

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011024\
 Data File : BF137015.D
 Acq On : 10 Jan 2024 12:32
 Operator : CG\JU
 Sample : PB158346BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158346BS

Quant Time: Jan 10 12:51:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	74004	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	296882	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	155878	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	309844	20.000	ng	0.00
76) Chrysene-d12	13.980	240	178506	20.000	ng	# 0.01
86) Perylene-d12	15.462	264	135151	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	541216	114.109	ng	0.02
7) Phenol-d6	6.445	99	685072	111.471	ng	0.00
23) Nitrobenzene-d5	7.351	82	413066	71.197	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	215610	117.447	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	854736	73.750	ng	0.00
79) Terphenyl-d14	12.915	244	1005959	78.753	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	65945	33.369	ng	98
3) Pyridine	3.404	79	154503	32.043	ng	96
4) n-Nitrosodimethylamine	3.369	42	90246	35.048	ng	97
6) Aniline	6.457	93	205467	33.439	ng	# 9
8) 2-Chlorophenol	6.581	128	210867	40.626	ng	92
9) Benzaldehyde	6.339	77	74675	21.362	ng	96
10) Phenol	6.457	94	251851	38.388	ng	94
11) bis(2-Chloroethyl)ether	6.528	93	192223	38.527	ng	95
12) 1,3-Dichlorobenzene	6.728	146	211218	37.303	ng	96
13) 1,4-Dichlorobenzene	6.804	146	213009	36.818	ng	98
14) 1,2-Dichlorobenzene	6.951	146	205329	38.141	ng	99
15) Benzyl Alcohol	6.939	79	165290	39.866	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.063	45	302434	37.076	ng	74
17) 2-Methylphenol	7.057	107	171366	39.854	ng	# 93
18) Hexachloroethane	7.286	117	76383	36.354	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	143204	38.439	ng	96
20) 3+4-Methylphenols	7.210	107	218218	40.622	ng	# 54
22) Acetophenone	7.198	105	294541	39.582	ng	# 89
24) Nitrobenzene	7.375	77	212208	36.513	ng	95
25) Isophorone	7.610	82	398283	37.727	ng	98
26) 2-Nitrophenol	7.686	139	111716	40.176	ng	99
27) 2,4-Dimethylphenol	7.728	122	188762	55.760	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	245144	38.202	ng	99
29) 2,4-Dichlorophenol	7.933	162	175979	40.378	ng	96
30) 1,2,4-Trichlorobenzene	8.004	180	181312	37.338	ng	98
31) Naphthalene	8.086	128	609454	37.367	ng	100
32) Benzoic acid	7.886	122	125321	38.260	ng	97
33) 4-Chloroaniline	8.139	127	126547	21.014	ng	96
34) Hexachlorobutadiene	8.198	225	103468	35.071	ng	97
35) Caprolactam	8.528	113	41224	28.672	ng	94
36) 4-Chloro-3-methylphenol	8.639	107	194463	39.634	ng	99
37) 2-Methylnaphthalene	8.780	142	399832	38.092	ng	99
38) 1-Methylnaphthalene	8.875	142	372113	36.134	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	191129	39.592	ng	99
41) Hexachlorocyclopentadiene	8.927	237	112036	73.230	ng	97
43) 2,4,6-Trichlorophenol	9.069	196	125053	40.393	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011024\
 Data File : BF137015.D
 Acq On : 10 Jan 2024 12:32
 Operator : CG\JU
 Sample : PB158346BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

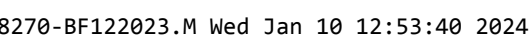
Instrument :
 BNA_F
 ClientSampleId :
 PB158346BS

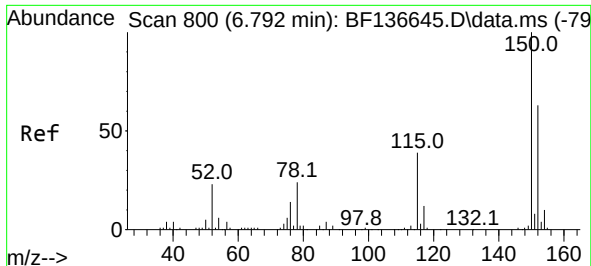
Quant Time: Jan 10 12:51:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	133836	38.793	ng	99
46) 1,1'-Biphenyl	9.245	154	516958	39.521	ng	99
47) 2-Chloronaphthalene	9.269	162	378069	38.020	ng	100
48) 2-Nitroaniline	9.375	65	126148	40.511	ng	98
49) Acenaphthylene	9.686	152	602118	39.615	ng	99
50) Dimethylphthalate	9.551	163	457212	40.157	ng	99
51) 2,6-Dinitrotoluene	9.622	165	102798	39.782	ng	99
52) Acenaphthene	9.857	154	370365	39.309	ng	98
53) 3-Nitroaniline	9.792	138	85145	31.106	ng	93
54) 2,4-Dinitrophenol	9.910	184	99579	70.022	ng	92
55) Dibenzofuran	10.033	168	551735	38.631	ng	98
56) 4-Nitrophenol	9.980	139	118117	63.922	ng	96
57) 2,4-Dinitrotoluene	10.033	165	128686	38.362	ng	96
58) Fluorene	10.374	166	456752	40.305	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	117243	44.147	ng	95
60) Diethylphthalate	10.251	149	464119	39.288	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	217706	39.524	ng	94
62) 4-Nitroaniline	10.416	138	102629	38.893	ng	93
63) Azobenzene	10.527	77	427015	38.701	ng	98
65) 4,6-Dinitro-2-methylph...	10.445	198	72913	41.061	ng	95
66) n-Nitrosodiphenylamine	10.492	169	409851	40.720	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	134929	39.212	ng	98
68) Hexachlorobenzene	10.927	284	151864	39.602	ng	99
69) Atrazine	11.033	200	187735	72.925	ng	99
70) Pentachlorophenol	11.133	266	134863	75.451	ng	97
71) Phenanthrene	11.345	178	664610	41.804	ng	99
72) Anthracene	11.398	178	662555	41.151	ng	99
73) Carbazole	11.557	167	619671	40.821	ng	99
74) Di-n-butylphthalate	11.880	149	774392	41.806	ng	99
75) Fluoranthene	12.539	202	697217	40.999	ng	96
77) Benzidine	12.663	184	131605	25.004	ng	99
78) Pyrene	12.768	202	696798	39.764	ng	99
80) Butylbenzylphthalate	13.392	149	281139	44.092	ng	98
81) Benzo(a)anthracene	13.968	228	511701	41.282	ng	98
82) 3,3'-Dichlorobenzidine	13.927	252	134013	38.070	ng	98
83) Chrysene	14.004	228	471156	38.870	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	391161	48.758	ng	97
85) Di-n-octyl phthalate	14.568	149	552705	44.538	ng	98
87) Indeno(1,2,3-cd)pyrene	16.992	276	432450	44.317	ng	99
88) Benzo(b)fluoranthene	15.027	252	403758	44.729	ng	97
89) Benzo(k)fluoranthene	15.062	252	365520	42.853	ng	98
90) Benzo(a)pyrene	15.404	252	333286	43.740	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	366179	45.741	ng	98
92) Benzo(g,h,i)perylene	17.456	276	366231	44.666	ng	99

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

Quant Time: Jan 10 12:51:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

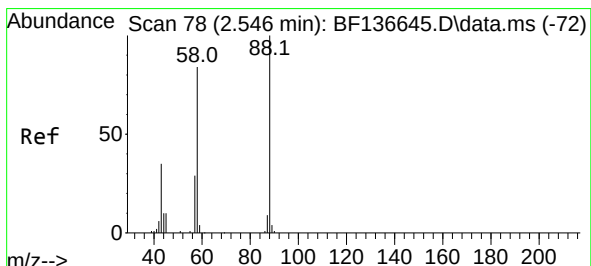
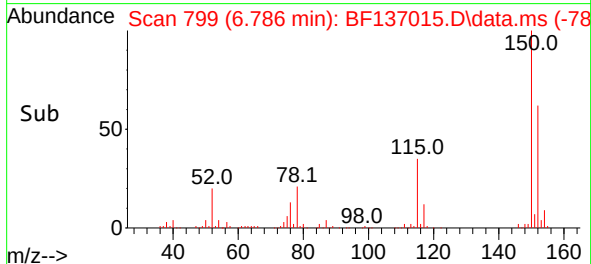
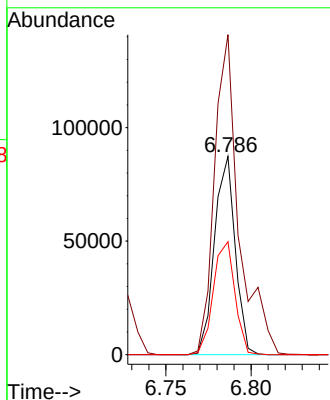
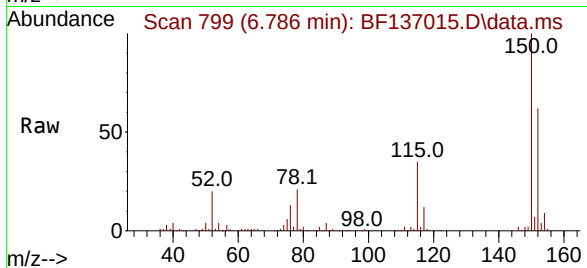




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.786 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF137015.D
 Acq: 10 Jan 2024 12:32

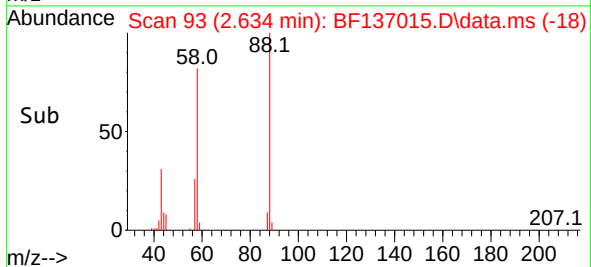
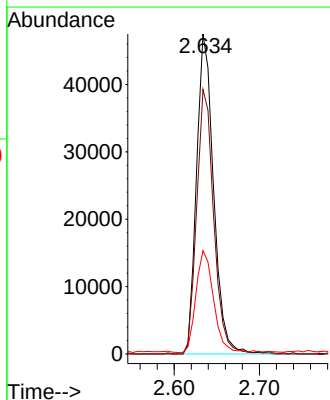
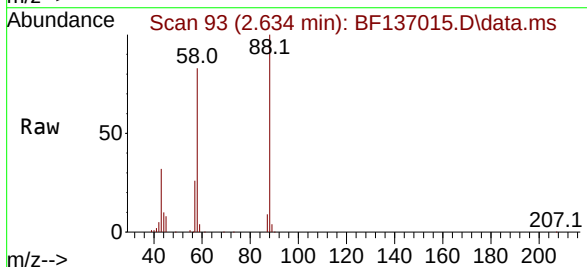
Instrument :
 BNA_F
 ClientSampleId :
 PB158346BS

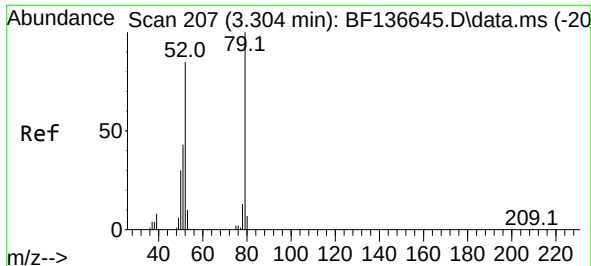
Tgt Ion:152 Resp: 74004
 Ion Ratio Lower Upper
 152 100
 150 161.5 127.0 190.6
 115 57.0 49.0 73.4



#2
 1,4-Dioxane
 Concen: 33.369 ng
 RT: 2.634 min Scan# 93
 Delta R.T. 0.088 min
 Lab File: BF137015.D
 Acq: 10 Jan 2024 12:32

Tgt Ion: 88 Resp: 65945
 Ion Ratio Lower Upper
 88 100
 58 82.7 67.4 101.0
 43 32.8 27.7 41.5

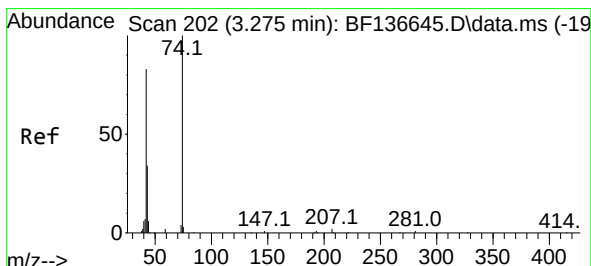
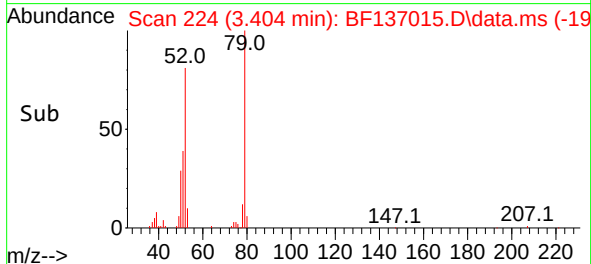
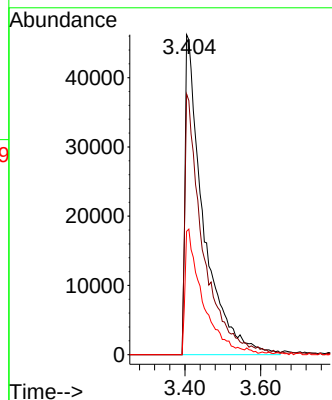
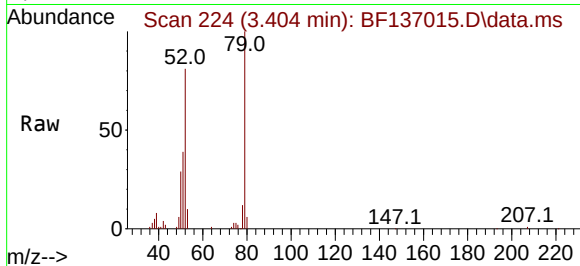




#3
Pyridine
Concen: 32.043 ng
RT: 3.404 min Scan# 218
Delta R.T. 0.100 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

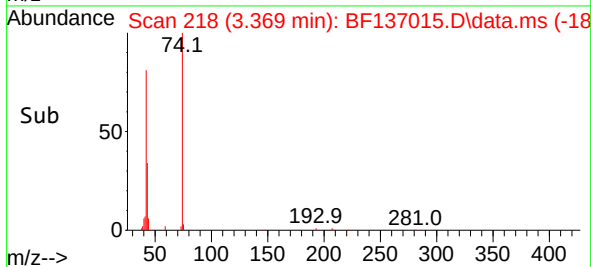
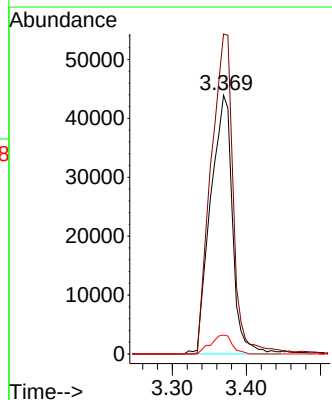
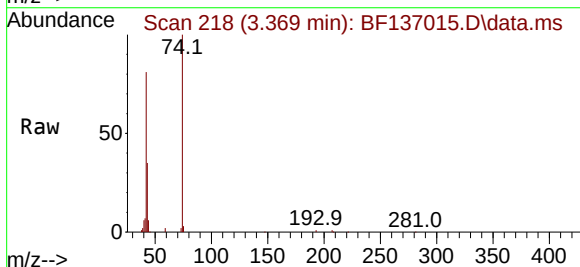
Instrument :
BNA_F
ClientSampleId :
PB158346BS

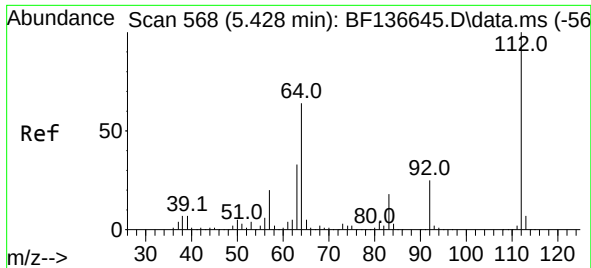
Tgt Ion: 79 Resp: 154503
Ion Ratio Lower Upper
79 100
52 81.4 67.7 101.5
51 38.6 34.0 51.0



#4
n-Nitrosodimethylamine
Concen: 35.048 ng
RT: 3.369 min Scan# 218
Delta R.T. 0.094 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Tgt Ion: 42 Resp: 90246
Ion Ratio Lower Upper
42 100
74 123.6 96.0 144.0
44 7.3 5.4 8.2

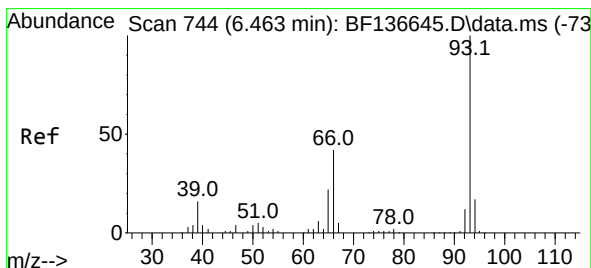
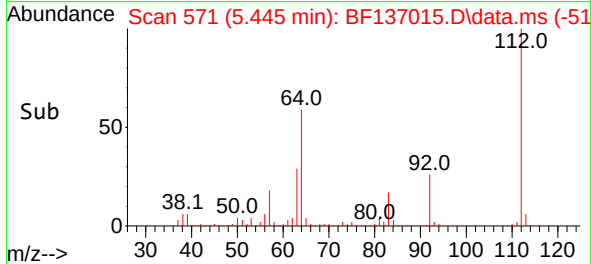
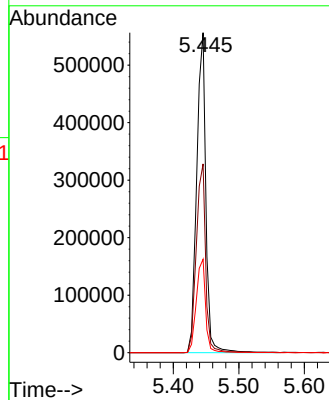
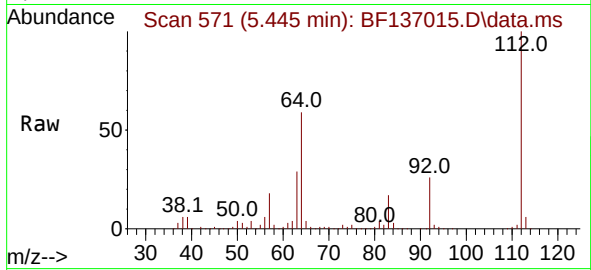




#5
2-Fluorophenol
Concen: 114.109 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

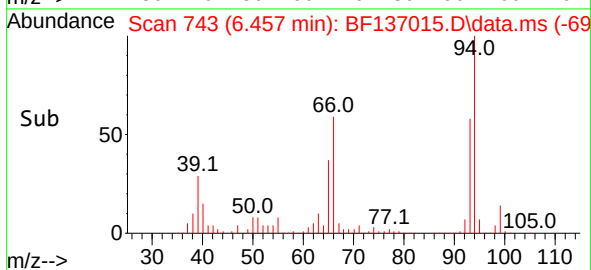
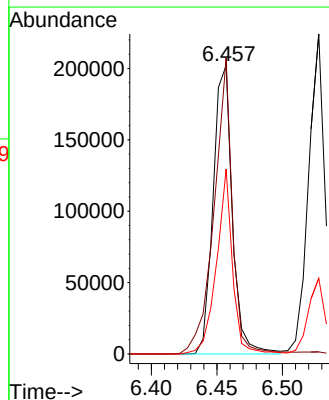
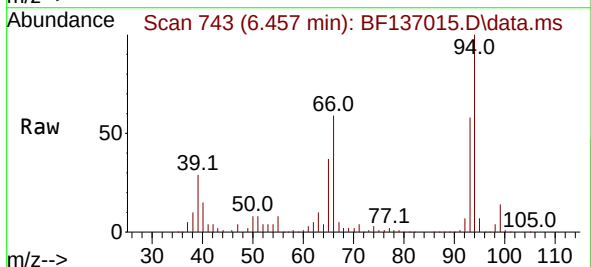
Instrument :
BNA_F
ClientSampleId :
PB158346BS

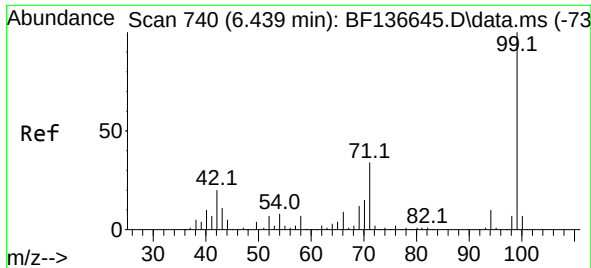
Tgt Ion:112 Resp: 541216
Ion Ratio Lower Upper
112 100
64 59.0 51.1 76.7
63 29.2 26.1 39.1



#6
Aniline
Concen: 33.439 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Tgt Ion: 93 Resp: 205467
Ion Ratio Lower Upper
93 100
66 102.6 34.6 51.8#
65 64.1 17.8 26.8#





#7

Phenol-d6

Concen: 111.471 ng

RT: 6.445 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158346BS

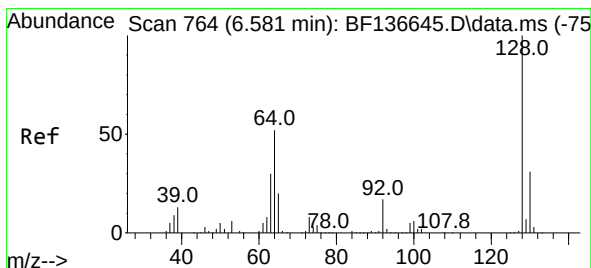
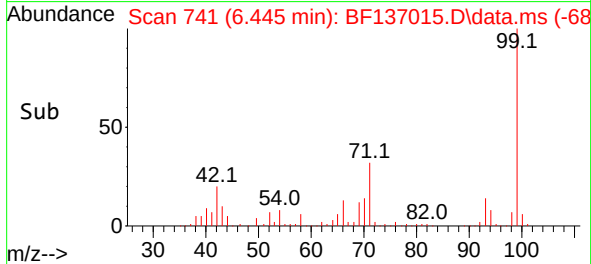
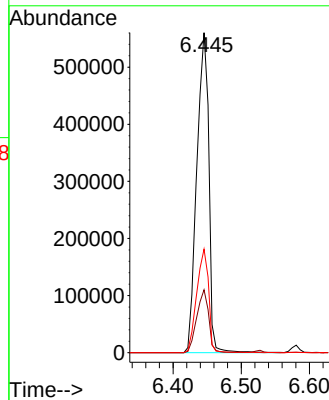
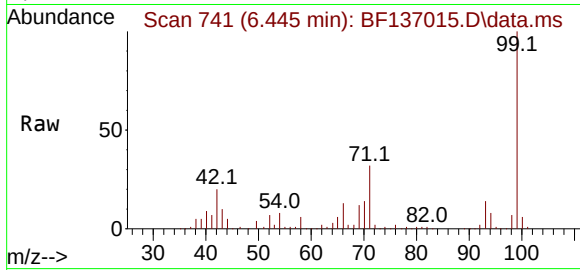
Tgt Ion: 99 Resp: 685072

Ion Ratio Lower Upper

99 100

42 19.7 16.1 24.1

71 32.3 27.4 41.2



#8

2-Chlorophenol

Concen: 40.626 ng

RT: 6.581 min Scan# 764

Delta R.T. 0.000 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

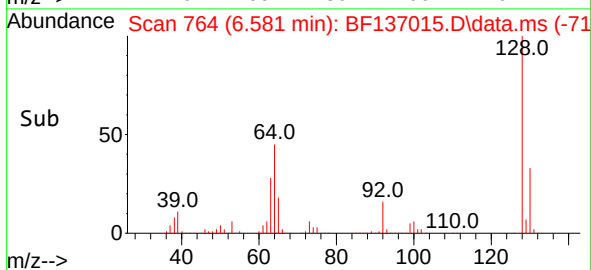
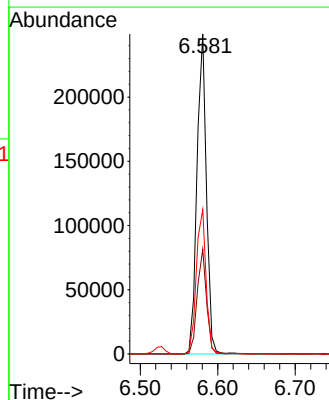
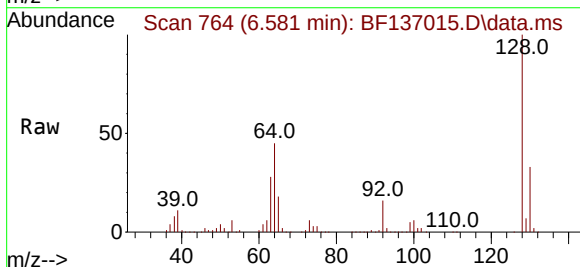
Tgt Ion:128 Resp: 210867

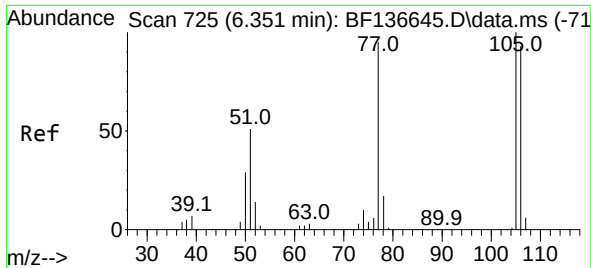
Ion Ratio Lower Upper

128 100

130 32.7 11.3 51.3

64 45.1 32.5 72.5

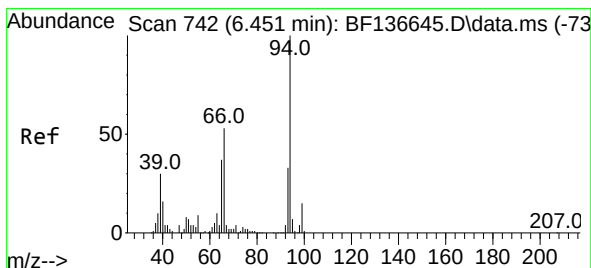
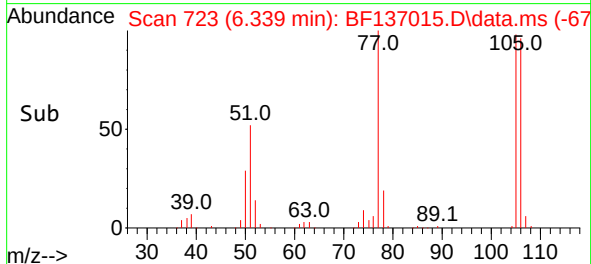
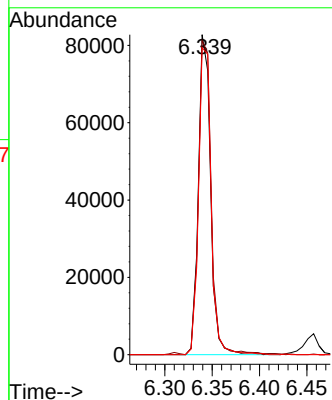
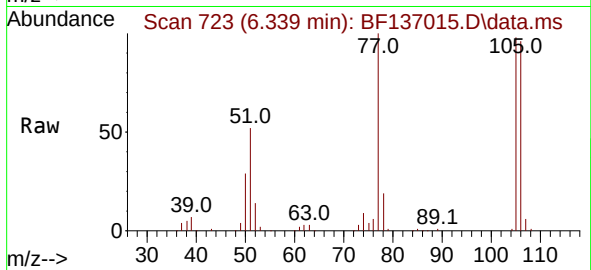




#9
Benzaldehyde
Concen: 21.362 ng
RT: 6.339 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

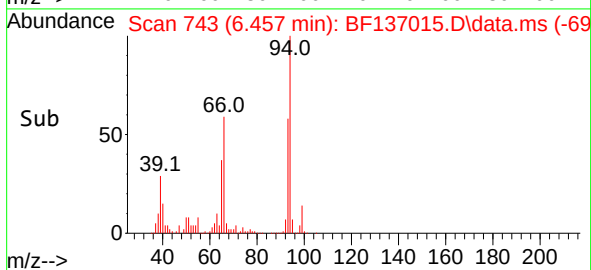
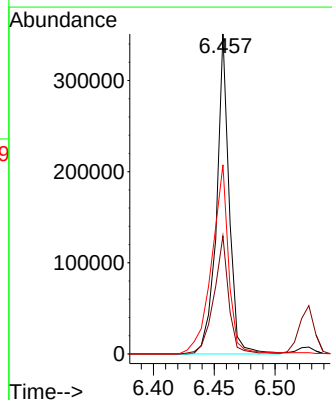
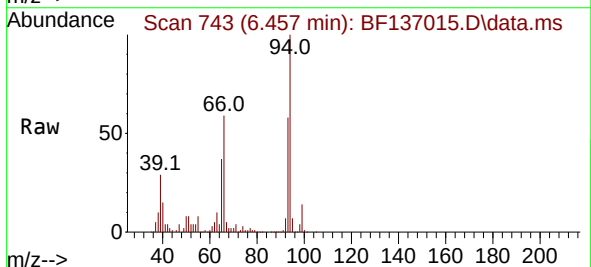
Instrument :
BNA_F
ClientSampleId :
PB158346BS

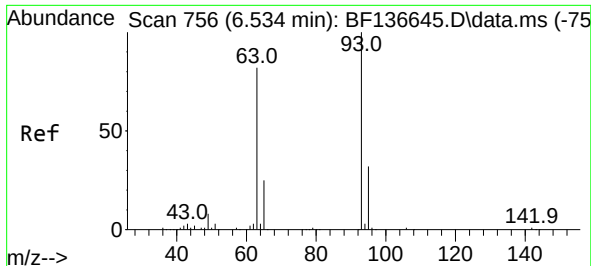
Tgt Ion:	77	Resp:	74675
Ion	Ratio	Lower	Upper
77	100		
105	98.1	84.8	124.8
106	96.0	77.8	117.8



#10
Phenol
Concen: 38.388 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Tgt Ion:	94	Resp:	251851
Ion	Ratio	Lower	Upper
94	100		
65	36.9	16.6	56.6
66	59.1	32.6	72.6

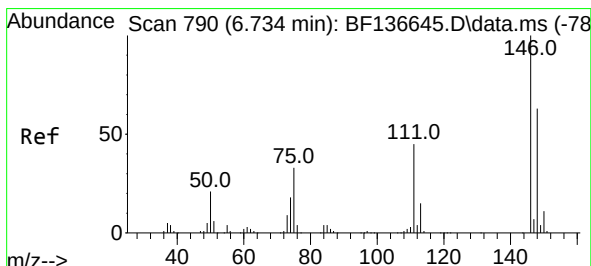
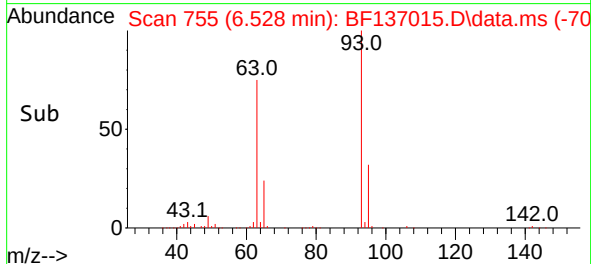
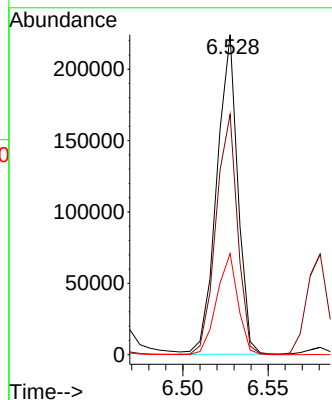
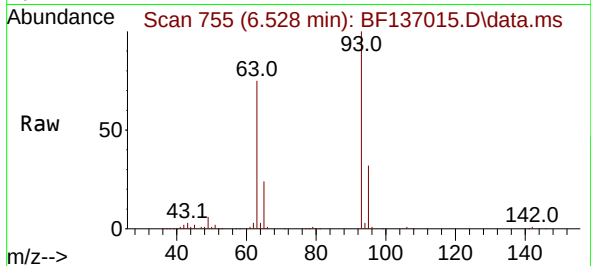




#11
bis(2-Chloroethyl)ether
Concen: 38.527 ng
RT: 6.528 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

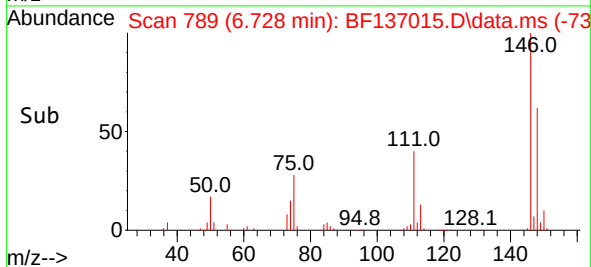
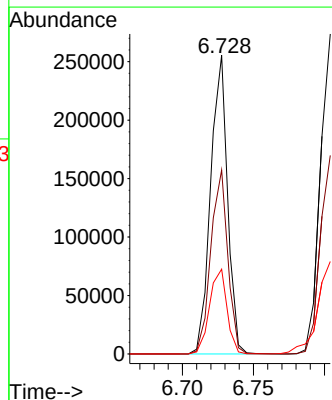
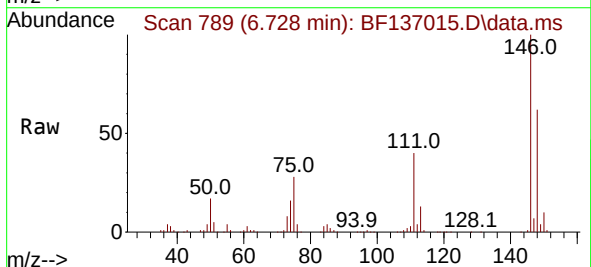
Instrument :
BNA_F
ClientSampleId :
PB158346BS

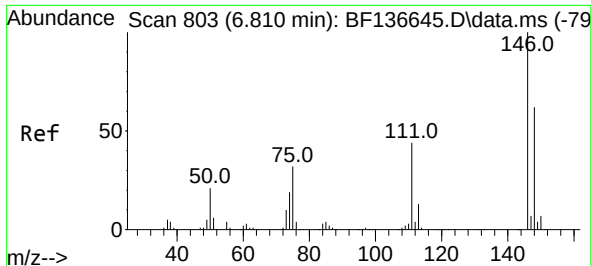
Tgt Ion: 93 Resp: 192223
Ion Ratio Lower Upper
93 100
63 75.1 61.2 101.2
95 31.6 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 37.303 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Tgt Ion: 146 Resp: 211218
Ion Ratio Lower Upper
146 100
148 61.6 50.5 75.7
75 28.4 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 36.818 ng

RT: 6.804 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158346BS

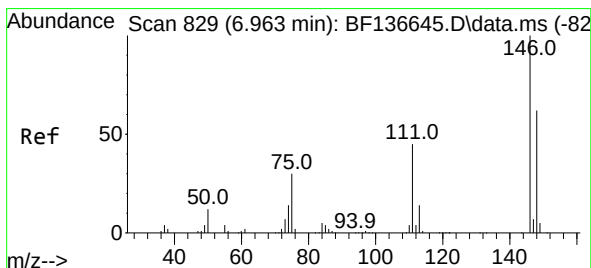
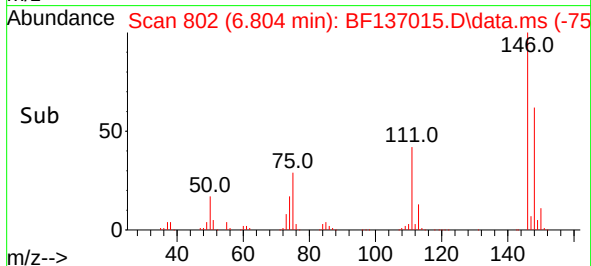
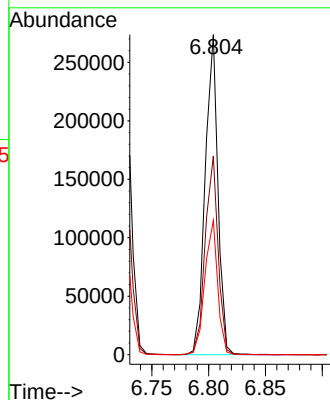
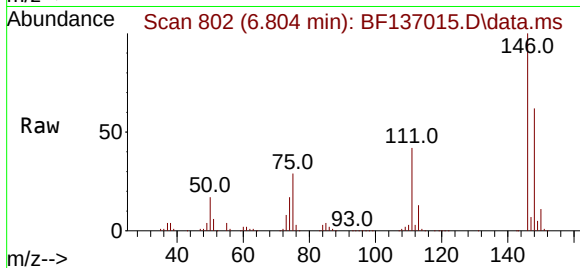
Tgt Ion:146 Resp: 213009

Ion Ratio Lower Upper

146 100

148 62.1 49.2 73.8

111 41.9 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 38.141 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

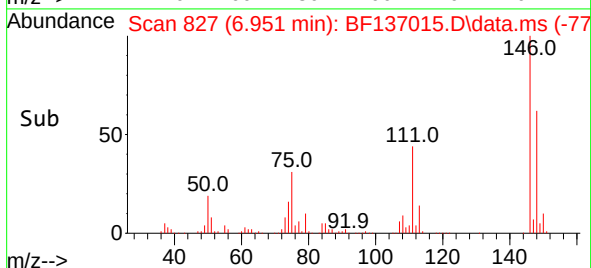
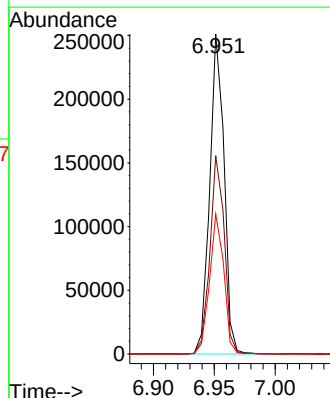
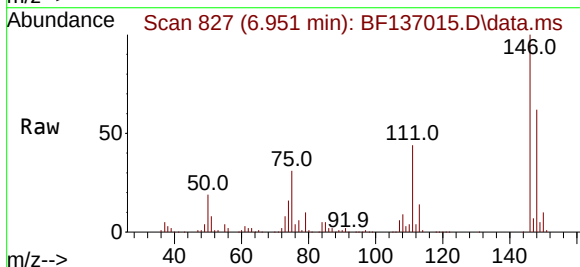
Tgt Ion:146 Resp: 205329

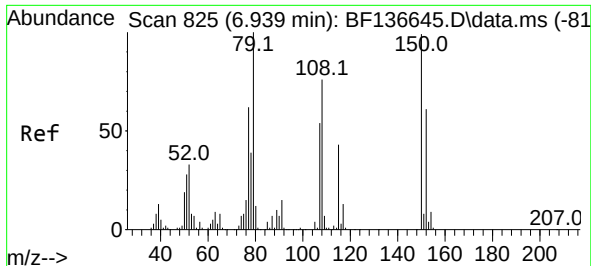
Ion Ratio Lower Upper

146 100

148 61.9 49.6 74.4

111 43.7 36.2 54.2

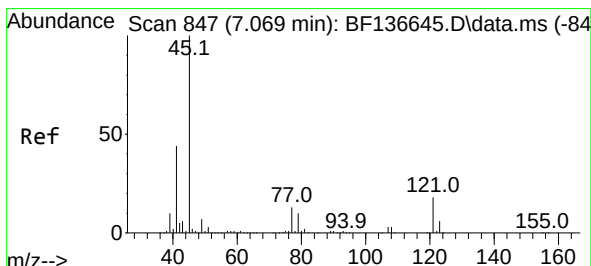
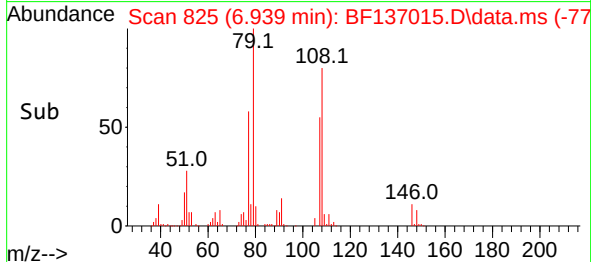
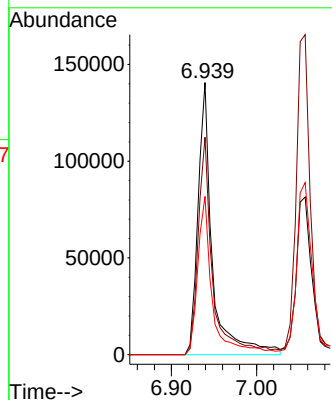
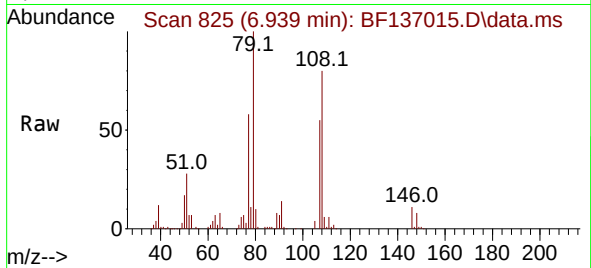




#15
Benzyl Alcohol
Concen: 39.866 ng
RT: 6.939 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

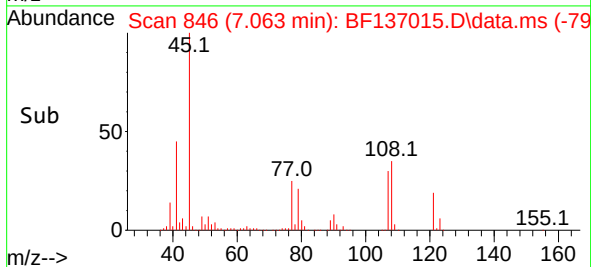
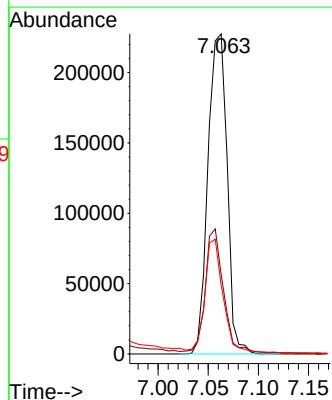
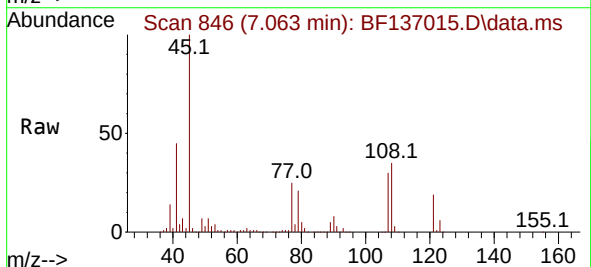
Instrument :
BNA_F
ClientSampleId :
PB158346BS

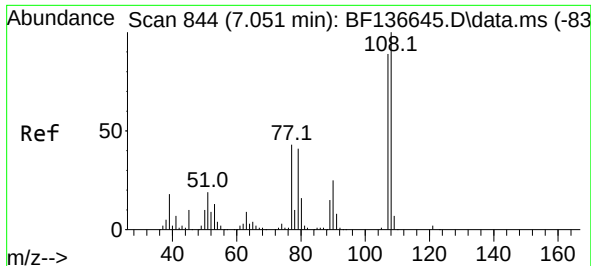
Tgt Ion: 79 Resp: 165290
Ion Ratio Lower Upper
79 100
108 79.9 61.0 91.6
77 58.2 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.076 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Tgt Ion: 45 Resp: 302434
Ion Ratio Lower Upper
45 100
77 24.8 0.0 34.3
79 21.5 0.0 31.4

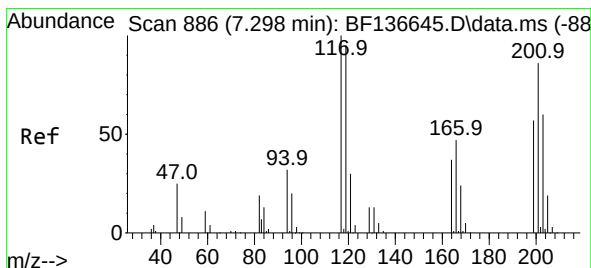
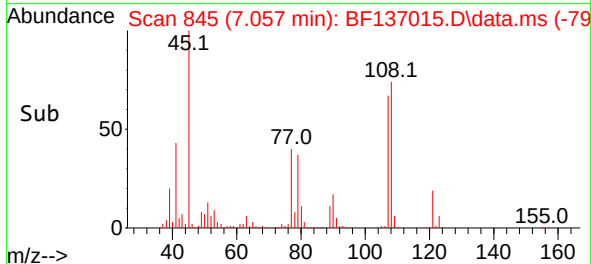
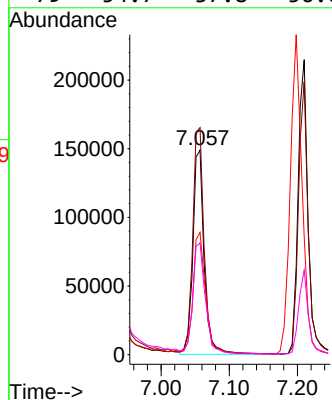
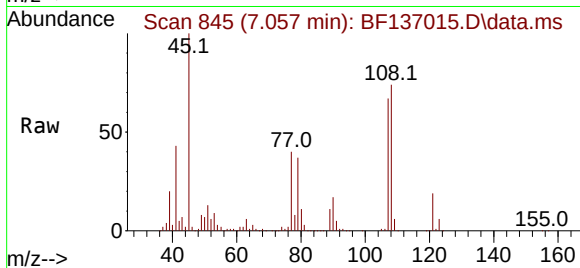




#17
2-Methylphenol
Concen: 39.854 ng
RT: 7.057 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

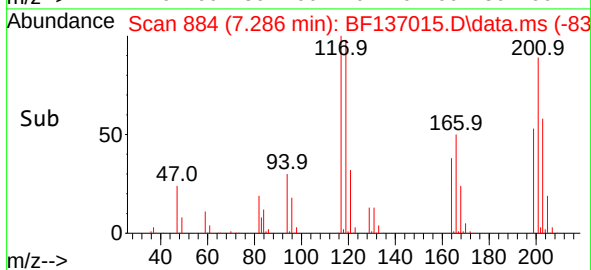
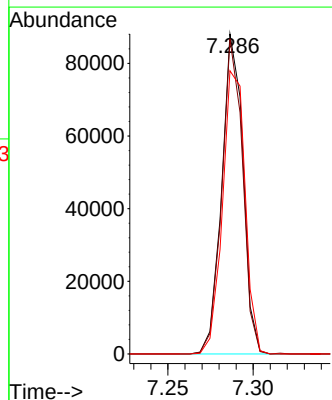
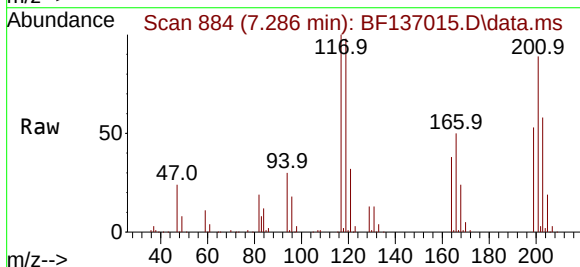
Instrument :
BNA_F
ClientSampleId :
PB158346BS

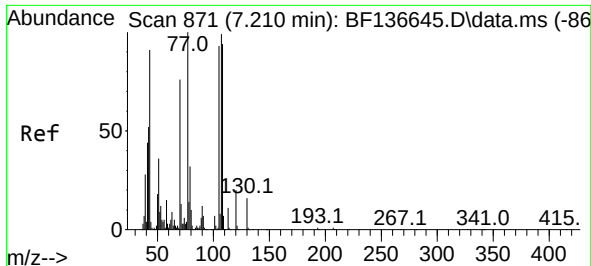
Tgt Ion:	107	Resp:	171366
Ion	Ratio	Lower	Upper
107	100		
108	111.0	90.3	135.5
77	59.7	38.7	58.1#
79	54.7	37.8	56.6



#18
Hexachloroethane
Concen: 36.354 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Tgt Ion:	117	Resp:	76383
Ion	Ratio	Lower	Upper
117	100		
119	98.5	75.8	113.6
201	88.5	69.1	103.7



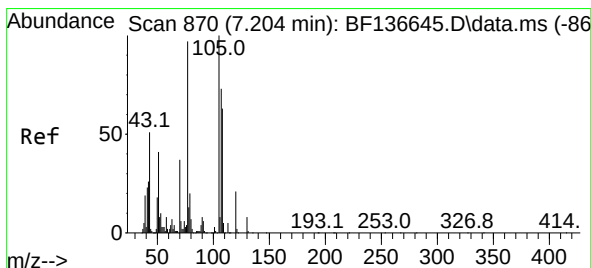
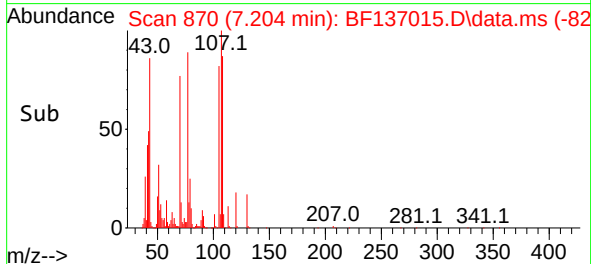
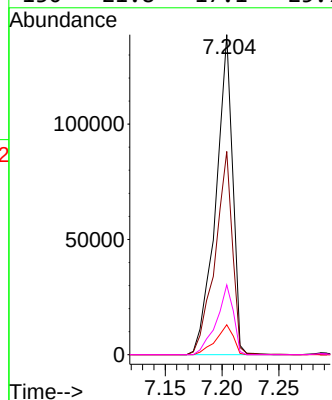
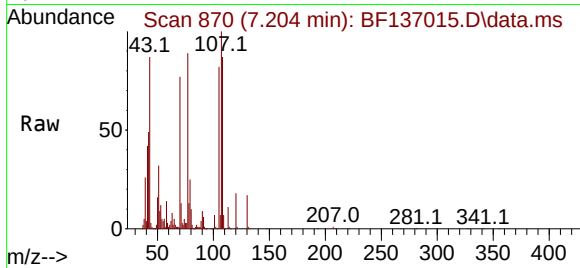


#19
n-Nitroso-di-n-propylamine
Concen: 38.439 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Instrument :
BNA_F
ClientSampleId :
PB158346BS

Tgt Ion: 70 Resp: 143204

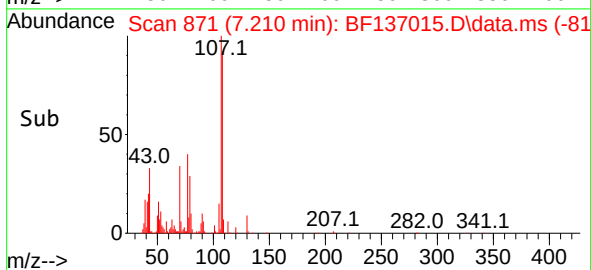
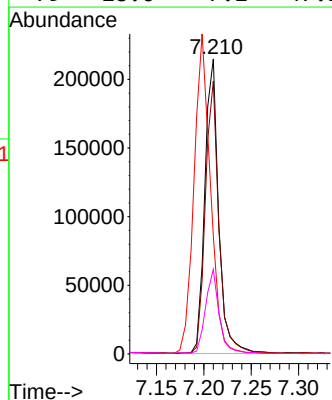
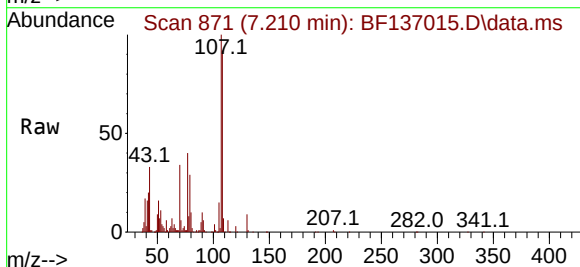
Ion	Ratio	Lower	Upper
70	100		
42	63.5	54.2	81.4
101	9.4	7.6	11.4
130	21.8	17.1	25.7

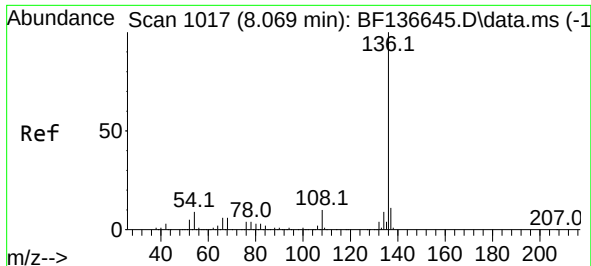


#20
3+4-Methylphenols
Concen: 40.622 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Tgt Ion: 107 Resp: 218218

Ion	Ratio	Lower	Upper
107	100		
108	92.5	66.0	106.0
77	40.0	114.2	154.2#
79	28.6	7.2	47.2

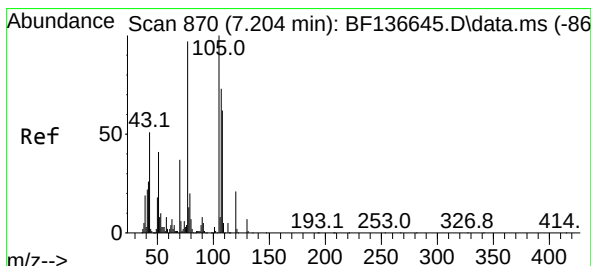
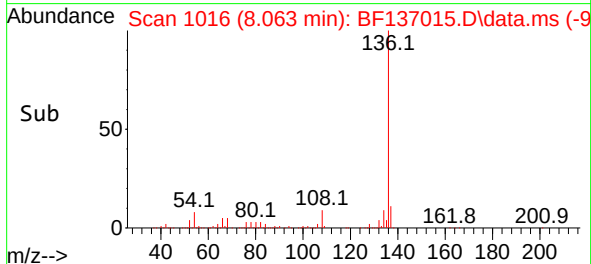
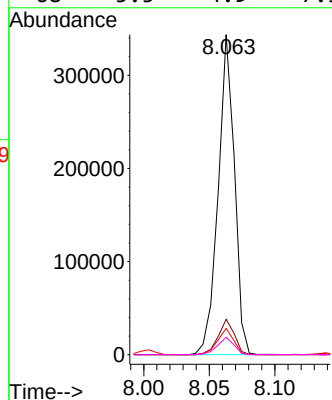
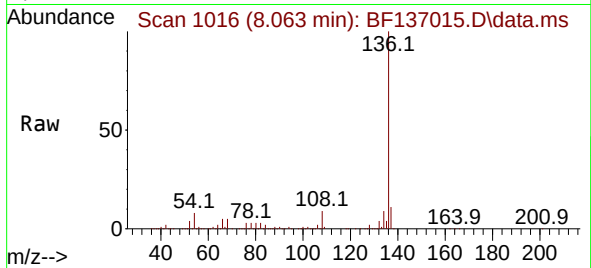




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

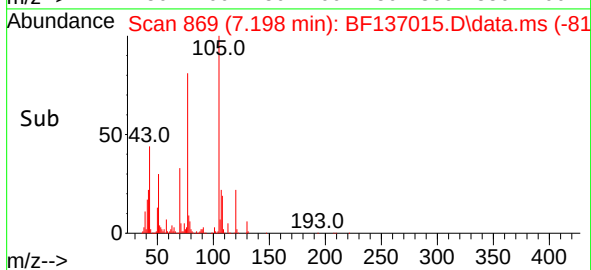
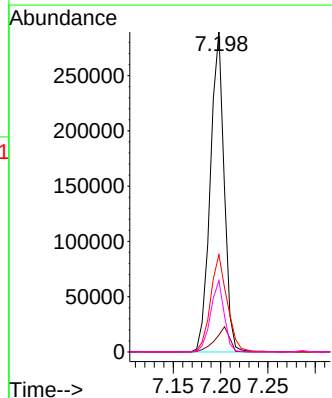
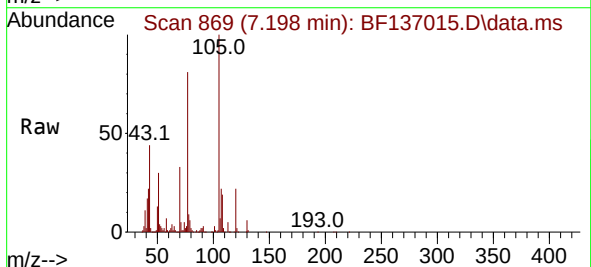
Instrument :
BNA_F
ClientSampleId :
PB158346BS

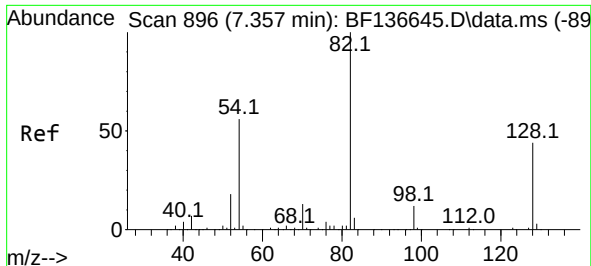
Tgt Ion:136	Resp: 296882
Ion Ratio	Lower Upper
136 100	
137 11.1	9.0 13.4
54 8.2	7.2 10.8
68 5.5	4.9 7.3



#22
Acetophenone
Concen: 39.582 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Tgt	Ion:105	Resp:	294541
Ion	Ratio	Lower	Upper
105	100		
71	5.3	4.8	7.2
51	30.4	32.8	49.2#
120	22.3	17.0	25.6





#23

Nitrobenzene-d5

Concen: 71.197 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158346BS

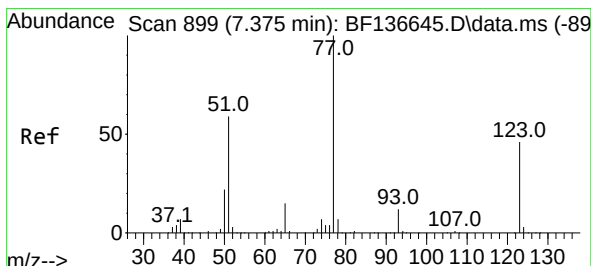
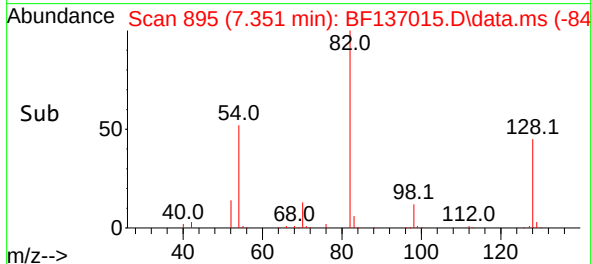
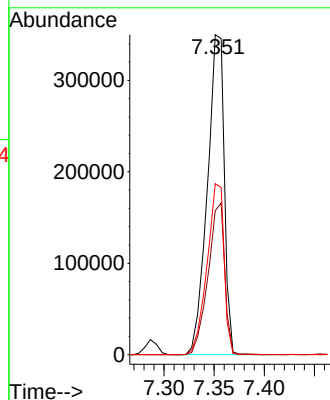
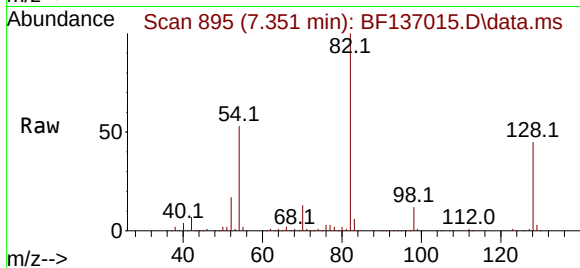
Tgt Ion: 82 Resp: 413066

Ion Ratio Lower Upper

82 100

128 44.9 35.3 52.9

54 53.5 44.5 66.7



#24

Nitrobenzene

Concen: 36.513 ng

RT: 7.375 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

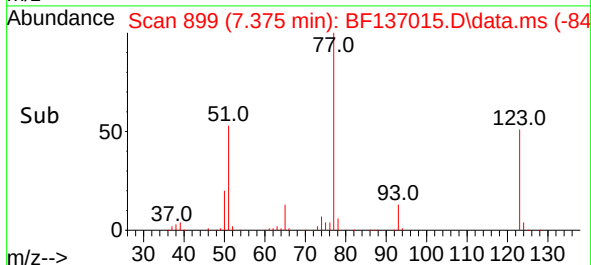
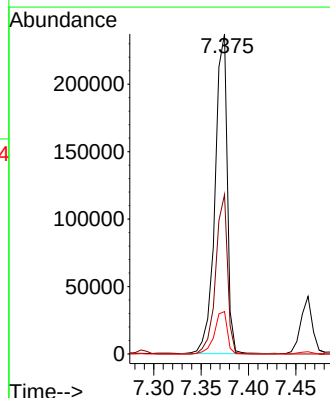
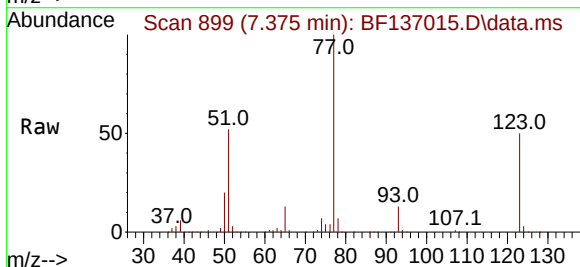
Tgt Ion: 77 Resp: 212208

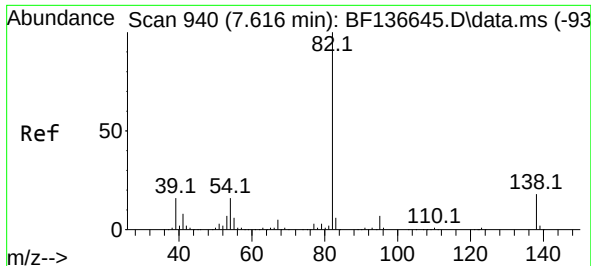
Ion Ratio Lower Upper

77 100

123 49.8 36.7 55.1

65 13.3 11.8 17.6

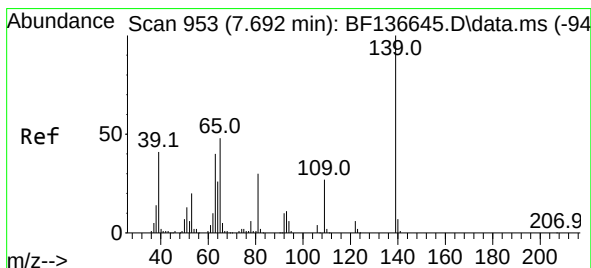
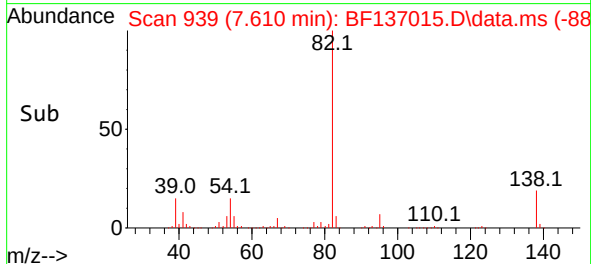
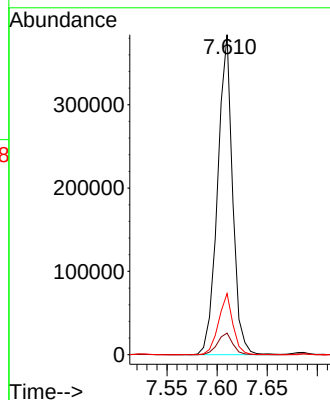
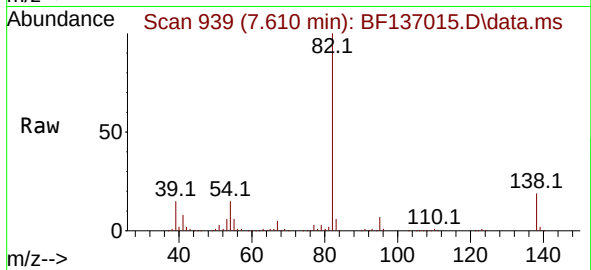




#25
Isophorone
Concen: 37.727 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

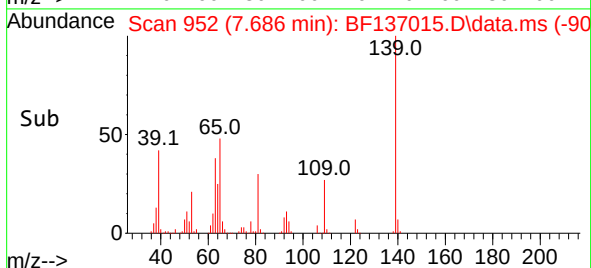
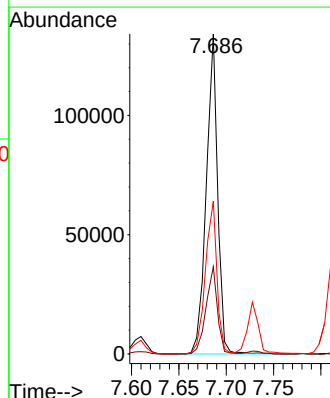
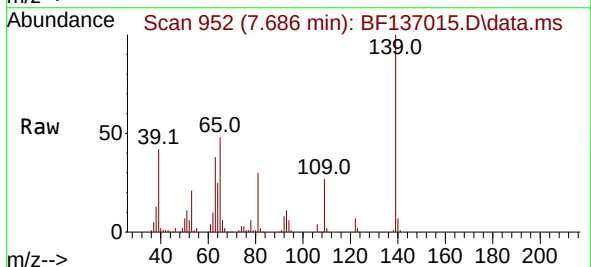
Instrument :
BNA_F
ClientSampleId :
PB158346BS

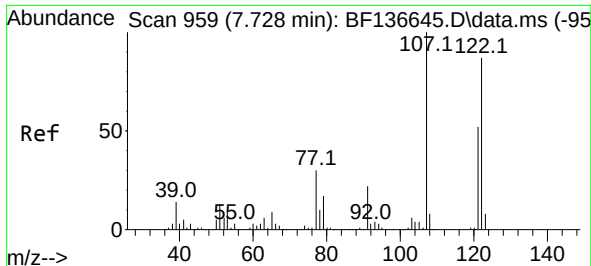
Tgt Ion: 82 Resp: 398283
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 19.1 14.5 21.7



#26
2-Nitrophenol
Concen: 40.176 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Tgt Ion:139 Resp: 111716
Ion Ratio Lower Upper
139 100
109 27.3 21.9 32.9
65 47.7 38.6 58.0

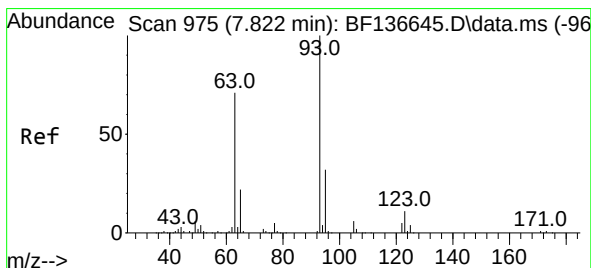
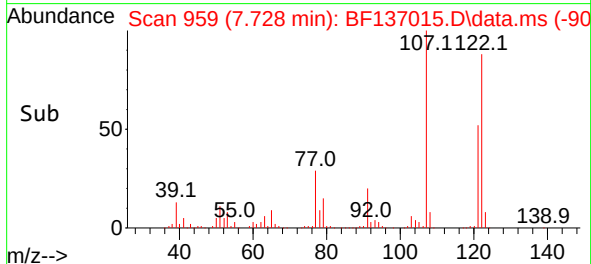
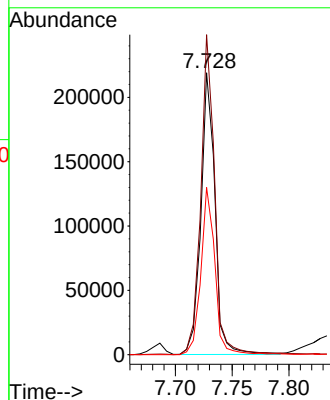
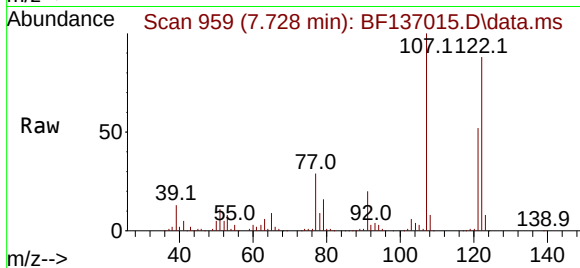




#27
2,4-Dimethylphenol
Concen: 55.760 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

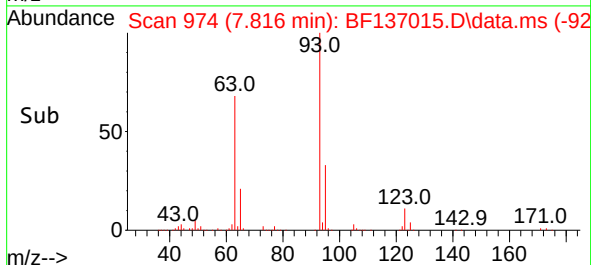
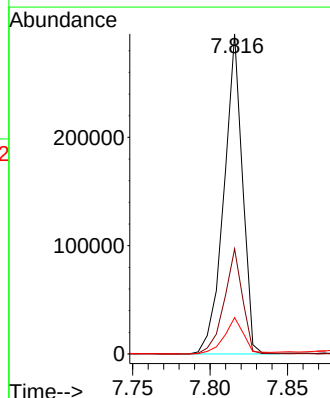
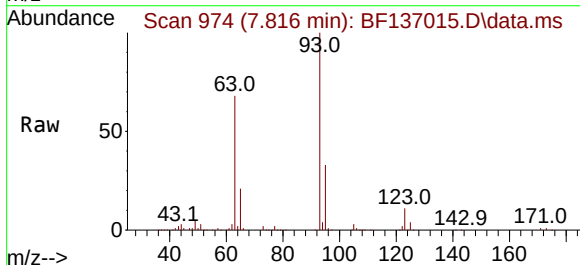
Instrument :
BNA_F
ClientSampleId :
PB158346BS

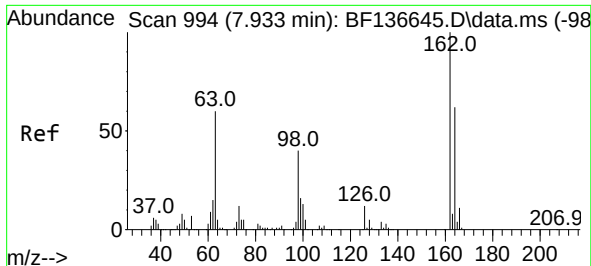
Tgt Ion:122 Resp: 188762
Ion Ratio Lower Upper
122 100
107 113.5 92.0 138.0
121 59.3 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 38.202 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Tgt Ion: 93 Resp: 245144
Ion Ratio Lower Upper
93 100
95 32.8 25.5 38.3
123 11.4 9.2 13.8

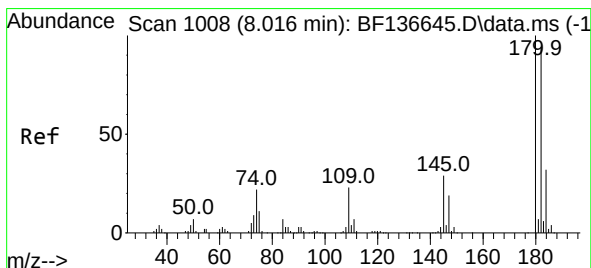
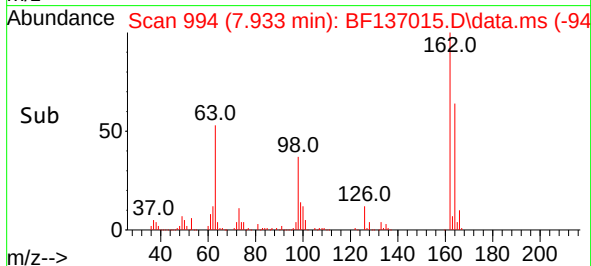
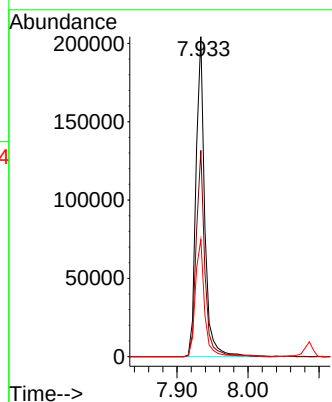
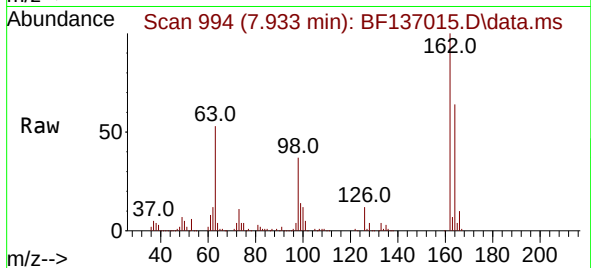




#29
2,4-Dichlorophenol
Concen: 40.378 ng
RT: 7.933 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

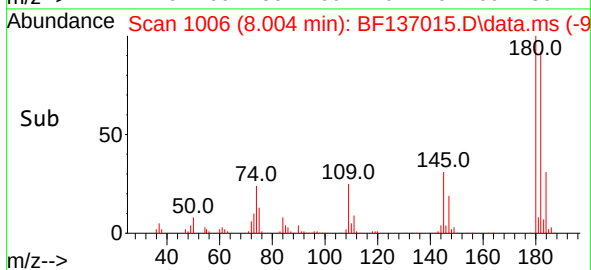
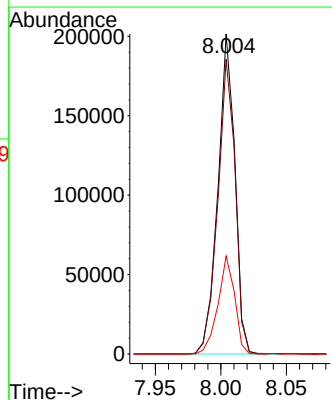
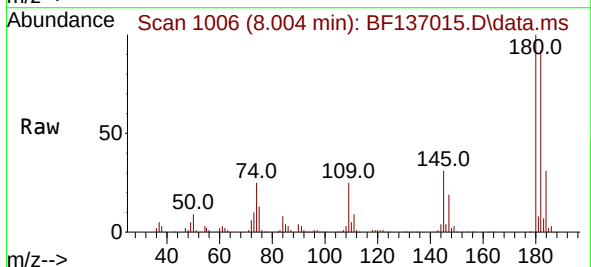
Instrument :
BNA_F
ClientSampleId :
PB158346BS

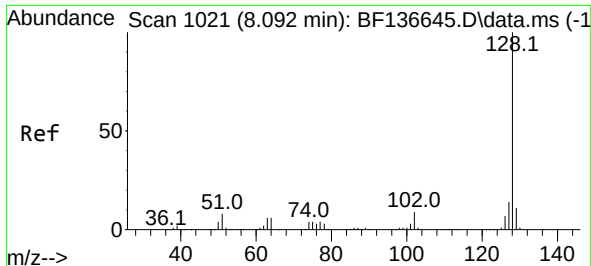
Tgt Ion:162 Resp: 175979
Ion Ratio Lower Upper
162 100
164 64.5 41.7 81.7
98 36.6 19.5 59.5



#30
1,2,4-Trichlorobenzene
Concen: 37.338 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Tgt Ion:180 Resp: 181312
Ion Ratio Lower Upper
180 100
182 92.1 75.4 113.0
145 30.6 23.1 34.7

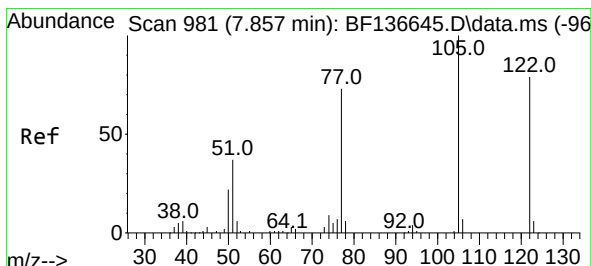
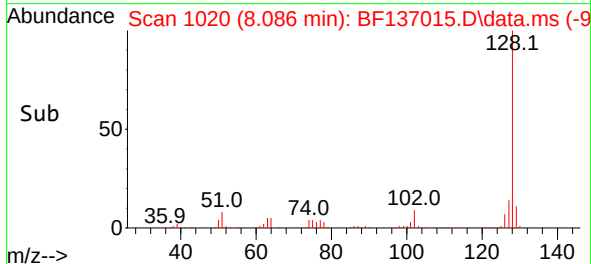
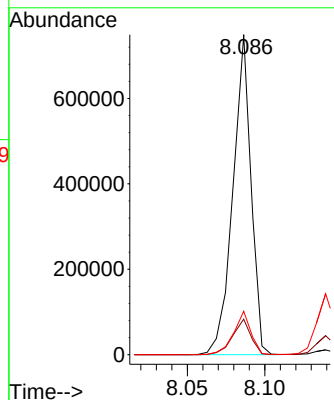
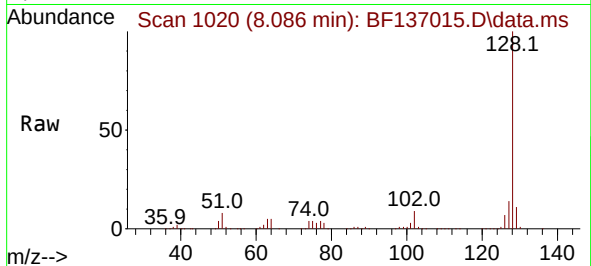




#31
Naphthalene
Concen: 37.367 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

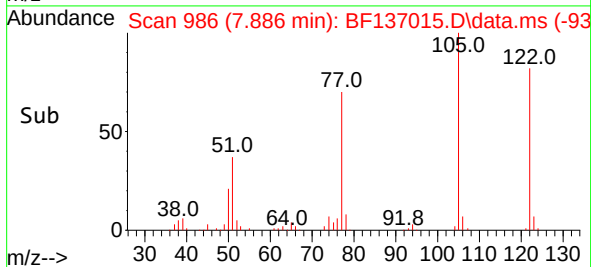
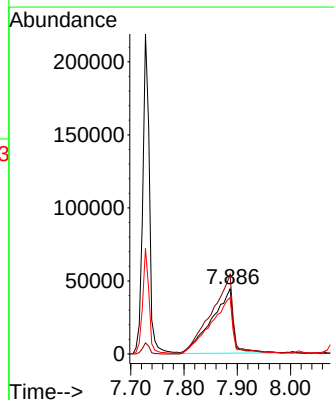
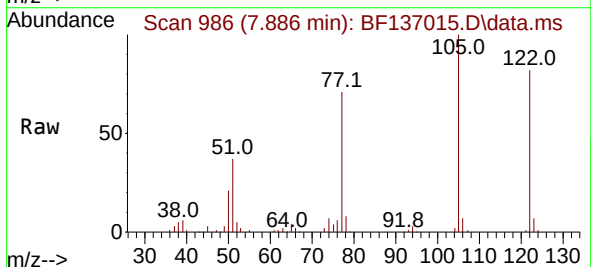
Instrument :
BNA_F
ClientSampleId :
PB158346BS

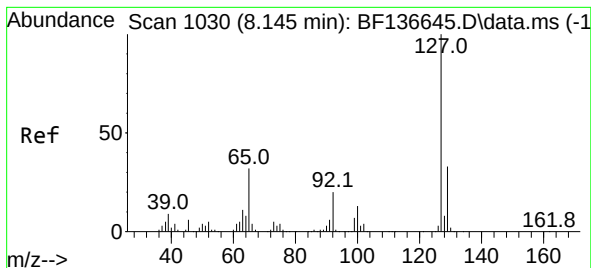
Tgt Ion:128 Resp: 609454
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 38.260 ng
RT: 7.886 min Scan# 986
Delta R.T. 0.029 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Tgt Ion:122 Resp: 125321
Ion Ratio Lower Upper
122 100
105 122.1 100.8 140.8
77 86.4 70.9 110.9





#33

4-Chloroaniline

Concen: 21.014 ng

RT: 8.139 min Scan# 1029

Delta R.T. -0.006 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158346BS

Tgt Ion:127 Resp: 126547

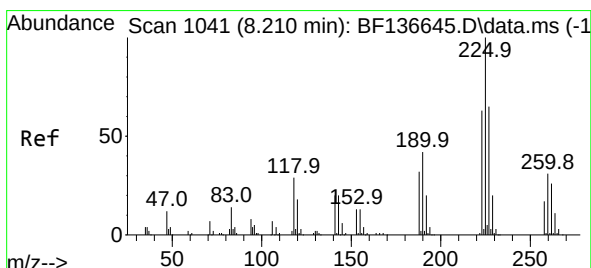
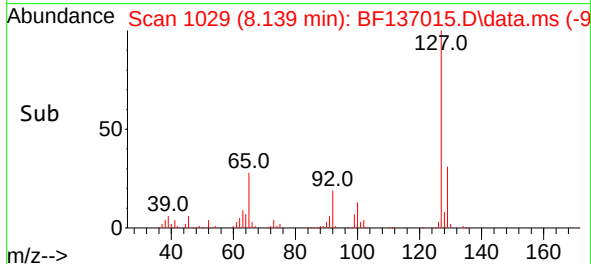
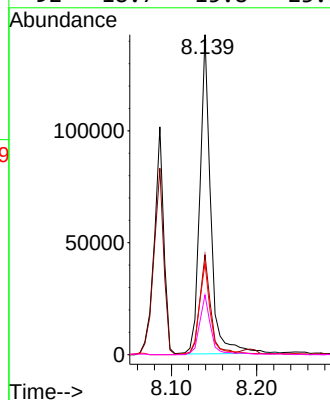
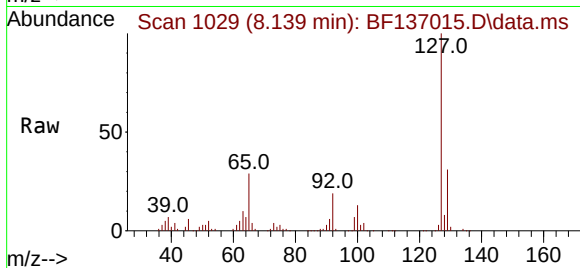
Ion Ratio Lower Upper

127 100

129 31.2 26.3 39.5

65 28.6 25.8 38.8

92 18.7 15.8 23.6



#34

Hexachlorobutadiene

Concen: 35.071 ng

RT: 8.198 min Scan# 1039

Delta R.T. -0.012 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

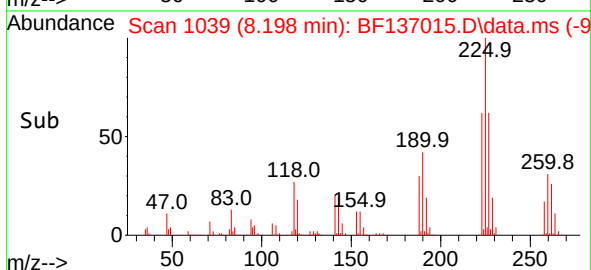
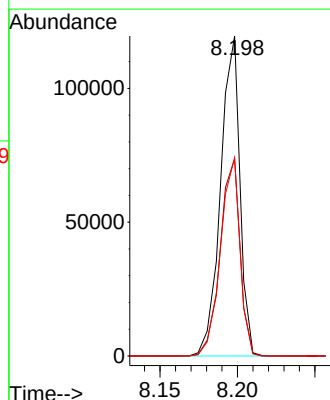
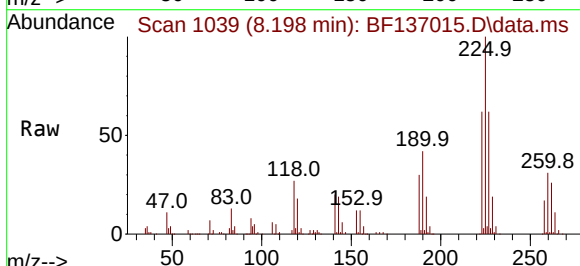
Tgt Ion:225 Resp: 103468

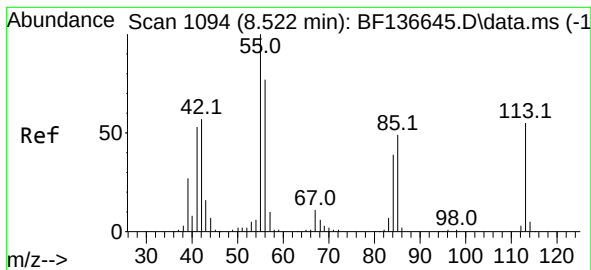
Ion Ratio Lower Upper

225 100

223 61.7 50.6 76.0

227 61.9 51.9 77.9





#35

Caprolactam

Concen: 28.672 ng

RT: 8.528 min Scan# 1094

Delta R.T. 0.006 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158346BS

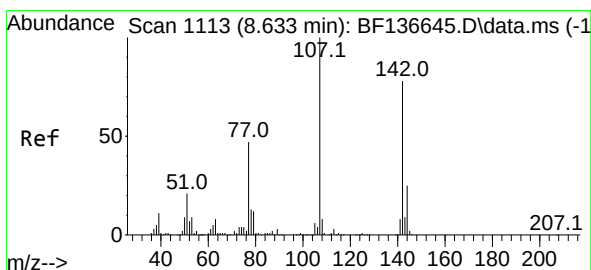
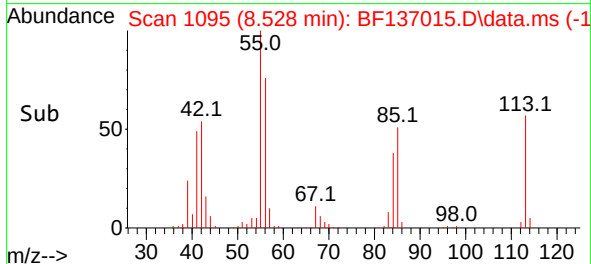
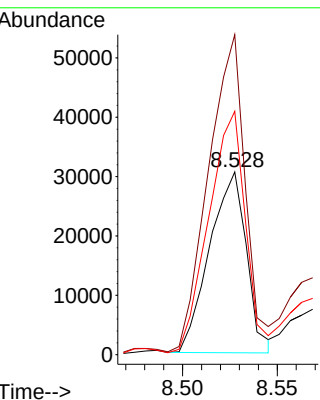
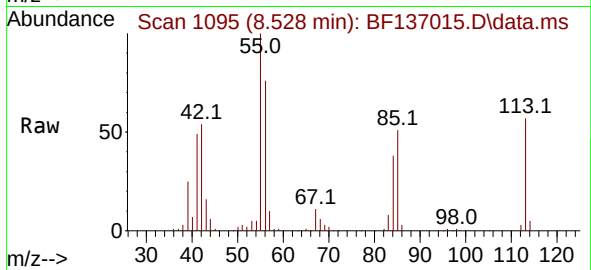
Tgt Ion:113 Resp: 41224

Ion Ratio Lower Upper

113 100

55 175.2 163.1 203.1

56 133.3 121.7 161.7



#36

4-Chloro-3-methylphenol

Concen: 39.634 ng

RT: 8.639 min Scan# 1114

Delta R.T. 0.006 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

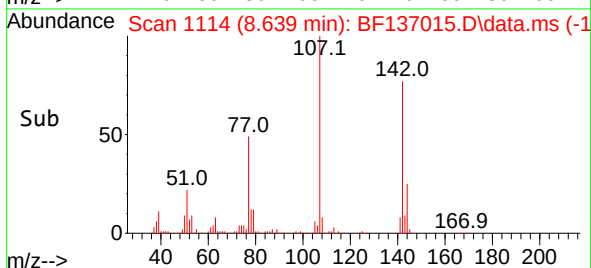
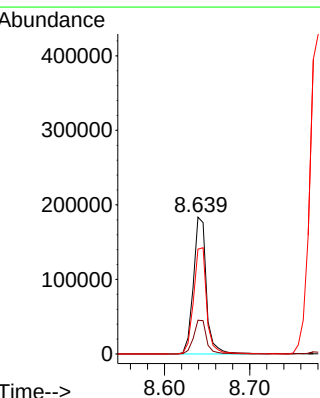
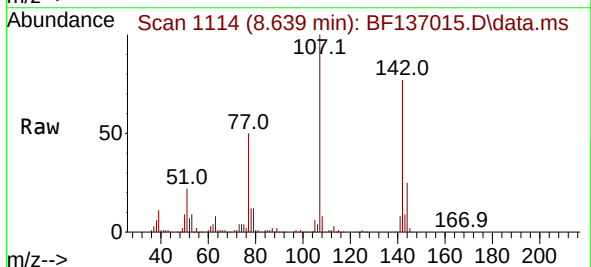
Tgt Ion:107 Resp: 194463

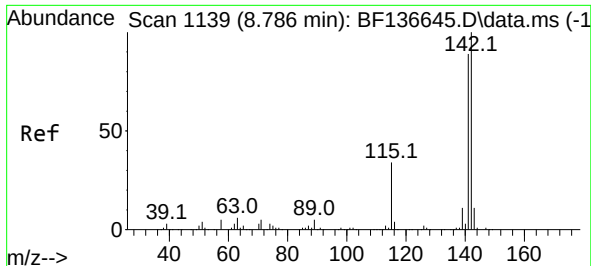
Ion Ratio Lower Upper

107 100

144 24.7 20.2 30.2

142 76.7 62.3 93.5

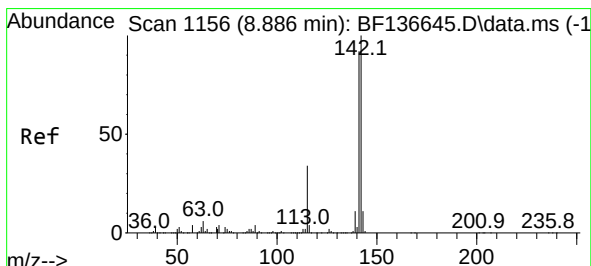
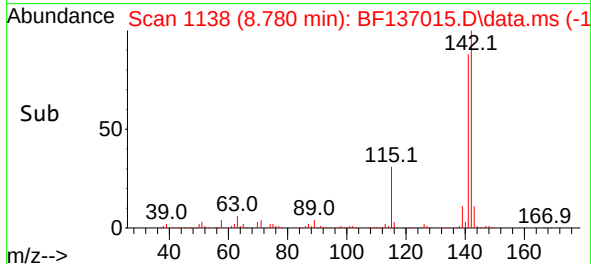
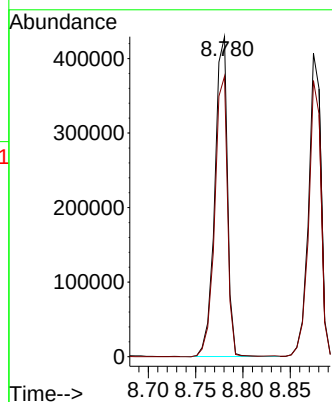
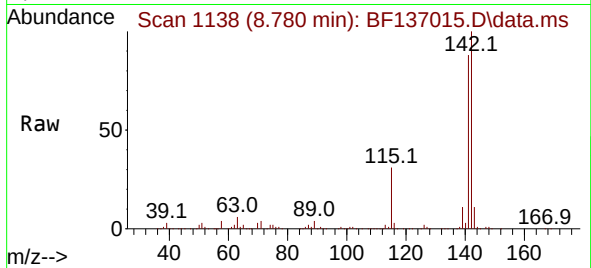




#37
2-Methylnaphthalene
Concen: 38.092 ng
RT: 8.780 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

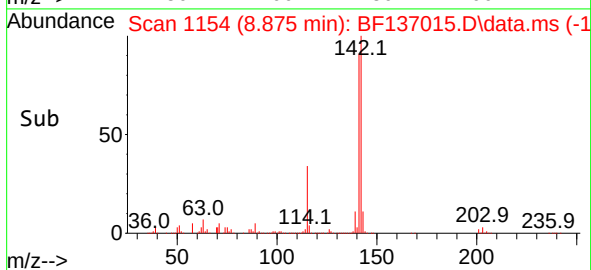
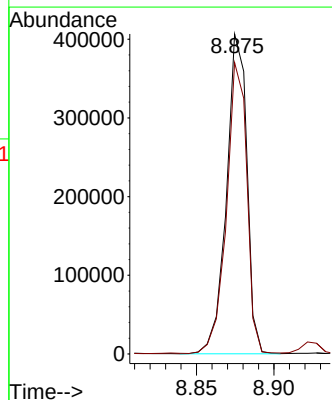
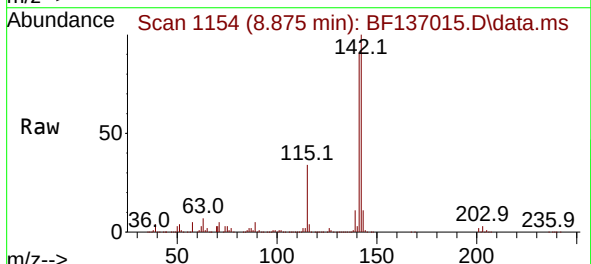
Instrument :
BNA_F
ClientSampleId :
PB158346BS

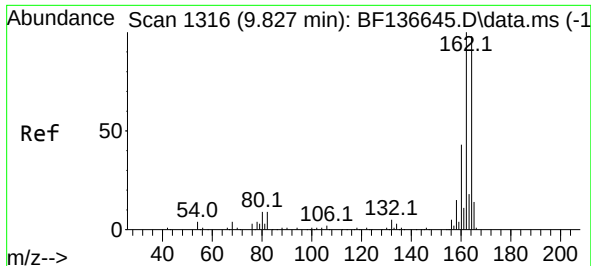
Tgt Ion:142 Resp: 399832
Ion Ratio Lower Upper
142 100
141 87.6 71.1 106.7



#38
1-Methylnaphthalene
Concen: 36.134 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Tgt Ion:142 Resp: 372113
Ion Ratio Lower Upper
142 100
141 91.1 73.6 110.4

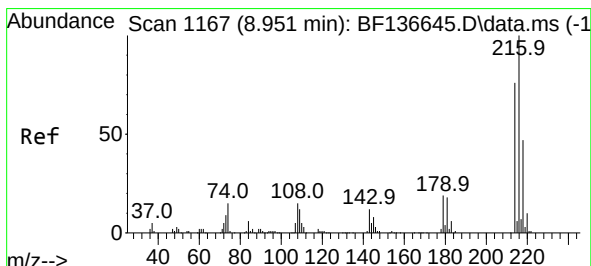
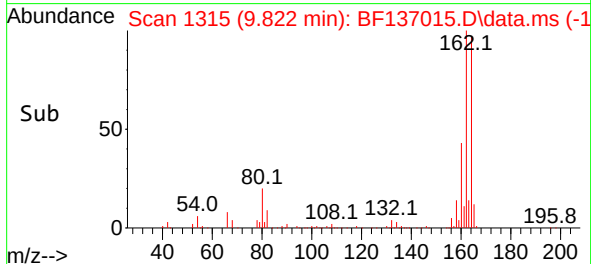
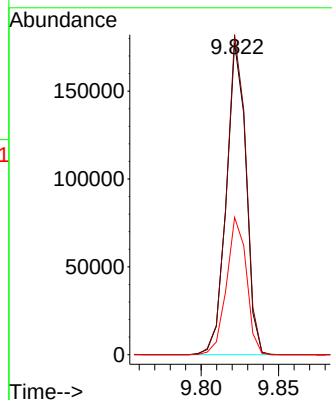
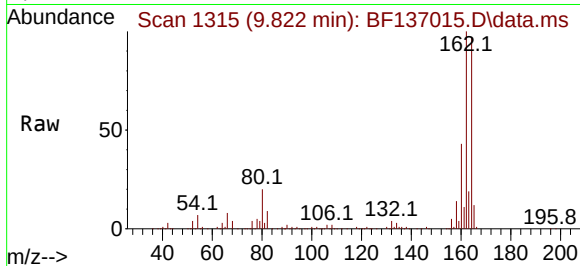




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

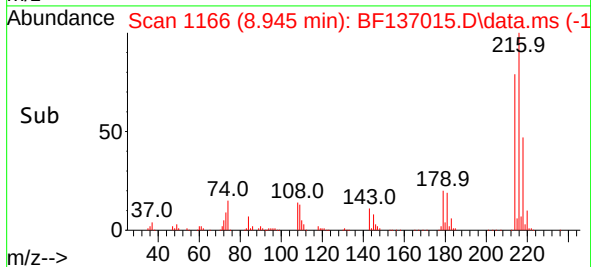
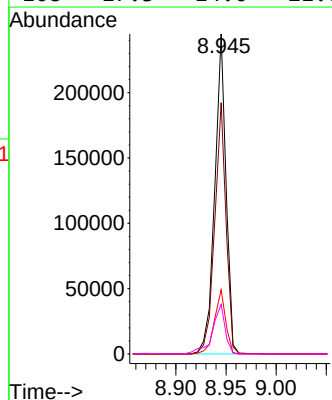
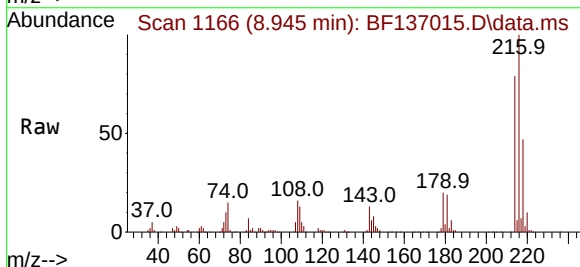
Instrument :
BNA_F
ClientSampleId :
PB158346BS

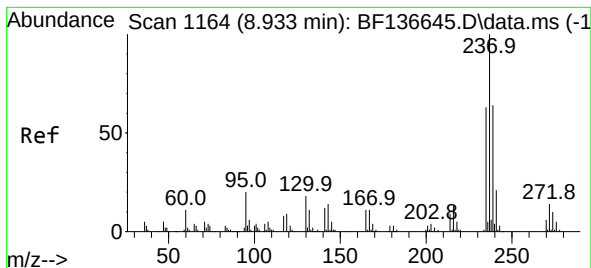
Tgt Ion:164 Resp: 155878
Ion Ratio Lower Upper
164 100
162 102.6 81.6 122.4
160 44.0 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.592 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Tgt Ion:216 Resp: 191129
Ion Ratio Lower Upper
216 100
214 78.9 62.3 93.5
179 19.9 16.4 24.6
108 17.3 14.0 21.0





#41

Hexachlorocyclopentadiene

Concen: 73.230 ng

RT: 8.927 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158346BS

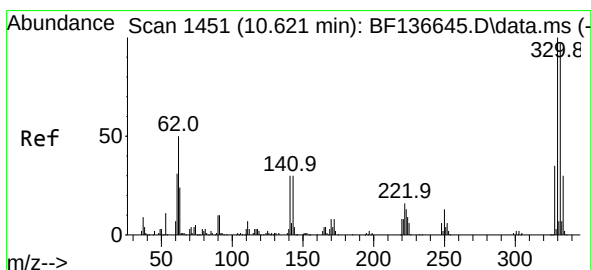
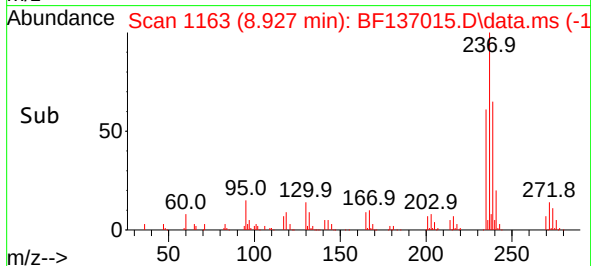
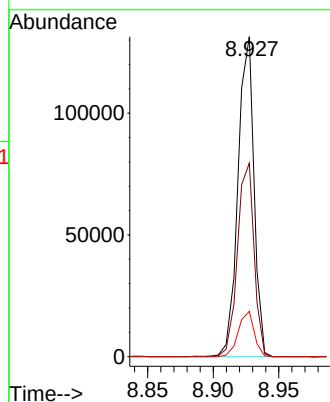
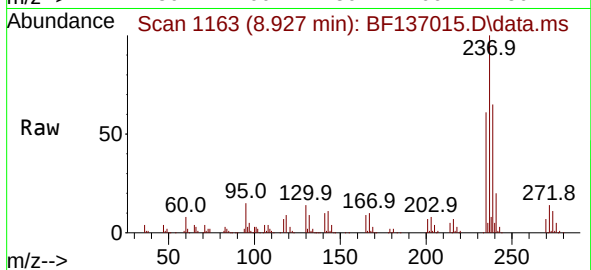
Tgt Ion:237 Resp: 112036

Ion Ratio Lower Upper

237 100

235 60.5 43.2 83.2

272 14.2 0.0 34.2



#42

2,4,6-Tribromophenol

Concen: 117.447 ng

RT: 10.627 min Scan# 1452

Delta R.T. 0.006 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

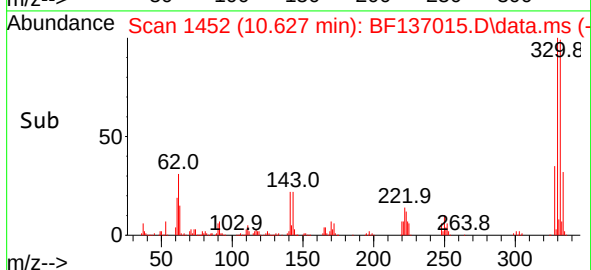
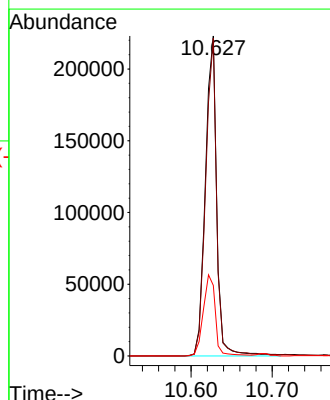
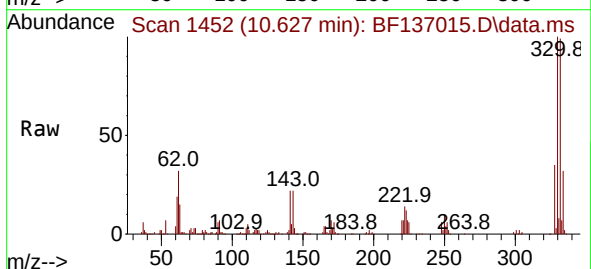
Tgt Ion:330 Resp: 215610

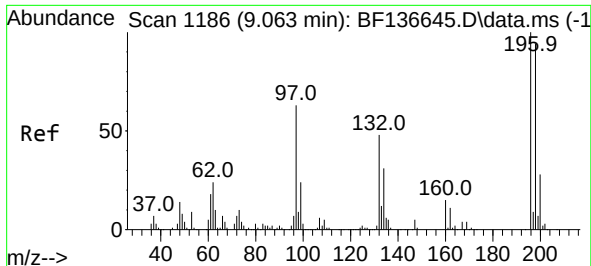
Ion Ratio Lower Upper

330 100

332 97.3 77.4 116.0

141 27.1 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 40.393 ng

RT: 9.069 min Scan# 1186

Delta R.T. 0.006 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158346BS

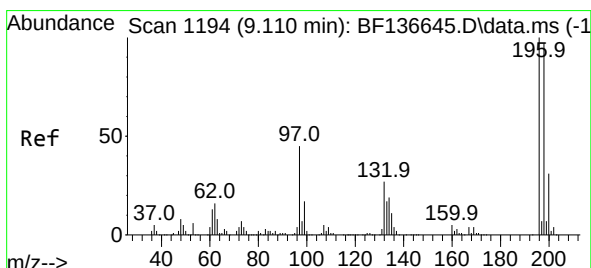
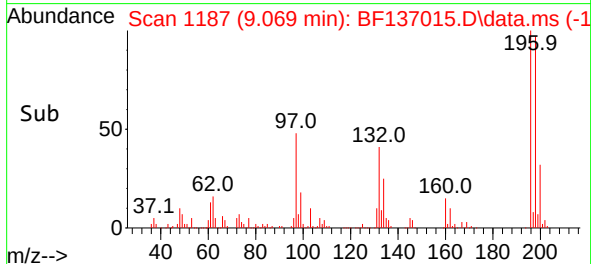
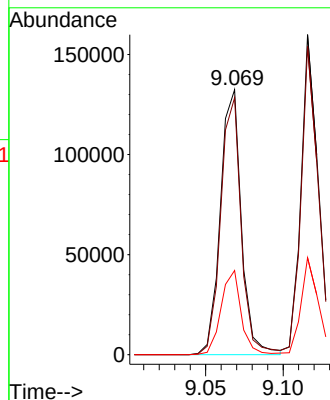
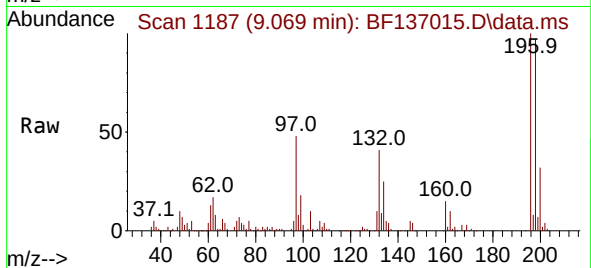
Tgt Ion:196 Resp: 125053

Ion Ratio Lower Upper

196 100

198 97.0 75.1 112.7

200 31.8 22.5 33.7



#44

2,4,5-Trichlorophenol

Concen: 38.793 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.006 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

Tgt Ion:196 Resp: 133836

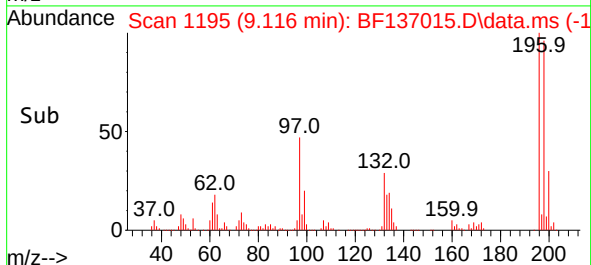
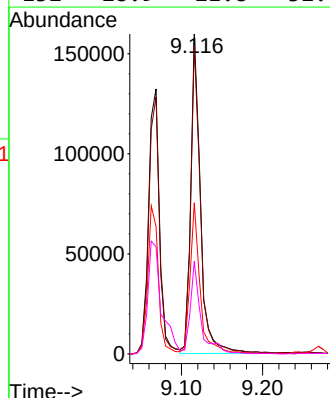
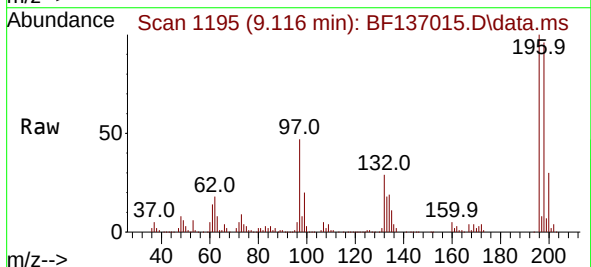
Ion Ratio Lower Upper

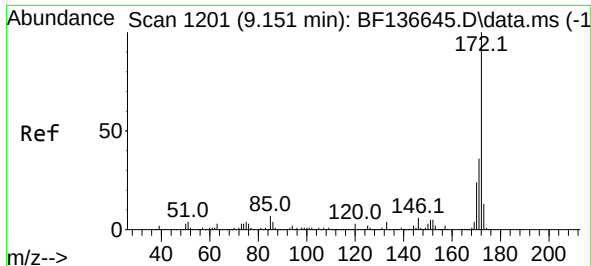
196 100

198 96.3 77.0 115.6

97 47.3 36.1 54.1

132 28.9 21.8 32.6

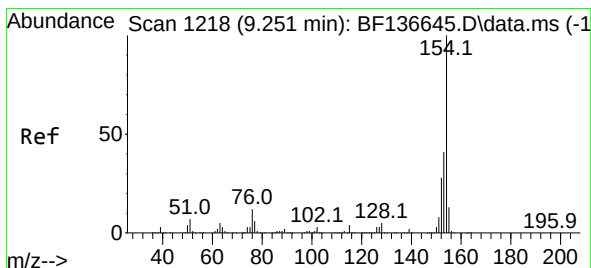
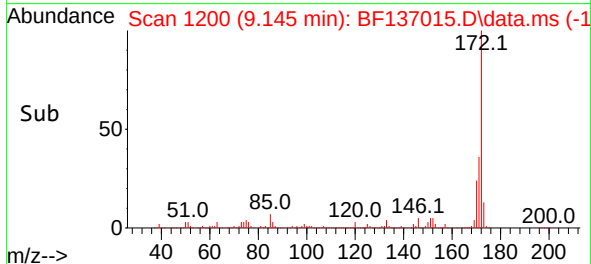
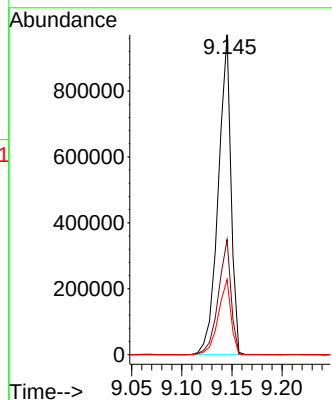
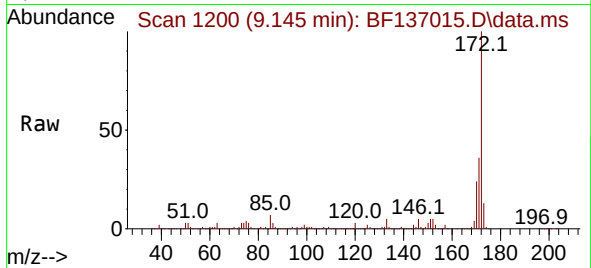




#45
2-Fluorobiphenyl
Concen: 73.750 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

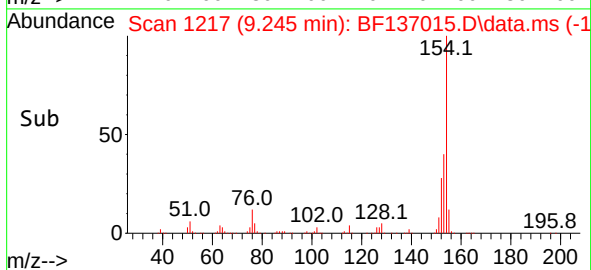
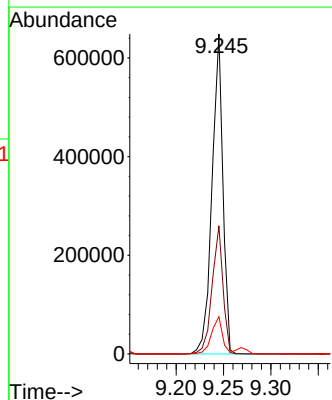
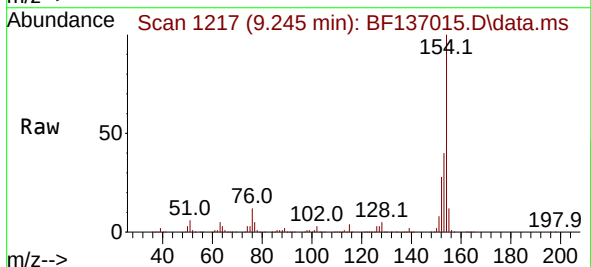
Instrument :
BNA_F
ClientSampleId :
PB158346BS

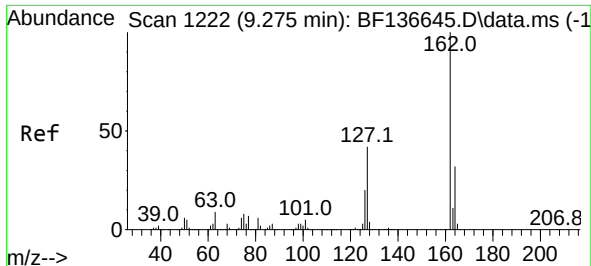
Tgt Ion:172 Resp: 854736
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.6
170 23.5 19.0 28.4



#46
1,1'-Biphenyl
Concen: 39.521 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Tgt Ion:154 Resp: 516958
Ion Ratio Lower Upper
154 100
153 40.0 21.1 61.1
76 11.7 0.0 31.7





#47

2-Chloronaphthalene

Concen: 38.020 ng

RT: 9.269 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158346BS

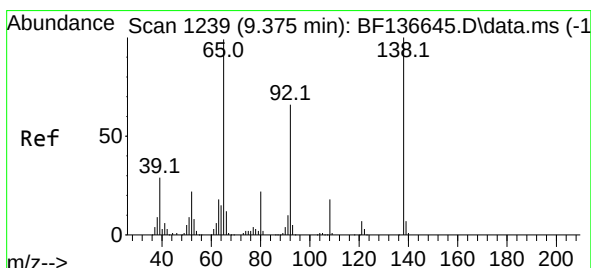
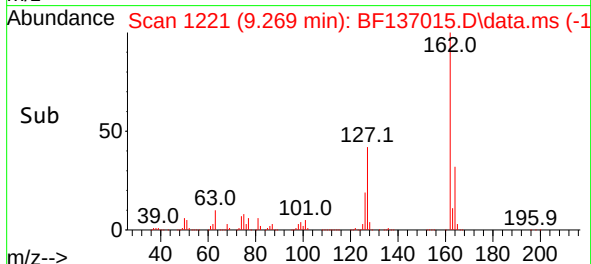
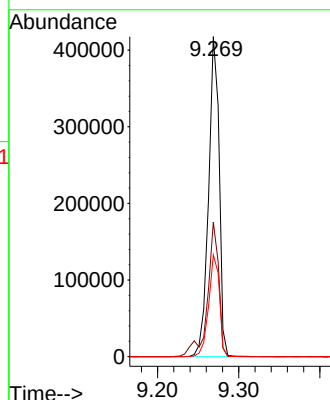
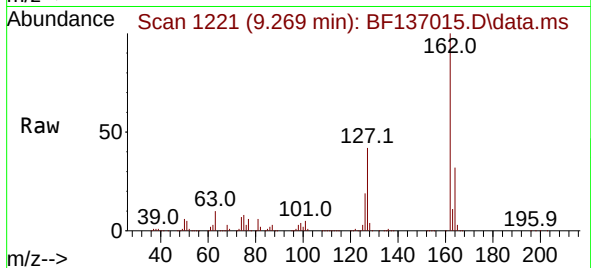
Tgt Ion:162 Resp: 378069

Ion Ratio Lower Upper

162 100

127 42.1 33.6 50.4

164 31.8 25.7 38.5



#48

2-Nitroaniline

Concen: 40.511 ng

RT: 9.375 min Scan# 1239

Delta R.T. 0.000 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

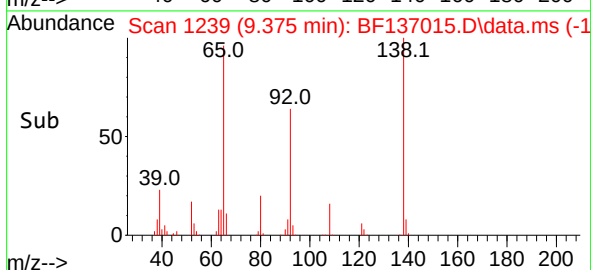
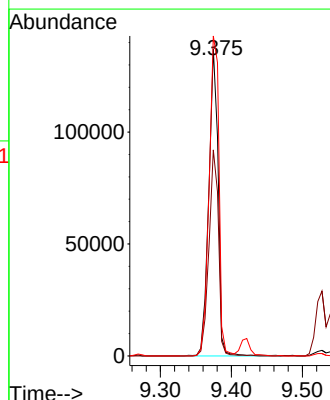
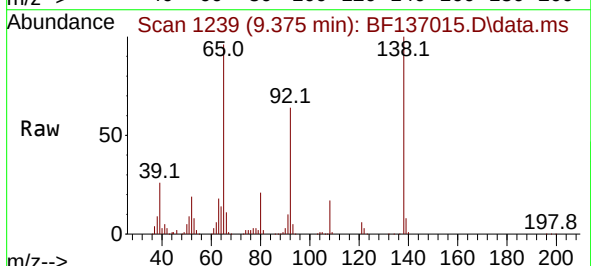
Tgt Ion: 65 Resp: 126148

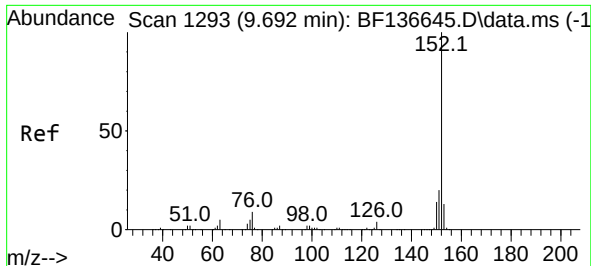
Ion Ratio Lower Upper

65 100

92 67.2 53.2 79.8

138 104.3 81.1 121.7

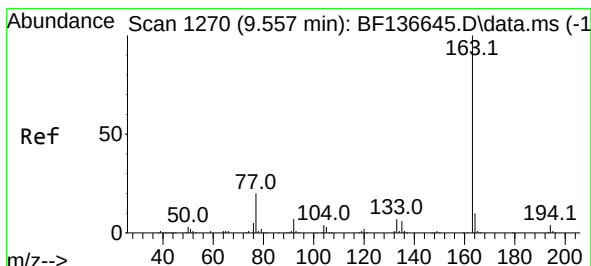
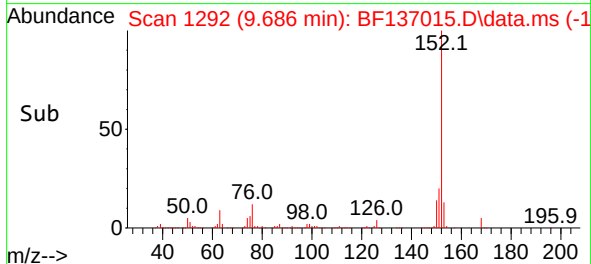
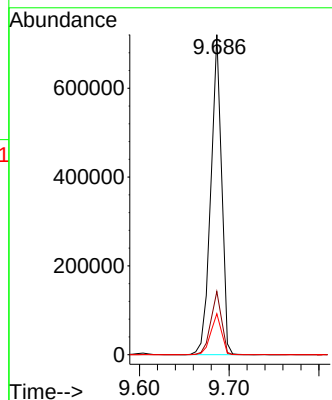
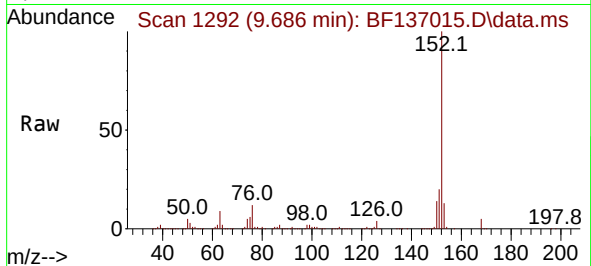




#49
Acenaphthylene
Concen: 39.615 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

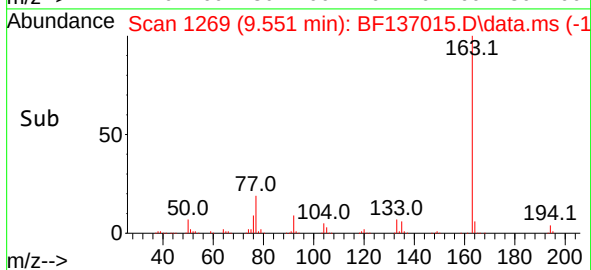
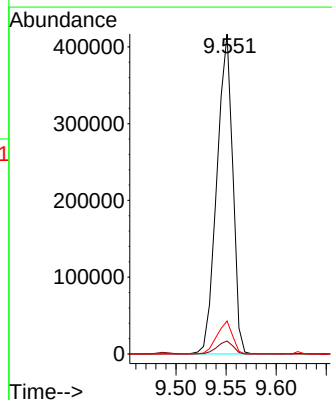
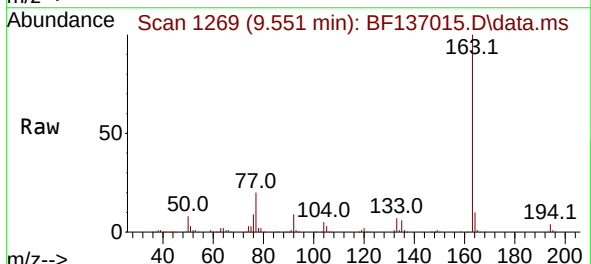
Instrument :
BNA_F
ClientSampleId :
PB158346BS

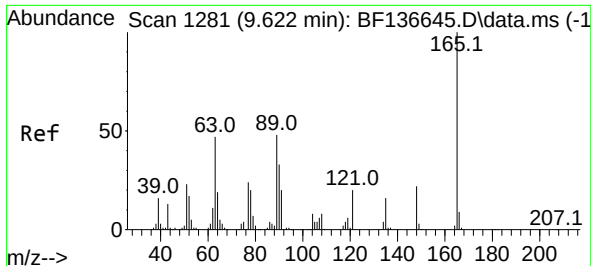
Tgt Ion:152 Resp: 602118
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.4
153 12.8 10.2 15.2



#50
Dimethylphthalate
Concen: 40.157 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Tgt Ion:163 Resp: 457212
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.3 7.8 11.6

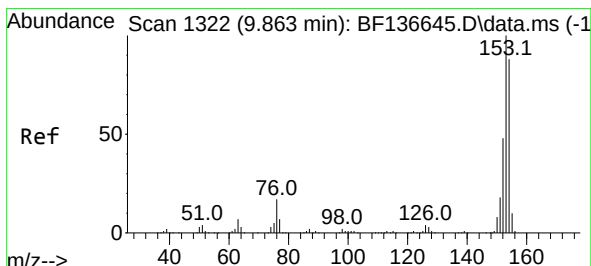
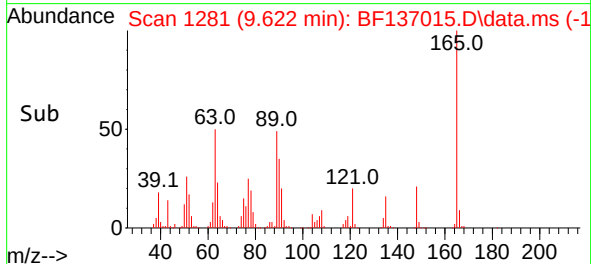
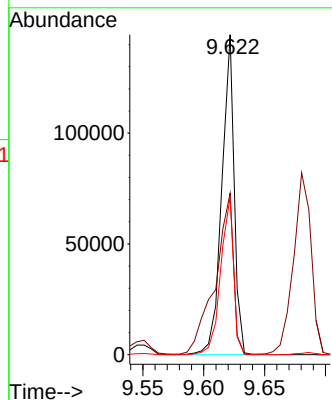
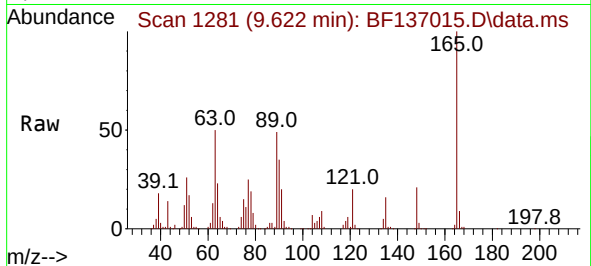




#51
2,6-Dinitrotoluene
Concen: 39.782 ng
RT: 9.622 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

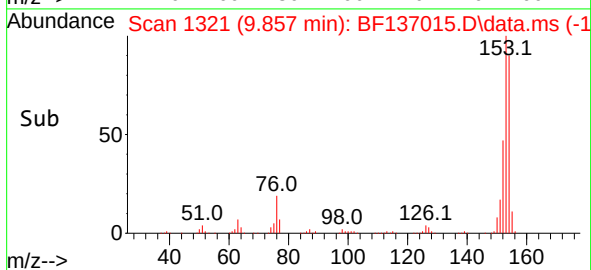
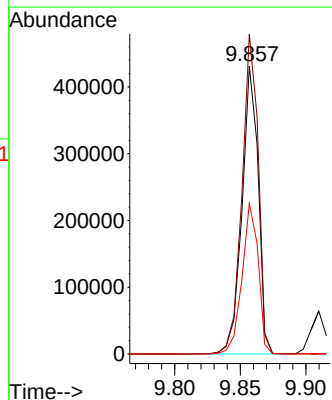
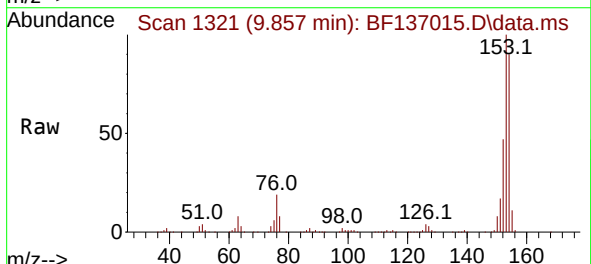
Instrument :
BNA_F
ClientSampleId :
PB158346BS

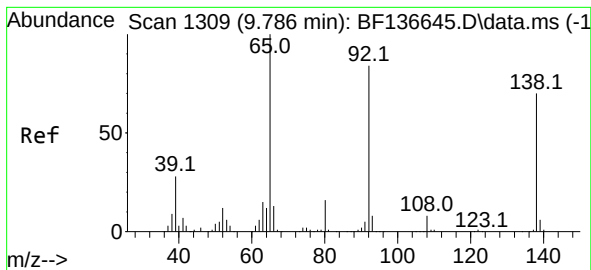
Tgt Ion:165 Resp: 102798
Ion Ratio Lower Upper
165 100
63 50.5 39.8 59.6
89 49.3 38.8 58.2



#52
Acenaphthene
Concen: 39.309 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Tgt Ion:154 Resp: 370365
Ion Ratio Lower Upper
154 100
153 111.2 90.7 136.1
152 52.3 43.7 65.5





#53

3-Nitroaniline

Concen: 31.106 ng

RT: 9.792 min Scan# 1310

Delta R.T. 0.006 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158346BS

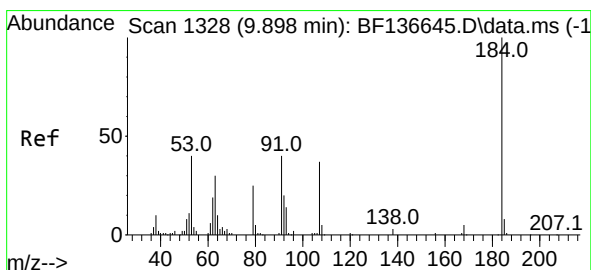
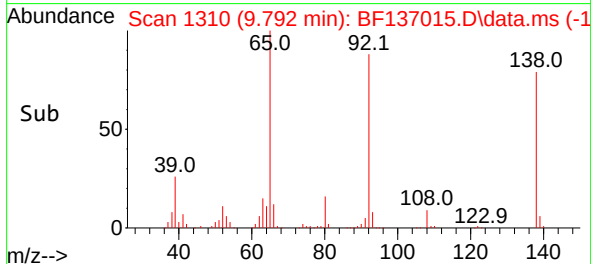
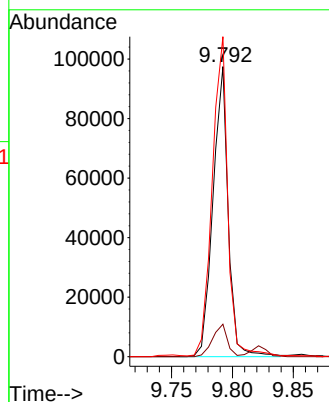
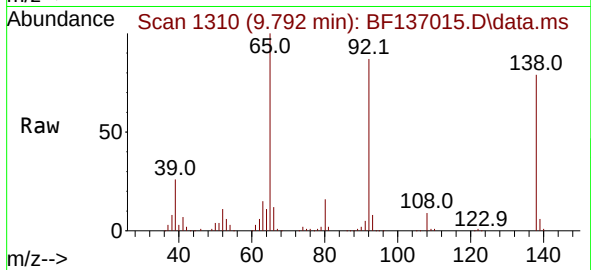
Tgt Ion:138 Resp: 85145

Ion Ratio Lower Upper

138 100

108 11.2 8.6 12.8

92 110.3 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 70.022 ng

RT: 9.910 min Scan# 1330

Delta R.T. 0.012 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

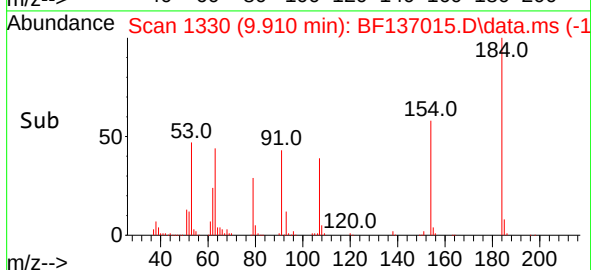
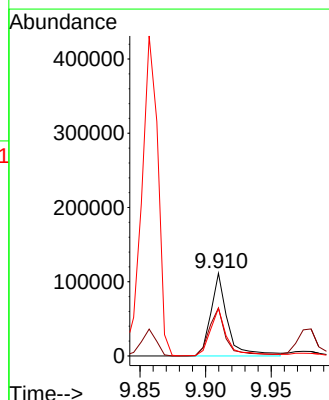
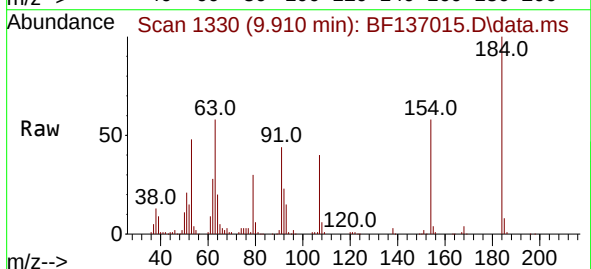
Tgt Ion:184 Resp: 99579

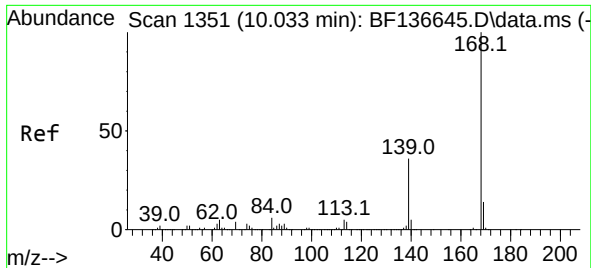
Ion Ratio Lower Upper

184 100

63 58.1 40.9 61.3

154 57.8 42.7 64.1

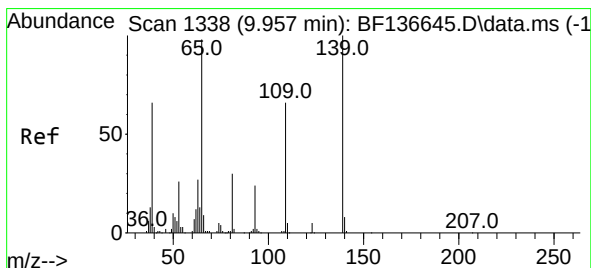
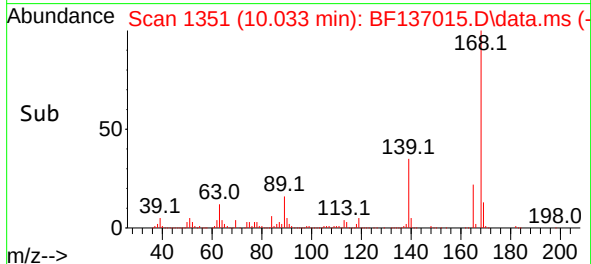
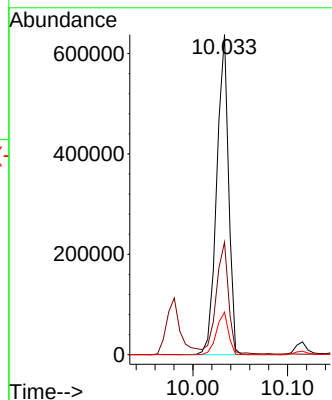
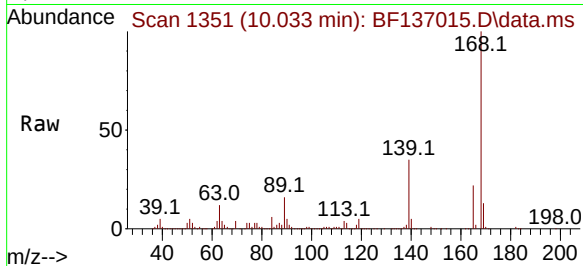




#55
Dibenzenofuran
Concen: 38.631 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

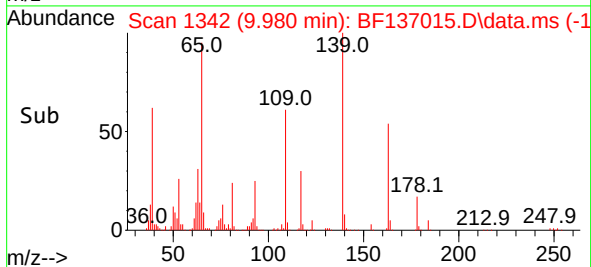
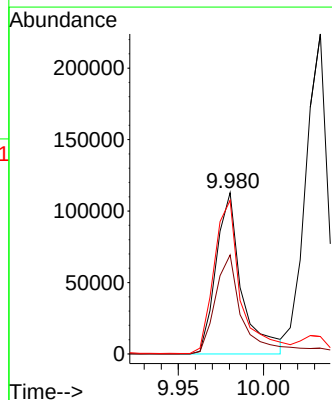
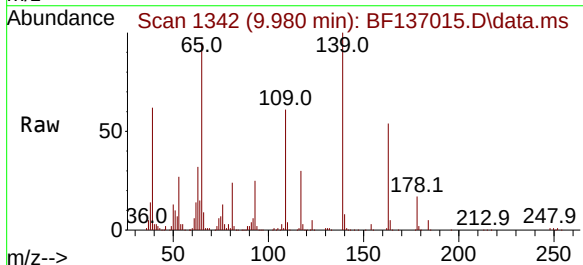
Instrument :
BNA_F
ClientSampleId :
PB158346BS

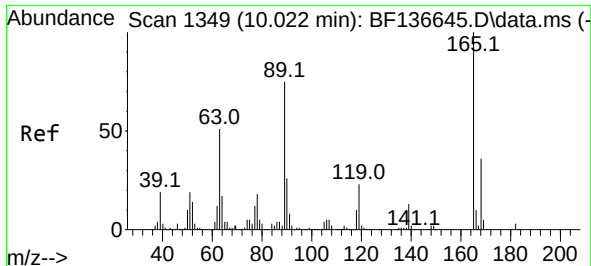
Tgt Ion:168 Resp: 551735
Ion Ratio Lower Upper
168 100
139 35.1 29.3 43.9
169 13.3 11.0 16.4



#56
4-Nitrophenol
Concen: 63.922 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.024 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Tgt Ion:139 Resp: 118117
Ion Ratio Lower Upper
139 100
109 61.4 45.8 85.8
65 95.2 77.8 117.8

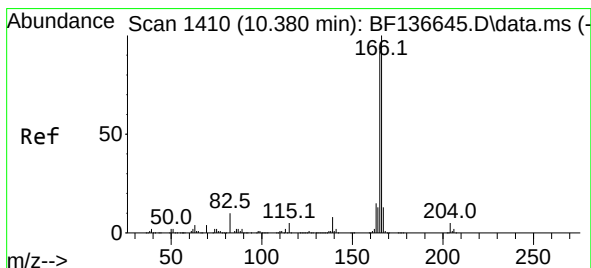
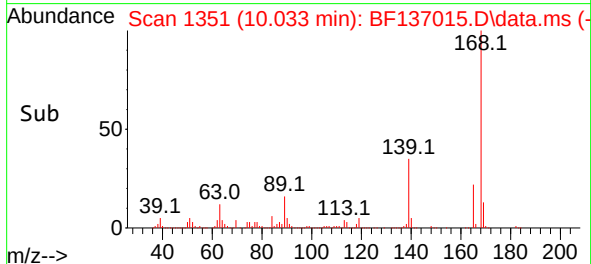
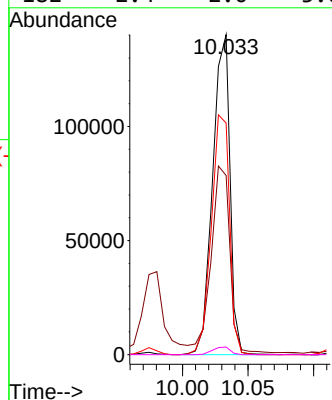
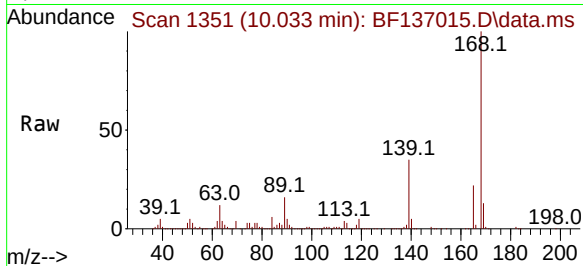




#57
2,4-Dinitrotoluene
Concen: 38.362 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

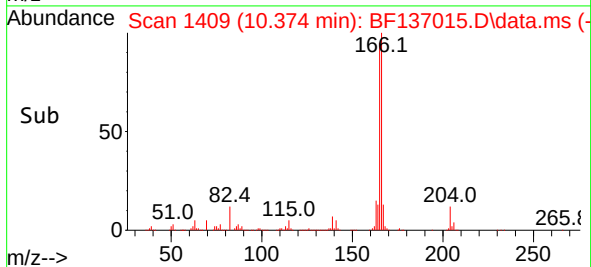
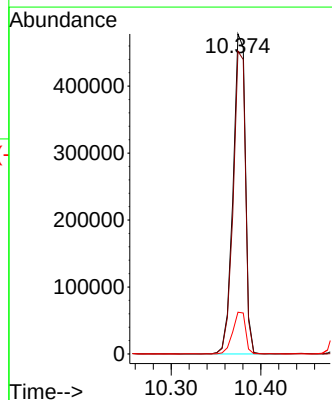
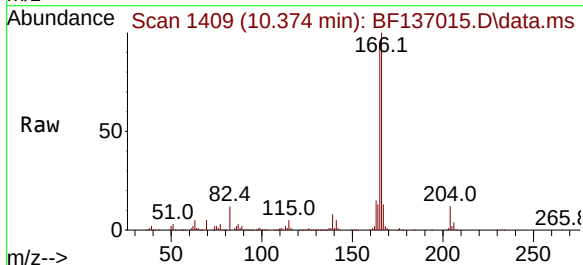
Instrument :
BNA_F
ClientSampleId :
PB158346BS

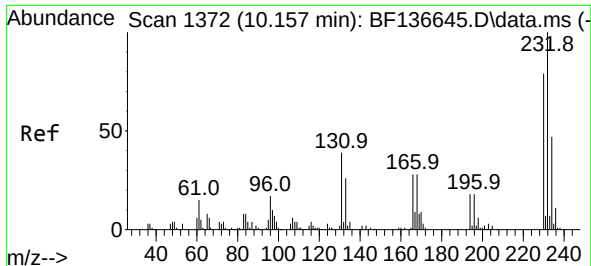
Tgt Ion:165 Resp: 128686
Ion Ratio Lower Upper
165 100
63 56.0 41.0 61.6
89 72.4 59.9 89.9
182 2.4 2.0 3.0



#58
Fluorene
Concen: 40.305 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Tgt Ion:166 Resp: 456752
Ion Ratio Lower Upper
166 100
165 94.6 73.7 110.5
167 13.0 10.4 15.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.147 ng

RT: 10.157 min Scan# 1372

Delta R.T. 0.000 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158346BS

Tgt Ion:232 Resp: 117243

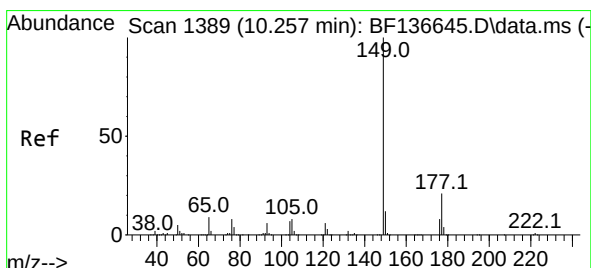
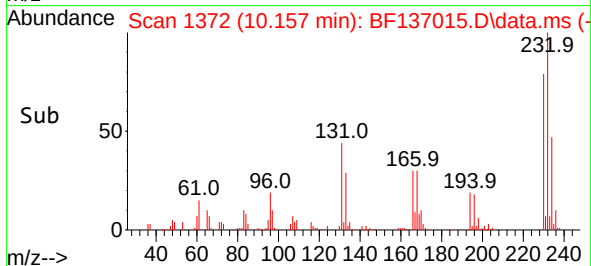
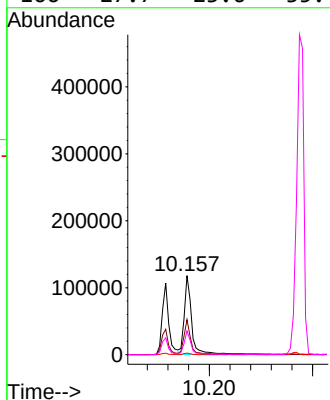
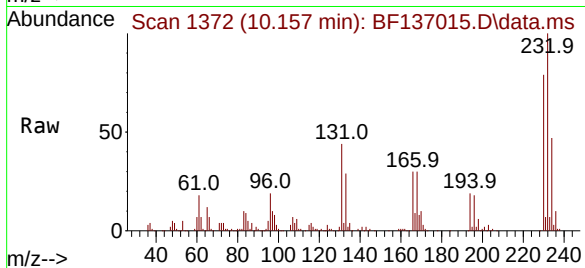
Ion Ratio Lower Upper

232 100

131 39.5 35.1 52.7

130 1.9 1.6 2.4

166 27.7 23.6 35.4



#60

Diethylphthalate

Concen: 39.288 ng

RT: 10.251 min Scan# 1388

Delta R.T. -0.006 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

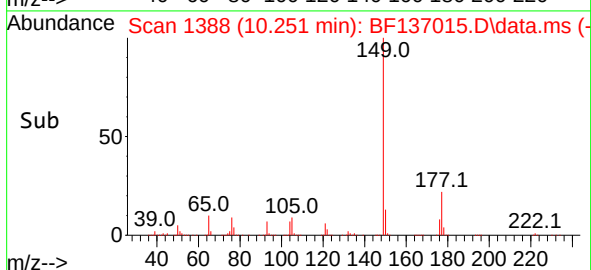
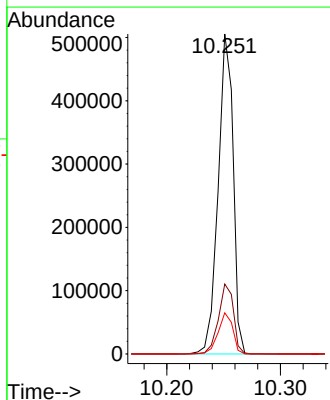
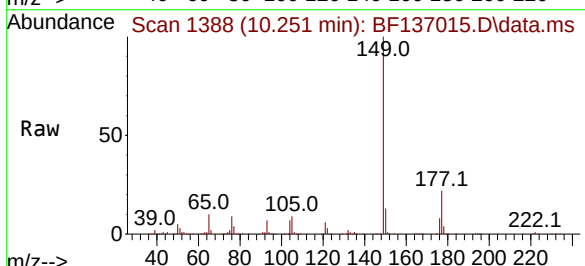
Tgt Ion:149 Resp: 464119

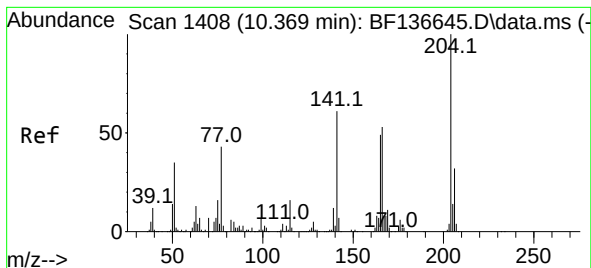
Ion Ratio Lower Upper

149 100

177 21.9 16.9 25.3

150 12.8 9.3 13.9

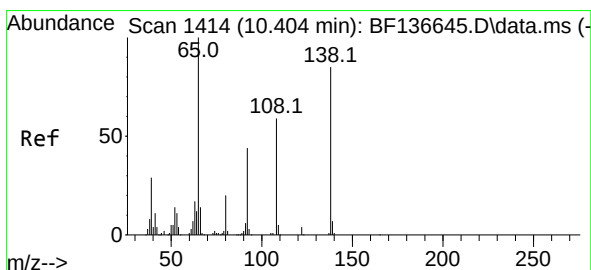
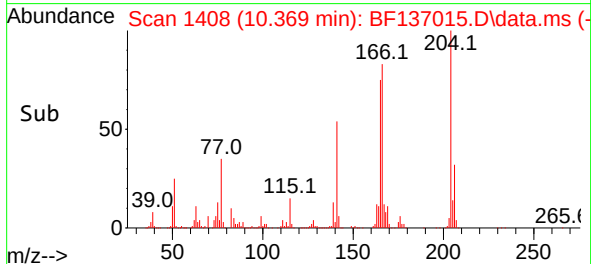
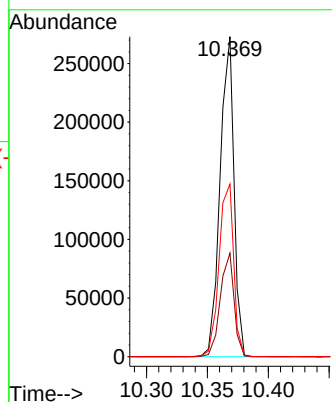
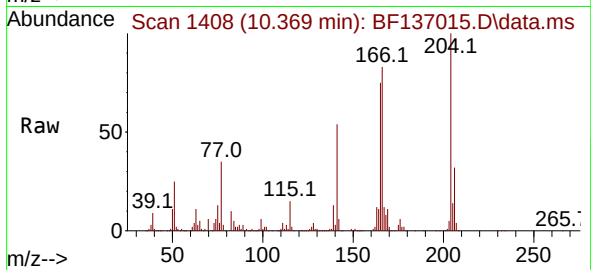




#61
4-Chlorophenyl-phenylether
Concen: 39.524 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

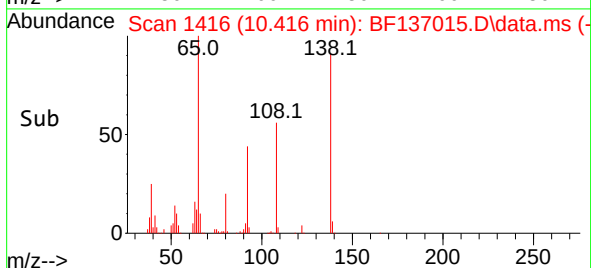
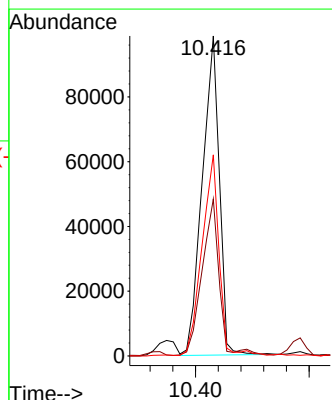
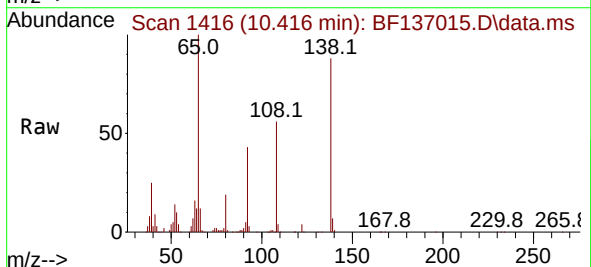
Instrument :
BNA_F
ClientSampleId :
PB158346BS

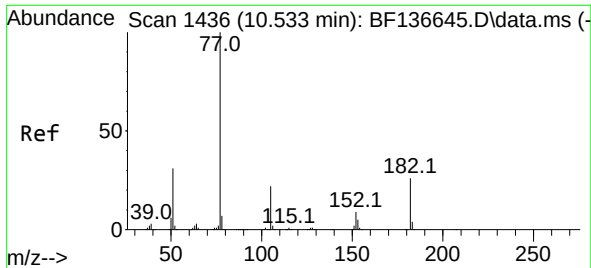
Tgt Ion:204 Resp: 217706
Ion Ratio Lower Upper
204 100
206 32.4 25.6 38.4
141 54.0 48.4 72.6



#62
4-Nitroaniline
Concen: 38.893 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.012 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Tgt Ion:138 Resp: 102629
Ion Ratio Lower Upper
138 100
92 49.1 32.1 72.1
108 62.8 50.1 90.1

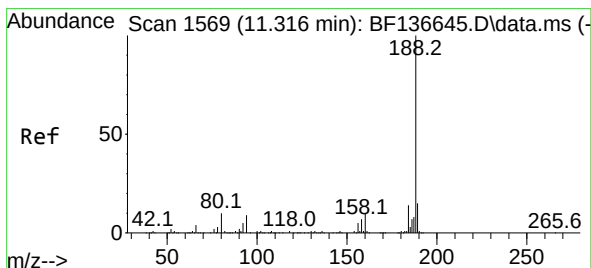
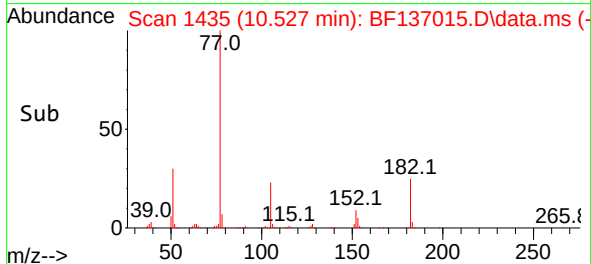
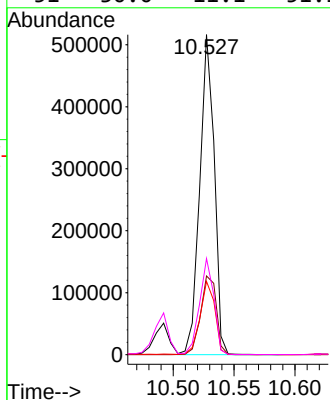
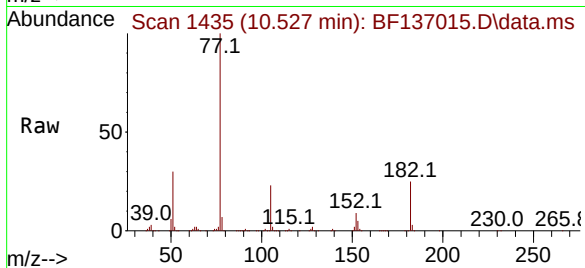




#63
Azobenzene
Concen: 38.701 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

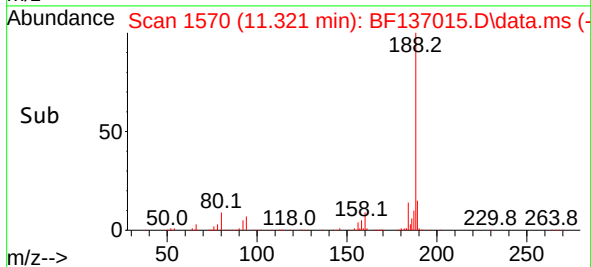
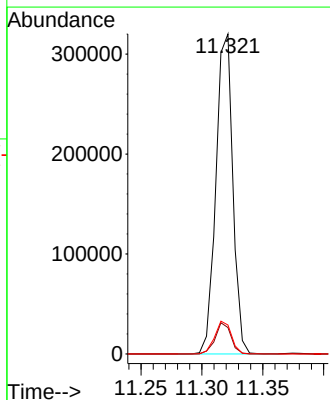
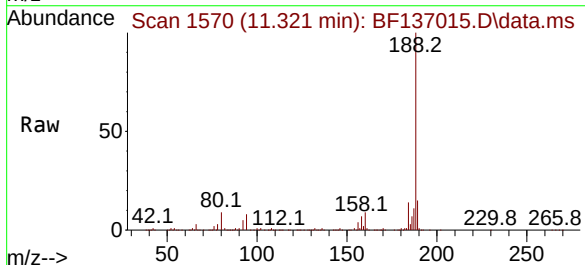
Instrument :
BNA_F
ClientSampleId :
PB158346BS

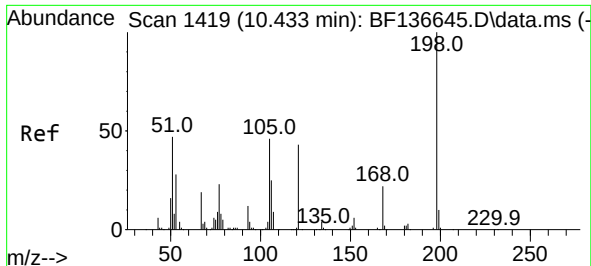
Tgt Ion: 77	Resp: 427015
Ion Ratio	Lower Upper
77 100	
182 24.6	6.0 46.0
105 22.9	2.3 42.3
51 30.0	11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Tgt Ion:188	Resp: 309844
Ion Ratio	Lower Upper
188 100	
94 8.2	7.5 11.3
80 9.1	8.1 12.1

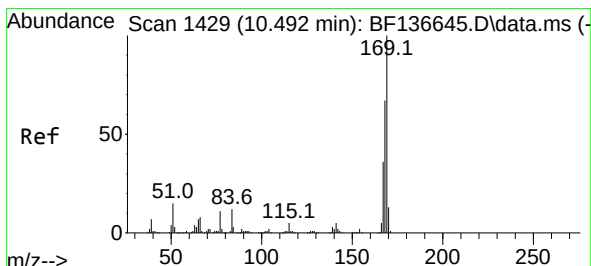
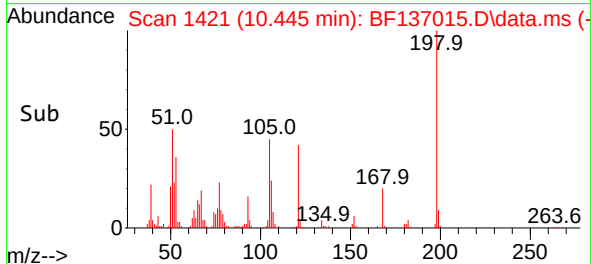
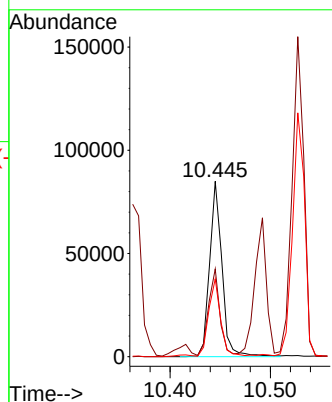
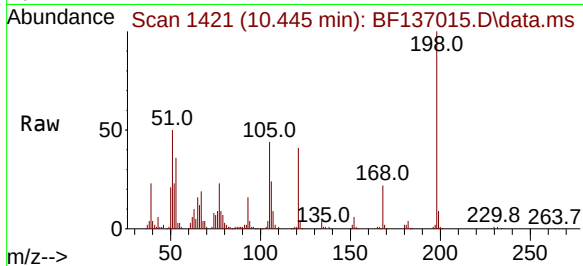




#65
4,6-Dinitro-2-methylphenol
Concen: 41.061 ng
RT: 10.445 min Scan# 1419
Delta R.T. 0.012 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

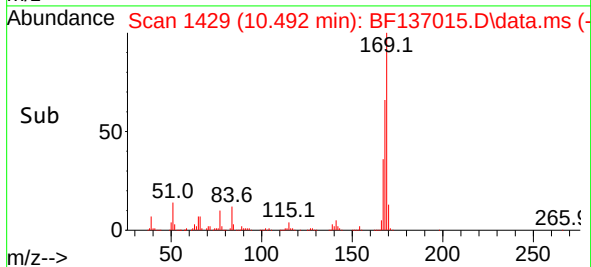
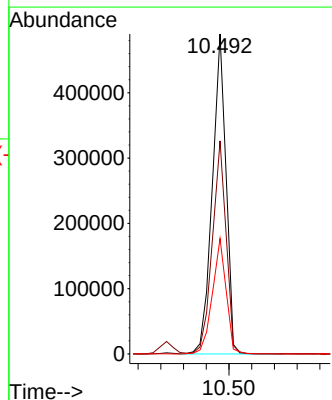
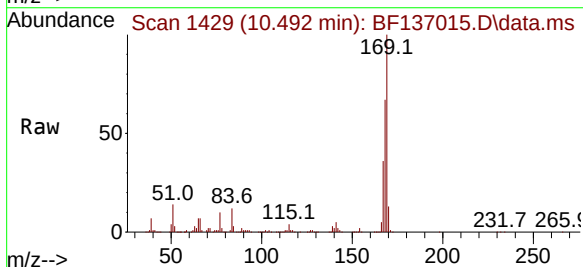
Instrument :
BNA_F
ClientSampleId :
PB158346BS

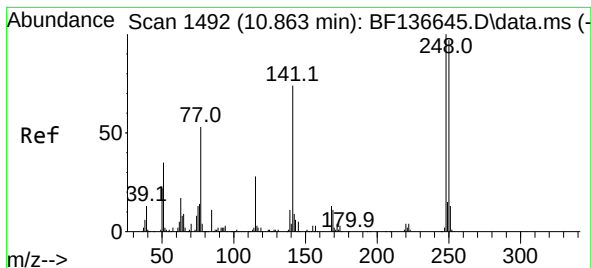
Tgt Ion:198 Resp: 72913
Ion Ratio Lower Upper
198 100
51 50.0 34.1 74.1
105 44.4 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 40.720 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Tgt Ion:169 Resp: 409851
Ion Ratio Lower Upper
169 100
168 66.6 53.8 80.6
167 36.1 28.7 43.1

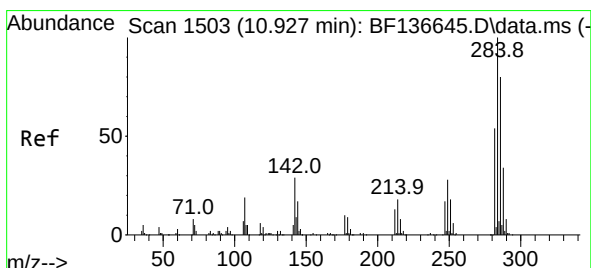
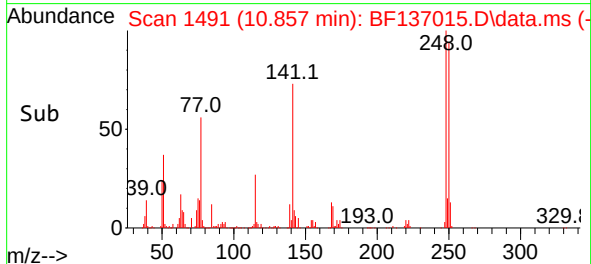
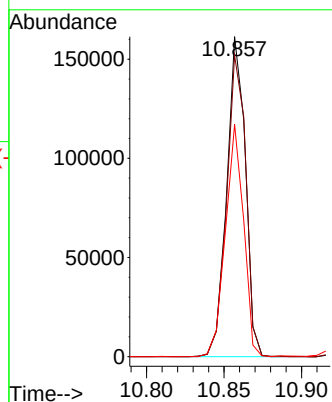
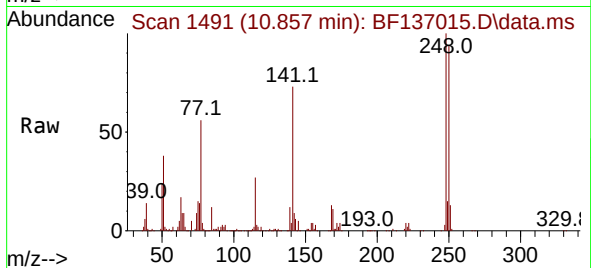




#67
4-Bromophenyl-phenylether
Concen: 39.212 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

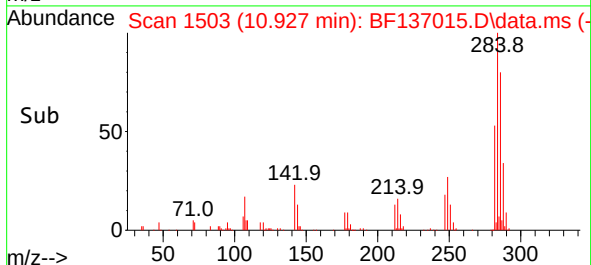
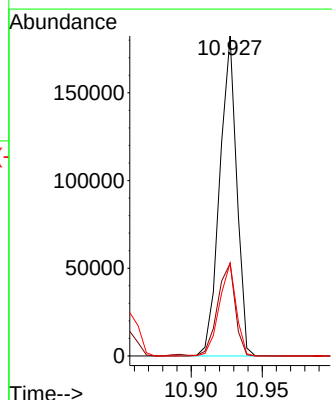
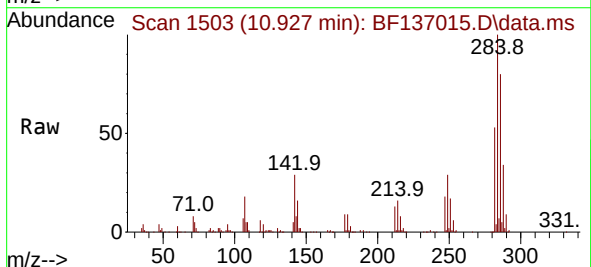
Instrument :
BNA_F
ClientSampleId :
PB158346BS

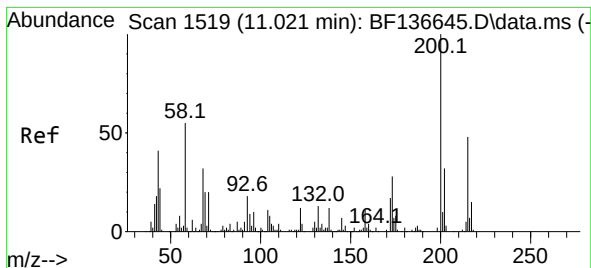
Tgt Ion:248 Resp: 134929
Ion Ratio Lower Upper
248 100
250 94.2 77.8 116.6
141 72.6 59.2 88.8



#68
Hexachlorobenzene
Concen: 39.602 ng
RT: 10.927 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Tgt Ion:284 Resp: 151864
Ion Ratio Lower Upper
284 100
142 28.9 23.4 35.0
249 29.1 22.3 33.5





#69

Atrazine

Concen: 72.925 ng

RT: 11.033 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158346BS

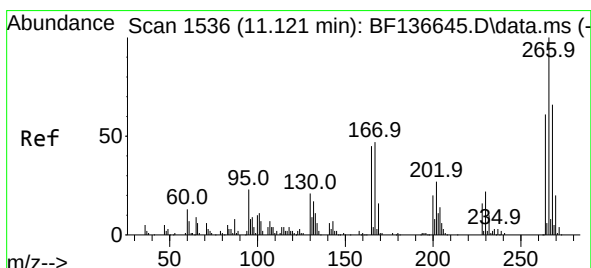
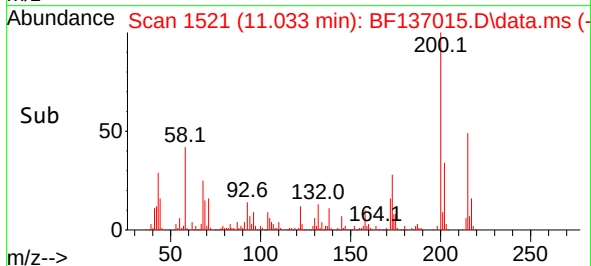
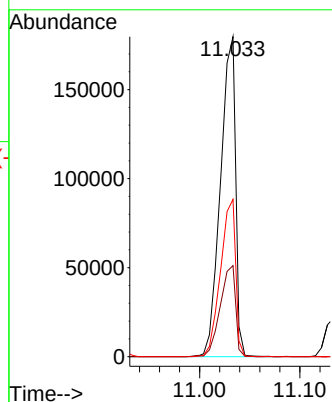
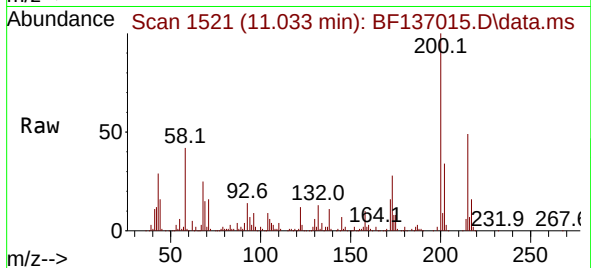
Tgt Ion:200 Resp: 187735

Ion Ratio Lower Upper

200 100

173 28.5 7.6 47.6

215 49.2 28.3 68.3



#70

Pentachlorophenol

Concen: 75.451 ng

RT: 11.133 min Scan# 1538

Delta R.T. 0.012 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

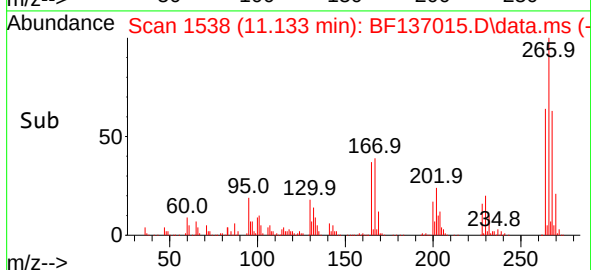
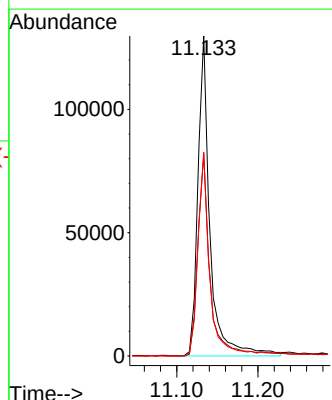
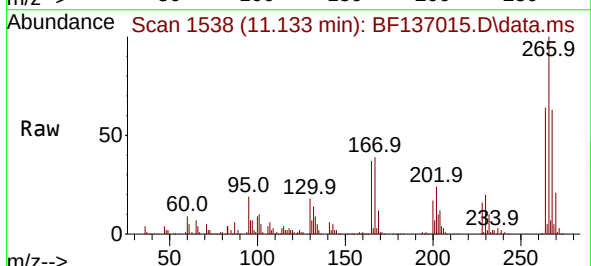
Tgt Ion:266 Resp: 134863

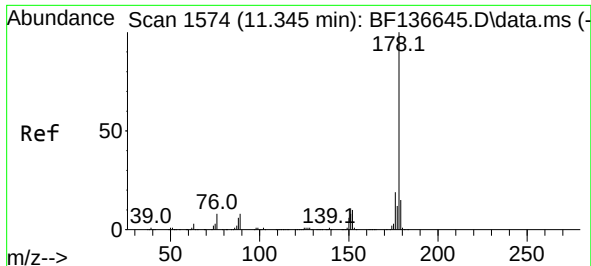
Ion Ratio Lower Upper

266 100

268 63.2 52.6 78.8

264 63.7 49.0 73.4

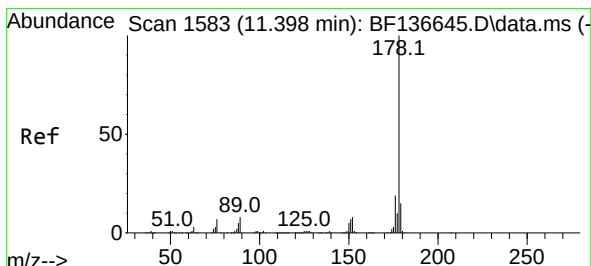
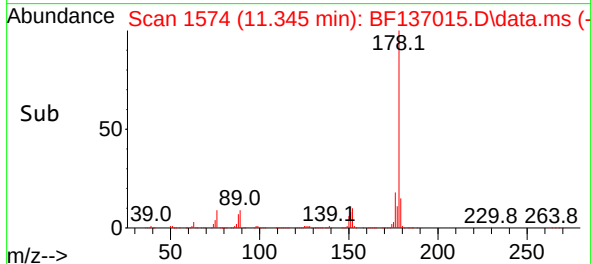
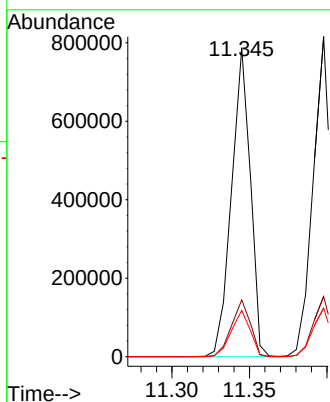
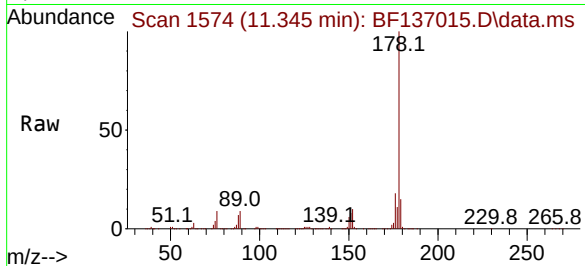




#71
Phenanthrene
Concen: 41.804 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

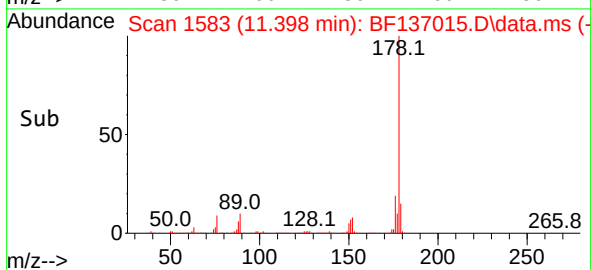
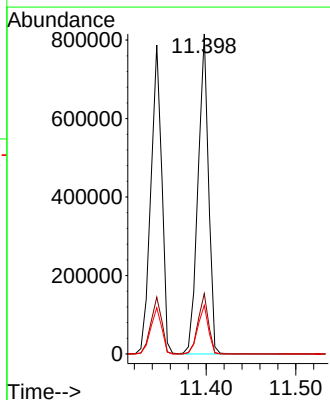
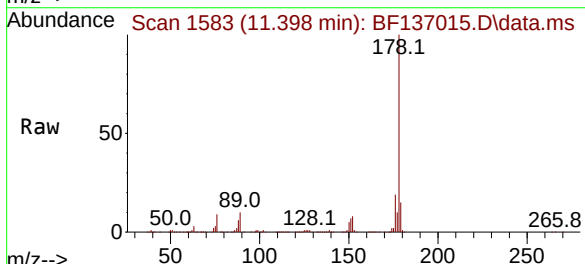
Instrument :
BNA_F
ClientSampleId :
PB158346BS

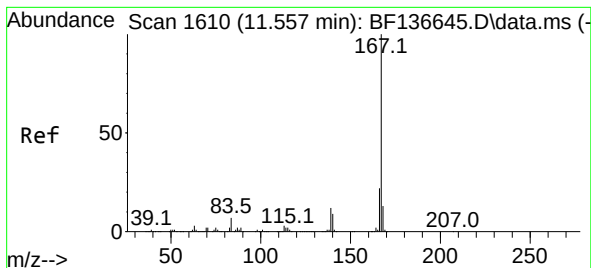
Tgt Ion:178 Resp: 664610
Ion Ratio Lower Upper
178 100
176 18.4 15.3 22.9
179 15.0 11.9 17.9



#72
Anthracene
Concen: 41.151 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Tgt Ion:178 Resp: 662555
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 15.2 11.8 17.6





#73

Carbazole

Concen: 40.821 ng

RT: 11.557 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158346BS

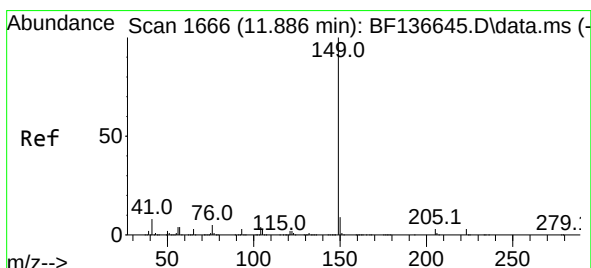
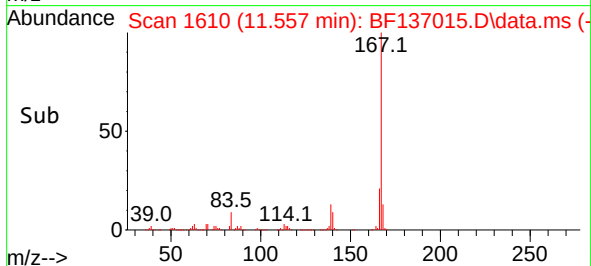
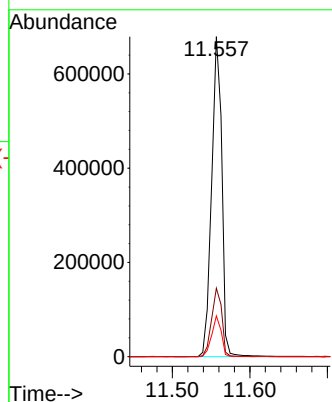
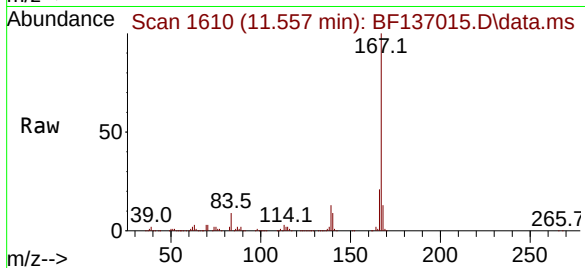
Tgt Ion:167 Resp: 619671

Ion Ratio Lower Upper

167 100

166 21.4 17.3 25.9

139 12.8 9.8 14.6



#74

Di-n-butylphthalate

Concen: 41.806 ng

RT: 11.880 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

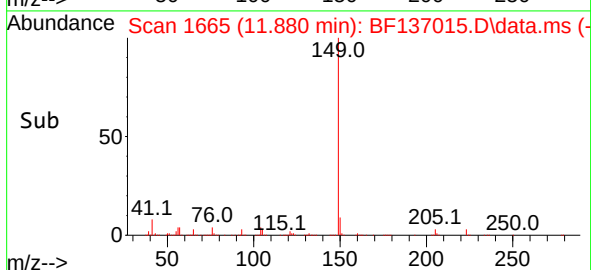
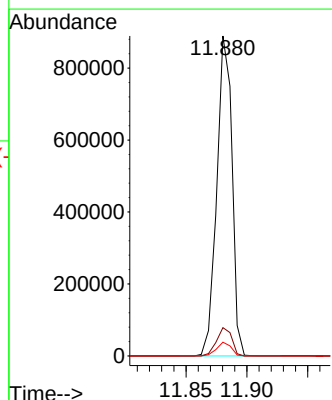
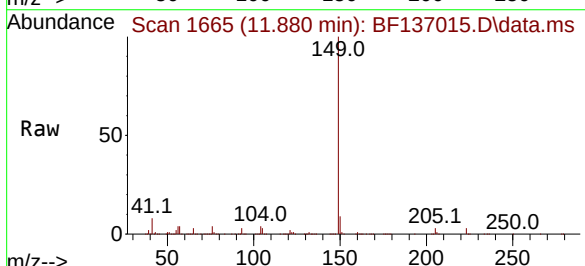
Tgt Ion:149 Resp: 774392

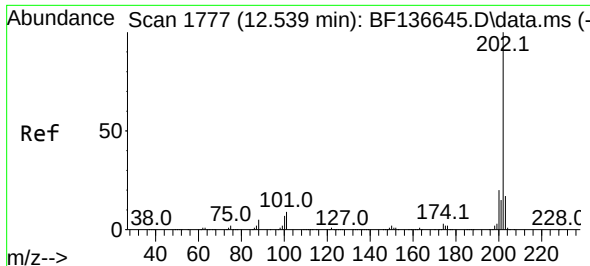
Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.2

104 4.3 3.6 5.4

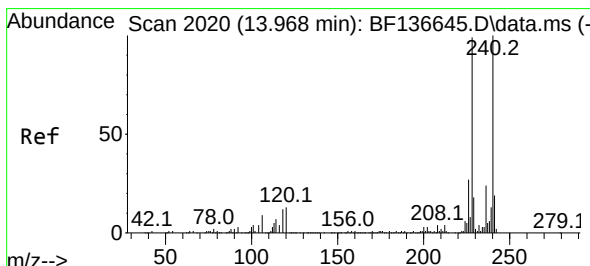
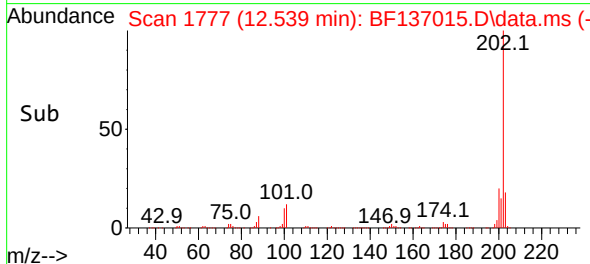
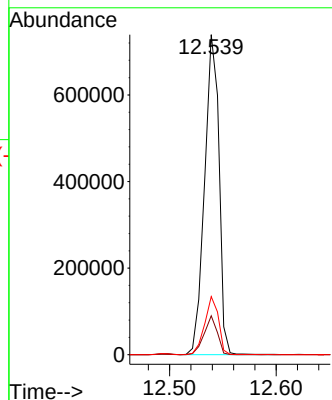
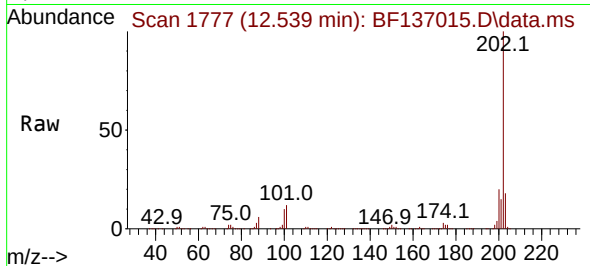




#75
Fluoranthene
Concen: 40.999 ng
RT: 12.539 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

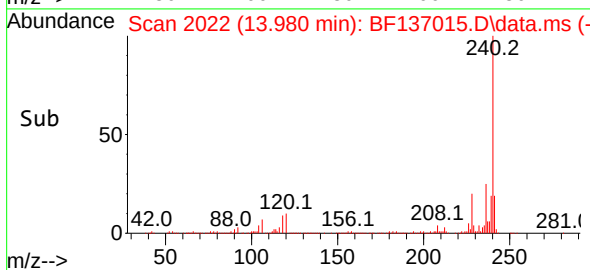
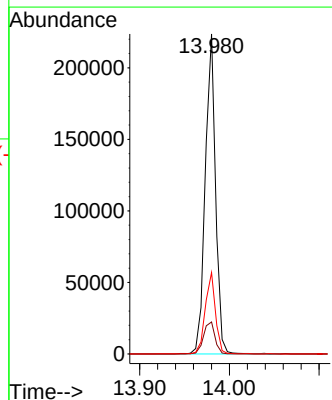
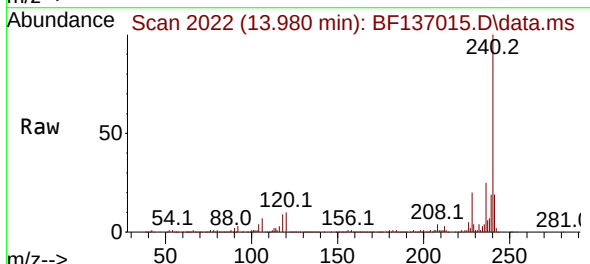
Instrument :
BNA_F
ClientSampleId :
PB158346BS

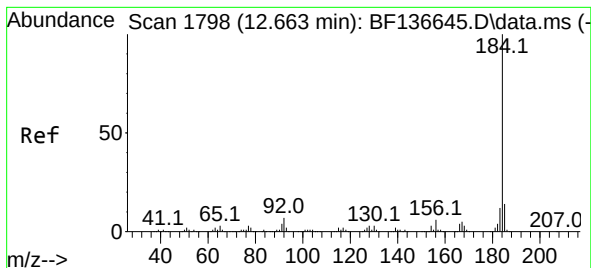
Tgt Ion:202 Resp: 697217
Ion Ratio Lower Upper
202 100
101 12.2 0.0 29.3
203 18.1 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.012 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Tgt Ion:240 Resp: 178506
Ion Ratio Lower Upper
240 100
120 10.0 10.3 15.5#
236 25.4 19.4 29.2





#77

Benzidine

Concen: 25.004 ng

RT: 12.663 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158346BS

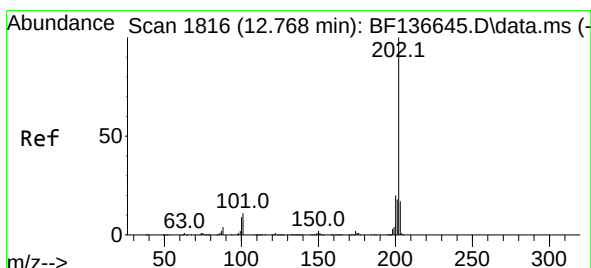
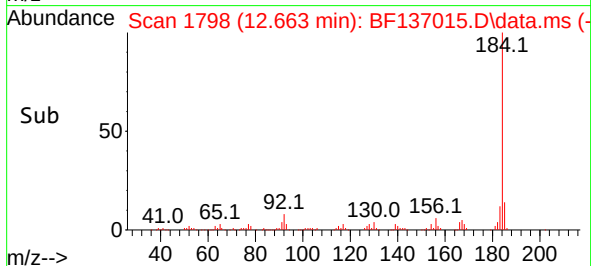
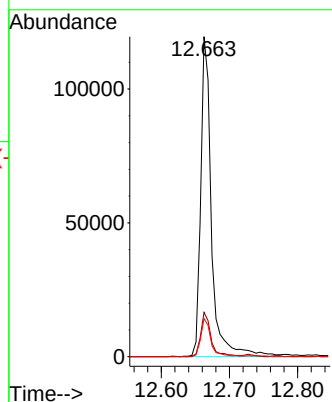
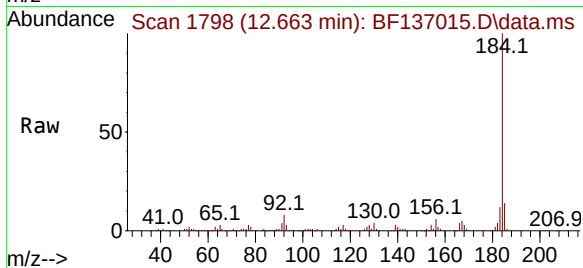
Tgt Ion:184 Resp: 131605

Ion Ratio Lower Upper

184 100

185 13.9 11.2 16.8

183 11.9 9.3 13.9



#78

Pyrene

Concen: 39.764 ng

RT: 12.768 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

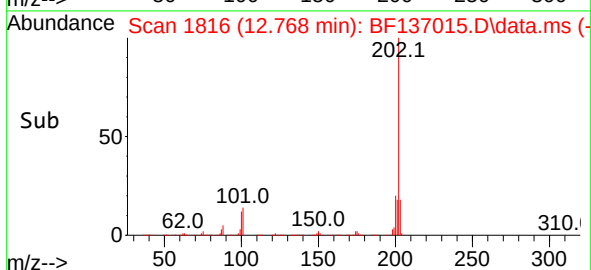
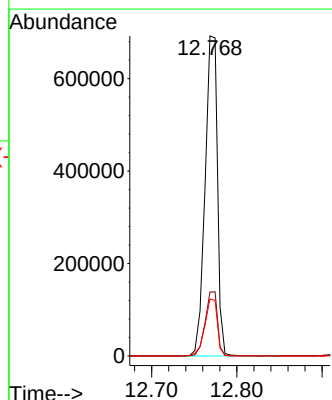
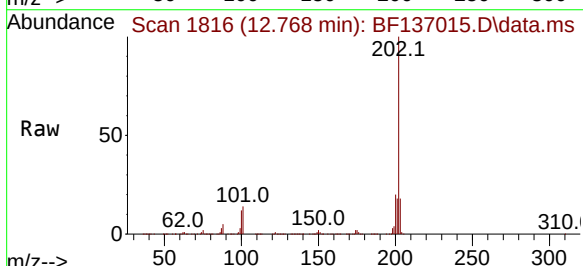
Tgt Ion:202 Resp: 696798

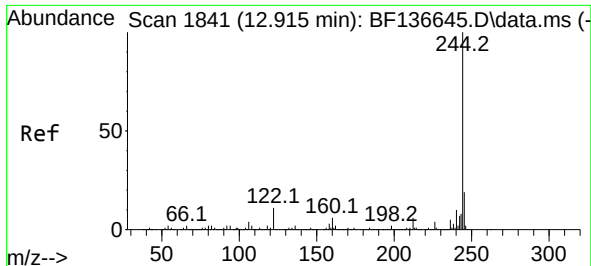
Ion Ratio Lower Upper

202 100

200 20.0 15.9 23.9

203 17.8 13.8 20.6

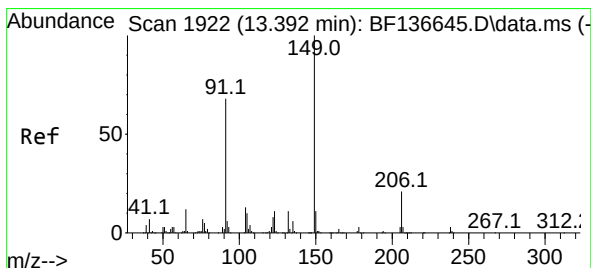
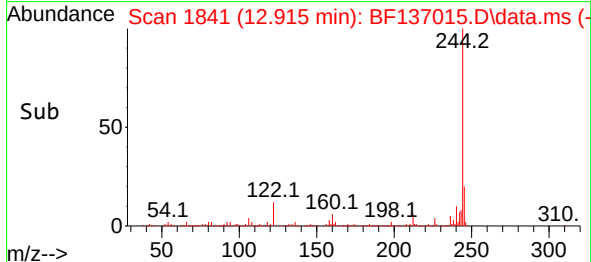
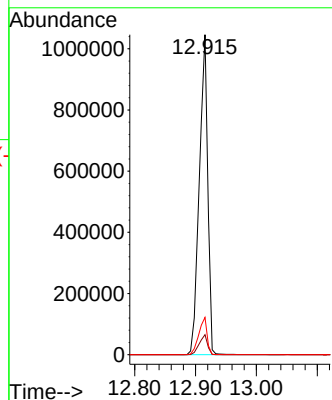
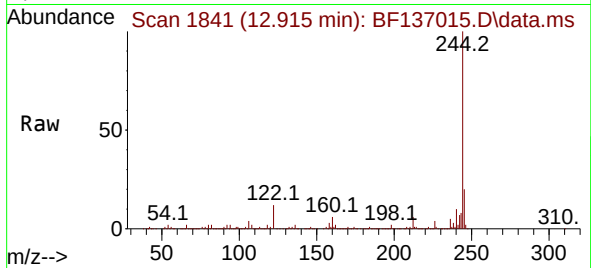




#79
 Terphenyl-d14
 Concen: 78.753 ng
 RT: 12.915 min Scan# 1841
 Delta R.T. 0.000 min
 Lab File: BF137015.D
 Acq: 10 Jan 2024 12:32

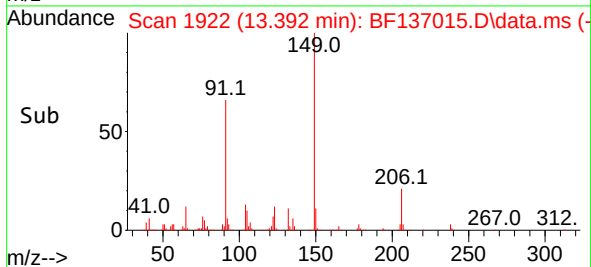
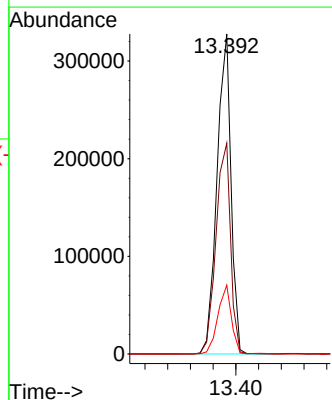
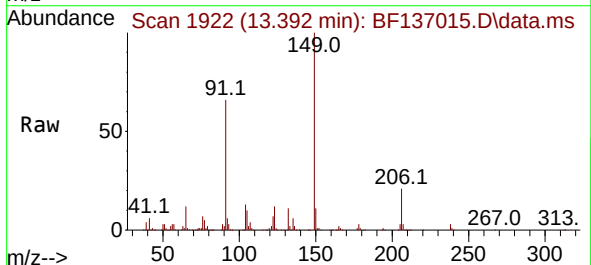
Instrument :
 BNA_F
 ClientSampleId :
 PB158346BS

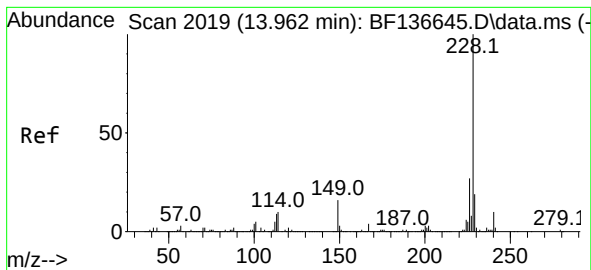
Tgt Ion:244 Resp: 1005959
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 11.7 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 44.092 ng
 RT: 13.392 min Scan# 1922
 Delta R.T. 0.000 min
 Lab File: BF137015.D
 Acq: 10 Jan 2024 12:32

Tgt Ion:149 Resp: 281139
 Ion Ratio Lower Upper
 149 100
 91 65.8 54.1 81.1
 206 21.5 17.1 25.7





#81

Benzo(a)anthracene

Concen: 41.282 ng

RT: 13.968 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158346BS

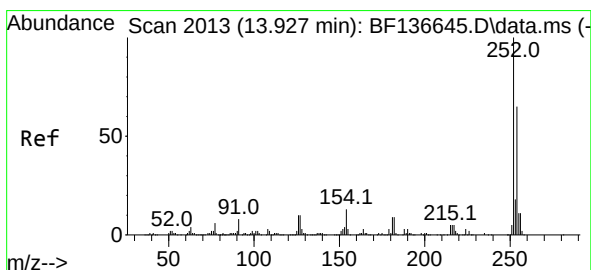
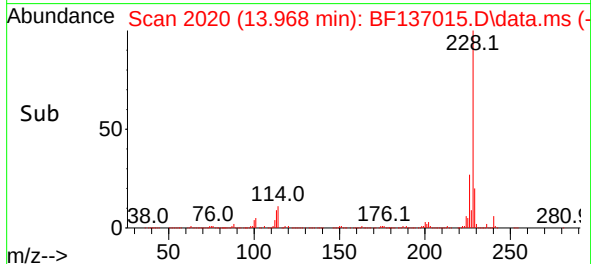
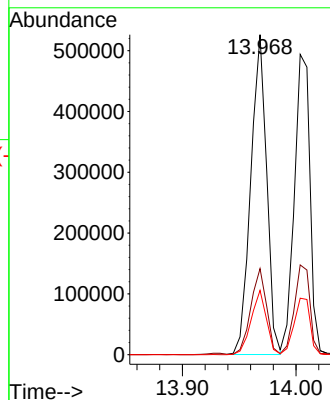
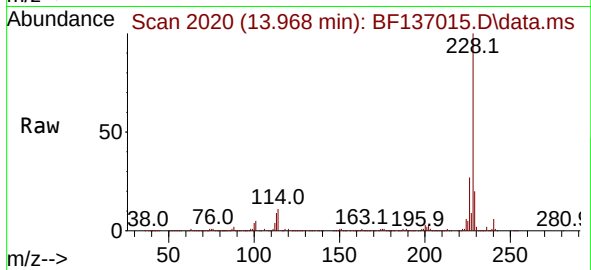
Tgt Ion:228 Resp: 511701

Ion Ratio Lower Upper

228 100

226 26.9 21.4 32.0

229 20.1 14.9 22.3



#82

3,3'-Dichlorobenzidine

Concen: 38.070 ng

RT: 13.927 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

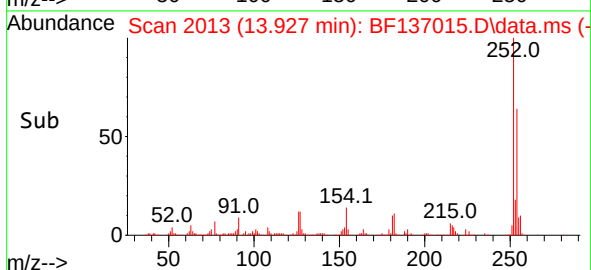
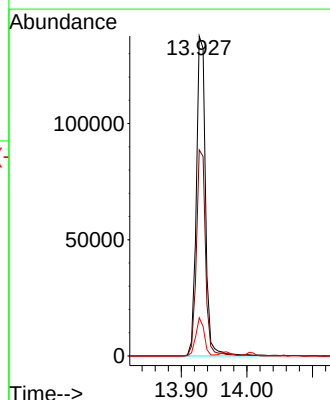
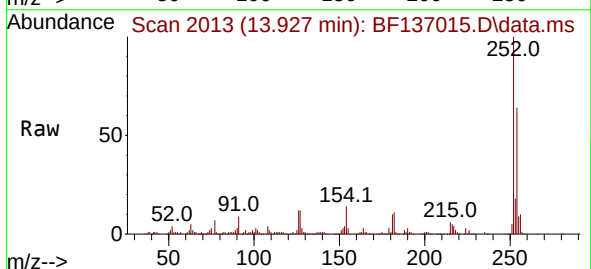
Tgt Ion:252 Resp: 134013

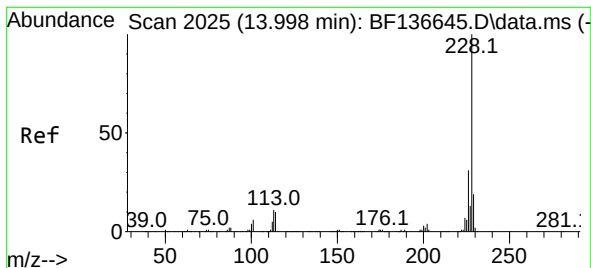
Ion Ratio Lower Upper

252 100

254 64.4 52.2 78.4

126 12.0 8.0 12.0





#83

Chrysene

Concen: 38.870 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158346BS

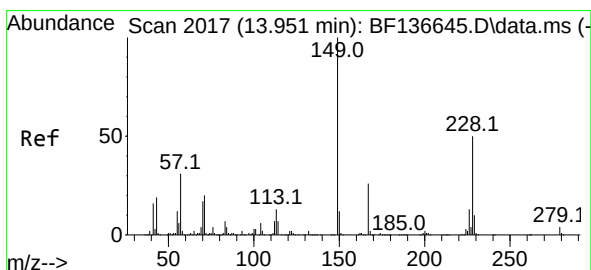
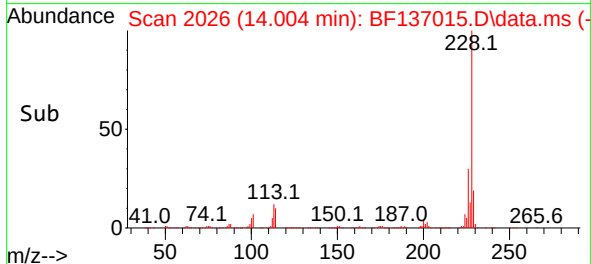
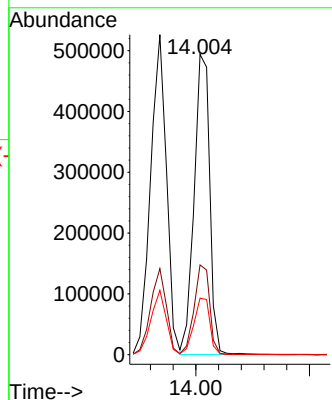
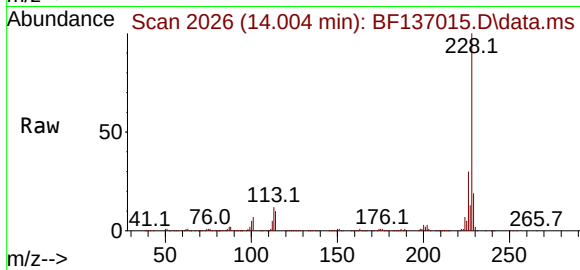
Tgt Ion:228 Resp: 471156

Ion Ratio Lower Upper

228 100

226 29.9 24.7 37.1

229 18.8 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.758 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

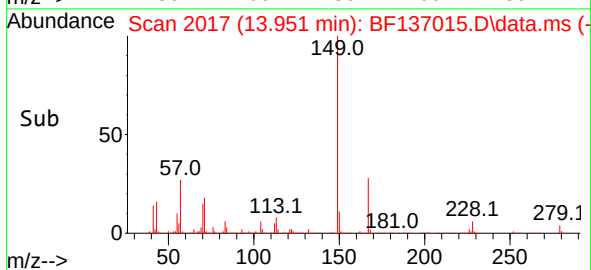
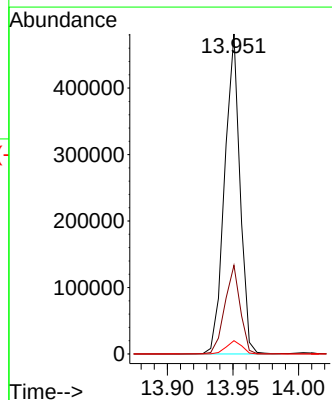
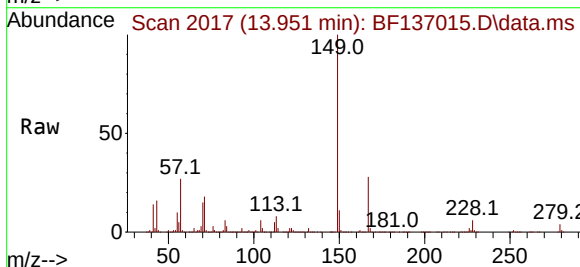
Tgt Ion:149 Resp: 391161

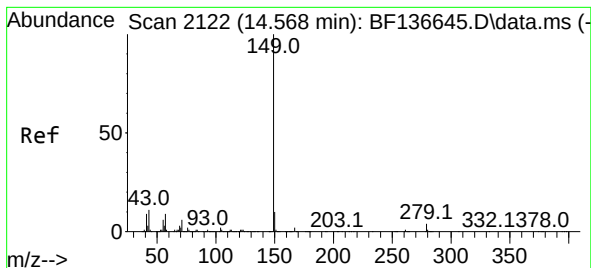
Ion Ratio Lower Upper

149 100

167 27.7 20.9 31.3

279 4.1 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 44.538 ng

RT: 14.568 min Scan# 2122

Delta R.T. 0.000 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158346BS

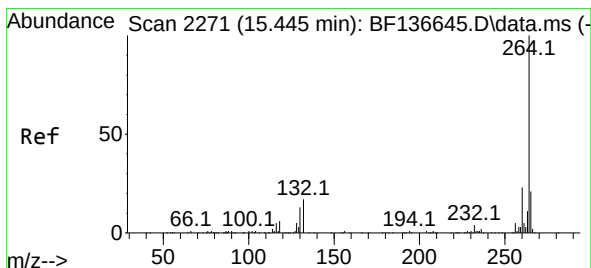
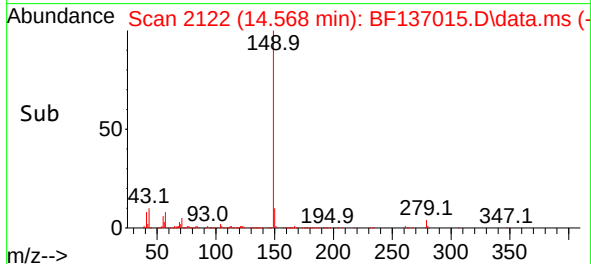
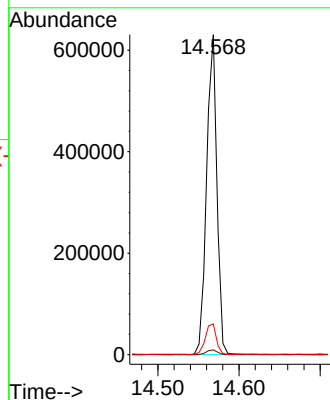
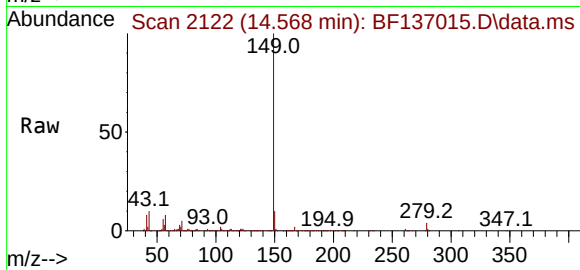
Tgt Ion:149 Resp: 552705

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 10.1 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2274

Delta R.T. 0.018 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

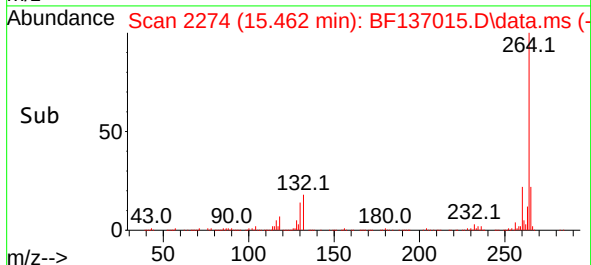
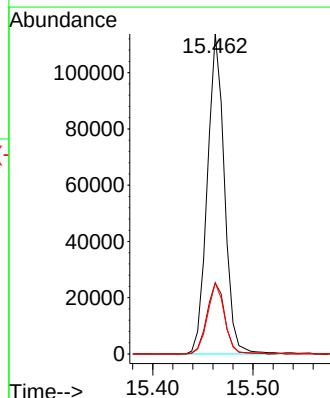
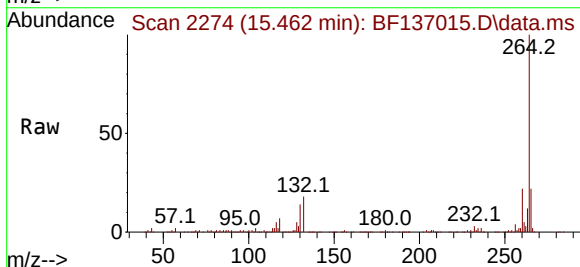
Tgt Ion:264 Resp: 135151

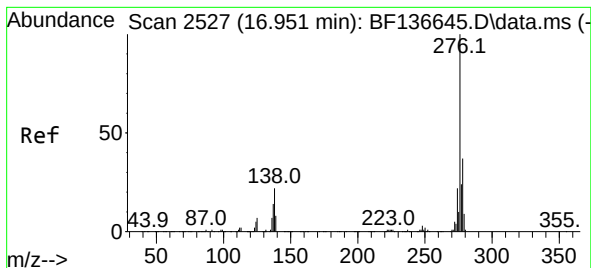
Ion Ratio Lower Upper

264 100

260 22.3 18.3 27.5

265 22.2 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.317 ng

RT: 16.992 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158346BS

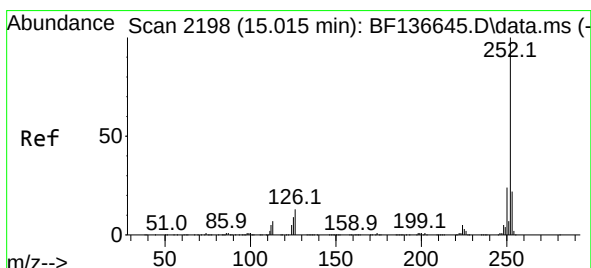
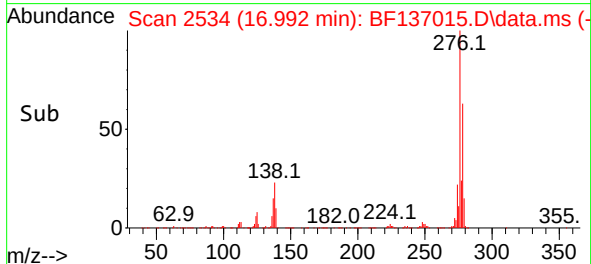
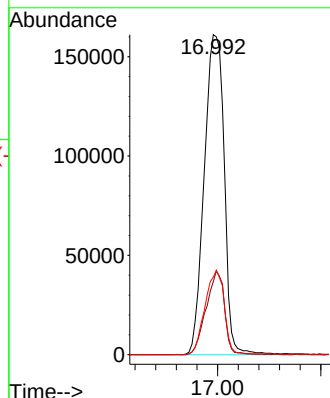
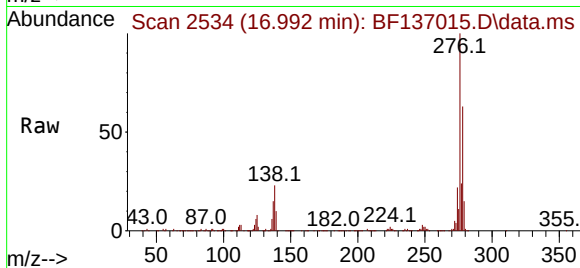
Tgt Ion:276 Resp: 432450

Ion Ratio Lower Upper

276 100

138 24.0 18.7 28.1

277 25.5 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 44.729 ng

RT: 15.027 min Scan# 2200

Delta R.T. 0.012 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

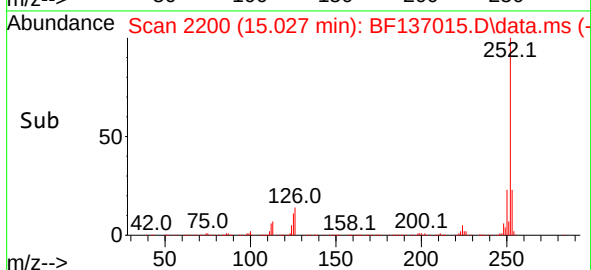
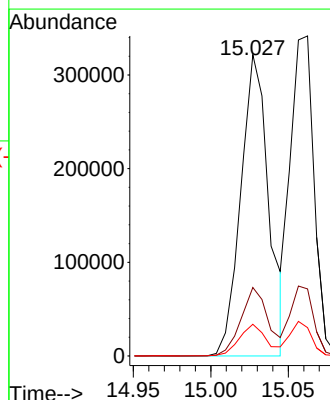
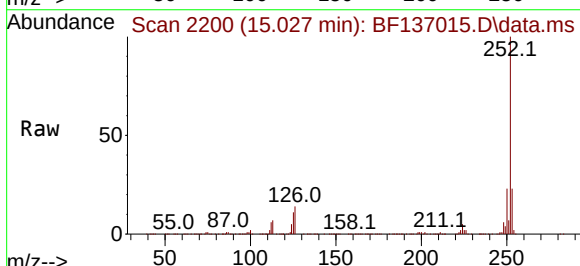
Tgt Ion:252 Resp: 403758

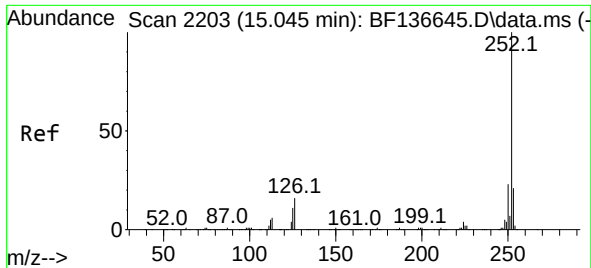
Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.0

125 10.5 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 42.853 ng

RT: 15.062 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158346BS

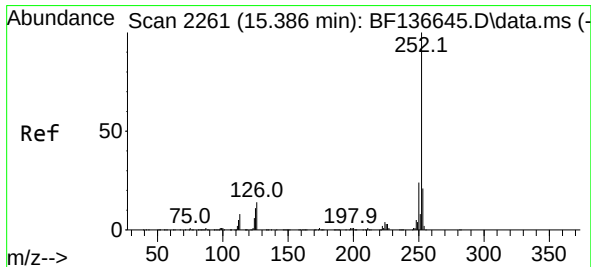
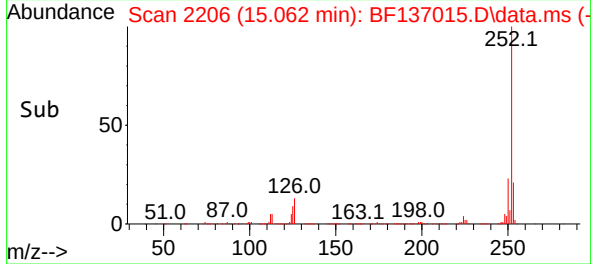
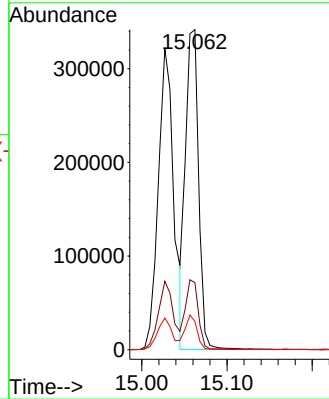
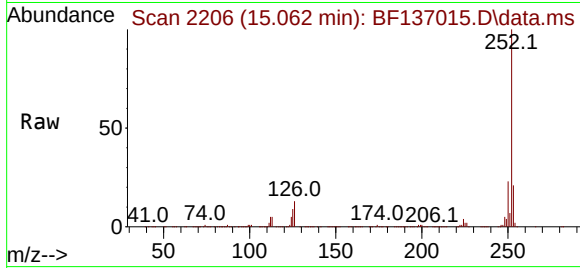
Tgt Ion:252 Resp: 365520

Ion Ratio Lower Upper

252 100

253 21.0 17.0 25.6

125 8.8 8.2 12.4



#90

Benzo(a)pyrene

Concen: 43.740 ng

RT: 15.404 min Scan# 2264

Delta R.T. 0.018 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

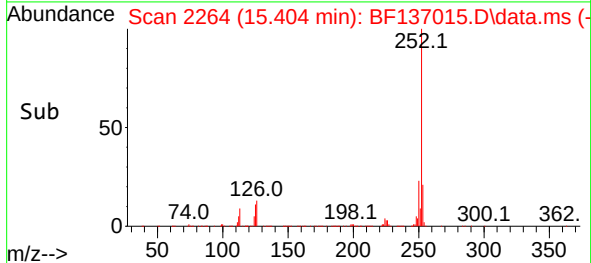
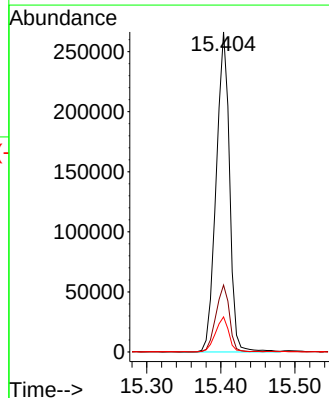
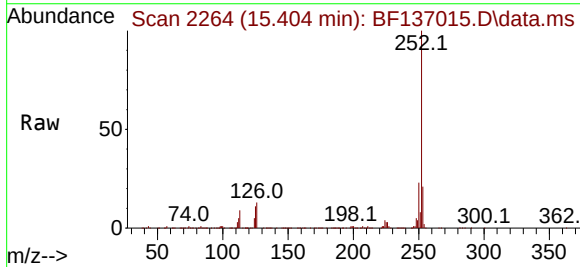
Tgt Ion:252 Resp: 333286

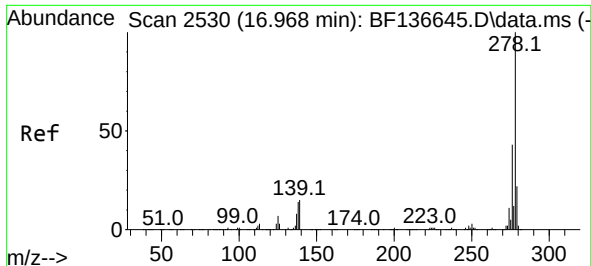
Ion Ratio Lower Upper

252 100

253 20.9 17.0 25.6

125 11.0 8.8 13.2

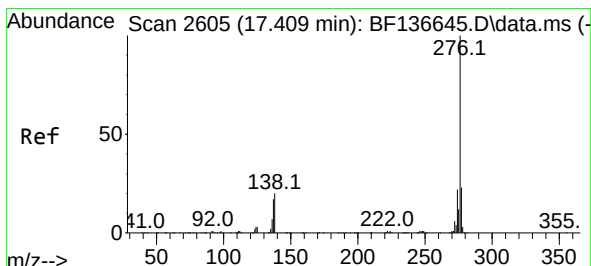
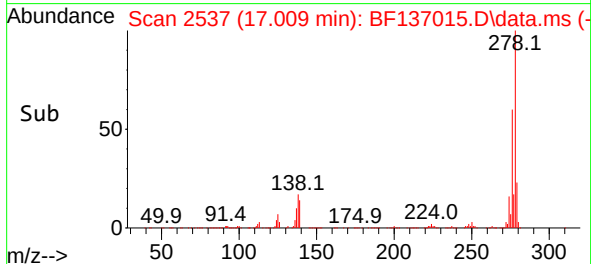
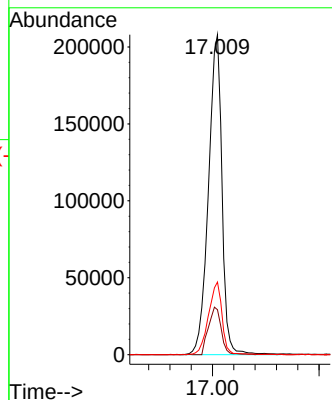
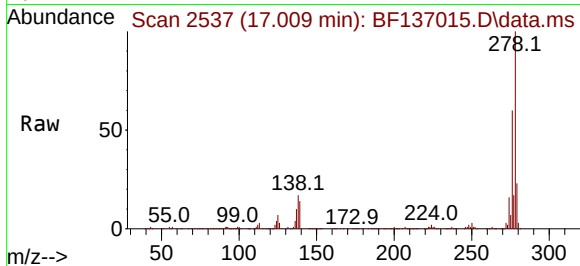




#91
Dibenzo(a,h)anthracene
Concen: 45.741 ng
RT: 17.009 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Instrument :
BNA_F
ClientSampleId :
PB158346BS

Tgt Ion:278 Resp: 366179
Ion Ratio Lower Upper
278 100
139 14.0 12.2 18.4
279 22.7 17.8 26.6



#92
Benzo(g,h,i)perylene
Concen: 44.666 ng
RT: 17.456 min Scan# 2613
Delta R.T. 0.047 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Tgt Ion:276 Resp: 366231
Ion Ratio Lower Upper
276 100
277 23.4 18.3 27.5
138 19.5 15.6 23.4

