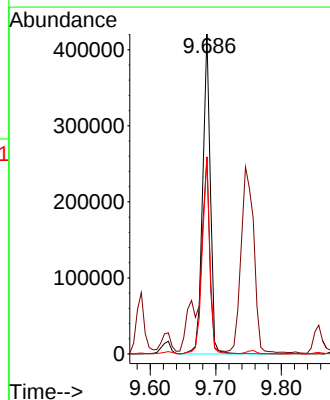
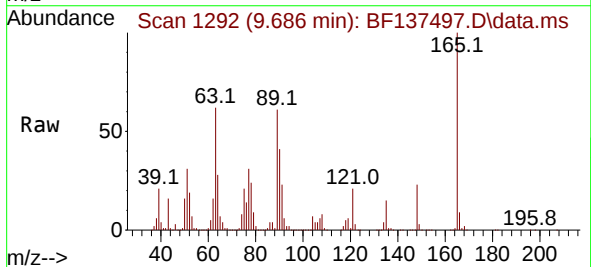
Instrument :
BNA_F
ClientSampleId :
PB159421BS

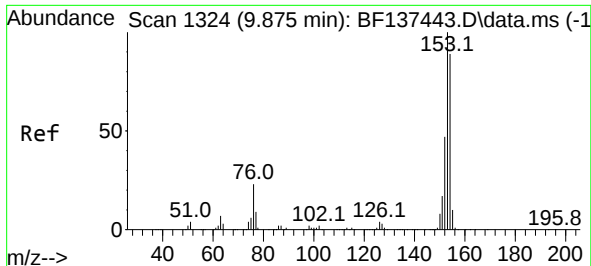
Tgt Ion:163 Resp: 1529034
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.0 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 46.437 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF137497.D
Acq: 05 Mar 2024 13:23

Tgt Ion:165 Resp: 343669
Ion Ratio Lower Upper
165 100
63 61.6 50.7 76.1
89 61.3 50.0 75.0





#52

Acenaphthene

Concen: 42.251 ng

RT: 9.928 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137497.D

Acq: 05 Mar 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB159421BS

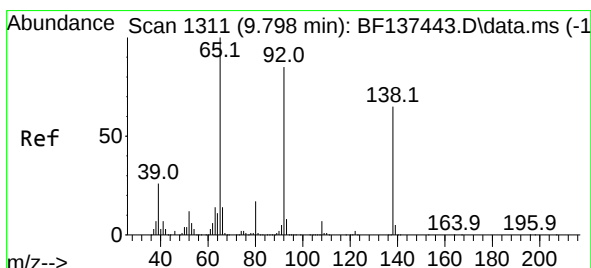
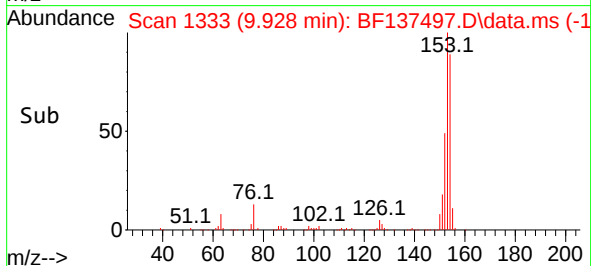
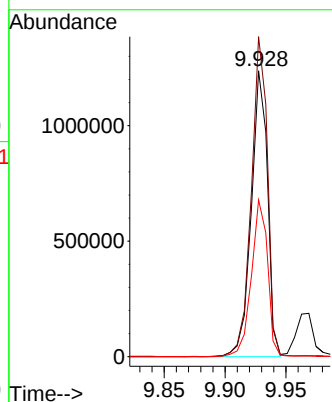
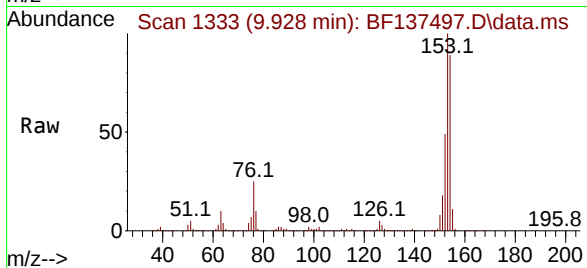
Tgt Ion:154 Resp: 1144975

Ion Ratio Lower Upper

154 100

153 111.9 90.3 135.5

152 54.8 42.7 64.1



#53

3-Nitroaniline

Concen: 24.510 ng

RT: 9.857 min Scan# 1321

Delta R.T. 0.000 min

Lab File: BF137497.D

Acq: 05 Mar 2024 13:23

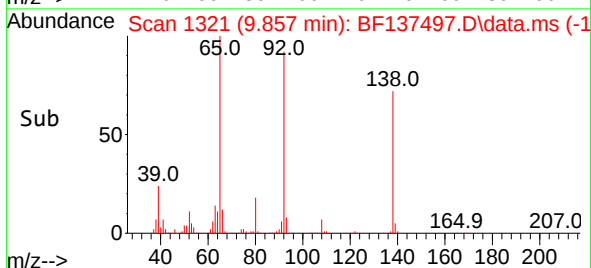
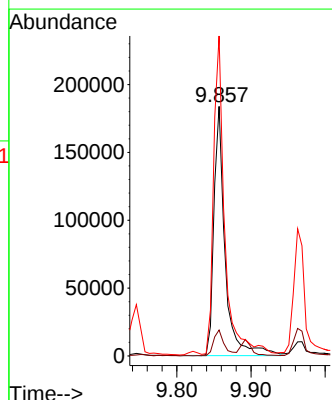
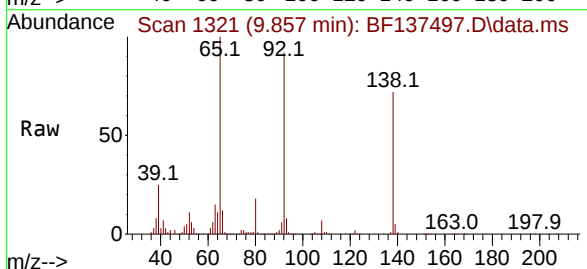
Tgt Ion:138 Resp: 191872

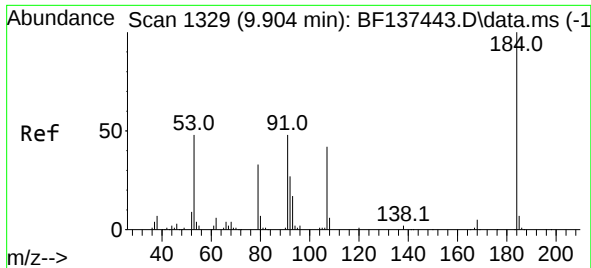
Ion Ratio Lower Upper

138 100

108 10.4 9.1 13.7

92 128.2 104.6 157.0

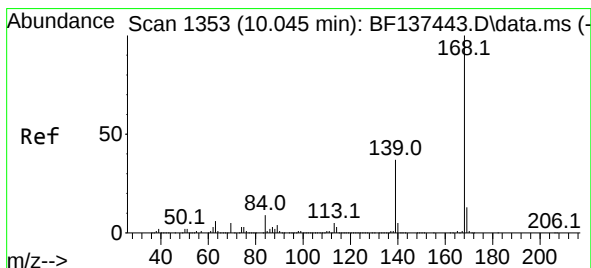
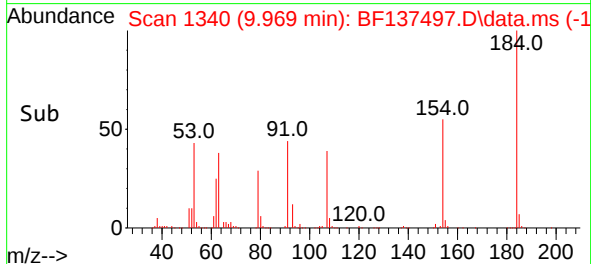
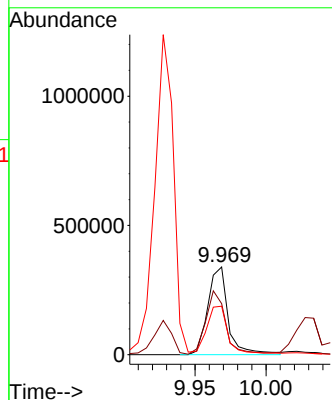
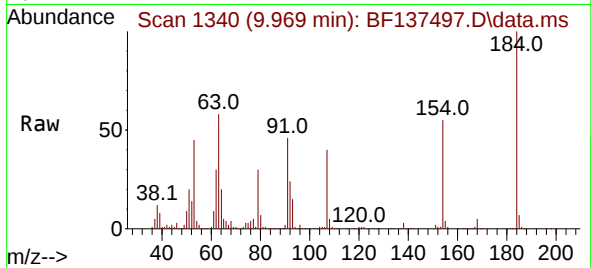




#54
2,4-Dinitrophenol
Concen: 92.588 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137497.D
Acq: 05 Mar 2024 13:23

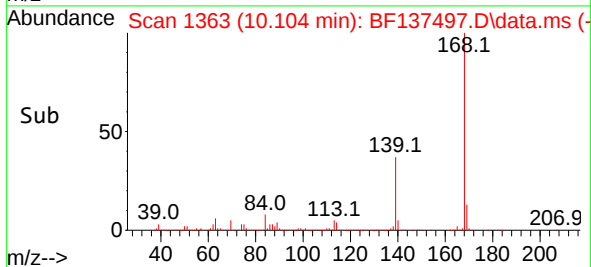
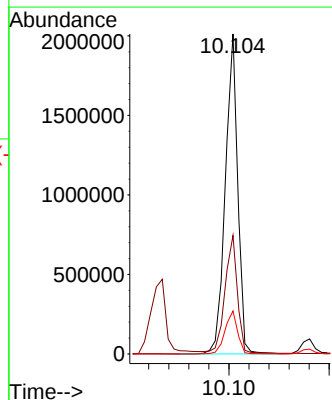
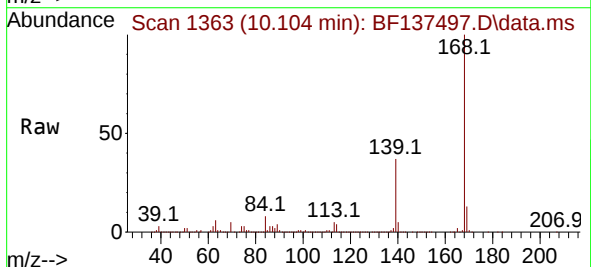
Instrument :
BNA_F
ClientSampleId :
PB159421BS

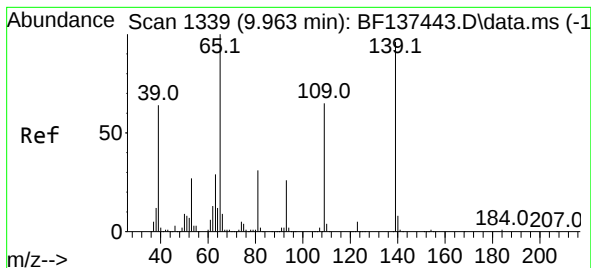
Tgt Ion:184 Resp: 339426
Ion Ratio Lower Upper
184 100
63 58.3 53.3 79.9
154 55.4 47.4 71.0



#55
Dibenzofuran
Concen: 41.734 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BF137497.D
Acq: 05 Mar 2024 13:23

Tgt Ion:168 Resp: 1722552
Ion Ratio Lower Upper
168 100
139 37.1 29.8 44.6
169 13.5 10.8 16.2





#56

4-Nitrophenol

Concen: 90.169 ng

RT: 10.033 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF137497.D

Acq: 05 Mar 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB159421BS

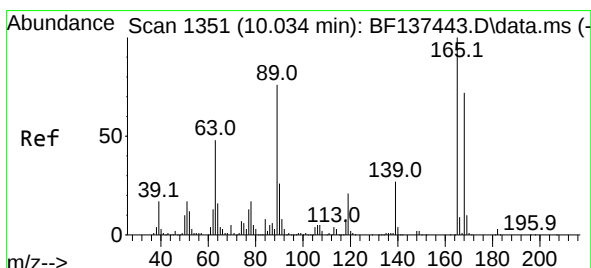
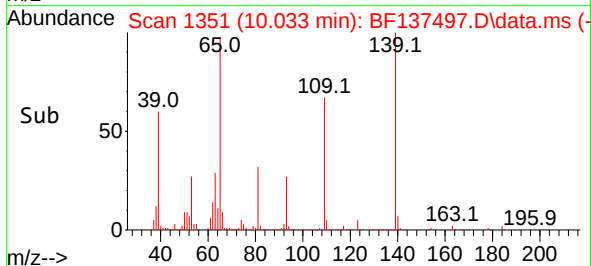
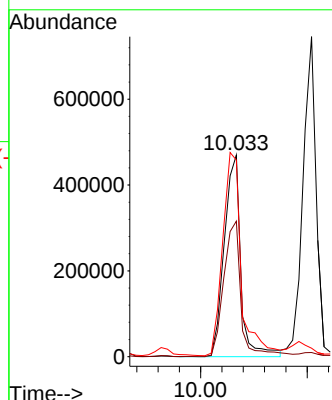
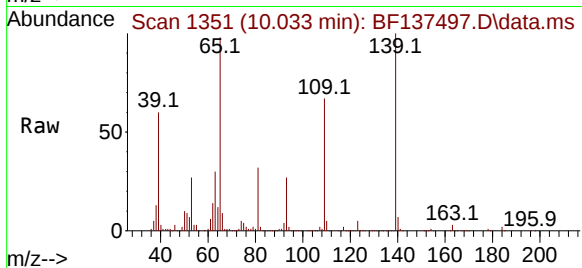
Tgt Ion:139 Resp: 505582

Ion Ratio Lower Upper

139 100

109 67.2 47.1 87.1

65 97.5 85.1 125.1



#57

2,4-Dinitrotoluene

Concen: 45.669 ng

RT: 10.092 min Scan# 1361

Delta R.T. 0.000 min

Lab File: BF137497.D

Acq: 05 Mar 2024 13:23

Tgt Ion:165 Resp: 415241

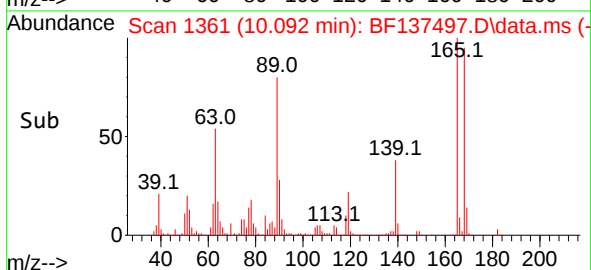
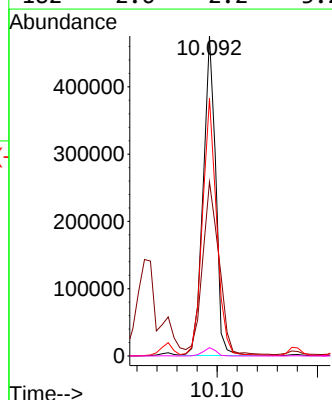
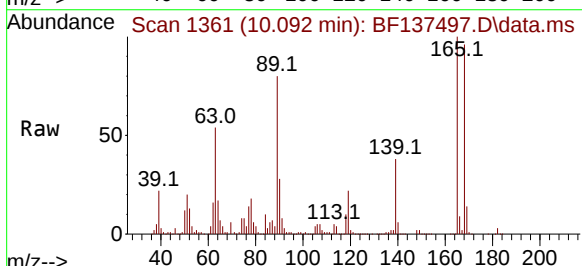
Ion Ratio Lower Upper

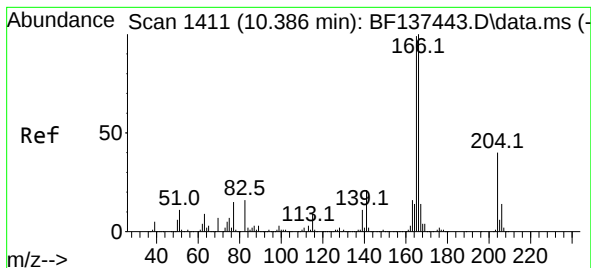
165 100

63 54.4 39.0 58.6

89 80.4 60.9 91.3

182 2.6 2.2 3.2





#58

Fluorene

Concen: 41.057 ng

RT: 10.445 min Scan# 1411

Delta R.T. 0.000 min

Lab File: BF137497.D

Acq: 05 Mar 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB159421BS

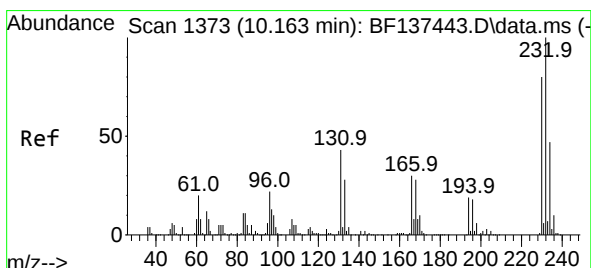
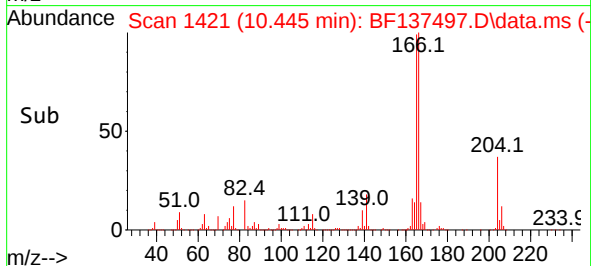
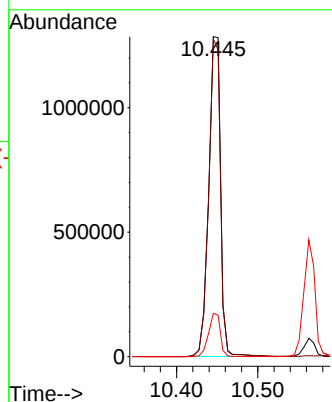
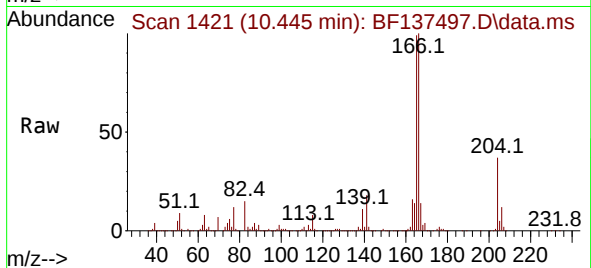
Tgt Ion:166 Resp: 1301441

Ion Ratio Lower Upper

166 100

165 99.3 79.2 118.8

167 13.6 11.0 16.6



#59

2,3,4,6-Tetrachlorophenol

Concen: 45.049 ng

RT: 10.222 min Scan# 1383

Delta R.T. 0.000 min

Lab File: BF137497.D

Acq: 05 Mar 2024 13:23

Tgt Ion:232 Resp: 384558

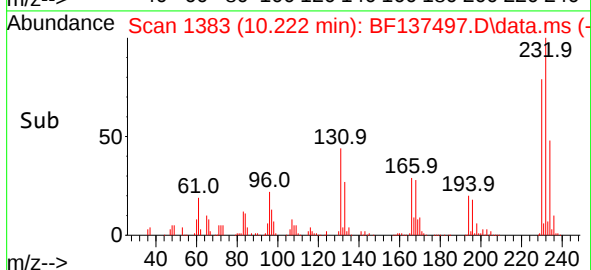
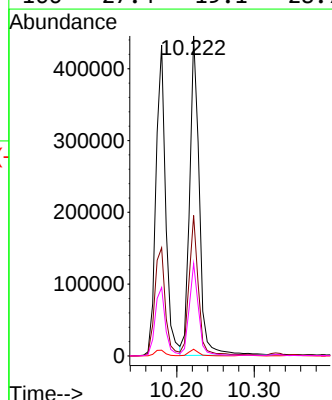
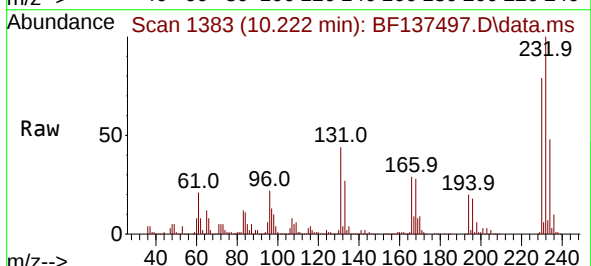
Ion Ratio Lower Upper

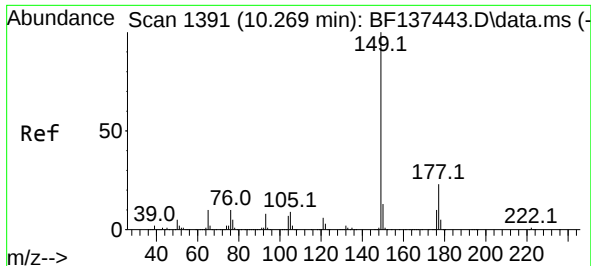
232 100

131 43.1 31.2 46.8

130 2.2 1.8 2.6

166 27.4 19.1 28.7

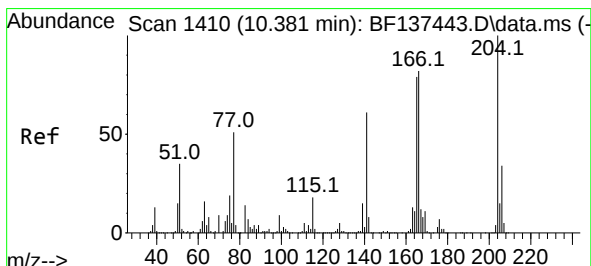
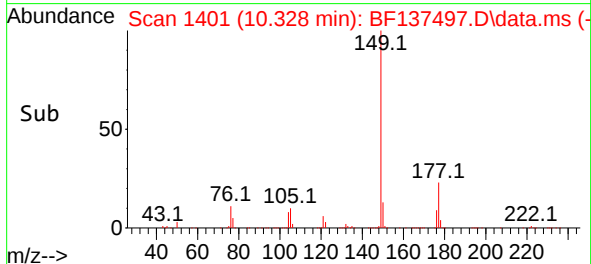
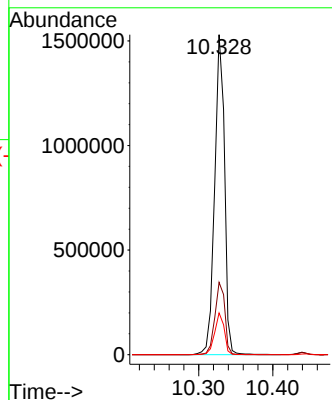
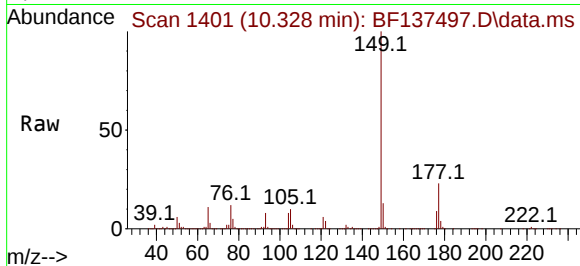




#60
Diethylphthalate
Concen: 42.242 ng
RT: 10.328 min Scan# 141
Delta R.T. 0.000 min
Lab File: BF137497.D
Acq: 05 Mar 2024 13:23

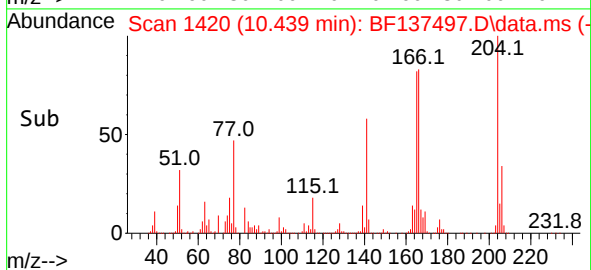
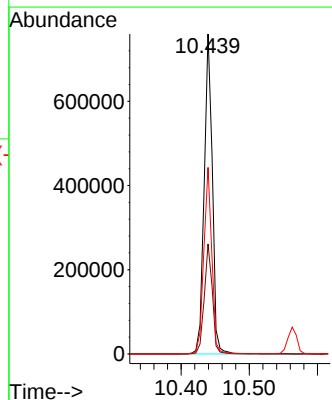
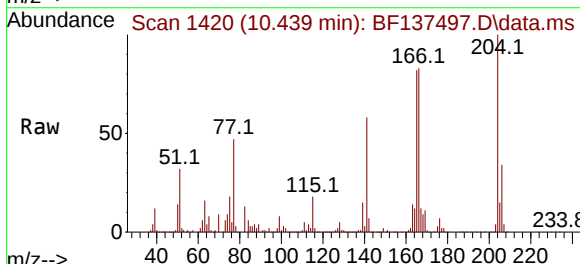
Instrument :
BNA_F
ClientSampleId :
PB159421BS

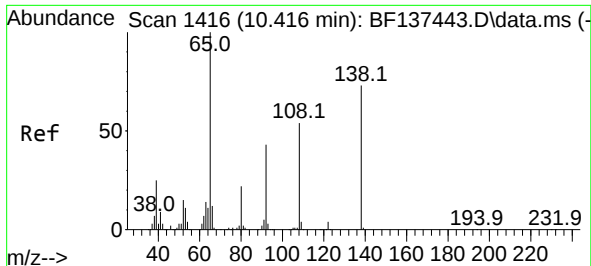
Tgt Ion:149 Resp: 1411469
Ion Ratio Lower Upper
149 100
177 22.6 18.7 28.1
150 13.0 10.2 15.4



#61
4-Chlorophenyl-phenylether
Concen: 40.733 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF137497.D
Acq: 05 Mar 2024 13:23

Tgt Ion:204 Resp: 632790
Ion Ratio Lower Upper
204 100
206 34.4 27.4 41.0
141 58.3 48.4 72.6

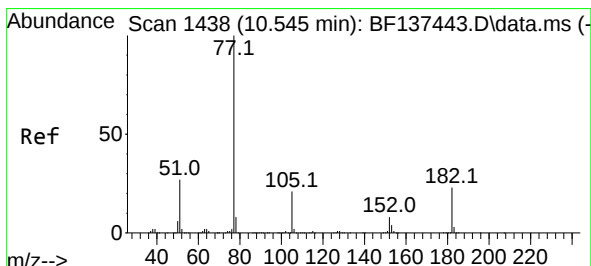
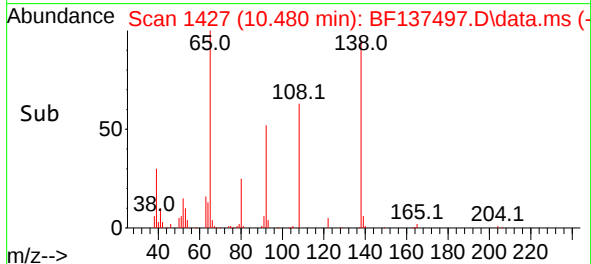
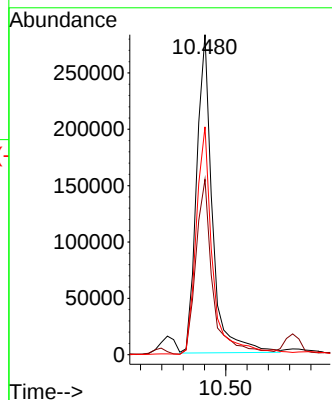
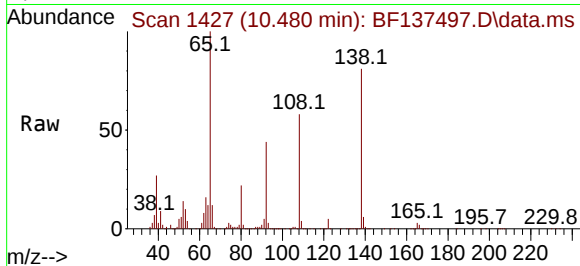




#62
4-Nitroaniline
Concen: 43.183 ng
RT: 10.480 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF137497.D
Acq: 05 Mar 2024 13:23

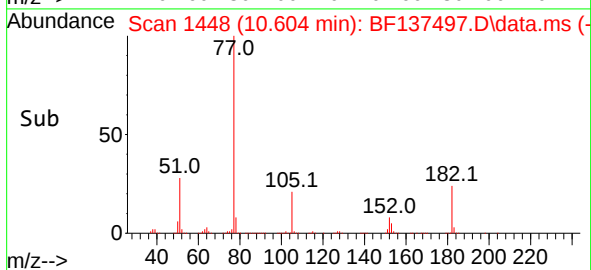
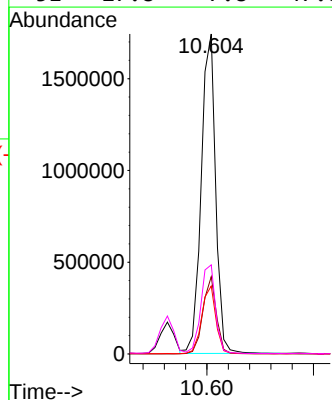
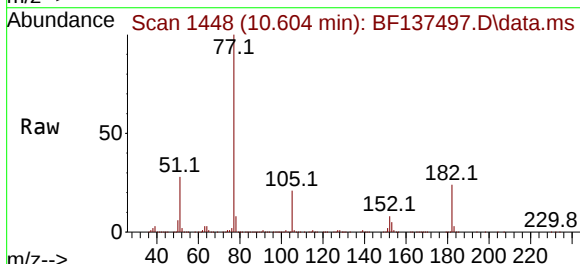
Instrument :
BNA_F
ClientSampleId :
PB159421BS

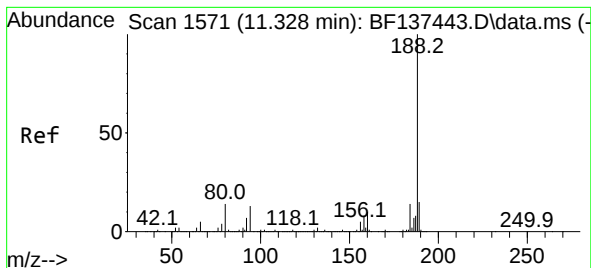
Tgt Ion:138 Resp: 290541
Ion Ratio Lower Upper
138 100
92 54.8 37.9 77.9
108 71.2 53.2 93.2



#63
Azobenzene
Concen: 42.646 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF137497.D
Acq: 05 Mar 2024 13:23

Tgt Ion: 77 Resp: 1640822
Ion Ratio Lower Upper
77 100
182 24.2 3.2 43.2
105 21.2 1.2 41.2
51 27.8 7.8 47.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137497.D

Acq: 05 Mar 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB159421BS

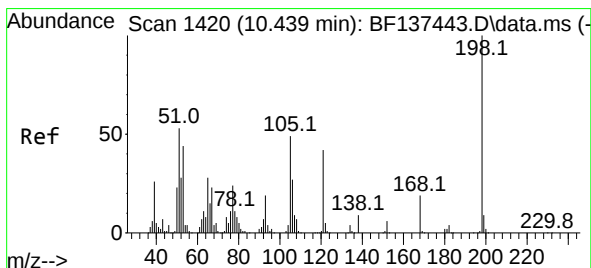
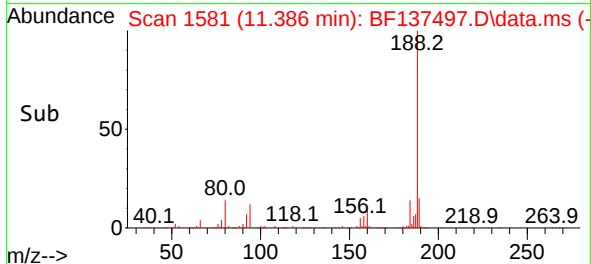
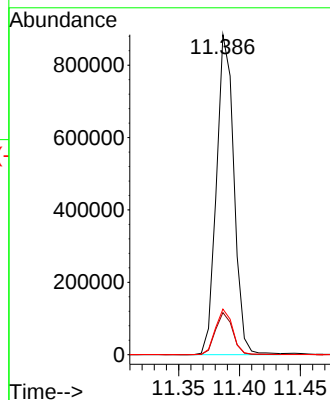
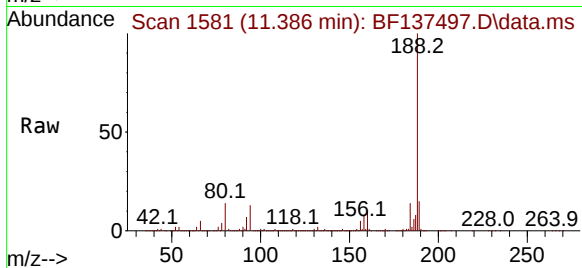
Tgt Ion:188 Resp: 884420

Ion Ratio Lower Upper

188 100

94 13.2 10.6 15.8

80 14.2 11.5 17.3



#65

4,6-Dinitro-2-methylphenol

Concen: 46.593 ng

RT: 10.504 min Scan# 1431

Delta R.T. 0.006 min

Lab File: BF137497.D

Acq: 05 Mar 2024 13:23

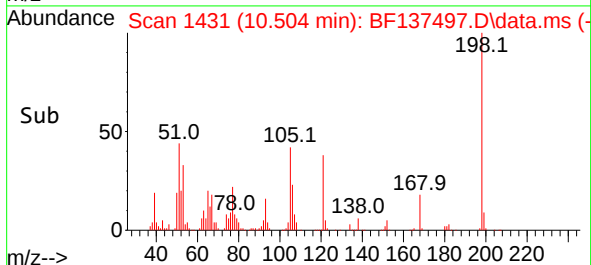
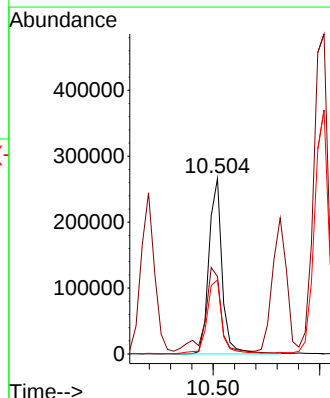
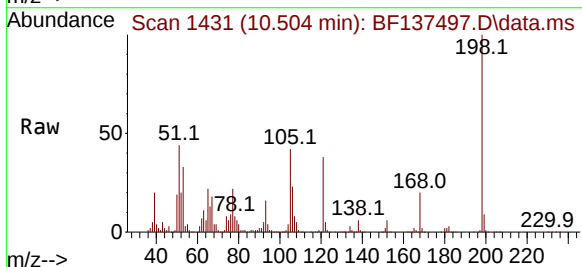
Tgt Ion:198 Resp: 229669

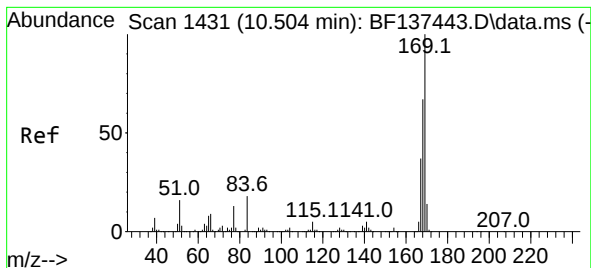
Ion Ratio Lower Upper

198 100

51 44.1 37.2 77.2

105 42.1 29.2 69.2





#66

n-Nitrosodiphenylamine

Concen: 42.438 ng

RT: 10.563 min Scan# 14

Delta R.T. 0.000 min

Lab File: BF137497.D

Acq: 05 Mar 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB159421BS

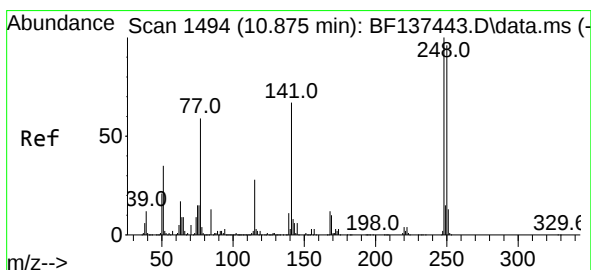
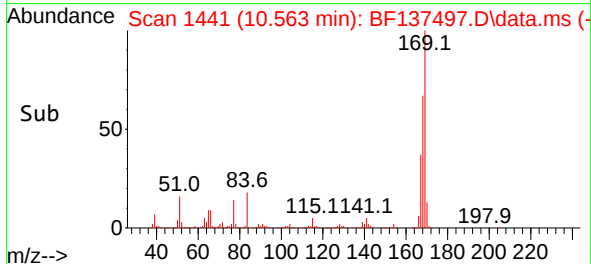
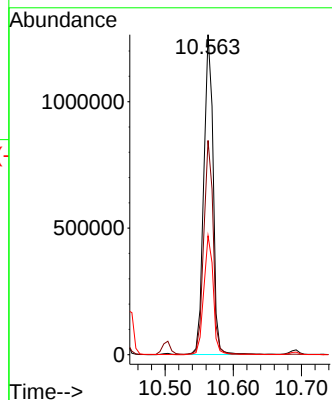
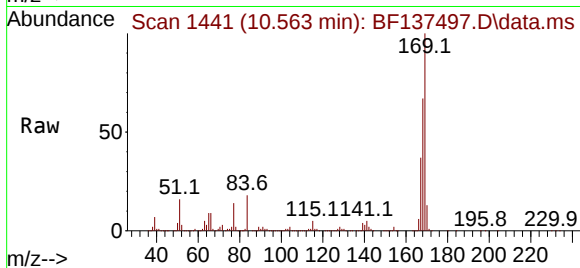
Tgt Ion:169 Resp: 1208608

Ion Ratio Lower Upper

169 100

168 66.9 53.8 80.6

167 37.1 29.6 44.4



#67

4-Bromophenyl-phenylether

Concen: 42.691 ng

RT: 10.933 min Scan# 1504

Delta R.T. 0.000 min

Lab File: BF137497.D

Acq: 05 Mar 2024 13:23

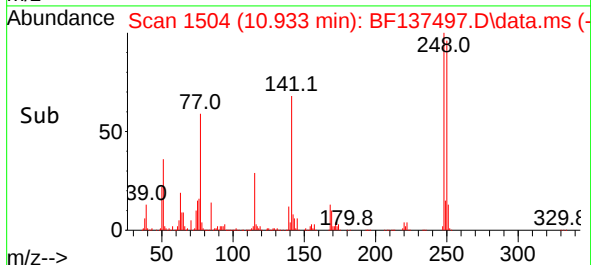
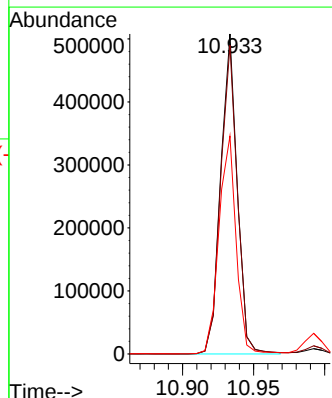
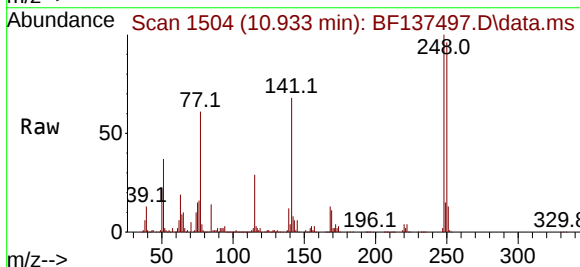
Tgt Ion:248 Resp: 411236

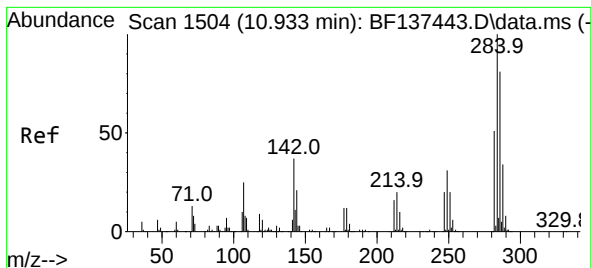
Ion Ratio Lower Upper

248 100

250 96.5 76.8 115.2

141 68.1 53.4 80.0





#68

Hexachlorobenzene

Concen: 46.339 ng

RT: 10.992 min Scan# 1514

Delta R.T. 0.000 min

Lab File: BF137497.D

Acq: 05 Mar 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB159421BS

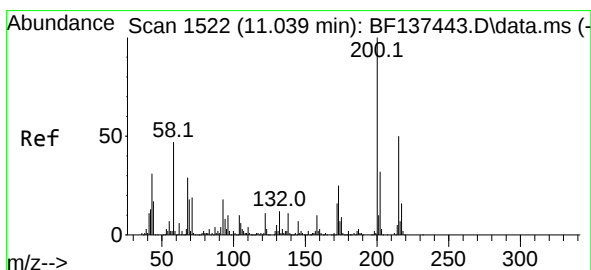
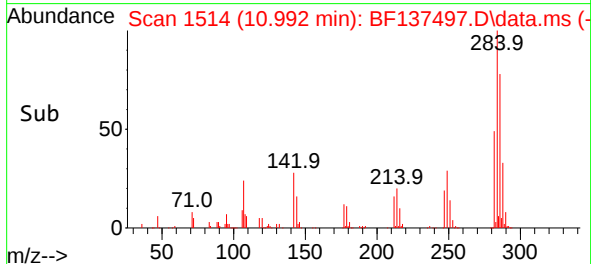
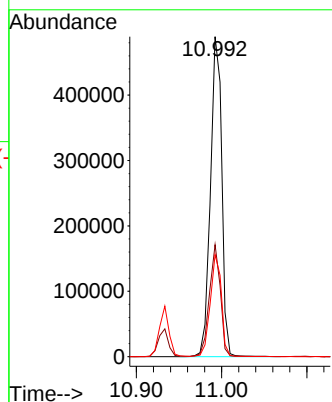
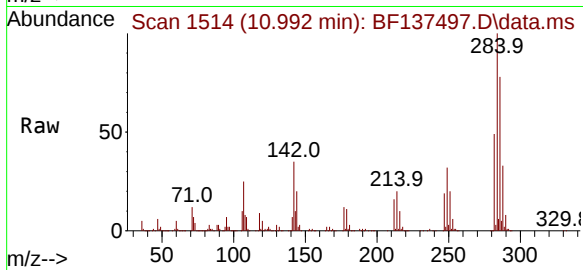
Tgt Ion:284 Resp: 450855

Ion Ratio Lower Upper

284 100

142 35.0 29.4 44.0

249 31.9 25.0 37.4



#69

Atrazine

Concen: 46.199 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.000 min

Lab File: BF137497.D

Acq: 05 Mar 2024 13:23

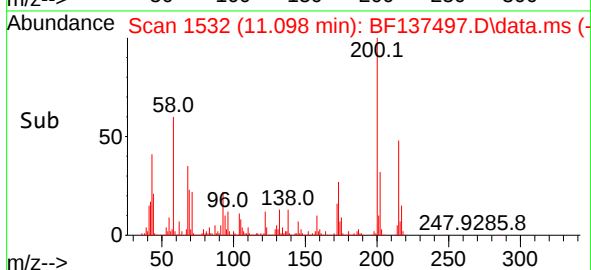
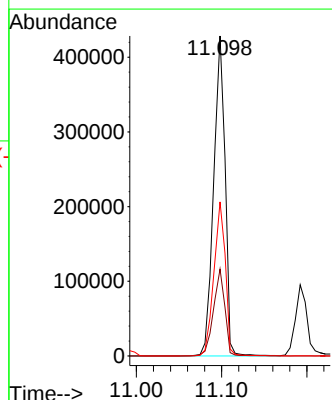
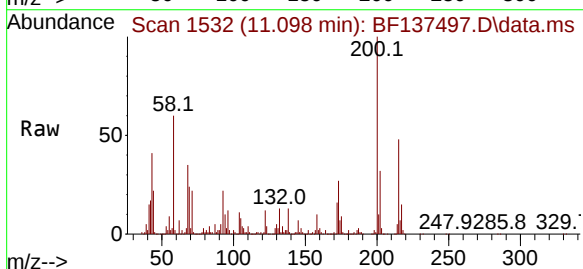
Tgt Ion:200 Resp: 399972

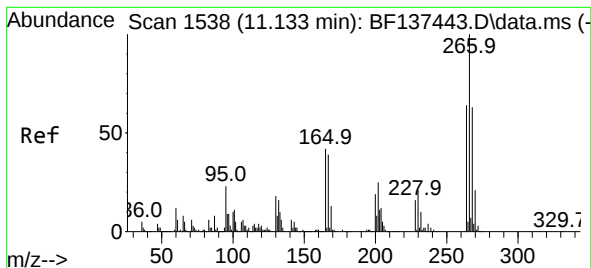
Ion Ratio Lower Upper

200 100

173 27.2 5.1 45.1

215 48.2 30.4 70.4





#70

Pentachlorophenol

Concen: 87.755 ng

RT: 11.192 min Scan# 1548

Delta R.T. 0.000 min

Lab File: BF137497.D

Acq: 05 Mar 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB159421BS

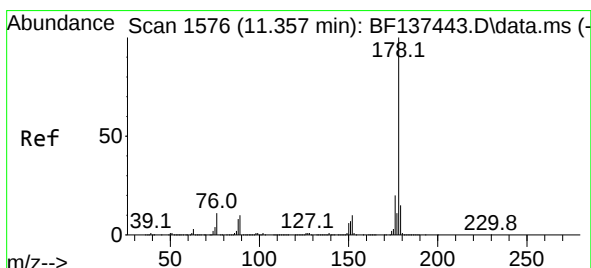
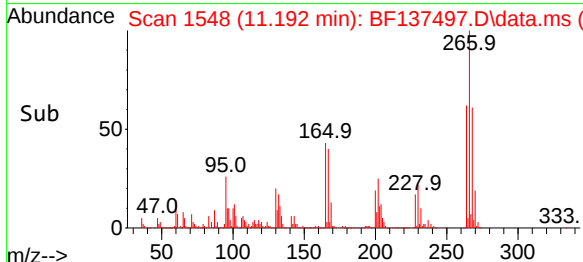
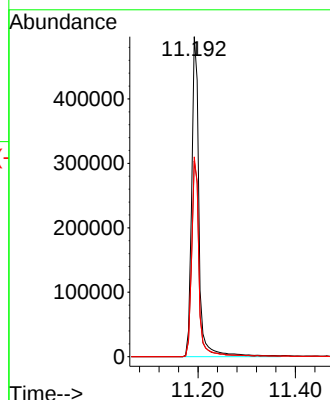
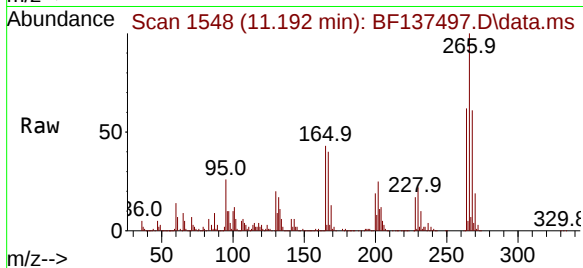
Tgt Ion:266 Resp: 516140

Ion Ratio Lower Upper

266 100

268 61.1 50.2 75.2

264 62.4 50.9 76.3



#71

Phenanthrene

Concen: 41.480 ng

RT: 11.416 min Scan# 1586

Delta R.T. 0.000 min

Lab File: BF137497.D

Acq: 05 Mar 2024 13:23

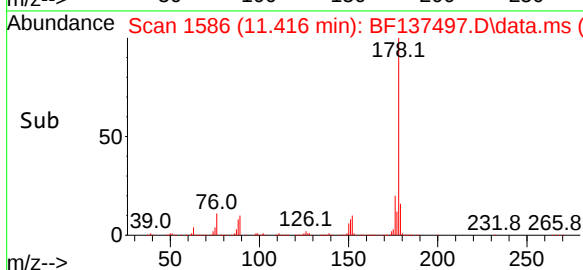
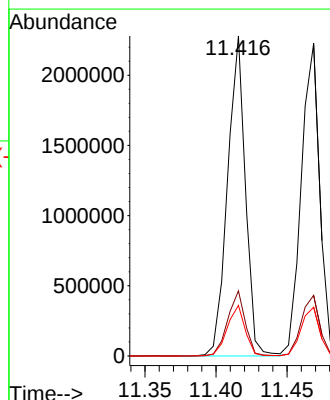
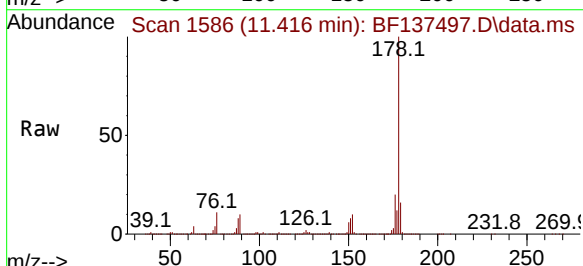
Tgt Ion:178 Resp: 1996528

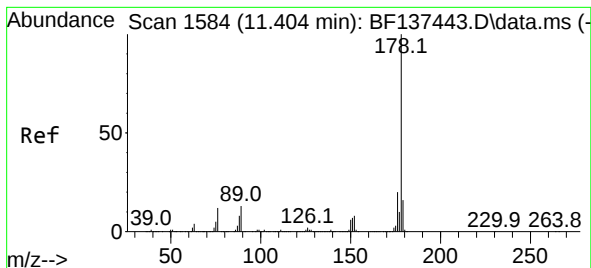
Ion Ratio Lower Upper

178 100

176 20.3 15.8 23.8

179 15.8 12.2 18.2





#72

Anthracene

Concen: 41.431 ng

RT: 11.469 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137497.D

Acq: 05 Mar 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB159421BS

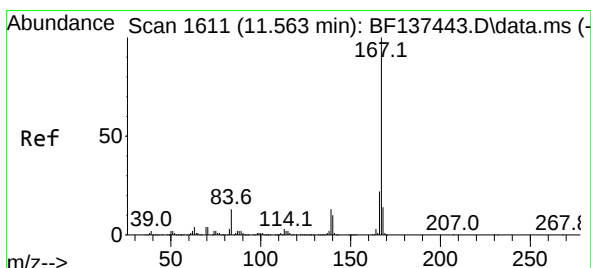
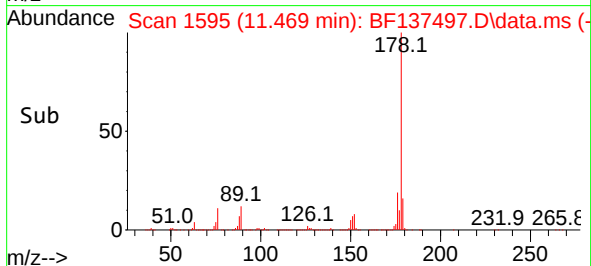
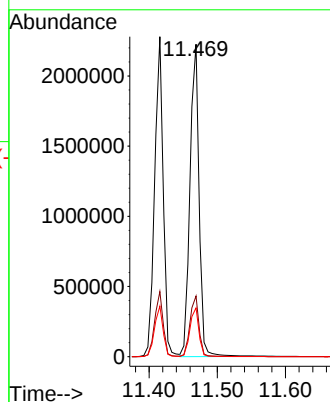
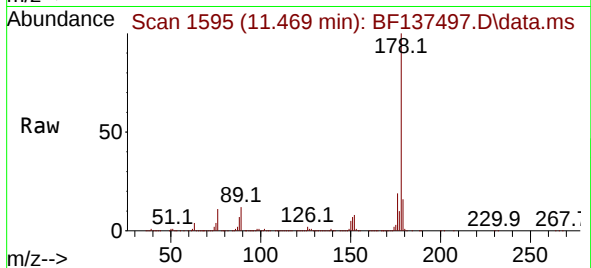
Tgt Ion:178 Resp: 2048102

Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

179 15.6 12.7 19.1



#73

Carbazole

Concen: 43.794 ng

RT: 11.627 min Scan# 1622

Delta R.T. 0.006 min

Lab File: BF137497.D

Acq: 05 Mar 2024 13:23

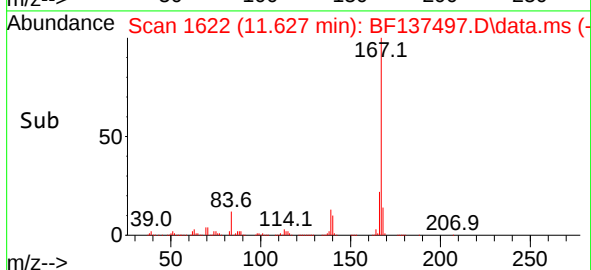
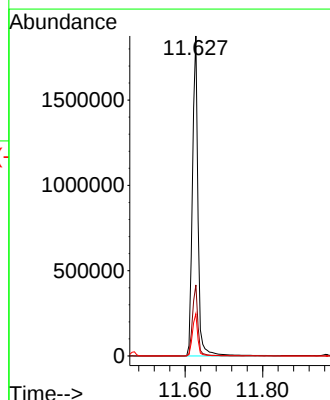
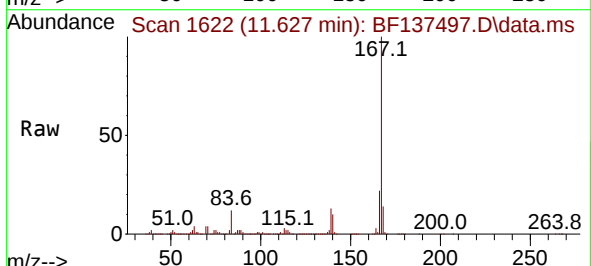
Tgt Ion:167 Resp: 1854395

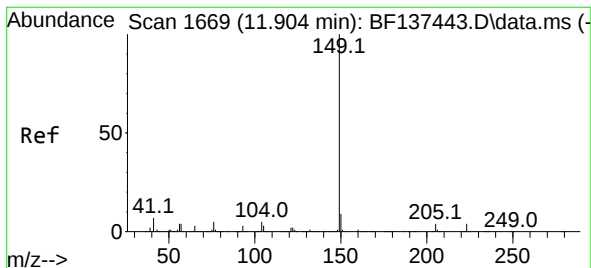
Ion Ratio Lower Upper

167 100

166 22.2 17.8 26.8

139 13.2 10.5 15.7





#74

Di-n-butylphthalate

Concen: 43.687 ng

RT: 11.963 min Scan# 1679

Delta R.T. 0.000 min

Lab File: BF137497.D

Acq: 05 Mar 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB159421BS

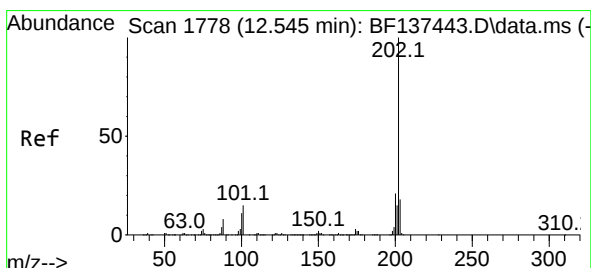
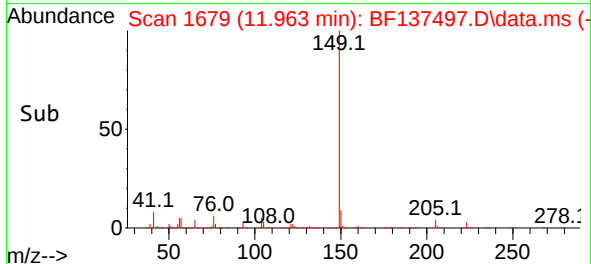
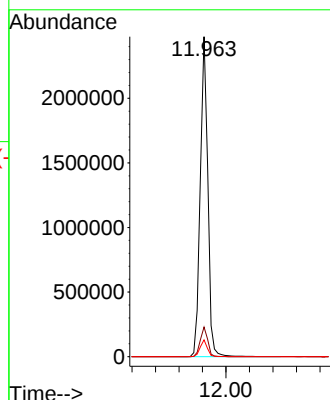
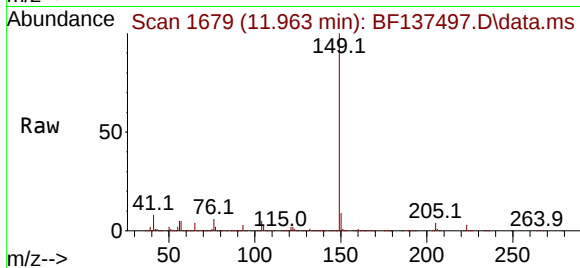
Tgt Ion:149 Resp: 2200910

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 5.3 3.8 5.6



#75

Fluoranthene

Concen: 43.189 ng

RT: 12.610 min Scan# 1789

Delta R.T. 0.000 min

Lab File: BF137497.D

Acq: 05 Mar 2024 13:23

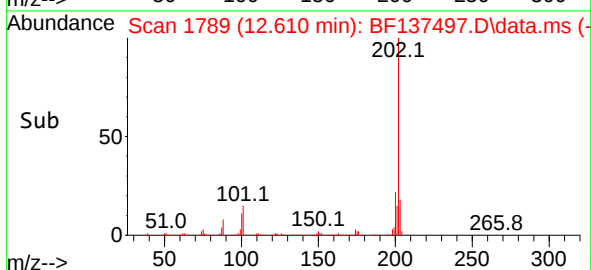
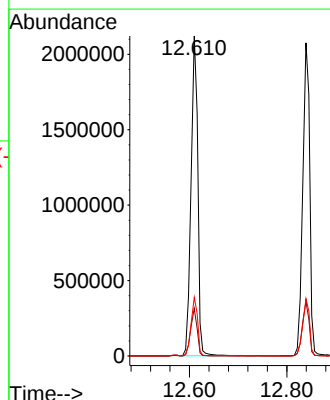
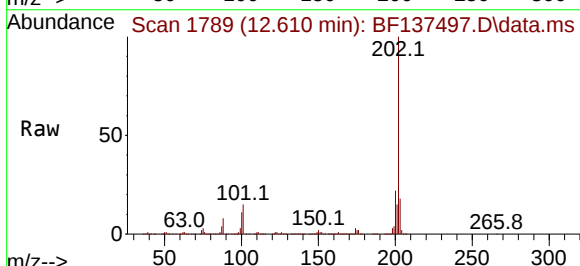
Tgt Ion:202 Resp: 2031934

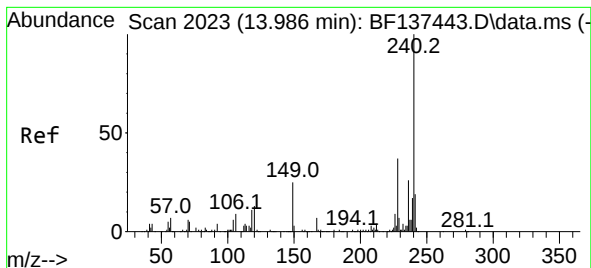
Ion Ratio Lower Upper

202 100

101 14.9 0.0 35.0

203 18.4 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF137497.D

Acq: 05 Mar 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB159421BS

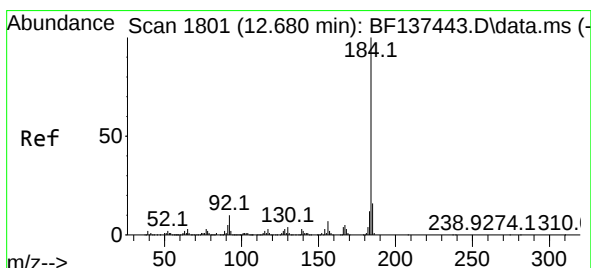
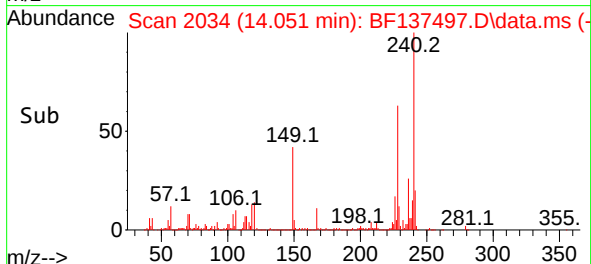
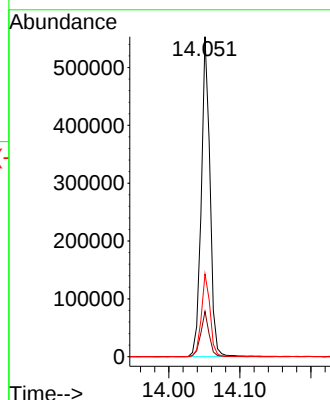
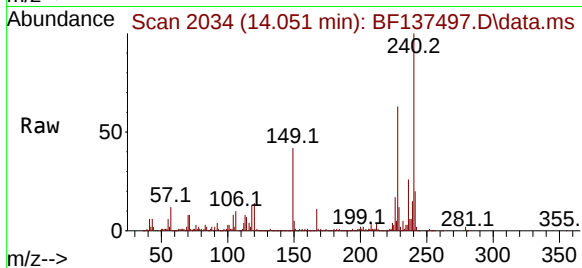
Tgt Ion:240 Resp: 473297

Ion Ratio Lower Upper

240 100

120 14.1 10.4 15.6

236 25.9 20.9 31.3



#77

Benzidine

Concen: 20.883 ng

RT: 12.745 min Scan# 1812

Delta R.T. 0.006 min

Lab File: BF137497.D

Acq: 05 Mar 2024 13:23

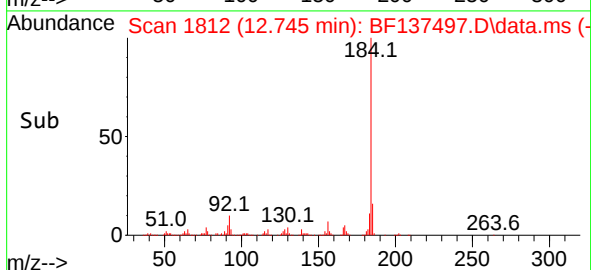
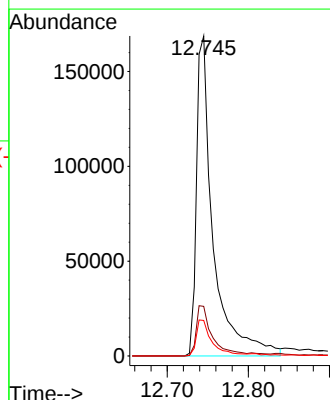
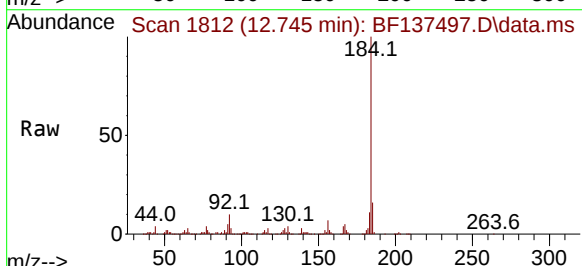
Tgt Ion:184 Resp: 241879

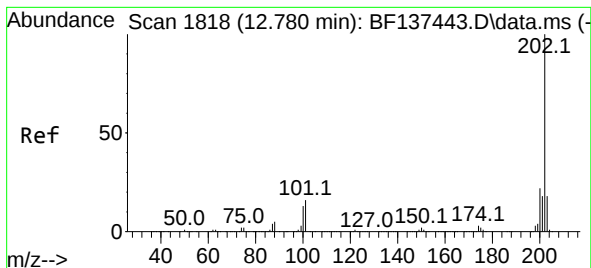
Ion Ratio Lower Upper

184 100

185 15.5 13.2 19.8

183 11.1 9.3 13.9





#78

Pyrene

Concen: 44.276 ng

RT: 12.839 min Scan# 1828

Delta R.T. 0.000 min

Lab File: BF137497.D

Acq: 05 Mar 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB159421BS

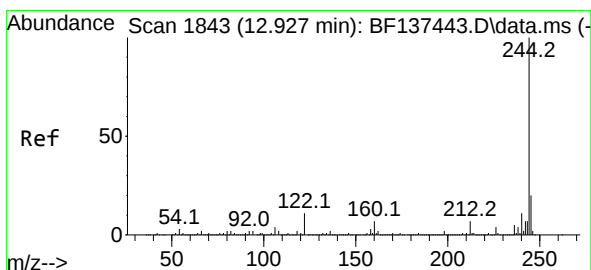
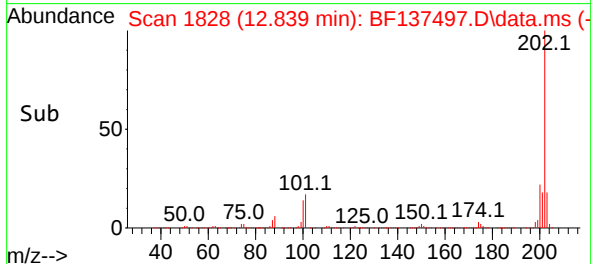
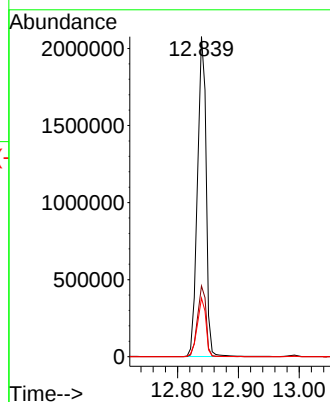
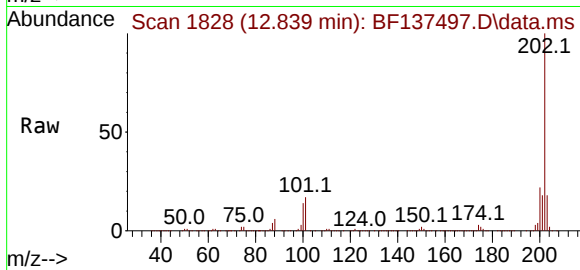
Tgt Ion:202 Resp: 2056221

Ion Ratio Lower Upper

202 100

200 22.1 17.4 26.2

203 18.3 14.1 21.1



#79

Terphenyl-d14

Concen: 85.754 ng

RT: 12.992 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF137497.D

Acq: 05 Mar 2024 13:23

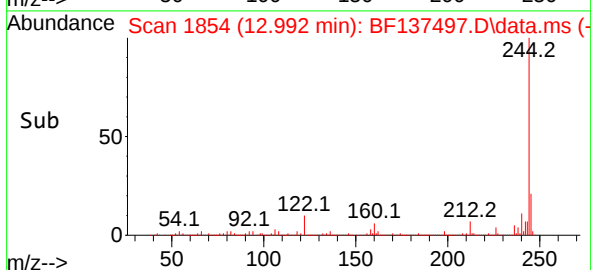
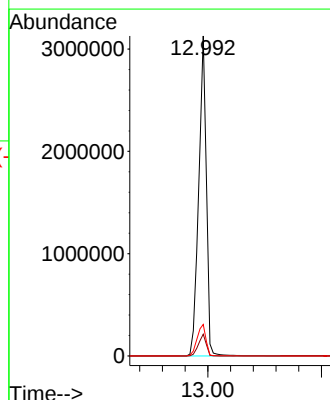
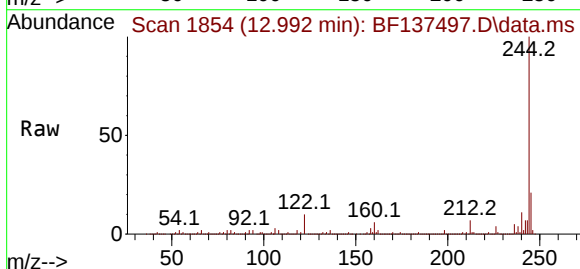
Tgt Ion:244 Resp: 2951578

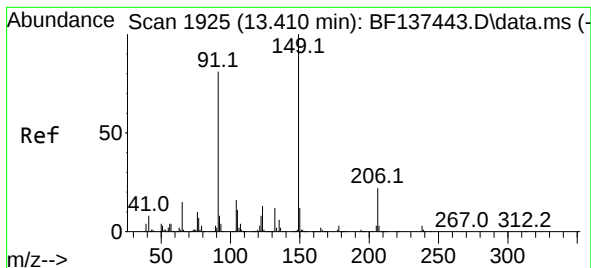
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 9.8 9.1 13.7





#80

Butylbenzylphthalate

Concen: 53.536 ng

RT: 13.474 min Scan# 1925

Delta R.T. 0.006 min

Lab File: BF137497.D

Acq: 05 Mar 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB159421BS

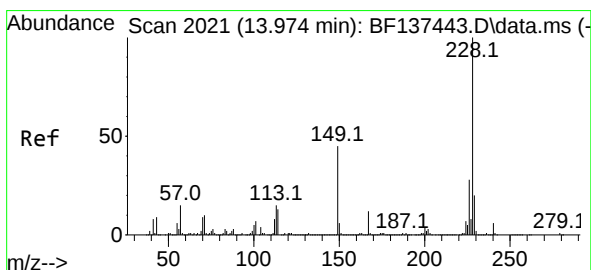
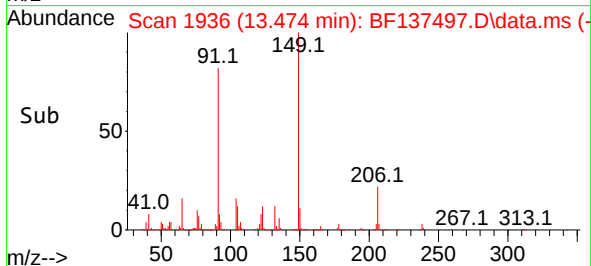
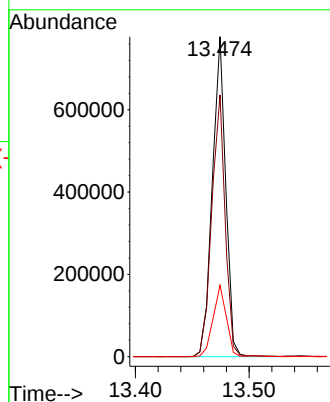
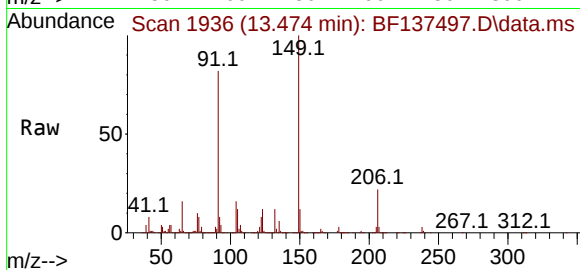
Tgt Ion:149 Resp: 634954

Ion Ratio Lower Upper

149 100

91 81.8 64.7 97.1

206 22.3 17.5 26.3



#81

Benzo(a)anthracene

Concen: 43.505 ng

RT: 14.039 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF137497.D

Acq: 05 Mar 2024 13:23

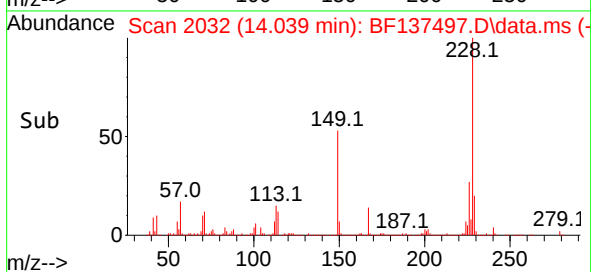
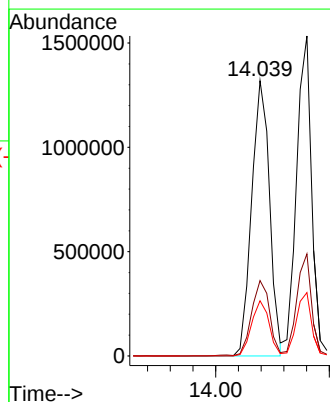
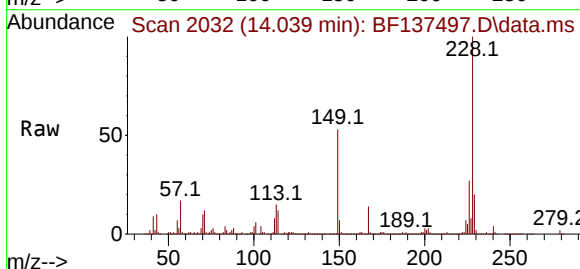
Tgt Ion:228 Resp: 1443180

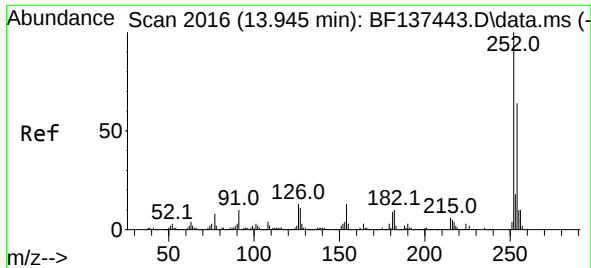
Ion Ratio Lower Upper

228 100

226 27.4 22.3 33.5

229 20.1 16.3 24.5

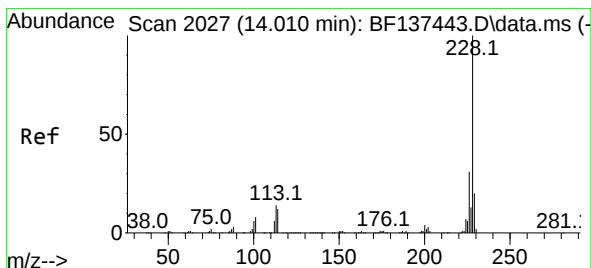
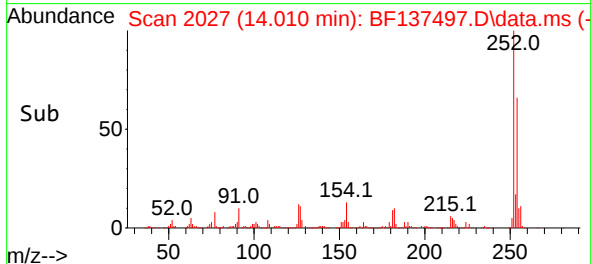
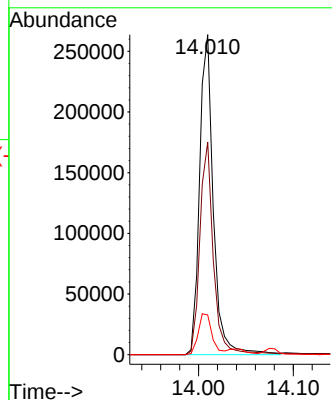
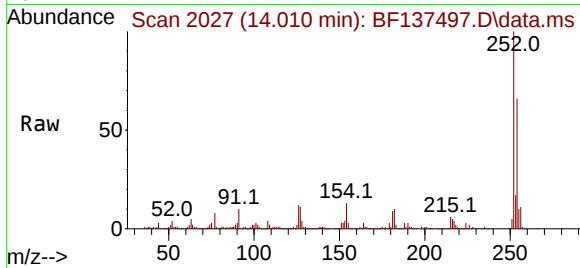




#82
 3,3'-Dichlorobenzidine
 Concen: 30.296 ng
 RT: 14.010 min Scan# 2016
 Delta R.T. 0.006 min
 Lab File: BF137497.D
 Acq: 05 Mar 2024 13:23

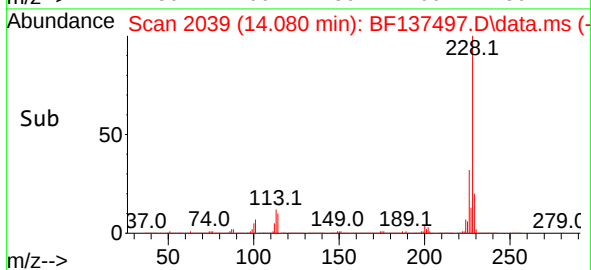
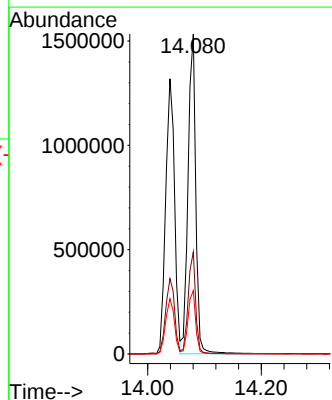
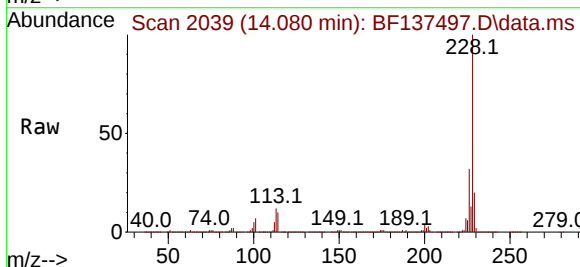
Instrument :
 BNA_F
 ClientSampleId :
 PB159421BS

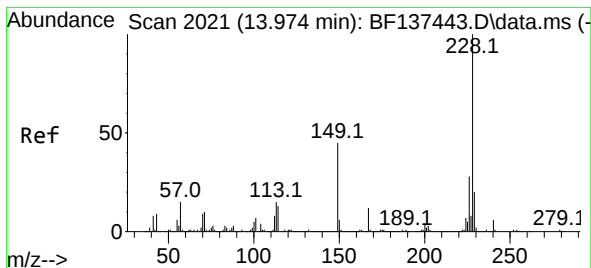
Tgt Ion:252 Resp: 267633
 Ion Ratio Lower Upper
 252 100
 254 66.4 51.4 77.2
 126 12.4 10.4 15.6



#83
 Chrysene
 Concen: 42.922 ng
 RT: 14.080 min Scan# 2039
 Delta R.T. 0.006 min
 Lab File: BF137497.D
 Acq: 05 Mar 2024 13:23

Tgt Ion:228 Resp: 1439092
 Ion Ratio Lower Upper
 228 100
 226 31.9 24.7 37.1
 229 19.8 15.9 23.9

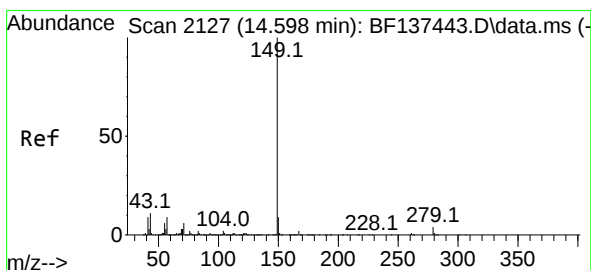
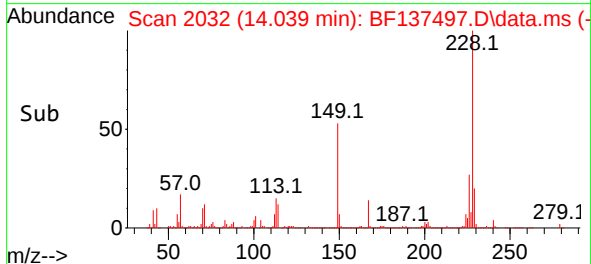
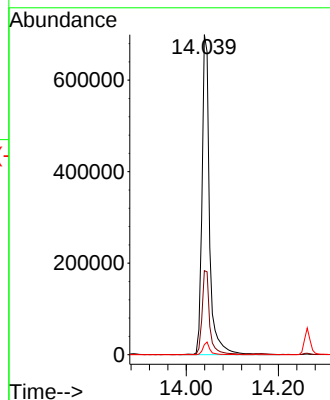
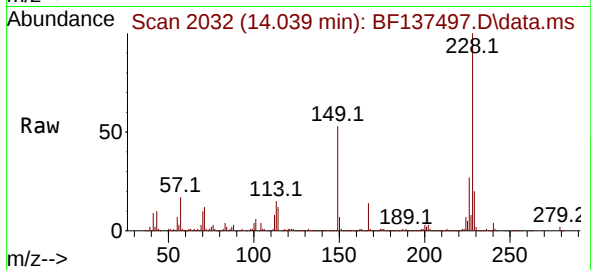




#84
Bis(2-ethylhexyl)phthalate
Concen: 52.332 ng
RT: 14.039 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF137497.D
Acq: 05 Mar 2024 13:23

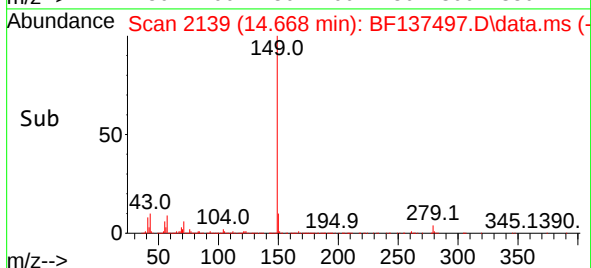
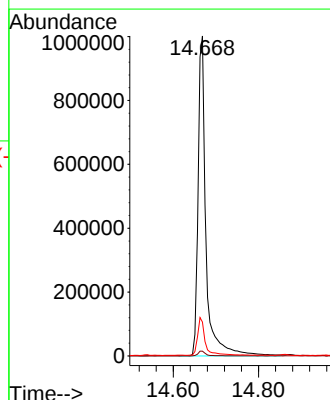
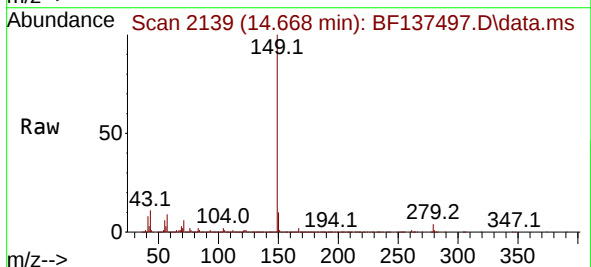
Instrument :
BNA_F
ClientSampleId :
PB159421BS

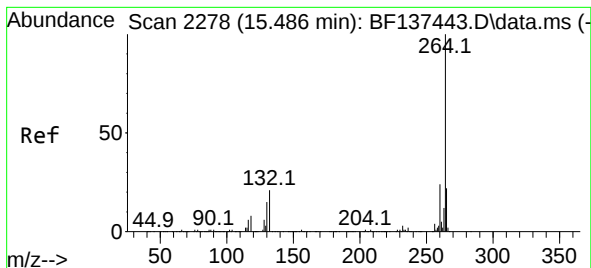
Tgt Ion:149 Resp: 788900
Ion Ratio Lower Upper
149 100
167 26.3 21.3 31.9
279 3.2 2.6 4.0



#85
Di-n-octyl phthalate
Concen: 44.823 ng
RT: 14.668 min Scan# 2139
Delta R.T. 0.006 min
Lab File: BF137497.D
Acq: 05 Mar 2024 13:23

Tgt Ion:149 Resp: 1290073
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.3 9.6 14.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF137497.D

Acq: 05 Mar 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB159421BS

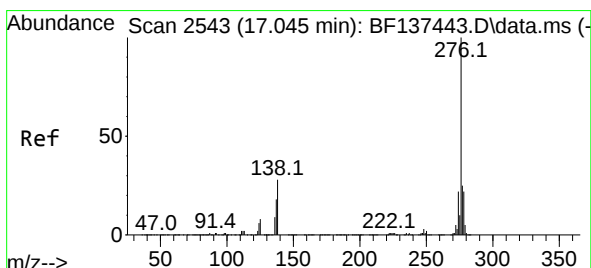
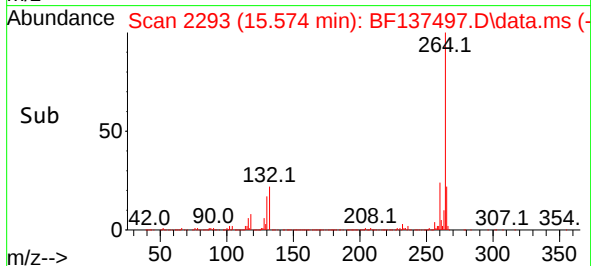
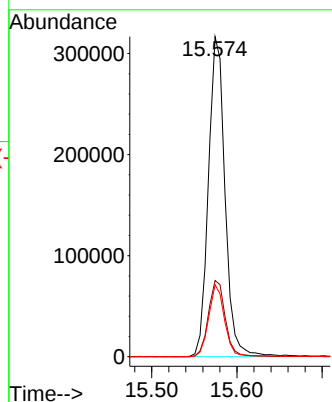
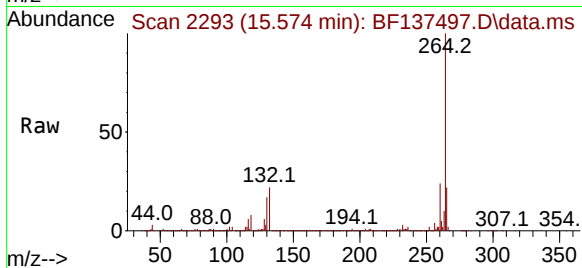
Tgt Ion:264 Resp: 429218

Ion Ratio Lower Upper

264 100

260 23.8 19.3 28.9

265 22.5 17.4 26.0



#87

Indeno(1,2,3-cd)pyrene

Concen: 48.517 ng

RT: 17.162 min Scan# 2563

Delta R.T. 0.006 min

Lab File: BF137497.D

Acq: 05 Mar 2024 13:23

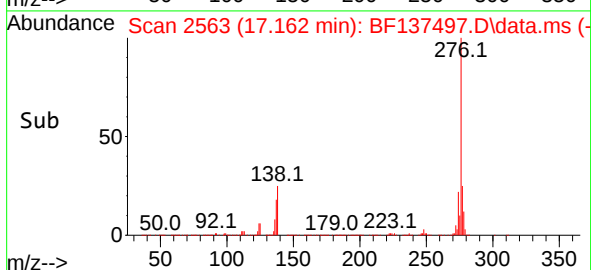
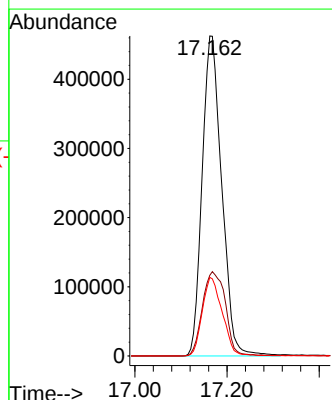
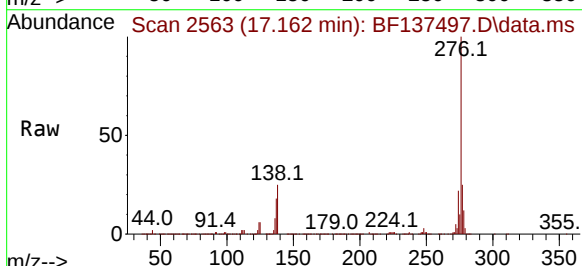
Tgt Ion:276 Resp: 1370395

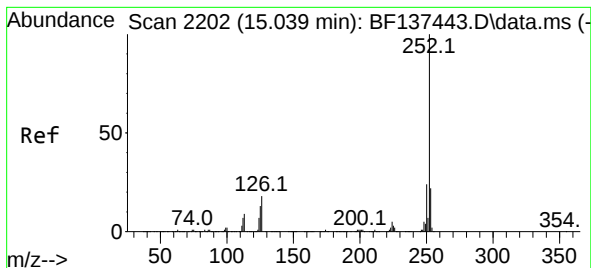
Ion Ratio Lower Upper

276 100

138 30.7 25.8 38.8

277 25.0 20.2 30.2





#88

Benzo(b)fluoranthene

Concen: 47.183 ng

RT: 15.121 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF137497.D

Acq: 05 Mar 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB159421BS

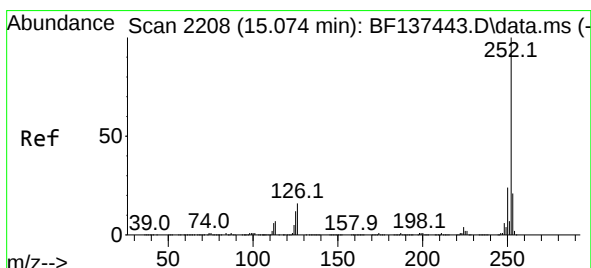
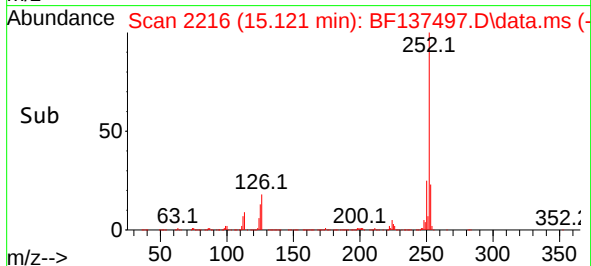
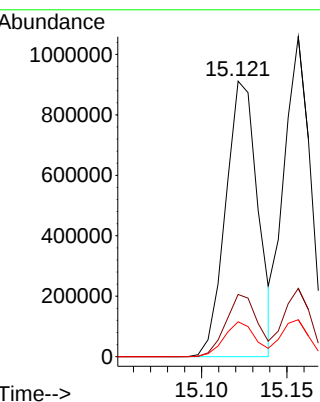
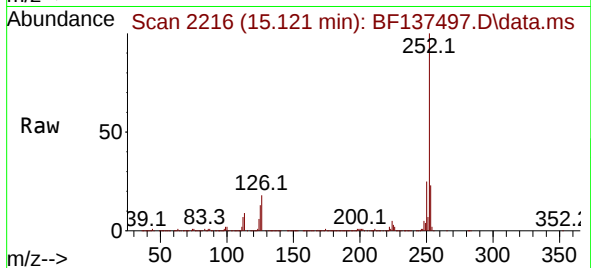
Tgt Ion:252 Resp: 1197983

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

125 12.7 10.1 15.1



#89

Benzo(k)fluoranthene

Concen: 42.833 ng

RT: 15.157 min Scan# 2222

Delta R.T. 0.006 min

Lab File: BF137497.D

Acq: 05 Mar 2024 13:23

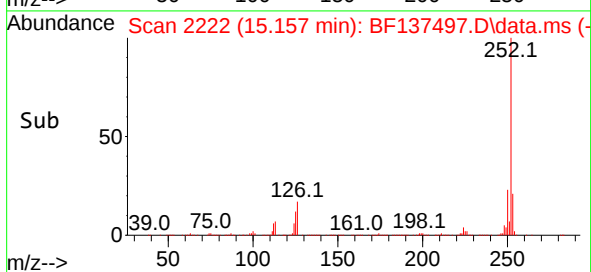
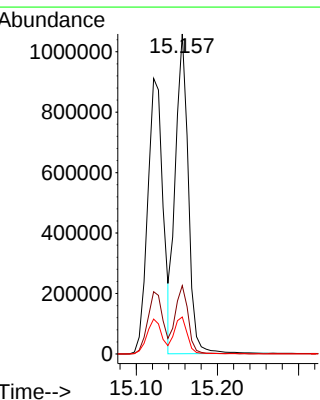
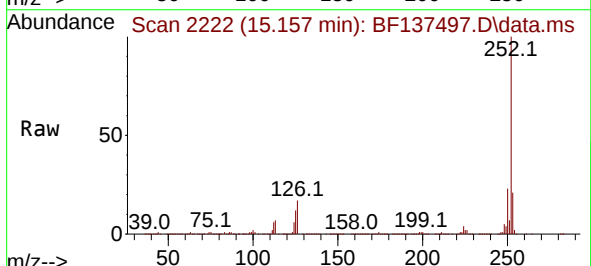
Tgt Ion:252 Resp: 1168108

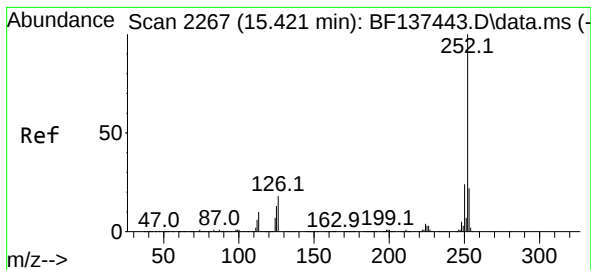
Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

125 11.6 9.6 14.4





#90

Benzo(a)pyrene

Concen: 42.699 ng

RT: 15.510 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF137497.D

Acq: 05 Mar 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB159421BS

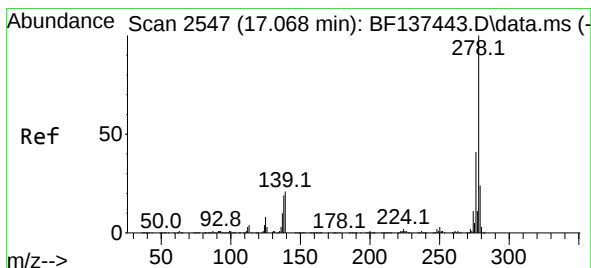
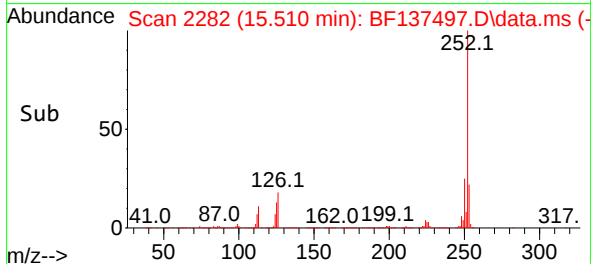
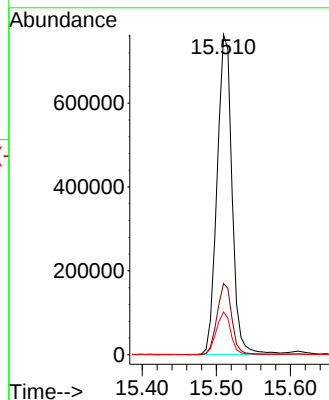
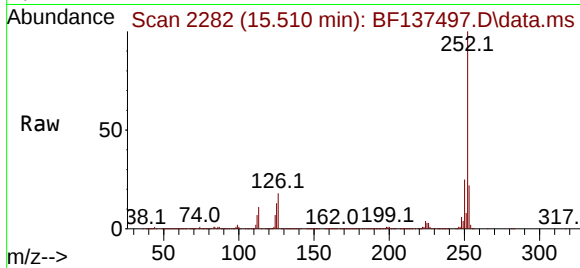
Tgt Ion:252 Resp: 1068348

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 13.4 10.4 15.6



#91

Dibenzo(a,h)anthracene

Concen: 48.710 ng

RT: 17.192 min Scan# 2568

Delta R.T. 0.012 min

Lab File: BF137497.D

Acq: 05 Mar 2024 13:23

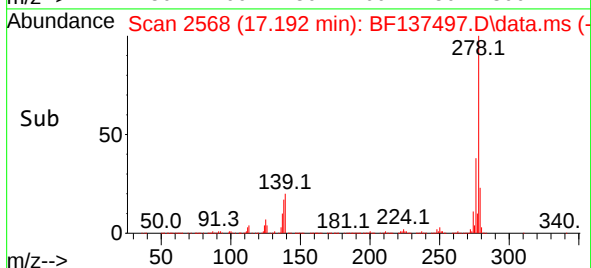
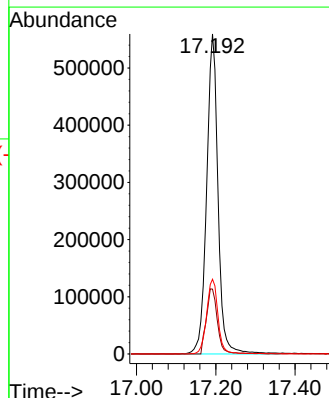
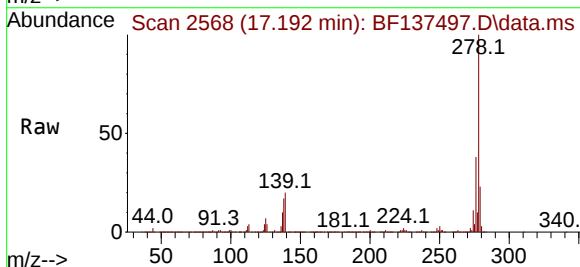
Tgt Ion:278 Resp: 1116085

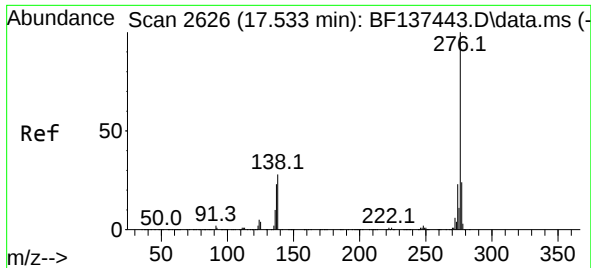
Ion Ratio Lower Upper

278 100

139 20.3 17.0 25.6

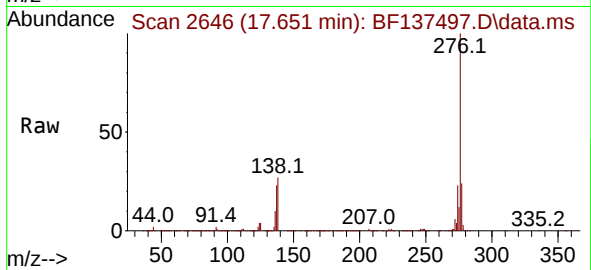
279 23.4 18.8 28.2





#92
 Benzo(g,h,i)perylene
 Concen: 48.099 ng
 RT: 17.651 min Scan# 20
 Delta R.T. 0.012 min
 Lab File: BF137497.D
 Acq: 05 Mar 2024 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB159421BS



Tgt Ion:276 Resp: 1131827

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	26.5	22.2	33.2

