

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011724\
 Data File : BF137094.D
 Acq On : 17 Jan 2024 15:30
 Operator : CG\JU
 Sample : PB158472BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158472BS

Quant Time: Jan 17 16:07:20 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	66215	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	263286	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	136500	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	265209	20.000	ng	0.00
76) Chrysene-d12	13.974	240	137849	20.000	ng	0.00
86) Perylene-d12	15.462	264	114788	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	498867	117.553	ng	0.01
7) Phenol-d6	6.445	99	622788	113.257	ng	0.00
23) Nitrobenzene-d5	7.351	82	376769	73.227	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	185838	115.600	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	776064	76.468	ng	0.00
79) Terphenyl-d14	12.910	244	833356	84.483	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	60320	34.114	ng	95
3) Pyridine	3.393	79	135693	31.452	ng	94
4) n-Nitrosodimethylamine	3.351	42	81715	35.468	ng	95
6) Aniline	6.451	93	168446	30.639	ng	# 41
8) 2-Chlorophenol	6.581	128	191578	41.252	ng	93
9) Benzaldehyde	6.340	77	46797	14.962	ng	98
10) Phenol	6.457	94	230336	39.239	ng	98
11) bis(2-Chloroethyl)ether	6.528	93	174384	39.063	ng	95
12) 1,3-Dichlorobenzene	6.728	146	187837	37.076	ng	95
13) 1,4-Dichlorobenzene	6.804	146	190172	36.737	ng	95
14) 1,2-Dichlorobenzene	6.951	146	181356	37.650	ng	99
15) Benzyl Alcohol	6.939	79	154661	41.690	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.057	45	273012	37.406	ng	# 45
17) 2-Methylphenol	7.051	107	152443	39.623	ng	95
18) Hexachloroethane	7.287	117	68781	36.586	ng	95
19) n-Nitroso-di-n-propyla...	7.204	70	129491	38.846	ng	95
20) 3+4-Methylphenols	7.204	107	197865	41.166	ng	# 71
22) Acetophenone	7.198	105	266809	40.430	ng	# 90
24) Nitrobenzene	7.369	77	189616	36.789	ng	98
25) Isophorone	7.610	82	355811	38.005	ng	97
26) 2-Nitrophenol	7.686	139	100294	40.671	ng	99
27) 2,4-Dimethylphenol	7.728	122	167595	55.825	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	221858	38.985	ng	99
29) 2,4-Dichlorophenol	7.934	162	157717	40.806	ng	96
30) 1,2,4-Trichlorobenzene	8.004	180	161409	37.481	ng	99
31) Naphthalene	8.086	128	543426	37.570	ng	99
32) Benzoic acid	7.886	122	108466	37.340	ng	99
33) 4-Chloroaniline	8.139	127	115586	21.643	ng	98
34) Hexachlorobutadiene	8.192	225	95095	36.346	ng	98
35) Caprolactam	8.557	113	14001	10.981	ng	88
36) 4-Chloro-3-methylphenol	8.639	107	171521	39.419	ng	99
37) 2-Methylnaphthalene	8.775	142	352100	37.825	ng	100
38) 1-Methylnaphthalene	8.875	142	330271	36.164	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	168143	39.775	ng	99
41) Hexachlorocyclopentadiene	8.922	237	79438	60.226	ng	100
43) 2,4,6-Trichlorophenol	9.063	196	108602	40.059	ng	99

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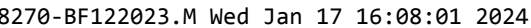
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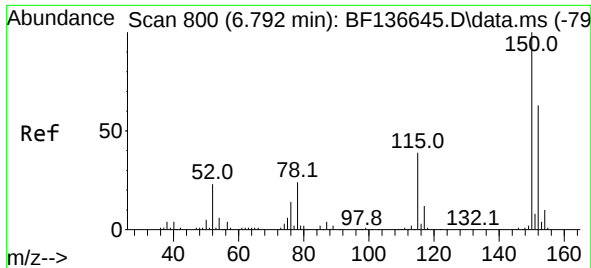
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 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	116310	38.499	ng	99
46) 1,1'-Biphenyl	9.245	154	452343	39.491	ng	99
47) 2-Chloronaphthalene	9.269	162	337672	38.778	ng	99
48) 2-Nitroaniline	9.375	65	107458	39.407	ng	97
49) Acenaphthylene	9.686	152	527956	39.667	ng	100
50) Dimethylphthalate	9.545	163	399459	40.065	ng	99
51) 2,6-Dinitrotoluene	9.616	165	89933	39.745	ng	89
52) Acenaphthene	9.857	154	328085	39.765	ng	97
53) 3-Nitroaniline	9.792	138	75485	31.492	ng	89
54) 2,4-Dinitrophenol	9.910	184	75376	61.034	ng	95
55) Dibenzofuran	10.028	168	484642	38.751	ng	99
56) 4-Nitrophenol	9.975	139	90425	55.883	ng	97
57) 2,4-Dinitrotoluene	10.028	165	112926	38.443	ng	# 88
58) Fluorene	10.375	166	400943	40.403	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	98846	42.504	ng	93
60) Diethylphthalate	10.251	149	402047	38.865	ng	98
61) 4-Chlorophenyl-phenyle...	10.363	204	191837	39.771	ng	99
62) 4-Nitroaniline	10.416	138	85108	36.832	ng	86
63) Azobenzene	10.527	77	370789	38.376	ng	98
65) 4,6-Dinitro-2-methylph...	10.445	198	56796	37.368	ng	87
66) n-Nitrosodiphenylamine	10.486	169	354953	41.201	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	116972	39.714	ng	95
68) Hexachlorobenzene	10.922	284	128424	39.126	ng	95
69) Atrazine	11.027	200	148993	67.616	ng	99
70) Pentachlorophenol	11.127	266	99768	65.211	ng	100
71) Phenanthrene	11.345	178	563760	41.428	ng	100
72) Anthracene	11.398	178	565934	41.065	ng	99
73) Carbazole	11.557	167	514906	39.629	ng	99
74) Di-n-butylphthalate	11.880	149	636120	40.121	ng	99
75) Fluoranthene	12.539	202	571983	39.296	ng	98
77) Benzidine	12.663	184	62344	15.338	ng	98
78) Pyrene	12.769	202	574152	42.429	ng	99
80) Butylbenzylphthalate	13.386	149	222841	45.256	ng	99
81) Benzo(a)anthracene	13.963	228	411276	42.966	ng	98
82) 3,3'-Dichlorobenzidine	13.927	252	106257	39.088	ng	99
83) Chrysene	14.004	228	378415	40.427	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	301515	48.669	ng	98
85) Di-n-octyl phthalate	14.563	149	427749	44.635	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	390553	47.124	ng	100
88) Benzo(b)fluoranthene	15.027	252	319543	41.679	ng	99
89) Benzo(k)fluoranthene	15.057	252	319333	44.080	ng	99
90) Benzo(a)pyrene	15.404	252	278609	43.051	ng	100
91) Dibenzo(a,h)anthracene	17.009	278	327008	48.094	ng	98
92) Benzo(g,h,i)perylene	17.456	276	334321	48.007	ng	99

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

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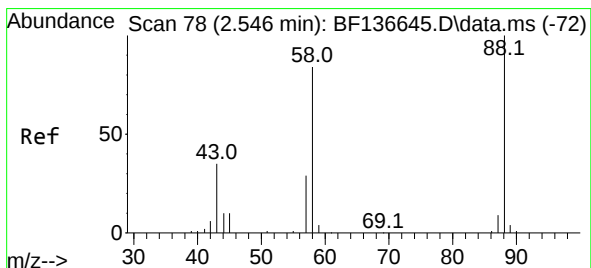
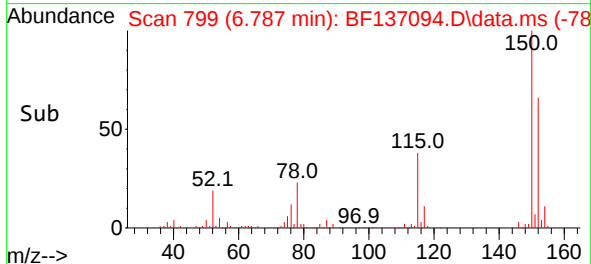
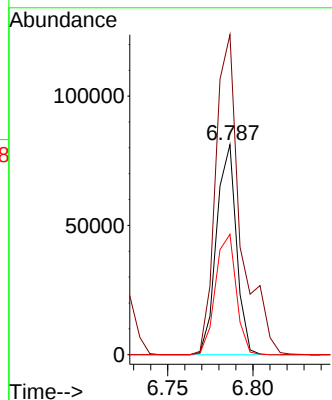
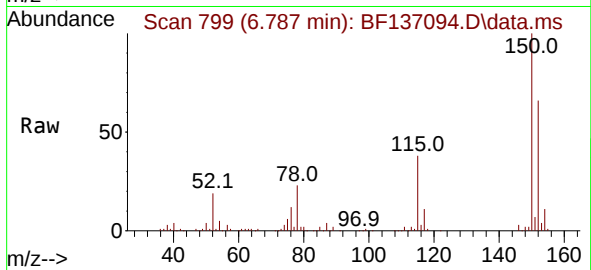




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF137094.D
 Acq: 17 Jan 2024 15:30

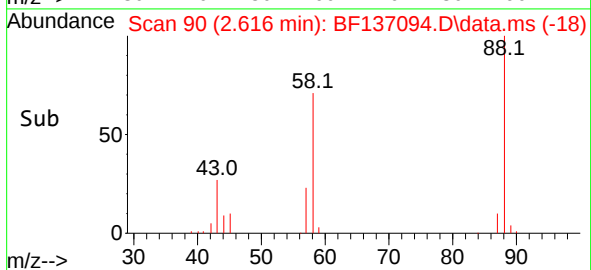
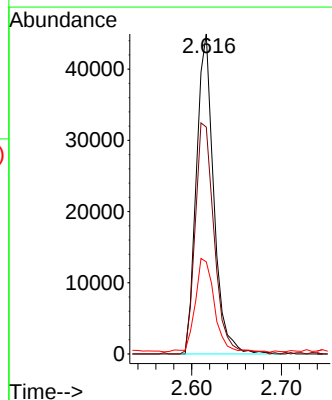
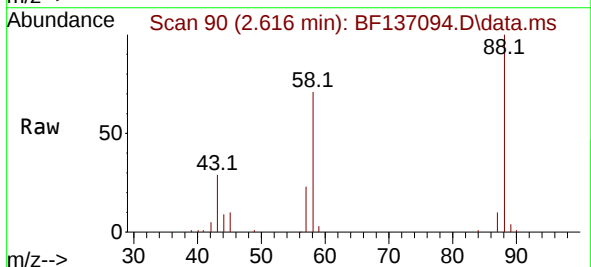
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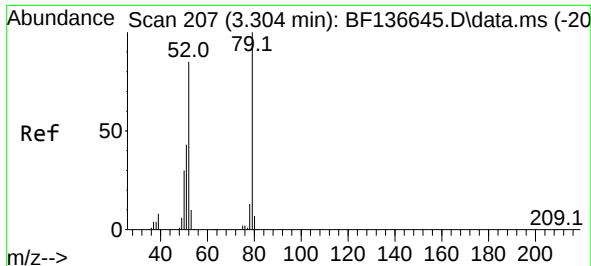
Tgt Ion:152 Resp: 66215
 Ion Ratio Lower Upper
 152 100
 150 152.3 127.0 190.6
 115 57.3 49.0 73.4



#2
 1,4-Dioxane
 Concen: 34.114 ng
 RT: 2.616 min Scan# 90
 Delta R.T. 0.071 min
 Lab File: BF137094.D
 Acq: 17 Jan 2024 15:30

Tgt Ion: 88 Resp: 60320
 Ion Ratio Lower Upper
 88 100
 58 79.0 67.4 101.0
 43 32.7 27.7 41.5

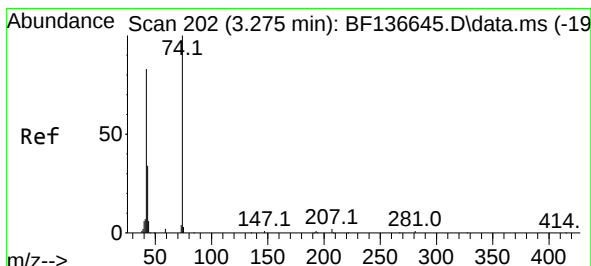
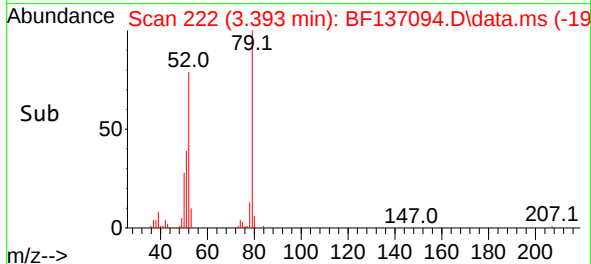
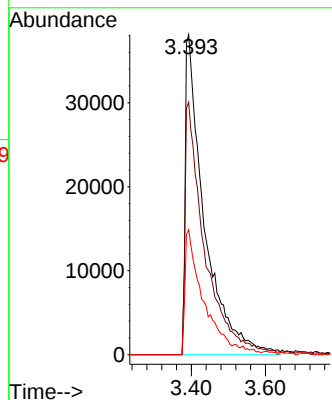
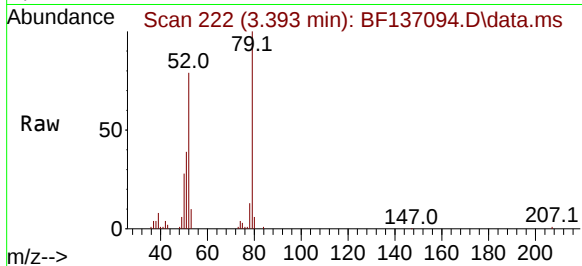




#3
Pyridine
Concen: 31.452 ng
RT: 3.393 min Scan# 215
Delta R.T. 0.088 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

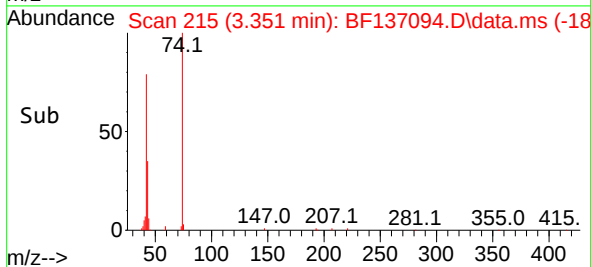
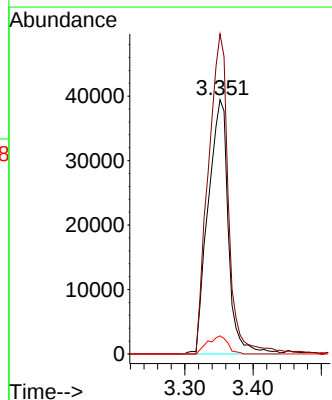
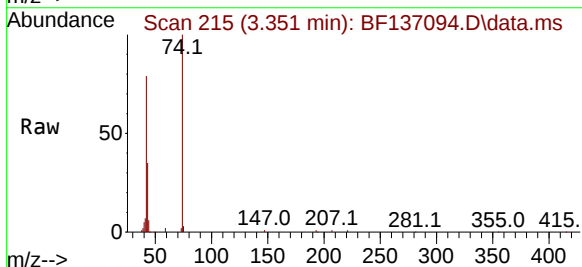
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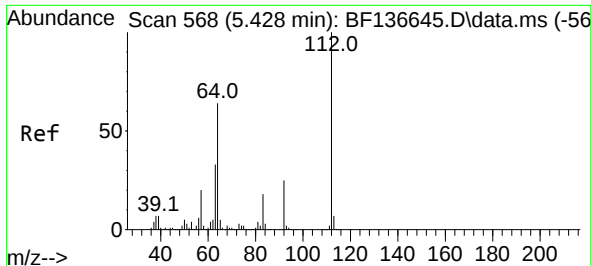
Tgt Ion: 79 Resp: 135693
Ion Ratio Lower Upper
79 100
52 78.9 67.7 101.5
51 39.1 34.0 51.0



#4
n-Nitrosodimethylamine
Concen: 35.468 ng
RT: 3.351 min Scan# 215
Delta R.T. 0.077 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

Tgt Ion: 42 Resp: 81715
Ion Ratio Lower Upper
42 100
74 125.8 96.0 144.0
44 7.1 5.4 8.2

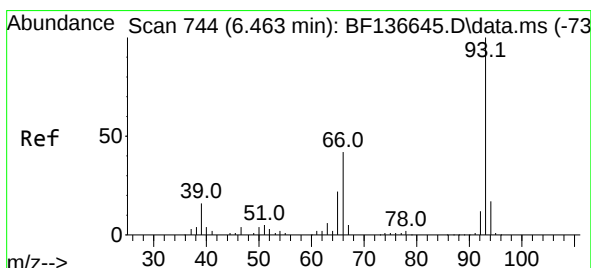
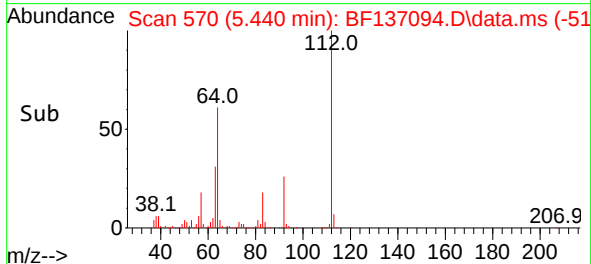
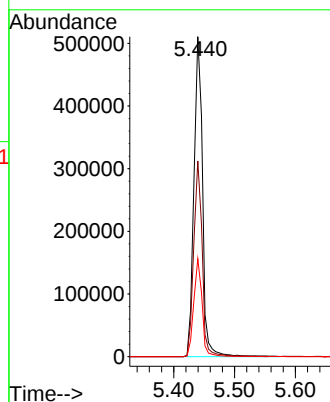
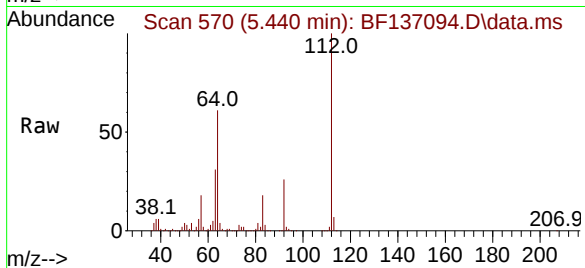




#5
2-Fluorophenol
Concen: 117.553 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

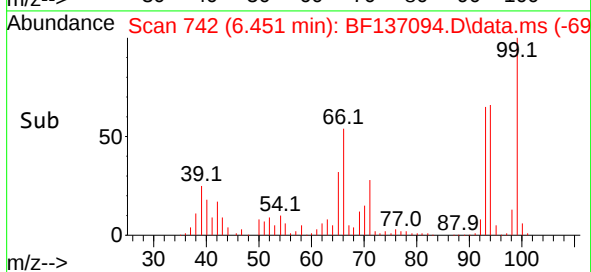
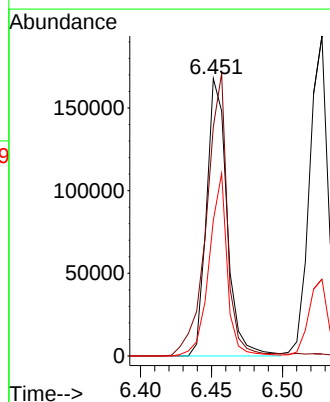
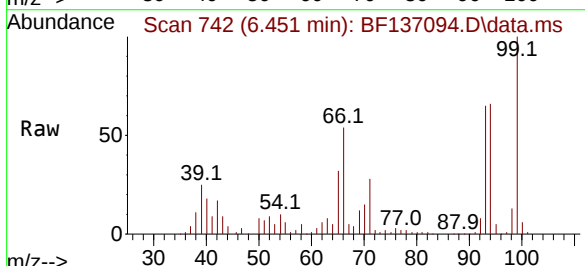
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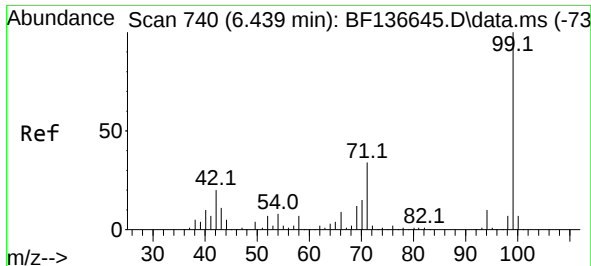
Tgt Ion:112 Resp: 498867
Ion Ratio Lower Upper
112 100
64 61.2 51.1 76.7
63 30.6 26.1 39.1



#6
Aniline
Concen: 30.639 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

Tgt Ion: 93 Resp: 168446
Ion Ratio Lower Upper
93 100
66 82.6 34.6 51.8#
65 48.9 17.8 26.8#

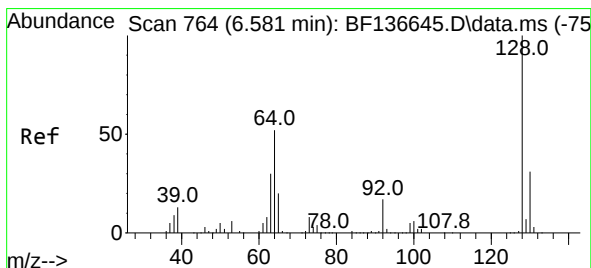
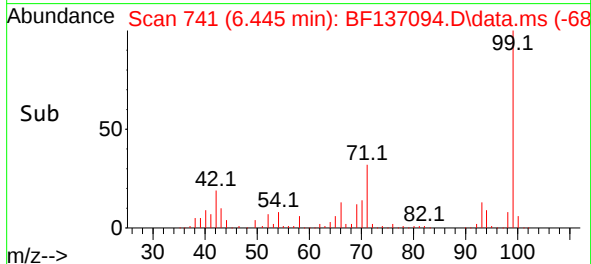
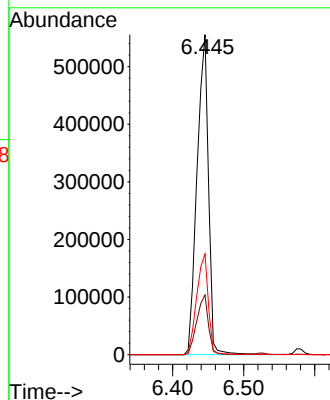
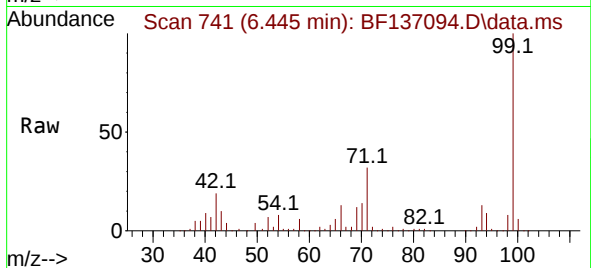




#7
Phenol-d6
Concen: 113.257 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

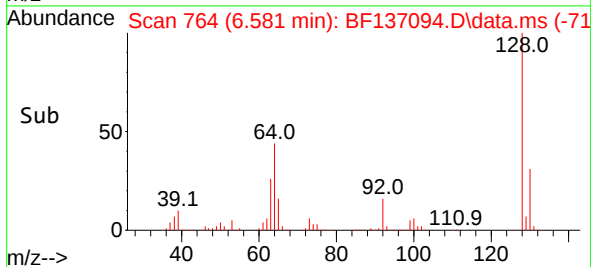
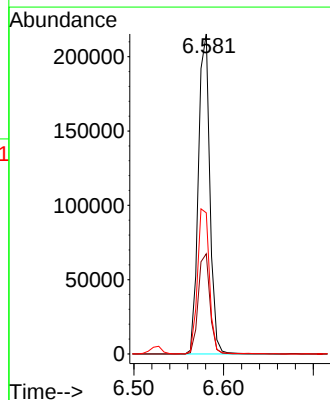
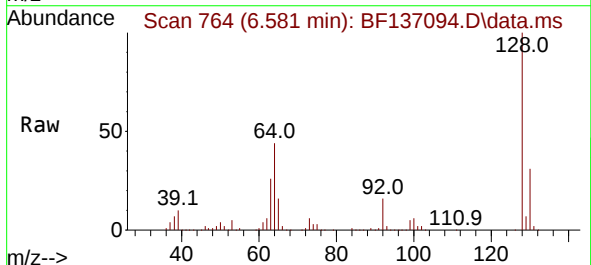
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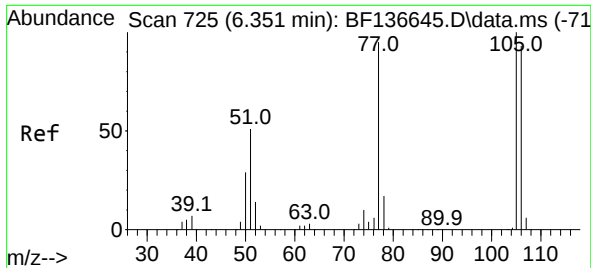
Tgt Ion: 99 Resp: 622788
Ion Ratio Lower Upper
99 100
42 18.7 16.1 24.1
71 31.5 27.4 41.2



#8
2-Chlorophenol
Concen: 41.252 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

Tgt Ion: 128 Resp: 191578
Ion Ratio Lower Upper
128 100
130 31.3 11.3 51.3
64 44.1 32.5 72.5





#9

Benzaldehyde

Concen: 14.962 ng

RT: 6.340 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF137094.D

Acq: 17 Jan 2024 15:30

Instrument :

BNA_F

ClientSampleId :

PB158472BS

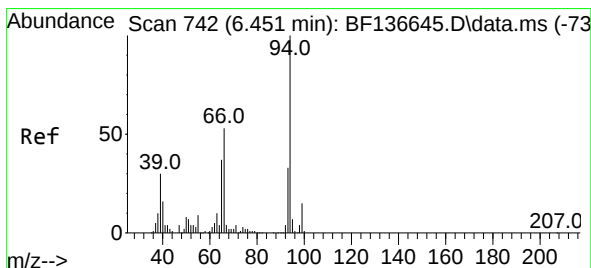
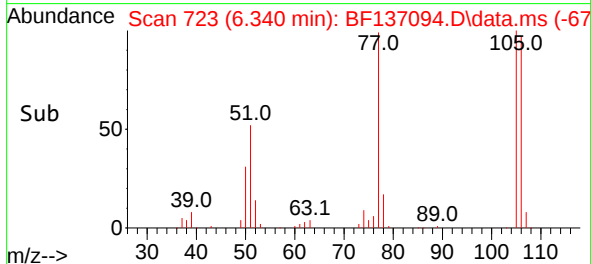
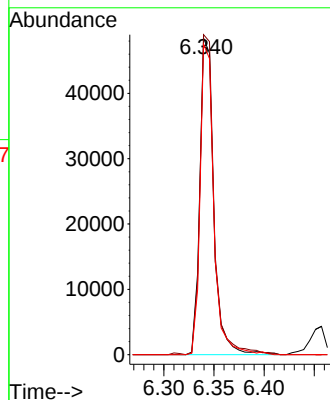
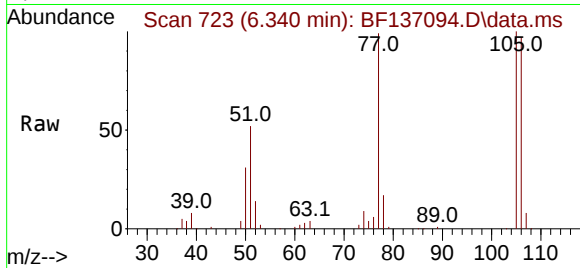
Tgt Ion: 77 Resp: 46797

Ion Ratio Lower Upper

77 100

105 101.0 84.8 124.8

106 98.0 77.8 117.8



#10

Phenol

Concen: 39.239 ng

RT: 6.457 min Scan# 743

Delta R.T. 0.006 min

Lab File: BF137094.D

Acq: 17 Jan 2024 15:30

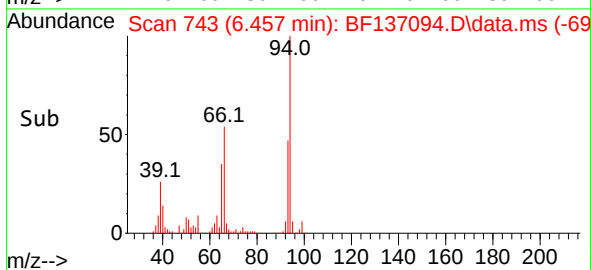
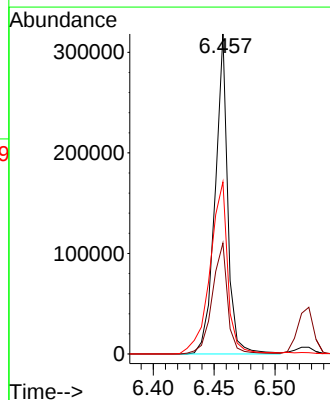
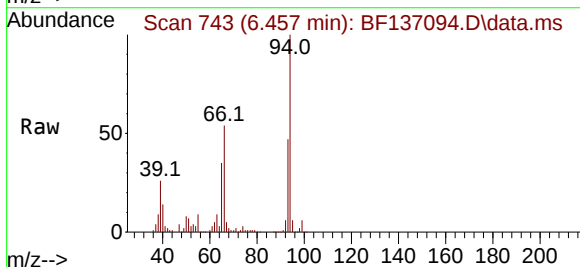
Tgt Ion: 94 Resp: 230336

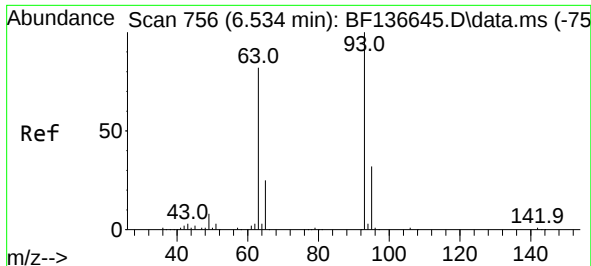
Ion Ratio Lower Upper

94 100

65 34.7 16.6 56.6

66 53.7 32.6 72.6





#11

bis(2-Chloroethyl)ether

Concen: 39.063 ng

RT: 6.528 min Scan# 755

Delta R.T. -0.006 min

Lab File: BF137094.D

Acq: 17 Jan 2024 15:30

Instrument :

BNA_F

ClientSampleId :

PB158472BS

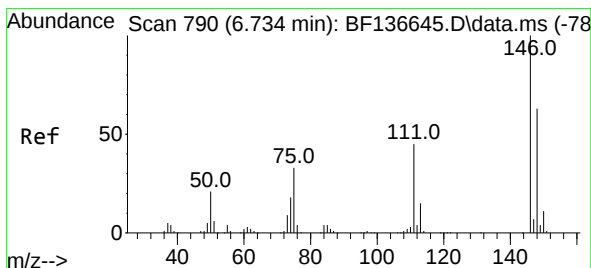
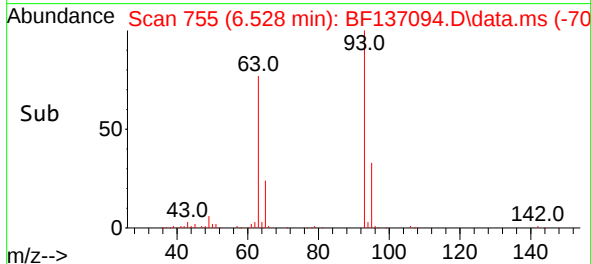
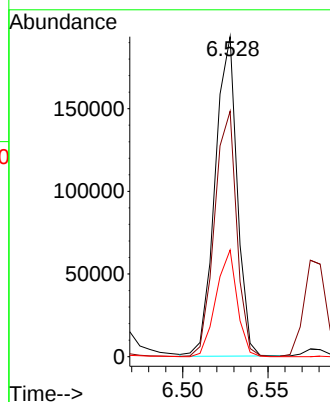
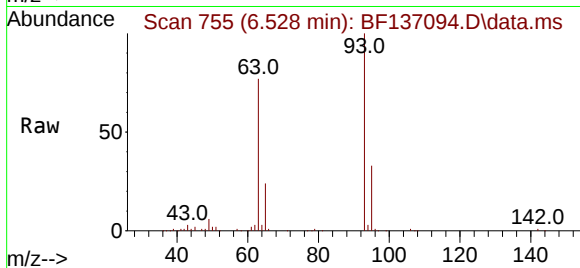
Tgt Ion: 93 Resp: 174384

Ion Ratio Lower Upper

93 100

63 76.7 61.2 101.2

95 33.3 11.6 51.6



#12

1,3-Dichlorobenzene

Concen: 37.076 ng

RT: 6.728 min Scan# 789

Delta R.T. -0.006 min

Lab File: BF137094.D

Acq: 17 Jan 2024 15:30

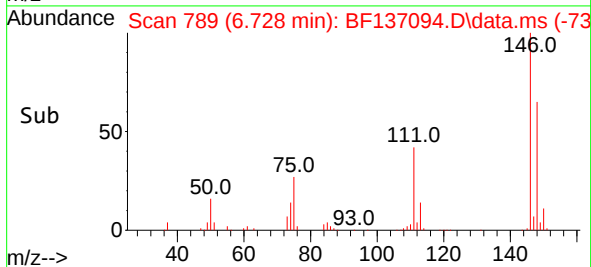
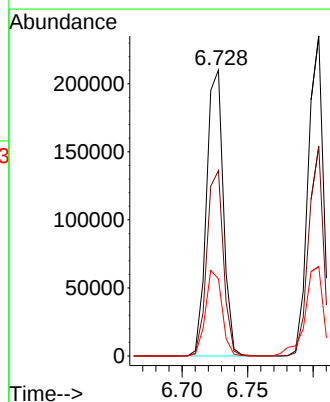
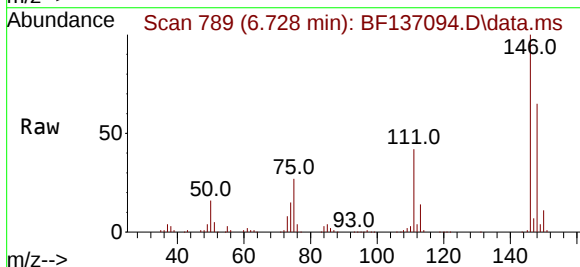
Tgt Ion: 146 Resp: 187837

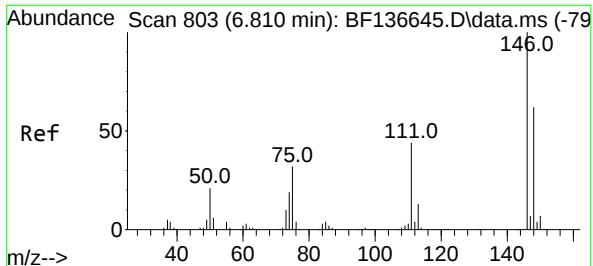
Ion Ratio Lower Upper

146 100

148 64.9 50.5 75.7

75 27.0 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 36.737 ng

RT: 6.804 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF137094.D

Acq: 17 Jan 2024 15:30

Instrument :

BNA_F

ClientSampleId :

PB158472BS

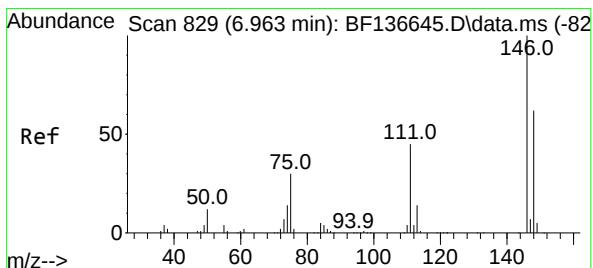
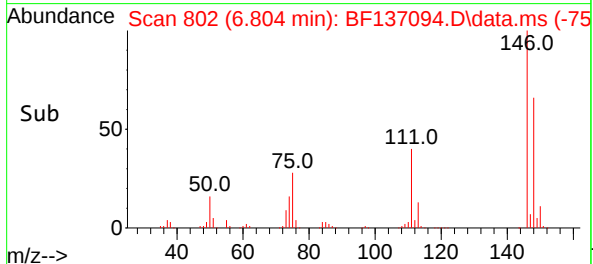
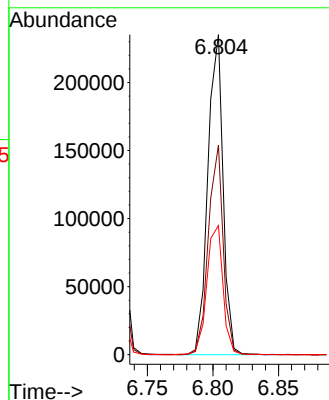
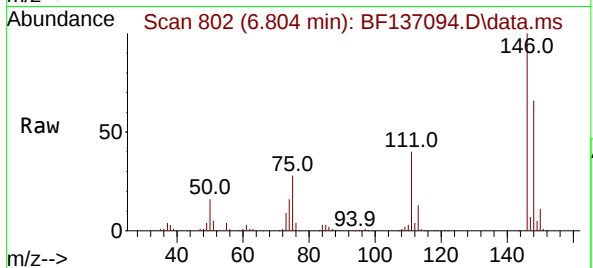
Tgt Ion:146 Resp: 190172

Ion Ratio Lower Upper

146 100

148 65.5 49.2 73.8

111 40.3 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 37.650 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF137094.D

Acq: 17 Jan 2024 15:30

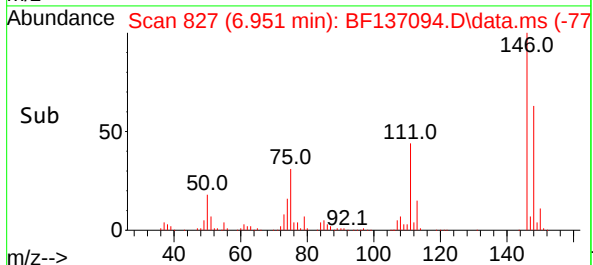
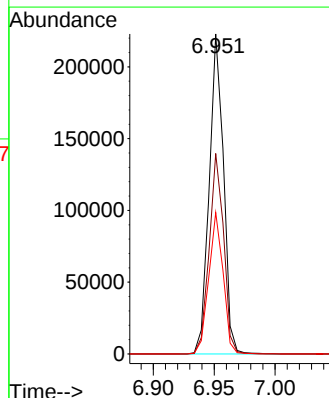
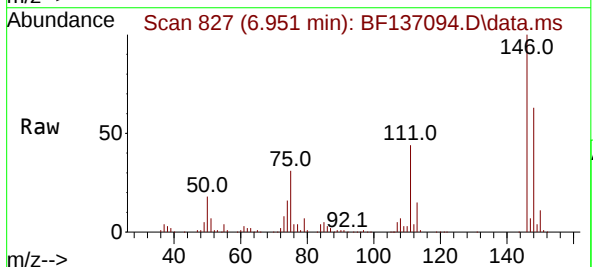
Tgt Ion:146 Resp: 181356

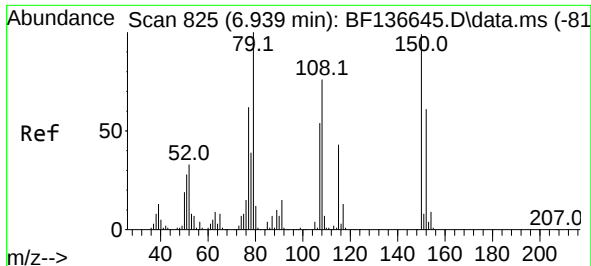
Ion Ratio Lower Upper

146 100

148 62.7 49.6 74.4

111 44.2 36.2 54.2

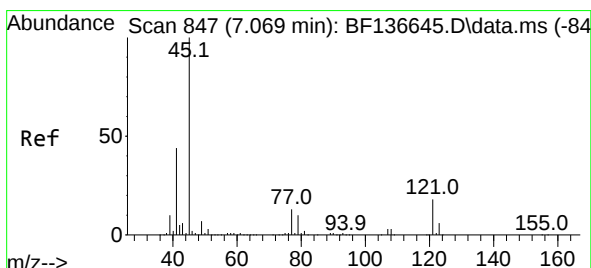
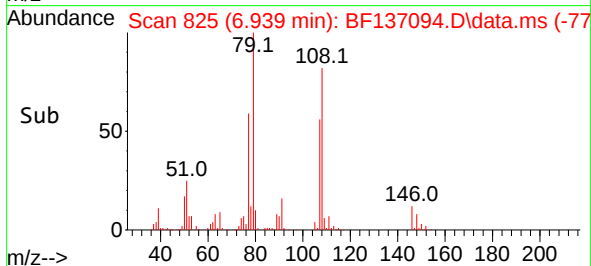
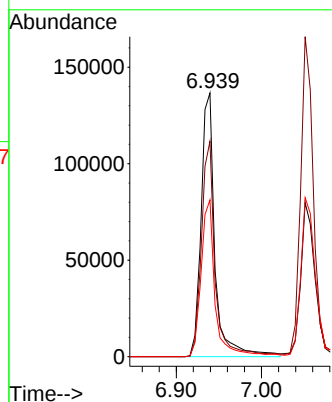
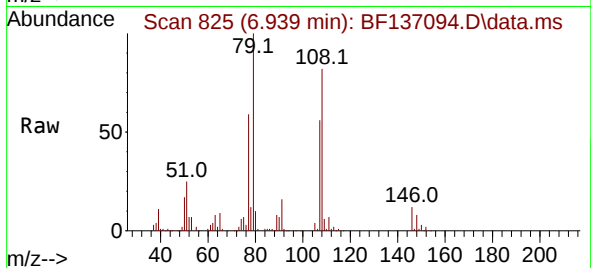




#15
Benzyl Alcohol
Concen: 41.690 ng
RT: 6.939 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

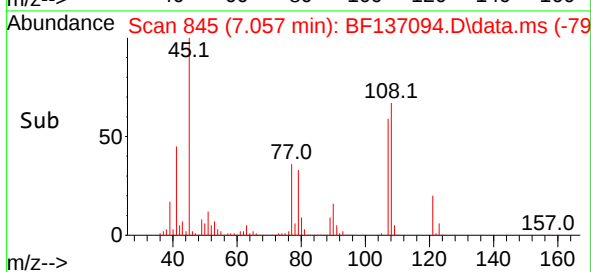
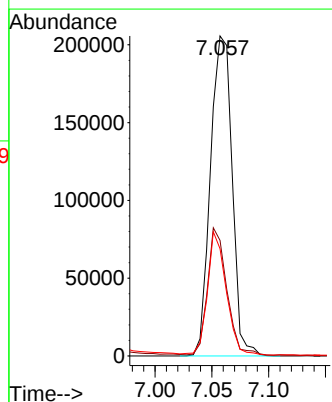
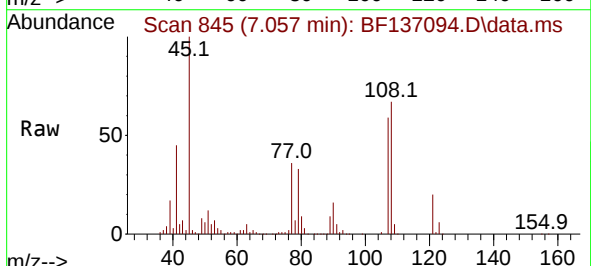
Instrument :
BNA_F
ClientSampleId :
PB158472BS

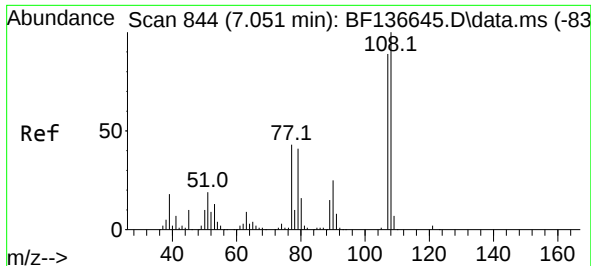
Tgt Ion: 79 Resp: 154661
Ion Ratio Lower Upper
79 100
108 81.7 61.0 91.6
77 59.5 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.406 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

Tgt Ion: 45 Resp: 273012
Ion Ratio Lower Upper
45 100
77 36.1 0.0 34.3#
79 33.5 0.0 31.4#



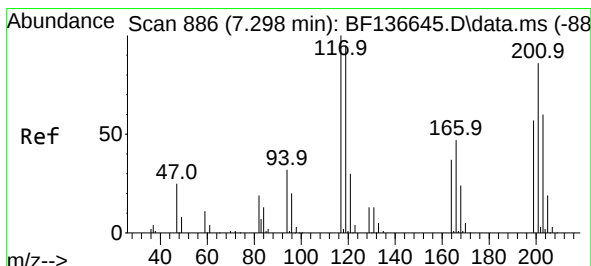
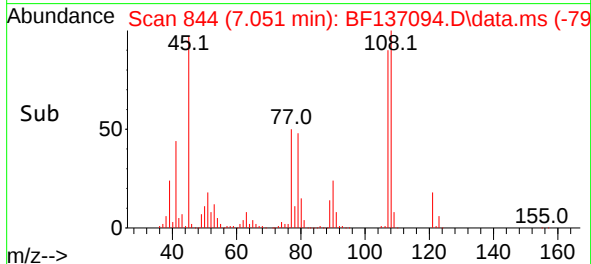
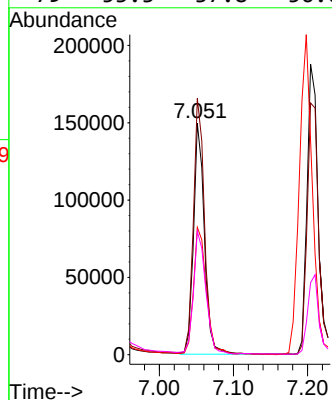
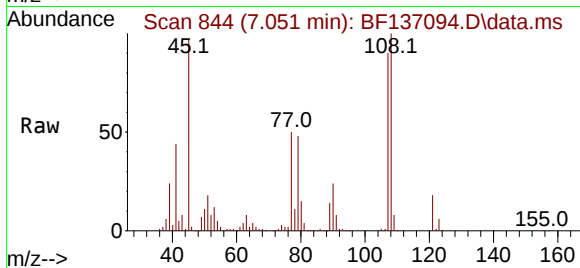


#17
2-Methylphenol
Concen: 39.623 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

Instrument :
BNA_F
ClientSampleId :
PB158472BS

Tgt Ion:107 Resp: 152443

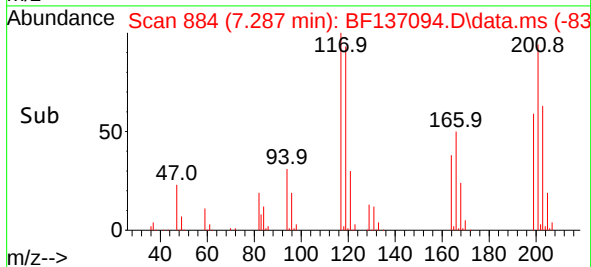
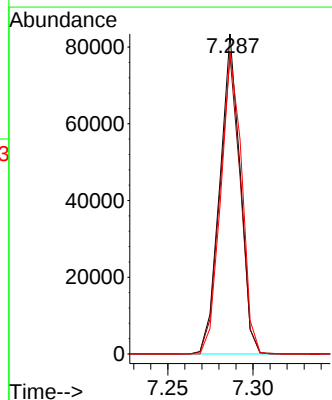
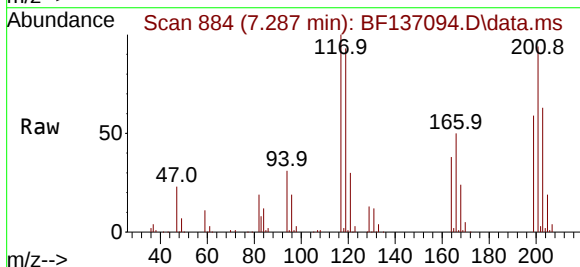
Ion	Ratio	Lower	Upper
107	100		
108	110.8	90.3	135.5
77	55.1	38.7	58.1
79	53.3	37.8	56.6

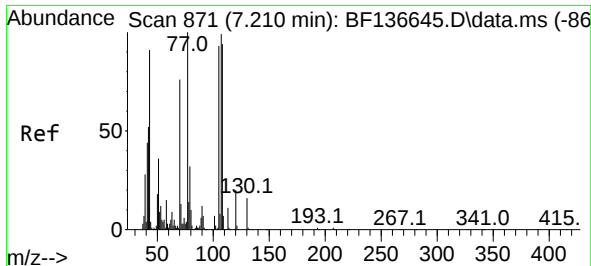


#18
Hexachloroethane
Concen: 36.586 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

Tgt Ion:117 Resp: 68781

Ion	Ratio	Lower	Upper
117	100		
119	93.4	75.8	113.6
201	94.1	69.1	103.7

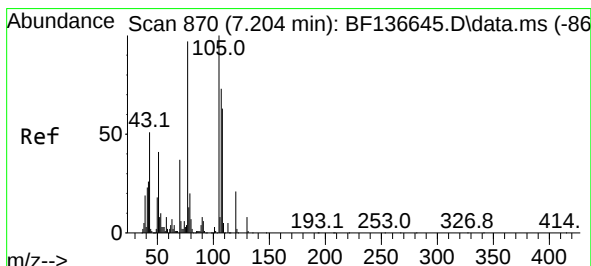
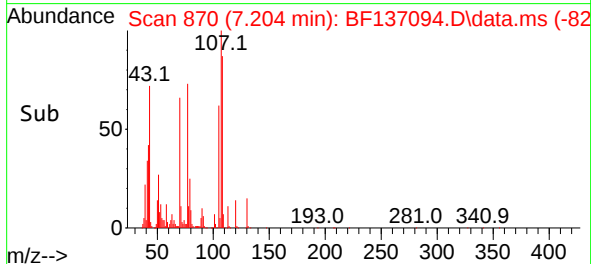
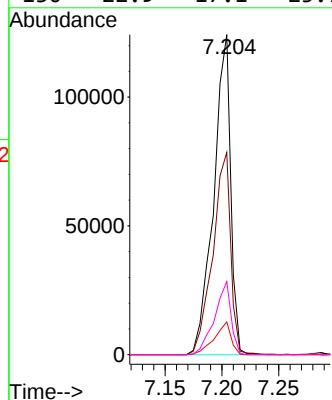
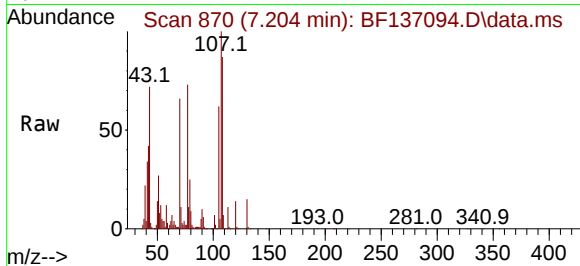




#19
n-Nitroso-di-n-propylamine
Concen: 38.846 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

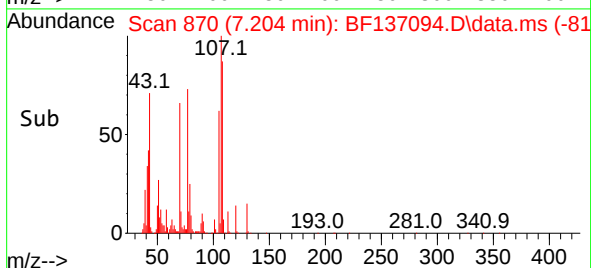
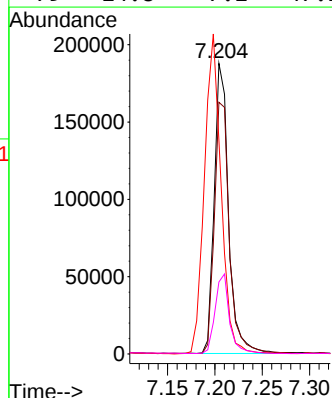
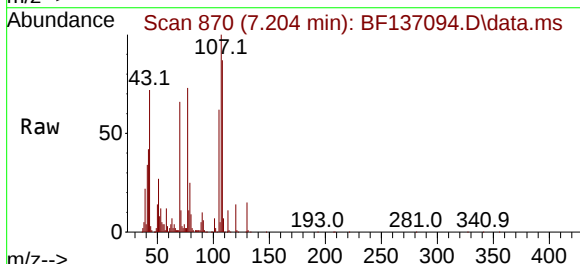
Instrument :
BNA_F
ClientSampleId :
PB158472BS

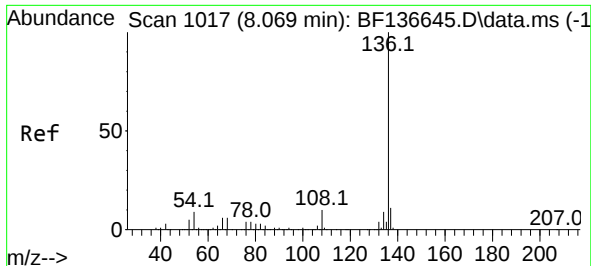
Tgt Ion: 70 Resp: 129491
Ion Ratio Lower Upper
70 100
42 63.2 54.2 81.4
101 10.2 7.6 11.4
130 22.9 17.1 25.7



#20
3+4-Methylphenols
Concen: 41.166 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

Tgt Ion: 107 Resp: 197865
Ion Ratio Lower Upper
107 100
108 86.6 66.0 106.0
77 73.4 114.2 154.2#
79 24.8 7.2 47.2

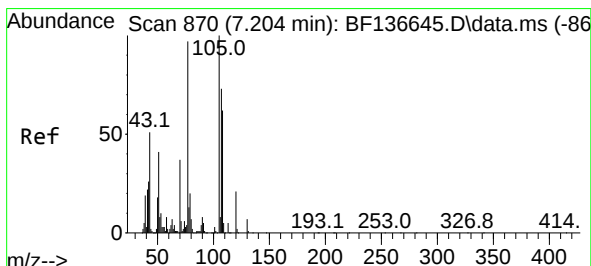
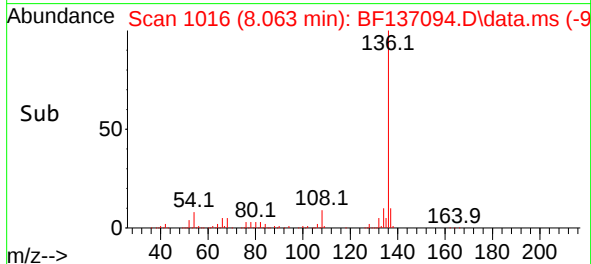
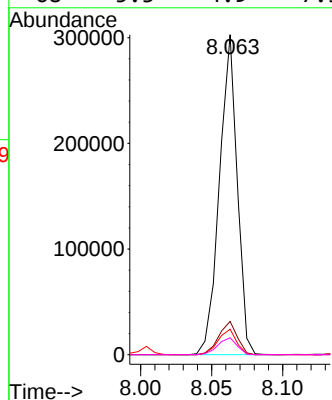
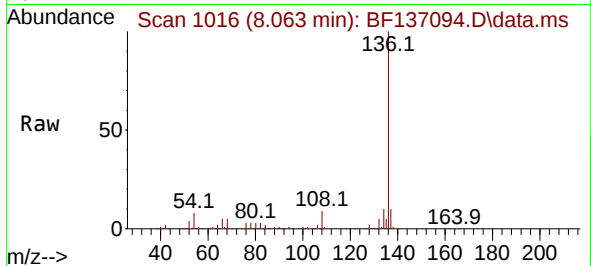




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

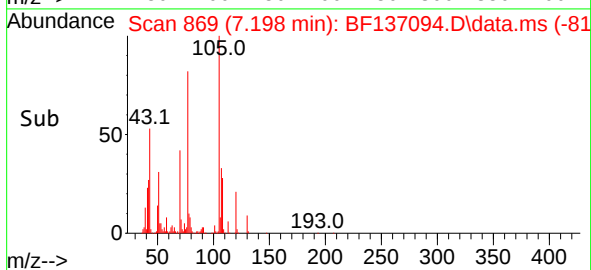
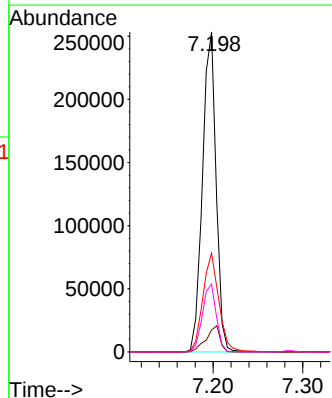
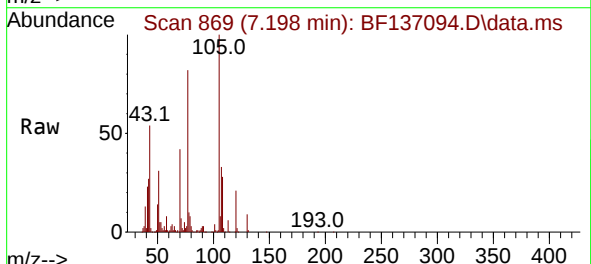
Instrument :
BNA_F
ClientSampleId :
PB158472BS

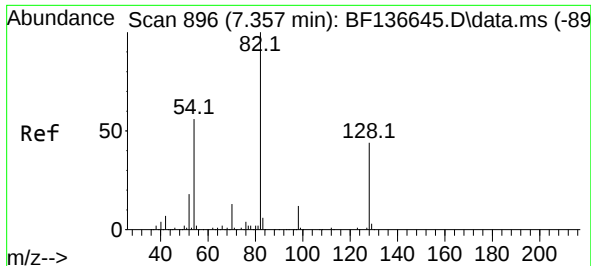
Tgt Ion:136	Resp: 263286
Ion Ratio	Lower Upper
136 100	
137 10.4	9.0 13.4
54 8.0	7.2 10.8
68 5.3	4.9 7.3



#22
Acetophenone
Concen: 40.430 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

Tgt	Ion:105	Resp:	266809
Ion	Ratio	Lower	Upper
105	100		
71	6.8	4.8	7.2
51	30.9	32.8	49.2#
120	21.2	17.0	25.6





#23

Nitrobenzene-d5

Concen: 73.227 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF137094.D

Acq: 17 Jan 2024 15:30

Instrument :

BNA_F

ClientSampleId :

PB158472BS

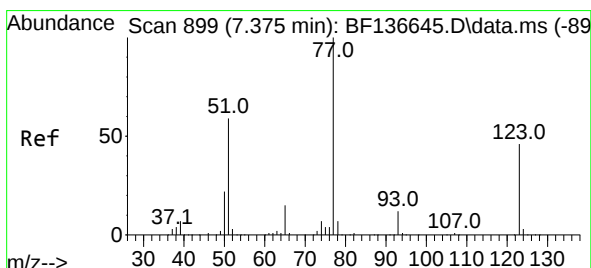
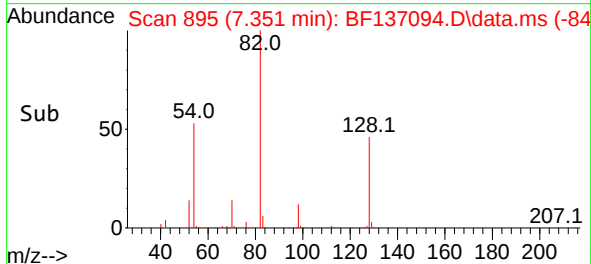
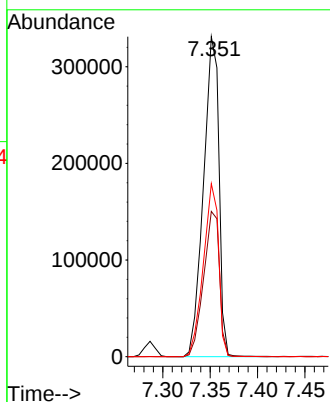
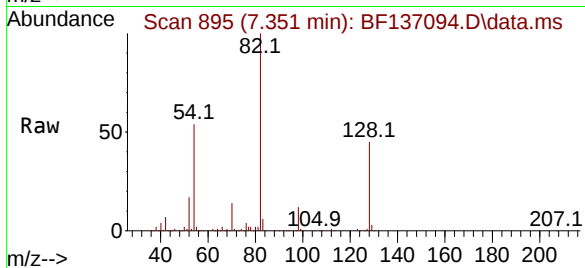
Tgt Ion: 82 Resp: 376769

Ion Ratio Lower Upper

82 100

128 45.4 35.3 52.9

54 54.1 44.5 66.7



#24

Nitrobenzene

Concen: 36.789 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF137094.D

Acq: 17 Jan 2024 15:30

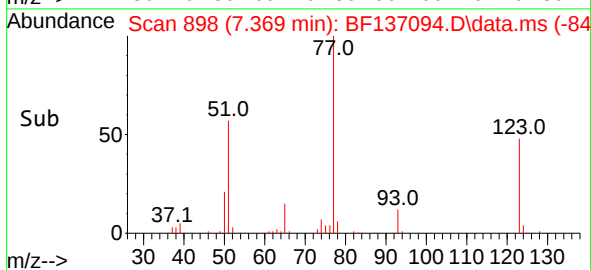
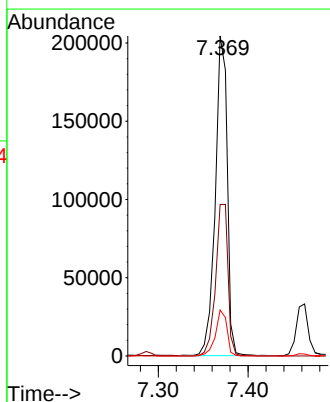
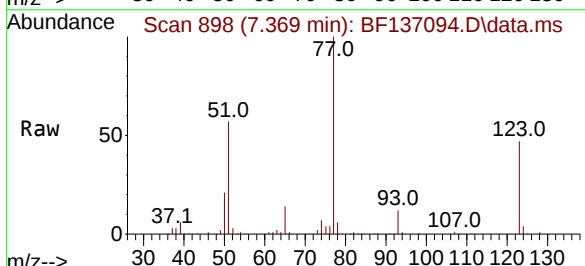
Tgt Ion: 77 Resp: 189616

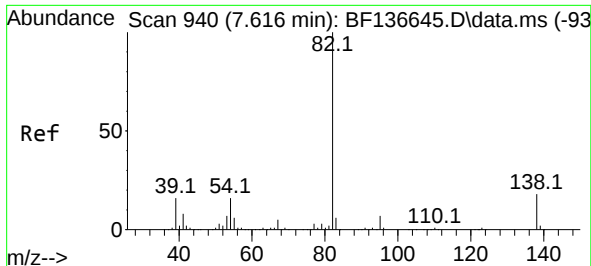
Ion Ratio Lower Upper

77 100

123 47.3 36.7 55.1

65 14.4 11.8 17.6

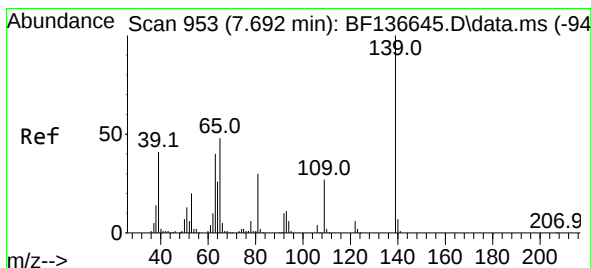
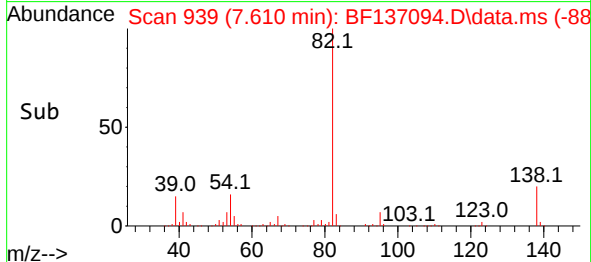
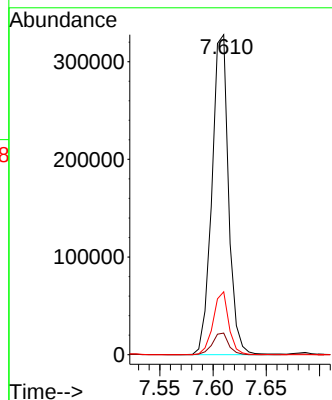
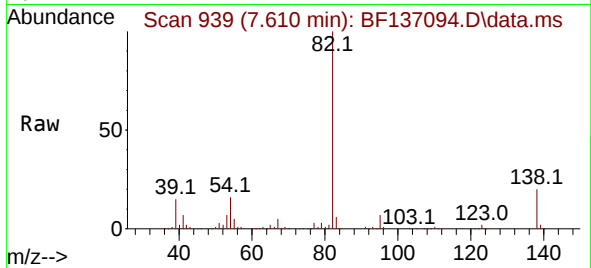




#25
Isophorone
Concen: 38.005 ng
RT: 7.610 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

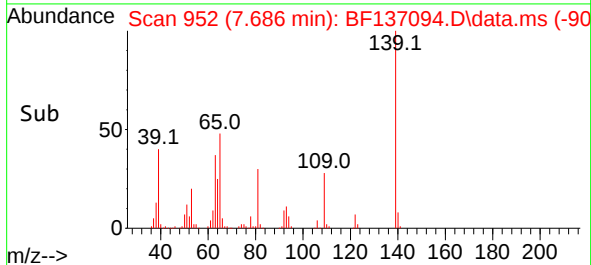
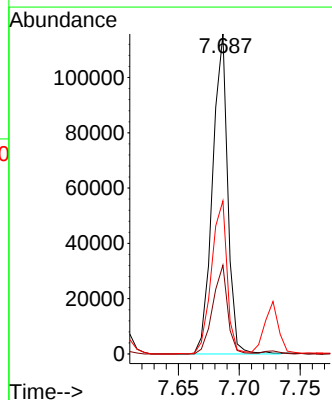
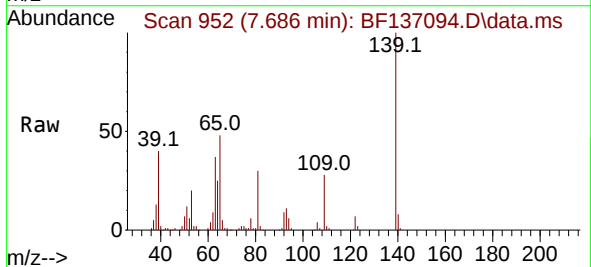
Instrument :
BNA_F
ClientSampleId :
PB158472BS

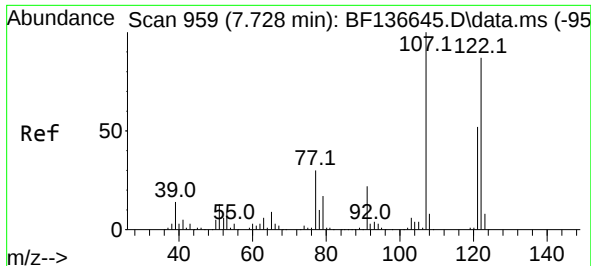
Tgt Ion: 82 Resp: 355811
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 19.6 14.5 21.7



#26
2-Nitrophenol
Concen: 40.671 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

Tgt Ion:139 Resp: 100294
Ion Ratio Lower Upper
139 100
109 27.8 21.9 32.9
65 47.9 38.6 58.0

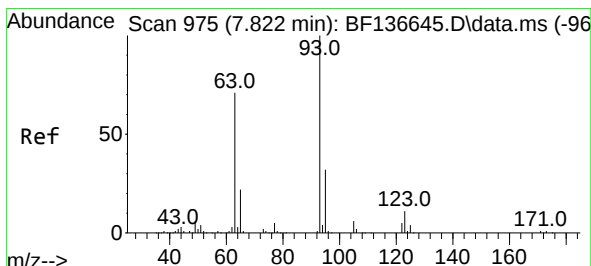
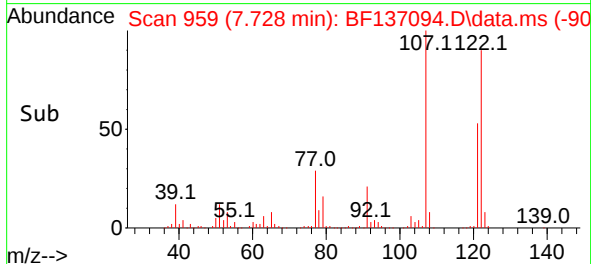
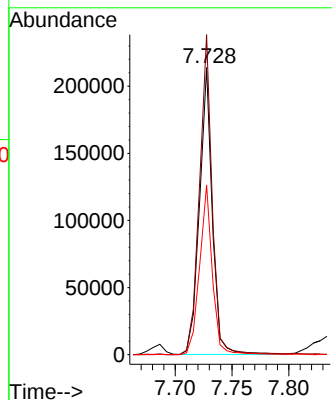
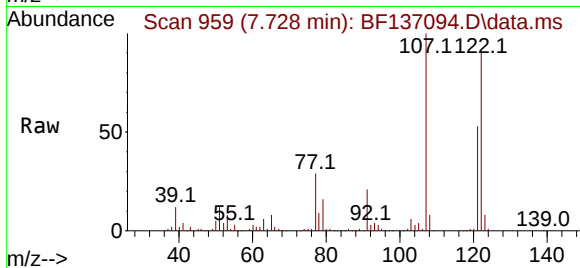




#27
2,4-Dimethylphenol
Concen: 55.825 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

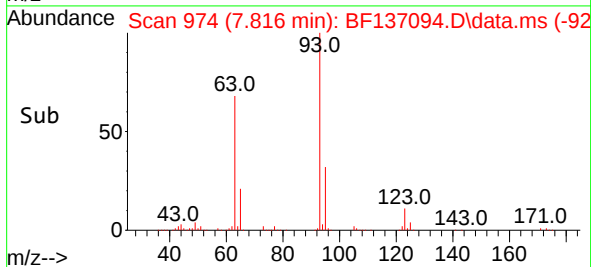
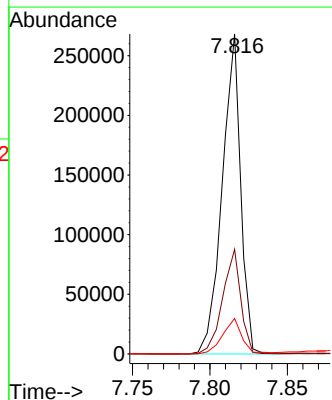
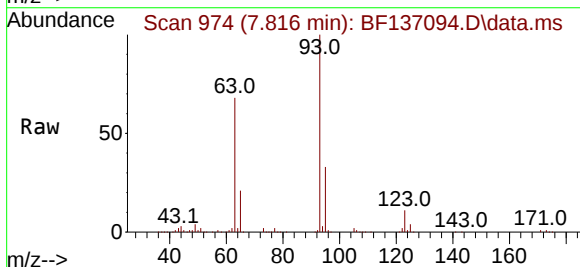
Instrument :
BNA_F
ClientSampleId :
PB158472BS

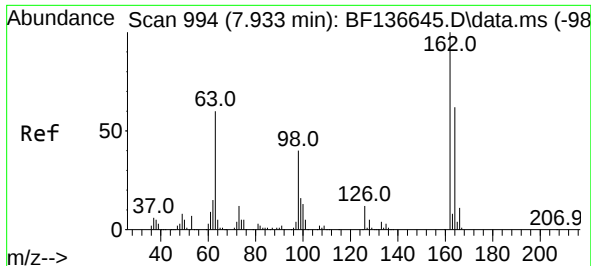
Tgt Ion:122 Resp: 167595
Ion Ratio Lower Upper
122 100
107 111.5 92.0 138.0
121 59.1 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 38.985 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

Tgt Ion: 93 Resp: 221858
Ion Ratio Lower Upper
93 100
95 32.7 25.5 38.3
123 11.1 9.2 13.8

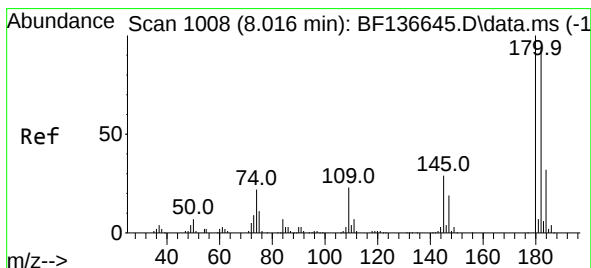
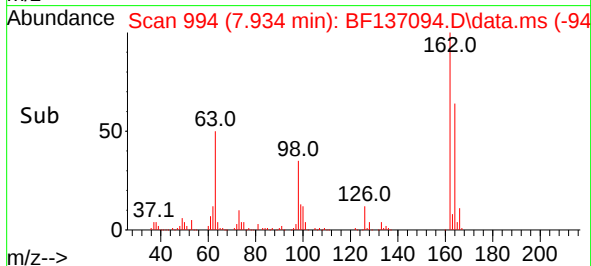
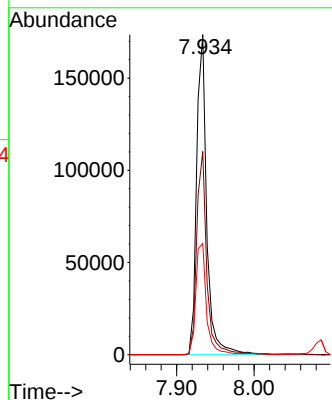
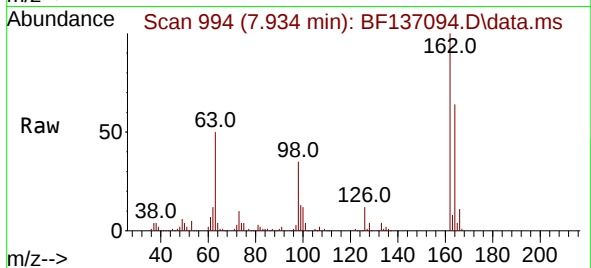




#29
2,4-Dichlorophenol
Concen: 40.806 ng
RT: 7.934 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

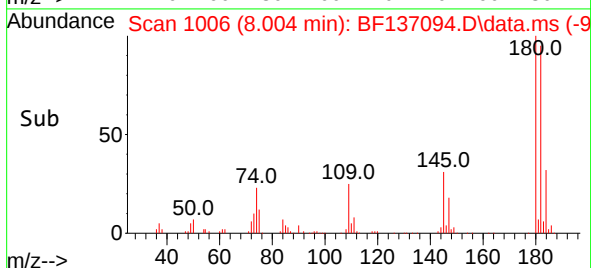
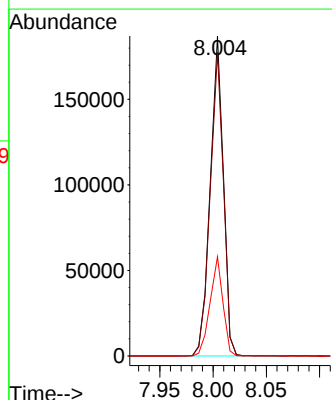
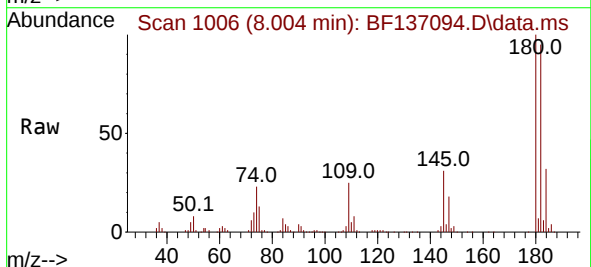
Instrument :
BNA_F
ClientSampleId :
PB158472BS

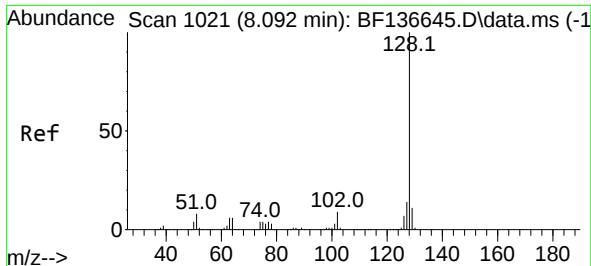
Tgt Ion:162 Resp: 157717
Ion Ratio Lower Upper
162 100
164 63.5 41.7 81.7
98 34.8 19.5 59.5



#30
1,2,4-Trichlorobenzene
Concen: 37.481 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

Tgt Ion:180 Resp: 161409
Ion Ratio Lower Upper
180 100
182 94.8 75.4 113.0
145 31.0 23.1 34.7

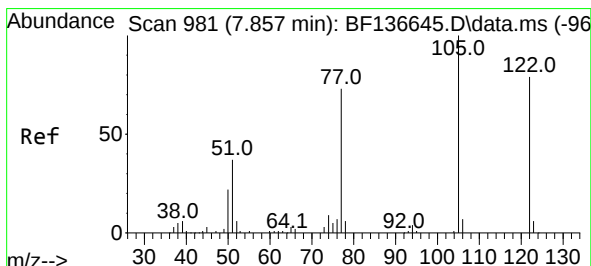
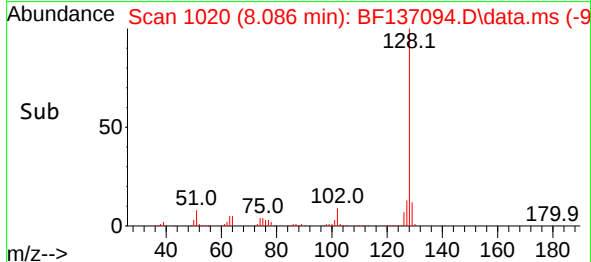
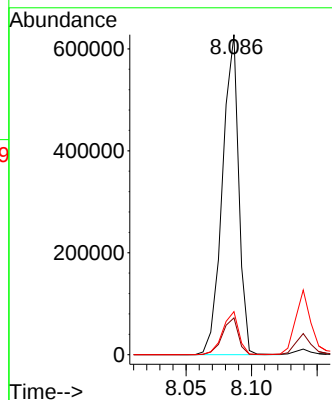
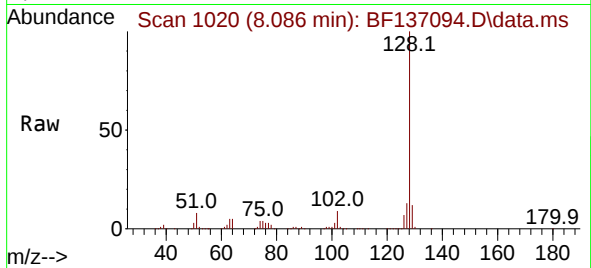




#31
Naphthalene
Concen: 37.570 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

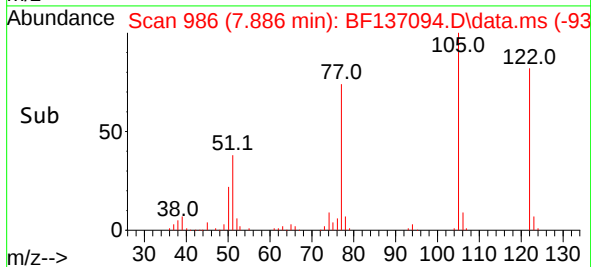
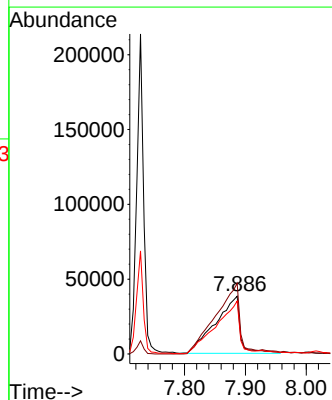
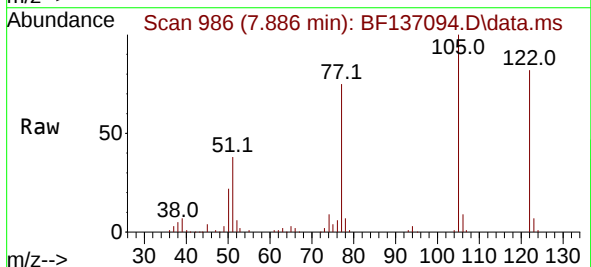
Instrument :
BNA_F
ClientSampleId :
PB158472BS

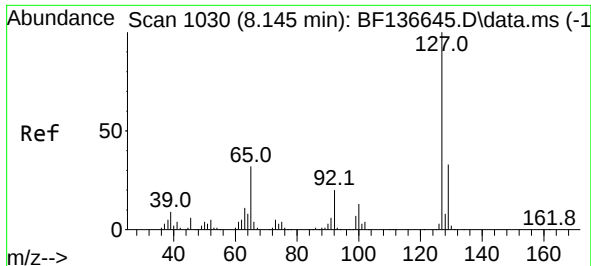
Tgt Ion:128 Resp: 543426
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 37.340 ng
RT: 7.886 min Scan# 986
Delta R.T. 0.030 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

Tgt Ion:122 Resp: 108466
Ion Ratio Lower Upper
122 100
105 122.4 100.8 140.8
77 91.5 70.9 110.9

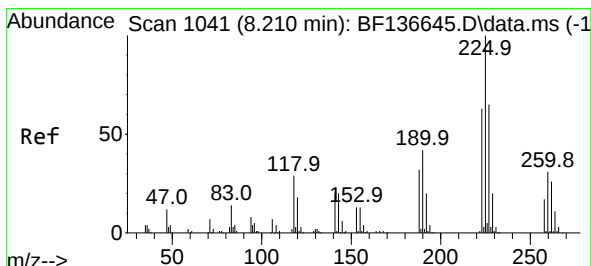
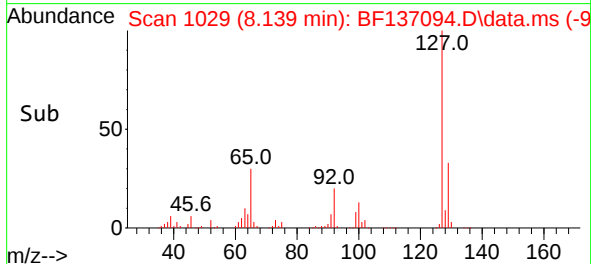
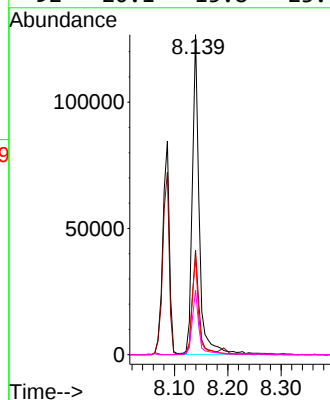
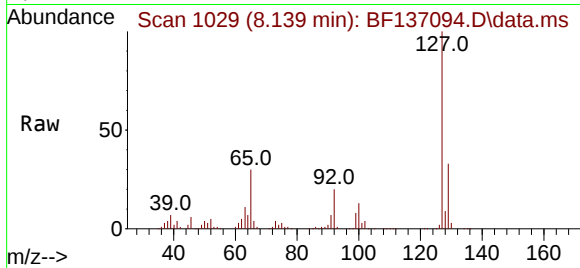




#33
4-Chloroaniline
Concen: 21.643 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

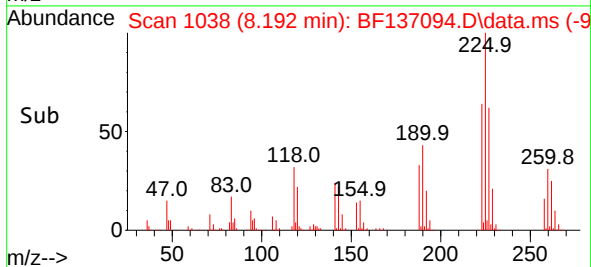
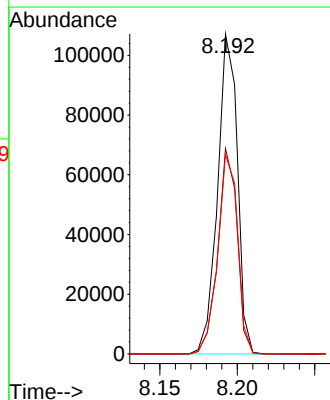
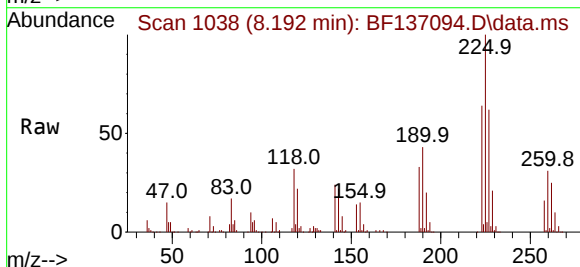
Instrument :
BNA_F
ClientSampleId :
PB158472BS

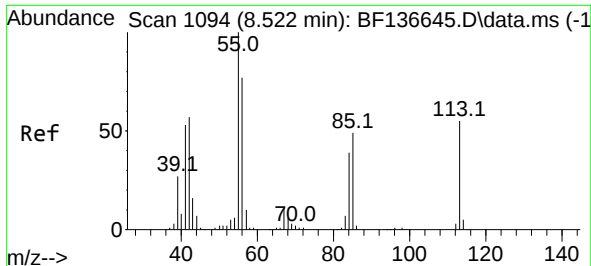
Tgt Ion:	127	Resp:	115586
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.3	39.5
65	30.4	25.8	38.8
92	20.1	15.8	23.6



#34
Hexachlorobutadiene
Concen: 36.346 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.018 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

Tgt Ion:	225	Resp:	95095
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.6	76.0
227	62.3	51.9	77.9





#35

Caprolactam

Concen: 10.981 ng

RT: 8.557 min Scan# 1100

Delta R.T. 0.035 min

Lab File: BF137094.D

Acq: 17 Jan 2024 15:30

Instrument :

BNA_F

ClientSampleId :

PB158472BS

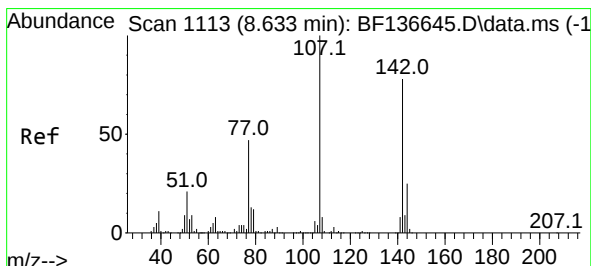
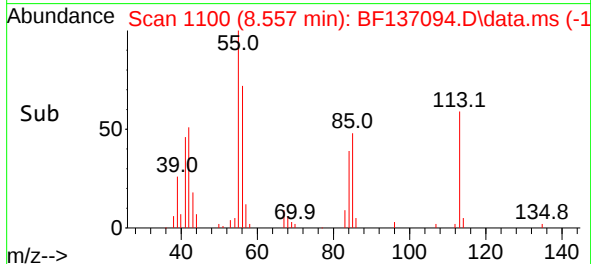
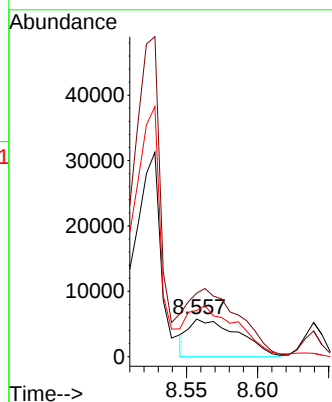
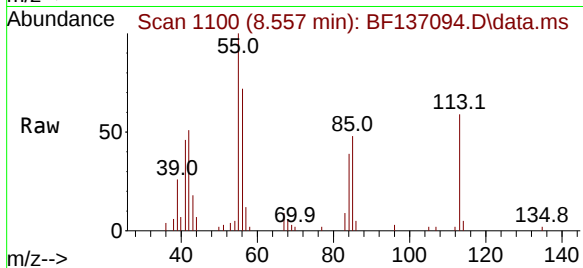
Tgt Ion:113 Resp: 14001

Ion Ratio Lower Upper

113 100

55 168.9 163.1 203.1

56 122.4 121.7 161.7



#36

4-Chloro-3-methylphenol

Concen: 39.419 ng

RT: 8.639 min Scan# 1114

Delta R.T. 0.006 min

Lab File: BF137094.D

Acq: 17 Jan 2024 15:30

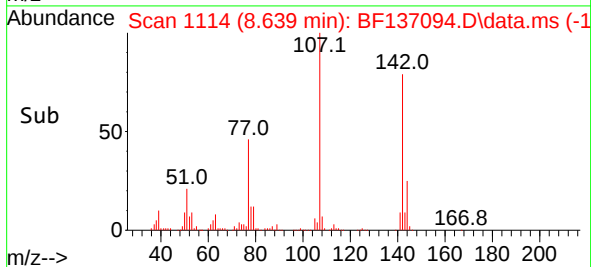
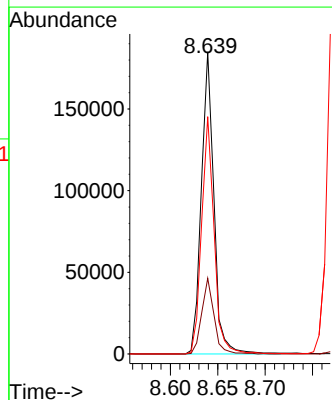
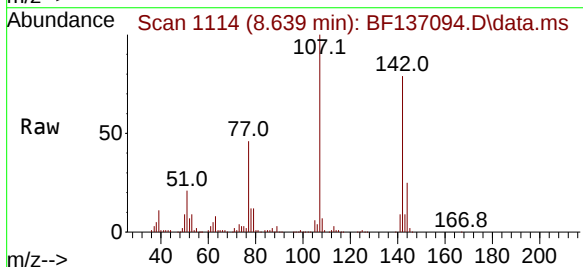
Tgt Ion:107 Resp: 171521

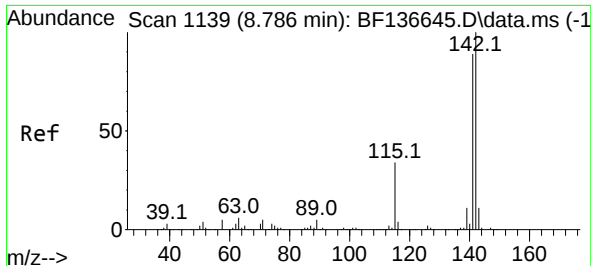
Ion Ratio Lower Upper

107 100

144 25.0 20.2 30.2

142 78.6 62.3 93.5





#37

2-Methylnaphthalene

Concen: 37.825 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF137094.D

Acq: 17 Jan 2024 15:30

Instrument :

BNA_F

ClientSampleId :

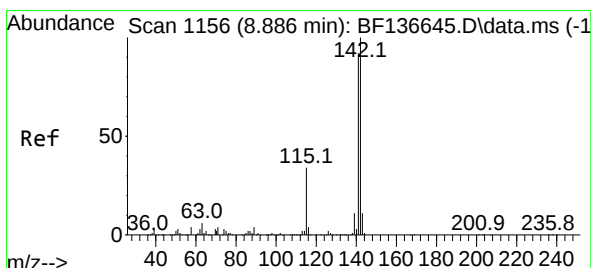
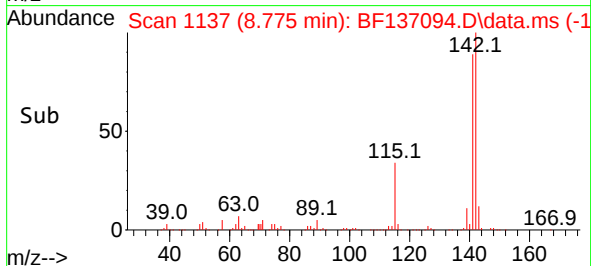
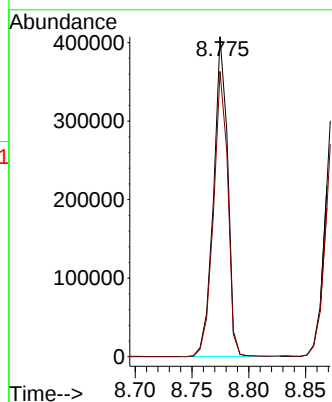
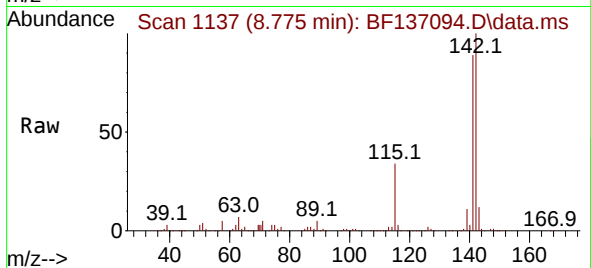
PB158472BS

Tgt Ion:142 Resp: 352100

Ion Ratio Lower Upper

142 100

141 89.1 71.1 106.7



#38

1-Methylnaphthalene

Concen: 36.164 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF137094.D

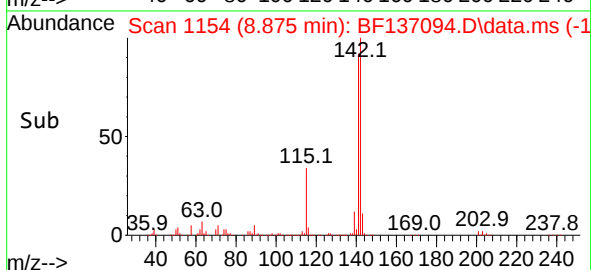
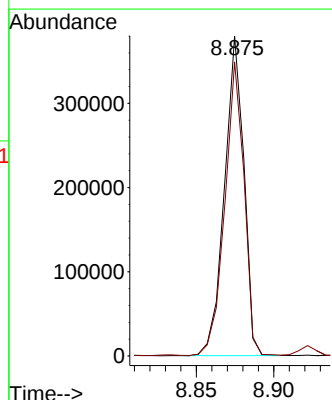
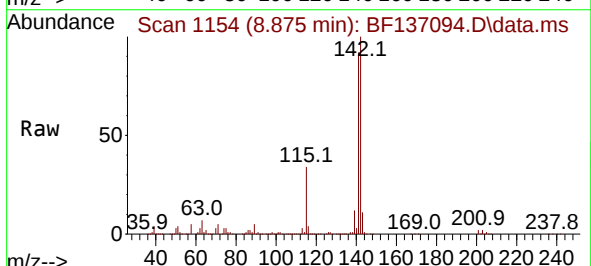
Acq: 17 Jan 2024 15:30

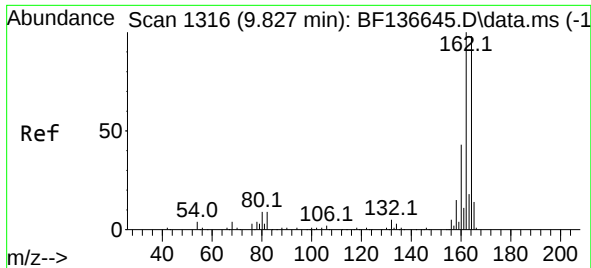
Tgt Ion:142 Resp: 330271

Ion Ratio Lower Upper

142 100

141 91.9 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: BF137094.D

Acq: 17 Jan 2024 15:30

Instrument :

BNA_F

ClientSampleId :

PB158472BS

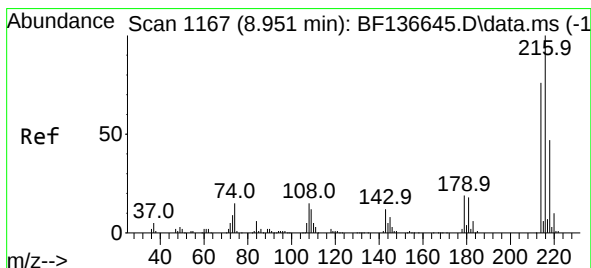
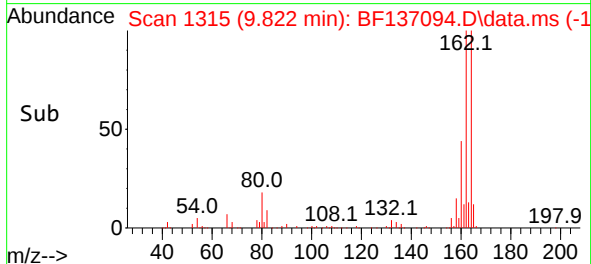
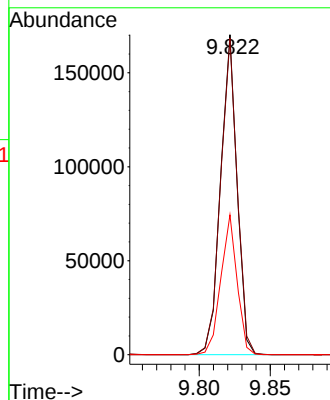
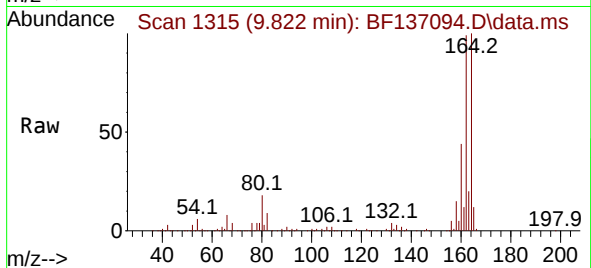
Tgt Ion:164 Resp: 136500

Ion Ratio Lower Upper

164 100

162 98.9 81.6 122.4

160 43.7 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.775 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF137094.D

Acq: 17 Jan 2024 15:30

Tgt Ion:216 Resp: 168143

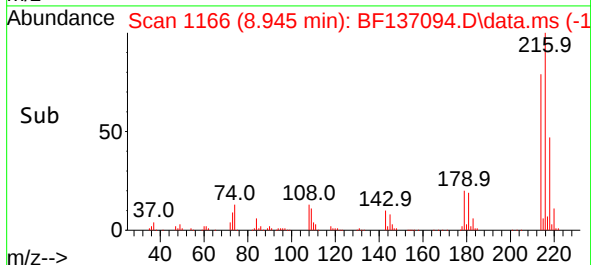
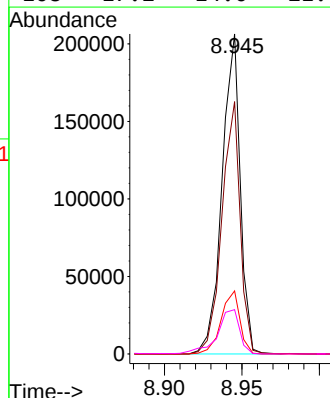
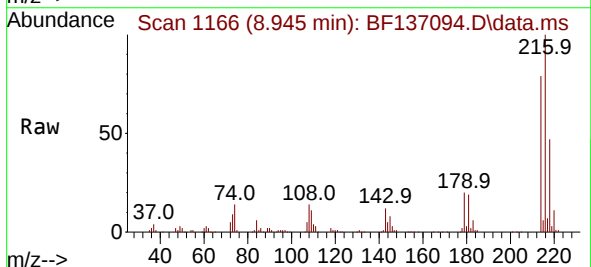
Ion Ratio Lower Upper

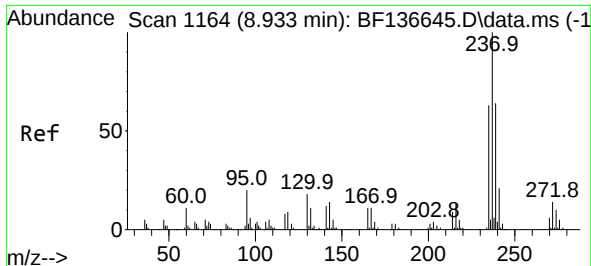
216 100

214 79.3 62.3 93.5

179 20.4 16.4 24.6

108 17.2 14.0 21.0

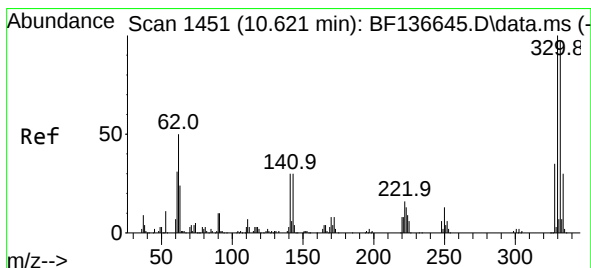
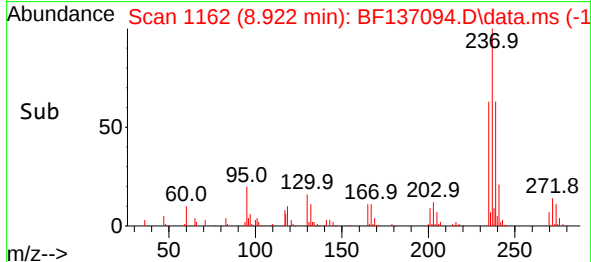
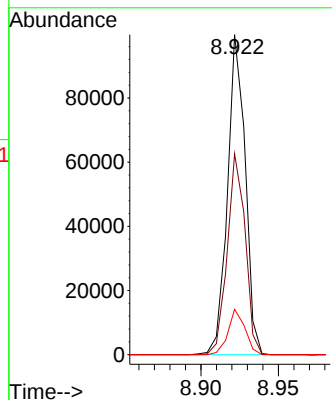
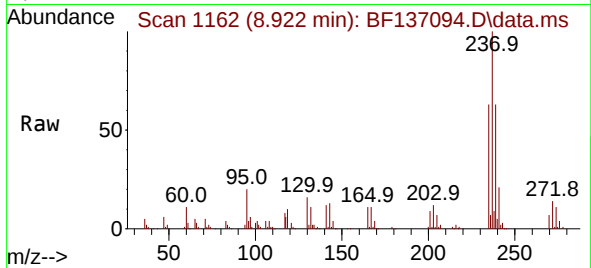




#41
Hexachlorocyclopentadiene
Concen: 60.226 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

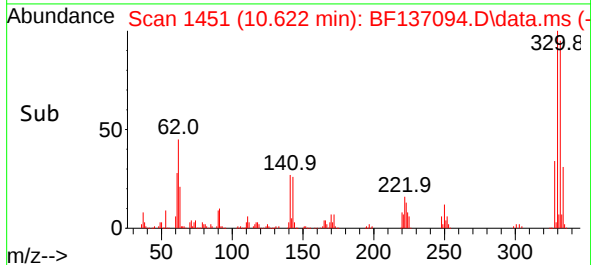
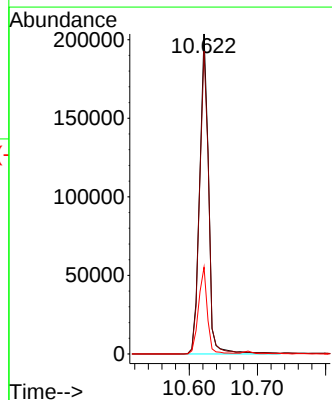
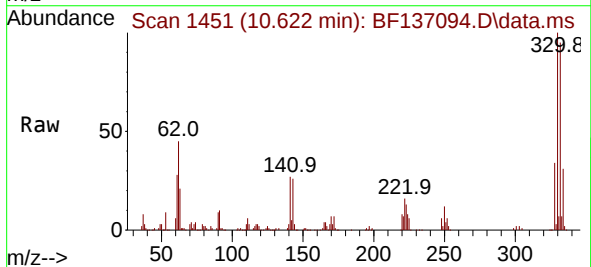
Instrument :
BNA_F
ClientSampleId :
PB158472BS

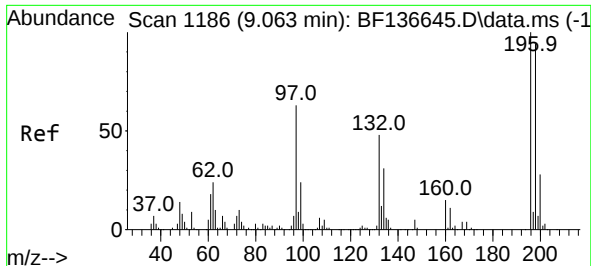
Tgt Ion:237 Resp: 79438
Ion Ratio Lower Upper
237 100
235 62.8 43.2 83.2
272 14.2 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 115.600 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

Tgt Ion:330 Resp: 185838
Ion Ratio Lower Upper
330 100
332 96.0 77.4 116.0
141 26.7 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 40.059 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF137094.D

Acq: 17 Jan 2024 15:30

Instrument :

BNA_F

ClientSampleId :

PB158472BS

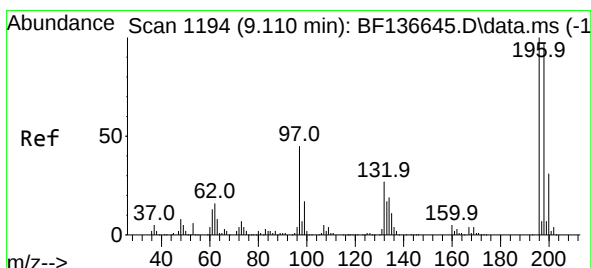
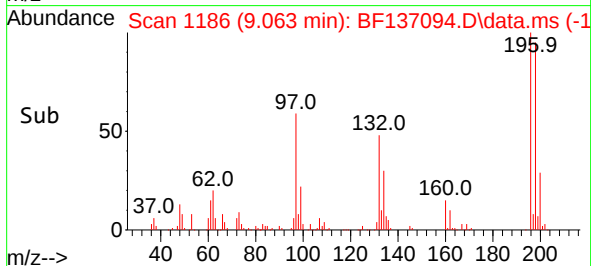
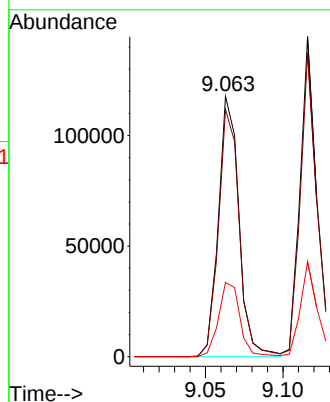
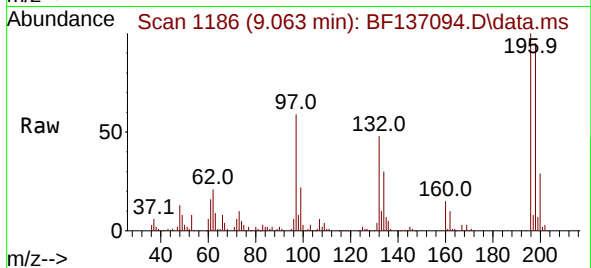
Tgt Ion:196 Resp: 108602

Ion Ratio Lower Upper

196 100

198 94.9 75.1 112.7

200 28.5 22.5 33.7



#44

2,4,5-Trichlorophenol

Concen: 38.499 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.006 min

Lab File: BF137094.D

Acq: 17 Jan 2024 15:30

Tgt Ion:196 Resp: 116310

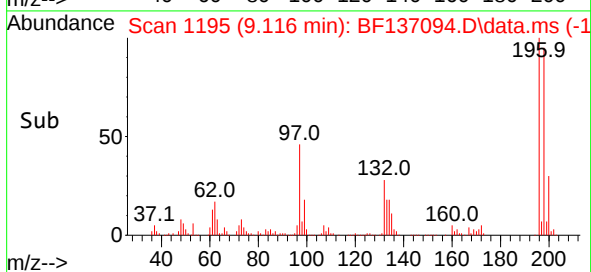
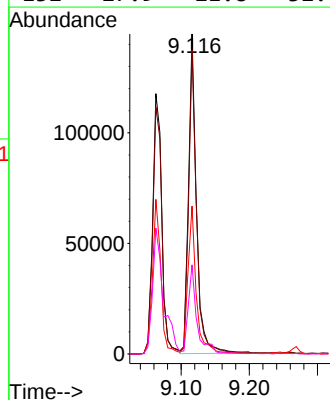
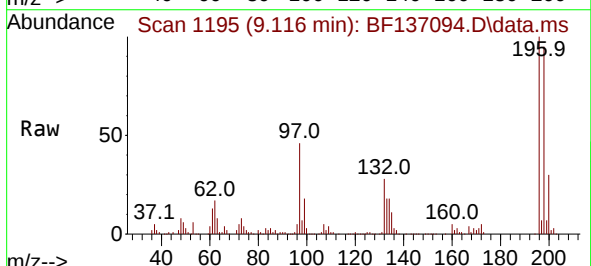
Ion Ratio Lower Upper

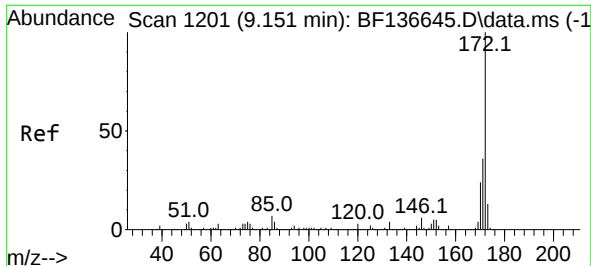
196 100

198 95.0 77.0 115.6

97 46.2 36.1 54.1

132 27.9 21.8 32.6

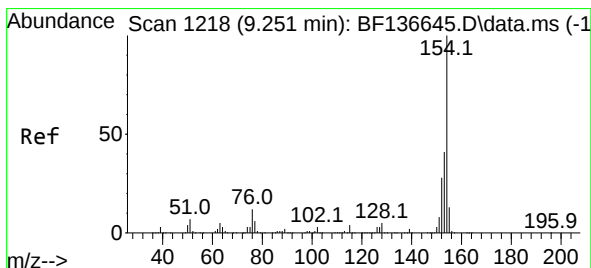
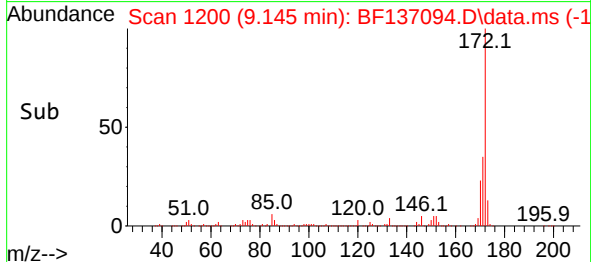
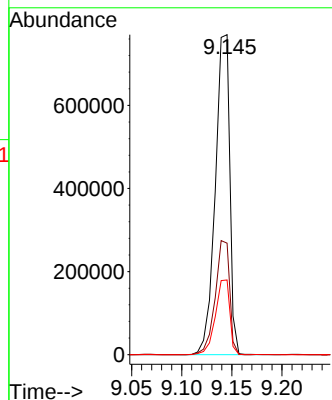
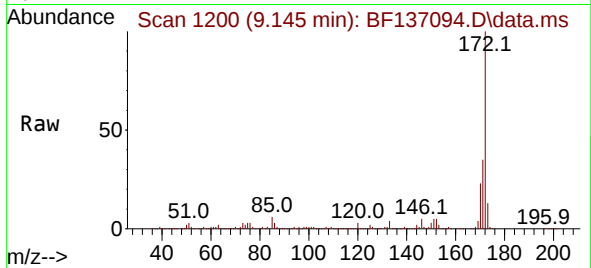




#45
2-Fluorobiphenyl
Concen: 76.468 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

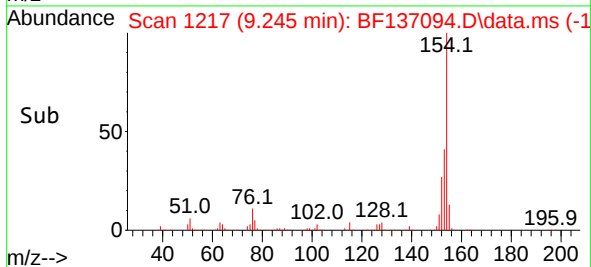
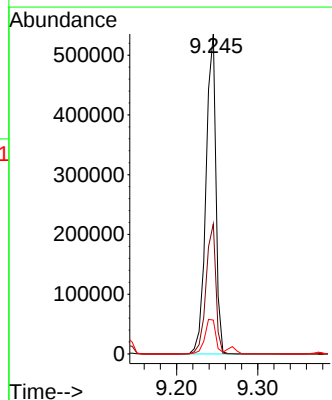
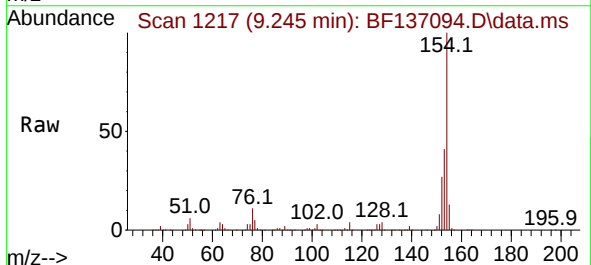
Instrument :
BNA_F
ClientSampleId :
PB158472BS

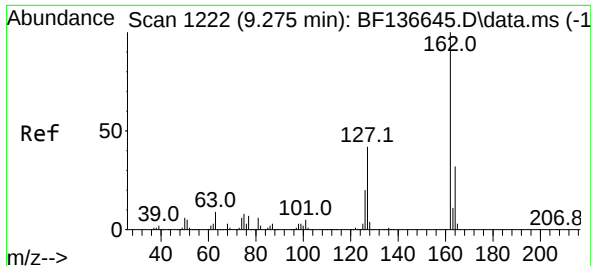
Tgt Ion:172 Resp: 776064
Ion Ratio Lower Upper
172 100
171 34.8 29.0 43.6
170 23.4 19.0 28.4



#46
1,1'-Biphenyl
Concen: 39.491 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

Tgt Ion:154 Resp: 452343
Ion Ratio Lower Upper
154 100
153 40.6 21.1 61.1
76 10.6 0.0 31.7

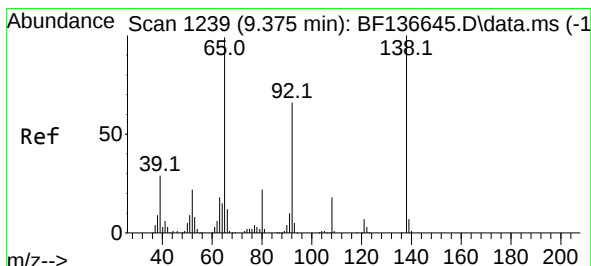
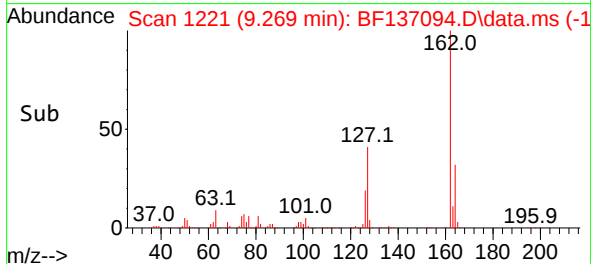
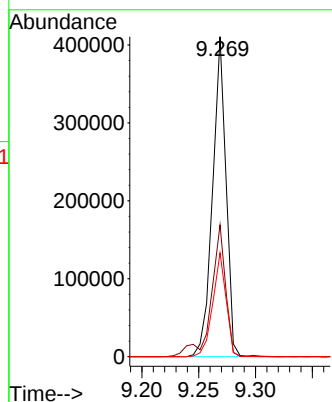
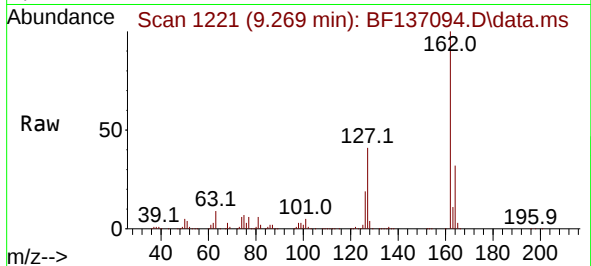




#47
2-Chloronaphthalene
Concen: 38.778 ng
RT: 9.269 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

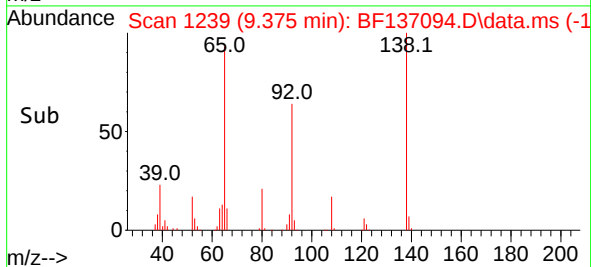
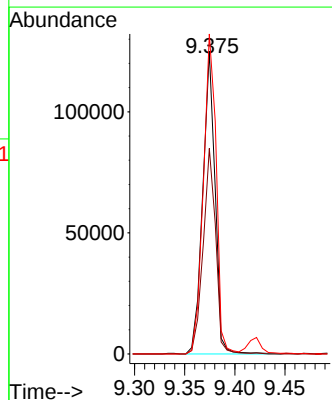
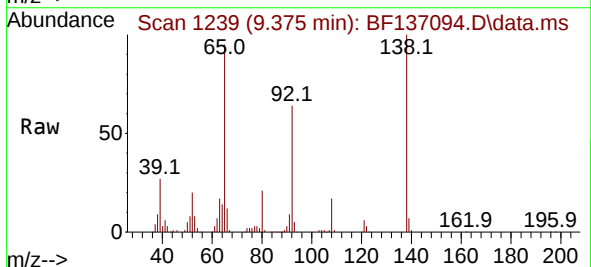
Instrument :
BNA_F
ClientSampleId :
PB158472BS

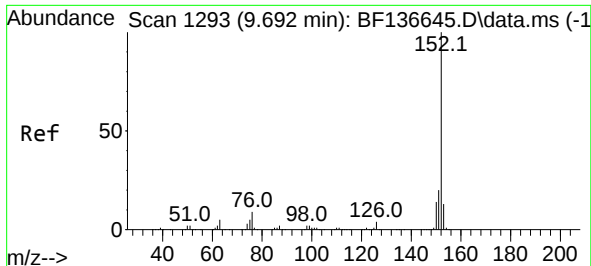
Tgt Ion:162 Resp: 337672
Ion Ratio Lower Upper
162 100
127 41.2 33.6 50.4
164 32.4 25.7 38.5



#48
2-Nitroaniline
Concen: 39.407 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

Tgt Ion: 65 Resp: 107458
Ion Ratio Lower Upper
65 100
92 68.0 53.2 79.8
138 105.8 81.1 121.7





#49

Acenaphthylene

Concen: 39.667 ng

RT: 9.686 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137094.D

Acq: 17 Jan 2024 15:30

Instrument :

BNA_F

ClientSampleId :

PB158472BS

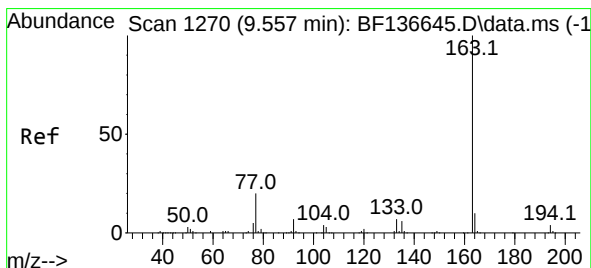
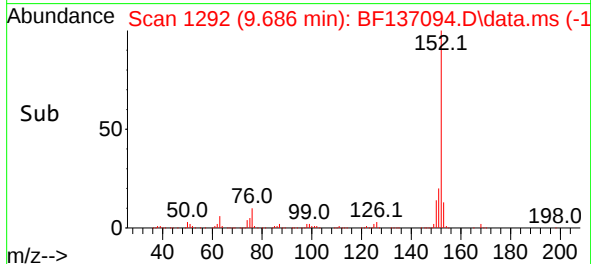
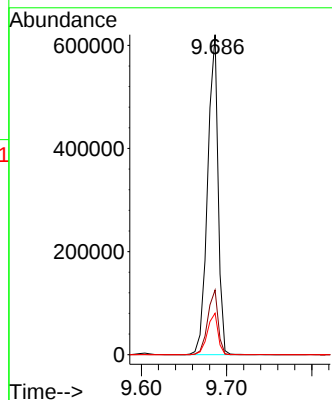
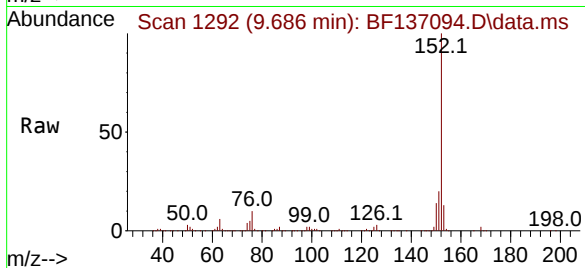
Tgt Ion:152 Resp: 527956

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

153 12.9 10.2 15.2



#50

Dimethylphthalate

Concen: 40.065 ng

RT: 9.545 min Scan# 1268

Delta R.T. -0.012 min

Lab File: BF137094.D

Acq: 17 Jan 2024 15:30

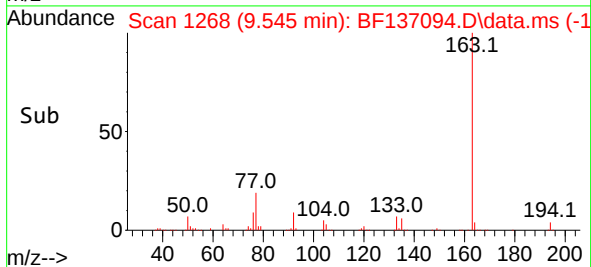
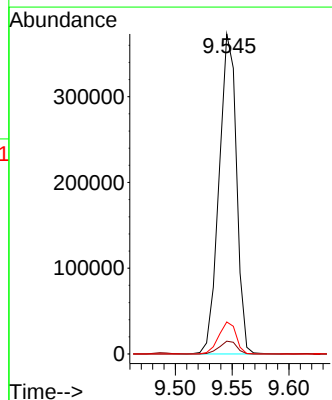
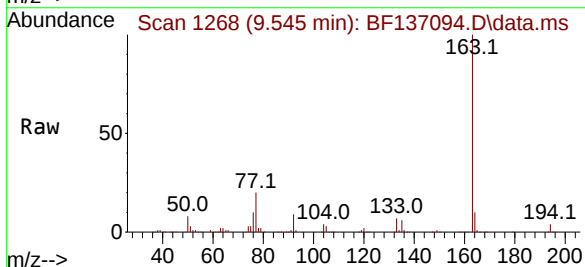
Tgt Ion:163 Resp: 399459

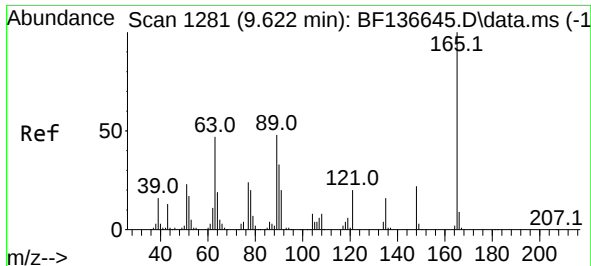
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.0 7.8 11.6

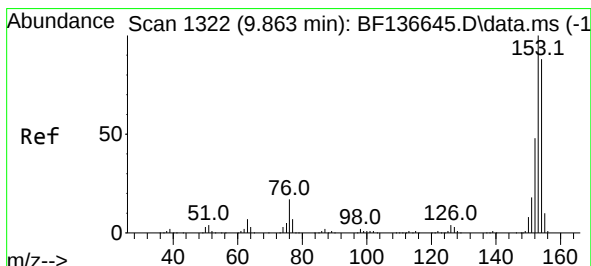
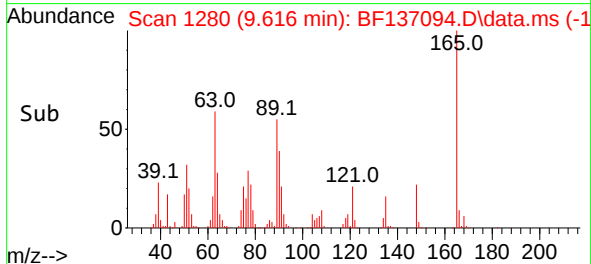
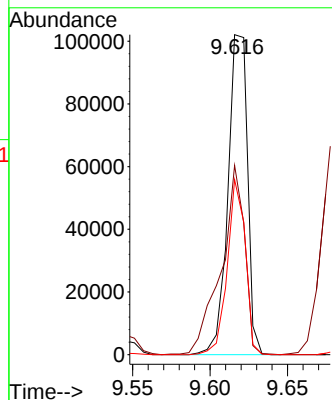
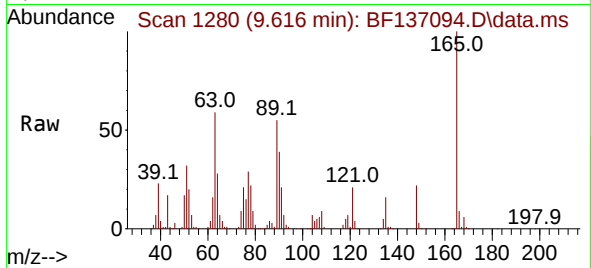




#51
2,6-Dinitrotoluene
Concen: 39.745 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

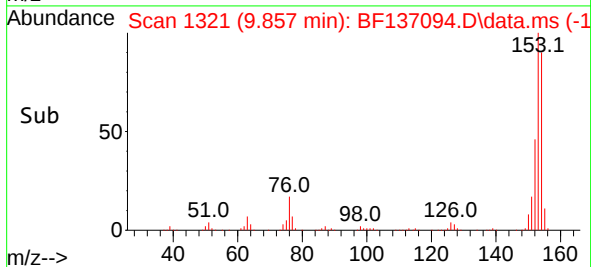
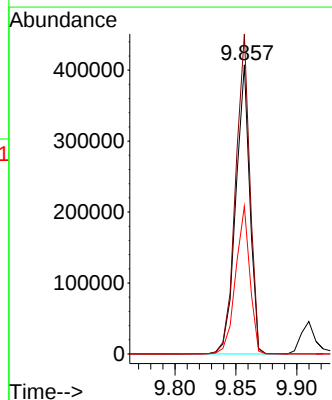
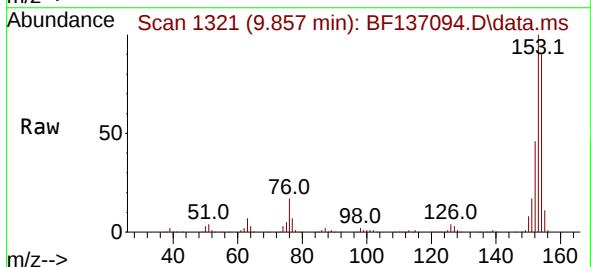
Instrument :
BNA_F
ClientSampleId :
PB158472BS

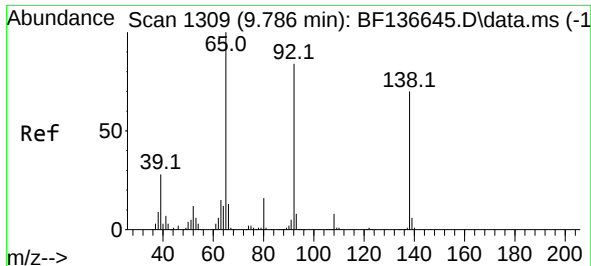
Tgt Ion:165 Resp: 89933
Ion Ratio Lower Upper
165 100
63 59.2 39.8 59.6
89 54.7 38.8 58.2



#52
Acenaphthene
Concen: 39.765 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

Tgt Ion:154 Resp: 328085
Ion Ratio Lower Upper
154 100
153 110.7 90.7 136.1
152 51.1 43.7 65.5

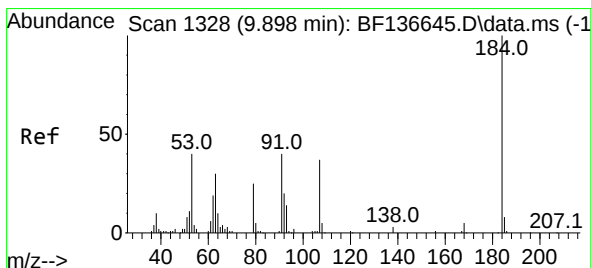
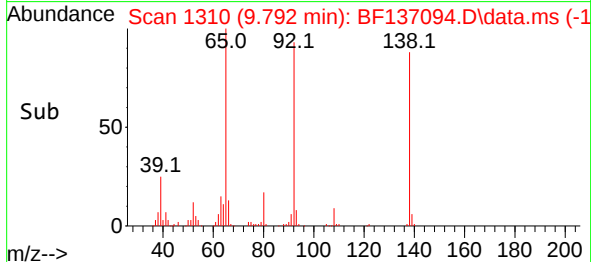
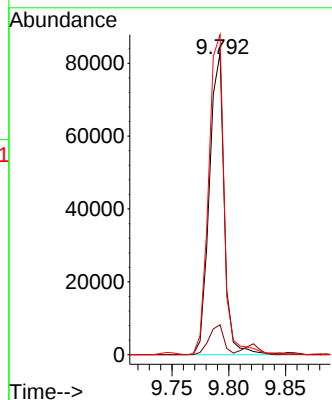
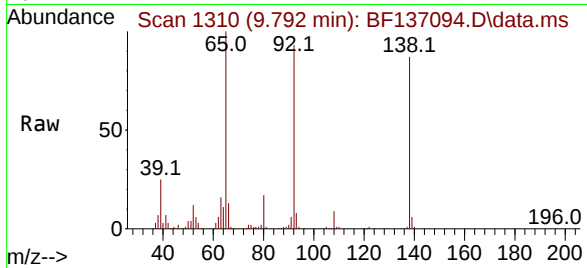




#53
3-Nitroaniline
Concen: 31.492 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

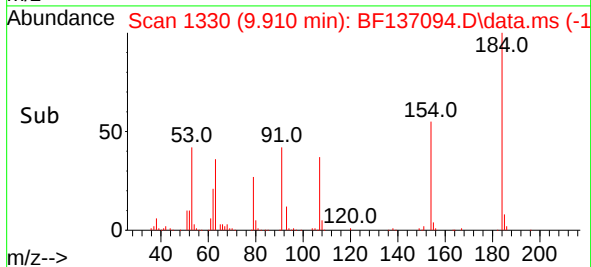
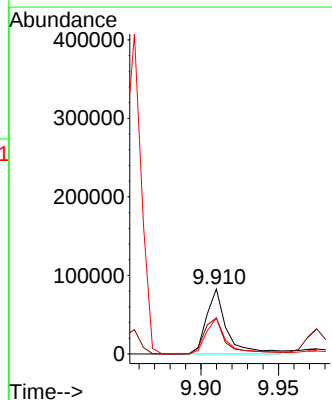
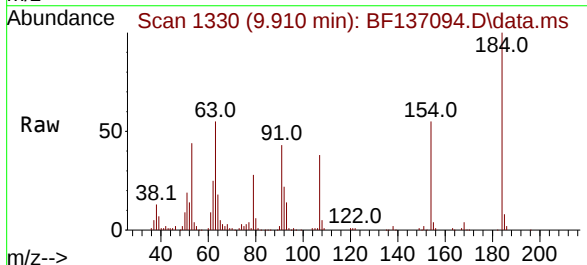
Instrument :
BNA_F
ClientSampleId :
PB158472BS

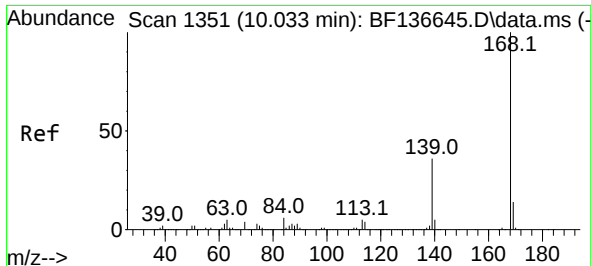
Tgt Ion:138 Resp: 75485
Ion Ratio Lower Upper
138 100
108 9.9 8.6 12.8
92 106.2 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 61.034 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.012 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

Tgt Ion:184 Resp: 75376
Ion Ratio Lower Upper
184 100
63 55.4 40.9 61.3
154 55.5 42.7 64.1

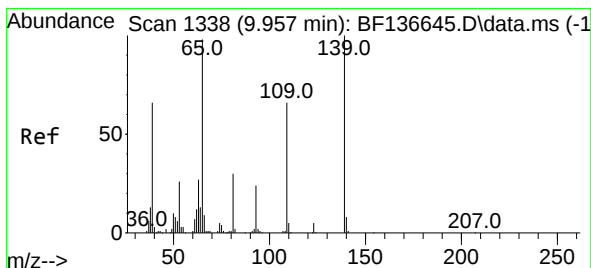
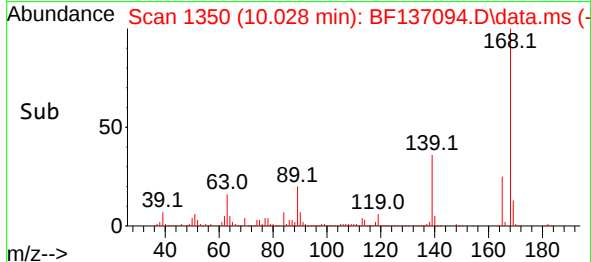
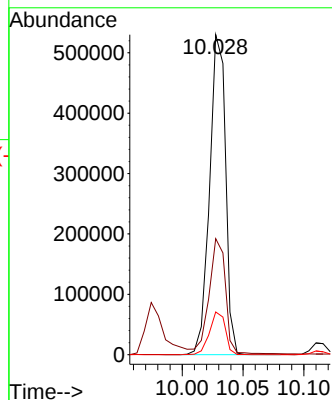
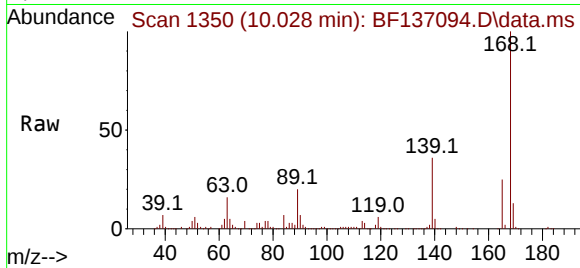




#55
Dibenzenofuran
Concen: 38.751 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

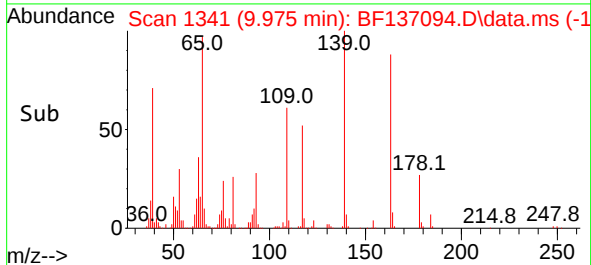
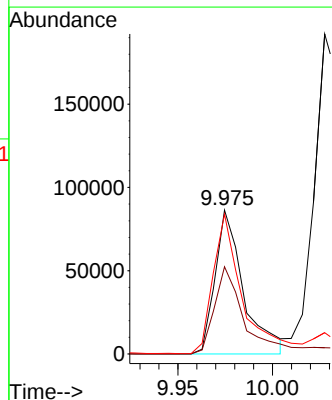
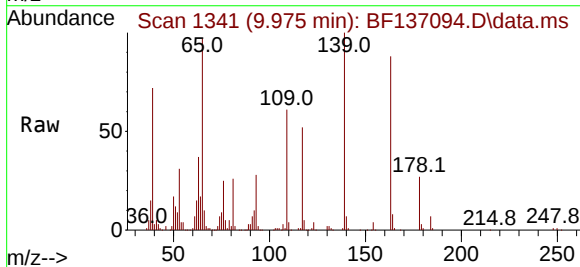
Instrument :
BNA_F
ClientSampleId :
PB158472BS

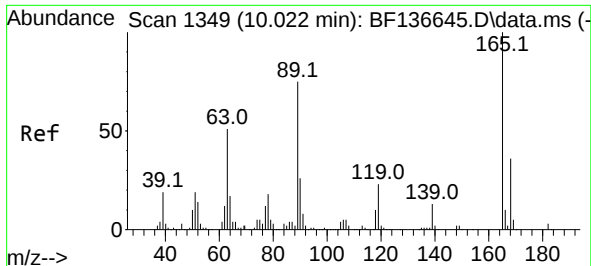
Tgt Ion:168 Resp: 484642
Ion Ratio Lower Upper
168 100
139 36.3 29.3 43.9
169 13.4 11.0 16.4



#56
4-Nitrophenol
Concen: 55.883 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.018 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

Tgt Ion:139 Resp: 90425
Ion Ratio Lower Upper
139 100
109 60.6 45.8 85.8
65 97.2 77.8 117.8

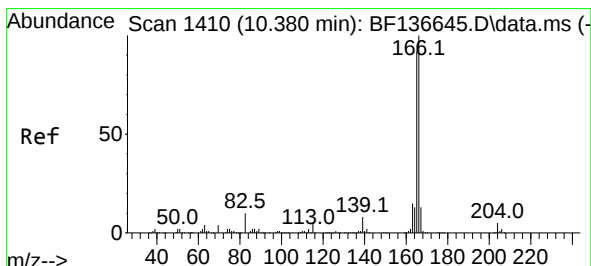
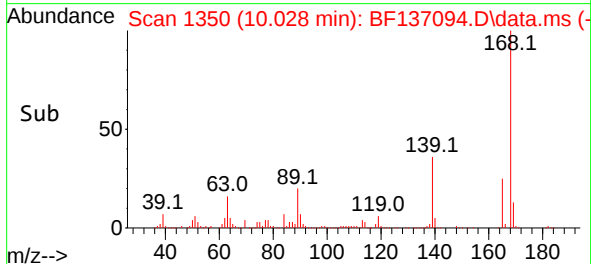
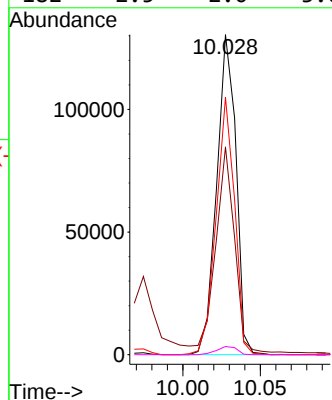
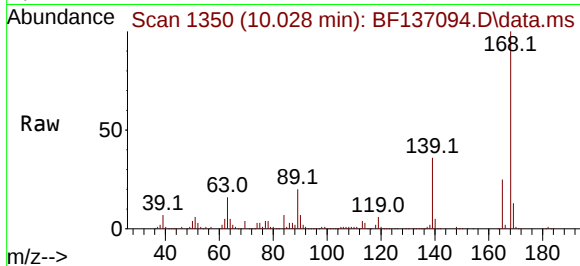




#57
2,4-Dinitrotoluene
Concen: 38.443 ng
RT: 10.028 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

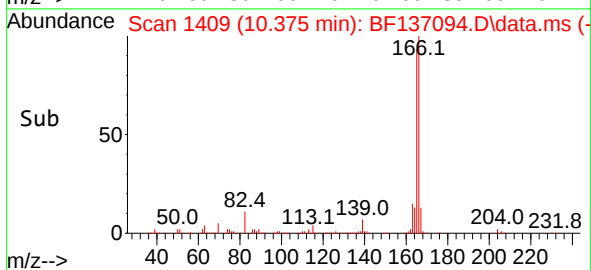
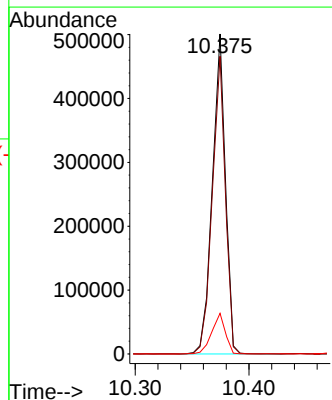
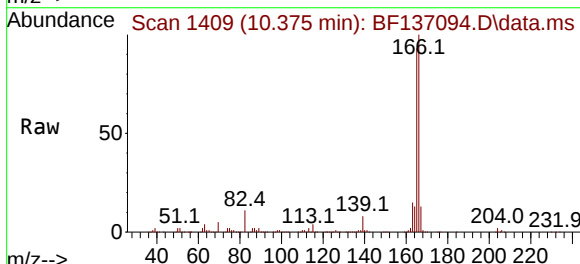
Instrument :
BNA_F
ClientSampleId :
PB158472BS

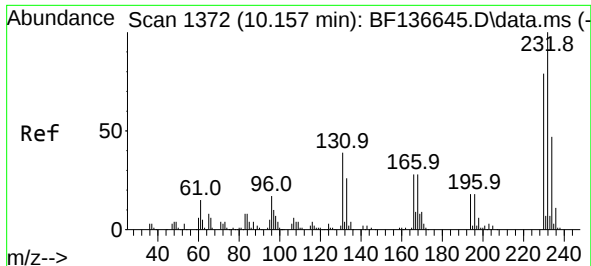
Tgt Ion:165 Resp: 112926
Ion Ratio Lower Upper
165 100
63 64.9 41.0 61.6#
89 80.5 59.9 89.9
182 2.5 2.0 3.0



#58
Fluorene
Concen: 40.403 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

Tgt Ion:166 Resp: 400943
Ion Ratio Lower Upper
166 100
165 93.0 73.7 110.5
167 12.7 10.4 15.6

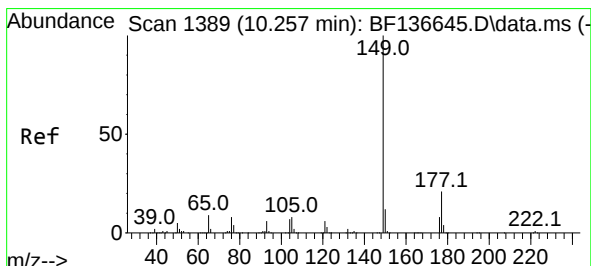
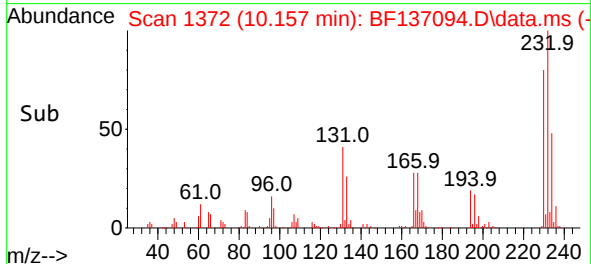
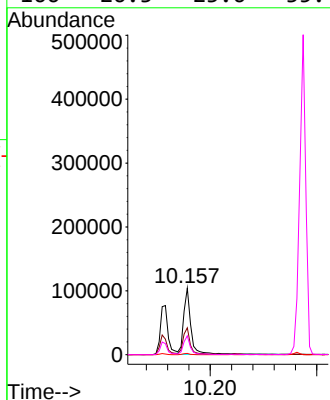
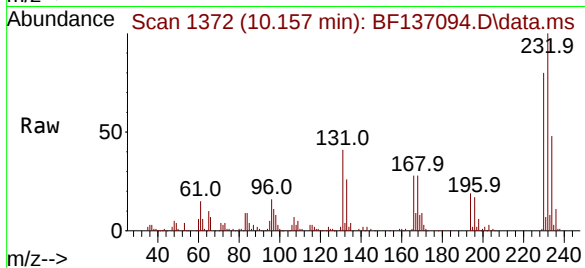




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.504 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

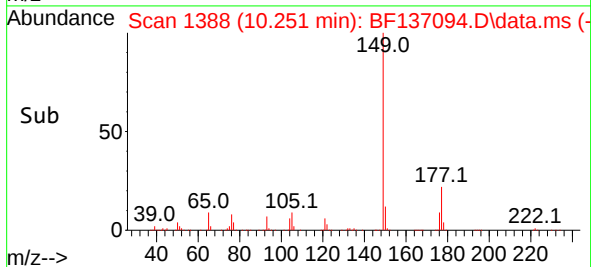
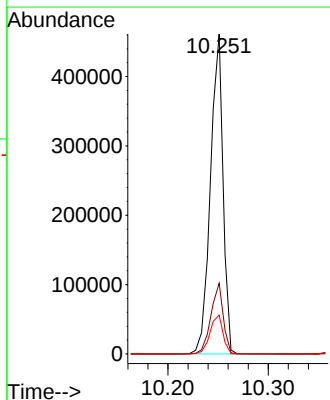
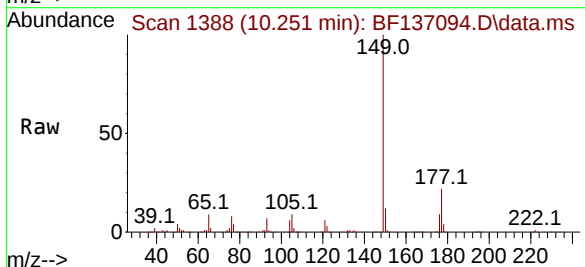
Instrument :
BNA_F
ClientSampleId :
PB158472BS

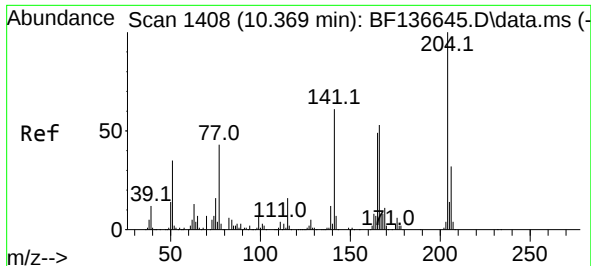
Tgt Ion:232 Resp: 98846
Ion Ratio Lower Upper
232 100
131 38.8 35.1 52.7
130 1.8 1.6 2.4
166 26.3 23.6 35.4



#60
Diethylphthalate
Concen: 38.865 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

Tgt Ion:149 Resp: 402047
Ion Ratio Lower Upper
149 100
177 22.1 16.9 25.3
150 12.2 9.3 13.9

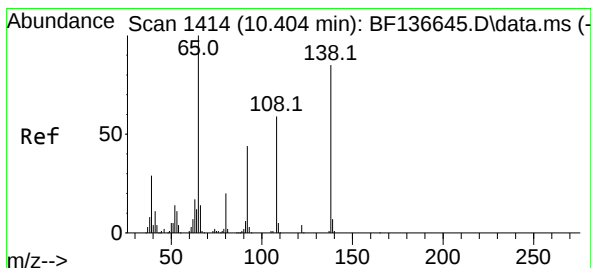
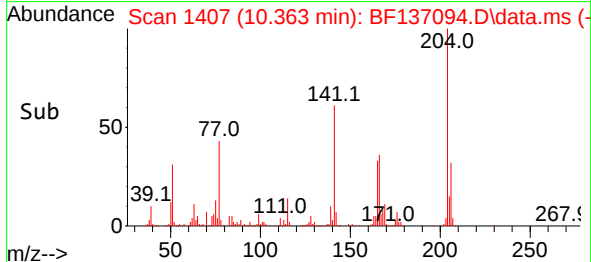
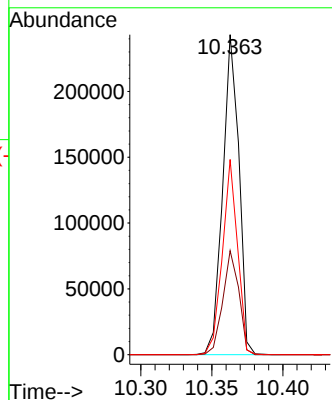
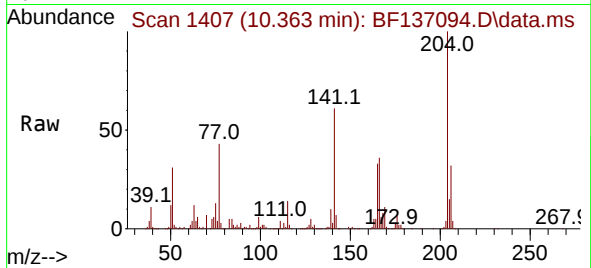




#61
4-Chlorophenyl-phenylether
Concen: 39.771 ng
RT: 10.363 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

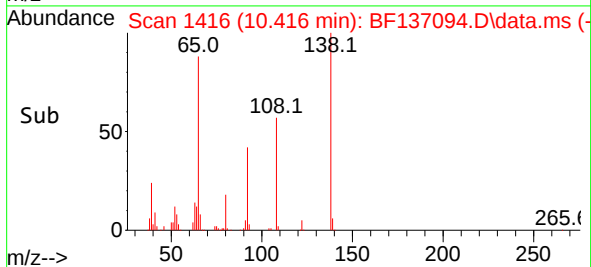
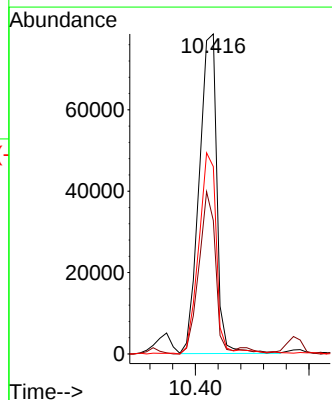
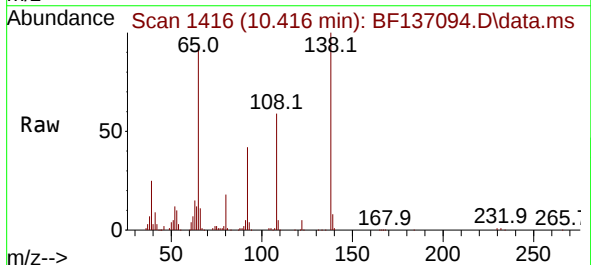
Instrument :
BNA_F
ClientSampleId :
PB158472BS

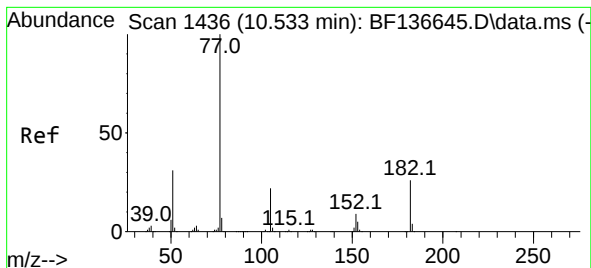
Tgt Ion:204 Resp: 191837
Ion Ratio Lower Upper
204 100
206 32.5 25.6 38.4
141 61.0 48.4 72.6



#62
4-Nitroaniline
Concen: 36.832 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.012 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

Tgt Ion:138 Resp: 85108
Ion Ratio Lower Upper
138 100
92 41.7 32.1 72.1
108 58.6 50.1 90.1





#63

Azobenzene

Concen: 38.376 ng

RT: 10.527 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF137094.D

Acq: 17 Jan 2024 15:30

Instrument :

BNA_F

ClientSampleId :

PB158472BS

Tgt Ion: 77 Resp: 370789

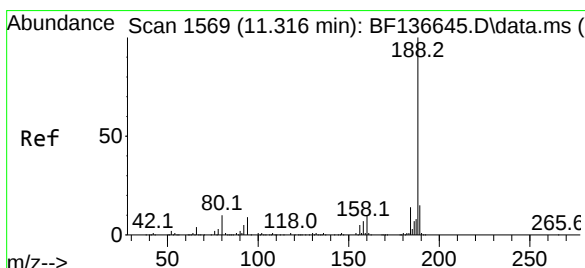
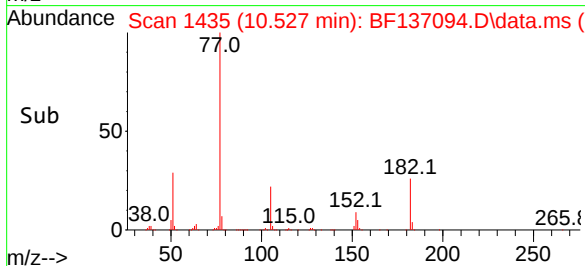
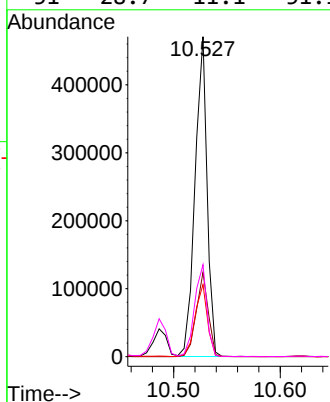
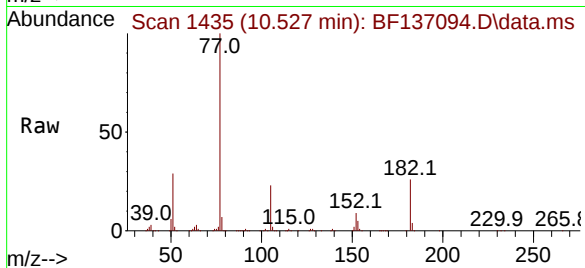
Ion Ratio Lower Upper

77 100

182 26.4 6.0 46.0

105 22.5 2.3 42.3

51 28.7 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: BF137094.D

Acq: 17 Jan 2024 15:30

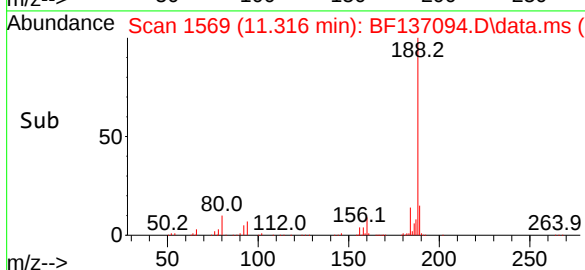
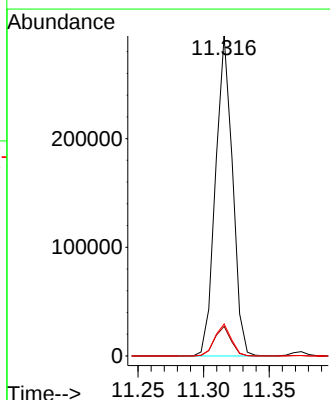
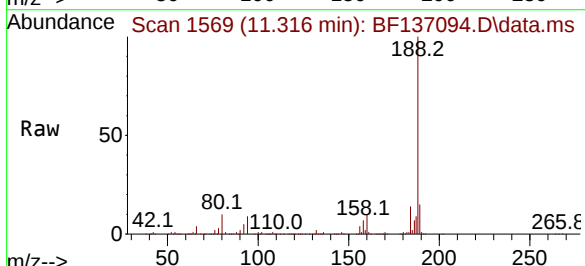
Tgt Ion: 188 Resp: 265209

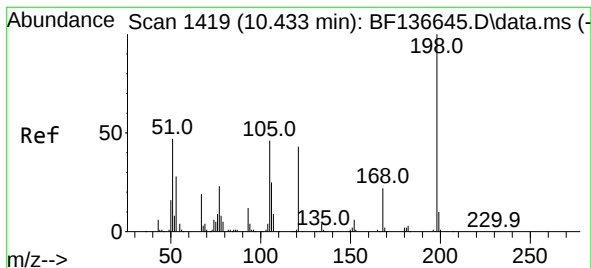
Ion Ratio Lower Upper

188 100

94 9.3 7.5 11.3

80 10.0 8.1 12.1

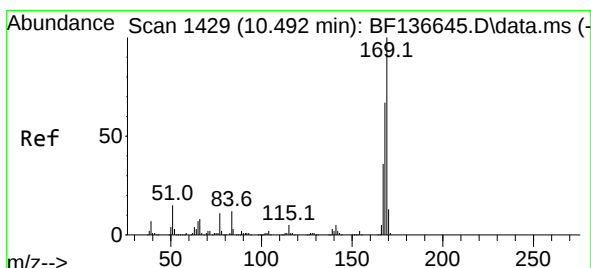
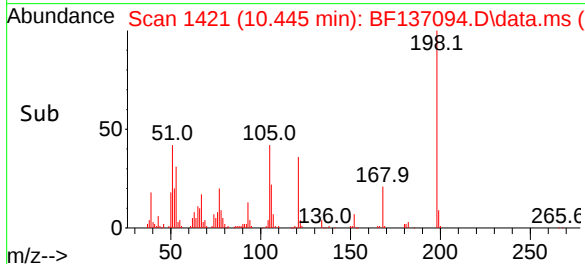
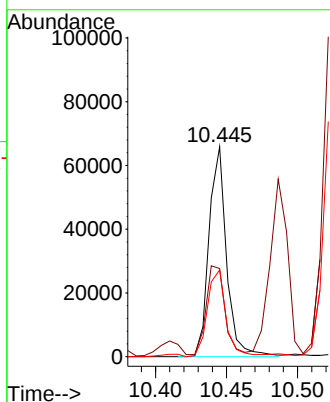
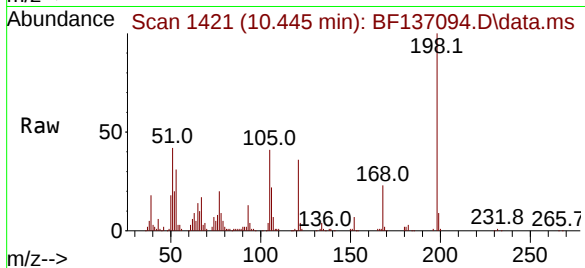




#65
4,6-Dinitro-2-methylphenol
Concen: 37.368 ng
RT: 10.445 min Scan# 1419
Delta R.T. 0.012 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

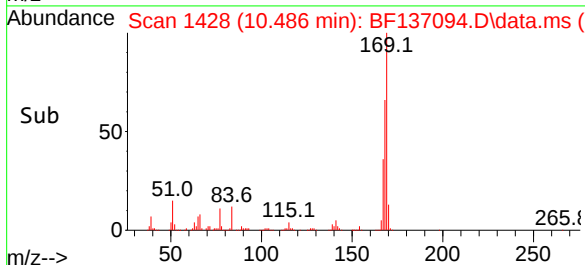
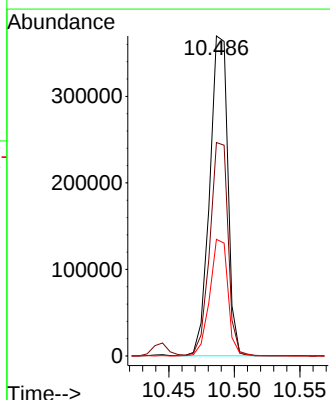
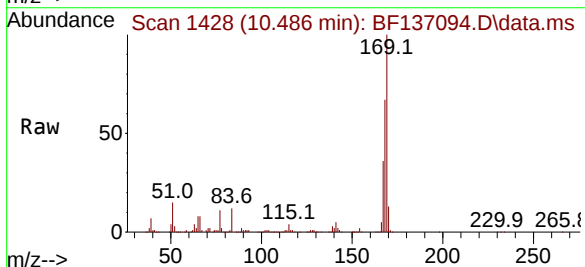
Instrument :
BNA_F
ClientSampleId :
PB158472BS

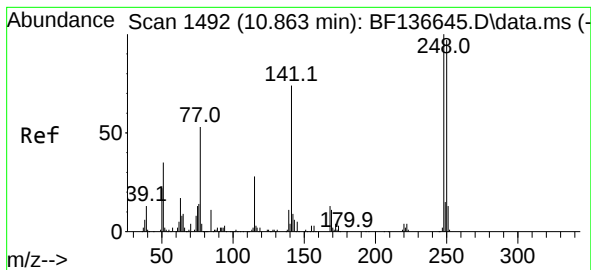
Tgt Ion:198 Resp: 56796
Ion Ratio Lower Upper
198 100
51 42.0 34.1 74.1
105 41.3 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 41.201 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

Tgt Ion:169 Resp: 354953
Ion Ratio Lower Upper
169 100
168 66.7 53.8 80.6
167 36.5 28.7 43.1

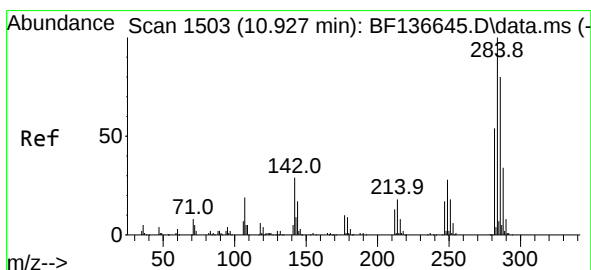
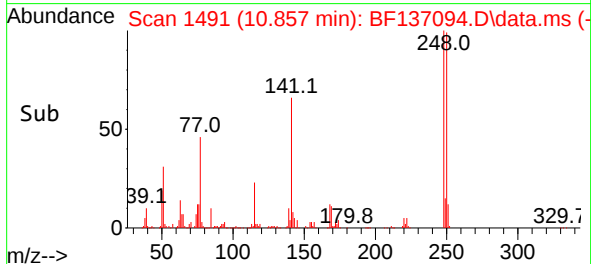
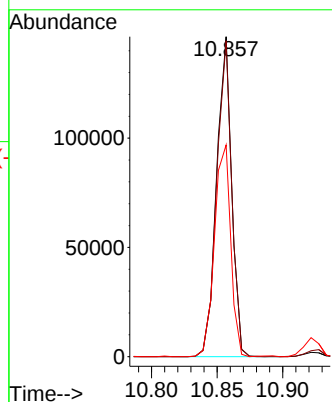
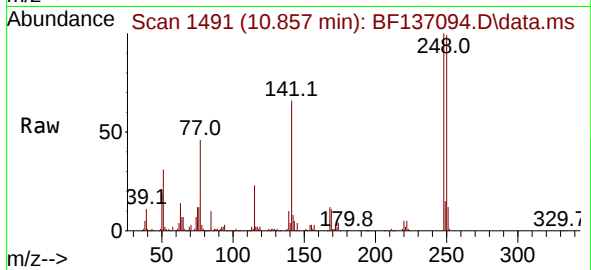




#67
4-Bromophenyl-phenylether
Concen: 39.714 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

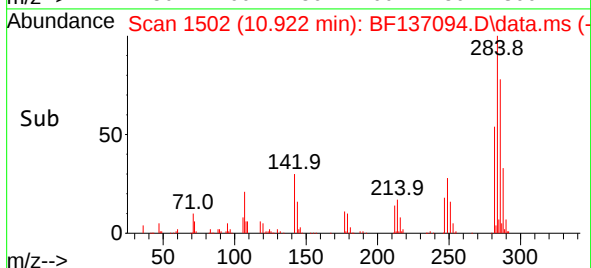
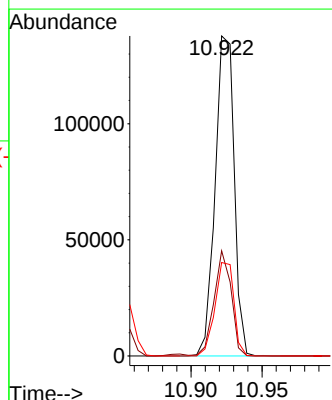
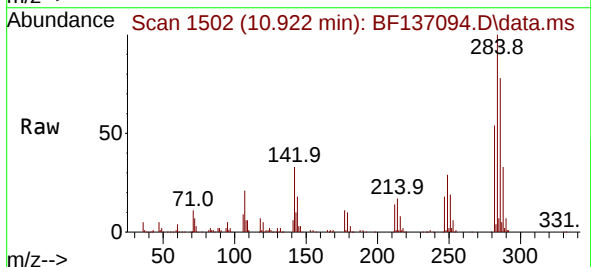
Instrument :
BNA_F
ClientSampleId :
PB158472BS

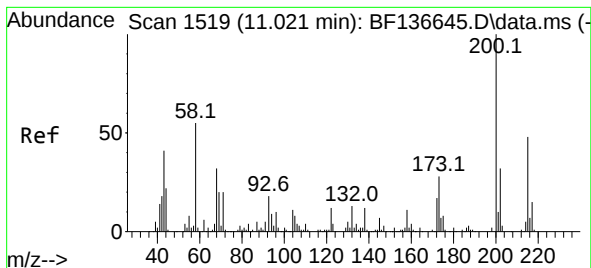
Tgt Ion:248 Resp: 116972
Ion Ratio Lower Upper
248 100
250 98.7 77.8 116.6
141 66.1 59.2 88.8



#68
Hexachlorobenzene
Concen: 39.126 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

Tgt Ion:284 Resp: 128424
Ion Ratio Lower Upper
284 100
142 32.8 23.4 35.0
249 29.2 22.3 33.5





#69

Atrazine

Concen: 67.616 ng

RT: 11.027 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137094.D

Acq: 17 Jan 2024 15:30

Instrument :

BNA_F

ClientSampleId :

PB158472BS

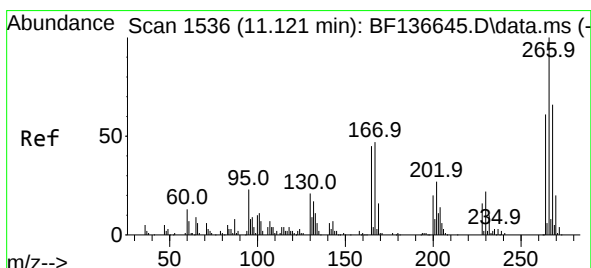
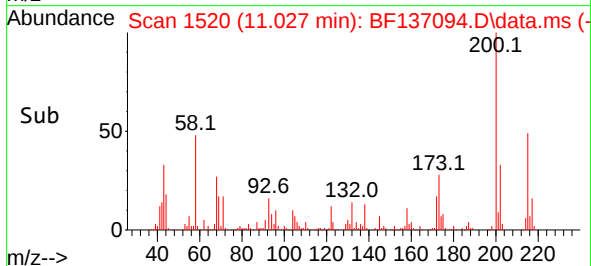
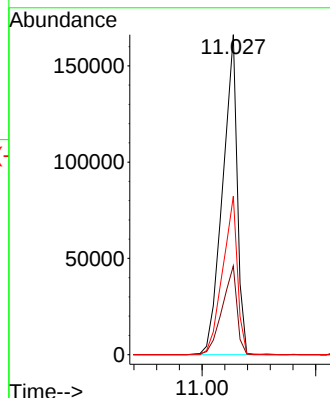
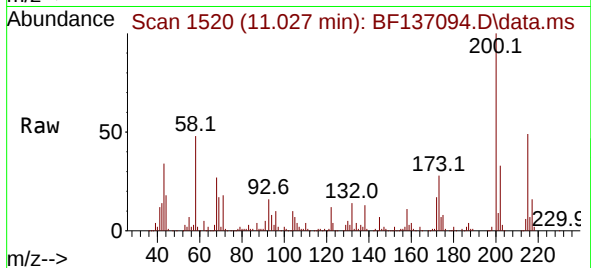
Tgt Ion:200 Resp: 148993

Ion Ratio Lower Upper

200 100

173 27.7 7.6 47.6

215 49.5 28.3 68.3



#70

Pentachlorophenol

Concen: 65.211 ng

RT: 11.127 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF137094.D

Acq: 17 Jan 2024 15:30

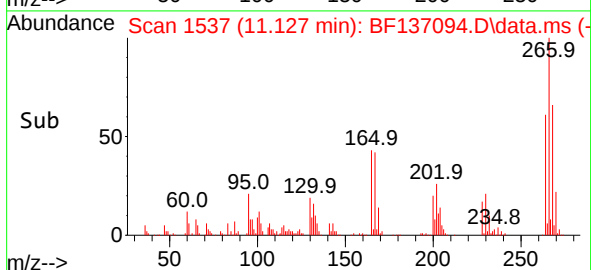
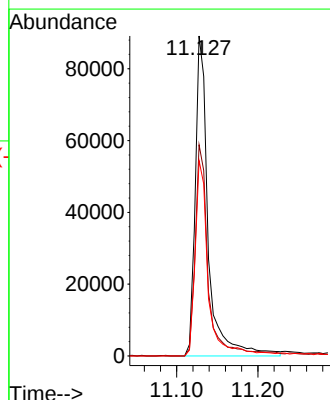
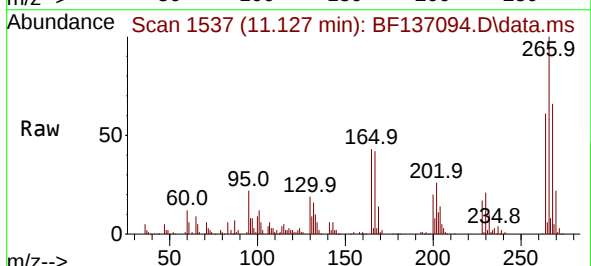
Tgt Ion:266 Resp: 99768

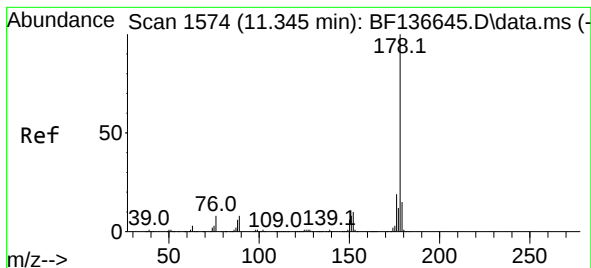
Ion Ratio Lower Upper

266 100

268 66.0 52.6 78.8

264 61.1 49.0 73.4





#71

Phenanthrene

Concen: 41.428 ng

RT: 11.345 min Scan# 1574

Delta R.T. 0.000 min

Lab File: BF137094.D

Acq: 17 Jan 2024 15:30

Instrument :

BNA_F

ClientSampleId :

PB158472BS

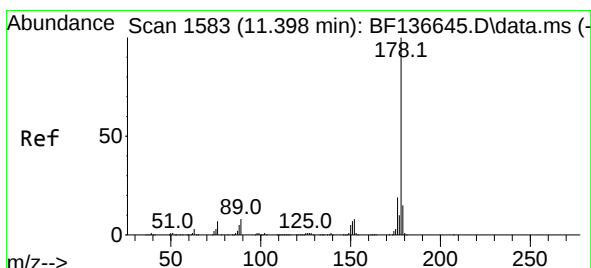
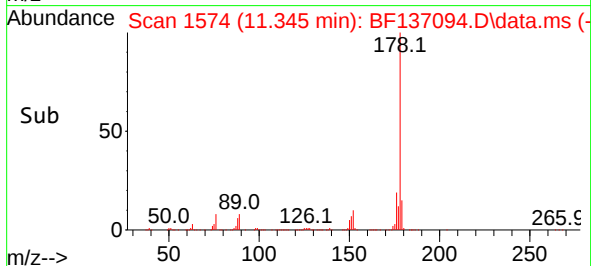
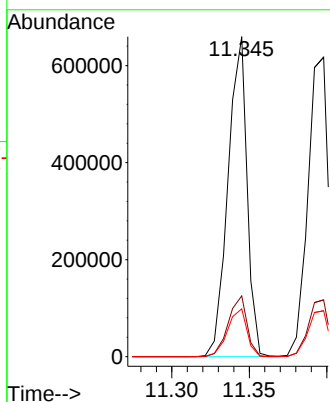
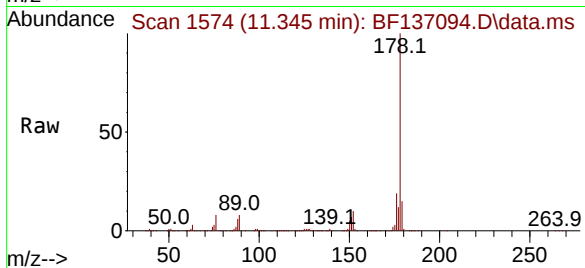
Tgt Ion:178 Resp: 563760

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

179 15.0 11.9 17.9



#72

Anthracene

Concen: 41.065 ng

RT: 11.398 min Scan# 1583

Delta R.T. 0.000 min

Lab File: BF137094.D

Acq: 17 Jan 2024 15:30

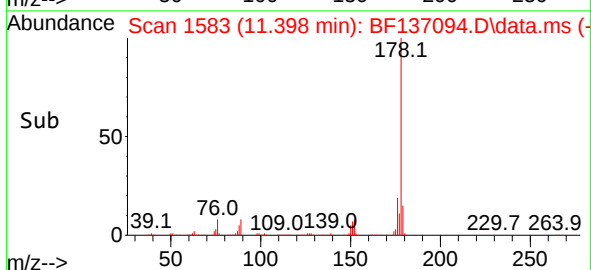
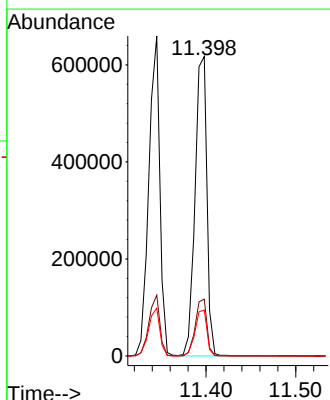
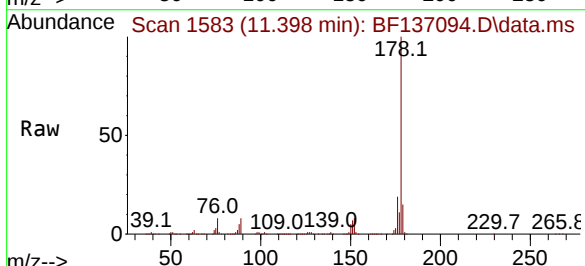
Tgt Ion:178 Resp: 565934

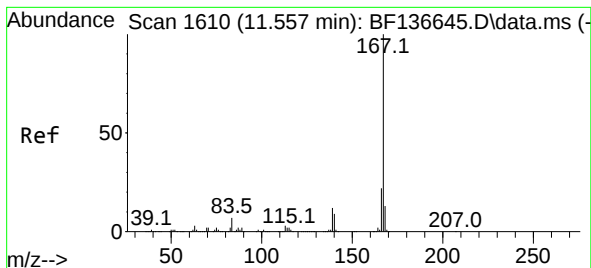
Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

179 15.4 11.8 17.6





#73

Carbazole

Concen: 39.629 ng

RT: 11.557 min Scan# 1610

Delta R.T. 0.000 min

Lab File: BF137094.D

Acq: 17 Jan 2024 15:30

Instrument :

BNA_F

ClientSampleId :

PB158472BS

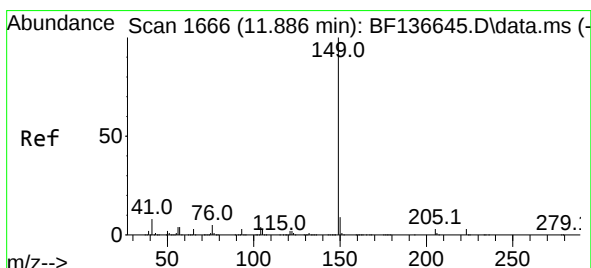
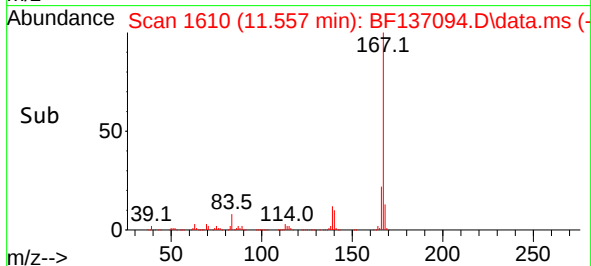
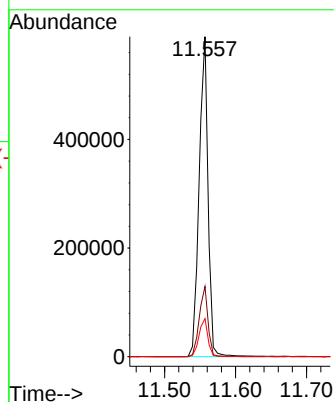
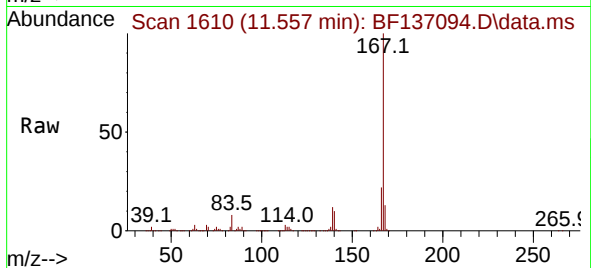
Tgt Ion:167 Resp: 514906

Ion Ratio Lower Upper

167 100

166 22.0 17.3 25.9

139 11.9 9.8 14.6



#74

Di-n-butylphthalate

Concen: 40.121 ng

RT: 11.880 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF137094.D

Acq: 17 Jan 2024 15:30

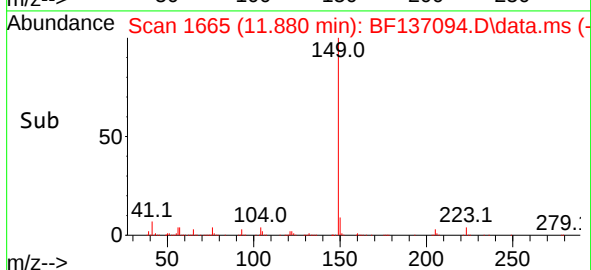
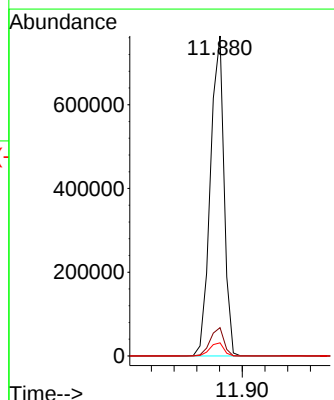
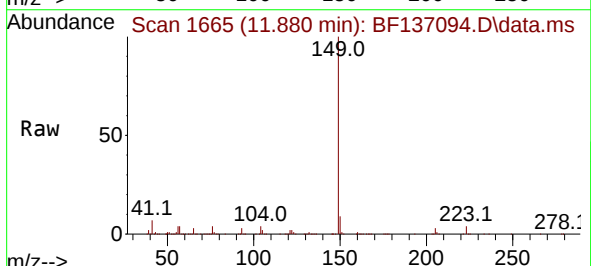
Tgt Ion:149 Resp: 636120

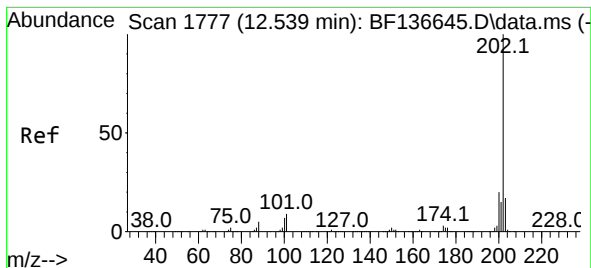
Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.2

104 4.1 3.6 5.4





#75

Fluoranthene

Concen: 39.296 ng

RT: 12.539 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137094.D

Acq: 17 Jan 2024 15:30

Instrument :

BNA_F

ClientSampleId :

PB158472BS

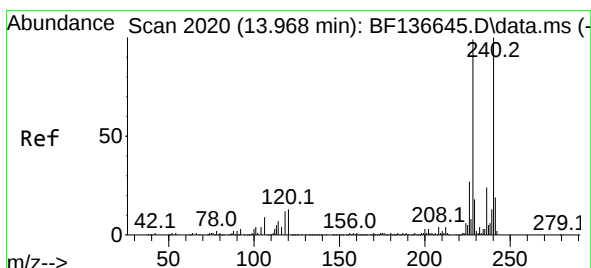
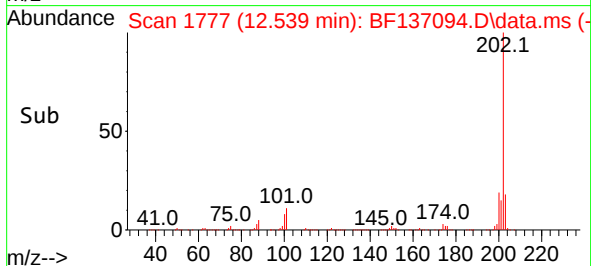
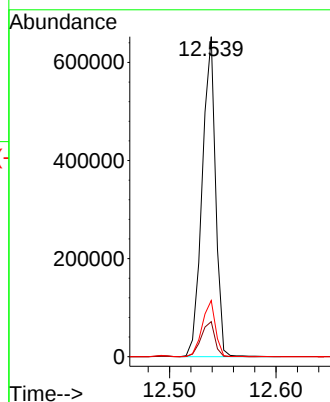
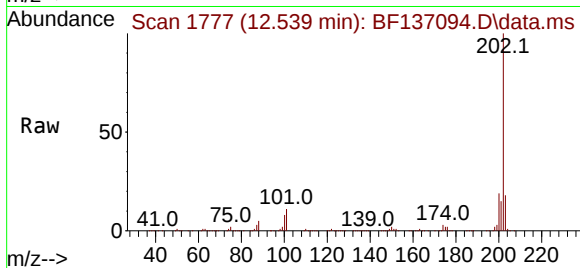
Tgt Ion:202 Resp: 571983

Ion Ratio Lower Upper

202 100

101 11.0 0.0 29.3

203 17.6 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.006 min

Lab File: BF137094.D

Acq: 17 Jan 2024 15:30

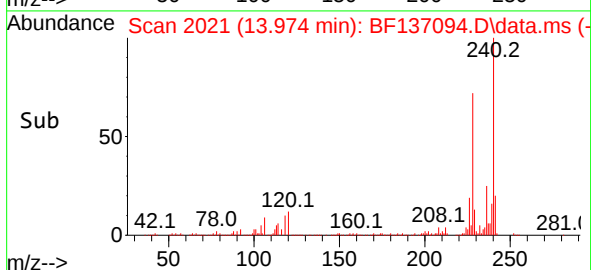
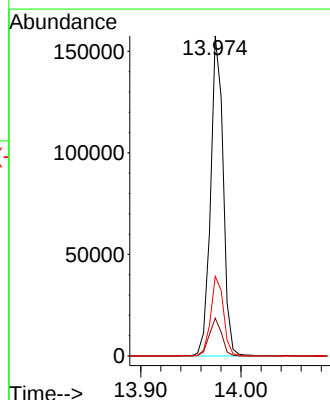
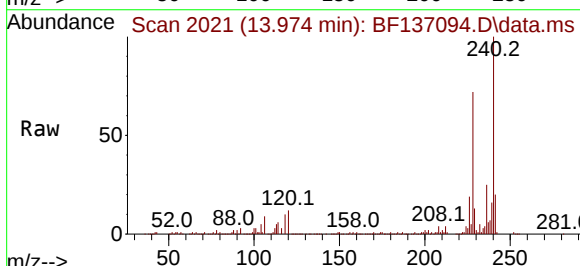
Tgt Ion:240 Resp: 137849

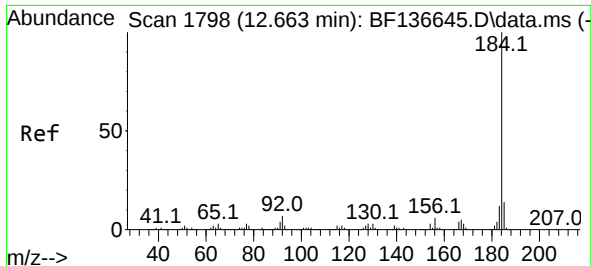
Ion Ratio Lower Upper

240 100

120 11.8 10.3 15.5

236 24.9 19.4 29.2

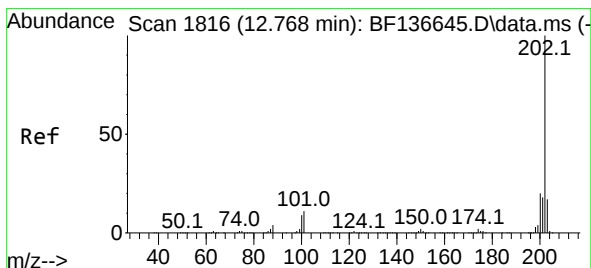
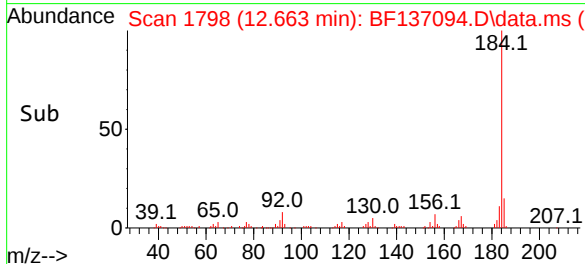
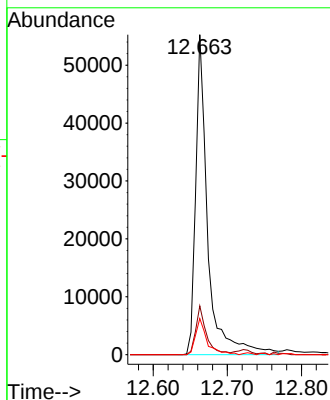
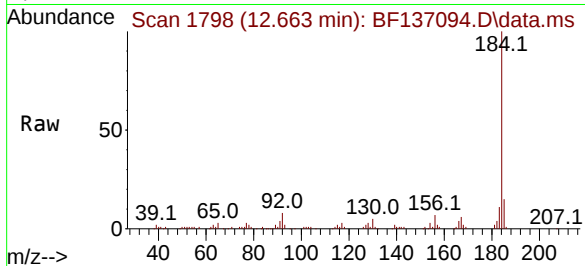




#77
Benzidine
Concen: 15.338 ng
RT: 12.663 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

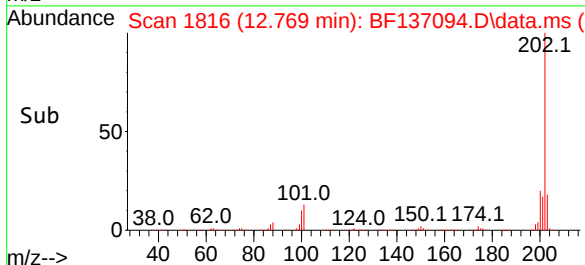
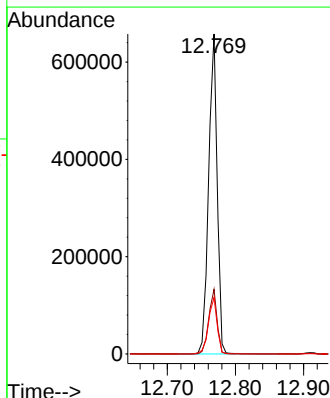
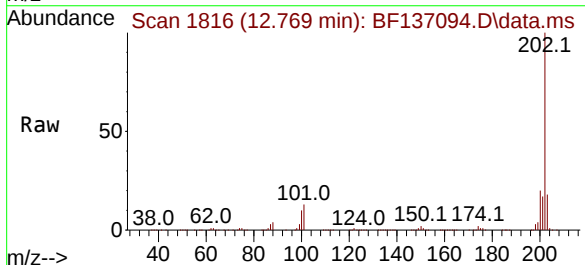
Instrument :
BNA_F
ClientSampleId :
PB158472BS

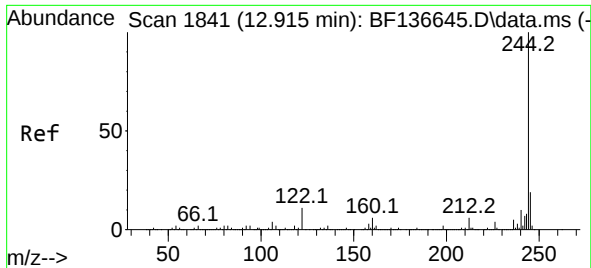
Tgt Ion:184 Resp: 62344
Ion Ratio Lower Upper
184 100
185 15.2 11.2 16.8
183 11.3 9.3 13.9



#78
Pyrene
Concen: 42.429 ng
RT: 12.769 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

Tgt Ion:202 Resp: 574152
Ion Ratio Lower Upper
202 100
200 20.2 15.9 23.9
203 17.7 13.8 20.6

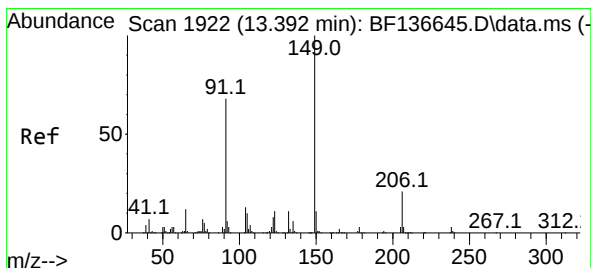
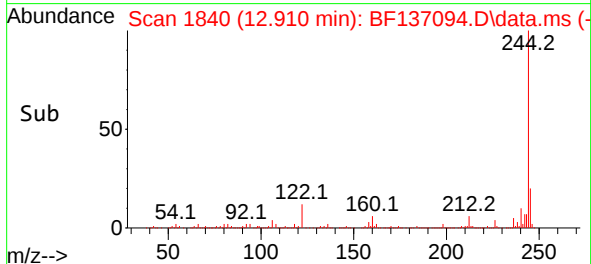
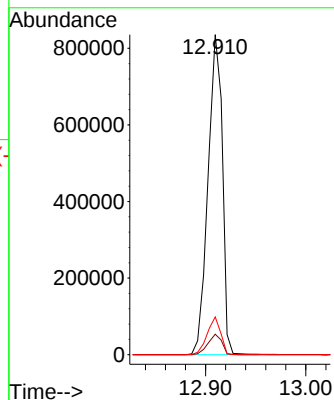
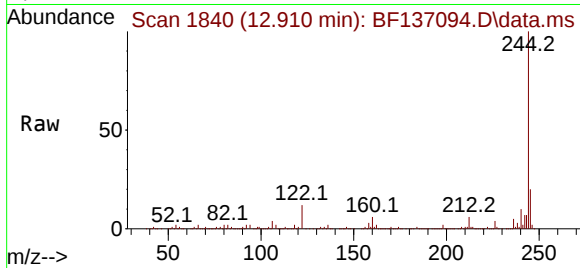




#79
 Terphenyl-d14
 Concen: 84.483 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF137094.D
 Acq: 17 Jan 2024 15:30

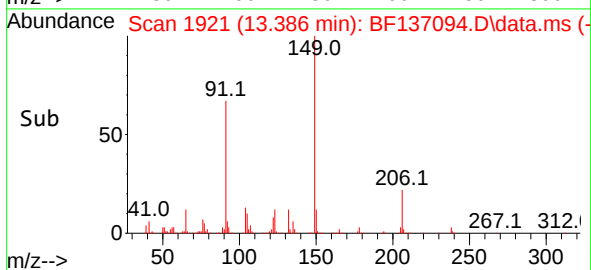
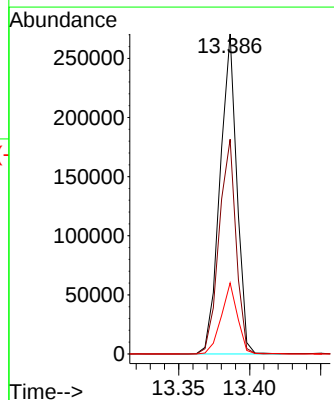
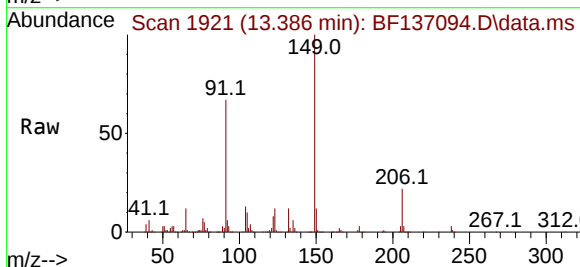
Instrument :
 BNA_F
 ClientSampleId :
 PB158472BS

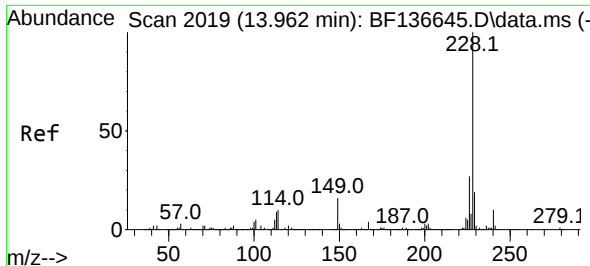
Tgt Ion:244 Resp: 833356
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 11.8 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 45.256 ng
 RT: 13.386 min Scan# 1921
 Delta R.T. -0.006 min
 Lab File: BF137094.D
 Acq: 17 Jan 2024 15:30

Tgt Ion:149 Resp: 222841
 Ion Ratio Lower Upper
 149 100
 91 67.1 54.1 81.1
 206 22.2 17.1 25.7

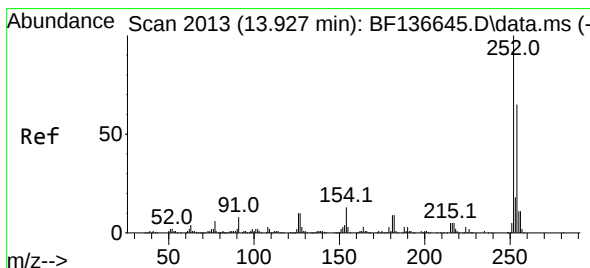
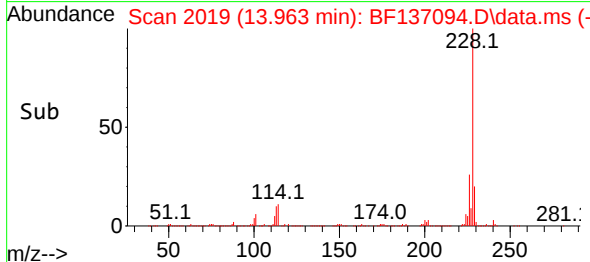
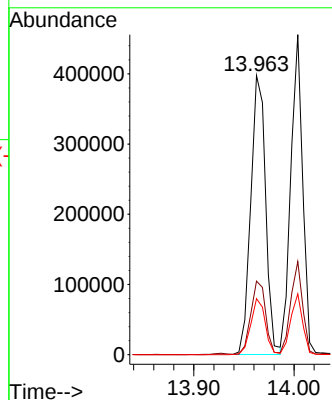
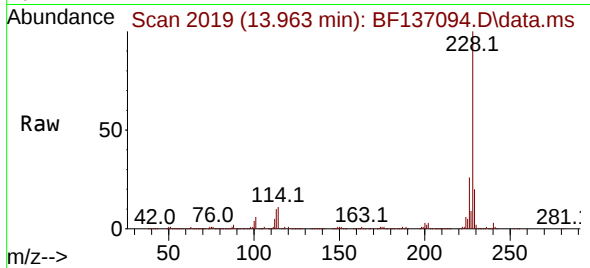




#81
Benzo(a)anthracene
Concen: 42.966 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

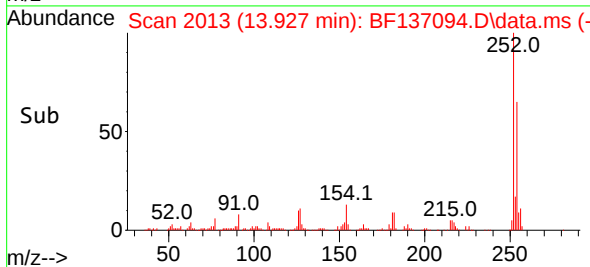
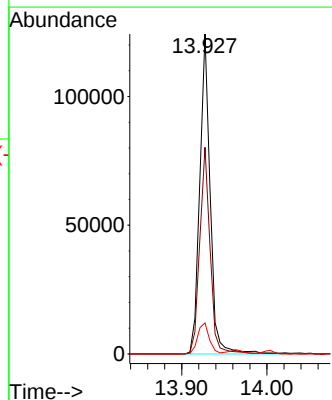
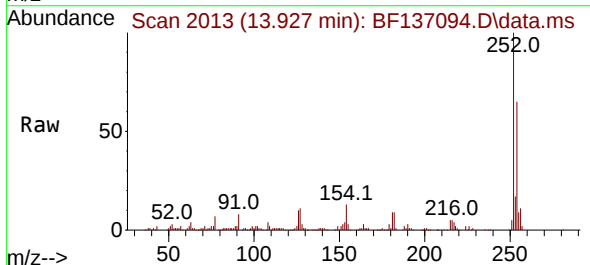
Instrument :
BNA_F
ClientSampleId :
PB158472BS

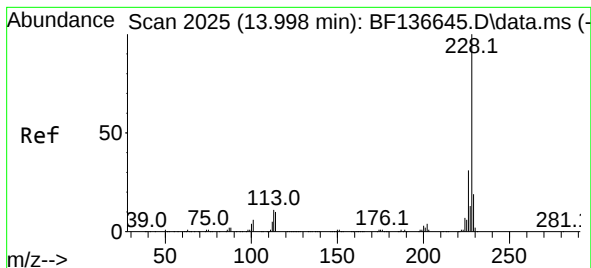
Tgt Ion:228 Resp: 411276
Ion Ratio Lower Upper
228 100
226 26.4 21.4 32.0
229 20.0 14.9 22.3



#82
3,3'-Dichlorobenzidine
Concen: 39.088 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

Tgt Ion:252 Resp: 106257
Ion Ratio Lower Upper
252 100
254 64.6 52.2 78.4
126 9.7 8.0 12.0





#83

Chrysene

Concen: 40.427 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF137094.D

Acq: 17 Jan 2024 15:30

Instrument :

BNA_F

ClientSampleId :

PB158472BS

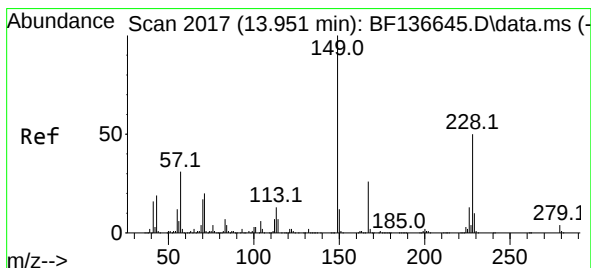
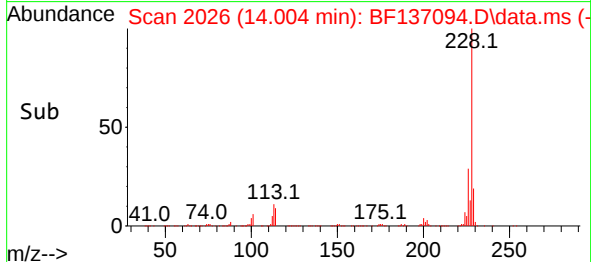
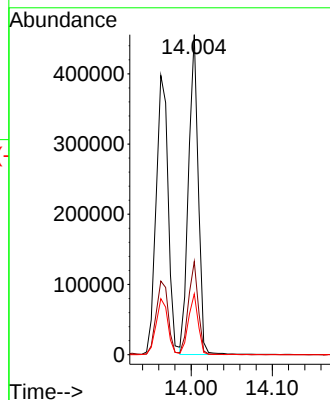
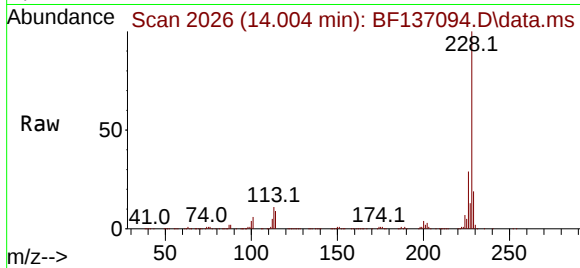
Tgt Ion:228 Resp: 378415

Ion Ratio Lower Upper

228 100

226 29.1 24.7 37.1

229 19.0 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.669 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF137094.D

Acq: 17 Jan 2024 15:30

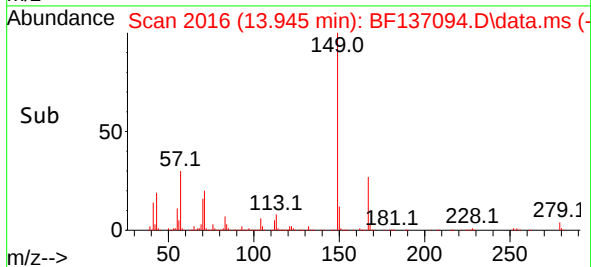
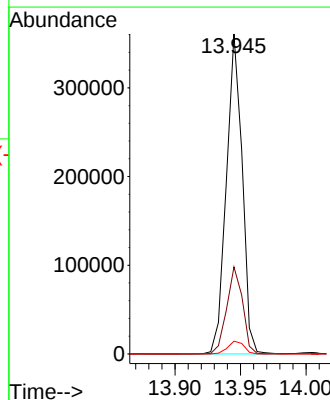
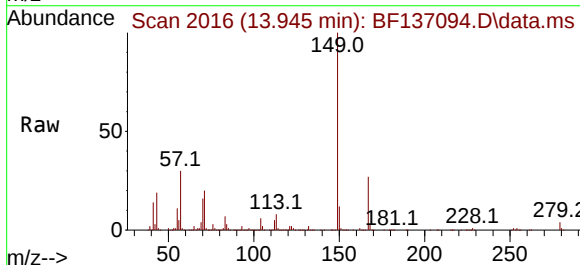
Tgt Ion:149 Resp: 301515

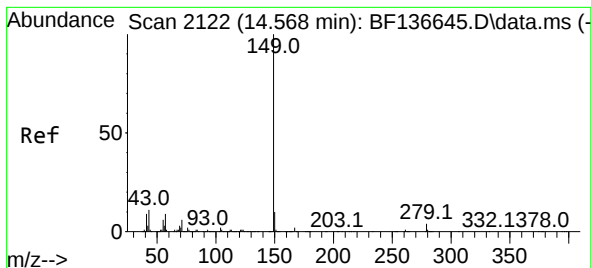
Ion Ratio Lower Upper

149 100

167 27.2 20.9 31.3

279 4.0 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 44.635 ng

RT: 14.563 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137094.D

Acq: 17 Jan 2024 15:30

Instrument :

BNA_F

ClientSampleId :

PB158472BS

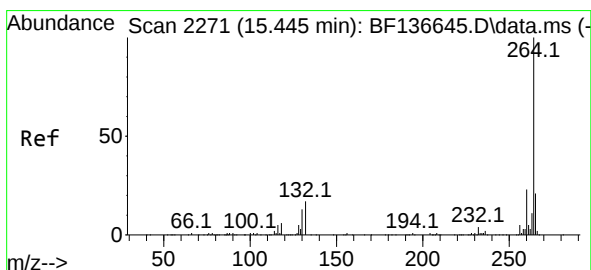
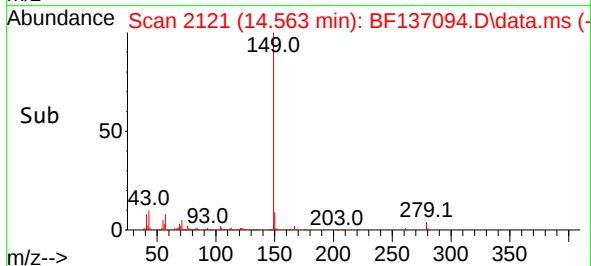
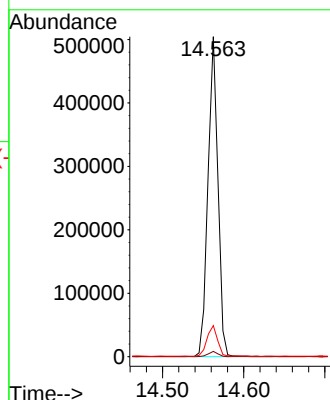
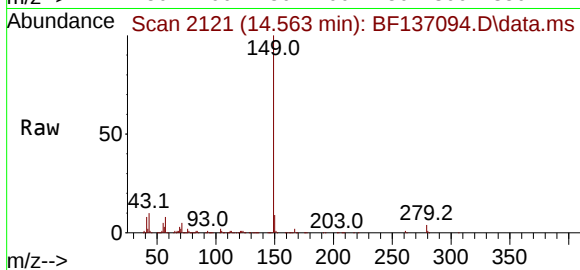
Tgt Ion:149 Resp: 427749

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.2 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: BF137094.D

Acq: 17 Jan 2024 15:30

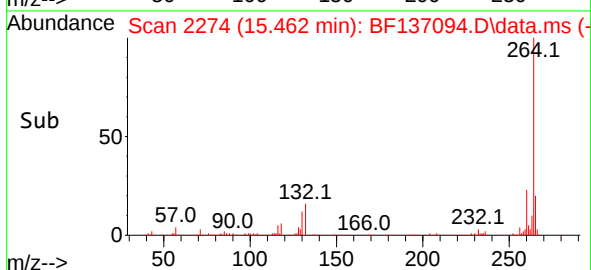
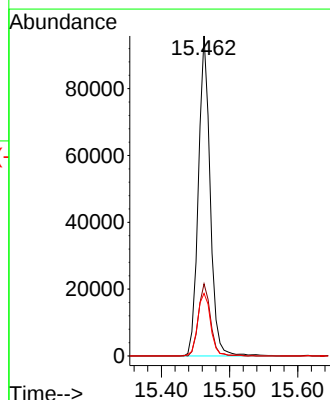
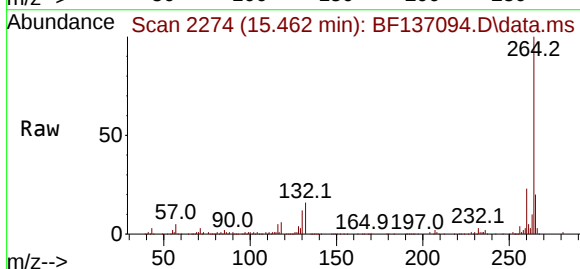
Tgt Ion:264 Resp: 114788

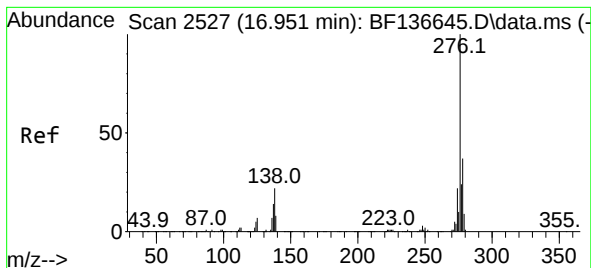
Ion Ratio Lower Upper

264 100

260 22.5 18.3 27.5

265 19.5 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.124 ng

RT: 16.998 min Scan# 21

Delta R.T. 0.047 min

Lab File: BF137094.D

Acq: 17 Jan 2024 15:30

Instrument :

BNA_F

ClientSampleId :

PB158472BS

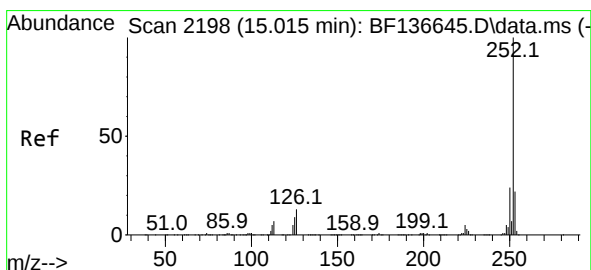
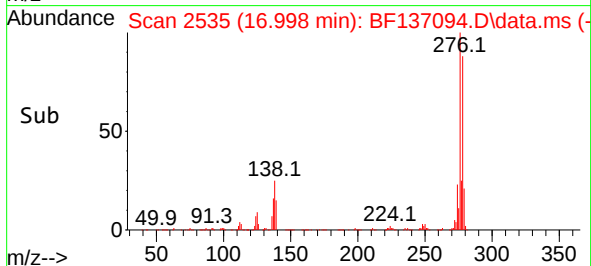
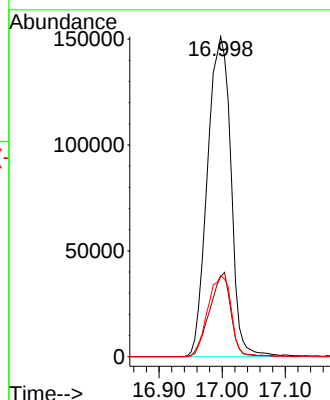
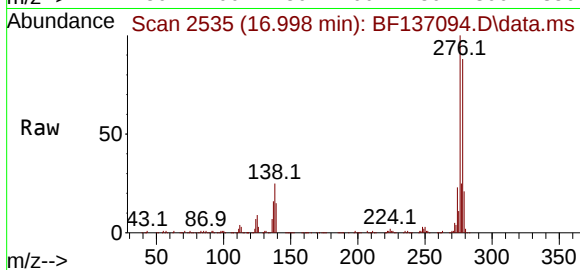
Tgt Ion:276 Resp: 390553

Ion Ratio Lower Upper

276 100

138 23.5 18.7 28.1

277 25.6 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 41.679 ng

RT: 15.027 min Scan# 2200

Delta R.T. 0.012 min

Lab File: BF137094.D

Acq: 17 Jan 2024 15:30

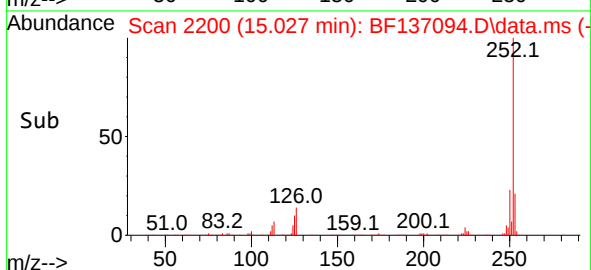
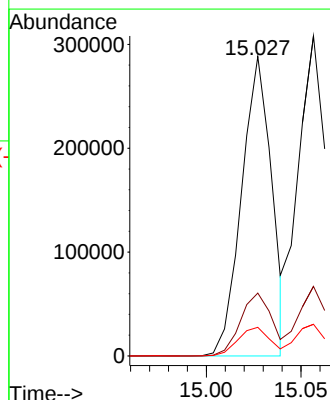
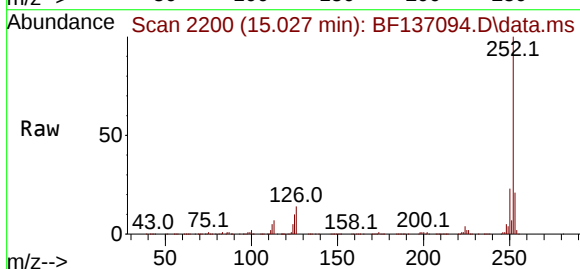
Tgt Ion:252 Resp: 319543

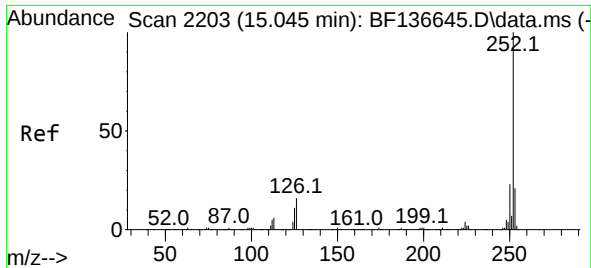
Ion Ratio Lower Upper

252 100

253 21.0 17.4 26.0

125 9.6 7.4 11.2

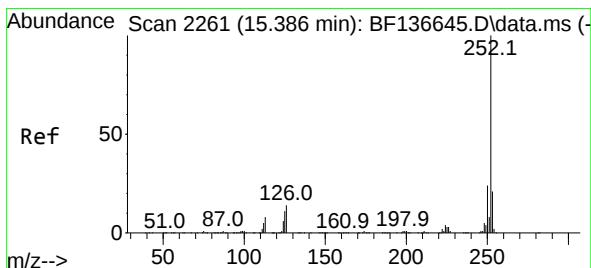
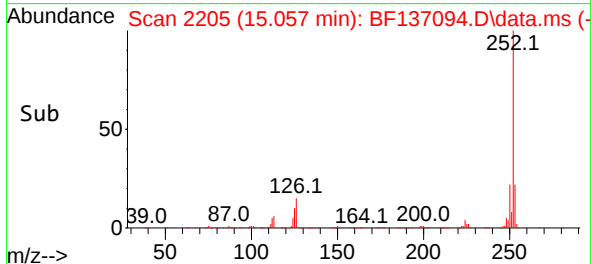
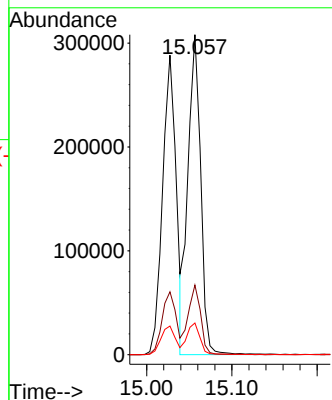
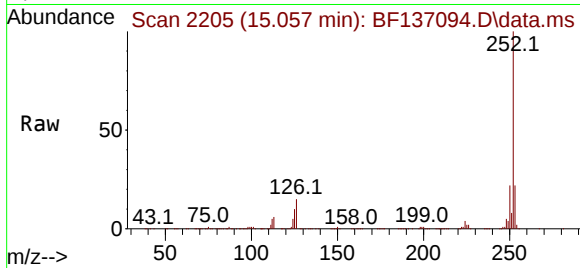




#89
Benzo(k)fluoranthene
Concen: 44.080 ng
RT: 15.057 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

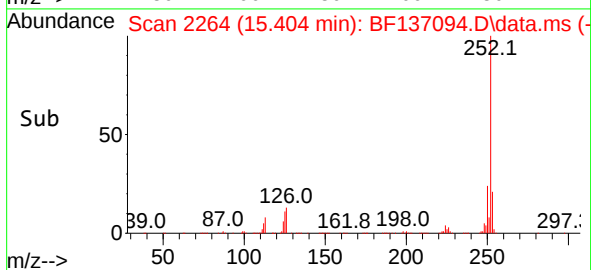
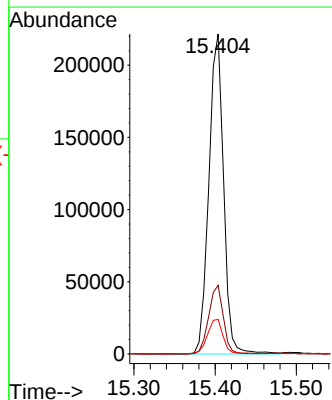
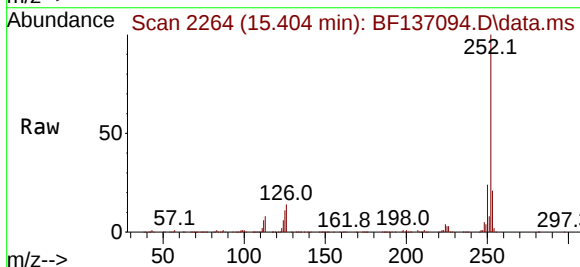
Instrument :
BNA_F
ClientSampleId :
PB158472BS

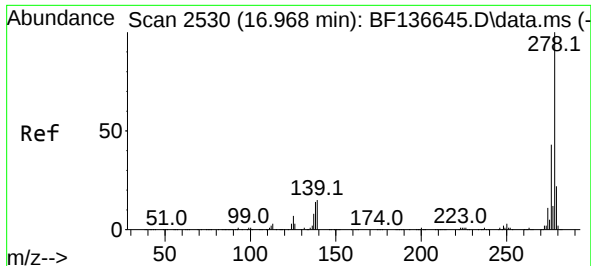
Tgt Ion:252 Resp: 319333
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 9.9 8.2 12.4



#90
Benzo(a)pyrene
Concen: 43.051 ng
RT: 15.404 min Scan# 2264
Delta R.T. 0.018 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

Tgt Ion:252 Resp: 278609
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 10.8 8.8 13.2

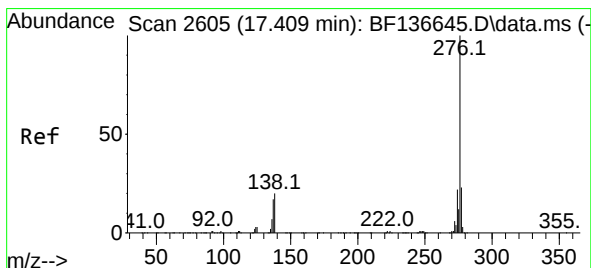
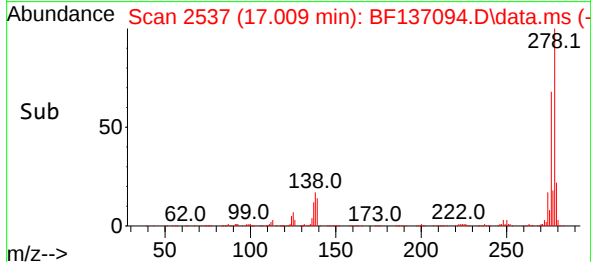
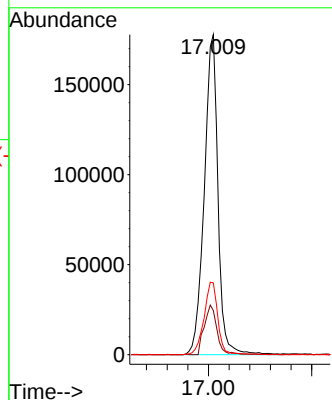
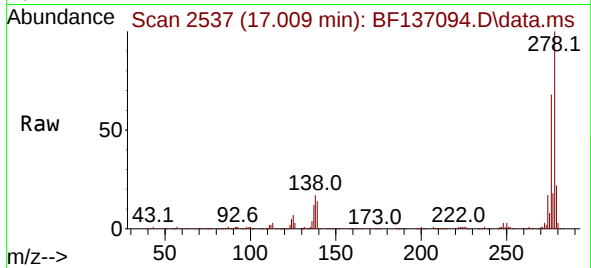




#91
Dibenzo(a,h)anthracene
Concen: 48.094 ng
RT: 17.009 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

Instrument :
BNA_F
ClientSampleId :
PB158472BS

Tgt Ion:278 Resp: 327008
Ion Ratio Lower Upper
278 100
139 13.8 12.2 18.4
279 22.5 17.8 26.6



#92
Benzo(g,h,i)perylene
Concen: 48.007 ng
RT: 17.456 min Scan# 2613
Delta R.T. 0.047 min
Lab File: BF137094.D
Acq: 17 Jan 2024 15:30

Tgt Ion:276 Resp: 334321
Ion Ratio Lower Upper
276 100
277 23.8 18.3 27.5
138 19.9 15.6 23.4

