

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020124\
 Data File : BF137237.D
 Acq On : 01 Feb 2024 17:53
 Operator : CG\JU
 Sample : P1307-15MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-614-COMP-03MSD

Quant Time: Feb 02 01:14:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	62905	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	244627	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	136609	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	234493	20.000	ng	0.00
76) Chrysene-d12	13.974	240	149302	20.000	ng	0.00
86) Perylene-d12	15.451	264	164541	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	401441	105.303	ng	0.02
7) Phenol-d6	6.434	99	554824	101.981	ng	0.00
23) Nitrobenzene-d5	7.357	82	375802	68.779	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	149549	96.934	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	633922	63.790	ng	0.00
79) Terphenyl-d14	12.916	244	574126	52.276	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	71834	35.216	ng	97
3) Pyridine	3.387	79	166457	40.793	ng	97
4) n-Nitrosodimethylamine	3.351	42	92023	44.739	ng	98
6) Aniline	6.457	93	139380	23.932	ng	93
8) 2-Chlorophenol	6.575	128	195255	45.807	ng	98
9) Benzaldehyde	6.345	77	74750	36.078	ng	96
10) Phenol	6.445	94	259182	42.680	ng	99
11) bis(2-Chloroethyl)ether	6.534	93	181656	44.761	ng	98
12) 1,3-Dichlorobenzene	6.734	146	213864	42.793	ng	97
13) 1,4-Dichlorobenzene	6.810	146	213753	41.356	ng	97
14) 1,2-Dichlorobenzene	6.957	146	206862	42.806	ng	98
15) Benzyl Alcohol	6.934	79	196301	50.788	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	288500	39.463	ng	99
17) 2-Methylphenol	7.045	107	163594	45.939	ng	98
18) Hexachloroethane	7.298	117	78668	42.201	ng	90
19) n-Nitroso-di-n-propyla...	7.210	70	158852	42.585	ng	96
20) 3+4-Methylphenols	7.198	107	203118	45.057	ng	97
22) Acetophenone	7.204	105	290552	44.118	ng	# 99
24) Nitrobenzene	7.375	77	234284	44.178	ng	95
25) Isophorone	7.610	82	430517	42.688	ng	98
26) 2-Nitrophenol	7.686	139	97559	47.542	ng	92
27) 2,4-Dimethylphenol	7.728	122	136316	47.288	ng	98
28) bis(2-Chloroethoxy)met...	7.828	93	237049	44.261	ng	99
29) 2,4-Dichlorophenol	7.928	162	164187	45.913	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	189570	42.677	ng	99
31) Naphthalene	8.092	128	570586	43.145	ng	100
32) Benzoic acid	7.857	122	107132	51.843	ng	97
33) 4-Chloroaniline	8.145	127	30863	6.784	ng	96
34) Hexachlorobutadiene	8.210	225	126051	42.678	ng	97
35) Caprolactam	8.516	113	34709	31.214	ng	95
36) 4-Chloro-3-methylphenol	8.628	107	188705	44.677	ng	95
37) 2-Methylnaphthalene	8.786	142	379143	42.763	ng	98
38) 1-Methylnaphthalene	8.880	142	352690	42.828	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	202801	44.366	ng	98
41) Hexachlorocyclopentadiene	8.939	237	222994	102.426	ng	100
43) 2,4,6-Trichlorophenol	9.063	196	126305	48.716	ng	95

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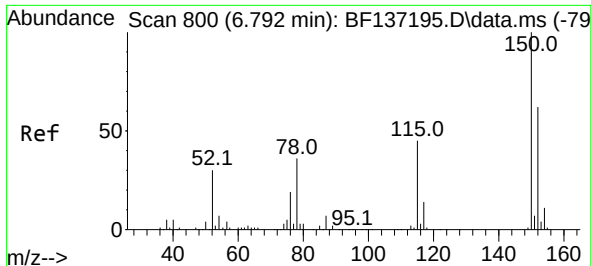
Quant Time: Feb 02 01:14:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	129579	45.723	ng	96
46) 1,1'-Biphenyl	9.251	154	475105	43.712	ng	99
47) 2-Chloronaphthalene	9.275	162	353571	43.956	ng	100
48) 2-Nitroaniline	9.375	65	122241	46.954	ng	98
49) Acenaphthylene	9.692	152	561363	43.594	ng	99
50) Dimethylphthalate	9.557	163	415414	45.012	ng	99
51) 2,6-Dinitrotoluene	9.616	165	94598	48.069	ng	96
52) Acenaphthene	9.863	154	334828	44.241	ng	99
53) 3-Nitroaniline	9.786	138	37470	21.157	ng	98
54) 2,4-Dinitrophenol	9.892	184	89285	98.748	ng	# 81
55) Dibenzofuran	10.033	168	517391	42.970	ng	98
56) 4-Nitrophenol	9.951	139	117700	90.629	ng	97
57) 2,4-Dinitrotoluene	10.022	165	119436	46.773	ng	90
58) Fluorene	10.380	166	400727	42.452	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.110	232	118426	44.911	ng	96
60) Diethylphthalate	10.257	149	408568	44.961	ng	99
61) 4-Chlorophenyl-phenyle...	10.374	204	202681	43.197	ng	98
62) 4-Nitroaniline	10.404	138	72147	42.560	ng	97
63) Azobenzene	10.533	77	423567	42.087	ng	97
65) 4,6-Dinitro-2-methylph...	10.427	198	62333	49.934	ng	79
66) n-Nitrosodiphenylamine	10.492	169	346827	48.644	ng	98
67) 4-Bromophenyl-phenylether	10.863	248	128226	49.730	ng	# 92
68) Hexachlorobenzene	10.922	284	137278	47.665	ng	98
69) Atrazine	11.027	200	115666	49.142	ng	98
70) Pentachlorophenol	11.121	266	156018	94.501	ng	98
71) Phenanthrene	11.345	178	567755	46.249	ng	99
72) Anthracene	11.398	178	564296	44.102	ng	98
73) Carbazole	11.551	167	443344	41.460	ng	99
74) Di-n-butylphthalate	11.892	149	559861	48.434	ng	99
75) Fluoranthene	12.533	202	566802	44.124	ng	99
77) Benzidine	12.668	184	136304	50.984	ng	99
78) Pyrene	12.763	202	556792	38.806	ng	98
80) Butylbenzylphthalate	13.398	149	198088	53.969	ng	94
81) Benzo(a)anthracene	13.962	228	495147	46.828	ng	100
82) 3,3'-Dichlorobenzidine	13.927	252	95203	33.048	ng	98
83) Chrysene	13.998	228	485593	46.713	ng	100
84) Bis(2-ethylhexyl)phtha...	13.962	149	270556	63.360	ng	98
85) Di-n-octyl phthalate	14.586	149	494046	72.764	ng	98
87) Indeno(1,2,3-cd)pyrene	16.945	276	400904	34.680	ng	99
88) Benzo(b)fluoranthene	15.021	252	505164	49.922	ng	99
89) Benzo(k)fluoranthene	15.051	252	469311	43.841	ng	98
90) Benzo(a)pyrene	15.392	252	434447	45.622	ng	98
91) Dibenzo(a,h)anthracene	16.974	278	313940	33.893	ng	97
92) Benzo(g,h,i)perylene	17.398	276	296271	32.589	ng	100

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

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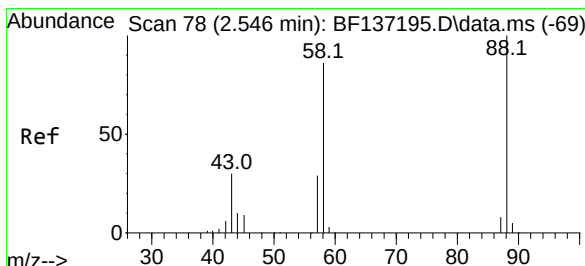
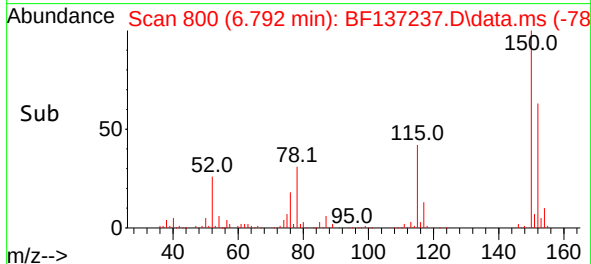
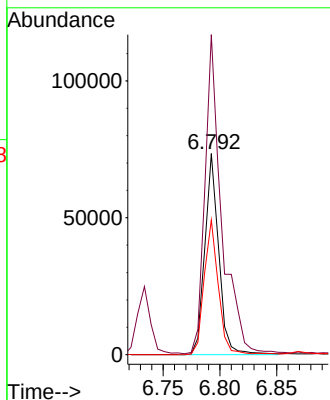
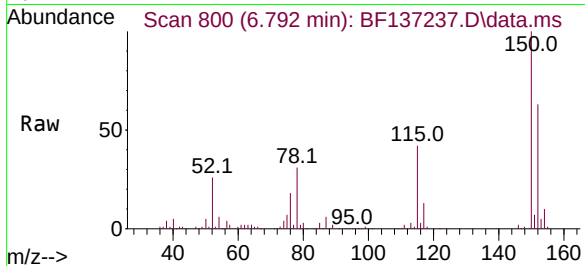




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF137237.D
 Acq: 01 Feb 2024 17:53

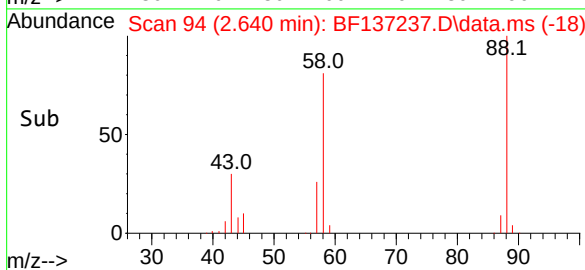
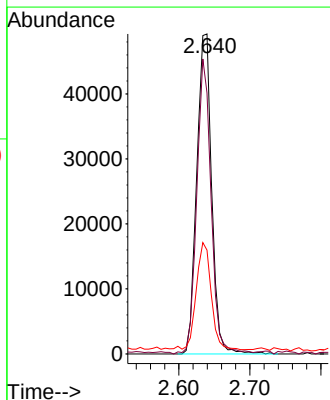
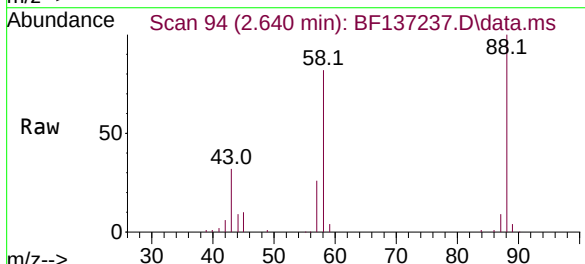
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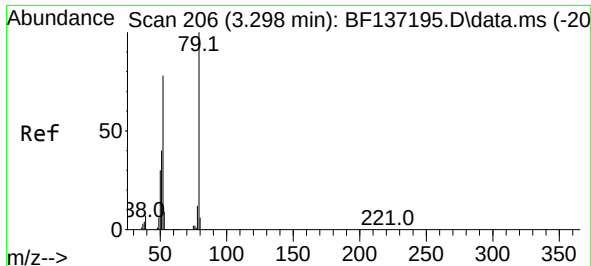
Tgt Ion:152 Resp: 62905
 Ion Ratio Lower Upper
 152 100
 150 159.2 129.8 194.8
 115 67.0 58.5 87.7



#2
 1,4-Dioxane
 Concen: 35.216 ng
 RT: 2.640 min Scan# 94
 Delta R.T. 0.094 min
 Lab File: BF137237.D
 Acq: 01 Feb 2024 17:53

Tgt Ion: 88 Resp: 71834
 Ion Ratio Lower Upper
 88 100
 58 88.4 67.8 101.8
 43 33.4 26.6 40.0

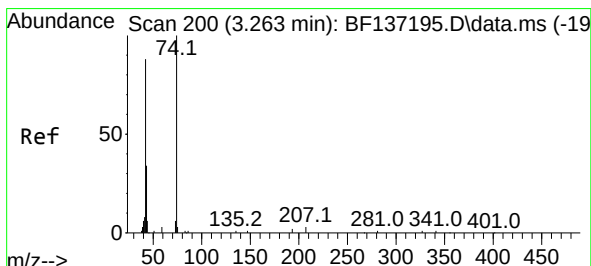
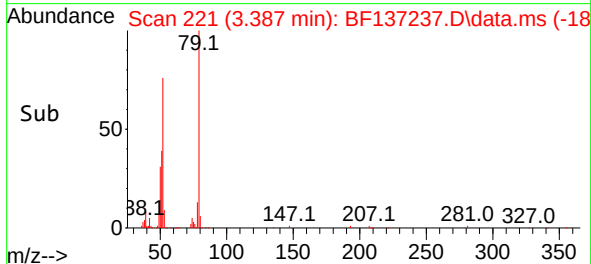
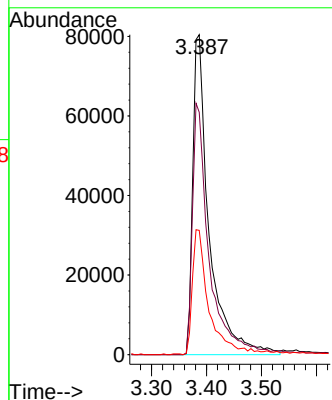
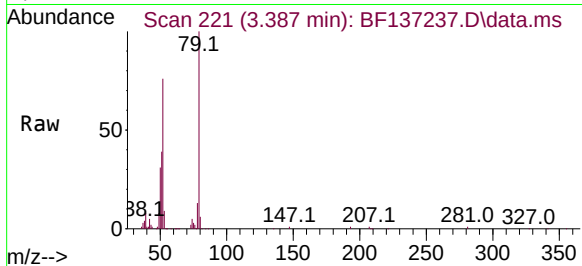




#3
 Pyridine
 Concen: 40.793 ng
 RT: 3.387 min Scan# 211
 Delta R.T. 0.089 min
 Lab File: BF137237.D
 Acq: 01 Feb 2024 17:53

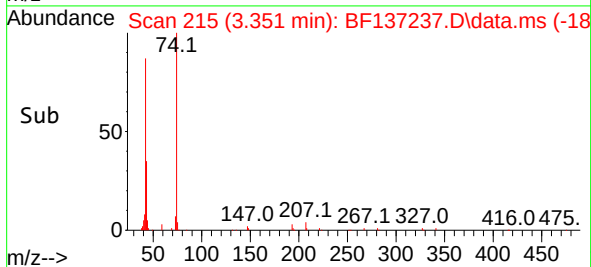
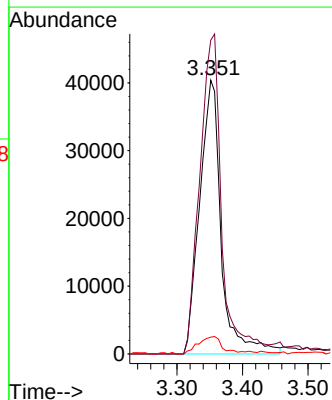
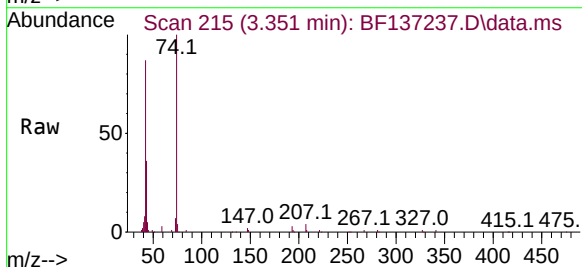
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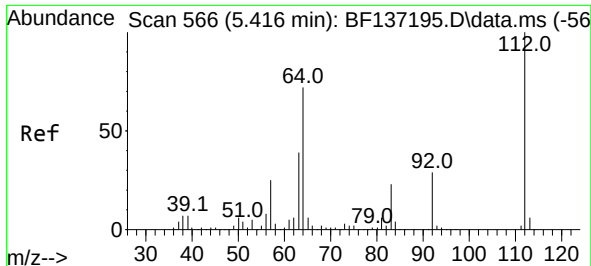
Tgt Ion: 79 Resp: 166457
 Ion Ratio Lower Upper
 79 100
 52 75.7 62.6 94.0
 51 38.8 33.0 49.4



#4
 n-Nitrosodimethylamine
 Concen: 44.739 ng
 RT: 3.351 min Scan# 215
 Delta R.T. 0.088 min
 Lab File: BF137237.D
 Acq: 01 Feb 2024 17:53

Tgt Ion: 42 Resp: 92023
 Ion Ratio Lower Upper
 42 100
 74 114.7 90.5 135.7
 44 6.1 6.1 9.1

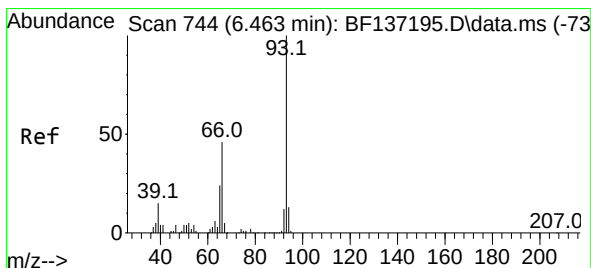
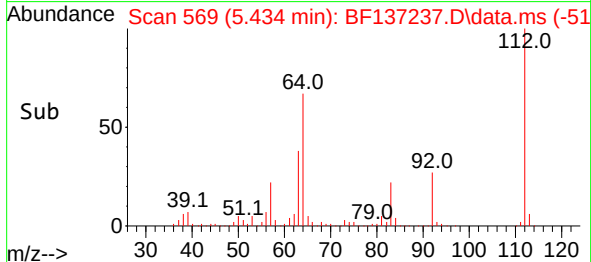
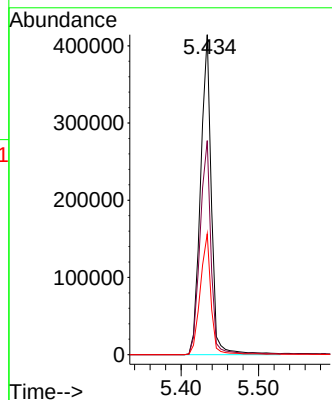
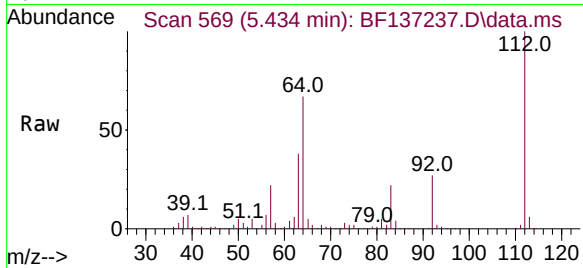




#5
2-Fluorophenol
Concen: 105.303 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

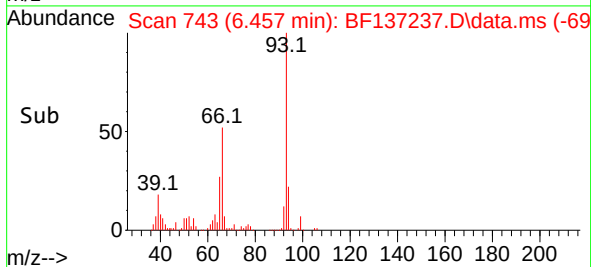
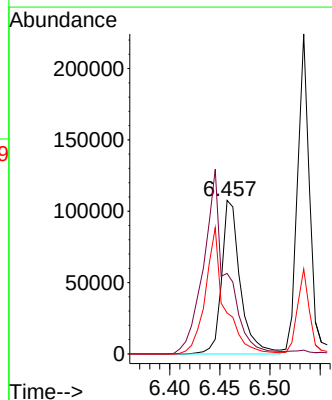
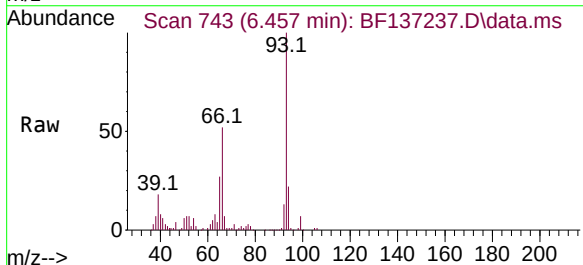
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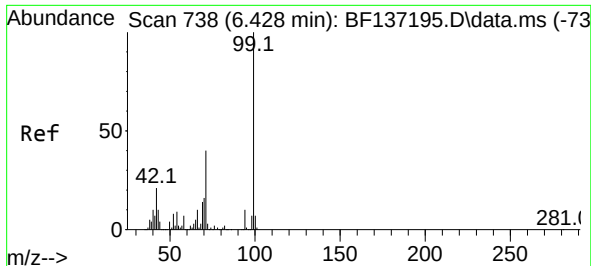
Tgt Ion:112 Resp: 401441
Ion Ratio Lower Upper
112 100
64 66.9 57.8 86.6
63 37.7 31.4 47.0



#6
Aniline
Concen: 23.932 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

Tgt Ion: 93 Resp: 139380
Ion Ratio Lower Upper
93 100
66 52.4 37.9 56.9
65 26.6 19.0 28.4

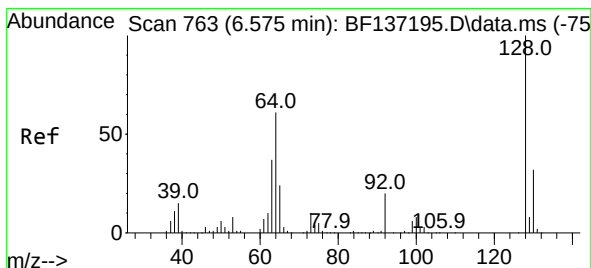
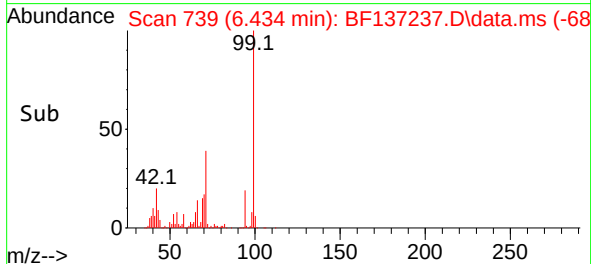
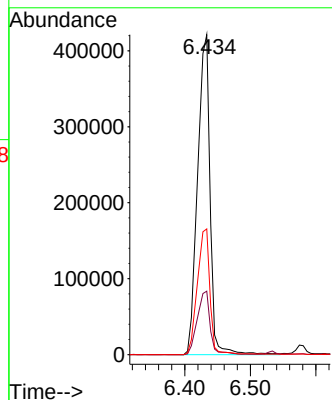
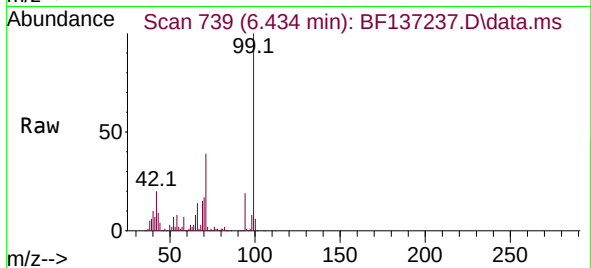




#7
Phenol-d6
Concen: 101.981 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.006 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

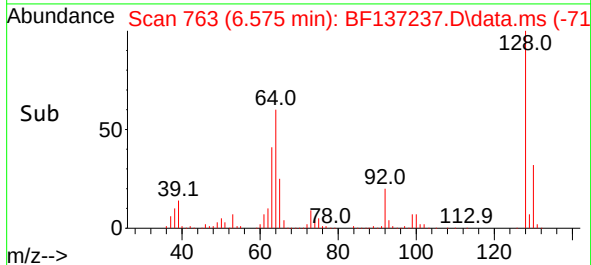
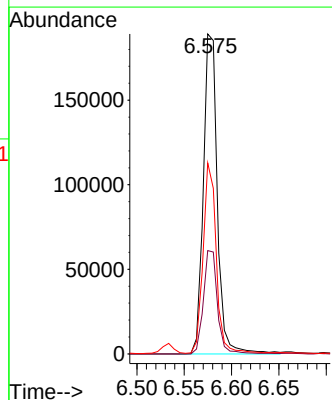
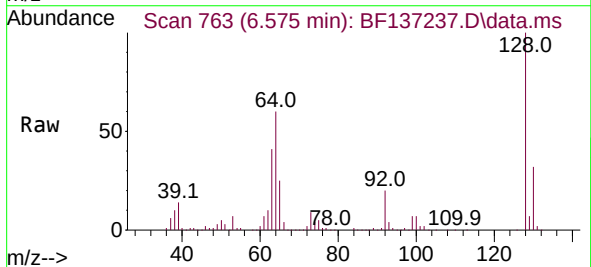
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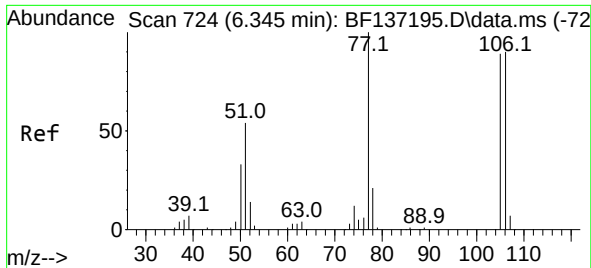
Tgt Ion: 99 Resp: 554824
Ion Ratio Lower Upper
99 100
42 19.8 16.4 24.6
71 39.3 32.4 48.6



#8
2-Chlorophenol
Concen: 45.807 ng
RT: 6.575 min Scan# 763
Delta R.T. 0.000 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

Tgt Ion: 128 Resp: 195255
Ion Ratio Lower Upper
128 100
130 32.3 12.4 52.4
64 59.7 41.6 81.6





#9

Benzaldehyde

Concen: 36.078 ng

RT: 6.345 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF137237.D

Acq: 01 Feb 2024 17:53

Instrument :

BNA_F

ClientSampleId :

TR-614-COMP-03MSD

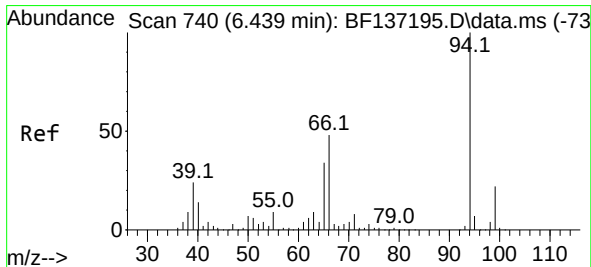
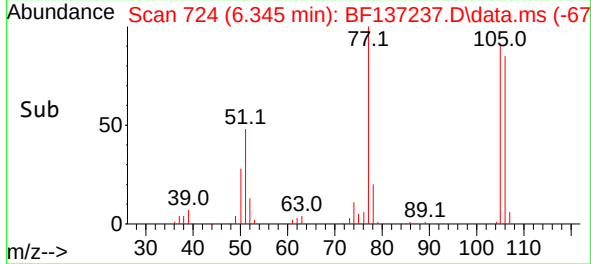
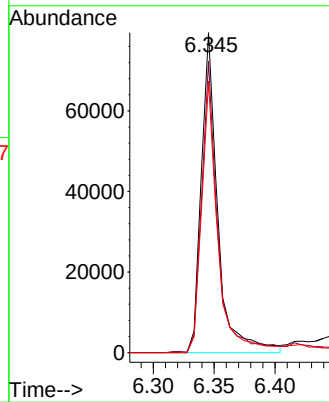
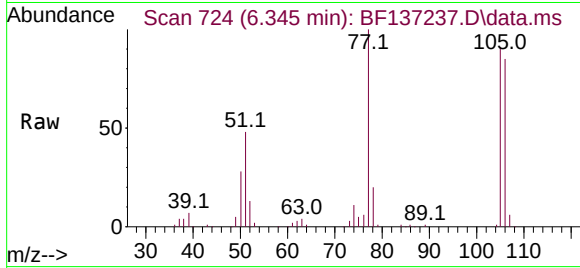
Tgt Ion: 77 Resp: 74750

Ion Ratio Lower Upper

77 100

105 91.0 69.1 109.1

106 84.8 69.6 109.6



#10

Phenol

Concen: 42.680 ng

RT: 6.445 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF137237.D

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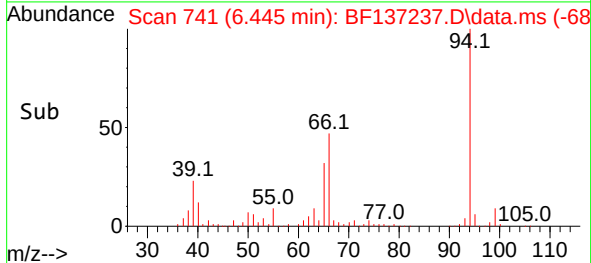
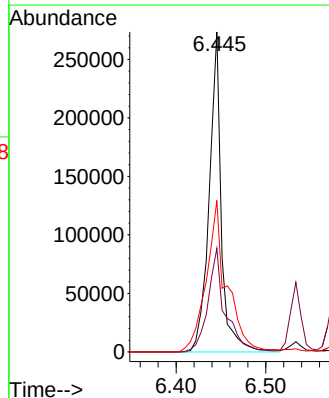
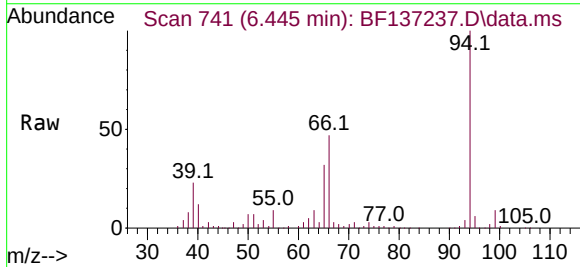
Tgt Ion: 94 Resp: 259182

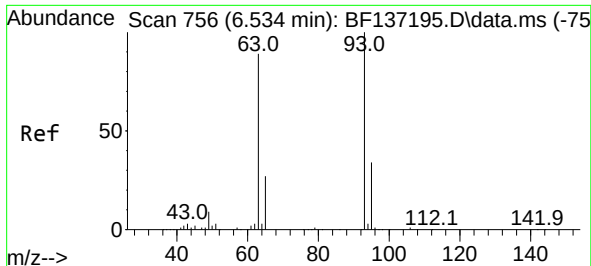
Ion Ratio Lower Upper

94 100

65 32.3 13.7 53.7

66 47.3 27.8 67.8

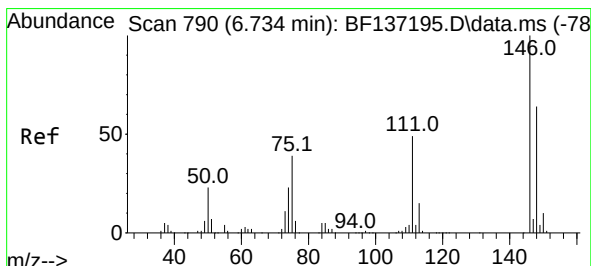
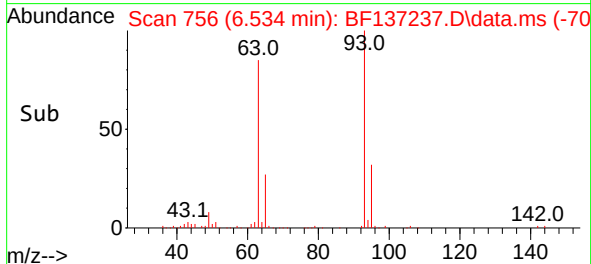
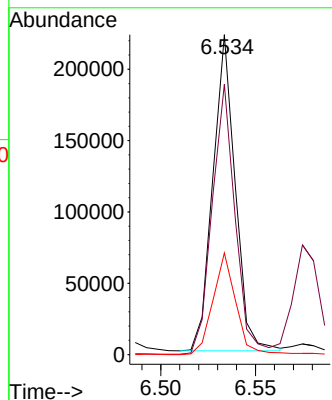
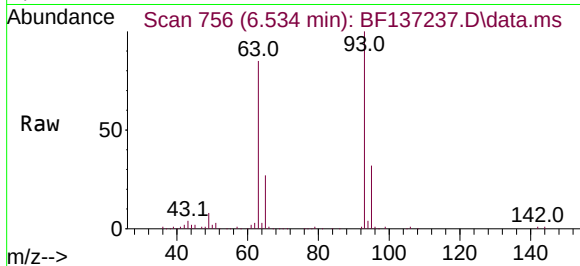




#11
bis(2-Chloroethyl)ether
Concen: 44.761 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

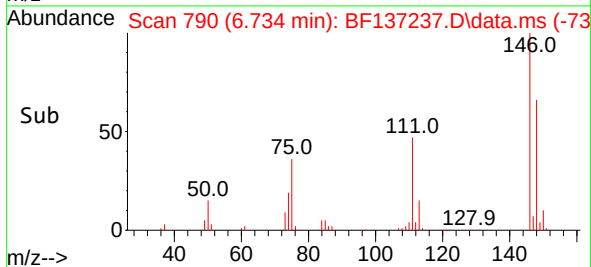
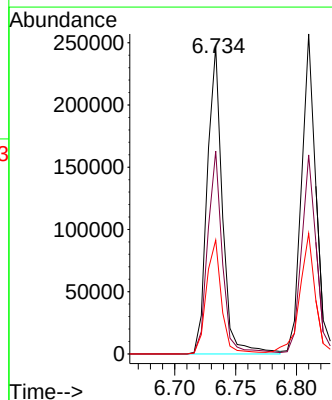
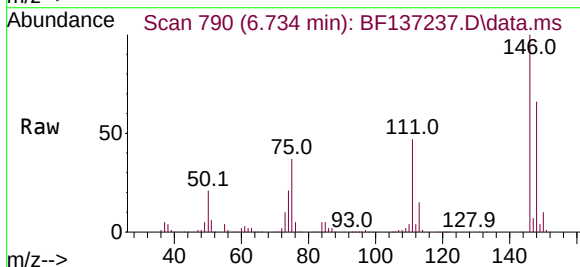
Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-03MSD

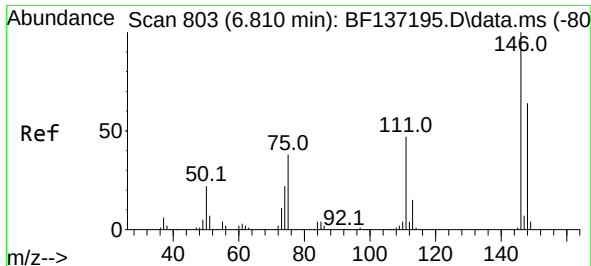
Tgt Ion: 93 Resp: 181656
Ion Ratio Lower Upper
93 100
63 84.5 66.7 106.7
95 31.8 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 42.793 ng
RT: 6.734 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

Tgt Ion: 146 Resp: 213864
Ion Ratio Lower Upper
146 100
148 65.9 51.4 77.0
75 37.0 31.3 46.9





#13

1,4-Dichlorobenzene

Concen: 41.356 ng

RT: 6.810 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF137237.D

Acq: 01 Feb 2024 17:53

Instrument :

BNA_F

ClientSampleId :

TR-614-COMP-03MSD

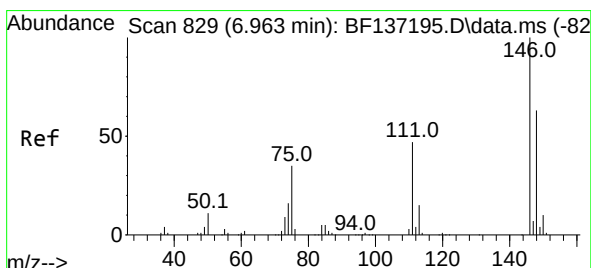
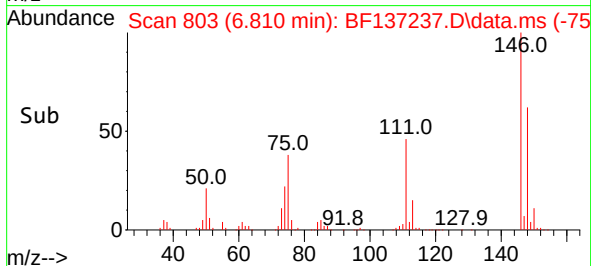
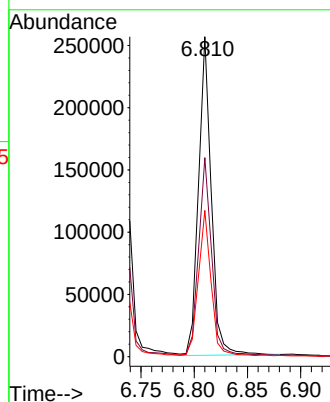
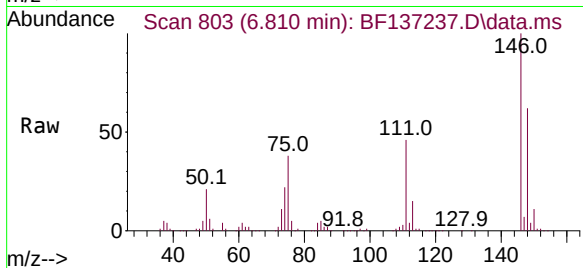
Tgt Ion:146 Resp: 213753

Ion Ratio Lower Upper

146 100

148 62.2 51.5 77.3

111 45.7 38.1 57.1



#14

1,2-Dichlorobenzene

Concen: 42.806 ng

RT: 6.957 min Scan# 828

Delta R.T. -0.006 min

Lab File: BF137237.D

Acq: 01 Feb 2024 17:53

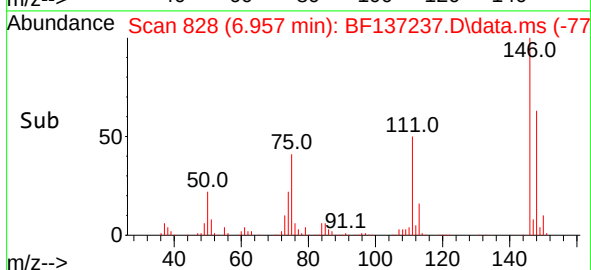
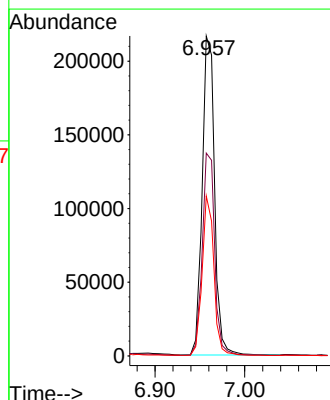
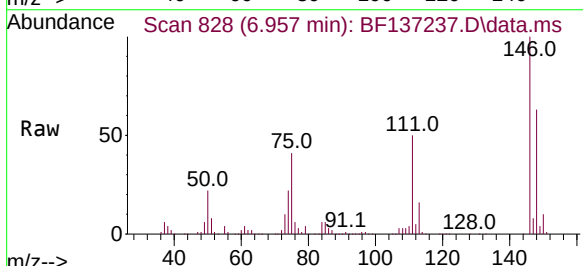
Tgt Ion:146 Resp: 206862

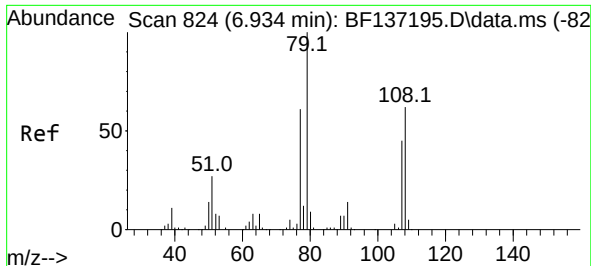
Ion Ratio Lower Upper

146 100

148 63.4 50.6 75.8

111 50.0 37.3 55.9

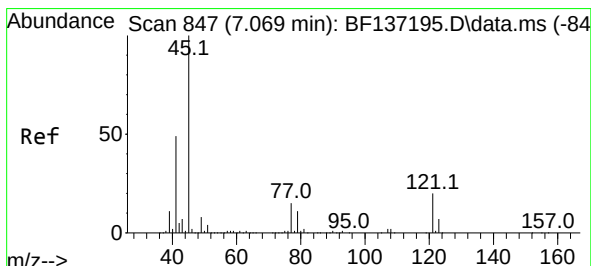
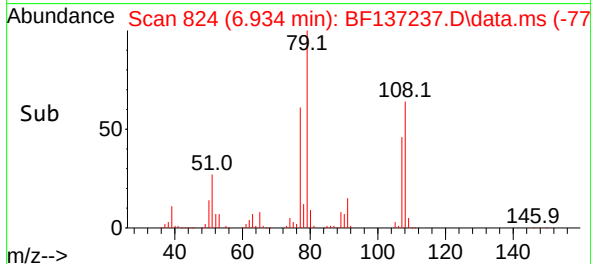
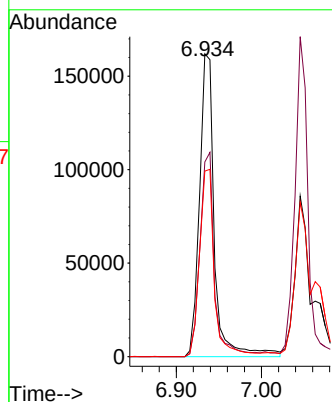
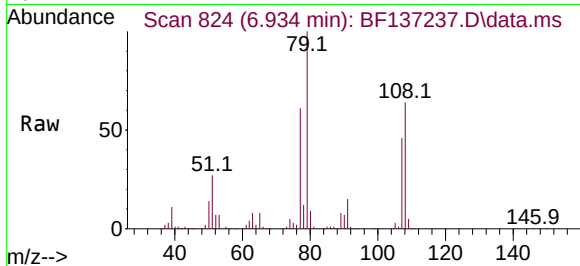




#15
Benzyl Alcohol
Concen: 50.788 ng
RT: 6.934 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

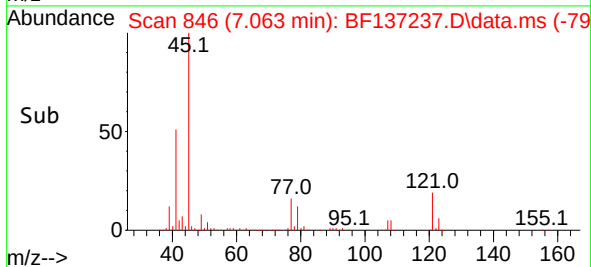
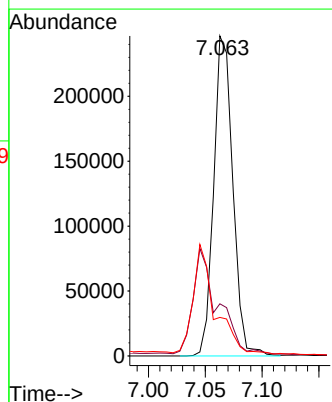
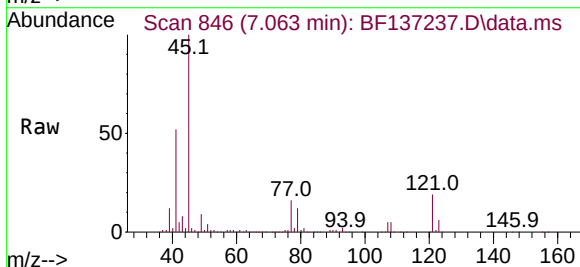
Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-03MSD

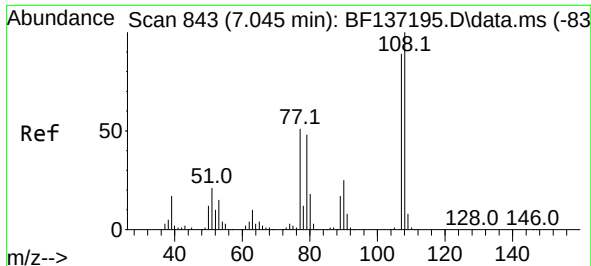
Tgt Ion: 79 Resp: 196301
Ion Ratio Lower Upper
79 100
108 64.3 49.3 73.9
77 61.3 48.8 73.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.463 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

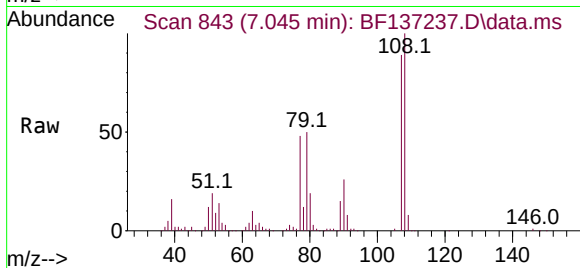
Tgt Ion: 45 Resp: 288500
Ion Ratio Lower Upper
45 100
77 16.3 0.0 35.9
79 12.0 0.0 32.4



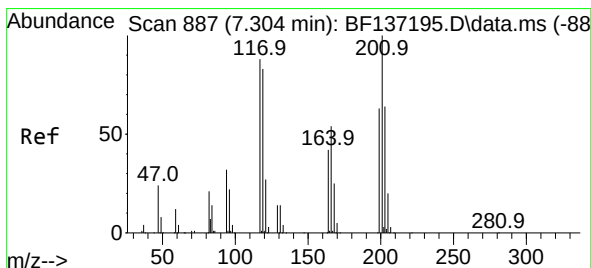
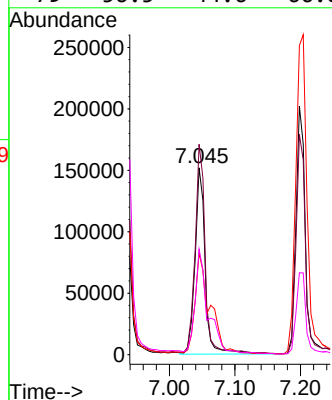
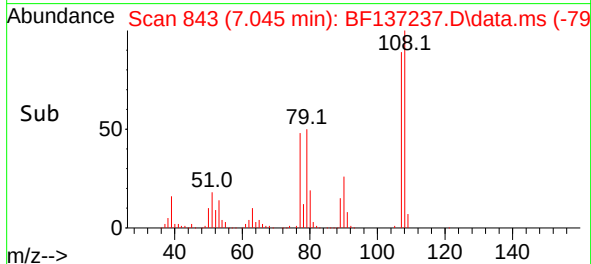


#17
2-Methylphenol
Concen: 45.939 ng
RT: 7.045 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-03MSD

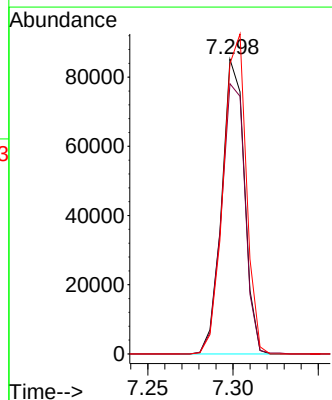
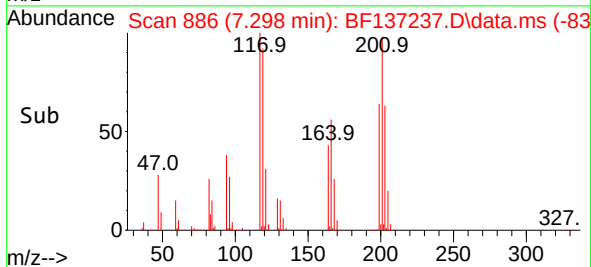
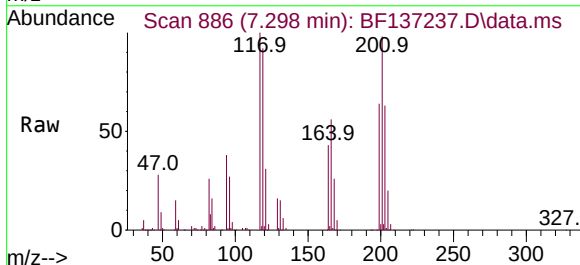


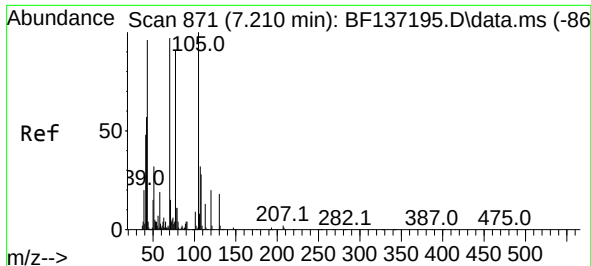
Tgt Ion:107 Resp: 163594
Ion Ratio Lower Upper
107 100
108 112.6 89.9 134.9
77 54.4 46.6 69.8
79 56.5 44.6 66.8



#18
Hexachloroethane
Concen: 42.201 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

Tgt Ion:117 Resp: 78668
Ion Ratio Lower Upper
117 100
119 91.7 76.2 114.4
201 98.5 91.4 137.0

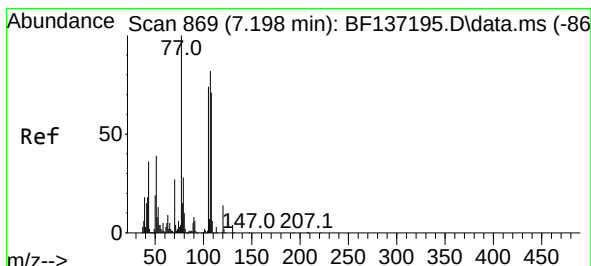
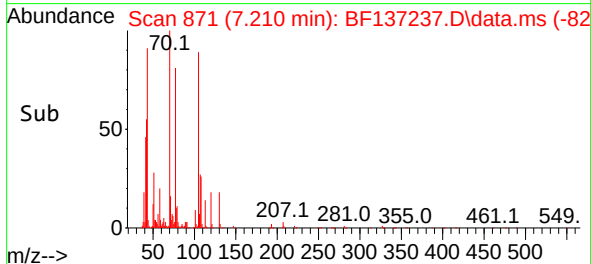
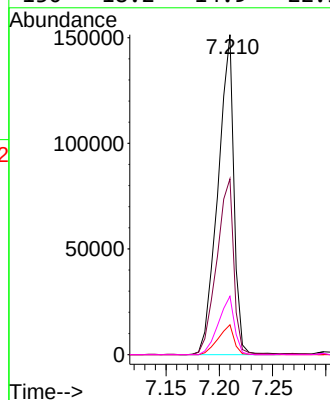
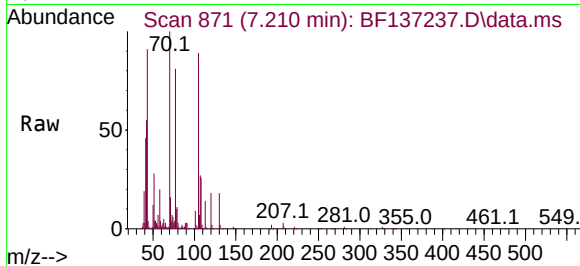




#19
n-Nitroso-di-n-propylamine
Concen: 42.585 ng
RT: 7.210 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

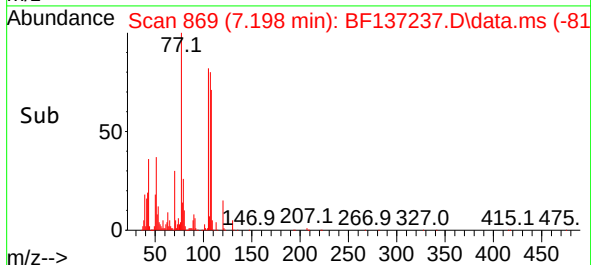
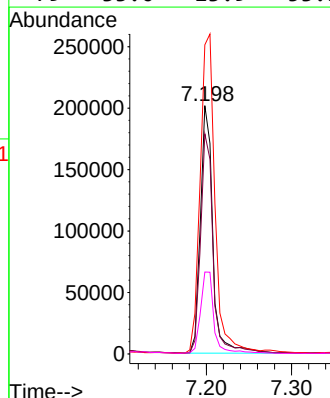
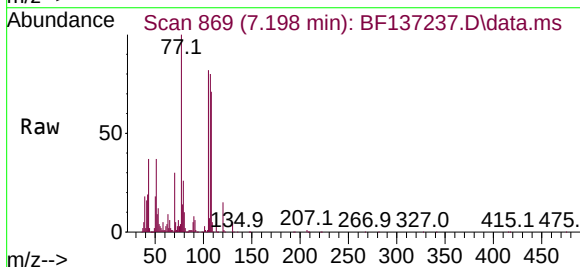
Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-03MSD

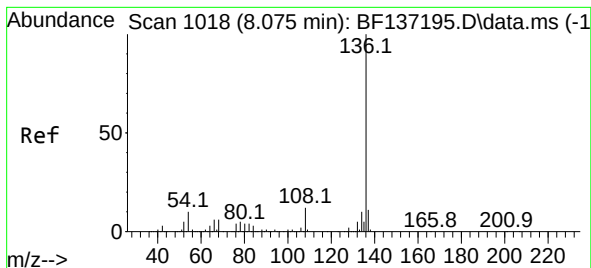
Tgt Ion: 70 Resp: 158852
Ion Ratio Lower Upper
70 100
42 54.9 47.2 70.8
101 9.3 7.4 11.0
130 18.2 14.9 22.3



#20
3+4-Methylphenols
Concen: 45.057 ng
RT: 7.198 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

Tgt Ion: 107 Resp: 203118
Ion Ratio Lower Upper
107 100
108 88.7 66.3 106.3
77 124.5 101.4 141.4
79 33.0 13.9 53.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF137237.D

Acq: 01 Feb 2024 17:53

Instrument :

BNA_F

ClientSampleId :

TR-614-COMP-03MSD

Tgt Ion:136 Resp: 244627

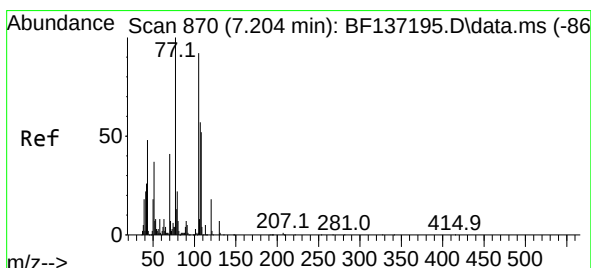
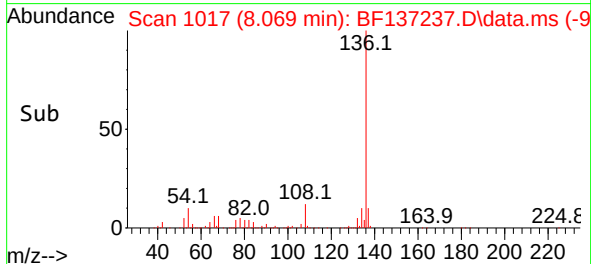
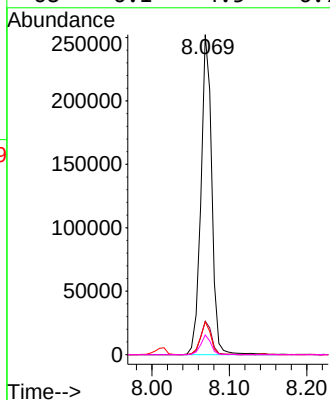
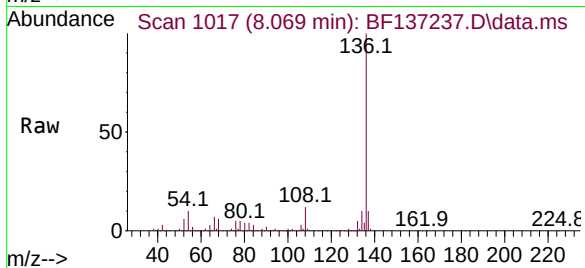
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 10.3 7.8 11.8

68 6.1 4.5 6.7



#22

Acetophenone

Concen: 44.118 ng

RT: 7.204 min Scan# 870

Delta R.T. 0.000 min

Lab File: BF137237.D

Acq: 01 Feb 2024 17:53

Tgt Ion:105 Resp: 290552

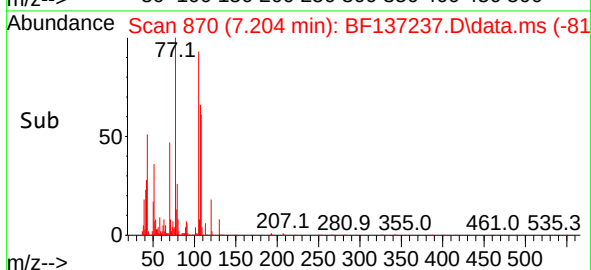
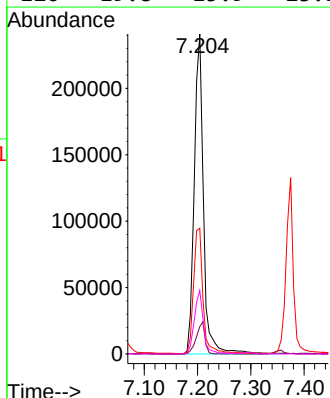
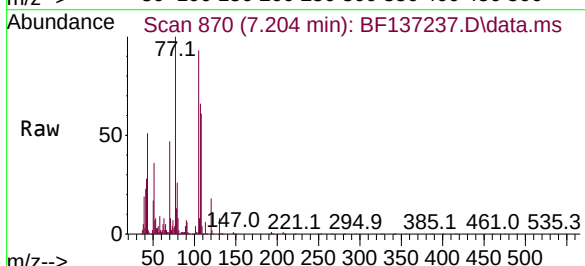
Ion Ratio Lower Upper

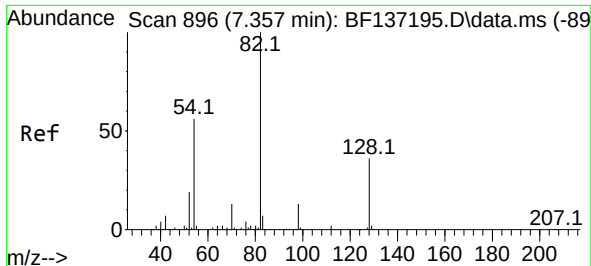
105 100

71 8.6 5.7 8.5#

51 39.3 32.2 48.4

120 19.8 15.9 23.9

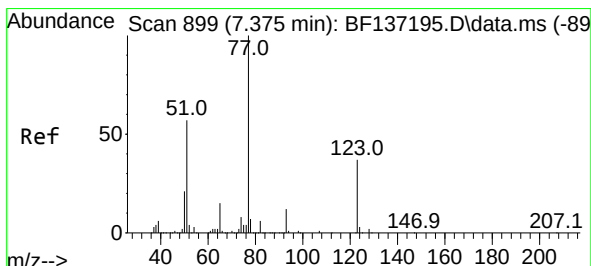
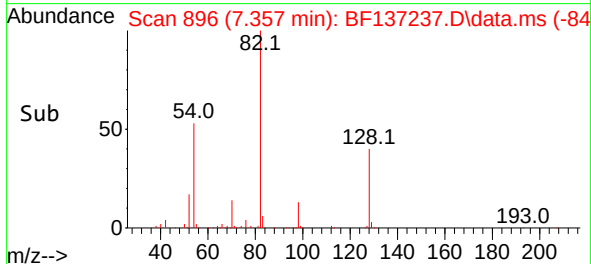
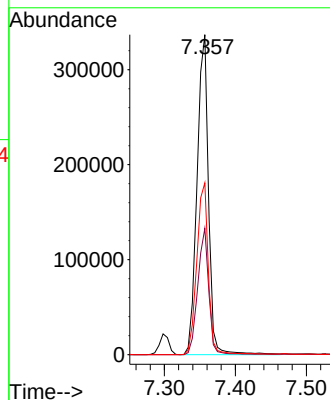
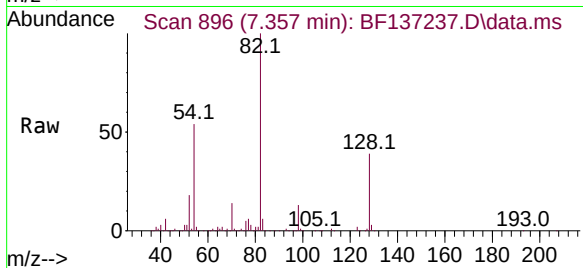




#23
Nitrobenzene-d5
Concen: 68.779 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

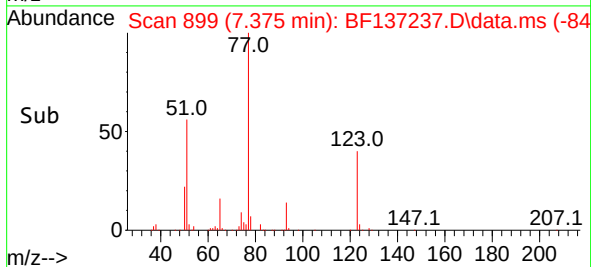
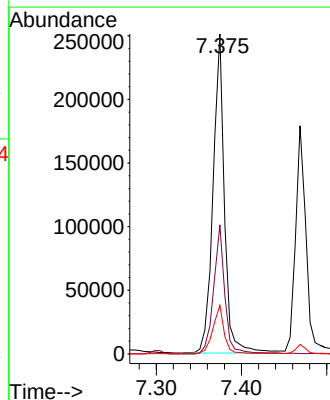
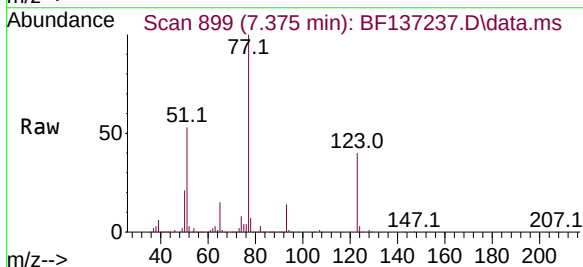
Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-03MSD

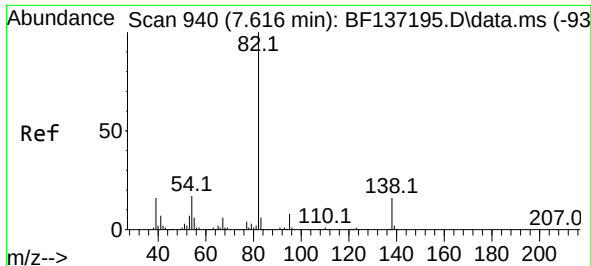
Tgt Ion: 82 Resp: 375802
Ion Ratio Lower Upper
82 100
128 39.5 29.1 43.7
54 53.7 45.0 67.6



#24
Nitrobenzene
Concen: 44.178 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

Tgt Ion: 77 Resp: 234284
Ion Ratio Lower Upper
77 100
123 40.3 29.3 43.9
65 15.2 12.0 18.0

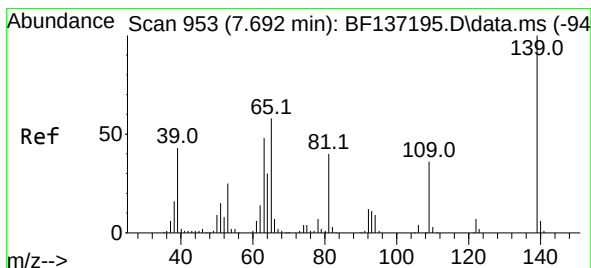
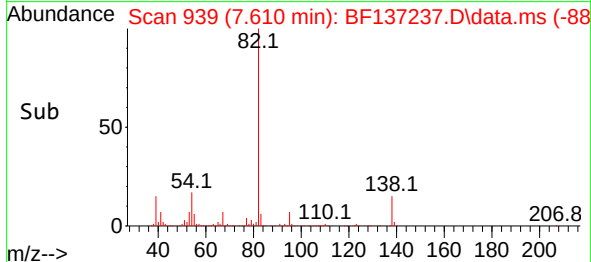
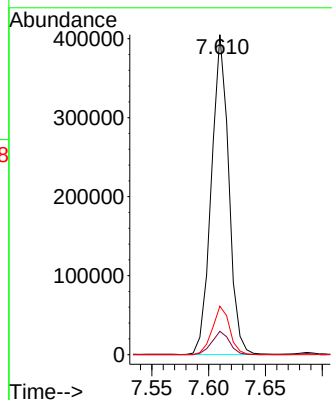
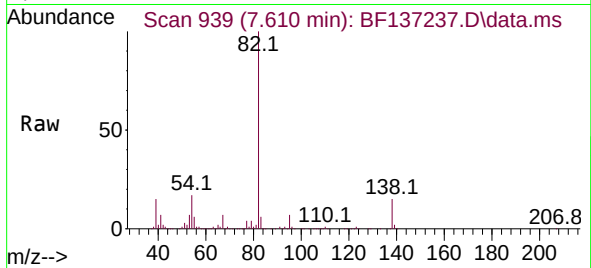




#25
Isophorone
Concen: 42.688 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

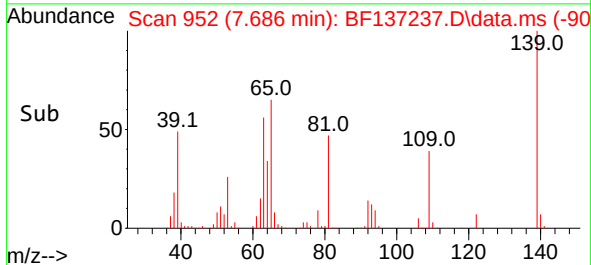
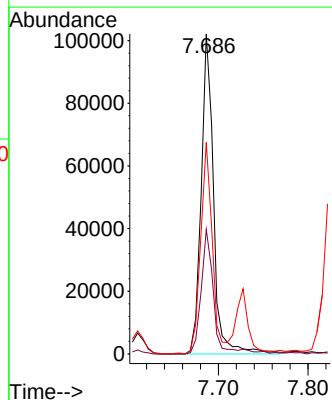
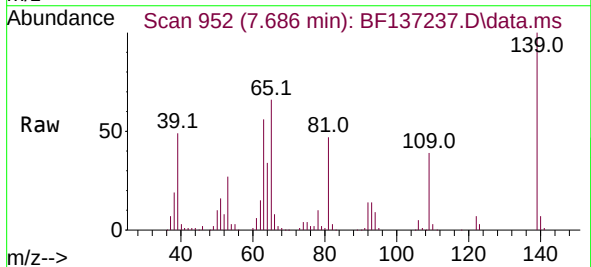
Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-03MSD

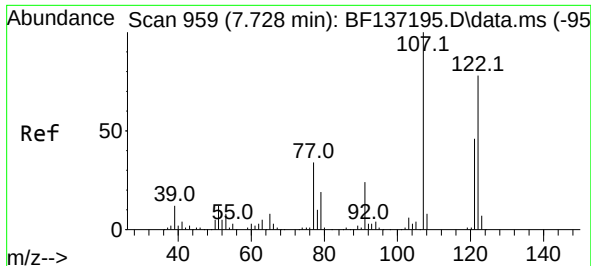
Tgt Ion: 82 Resp: 430517
Ion Ratio Lower Upper
82 100
95 7.3 6.4 9.6
138 15.1 12.7 19.1



#26
2-Nitrophenol
Concen: 47.542 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

Tgt Ion:139 Resp: 97559
Ion Ratio Lower Upper
139 100
109 38.9 28.5 42.7
65 66.1 46.7 70.1





#27

2,4-Dimethylphenol

Concen: 47.288 ng

RT: 7.728 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF137237.D

Acq: 01 Feb 2024 17:53

Instrument :

BNA_F

ClientSampleId :

TR-614-COMP-03MSD

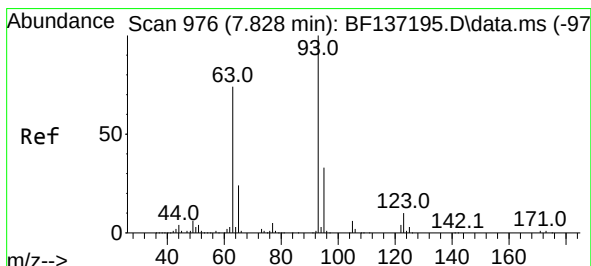
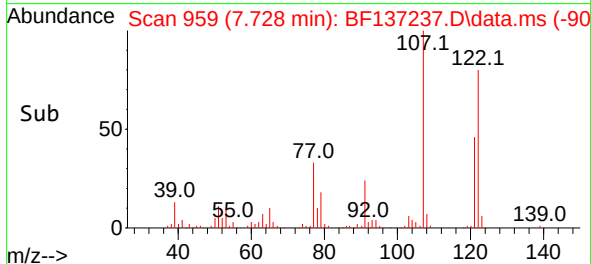
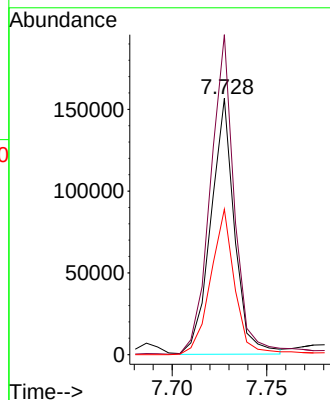
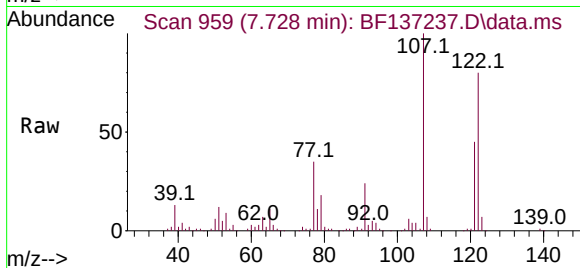
Tgt Ion:122 Resp: 136316

Ion Ratio Lower Upper

122 100

107 124.9 101.8 152.6

121 56.7 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 44.261 ng

RT: 7.828 min Scan# 976

Delta R.T. 0.000 min

Lab File: BF137237.D

Acq: 01 Feb 2024 17:53

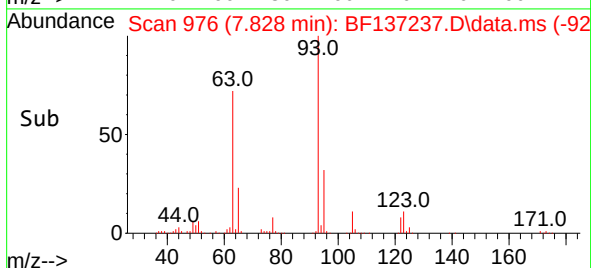
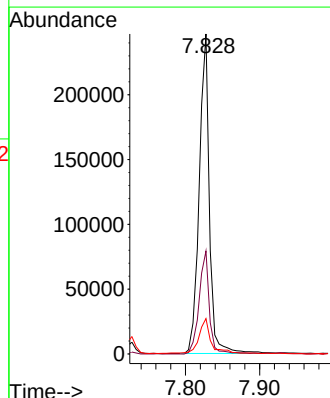
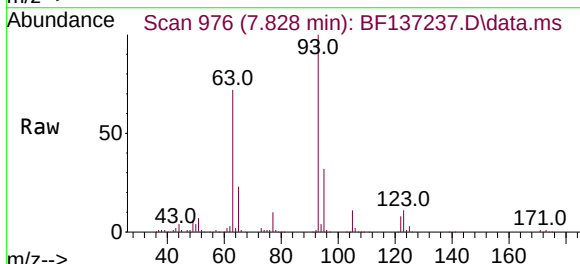
Tgt Ion: 93 Resp: 237049

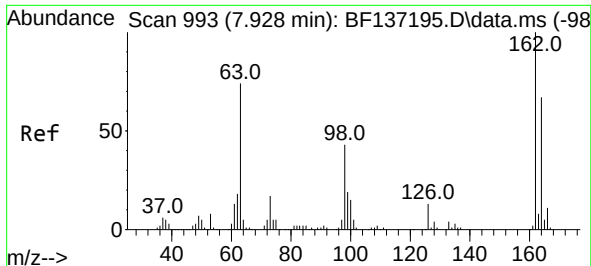
Ion Ratio Lower Upper

93 100

95 32.1 26.1 39.1

123 11.0 7.8 11.8





#29

2,4-Dichlorophenol

Concen: 45.913 ng

RT: 7.928 min Scan# 993

Delta R.T. -0.000 min

Lab File: BF137237.D

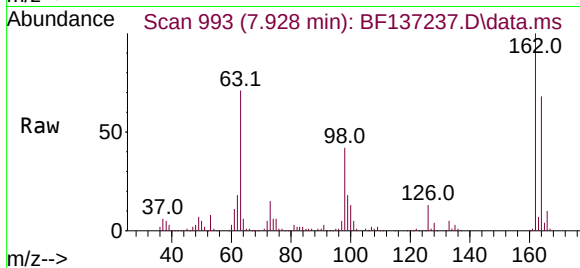
Acq: 01 Feb 2024 17:53

Instrument :

BNA_F

ClientSampleId :

TR-614-COMP-03MSD



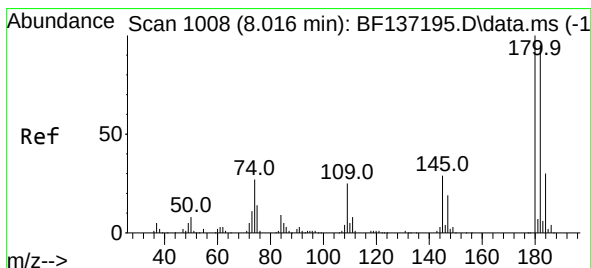
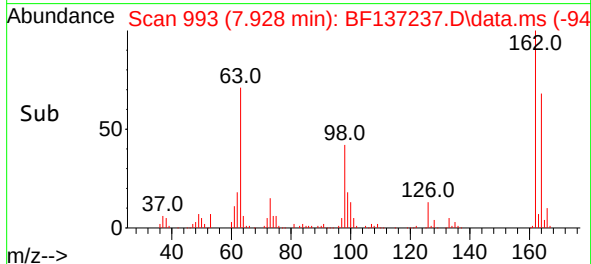
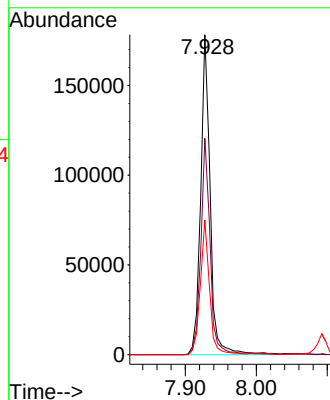
Tgt Ion:162 Resp: 164187

Ion Ratio Lower Upper

162 100

164 67.6 46.7 86.7

98 42.1 22.9 62.9



#30

1,2,4-Trichlorobenzene

Concen: 42.677 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF137237.D

Acq: 01 Feb 2024 17:53

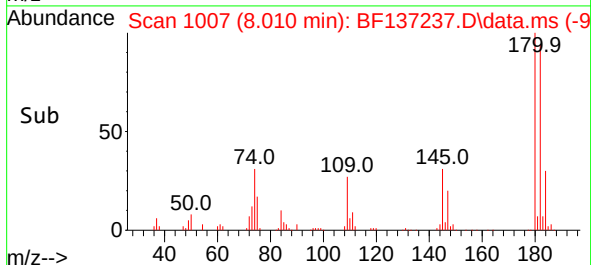
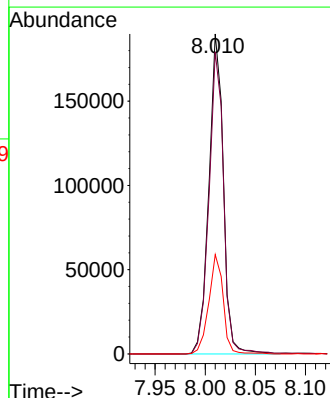
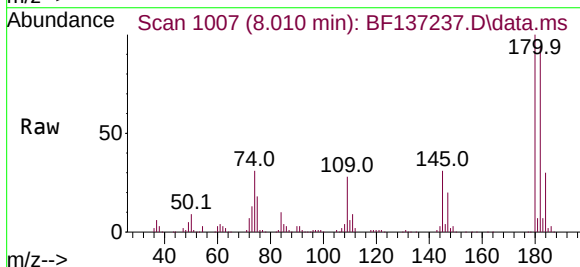
Tgt Ion:180 Resp: 189570

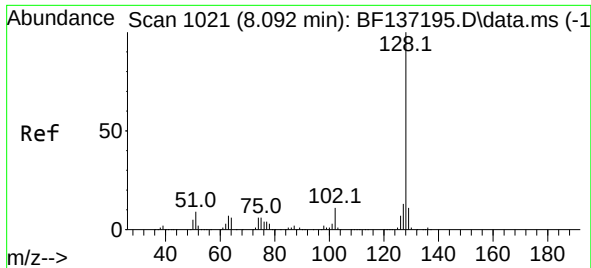
Ion Ratio Lower Upper

180 100

182 94.3 75.9 113.9

145 31.0 23.2 34.8

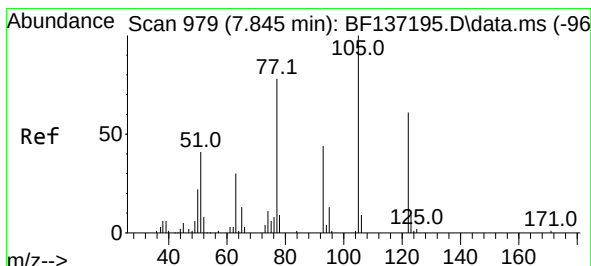
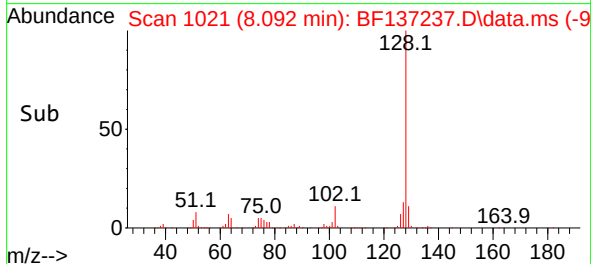
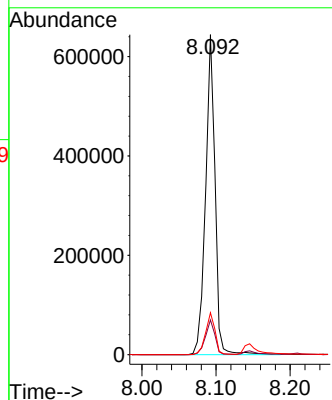
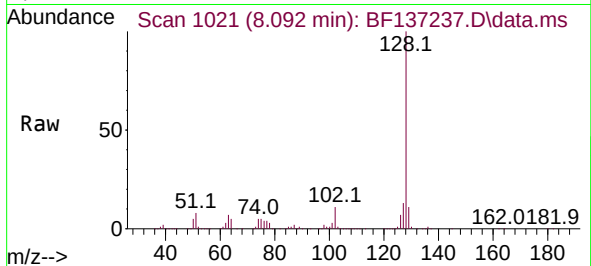




#31
Naphthalene
Concen: 43.145 ng
RT: 8.092 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

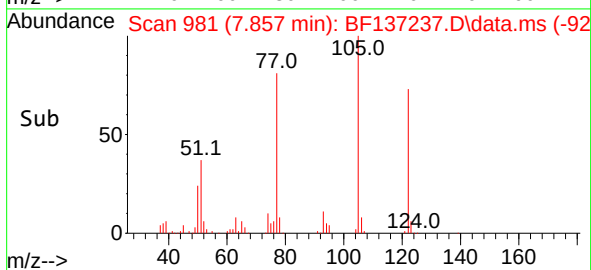
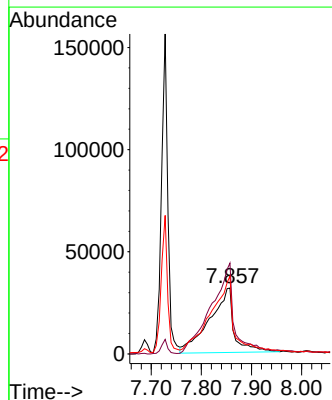
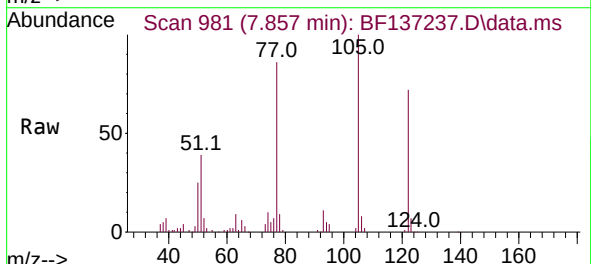
Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-03MSD

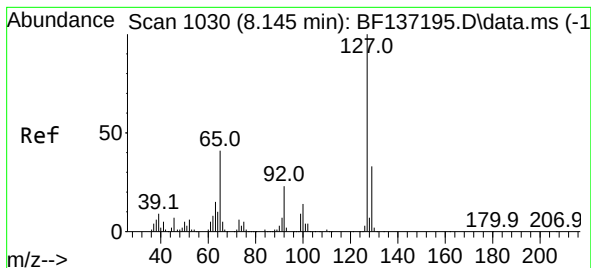
Tgt Ion:128 Resp: 570586
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 51.843 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.012 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

Tgt Ion:122 Resp: 107132
Ion Ratio Lower Upper
122 100
105 138.0 122.5 162.5
77 118.2 96.4 136.4





#33

4-Chloroaniline

Concen: 6.784 ng

RT: 8.145 min Scan# 1030

Delta R.T. 0.000 min

Lab File: BF137237.D

Acq: 01 Feb 2024 17:53

Instrument :

BNA_F

ClientSampleId :

TR-614-COMP-03MSD

Tgt Ion:127 Resp: 30863

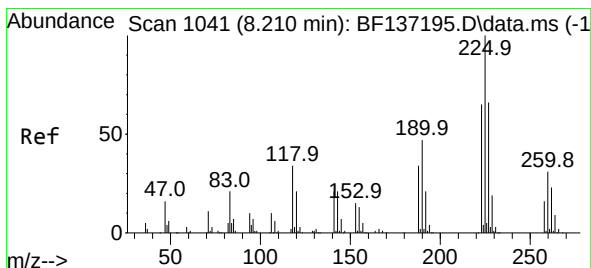
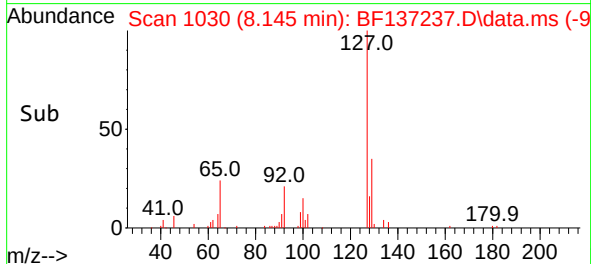
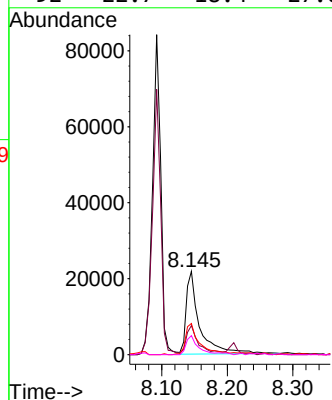
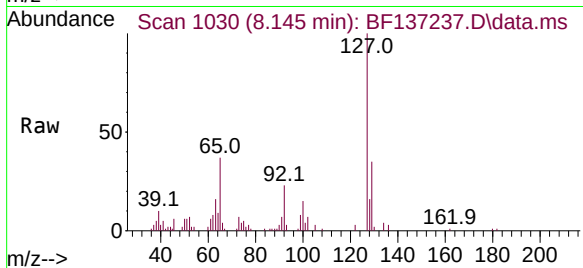
Ion Ratio Lower Upper

127 100

129 34.8 26.8 40.2

65 37.3 32.9 49.3

92 22.7 18.4 27.6



#34

Hexachlorobutadiene

Concen: 42.678 ng

RT: 8.210 min Scan# 1041

Delta R.T. 0.000 min

Lab File: BF137237.D

Acq: 01 Feb 2024 17:53

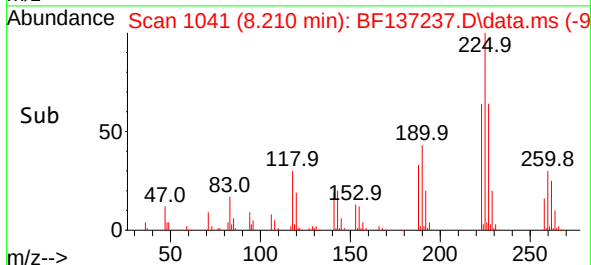
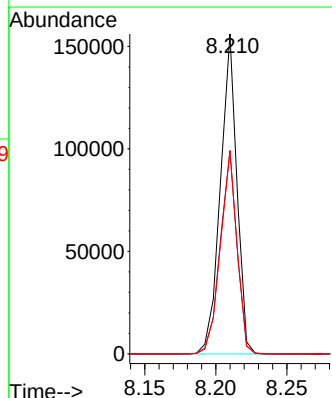
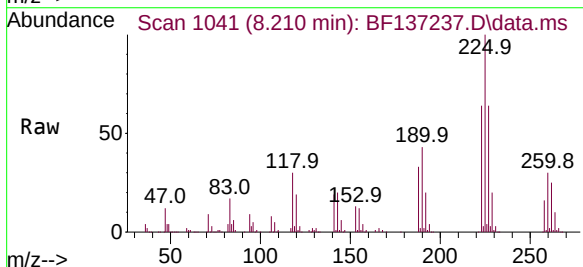
Tgt Ion:225 Resp: 126051

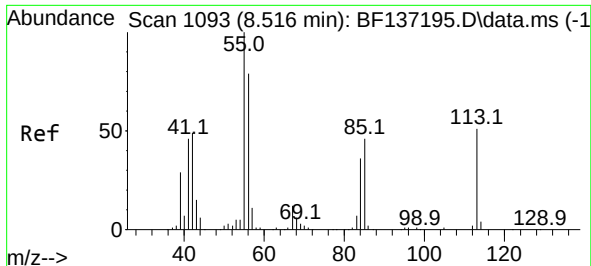
Ion Ratio Lower Upper

225 100

223 63.5 52.0 78.0

227 63.5 52.9 79.3

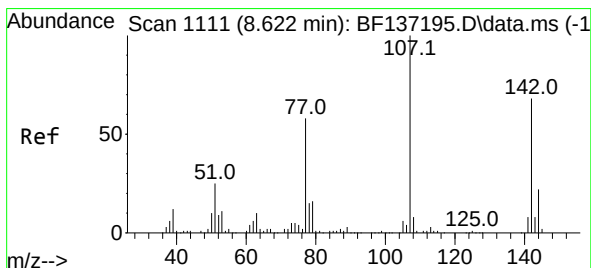
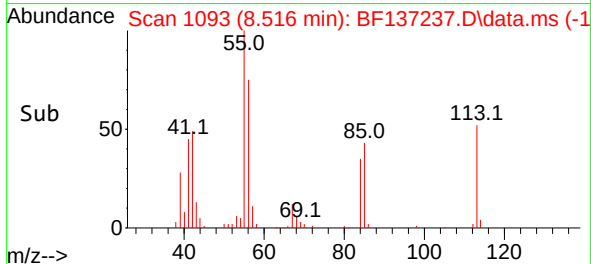
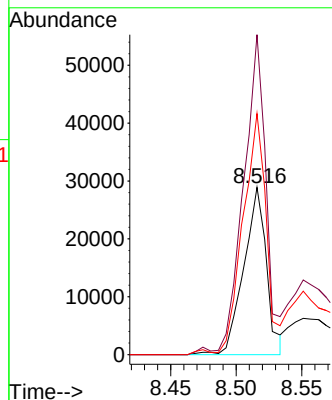
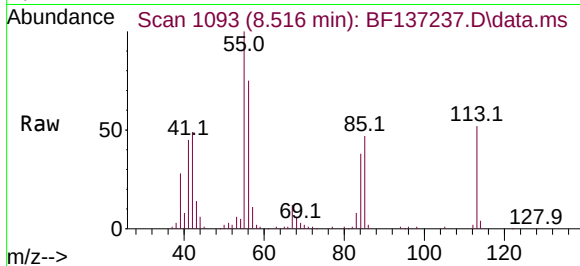




#35
 Caprolactam
 Concen: 31.214 ng
 RT: 8.516 min Scan# 1093
 Delta R.T. 0.000 min
 Lab File: BF137237.D
 Acq: 01 Feb 2024 17:53

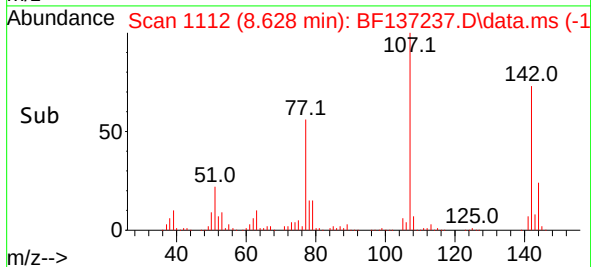
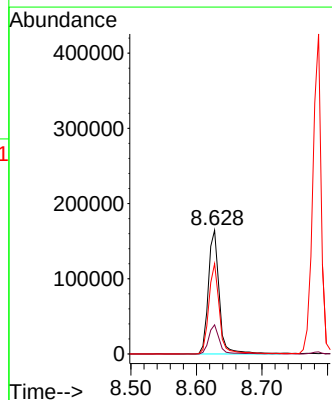
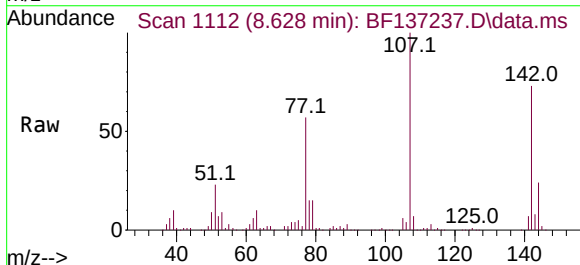
Instrument :
 BNA_F
 ClientSampleId :
 TR-614-COMP-03MSD

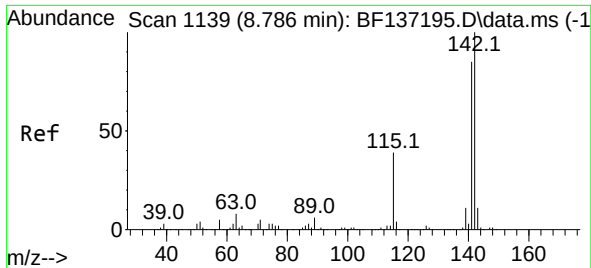
Tgt Ion:113 Resp: 34709
 Ion Ratio Lower Upper
 113 100
 55 191.3 176.0 216.0
 56 144.1 134.0 174.0



#36
 4-Chloro-3-methylphenol
 Concen: 44.677 ng
 RT: 8.628 min Scan# 1112
 Delta R.T. 0.006 min
 Lab File: BF137237.D
 Acq: 01 Feb 2024 17:53

Tgt Ion:107 Resp: 188705
 Ion Ratio Lower Upper
 107 100
 144 23.6 17.2 25.8
 142 72.9 54.6 82.0





#37

2-Methylnaphthalene

Concen: 42.763 ng

RT: 8.786 min Scan# 1139

Delta R.T. 0.000 min

Lab File: BF137237.D

Acq: 01 Feb 2024 17:53

Instrument :

BNA_F

ClientSampleId :

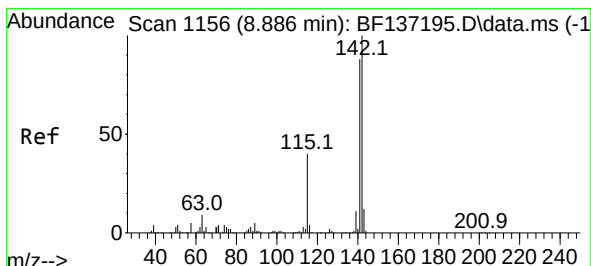
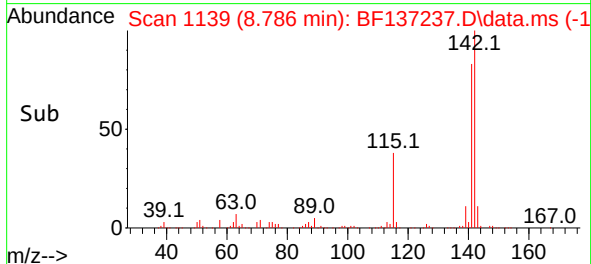
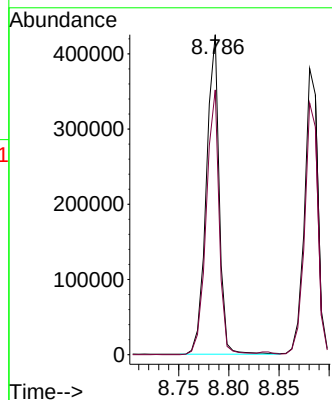
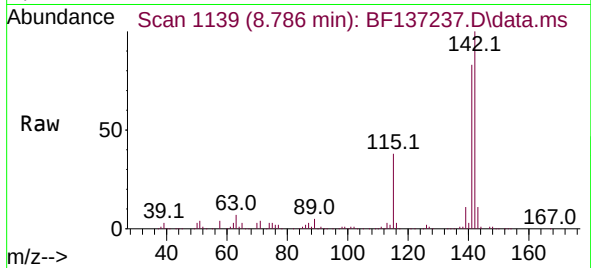
TR-614-COMP-03MSD

Tgt Ion:142 Resp: 379143

Ion Ratio Lower Upper

142 100

141 82.7 67.8 101.8



#38

1-Methylnaphthalene

Concen: 42.828 ng

RT: 8.880 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF137237.D

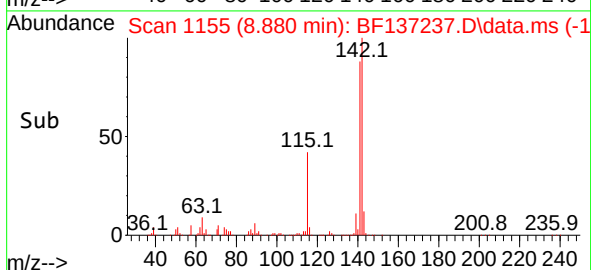
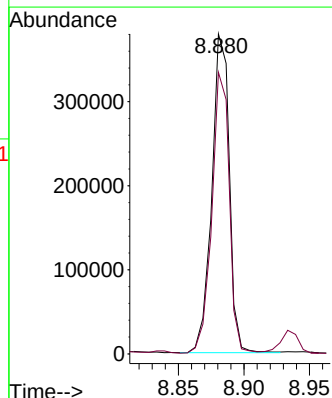
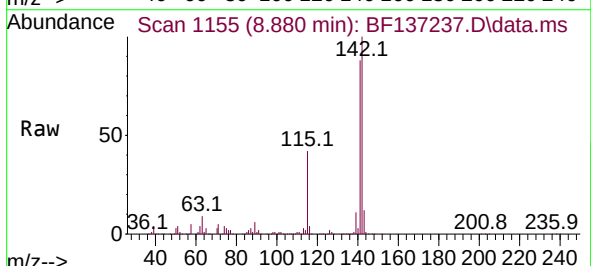
Acq: 01 Feb 2024 17:53

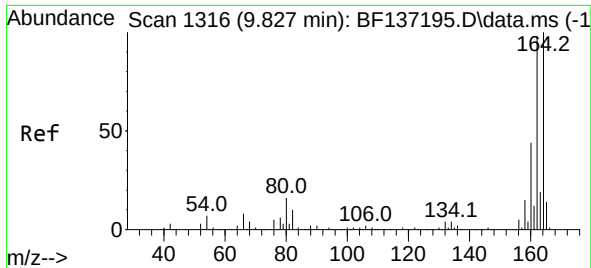
Tgt Ion:142 Resp: 352690

Ion Ratio Lower Upper

142 100

141 88.0 70.6 105.8

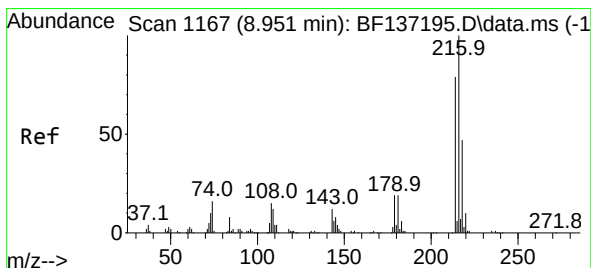
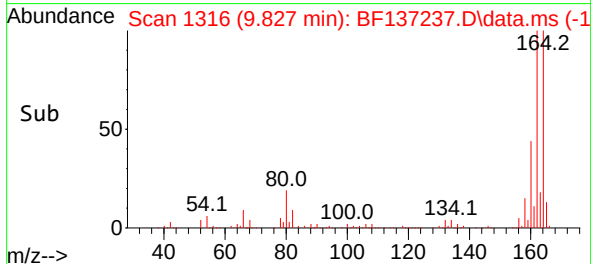
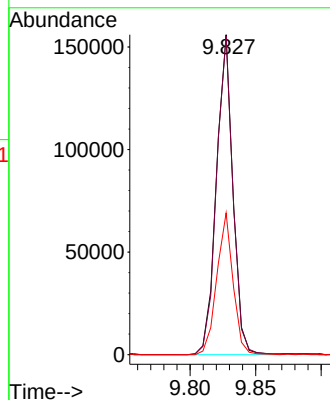
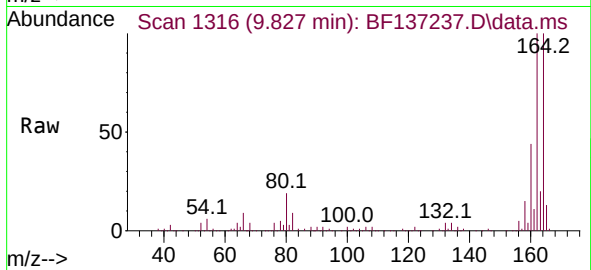




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

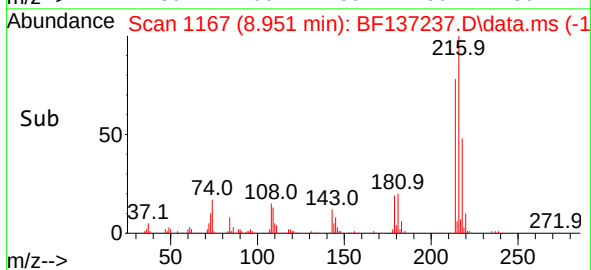
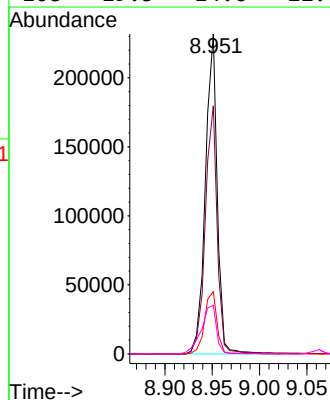
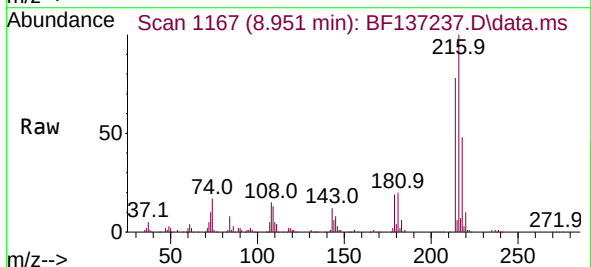
Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-03MSD

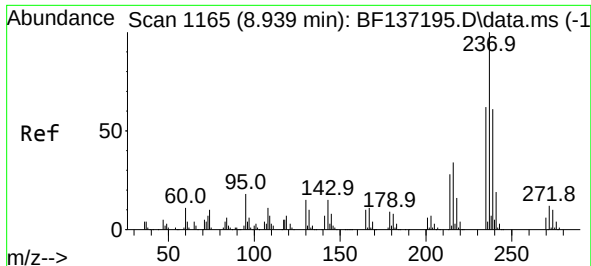
Tgt Ion:164 Resp: 136609
Ion Ratio Lower Upper
164 100
162 99.5 78.3 117.5
160 44.3 35.4 53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.366 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

Tgt Ion:216 Resp: 202801
Ion Ratio Lower Upper
216 100
214 78.6 63.9 95.9
179 20.4 16.2 24.2
108 19.5 14.6 22.0

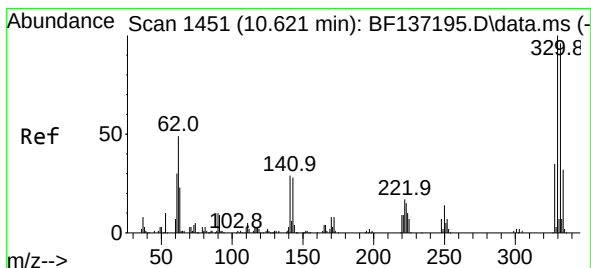
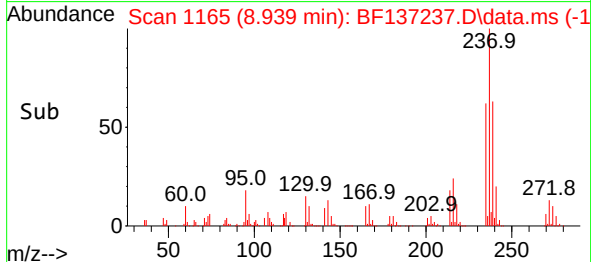
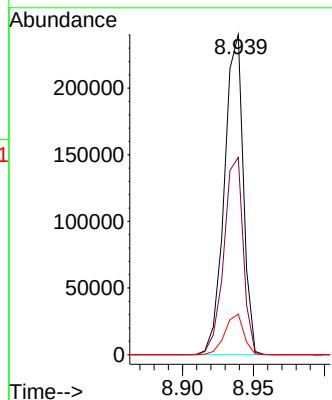
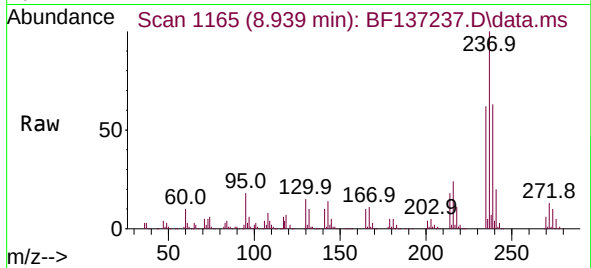




#41
Hexachlorocyclopentadiene
Concen: 102.426 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

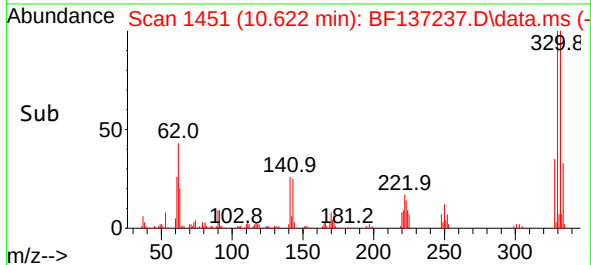
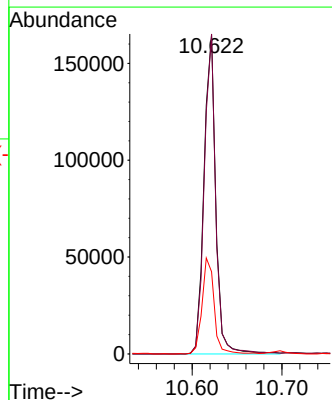
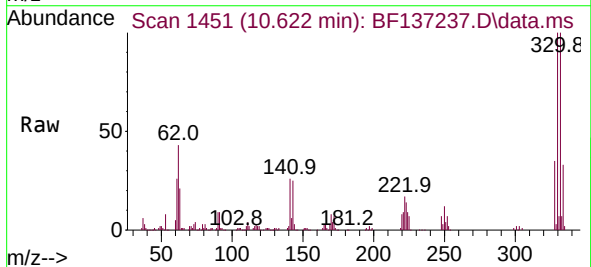
Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-03MSD

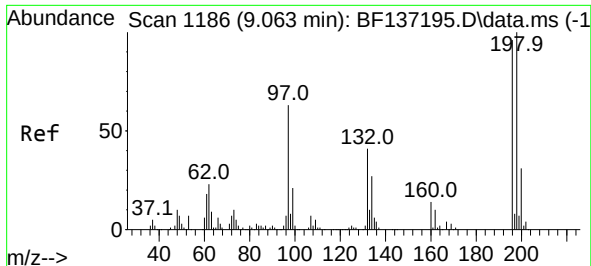
Tgt Ion:237 Resp: 222994
Ion Ratio Lower Upper
237 100
235 61.6 41.6 81.6
272 12.6 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 96.934 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

Tgt Ion:330 Resp: 149549
Ion Ratio Lower Upper
330 100
332 97.8 77.3 115.9
141 31.0 25.2 37.8

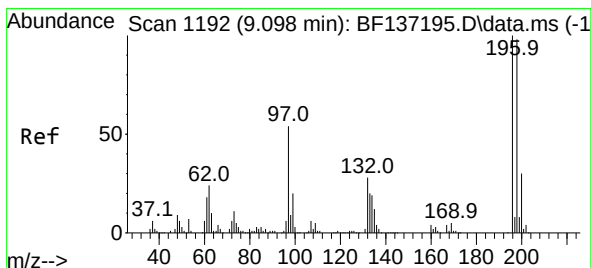
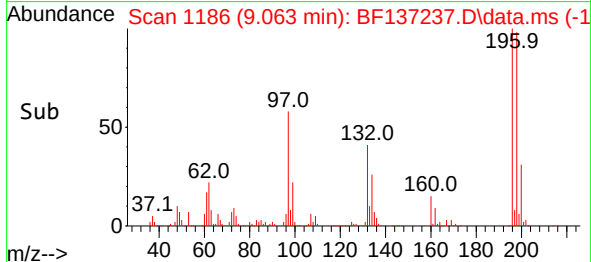
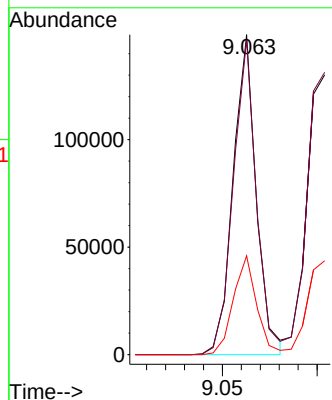
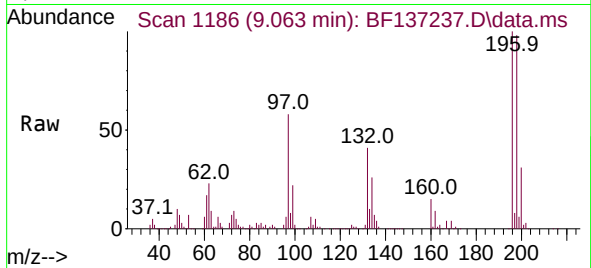




#43
2,4,6-Trichlorophenol
Concen: 48.716 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

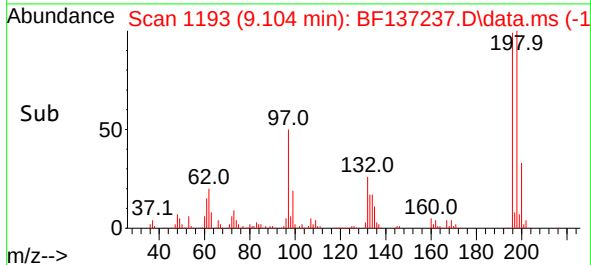
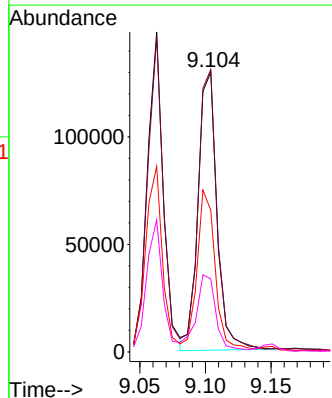
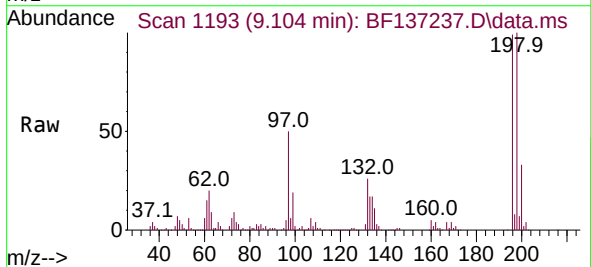
Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-03MSD

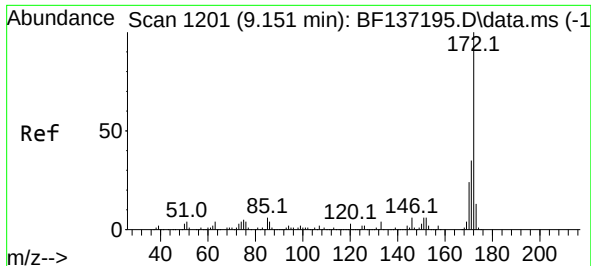
Tgt Ion:196 Resp: 126305
Ion Ratio Lower Upper
196 100
198 98.3 83.0 124.6
200 30.9 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 45.723 ng
RT: 9.104 min Scan# 1193
Delta R.T. 0.006 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

Tgt Ion:196 Resp: 129579
Ion Ratio Lower Upper
196 100
198 100.9 78.2 117.4
97 50.6 44.2 66.2
132 26.1 22.5 33.7

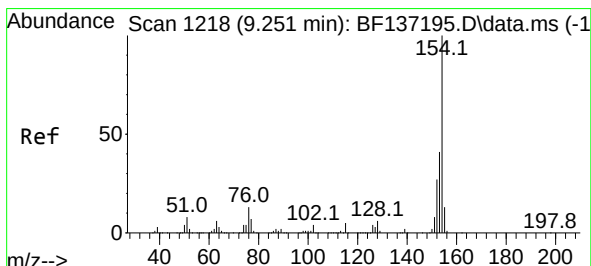
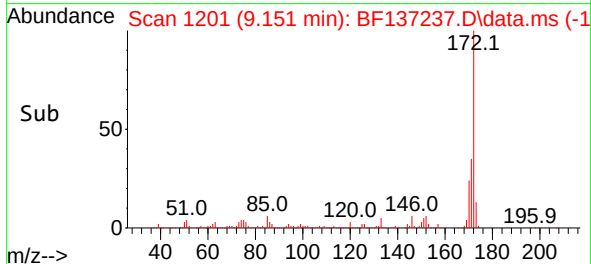
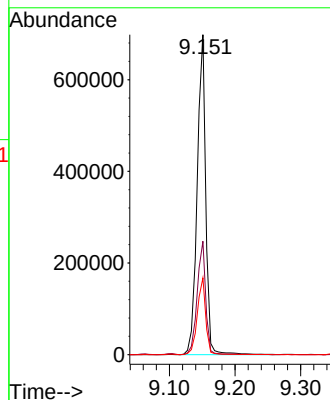
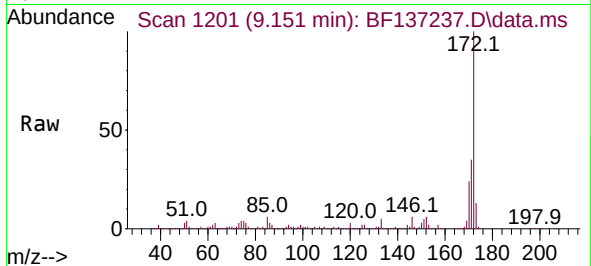




#45
2-Fluorobiphenyl
Concen: 63.790 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

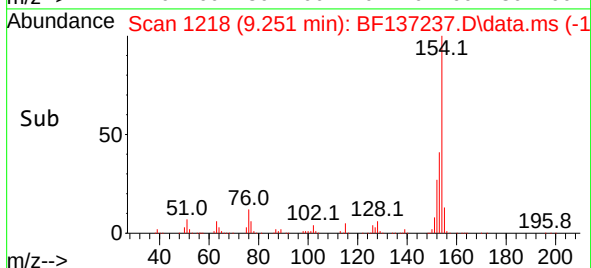
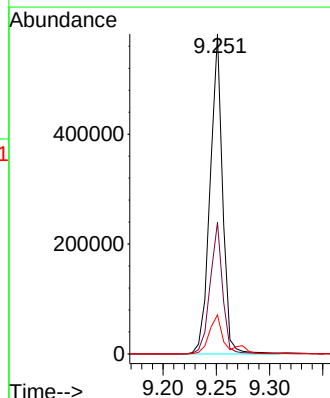
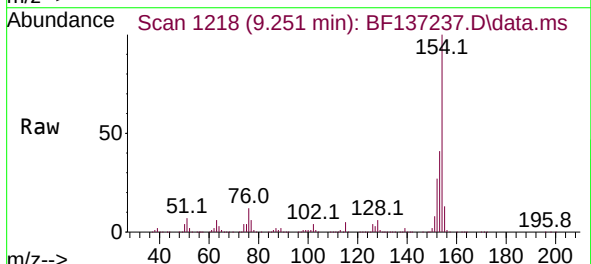
Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-03MSD

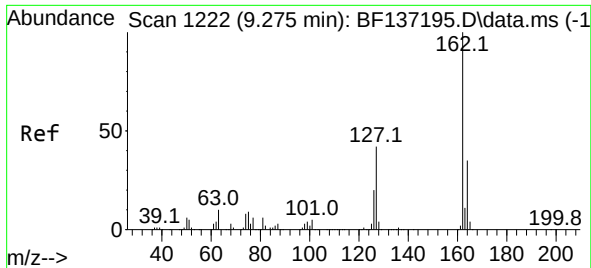
Tgt Ion:172 Resp: 633922
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 24.0 19.1 28.7



#46
1,1'-Biphenyl
Concen: 43.712 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

Tgt Ion:154 Resp: 475105
Ion Ratio Lower Upper
154 100
153 41.1 21.2 61.2
76 12.2 0.0 33.0

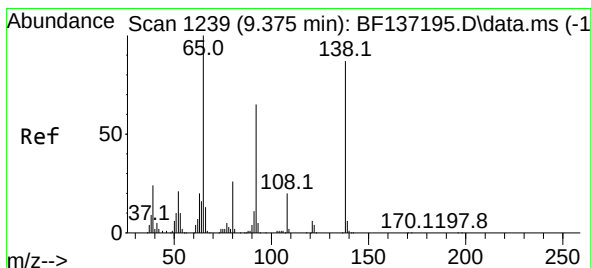
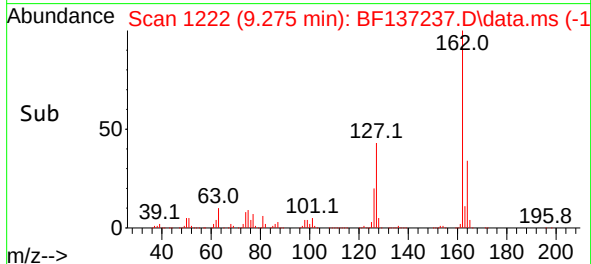
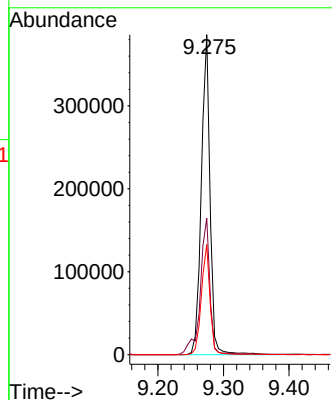
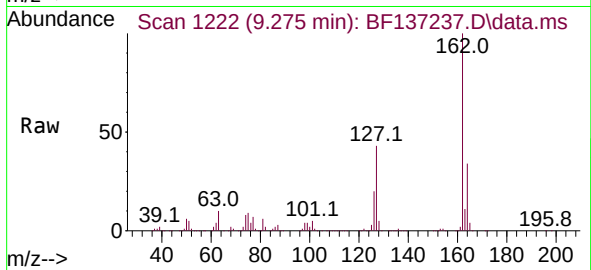




#47
2-Chloronaphthalene
Concen: 43.956 ng
RT: 9.275 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

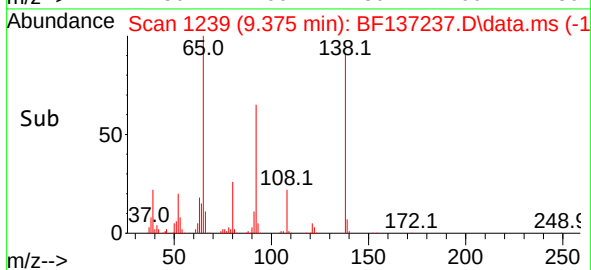
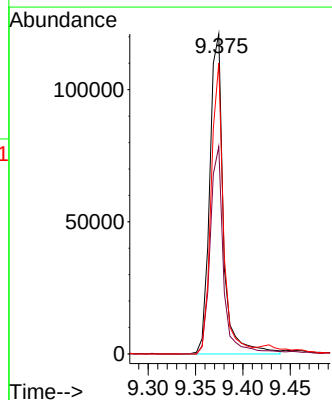
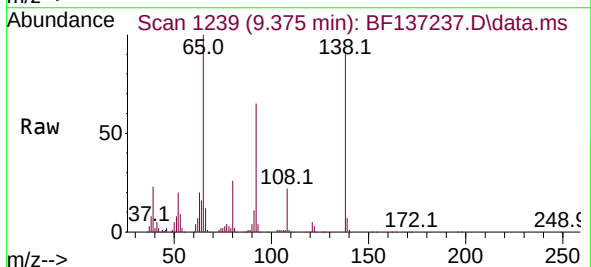
Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-03MSD

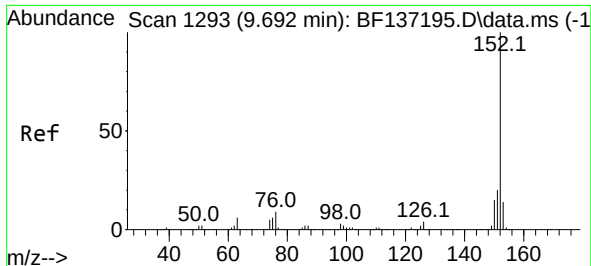
Tgt Ion:162 Resp: 353571
Ion Ratio Lower Upper
162 100
127 42.6 34.1 51.1
164 34.4 27.9 41.9



#48
2-Nitroaniline
Concen: 46.954 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

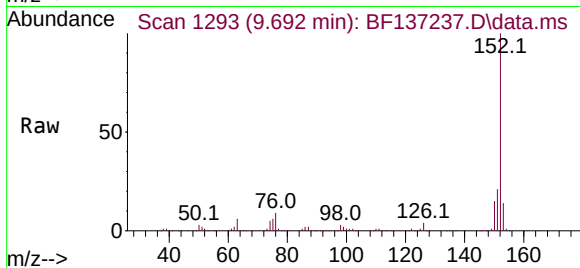
Tgt Ion: 65 Resp: 122241
Ion Ratio Lower Upper
65 100
92 64.8 51.7 77.5
138 90.8 69.7 104.5



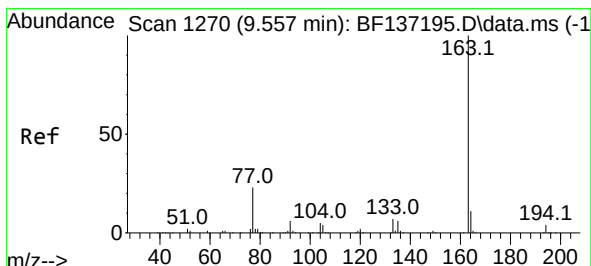
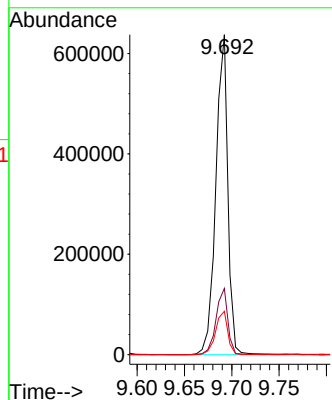
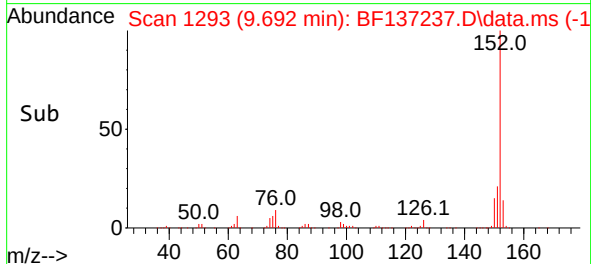


#49
Acenaphthylene
Concen: 43.594 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-03MSD

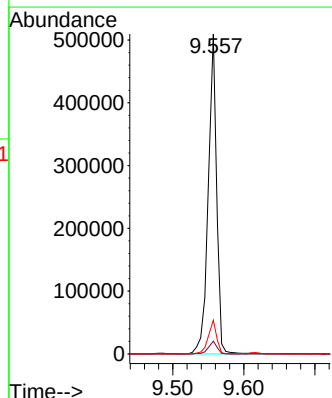
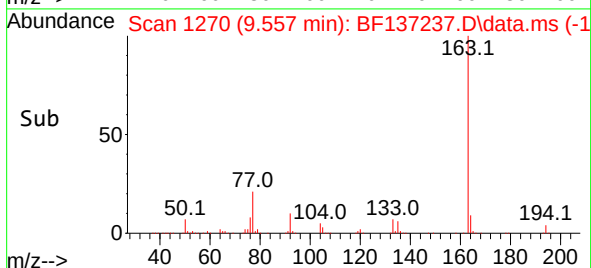
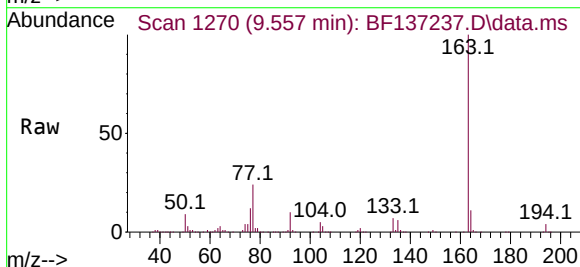


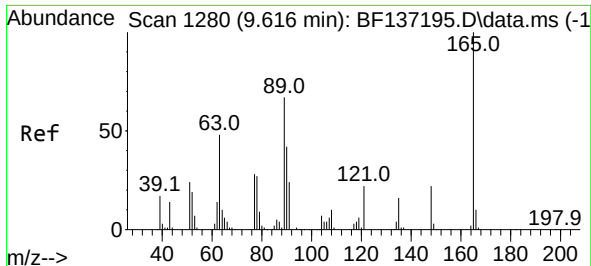
Tgt Ion:152 Resp: 561363
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.5 11.2 16.8



#50
Dimethylphthalate
Concen: 45.012 ng
RT: 9.557 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

Tgt Ion:163 Resp: 415414
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.5 8.6 13.0





#51

2,6-Dinitrotoluene

Concen: 48.069 ng

RT: 9.616 min Scan# 1280

Delta R.T. 0.000 min

Lab File: BF137237.D

Acq: 01 Feb 2024 17:53

Instrument :

BNA_F

ClientSampleId :

TR-614-COMP-03MSD

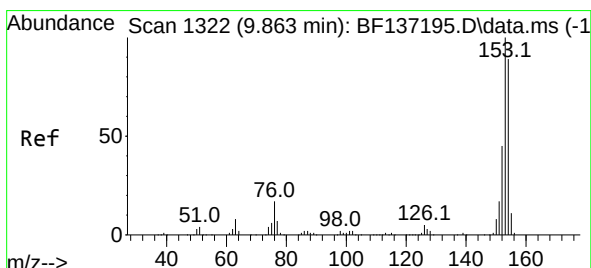
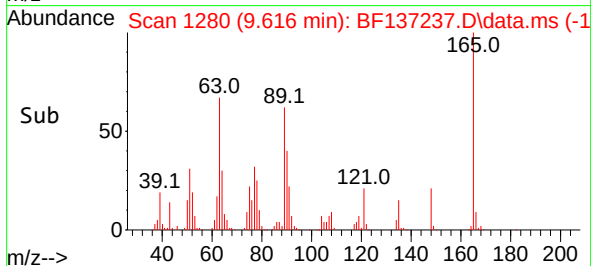
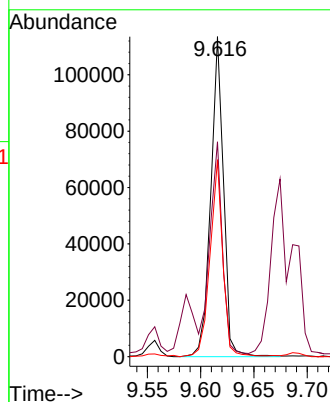
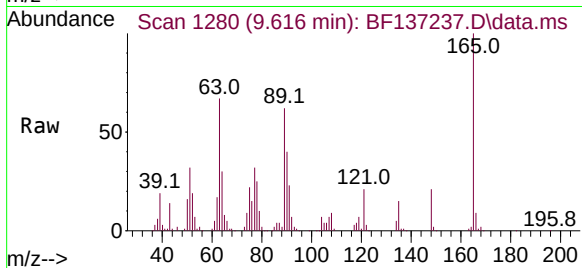
Tgt Ion:165 Resp: 94598

Ion Ratio Lower Upper

165 100

63 67.1 55.1 82.7

89 61.5 53.5 80.3



#52

Acenaphthene

Concen: 44.241 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BF137237.D

Acq: 01 Feb 2024 17:53

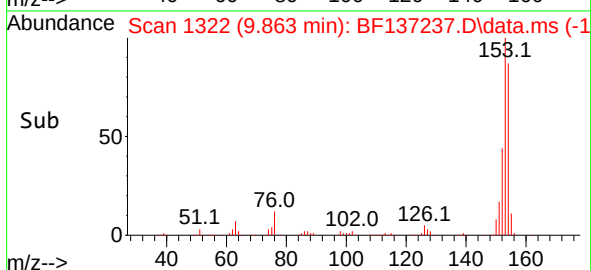
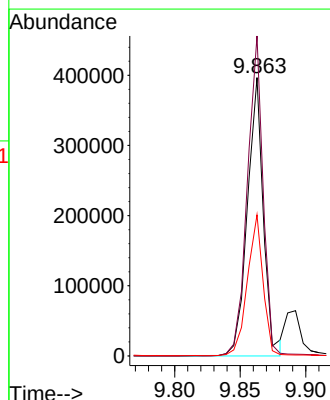
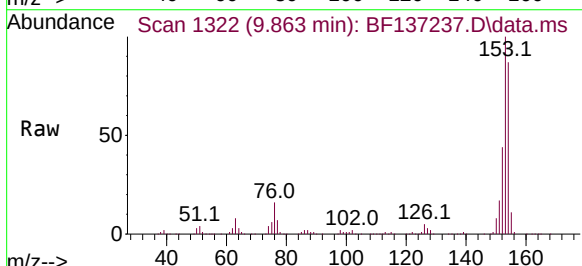
Tgt Ion:154 Resp: 334828

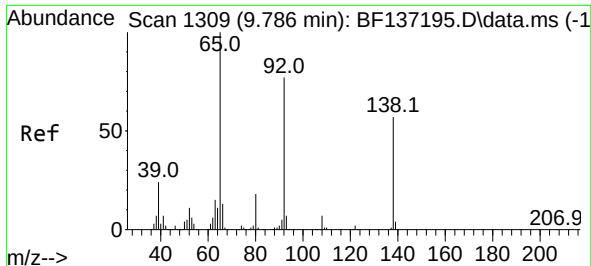
Ion Ratio Lower Upper

154 100

153 115.0 90.2 135.4

152 50.7 40.6 60.8

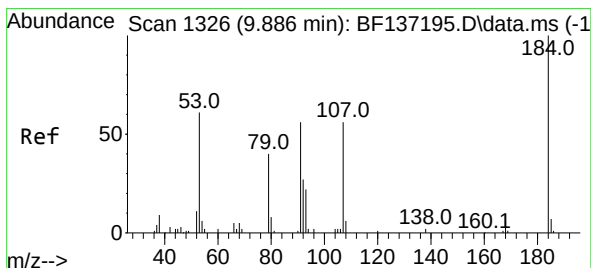
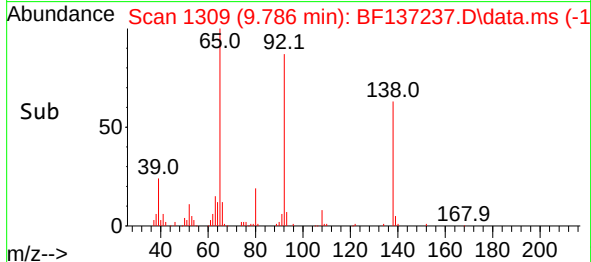
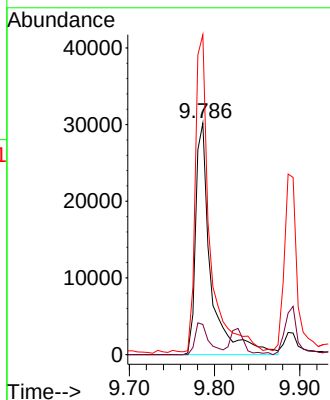
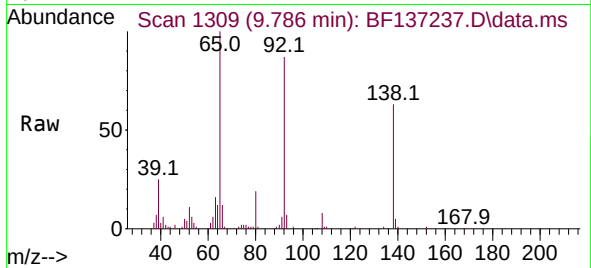




#53
3-Nitroaniline
Concen: 21.157 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

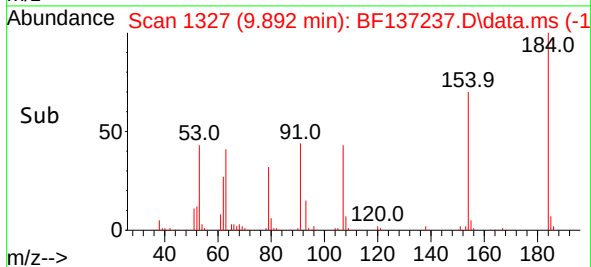
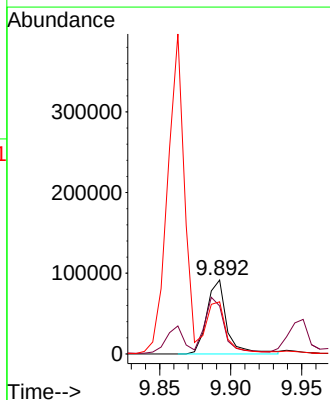
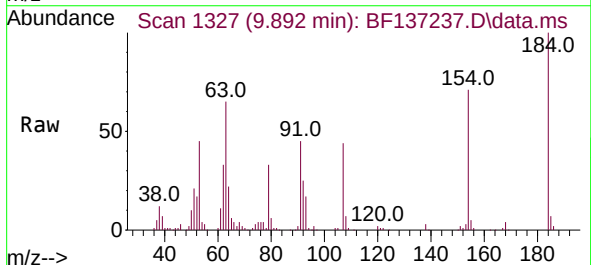
Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-03MSD

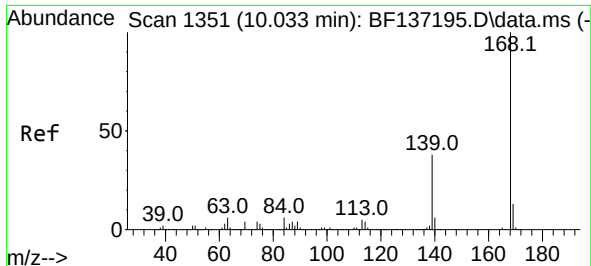
Tgt Ion:138 Resp: 37470
Ion Ratio Lower Upper
138 100
108 13.1 10.4 15.6
92 138.3 108.6 162.8



#54
2,4-Dinitrophenol
Concen: 98.748 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

Tgt Ion:184 Resp: 89285
Ion Ratio Lower Upper
184 100
63 64.9 71.2 106.8#
154 70.5 64.9 97.3

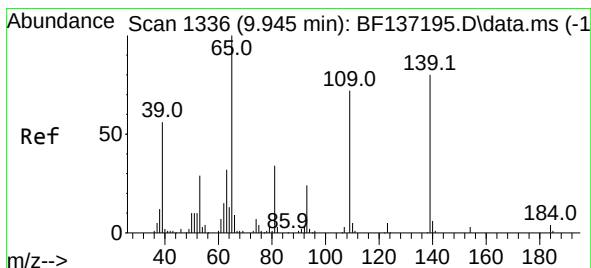
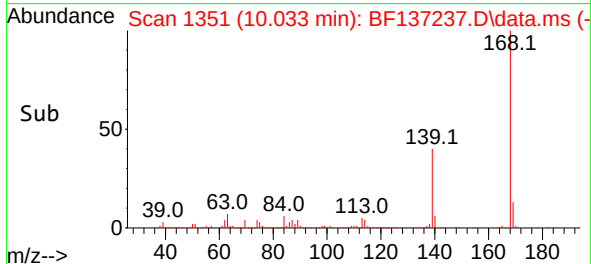
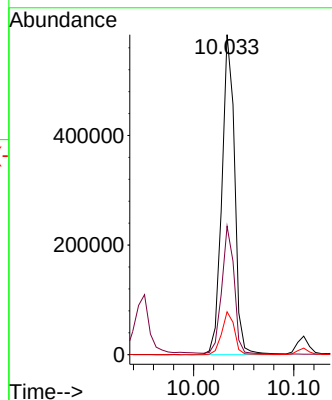
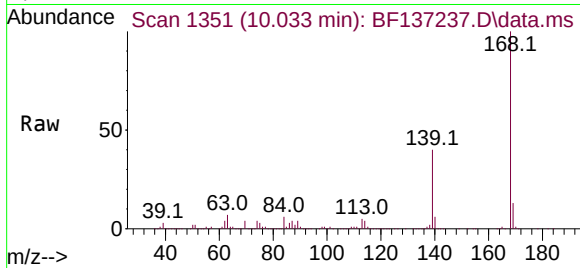




#55
Dibenzenofuran
Concen: 42.970 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

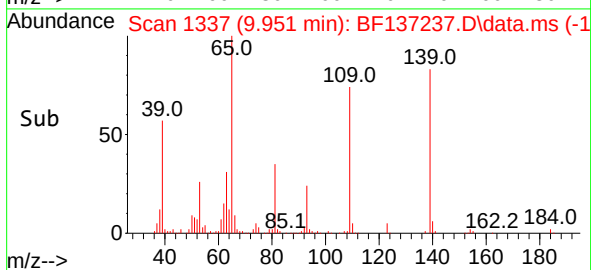
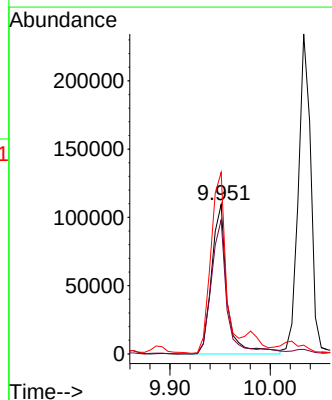
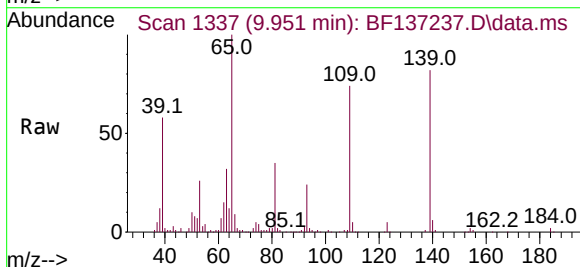
Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-03MSD

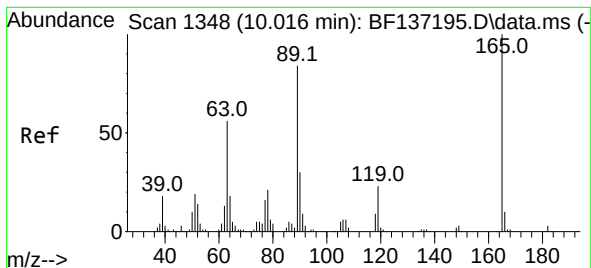
Tgt Ion:168 Resp: 517391
Ion Ratio Lower Upper
168 100
139 40.1 31.1 46.7
169 13.4 10.6 16.0



#56
4-Nitrophenol
Concen: 90.629 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

Tgt Ion:139 Resp: 117700
Ion Ratio Lower Upper
139 100
109 89.6 70.4 110.4
65 121.5 107.6 147.6

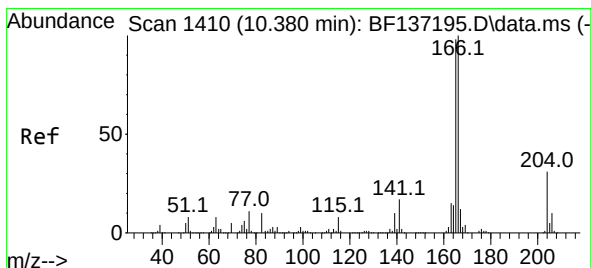
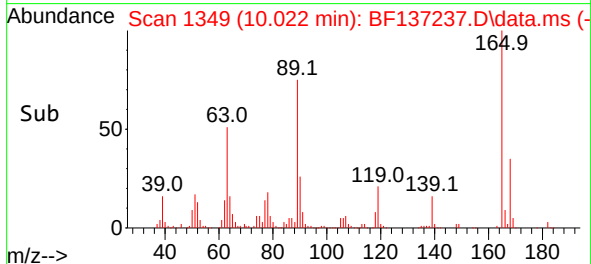
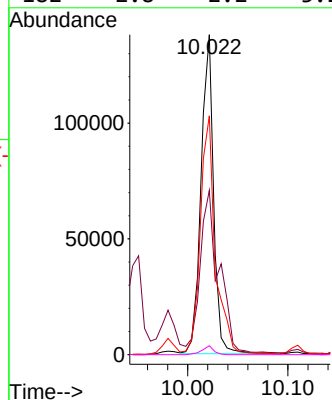
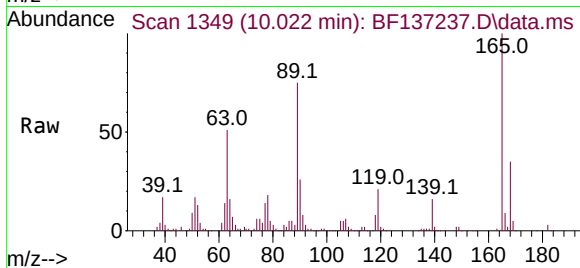




#57
2,4-Dinitrotoluene
Concen: 46.773 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

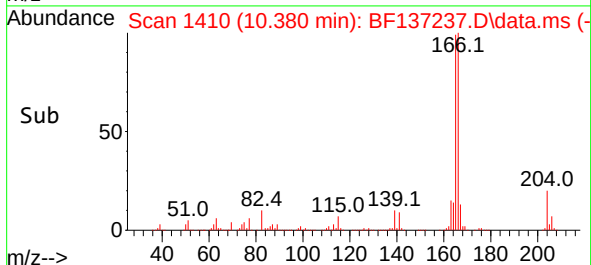
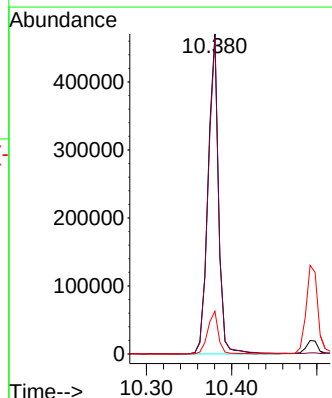
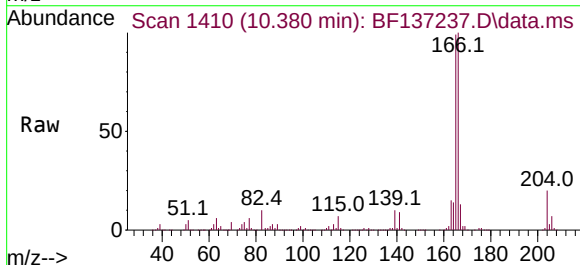
Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-03MSD

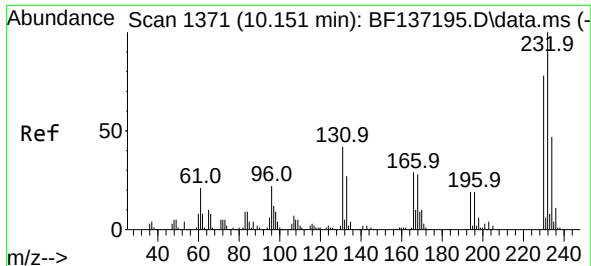
Tgt Ion:165 Resp: 119436
Ion Ratio Lower Upper
165 100
63 51.3 46.1 69.1
89 74.6 67.5 101.3
182 2.8 2.2 3.2



#58
Fluorene
Concen: 42.452 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

Tgt Ion:166 Resp: 400727
Ion Ratio Lower Upper
166 100
165 98.8 78.5 117.7
167 13.3 10.0 15.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.911 ng

RT: 10.110 min Scan# 1371

Delta R.T. -0.041 min

Lab File: BF137237.D

Acq: 01 Feb 2024 17:53

Instrument :

BNA_F

ClientSampleId :

TR-614-COMP-03MSD

Tgt Ion:232 Resp: 118426

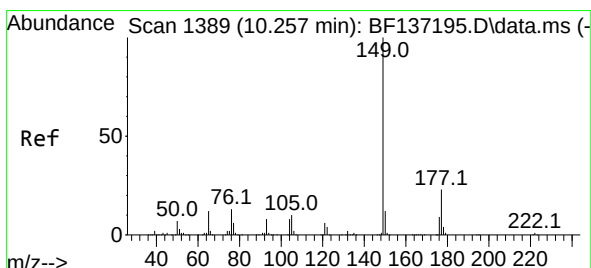
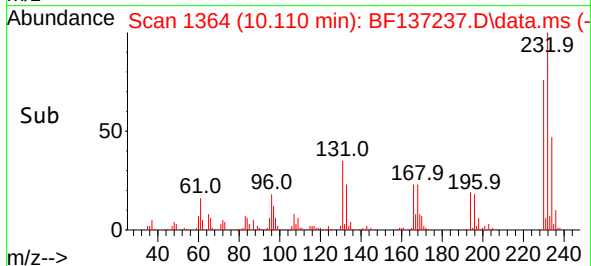
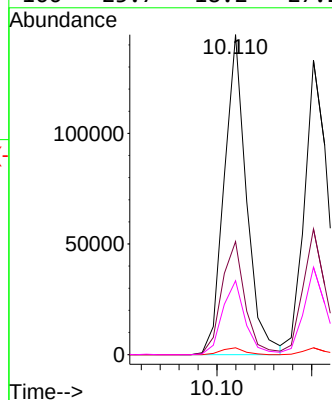
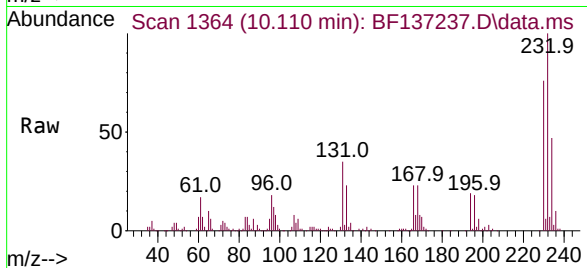
Ion Ratio Lower Upper

232 100

131 37.0 27.4 41.2

130 2.1 1.7 2.5

166 23.7 18.2 27.2



#60

Diethylphthalate

Concen: 44.961 ng

RT: 10.257 min Scan# 1389

Delta R.T. 0.000 min

Lab File: BF137237.D

Acq: 01 Feb 2024 17:53

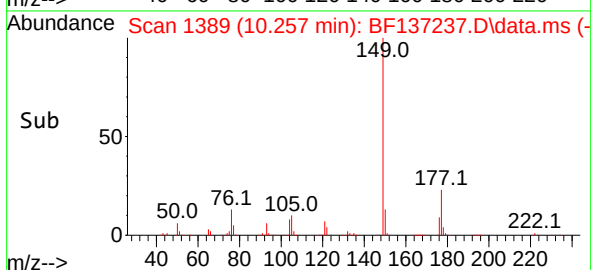
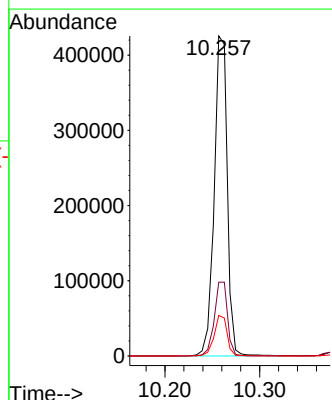
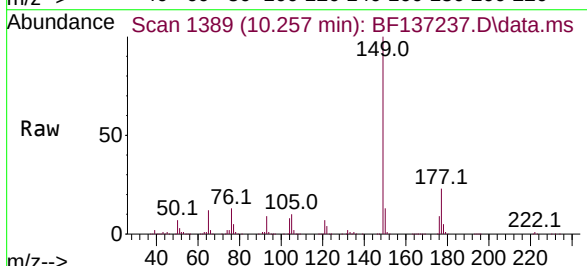
Tgt Ion:149 Resp: 408568

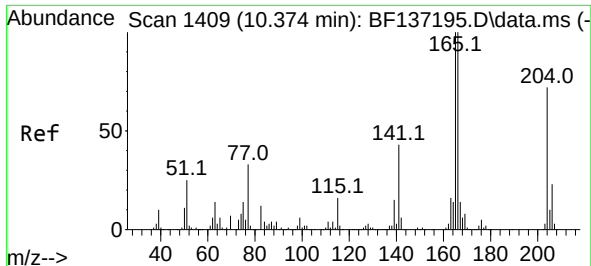
Ion Ratio Lower Upper

149 100

177 23.0 18.0 27.0

150 12.6 9.6 14.4

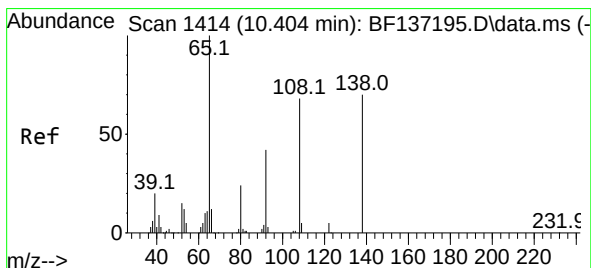
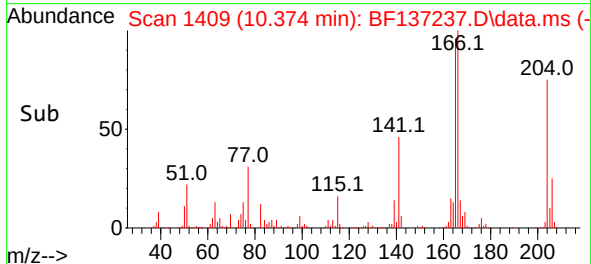
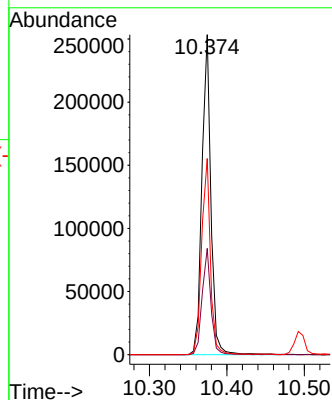
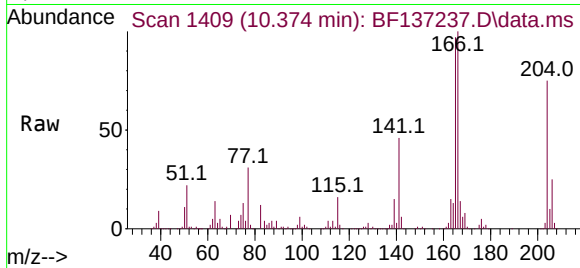




#61
4-Chlorophenyl-phenylether
Concen: 43.197 ng
RT: 10.374 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

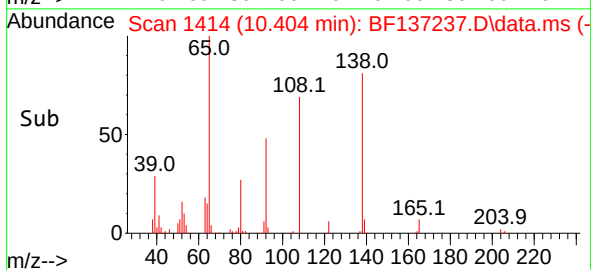
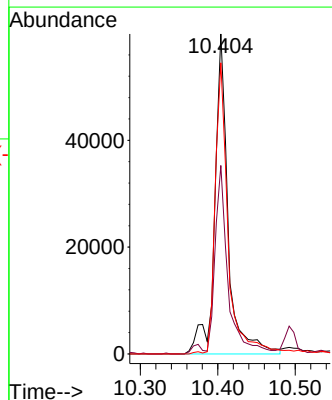
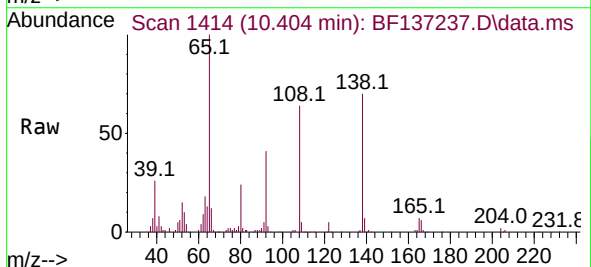
Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-03MSD

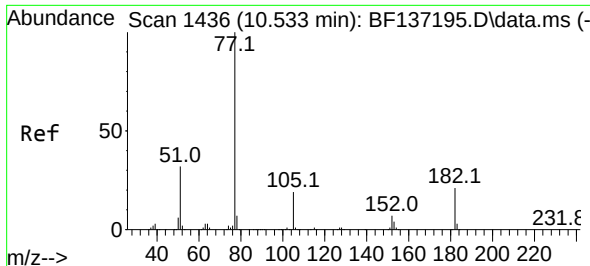
Tgt Ion:204 Resp: 202681
Ion Ratio Lower Upper
204 100
206 33.2 25.5 38.3
141 61.3 48.3 72.5



#62
4-Nitroaniline
Concen: 42.560 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

Tgt Ion:138 Resp: 72147
Ion Ratio Lower Upper
138 100
92 58.9 39.3 79.3
108 91.0 75.3 115.3

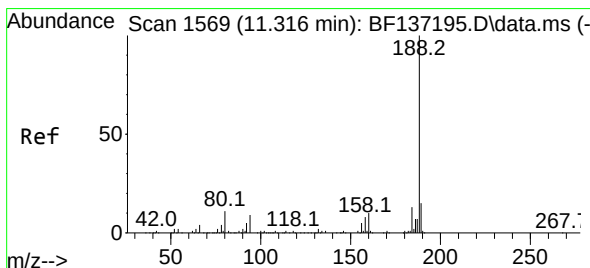
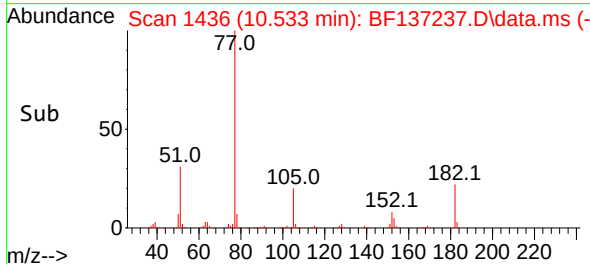
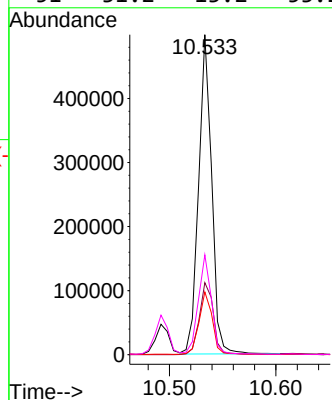
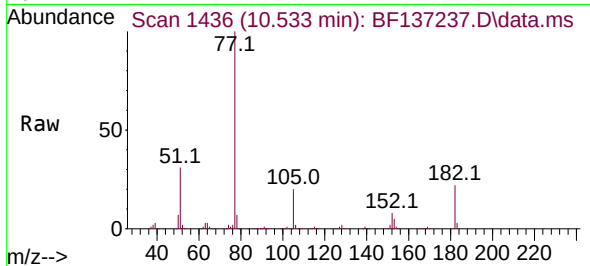




#63
Azobenzene
Concen: 42.087 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

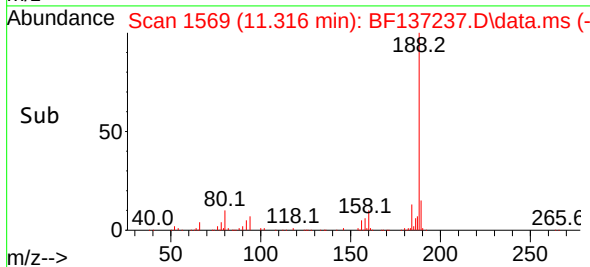
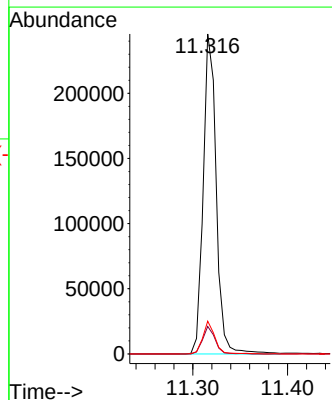
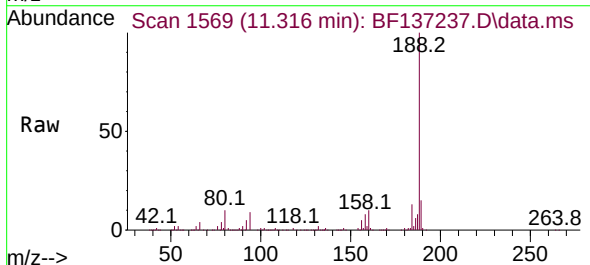
Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-03MSD

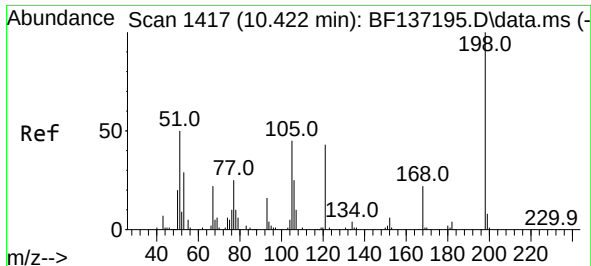
Tgt Ion:	77	Resp:	423567
Ion	Ratio	Lower	Upper
77	100		
182	22.5	1.1	41.1
105	19.6	0.0	38.9
51	31.2	13.2	53.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

Tgt Ion:	188	Resp:	234493
Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.0	10.4
80	10.2	8.8	13.2

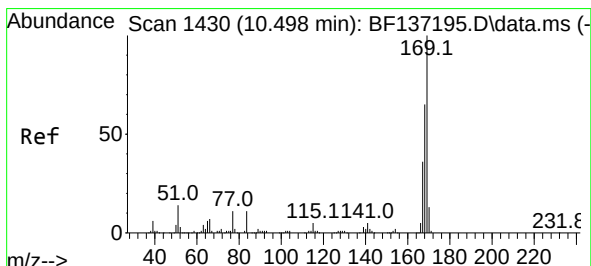
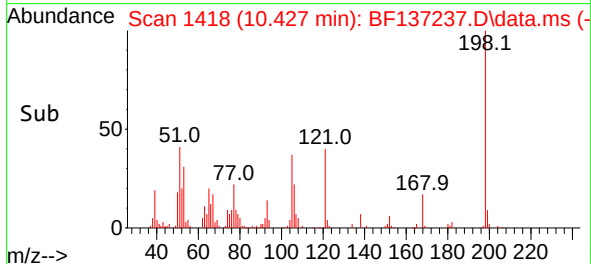
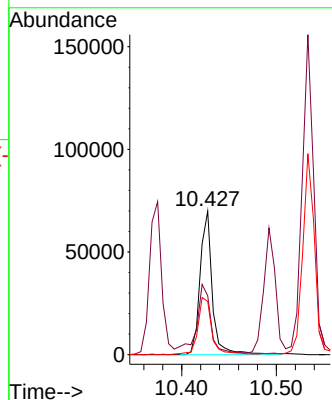
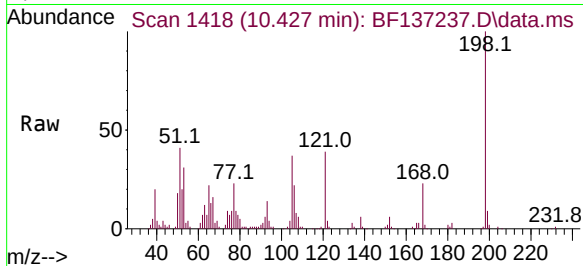




#65
4,6-Dinitro-2-methylphenol
Concen: 49.934 ng
RT: 10.427 min Scan# 1417
Delta R.T. 0.005 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

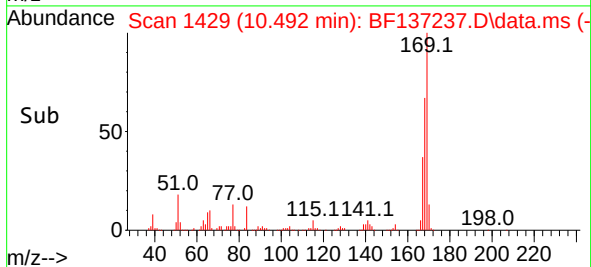
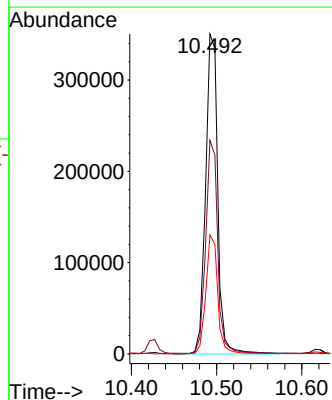
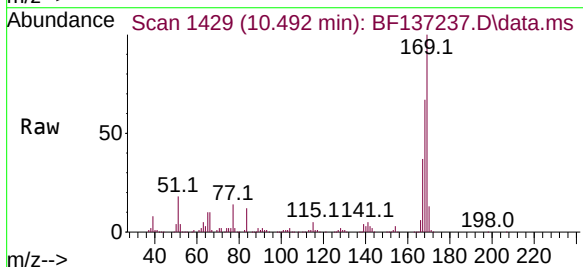
Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-03MSD

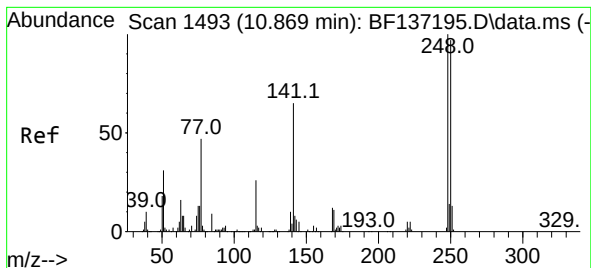
Tgt Ion:198 Resp: 62333
Ion Ratio Lower Upper
198 100
51 41.0 40.9 80.9
105 37.1 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 48.644 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

Tgt Ion:169 Resp: 346827
Ion Ratio Lower Upper
169 100
168 66.7 51.9 77.9
167 37.2 29.0 43.6

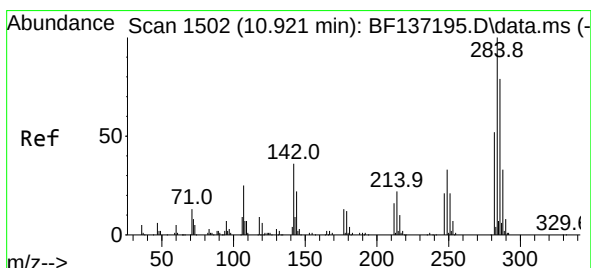
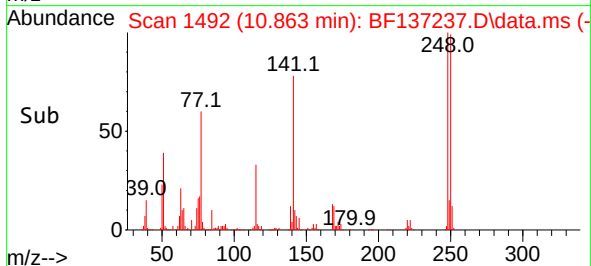
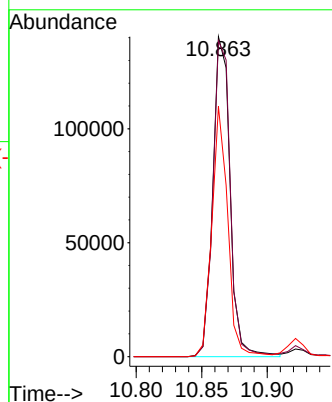
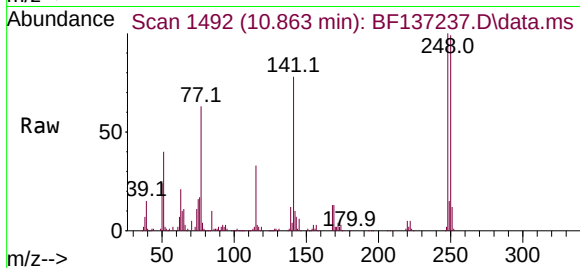




#67
4-Bromophenyl-phenylether
Concen: 49.730 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

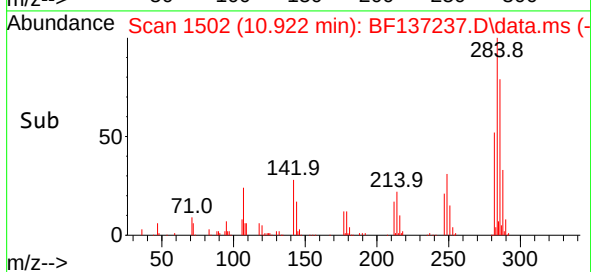
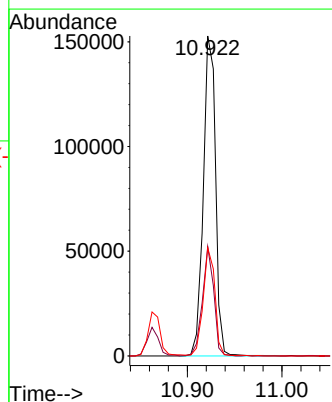
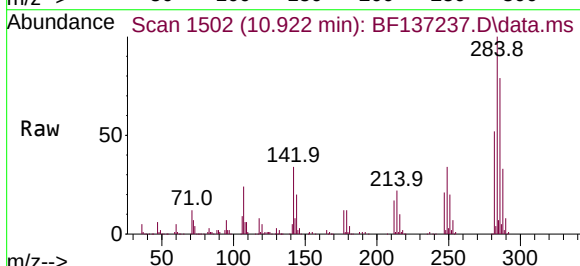
Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-03MSD

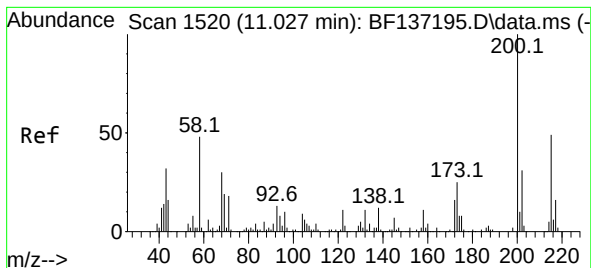
Tgt Ion:248 Resp: 128226
Ion Ratio Lower Upper
248 100
250 98.7 77.7 116.5
141 78.2 51.6 77.4#



#68
Hexachlorobenzene
Concen: 47.665 ng
RT: 10.922 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

Tgt Ion:284 Resp: 137278
Ion Ratio Lower Upper
284 100
142 34.2 28.7 43.1
249 33.8 27.0 40.4





#69

Atrazine

Concen: 49.142 ng

RT: 11.027 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137237.D

Acq: 01 Feb 2024 17:53

Instrument :

BNA_F

ClientSampleId :

TR-614-COMP-03MSD

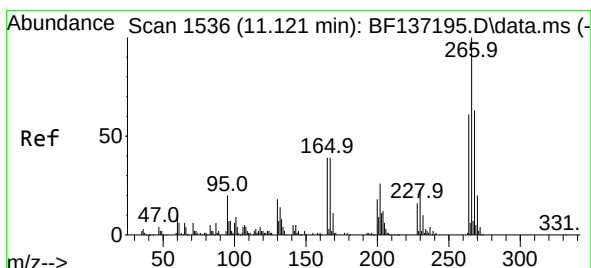
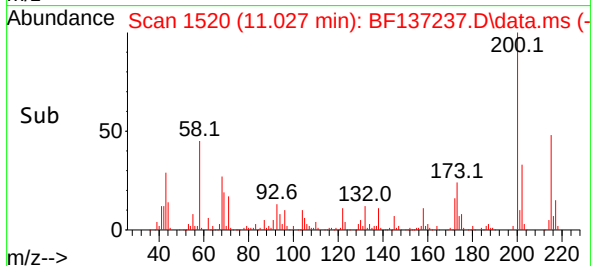
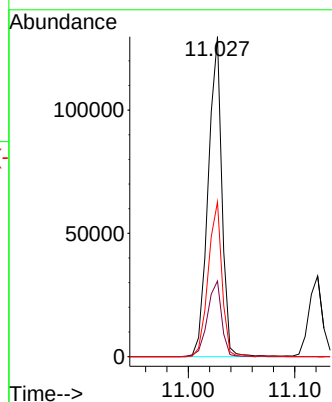
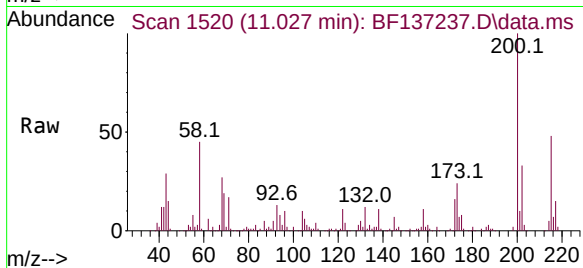
Tgt Ion:200 Resp: 115666

Ion Ratio Lower Upper

200 100

173 23.6 5.3 45.3

215 48.3 29.4 69.4



#70

Pentachlorophenol

Concen: 94.501 ng

RT: 11.121 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF137237.D

Acq: 01 Feb 2024 17:53

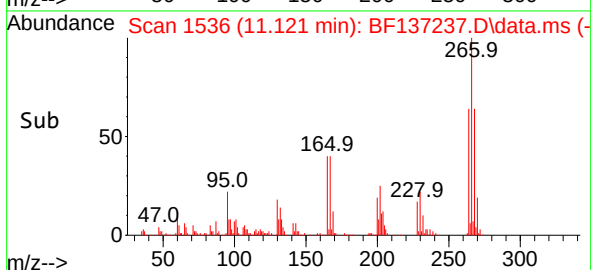
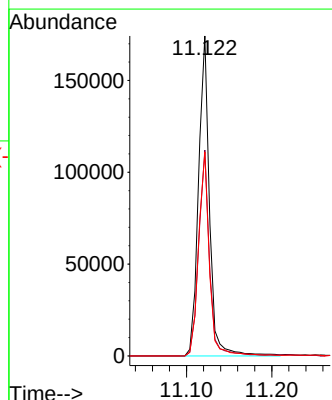
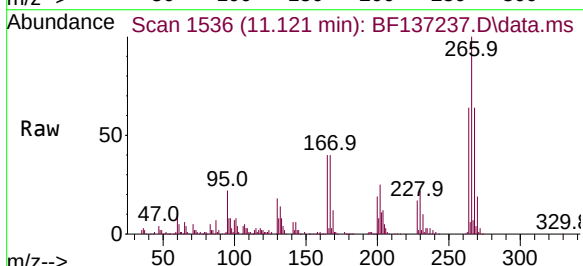
Tgt Ion:266 Resp: 156018

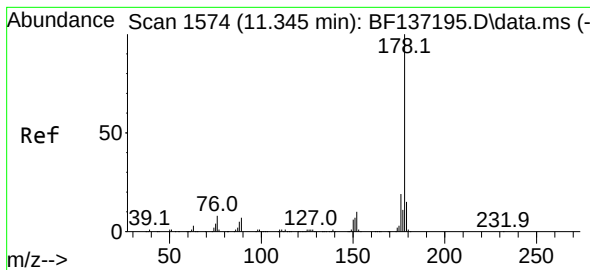
Ion Ratio Lower Upper

266 100

268 64.3 50.6 76.0

264 63.7 48.8 73.2





#71

Phenanthrene

Concen: 46.249 ng

RT: 11.345 min Scan# 1574

Delta R.T. 0.000 min

Lab File: BF137237.D

Acq: 01 Feb 2024 17:53

Instrument :

BNA_F

ClientSampleId :

TR-614-COMP-03MSD

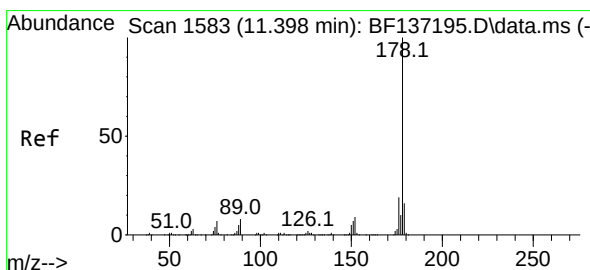
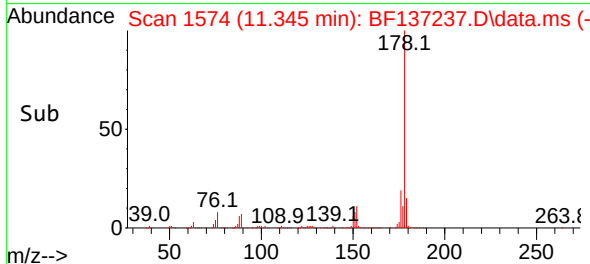
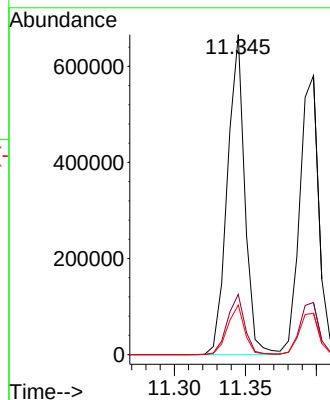
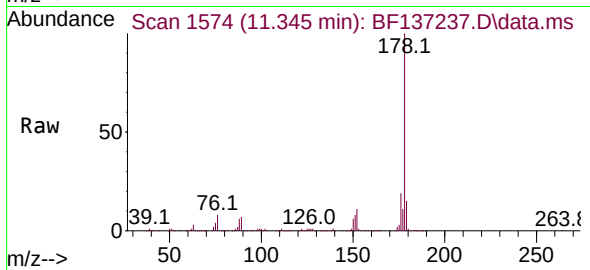
Tgt Ion:178 Resp: 567755

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

179 15.5 12.1 18.1



#72

Anthracene

Concen: 44.102 ng

RT: 11.398 min Scan# 1583

Delta R.T. 0.000 min

Lab File: BF137237.D

Acq: 01 Feb 2024 17:53

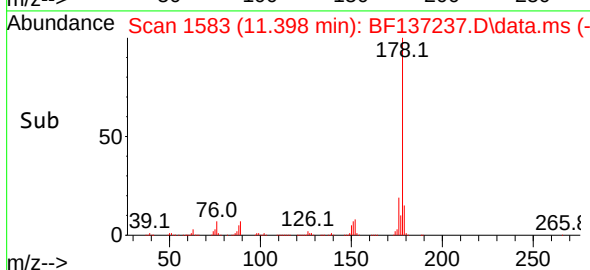
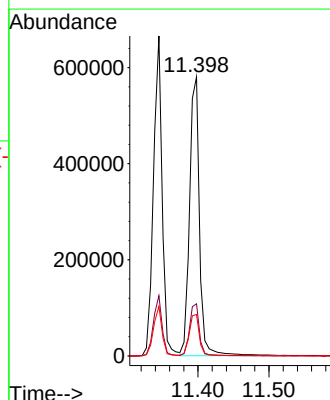
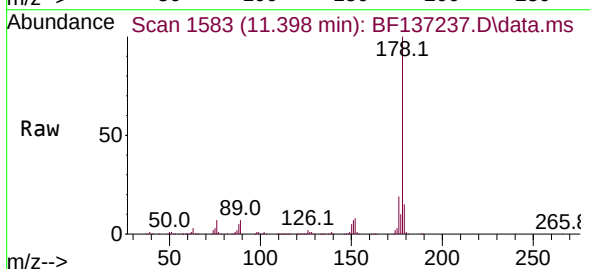
Tgt Ion:178 Resp: 564296

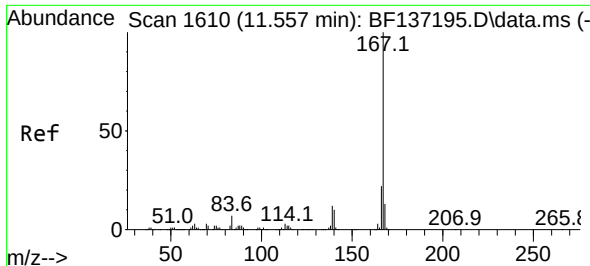
Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

179 14.8 12.7 19.1

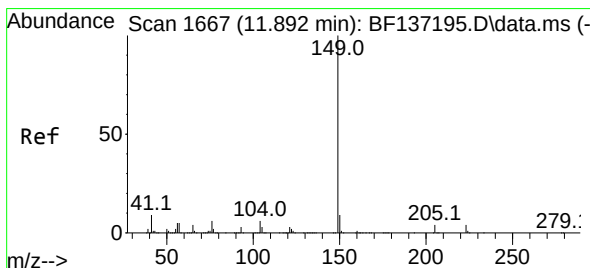
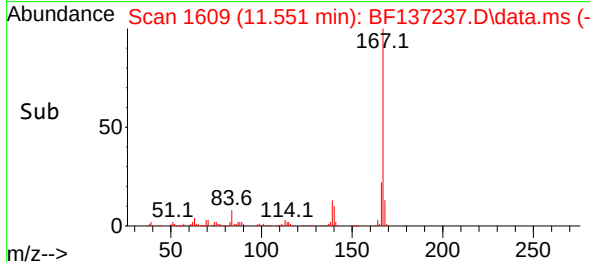
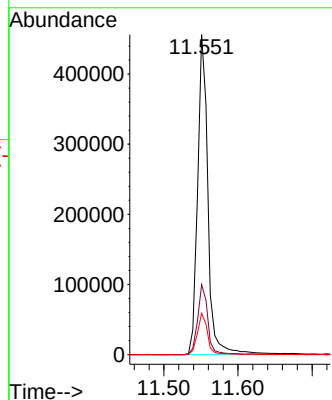
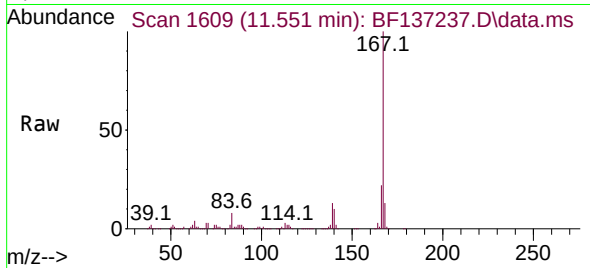




#73
 Carbazole
 Concen: 41.460 ng
 RT: 11.551 min Scan# 1610
 Delta R.T. -0.006 min
 Lab File: BF137237.D
 Acq: 01 Feb 2024 17:53

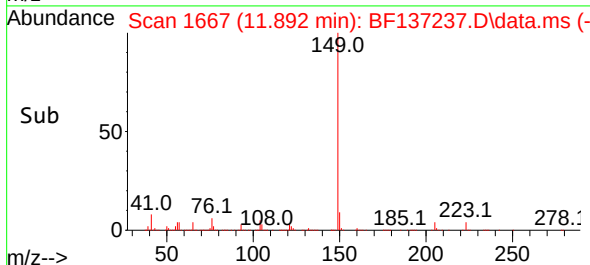
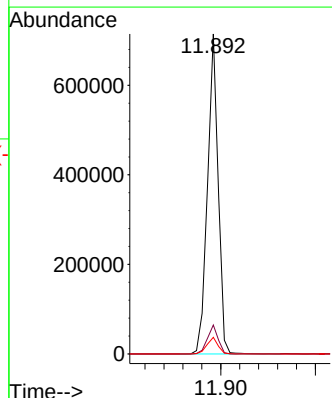
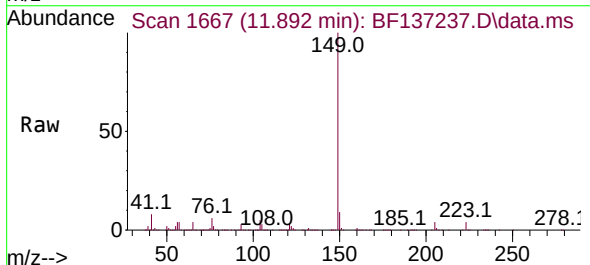
Instrument :
 BNA_F
 ClientSampleId :
 TR-614-COMP-03MSD

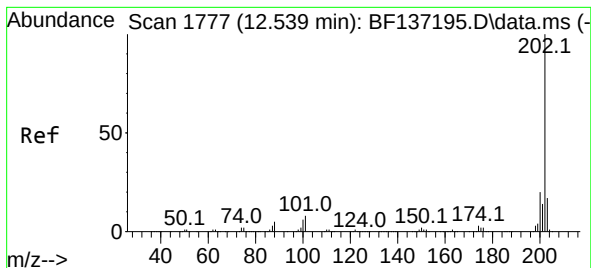
Tgt Ion:167 Resp: 443344
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 12.9 9.7 14.5



#74
 Di-n-butylphthalate
 Concen: 48.434 ng
 RT: 11.892 min Scan# 1667
 Delta R.T. 0.000 min
 Lab File: BF137237.D
 Acq: 01 Feb 2024 17:53

Tgt Ion:149 Resp: 559861
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.2 4.5 6.7





#75

Fluoranthene

Concen: 44.124 ng

RT: 12.533 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137237.D

Acq: 01 Feb 2024 17:53

Instrument :

BNA_F

ClientSampleId :

TR-614-COMP-03MSD

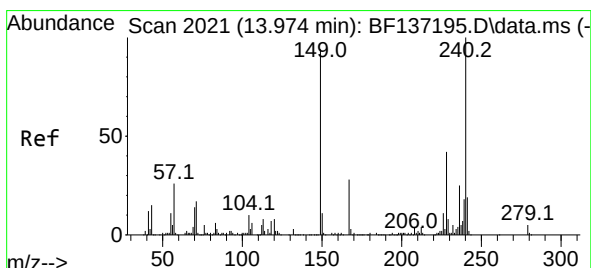
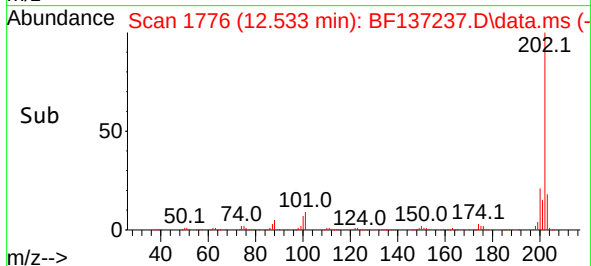
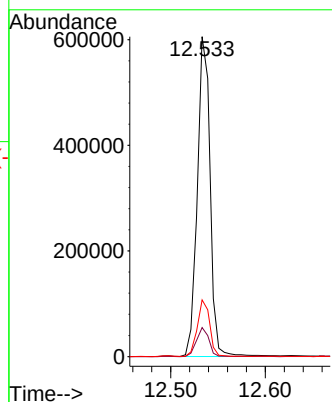
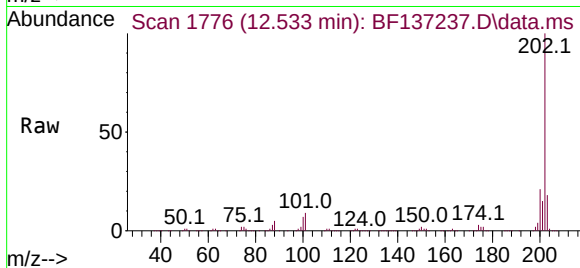
Tgt Ion:202 Resp: 566802

Ion Ratio Lower Upper

202 100

101 9.1 0.0 28.4

203 17.7 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF137237.D

Acq: 01 Feb 2024 17:53

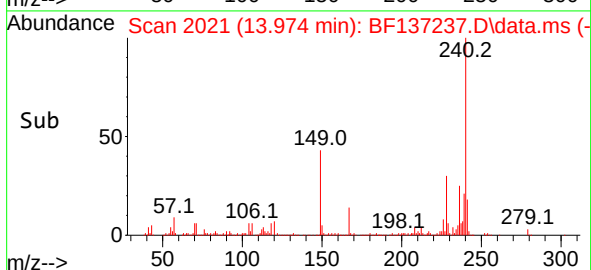
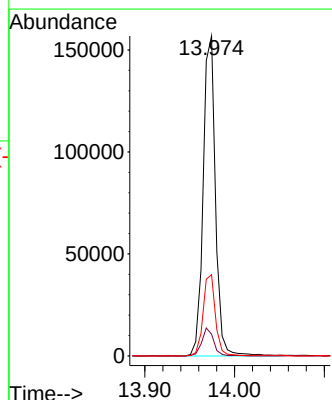
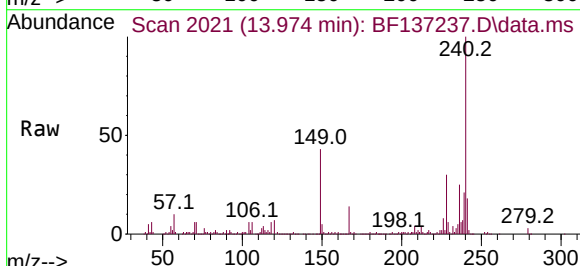
Tgt Ion:240 Resp: 149302

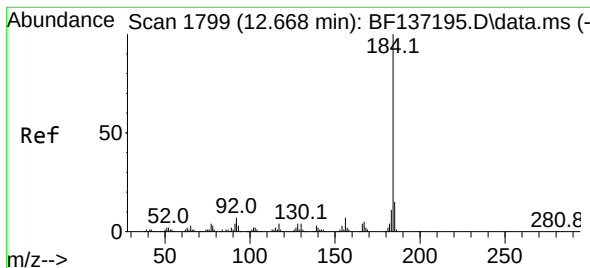
Ion Ratio Lower Upper

240 100

120 6.8 6.3 9.5

236 25.4 20.3 30.5





#77

Benzidine

Concen: 50.984 ng

RT: 12.668 min Scan# 1799

Delta R.T. 0.000 min

Lab File: BF137237.D

Acq: 01 Feb 2024 17:53

Instrument :

BNA_F

ClientSampleId :

TR-614-COMP-03MSD

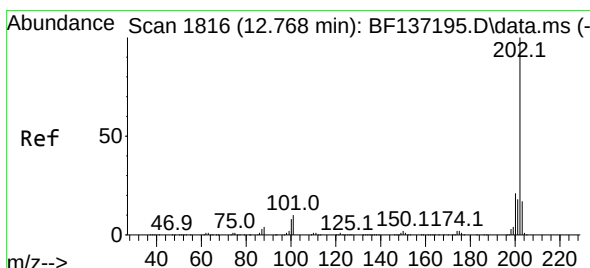
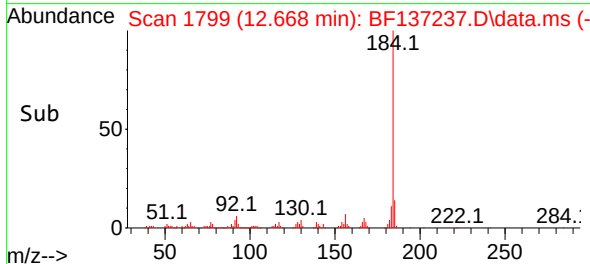
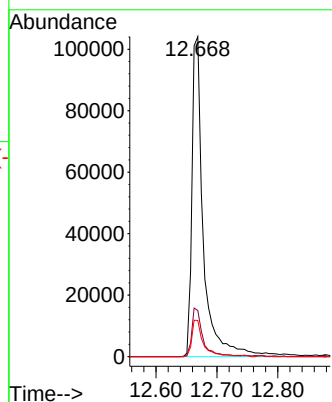
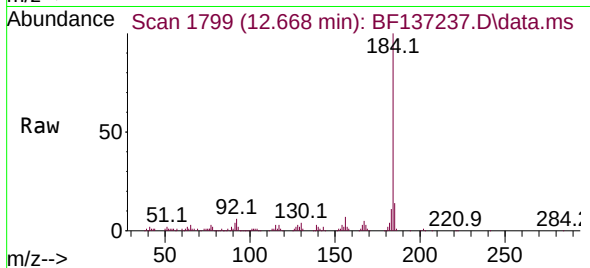
Tgt Ion:184 Resp: 136304

Ion Ratio Lower Upper

184 100

185 14.4 11.9 17.9

183 11.3 8.8 13.2



#78

Pyrene

Concen: 38.806 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF137237.D

Acq: 01 Feb 2024 17:53

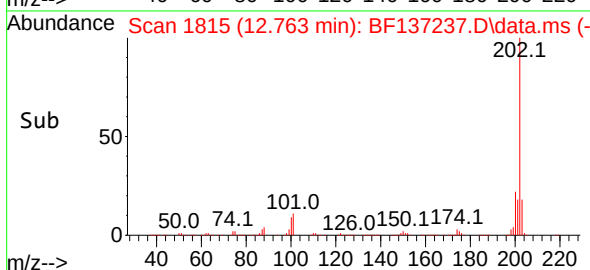
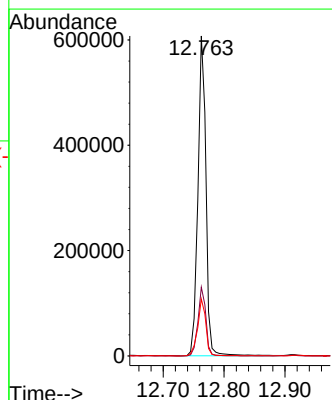
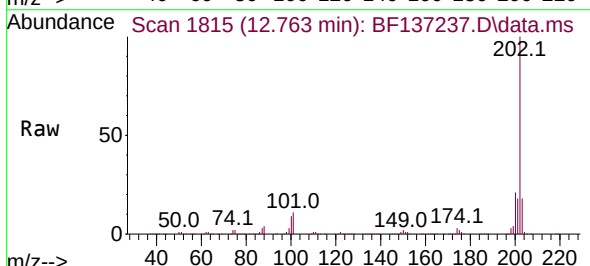
Tgt Ion:202 Resp: 556792

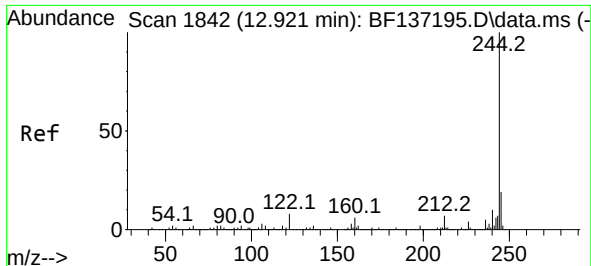
Ion Ratio Lower Upper

202 100

200 21.5 16.5 24.7

203 17.8 13.8 20.6

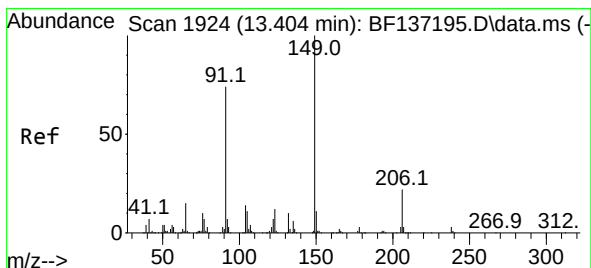
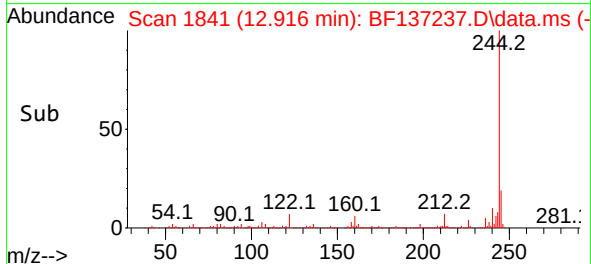
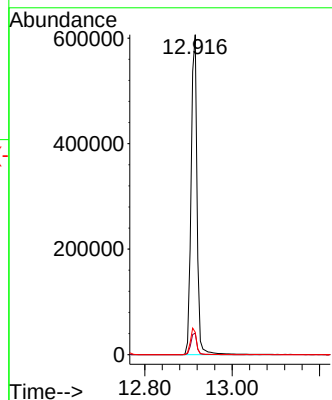
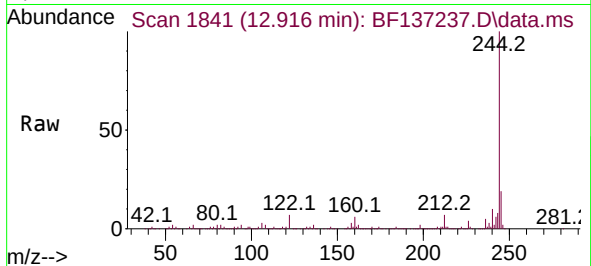




#79
 Terphenyl-d14
 Concen: 52.276 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF137237.D
 Acq: 01 Feb 2024 17:53

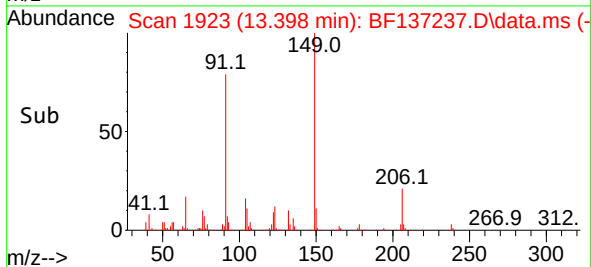
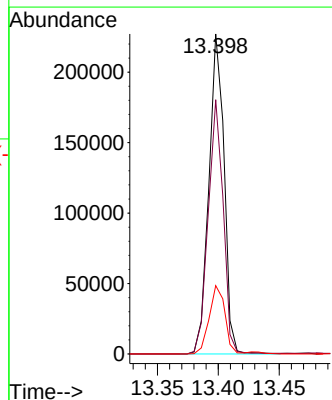
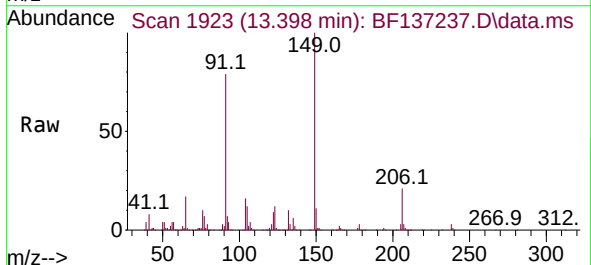
Instrument :
 BNA_F
 ClientSampleId :
 TR-614-COMP-03MSD

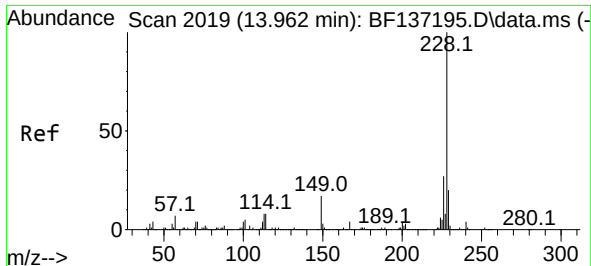
Tgt Ion:244 Resp: 574126
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 7.0 6.2 9.4



#80
 Butylbenzylphthalate
 Concen: 53.969 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: BF137237.D
 Acq: 01 Feb 2024 17:53

Tgt Ion:149 Resp: 198088
 Ion Ratio Lower Upper
 149 100
 91 79.4 58.8 88.2
 206 21.3 17.7 26.5

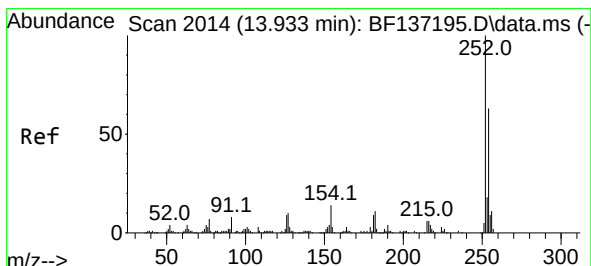
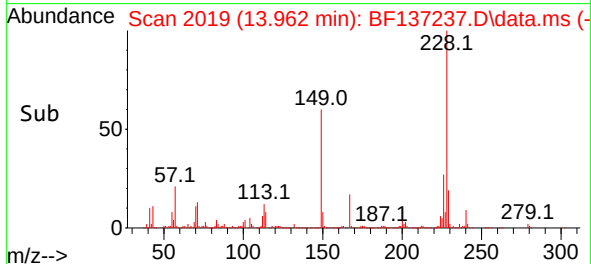
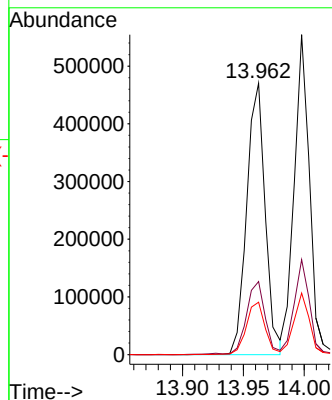
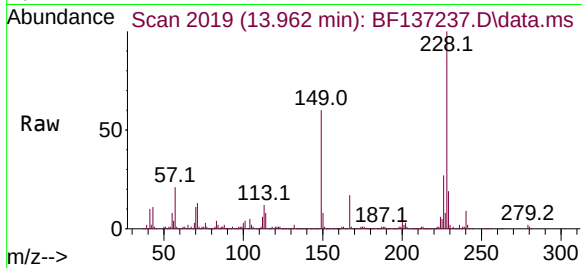




#81
Benzo(a)anthracene
Concen: 46.828 ng
RT: 13.962 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

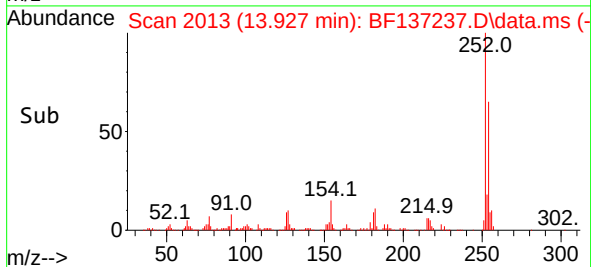
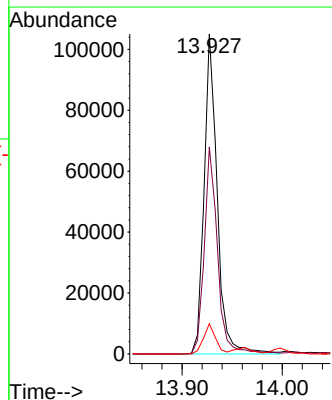
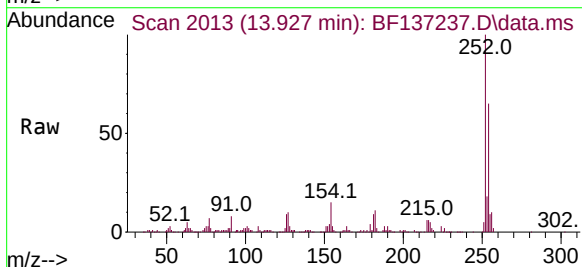
Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-03MSD

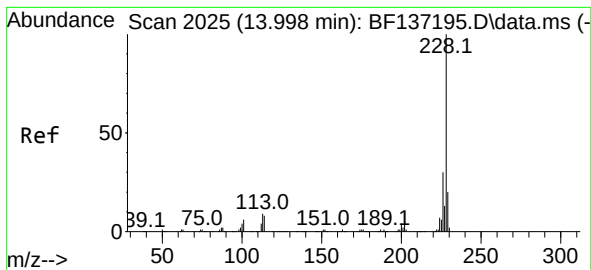
Tgt Ion:228 Resp: 495147
Ion Ratio Lower Upper
228 100
226 26.9 21.6 32.4
229 19.3 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 33.048 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

Tgt Ion:252 Resp: 95203
Ion Ratio Lower Upper
252 100
254 64.7 50.2 75.2
126 9.4 7.0 10.6





#83

Chrysene

Concen: 46.713 ng

RT: 13.998 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF137237.D

Acq: 01 Feb 2024 17:53

Instrument :

BNA_F

ClientSampleId :

TR-614-COMP-03MSD

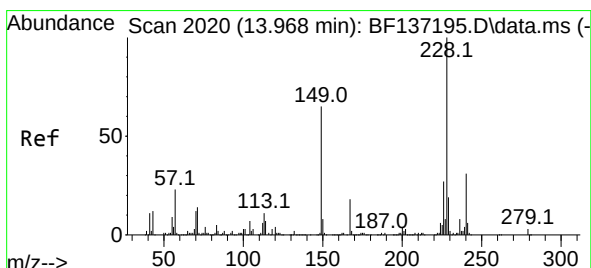
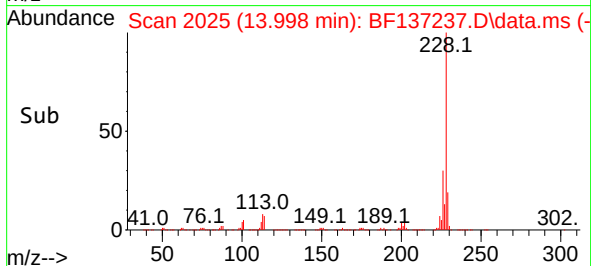
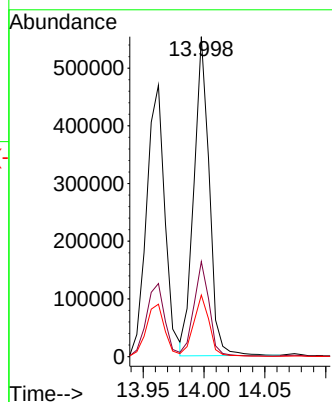
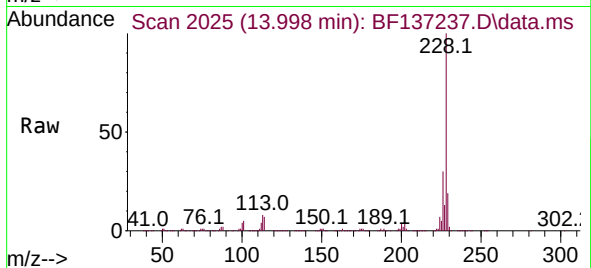
Tgt Ion:228 Resp: 485593

Ion Ratio Lower Upper

228 100

226 29.7 23.7 35.5

229 19.2 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 63.360 ng

RT: 13.962 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF137237.D

Acq: 01 Feb 2024 17:53

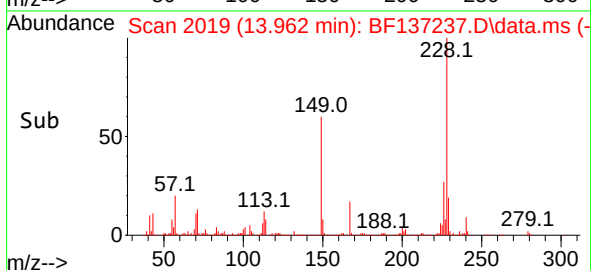
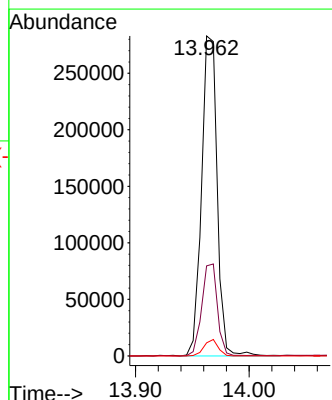
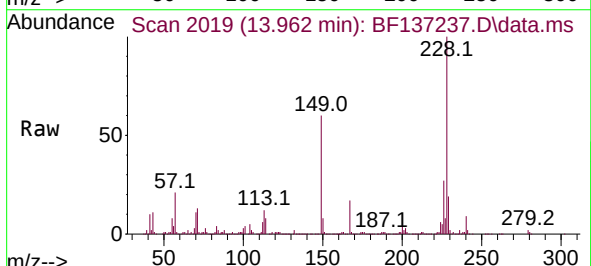
Tgt Ion:149 Resp: 270556

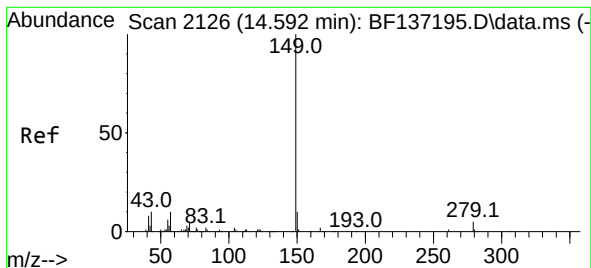
Ion Ratio Lower Upper

149 100

167 28.1 21.7 32.5

279 4.1 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 72.764 ng

RT: 14.586 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137237.D

Acq: 01 Feb 2024 17:53

Instrument :

BNA_F

ClientSampleId :

TR-614-COMP-03MSD

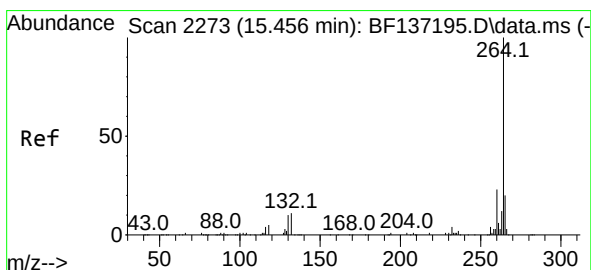
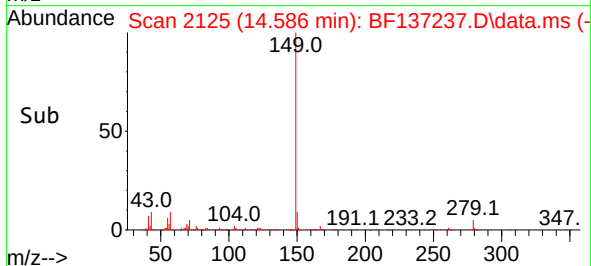
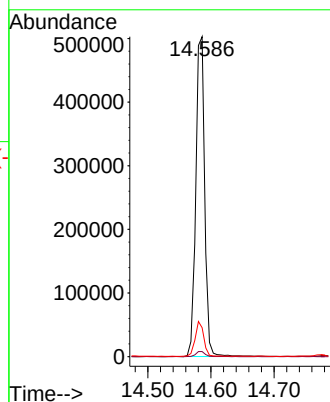
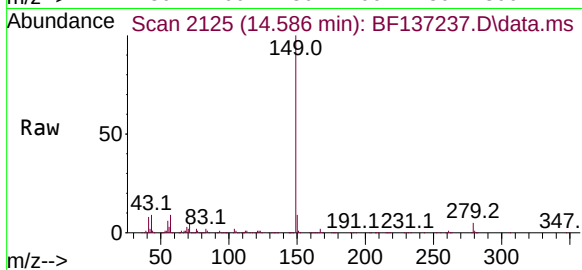
Tgt Ion:149 Resp: 494046

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 10.5 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF137237.D

Acq: 01 Feb 2024 17:53

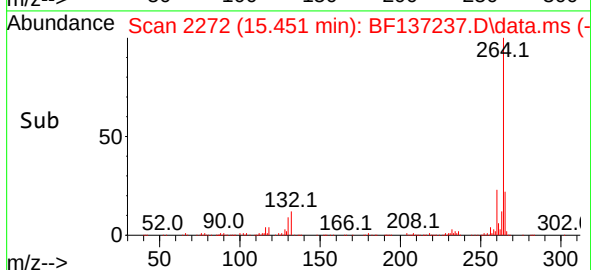
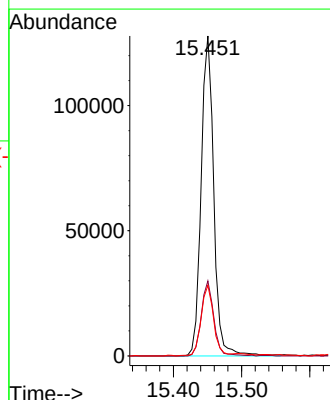
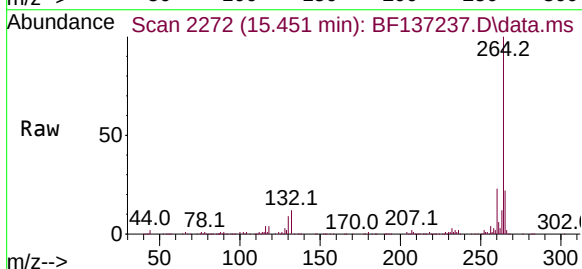
Tgt Ion:264 Resp: 164541

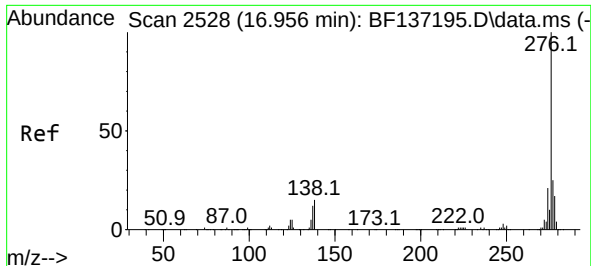
Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.4

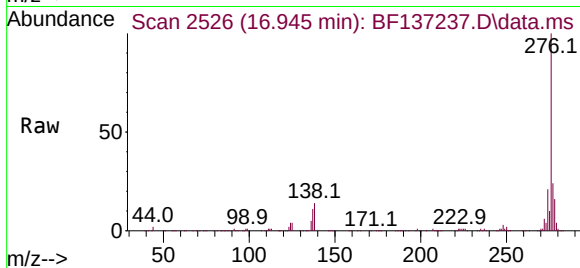
265 22.0 16.2 24.2



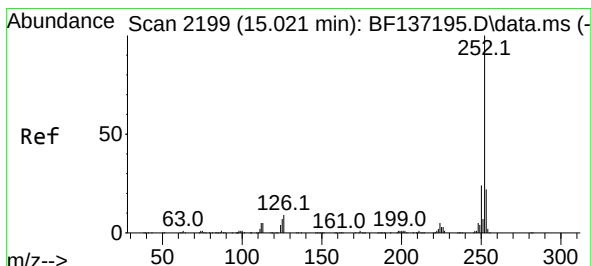
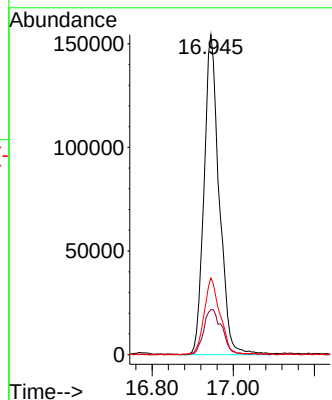
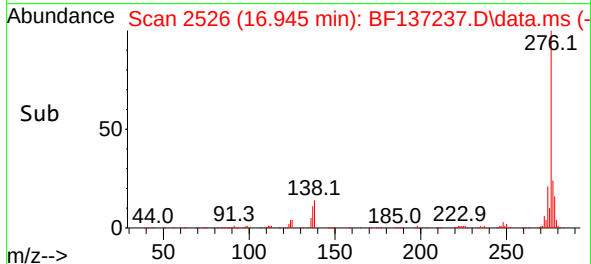


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 34.680 ng
 RT: 16.945 min Scan# 2199
 Delta R.T. -0.012 min
 Lab File: BF137237.D
 Acq: 01 Feb 2024 17:53

Instrument :
 BNA_F
 ClientSampleId :
 TR-614-COMP-03MSD

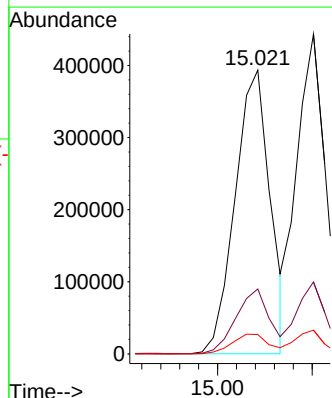
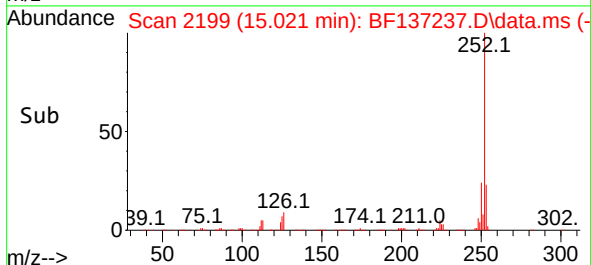
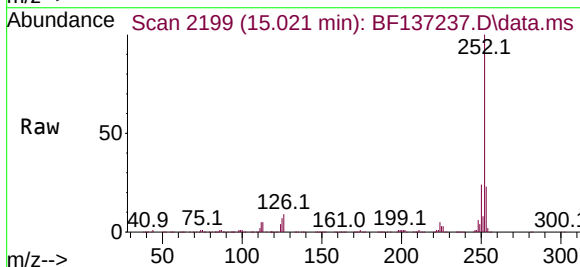


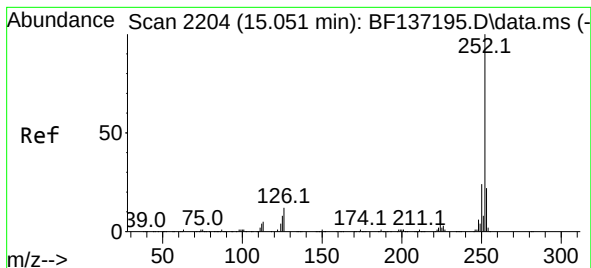
Tgt Ion:276 Resp: 400904
 Ion Ratio Lower Upper
 276 100
 138 17.0 14.6 21.8
 277 25.0 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 49.922 ng
 RT: 15.021 min Scan# 2199
 Delta R.T. 0.000 min
 Lab File: BF137237.D
 Acq: 01 Feb 2024 17:53

Tgt Ion:252 Resp: 505164
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.9 26.9
 125 6.8 5.4 8.2





#89

Benzo(k)fluoranthene

Concen: 43.841 ng

RT: 15.051 min Scan# 2204

Delta R.T. 0.000 min

Lab File: BF137237.D

Acq: 01 Feb 2024 17:53

Instrument :

BNA_F

ClientSampleId :

TR-614-COMP-03MSD

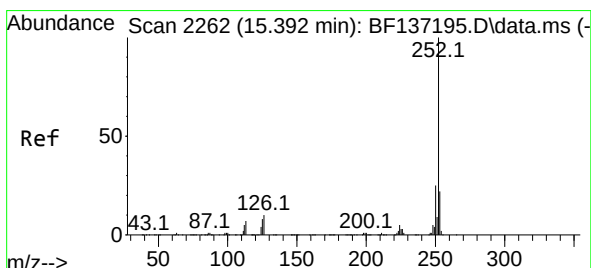
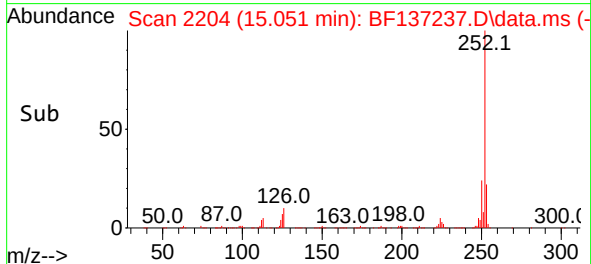
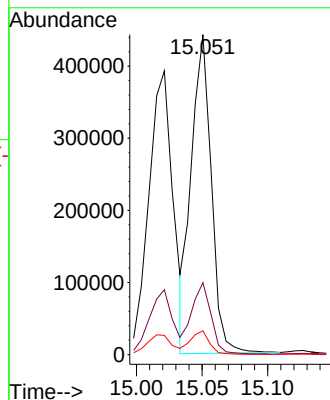
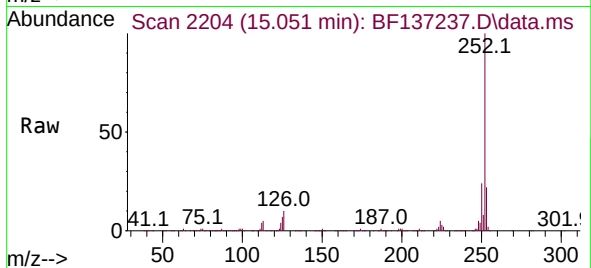
Tgt Ion:252 Resp: 469311

Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.6

125 7.4 5.9 8.9



#90

Benzo(a)pyrene

Concen: 45.622 ng

RT: 15.392 min Scan# 2262

Delta R.T. 0.000 min

Lab File: BF137237.D

Acq: 01 Feb 2024 17:53

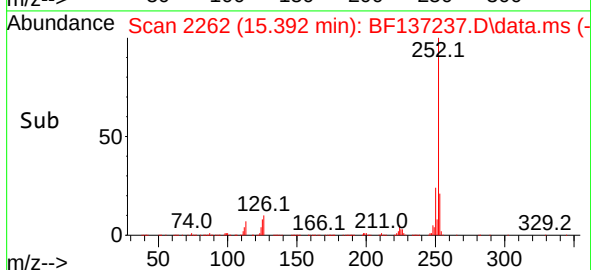
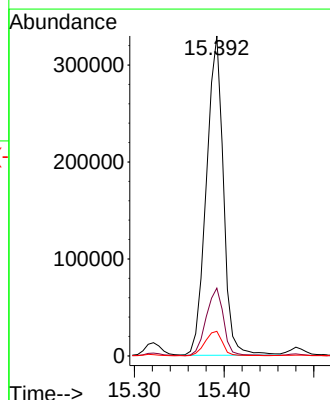
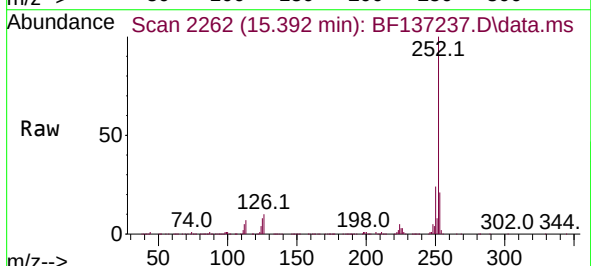
Tgt Ion:252 Resp: 434447

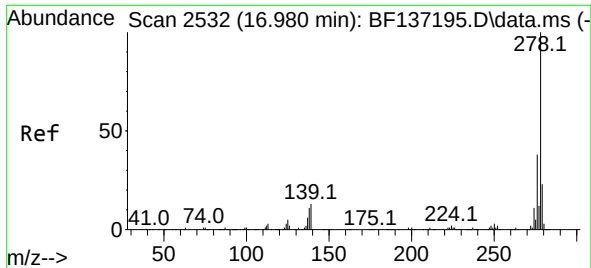
Ion Ratio Lower Upper

252 100

253 21.2 17.8 26.6

125 7.7 6.5 9.7

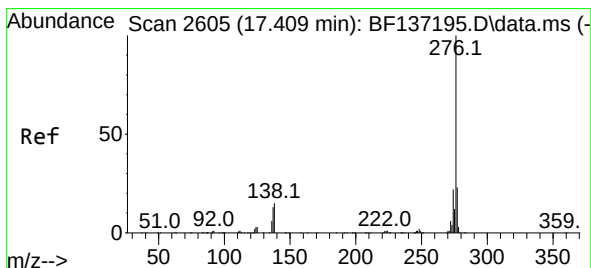
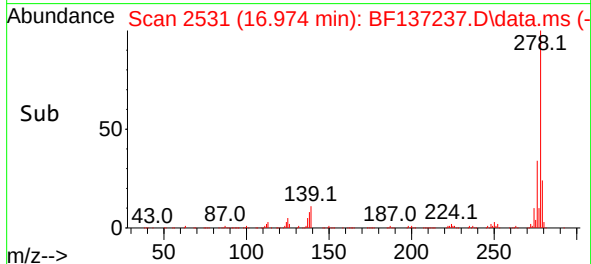
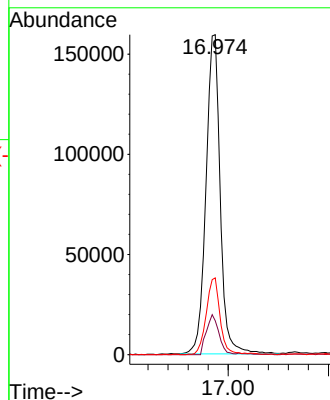
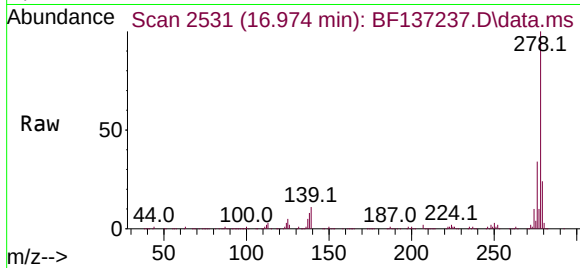




#91
Dibenzo(a,h)anthracene
Concen: 33.893 ng
RT: 16.974 min Scan# 2531
Delta R.T. -0.006 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-03MSD

Tgt Ion:278 Resp: 313940
Ion Ratio Lower Upper
278 100
139 10.6 10.0 15.0
279 24.0 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 32.589 ng
RT: 17.398 min Scan# 2603
Delta R.T. -0.012 min
Lab File: BF137237.D
Acq: 01 Feb 2024 17:53

Tgt Ion:276 Resp: 296271
Ion Ratio Lower Upper
276 100
277 23.2 18.4 27.6
138 15.0 11.8 17.8

