

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011024\
 Data File : BF137014.D
 Acq On : 10 Jan 2024 11:59
 Operator : CG\JU
 Sample : PB158292BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158292BS

Quant Time: Jan 10 12:25:07 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	6.787	152	73809	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	294125	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	155615	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	309120	20.000	ng	0.00
76) Chrysene-d12	13.980	240	179726	20.000	ng	0.01
86) Perylene-d12	15.463	264	136894	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	534943	113.084	ng	0.02
7) Phenol-d6	6.445	99	679257	110.817	ng	0.00
23) Nitrobenzene-d5	7.351	82	412426	71.753	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	212590	115.997	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	855397	73.932	ng	0.00
79) Terphenyl-d14	12.916	244	998224	77.617	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	65761	33.364	ng	97
3) Pyridine	3.404	79	152645	31.741	ng	97
4) n-Nitrosodimethylamine	3.375	42	88137	34.320	ng	88
6) Aniline	6.451	93	202363	33.021	ng	# 53
8) 2-Chlorophenol	6.581	128	208067	40.193	ng	93
9) Benzaldehyde	6.340	77	73925	21.203	ng	97
10) Phenol	6.457	94	253233	38.701	ng	97
11) bis(2-Chloroethyl)ether	6.528	93	189124	38.006	ng	98
12) 1,3-Dichlorobenzene	6.728	146	206257	36.523	ng	97
13) 1,4-Dichlorobenzene	6.804	146	208882	36.200	ng	97
14) 1,2-Dichlorobenzene	6.951	146	200237	37.293	ng	100
15) Benzyl Alcohol	6.940	79	165411	40.000	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.063	45	294001	36.137	ng	69
17) 2-Methylphenol	7.057	107	166448	38.812	ng	# 94
18) Hexachloroethane	7.287	117	74842	35.714	ng	98
19) n-Nitroso-di-n-propyla...	7.204	70	141361	38.044	ng	97
20) 3+4-Methylphenols	7.210	107	215170	40.160	ng	# 53
22) Acetophenone	7.198	105	290714	39.434	ng	# 90
24) Nitrobenzene	7.375	77	207672	36.068	ng	92
25) Isophorone	7.610	82	390058	37.294	ng	100
26) 2-Nitrophenol	7.687	139	110938	40.271	ng	99
27) 2,4-Dimethylphenol	7.728	122	189495	56.501	ng	97
28) bis(2-Chloroethoxy)met...	7.816	93	241802	38.035	ng	99
29) 2,4-Dichlorophenol	7.934	162	174351	40.380	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	178614	37.128	ng	97
31) Naphthalene	8.087	128	597241	36.962	ng	100
32) Benzoic acid	7.887	122	123931	38.191	ng	97
33) 4-Chloroaniline	8.139	127	130636	21.897	ng	98
34) Hexachlorobutadiene	8.198	225	104793	35.853	ng	98
35) Caprolactam	8.528	113	41397	29.063	ng	97
36) 4-Chloro-3-methylphenol	8.639	107	195296	40.177	ng	94
37) 2-Methylnaphthalene	8.781	142	397579	38.232	ng	100
38) 1-Methylnaphthalene	8.881	142	371394	36.403	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	189689	39.360	ng	99
41) Hexachlorocyclopentadiene	8.928	237	110783	72.580	ng	97
43) 2,4,6-Trichlorophenol	9.069	196	122069	39.495	ng	96

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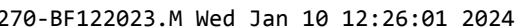
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 ClientSampleId :
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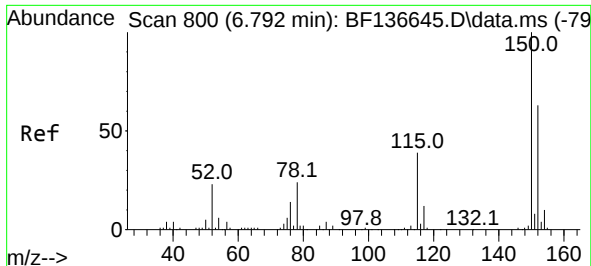
Quant Time: Jan 10 12:25:07 2024
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 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	133617	38.795	ng	95
46) 1,1'-Biphenyl	9.245	154	514905	39.431	ng	99
47) 2-Chloronaphthalene	9.269	162	380548	38.334	ng	99
48) 2-Nitroaniline	9.375	65	123335	39.674	ng	96
49) Acenaphthylene	9.686	152	602133	39.683	ng	99
50) Dimethylphthalate	9.551	163	454678	40.002	ng	100
51) 2,6-Dinitrotoluene	9.622	165	100635	39.011	ng	99
52) Acenaphthene	9.857	154	366127	38.925	ng	99
53) 3-Nitroaniline	9.792	138	84333	30.861	ng	94
54) 2,4-Dinitrophenol	9.910	184	97302	68.616	ng	90
55) Dibenzofuran	10.033	168	548337	38.458	ng	98
56) 4-Nitrophenol	9.980	139	119449	64.752	ng	98
57) 2,4-Dinitrotoluene	10.033	165	128981	38.515	ng	94
58) Fluorene	10.375	166	454254	40.153	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	111488	42.051	ng	96
60) Diethylphthalate	10.251	149	460728	39.066	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	217260	39.509	ng	94
62) 4-Nitroaniline	10.416	138	102603	38.948	ng	94
63) Azobenzene	10.528	77	426144	38.687	ng	98
65) 4,6-Dinitro-2-methylph...	10.445	198	71785	40.521	ng	93
66) n-Nitrosodiphenylamine	10.492	169	402839	40.117	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	132582	38.620	ng	99
68) Hexachlorobenzene	10.928	284	148345	38.775	ng	99
69) Atrazine	11.033	200	184894	71.989	ng	98
70) Pentachlorophenol	11.133	266	137823	77.288	ng	98
71) Phenanthrene	11.345	178	656546	41.393	ng	99
72) Anthracene	11.398	178	656116	40.846	ng	99
73) Carbazole	11.557	167	623379	41.162	ng	100
74) Di-n-butylphthalate	11.880	149	765477	41.422	ng	99
75) Fluoranthene	12.539	202	687674	40.533	ng	96
77) Benzidine	12.663	184	131013	24.722	ng	100
78) Pyrene	12.774	202	704188	39.913	ng	100
80) Butylbenzylphthalate	13.392	149	288594	44.954	ng	96
81) Benzo(a)anthracene	13.968	228	516475	41.384	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	135167	38.137	ng	99
83) Chrysene	14.010	228	476214	39.021	ng	98
84) Bis(2-ethylhexyl)phtha...	13.951	149	398200	49.299	ng	98
85) Di-n-octyl phthalate	14.568	149	560953	44.896	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	435376	44.049	ng	99
88) Benzo(b)fluoranthene	15.027	252	402507	44.022	ng	98
89) Benzo(k)fluoranthene	15.063	252	367304	42.514	ng	98
90) Benzo(a)pyrene	15.404	252	330208	42.785	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	367436	45.313	ng	99
92) Benzo(g,h,i)perylene	17.462	276	363579	43.778	ng	100

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

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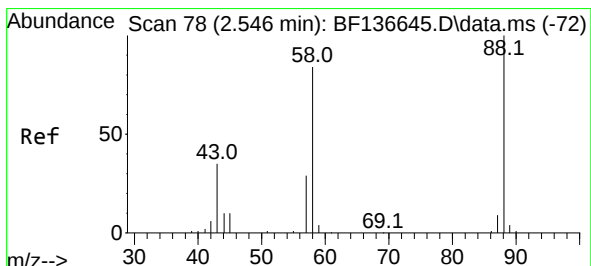
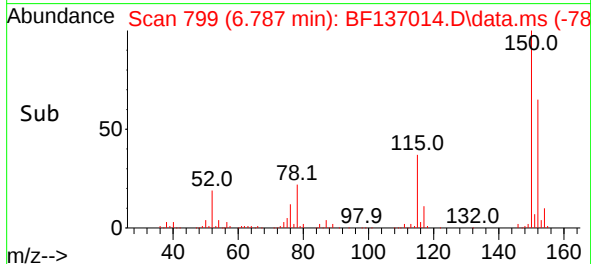
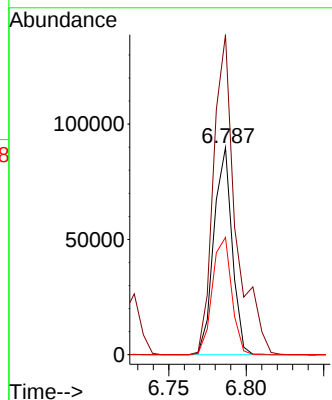
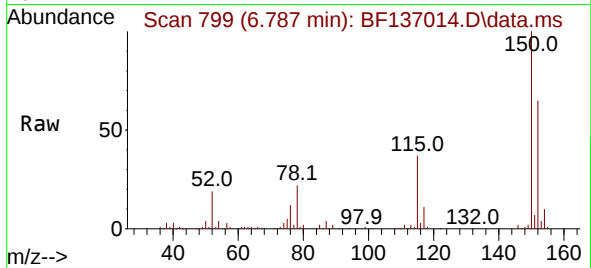




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF137014.D
 Acq: 10 Jan 2024 11:59

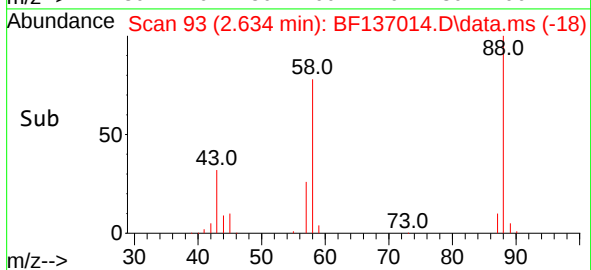
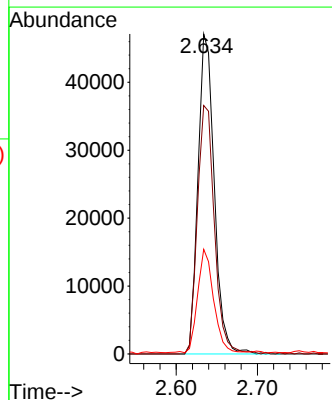
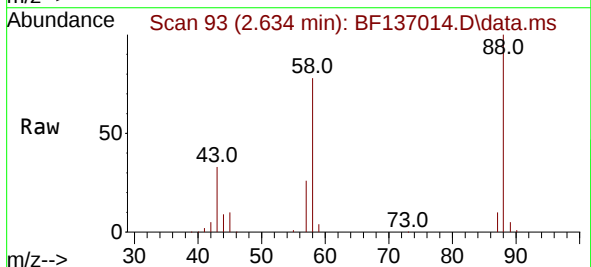
Instrument :
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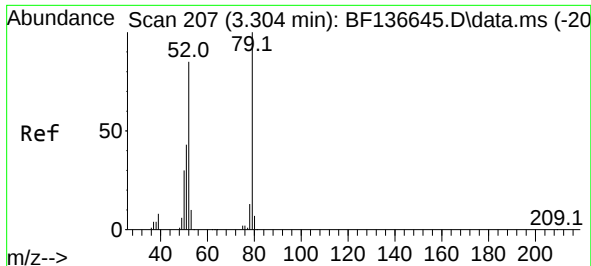
Tgt Ion:152 Resp: 73809
 Ion Ratio Lower Upper
 152 100
 150 154.5 127.0 190.6
 115 56.6 49.0 73.4



#2
 1,4-Dioxane
 Concen: 33.364 ng
 RT: 2.634 min Scan# 93
 Delta R.T. 0.088 min
 Lab File: BF137014.D
 Acq: 10 Jan 2024 11:59

Tgt Ion: 88 Resp: 65761
 Ion Ratio Lower Upper
 88 100
 58 81.3 67.4 101.0
 43 32.3 27.7 41.5

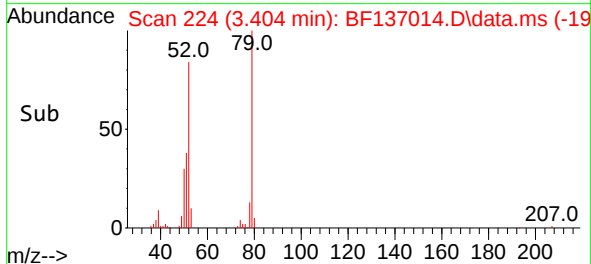
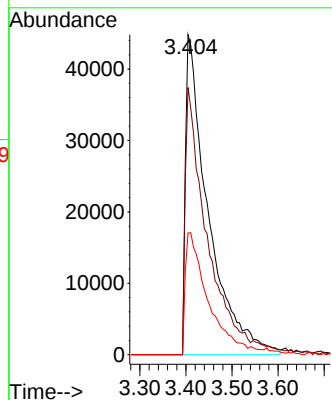
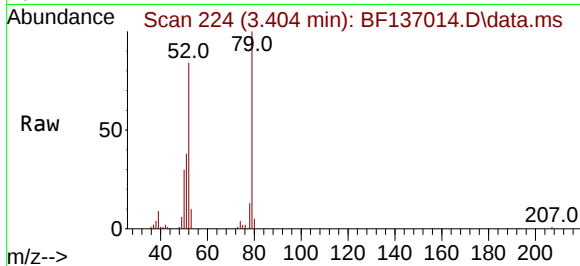




#3
Pyridine
Concen: 31.741 ng
RT: 3.404 min Scan# 219
Delta R.T. 0.100 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

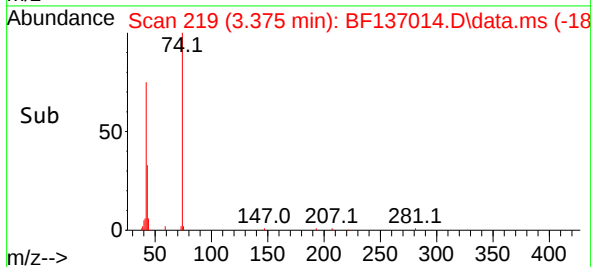
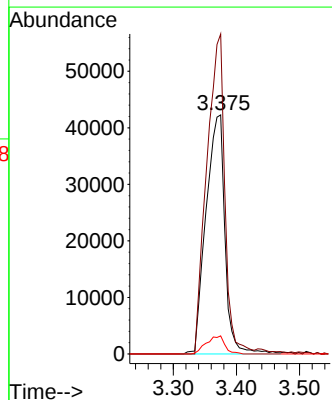
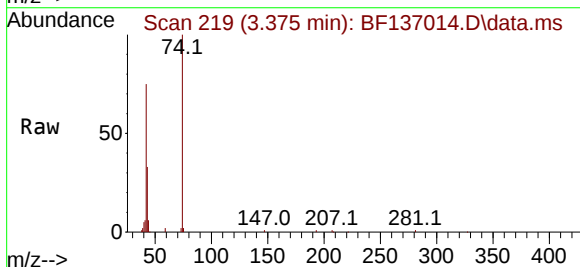
Instrument :
BNA_F
ClientSampleId :
PB158292BS

Tgt Ion: 79 Resp: 152645
Ion Ratio Lower Upper
79 100
52 83.5 67.7 101.5
51 38.0 34.0 51.0



#4
n-Nitrosodimethylamine
Concen: 34.320 ng
RT: 3.375 min Scan# 219
Delta R.T. 0.100 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

Tgt Ion: 42 Resp: 88137
Ion Ratio Lower Upper
42 100
74 133.8 96.0 144.0
44 7.6 5.4 8.2

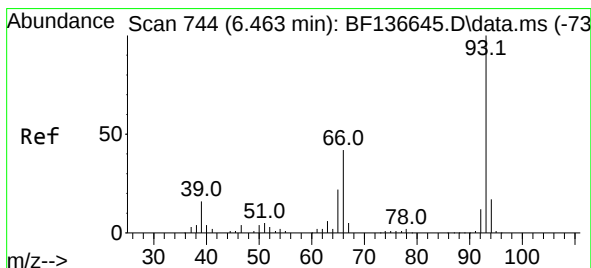
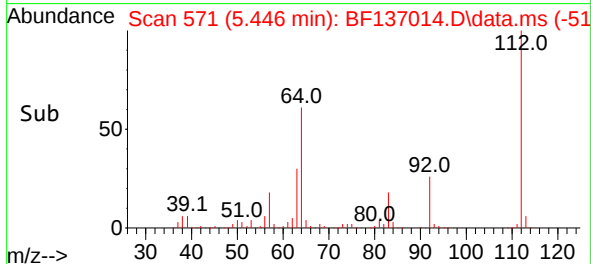
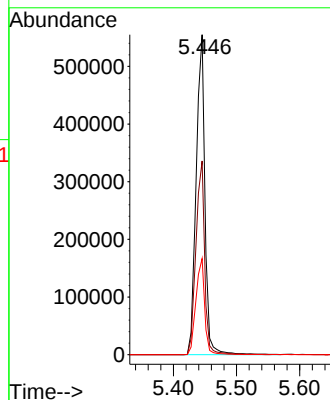
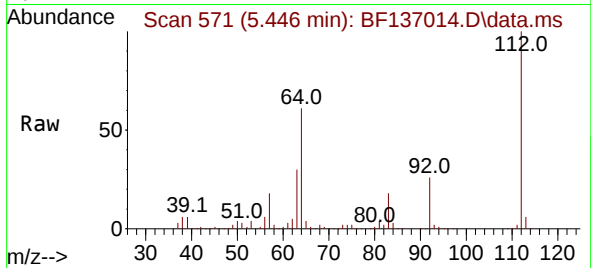




#5
2-Fluorophenol
Concen: 113.084 ng
RT: 5.446 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

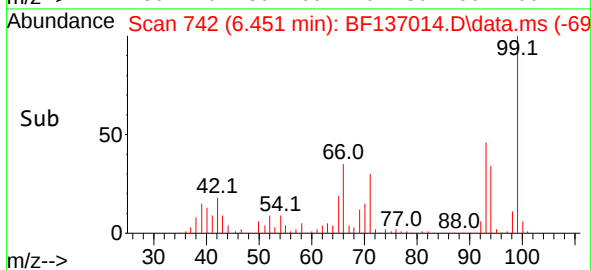
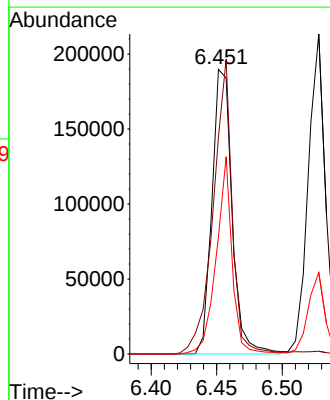
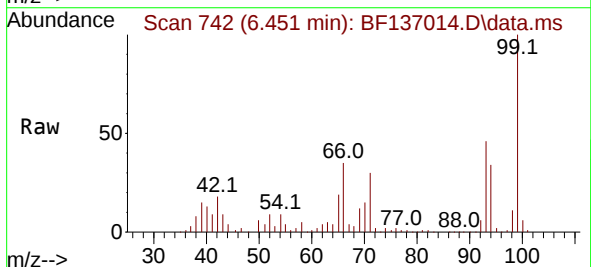
Instrument :
BNA_F
ClientSampleId :
PB158292BS

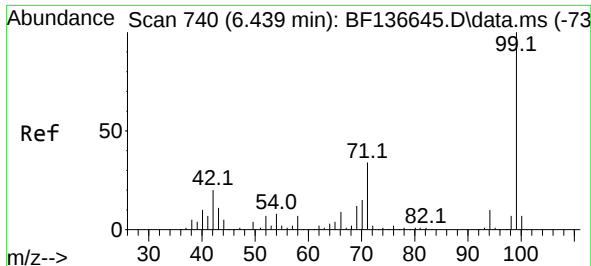
Tgt Ion:112 Resp: 534943
Ion Ratio Lower Upper
112 100
64 60.6 51.1 76.7
63 30.1 26.1 39.1



#6
Aniline
Concen: 33.021 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

Tgt Ion: 93 Resp: 202363
Ion Ratio Lower Upper
93 100
66 76.3 34.6 51.8#
65 41.1 17.8 26.8#





#7

Phenol-d6

Concen: 110.817 ng

RT: 6.445 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF137014.D

Acq: 10 Jan 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB158292BS

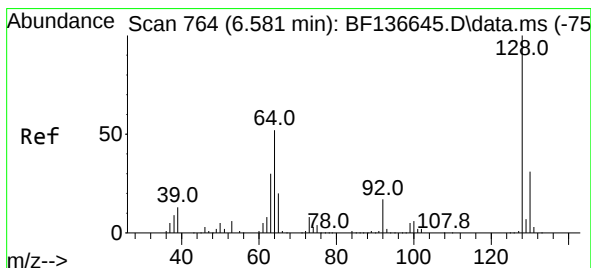
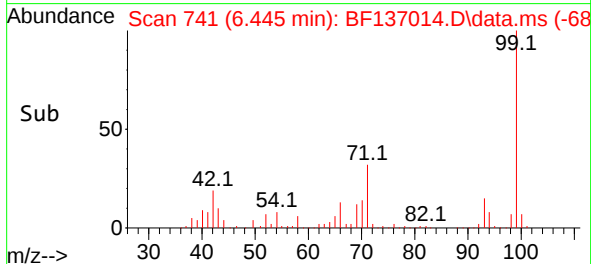
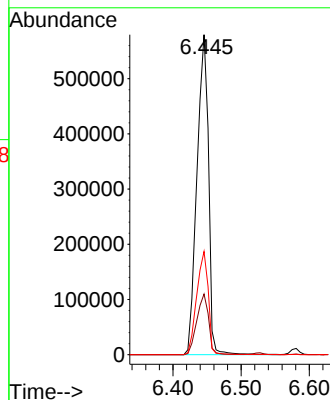
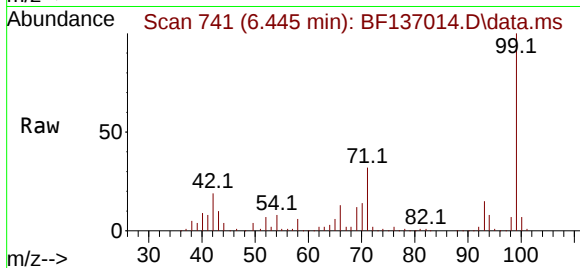
Tgt Ion: 99 Resp: 679257

Ion Ratio Lower Upper

99 100

42 19.0 16.1 24.1

71 32.3 27.4 41.2



#8

2-Chlorophenol

Concen: 40.193 ng

RT: 6.581 min Scan# 764

Delta R.T. 0.000 min

Lab File: BF137014.D

Acq: 10 Jan 2024 11:59

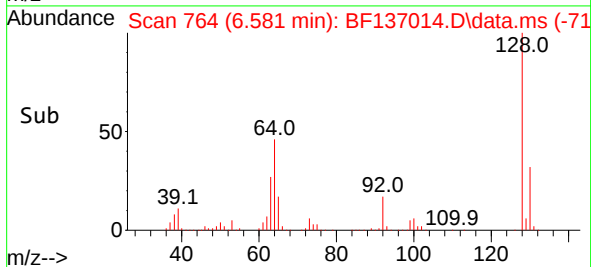
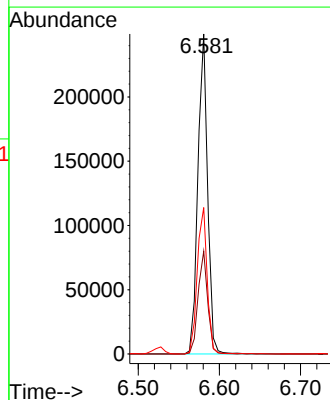
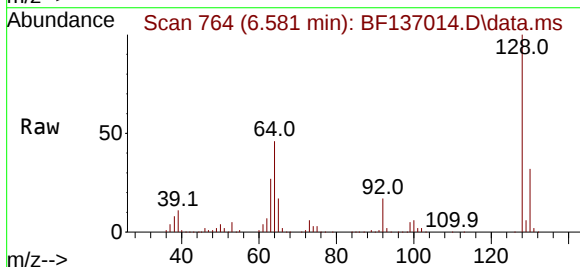
Tgt Ion:128 Resp: 208067

Ion Ratio Lower Upper

128 100

130 32.1 11.3 51.3

64 45.8 32.5 72.5

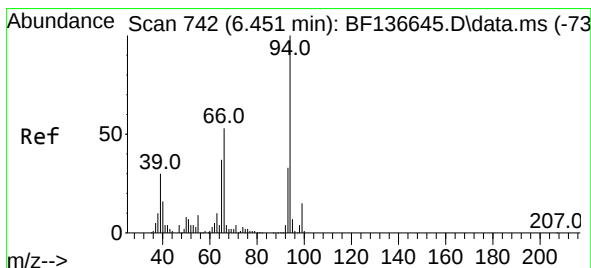
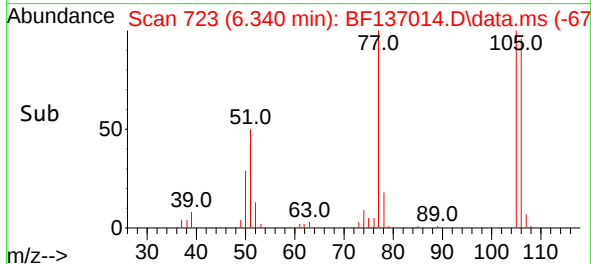
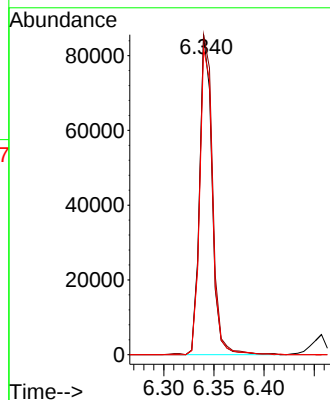
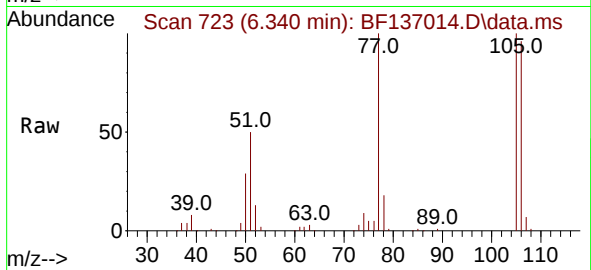




#9
Benzaldehyde
Concen: 21.203 ng
RT: 6.340 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

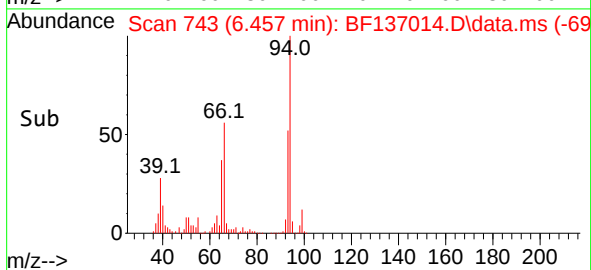
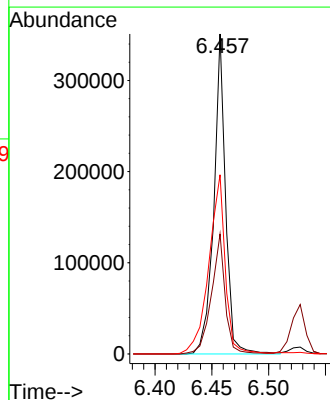
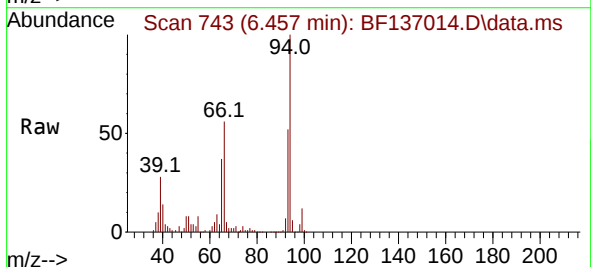
Instrument :
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PB158292BS

Tgt Ion: 77 Resp: 73925
Ion Ratio Lower Upper
77 100
105 100.1 84.8 124.8
106 95.8 77.8 117.8



#10
Phenol
Concen: 38.701 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

Tgt Ion: 94 Resp: 253233
Ion Ratio Lower Upper
94 100
65 37.5 16.6 56.6
66 56.0 32.6 72.6

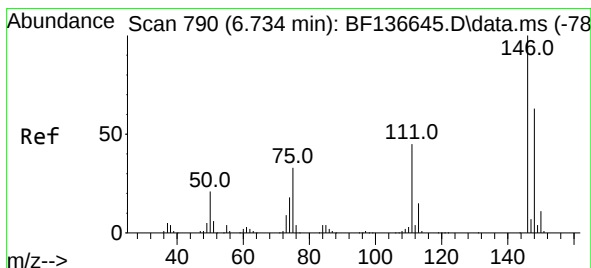
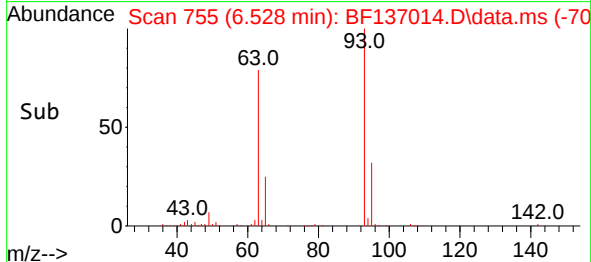
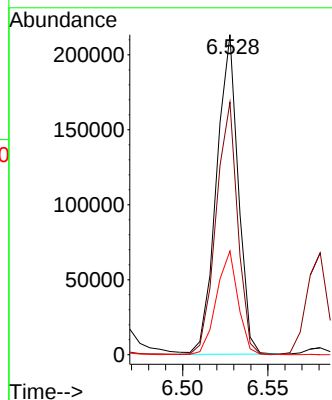
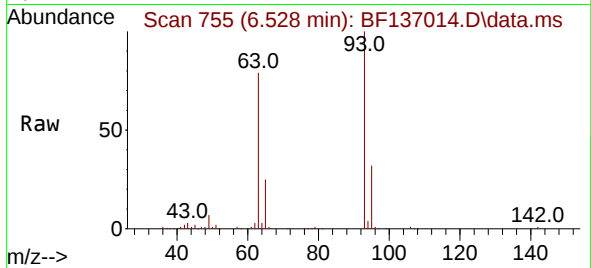




#11
bis(2-Chloroethyl)ether
Concen: 38.006 ng
RT: 6.528 min Scan# 715
Delta R.T. -0.006 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

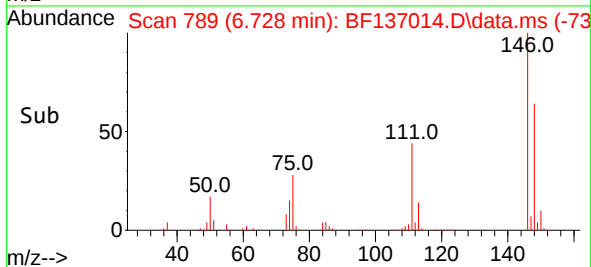
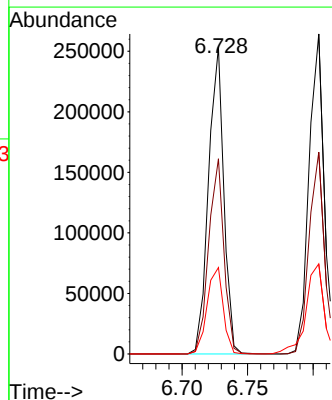
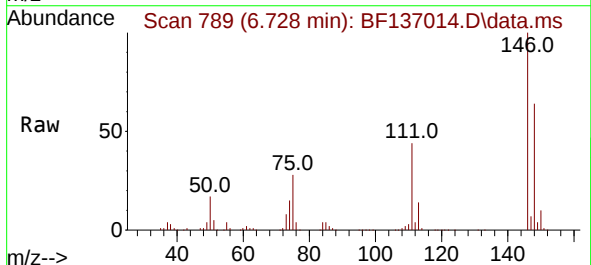
Instrument :
BNA_F
ClientSampleId :
PB158292BS

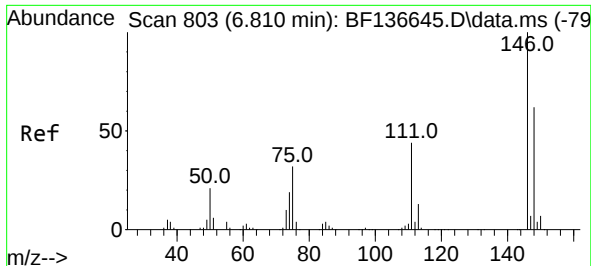
Tgt Ion: 93 Resp: 189124
Ion Ratio Lower Upper
93 100
63 78.9 61.2 101.2
95 32.4 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 36.523 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

Tgt Ion:146 Resp: 206257
Ion Ratio Lower Upper
146 100
148 63.6 50.5 75.7
75 28.2 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 36.200 ng

RT: 6.804 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF137014.D

Acq: 10 Jan 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB158292BS

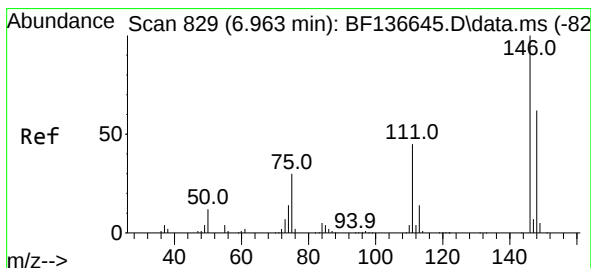
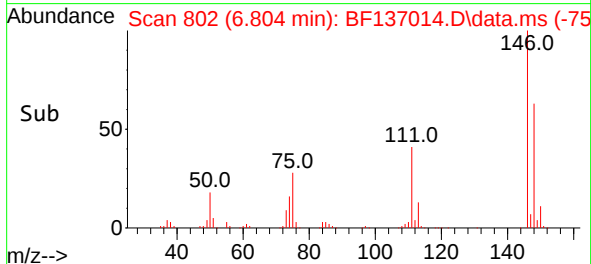
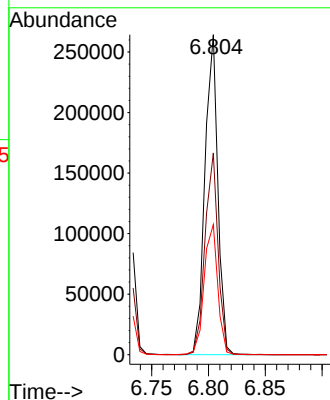
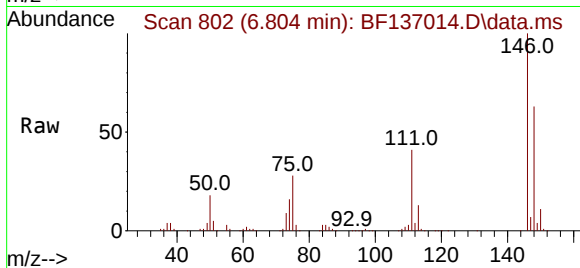
Tgt Ion:146 Resp: 208882

Ion Ratio Lower Upper

146 100

148 63.1 49.2 73.8

111 40.6 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 37.293 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF137014.D

Acq: 10 Jan 2024 11:59

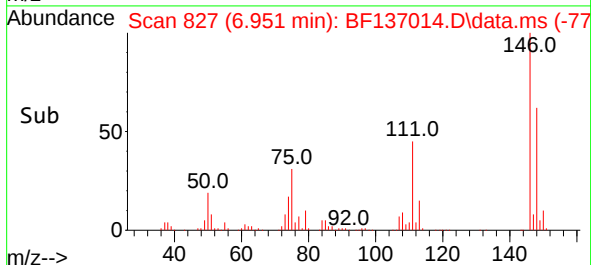
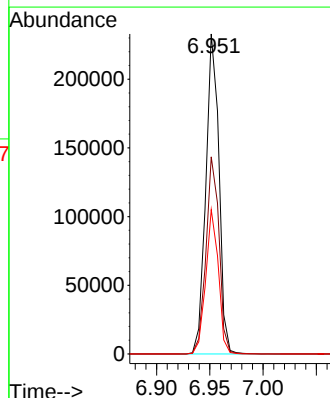
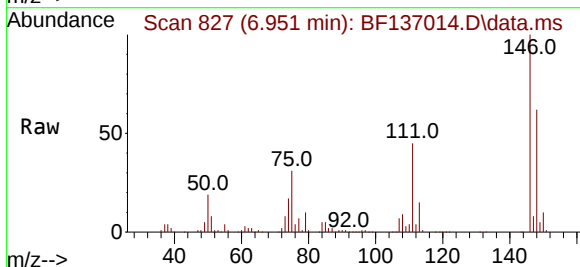
Tgt Ion:146 Resp: 200237

Ion Ratio Lower Upper

146 100

148 61.6 49.6 74.4

111 45.1 36.2 54.2

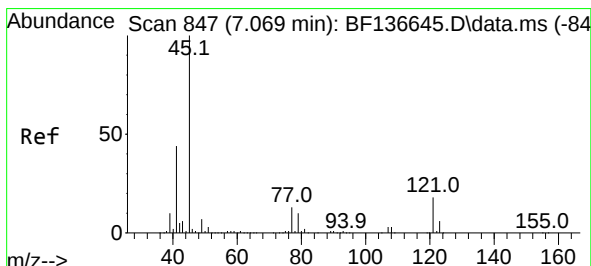
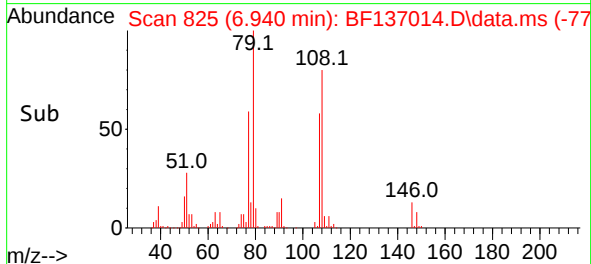
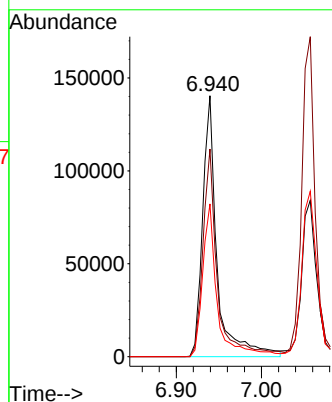
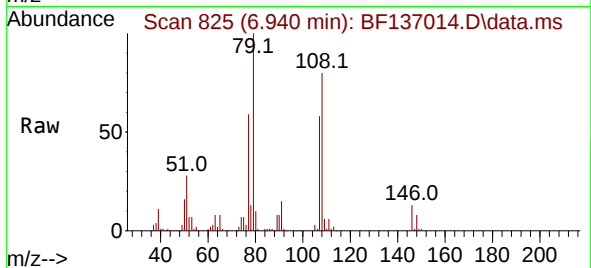




#15
Benzyl Alcohol
Concen: 40.000 ng
RT: 6.940 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

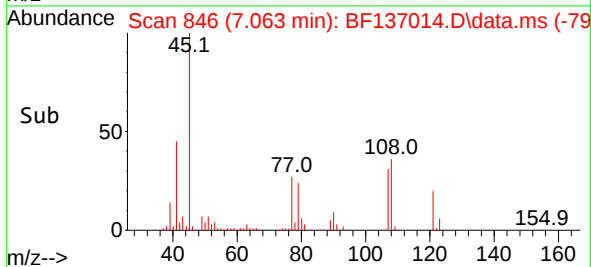
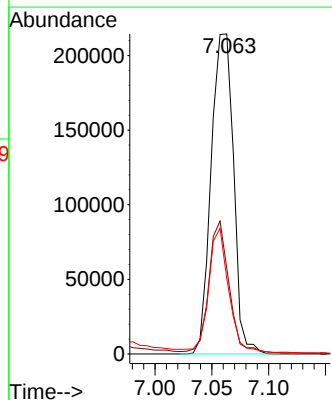
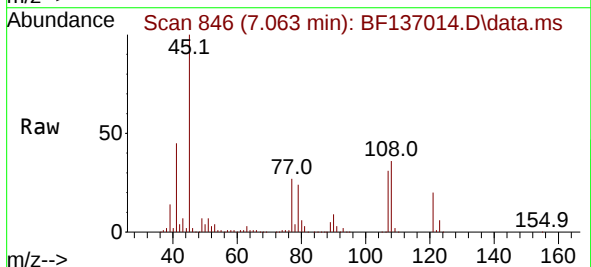
Instrument :
BNA_F
ClientSampleId :
PB158292BS

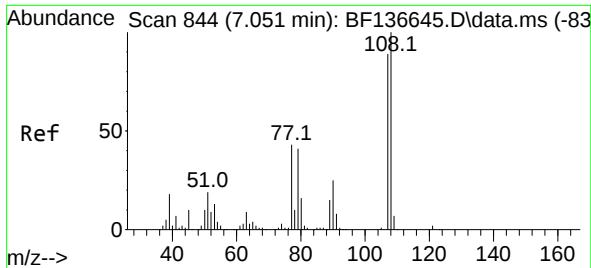
Tgt Ion: 79 Resp: 165411
Ion Ratio Lower Upper
79 100
108 79.6 61.0 91.6
77 58.6 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.137 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

Tgt Ion: 45 Resp: 294001
Ion Ratio Lower Upper
45 100
77 26.8 0.0 34.3
79 23.5 0.0 31.4

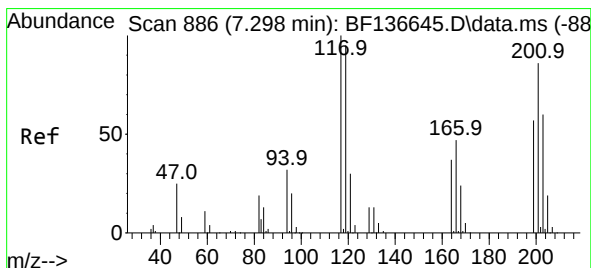
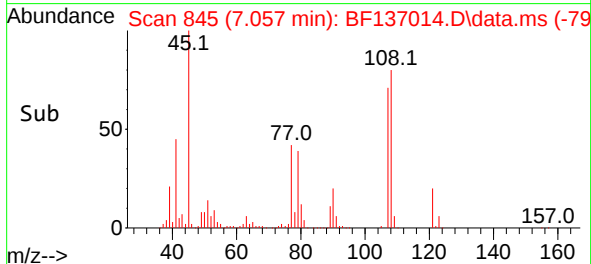
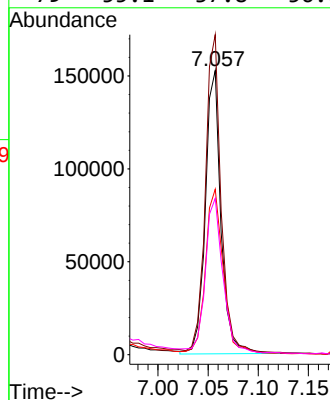
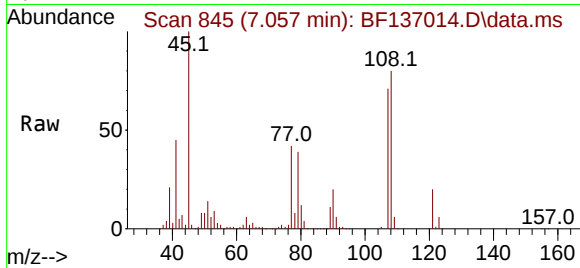




#17
2-Methylphenol
Concen: 38.812 ng
RT: 7.057 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

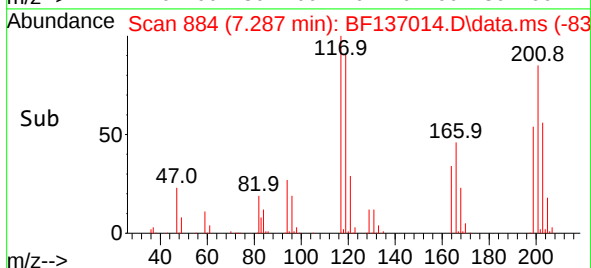
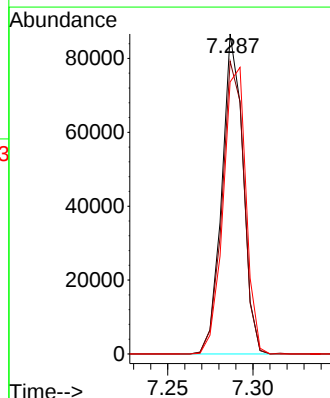
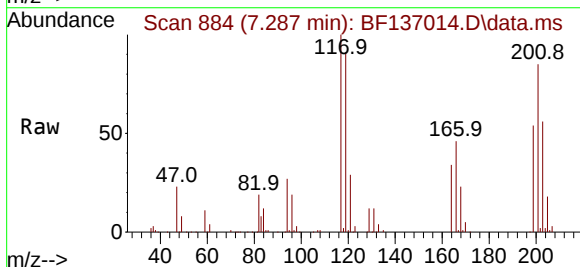
Instrument :
BNA_F
ClientSampleId :
PB158292BS

Tgt Ion:	107	Resp:	166448
Ion	Ratio	Lower	Upper
107	100		
108	112.6	90.3	135.5
77	58.2	38.7	58.1#
79	55.1	37.8	56.6



#18
Hexachloroethane
Concen: 35.714 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

Tgt Ion:	117	Resp:	74842
Ion	Ratio	Lower	Upper
117	100		
119	91.4	75.8	113.6
201	85.0	69.1	103.7



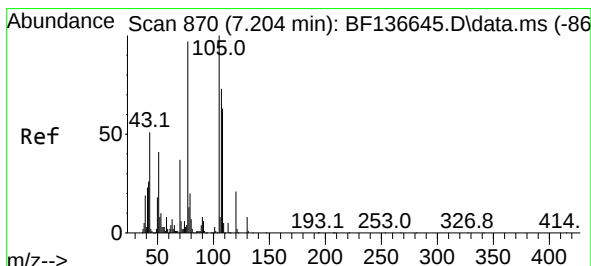
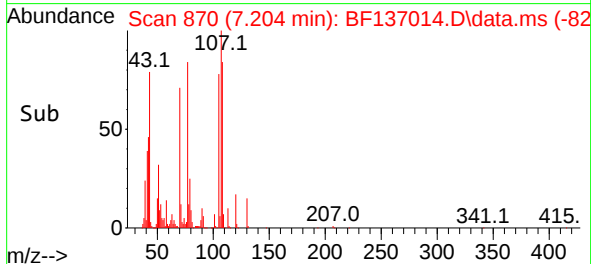
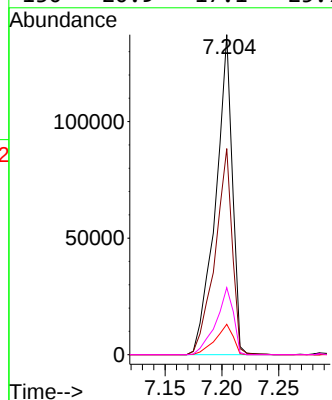
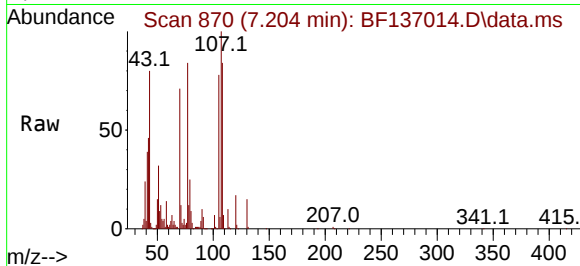


#19
n-Nitroso-di-n-propylamine
Concen: 38.044 ng
RT: 7.204 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

Instrument :
BNA_F
ClientSampleId :
PB158292BS

Tgt Ion: 70 Resp: 141361

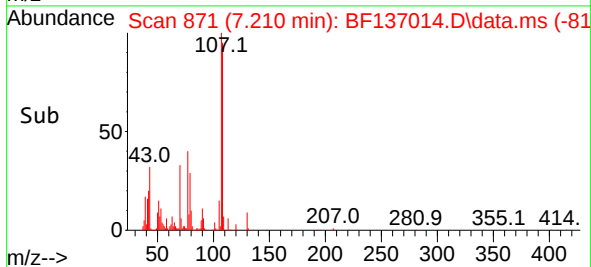
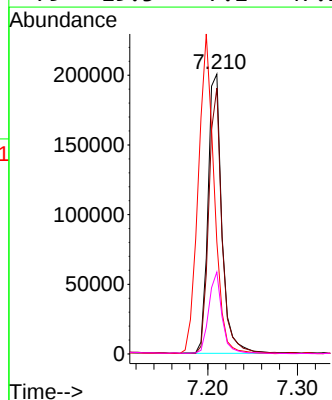
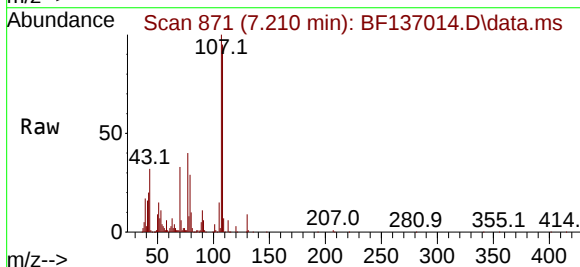
Ion	Ratio	Lower	Upper
70	100		
42	64.4	54.2	81.4
101	9.5	7.6	11.4
130	20.9	17.1	25.7

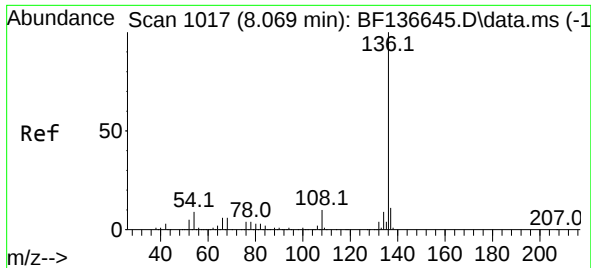


#20
3+4-Methylphenols
Concen: 40.160 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.006 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

Tgt Ion: 107 Resp: 215170

Ion	Ratio	Lower	Upper
107	100		
108	95.0	66.0	106.0
77	40.1	114.2	154.2#
79	29.3	7.2	47.2

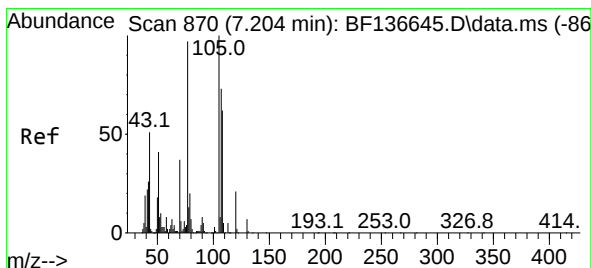
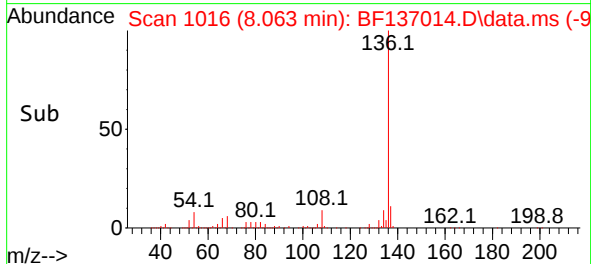
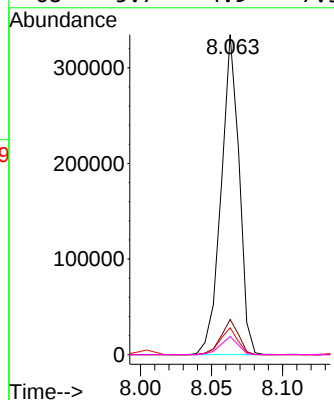
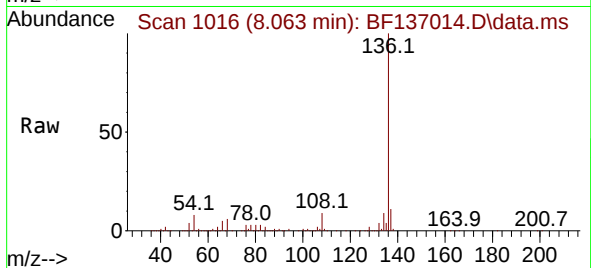




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

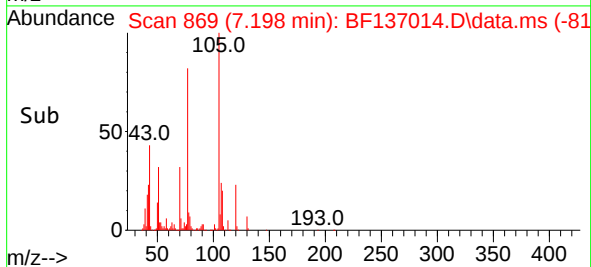
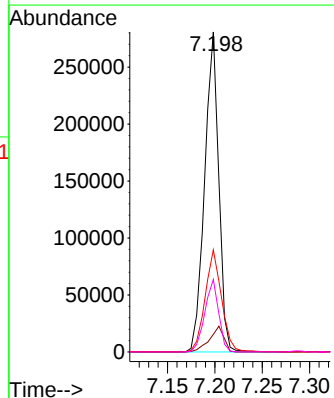
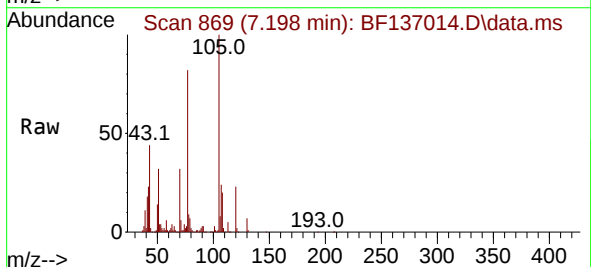
Instrument :
BNA_F
ClientSampleId :
PB158292BS

Tgt Ion:	136	Resp:	294125
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	8.4	7.2	10.8
68	5.7	4.9	7.3



#22
Acetophenone
Concen: 39.434 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

Tgt Ion:	105	Resp:	290714
Ion	Ratio	Lower	Upper
105	100		
71	5.5	4.8	7.2
51	31.9	32.8	49.2#
120	22.7	17.0	25.6

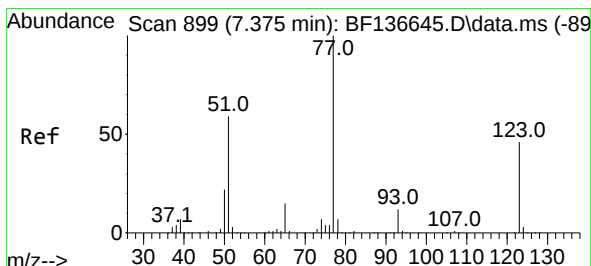
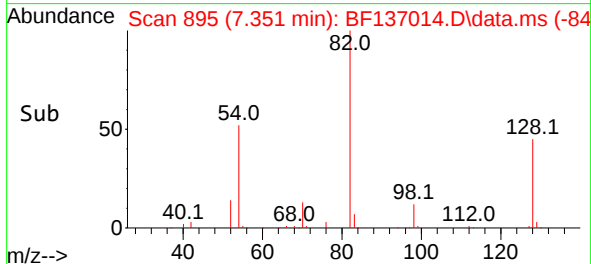
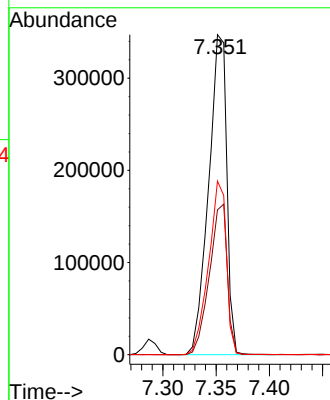
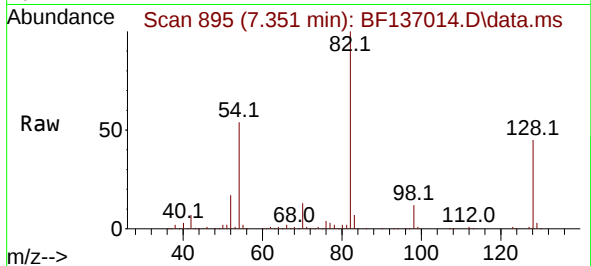




#23
Nitrobenzene-d5
Concen: 71.753 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

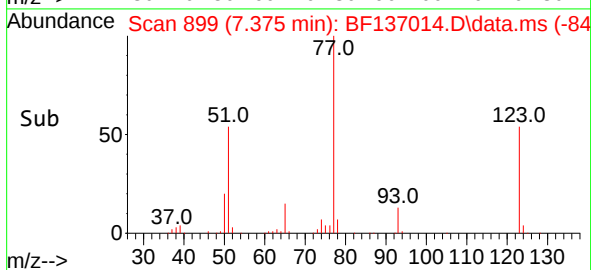
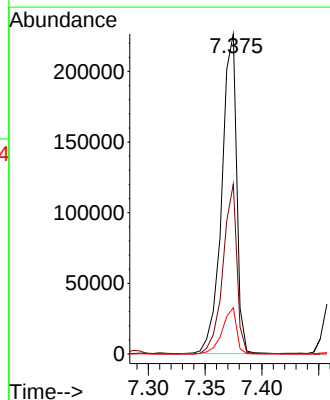
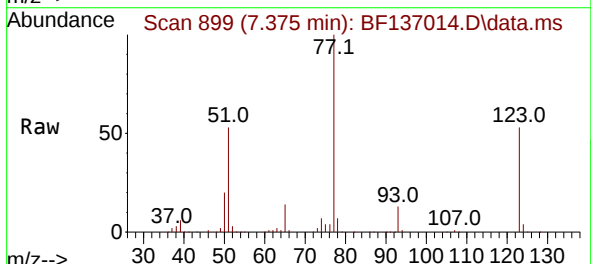
Instrument :
BNA_F
ClientSampleId :
PB158292BS

Tgt Ion: 82 Resp: 412426
Ion Ratio Lower Upper
82 100
128 45.3 35.3 52.9
54 54.2 44.5 66.7



#24
Nitrobenzene
Concen: 36.068 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

Tgt Ion: 77 Resp: 207672
Ion Ratio Lower Upper
77 100
123 53.1 36.7 55.1
65 14.4 11.8 17.6

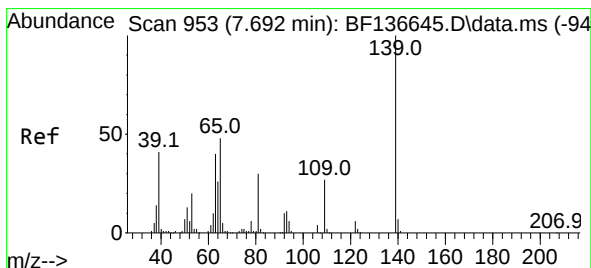
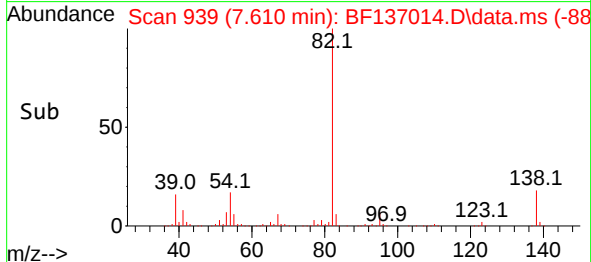
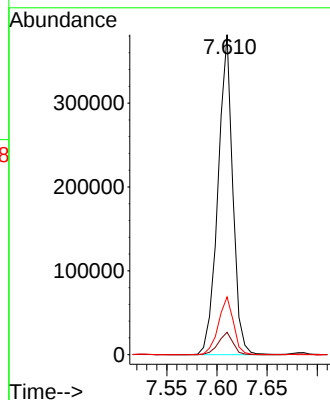
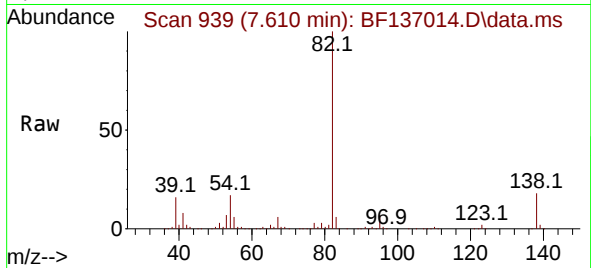




#25
Isophorone
Concen: 37.294 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

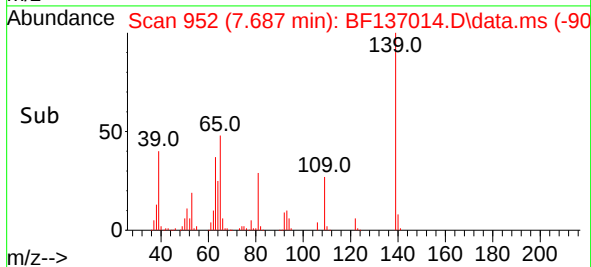
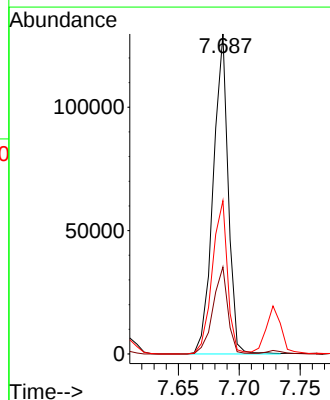
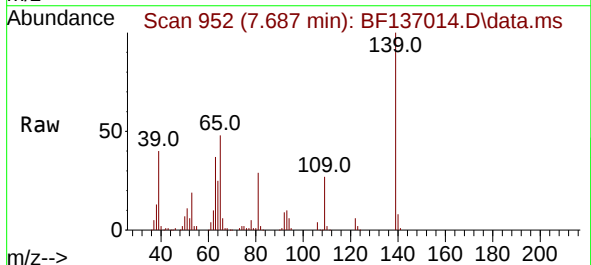
Instrument :
BNA_F
ClientSampleId :
PB158292BS

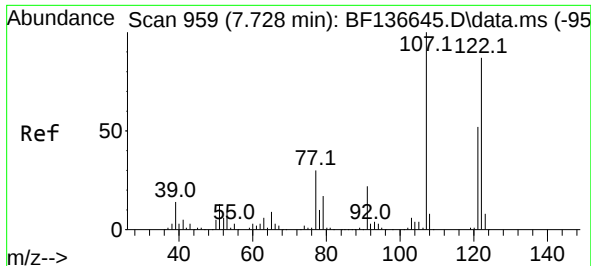
Tgt Ion: 82 Resp: 390058
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 18.1 14.5 21.7



#26
2-Nitrophenol
Concen: 40.271 ng
RT: 7.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

Tgt Ion:139 Resp: 110938
Ion Ratio Lower Upper
139 100
109 27.2 21.9 32.9
65 47.9 38.6 58.0

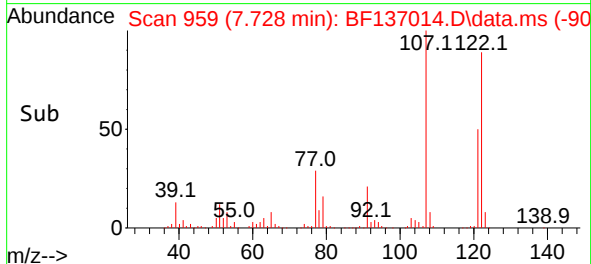
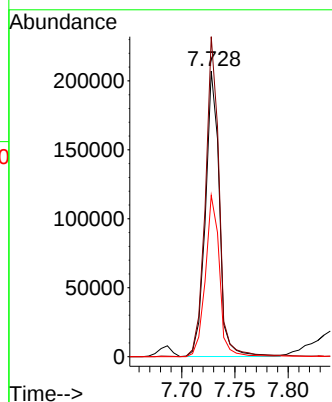
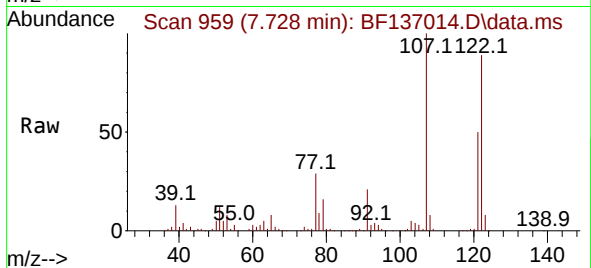




#27
2,4-Dimethylphenol
Concen: 56.501 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

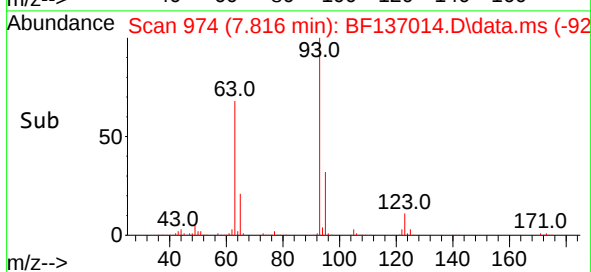
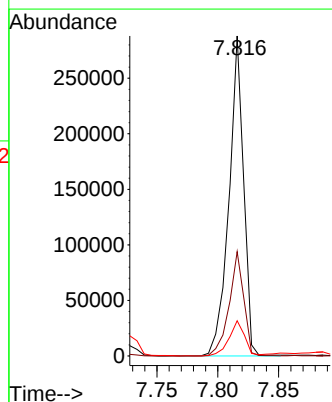
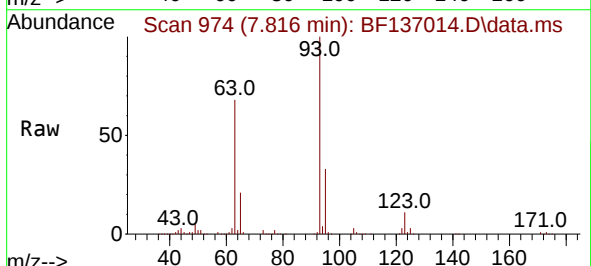
Instrument :
BNA_F
ClientSampleId :
PB158292BS

Tgt Ion:122 Resp: 189495
Ion Ratio Lower Upper
122 100
107 112.0 92.0 138.0
121 56.5 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 38.035 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

Tgt Ion: 93 Resp: 241802
Ion Ratio Lower Upper
93 100
95 32.6 25.5 38.3
123 11.0 9.2 13.8

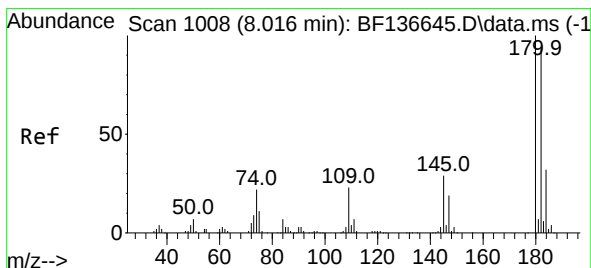
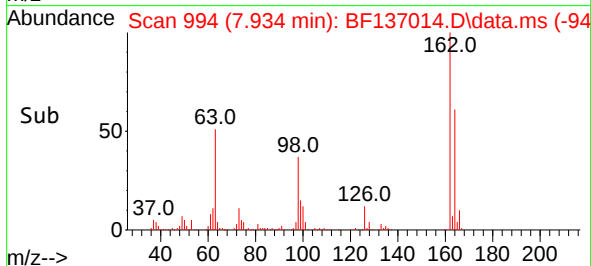
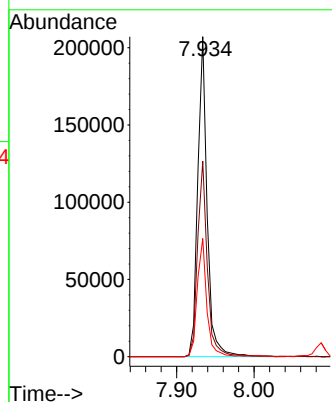
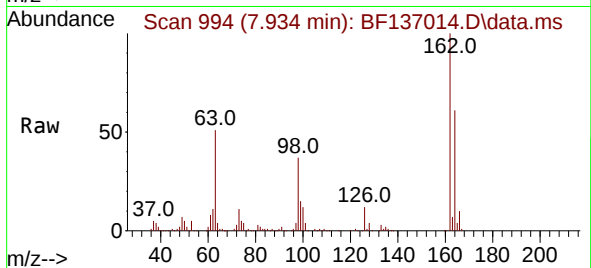




#29
2,4-Dichlorophenol
Concen: 40.380 ng
RT: 7.934 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

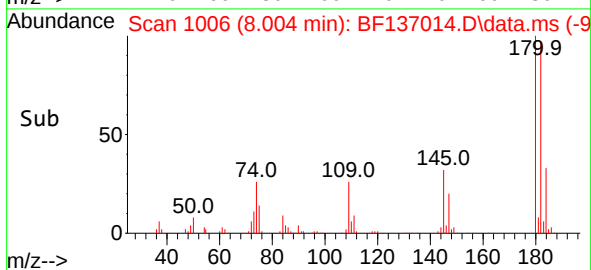
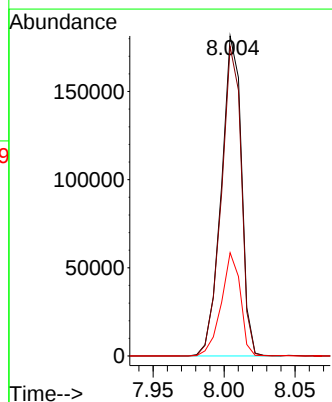
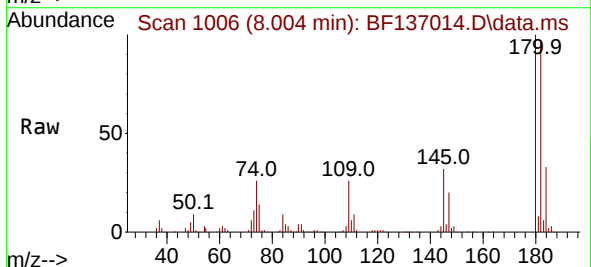
Instrument :
BNA_F
ClientSampleId :
PB158292BS

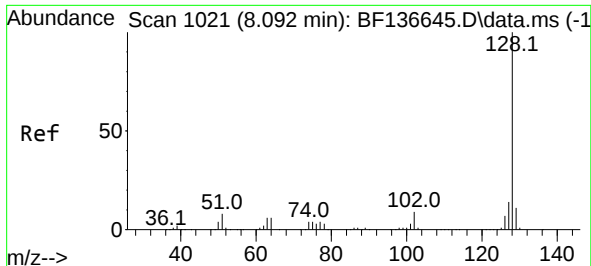
Tgt Ion:162 Resp: 174351
Ion Ratio Lower Upper
162 100
164 61.1 41.7 81.7
98 37.0 19.5 59.5



#30
1,2,4-Trichlorobenzene
Concen: 37.128 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

Tgt Ion:180 Resp: 178614
Ion Ratio Lower Upper
180 100
182 96.7 75.4 113.0
145 32.3 23.1 34.7

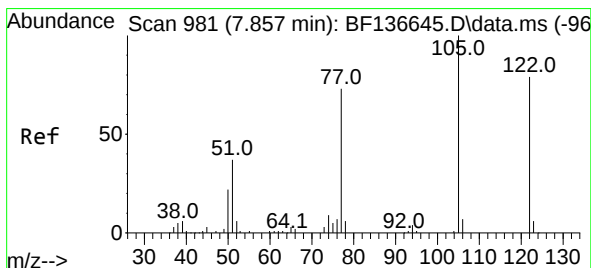
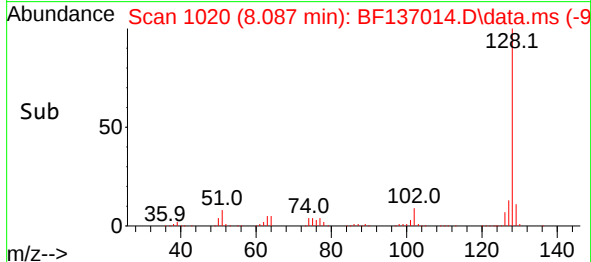
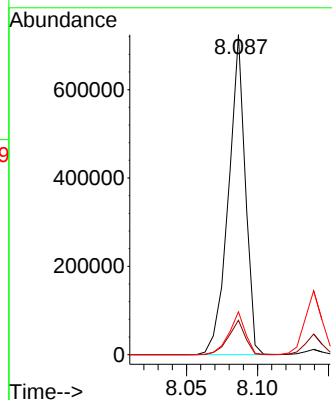
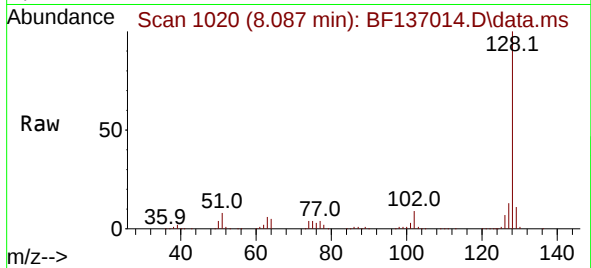




#31
Naphthalene
Concen: 36.962 ng
RT: 8.087 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

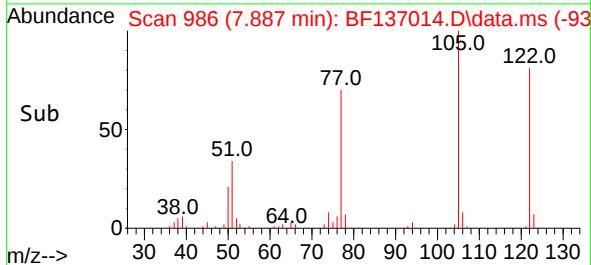
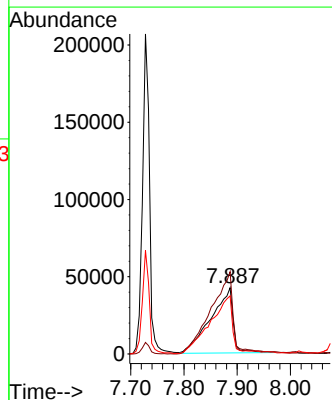
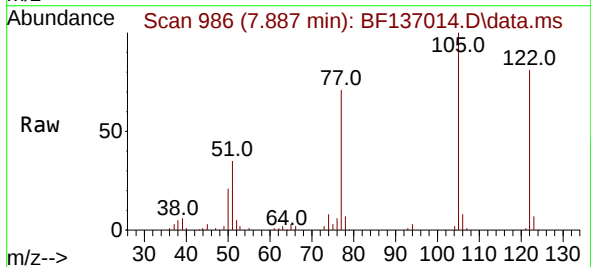
Instrument :
BNA_F
ClientSampleId :
PB158292BS

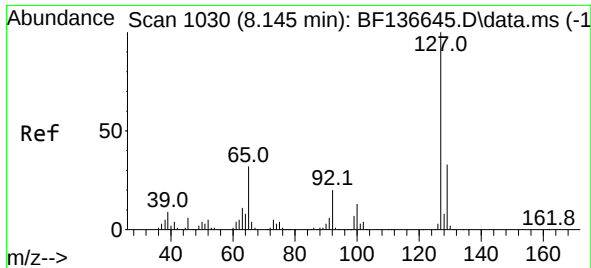
Tgt Ion:128 Resp: 597241
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 38.191 ng
RT: 7.887 min Scan# 986
Delta R.T. 0.030 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

Tgt Ion:122 Resp: 123931
Ion Ratio Lower Upper
122 100
105 124.2 100.8 140.8
77 87.6 70.9 110.9

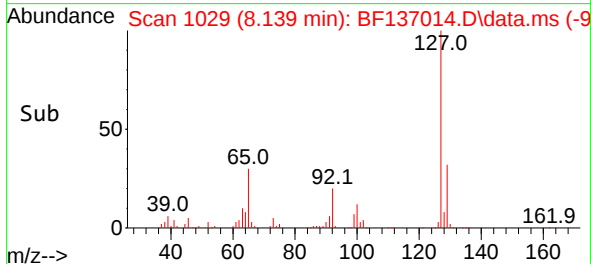
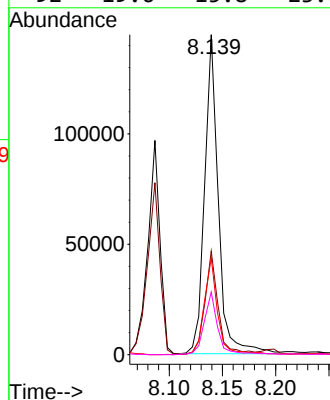
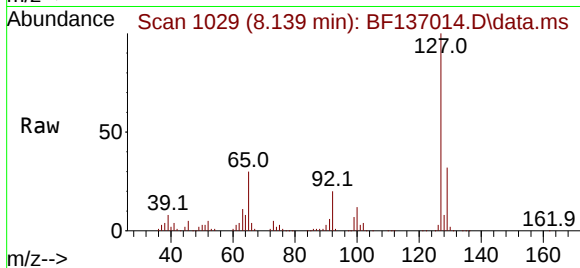




#33
4-Chloroaniline
Concen: 21.897 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

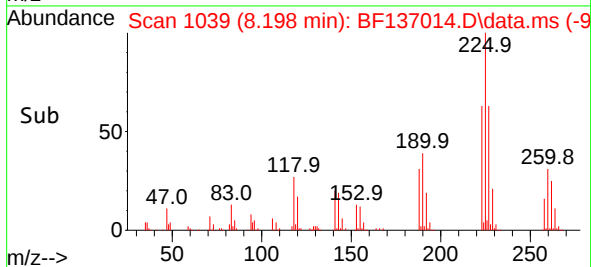
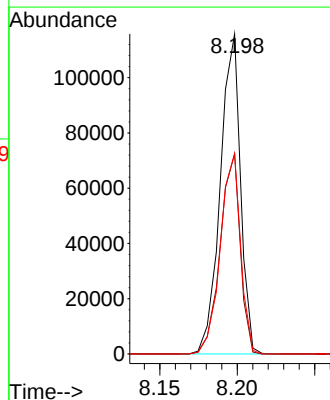
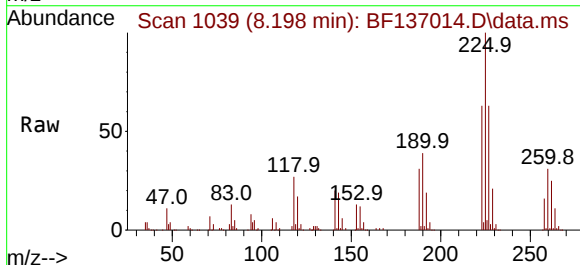
Instrument :
BNA_F
ClientSampleId :
PB158292BS

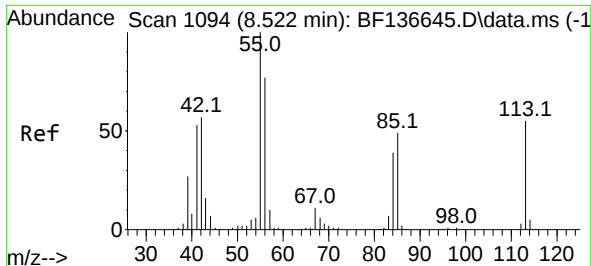
Tgt Ion:127	Resp: 130636
Ion Ratio	Lower Upper
127 100	
129 32.3	26.3 39.5
65 30.2	25.8 38.8
92 19.6	15.8 23.6



#34
Hexachlorobutadiene
Concen: 35.853 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

Tgt Ion:225	Resp: 104793
Ion Ratio	Lower Upper
225 100	
223 62.5	50.6 76.0
227 62.6	51.9 77.9

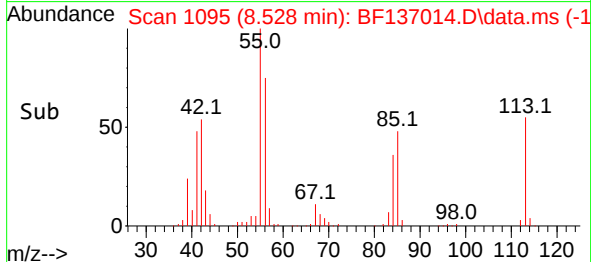
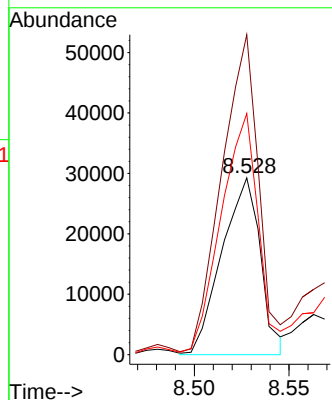
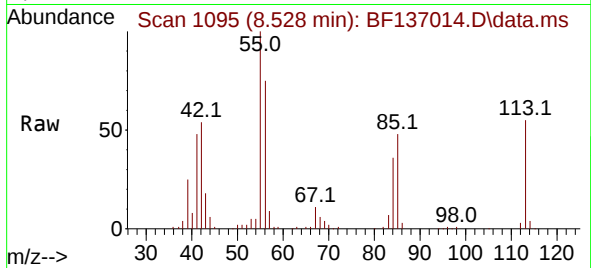




#35
Caprolactam
Concen: 29.063 ng
RT: 8.528 min Scan# 1094
Delta R.T. 0.006 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

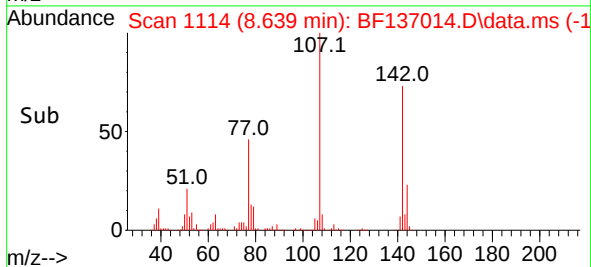
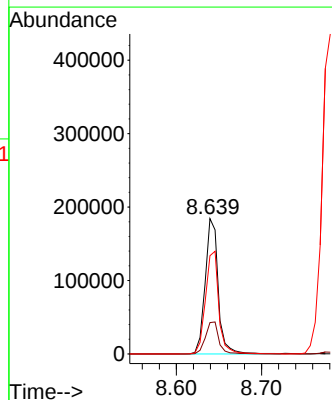
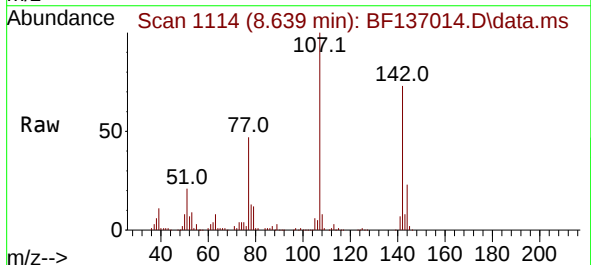
Instrument :
BNA_F
ClientSampleId :
PB158292BS

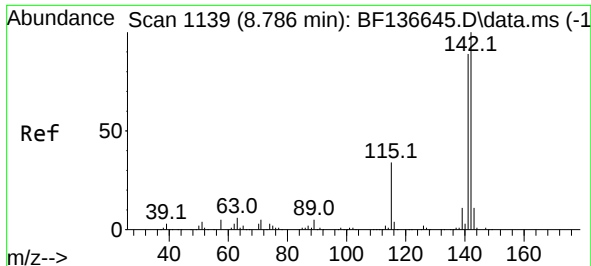
Tgt Ion:113 Resp: 41397
Ion Ratio Lower Upper
113 100
55 181.0 163.1 203.1
56 136.4 121.7 161.7



#36
4-Chloro-3-methylphenol
Concen: 40.177 ng
RT: 8.639 min Scan# 1114
Delta R.T. 0.006 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

Tgt Ion:107 Resp: 195296
Ion Ratio Lower Upper
107 100
144 23.1 20.2 30.2
142 72.6 62.3 93.5





#37

2-Methylnaphthalene

Concen: 38.232 ng

RT: 8.781 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF137014.D

Acq: 10 Jan 2024 11:59

Instrument :

BNA_F

ClientSampleId :

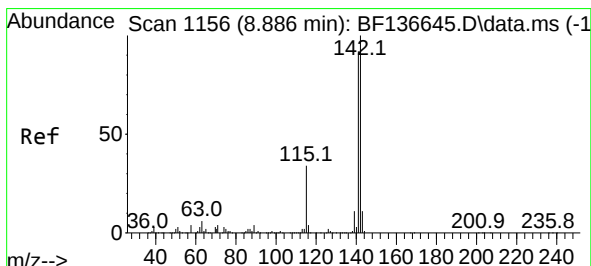
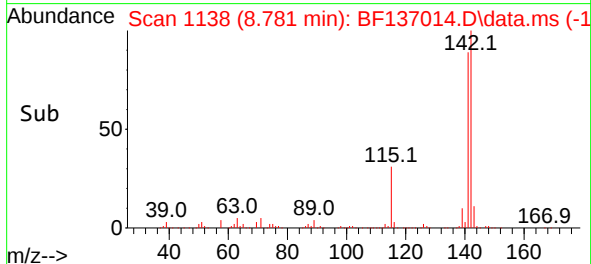
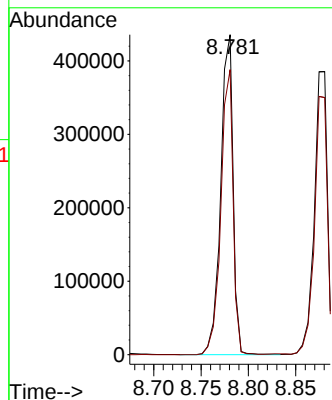
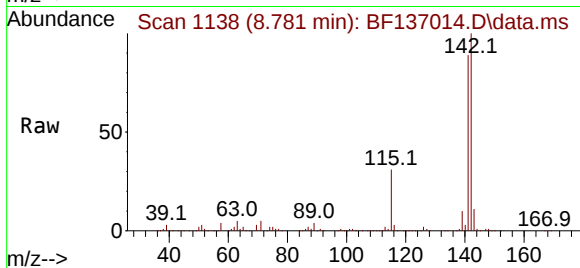
PB158292BS

Tgt Ion:142 Resp: 397579

Ion Ratio Lower Upper

142 100

141 89.1 71.1 106.7



#38

1-Methylnaphthalene

Concen: 36.403 ng

RT: 8.881 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF137014.D

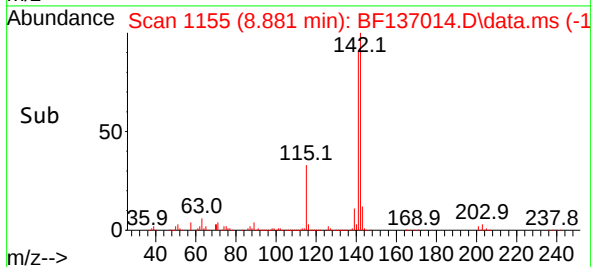
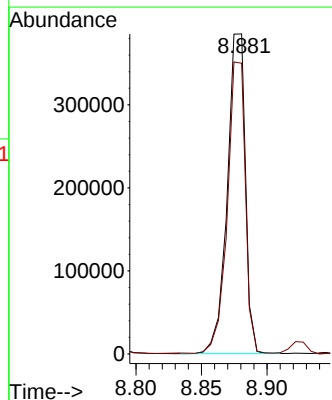
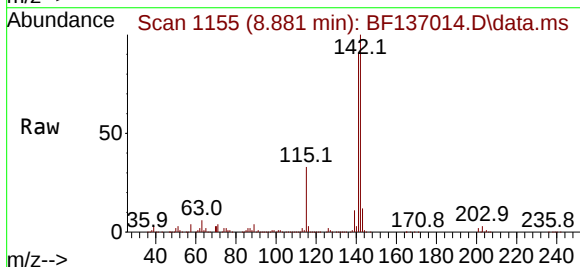
Acq: 10 Jan 2024 11:59

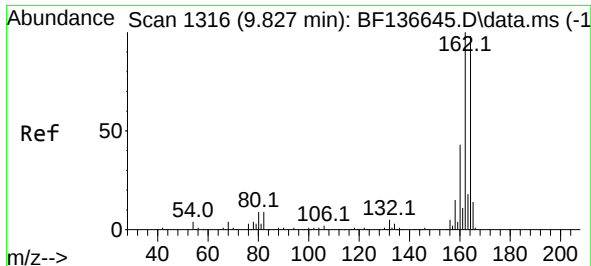
Tgt Ion:142 Resp: 371394

Ion Ratio Lower Upper

142 100

141 90.9 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF137014.D

Acq: 10 Jan 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB158292BS

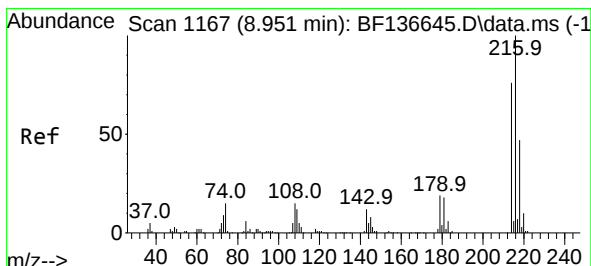
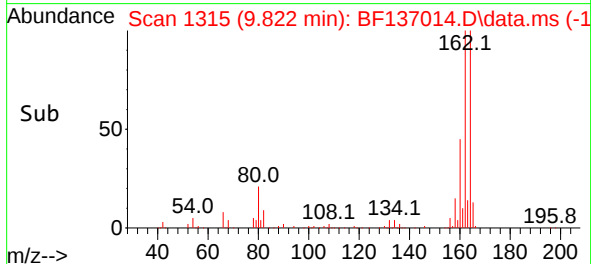
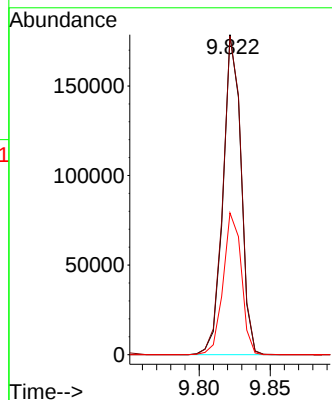
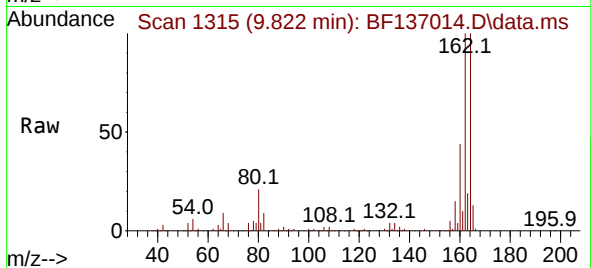
Tgt Ion:164 Resp: 155615

Ion Ratio Lower Upper

164 100

162 99.6 81.6 122.4

160 44.3 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.360 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF137014.D

Acq: 10 Jan 2024 11:59

Tgt Ion:216 Resp: 189689

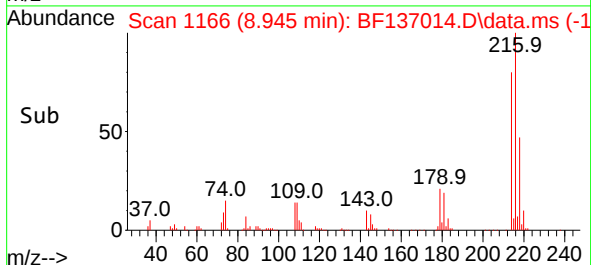
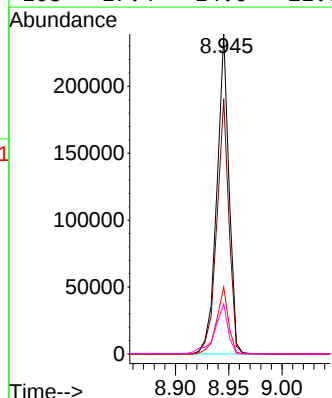
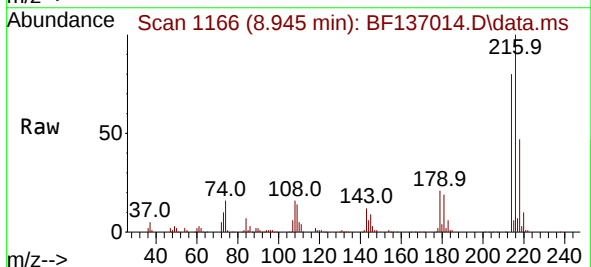
Ion Ratio Lower Upper

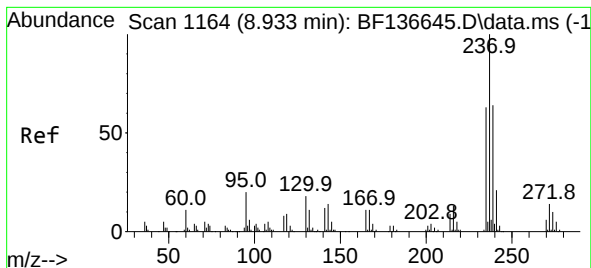
216 100

214 79.5 62.3 93.5

179 20.2 16.4 24.6

108 17.4 14.0 21.0





#41

Hexachlorocyclopentadiene

Concen: 72.580 ng

RT: 8.928 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF137014.D

Acq: 10 Jan 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB158292BS

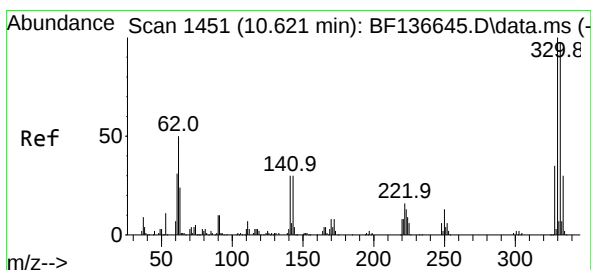
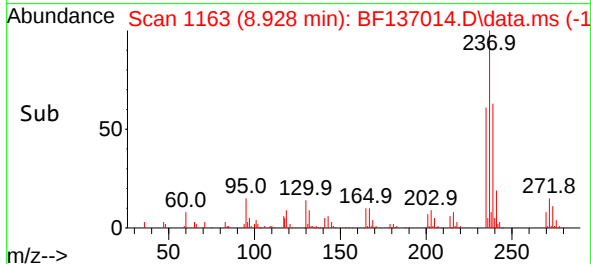
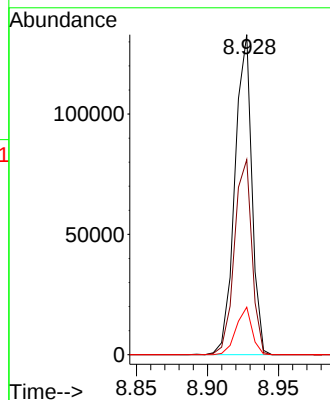
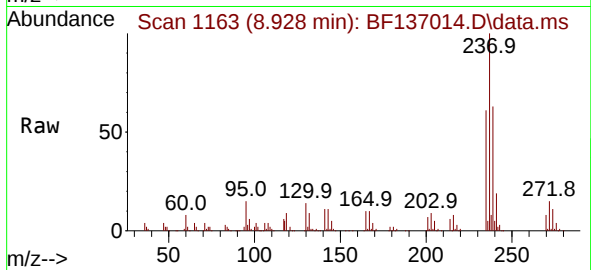
Tgt Ion:237 Resp: 110783

Ion Ratio Lower Upper

237 100

235 60.9 43.2 83.2

272 14.8 0.0 34.2



#42

2,4,6-Tribromophenol

Concen: 115.997 ng

RT: 10.628 min Scan# 1452

Delta R.T. 0.006 min

Lab File: BF137014.D

Acq: 10 Jan 2024 11:59

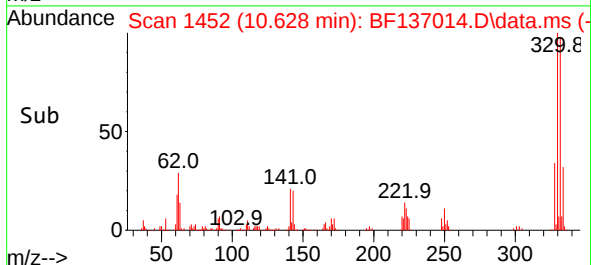
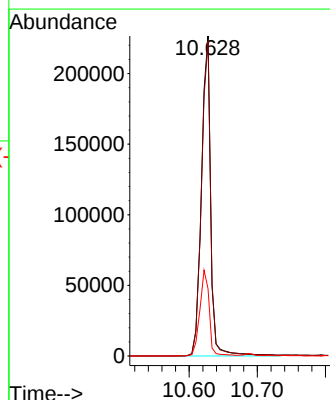
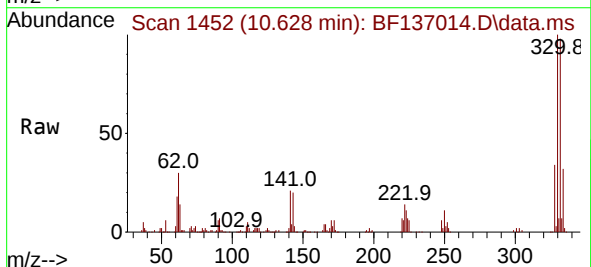
Tgt Ion:330 Resp: 212590

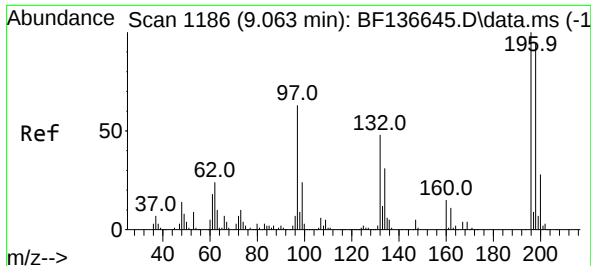
Ion Ratio Lower Upper

330 100

332 97.9 77.4 116.0

141 27.3 23.4 35.2

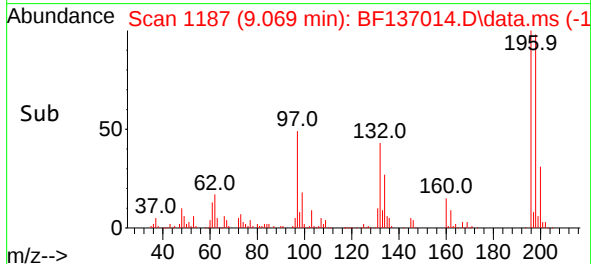
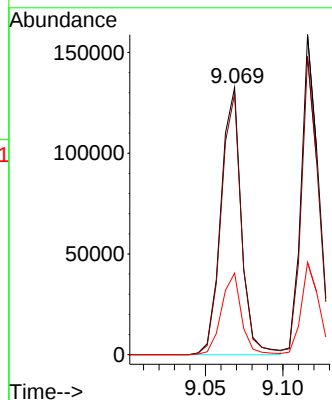
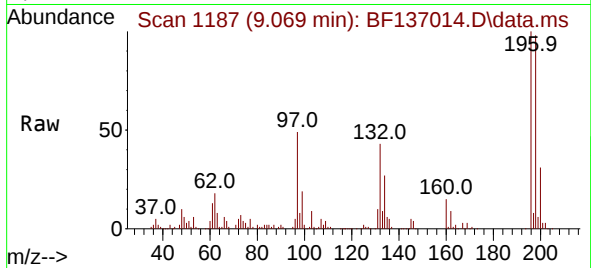




#43
2,4,6-Trichlorophenol
Concen: 39.495 ng
RT: 9.069 min Scan# 1186
Delta R.T. 0.006 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

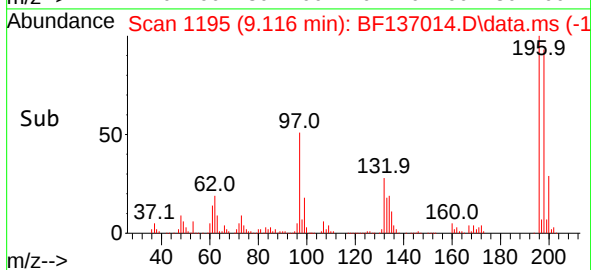
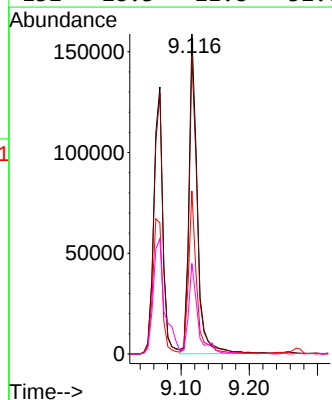
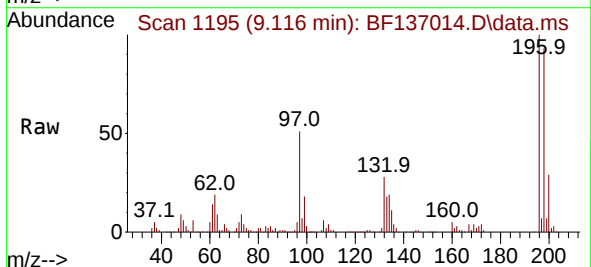
Instrument :
BNA_F
ClientSampleId :
PB158292BS

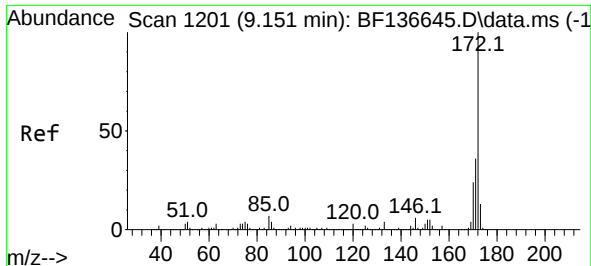
Tgt Ion:196 Resp: 122069
Ion Ratio Lower Upper
196 100
198 97.7 75.1 112.7
200 30.6 22.5 33.7



#44
2,4,5-Trichlorophenol
Concen: 38.795 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

Tgt Ion:196 Resp: 133617
Ion Ratio Lower Upper
196 100
198 93.2 77.0 115.6
97 50.9 36.1 54.1
132 28.3 21.8 32.6

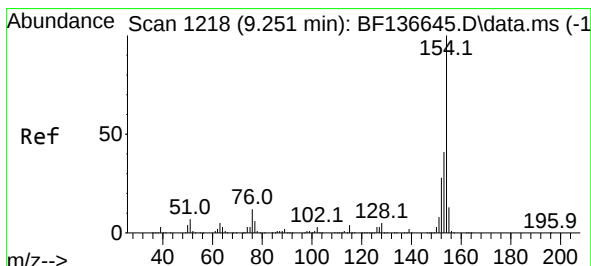
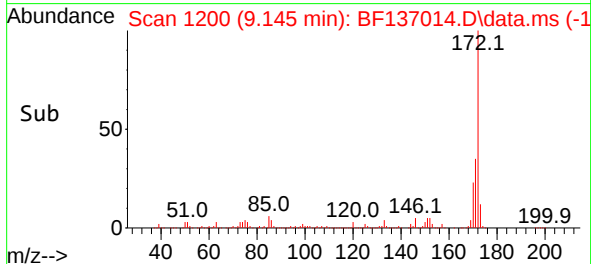
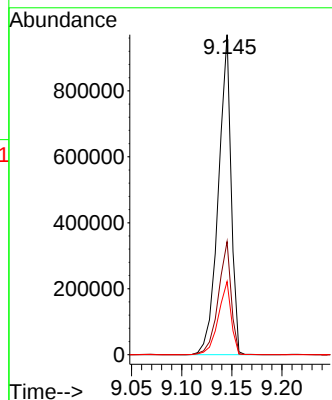
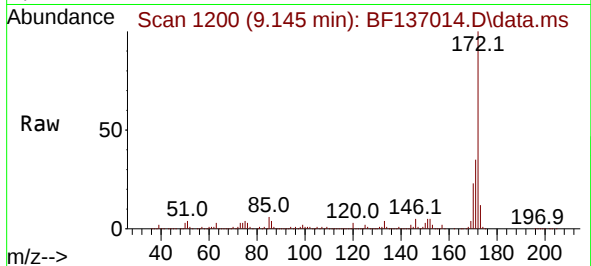




#45
2-Fluorobiphenyl
Concen: 73.932 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

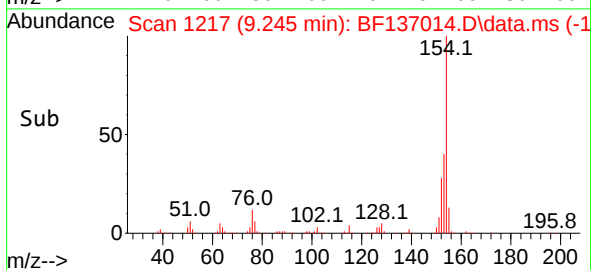
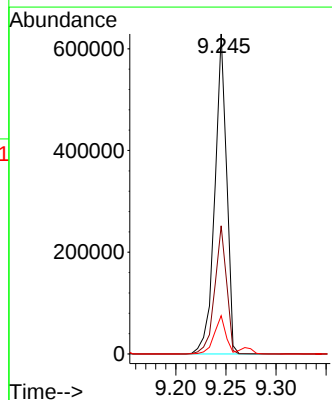
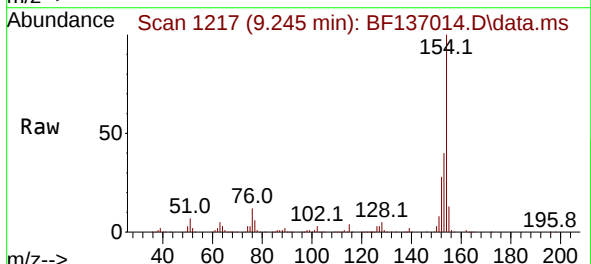
Instrument :
BNA_F
ClientSampleId :
PB158292BS

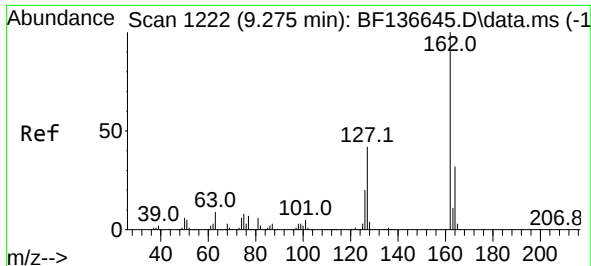
Tgt Ion:172 Resp: 855397
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.6
170 22.9 19.0 28.4



#46
1,1'-Biphenyl
Concen: 39.431 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

Tgt Ion:154 Resp: 514905
Ion Ratio Lower Upper
154 100
153 40.0 21.1 61.1
76 12.0 0.0 31.7

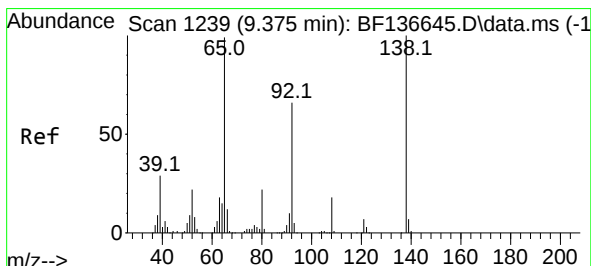
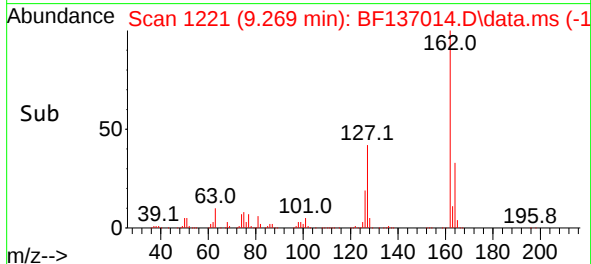
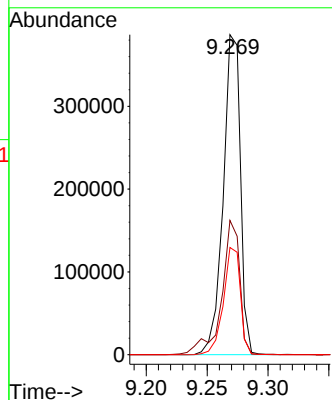
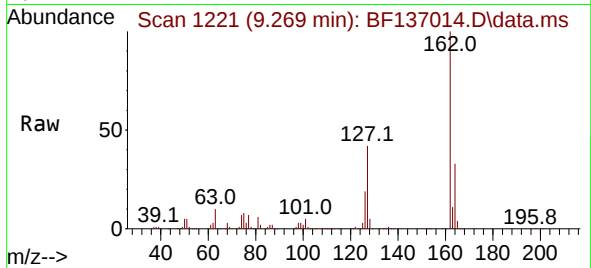




#47
2-Chloronaphthalene
Concen: 38.334 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

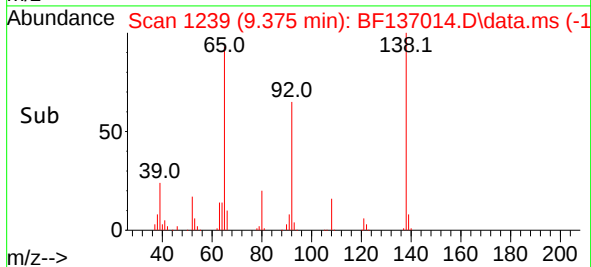
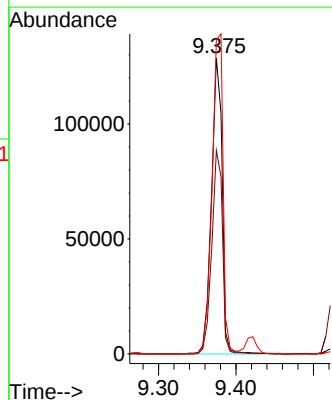
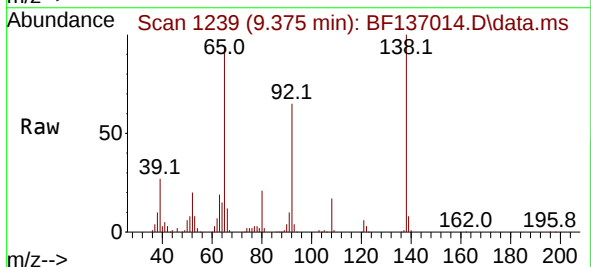
Instrument :
BNA_F
ClientSampleId :
PB158292BS

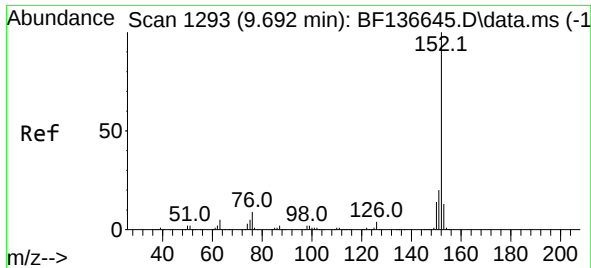
Tgt Ion:162 Resp: 380548
Ion Ratio Lower Upper
162 100
127 41.9 33.6 50.4
164 33.5 25.7 38.5



#48
2-Nitroaniline
Concen: 39.674 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

Tgt Ion: 65 Resp: 123335
Ion Ratio Lower Upper
65 100
92 68.8 53.2 79.8
138 106.1 81.1 121.7

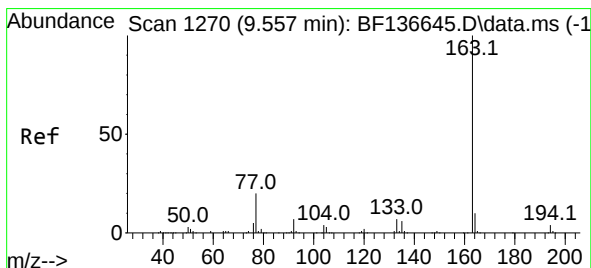
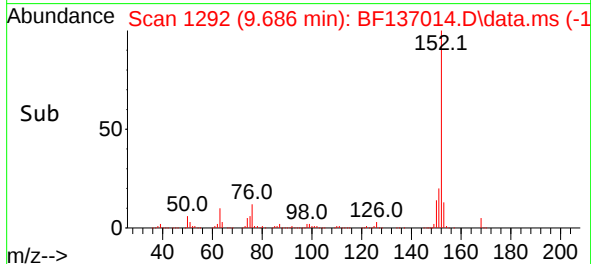
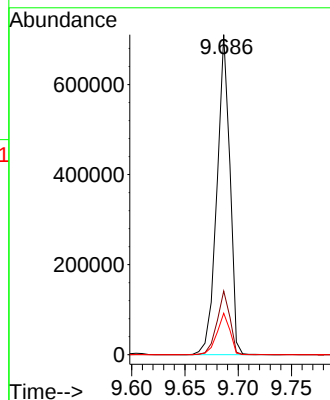
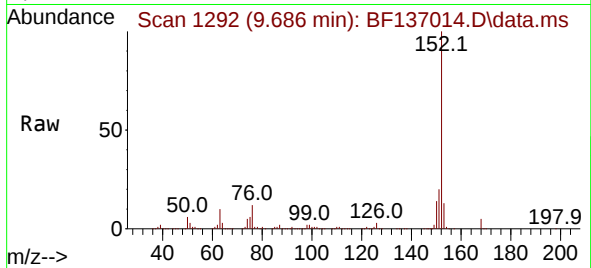




#49
Acenaphthylene
Concen: 39.683 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

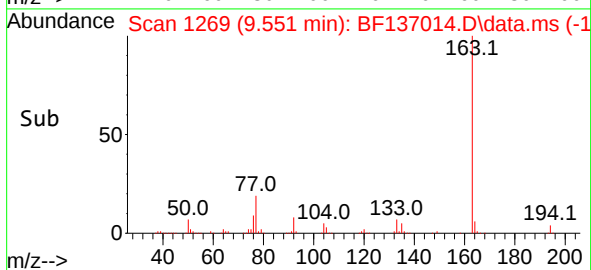
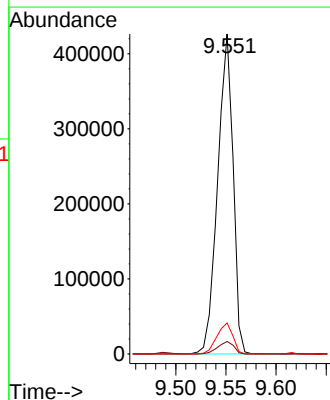
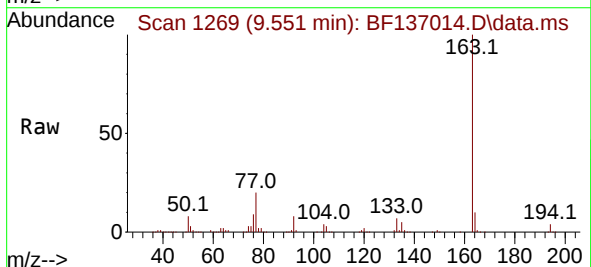
Instrument :
BNA_F
ClientSampleId :
PB158292BS

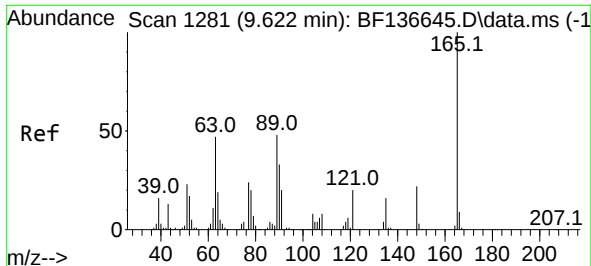
Tgt Ion:152 Resp: 602133
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.4
153 12.9 10.2 15.2



#50
Dimethylphthalate
Concen: 40.002 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

Tgt Ion:163 Resp: 454678
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.7 7.8 11.6

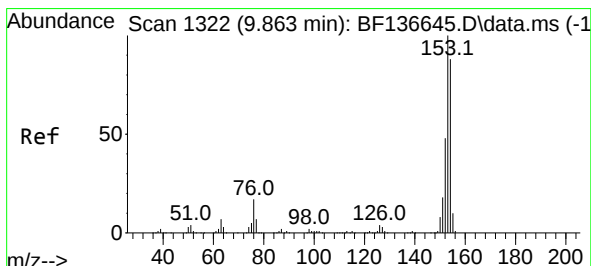
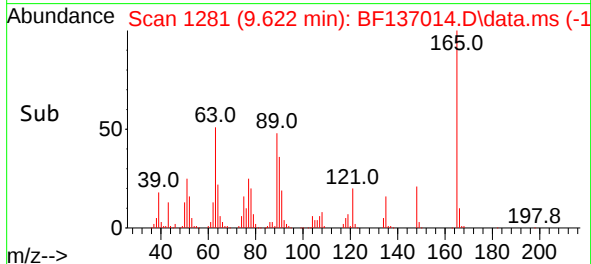
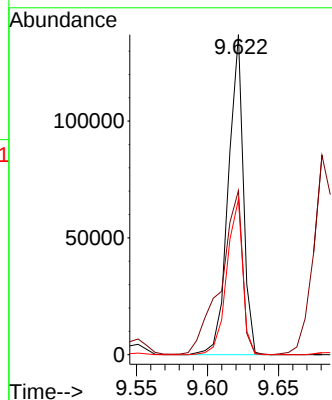
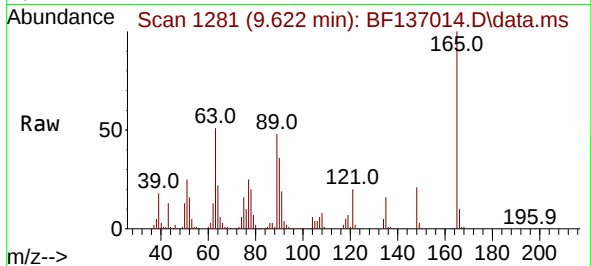




#51
2,6-Dinitrotoluene
Concen: 39.011 ng
RT: 9.622 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

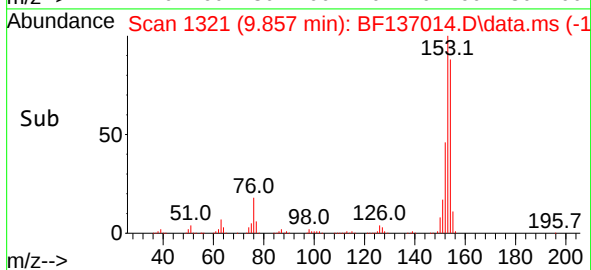
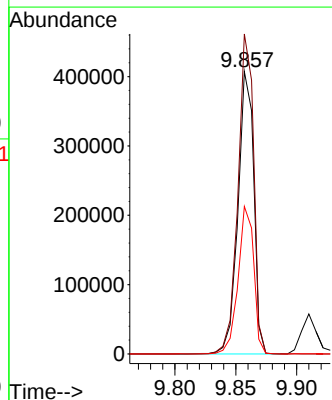
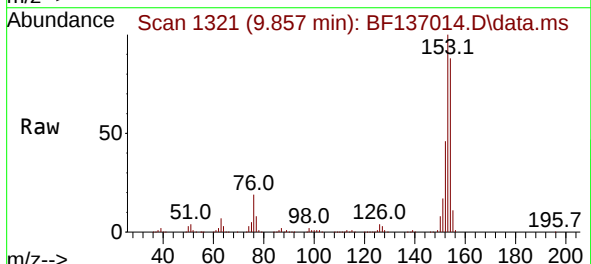
Instrument :
BNA_F
ClientSampleId :
PB158292BS

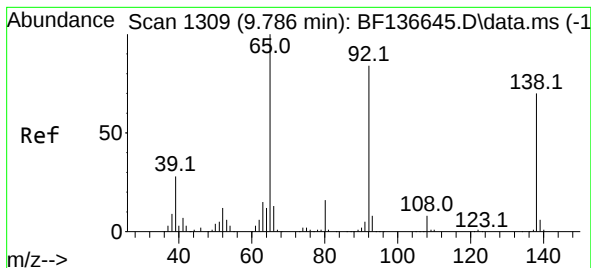
Tgt Ion:165 Resp: 100635
Ion Ratio Lower Upper
165 100
63 51.3 39.8 59.6
89 48.5 38.8 58.2



#52
Acenaphthene
Concen: 38.925 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

Tgt Ion:154 Resp: 366127
Ion Ratio Lower Upper
154 100
153 113.3 90.7 136.1
152 52.2 43.7 65.5





#53

3-Nitroaniline

Concen: 30.861 ng

RT: 9.792 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137014.D

Acq: 10 Jan 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB158292BS

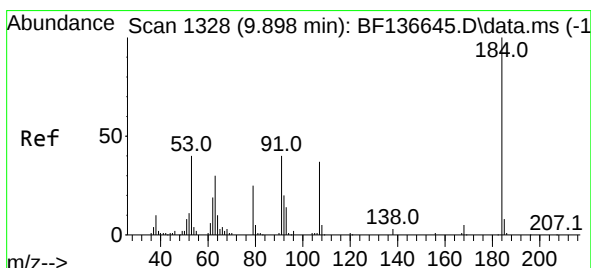
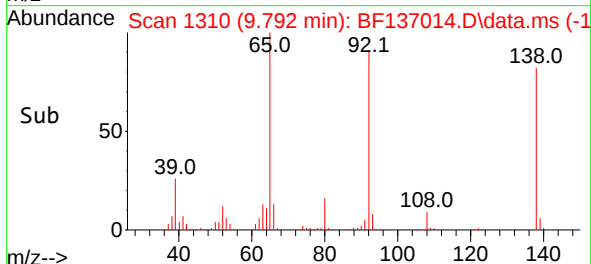
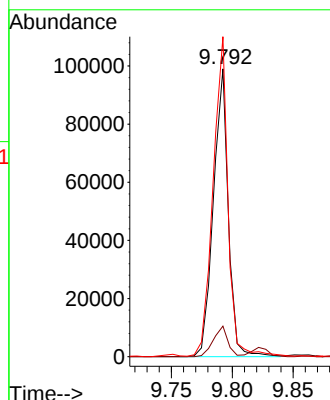
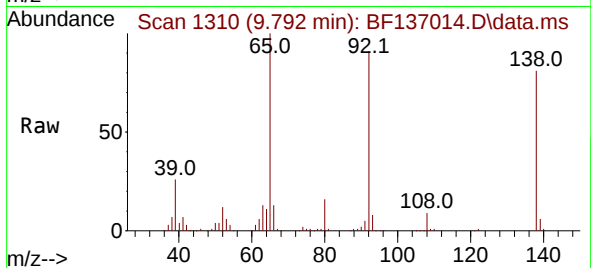
Tgt Ion:138 Resp: 84333

Ion Ratio Lower Upper

138 100

108 10.6 8.6 12.8

92 111.2 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 68.616 ng

RT: 9.910 min Scan# 1330

Delta R.T. 0.012 min

Lab File: BF137014.D

Acq: 10 Jan 2024 11:59

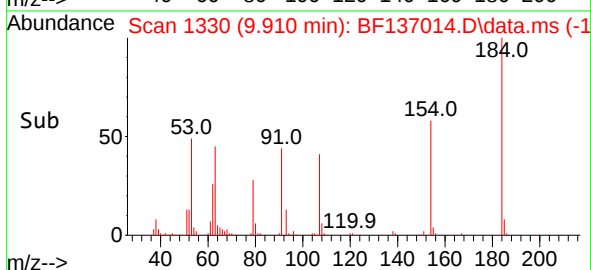
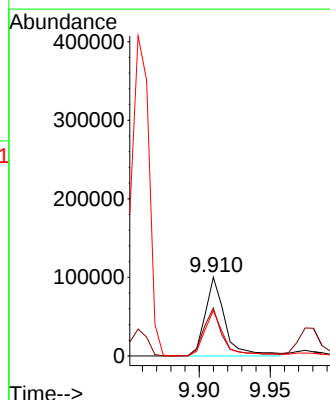
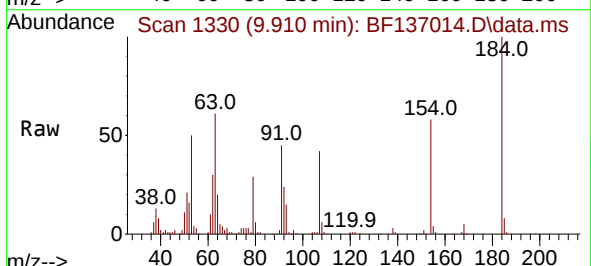
Tgt Ion:184 Resp: 97302

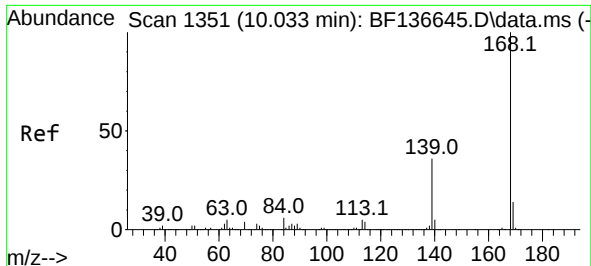
Ion Ratio Lower Upper

184 100

63 61.0 40.9 61.3

154 57.7 42.7 64.1

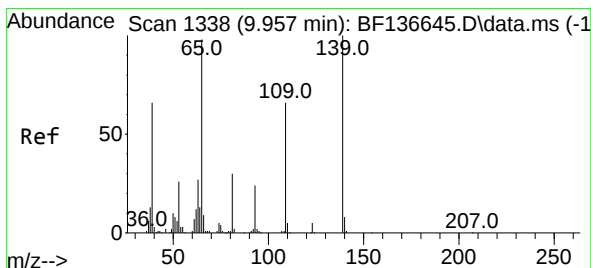
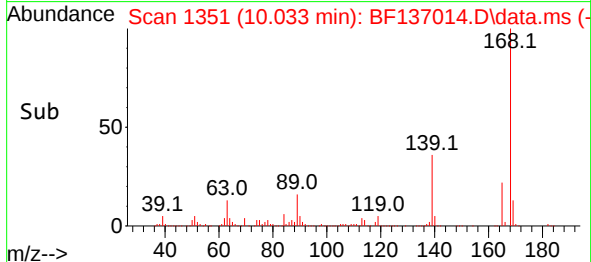
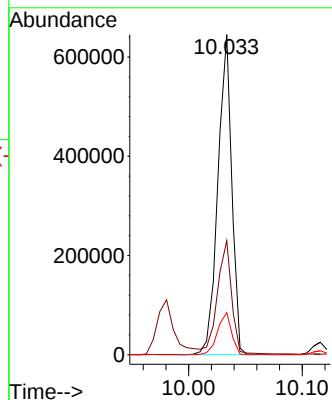
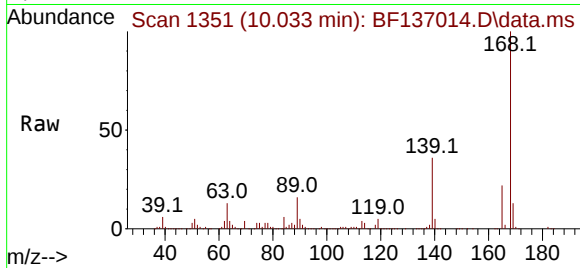




#55
Dibenzenofuran
Concen: 38.458 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

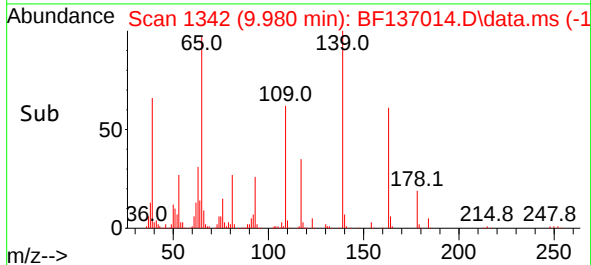
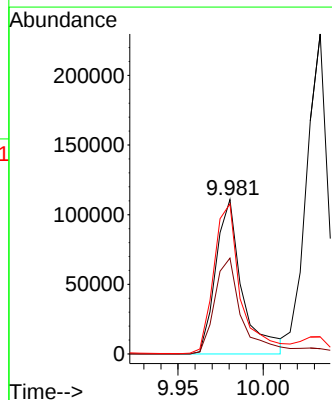
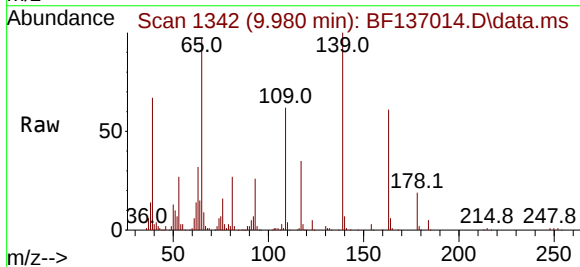
Instrument :
BNA_F
ClientSampleId :
PB158292BS

Tgt Ion:168 Resp: 548337
Ion Ratio Lower Upper
168 100
139 35.6 29.3 43.9
169 13.2 11.0 16.4



#56
4-Nitrophenol
Concen: 64.752 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.024 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

Tgt Ion:139 Resp: 119449
Ion Ratio Lower Upper
139 100
109 62.1 45.8 85.8
65 97.3 77.8 117.8

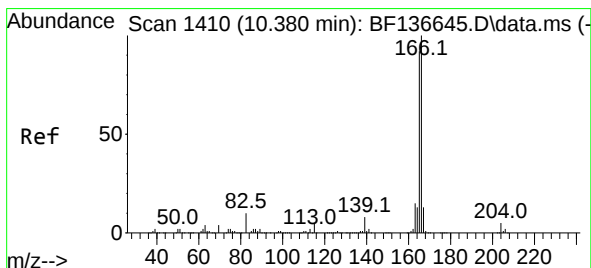
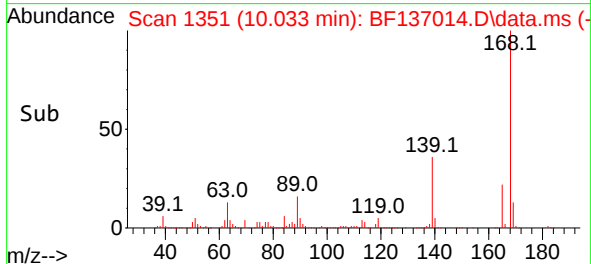
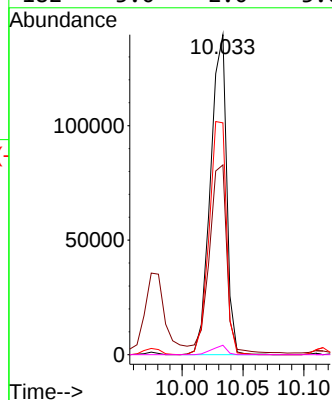
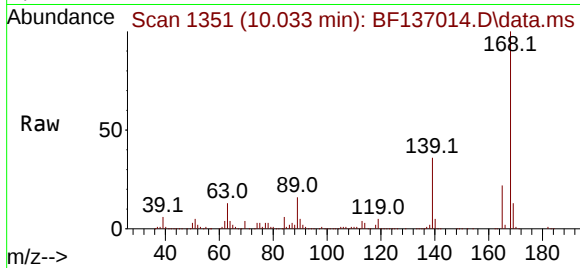




#57
2,4-Dinitrotoluene
Concen: 38.515 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

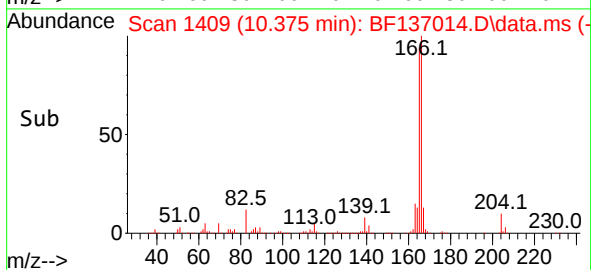
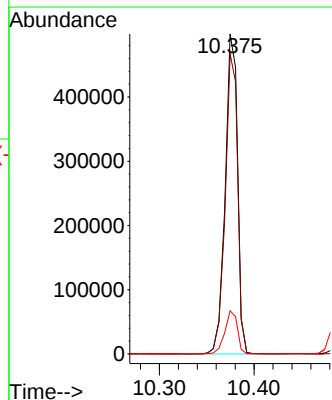
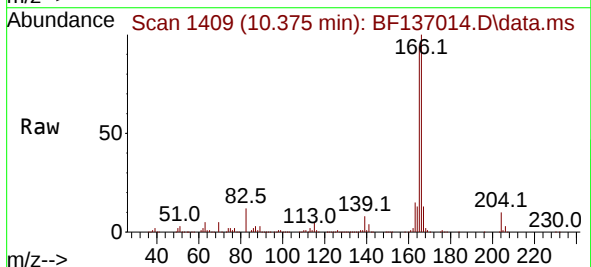
Instrument :
BNA_F
ClientSampleId :
PB158292BS

Tgt Ion:165 Resp: 128981
Ion Ratio Lower Upper
165 100
63 59.3 41.0 61.6
89 72.5 59.9 89.9
182 3.0 2.0 3.0



#58
Fluorene
Concen: 40.153 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

Tgt Ion:166 Resp: 454254
Ion Ratio Lower Upper
166 100
165 93.7 73.7 110.5
167 13.5 10.4 15.6

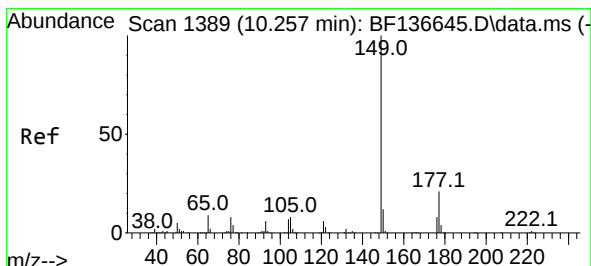
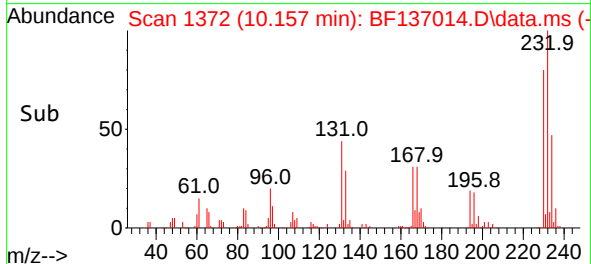
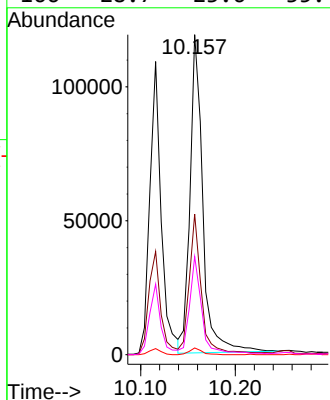
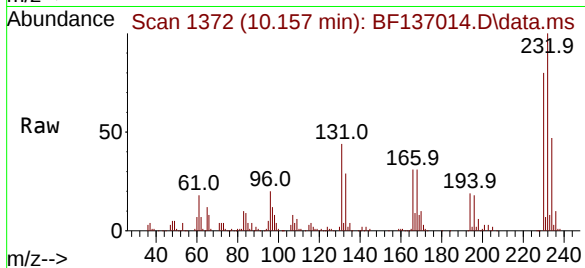




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.051 ng
RT: 10.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

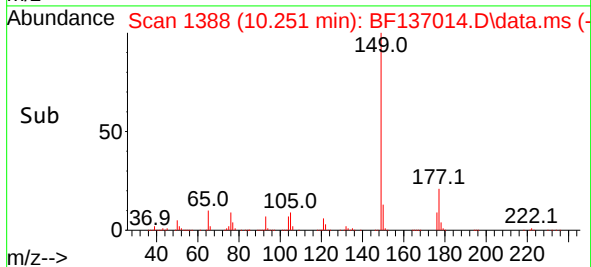
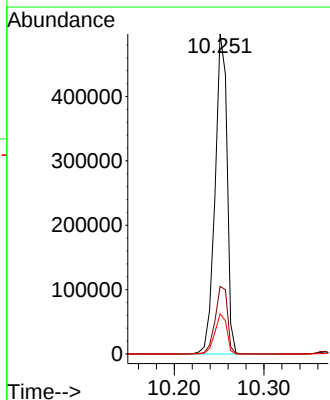
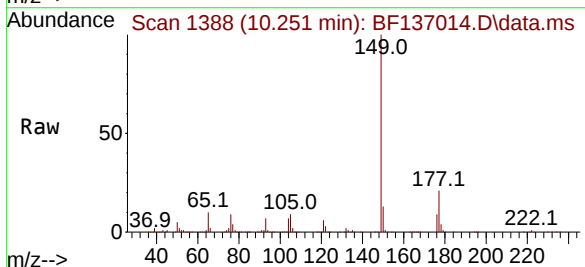
Instrument :
BNA_F
ClientSampleId :
PB158292BS

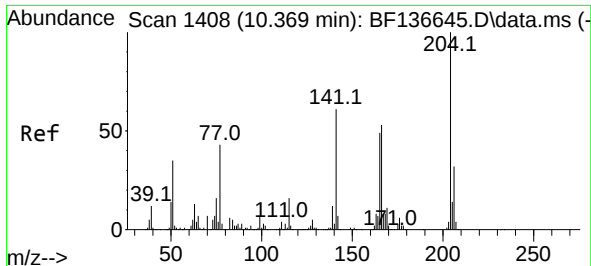
Tgt Ion:232 Resp: 111488
Ion Ratio Lower Upper
232 100
131 40.3 35.1 52.7
130 2.0 1.6 2.4
166 28.7 23.6 35.4



#60
Diethylphthalate
Concen: 39.066 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

Tgt Ion:149 Resp: 460728
Ion Ratio Lower Upper
149 100
177 21.1 16.9 25.3
150 12.5 9.3 13.9

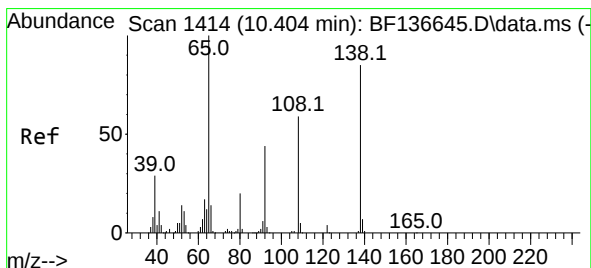
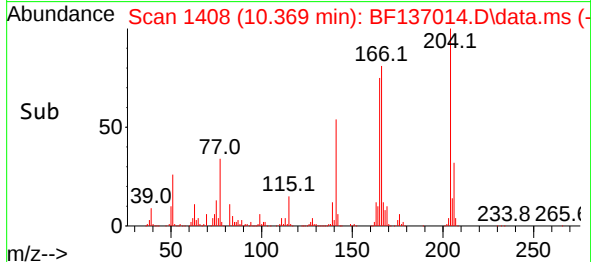
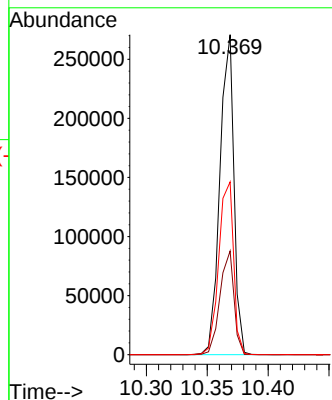
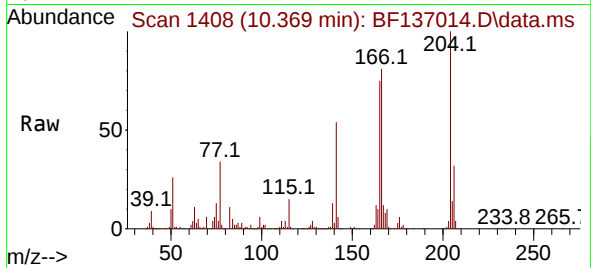




#61
4-Chlorophenyl-phenylether
Concen: 39.509 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

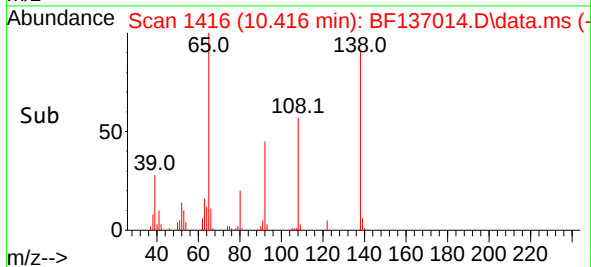
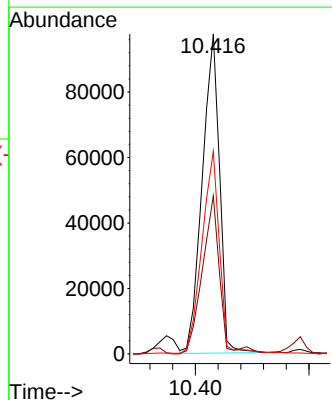
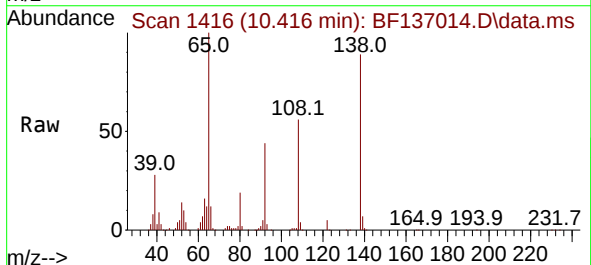
Instrument :
BNA_F
ClientSampleId :
PB158292BS

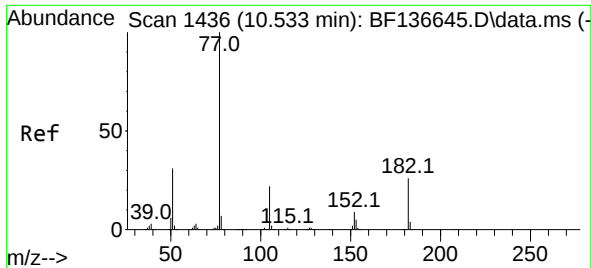
Tgt Ion:204 Resp: 217260
Ion Ratio Lower Upper
204 100
206 32.4 25.6 38.4
141 54.0 48.4 72.6



#62
4-Nitroaniline
Concen: 38.948 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.012 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

Tgt Ion:138 Resp: 102603
Ion Ratio Lower Upper
138 100
92 49.4 32.1 72.1
108 63.3 50.1 90.1

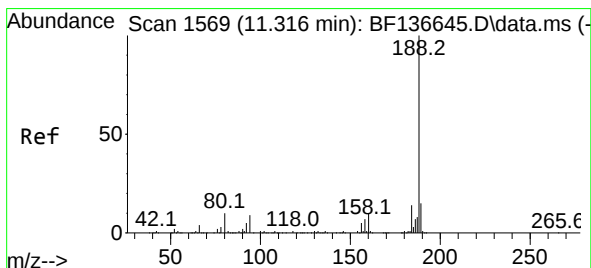
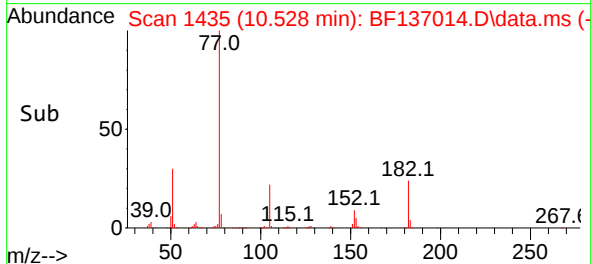
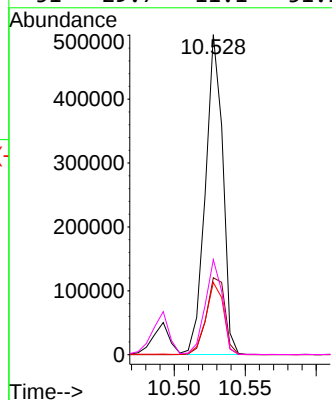
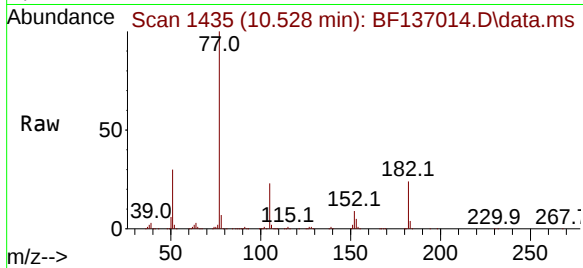




#63
Azobenzene
Concen: 38.687 ng
RT: 10.528 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

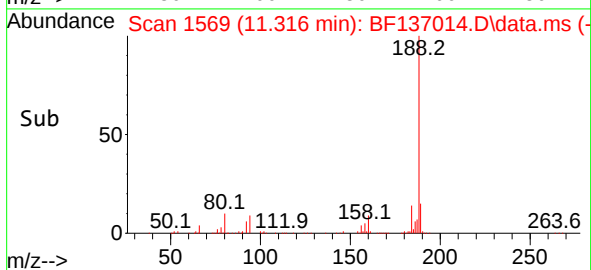
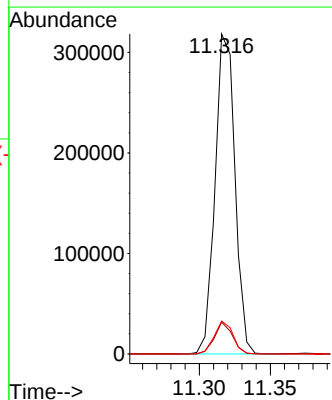
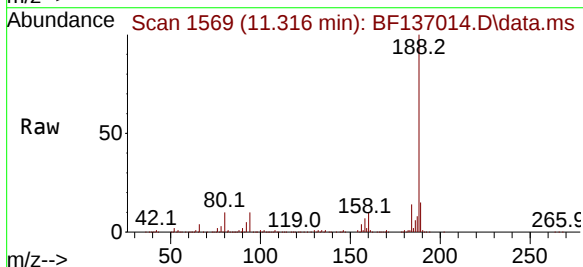
Instrument :
BNA_F
ClientSampleId :
PB158292BS

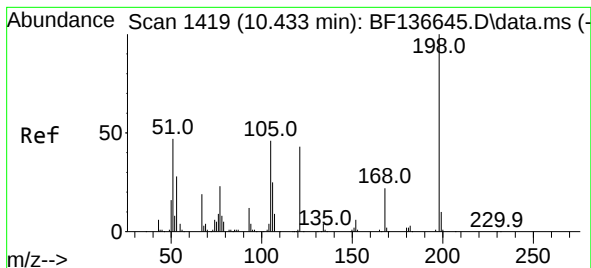
Tgt Ion: 77	Resp: 426144
Ion Ratio	Lower Upper
77 100	
182 24.1	6.0 46.0
105 22.6	2.3 42.3
51 29.7	11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

Tgt Ion:188	Resp: 309120
Ion Ratio	Lower Upper
188 100	
94 10.0	7.5 11.3
80 10.3	8.1 12.1

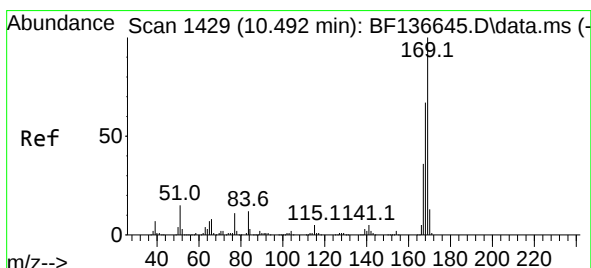
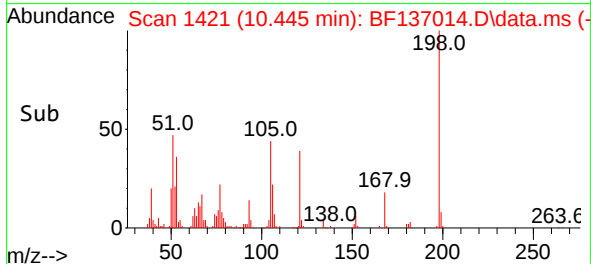
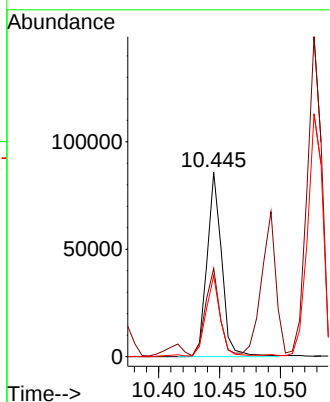
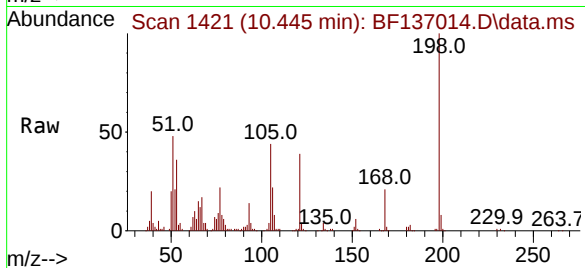




#65
4,6-Dinitro-2-methylphenol
Concen: 40.521 ng
RT: 10.445 min Scan# 1419
Delta R.T. 0.012 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

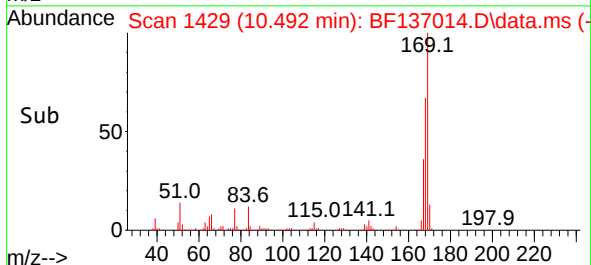
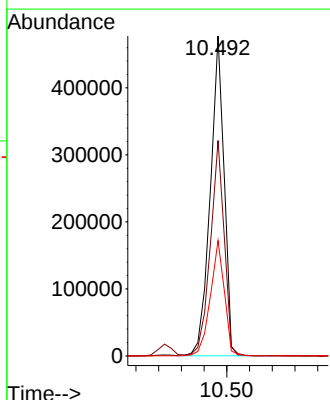
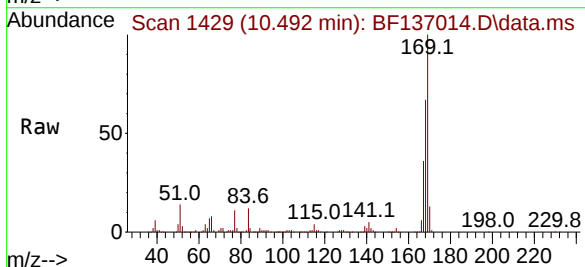
Instrument :
BNA_F
ClientSampleId :
PB158292BS

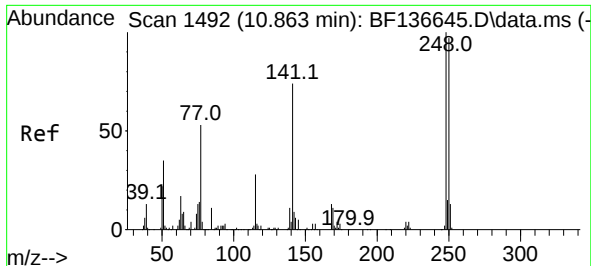
Tgt Ion:198 Resp: 71785
Ion Ratio Lower Upper
198 100
51 47.9 34.1 74.1
105 44.0 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 40.117 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

Tgt Ion:169 Resp: 402839
Ion Ratio Lower Upper
169 100
168 67.3 53.8 80.6
167 36.0 28.7 43.1

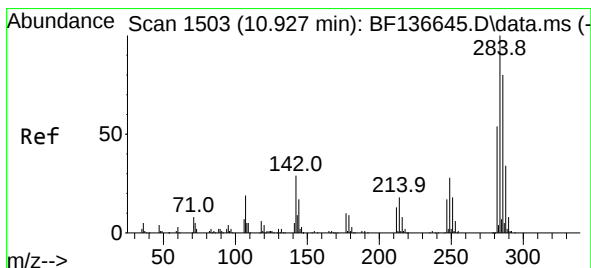
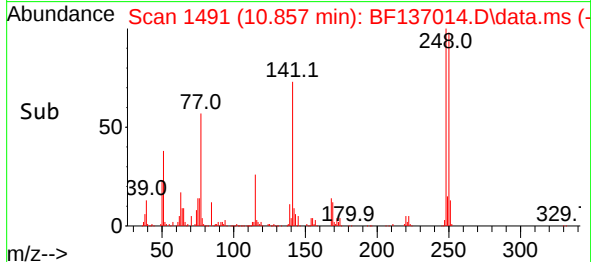
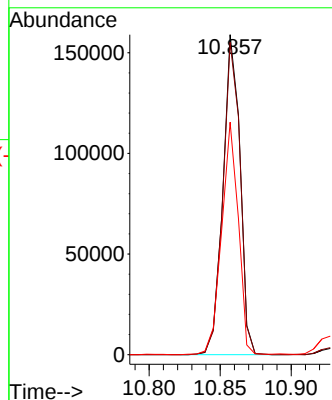
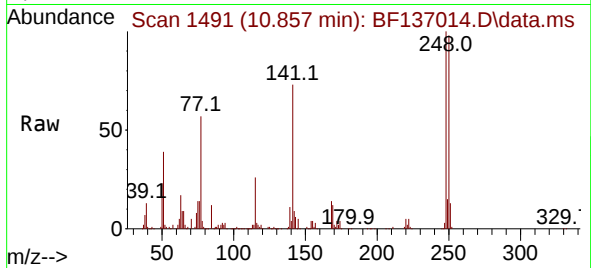




#67
4-Bromophenyl-phenylether
Concen: 38.620 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

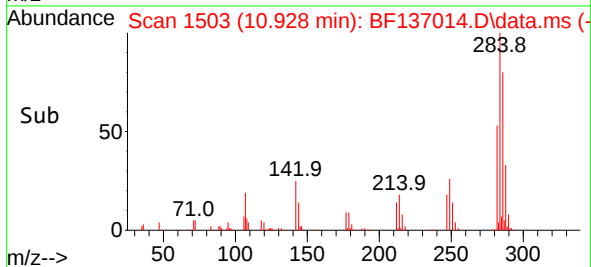
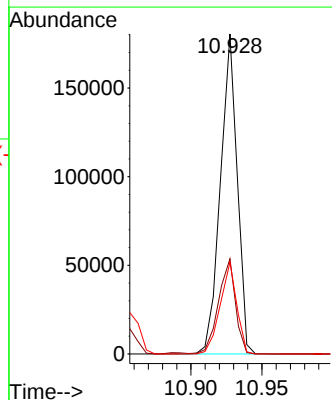
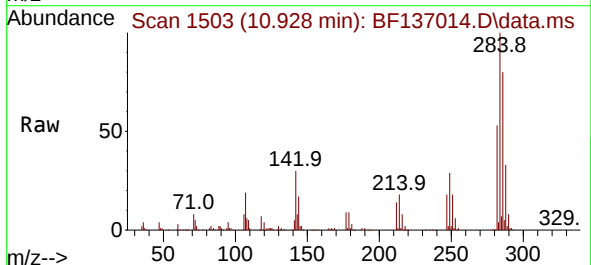
Instrument :
BNA_F
ClientSampleId :
PB158292BS

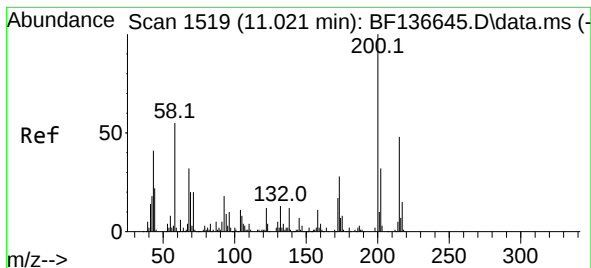
Tgt Ion:248 Resp: 132582
Ion Ratio Lower Upper
248 100
250 97.6 77.8 116.6
141 72.7 59.2 88.8



#68
Hexachlorobenzene
Concen: 38.775 ng
RT: 10.928 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

Tgt Ion:284 Resp: 148345
Ion Ratio Lower Upper
284 100
142 29.7 23.4 35.0
249 28.7 22.3 33.5





#69

Atrazine

Concen: 71.989 ng

RT: 11.033 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF137014.D

Acq: 10 Jan 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB158292BS

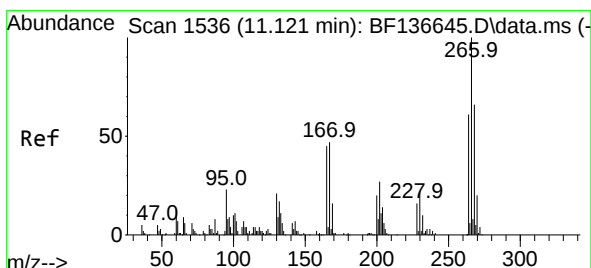
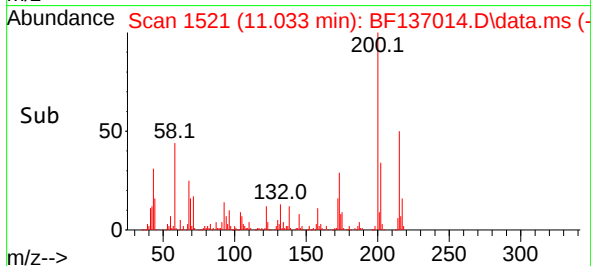
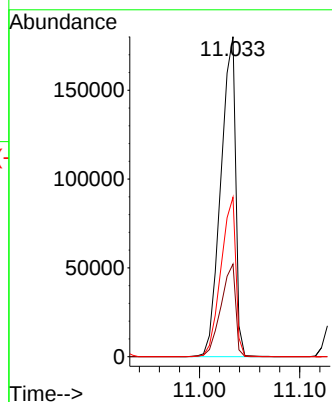
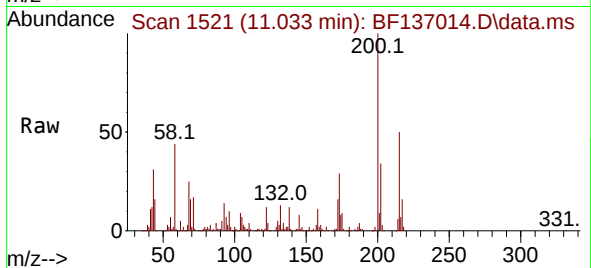
Tgt Ion:200 Resp: 184894

Ion Ratio Lower Upper

200 100

173 29.0 7.6 47.6

215 49.8 28.3 68.3



#70

Pentachlorophenol

Concen: 77.288 ng

RT: 11.133 min Scan# 1538

Delta R.T. 0.012 min

Lab File: BF137014.D

Acq: 10 Jan 2024 11:59

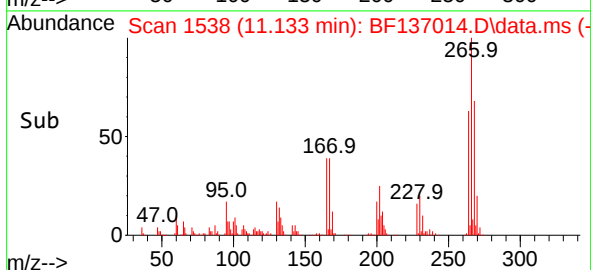
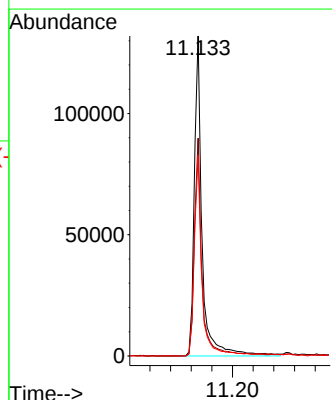
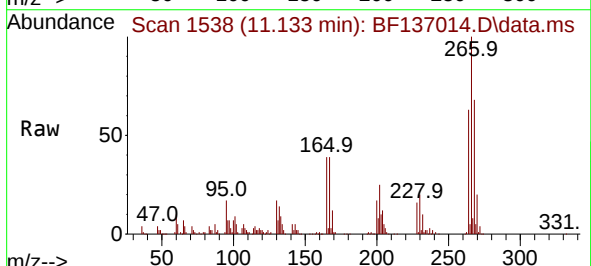
Tgt Ion:266 Resp: 137823

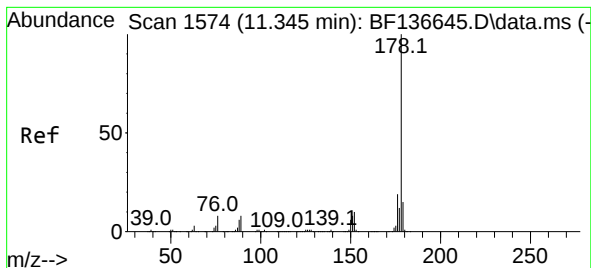
Ion Ratio Lower Upper

266 100

268 68.1 52.6 78.8

264 62.7 49.0 73.4





#71

Phenanthrene

Concen: 41.393 ng

RT: 11.345 min Scan# 1574

Delta R.T. 0.000 min

Lab File: BF137014.D

Acq: 10 Jan 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB158292BS

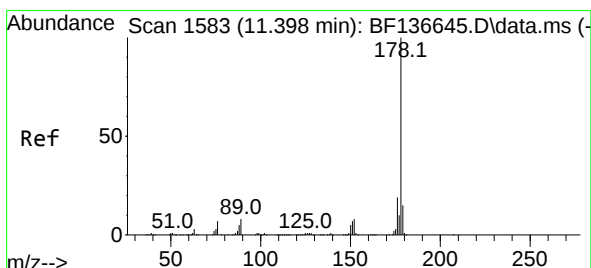
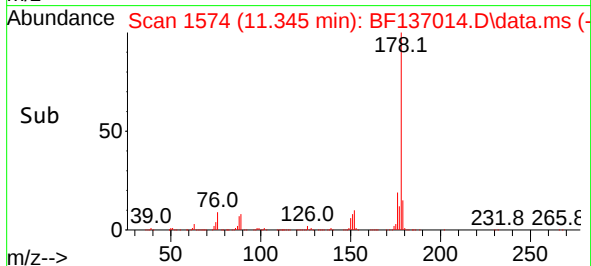
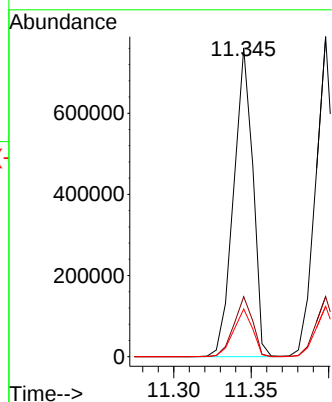
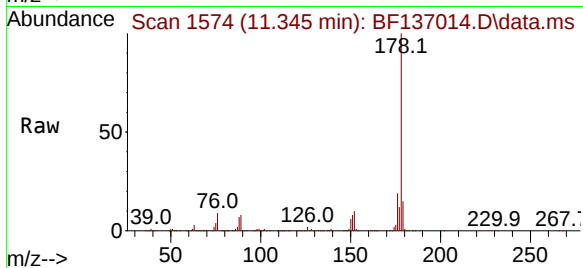
Tgt Ion:178 Resp: 656546

Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

179 15.4 11.9 17.9



#72

Anthracene

Concen: 40.846 ng

RT: 11.398 min Scan# 1583

Delta R.T. 0.000 min

Lab File: BF137014.D

Acq: 10 Jan 2024 11:59

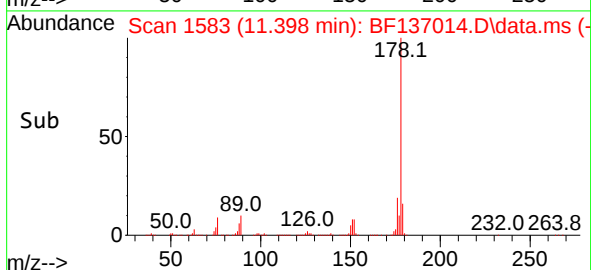
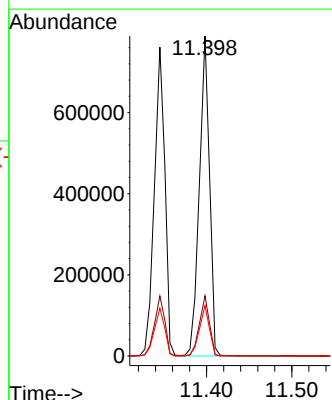
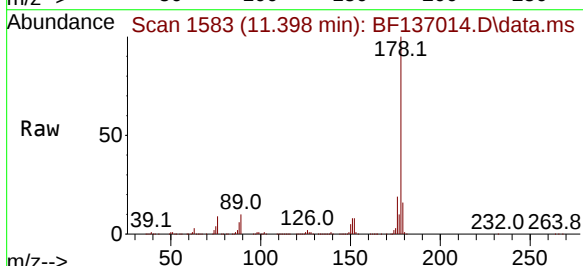
Tgt Ion:178 Resp: 656116

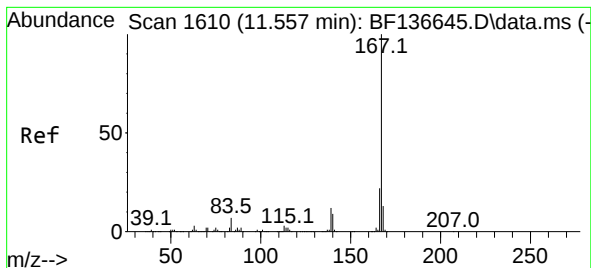
Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

179 15.8 11.8 17.6





#73

Carbazole

Concen: 41.162 ng

RT: 11.557 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137014.D

Acq: 10 Jan 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB158292BS

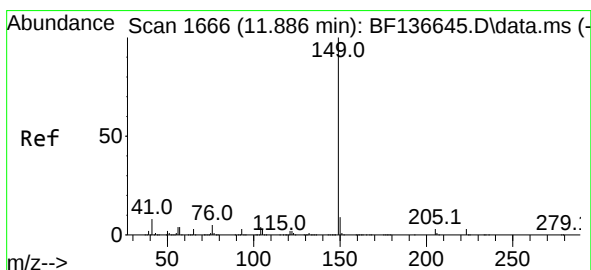
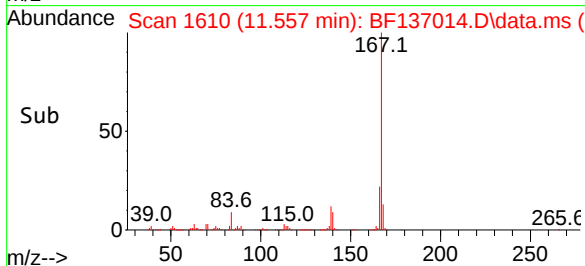
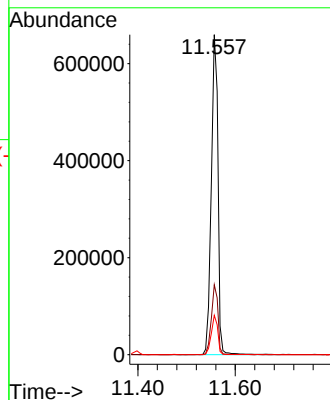
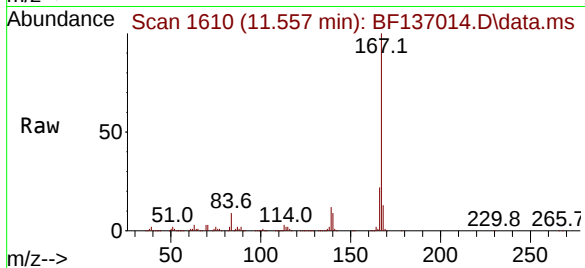
Tgt Ion:167 Resp: 623379

Ion Ratio Lower Upper

167 100

166 21.9 17.3 25.9

139 12.3 9.8 14.6



#74

Di-n-butylphthalate

Concen: 41.422 ng

RT: 11.880 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF137014.D

Acq: 10 Jan 2024 11:59

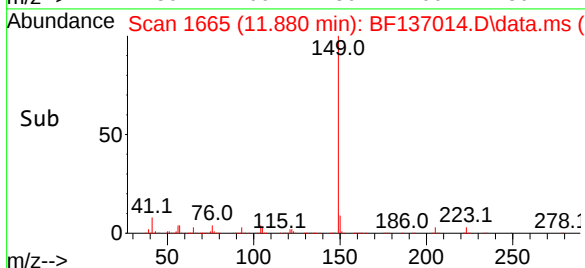
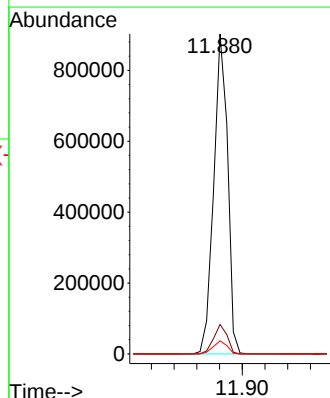
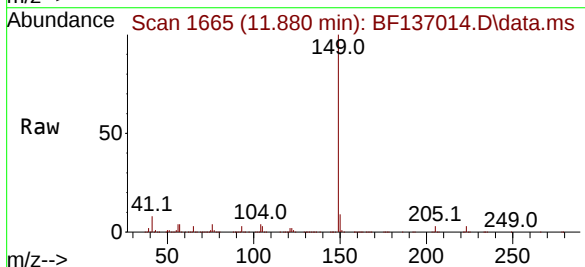
Tgt Ion:149 Resp: 765477

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 4.1 3.6 5.4

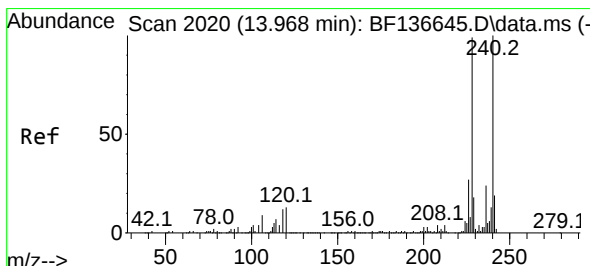
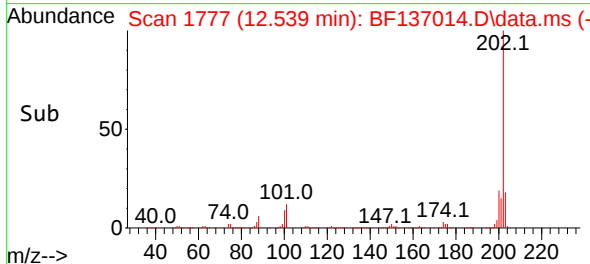
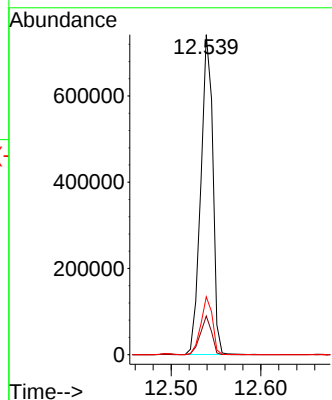
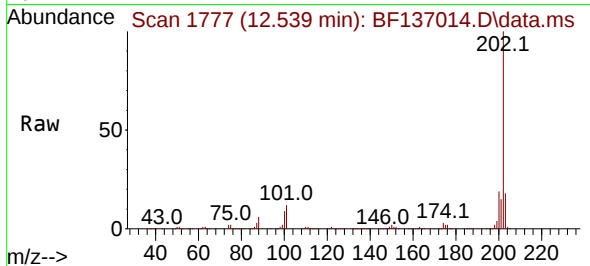




#75
Fluoranthene
Concen: 40.533 ng
RT: 12.539 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

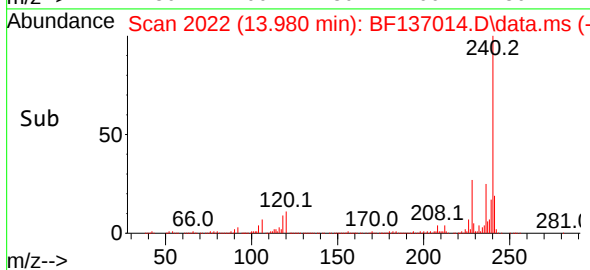
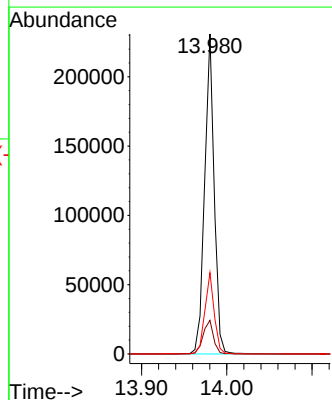
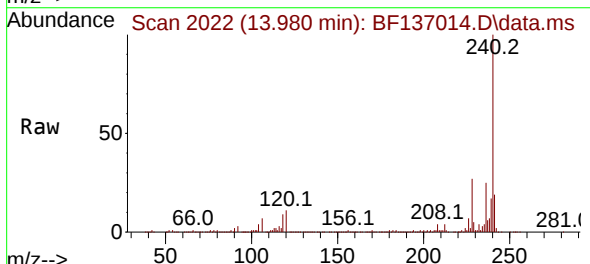
Instrument :
BNA_F
ClientSampleId :
PB158292BS

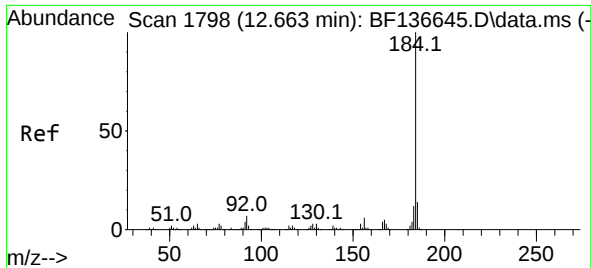
Tgt Ion:202 Resp: 687674
Ion Ratio Lower Upper
202 100
101 12.1 0.0 29.3
203 18.1 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.012 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

Tgt Ion:240 Resp: 179726
Ion Ratio Lower Upper
240 100
120 10.5 10.3 15.5
236 25.4 19.4 29.2

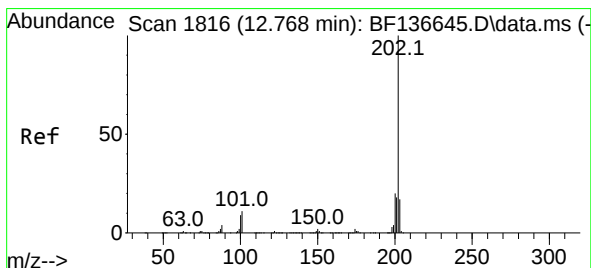
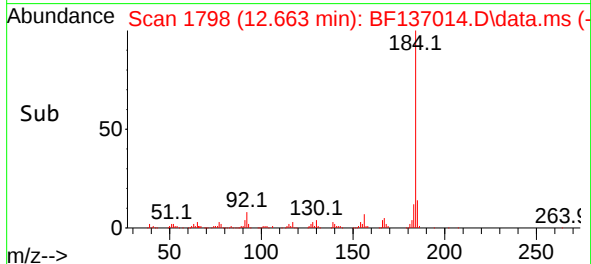
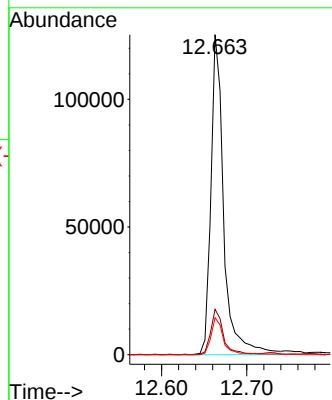
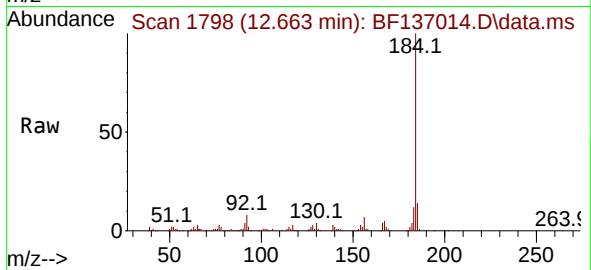




#77
Benzidine
Concen: 24.722 ng
RT: 12.663 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

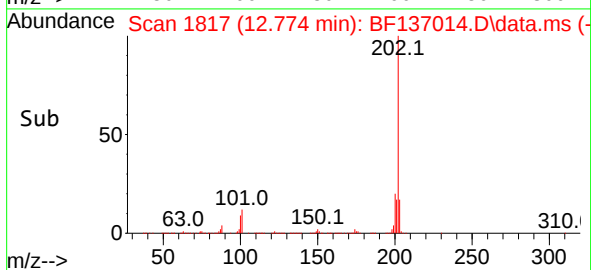
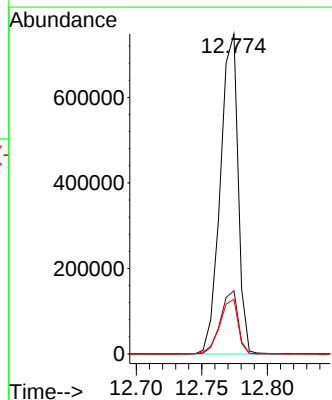
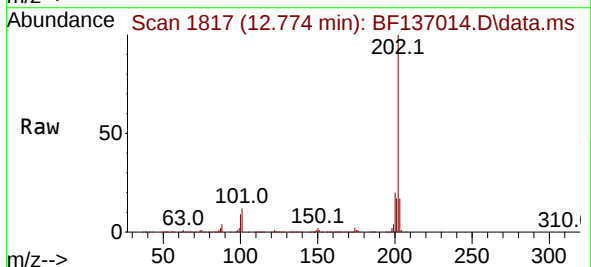
Instrument :
BNA_F
ClientSampleId :
PB158292BS

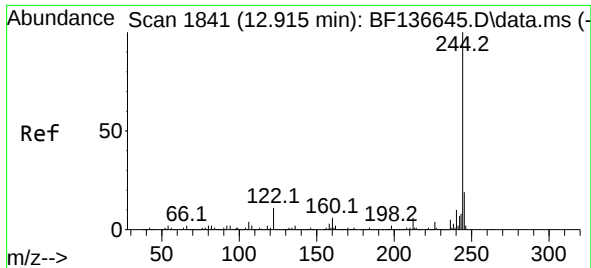
Tgt Ion:184 Resp: 131013
Ion Ratio Lower Upper
184 100
185 14.2 11.2 16.8
183 11.5 9.3 13.9



#78
Pyrene
Concen: 39.913 ng
RT: 12.774 min Scan# 1817
Delta R.T. 0.006 min
Lab File: BF137014.D
Acq: 10 Jan 2024 11:59

Tgt Ion:202 Resp: 704188
Ion Ratio Lower Upper
202 100
200 19.8 15.9 23.9
203 17.1 13.8 20.6

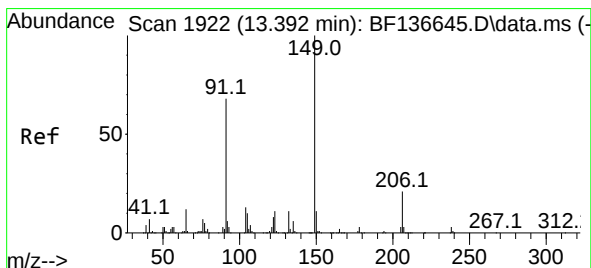
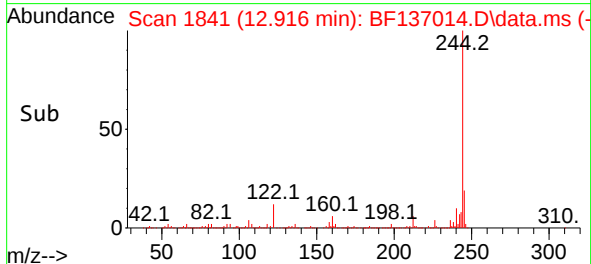
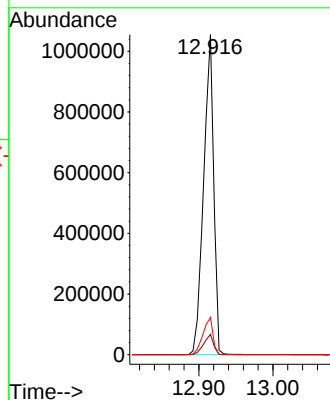
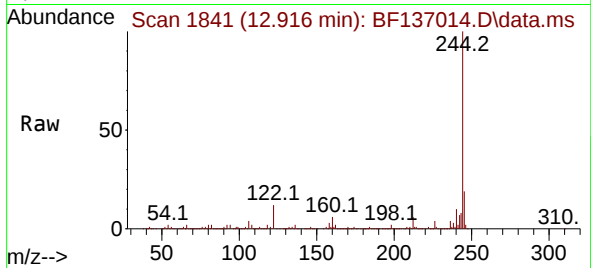




#79
 Terphenyl-d14
 Concen: 77.617 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. 0.000 min
 Lab File: BF137014.D
 Acq: 10 Jan 2024 11:59

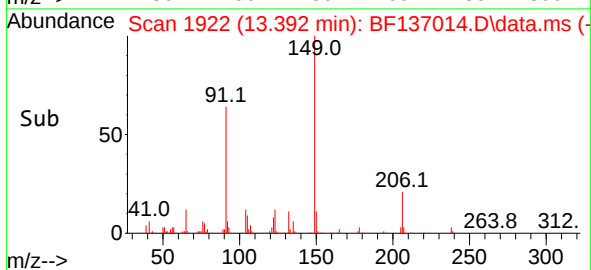
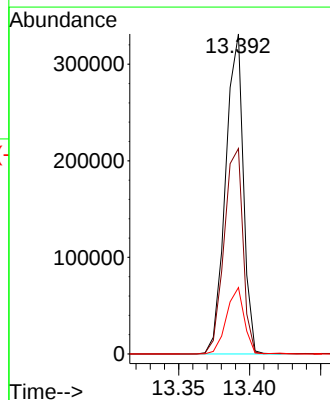
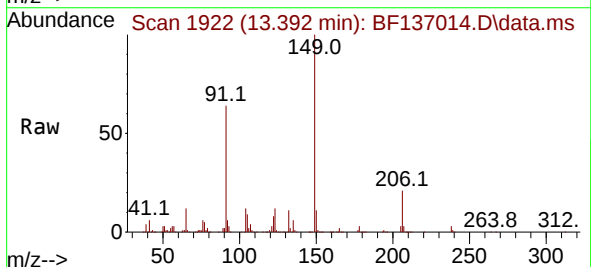
Instrument :
 BNA_F
 ClientSampleId :
 PB158292BS

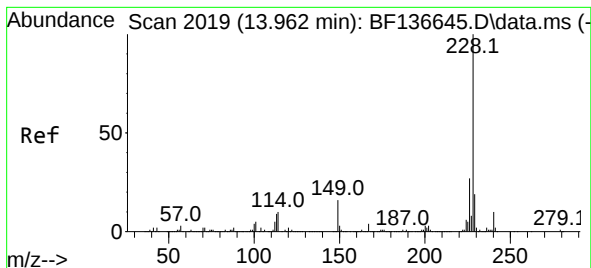
Tgt Ion:244 Resp: 998224
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 11.7 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 44.954 ng
 RT: 13.392 min Scan# 1922
 Delta R.T. 0.000 min
 Lab File: BF137014.D
 Acq: 10 Jan 2024 11:59

Tgt Ion:149 Resp: 288594
 Ion Ratio Lower Upper
 149 100
 91 64.2 54.1 81.1
 206 20.8 17.1 25.7





#81

Benzo(a)anthracene

Concen: 41.384 ng

RT: 13.968 min Scan# 2014

Delta R.T. 0.006 min

Lab File: BF137014.D

Acq: 10 Jan 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB158292BS

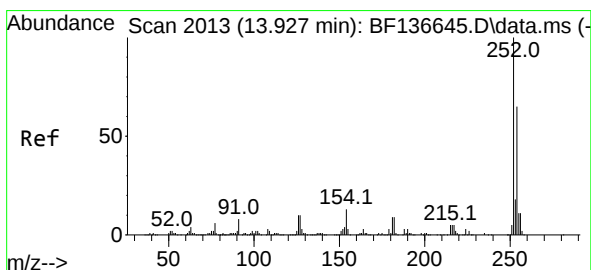
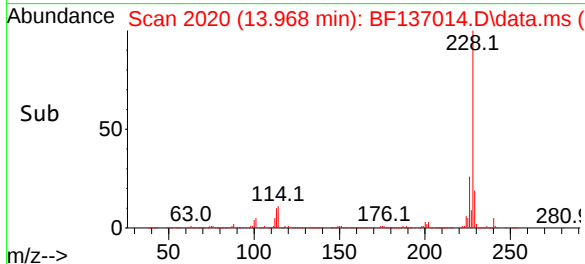
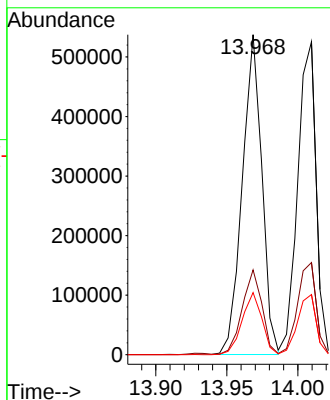
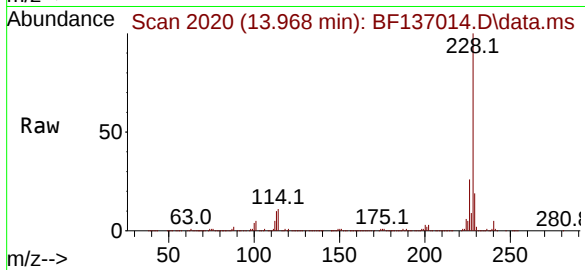
Tgt Ion:228 Resp: 516475

Ion Ratio Lower Upper

228 100

226 26.5 21.4 32.0

229 19.4 14.9 22.3



#82

3,3'-Dichlorobenzidine

Concen: 38.137 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.006 min

Lab File: BF137014.D

Acq: 10 Jan 2024 11:59

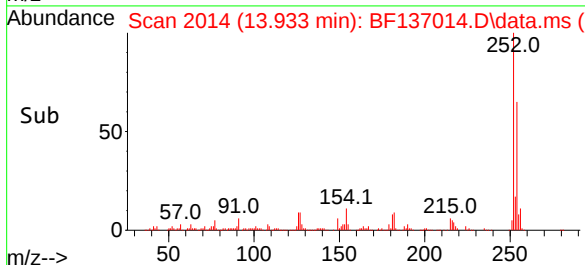
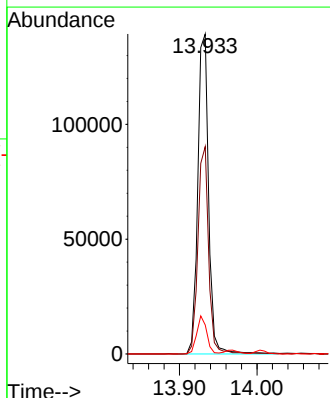
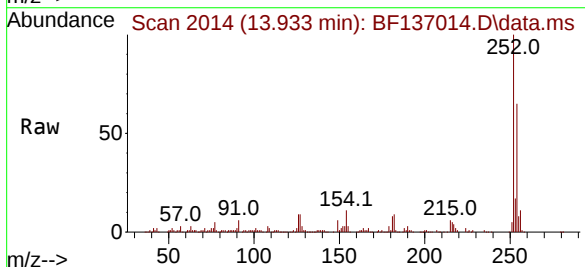
Tgt Ion:252 Resp: 135167

Ion Ratio Lower Upper

252 100

254 64.8 52.2 78.4

126 9.0 8.0 12.0





#83

Chrysene

Concen: 39.021 ng

RT: 14.010 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF137014.D

Acq: 10 Jan 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB158292BS

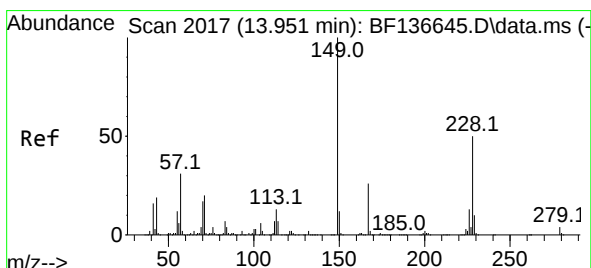
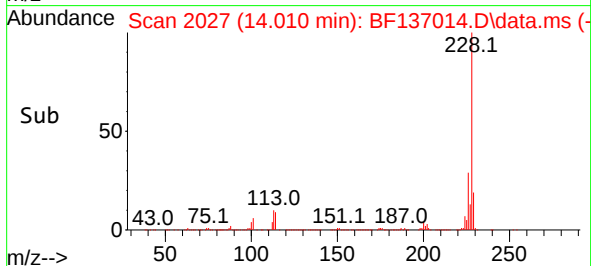
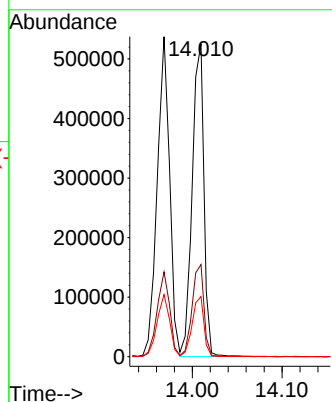
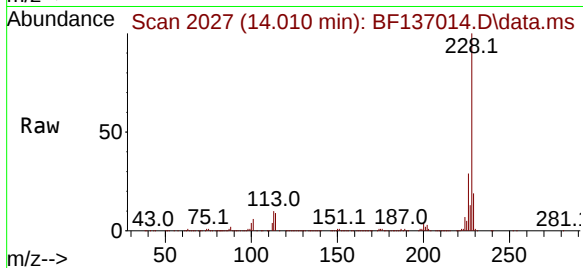
Tgt Ion:228 Resp: 476214

Ion Ratio Lower Upper

228 100

226 29.5 24.7 37.1

229 19.2 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.299 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF137014.D

Acq: 10 Jan 2024 11:59

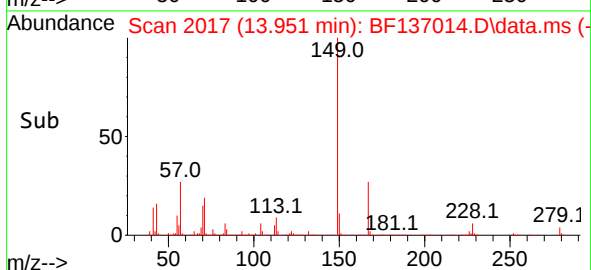
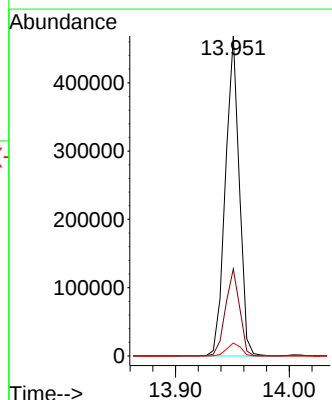
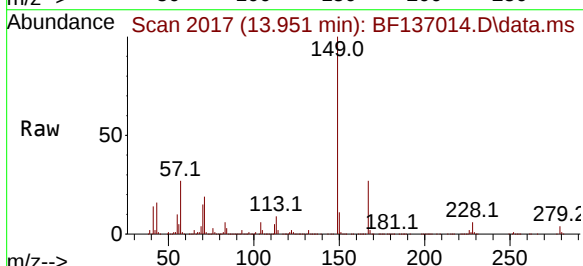
Tgt Ion:149 Resp: 398200

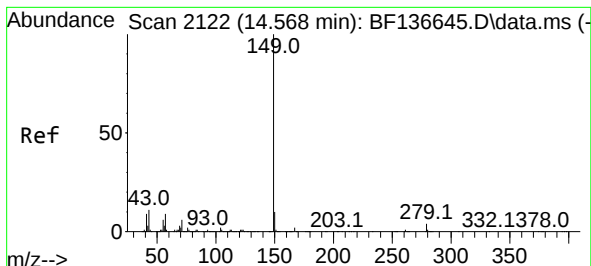
Ion Ratio Lower Upper

149 100

167 27.2 20.9 31.3

279 4.1 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 44.896 ng

RT: 14.568 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF137014.D

Acq: 10 Jan 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB158292BS

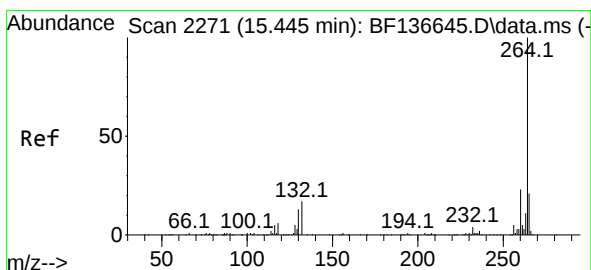
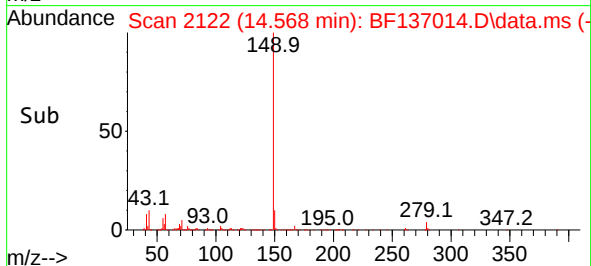
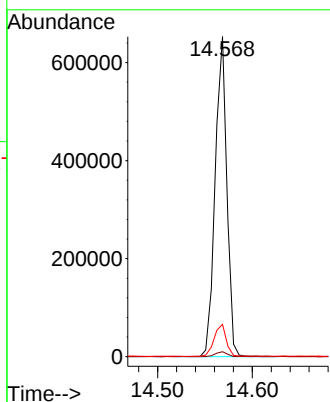
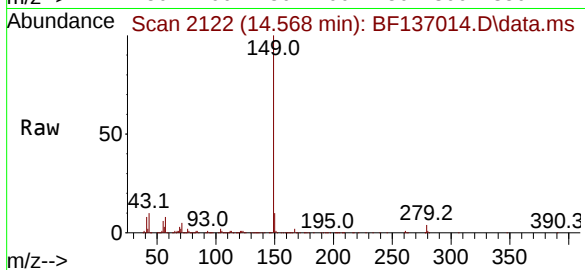
Tgt Ion:149 Resp: 560953

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.5 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2274

Delta R.T. 0.018 min

Lab File: BF137014.D

Acq: 10 Jan 2024 11:59

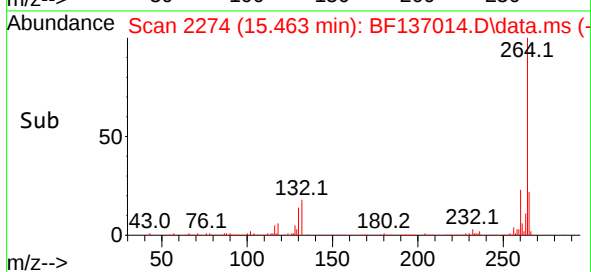
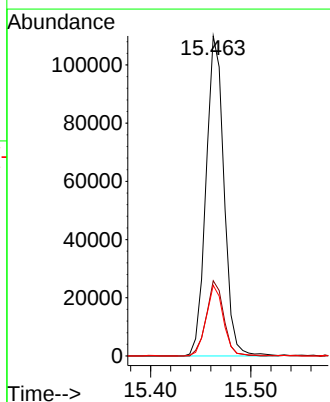
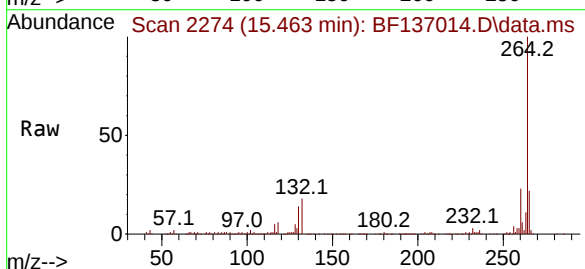
Tgt Ion:264 Resp: 136894

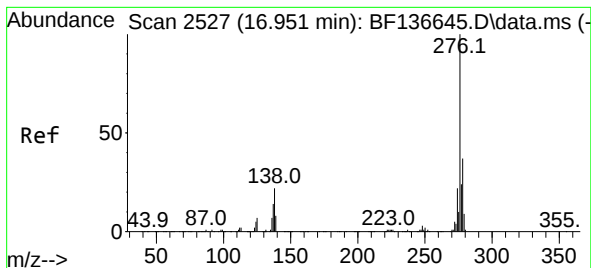
Ion Ratio Lower Upper

264 100

260 23.5 18.3 27.5

265 22.1 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.049 ng

RT: 16.998 min Scan# 21

Delta R.T. 0.047 min

Lab File: BF137014.D

Acq: 10 Jan 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB158292BS

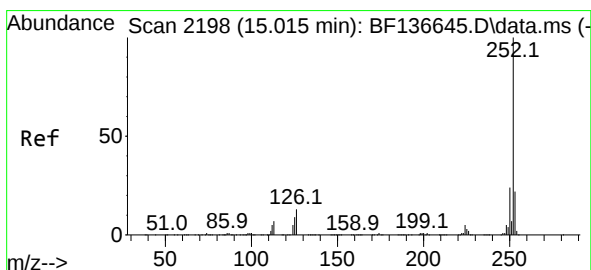
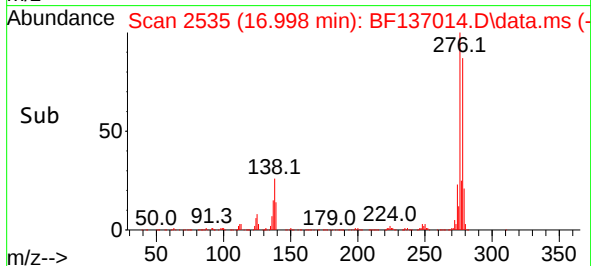
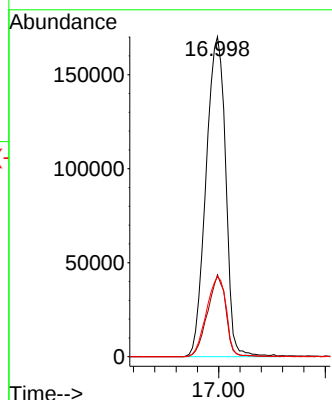
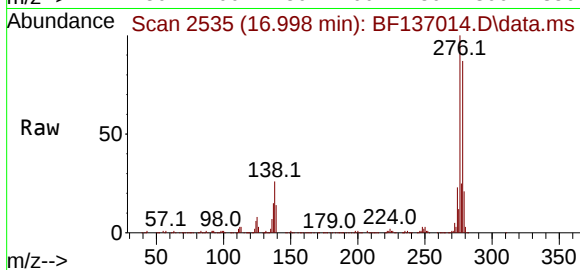
Tgt Ion:276 Resp: 435376

Ion Ratio Lower Upper

276 100

138 23.9 18.7 28.1

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 44.022 ng

RT: 15.027 min Scan# 2200

Delta R.T. 0.012 min

Lab File: BF137014.D

Acq: 10 Jan 2024 11:59

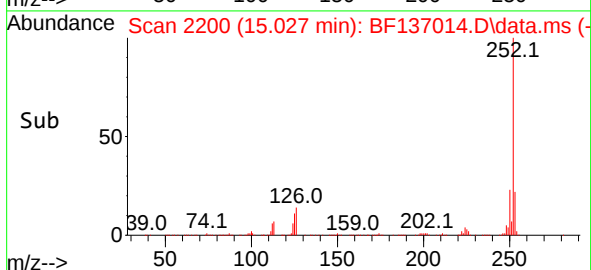
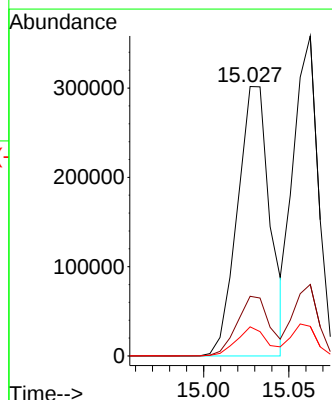
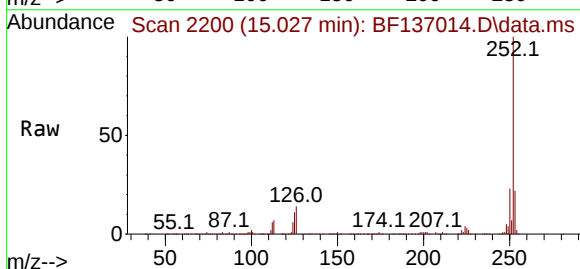
Tgt Ion:252 Resp: 402507

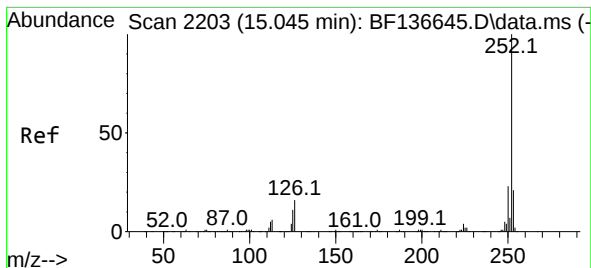
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 10.8 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 42.514 ng

RT: 15.063 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF137014.D

Acq: 10 Jan 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB158292BS

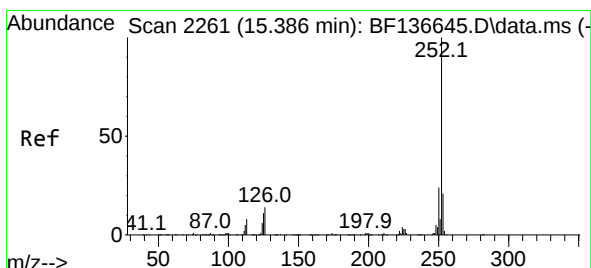
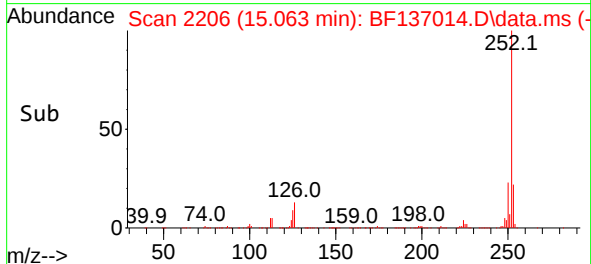
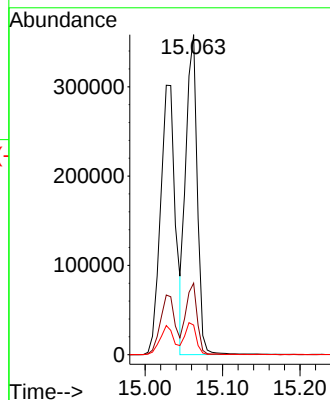
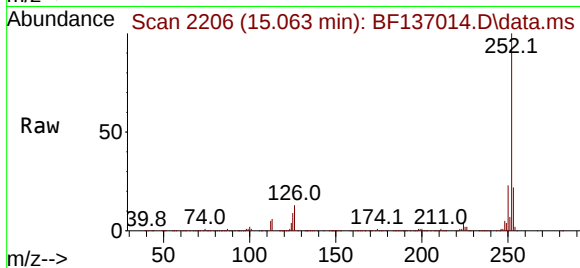
Tgt Ion:252 Resp: 367304

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

125 9.3 8.2 12.4



#90

Benzo(a)pyrene

Concen: 42.785 ng

RT: 15.404 min Scan# 2264

Delta R.T. 0.018 min

Lab File: BF137014.D

Acq: 10 Jan 2024 11:59

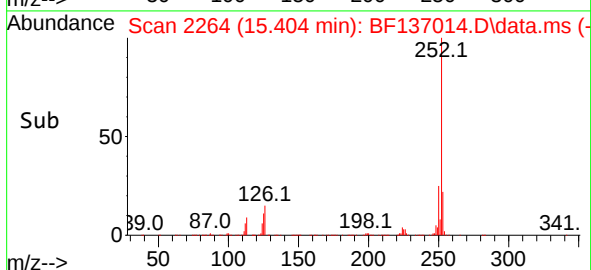
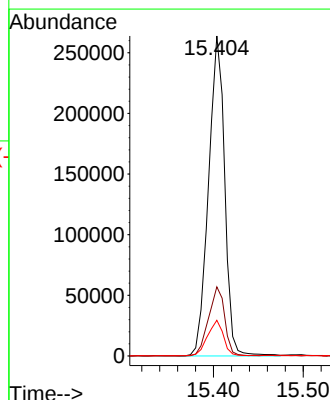
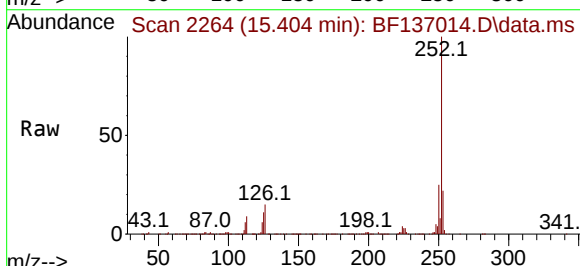
Tgt Ion:252 Resp: 330208

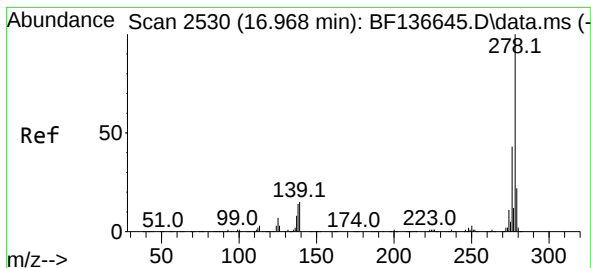
Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.6

125 11.1 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 45.313 ng

RT: 17.009 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF137014.D

Acq: 10 Jan 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB158292BS

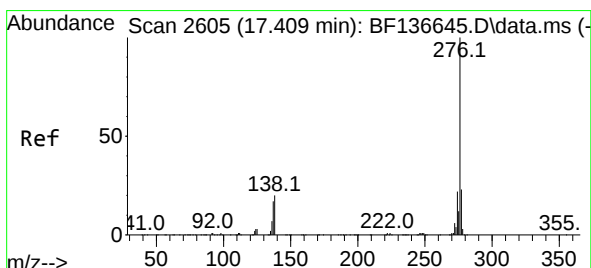
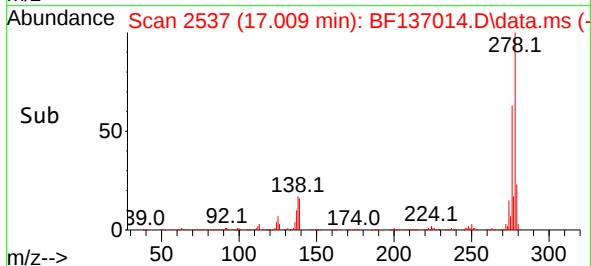
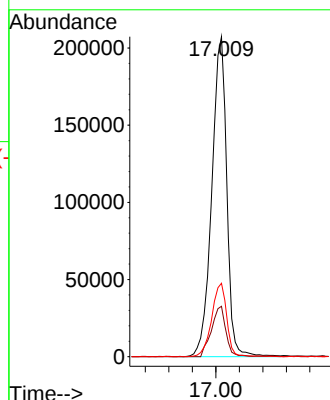
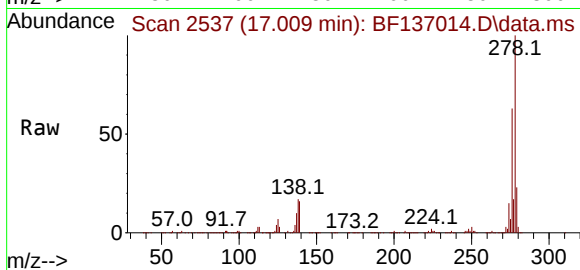
Tgt Ion:278 Resp: 367436

Ion Ratio Lower Upper

278 100

139 15.8 12.2 18.4

279 23.0 17.8 26.6



#92

Benzo(g,h,i)perylene

Concen: 43.778 ng

RT: 17.462 min Scan# 2614

Delta R.T. 0.053 min

Lab File: BF137014.D

Acq: 10 Jan 2024 11:59

Tgt Ion:276 Resp: 363579

Ion Ratio Lower Upper

276 100

277 22.8 18.3 27.5

138 19.2 15.6 23.4

