

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020624\
 Data File : BF137292.D
 Acq On : 06 Feb 2024 15:20
 Operator : CG\JU
 Sample : PB158836BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158836BS

Quant Time: Feb 06 16:01:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	75624	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	299856	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	187949	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	385935	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	271845	20.000	ng	0.00
86) Perylene-d12	15.463	264	218237	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	611209	133.363	ng	0.02
7) Phenol-d6	6.434	99	820591	125.464	ng	0.00
23) Nitrobenzene-d5	7.357	82	567858	84.787	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	298122	140.451	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1036074	75.779	ng	0.00
79) Terphenyl-d14	12.922	244	1466910	73.357	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.652	88	66712	27.204	ng	92
3) Pyridine	3.399	79	169206	34.961	ng	97
4) n-Nitrosodimethylamine	3.369	42	112723	45.471	ng	91
6) Aniline	6.457	93	291736	41.668	ng	92
8) 2-Chlorophenol	6.575	128	228433	44.577	ng	99
9) Benzaldehyde	6.345	77	67255	27.001	ng	94
10) Phenol	6.445	94	305845	41.893	ng	87
11) bis(2-Chloroethyl)ether	6.534	93	216081	44.289	ng	99
12) 1,3-Dichlorobenzene	6.734	146	240550	40.037	ng	97
13) 1,4-Dichlorobenzene	6.810	146	240536	38.711	ng	98
14) 1,2-Dichlorobenzene	6.957	146	236883	40.774	ng	98
15) Benzyl Alcohol	6.940	79	228533	49.182	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	354893	40.380	ng	99
17) 2-Methylphenol	7.045	107	190471	44.491	ng	98
18) Hexachloroethane	7.298	117	91328	40.753	ng	96
19) n-Nitroso-di-n-propyla...	7.210	70	192475	42.920	ng	96
20) 3+4-Methylphenols	7.204	107	247074	45.589	ng	92
22) Acetophenone	7.204	105	347677	43.069	ng	95
24) Nitrobenzene	7.375	77	283224	43.570	ng	99
25) Isophorone	7.616	82	521690	42.200	ng	98
26) 2-Nitrophenol	7.687	139	112450	44.852	ng	# 86
27) 2,4-Dimethylphenol	7.728	122	161611	45.737	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	279928	42.641	ng	99
29) 2,4-Dichlorophenol	7.928	162	200208	45.674	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	223379	41.026	ng	98
31) Naphthalene	8.092	128	662444	40.865	ng	99
32) Benzoic acid	7.869	122	139588	54.505	ng	96
33) 4-Chloroaniline	8.145	127	182470	32.724	ng	95
34) Hexachlorobutadiene	8.210	225	151310	41.794	ng	94
35) Caprolactam	8.528	113	28088	20.607	ng	96
36) 4-Chloro-3-methylphenol	8.628	107	243554	47.042	ng	99
37) 2-Methylnaphthalene	8.781	142	456180	41.975	ng	100
38) 1-Methylnaphthalene	8.881	142	429170	42.517	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	246069	39.127	ng	99
41) Hexachlorocyclopentadiene	8.934	237	307965	102.815	ng	97
43) 2,4,6-Trichlorophenol	9.063	196	160260	44.928	ng	99

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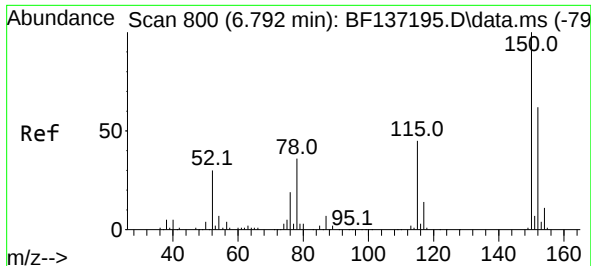
Quant Time: Feb 06 16:01:36 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	170974	43.850	ng	98
46) 1,1'-Biphenyl	9.251	154	594173	39.734	ng	99
47) 2-Chloronaphthalene	9.275	162	438042	39.582	ng	99
48) 2-Nitroaniline	9.375	65	177429	49.535	ng	95
49) Acenaphthylene	9.692	152	723457	40.835	ng	99
50) Dimethylphthalate	9.563	163	557021	43.869	ng	99
51) 2,6-Dinitrotoluene	9.616	165	127916	47.244	ng	93
52) Acenaphthene	9.863	154	434193	41.699	ng	98
53) 3-Nitroaniline	9.792	138	100075	41.072	ng	96
54) 2,4-Dinitrophenol	9.898	184	145586	114.895	ng	91
55) Dibenzofuran	10.039	168	684131	41.297	ng	99
56) 4-Nitrophenol	9.963	139	196094	124.719	ng	93
57) 2,4-Dinitrotoluene	10.028	165	177716	50.586	ng	97
58) Fluorene	10.381	166	554430	42.691	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.110	232	169586	46.745	ng	95
60) Diethylphthalate	10.263	149	560508	44.833	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	268171	41.543	ng	98
62) 4-Nitroaniline	10.416	138	111762	47.920	ng	96
63) Azobenzene	10.533	77	596358	43.070	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	103228	50.211	ng	99
66) n-Nitrosodiphenylamine	10.498	169	483247	41.181	ng	97
67) 4-Bromophenyl-phenylether	10.869	248	178753	42.123	ng	98
68) Hexachlorobenzene	10.928	284	194447	41.022	ng	96
69) Atrazine	11.033	200	175570	45.322	ng	98
70) Pentachlorophenol	11.128	266	269567	99.207	ng	98
71) Phenanthrene	11.351	178	843910	41.769	ng	99
72) Anthracene	11.398	178	894804	42.491	ng	99
73) Carbazole	11.557	167	775081	44.040	ng	98
74) Di-n-butylphthalate	11.892	149	881810	46.351	ng	99
75) Fluoranthene	12.539	202	936786	44.310	ng	97
77) Benzidine	12.669	184	382280	78.532	ng	98
78) Pyrene	12.774	202	972122	37.211	ng	99
80) Butylbenzylphthalate	13.404	149	355022	53.124	ng	95
81) Benzo(a)anthracene	13.969	228	797435	41.420	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	236099	45.012	ng	99
83) Chrysene	14.010	228	794044	41.952	ng	98
84) Bis(2-ethylhexyl)phtha...	13.969	149	474831	61.071	ng	100
85) Di-n-octyl phthalate	14.592	149	768239	62.143	ng	100
87) Indeno(1,2,3-cd)pyrene	16.968	276	512167	33.404	ng	99
88) Benzo(b)fluoranthene	15.027	252	642361	47.861	ng	99
89) Benzo(k)fluoranthene	15.063	252	610797	43.019	ng	99
90) Benzo(a)pyrene	15.404	252	528346	41.831	ng	98
91) Dibenzo(a,h)anthracene	16.998	278	412810	33.602	ng	98
92) Benzo(g,h,i)perylene	17.427	276	391236	32.447	ng	100

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

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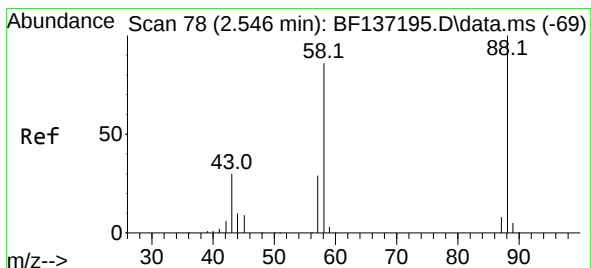
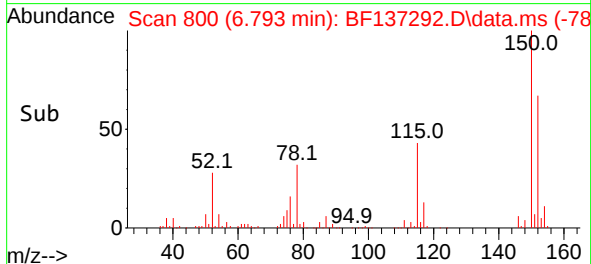
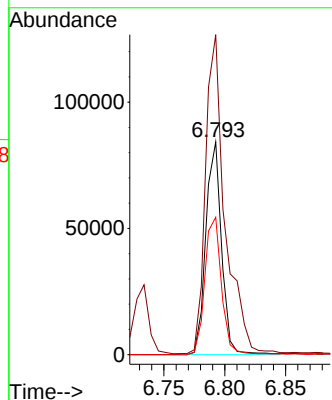
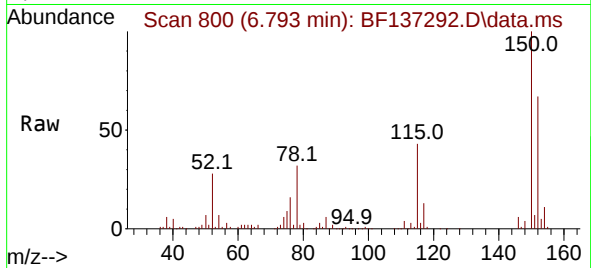




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 80
 Delta R.T. 0.001 min
 Lab File: BF137292.D
 Acq: 06 Feb 2024 15:20

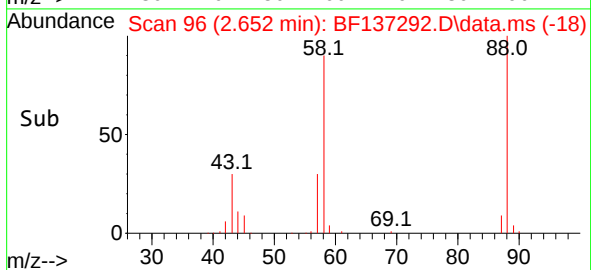
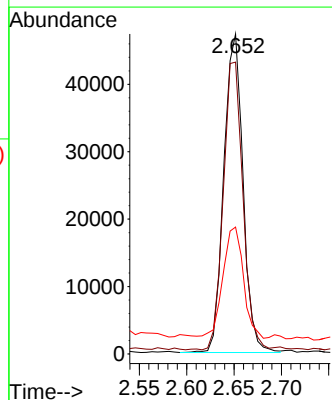
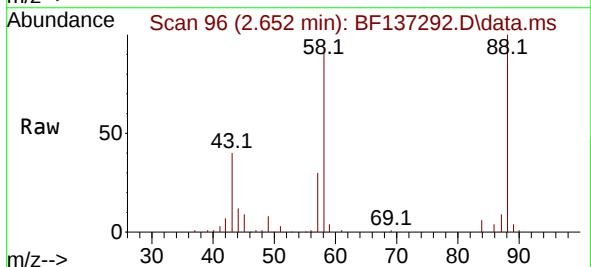
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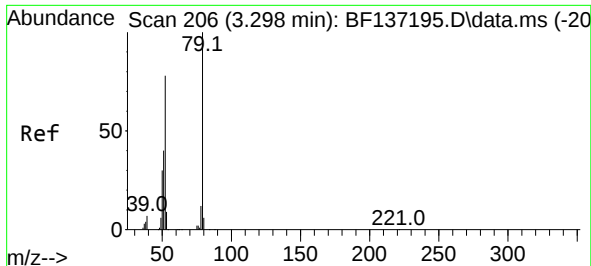
Tgt Ion:152 Resp: 75624
 Ion Ratio Lower Upper
 152 100
 150 150.4 129.8 194.8
 115 64.6 58.5 87.7



#2
 1,4-Dioxane
 Concen: 27.204 ng
 RT: 2.652 min Scan# 96
 Delta R.T. 0.106 min
 Lab File: BF137292.D
 Acq: 06 Feb 2024 15:20

Tgt Ion: 88 Resp: 66712
 Ion Ratio Lower Upper
 88 100
 58 92.9 67.8 101.8
 43 36.6 26.6 40.0

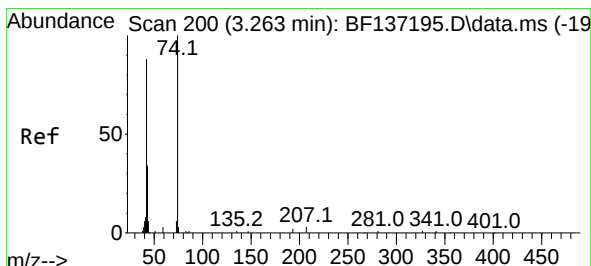
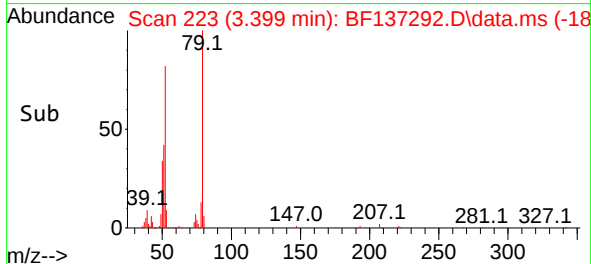
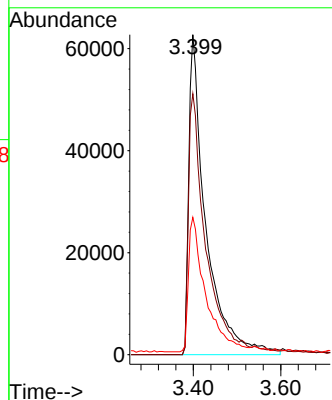
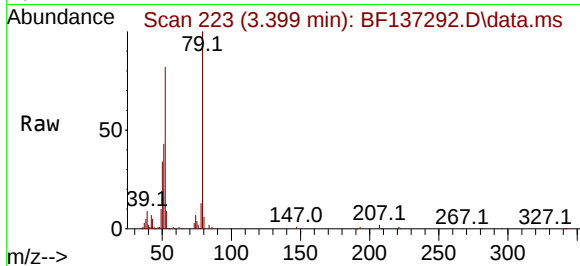




#3
Pyridine
Concen: 34.961 ng
RT: 3.399 min Scan# 218
Delta R.T. 0.101 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

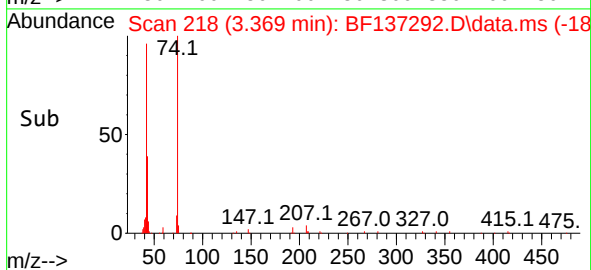
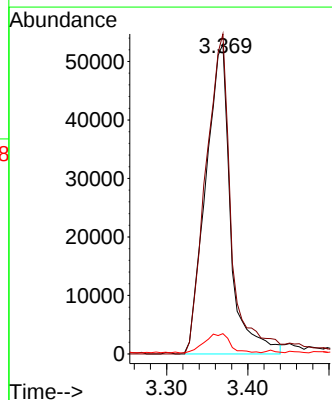
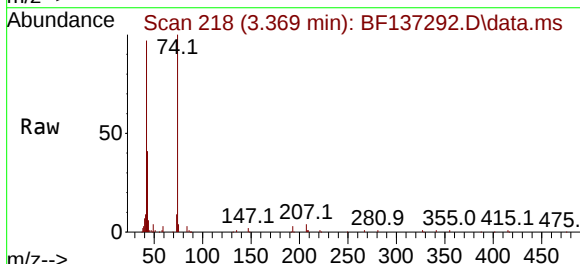
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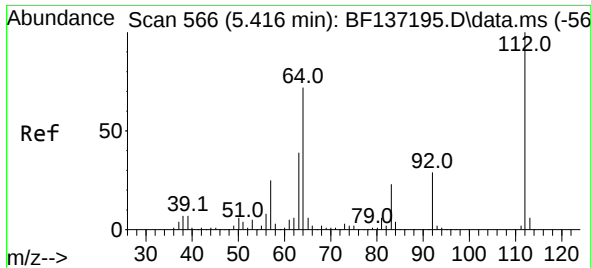
Tgt Ion: 79 Resp: 169206
Ion Ratio Lower Upper
79 100
52 81.6 62.6 94.0
51 42.9 33.0 49.4



#4
n-Nitrosodimethylamine
Concen: 45.471 ng
RT: 3.369 min Scan# 218
Delta R.T. 0.106 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

Tgt Ion: 42 Resp: 112723
Ion Ratio Lower Upper
42 100
74 103.3 90.5 135.7
44 6.6 6.1 9.1

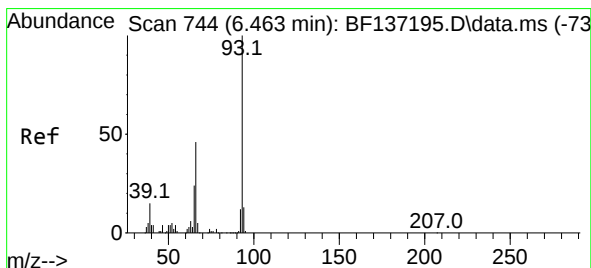
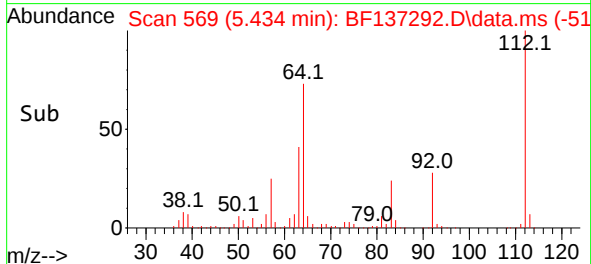
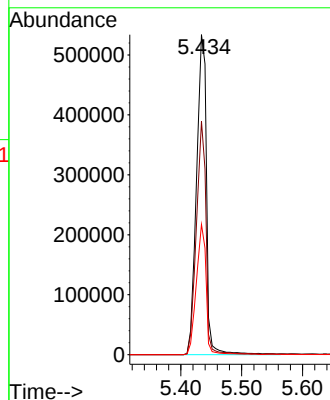
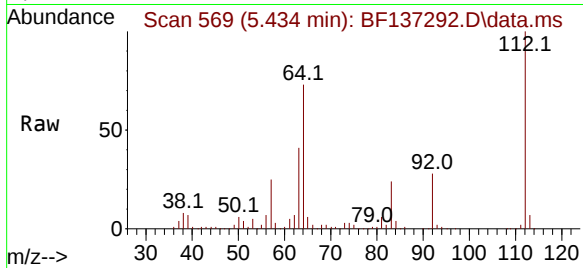




#5
2-Fluorophenol
Concen: 133.363 ng
RT: 5.434 min Scan# 509
Delta R.T. 0.018 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

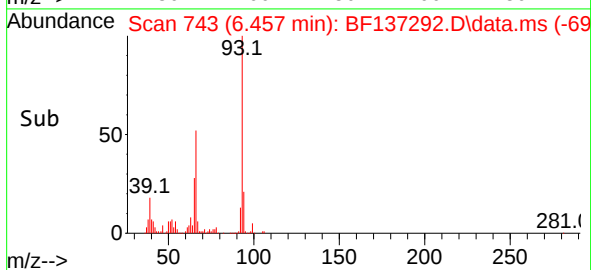
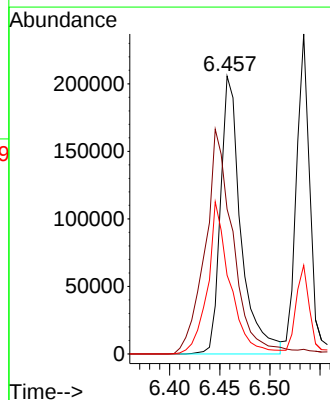
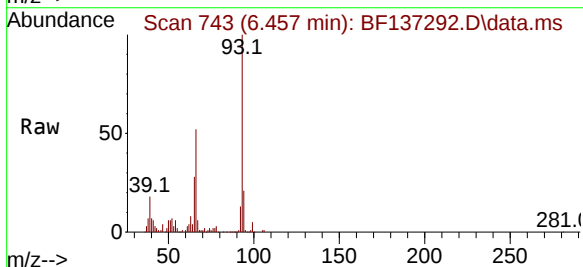
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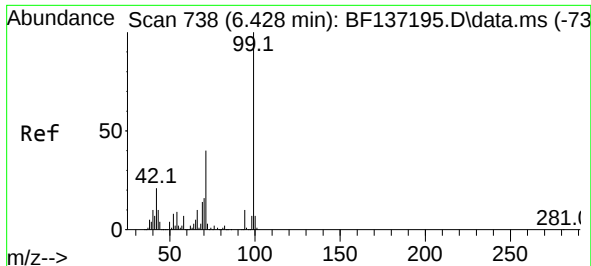
Tgt Ion:112 Resp: 611209
Ion Ratio Lower Upper
112 100
64 72.9 57.8 86.6
63 40.7 31.4 47.0



#6
Aniline
Concen: 41.668 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

Tgt Ion: 93 Resp: 291736
Ion Ratio Lower Upper
93 100
66 52.1 37.9 56.9
65 28.3 19.0 28.4





#7

Phenol-d6

Concen: 125.464 ng

RT: 6.434 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF137292.D

Acq: 06 Feb 2024 15:20

Instrument :

BNA_F

ClientSampleId :

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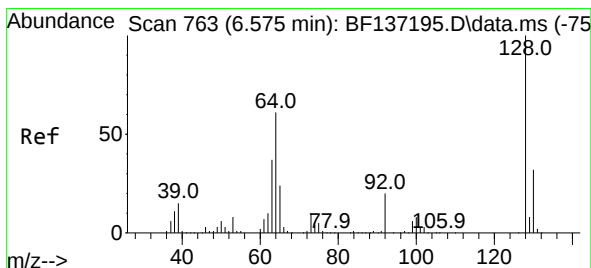
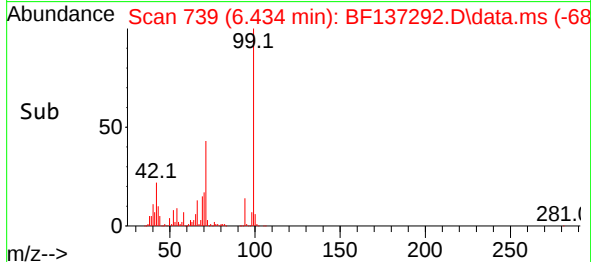
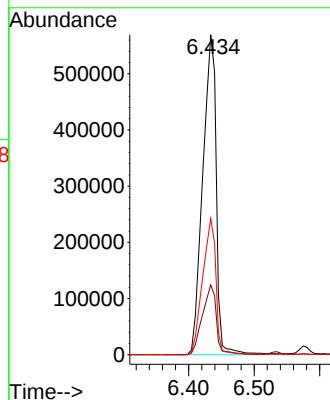
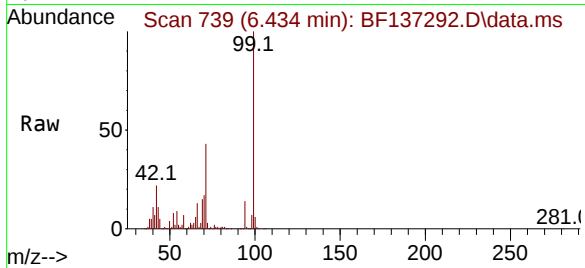
Tgt Ion: 99 Resp: 820591

Ion Ratio Lower Upper

99 100

42 21.8 16.4 24.6

71 42.6 32.4 48.6



#8

2-Chlorophenol

Concen: 44.577 ng

RT: 6.575 min Scan# 763

Delta R.T. 0.000 min

Lab File: BF137292.D

Acq: 06 Feb 2024 15:20

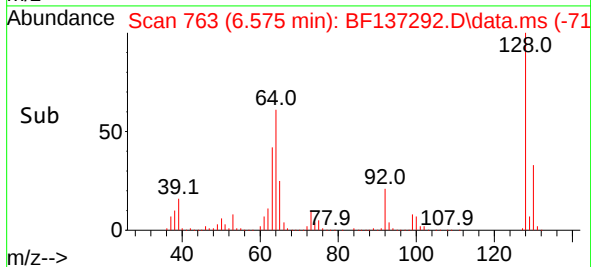
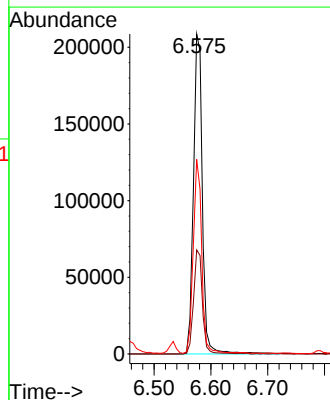
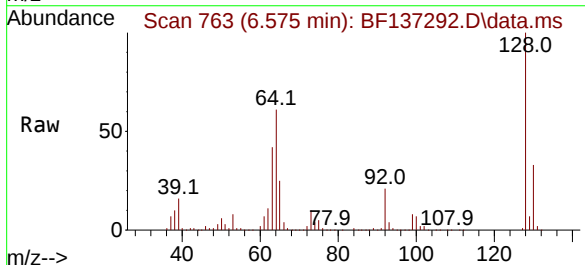
Tgt Ion: 128 Resp: 228433

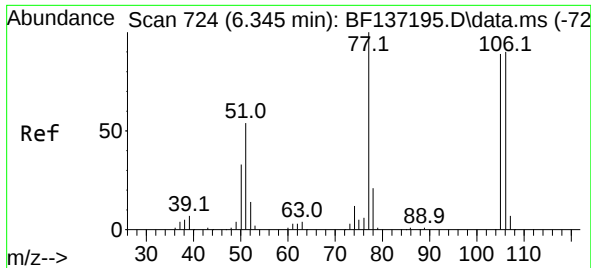
Ion Ratio Lower Upper

128 100

130 32.5 12.4 52.4

64 60.8 41.6 81.6

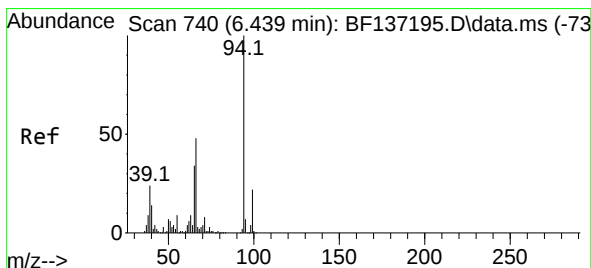
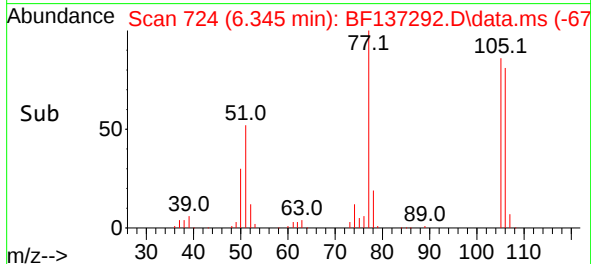
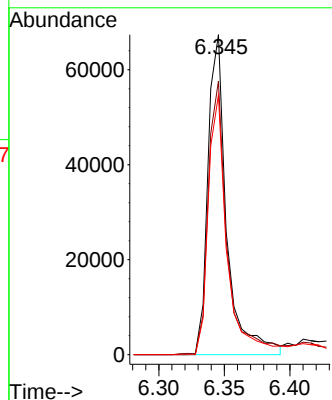
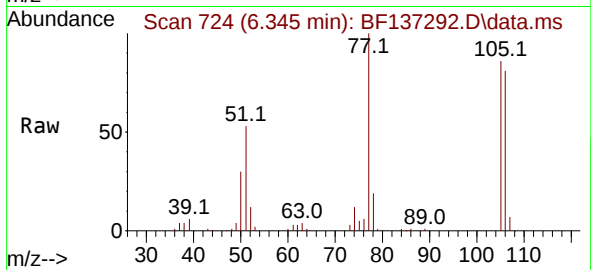




#9
Benzaldehyde
Concen: 27.001 ng
RT: 6.345 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

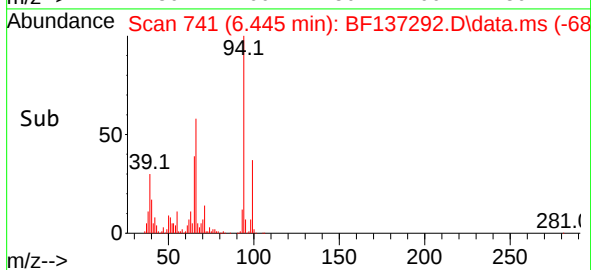
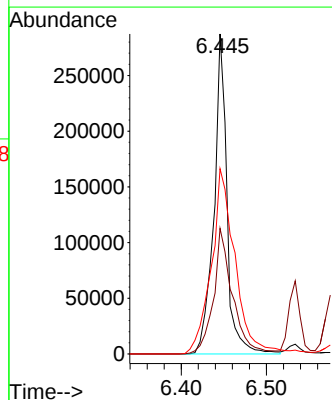
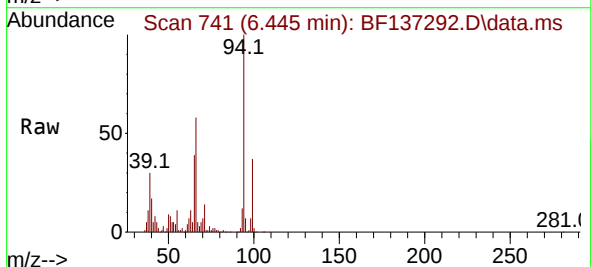
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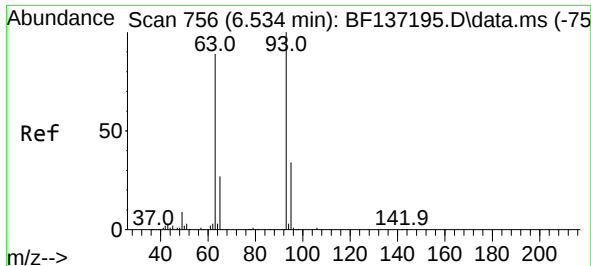
Tgt Ion: 77 Resp: 67255
Ion Ratio Lower Upper
77 100
105 85.5 69.1 109.1
106 81.1 69.6 109.6



#10
Phenol
Concen: 41.893 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

Tgt Ion: 94 Resp: 305845
Ion Ratio Lower Upper
94 100
65 39.2 13.7 53.7
66 57.9 27.8 67.8

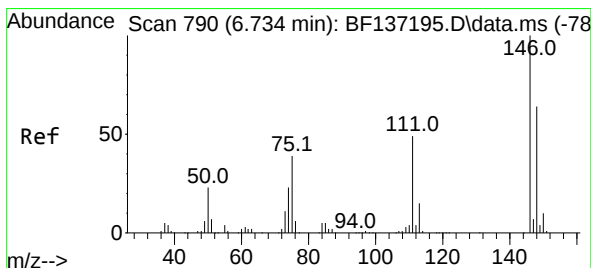
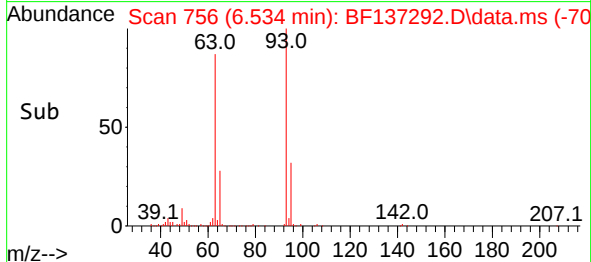
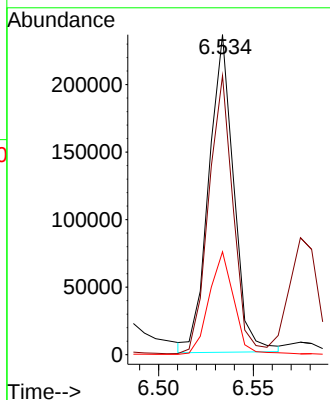
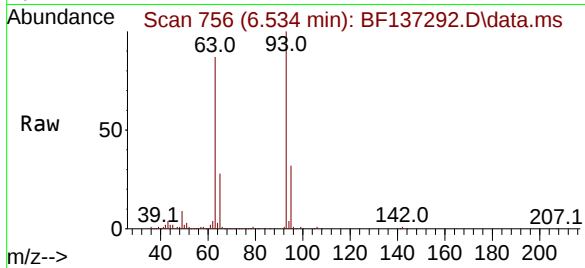




#11
bis(2-Chloroethyl)ether
Concen: 44.289 ng
RT: 6.534 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

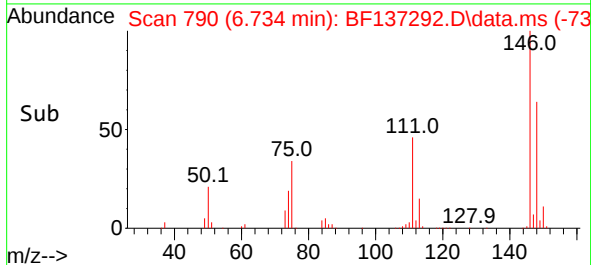
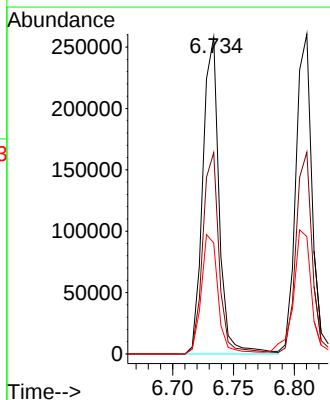
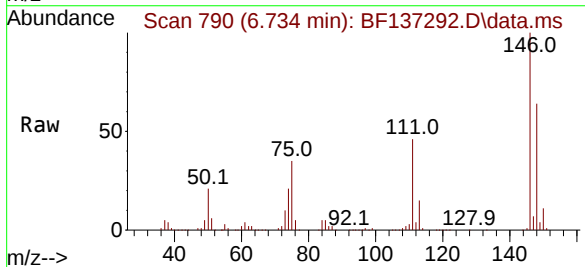
Instrument :
BNA_F
ClientSampleId :
PB158836BS

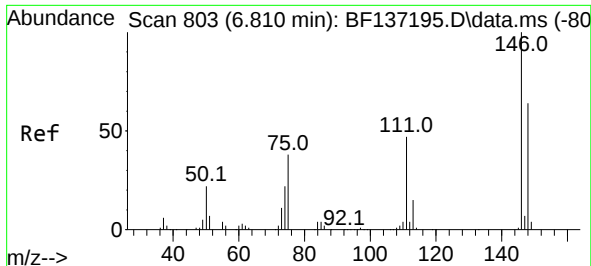
Tgt Ion: 93 Resp: 216081
Ion Ratio Lower Upper
93 100
63 87.2 66.7 106.7
95 32.1 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 40.037 ng
RT: 6.734 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

Tgt Ion: 146 Resp: 240550
Ion Ratio Lower Upper
146 100
148 63.5 51.4 77.0
75 35.0 31.3 46.9

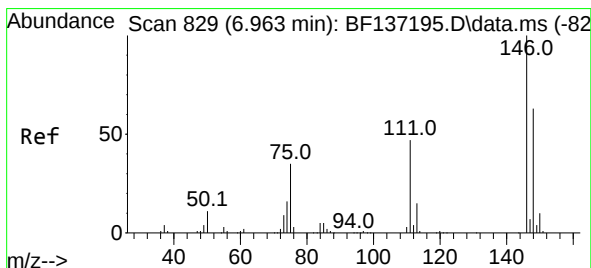
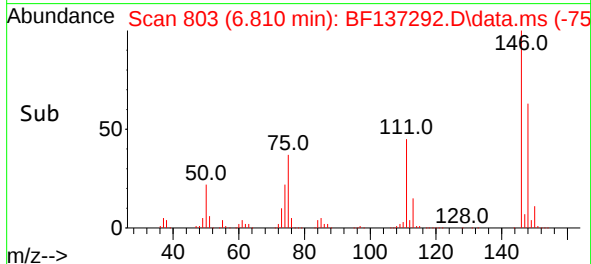
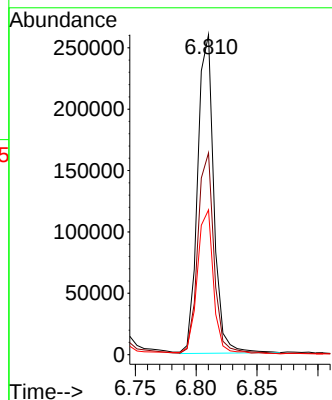
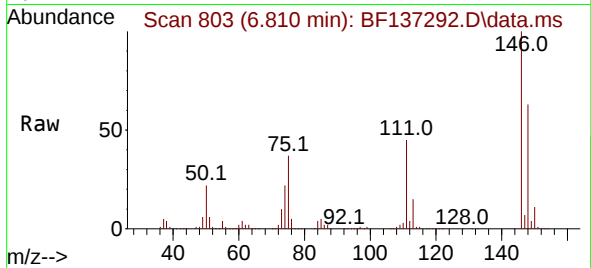




#13
1,4-Dichlorobenzene
Concen: 38.711 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

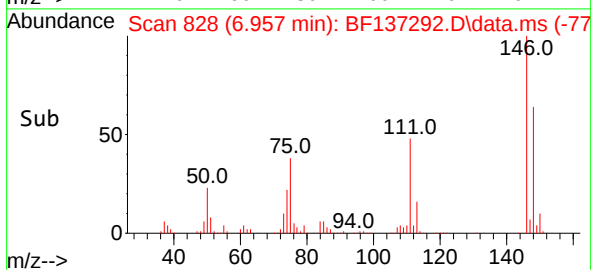
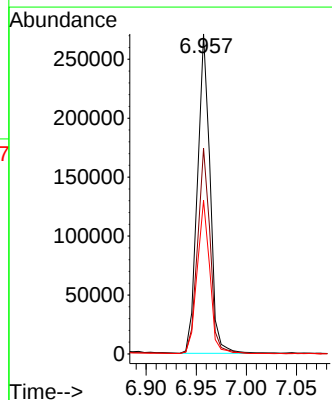
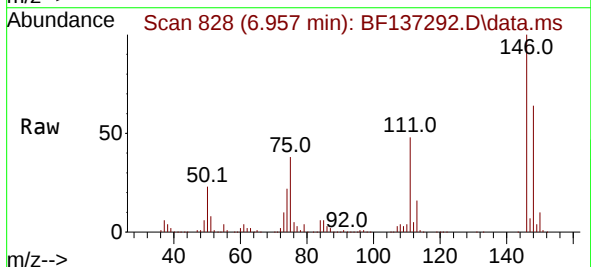
Instrument :
BNA_F
ClientSampleId :
PB158836BS

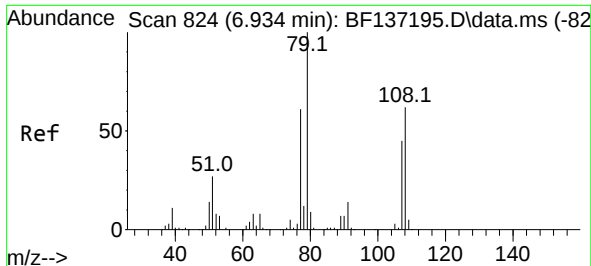
Tgt Ion:146 Resp: 240536
Ion Ratio Lower Upper
146 100
148 63.0 51.5 77.3
111 45.3 38.1 57.1



#14
1,2-Dichlorobenzene
Concen: 40.774 ng
RT: 6.957 min Scan# 828
Delta R.T. -0.006 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

Tgt Ion:146 Resp: 236883
Ion Ratio Lower Upper
146 100
148 64.3 50.6 75.8
111 48.0 37.3 55.9

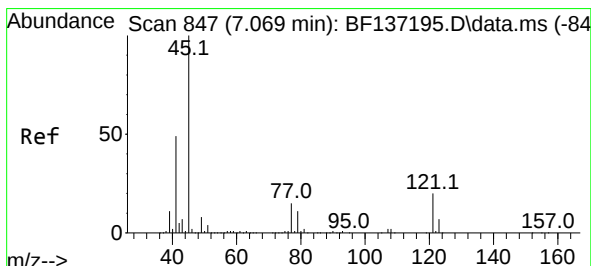
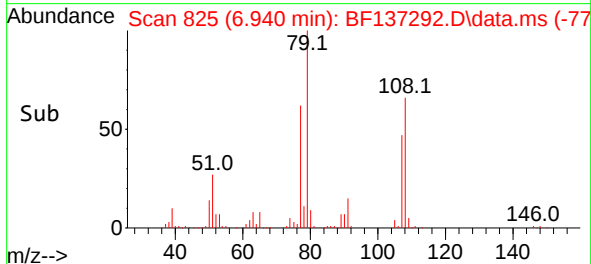
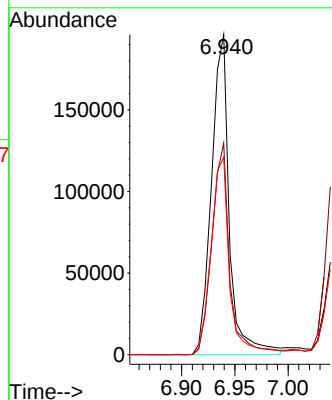
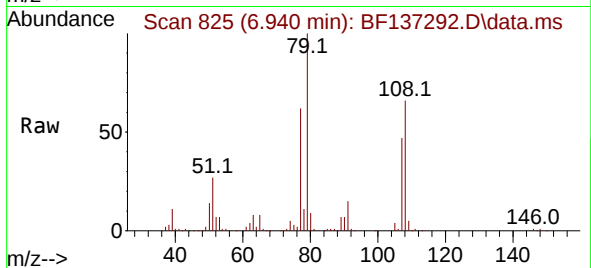




#15
Benzyl Alcohol
Concen: 49.182 ng
RT: 6.940 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

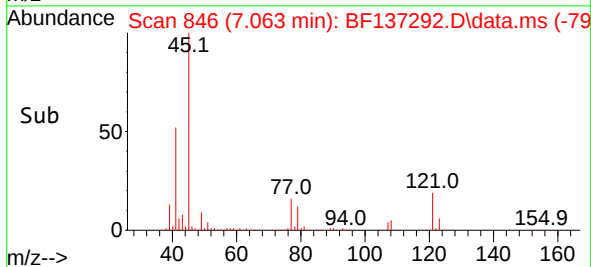
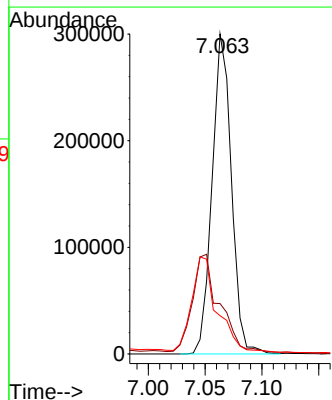
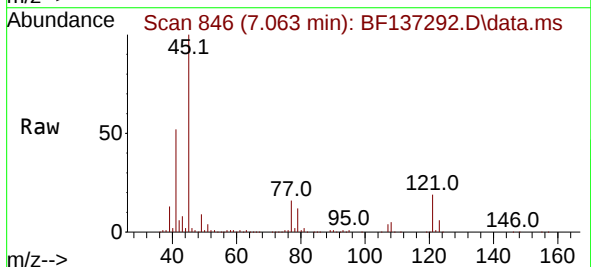
Instrument :
BNA_F
ClientSampleId :
PB158836BS

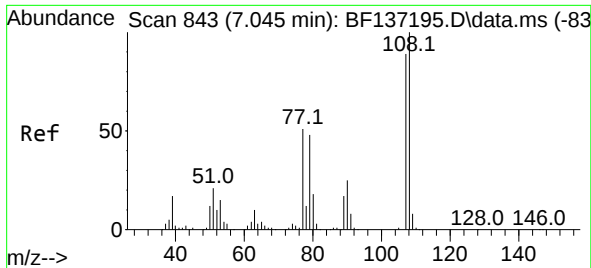
Tgt Ion: 79 Resp: 228533
Ion Ratio Lower Upper
79 100
108 66.1 49.3 73.9
77 61.6 48.8 73.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.380 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

Tgt Ion: 45 Resp: 354893
Ion Ratio Lower Upper
45 100
77 15.8 0.0 35.9
79 12.0 0.0 32.4

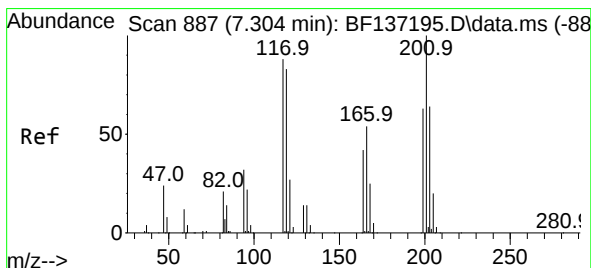
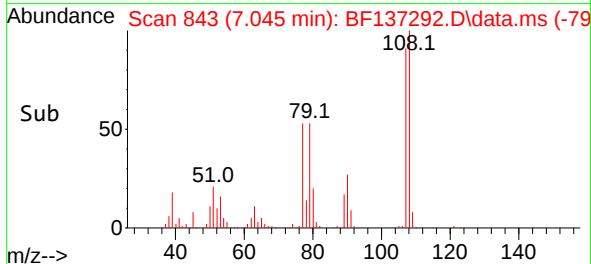
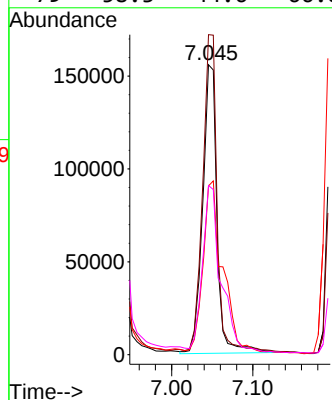
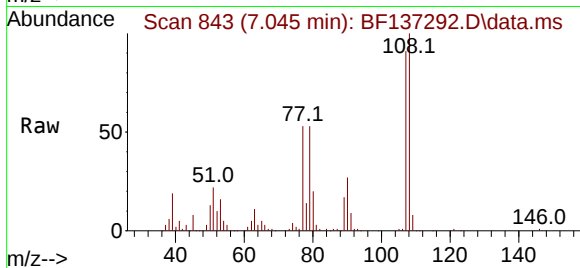




#17
2-Methylphenol
Concen: 44.491 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

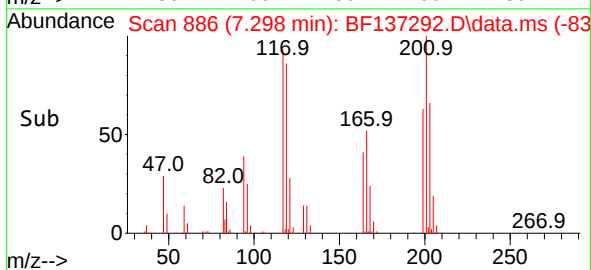
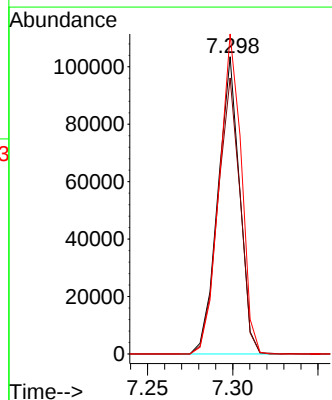
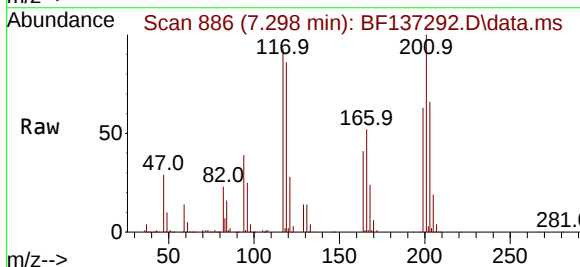
Instrument :
BNA_F
ClientSampleId :
PB158836BS

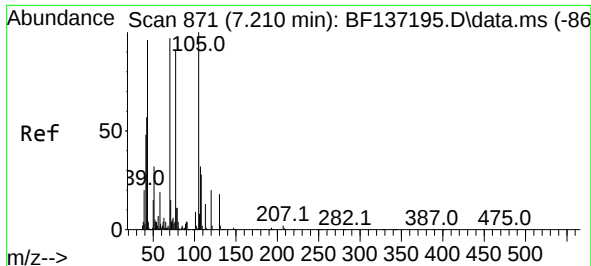
Tgt Ion:	107	Resp:	190471
Ion	Ratio	Lower	Upper
107	100		
108	110.4	89.9	134.9
77	58.2	46.6	69.8
79	58.3	44.6	66.8



#18
Hexachloroethane
Concen: 40.753 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

Tgt Ion:	117	Resp:	91328
Ion	Ratio	Lower	Upper
117	100		
119	92.8	76.2	114.4
201	107.6	91.4	137.0

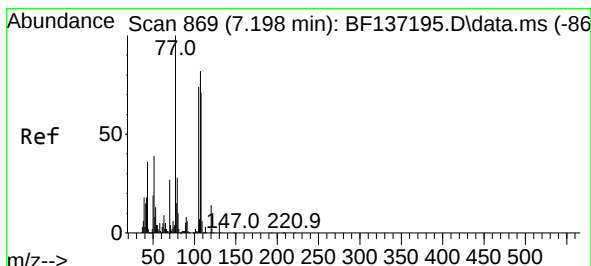
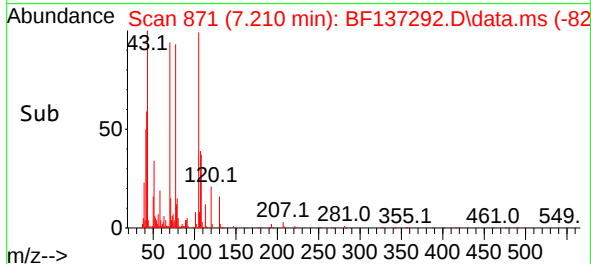
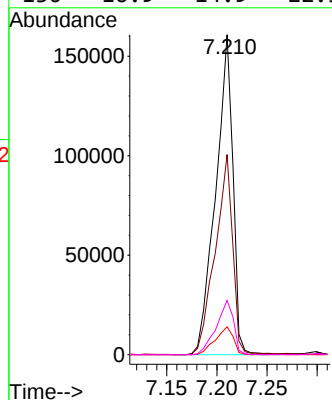
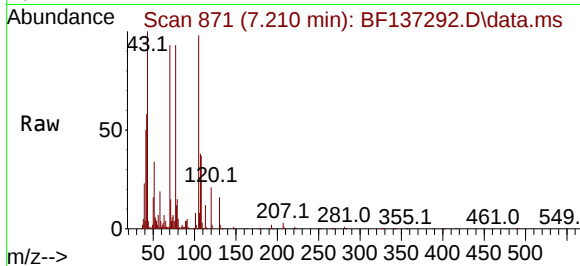




#19
n-Nitroso-di-n-propylamine
Concen: 42.920 ng
RT: 7.210 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

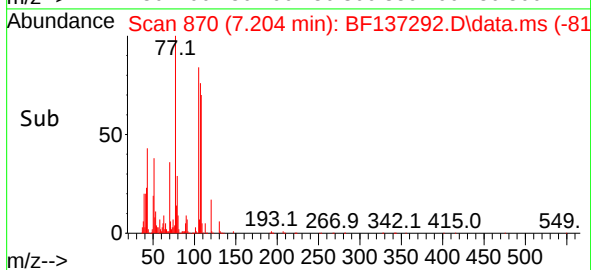
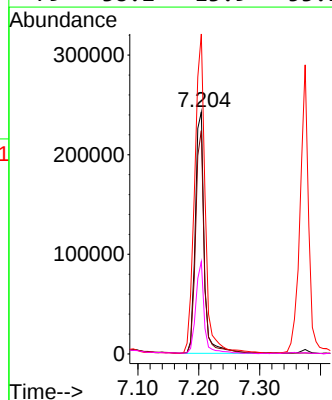
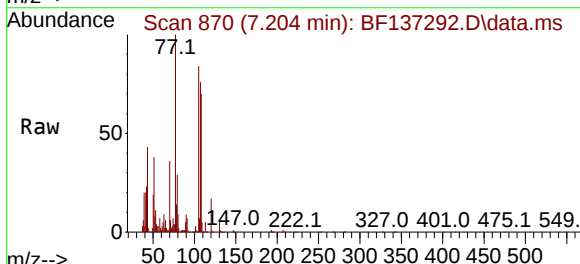
Instrument :
BNA_F
ClientSampleId :
PB158836BS

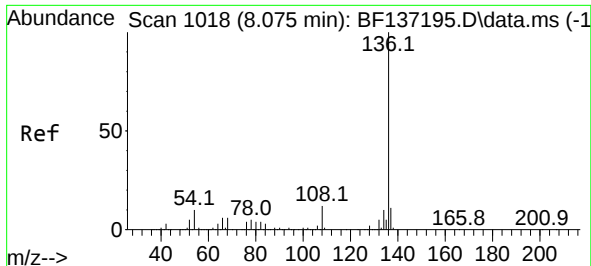
Tgt Ion:	70	Resp:	192475
Ion	Ratio	Lower	Upper
70	100		
42	62.6	47.2	70.8
101	8.7	7.4	11.0
130	16.9	14.9	22.3



#20
3+4-Methylphenols
Concen: 45.589 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.006 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

Tgt Ion:	107	Resp:	247074
Ion	Ratio	Lower	Upper
107	100		
108	92.3	66.3	106.3
77	132.3	101.4	141.4
79	38.2	13.9	53.9

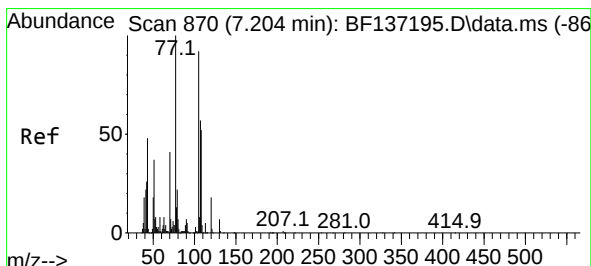
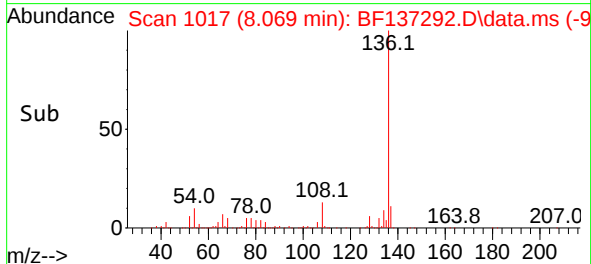
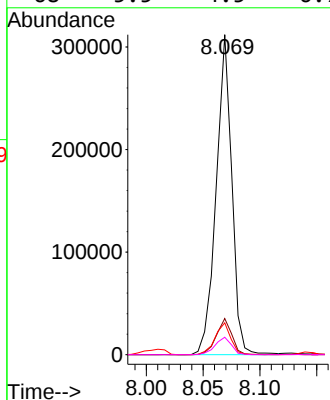
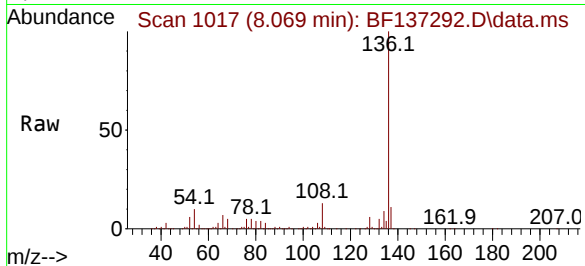




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

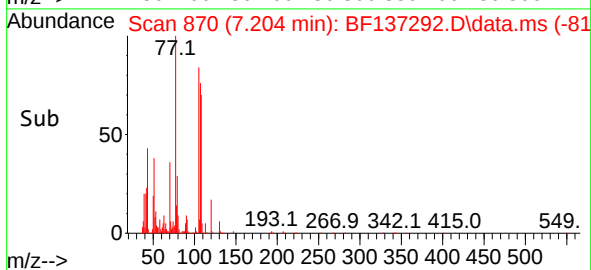
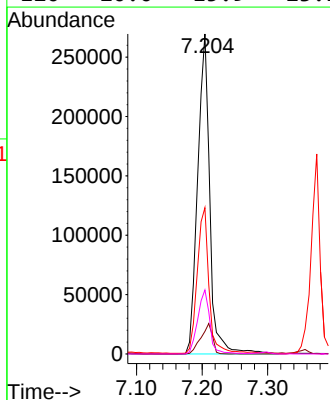
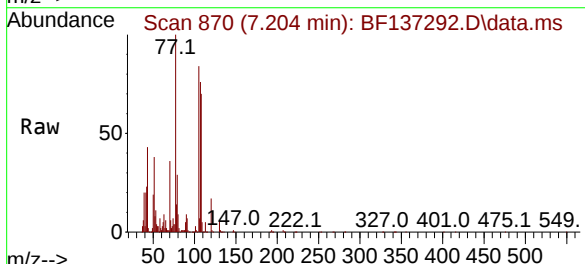
Instrument :
BNA_F
ClientSampleId :
PB158836BS

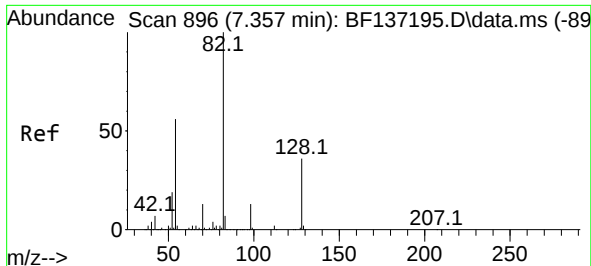
Tgt Ion:136	Resp: 299856
Ion Ratio	Lower Upper
136 100	
137 11.3	8.9 13.3
54 9.9	7.8 11.8
68 5.5	4.5 6.7



#22
Acetophenone
Concen: 43.069 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

Tgt	Ion:105	Resp:	347677
Ion	Ratio	Lower	Upper
105	100		
71	7.1	5.7	8.5
51	45.7	32.2	48.4
120	20.0	15.9	23.9

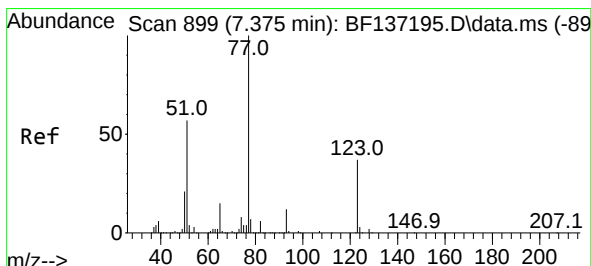
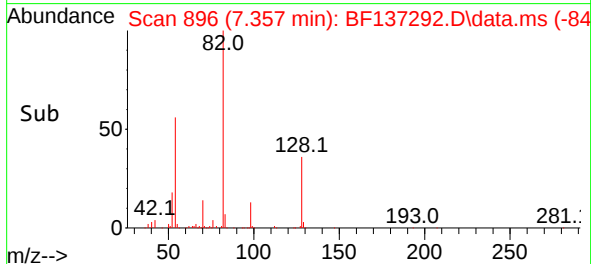
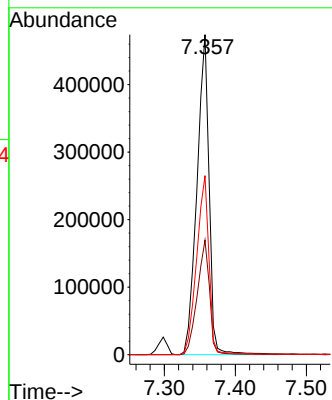
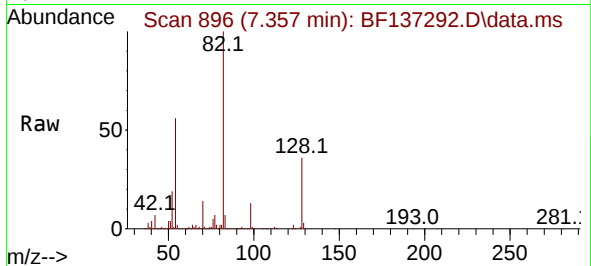




#23
Nitrobenzene-d5
Concen: 84.787 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

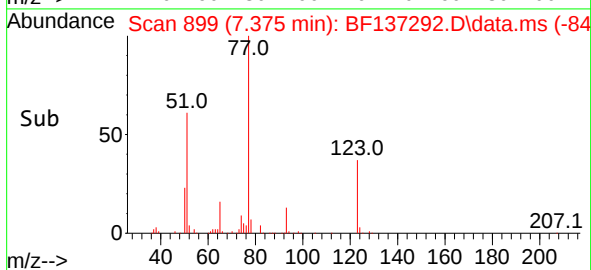
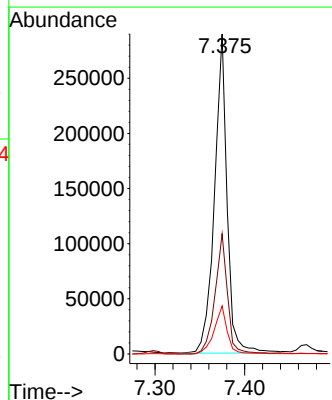
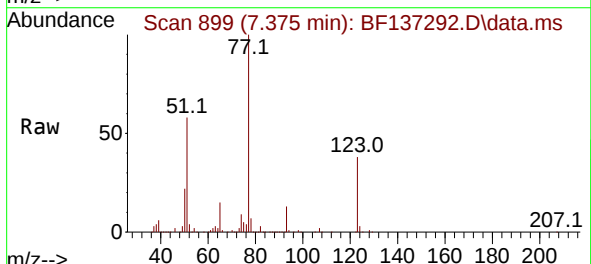
Instrument :
BNA_F
ClientSampleId :
PB158836BS

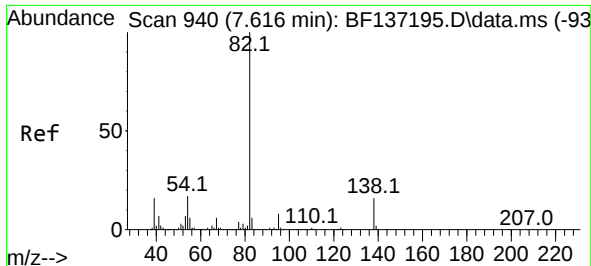
Tgt Ion: 82 Resp: 567858
Ion Ratio Lower Upper
82 100
128 35.8 29.1 43.7
54 56.0 45.0 67.6



#24
Nitrobenzene
Concen: 43.570 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

Tgt Ion: 77 Resp: 283224
Ion Ratio Lower Upper
77 100
123 37.6 29.3 43.9
65 15.0 12.0 18.0

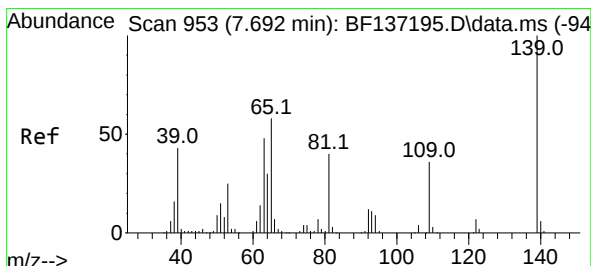
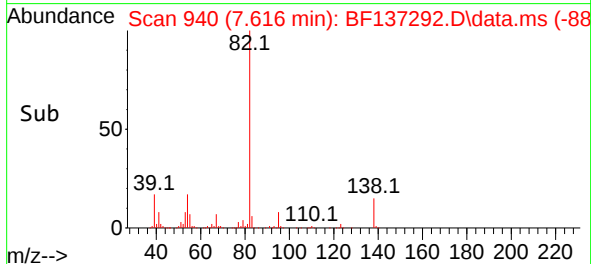
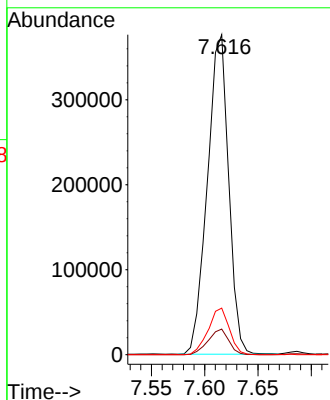
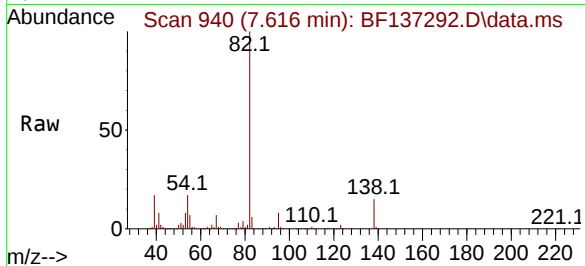




#25
Isophorone
Concen: 42.200 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.000 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

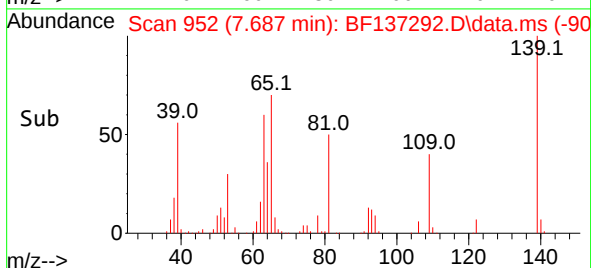
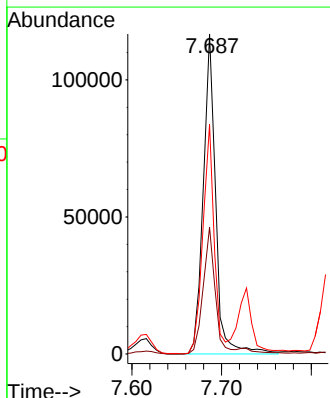
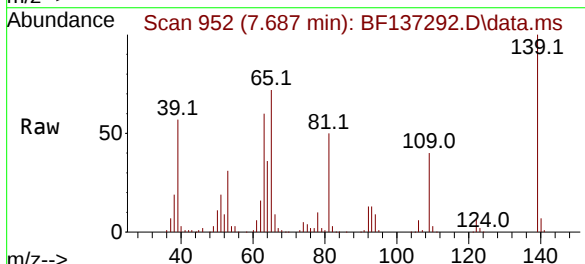
Instrument :
BNA_F
ClientSampleId :
PB158836BS

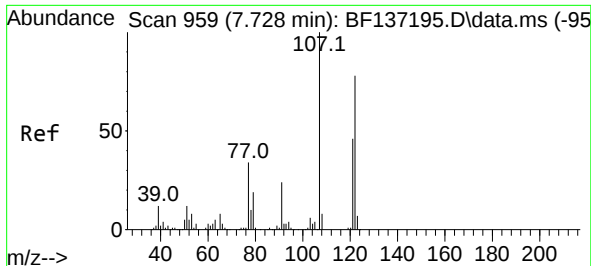
Tgt Ion: 82 Resp: 521690
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 14.6 12.7 19.1



#26
2-Nitrophenol
Concen: 44.852 ng
RT: 7.687 min Scan# 952
Delta R.T. -0.005 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

Tgt Ion:139 Resp: 112450
Ion Ratio Lower Upper
139 100
109 39.6 28.5 42.7
65 71.7 46.7 70.1#

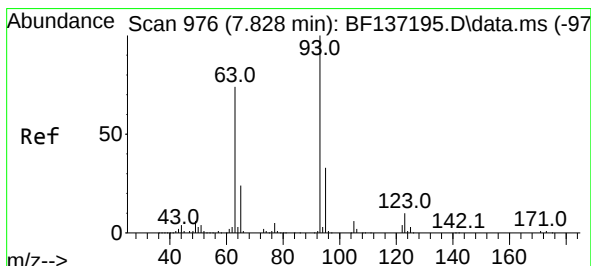
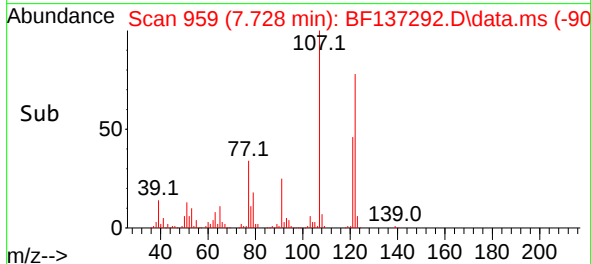
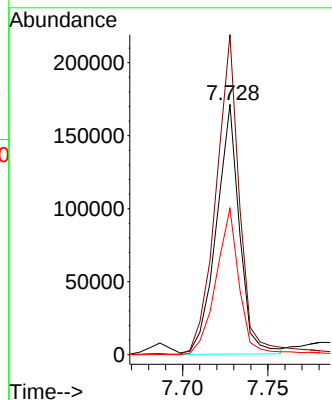
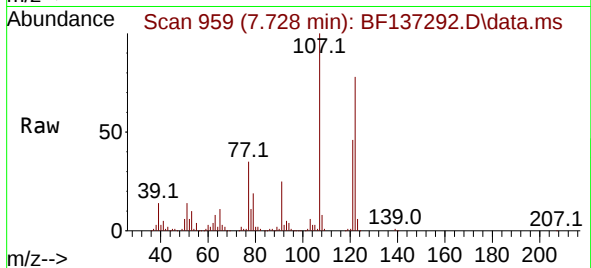




#27
2,4-Dimethylphenol
Concen: 45.737 ng
RT: 7.728 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

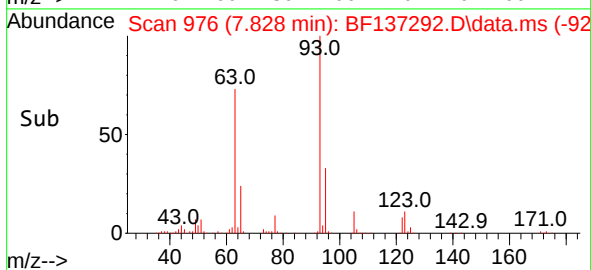
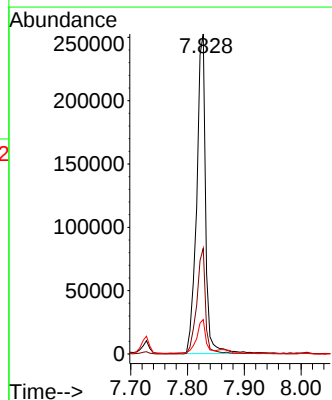
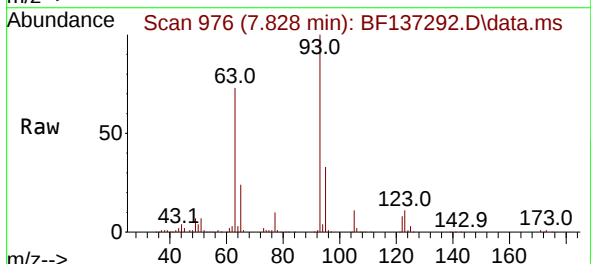
Instrument :
BNA_F
ClientSampleId :
PB158836BS

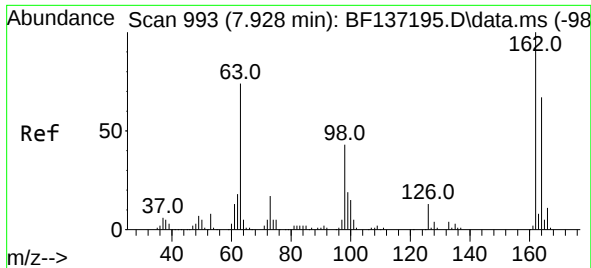
Tgt Ion:122 Resp: 161611
Ion Ratio Lower Upper
122 100
107 127.9 101.8 152.6
121 58.4 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 42.641 ng
RT: 7.828 min Scan# 976
Delta R.T. 0.000 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

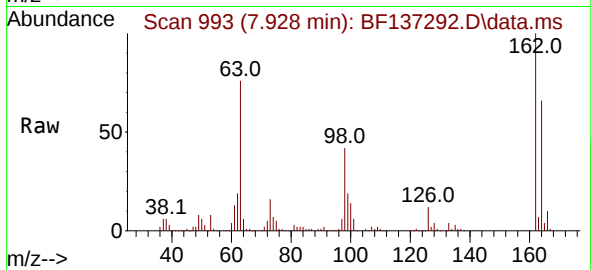
Tgt Ion: 93 Resp: 279928
Ion Ratio Lower Upper
93 100
95 33.0 26.1 39.1
123 10.7 7.8 11.8



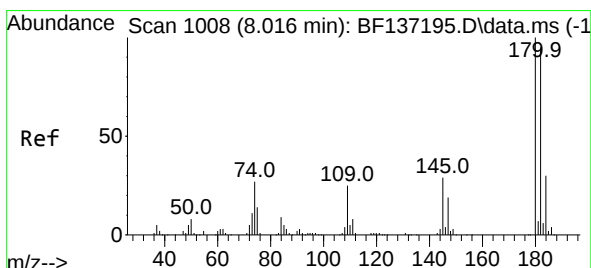
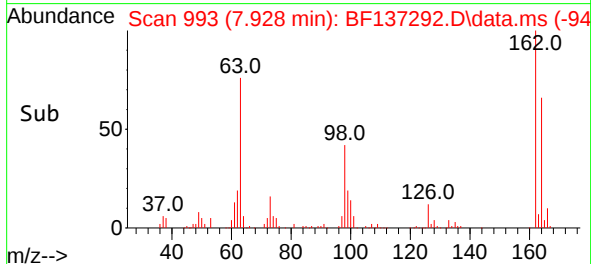
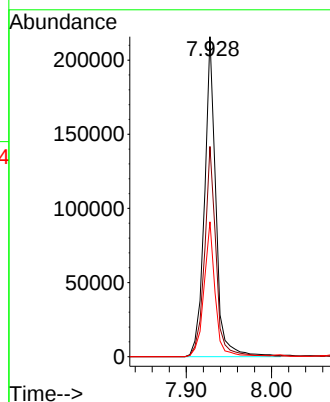


#29
2,4-Dichlorophenol
Concen: 45.674 ng
RT: 7.928 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

Instrument :
BNA_F
ClientSampleId :
PB158836BS

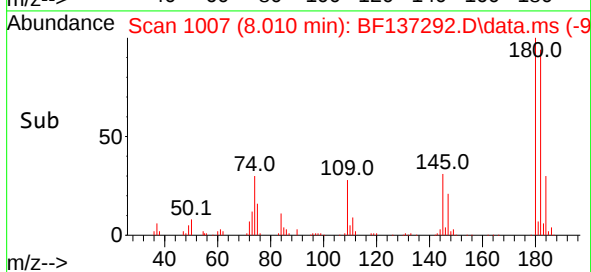
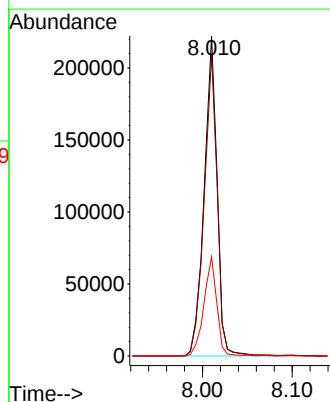
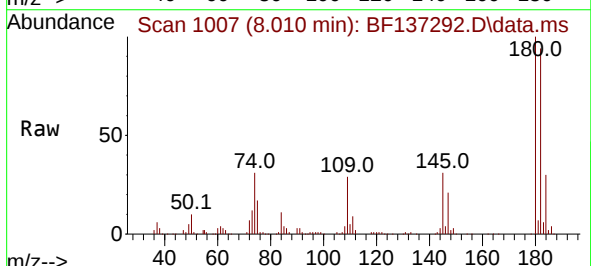


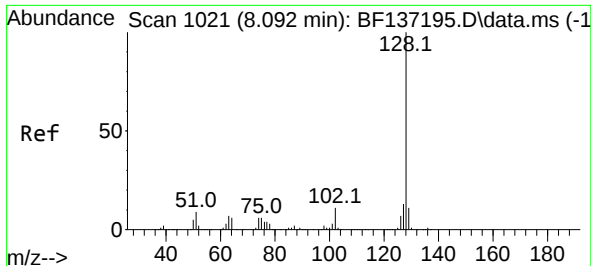
Tgt Ion:162 Resp: 200208
Ion Ratio Lower Upper
162 100
164 65.7 46.7 86.7
98 42.2 22.9 62.9



#30
1,2,4-Trichlorobenzene
Concen: 41.026 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

Tgt Ion:180 Resp: 223379
Ion Ratio Lower Upper
180 100
182 94.1 75.9 113.9
145 31.0 23.2 34.8

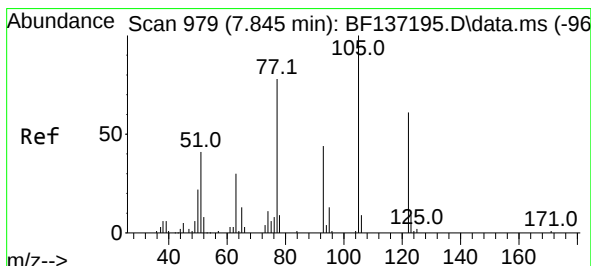
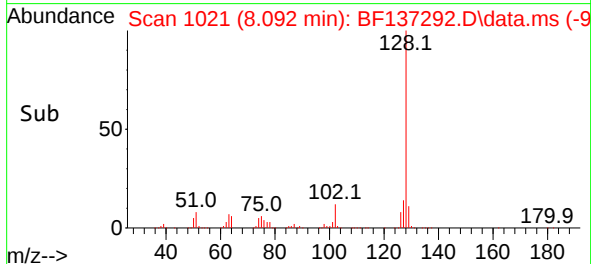
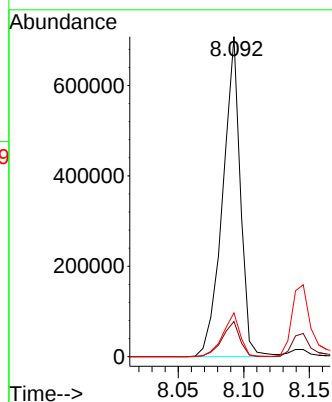
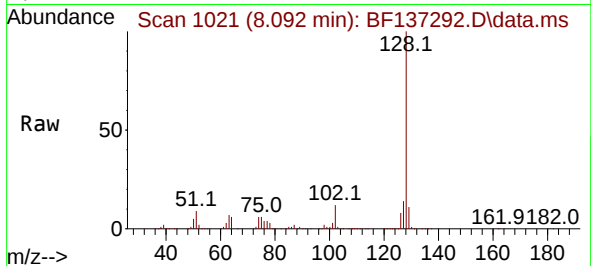




#31
Naphthalene
Concen: 40.865 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

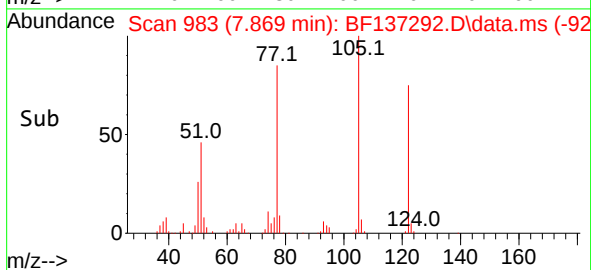
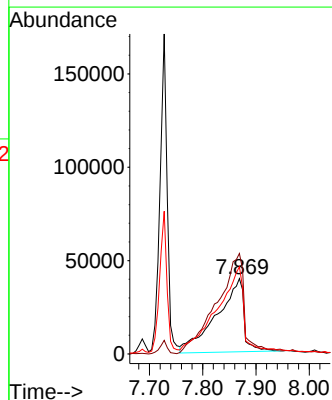
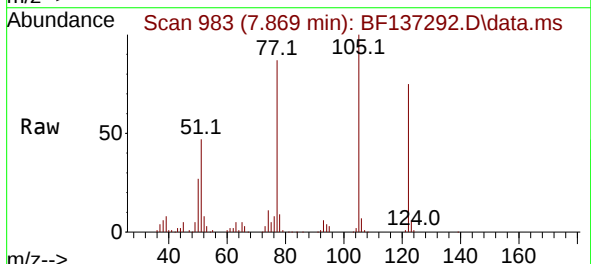
Instrument :
BNA_F
ClientSampleId :
PB158836BS

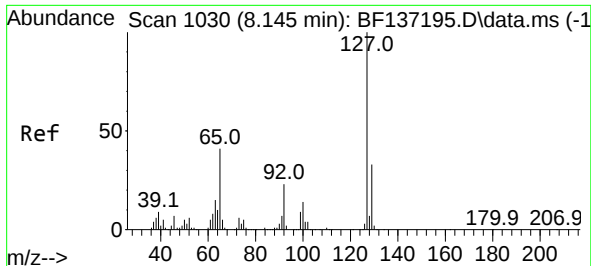
Tgt Ion:128 Resp: 662444
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.7 10.5 15.7



#32
Benzoic acid
Concen: 54.505 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.024 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

Tgt Ion:122 Resp: 139588
Ion Ratio Lower Upper
122 100
105 133.3 122.5 162.5
77 115.7 96.4 136.4

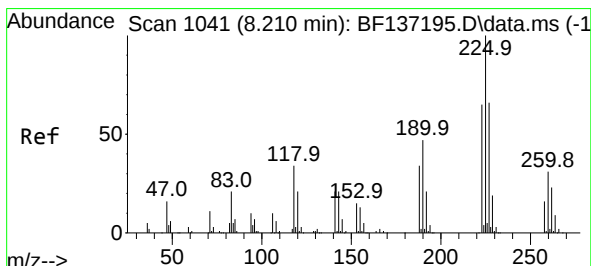
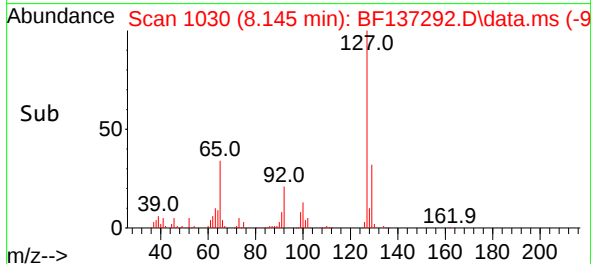
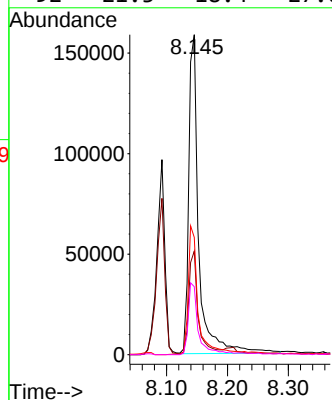
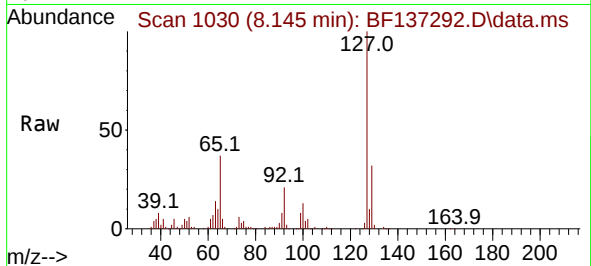




#33
4-Chloroaniline
Concen: 32.724 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

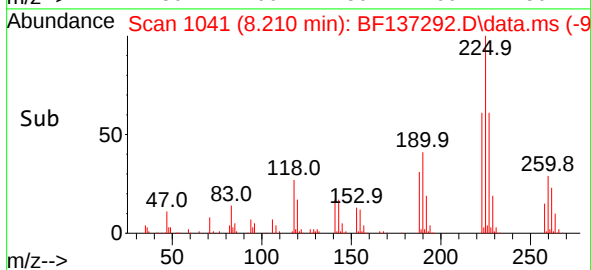
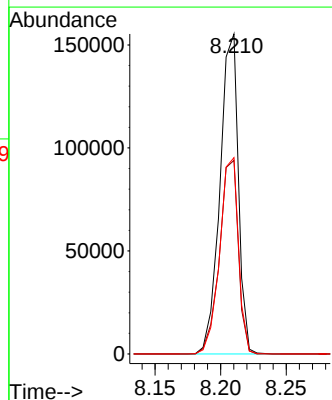
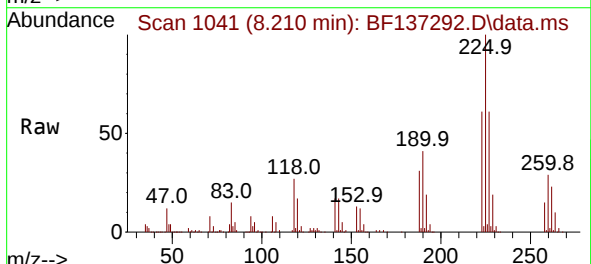
Instrument :
BNA_F
ClientSampleId :
PB158836BS

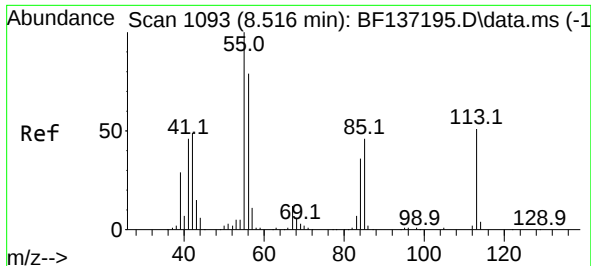
Tgt Ion:	127	Resp:	182470
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.8	40.2
65	36.7	32.9	49.3
92	21.3	18.4	27.6



#34
Hexachlorobutadiene
Concen: 41.794 ng
RT: 8.210 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

Tgt Ion:	225	Resp:	151310
Ion	Ratio	Lower	Upper
225	100		
223	60.5	52.0	78.0
227	61.4	52.9	79.3

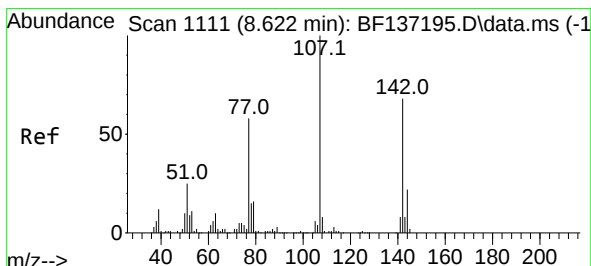
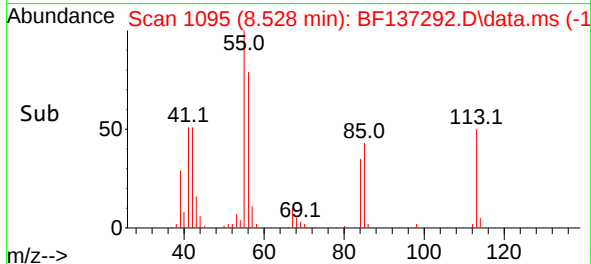
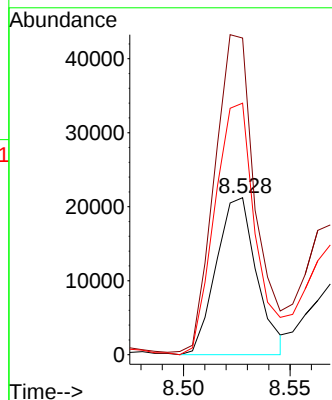
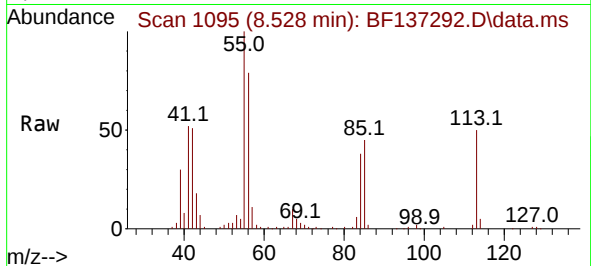




#35
Caprolactam
Concen: 20.607 ng
RT: 8.528 min Scan# 1109
Delta R.T. 0.012 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

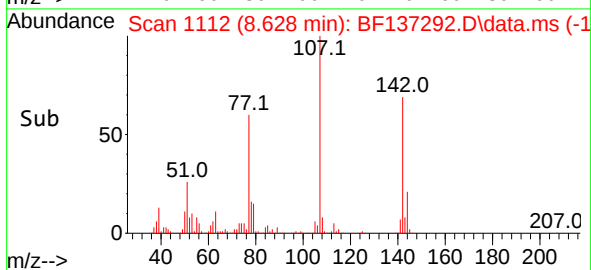
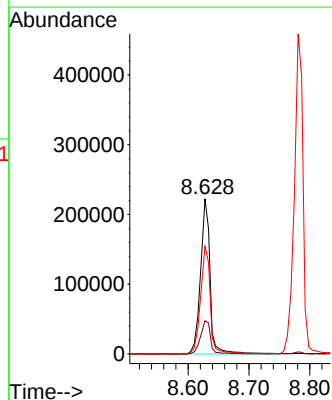
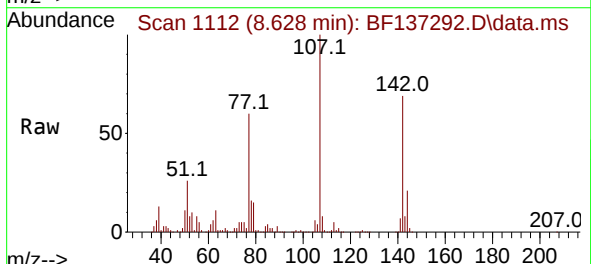
Instrument :
BNA_F
ClientSampleId :
PB158836BS

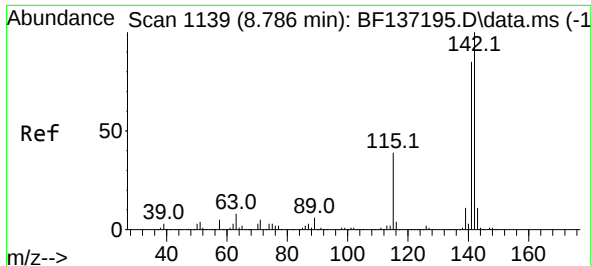
Tgt Ion:113 Resp: 28088
Ion Ratio Lower Upper
113 100
55 201.7 176.0 216.0
56 160.3 134.0 174.0



#36
4-Chloro-3-methylphenol
Concen: 47.042 ng
RT: 8.628 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

Tgt Ion:107 Resp: 243554
Ion Ratio Lower Upper
107 100
144 21.5 17.2 25.8
142 69.2 54.6 82.0





#37

2-Methylnaphthalene

Concen: 41.975 ng

RT: 8.781 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF137292.D

Acq: 06 Feb 2024 15:20

Instrument :

BNA_F

ClientSampleId :

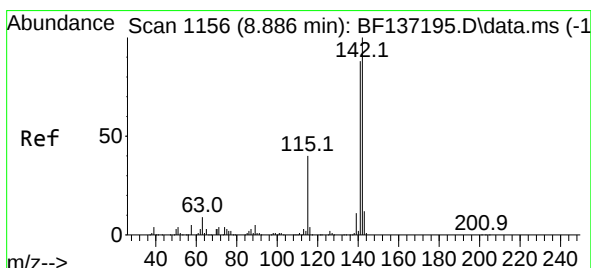
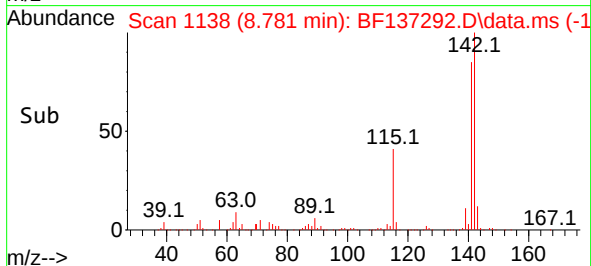
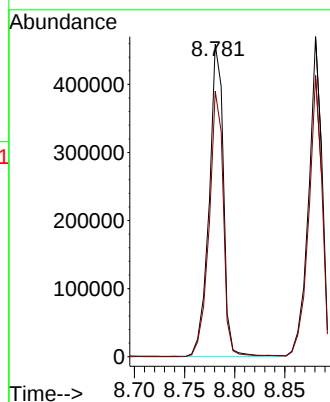
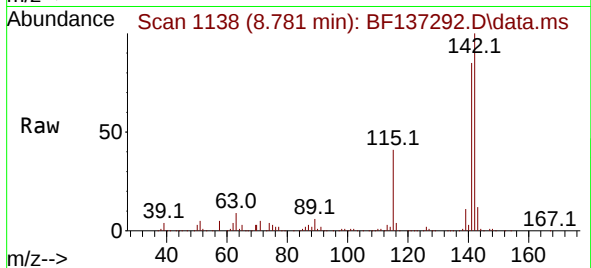
PB158836BS

Tgt Ion:142 Resp: 456180

Ion Ratio Lower Upper

142 100

141 85.0 67.8 101.8



#38

1-Methylnaphthalene

Concen: 42.517 ng

RT: 8.881 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF137292.D

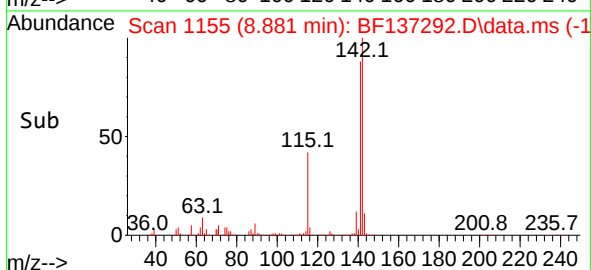
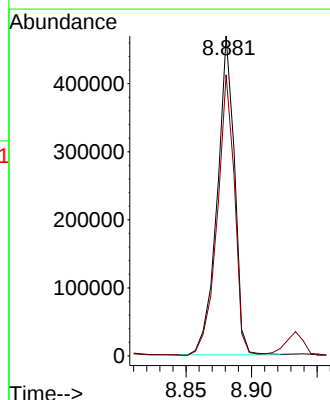
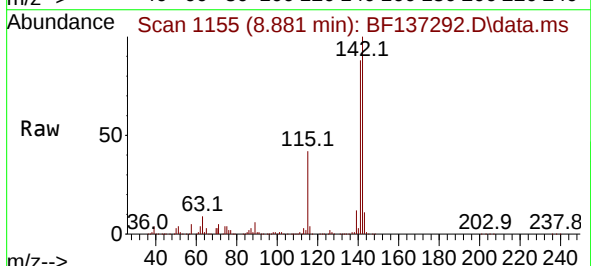
Acq: 06 Feb 2024 15:20

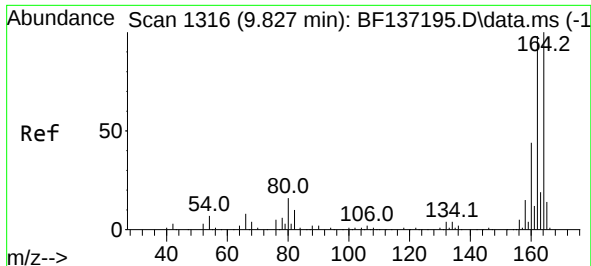
Tgt Ion:142 Resp: 429170

Ion Ratio Lower Upper

142 100

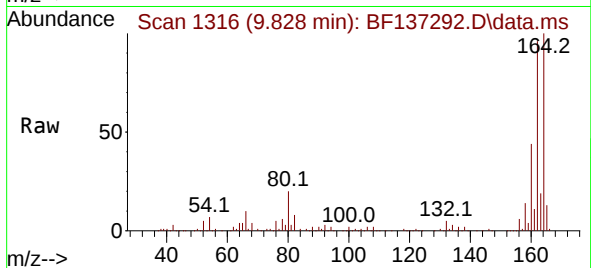
141 87.9 70.6 105.8



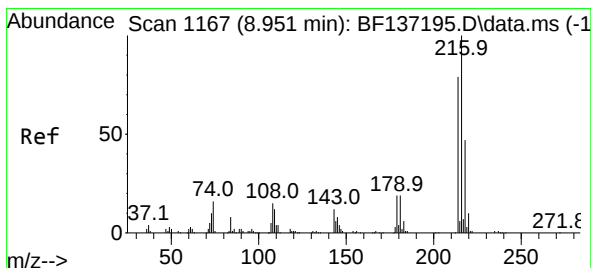
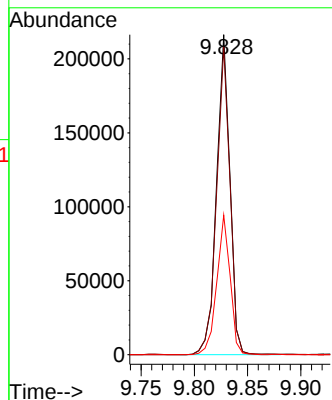
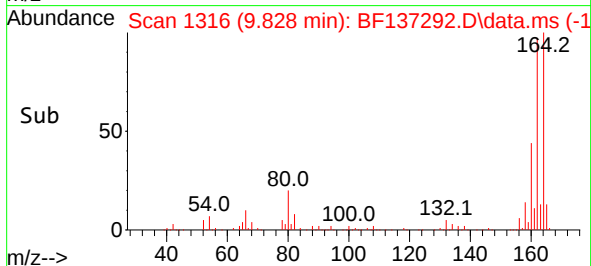


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1167
Delta R.T. 0.001 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

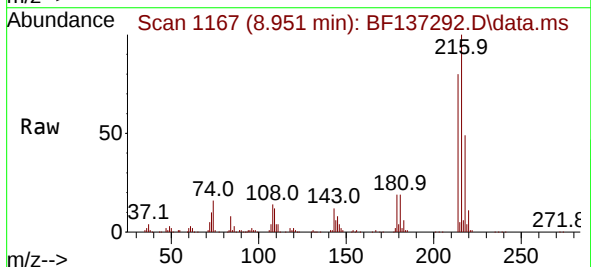
Instrument :
BNA_F
ClientSampleId :
PB158836BS



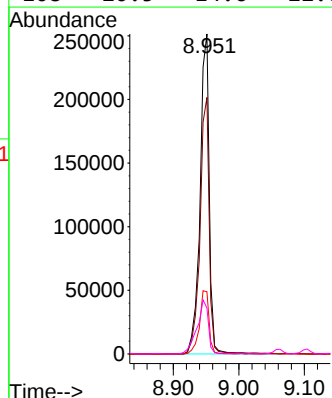
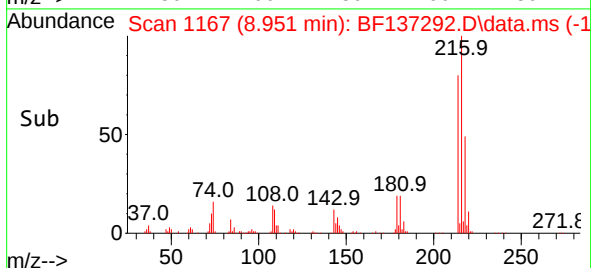
Tgt Ion:164 Resp: 187949
Ion Ratio Lower Upper
164 100
162 96.2 78.3 117.5
160 43.6 35.4 53.2

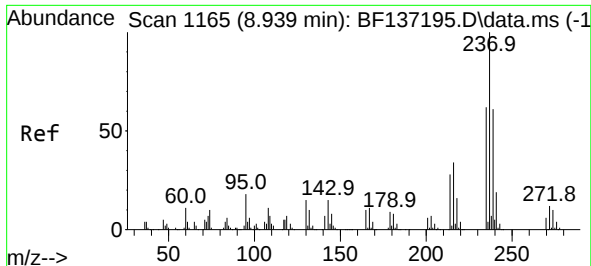


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.127 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20



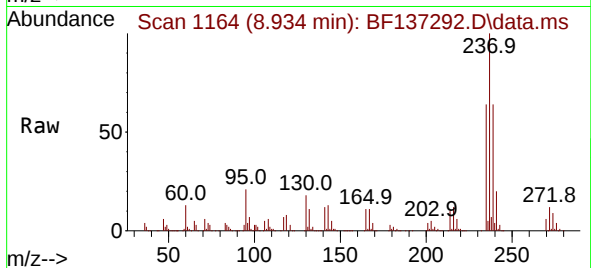
Tgt Ion:216 Resp: 246069
Ion Ratio Lower Upper
216 100
214 79.7 63.9 95.9
179 20.5 16.2 24.2
108 20.5 14.6 22.0



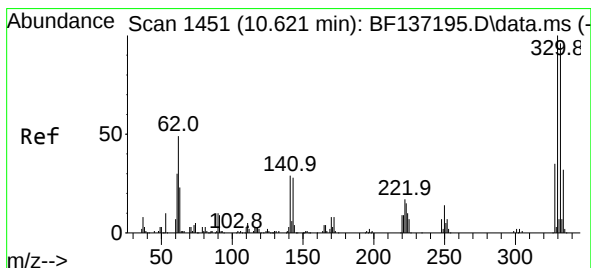
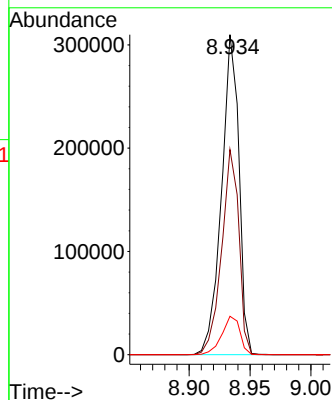
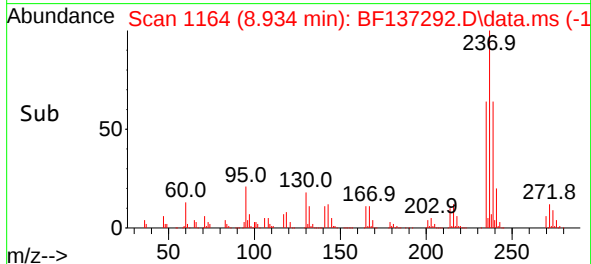


#41
Hexachlorocyclopentadiene
Concen: 102.815 ng
RT: 8.934 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

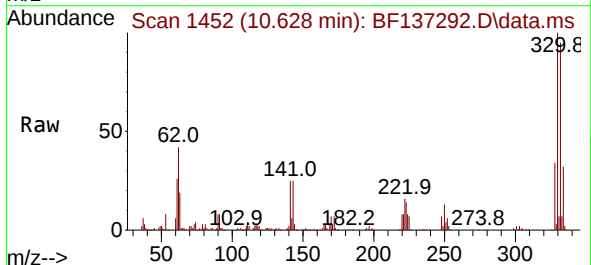
Instrument :
BNA_F
ClientSampleId :
PB158836BS



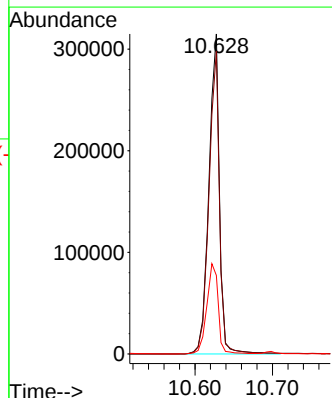
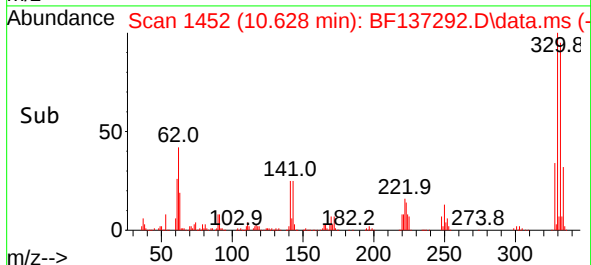
Tgt Ion:237 Resp: 307965
Ion Ratio Lower Upper
237 100
235 64.1 41.6 81.6
272 12.0 0.0 32.4

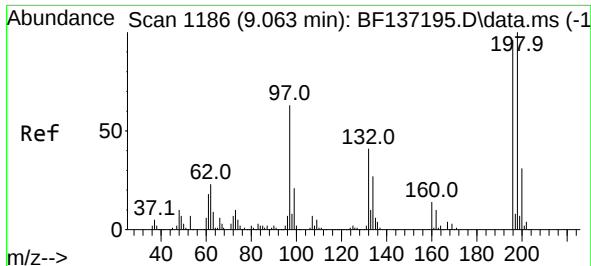


#42
2,4,6-Tribromophenol
Concen: 140.451 ng
RT: 10.628 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20



Tgt Ion:330 Resp: 298122
Ion Ratio Lower Upper
330 100
332 94.6 77.3 115.9
141 30.6 25.2 37.8





#43

2,4,6-Trichlorophenol

Concen: 44.928 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF137292.D

Acq: 06 Feb 2024 15:20

Instrument :

BNA_F

ClientSampleId :

PB158836BS

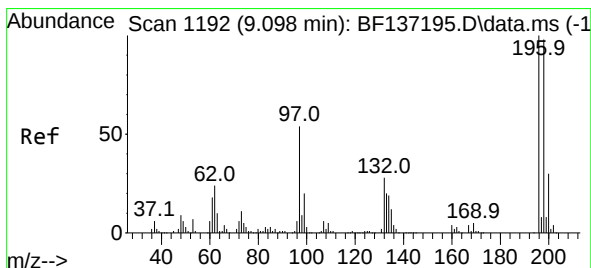
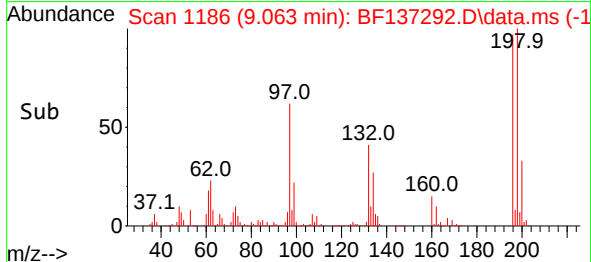
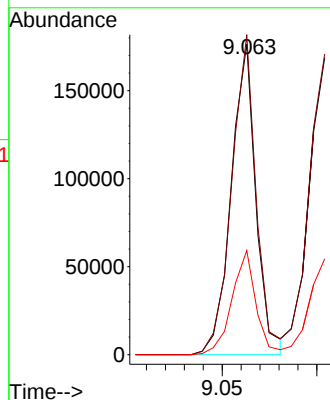
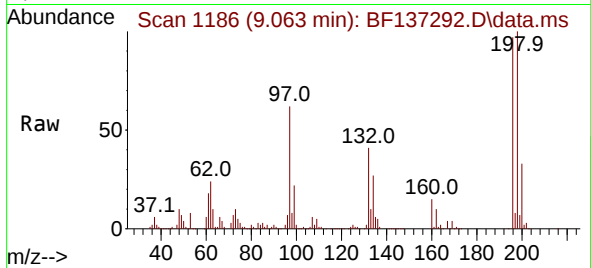
Tgt Ion:196 Resp: 160260

Ion Ratio Lower Upper

196 100

198 103.0 83.0 124.6

200 33.6 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 43.850 ng

RT: 9.104 min Scan# 1193

Delta R.T. 0.006 min

Lab File: BF137292.D

Acq: 06 Feb 2024 15:20

Tgt Ion:196 Resp: 170974

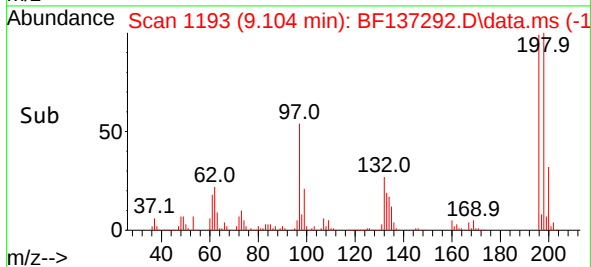
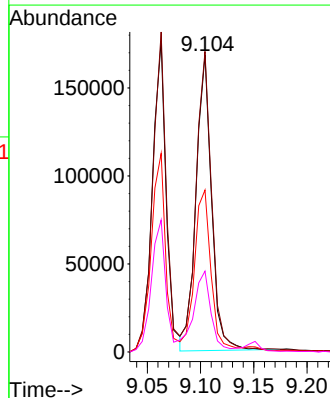
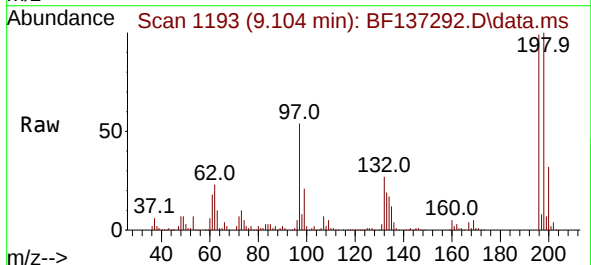
Ion Ratio Lower Upper

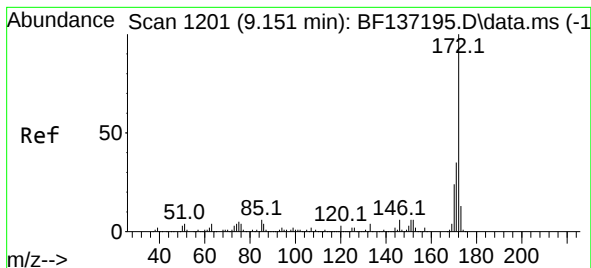
196 100

198 101.3 78.2 117.4

97 54.5 44.2 66.2

132 27.2 22.5 33.7





#45

2-Fluorobiphenyl

Concen: 75.779 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF137292.D

Acq: 06 Feb 2024 15:20

Instrument :

BNA_F

ClientSampleId :

PB158836BS

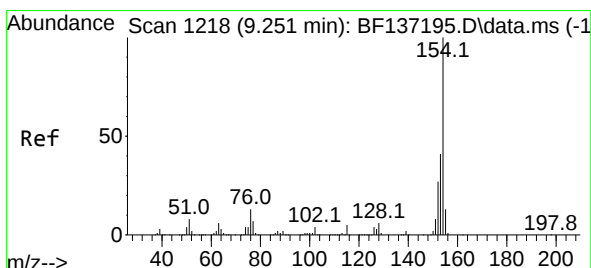
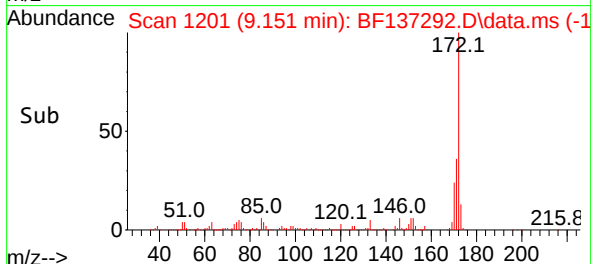
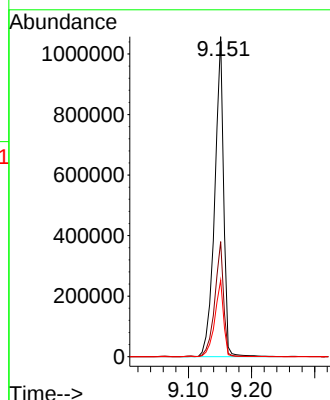
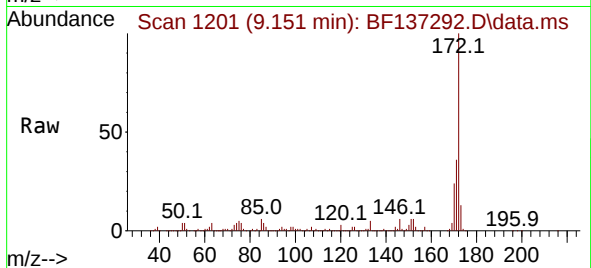
Tgt Ion:172 Resp: 1036074

Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 23.9 19.1 28.7



#46

1,1'-Biphenyl

Concen: 39.734 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF137292.D

Acq: 06 Feb 2024 15:20

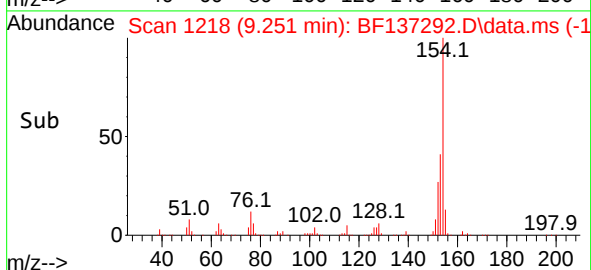
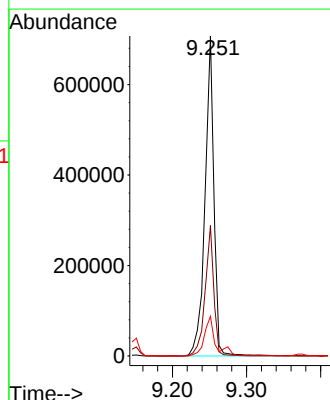
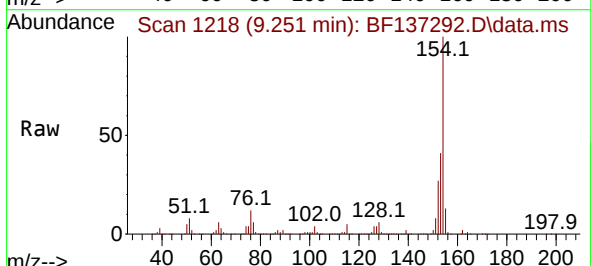
Tgt Ion:154 Resp: 594173

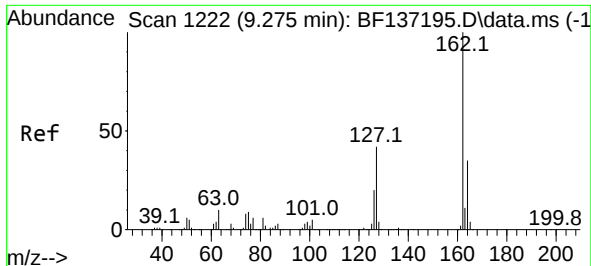
Ion Ratio Lower Upper

154 100

153 40.7 21.2 61.2

76 12.4 0.0 33.0

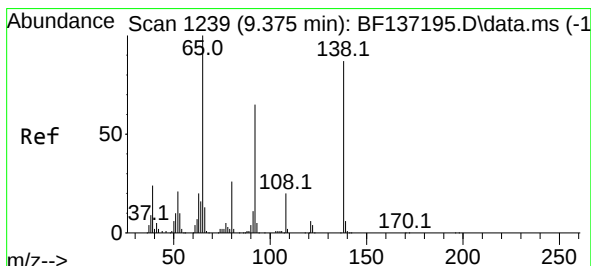
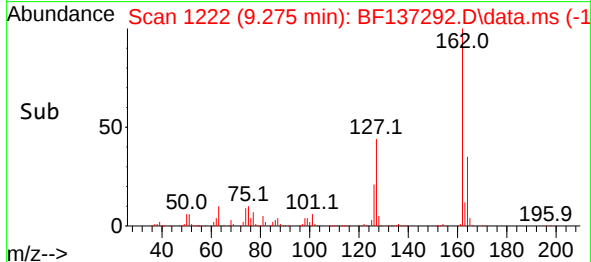
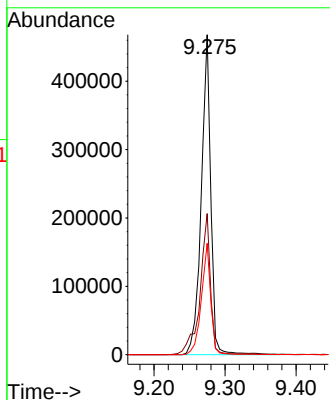
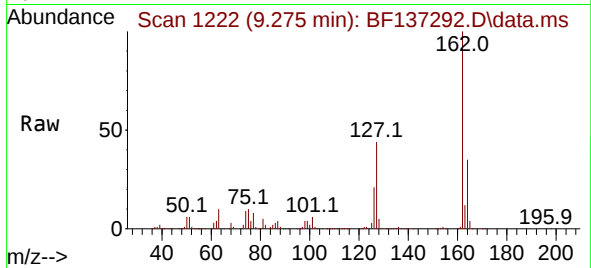




#47
2-Chloronaphthalene
Concen: 39.582 ng
RT: 9.275 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

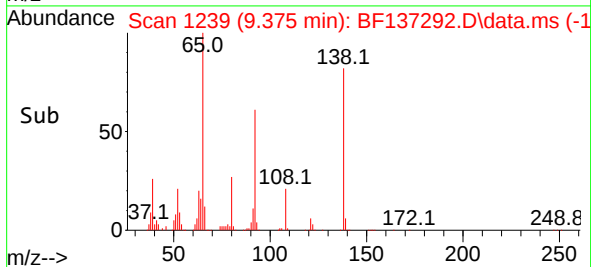
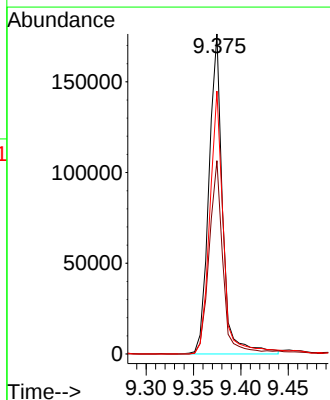
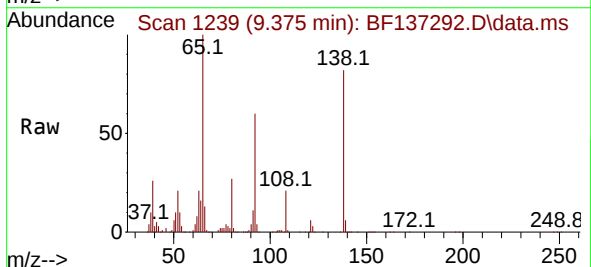
Instrument :
BNA_F
ClientSampleId :
PB158836BS

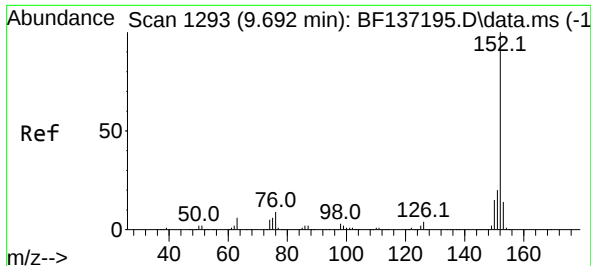
Tgt Ion:162 Resp: 438042
Ion Ratio Lower Upper
162 100
127 44.1 34.1 51.1
164 34.8 27.9 41.9



#48
2-Nitroaniline
Concen: 49.535 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

Tgt Ion: 65 Resp: 177429
Ion Ratio Lower Upper
65 100
92 60.4 51.7 77.5
138 82.1 69.7 104.5





#49

Acenaphthylene

Concen: 40.835 ng

RT: 9.692 min Scan# 1293

Delta R.T. 0.000 min

Lab File: BF137292.D

Acq: 06 Feb 2024 15:20

Instrument :

BNA_F

ClientSampleId :

PB158836BS

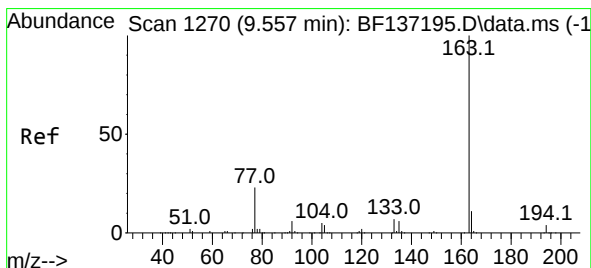
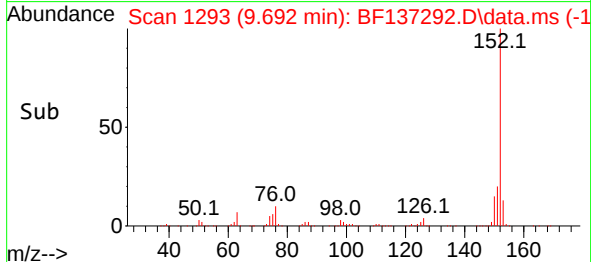
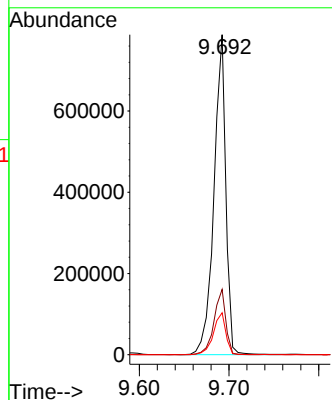
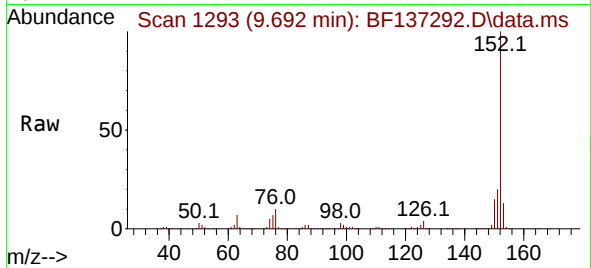
Tgt Ion:152 Resp: 723457

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

153 13.1 11.2 16.8



#50

Dimethylphthalate

Concen: 43.869 ng

RT: 9.563 min Scan# 1271

Delta R.T. 0.006 min

Lab File: BF137292.D

Acq: 06 Feb 2024 15:20

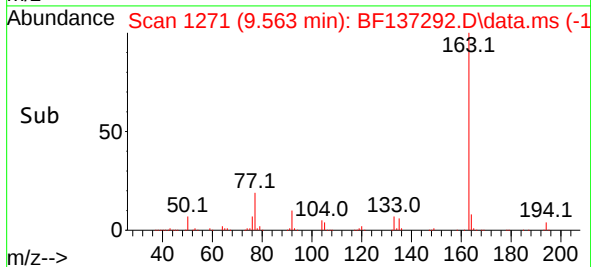
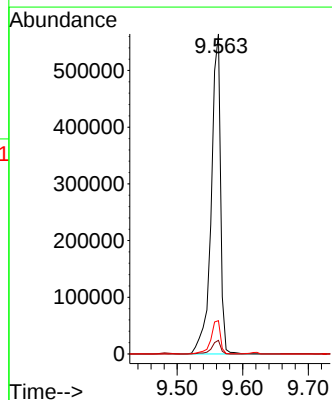
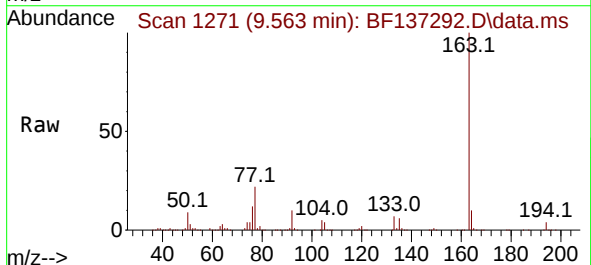
Tgt Ion:163 Resp: 557021

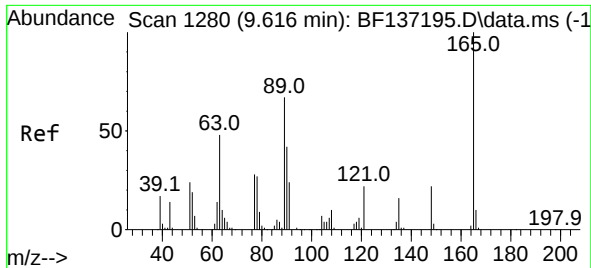
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.4 8.6 13.0

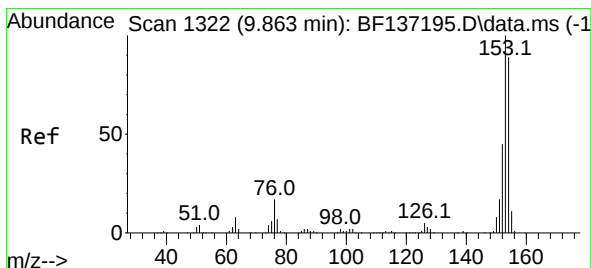
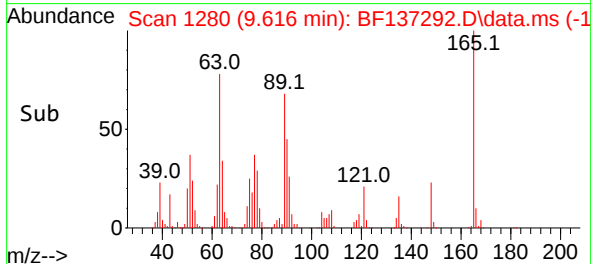
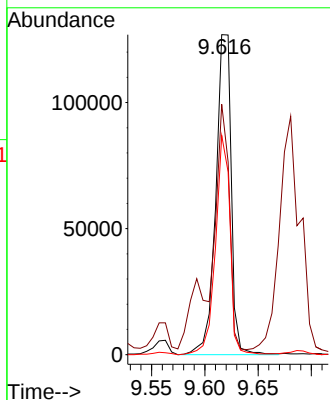
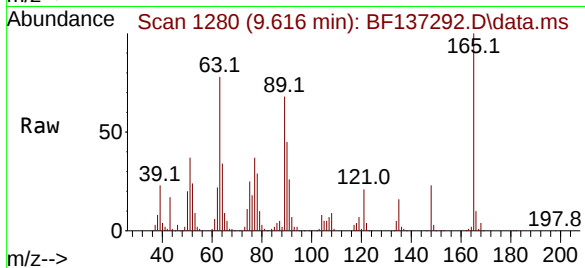




#51
2,6-Dinitrotoluene
Concen: 47.244 ng
RT: 9.616 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

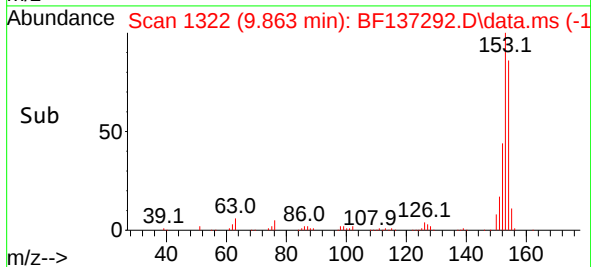
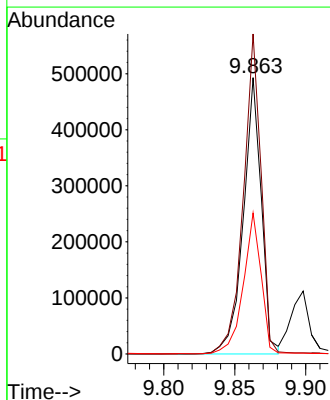
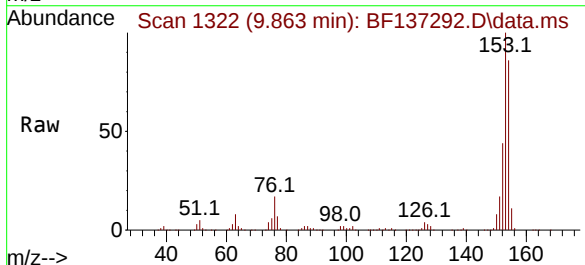
Instrument :
BNA_F
ClientSampleId :
PB158836BS

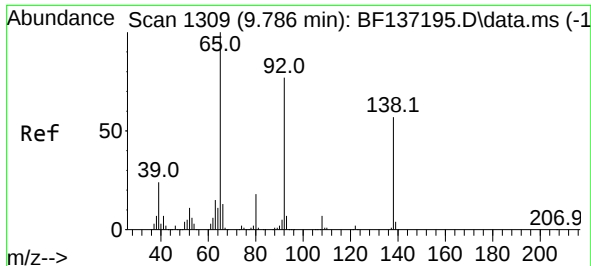
Tgt Ion:165 Resp: 127916
Ion Ratio Lower Upper
165 100
63 78.3 55.1 82.7
89 68.5 53.5 80.3



#52
Acenaphthene
Concen: 41.699 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

Tgt Ion:154 Resp: 434193
Ion Ratio Lower Upper
154 100
153 115.8 90.2 135.4
152 51.0 40.6 60.8

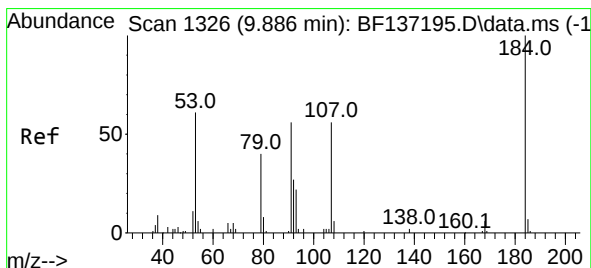
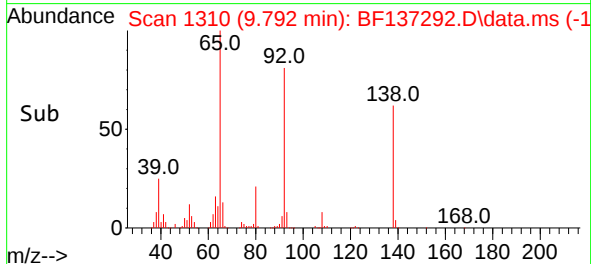
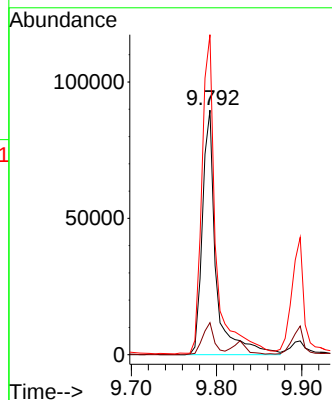
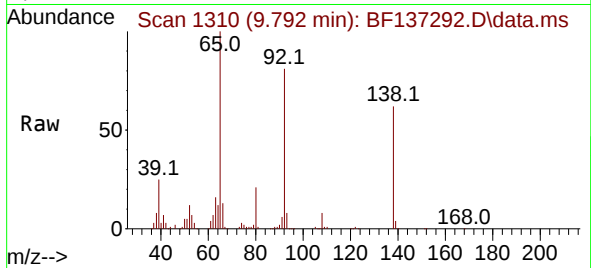




#53
3-Nitroaniline
Concen: 41.072 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

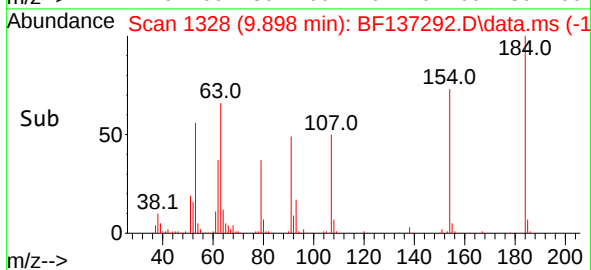
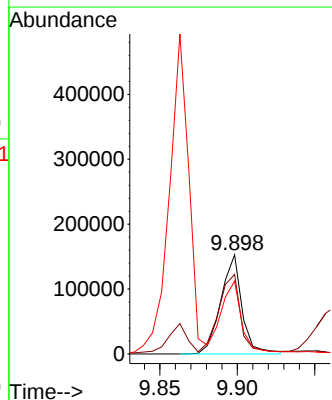
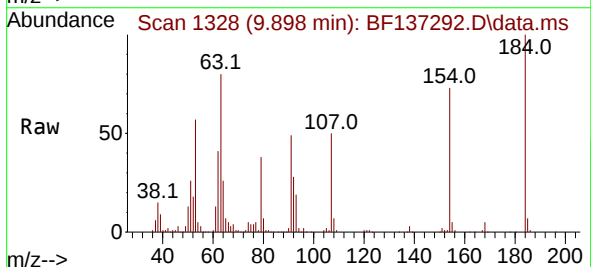
Instrument :
BNA_F
ClientSampleId :
PB158836BS

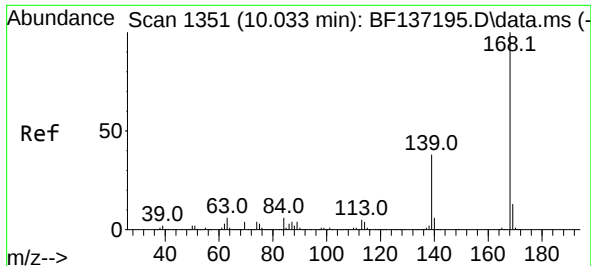
Tgt Ion:138 Resp: 100075
Ion Ratio Lower Upper
138 100
108 13.1 10.4 15.6
92 130.9 108.6 162.8



#54
2,4-Dinitrophenol
Concen: 114.895 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.012 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

Tgt Ion:184 Resp: 145586
Ion Ratio Lower Upper
184 100
63 80.2 71.2 106.8
154 73.4 64.9 97.3

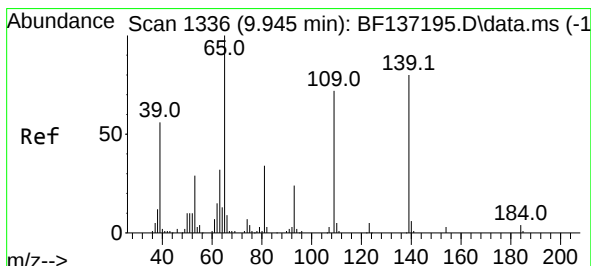
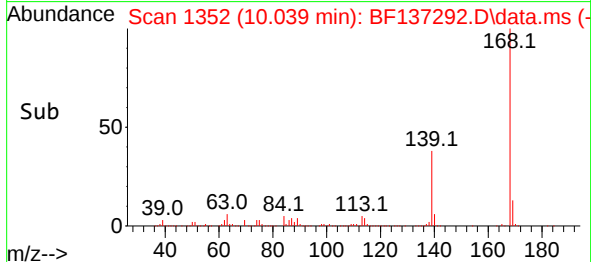
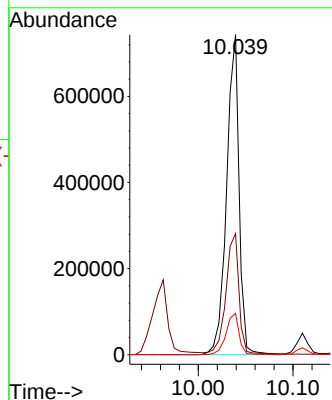
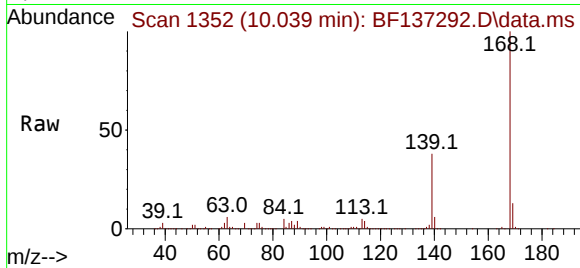




#55
Dibenzenofuran
Concen: 41.297 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.006 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

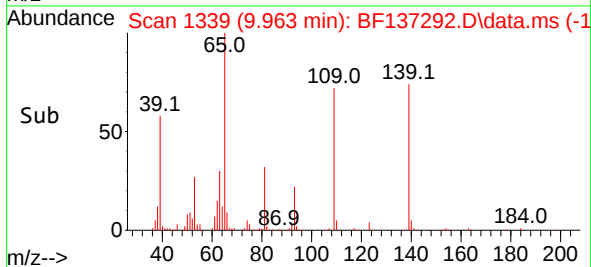
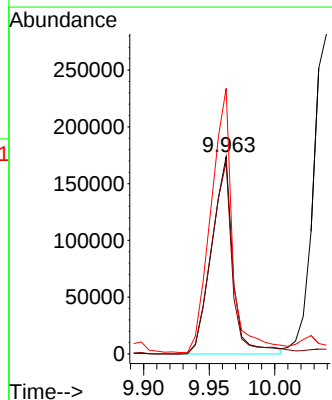
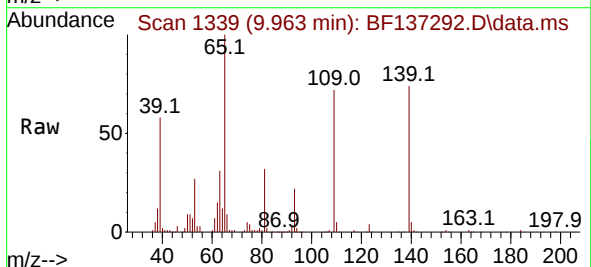
Instrument :
BNA_F
ClientSampleId :
PB158836BS

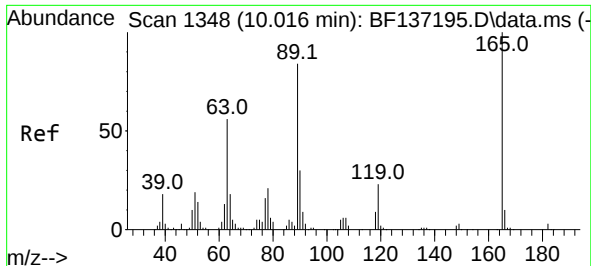
Tgt Ion:168 Resp: 684131
Ion Ratio Lower Upper
168 100
139 37.9 31.1 46.7
169 12.9 10.6 16.0



#56
4-Nitrophenol
Concen: 124.719 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.018 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

Tgt Ion:139 Resp: 196094
Ion Ratio Lower Upper
139 100
109 97.2 70.4 110.4
65 134.6 107.6 147.6

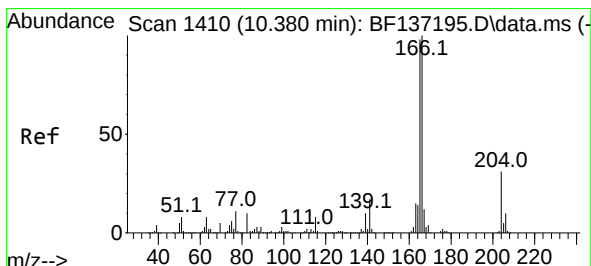
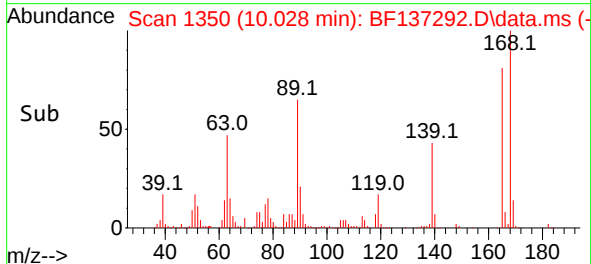
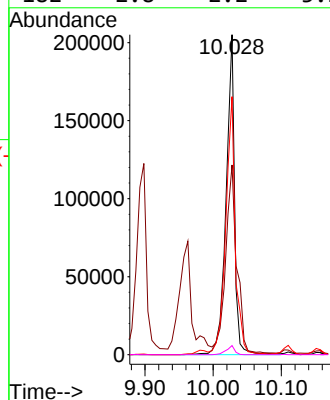
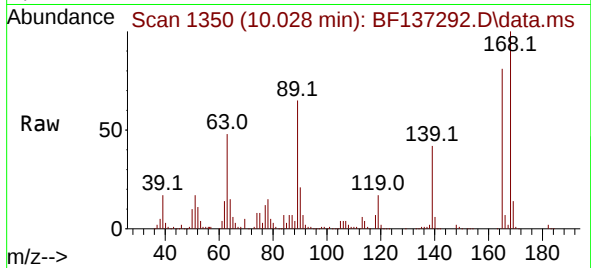




#57
2,4-Dinitrotoluene
Concen: 50.586 ng
RT: 10.028 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

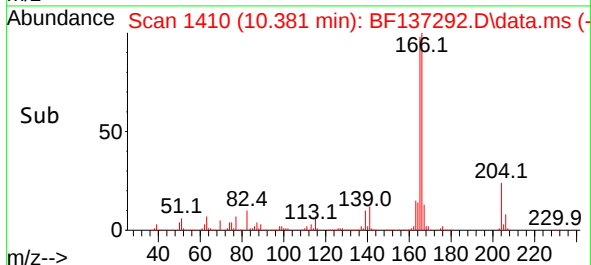
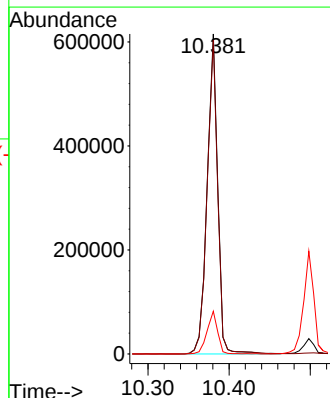
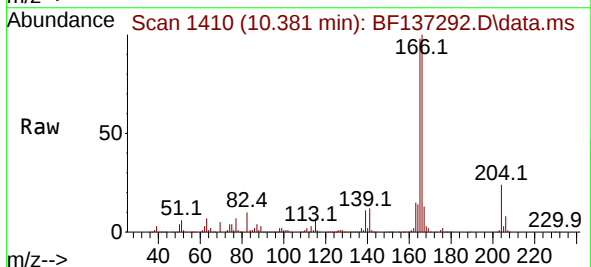
Instrument :
BNA_F
ClientSampleId :
PB158836BS

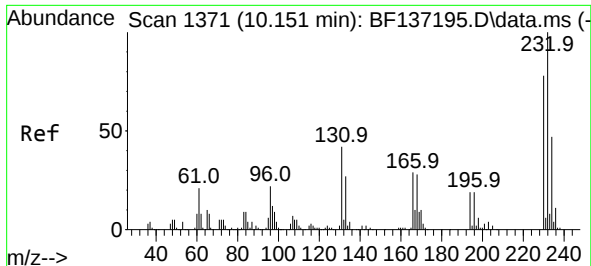
Tgt Ion:165 Resp: 177716
Ion Ratio Lower Upper
165 100
63 59.3 46.1 69.1
89 80.7 67.5 101.3
182 2.8 2.2 3.2



#58
Fluorene
Concen: 42.691 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

Tgt Ion:166 Resp: 554430
Ion Ratio Lower Upper
166 100
165 98.0 78.5 117.7
167 13.4 10.0 15.0

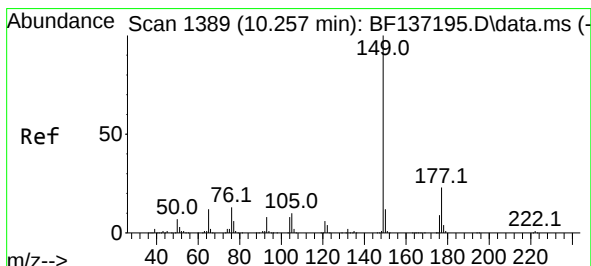
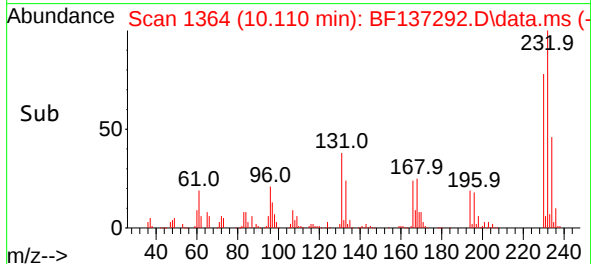
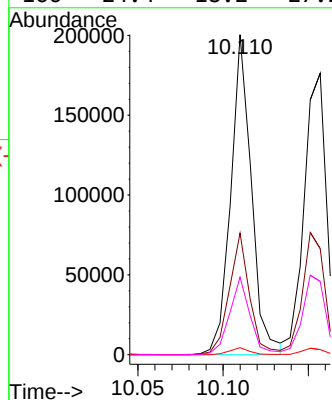
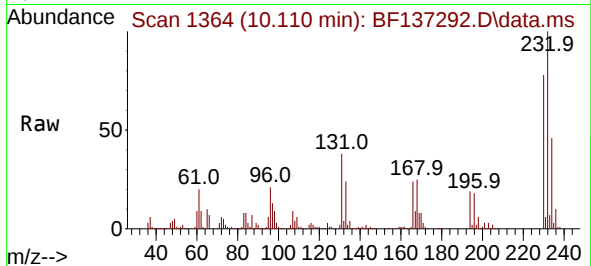




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.745 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.041 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

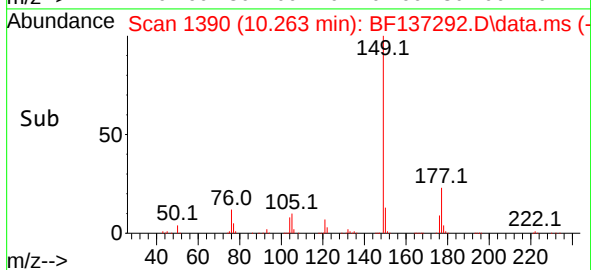
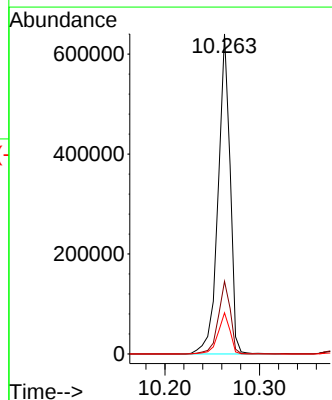
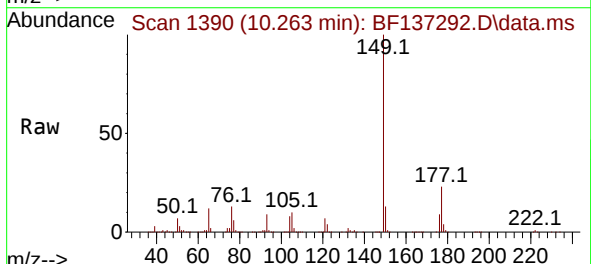
Instrument :
BNA_F
ClientSampleId :
PB158836BS

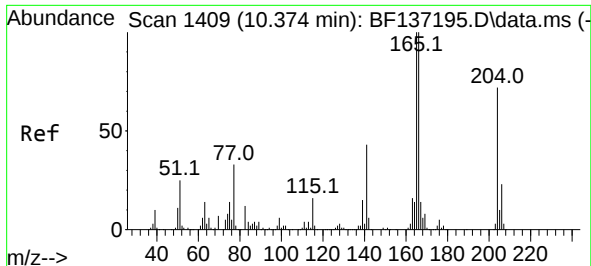
Tgt Ion:232 Resp: 169586
Ion Ratio Lower Upper
232 100
131 37.6 27.4 41.2
130 2.1 1.7 2.5
166 24.4 18.2 27.2



#60
Diethylphthalate
Concen: 44.833 ng
RT: 10.263 min Scan# 1390
Delta R.T. 0.006 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

Tgt Ion:149 Resp: 560508
Ion Ratio Lower Upper
149 100
177 22.7 18.0 27.0
150 12.9 9.6 14.4

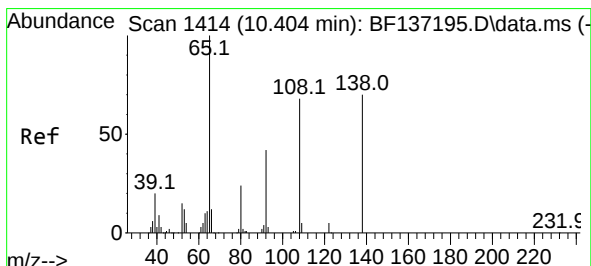
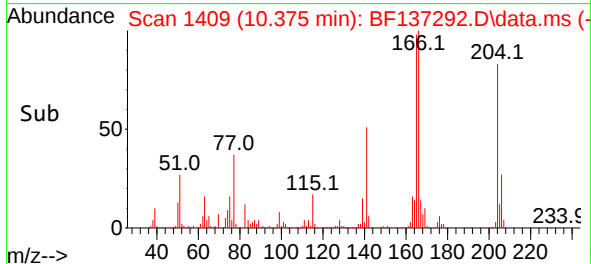
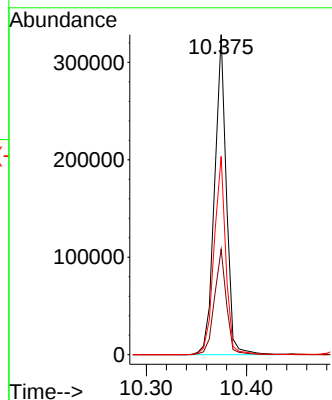
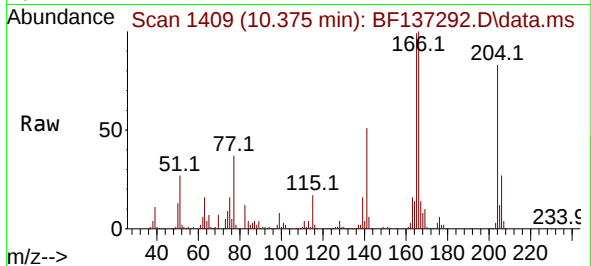




#61
4-Chlorophenyl-phenylether
Concen: 41.543 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

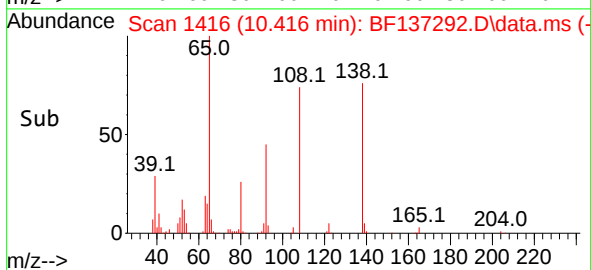
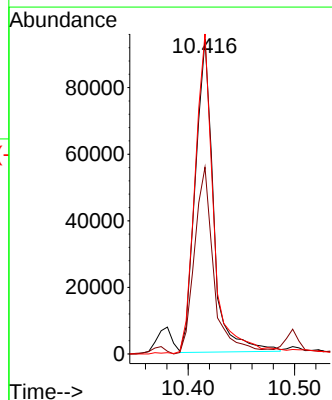
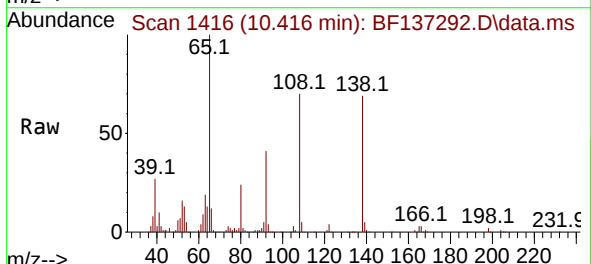
Instrument :
BNA_F
ClientSampleId :
PB158836BS

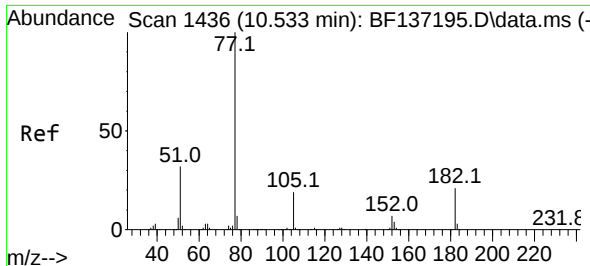
Tgt Ion:204 Resp: 268171
Ion Ratio Lower Upper
204 100
206 33.0 25.5 38.3
141 61.9 48.3 72.5



#62
4-Nitroaniline
Concen: 47.920 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.012 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

Tgt Ion:138 Resp: 111762
Ion Ratio Lower Upper
138 100
92 59.3 39.3 79.3
108 101.7 75.3 115.3

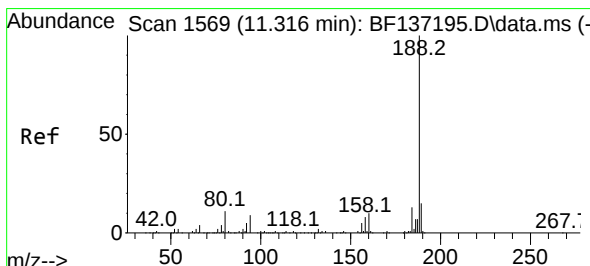
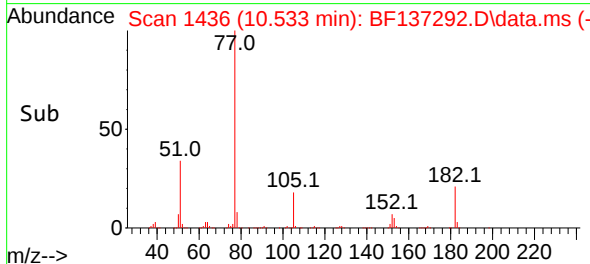
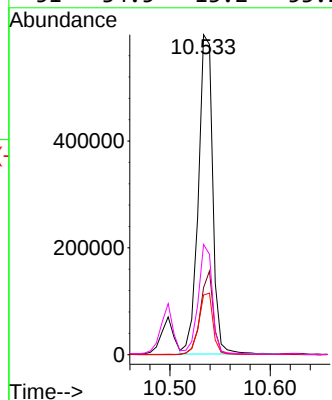
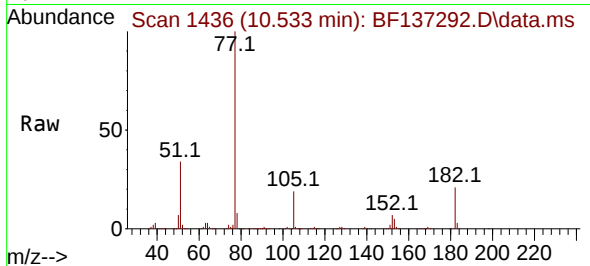




#63
Azobenzene
Concen: 43.070 ng
RT: 10.533 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

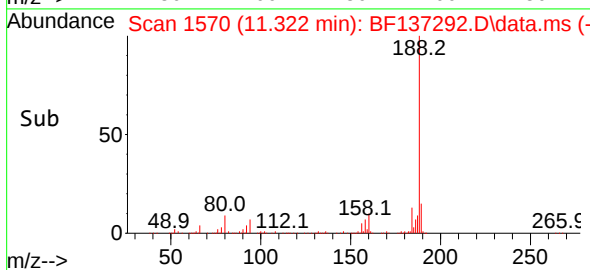
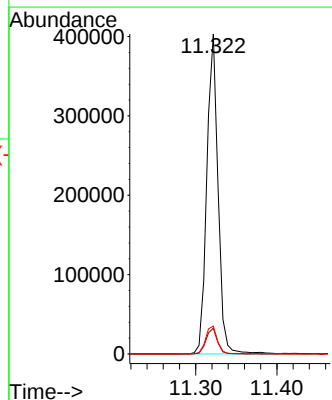
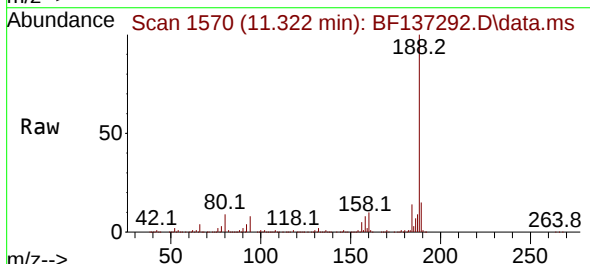
Instrument :
BNA_F
ClientSampleId :
PB158836BS

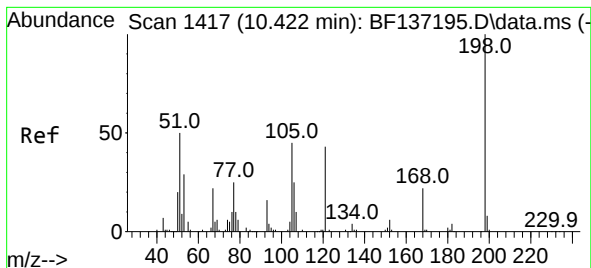
Tgt Ion:	77	Resp:	596358
Ion	Ratio	Lower	Upper
77	100		
182	21.0	1.1	41.1
105	18.7	0.0	38.9
51	34.5	13.2	53.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

Tgt Ion:	188	Resp:	385935
Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.0	10.4
80	8.7	8.8	13.2

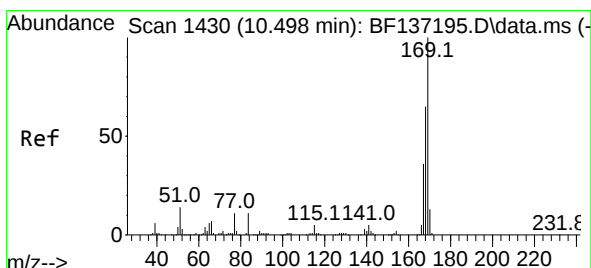
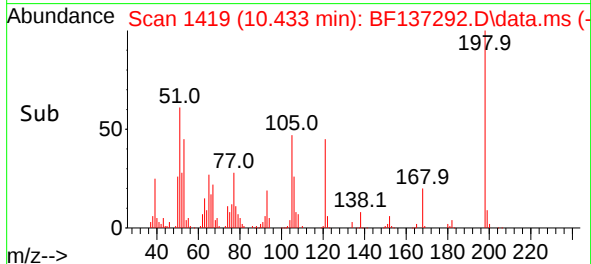
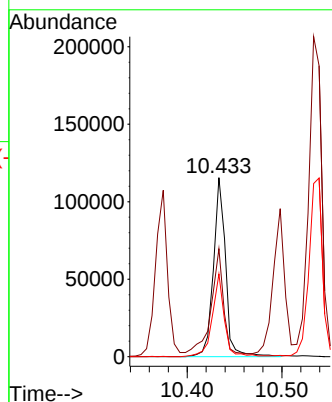
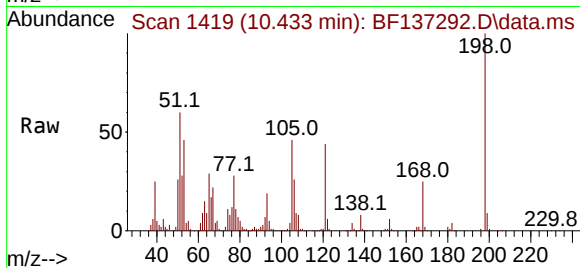




#65
4,6-Dinitro-2-methylphenol
Concen: 50.211 ng
RT: 10.433 min Scan# 1417
Delta R.T. 0.011 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

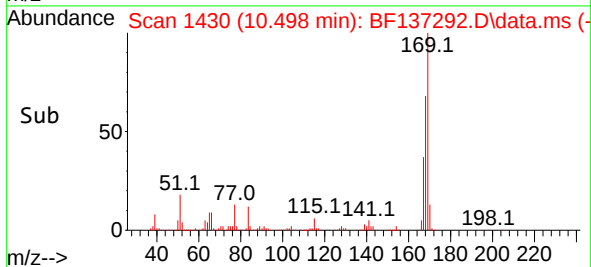
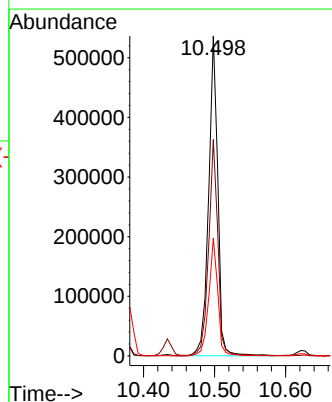
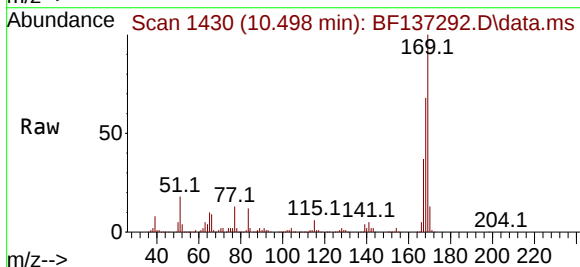
Instrument :
BNA_F
ClientSampleId :
PB158836BS

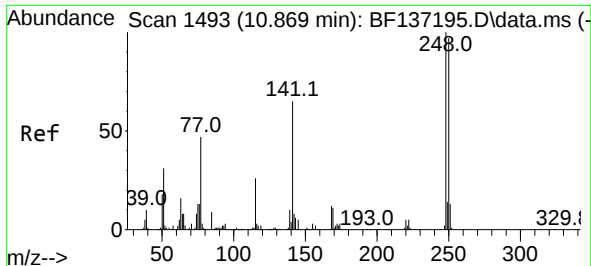
Tgt Ion:198 Resp: 103228
Ion Ratio Lower Upper
198 100
51 60.3 40.9 80.9
105 46.2 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 41.181 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

Tgt Ion:169 Resp: 483247
Ion Ratio Lower Upper
169 100
168 67.7 51.9 77.9
167 36.8 29.0 43.6

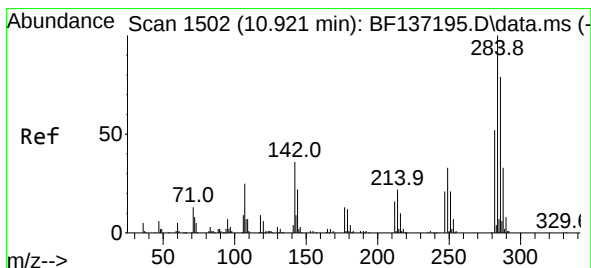
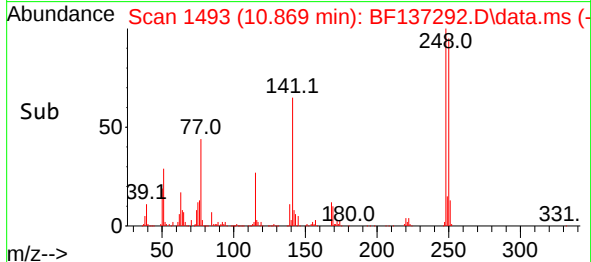
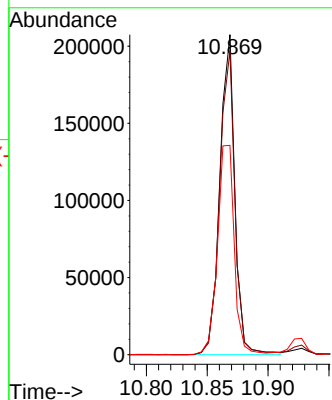
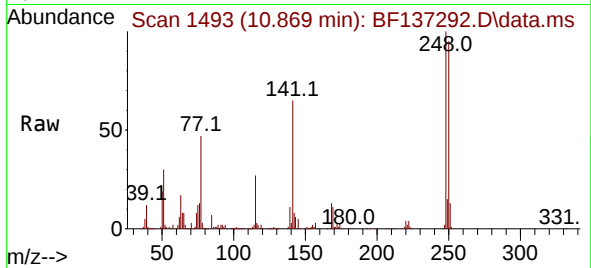




#67
4-Bromophenyl-phenylether
Concen: 42.123 ng
RT: 10.869 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

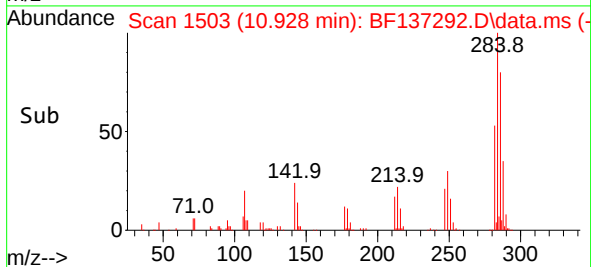
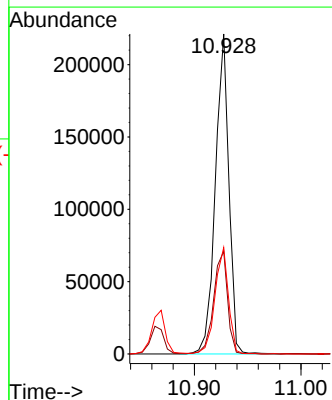
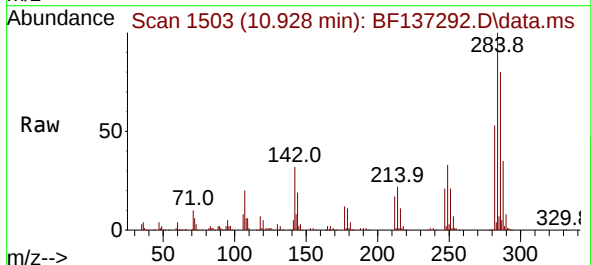
Instrument :
BNA_F
ClientSampleId :
PB158836BS

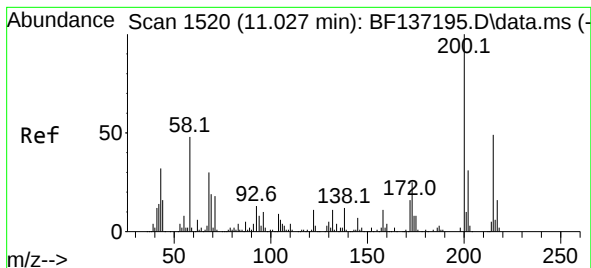
Tgt Ion:248 Resp: 178753
Ion Ratio Lower Upper
248 100
250 95.0 77.7 116.5
141 65.4 51.6 77.4



#68
Hexachlorobenzene
Concen: 41.022 ng
RT: 10.928 min Scan# 1503
Delta R.T. 0.006 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

Tgt Ion:284 Resp: 194447
Ion Ratio Lower Upper
284 100
142 32.1 28.7 43.1
249 33.2 27.0 40.4





#69

Atrazine

Concen: 45.322 ng

RT: 11.033 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137292.D

Acq: 06 Feb 2024 15:20

Instrument :

BNA_F

ClientSampleId :

PB158836BS

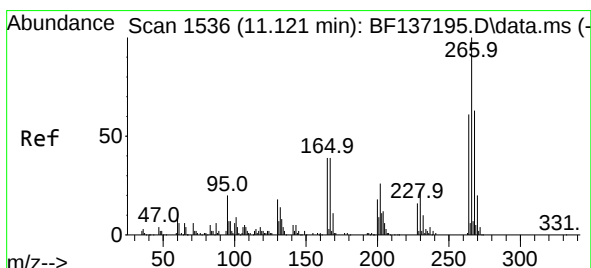
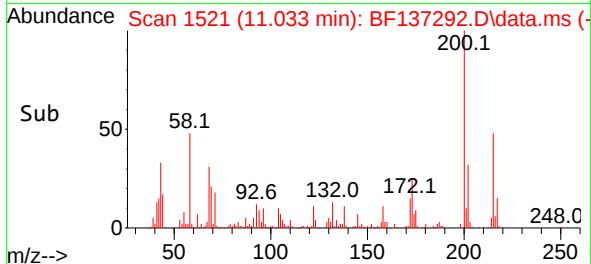
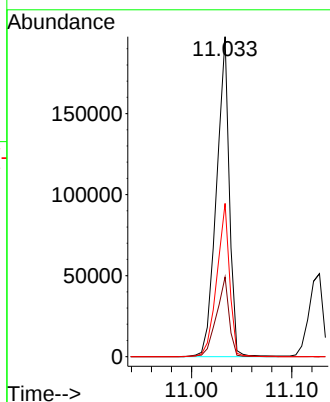
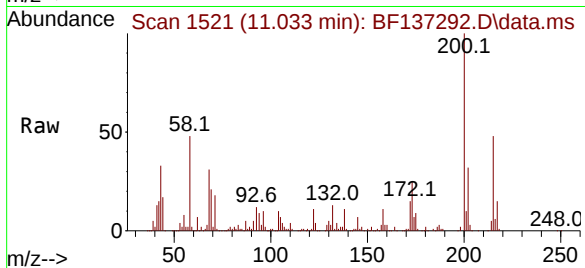
Tgt Ion:200 Resp: 175570

Ion Ratio Lower Upper

200 100

173 24.9 5.3 45.3

215 47.9 29.4 69.4



#70

Pentachlorophenol

Concen: 99.207 ng

RT: 11.128 min Scan# 1537

Delta R.T. 0.007 min

Lab File: BF137292.D

Acq: 06 Feb 2024 15:20

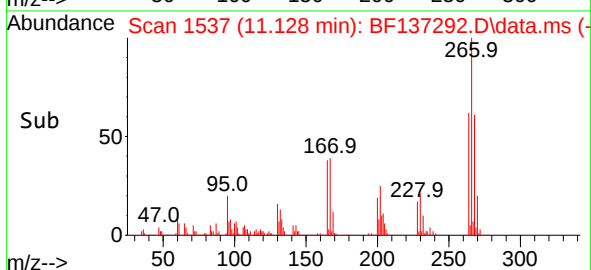
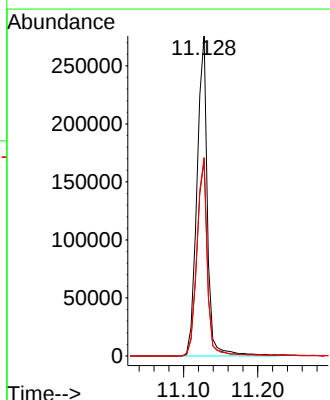
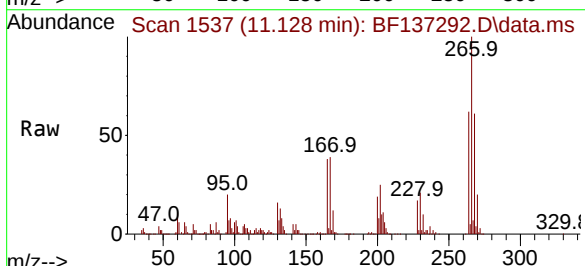
Tgt Ion:266 Resp: 269567

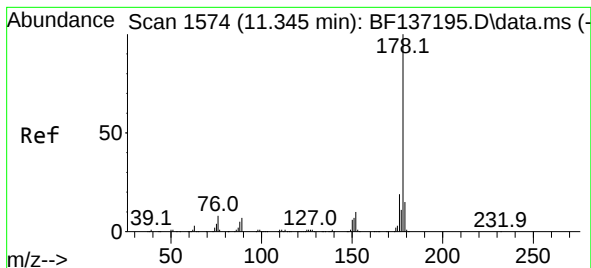
Ion Ratio Lower Upper

266 100

268 60.9 50.6 76.0

264 62.0 48.8 73.2





#71

Phenanthrene

Concen: 41.769 ng

RT: 11.351 min Scan# 1575

Delta R.T. 0.006 min

Lab File: BF137292.D

Acq: 06 Feb 2024 15:20

Instrument :

BNA_F

ClientSampleId :

PB158836BS

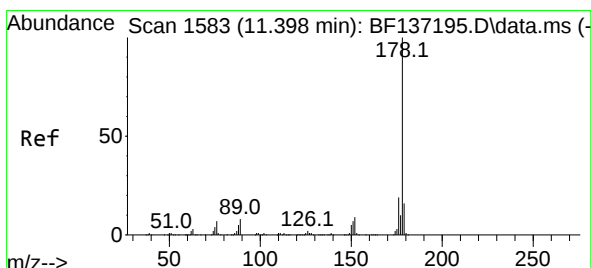
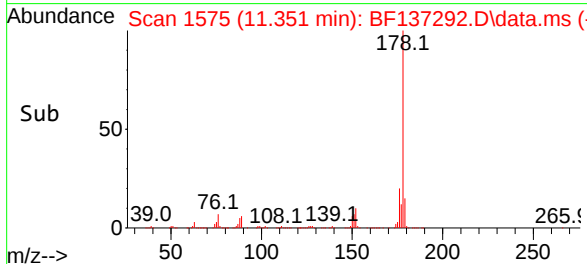
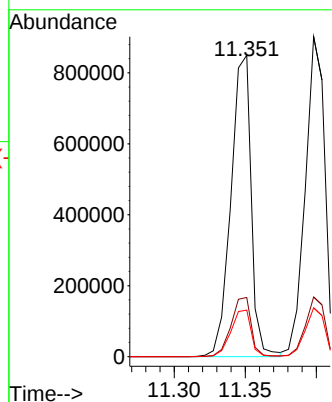
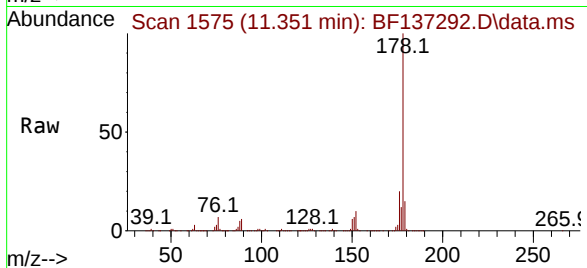
Tgt Ion:178 Resp: 843910

Ion Ratio Lower Upper

178 100

176 19.6 15.1 22.7

179 15.5 12.1 18.1



#72

Anthracene

Concen: 42.491 ng

RT: 11.398 min Scan# 1583

Delta R.T. 0.000 min

Lab File: BF137292.D

Acq: 06 Feb 2024 15:20

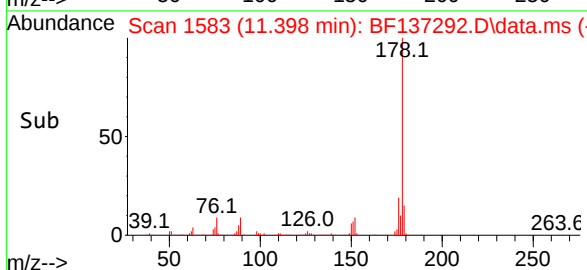
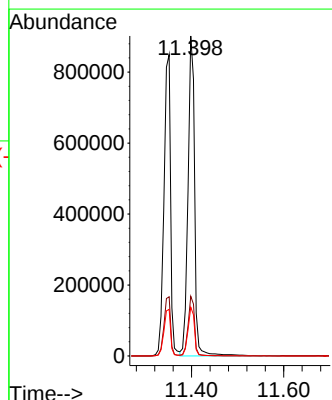
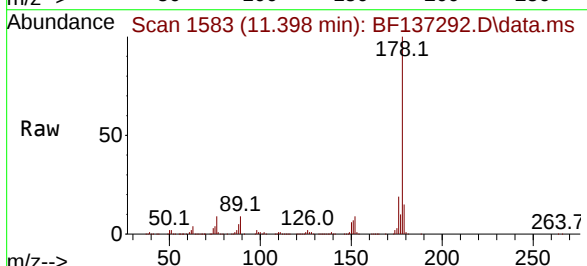
Tgt Ion:178 Resp: 894804

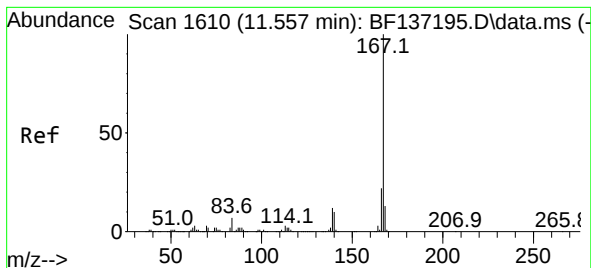
Ion Ratio Lower Upper

178 100

176 18.6 15.3 22.9

179 15.2 12.7 19.1





#73

Carbazole

Concen: 44.040 ng

RT: 11.557 min Scan# 1610

Delta R.T. 0.000 min

Lab File: BF137292.D

Acq: 06 Feb 2024 15:20

Instrument :

BNA_F

ClientSampleId :

PB158836BS

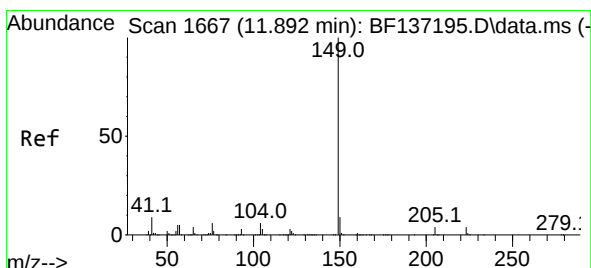
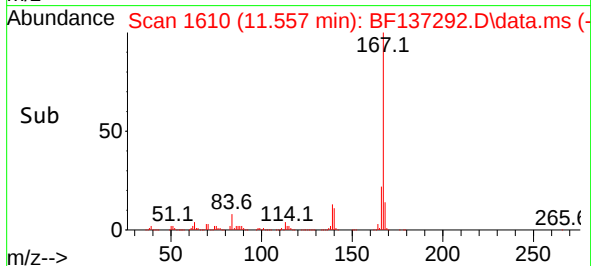
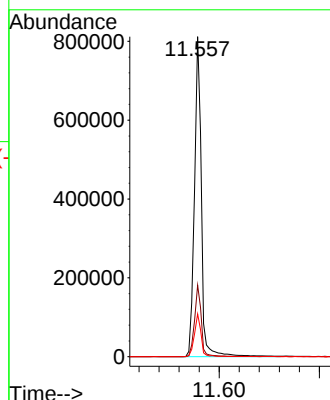
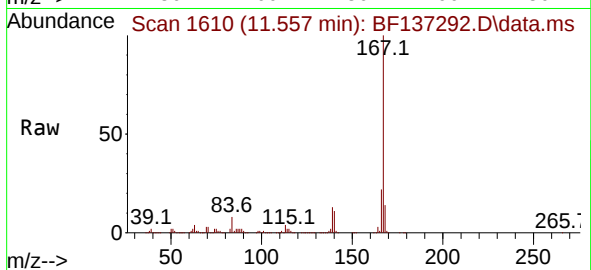
Tgt Ion:167 Resp: 775081

Ion Ratio Lower Upper

167 100

166 22.3 17.6 26.4

139 13.3 9.7 14.5



#74

Di-n-butylphthalate

Concen: 46.351 ng

RT: 11.892 min Scan# 1667

Delta R.T. 0.000 min

Lab File: BF137292.D

Acq: 06 Feb 2024 15:20

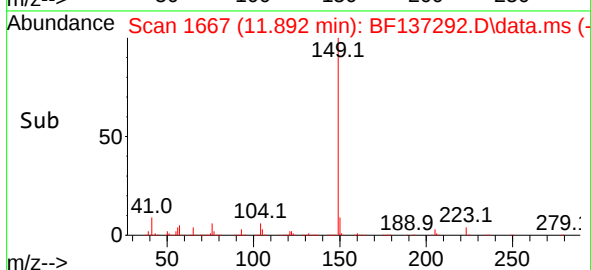
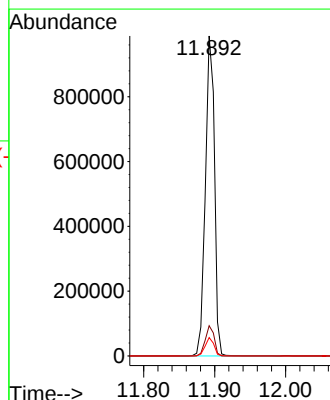
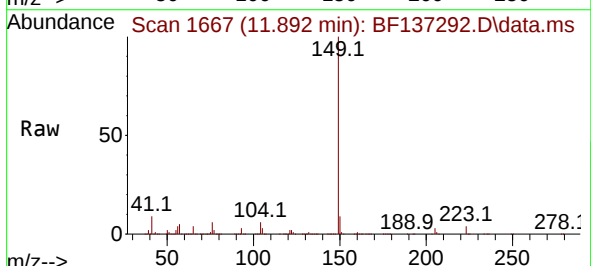
Tgt Ion:149 Resp: 881810

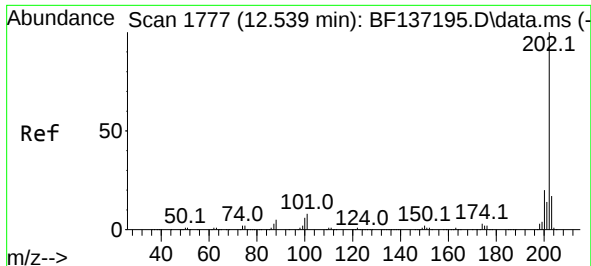
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.0

104 5.7 4.5 6.7

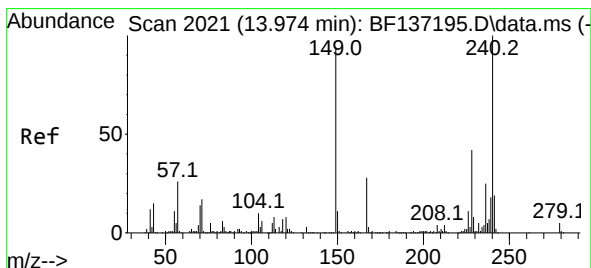
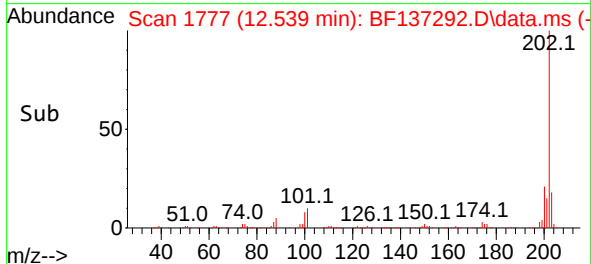
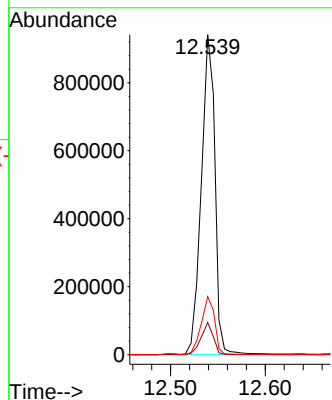
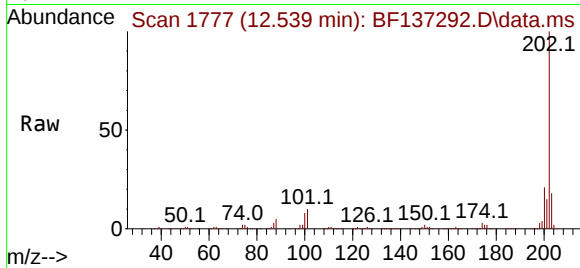




#75
Fluoranthene
Concen: 44.310 ng
RT: 12.539 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

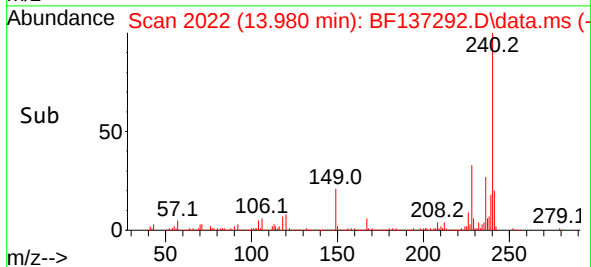
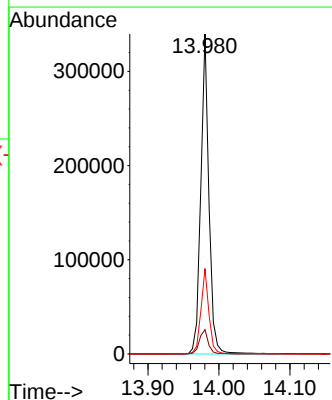
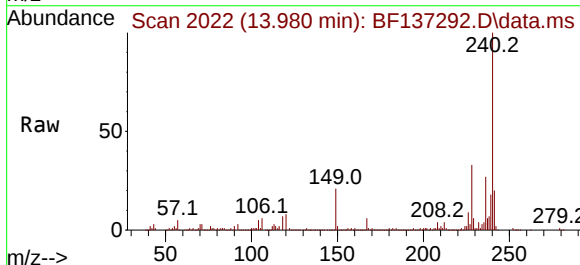
Instrument :
BNA_F
ClientSampleId :
PB158836BS

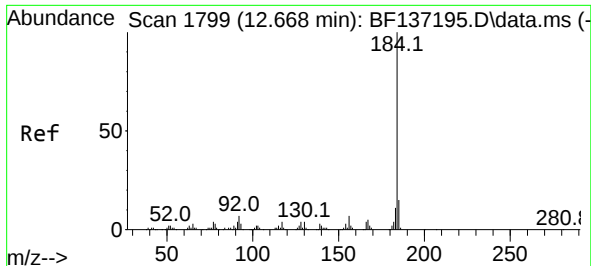
Tgt Ion:202 Resp: 936786
Ion Ratio Lower Upper
202 100
101 10.0 0.0 28.4
203 18.2 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.006 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

Tgt Ion:240 Resp: 271845
Ion Ratio Lower Upper
240 100
120 7.6 6.3 9.5
236 26.7 20.3 30.5

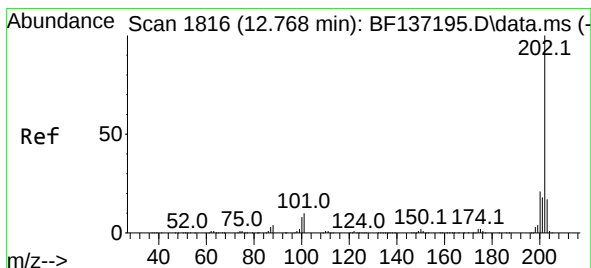
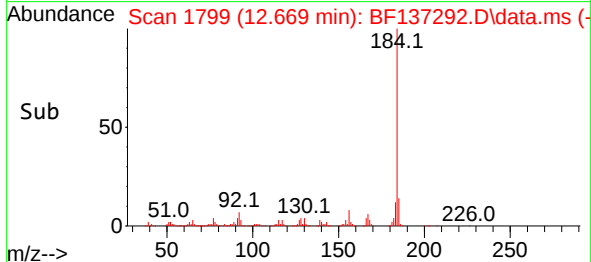
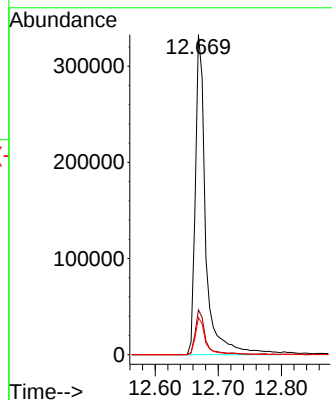
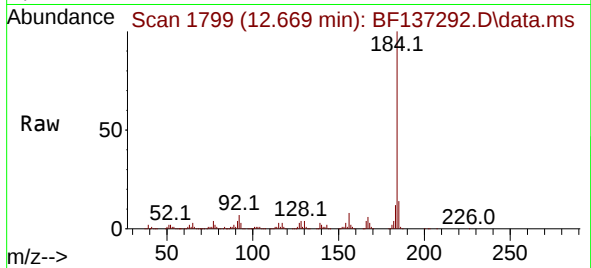




#77
Benzidine
Concen: 78.532 ng
RT: 12.669 min Scan# 1799
Delta R.T. 0.001 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

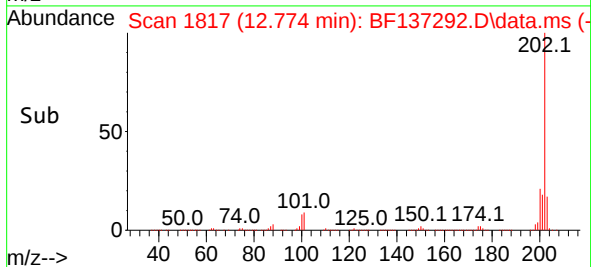
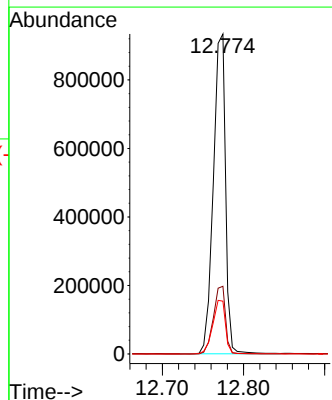
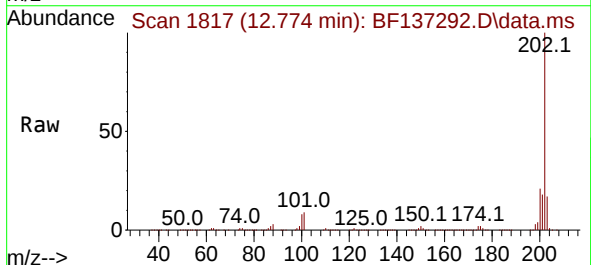
Instrument :
BNA_F
ClientSampleId :
PB158836BS

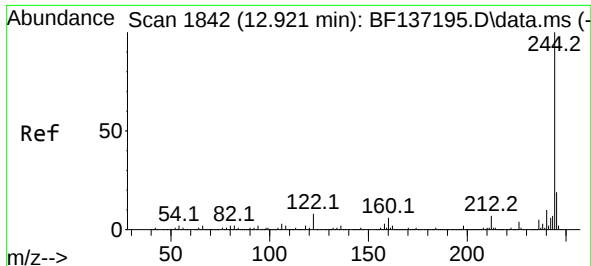
Tgt Ion:184 Resp: 382280
Ion Ratio Lower Upper
184 100
185 14.0 11.9 17.9
183 11.6 8.8 13.2



#78
Pyrene
Concen: 37.211 ng
RT: 12.774 min Scan# 1817
Delta R.T. 0.006 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

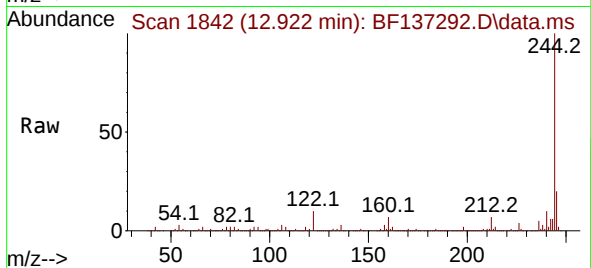
Tgt Ion:202 Resp: 972122
Ion Ratio Lower Upper
202 100
200 21.1 16.5 24.7
203 16.5 13.8 20.6



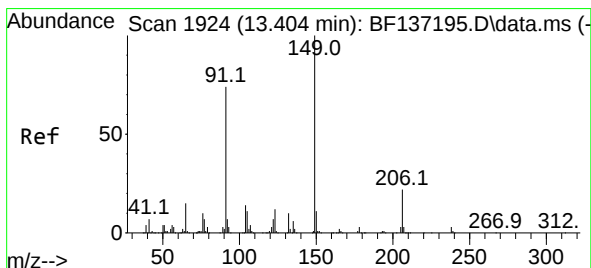
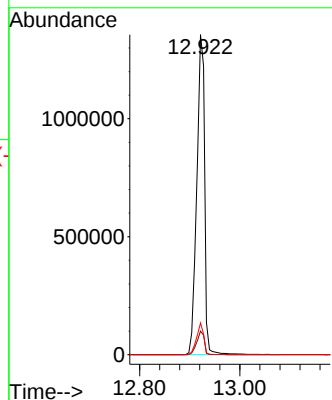
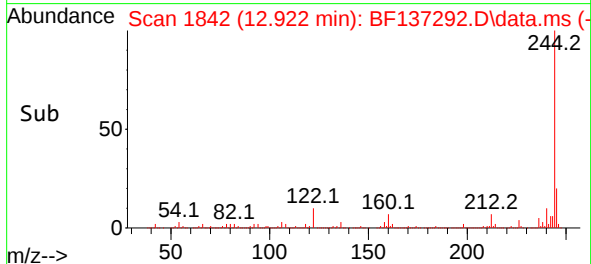


#79
 Terphenyl-d14
 Concen: 73.357 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF137292.D
 Acq: 06 Feb 2024 15:20

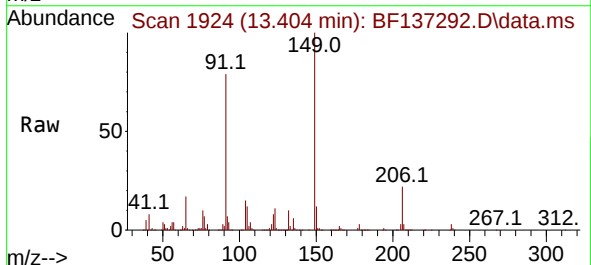
Instrument :
 BNA_F
 ClientSampleId :
 PB158836BS



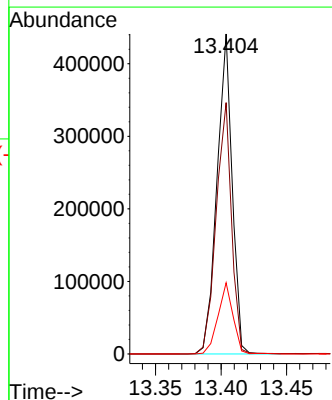
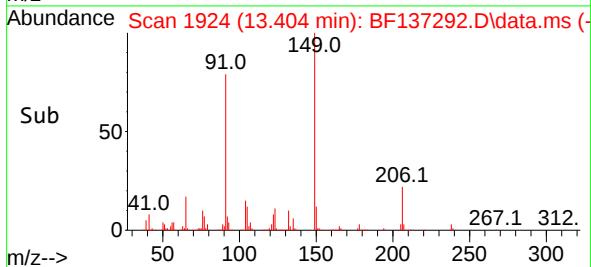
Tgt Ion:244 Resp: 1466910
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.5 8.3
 122 9.9 6.2 9.4#

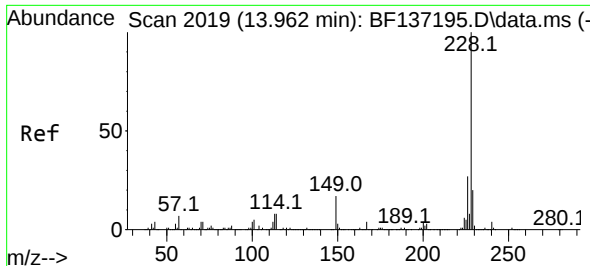


#80
 Butylbenzylphthalate
 Concen: 53.124 ng
 RT: 13.404 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: BF137292.D
 Acq: 06 Feb 2024 15:20



Tgt Ion:149 Resp: 355022
 Ion Ratio Lower Upper
 149 100
 91 78.6 58.8 88.2
 206 22.3 17.7 26.5

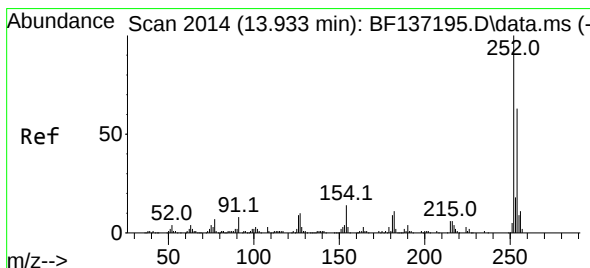
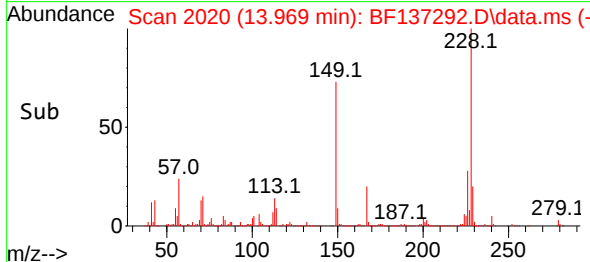
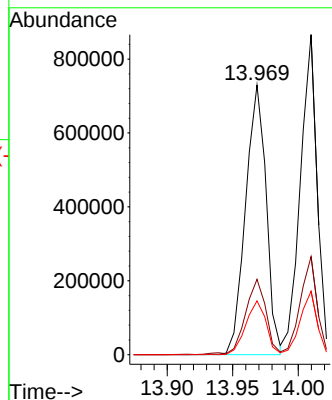
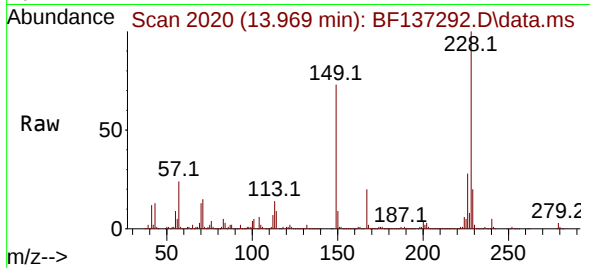




#81
Benzo(a)anthracene
Concen: 41.420 ng
RT: 13.969 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

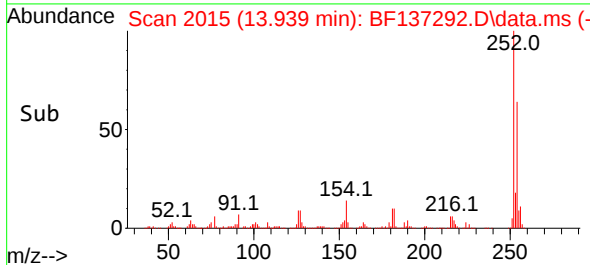
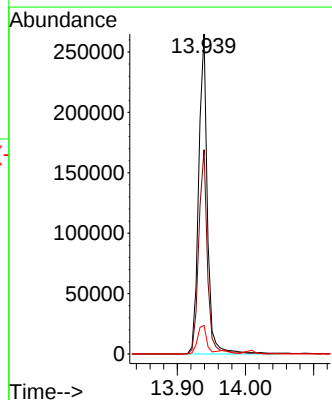
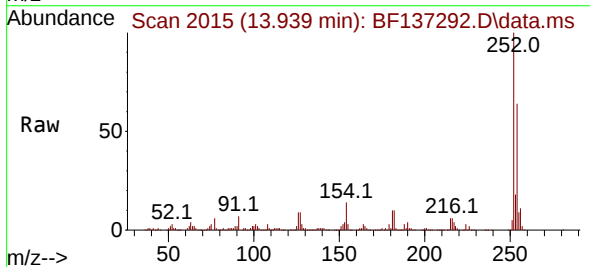
Instrument :
BNA_F
ClientSampleId :
PB158836BS

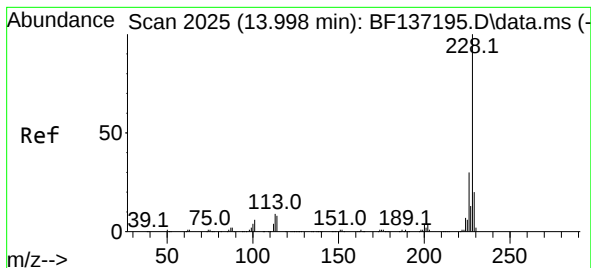
Tgt Ion:228 Resp: 797435
Ion Ratio Lower Upper
228 100
226 27.9 21.6 32.4
229 19.9 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 45.012 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

Tgt Ion:252 Resp: 236099
Ion Ratio Lower Upper
252 100
254 63.8 50.2 75.2
126 8.9 7.0 10.6





#83

Chrysene

Concen: 41.952 ng

RT: 14.010 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF137292.D

Acq: 06 Feb 2024 15:20

Instrument :

BNA_F

ClientSampleId :

PB158836BS

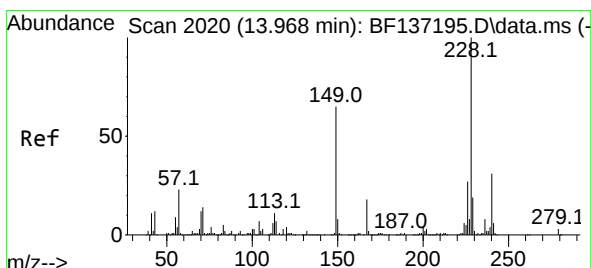
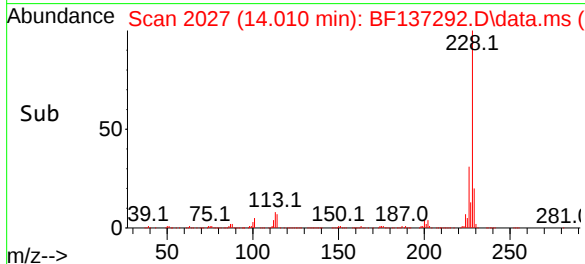
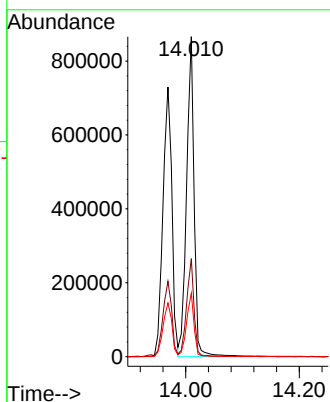
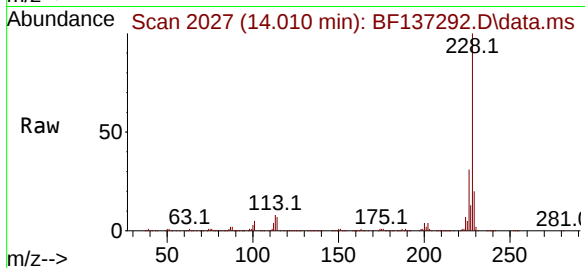
Tgt Ion:228 Resp: 794044

Ion Ratio Lower Upper

228 100

226 30.7 23.7 35.5

229 19.9 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.071 ng

RT: 13.969 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF137292.D

Acq: 06 Feb 2024 15:20

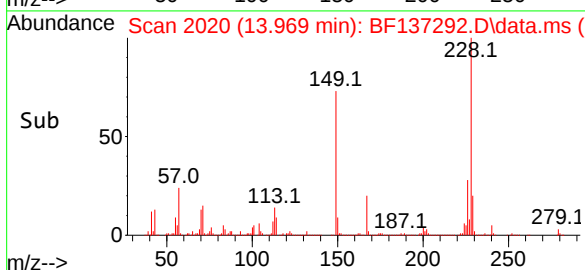
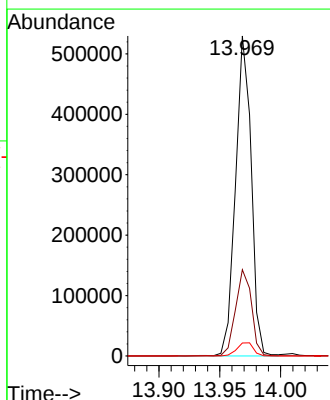
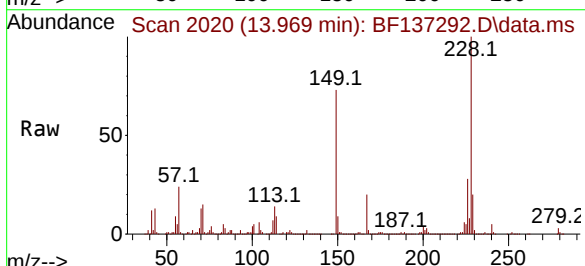
Tgt Ion:149 Resp: 474831

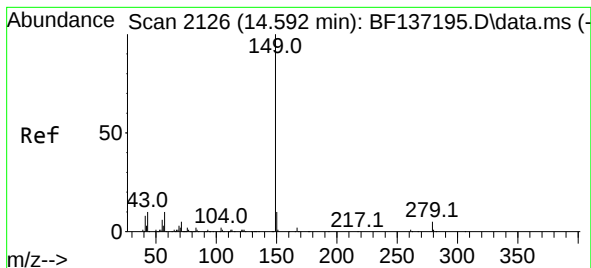
Ion Ratio Lower Upper

149 100

167 27.0 21.7 32.5

279 4.1 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 62.143 ng

RT: 14.592 min Scan# 2126

Delta R.T. 0.000 min

Lab File: BF137292.D

Acq: 06 Feb 2024 15:20

Instrument :

BNA_F

ClientSampleId :

PB158836BS

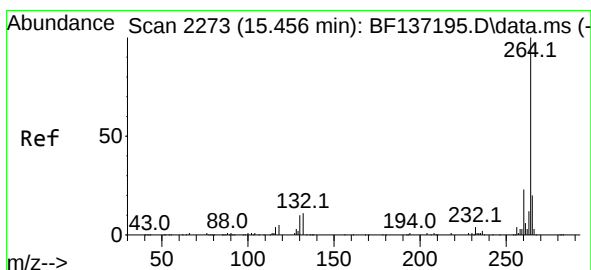
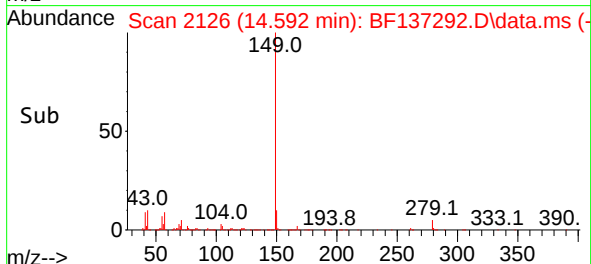
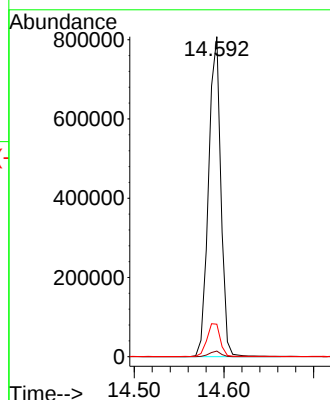
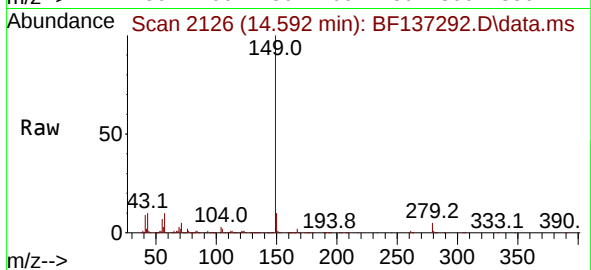
Tgt Ion:149 Resp: 768239

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 11.2 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2274

Delta R.T. 0.006 min

Lab File: BF137292.D

Acq: 06 Feb 2024 15:20

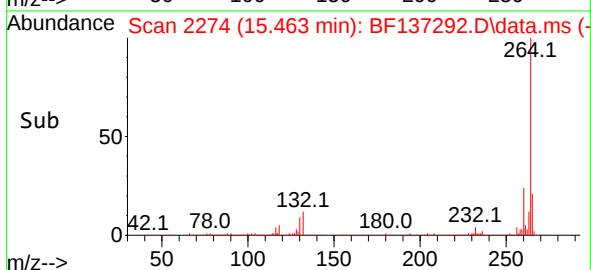
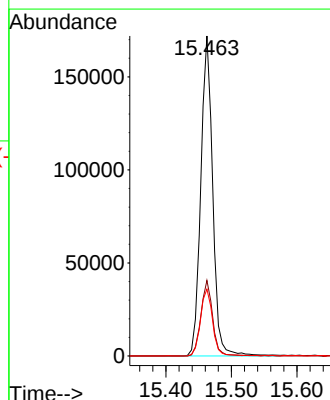
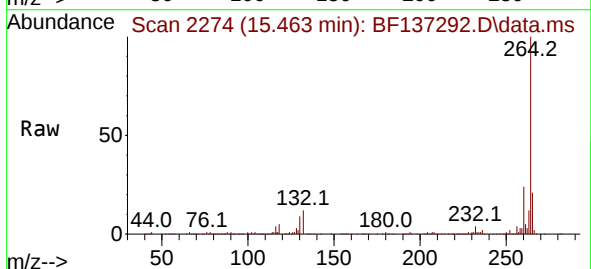
Tgt Ion:264 Resp: 218237

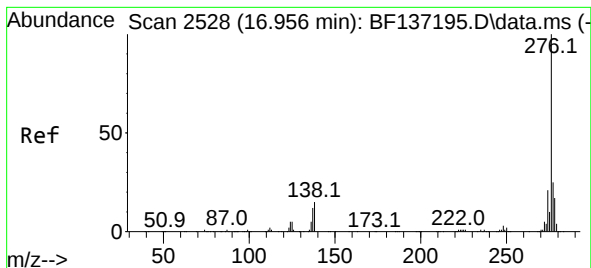
Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

265 20.9 16.2 24.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 33.404 ng

RT: 16.968 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF137292.D

Acq: 06 Feb 2024 15:20

Instrument :

BNA_F

ClientSampleId :

PB158836BS

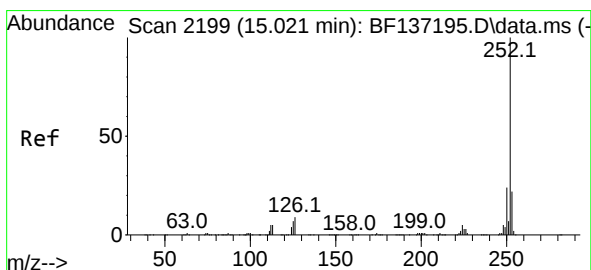
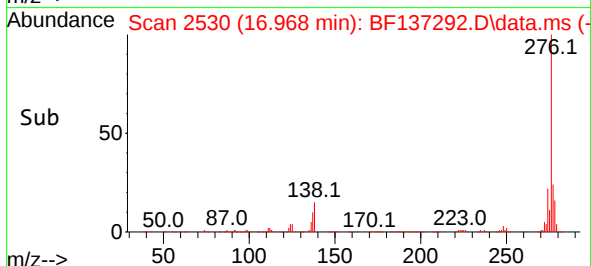
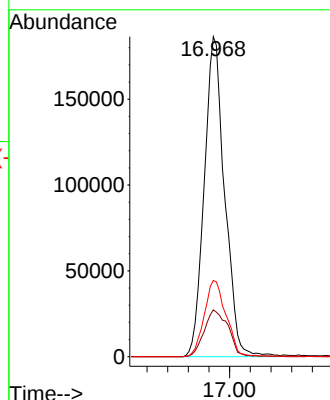
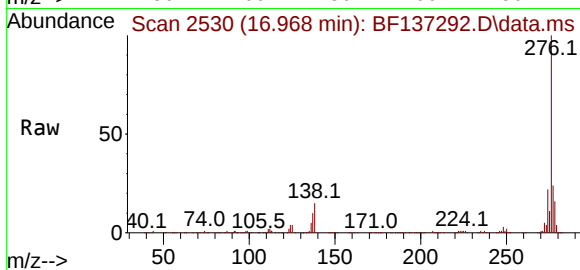
Tgt Ion:276 Resp: 512167

Ion Ratio Lower Upper

276 100

138 17.1 14.6 21.8

277 25.5 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 47.861 ng

RT: 15.027 min Scan# 2200

Delta R.T. 0.006 min

Lab File: BF137292.D

Acq: 06 Feb 2024 15:20

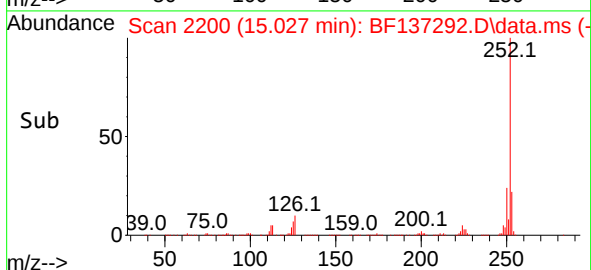
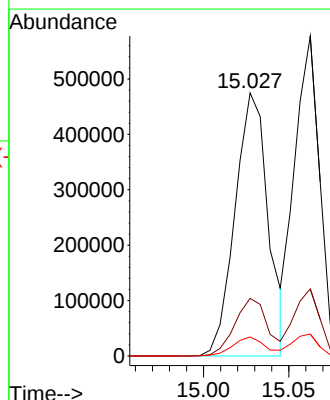
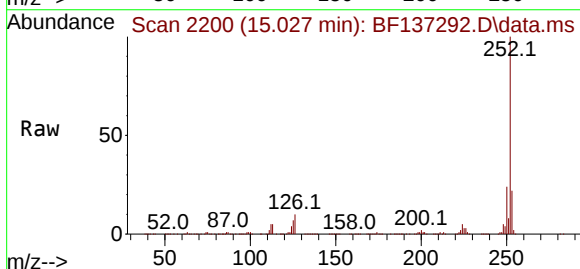
Tgt Ion:252 Resp: 642361

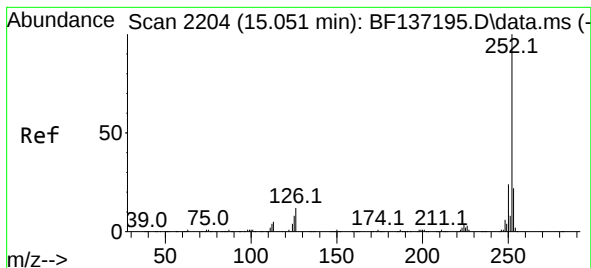
Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

125 7.3 5.4 8.2





#89

Benzo(k)fluoranthene

Concen: 43.019 ng

RT: 15.063 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF137292.D

Acq: 06 Feb 2024 15:20

Instrument :

BNA_F

ClientSampleId :

PB158836BS

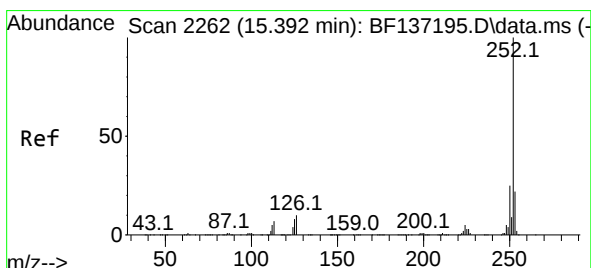
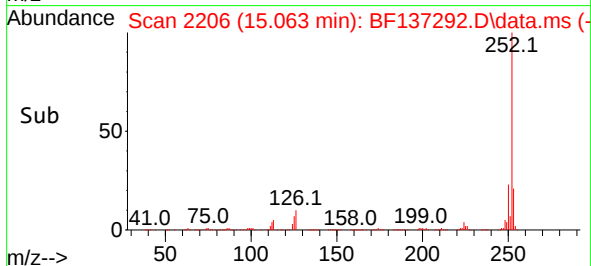
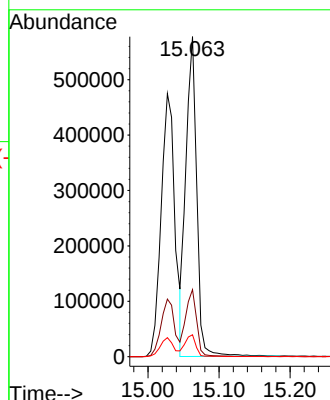
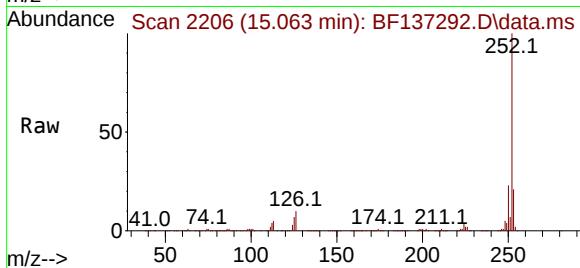
Tgt Ion:252 Resp: 610797

Ion Ratio Lower Upper

252 100

253 20.9 17.0 25.6

125 6.9 5.9 8.9



#90

Benzo(a)pyrene

Concen: 41.831 ng

RT: 15.404 min Scan# 2264

Delta R.T. 0.012 min

Lab File: BF137292.D

Acq: 06 Feb 2024 15:20

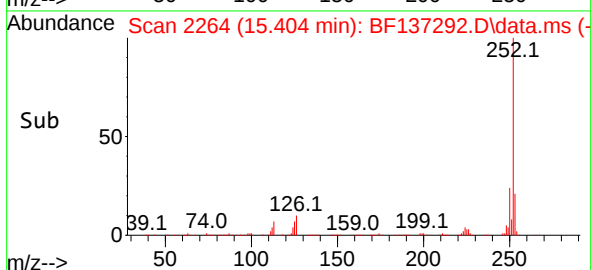
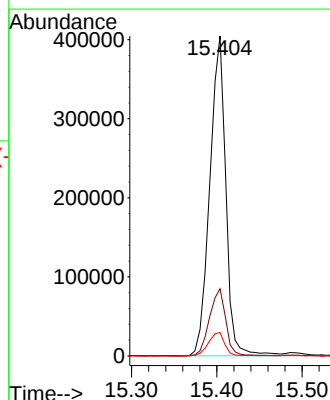
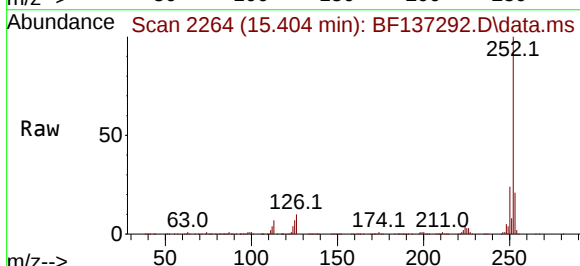
Tgt Ion:252 Resp: 528346

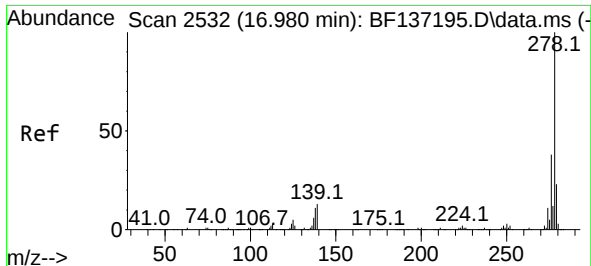
Ion Ratio Lower Upper

252 100

253 21.0 17.8 26.6

125 7.3 6.5 9.7

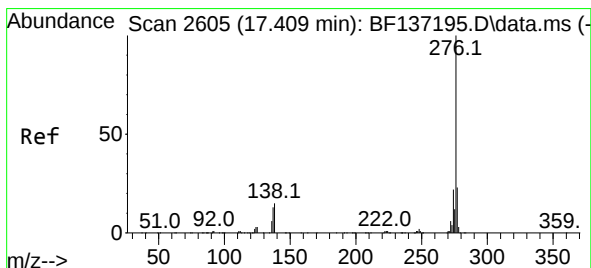
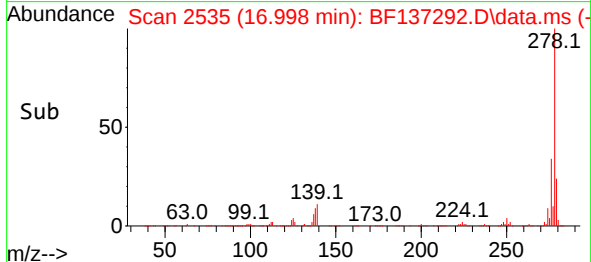
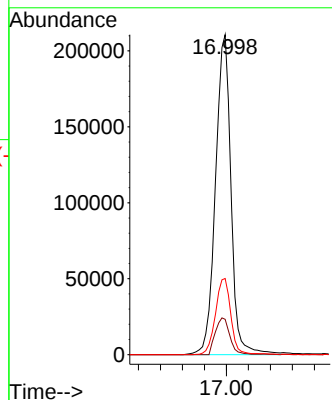
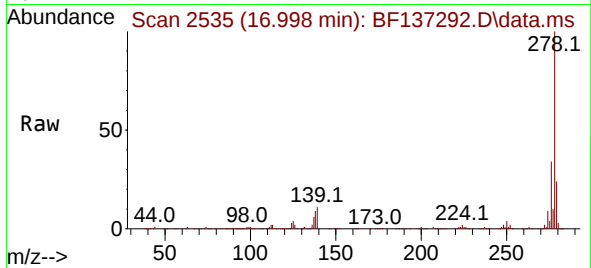




#91
Dibenzo(a,h)anthracene
Concen: 33.602 ng
RT: 16.998 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

Instrument :
BNA_F
ClientSampleId :
PB158836BS

Tgt Ion:278 Resp: 412810
Ion Ratio Lower Upper
278 100
139 11.0 10.0 15.0
279 23.8 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 32.447 ng
RT: 17.427 min Scan# 2608
Delta R.T. 0.018 min
Lab File: BF137292.D
Acq: 06 Feb 2024 15:20

Tgt Ion:276 Resp: 391236
Ion Ratio Lower Upper
276 100
277 22.8 18.4 27.6
138 14.6 11.8 17.8

