

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
 Data File : BF137211.D
 Acq On : 31 Jan 2024 15:33
 Operator : CG\JU
 Sample : P1297-01MS 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-013024MS

Quant Time: Feb 01 01:17:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	41865	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	146622	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	81842	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	163408	20.000	ng	0.00
76) Chrysene-d12	13.974	240	140810	20.000	ng	0.00
86) Perylene-d12	15.457	264	105526	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	63323	24.958	ng	0.00
7) Phenol-d6	6.416	99	82677	22.834	ng	-0.01
23) Nitrobenzene-d5	7.351	82	53391	16.303	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	24324	26.317	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	103175	17.330	ng	0.00
79) Terphenyl-d14	12.916	244	149291	14.413	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.534	88	11719	8.632	ng	90
3) Pyridine	3.299	79	19629	9.726	ng	97
4) n-Nitrosodimethylamine	3.246	42	7493	10.792	ng	# 90
6) Aniline	6.463	93	13301	3.432	ng	# 87
8) 2-Chlorophenol	6.575	128	28000	9.870	ng	96
9) Benzaldehyde	6.346	77	9953	7.218	ng	97
10) Phenol	6.434	94	35842	8.868	ng	95
11) bis(2-Chloroethyl)ether	6.528	93	26143	9.679	ng	99
12) 1,3-Dichlorobenzene	6.734	146	32719	9.837	ng	95
13) 1,4-Dichlorobenzene	6.810	146	33868	9.846	ng	96
14) 1,2-Dichlorobenzene	6.957	146	32056	9.967	ng	92
15) Benzyl Alcohol	6.928	79	24922	9.688	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.063	45	47123	9.685	ng	98
17) 2-Methylphenol	7.040	107	22762	9.604	ng	97
18) Hexachloroethane	7.304	117	13234	10.667	ng	96
19) n-Nitroso-di-n-propyla...	7.193	70	26196	10.552	ng	99
20) 3+4-Methylphenols	7.193	107	26984	8.994	ng	# 85
22) Acetophenone	7.198	105	44806	11.351	ng	# 96
24) Nitrobenzene	7.369	77	31595	9.940	ng	95
25) Isophorone	7.604	82	64830	10.725	ng	97
26) 2-Nitrophenol	7.687	139	11391	11.234	ng	# 86
27) 2,4-Dimethylphenol	7.722	122	17964	10.397	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	34714	10.814	ng	99
29) 2,4-Dichlorophenol	7.928	162	21159	9.872	ng	97
30) 1,2,4-Trichlorobenzene	8.010	180	28111	10.559	ng	95
31) Naphthalene	8.092	128	87194	11.000	ng	98
32) Benzoic acid	7.792	122	7395	13.456	ng	# 70
33) 4-Chloroaniline	8.145	127	10508	3.854	ng	# 95
34) Hexachlorobutadiene	8.210	225	19957	11.273	ng	95
36) 4-Chloro-3-methylphenol	8.616	107	25148	9.934	ng	98
37) 2-Methylnaphthalene	8.781	142	58683	11.043	ng	98
38) 1-Methylnaphthalene	8.881	142	52922	10.722	ng	97
40) 1,2,4,5-Tetrachloroben...	8.945	216	29784	10.876	ng	99
41) Hexachlorocyclopentadiene	8.934	237	8669	6.646	ng	92
43) 2,4,6-Trichlorophenol	9.057	196	16913	10.889	ng	93
44) 2,4,5-Trichlorophenol	9.098	196	17260	10.166	ng	97

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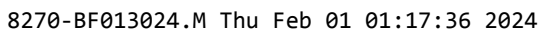
Instrument :
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 TR-05-013024MS

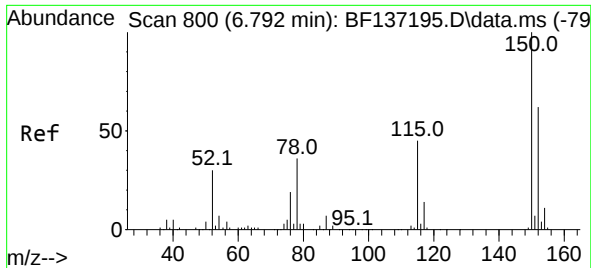
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.245	154	71881	11.039	ng	99
47) 2-Chloronaphthalene	9.269	162	49319	10.234	ng	98
48) 2-Nitroaniline	9.369	65	15730	10.085	ng	92
49) Acenaphthylene	9.686	152	83054	10.766	ng	98
50) Dimethylphthalate	9.545	163	61941	11.203	ng	99
51) 2,6-Dinitrotoluene	9.610	165	13108	11.118	ng	94
52) Acenaphthene	9.857	154	55583	12.259	ng	96
53) 3-Nitroaniline	9.781	138	9527	8.979	ng	94
54) 2,4-Dinitrophenol	9.892	184	1618	14.187	ng	# 82
55) Dibenzofuran	10.034	168	79179	10.976	ng	98
56) 4-Nitrophenol	9.939	139	13820	20.952	ng	# 83
57) 2,4-Dinitrotoluene	10.010	165	14834	9.697	ng	# 99
58) Fluorene	10.375	166	67091	11.864	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.151	232	17554	11.112	ng	# 83
60) Diethylphthalate	10.251	149	65348	12.003	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	30780	10.950	ng	95
62) 4-Nitroaniline	10.392	138	7315	7.203	ng	82
63) Azobenzene	10.533	77	62406	10.350	ng	93
65) 4,6-Dinitro-2-methylph...	10.422	198	2036	7.540	ng	# 81
66) n-Nitrosodiphenylamine	10.486	169	53785	10.825	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	19513	10.860	ng	# 90
68) Hexachlorobenzene	10.922	284	20489	10.209	ng	# 92
69) Atrazine	11.022	200	20248	12.345	ng	97
70) Pentachlorophenol	11.116	266	25817	22.440	ng	97
71) Phenanthrene	11.339	178	142358	16.641	ng	99
72) Anthracene	11.392	178	115615	12.966	ng	99
73) Carbazole	11.551	167	92931	12.471	ng	99
74) Di-n-butylphthalate	11.892	149	106082	13.170	ng	99
75) Fluoranthene	12.539	202	243527	27.205	ng	99
77) Benzidine	12.675	184	38434	15.243	ng	98
78) Pyrene	12.769	202	243993	18.031	ng	99
80) Butylbenzylphthalate	13.398	149	46568	13.453	ng	93
81) Benzo(a)anthracene	13.963	228	197576	19.813	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	17970	6.614	ng	# 93
83) Chrysene	13.998	228	182740	18.639	ng	96
84) Bis(2-ethylhexyl)phtha...	13.969	149	70840	17.590	ng	99
85) Di-n-octyl phthalate	14.586	149	114675	17.908	ng	100
87) Indeno(1,2,3-cd)pyrene	16.951	276	92430	12.467	ng	99
88) Benzo(b)fluoranthene	15.021	252	143921	22.177	ng	98
89) Benzo(k)fluoranthene	15.051	252	112695	16.415	ng	99
90) Benzo(a)pyrene	15.392	252	111304	18.225	ng	99
91) Dibenzo(a,h)anthracene	16.974	278	57681	9.710	ng	97
92) Benzo(g,h,i)perylene	17.404	276	74590	12.793	ng	99

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

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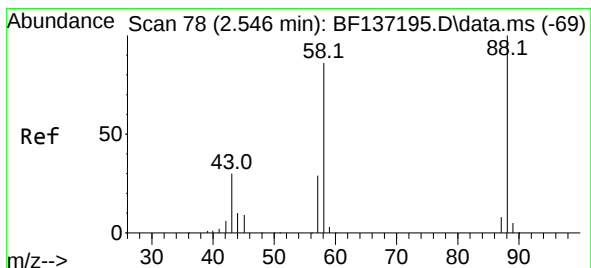
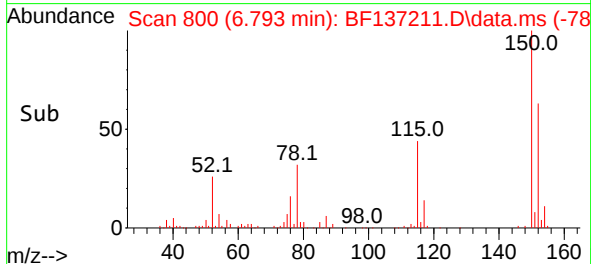
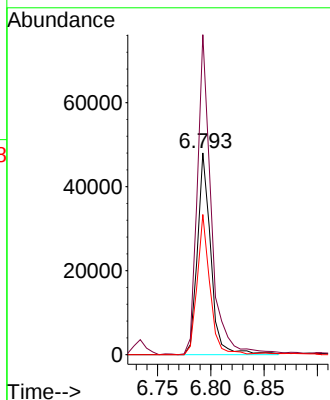
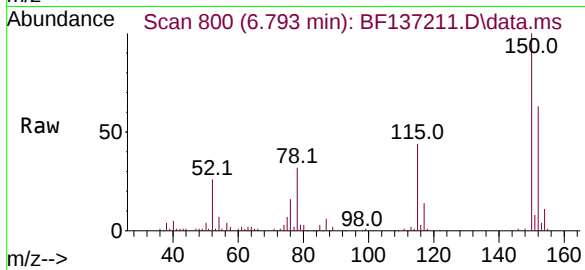




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 80
 Delta R.T. 0.001 min
 Lab File: BF137211.D
 Acq: 31 Jan 2024 15:33

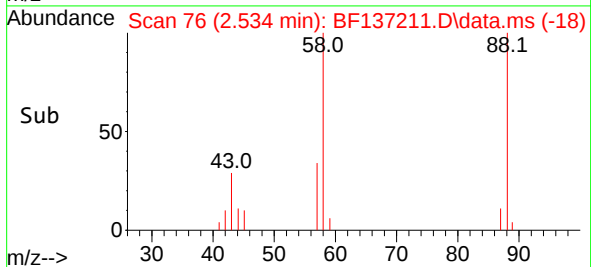
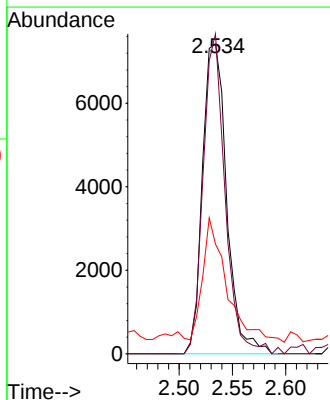
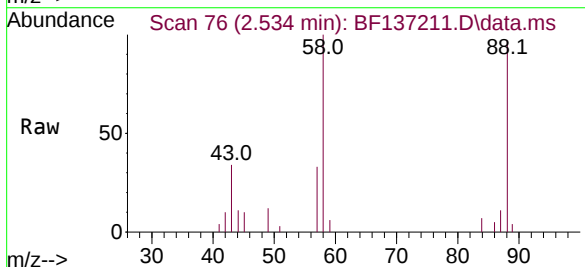
Instrument :
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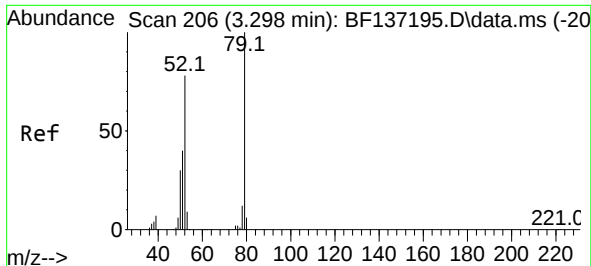
Tgt Ion:152 Resp: 41865
 Ion Ratio Lower Upper
 152 100
 150 158.7 129.8 194.8
 115 69.5 58.5 87.7



#2
 1,4-Dioxane
 Concen: 8.632 ng
 RT: 2.534 min Scan# 76
 Delta R.T. -0.012 min
 Lab File: BF137211.D
 Acq: 31 Jan 2024 15:33

Tgt Ion: 88 Resp: 11719
 Ion Ratio Lower Upper
 88 100
 58 93.5 67.8 101.8
 43 39.9 26.6 40.0

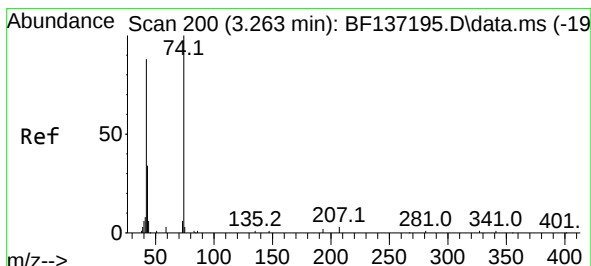
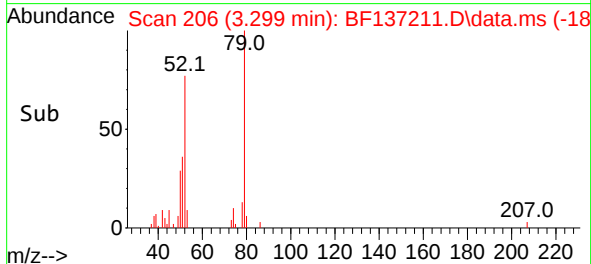
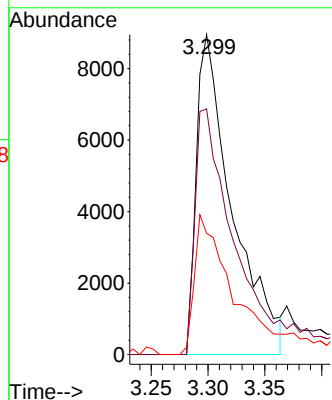
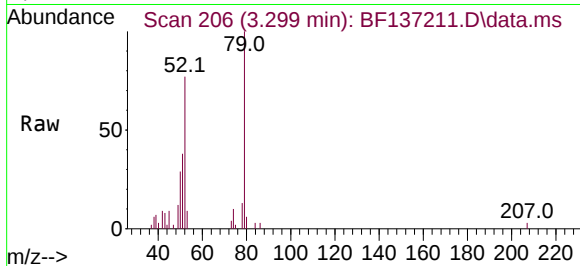




#3
Pyridine
Concen: 9.726 ng
RT: 3.299 min Scan# 206
Delta R.T. 0.001 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

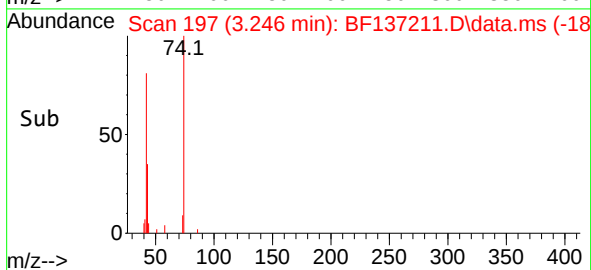
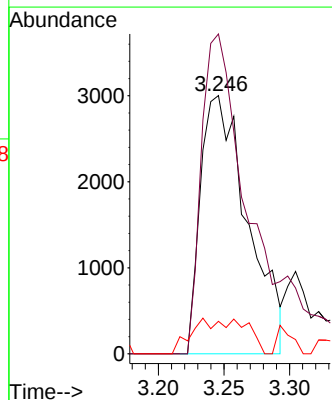
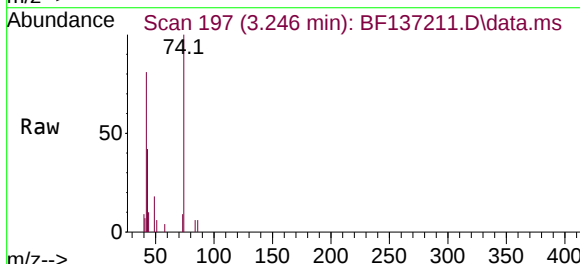
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MS

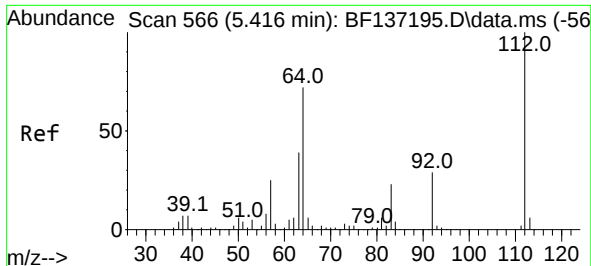
Tgt Ion: 79	Resp: 19629
Ion Ratio	Lower Upper
79 100	
52 76.8	62.6 94.0
51 37.9	33.0 49.4



#4
n-Nitrosodimethylamine
Concen: 10.792 ng
RT: 3.246 min Scan# 197
Delta R.T. -0.017 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

Tgt Ion: 42	Resp: 7493		
Ion Ratio	Lower	Upper	
42	100		
74	123.9	90.5	135.7
44	12.6	6.1	9.1#

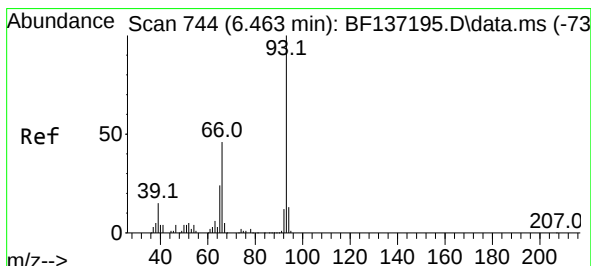
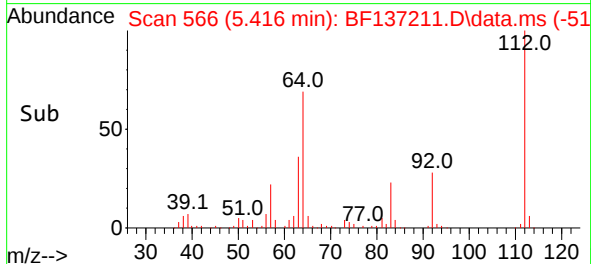
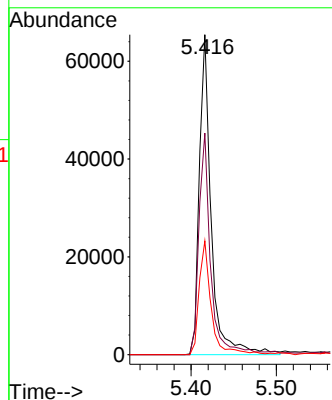
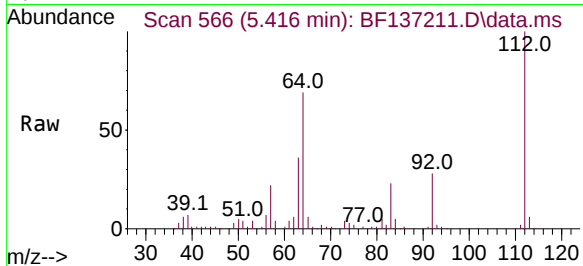




#5
2-Fluorophenol
Concen: 24.958 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.000 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

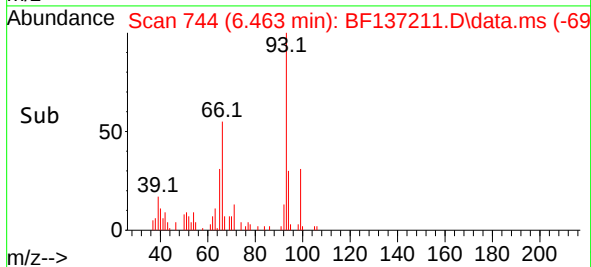
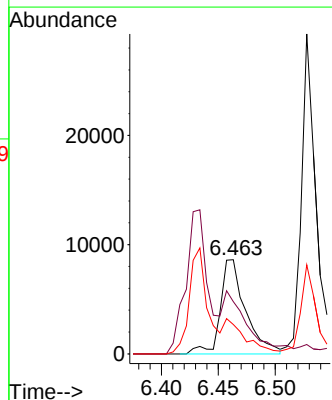
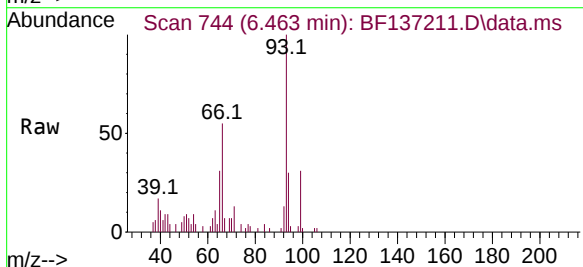
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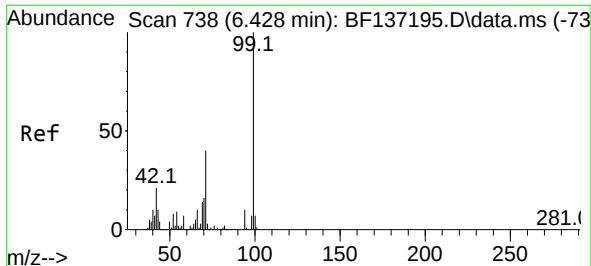
Tgt Ion:112 Resp: 63323
Ion Ratio Lower Upper
112 100
64 69.2 57.8 86.6
63 35.5 31.4 47.0



#6
Aniline
Concen: 3.432 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

Tgt Ion: 93 Resp: 13301
Ion Ratio Lower Upper
93 100
66 55.4 37.9 56.9
65 31.1 19.0 28.4

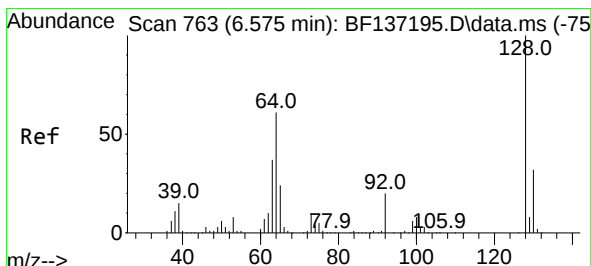
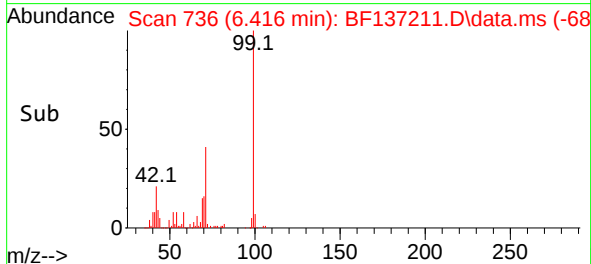
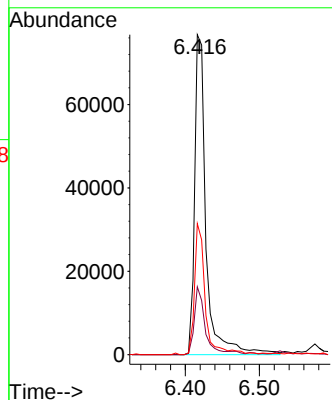
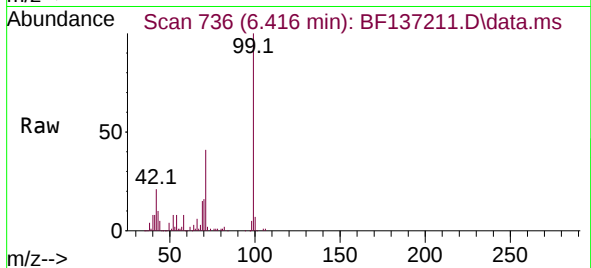




#7
Phenol-d6
Concen: 22.834 ng
RT: 6.416 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

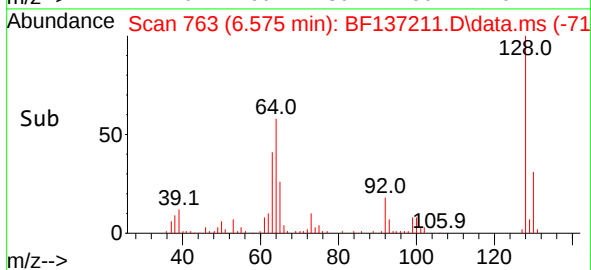
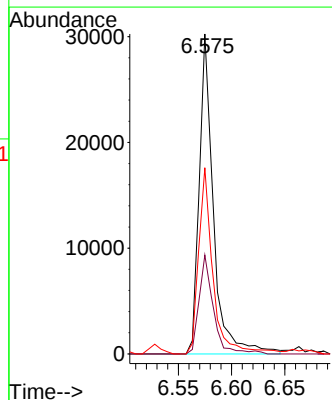
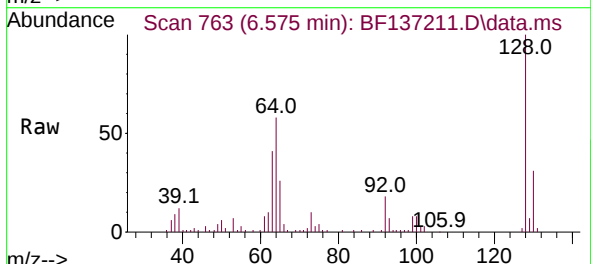
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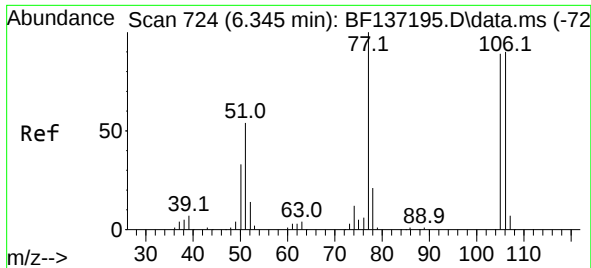
Tgt Ion: 99 Resp: 82677
Ion Ratio Lower Upper
99 100
42 21.2 16.4 24.6
71 40.9 32.4 48.6



#8
2-Chlorophenol
Concen: 9.870 ng
RT: 6.575 min Scan# 763
Delta R.T. 0.000 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

Tgt Ion: 128 Resp: 28000
Ion Ratio Lower Upper
128 100
130 30.9 12.4 52.4
64 58.2 41.6 81.6





#9

Benzaldehyde

Concen: 7.218 ng

RT: 6.346 min Scan# 71

Delta R.T. 0.001 min

Lab File: BF137211.D

Acq: 31 Jan 2024 15:33

Instrument :

BNA_F

ClientSampleId :

TR-05-013024MS

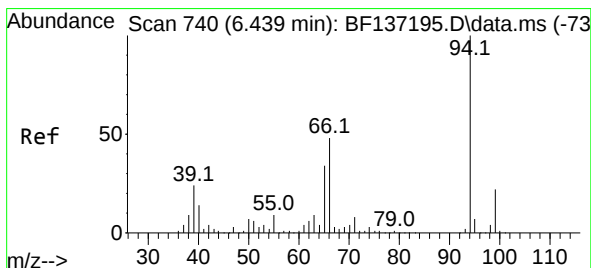
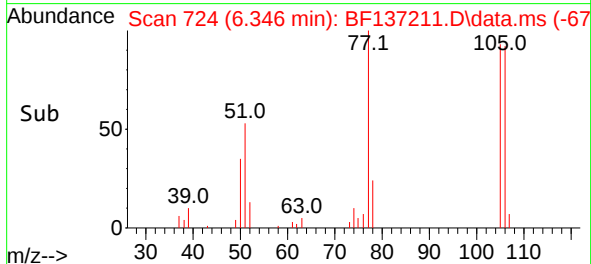
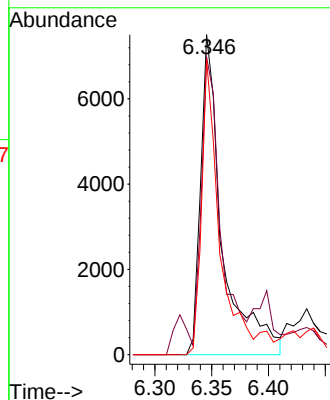
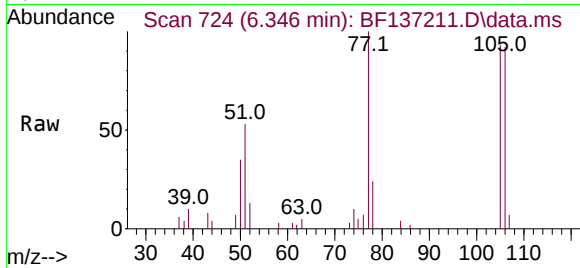
Tgt Ion: 77 Resp: 9953

Ion Ratio Lower Upper

77 100

105 93.0 69.1 109.1

106 92.3 69.6 109.6



#10

Phenol

Concen: 8.868 ng

RT: 6.434 min Scan# 739

Delta R.T. -0.005 min

Lab File: BF137211.D

Acq: 31 Jan 2024 15:33

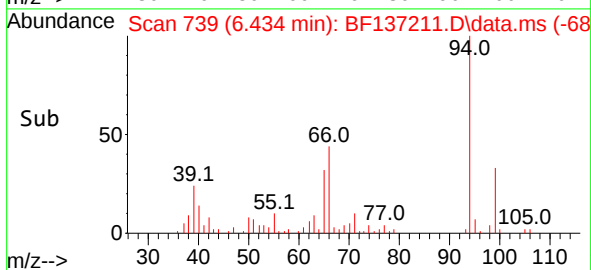
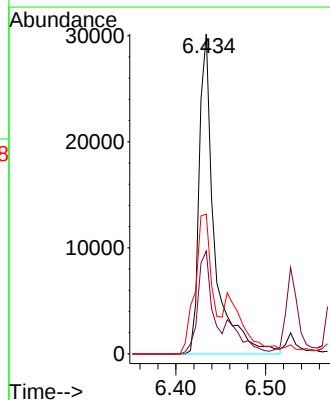
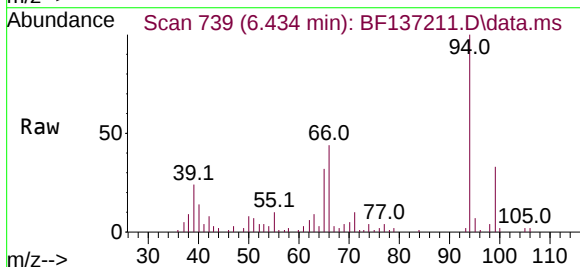
Tgt Ion: 94 Resp: 35842

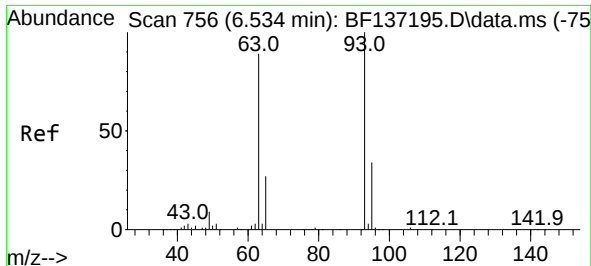
Ion Ratio Lower Upper

94 100

65 32.2 13.7 53.7

66 43.7 27.8 67.8

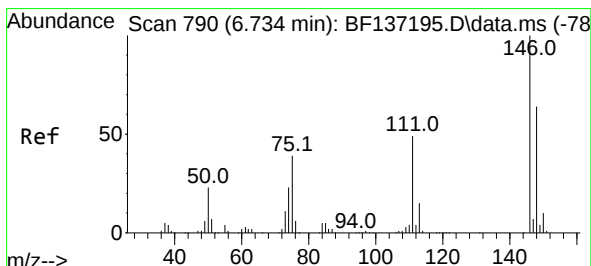
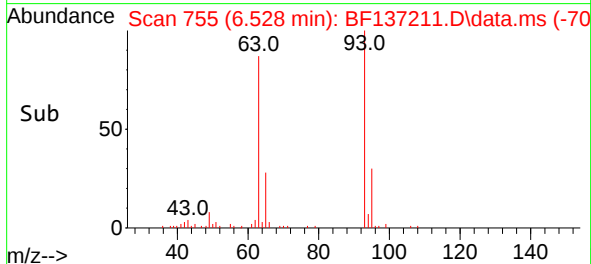
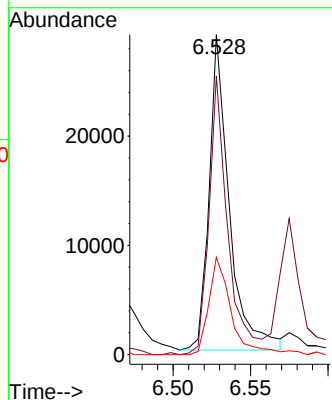
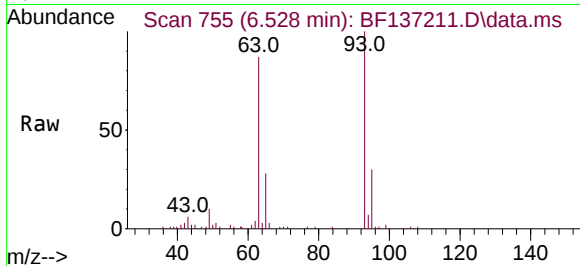




#11
bis(2-Chloroethyl)ether
Concen: 9.679 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

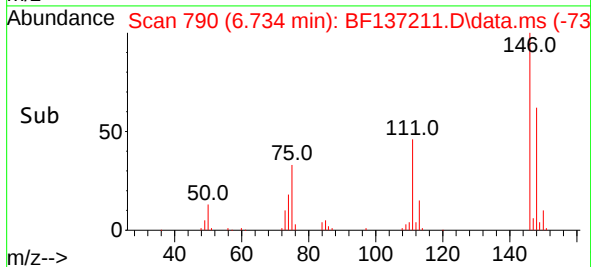
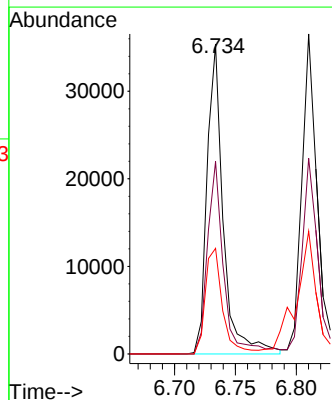
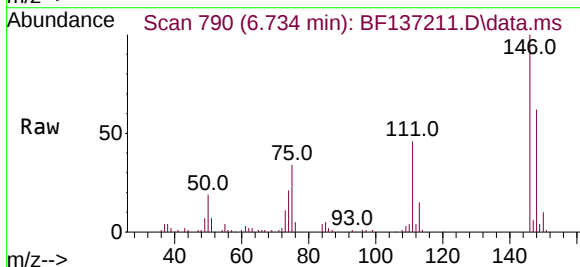
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MS

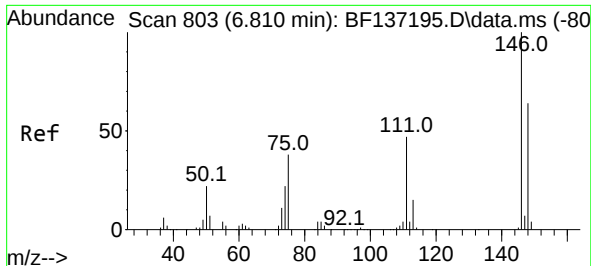
Tgt Ion: 93	Resp: 26143
Ion Ratio	Lower Upper
93 100	
63 87.1	66.7 106.7
95 30.4	12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 9.837 ng
RT: 6.734 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

Tgt Ion:146	Resp:	32719	
Ion	Ratio	Lower	Upper
146	100		
148	62.2	51.4	77.0
75	34.1	31.3	46.9





#13

1,4-Dichlorobenzene

Concen: 9.846 ng

RT: 6.810 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF137211.D

Acq: 31 Jan 2024 15:33

Instrument :

BNA_F

ClientSampleId :

TR-05-013024MS

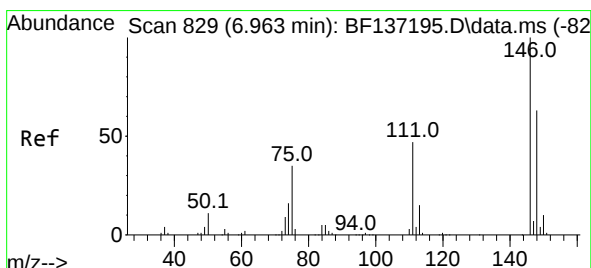
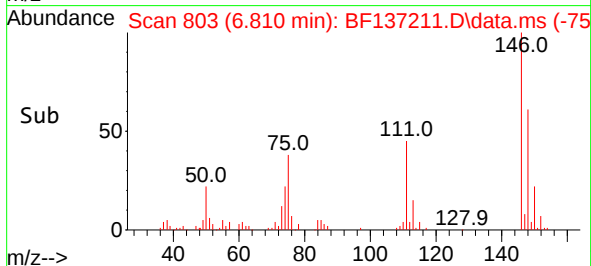
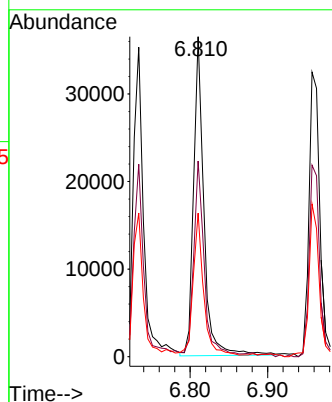
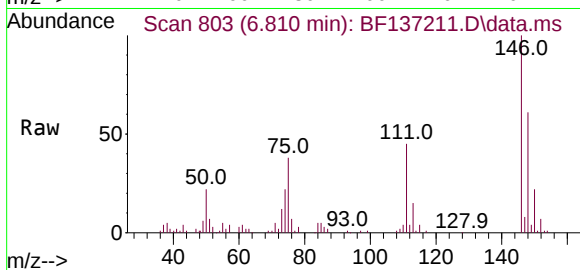
Tgt Ion:146 Resp: 33868

Ion Ratio Lower Upper

146 100

148 61.1 51.5 77.3

111 44.8 38.1 57.1



#14

1,2-Dichlorobenzene

Concen: 9.967 ng

RT: 6.957 min Scan# 828

Delta R.T. -0.006 min

Lab File: BF137211.D

Acq: 31 Jan 2024 15:33

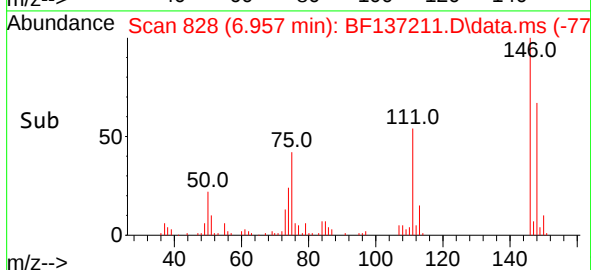
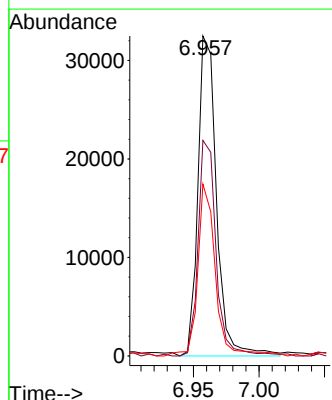
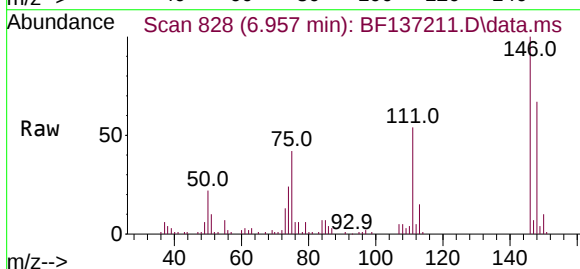
Tgt Ion:146 Resp: 32056

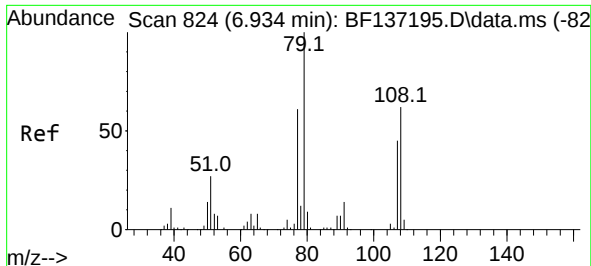
Ion Ratio Lower Upper

146 100

148 67.3 50.6 75.8

111 53.7 37.3 55.9

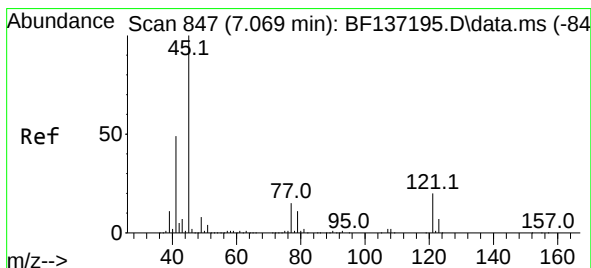
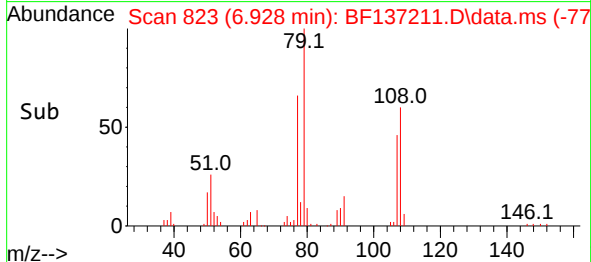
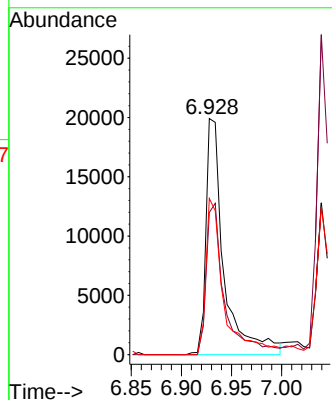
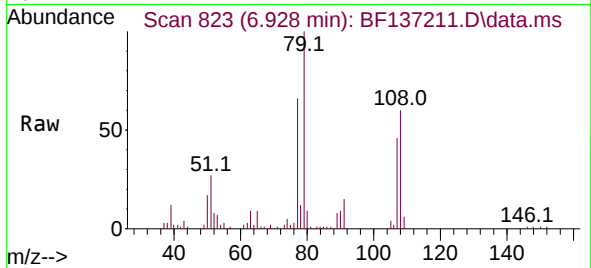




#15
Benzyl Alcohol
Concen: 9.688 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

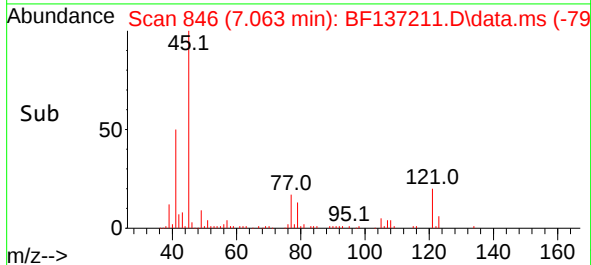
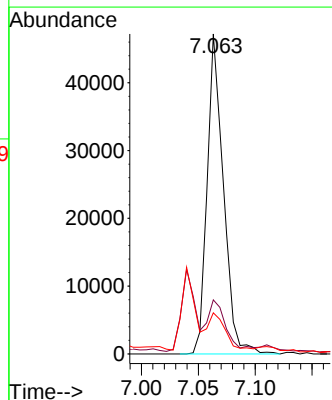
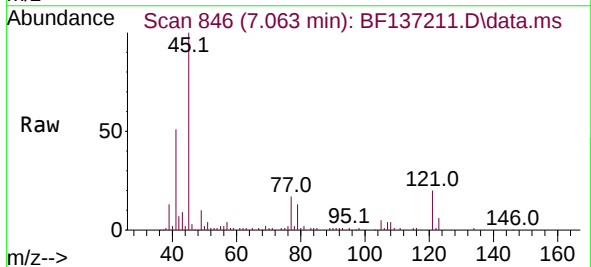
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MS

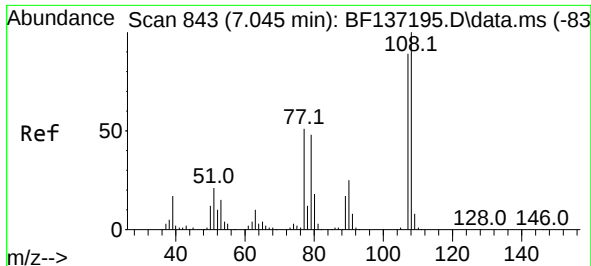
Tgt Ion: 79 Resp: 24922
Ion Ratio Lower Upper
79 100
108 60.2 49.3 73.9
77 66.1 48.8 73.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.685 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

Tgt Ion: 45 Resp: 47123
Ion Ratio Lower Upper
45 100
77 16.9 0.0 35.9
79 12.8 0.0 32.4

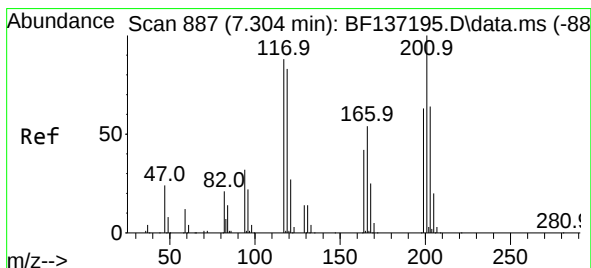
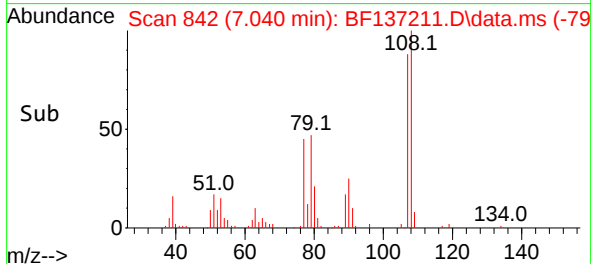
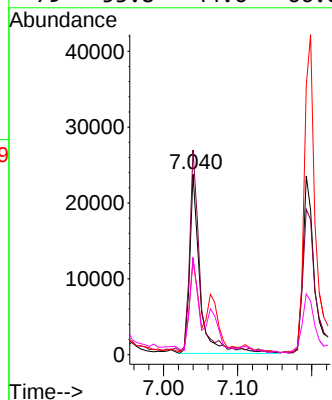
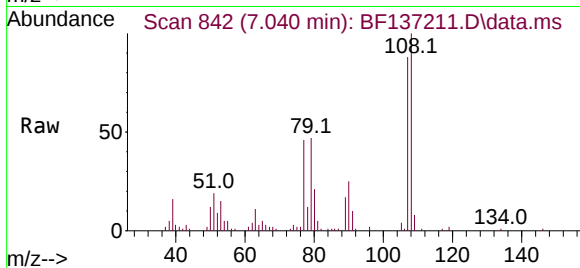




#17
2-Methylphenol
Concen: 9.604 ng
RT: 7.040 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

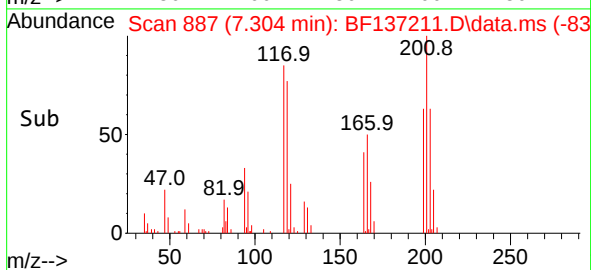
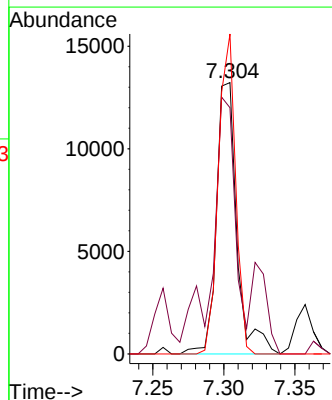
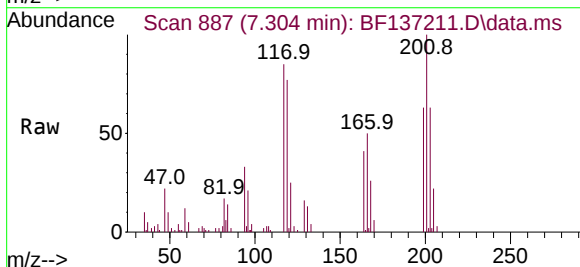
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MS

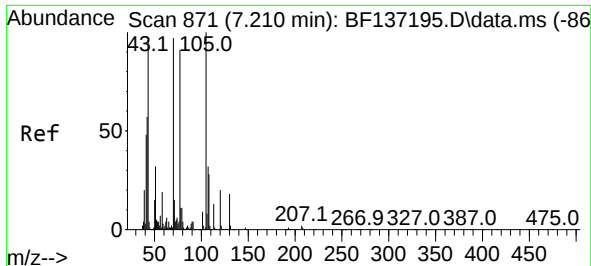
Tgt Ion:	107	Resp:	22762
Ion	Ratio	Lower	Upper
107	100		
108	113.5	89.9	134.9
77	52.4	46.6	69.8
79	53.8	44.6	66.8



#18
Hexachloroethane
Concen: 10.667 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

Tgt Ion:	117	Resp:	13234
Ion	Ratio	Lower	Upper
117	100		
119	90.7	76.2	114.4
201	118.0	91.4	137.0





#19

n-Nitroso-di-n-propylamine

Concen: 10.552 ng

RT: 7.193 min Scan# 868

Delta R.T. -0.017 min

Lab File: BF137211.D

Acq: 31 Jan 2024 15:33

Instrument :

BNA_F

ClientSampleId :

TR-05-013024MS

Tgt Ion: 70 Resp: 26196

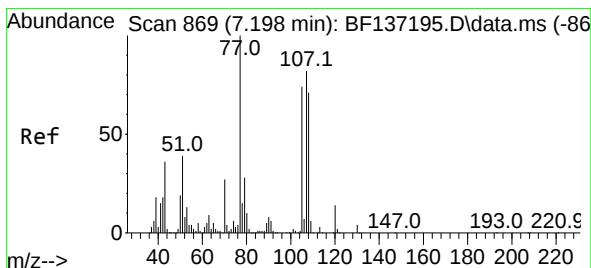
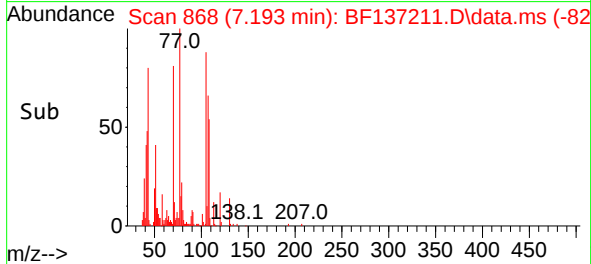
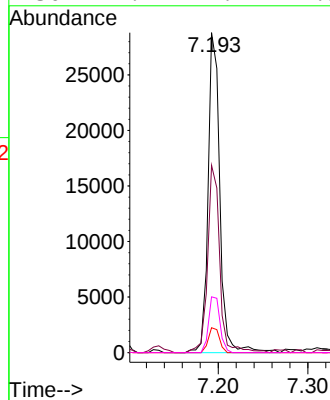
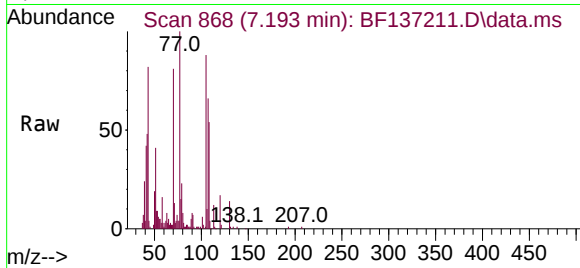
Ion Ratio Lower Upper

70 100

42 58.5 47.2 70.8

101 7.8 7.4 11.0

130 17.4 14.9 22.3



#20

3+4-Methylphenols

Concen: 8.994 ng

RT: 7.193 min Scan# 868

Delta R.T. -0.006 min

Lab File: BF137211.D

Acq: 31 Jan 2024 15:33

Tgt Ion: 107 Resp: 26984

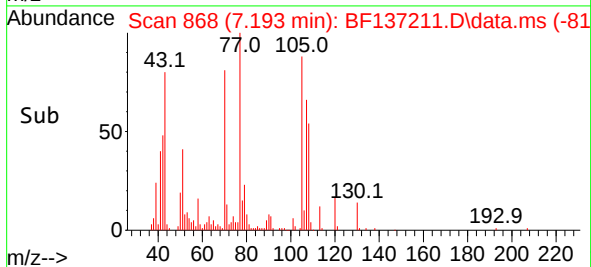
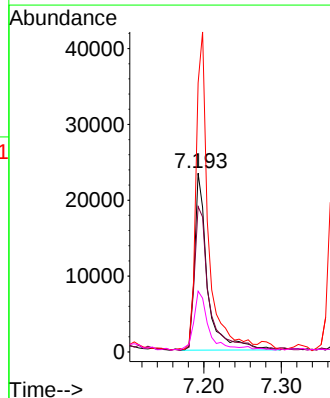
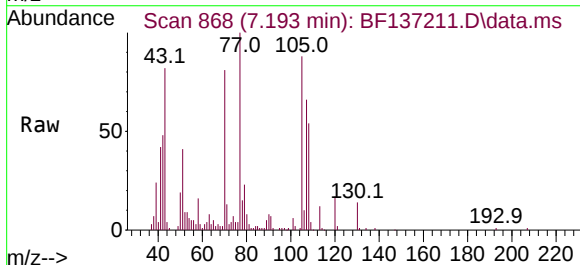
Ion Ratio Lower Upper

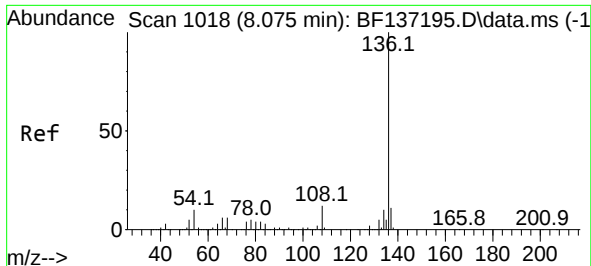
107 100

108 81.3 66.3 106.3

77 150.5 101.4 141.4#

79 34.0 13.9 53.9

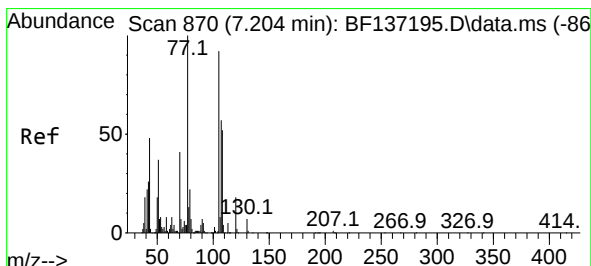
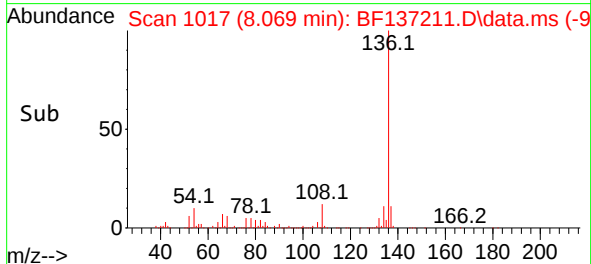
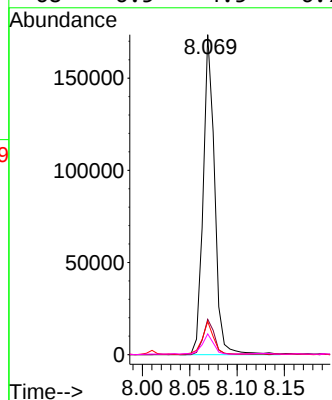
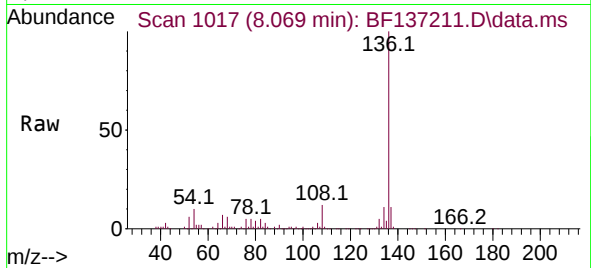




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

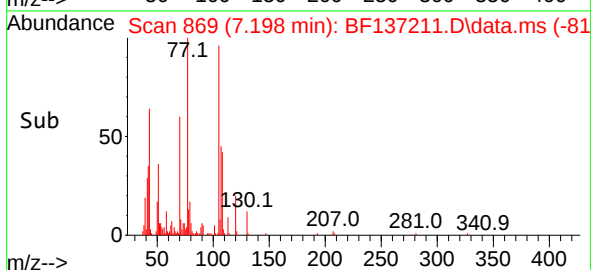
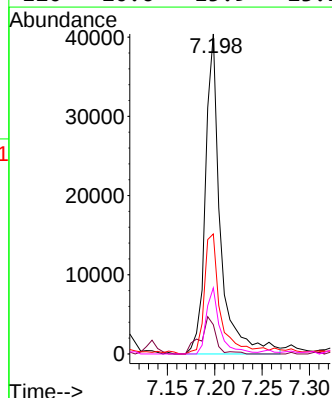
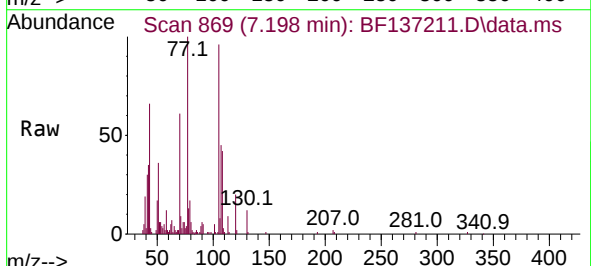
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MS

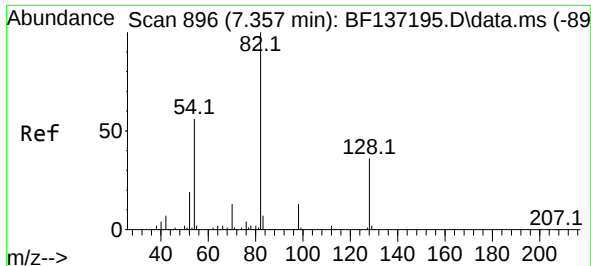
Tgt Ion:136 Resp: 146622
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 10.3 7.8 11.8
68 6.5 4.5 6.7



#22
Acetophenone
Concen: 11.351 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

Tgt Ion:105 Resp: 44806
Ion Ratio Lower Upper
105 100
71 9.1 5.7 8.5#
51 37.5 32.2 48.4
120 20.6 15.9 23.9

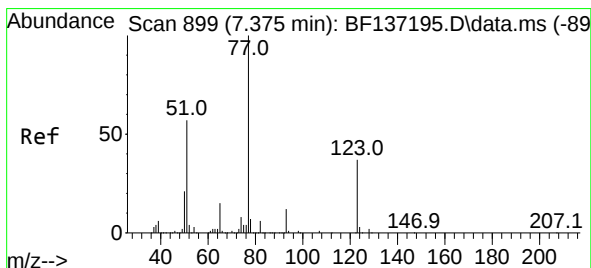
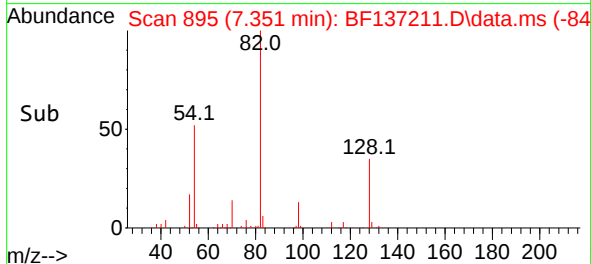
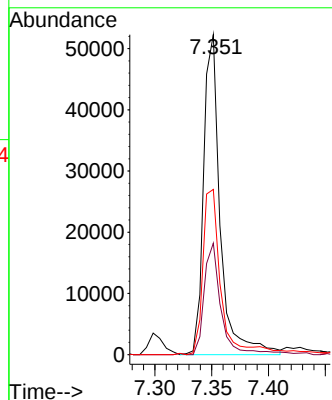
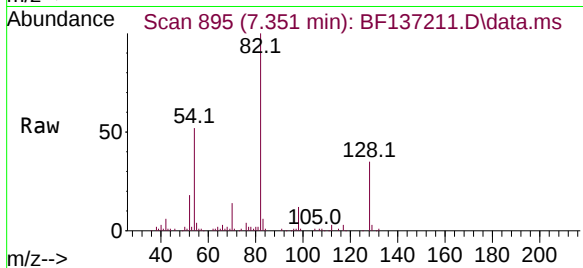




#23
Nitrobenzene-d5
Concen: 16.303 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

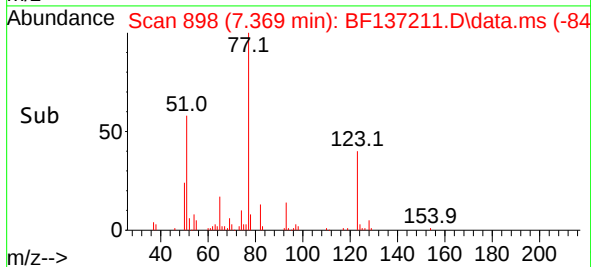
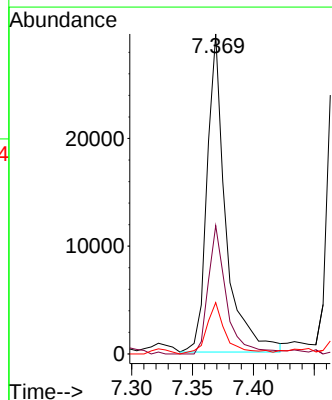
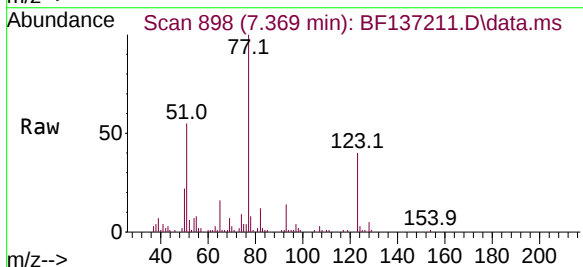
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MS

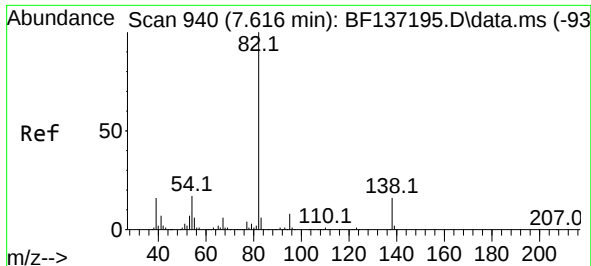
Tgt Ion: 82 Resp: 53391
Ion Ratio Lower Upper
82 100
128 34.8 29.1 43.7
54 51.6 45.0 67.6



#24
Nitrobenzene
Concen: 9.940 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

Tgt Ion: 77 Resp: 31595
Ion Ratio Lower Upper
77 100
123 40.1 29.3 43.9
65 16.0 12.0 18.0

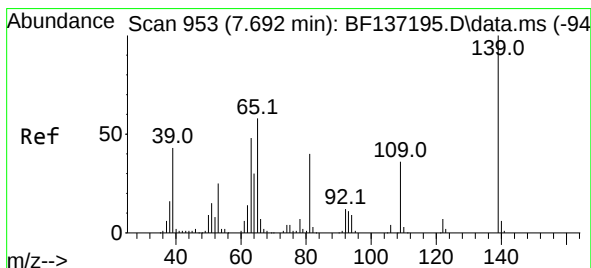
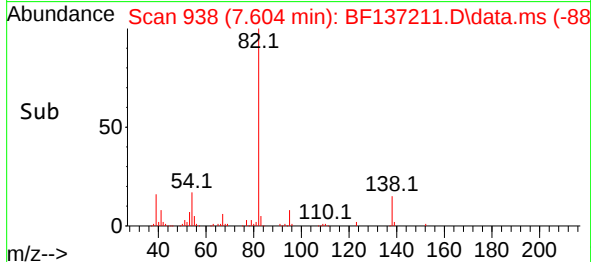
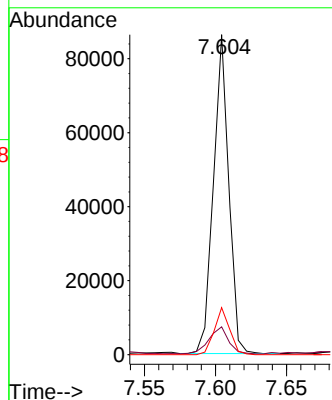
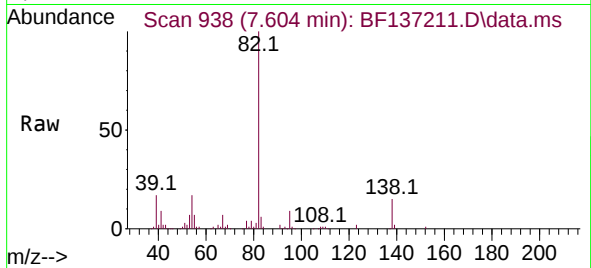




#25
Isophorone
Concen: 10.725 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

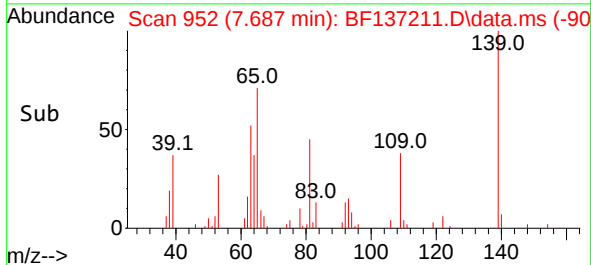
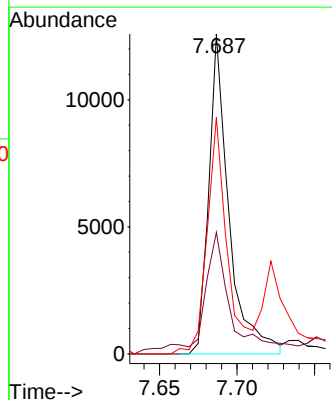
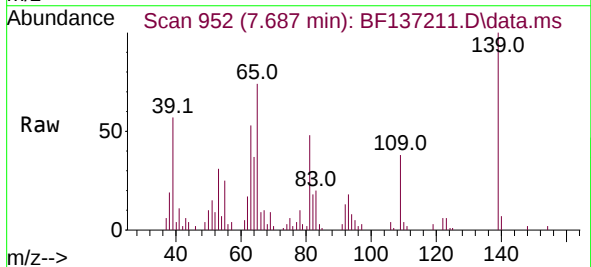
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MS

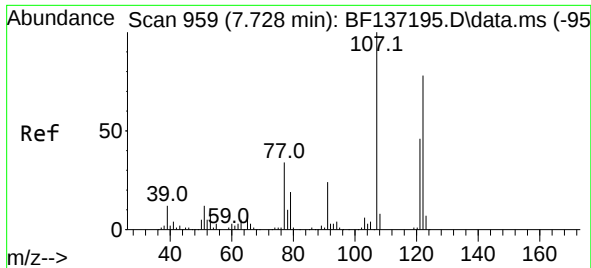
Tgt Ion: 82 Resp: 64830
Ion Ratio Lower Upper
82 100
95 8.7 6.4 9.6
138 14.7 12.7 19.1



#26
2-Nitrophenol
Concen: 11.234 ng
RT: 7.687 min Scan# 952
Delta R.T. -0.005 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

Tgt Ion:139 Resp: 11391
Ion Ratio Lower Upper
139 100
109 38.0 28.5 42.7
65 73.9 46.7 70.1#

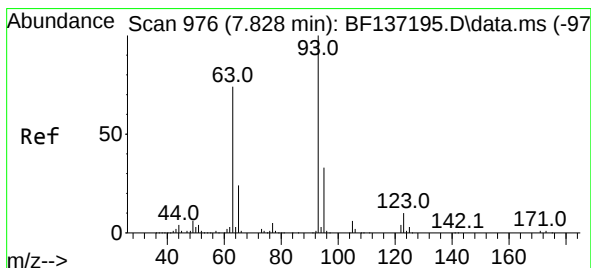
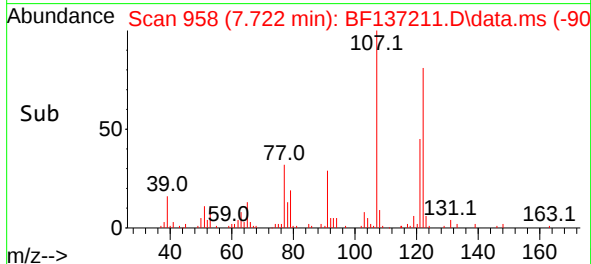
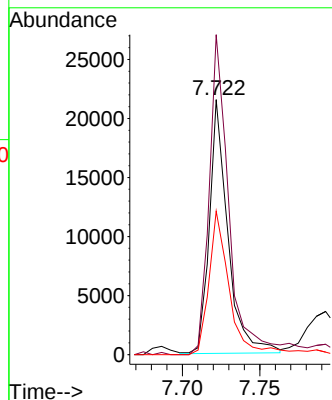
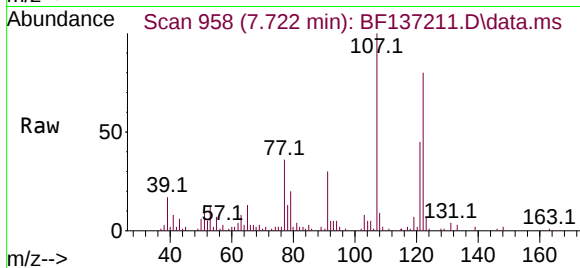




#27
2,4-Dimethylphenol
Concen: 10.397 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

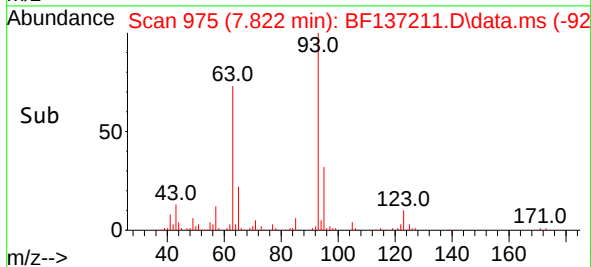
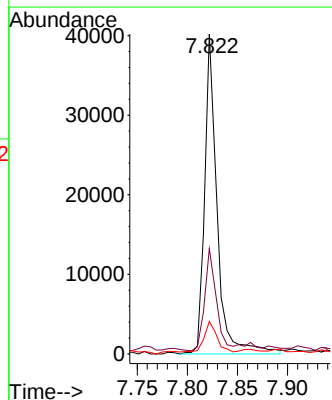
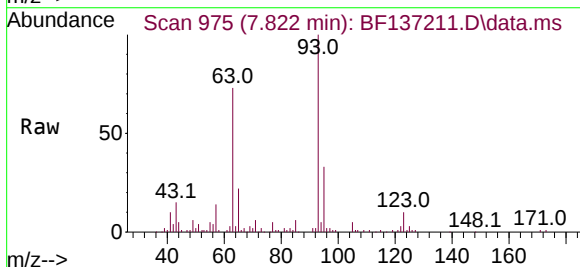
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MS

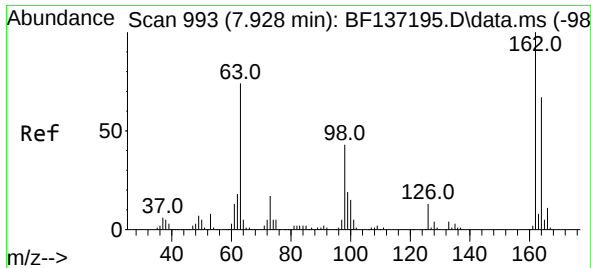
Tgt Ion:	122	Resp:	17964
Ion	Ratio	Lower	Upper
122	100		
107	125.5	101.8	152.6
121	56.3	46.6	69.8



#28
bis(2-Chloroethoxy)methane
Concen: 10.814 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.006 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

Tgt Ion:	93	Resp:	34714
Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.1	39.1
123	10.1	7.8	11.8





#29

2,4-Dichlorophenol

Concen: 9.872 ng

RT: 7.928 min Scan# 993

Delta R.T. -0.000 min

Lab File: BF137211.D

Acq: 31 Jan 2024 15:33

Instrument :

BNA_F

ClientSampleId :

TR-05-013024MS

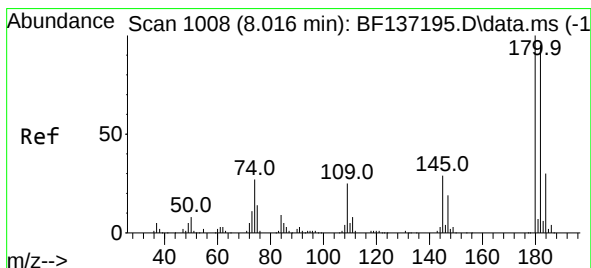
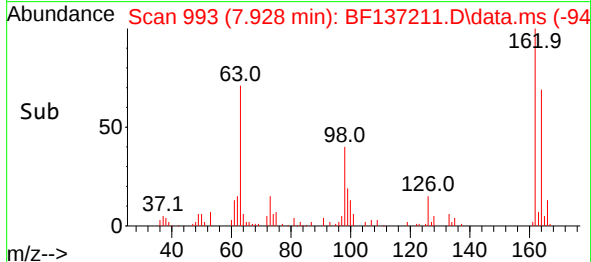
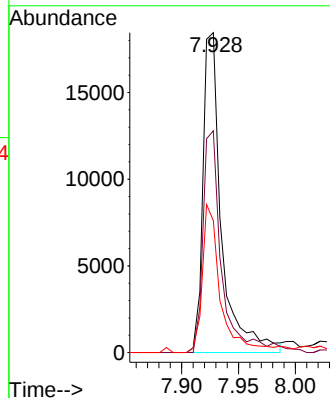
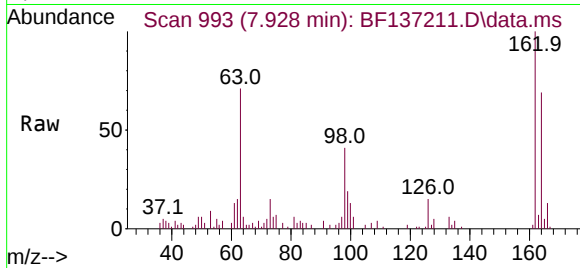
Tgt Ion:162 Resp: 21159

Ion Ratio Lower Upper

162 100

164 69.3 46.7 86.7

98 41.3 22.9 62.9



#30

1,2,4-Trichlorobenzene

Concen: 10.559 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF137211.D

Acq: 31 Jan 2024 15:33

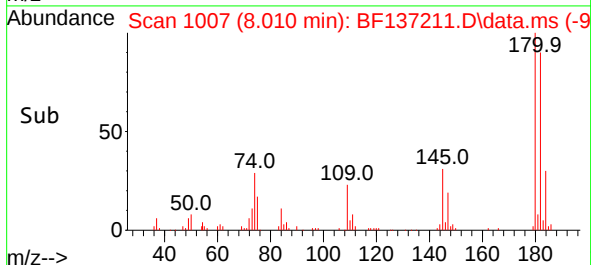
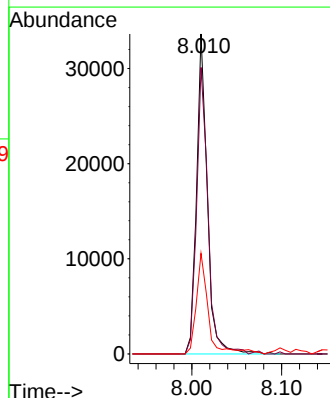
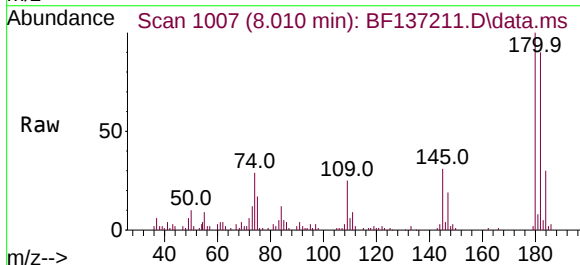
Tgt Ion:180 Resp: 28111

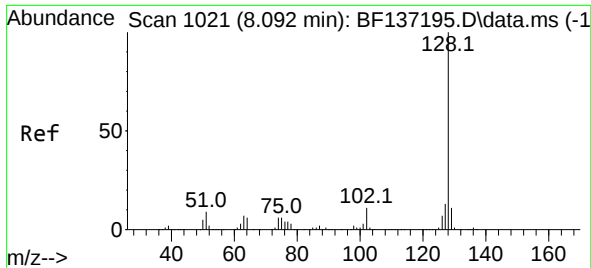
Ion Ratio Lower Upper

180 100

182 89.5 75.9 113.9

145 31.4 23.2 34.8

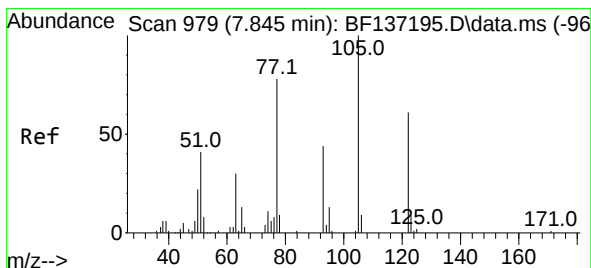
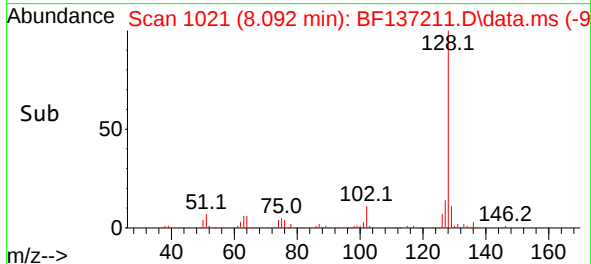
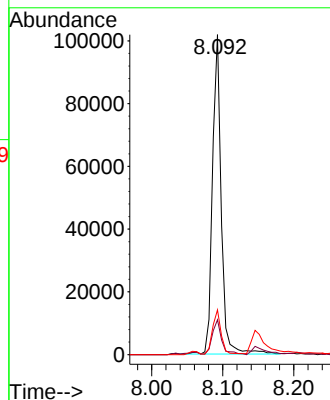
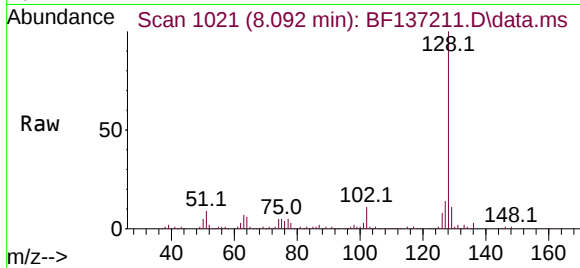




#31
Naphthalene
Concen: 11.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

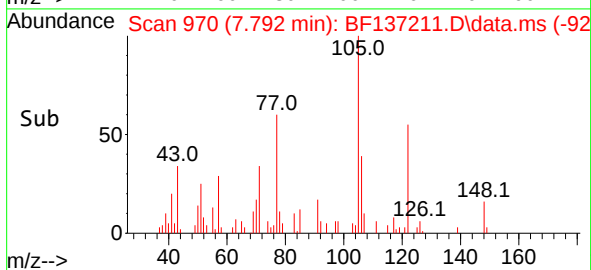
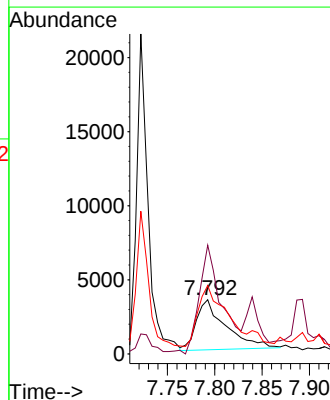
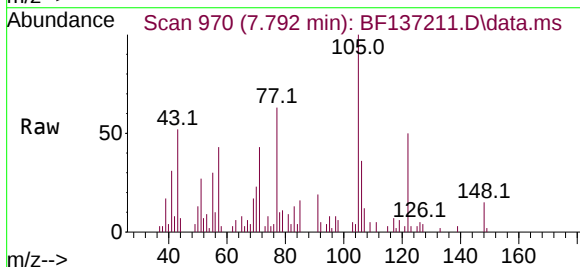
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MS

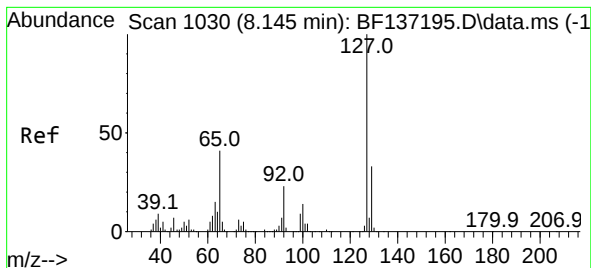
Tgt Ion:128 Resp: 87194
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 14.0 10.5 15.7



#32
Benzoic acid
Concen: 13.456 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.053 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

Tgt Ion:122 Resp: 7395
Ion Ratio Lower Upper
122 100
105 200.9 122.5 162.5#
77 126.3 96.4 136.4





#33

4-Chloroaniline

Concen: 3.854 ng

RT: 8.145 min Scan# 1030

Delta R.T. 0.000 min

Lab File: BF137211.D

Acq: 31 Jan 2024 15:33

Instrument :

BNA_F

ClientSampleId :

TR-05-013024MS

Tgt Ion:127 Resp: 10508

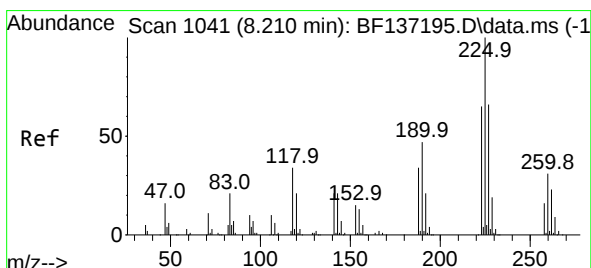
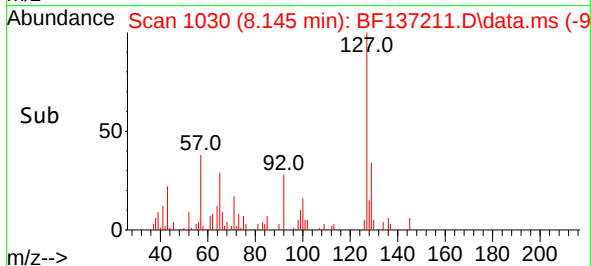
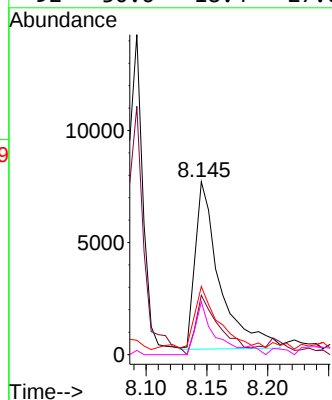
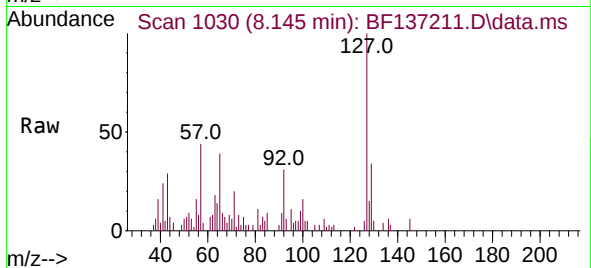
Ion Ratio Lower Upper

127 100

129 34.3 26.8 40.2

65 39.3 32.9 49.3

92 30.6 18.4 27.6#



#34

Hexachlorobutadiene

Concen: 11.273 ng

RT: 8.210 min Scan# 1041

Delta R.T. 0.000 min

Lab File: BF137211.D

Acq: 31 Jan 2024 15:33

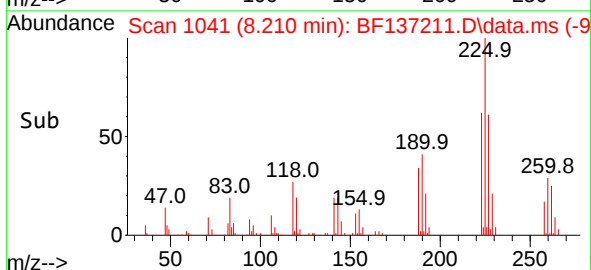
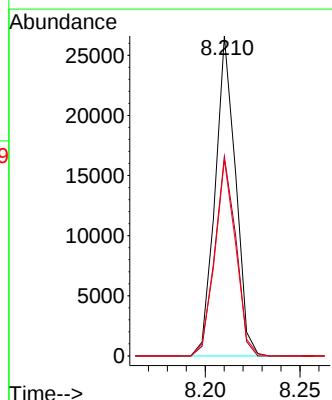
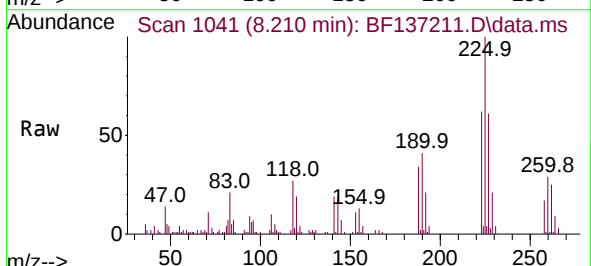
Tgt Ion:225 Resp: 19957

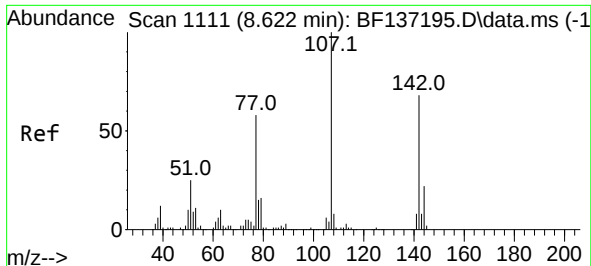
Ion Ratio Lower Upper

225 100

223 62.3 52.0 78.0

227 61.4 52.9 79.3

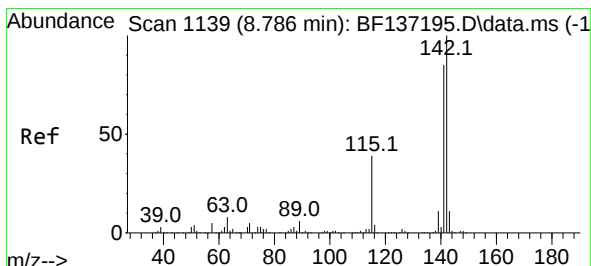
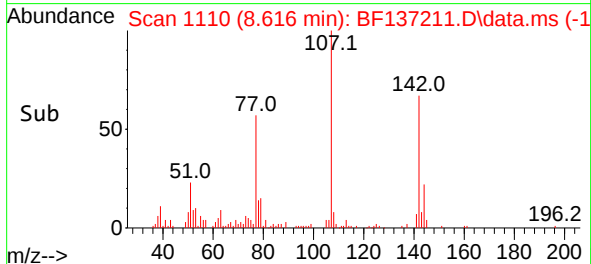
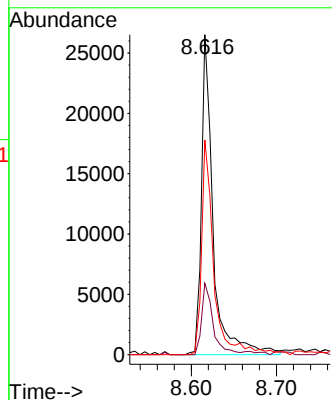
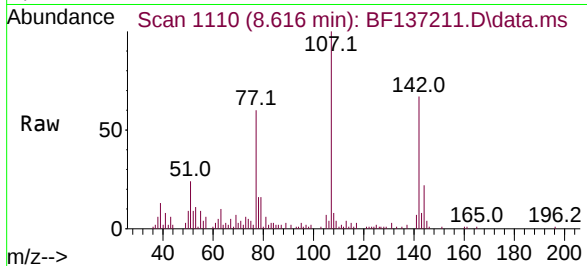




#36
4-Chloro-3-methylphenol
Concen: 9.934 ng
RT: 8.616 min Scan# 1111
Delta R.T. -0.006 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

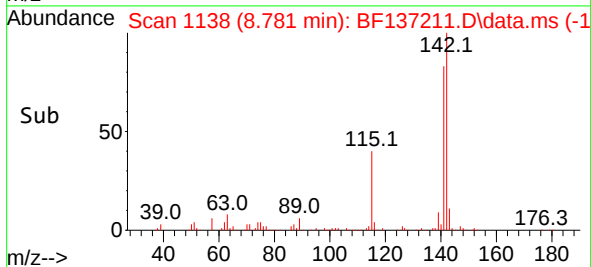
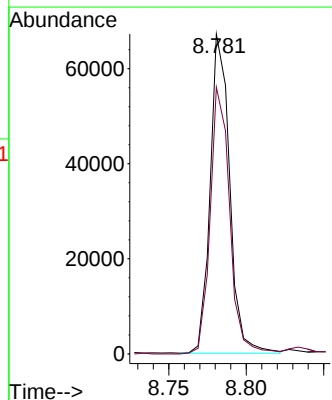
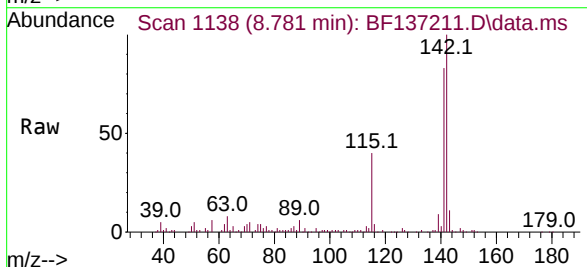
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MS

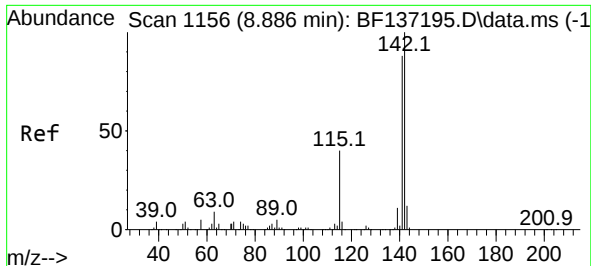
Tgt Ion:107 Resp: 25148
Ion Ratio Lower Upper
107 100
144 22.3 17.2 25.8
142 67.1 54.6 82.0



#37
2-Methylnaphthalene
Concen: 11.043 ng
RT: 8.781 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

Tgt Ion:142 Resp: 58683
Ion Ratio Lower Upper
142 100
141 83.3 67.8 101.8

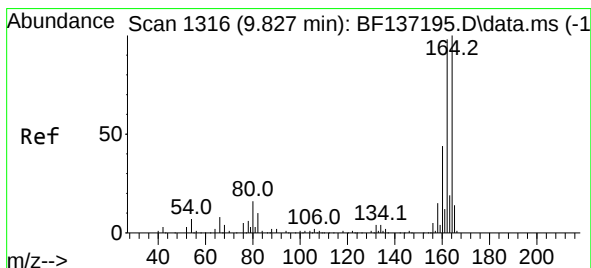
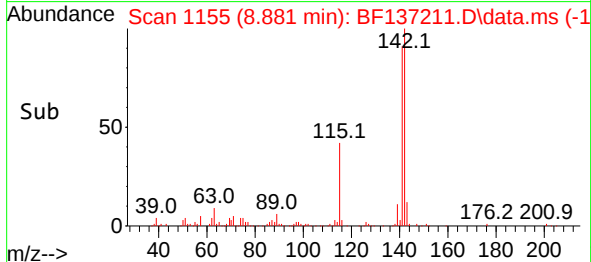
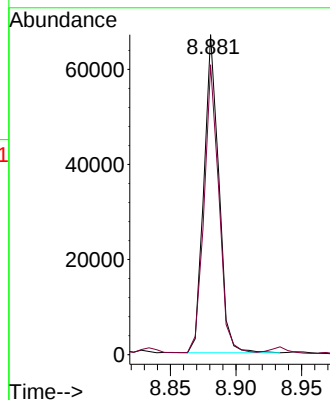
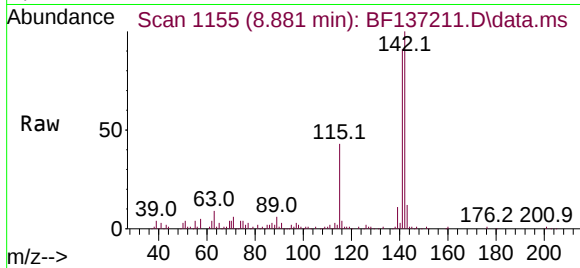




#38
1-Methylnaphthalene
Concen: 10.722 ng
RT: 8.881 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

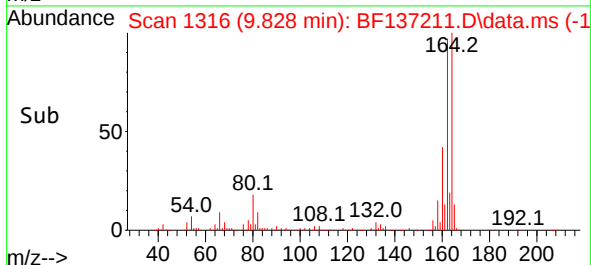
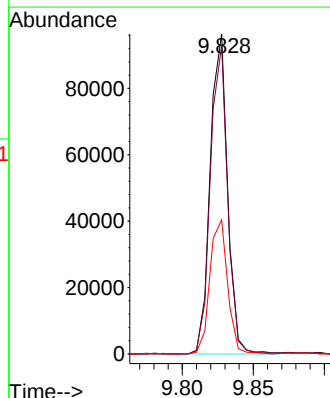
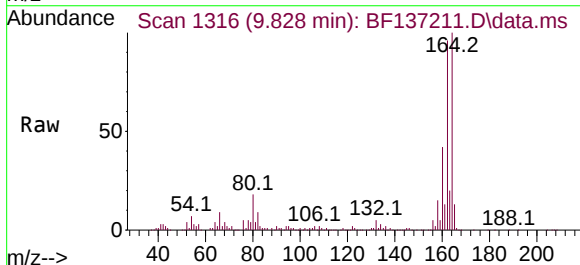
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MS

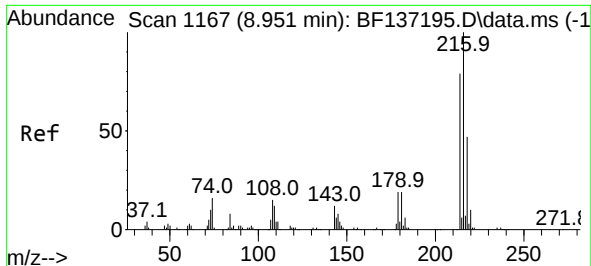
Tgt Ion:142 Resp: 52922
Ion Ratio Lower Upper
142 100
141 90.6 70.6 105.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.001 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

Tgt Ion:164 Resp: 81842
Ion Ratio Lower Upper
164 100
162 96.3 78.3 117.5
160 41.9 35.4 53.2

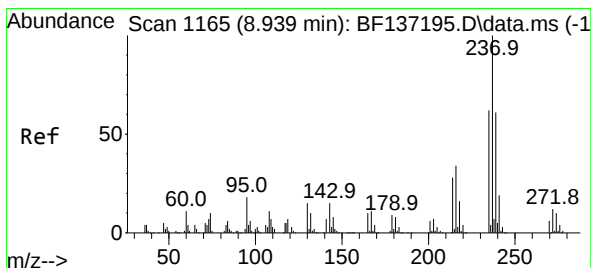
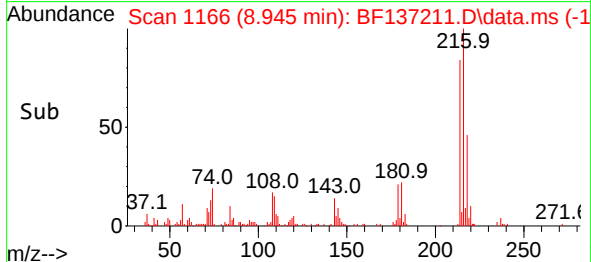
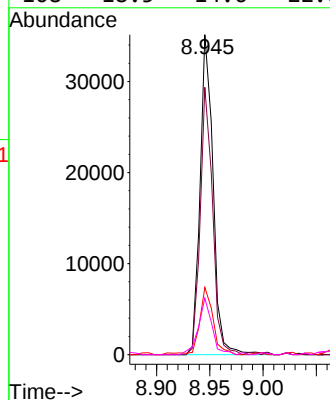
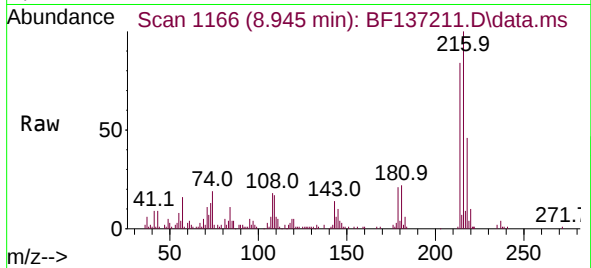




#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.876 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

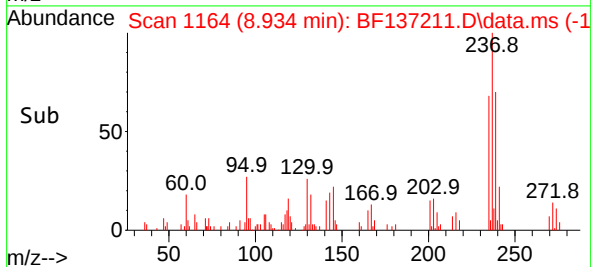
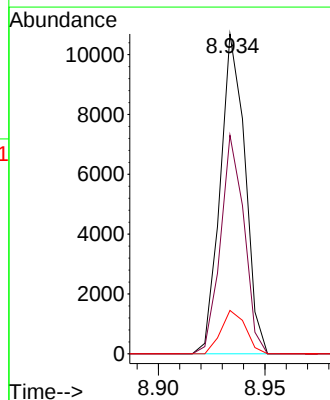
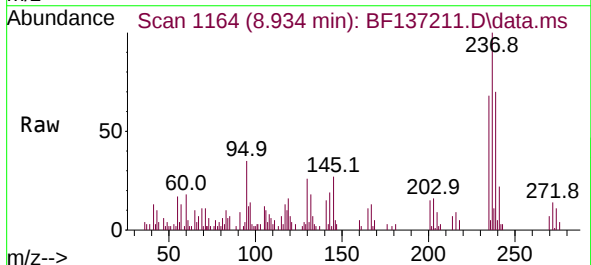
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MS

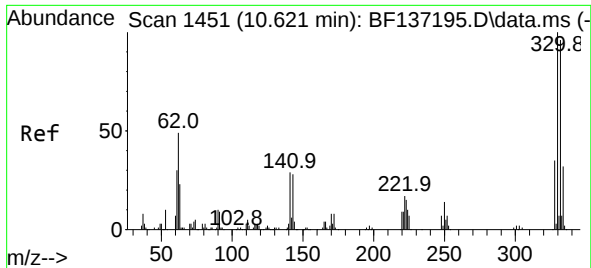
Tgt Ion:	216	Resp:	29784
Ion Ratio	Lower	Upper	
216	100		
214	79.1	63.9	95.9
179	21.8	16.2	24.2
108	18.5	14.6	22.0



#41
Hexachlorocyclopentadiene
Concen: 6.646 ng
RT: 8.934 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

Tgt Ion:	237	Resp:	8669
Ion Ratio	Lower	Upper	
237	100		
235	68.3	41.6	81.6
272	13.6	0.0	32.4

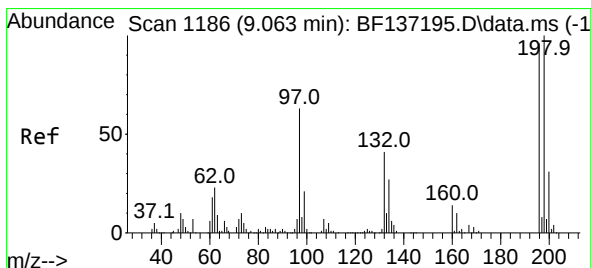
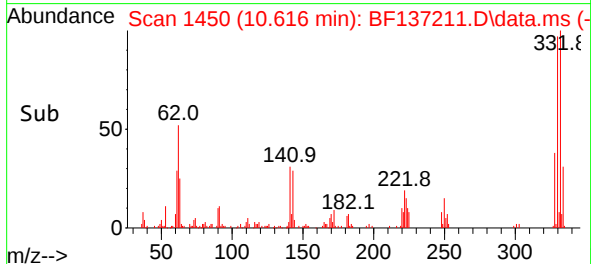
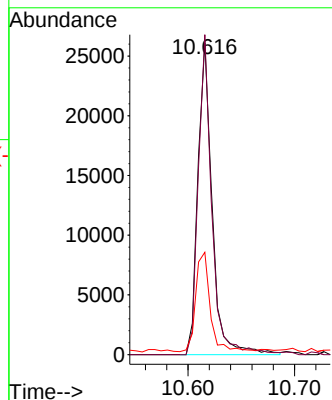
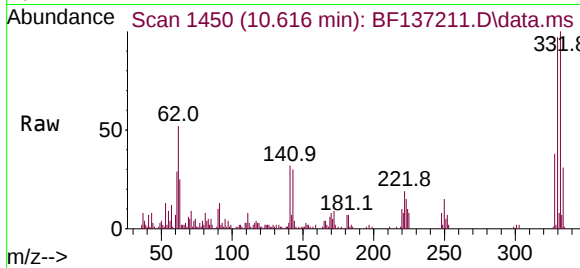




#42
 2,4,6-Tribromophenol
 Concen: 26.317 ng
 RT: 10.616 min Scan# 1450
 Delta R.T. -0.006 min
 Lab File: BF137211.D
 Acq: 31 Jan 2024 15:33

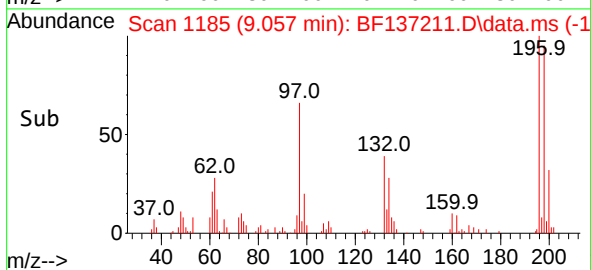
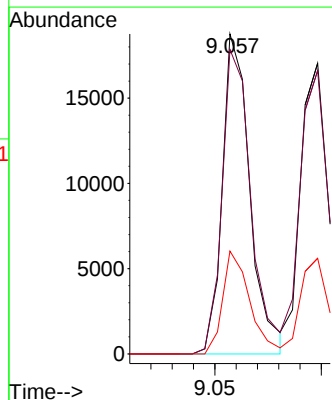
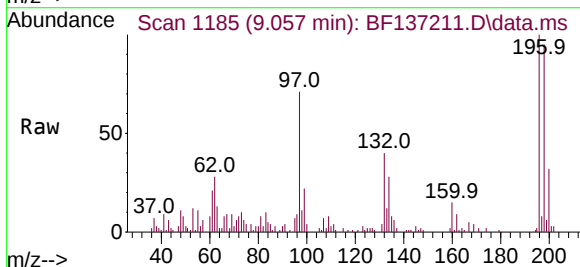
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-013024MS

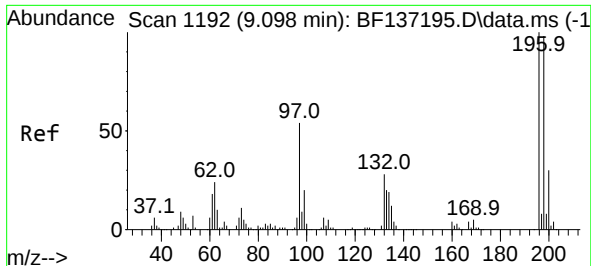
Tgt Ion:330 Resp: 24324
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.3 115.9
 141 32.3 25.2 37.8



#43
 2,4,6-Trichlorophenol
 Concen: 10.889 ng
 RT: 9.057 min Scan# 1185
 Delta R.T. -0.006 min
 Lab File: BF137211.D
 Acq: 31 Jan 2024 15:33

Tgt Ion:196 Resp: 16913
 Ion Ratio Lower Upper
 196 100
 198 95.1 83.0 124.6
 200 32.1 25.9 38.9

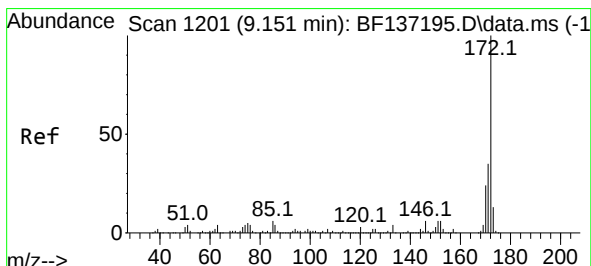
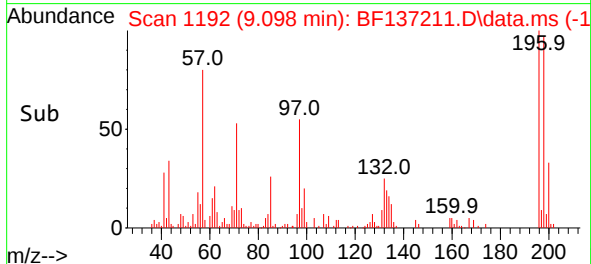
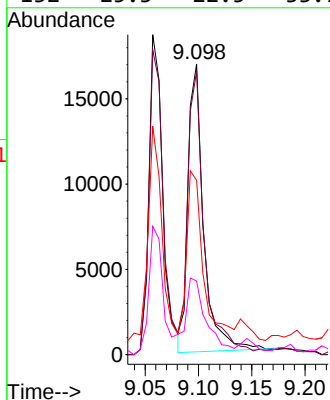
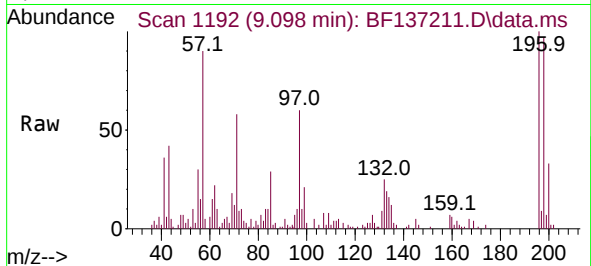




#44
 2,4,5-Trichlorophenol
 Concen: 10.166 ng
 RT: 9.098 min Scan# 1192
 Delta R.T. 0.000 min
 Lab File: BF137211.D
 Acq: 31 Jan 2024 15:33

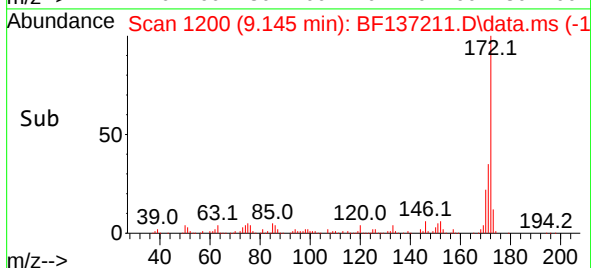
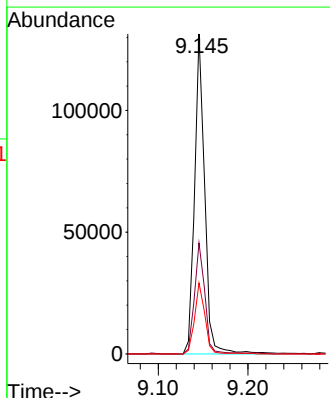
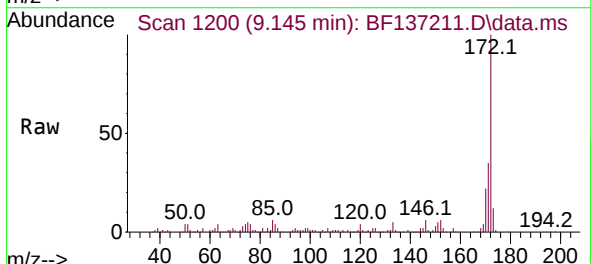
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-013024MS

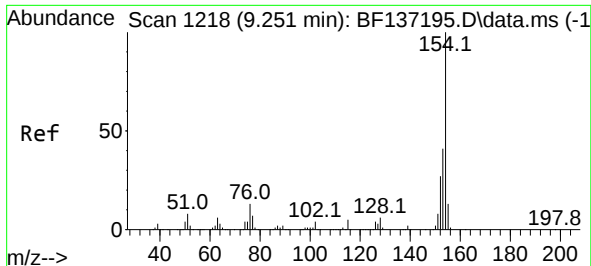
Tgt Ion:196	Resp:	17260	
Ion	Ratio	Lower	Upper
196	100		
198	97.5	78.2	117.4
97	59.9	44.2	66.2
132	25.3	22.5	33.7



#45
 2-Fluorobiphenyl
 Concen: 17.330 ng
 RT: 9.145 min Scan# 1200
 Delta R.T. -0.006 min
 Lab File: BF137211.D
 Acq: 31 Jan 2024 15:33

Tgt Ion:172	Resp:	103175	
Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.3	42.5
170	22.2	19.1	28.7





#46

1,1'-Biphenyl

Concen: 11.039 ng

RT: 9.245 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137211.D

Acq: 31 Jan 2024 15:33

Instrument :

BNA_F

ClientSampleId :

TR-05-013024MS

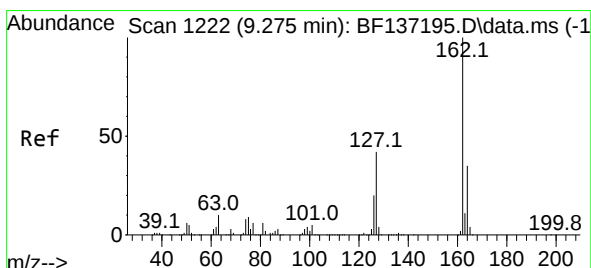
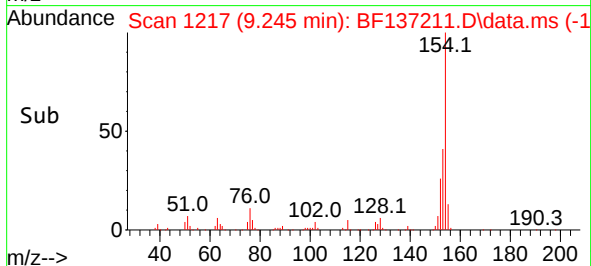
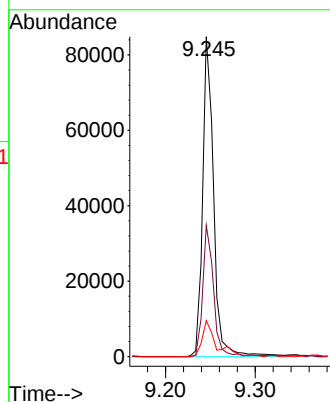
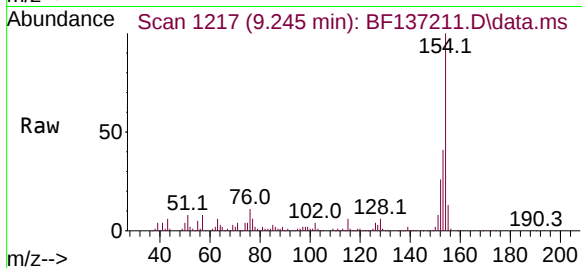
Tgt Ion:154 Resp: 71881

Ion Ratio Lower Upper

154 100

153 41.1 21.2 61.2

76 11.2 0.0 33.0



#47

2-Chloronaphthalene

Concen: 10.234 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF137211.D

Acq: 31 Jan 2024 15:33

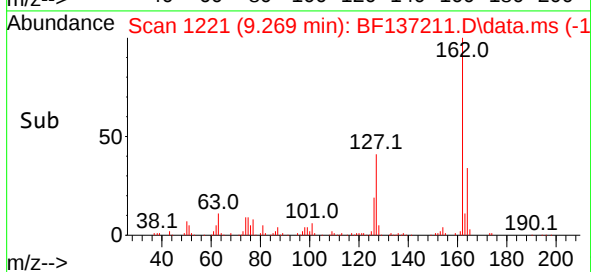
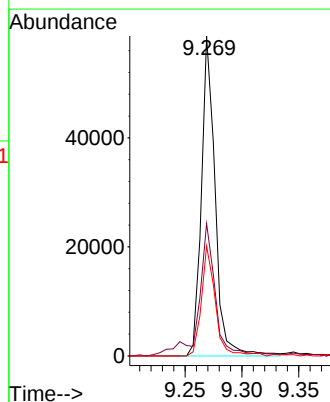
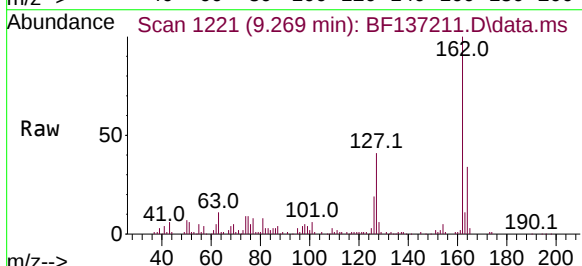
Tgt Ion:162 Resp: 49319

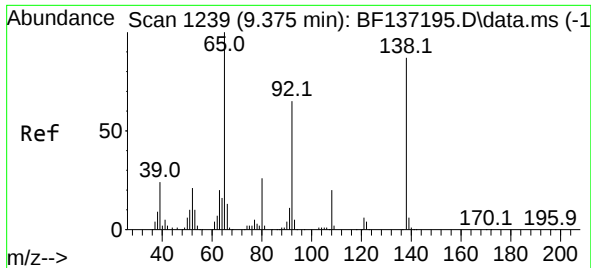
Ion Ratio Lower Upper

162 100

127 41.4 34.1 51.1

164 34.3 27.9 41.9

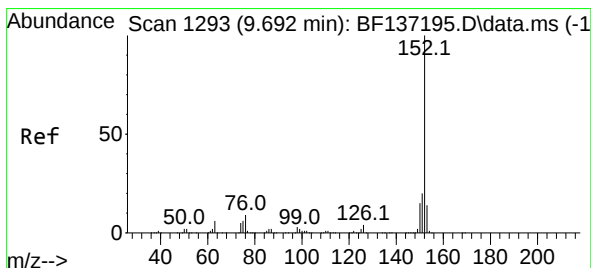
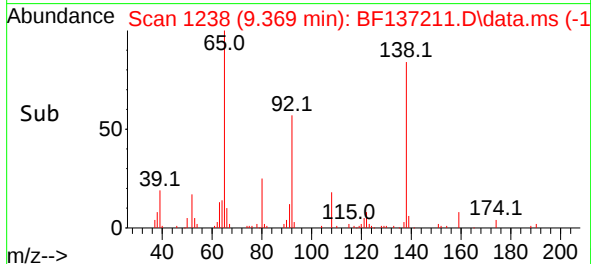
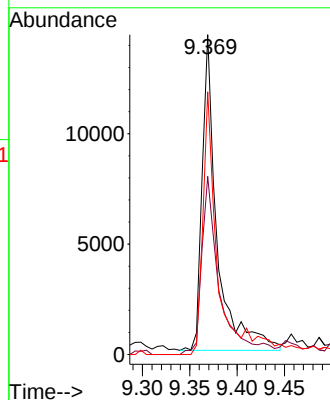
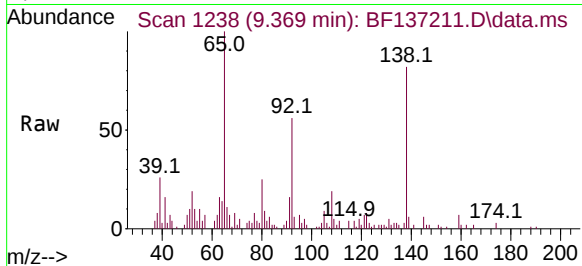




#48
2-Nitroaniline
Concen: 10.085 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

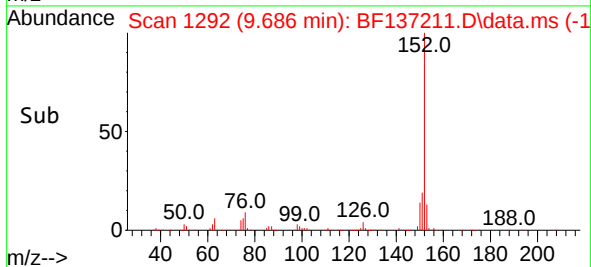
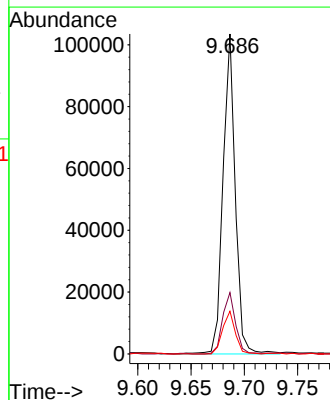
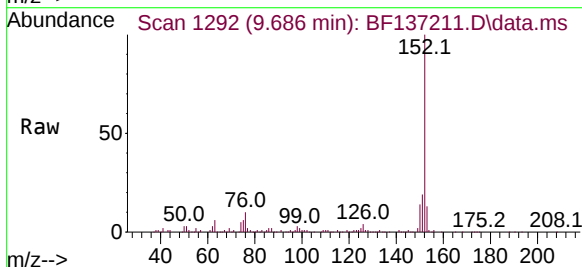
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MS

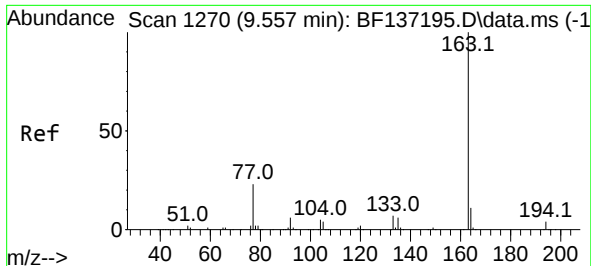
Tgt Ion:	65	Resp:	15730
Ion	Ratio	Lower	Upper
65	100		
92	55.7	51.7	77.5
138	82.2	69.7	104.5



#49
Acenaphthylene
Concen: 10.766 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

Tgt Ion:	152	Resp:	83054
Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.3	24.5
153	13.3	11.2	16.8

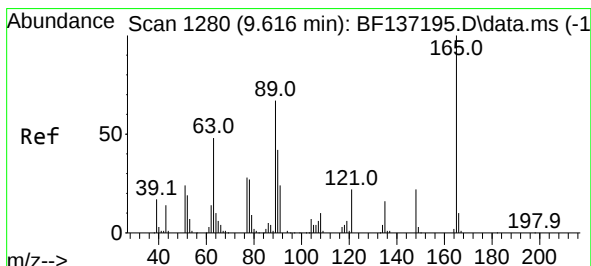
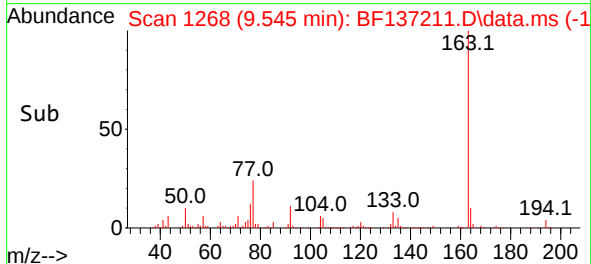
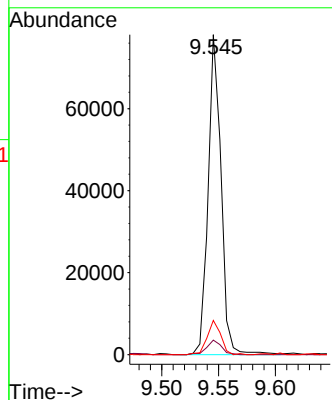
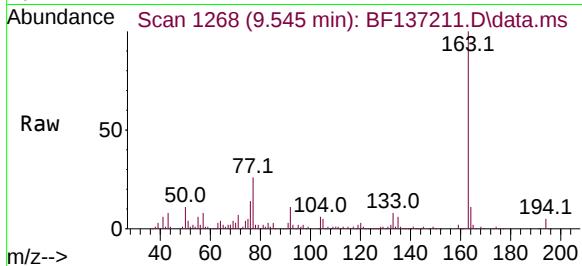




#50
Dimethylphthalate
Concen: 11.203 ng
RT: 9.545 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

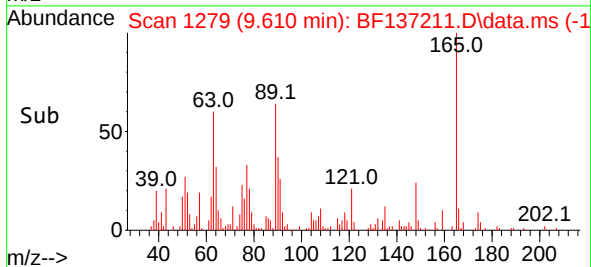
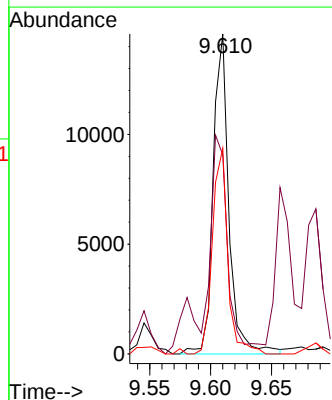
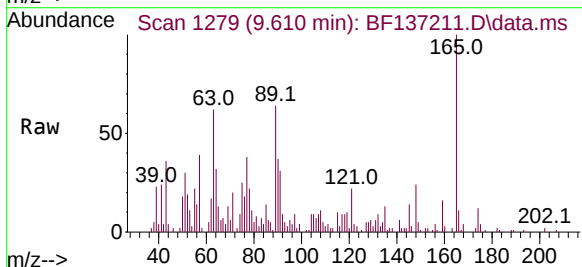
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MS

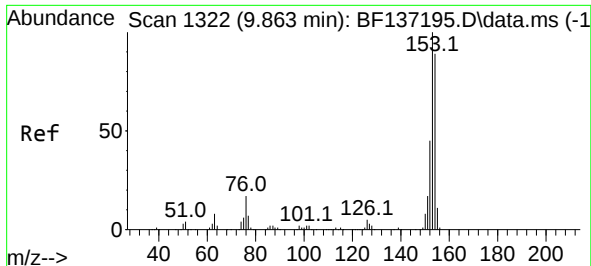
Tgt Ion:163 Resp: 61941
Ion Ratio Lower Upper
163 100
194 4.5 3.3 4.9
164 10.7 8.6 13.0



#51
2,6-Dinitrotoluene
Concen: 11.118 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

Tgt Ion:165 Resp: 13108
Ion Ratio Lower Upper
165 100
63 62.2 55.1 82.7
89 64.2 53.5 80.3

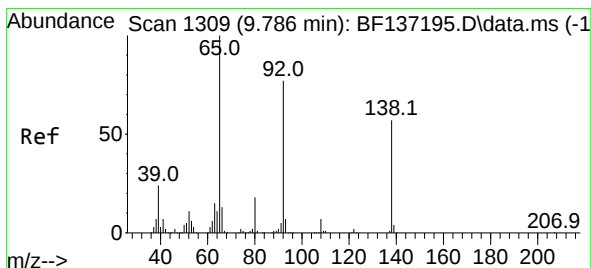
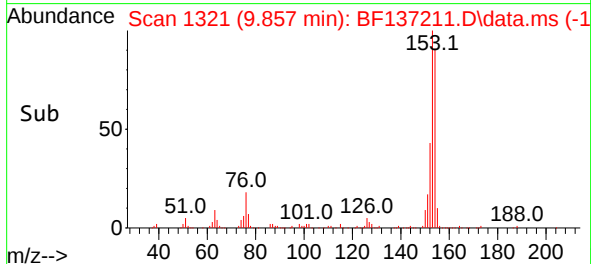
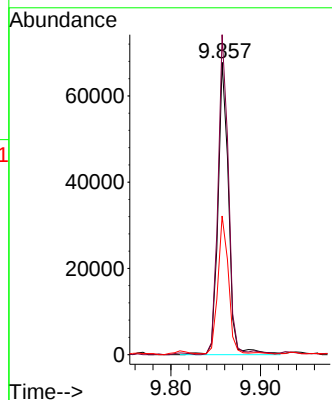
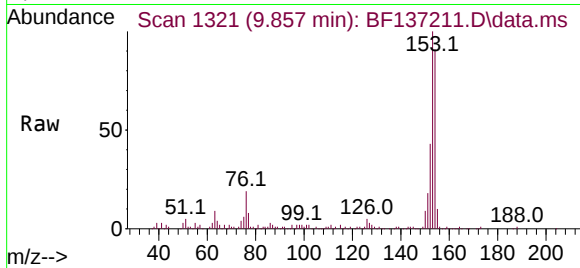




#52
Acenaphthene
Concen: 12.259 ng
RT: 9.857 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

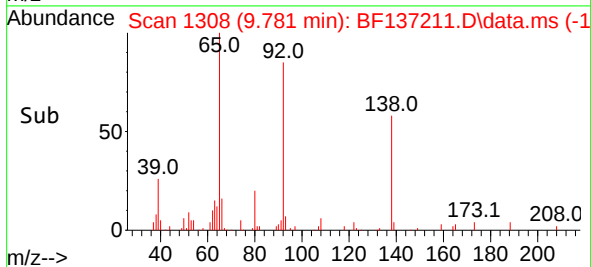
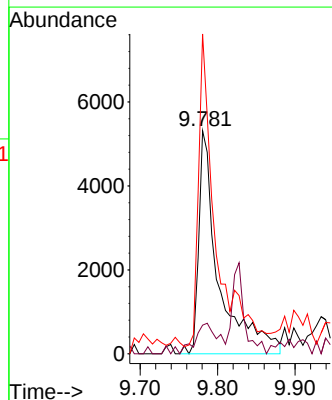
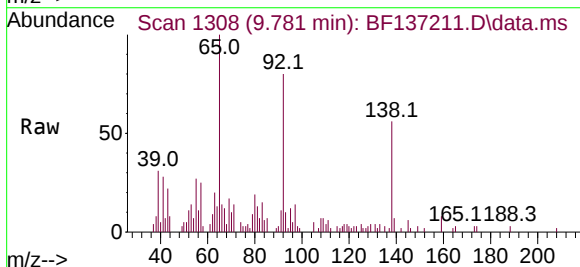
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MS

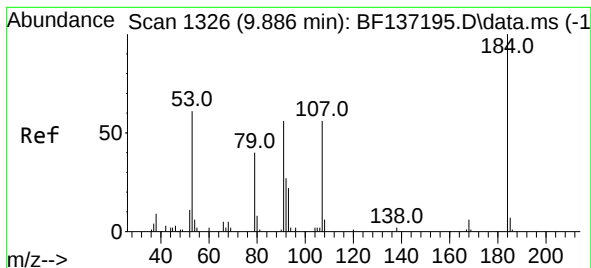
Tgt Ion:154 Resp: 55583
Ion Ratio Lower Upper
154 100
153 109.5 90.2 135.4
152 47.5 40.6 60.8



#53
3-Nitroaniline
Concen: 8.979 ng
RT: 9.781 min Scan# 1308
Delta R.T. -0.005 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

Tgt Ion:138 Resp: 9527
Ion Ratio Lower Upper
138 100
108 12.8 10.4 15.6
92 143.4 108.6 162.8





#54

2,4-Dinitrophenol

Concen: 14.187 ng

RT: 9.892 min Scan# 1327

Delta R.T. 0.006 min

Lab File: BF137211.D

Acq: 31 Jan 2024 15:33

Instrument :

BNA_F

ClientSampleId :

TR-05-013024MS

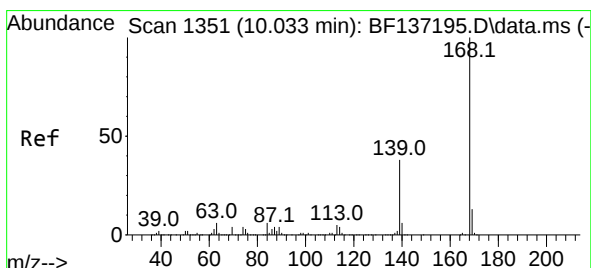
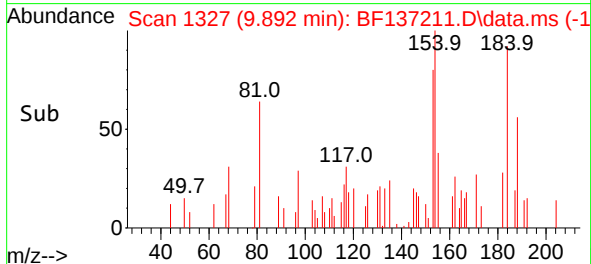
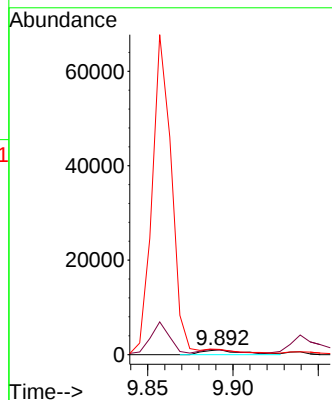
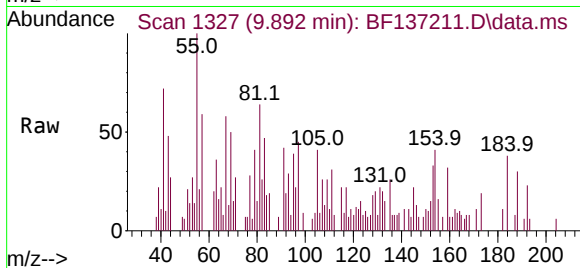
Tgt Ion:184 Resp: 1618

Ion Ratio Lower Upper

184 100

63 96.0 71.2 106.8

154 108.2 64.9 97.3#



#55

Dibenzofuran

Concen: 10.976 ng

RT: 10.034 min Scan# 1351

Delta R.T. 0.001 min

Lab File: BF137211.D

Acq: 31 Jan 2024 15:33

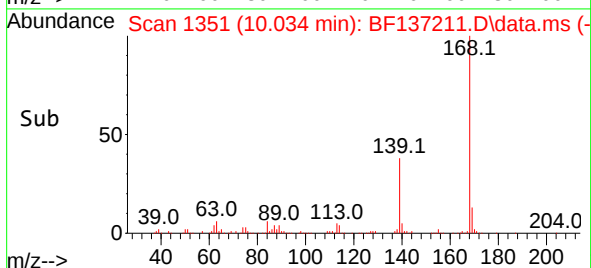
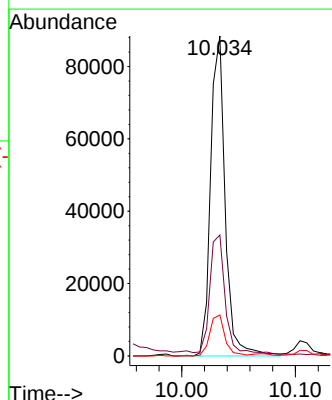
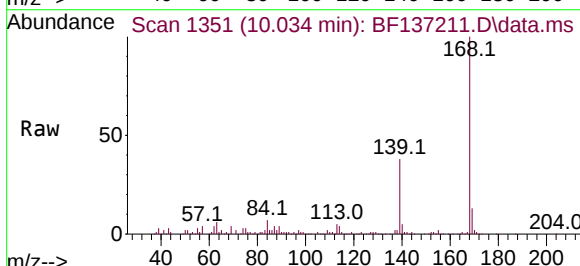
Tgt Ion:168 Resp: 79179

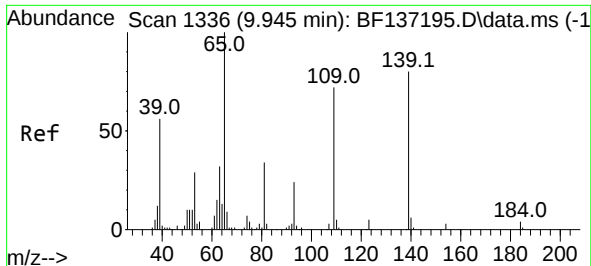
Ion Ratio Lower Upper

168 100

139 37.8 31.1 46.7

169 12.8 10.6 16.0

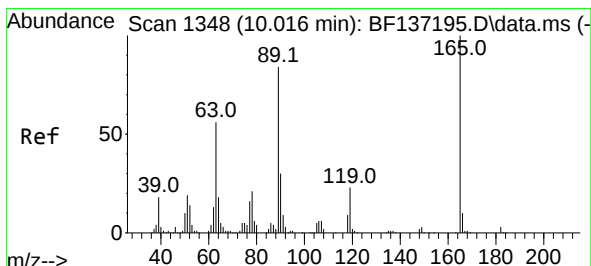
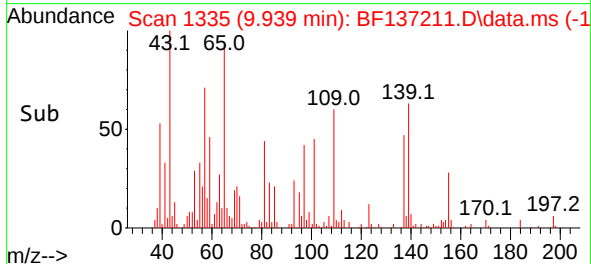
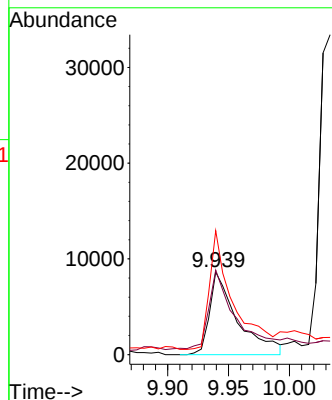
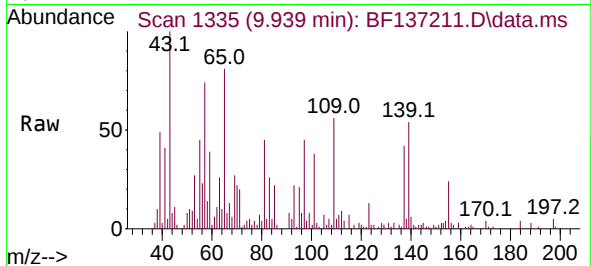




#56
4-Nitrophenol
Concen: 20.952 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

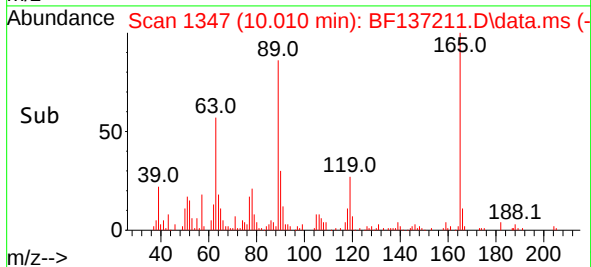
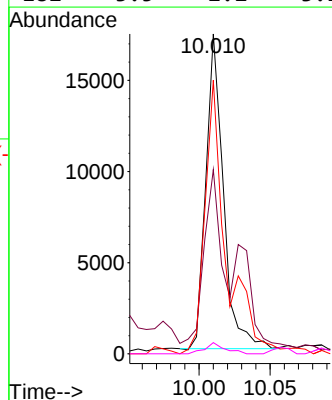
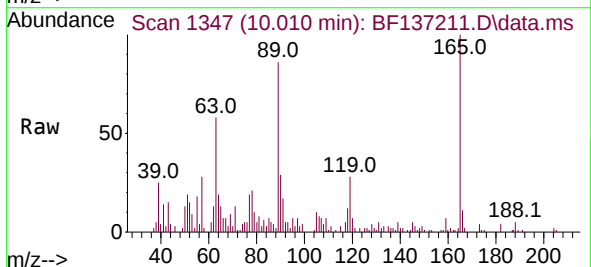
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MS

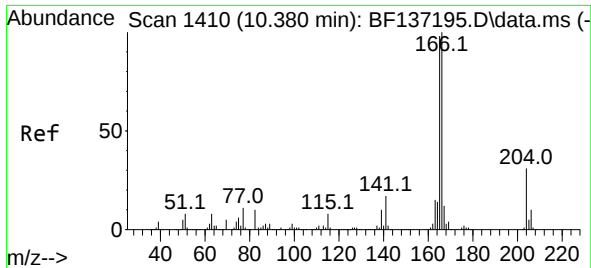
Tgt Ion:139 Resp: 13820
Ion Ratio Lower Upper
139 100
109 102.6 70.4 110.4
65 150.3 107.6 147.6#



#57
2,4-Dinitrotoluene
Concen: 9.697 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

Tgt Ion:165 Resp: 14834
Ion Ratio Lower Upper
165 100
63 57.6 46.1 69.1
89 85.5 67.5 101.3
182 3.5 2.2 3.2#

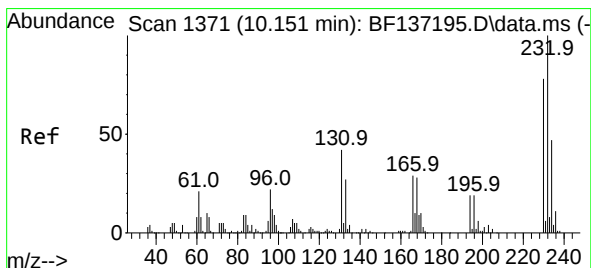
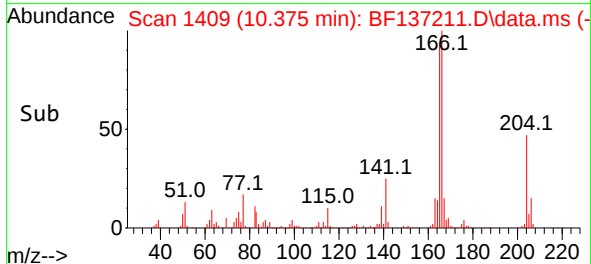
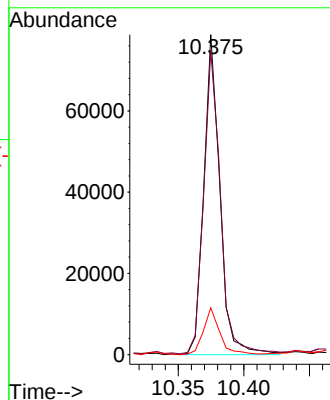
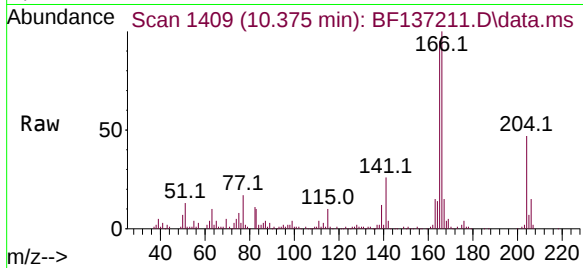




#58
Fluorene
Concen: 11.864 ng
RT: 10.375 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

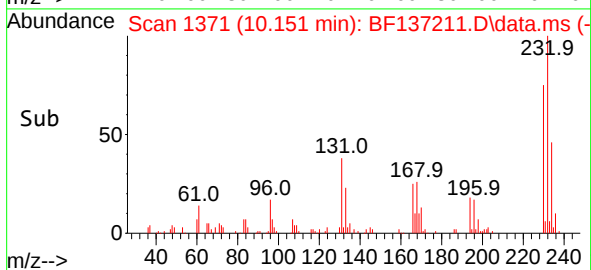
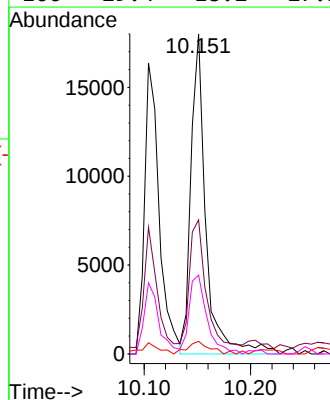
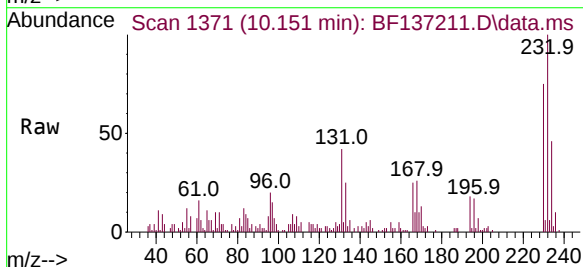
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MS

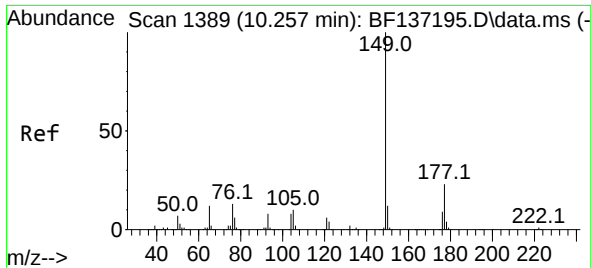
Tgt Ion:166 Resp: 67091
Ion Ratio Lower Upper
166 100
165 95.0 78.5 117.7
167 14.6 10.0 15.0



#59
2,3,4,6-Tetrachlorophenol
Concen: 11.112 ng
RT: 10.151 min Scan# 1371
Delta R.T. 0.000 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

Tgt Ion:232 Resp: 17554
Ion Ratio Lower Upper
232 100
131 45.8 27.4 41.2#
130 5.8 1.7 2.5#
166 29.4 18.2 27.2#

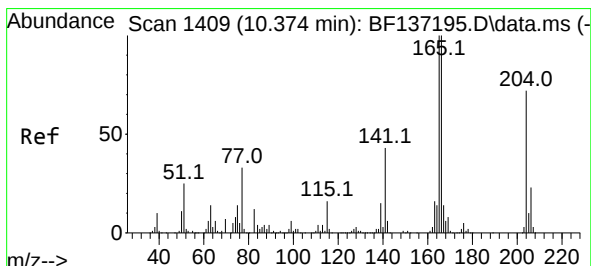
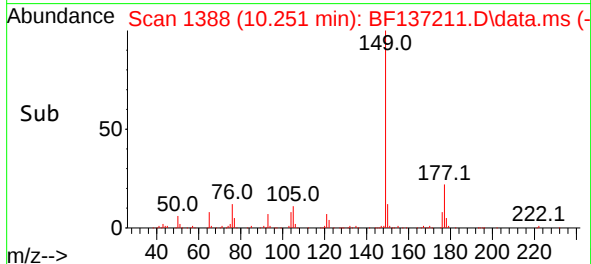
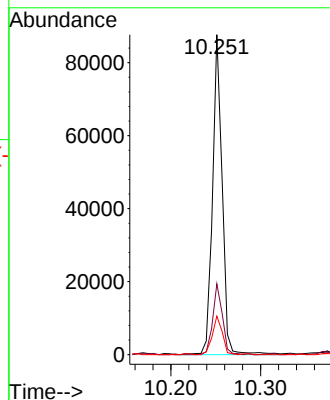
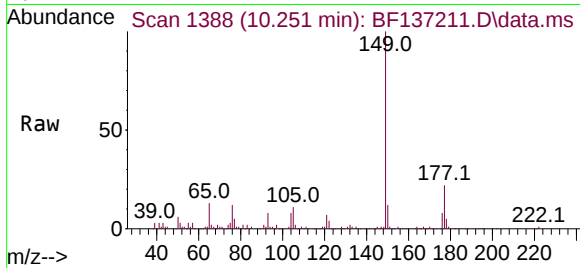




#60
Diethylphthalate
Concen: 12.003 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

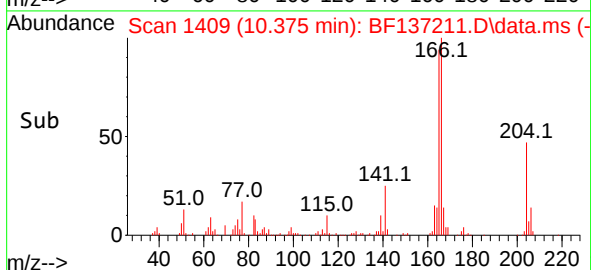
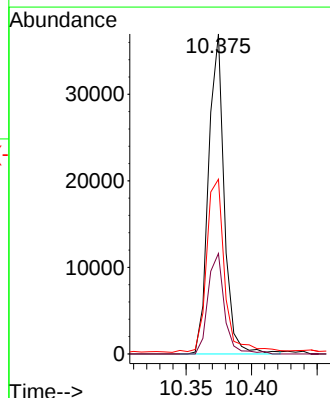
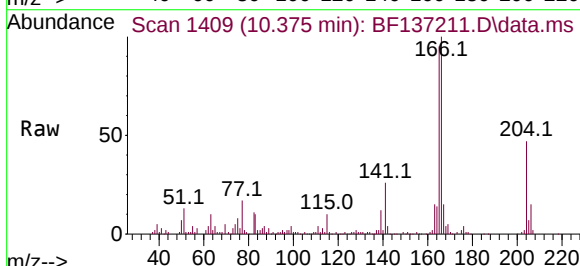
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MS

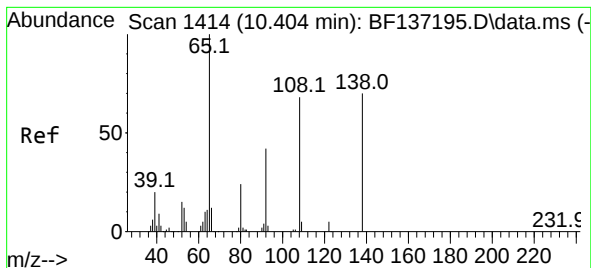
Tgt Ion:149 Resp: 65348
Ion Ratio Lower Upper
149 100
177 22.1 18.0 27.0
150 12.0 9.6 14.4



#61
4-Chlorophenyl-phenylether
Concen: 10.950 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

Tgt Ion:204 Resp: 30780
Ion Ratio Lower Upper
204 100
206 31.4 25.5 38.3
141 54.6 48.3 72.5

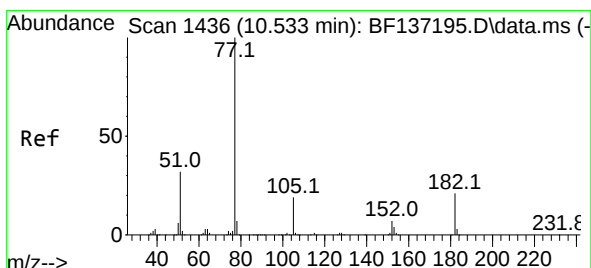
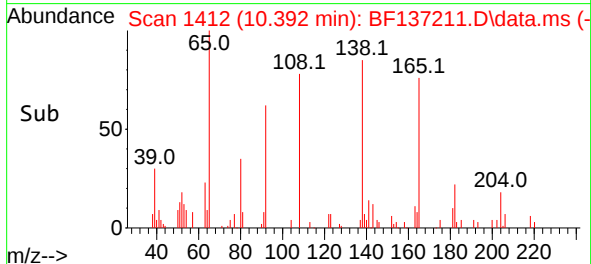
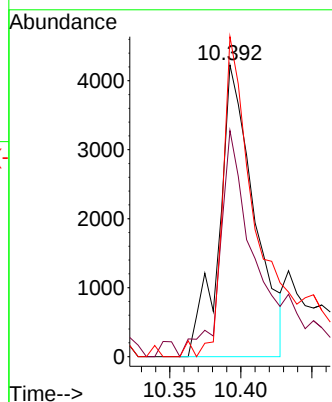
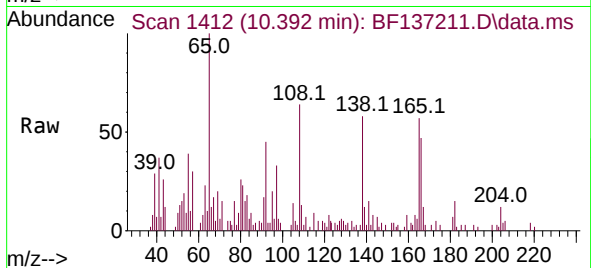




#62
4-Nitroaniline
Concen: 7.203 ng
RT: 10.392 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

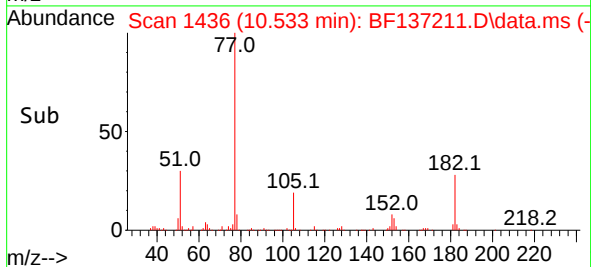
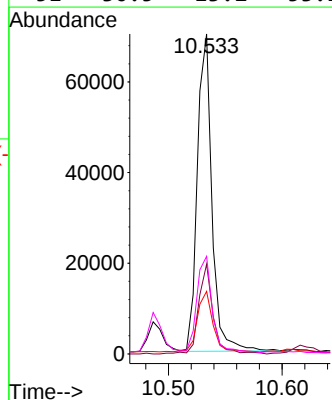
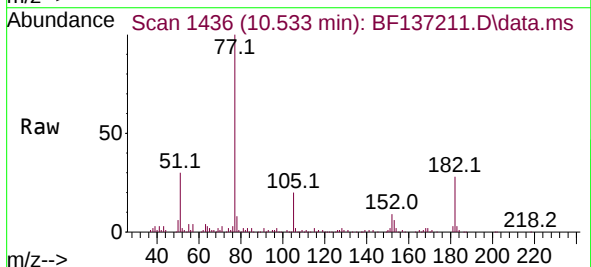
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MS

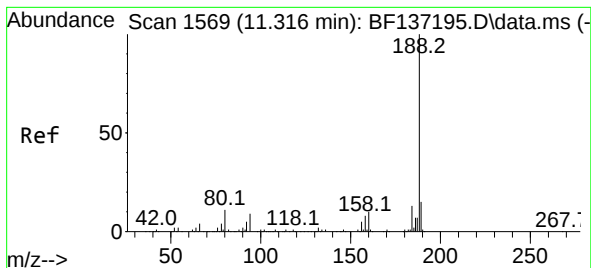
Tgt Ion:138 Resp: 7315
Ion Ratio Lower Upper
138 100
92 77.5 39.3 79.3
108 109.7 75.3 115.3



#63
Azobenzene
Concen: 10.350 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

Tgt Ion: 77 Resp: 62406
Ion Ratio Lower Upper
77 100
182 28.0 1.1 41.1
105 19.5 0.0 38.9
51 30.5 13.2 53.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137211.D

Acq: 31 Jan 2024 15:33

Instrument :

BNA_F

ClientSampleId :

TR-05-013024MS

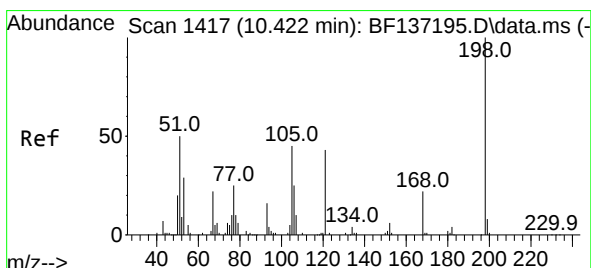
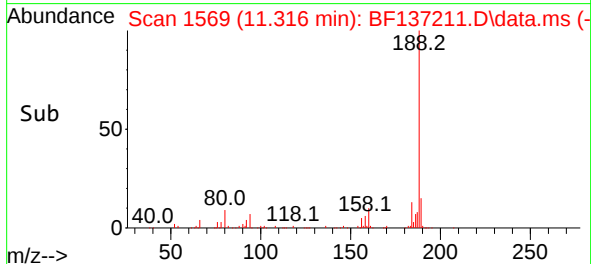
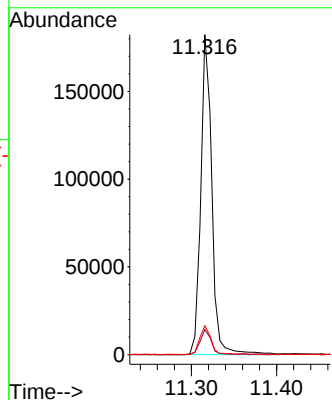
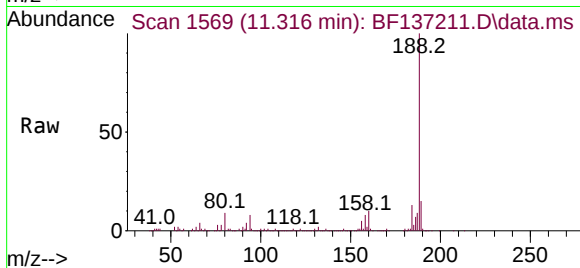
Tgt Ion:188 Resp: 163408

Ion Ratio Lower Upper

188 100

94 7.9 7.0 10.4

80 9.0 8.8 13.2



#65

4,6-Dinitro-2-methylphenol

Concen: 7.540 ng

RT: 10.422 min Scan# 1417

Delta R.T. -0.000 min

Lab File: BF137211.D

Acq: 31 Jan 2024 15:33

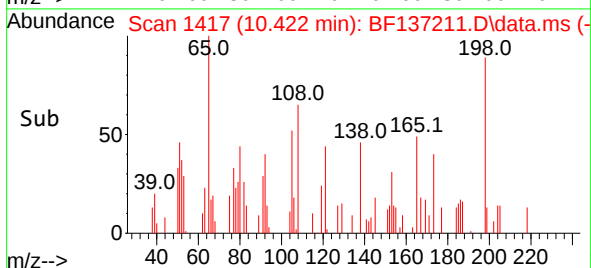
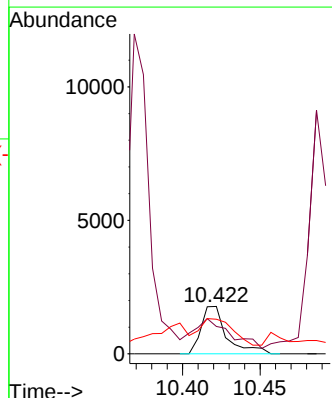
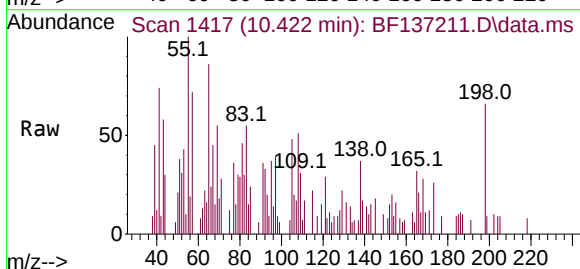
Tgt Ion:198 Resp: 2036

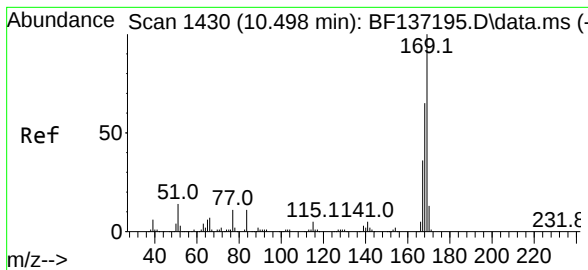
Ion Ratio Lower Upper

198 100

51 58.0 40.9 80.9

105 72.9 26.5 66.5#

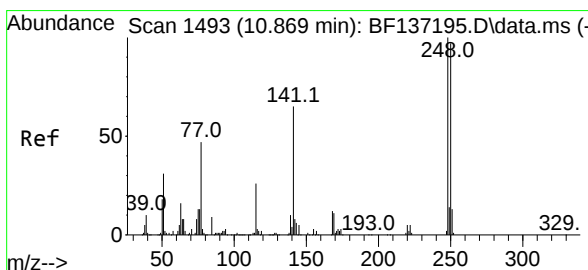
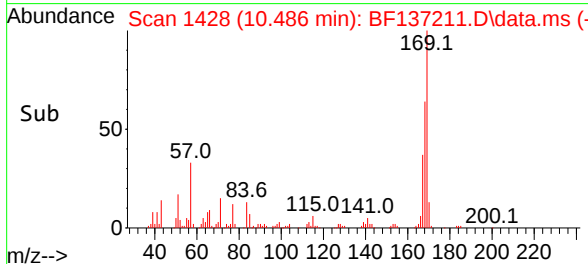
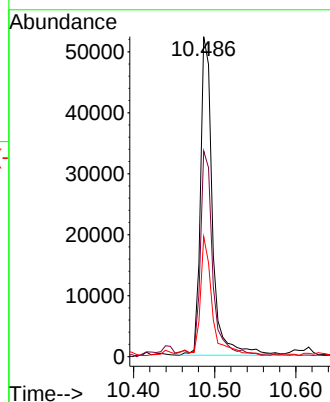
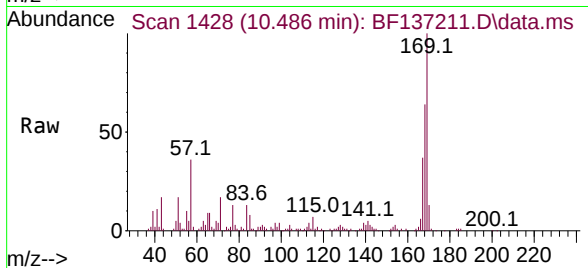




#66
n-Nitrosodiphenylamine
Concen: 10.825 ng
RT: 10.486 min Scan# 1430
Delta R.T. -0.012 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

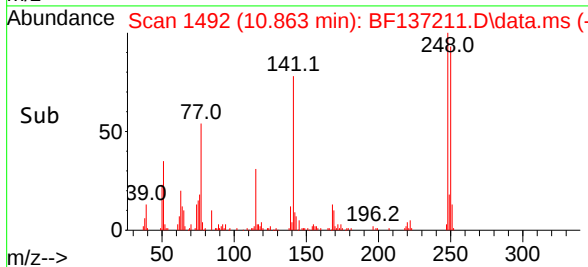
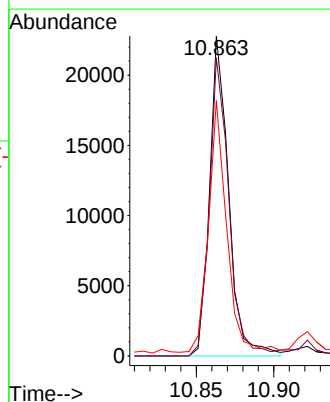
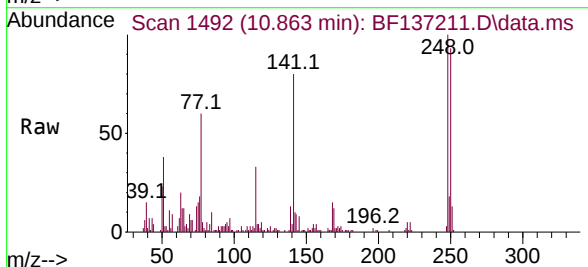
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MS

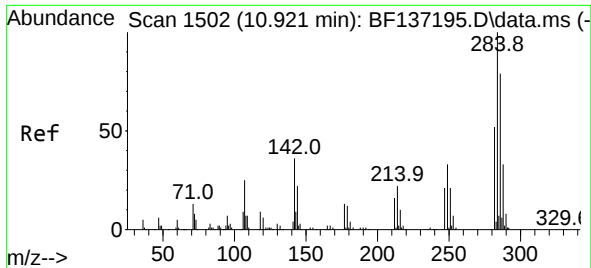
Tgt Ion:	169	Resp:	53785
Ion Ratio	Lower	Upper	
169	100		
168	64.3	51.9	77.9
167	37.5	29.0	43.6



#67
4-Bromophenyl-phenylether
Concen: 10.860 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

Tgt Ion:	248	Resp:	19513
Ion Ratio	Lower	Upper	
248	100		
250	93.2	77.7	116.5
141	79.8	51.6	77.4#

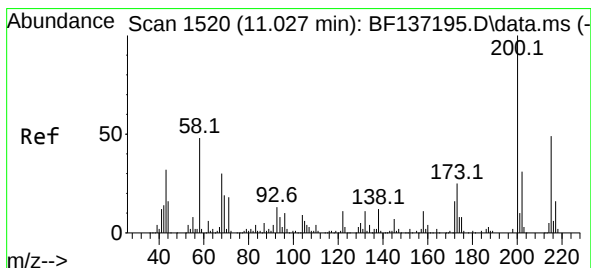
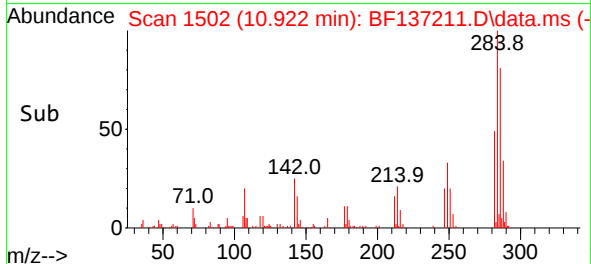
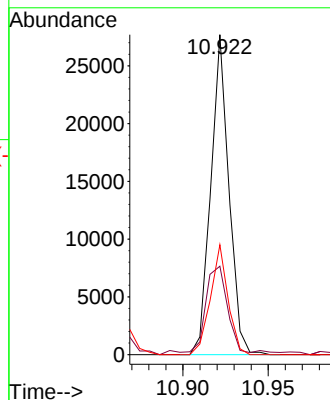
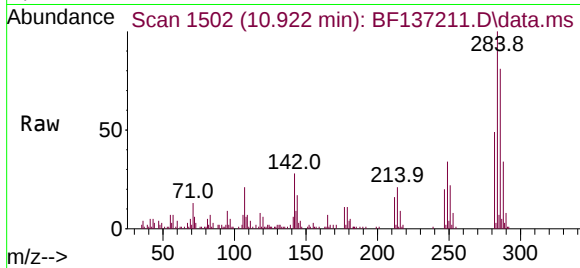




#68
Hexachlorobenzene
Concen: 10.209 ng
RT: 10.922 min Scan# 1519
Delta R.T. 0.000 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

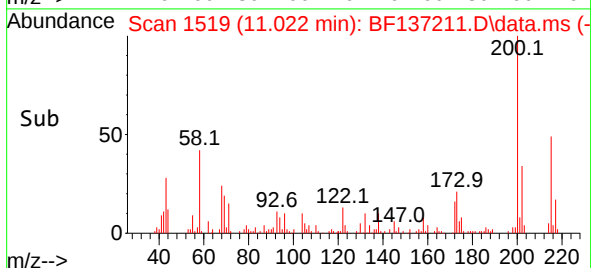
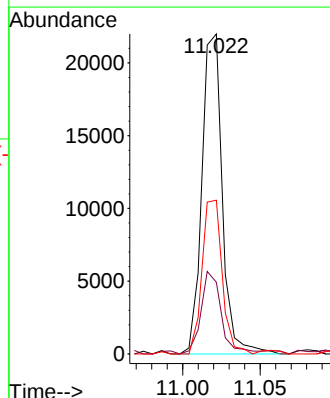
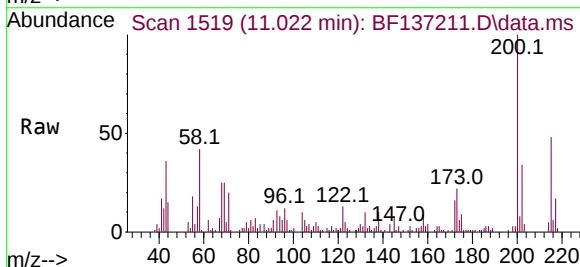
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MS

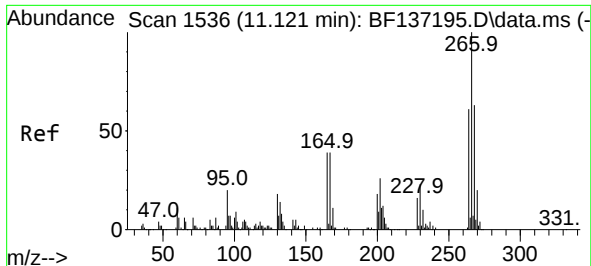
Tgt Ion:284 Resp: 20489
Ion Ratio Lower Upper
284 100
142 27.6 28.7 43.1#
249 34.3 27.0 40.4



#69
Atrazine
Concen: 12.345 ng
RT: 11.022 min Scan# 1519
Delta R.T. -0.006 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

Tgt Ion:200 Resp: 20248
Ion Ratio Lower Upper
200 100
173 22.4 5.3 45.3
215 48.1 29.4 69.4

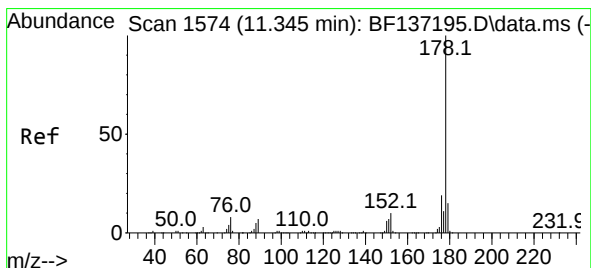
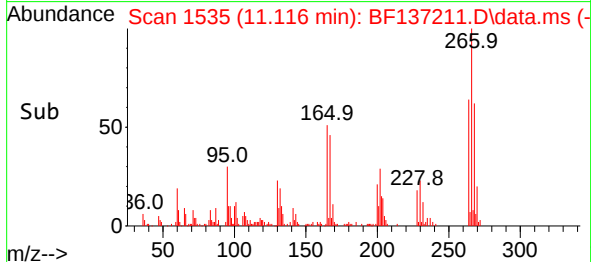
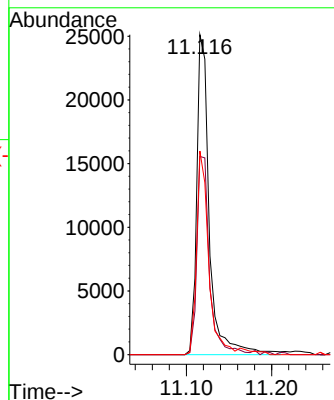
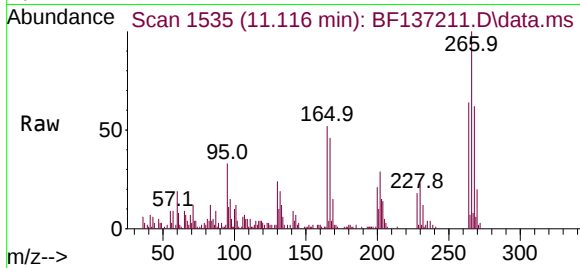




#70
 Pentachlorophenol
 Concen: 22.440 ng
 RT: 11.116 min Scan# 11
 Delta R.T. -0.005 min
 Lab File: BF137211.D
 Acq: 31 Jan 2024 15:33

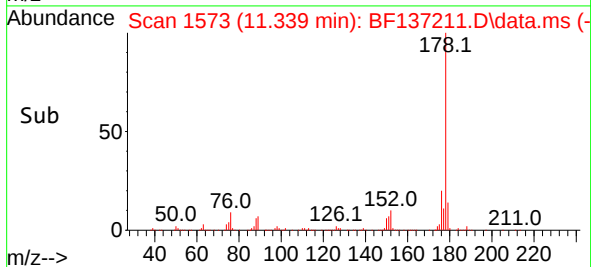
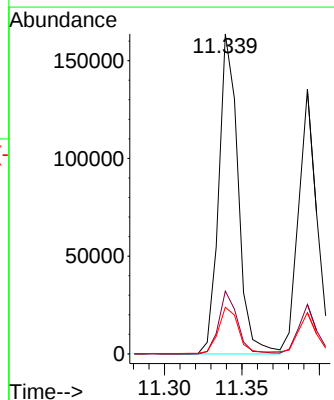
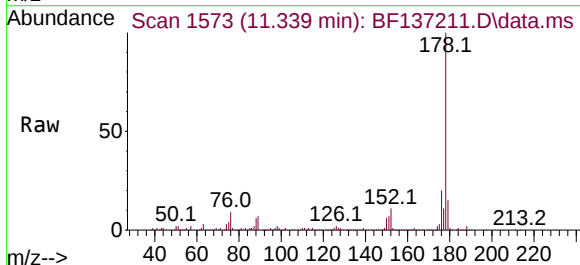
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-013024MS

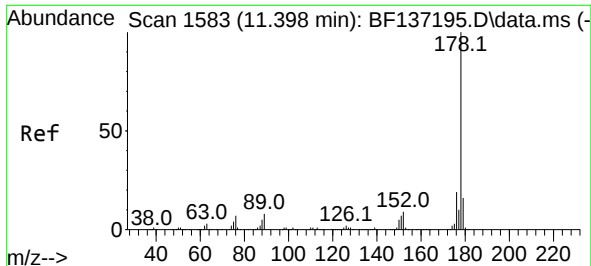
Tgt Ion:266 Resp: 25817
 Ion Ratio Lower Upper
 266 100
 268 61.9 50.6 76.0
 264 63.6 48.8 73.2



#71
 Phenanthrene
 Concen: 16.641 ng
 RT: 11.339 min Scan# 1573
 Delta R.T. -0.006 min
 Lab File: BF137211.D
 Acq: 31 Jan 2024 15:33

Tgt Ion:178 Resp: 142358
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.1 22.7
 179 14.6 12.1 18.1

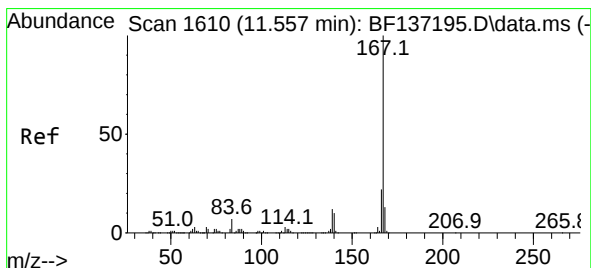
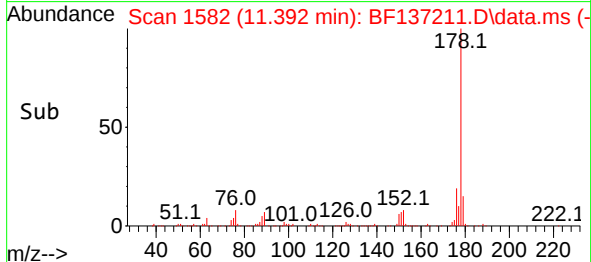
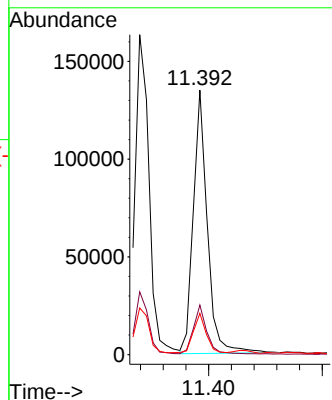
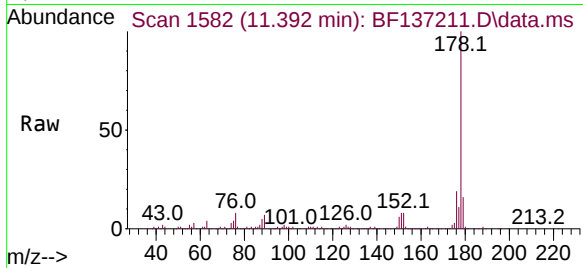




#72
 Anthracene
 Concen: 12.966 ng
 RT: 11.392 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF137211.D
 Acq: 31 Jan 2024 15:33

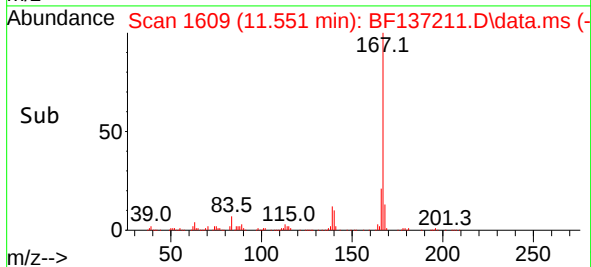
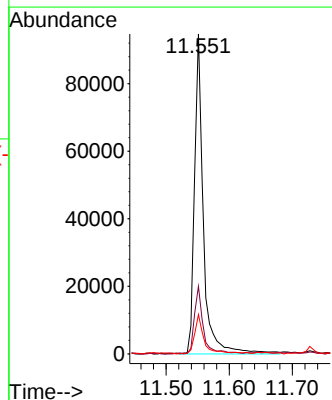
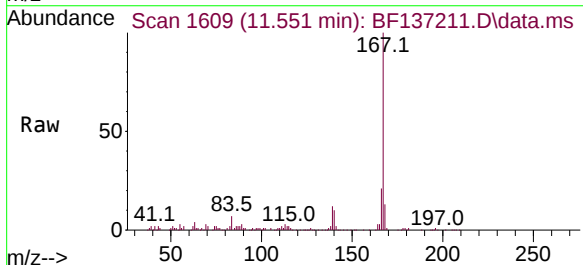
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-013024MS

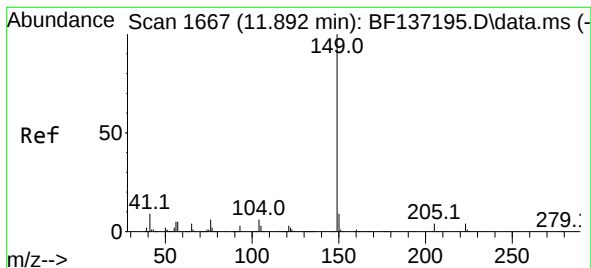
Tgt Ion:178 Resp: 115615
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.3 22.9
 179 15.6 12.7 19.1



#73
 Carbazole
 Concen: 12.471 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF137211.D
 Acq: 31 Jan 2024 15:33

Tgt Ion:167 Resp: 92931
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.6 26.4
 139 12.3 9.7 14.5





#74

Di-n-butylphthalate

Concen: 13.170 ng

RT: 11.892 min Scan# 1667

Delta R.T. 0.000 min

Lab File: BF137211.D

Acq: 31 Jan 2024 15:33

Instrument :

BNA_F

ClientSampleId :

TR-05-013024MS

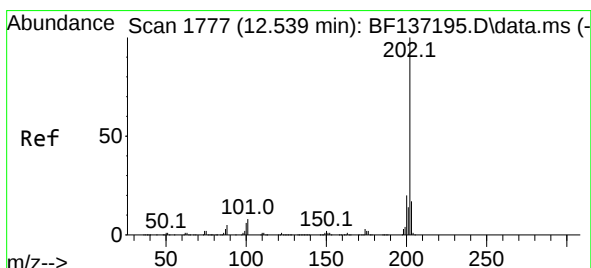
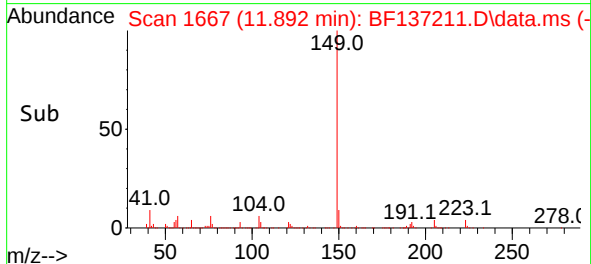
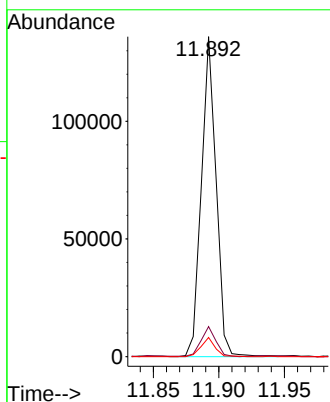
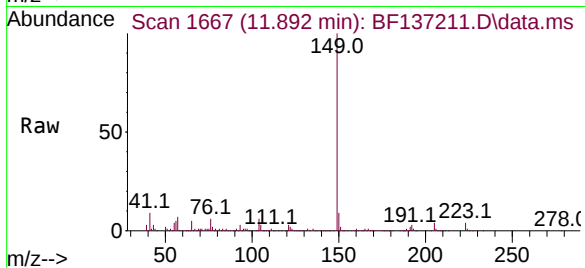
Tgt Ion:149 Resp: 106082

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

104 6.0 4.5 6.7



#75

Fluoranthene

Concen: 27.205 ng

RT: 12.539 min Scan# 1777

Delta R.T. 0.000 min

Lab File: BF137211.D

Acq: 31 Jan 2024 15:33

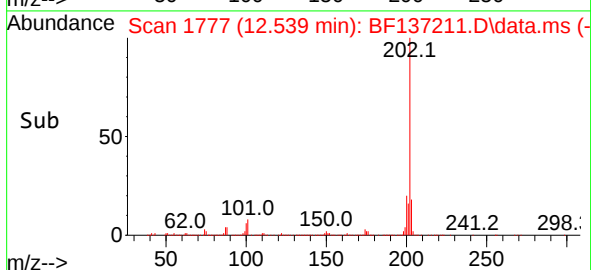
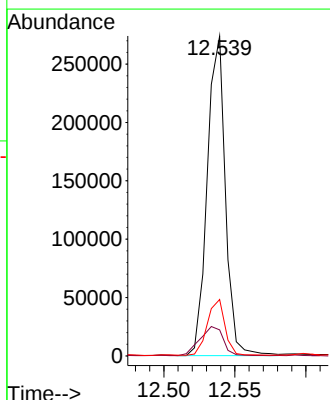
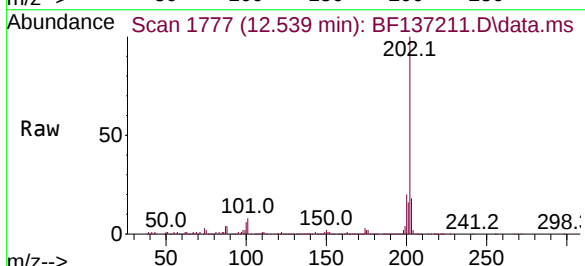
Tgt Ion:202 Resp: 243527

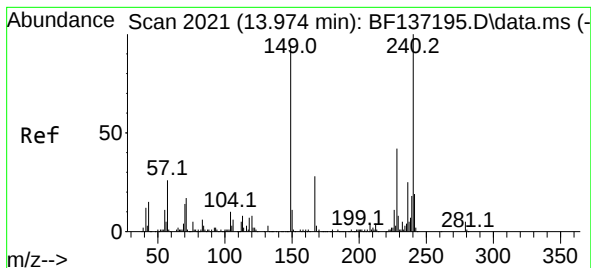
Ion Ratio Lower Upper

202 100

101 8.1 0.0 28.4

203 17.6 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF137211.D

Acq: 31 Jan 2024 15:33

Instrument :

BNA_F

ClientSampleId :

TR-05-013024MS

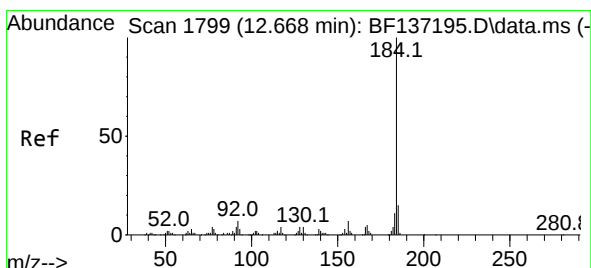
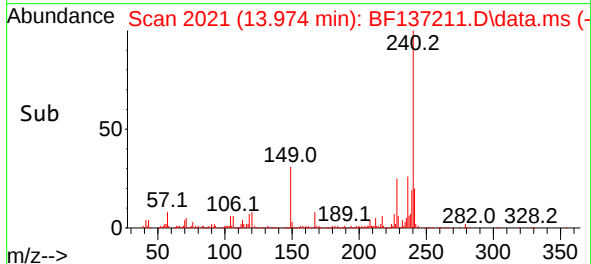
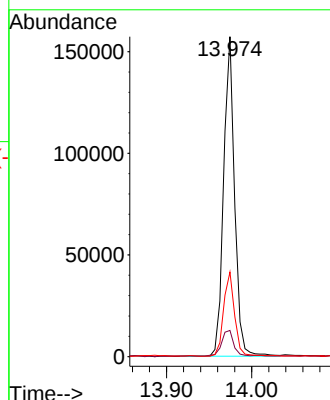
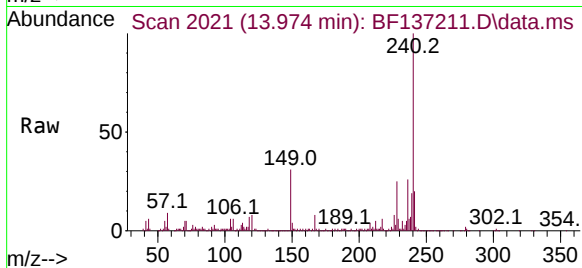
Tgt Ion:240 Resp: 140810

Ion Ratio Lower Upper

240 100

120 8.2 6.3 9.5

236 26.4 20.3 30.5



#77

Benzidine

Concen: 15.243 ng

RT: 12.675 min Scan# 1800

Delta R.T. 0.007 min

Lab File: BF137211.D

Acq: 31 Jan 2024 15:33

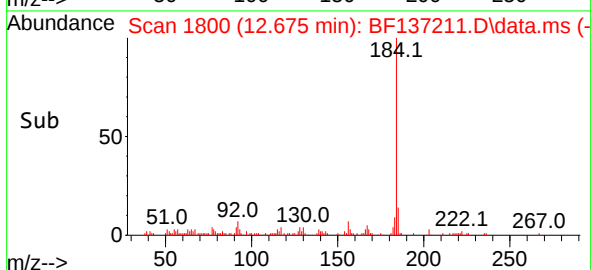
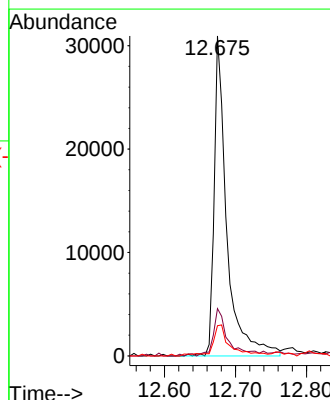
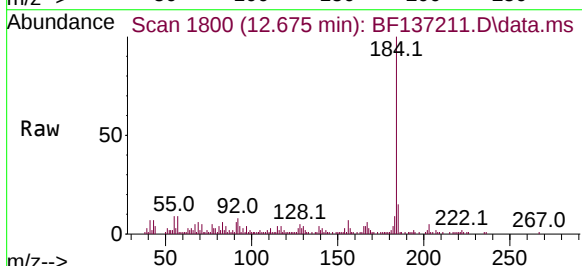
Tgt Ion:184 Resp: 38434

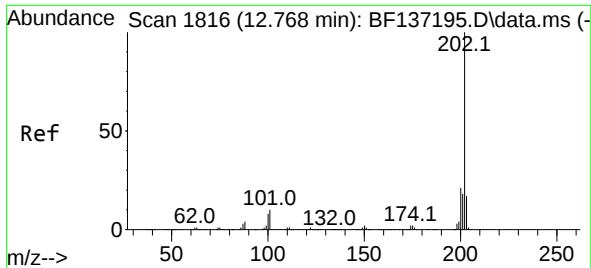
Ion Ratio Lower Upper

184 100

185 14.8 11.9 17.9

183 9.4 8.8 13.2

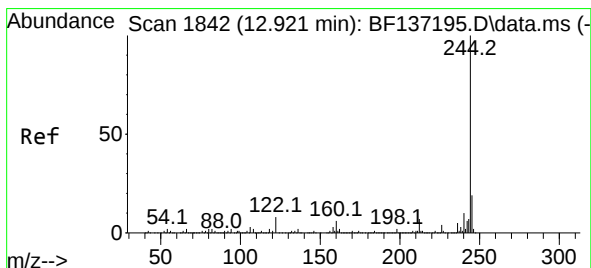
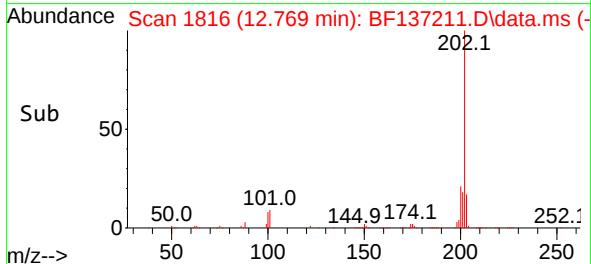
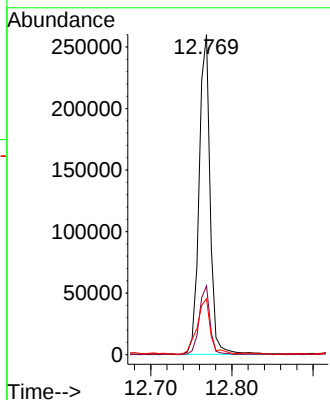
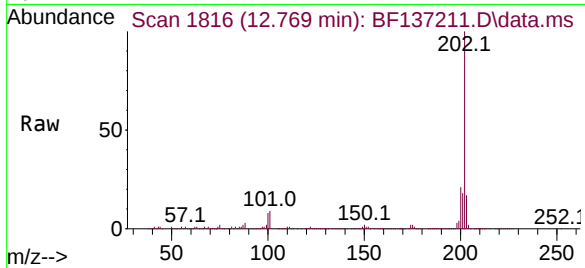




#78
Pyrene
Concen: 18.031 ng
RT: 12.769 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

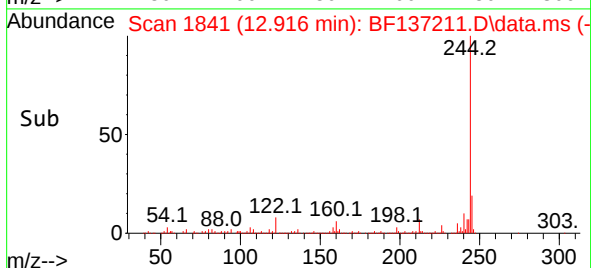
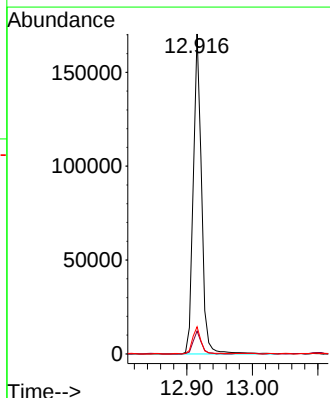
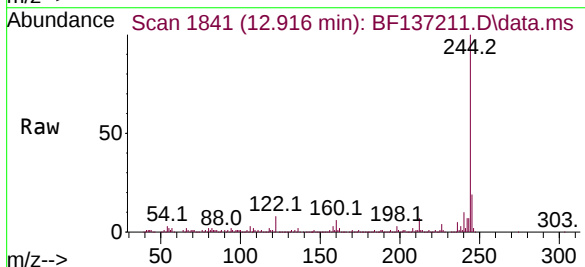
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MS

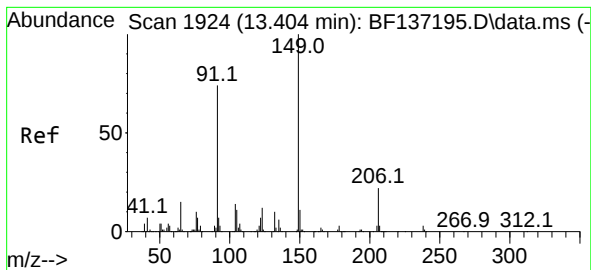
Tgt Ion:	202	Resp:	243993
Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.5	24.7
203	17.4	13.8	20.6



#79
Terphenyl-d14
Concen: 14.413 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF137211.D
Acq: 31 Jan 2024 15:33

Tgt Ion:	244	Resp:	149291
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.5	8.3
122	8.5	6.2	9.4





#80

Butylbenzylphthalate

Concen: 13.453 ng

RT: 13.398 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BF137211.D

Acq: 31 Jan 2024 15:33

Instrument :

BNA_F

ClientSampleId :

TR-05-013024MS

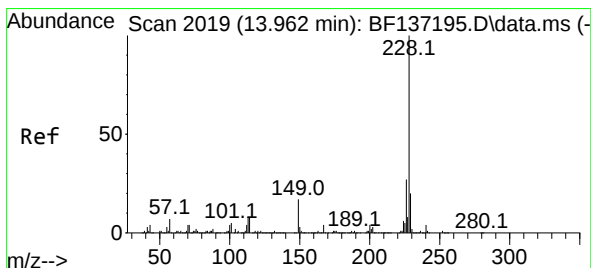
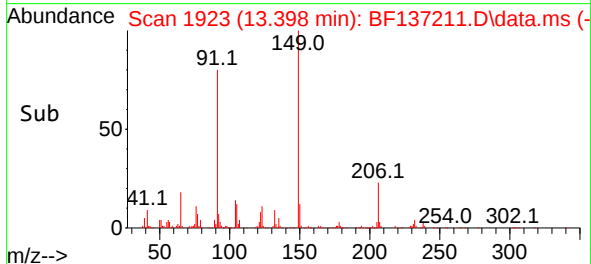
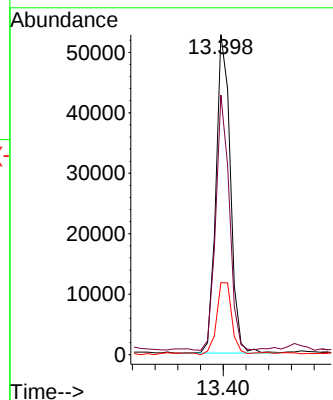
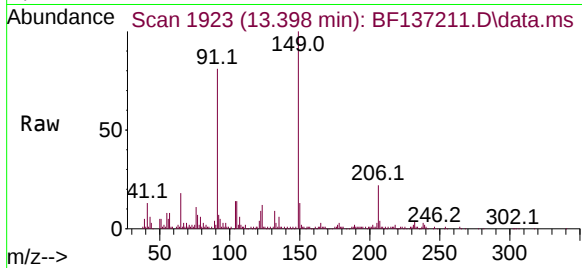
Tgt Ion:149 Resp: 46568

Ion Ratio Lower Upper

149 100

91 81.1 58.8 88.2

206 22.5 17.7 26.5



#81

Benzo(a)anthracene

Concen: 19.813 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF137211.D

Acq: 31 Jan 2024 15:33

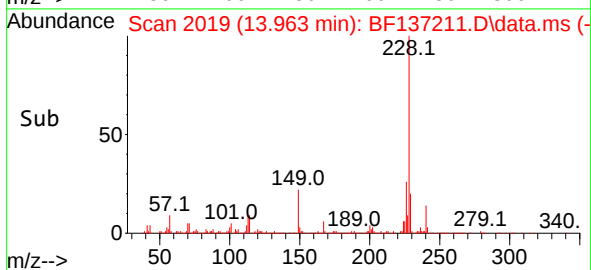
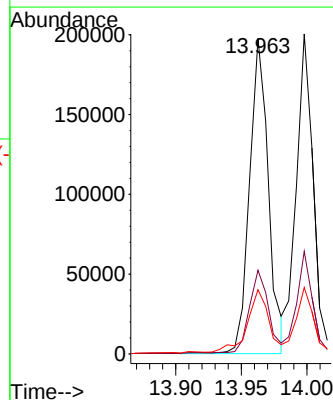
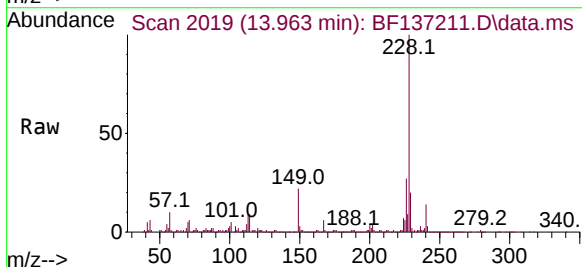
Tgt Ion:228 Resp: 197576

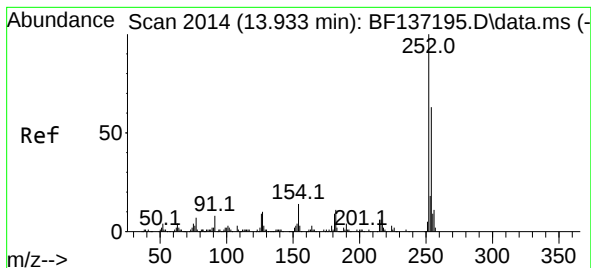
Ion Ratio Lower Upper

228 100

226 26.5 21.6 32.4

229 20.4 15.8 23.6





#82

3,3'-Dichlorobenzidine

Concen: 6.614 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF137211.D

Acq: 31 Jan 2024 15:33

Instrument :

BNA_F

ClientSampleId :

TR-05-013024MS

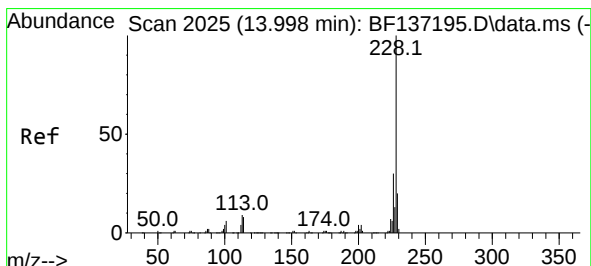
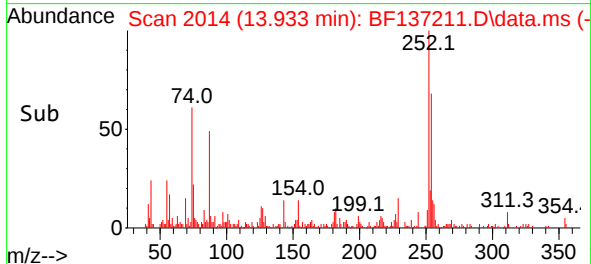
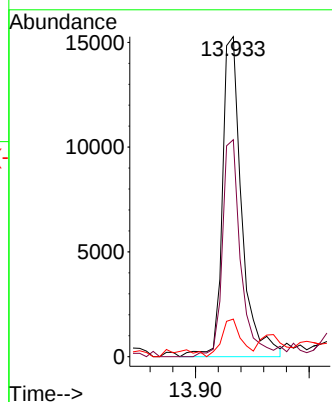
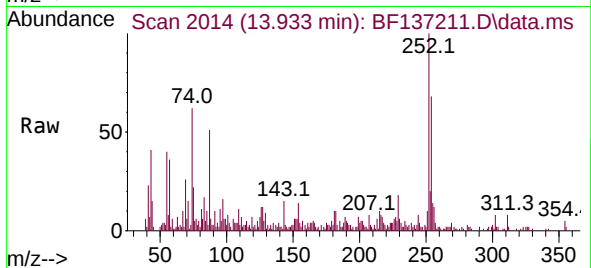
Tgt Ion:252 Resp: 17970

Ion Ratio Lower Upper

252 100

254 67.8 50.2 75.2

126 11.7 7.0 10.6#



#83

Chrysene

Concen: 18.639 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF137211.D

Acq: 31 Jan 2024 15:33

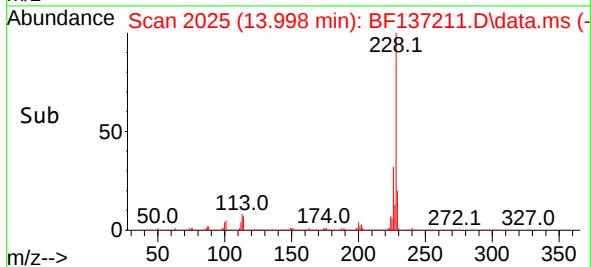
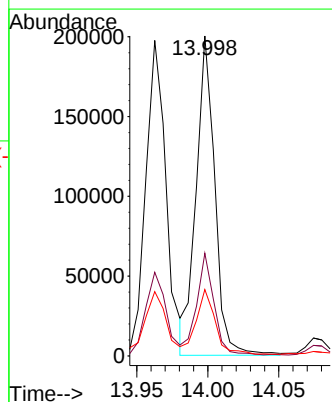
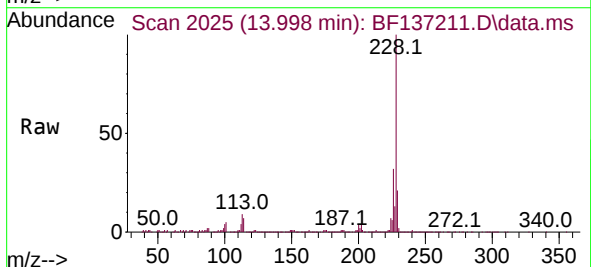
Tgt Ion:228 Resp: 182740

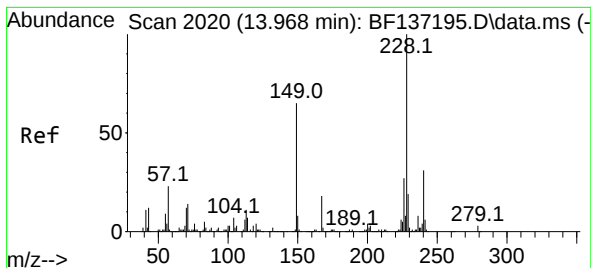
Ion Ratio Lower Upper

228 100

226 32.1 23.7 35.5

229 20.7 15.6 23.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 17.590 ng

RT: 13.969 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF137211.D

Acq: 31 Jan 2024 15:33

Instrument :

BNA_F

ClientSampleId :

TR-05-013024MS

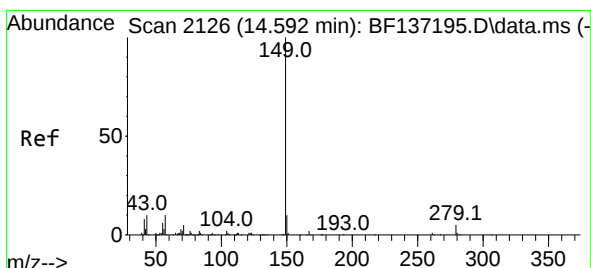
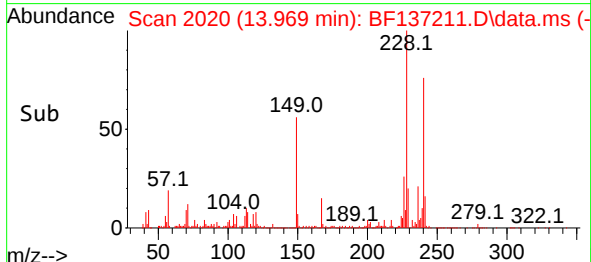
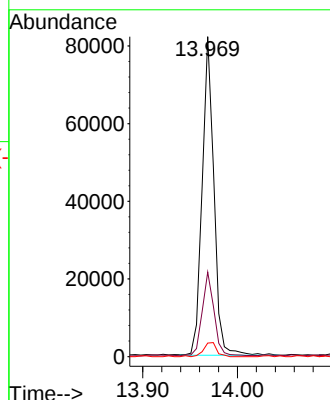
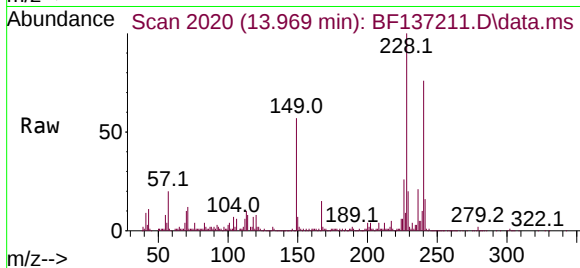
Tgt Ion:149 Resp: 70840

Ion Ratio Lower Upper

149 100

167 26.4 21.7 32.5

279 4.3 3.4 5.0



#85

Di-n-octyl phthalate

Concen: 17.908 ng

RT: 14.586 min Scan# 2125

Delta R.T. -0.006 min

Lab File: BF137211.D

Acq: 31 Jan 2024 15:33

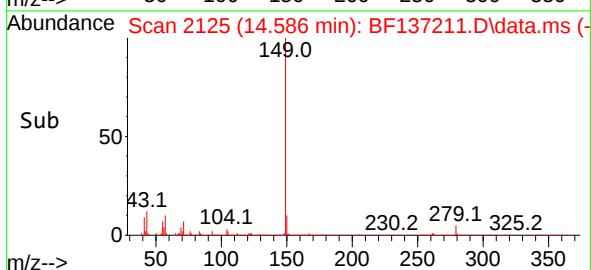
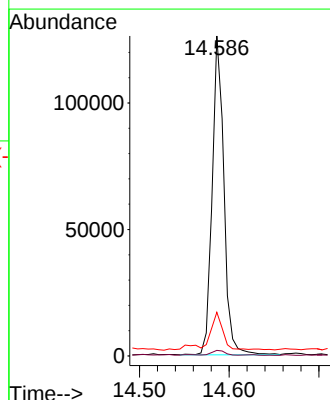
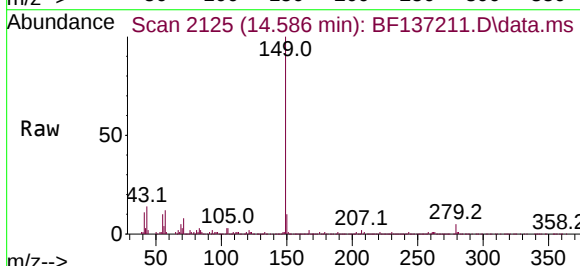
Tgt Ion:149 Resp: 114675

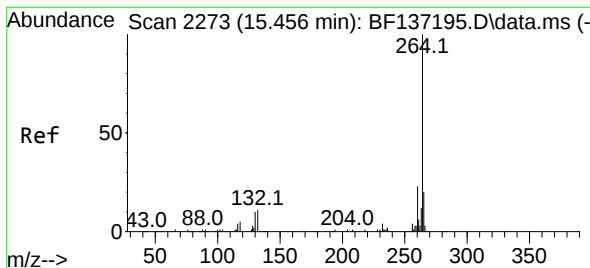
Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 11.2 9.0 13.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF137211.D

Acq: 31 Jan 2024 15:33

Instrument :

BNA_F

ClientSampleId :

TR-05-013024MS

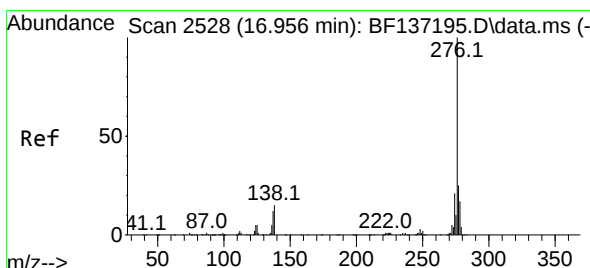
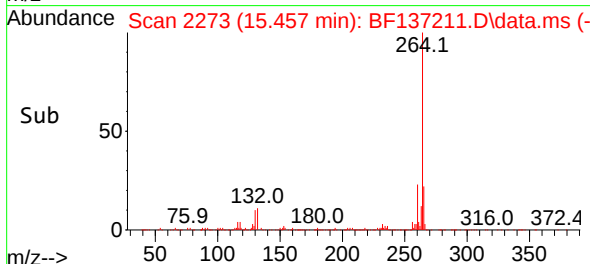
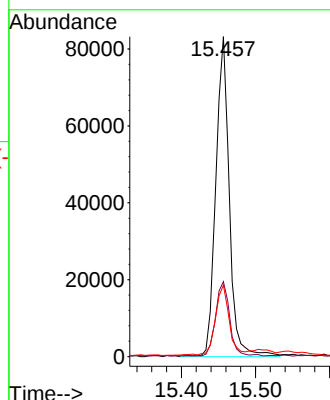
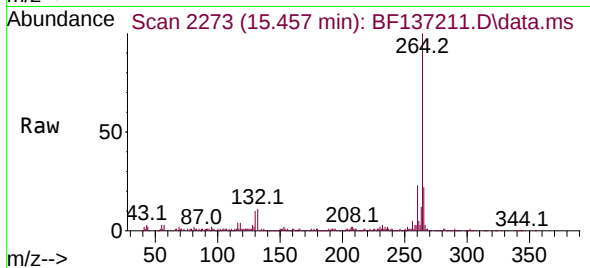
Tgt Ion:264 Resp: 105526

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.4

265 22.3 16.2 24.2



#87

Indeno(1,2,3-cd)pyrene

Concen: 12.467 ng

RT: 16.951 min Scan# 2527

Delta R.T. -0.006 min

Lab File: BF137211.D

Acq: 31 Jan 2024 15:33

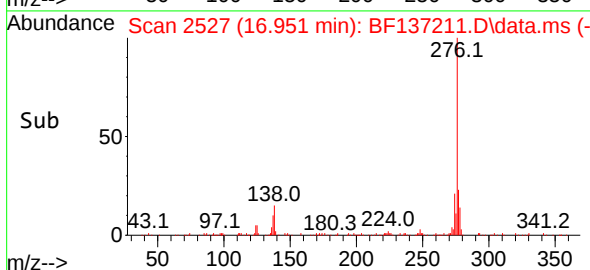
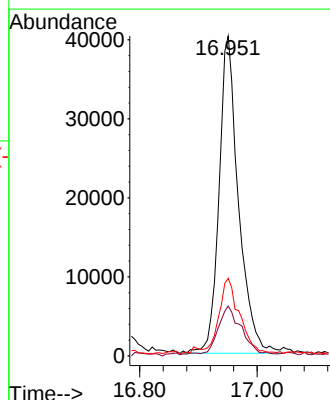
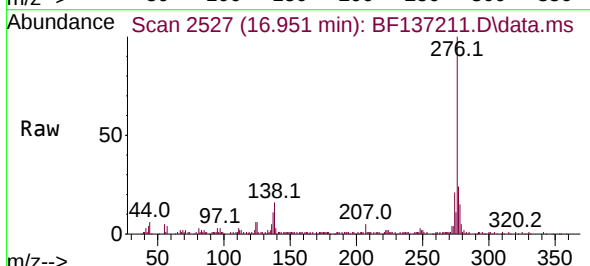
Tgt Ion:276 Resp: 92430

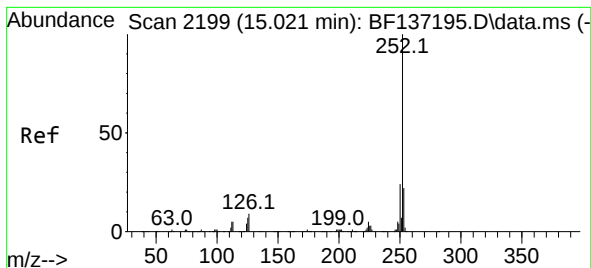
Ion Ratio Lower Upper

276 100

138 17.0 14.6 21.8

277 25.1 20.2 30.2





#88

Benzo(b)fluoranthene

Concen: 22.177 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF137211.D

Acq: 31 Jan 2024 15:33

Instrument :

BNA_F

ClientSampleId :

TR-05-013024MS

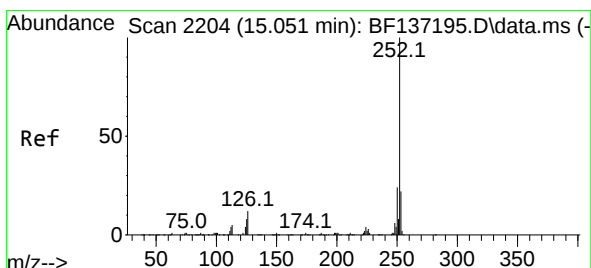
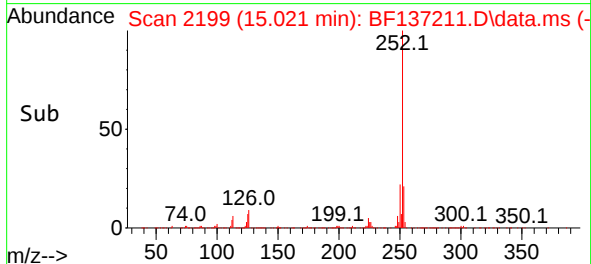
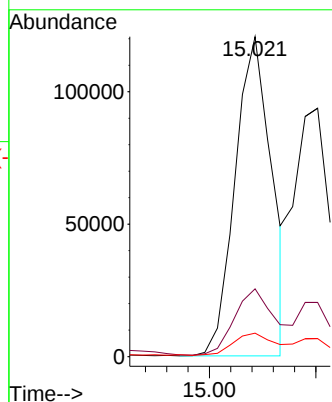
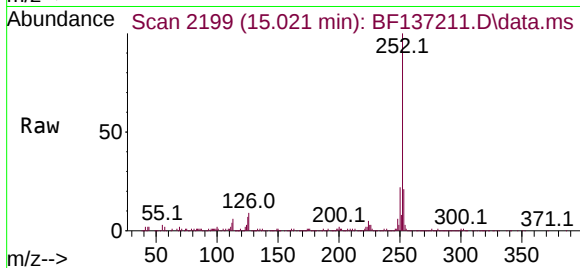
Tgt Ion:252 Resp: 143921

Ion Ratio Lower Upper

252 100

253 21.2 17.9 26.9

125 7.3 5.4 8.2



#89

Benzo(k)fluoranthene

Concen: 16.415 ng

RT: 15.051 min Scan# 2204

Delta R.T. 0.000 min

Lab File: BF137211.D

Acq: 31 Jan 2024 15:33

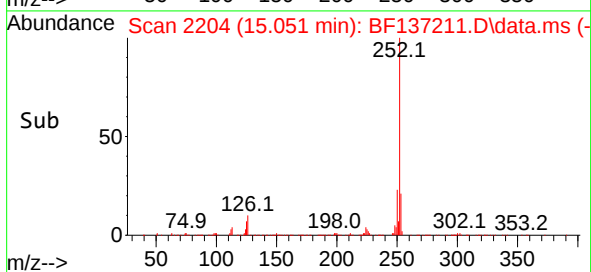
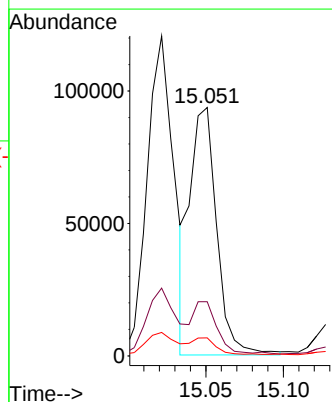
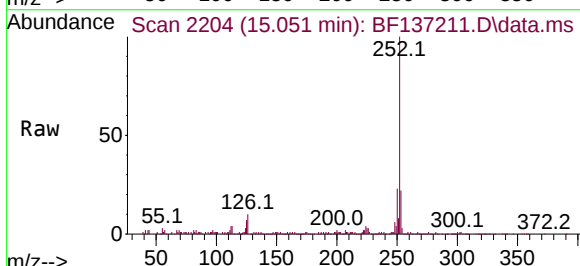
Tgt Ion:252 Resp: 112695

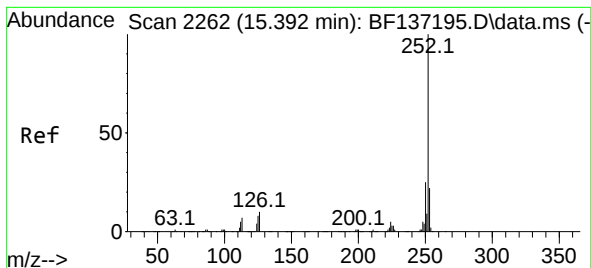
Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

125 7.3 5.9 8.9





#90

Benzo(a)pyrene

Concen: 18.225 ng

RT: 15.392 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF137211.D

Acq: 31 Jan 2024 15:33

Instrument :

BNA_F

ClientSampleId :

TR-05-013024MS

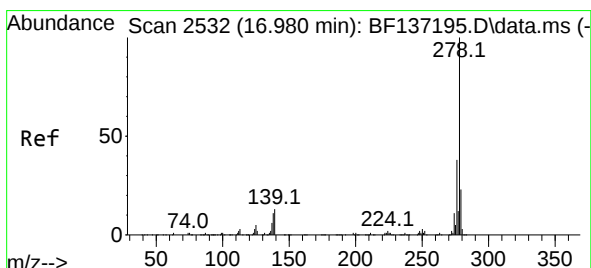
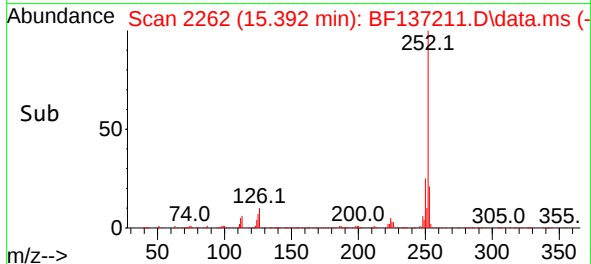
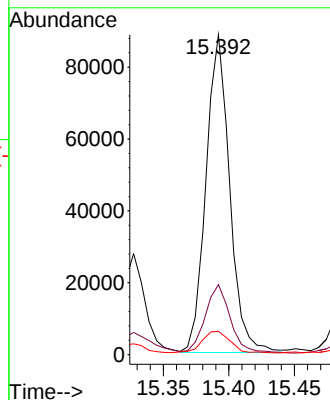
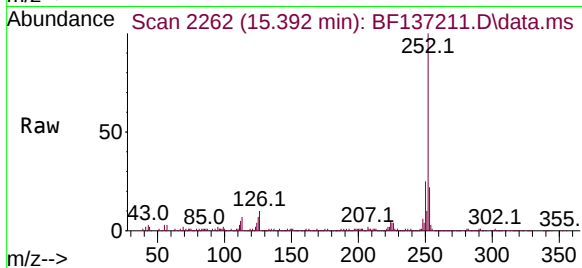
Tgt Ion:252 Resp: 111304

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 7.3 6.5 9.7



#91

Dibenzo(a,h)anthracene

Concen: 9.710 ng

RT: 16.974 min Scan# 2531

Delta R.T. -0.006 min

Lab File: BF137211.D

Acq: 31 Jan 2024 15:33

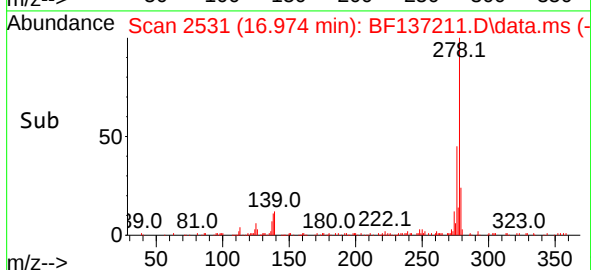
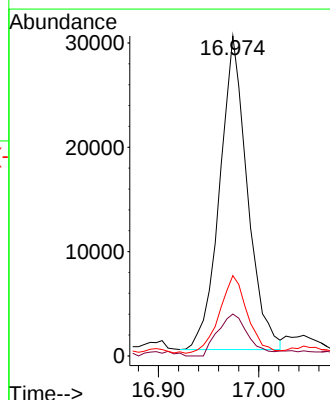
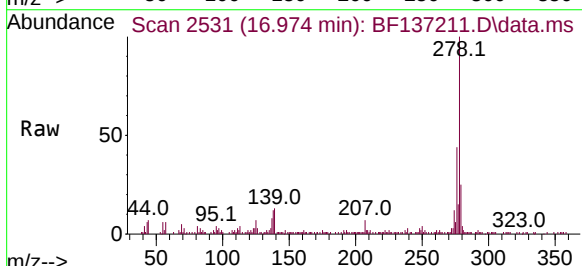
Tgt Ion:278 Resp: 57681

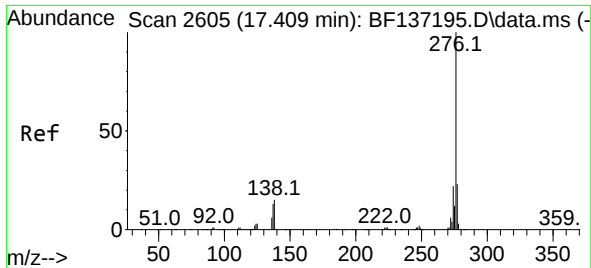
Ion Ratio Lower Upper

278 100

139 13.1 10.0 15.0

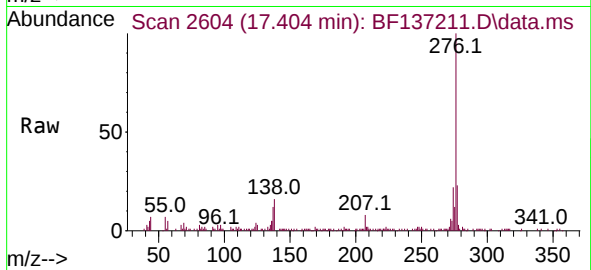
279 25.1 18.5 27.7





#92
 Benzo(g,h,i)perylene
 Concen: 12.793 ng
 RT: 17.404 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: BF137211.D
 Acq: 31 Jan 2024 15:33

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-013024MS



Tgt Ion:	276	Resp:	74590
Ion Ratio	Lower	Upper	
276	100		
277	22.9	18.4	27.6
138	15.9	11.8	17.8

