

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
 Data File : BF137212.D
 Acq On : 31 Jan 2024 16:03
 Operator : CG\JU
 Sample : P1297-01MSD 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-013024MSD

Quant Time: Feb 01 01:18:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	41549	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	147799	20.000	ng	# 0.00
39) Acenaphthene-d10	9.827	164	83263	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	167847	20.000	ng	0.00
76) Chrysene-d12	13.974	240	143710	20.000	ng	0.00
86) Perylene-d12	15.457	264	102445	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	62165	24.688	ng	0.00
7) Phenol-d6	6.422	99	77902	21.679	ng	0.00
23) Nitrobenzene-d5	7.351	82	51631	15.640	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	25061	26.651	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	101482	16.755	ng	0.00
79) Terphenyl-d14	12.916	244	145537	13.767	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.534	88	11402	8.463	ng	93
3) Pyridine	3.298	79	20139	9.952	ng	92
4) n-Nitrosodimethylamine	3.240	42	7868	11.067	ng	# 89
6) Aniline	6.457	93	14320	3.723	ng	# 73
8) 2-Chlorophenol	6.575	128	26327	9.351	ng	97
9) Benzaldehyde	6.345	77	9426	6.888	ng	90
10) Phenol	6.434	94	34349	8.564	ng	98
11) bis(2-Chloroethyl)ether	6.528	93	25042	9.342	ng	93
12) 1,3-Dichlorobenzene	6.734	146	31881	9.658	ng	98
13) 1,4-Dichlorobenzene	6.810	146	31071	9.101	ng	99
14) 1,2-Dichlorobenzene	6.963	146	32028	10.034	ng	99
15) Benzyl Alcohol	6.928	79	23852	9.343	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.063	45	46446	9.619	ng	99
17) 2-Methylphenol	7.039	107	20342	8.648	ng	96
18) Hexachloroethane	7.304	117	13046	10.596	ng	93
19) n-Nitroso-di-n-propyla...	7.198	70	24547	9.963	ng	98
20) 3+4-Methylphenols	7.192	107	28900	9.706	ng	# 83
22) Acetophenone	7.198	105	44933	11.293	ng	# 95
24) Nitrobenzene	7.369	77	30606	9.552	ng	100
25) Isophorone	7.604	82	64982	10.664	ng	# 96
26) 2-Nitrophenol	7.686	139	11858	11.521	ng	# 86
27) 2,4-Dimethylphenol	7.722	122	18069	10.375	ng	88
28) bis(2-Chloroethoxy)met...	7.822	93	33332	10.301	ng	98
29) 2,4-Dichlorophenol	7.928	162	21502	9.952	ng	95
30) 1,2,4-Trichlorobenzene	8.010	180	27779	10.351	ng	98
31) Naphthalene	8.092	128	84602	10.588	ng	99
32) Benzoic acid	8.010	122	751	8.836	ng	92
33) 4-Chloroaniline	8.145	127	11409	4.151	ng	94
34) Hexachlorobutadiene	8.210	225	19130	10.720	ng	99
35) Caprolactam	8.475	113	6737	10.028	ng	# 82
36) 4-Chloro-3-methylphenol	8.616	107	24859	9.741	ng	97
37) 2-Methylnaphthalene	8.786	142	58230	10.870	ng	99
38) 1-Methylnaphthalene	8.880	142	54891	11.032	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	29394	10.550	ng	97
41) Hexachlorocyclopentadiene	8.933	237	7327	5.522	ng	93
43) 2,4,6-Trichlorophenol	9.057	196	17052	10.791	ng	90

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
 Data File : BF137212.D
 Acq On : 31 Jan 2024 16:03
 Operator : CG\JU
 Sample : P1297-01MSD 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-013024MSD

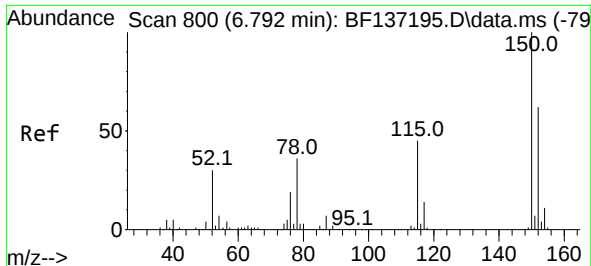
Quant Time: Feb 01 01:18:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	17635	10.210	ng	94
46) 1,1'-Biphenyl	9.251	154	70891	10.701	ng	97
47) 2-Chloronaphthalene	9.269	162	49874	10.173	ng	97
48) 2-Nitroaniline	9.369	65	15401	9.706	ng	96
49) Acenaphthylene	9.686	152	83460	10.634	ng	99
50) Dimethylphthalate	9.545	163	61780	10.983	ng	100
51) 2,6-Dinitrotoluene	9.610	165	12952	10.798	ng	91
52) Acenaphthene	9.857	154	55155	11.957	ng	98
53) 3-Nitroaniline	9.780	138	7847	7.270	ng	98
54) 2,4-Dinitrophenol	9.904	184	1011	13.169	ng	# 36
55) Dibenzofuran	10.033	168	79238	10.797	ng	98
56) 4-Nitrophenol	9.939	139	15155	21.964	ng	91
57) 2,4-Dinitrotoluene	10.010	165	16262	10.449	ng	# 95
58) Fluorene	10.374	166	67443	11.722	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	15643	9.733	ng	# 80
60) Diethylphthalate	10.251	149	63166	11.405	ng	100
61) 4-Chlorophenyl-phenyle...	10.374	204	31471	11.005	ng	95
62) 4-Nitroaniline	10.392	138	10108	9.783	ng	87
63) Azobenzene	10.533	77	62670	10.217	ng	93
65) 4,6-Dinitro-2-methylph...	10.422	198	1493	6.943	ng	# 44
66) n-Nitrosodiphenylamine	10.486	169	52104	10.209	ng	97
67) 4-Bromophenyl-phenylether	10.863	248	19378	10.500	ng	# 90
68) Hexachlorobenzene	10.922	284	20917	10.147	ng	97
69) Atrazine	11.022	200	20047	11.899	ng	98
70) Pentachlorophenol	11.121	266	26148	22.127	ng	96
71) Phenanthrene	11.339	178	141890	16.148	ng	98
72) Anthracene	11.392	178	118681	12.958	ng	97
73) Carbazole	11.551	167	91785	11.992	ng	98
74) Di-n-butylphthalate	11.892	149	104585	12.640	ng	100
75) Fluoranthene	12.539	202	244637	26.606	ng	99
77) Benzidine	12.674	184	39235	15.247	ng	97
78) Pyrene	12.768	202	233009	16.872	ng	99
80) Butylbenzylphthalate	13.404	149	44862	12.698	ng	99
81) Benzo(a)anthracene	13.963	228	191705	18.836	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	18901	6.816	ng	98
83) Chrysene	13.998	228	176245	17.614	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	66640	16.213	ng	99
85) Di-n-octyl phthalate	14.586	149	107382	16.431	ng	98
87) Indeno(1,2,3-cd)pyrene	16.951	276	88356	12.276	ng	97
88) Benzo(b)fluoranthene	15.021	252	153028	24.289	ng	98
89) Benzo(k)fluoranthene	15.051	252	91800	13.773	ng	98
90) Benzo(a)pyrene	15.392	252	108165	18.243	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	58052	10.066	ng	# 94
92) Benzo(g,h,i)perylene	17.398	276	73851	13.047	ng	100

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

Quant Time: Feb 01 01:18:21 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

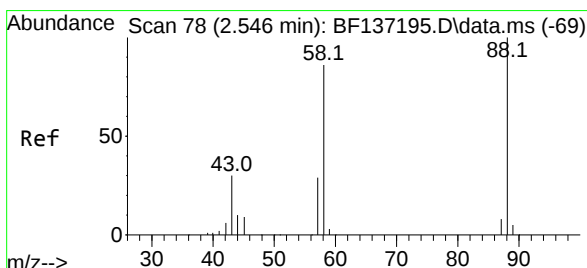
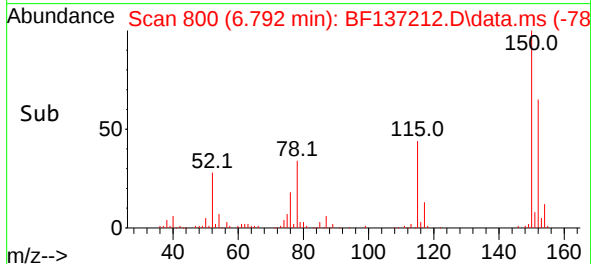
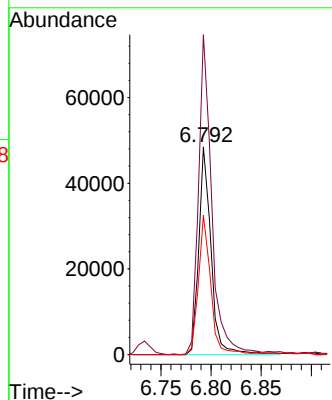
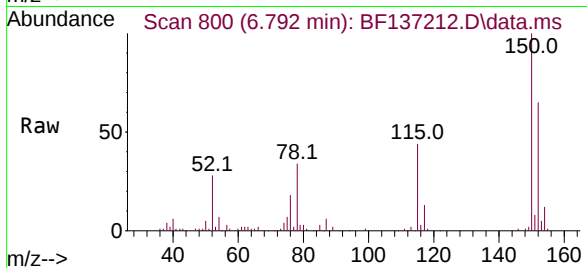




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: BF137212.D
 Acq: 31 Jan 2024 16:03

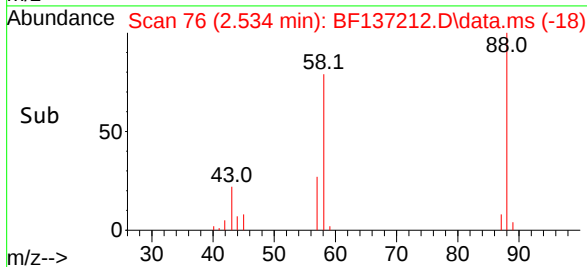
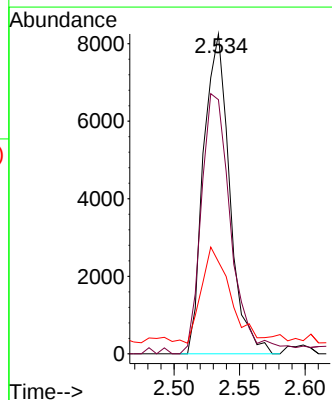
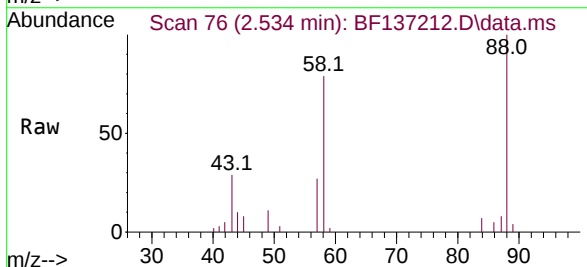
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-013024MSD

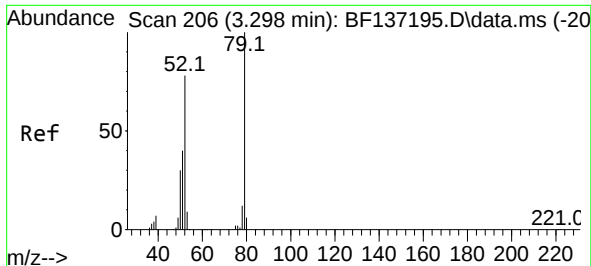
Tgt Ion:152 Resp: 41549
 Ion Ratio Lower Upper
 152 100
 150 154.0 129.8 194.8
 115 67.1 58.5 87.7



#2
 1,4-Dioxane
 Concen: 8.463 ng
 RT: 2.534 min Scan# 76
 Delta R.T. -0.012 min
 Lab File: BF137212.D
 Acq: 31 Jan 2024 16:03

Tgt Ion: 88 Resp: 11402
 Ion Ratio Lower Upper
 88 100
 58 92.9 67.8 101.8
 43 31.7 26.6 40.0





#3

Pyridine

Concen: 9.952 ng

RT: 3.298 min Scan# 206

Delta R.T. 0.000 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

Instrument :

BNA_F

ClientSampleId :

TR-05-013024MSD

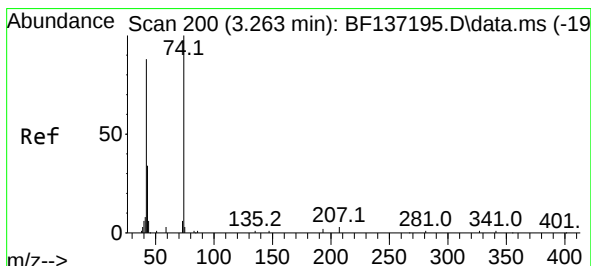
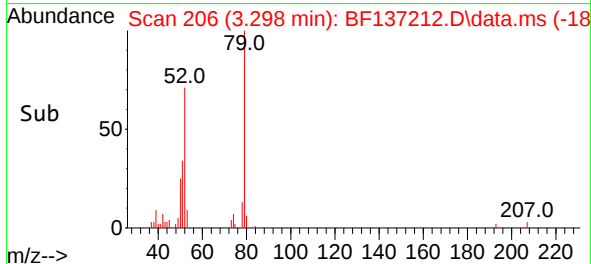
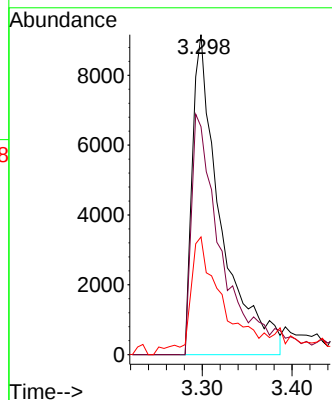
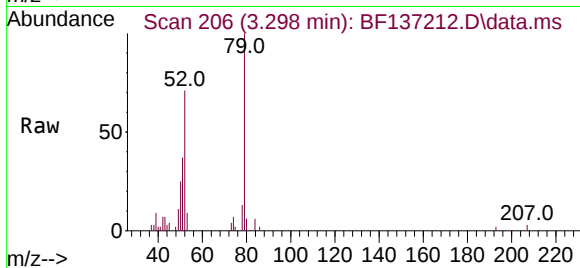
Tgt Ion: 79 Resp: 20139

Ion Ratio Lower Upper

79 100

52 71.2 62.6 94.0

51 36.8 33.0 49.4



#4

n-Nitrosodimethylamine

Concen: 11.067 ng

RT: 3.240 min Scan# 196

Delta R.T. -0.023 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

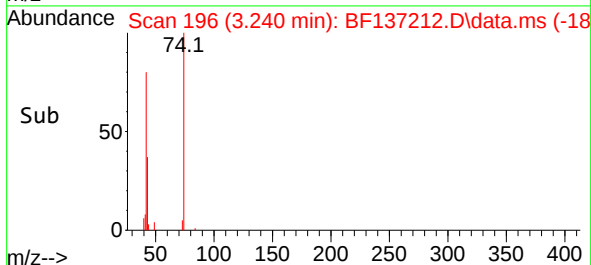
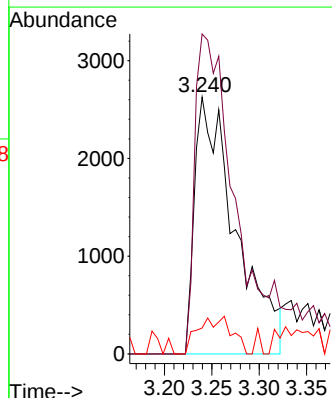
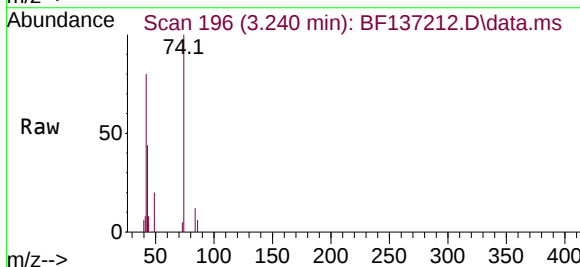
Tgt Ion: 42 Resp: 7868

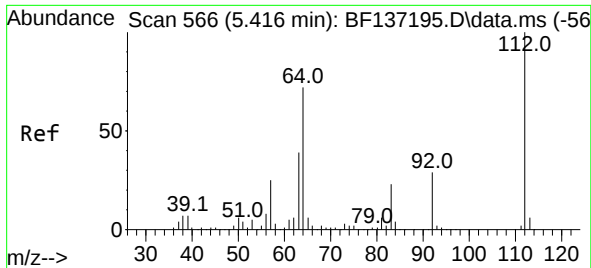
Ion Ratio Lower Upper

42 100

74 124.7 90.5 135.7

44 10.1 6.1 9.1#

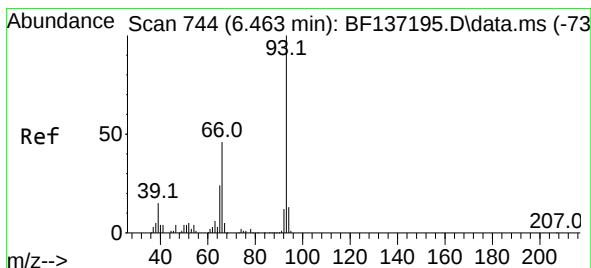
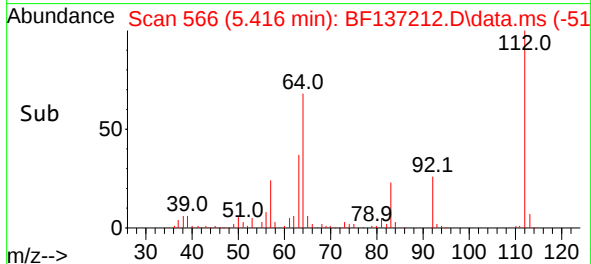
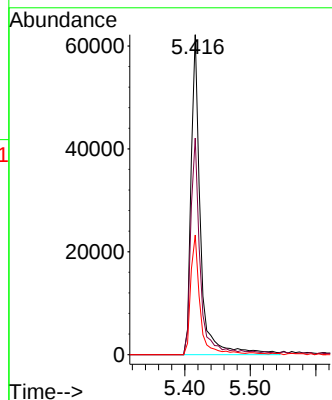
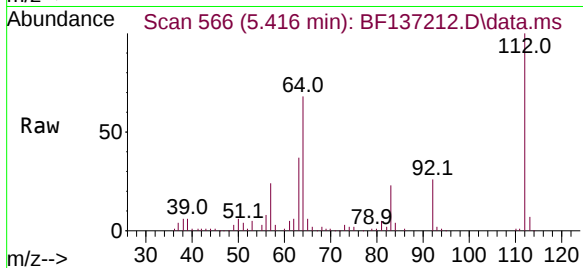




#5
2-Fluorophenol
Concen: 24.688 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

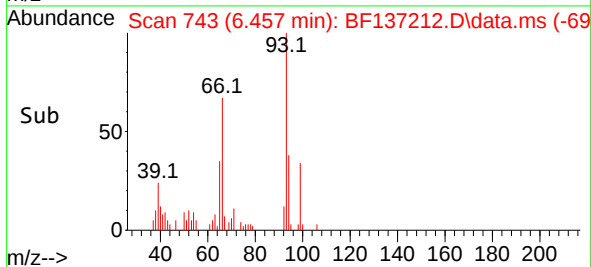
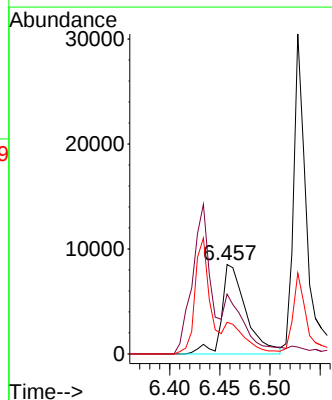
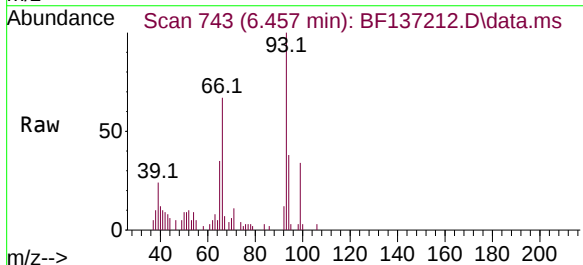
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MSD

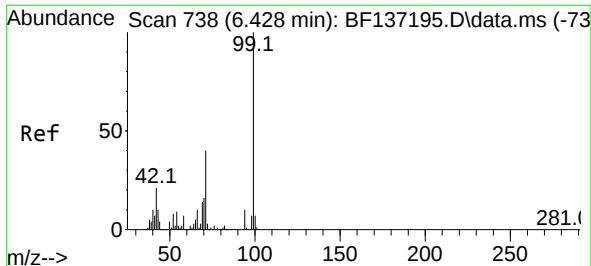
Tgt Ion:112 Resp: 62165
Ion Ratio Lower Upper
112 100
64 67.7 57.8 86.6
63 37.4 31.4 47.0



#6
Aniline
Concen: 3.723 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Tgt Ion: 93 Resp: 14320
Ion Ratio Lower Upper
93 100
66 67.0 37.9 56.9#
65 35.4 19.0 28.4#





#7

Phenol-d6

Concen: 21.679 ng

RT: 6.422 min Scan# 738

Delta R.T. -0.006 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

Instrument :

BNA_F

ClientSampleId :

TR-05-013024MSD

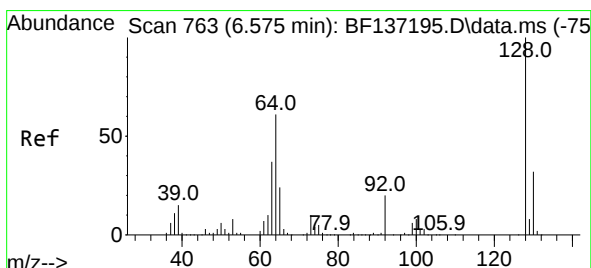
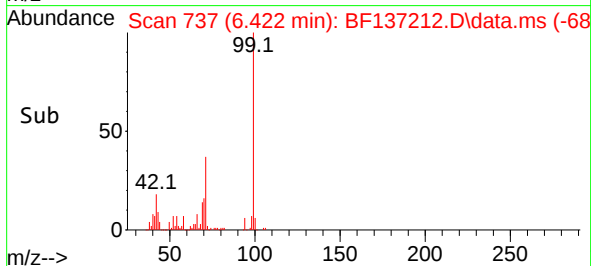
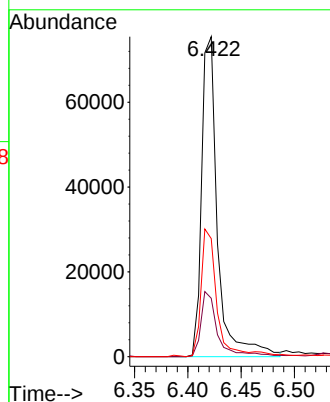
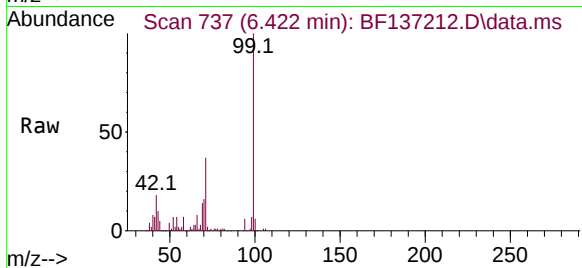
Tgt Ion: 99 Resp: 77902

Ion Ratio Lower Upper

99 100

42 18.2 16.4 24.6

71 36.9 32.4 48.6



#8

2-Chlorophenol

Concen: 9.351 ng

RT: 6.575 min Scan# 763

Delta R.T. 0.000 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

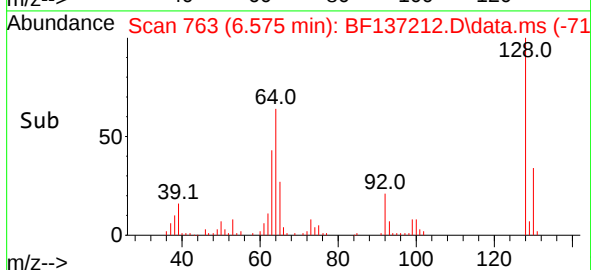
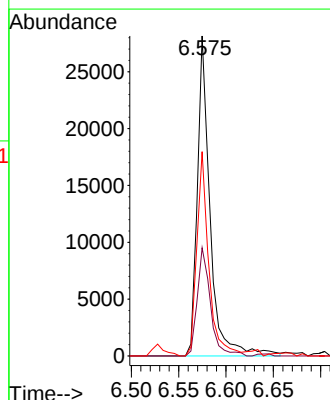
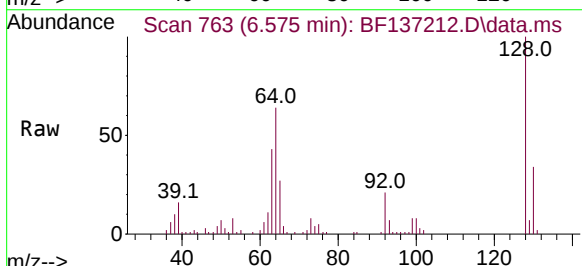
Tgt Ion: 128 Resp: 26327

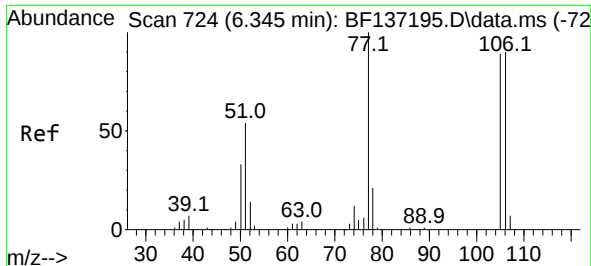
Ion Ratio Lower Upper

128 100

130 33.8 12.4 52.4

64 63.8 41.6 81.6





#9

Benzaldehyde

Concen: 6.888 ng

RT: 6.345 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

Instrument :

BNA_F

ClientSampleId :

TR-05-013024MSD

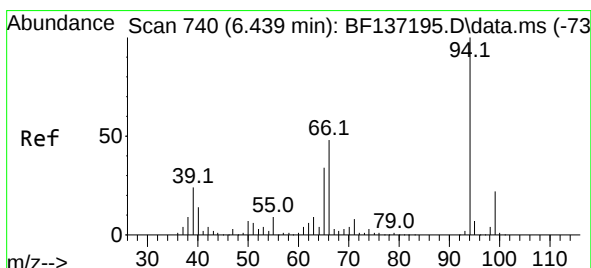
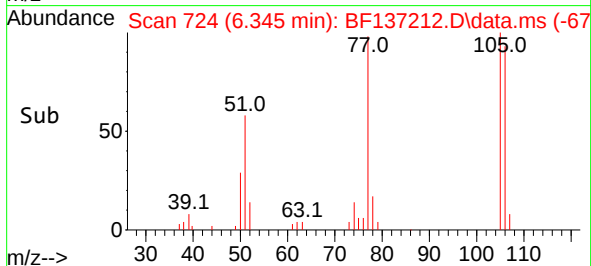
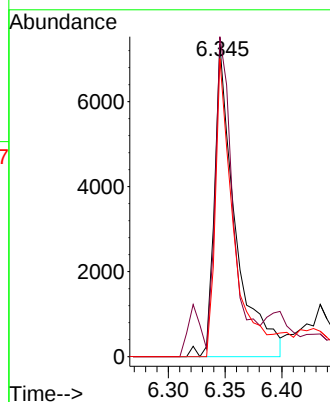
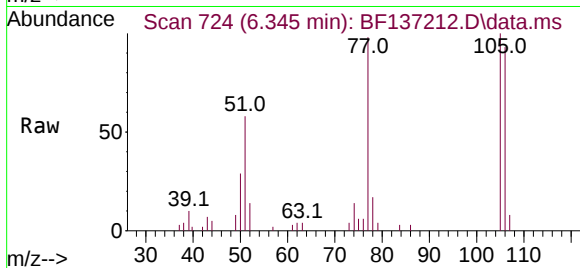
Tgt Ion: 77 Resp: 9426

Ion Ratio Lower Upper

77 100

105 102.4 69.1 109.1

106 95.4 69.6 109.6



#10

Phenol

Concen: 8.564 ng

RT: 6.434 min Scan# 739

Delta R.T. -0.005 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

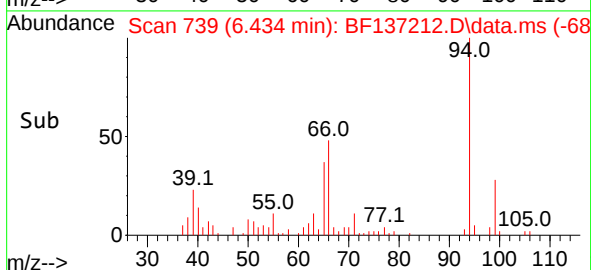
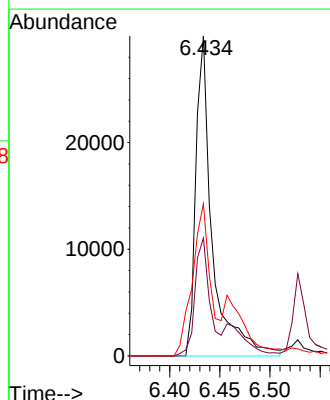
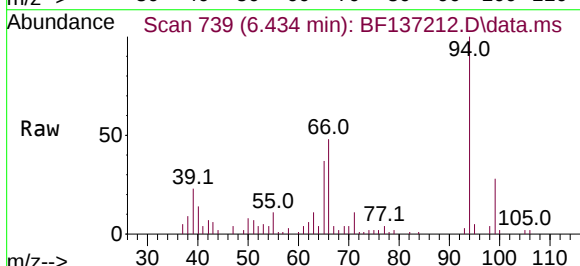
Tgt Ion: 94 Resp: 34349

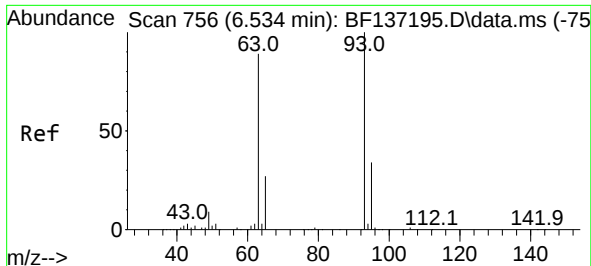
Ion Ratio Lower Upper

94 100

65 36.8 13.7 53.7

66 47.6 27.8 67.8

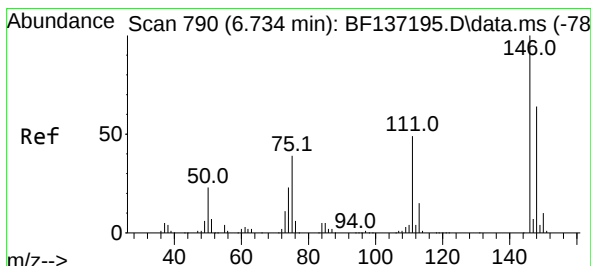
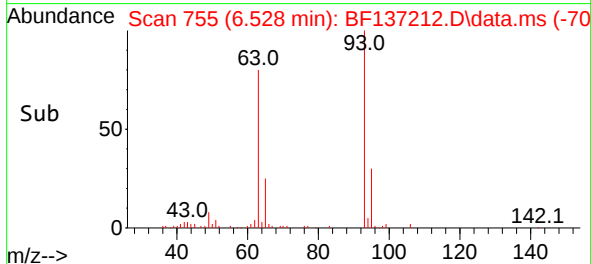
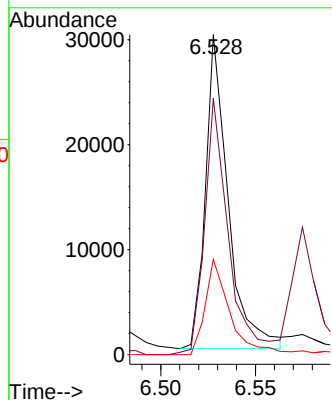
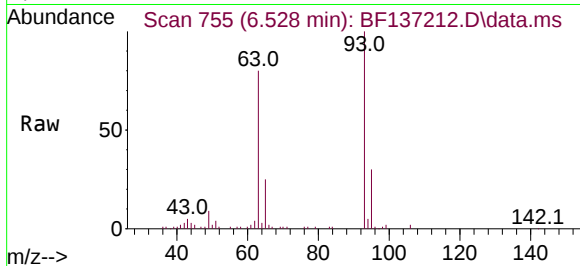




#11
bis(2-Chloroethyl)ether
Concen: 9.342 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

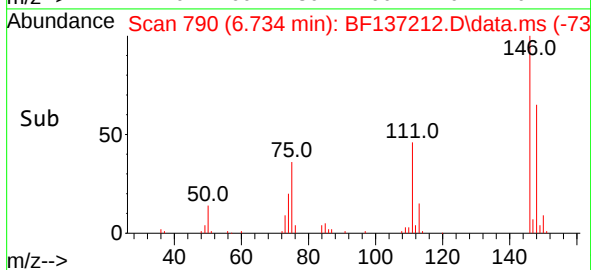
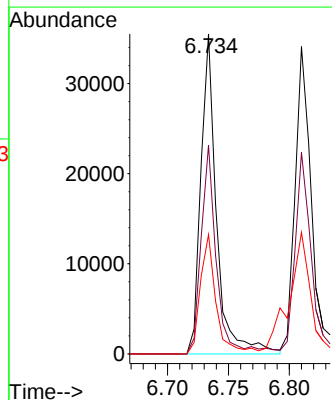
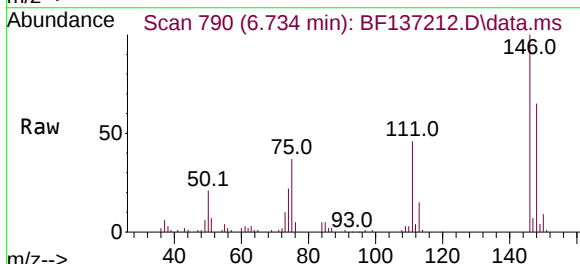
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MSD

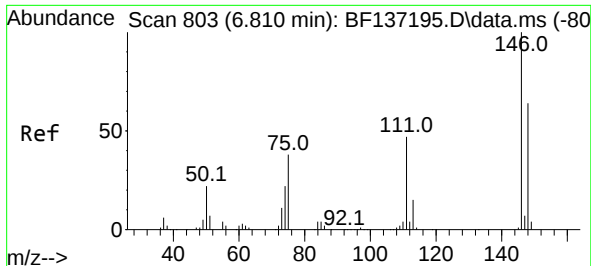
Tgt Ion: 93	Resp:	25042
Ion Ratio	Lower	Upper
93	100	
63	80.1	66.7 106.7
95	29.8	12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 9.658 ng
RT: 6.734 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Tgt Ion: 146	Resp:	31881
Ion Ratio	Lower	Upper
146	100	
148	65.2	51.4 77.0
75	37.3	31.3 46.9





#13

1,4-Dichlorobenzene

Concen: 9.101 ng

RT: 6.810 min Scan# 803

Delta R.T. 0.000 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

Instrument :

BNA_F

ClientSampleId :

TR-05-013024MSD

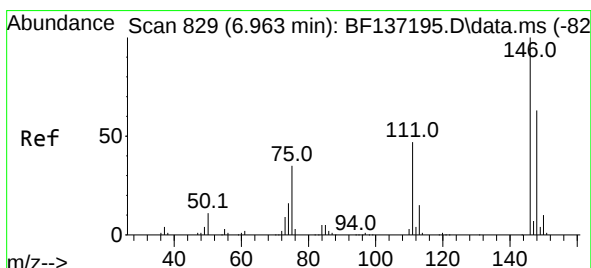
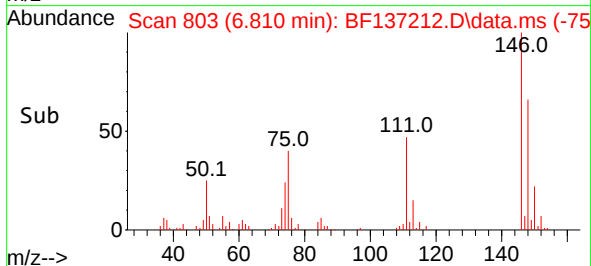
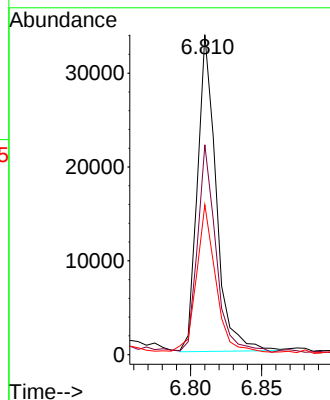
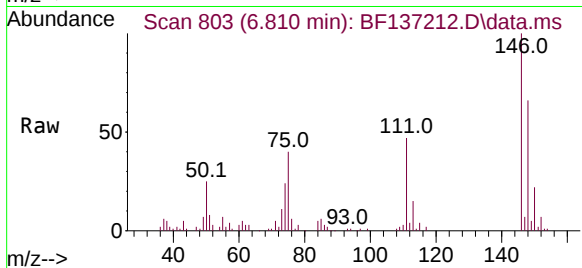
Tgt Ion:146 Resp: 31071

Ion Ratio Lower Upper

146 100

148 65.6 51.5 77.3

111 46.8 38.1 57.1



#14

1,2-Dichlorobenzene

Concen: 10.034 ng

RT: 6.963 min Scan# 829

Delta R.T. 0.000 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

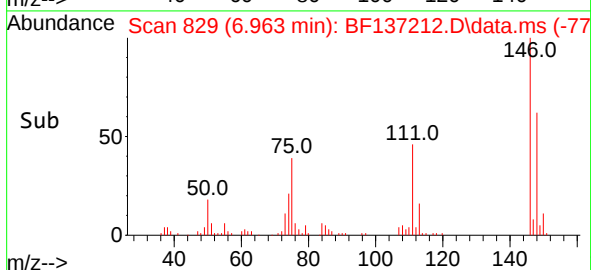
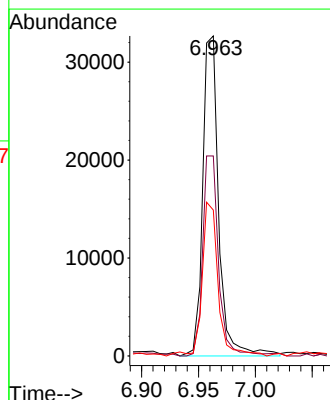
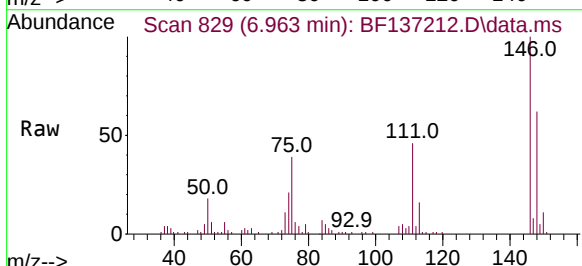
Tgt Ion:146 Resp: 32028

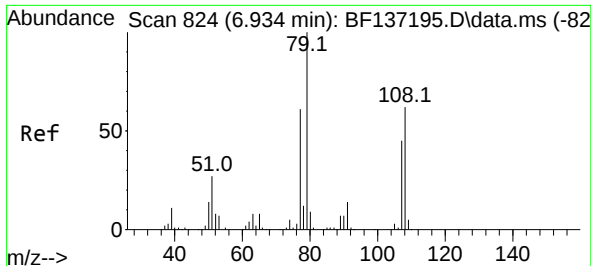
Ion Ratio Lower Upper

146 100

148 62.5 50.6 75.8

111 45.6 37.3 55.9

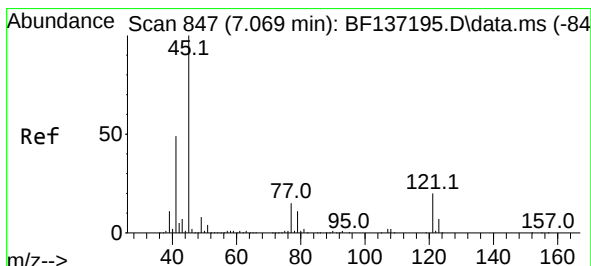
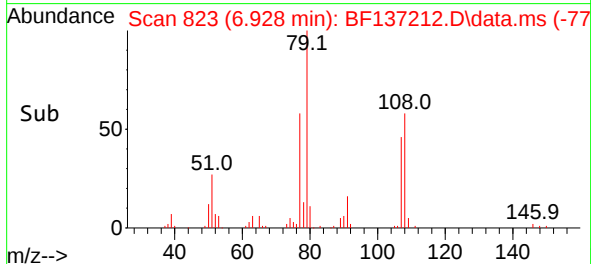
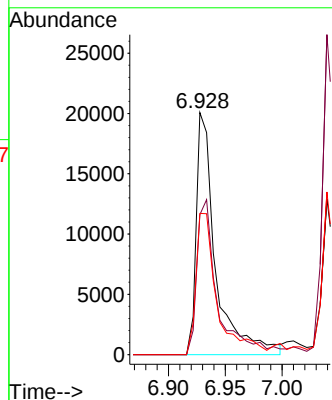
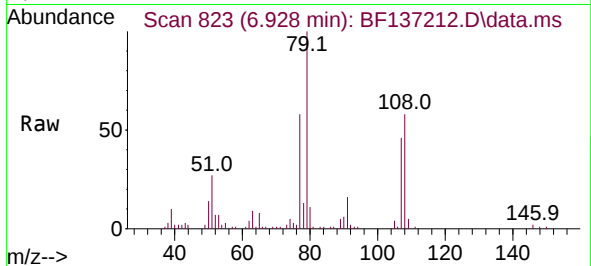




#15
Benzyl Alcohol
Concen: 9.343 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

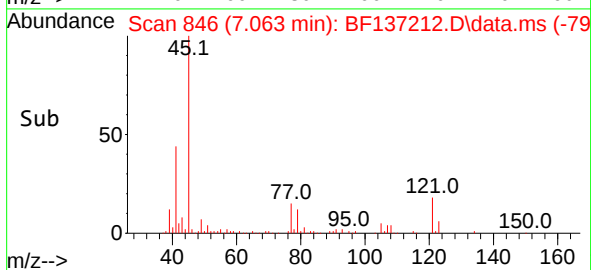
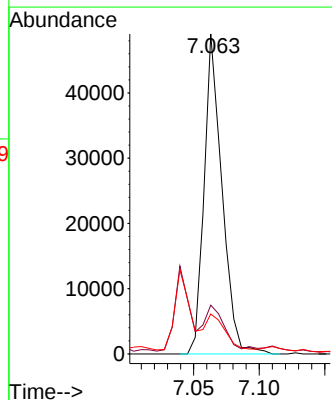
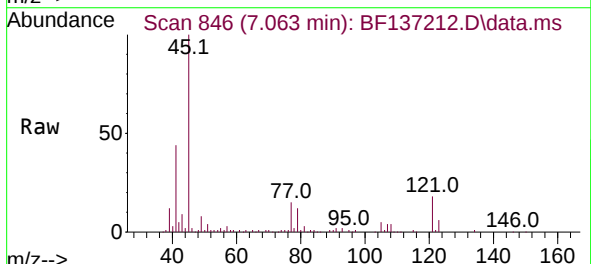
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MSD

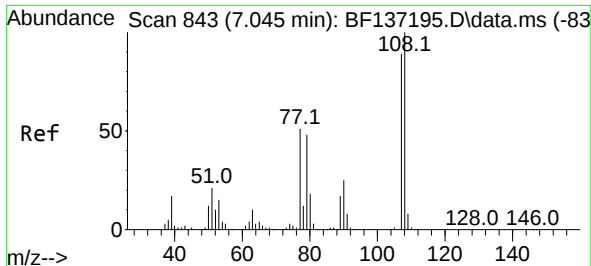
Tgt Ion: 79 Resp: 23852
Ion Ratio Lower Upper
79 100
108 57.8 49.3 73.9
77 58.3 48.8 73.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.619 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Tgt Ion: 45 Resp: 46446
Ion Ratio Lower Upper
45 100
77 15.2 0.0 35.9
79 12.5 0.0 32.4

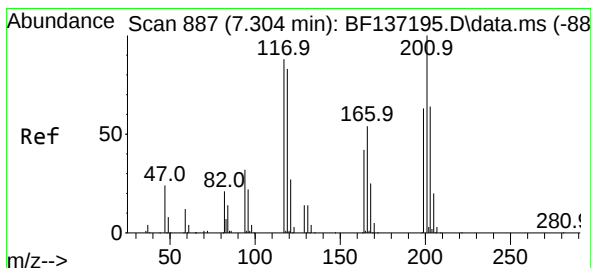
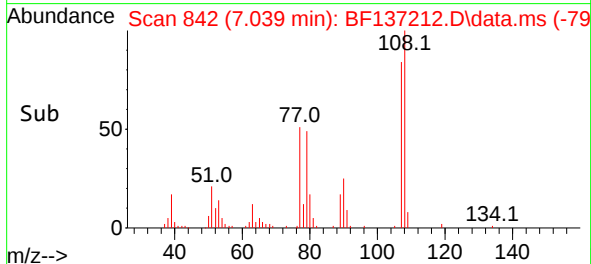
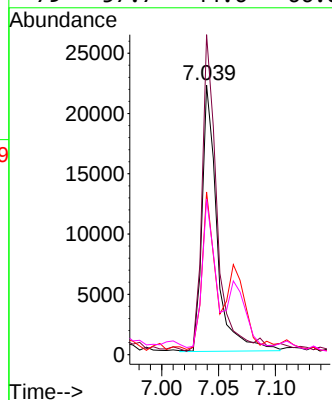
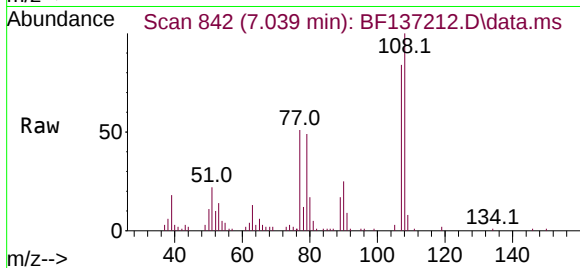




#17
2-Methylphenol
Concen: 8.648 ng
RT: 7.039 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

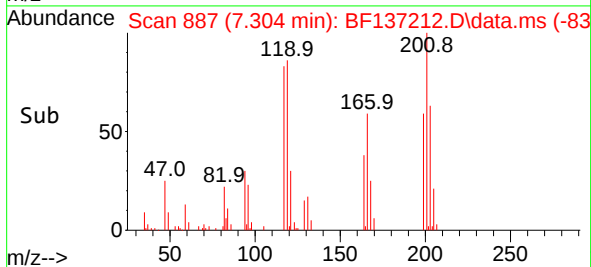
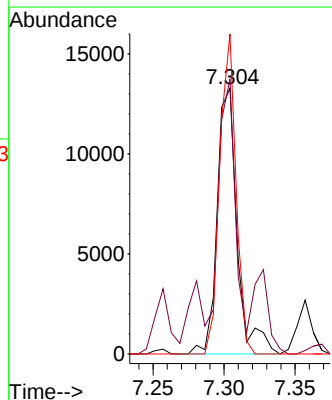
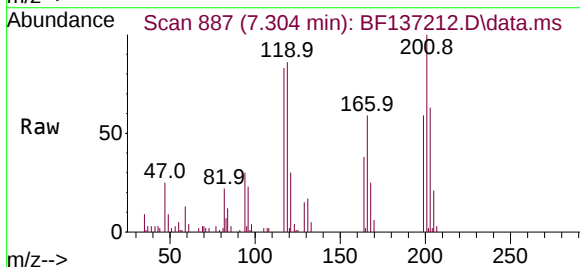
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MSD

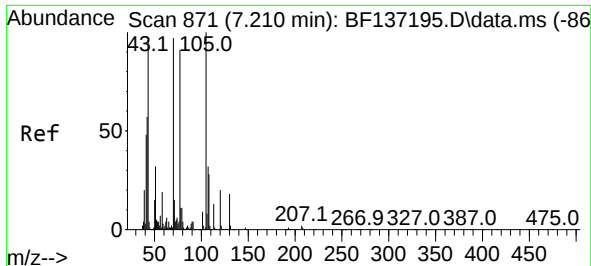
Tgt Ion:	107	Resp:	20342
Ion	Ratio	Lower	Upper
107	100		
108	118.8	89.9	134.9
77	60.3	46.6	69.8
79	57.7	44.6	66.8



#18
Hexachloroethane
Concen: 10.596 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Tgt Ion:	117	Resp:	13046
Ion	Ratio	Lower	Upper
117	100		
119	103.4	76.2	114.4
201	120.5	91.4	137.0

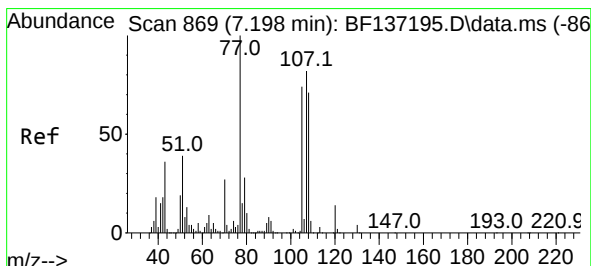
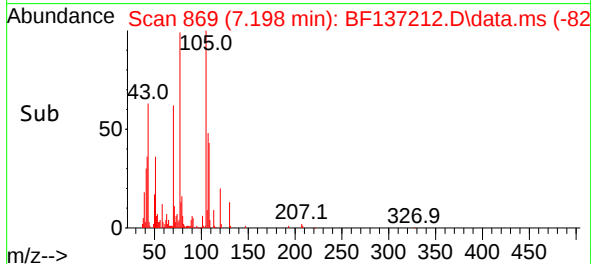
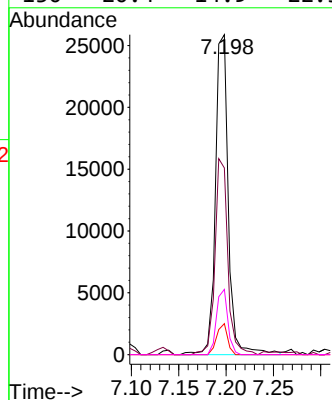
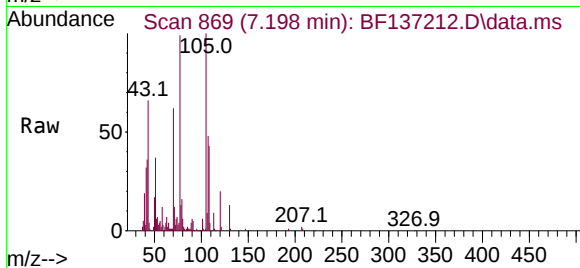




#19
n-Nitroso-di-n-propylamine
Concen: 9.963 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

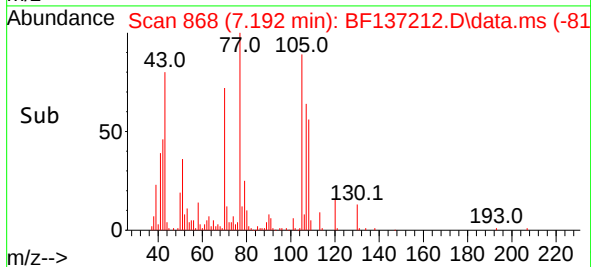
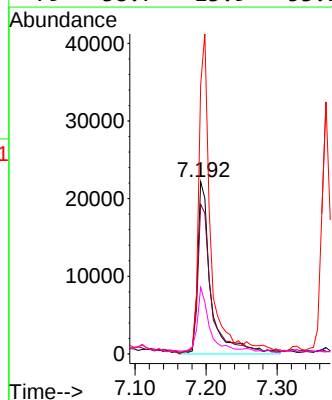
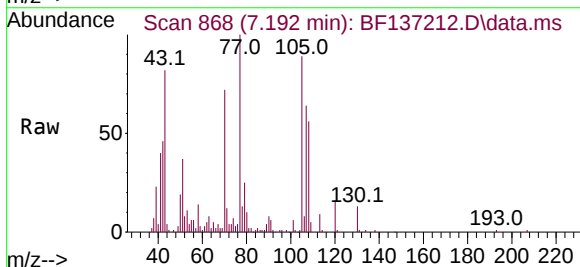
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MSD

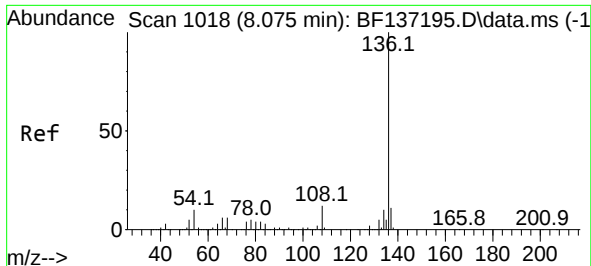
Tgt Ion:	70	Resp:	24547
Ion	Ratio	Lower	Upper
70	100		
42	58.3	47.2	70.8
101	9.7	7.4	11.0
130	20.4	14.9	22.3



#20
3+4-Methylphenols
Concen: 9.706 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Tgt Ion:	107	Resp:	28900
Ion	Ratio	Lower	Upper
107	100		
108	86.9	66.3	106.3
77	156.5	101.4	141.4#
79	38.7	13.9	53.9

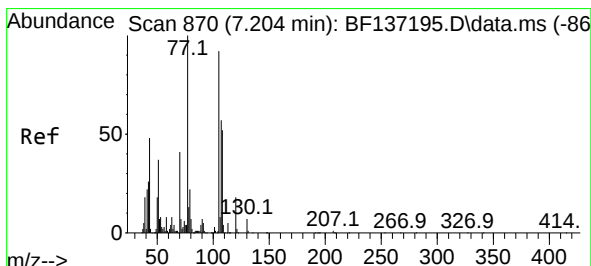
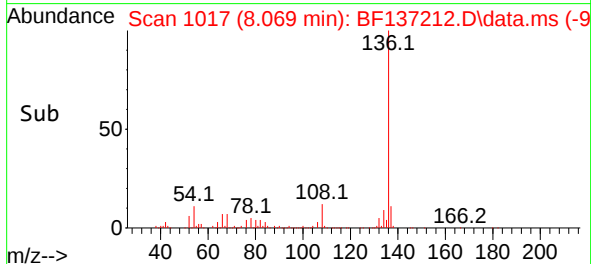
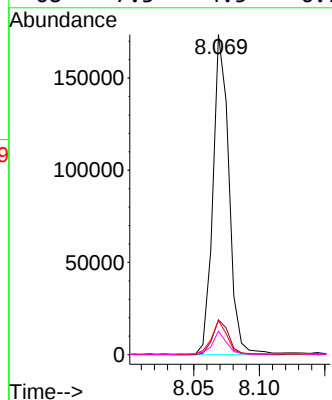
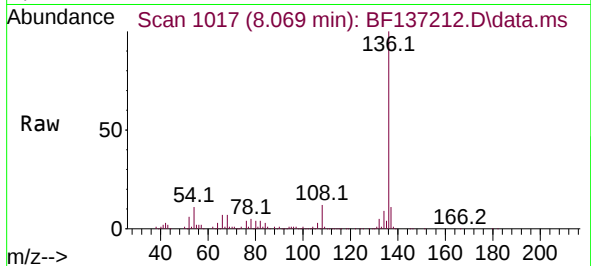




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

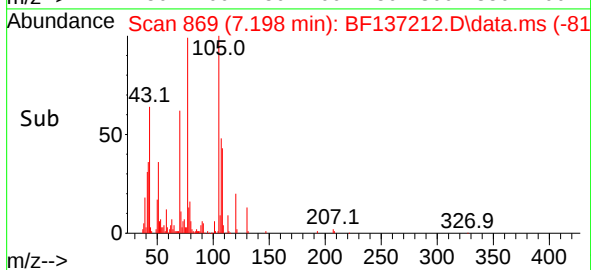
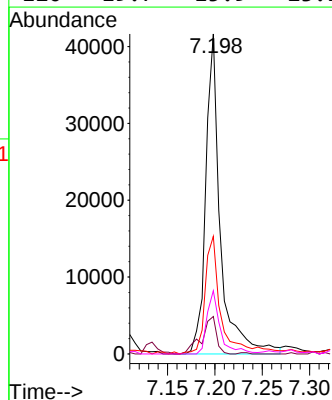
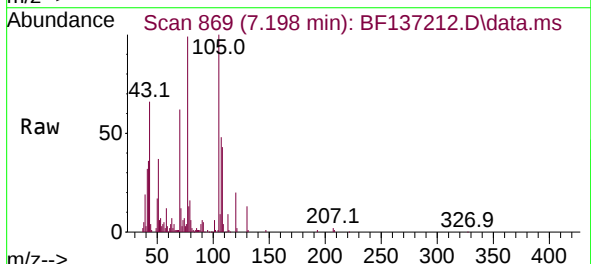
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MSD

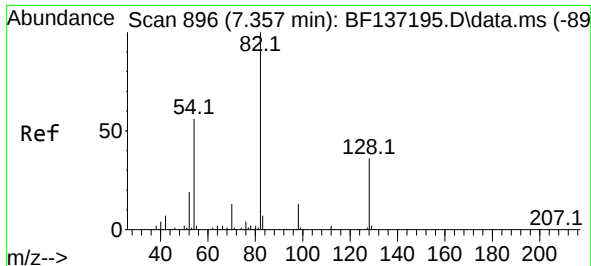
Tgt Ion:136 Resp: 147799
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 10.6 7.8 11.8
68 7.3 4.5 6.7#



#22
Acetophenone
Concen: 11.293 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Tgt Ion:105 Resp: 44933
Ion Ratio Lower Upper
105 100
71 11.7 5.7 8.5#
51 36.7 32.2 48.4
120 19.7 15.9 23.9





#23

Nitrobenzene-d5

Concen: 15.640 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

Instrument :

BNA_F

ClientSampleId :

TR-05-013024MSD

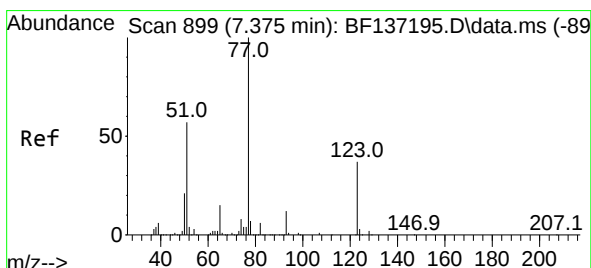
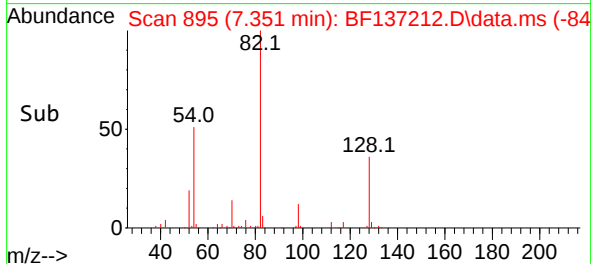
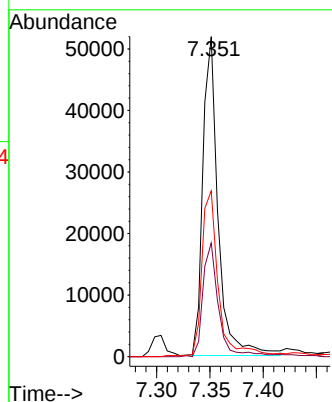
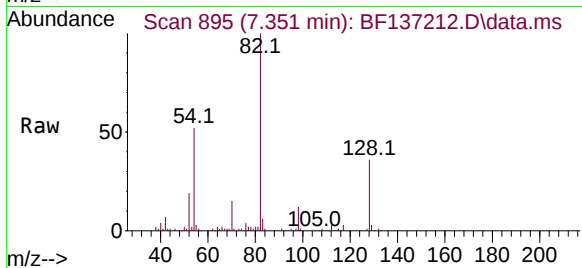
Tgt Ion: 82 Resp: 51631

Ion Ratio Lower Upper

82 100

128 35.5 29.1 43.7

54 51.8 45.0 67.6



#24

Nitrobenzene

Concen: 9.552 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

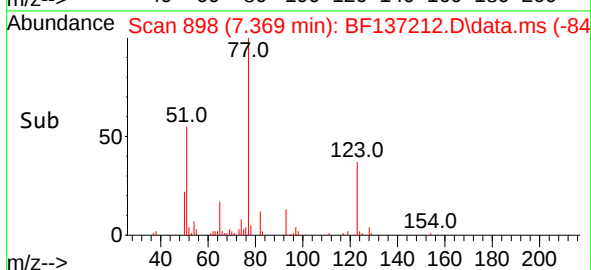
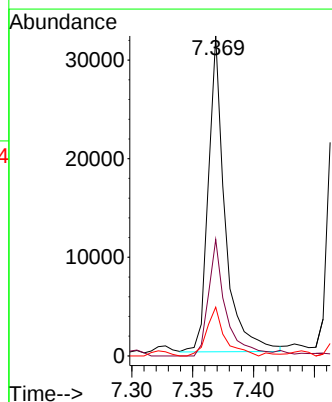
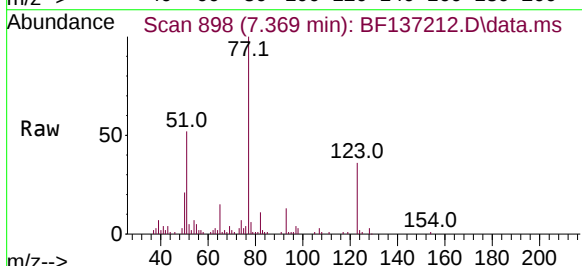
Tgt Ion: 77 Resp: 30606

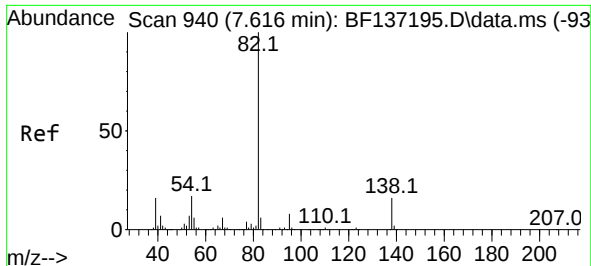
Ion Ratio Lower Upper

77 100

123 36.4 29.3 43.9

65 15.2 12.0 18.0

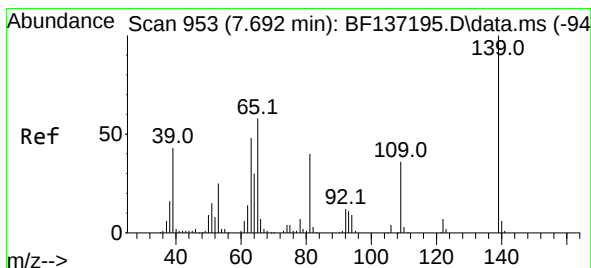
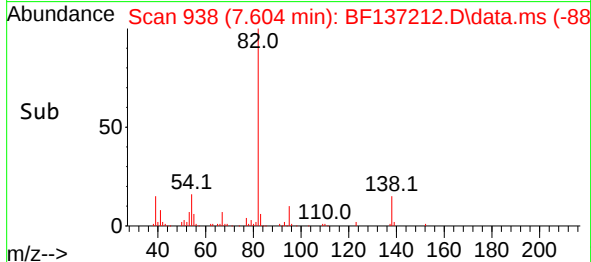
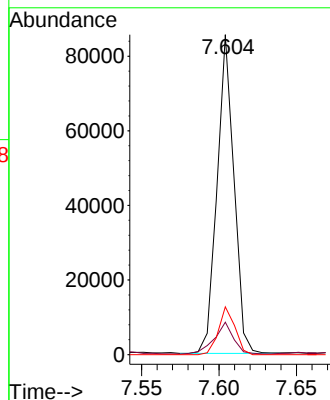
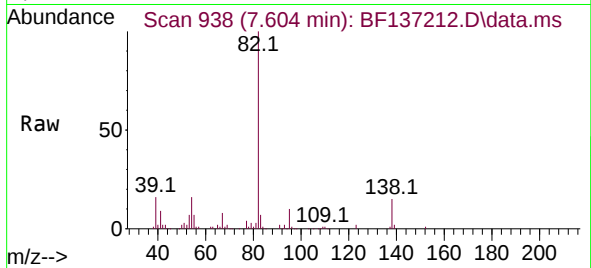




#25
Isophorone
Concen: 10.664 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

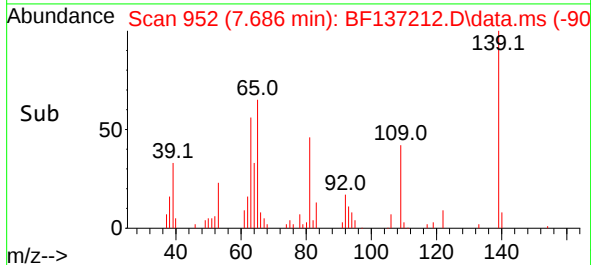
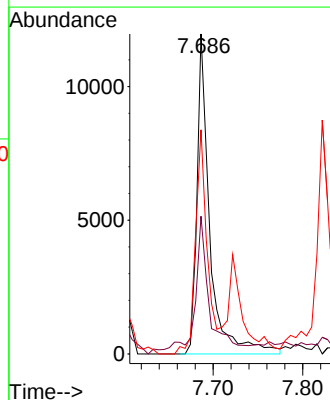
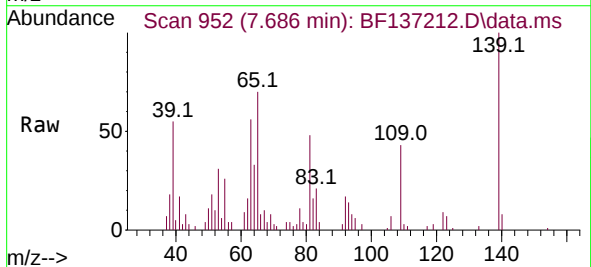
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MSD

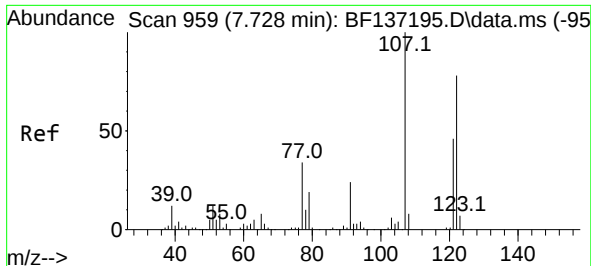
Tgt Ion: 82 Resp: 64982
Ion Ratio Lower Upper
82 100
95 10.1 6.4 9.6#
138 14.9 12.7 19.1



#26
2-Nitrophenol
Concen: 11.521 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Tgt Ion: 139 Resp: 11858
Ion Ratio Lower Upper
139 100
109 43.0 28.5 42.7#
65 70.0 46.7 70.1

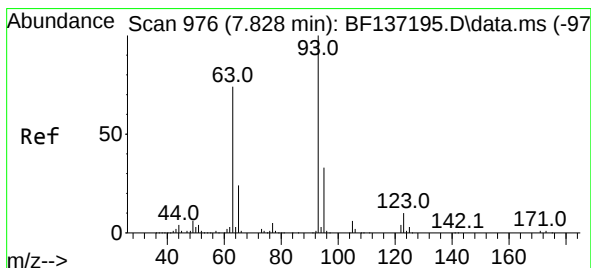
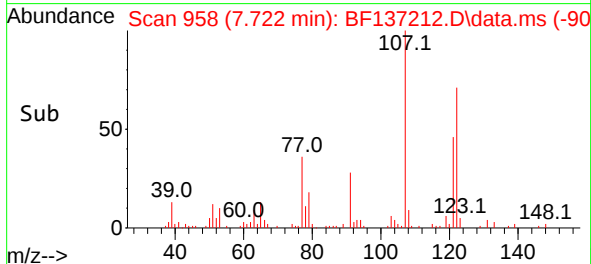
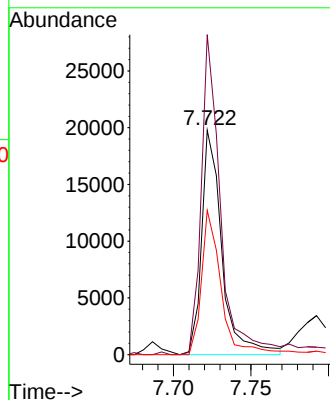
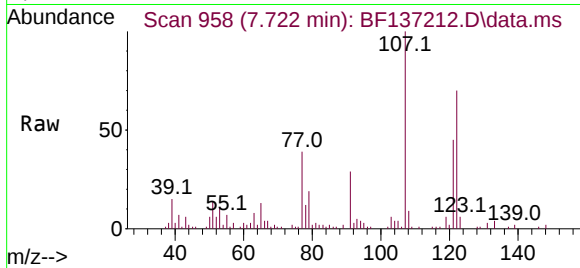




#27
2,4-Dimethylphenol
Concen: 10.375 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

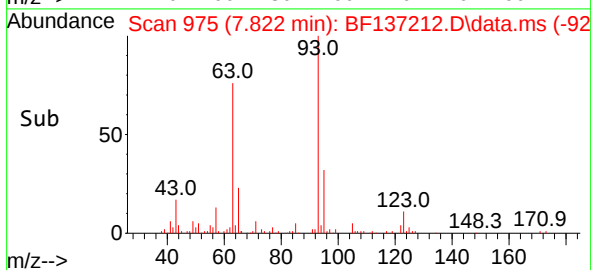
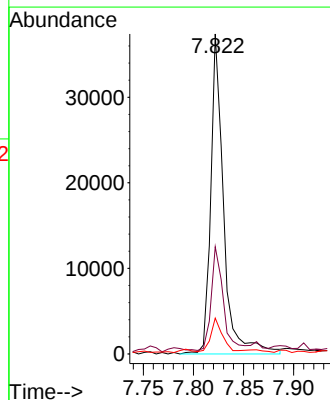
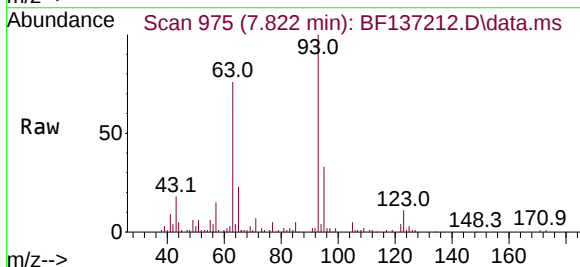
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MSD

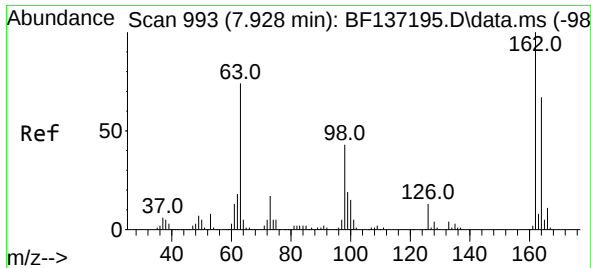
Tgt Ion:122 Resp: 18069
Ion Ratio Lower Upper
122 100
107 142.6 101.8 152.6
121 64.3 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 10.301 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Tgt Ion: 93 Resp: 33332
Ion Ratio Lower Upper
93 100
95 33.5 26.1 39.1
123 11.2 7.8 11.8

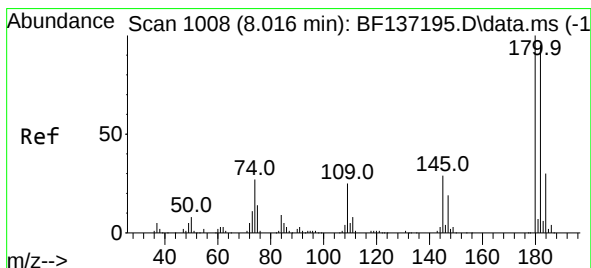
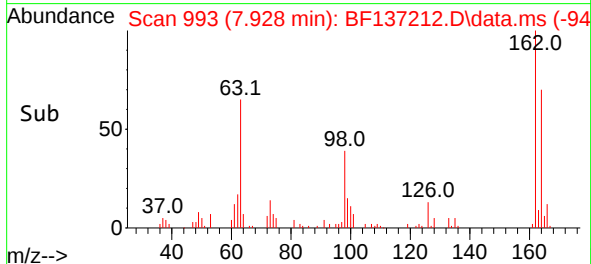
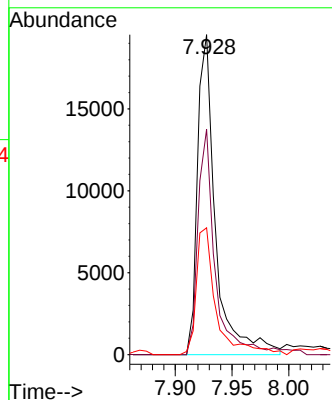
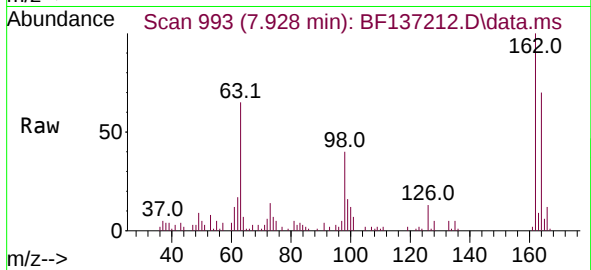




#29
2,4-Dichlorophenol
Concen: 9.952 ng
RT: 7.928 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

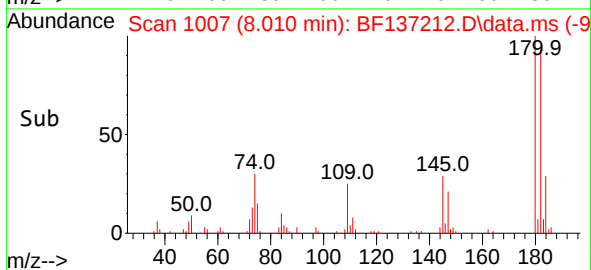
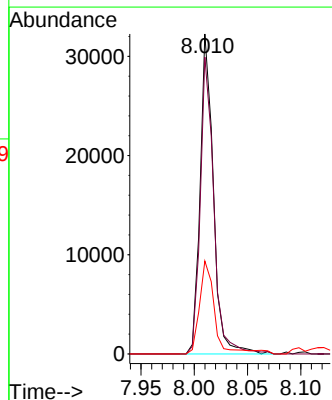
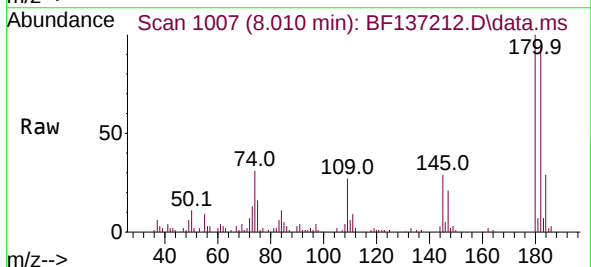
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MSD

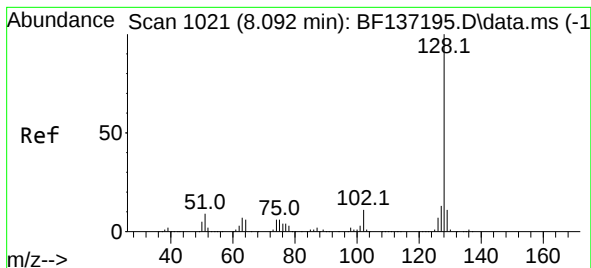
Tgt Ion:162	Resp:	21502
Ion Ratio	Lower	Upper
162	100	
164	70.4	46.7 86.7
98	39.6	22.9 62.9



#30
1,2,4-Trichlorobenzene
Concen: 10.351 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Tgt Ion:180	Resp:	27779
Ion Ratio	Lower	Upper
180	100	
182	92.7	75.9 113.9
145	29.0	23.2 34.8





#31

Naphthalene

Concen: 10.588 ng

RT: 8.092 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

Instrument :

BNA_F

ClientSampleId :

TR-05-013024MSD

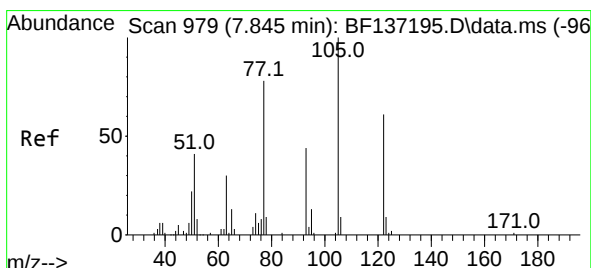
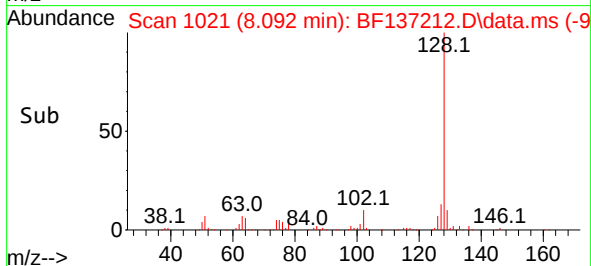
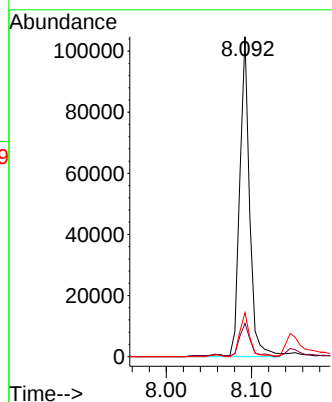
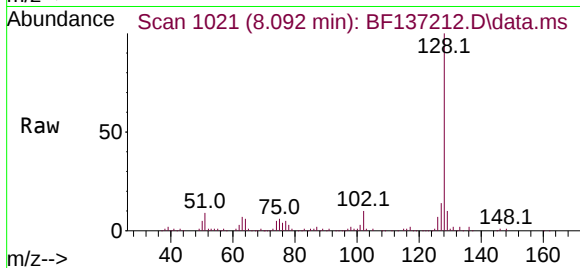
Tgt Ion:128 Resp: 84602

Ion Ratio Lower Upper

128 100

129 10.4 8.5 12.7

127 13.7 10.5 15.7



#32

Benzoic acid

Concen: 8.836 ng

RT: 8.010 min Scan# 1007

Delta R.T. 0.165 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

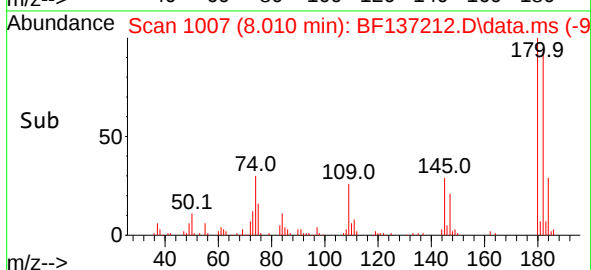
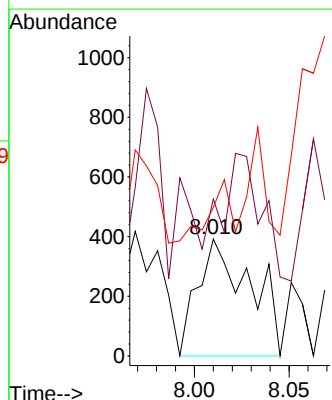
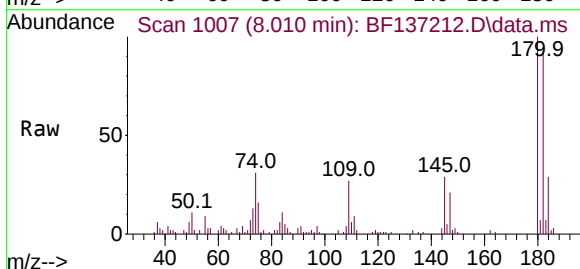
Tgt Ion:122 Resp: 751

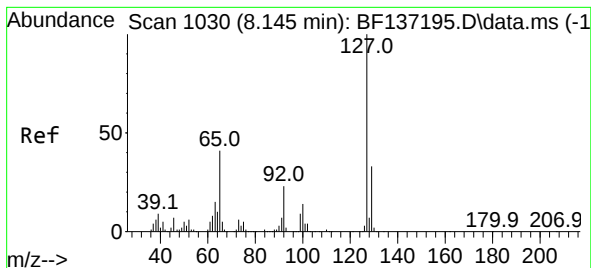
Ion Ratio Lower Upper

122 100

105 134.2 122.5 162.5

77 127.0 96.4 136.4





#33

4-Chloroaniline

Concen: 4.151 ng

RT: 8.145 min Scan# 1030

Delta R.T. 0.000 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

Instrument :

BNA_F

ClientSampleId :

TR-05-013024MSD

Tgt Ion:127 Resp: 11409

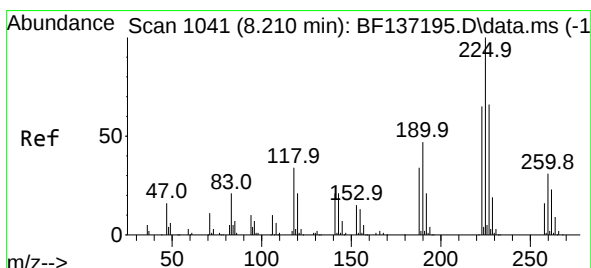
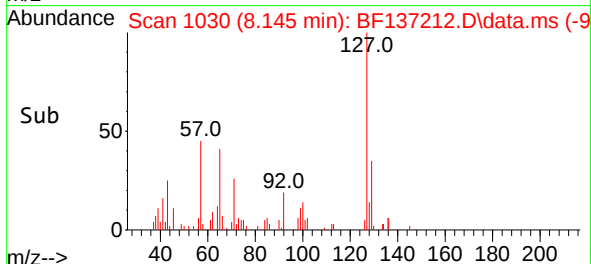
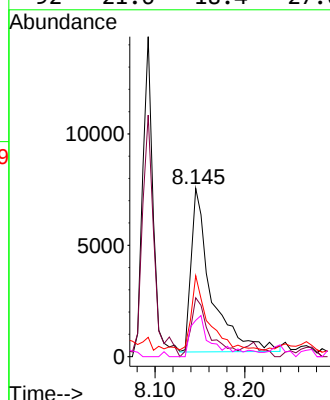
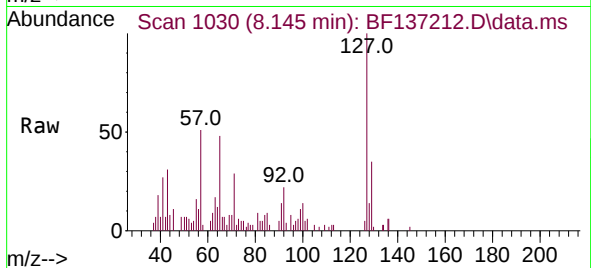
Ion Ratio Lower Upper

127 100

129 35.0 26.8 40.2

65 48.1 32.9 49.3

92 21.6 18.4 27.6



#34

Hexachlorobutadiene

Concen: 10.720 ng

RT: 8.210 min Scan# 1041

Delta R.T. 0.000 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

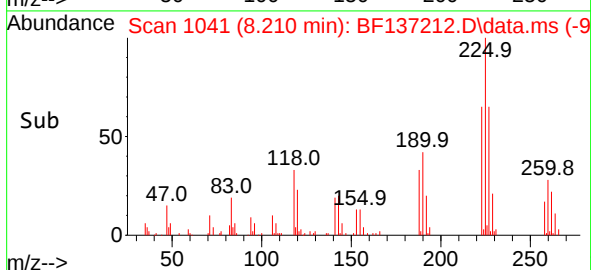
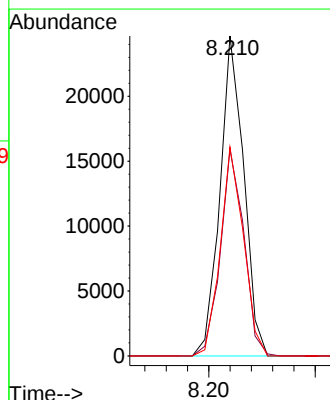
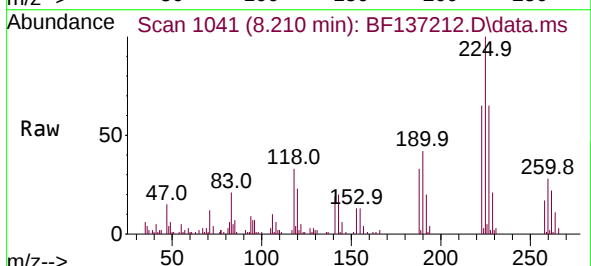
Tgt Ion:225 Resp: 19130

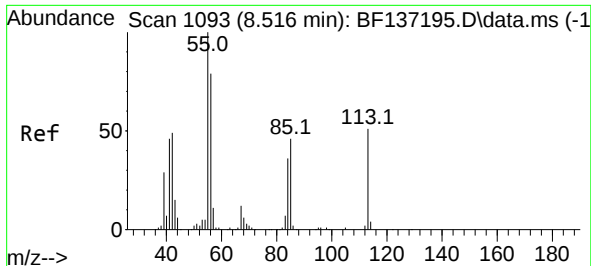
Ion Ratio Lower Upper

225 100

223 64.6 52.0 78.0

227 67.6 52.9 79.3

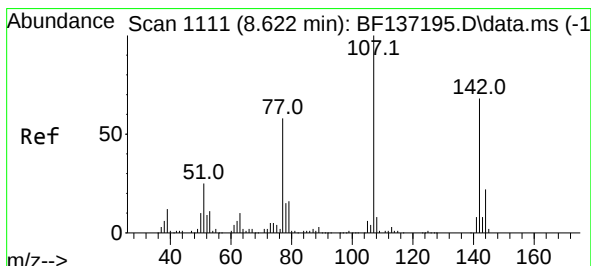
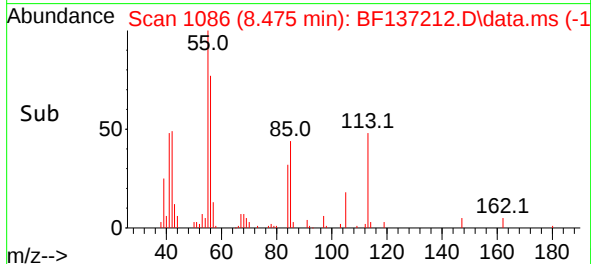
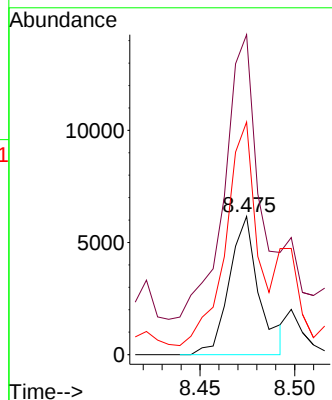
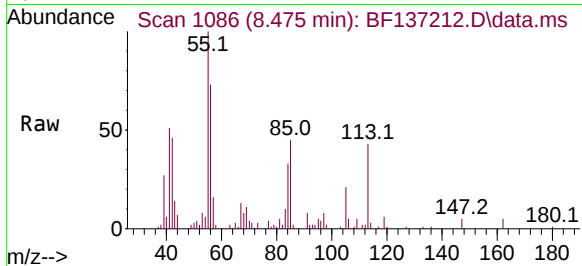




#35
 Caprolactam
 Concen: 10.028 ng
 RT: 8.475 min Scan# 1093
 Delta R.T. -0.041 min
 Lab File: BF137212.D
 Acq: 31 Jan 2024 16:03

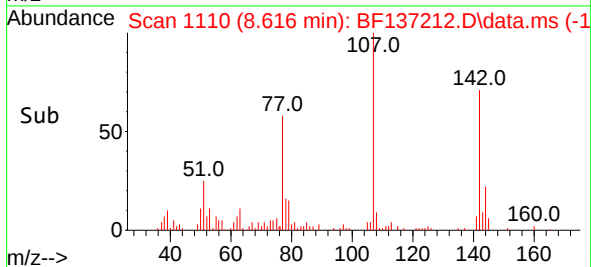
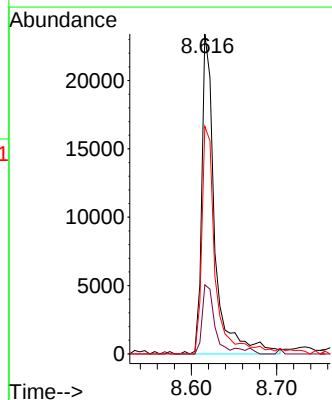
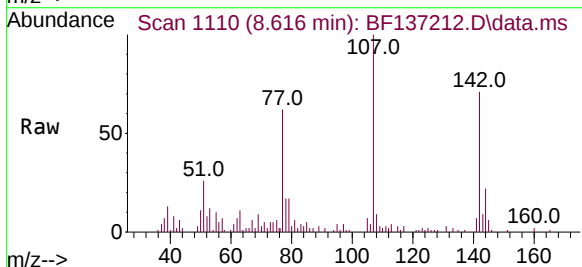
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-013024MSD

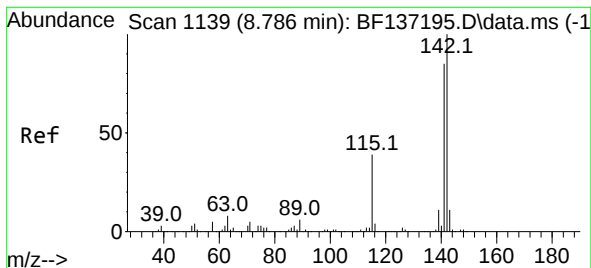
Tgt Ion:113 Resp: 6737
 Ion Ratio Lower Upper
 113 100
 55 231.5 176.0 216.0#
 56 168.2 134.0 174.0



#36
 4-Chloro-3-methylphenol
 Concen: 9.741 ng
 RT: 8.616 min Scan# 1110
 Delta R.T. -0.006 min
 Lab File: BF137212.D
 Acq: 31 Jan 2024 16:03

Tgt Ion:107 Resp: 24859
 Ion Ratio Lower Upper
 107 100
 144 21.6 17.2 25.8
 142 71.1 54.6 82.0





#37

2-Methylnaphthalene

Concen: 10.870 ng

RT: 8.786 min Scan# 1139

Delta R.T. 0.000 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

Instrument :

BNA_F

ClientSampleId :

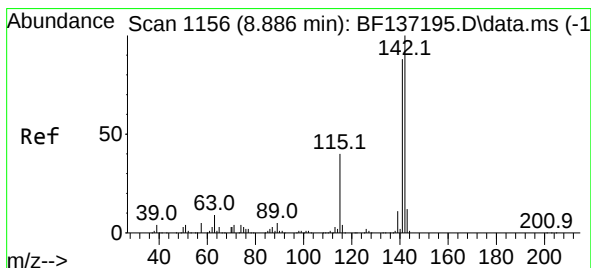
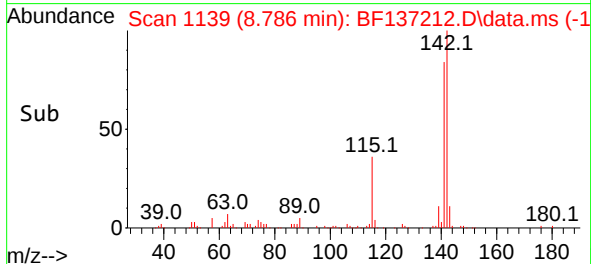
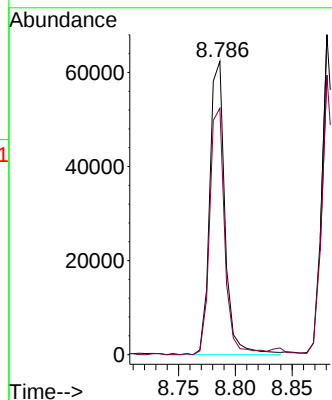
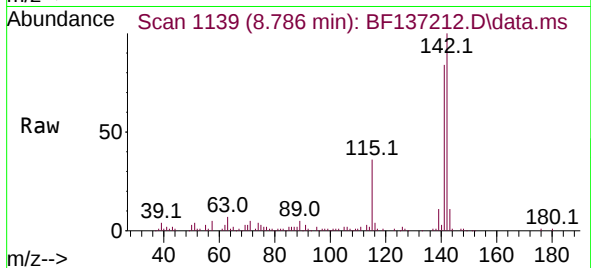
TR-05-013024MSD

Tgt Ion:142 Resp: 58230

Ion Ratio Lower Upper

142 100

141 84.0 67.8 101.8



#38

1-Methylnaphthalene

Concen: 11.032 ng

RT: 8.880 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF137212.D

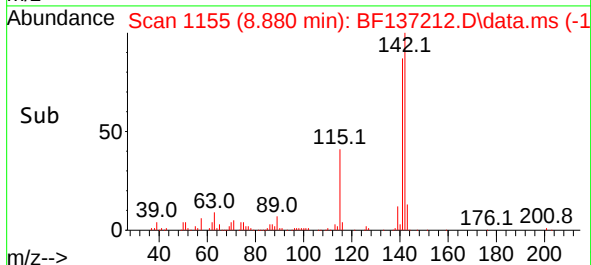
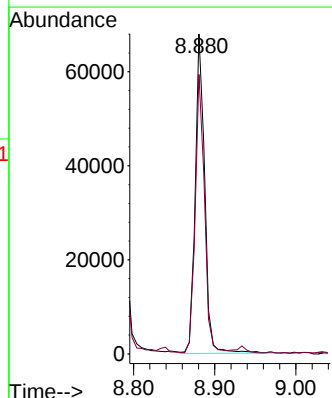
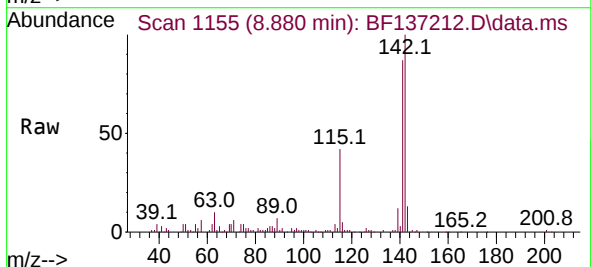
Acq: 31 Jan 2024 16:03

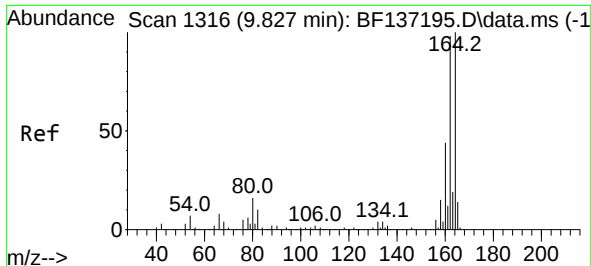
Tgt Ion:142 Resp: 54891

Ion Ratio Lower Upper

142 100

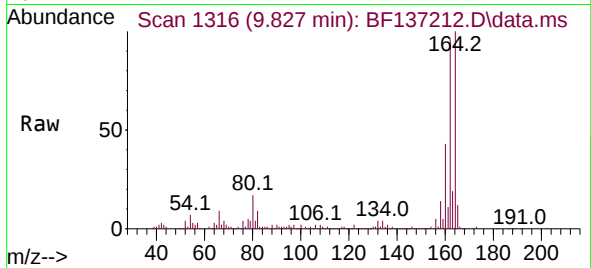
141 87.3 70.6 105.8



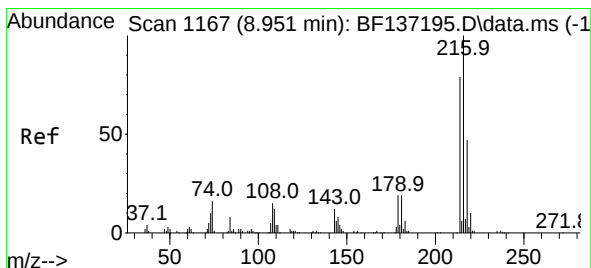
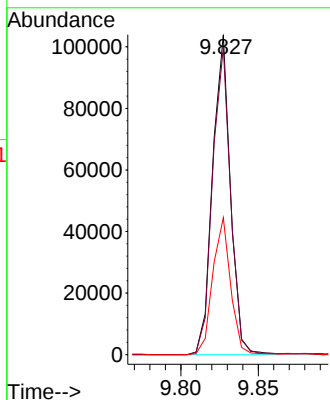
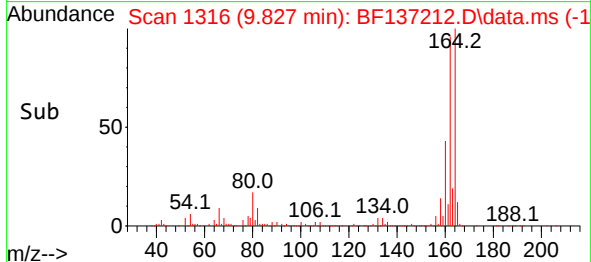


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

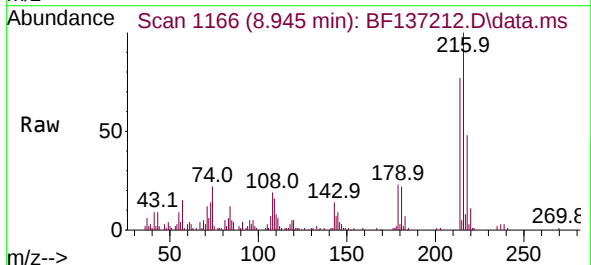
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MSD



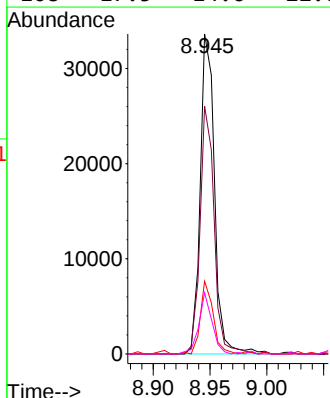
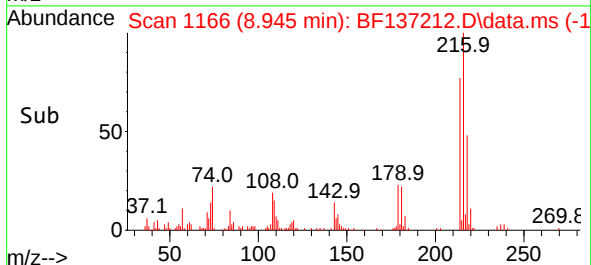
Tgt Ion:164 Resp: 83263
Ion Ratio Lower Upper
164 100
162 96.0 78.3 117.5
160 42.8 35.4 53.2

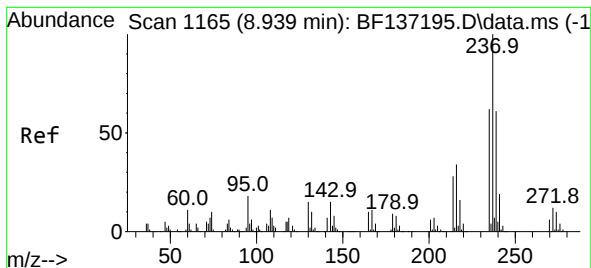


#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.550 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03



Tgt Ion:216 Resp: 29394
Ion Ratio Lower Upper
216 100
214 76.3 63.9 95.9
179 20.4 16.2 24.2
108 17.5 14.6 22.0





#41

Hexachlorocyclopentadiene

Concen: 5.522 ng

RT: 8.933 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

Instrument :

BNA_F

ClientSampleId :

TR-05-013024MSD

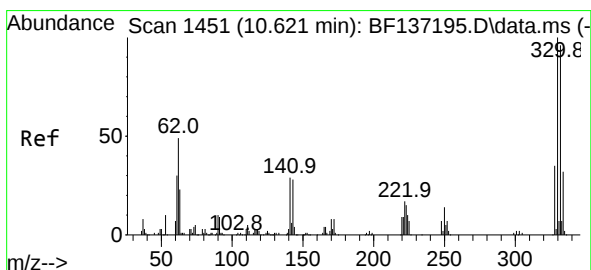
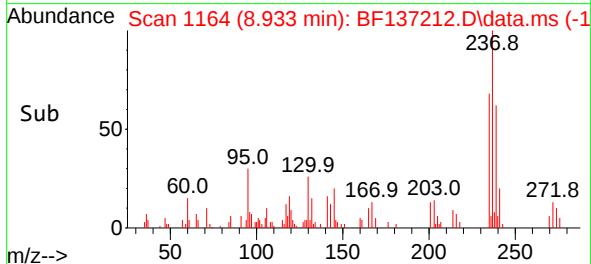
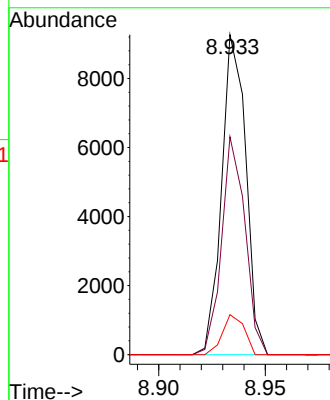
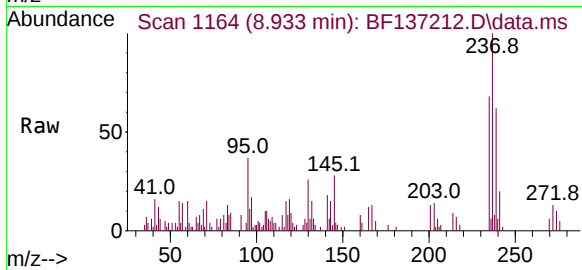
Tgt Ion:237 Resp: 7327

Ion Ratio Lower Upper

237 100

235 68.1 41.6 81.6

272 12.5 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 26.651 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

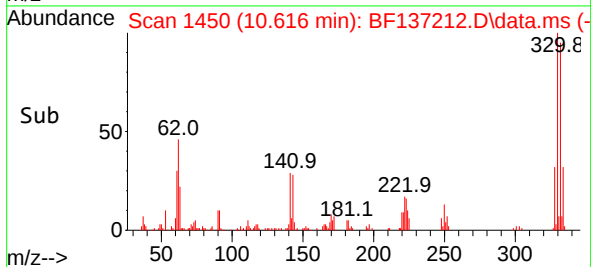
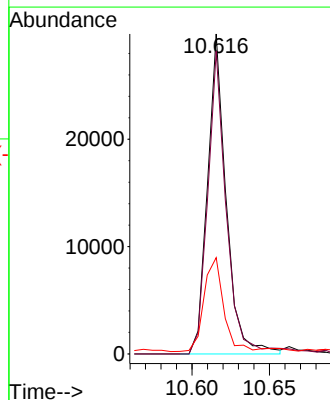
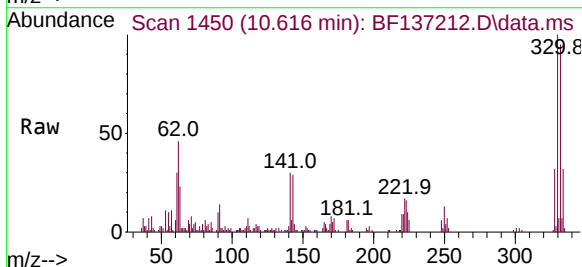
Tgt Ion:330 Resp: 25061

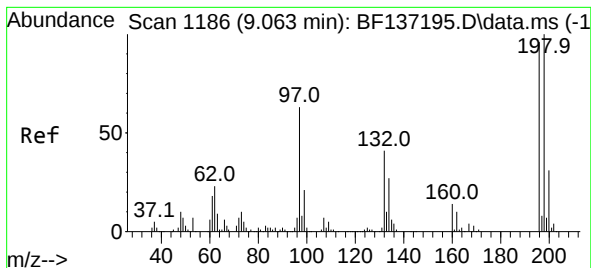
Ion Ratio Lower Upper

330 100

332 96.5 77.3 115.9

141 31.2 25.2 37.8





#43

2,4,6-Trichlorophenol

Concen: 10.791 ng

RT: 9.057 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

Instrument :

BNA_F

ClientSampleId :

TR-05-013024MSD

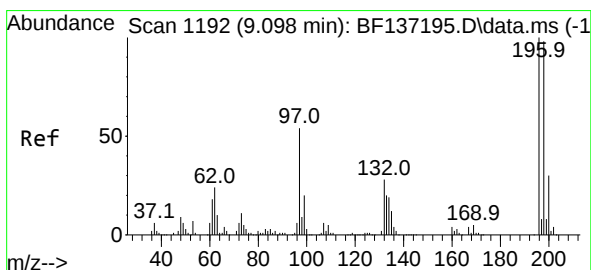
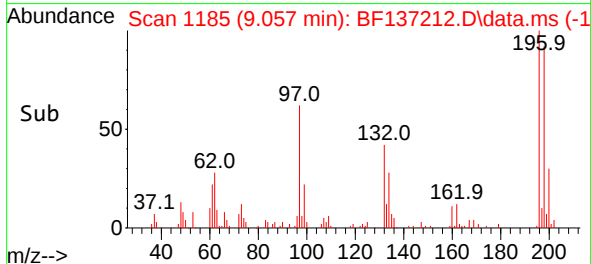
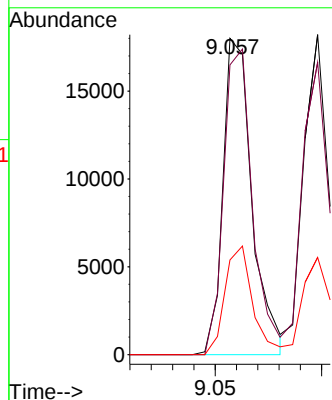
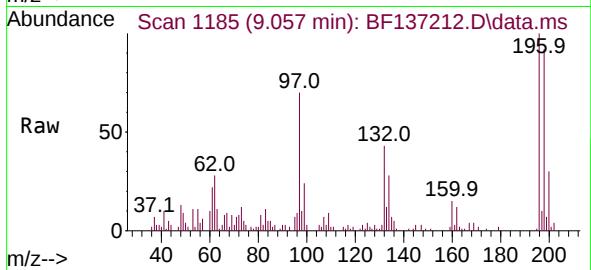
Tgt Ion:196 Resp: 17052

Ion Ratio Lower Upper

196 100

198 91.6 83.0 124.6

200 29.9 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 10.210 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

Tgt Ion:196 Resp: 17635

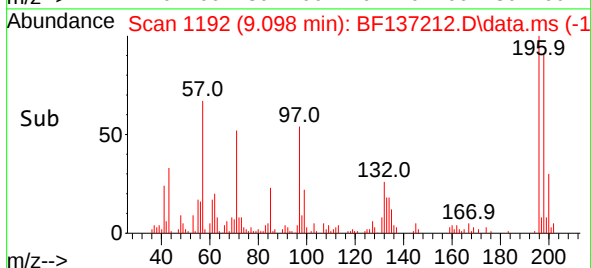
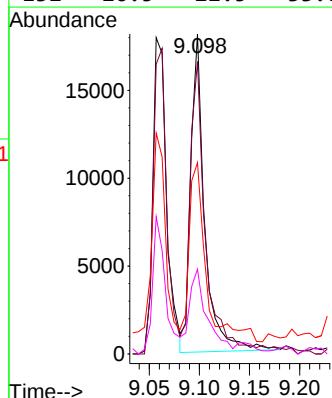
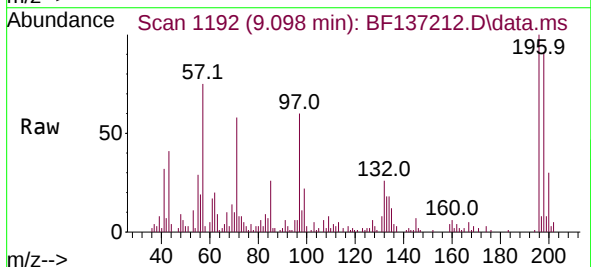
Ion Ratio Lower Upper

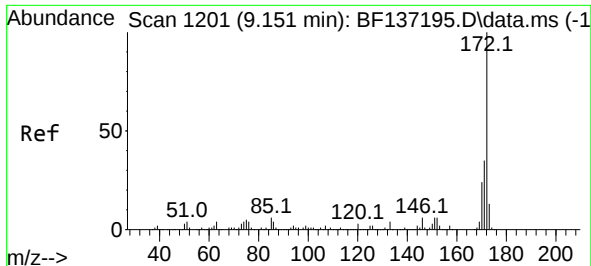
196 100

198 91.3 78.2 117.4

97 59.8 44.2 66.2

132 26.5 22.5 33.7

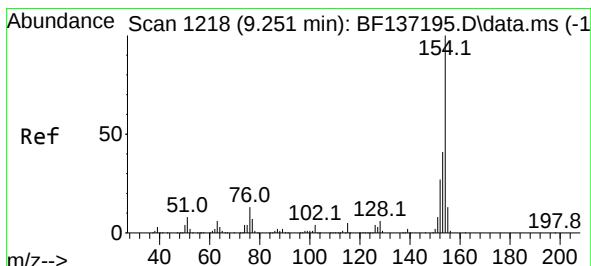
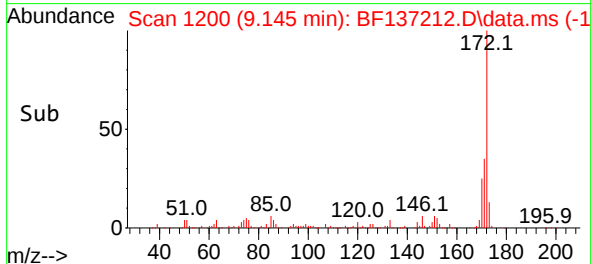
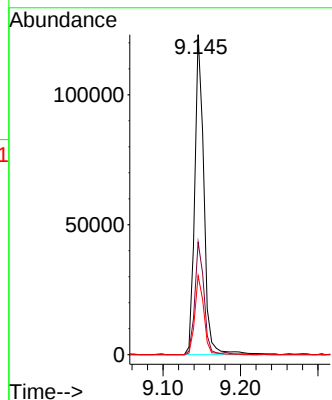
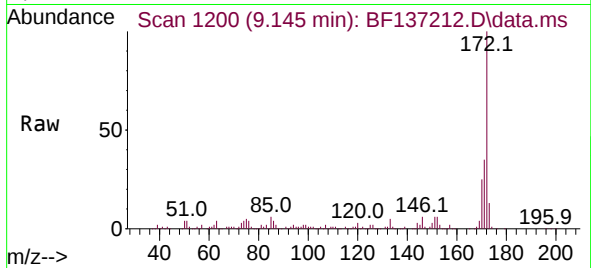




#45
2-Fluorobiphenyl
Concen: 16.755 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

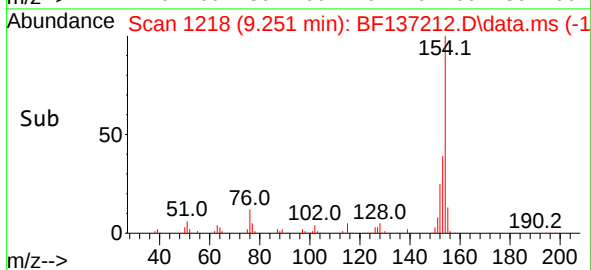
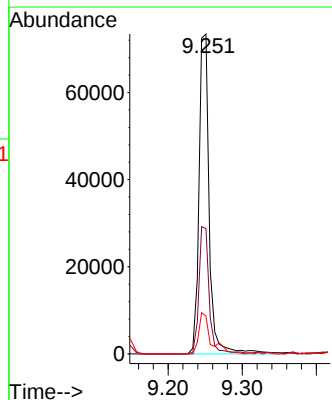
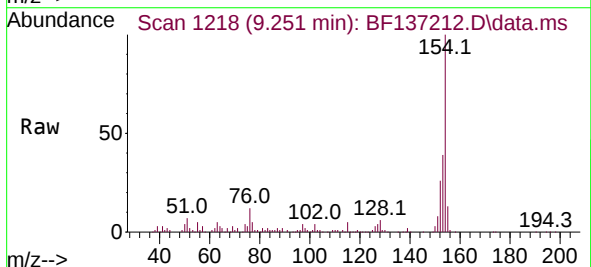
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MSD

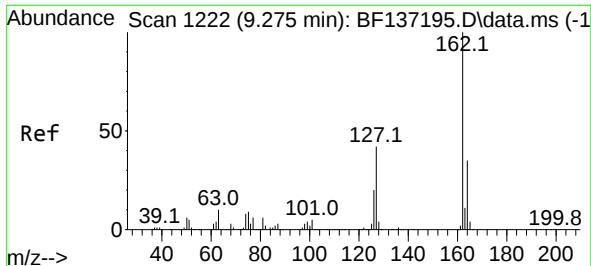
Tgt Ion:172 Resp: 101482
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 24.7 19.1 28.7



#46
1,1'-Biphenyl
Concen: 10.701 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Tgt Ion:154 Resp: 70891
Ion Ratio Lower Upper
154 100
153 39.1 21.2 61.2
76 11.8 0.0 33.0

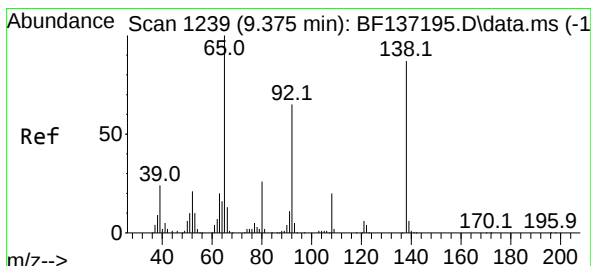
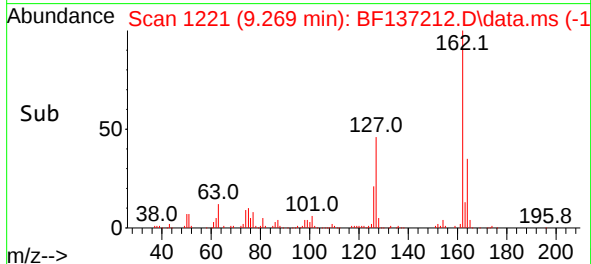
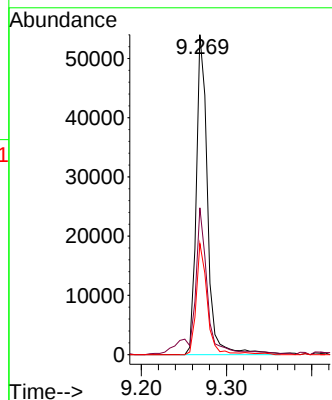
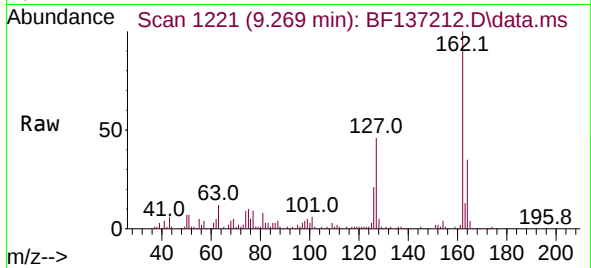




#47
2-Chloronaphthalene
Concen: 10.173 ng
RT: 9.269 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

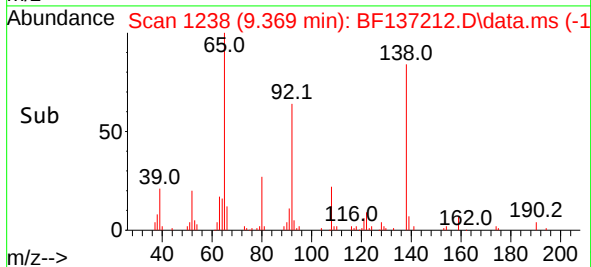
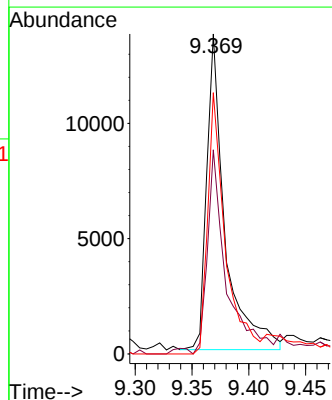
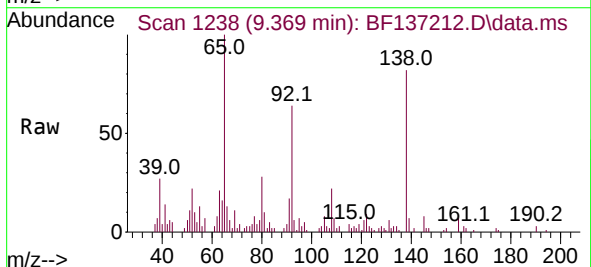
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MSD

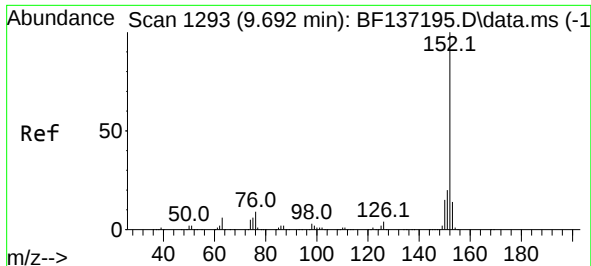
Tgt Ion:162 Resp: 49874
Ion Ratio Lower Upper
162 100
127 45.9 34.1 51.1
164 34.7 27.9 41.9



#48
2-Nitroaniline
Concen: 9.706 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Tgt Ion: 65 Resp: 15401
Ion Ratio Lower Upper
65 100
92 63.8 51.7 77.5
138 81.6 69.7 104.5

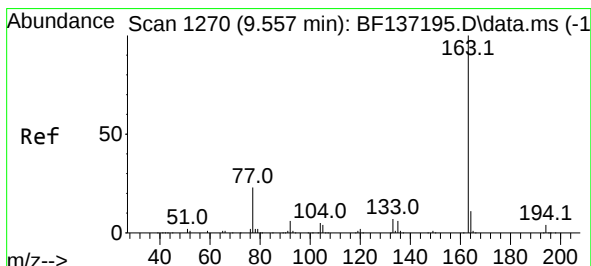
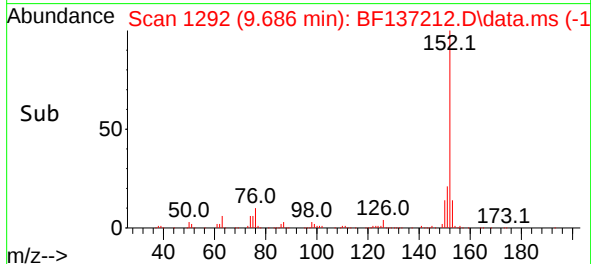
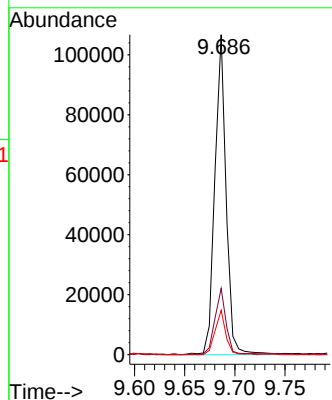
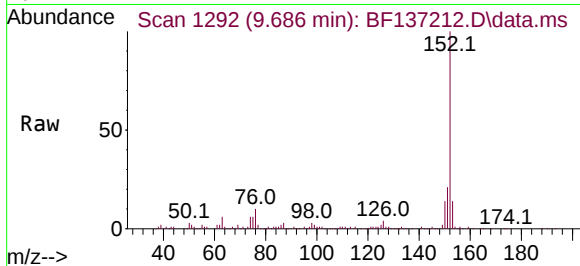




#49
Acenaphthylene
Concen: 10.634 ng
RT: 9.686 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

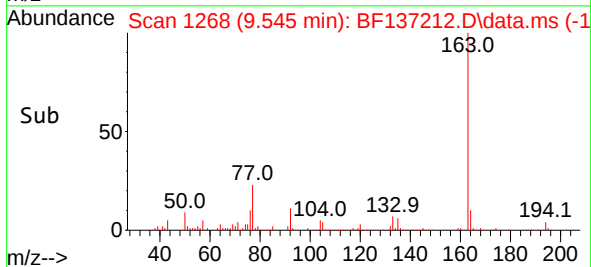
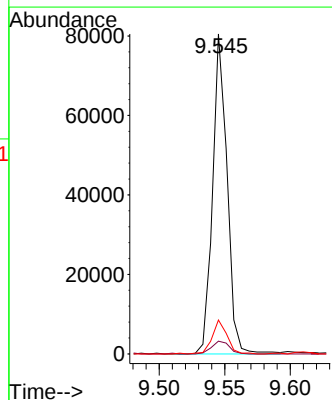
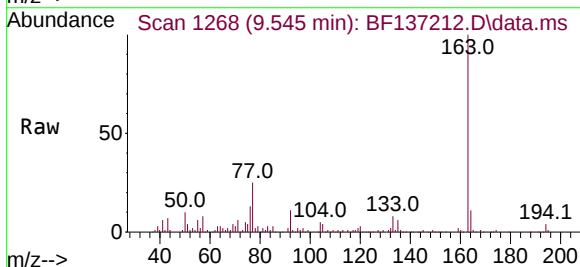
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MSD

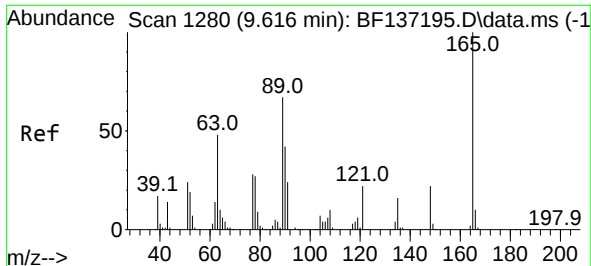
Tgt Ion:152 Resp: 83460
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.8 11.2 16.8



#50
Dimethylphthalate
Concen: 10.983 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Tgt Ion:163 Resp: 61780
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.6 8.6 13.0

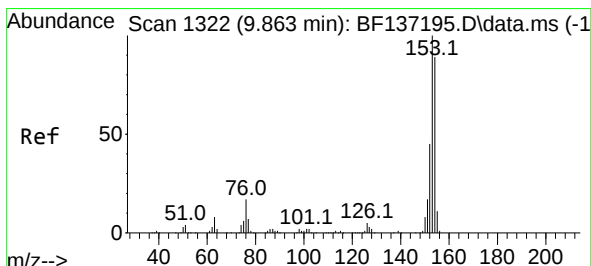
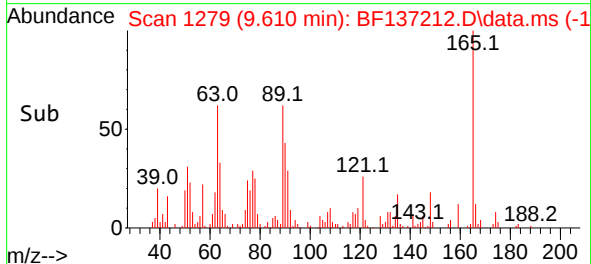
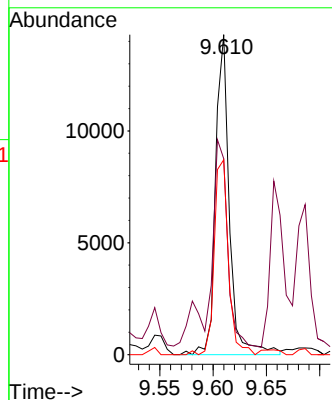
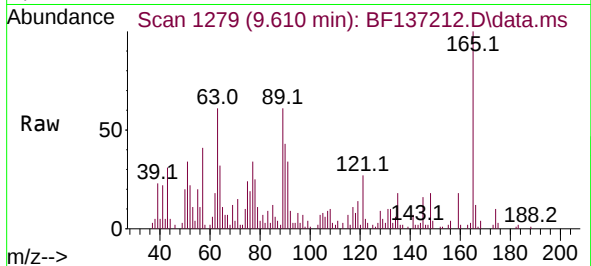




#51
2,6-Dinitrotoluene
Concen: 10.798 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

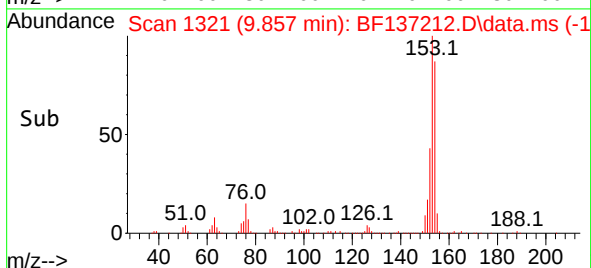
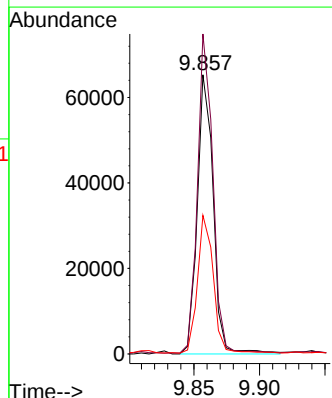
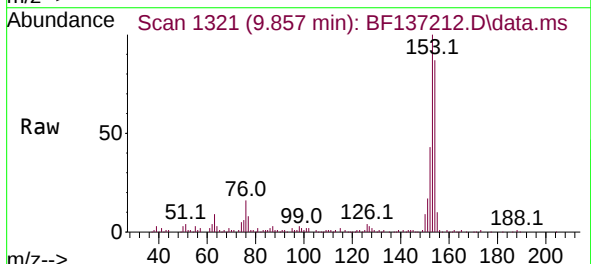
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MSD

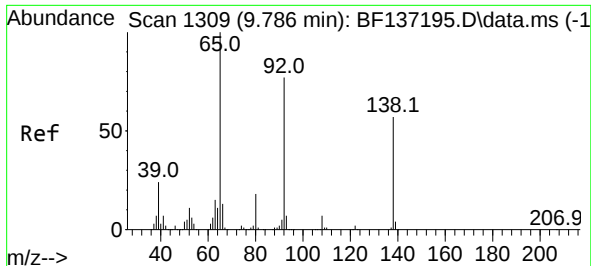
Tgt Ion:165 Resp: 12952
Ion Ratio Lower Upper
165 100
63 61.2 55.1 82.7
89 60.9 53.5 80.3



#52
Acenaphthene
Concen: 11.957 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Tgt Ion:154 Resp: 55155
Ion Ratio Lower Upper
154 100
153 114.6 90.2 135.4
152 49.6 40.6 60.8

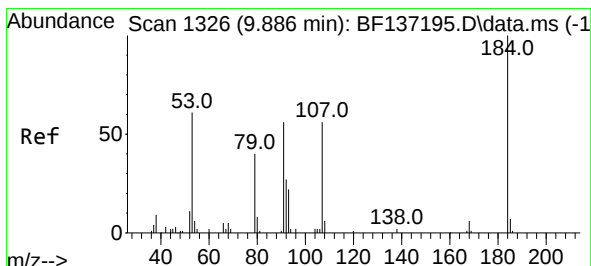
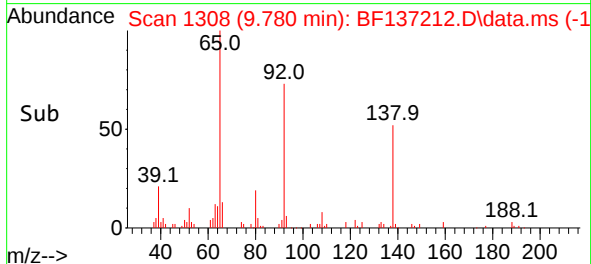
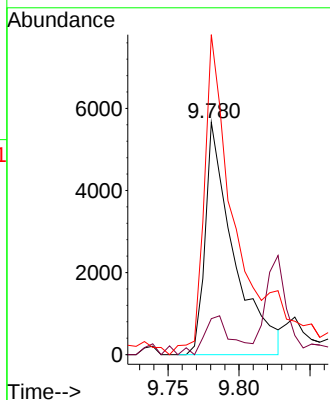
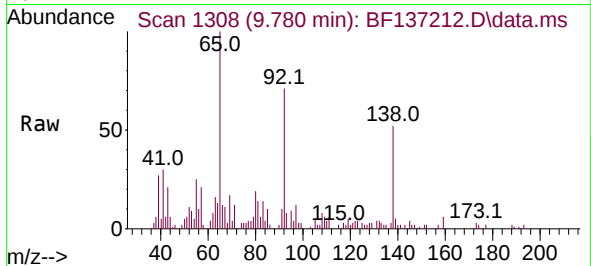




#53
3-Nitroaniline
Concen: 7.270 ng
RT: 9.780 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

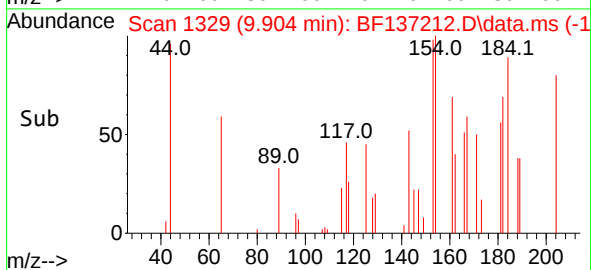
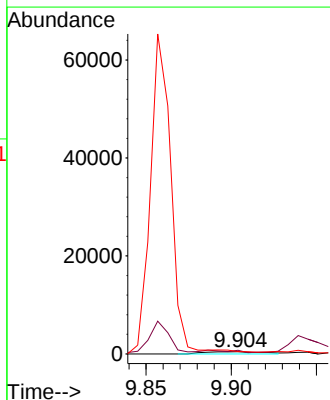
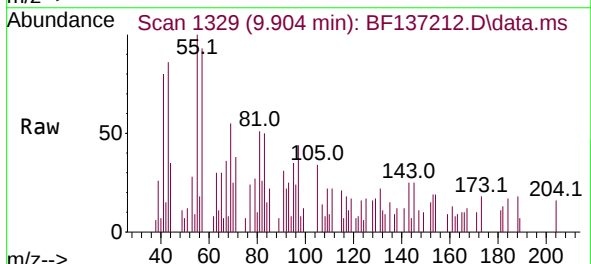
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MSD

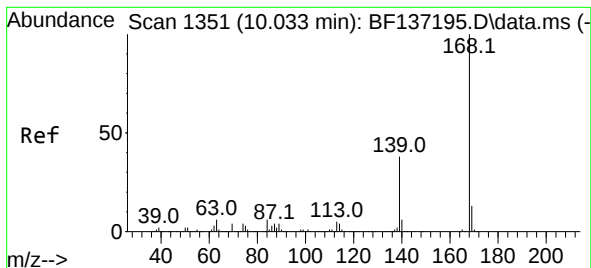
Tgt Ion:138 Resp: 7847
Ion Ratio Lower Upper
138 100
108 15.4 10.4 15.6
92 137.8 108.6 162.8



#54
2,4-Dinitrophenol
Concen: 13.169 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.018 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Tgt Ion:184 Resp: 1011
Ion Ratio Lower Upper
184 100
63 172.8 71.2 106.8#
154 112.8 64.9 97.3#





#55

Dibenzofuran

Concen: 10.797 ng

RT: 10.033 min Scan# 1351

Delta R.T. 0.000 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

Instrument :

BNA_F

ClientSampleId :

TR-05-013024MSD

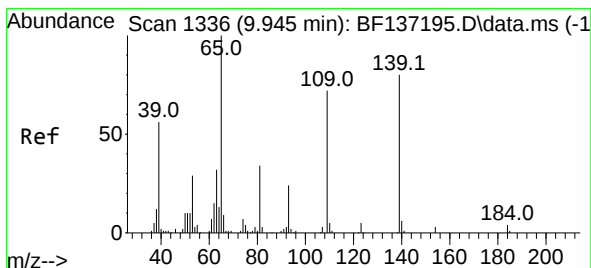
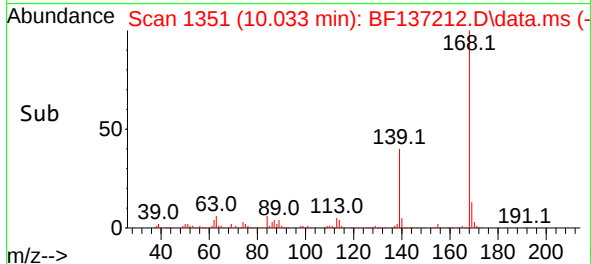
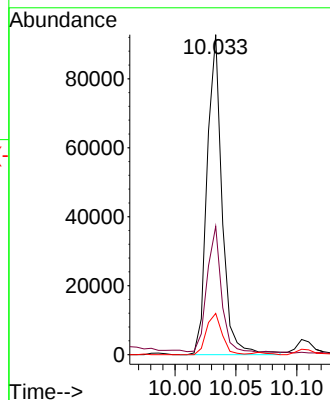
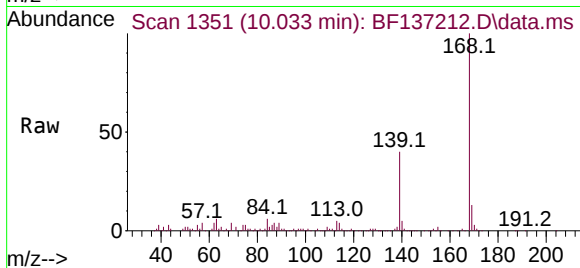
Tgt Ion:168 Resp: 79238

Ion Ratio Lower Upper

168 100

139 40.1 31.1 46.7

169 12.9 10.6 16.0



#56

4-Nitrophenol

Concen: 21.964 ng

RT: 9.939 min Scan# 1335

Delta R.T. -0.006 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

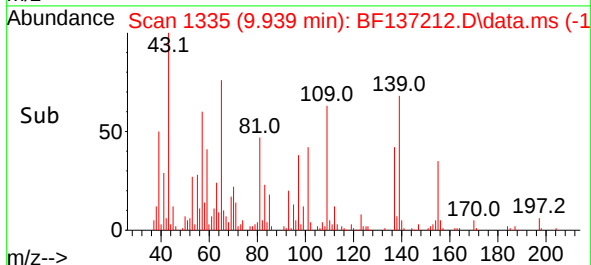
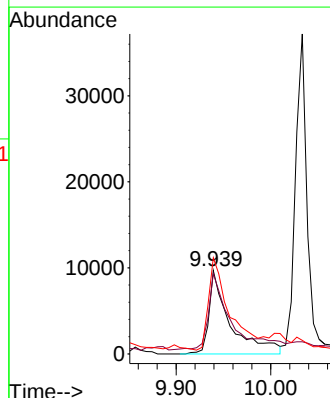
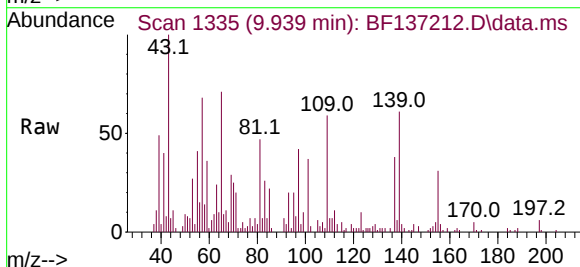
Tgt Ion:139 Resp: 15155

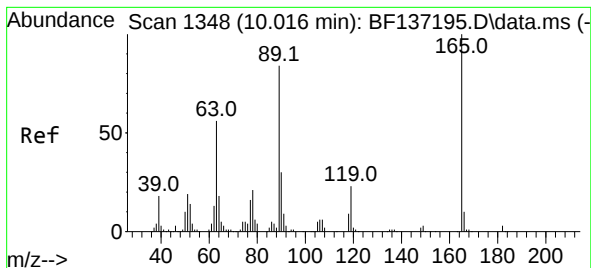
Ion Ratio Lower Upper

139 100

109 96.3 70.4 110.4

65 115.4 107.6 147.6

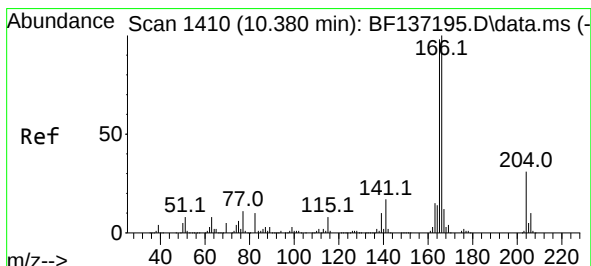
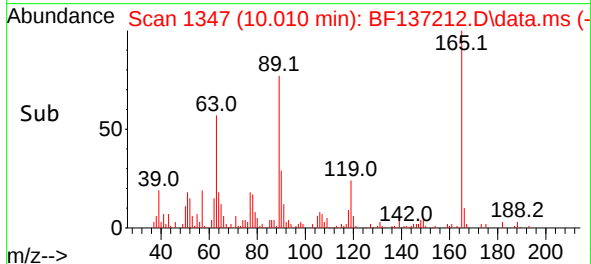
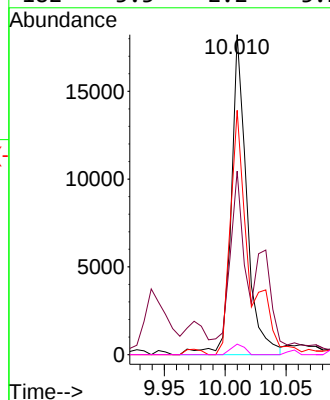
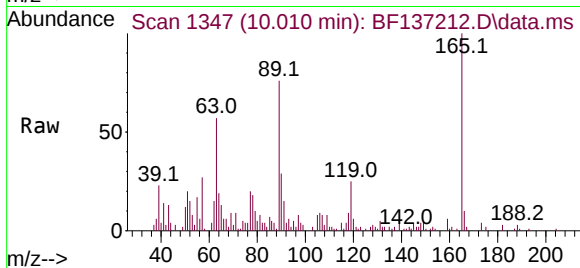




#57
2,4-Dinitrotoluene
Concen: 10.449 ng
RT: 10.010 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

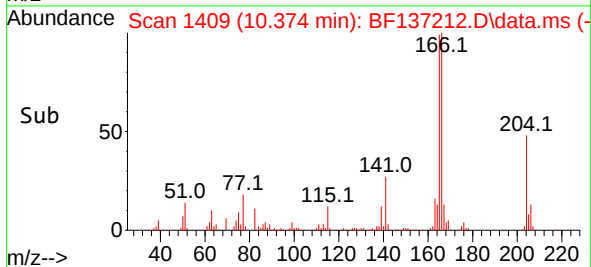
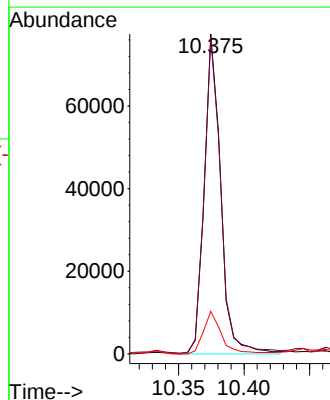
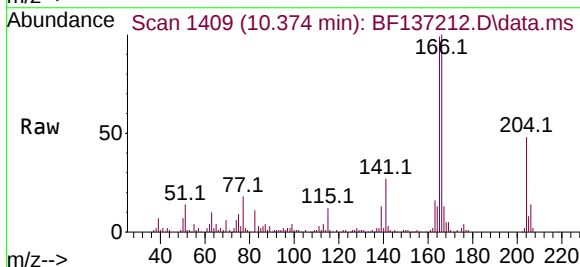
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MSD

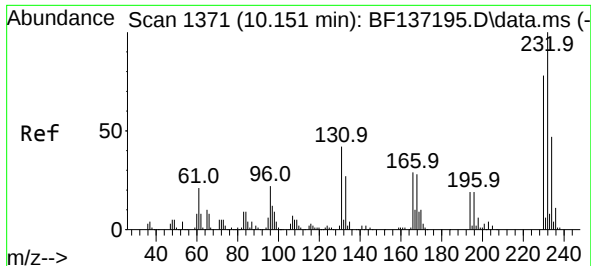
Tgt Ion:	165	Resp:	16262
Ion Ratio	Lower	Upper	
165	100		
63	57.3	46.1	69.1
89	76.3	67.5	101.3
182	3.3	2.2	3.2#



#58
Fluorene
Concen: 11.722 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Tgt Ion:	166	Resp:	67443
Ion Ratio	Lower	Upper	
166	100		
165	99.0	78.5	117.7
167	13.3	10.0	15.0

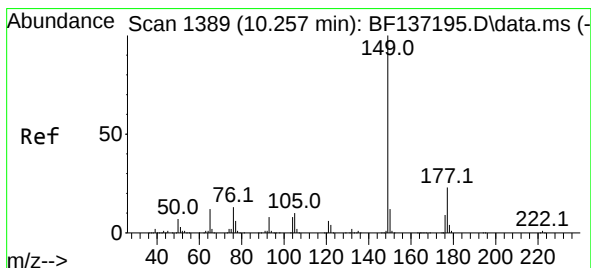
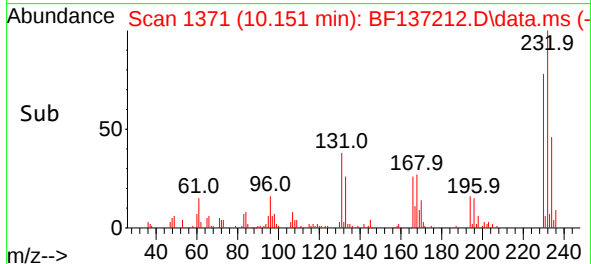
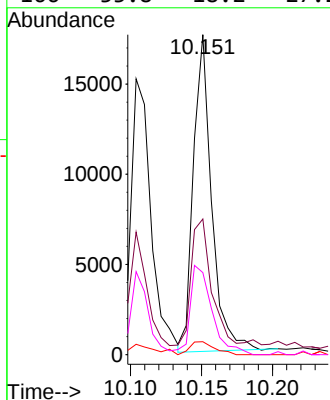
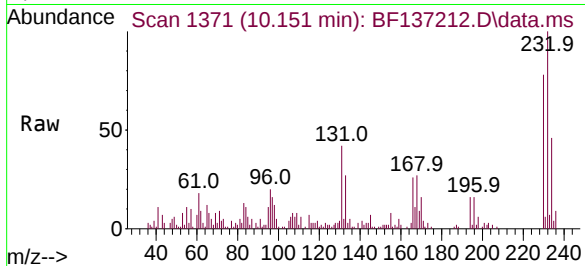




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.733 ng
RT: 10.151 min Scan# 1371
Delta R.T. 0.000 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

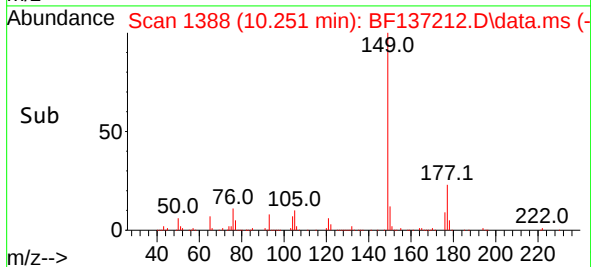
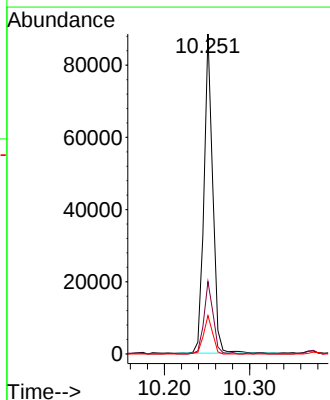
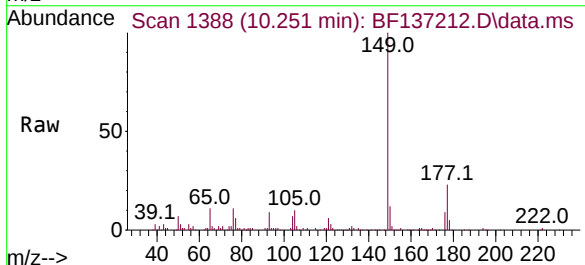
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MSD

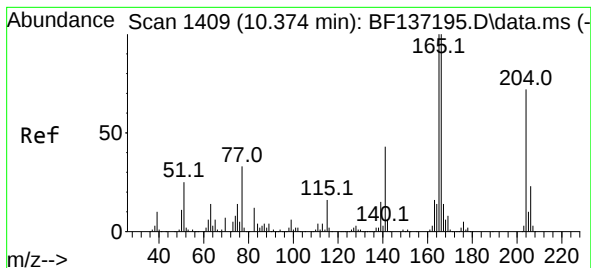
Tgt Ion:232 Resp: 15643
Ion Ratio Lower Upper
232 100
131 44.8 27.4 41.2#
130 5.5 1.7 2.5#
166 33.8 18.2 27.2#



#60
Diethylphthalate
Concen: 11.405 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Tgt Ion:149 Resp: 63166
Ion Ratio Lower Upper
149 100
177 22.6 18.0 27.0
150 12.0 9.6 14.4

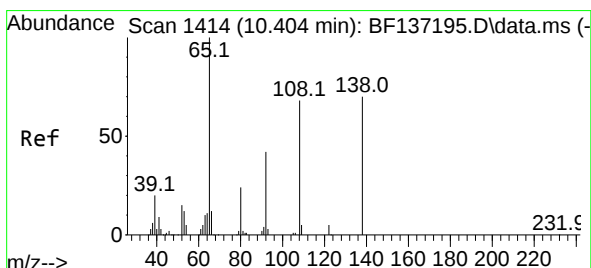
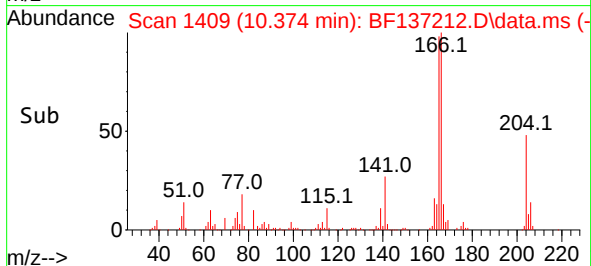
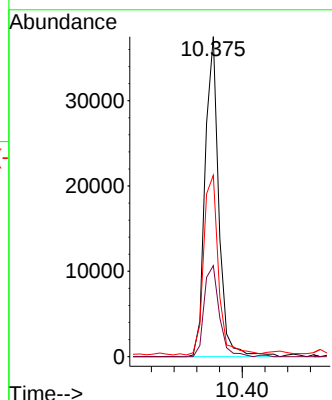
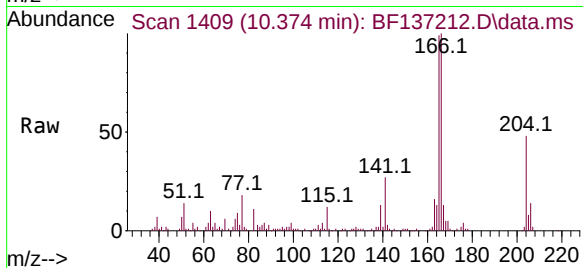




#61
4-Chlorophenyl-phenylether
Concen: 11.005 ng
RT: 10.374 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

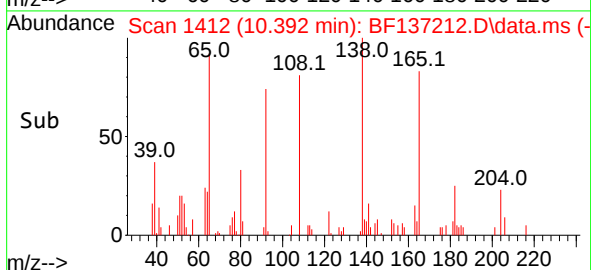
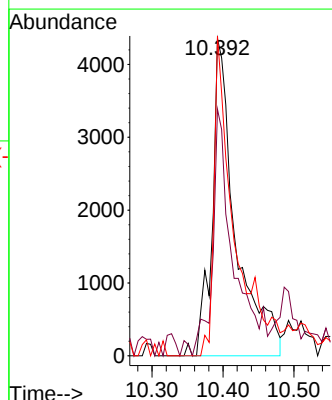
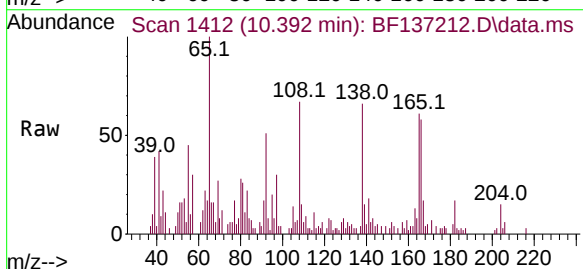
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MSD

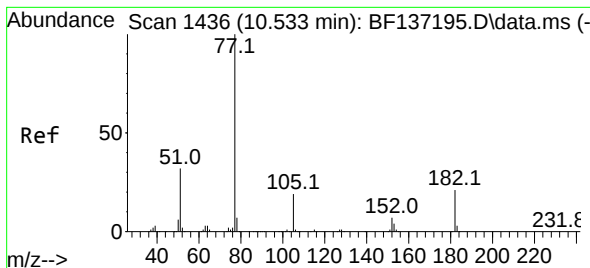
Tgt Ion:204 Resp: 31471
Ion Ratio Lower Upper
204 100
206 28.4 25.5 38.3
141 56.7 48.3 72.5



#62
4-Nitroaniline
Concen: 9.783 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Tgt Ion:138 Resp: 10108
Ion Ratio Lower Upper
138 100
92 77.7 39.3 79.3
108 100.9 75.3 115.3





#63

Azobenzene

Concen: 10.217 ng

RT: 10.533 min Scan# 1436

Delta R.T. 0.000 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

Instrument :

BNA_F

ClientSampleId :

TR-05-013024MSD

Tgt Ion: 77 Resp: 62670

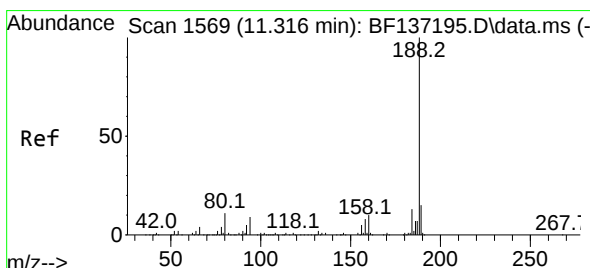
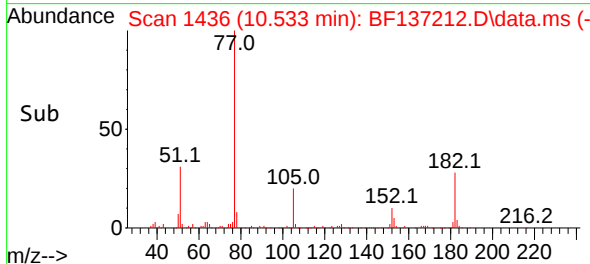
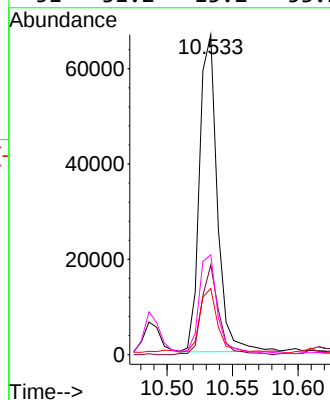
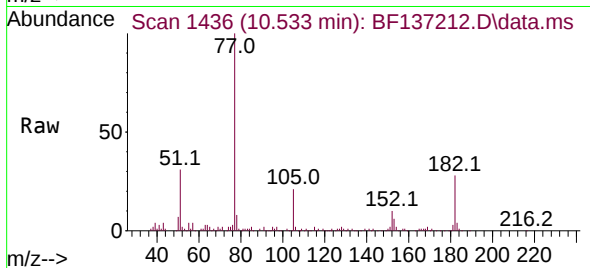
Ion Ratio Lower Upper

77 100

182 28.0 1.1 41.1

105 20.7 0.0 38.9

51 31.2 13.2 53.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1569

Delta R.T. -0.000 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

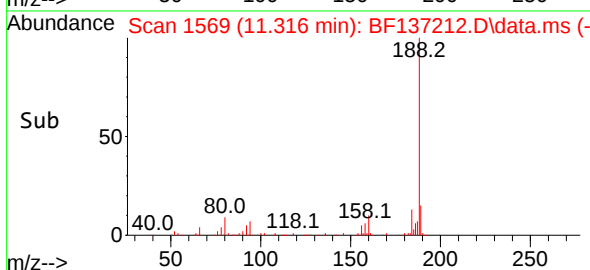
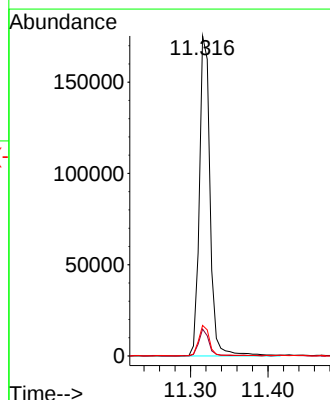
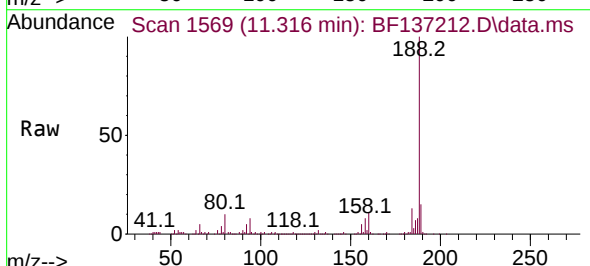
Tgt Ion: 188 Resp: 167847

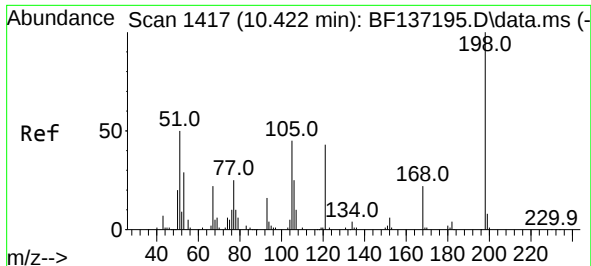
Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.4

80 9.5 8.8 13.2

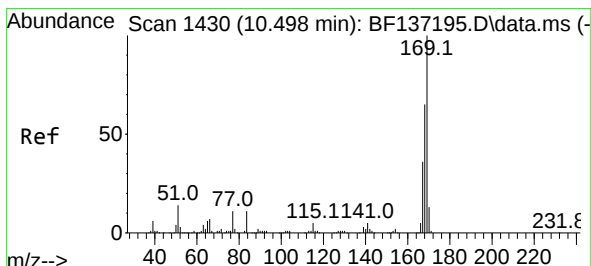
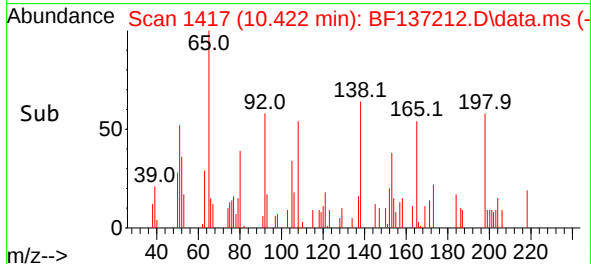
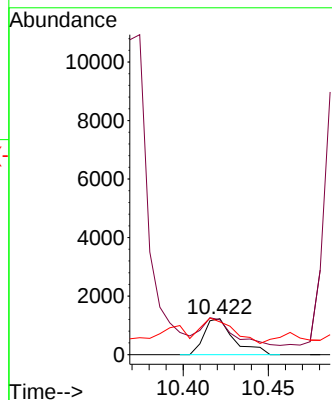
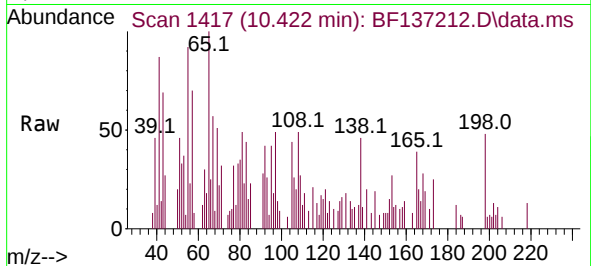




#65
4,6-Dinitro-2-methylphenol
Concen: 6.943 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

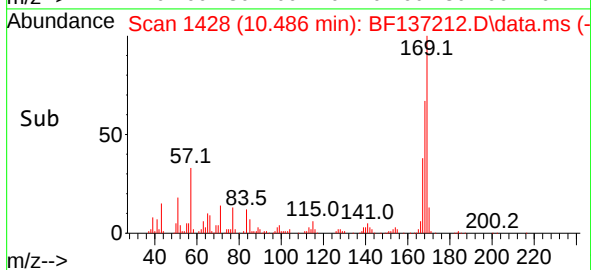
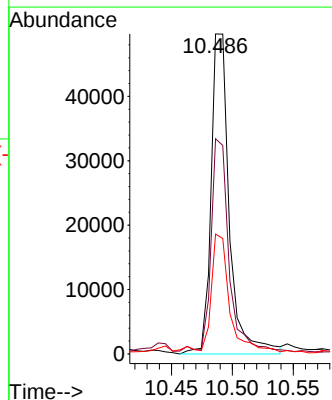
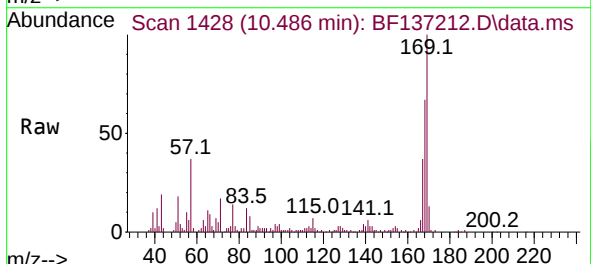
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MSD

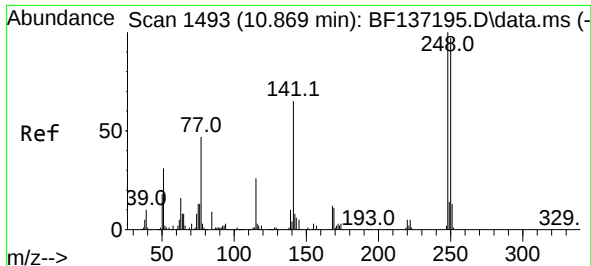
Tgt Ion:198 Resp: 1493
Ion Ratio Lower Upper
198 100
51 96.9 40.9 80.9#
105 91.0 26.5 66.5#



#66
n-Nitrosodiphenylamine
Concen: 10.209 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Tgt Ion:169 Resp: 52104
Ion Ratio Lower Upper
169 100
168 67.2 51.9 77.9
167 37.4 29.0 43.6

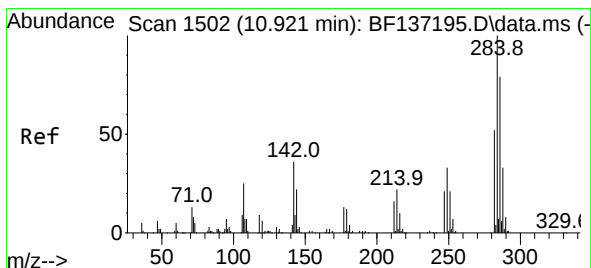
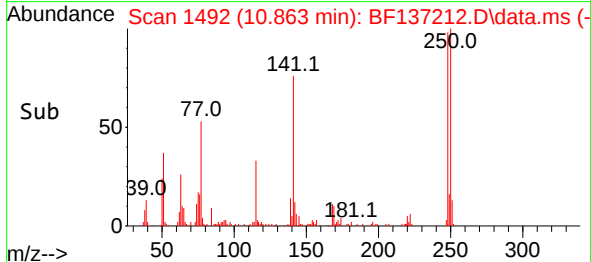
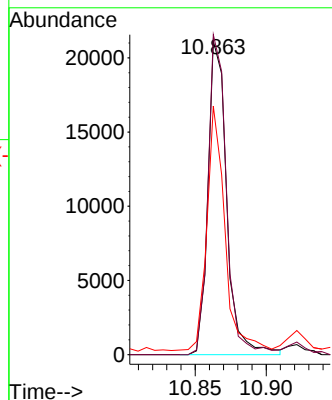
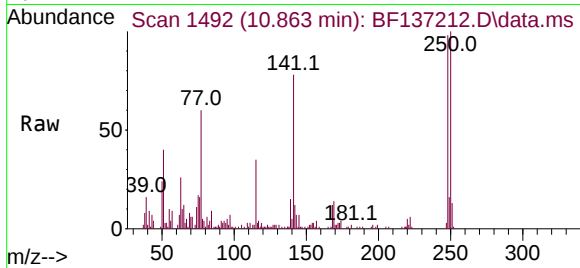




#67
4-Bromophenyl-phenylether
Concen: 10.500 ng
RT: 10.863 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

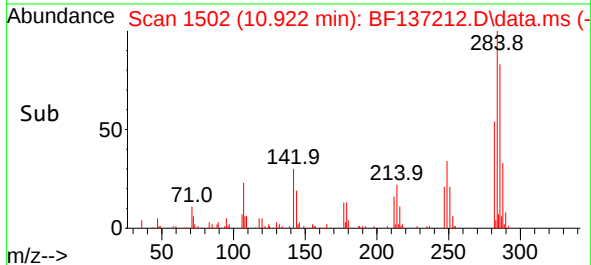
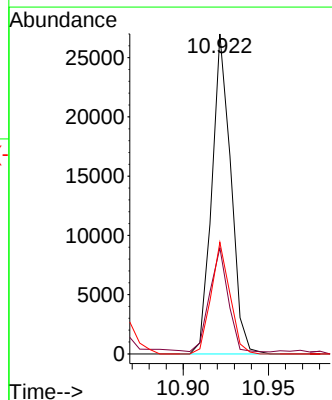
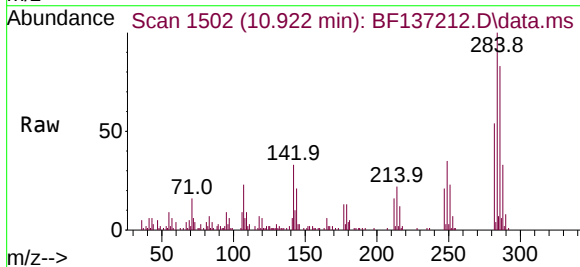
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MSD

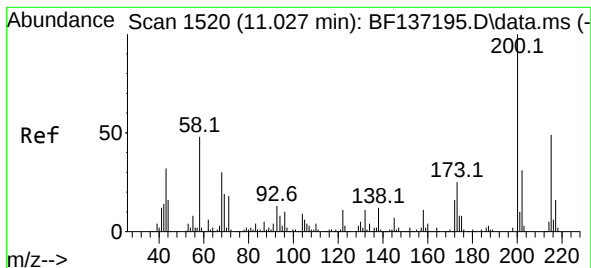
Tgt Ion:248 Resp: 19378
Ion Ratio Lower Upper
248 100
250 102.0 77.7 116.5
141 79.2 51.6 77.4#



#68
Hexachlorobenzene
Concen: 10.147 ng
RT: 10.922 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Tgt Ion:284 Resp: 20917
Ion Ratio Lower Upper
284 100
142 33.1 28.7 43.1
249 34.9 27.0 40.4





#69

Atrazine

Concen: 11.899 ng

RT: 11.022 min Scan# 1519

Delta R.T. -0.006 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

Instrument :

BNA_F

ClientSampleId :

TR-05-013024MSD

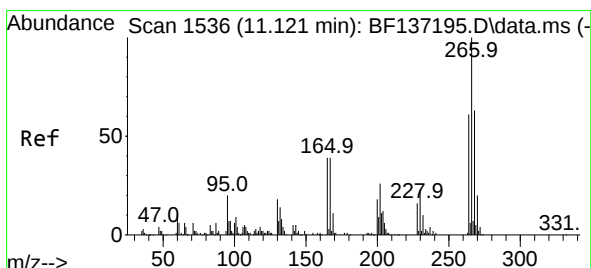
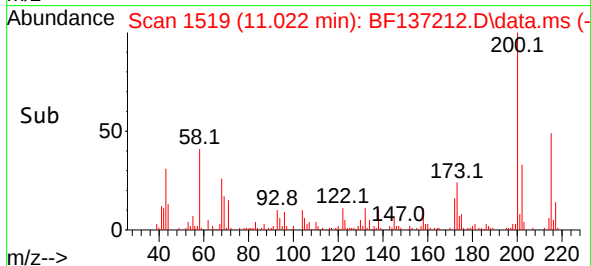
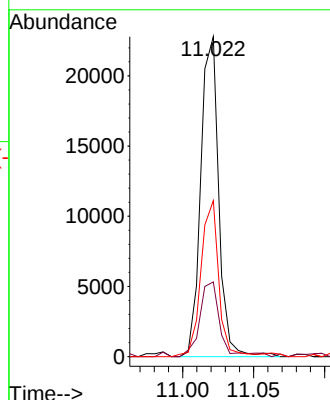
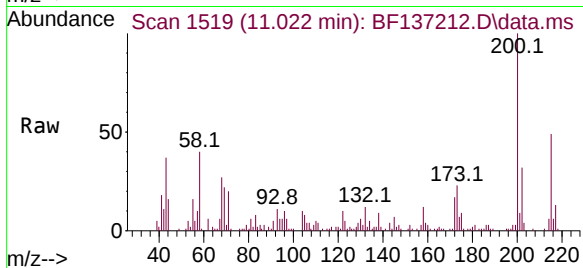
Tgt Ion:200 Resp: 20047

Ion Ratio Lower Upper

200 100

173 23.3 5.3 45.3

215 48.7 29.4 69.4



#70

Pentachlorophenol

Concen: 22.127 ng

RT: 11.121 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

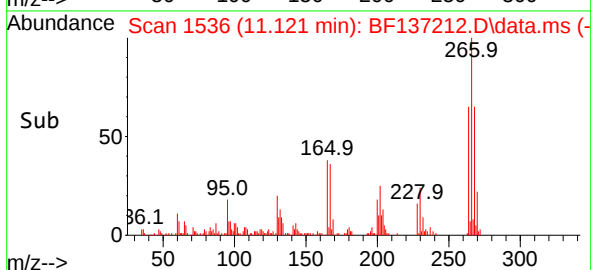
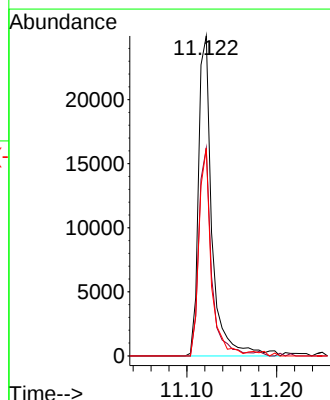
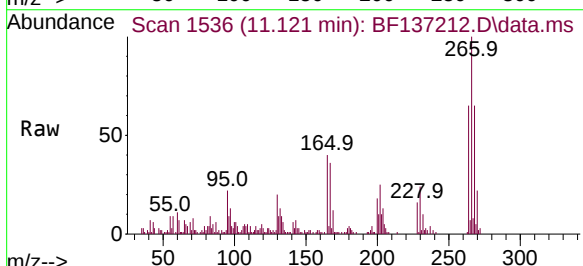
Tgt Ion:266 Resp: 26148

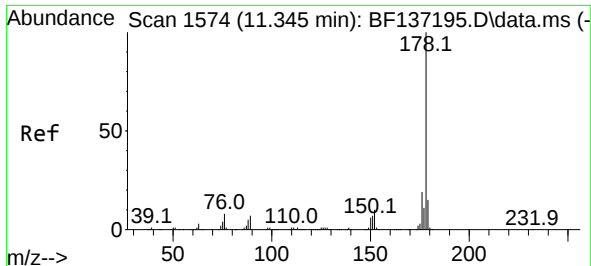
Ion Ratio Lower Upper

266 100

268 65.0 50.6 76.0

264 64.8 48.8 73.2

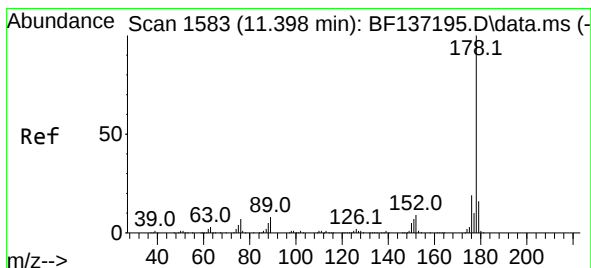
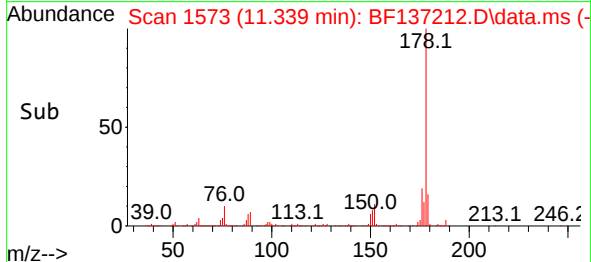
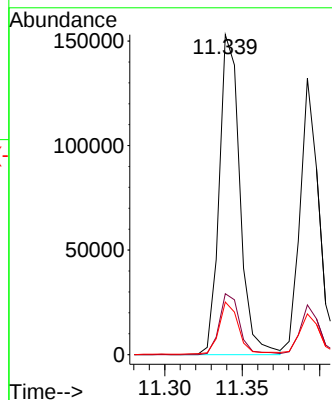
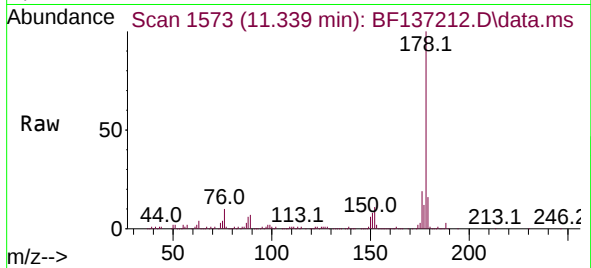




#71
Phenanthrene
Concen: 16.148 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

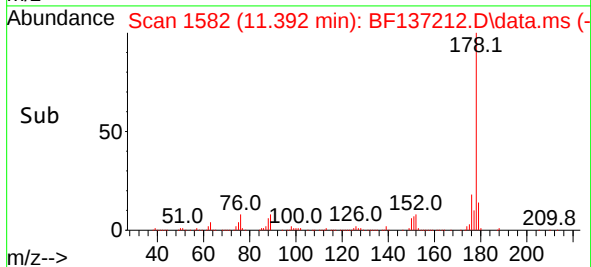
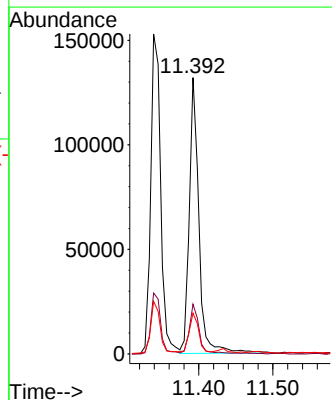
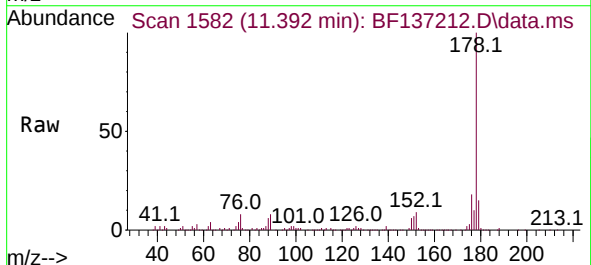
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MSD

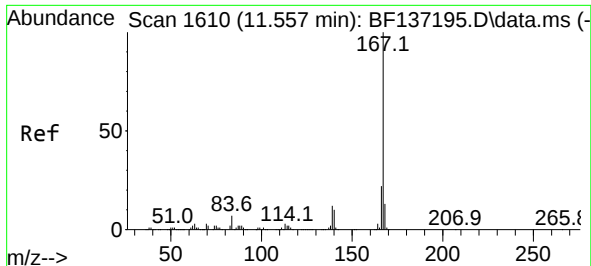
Tgt Ion:178 Resp: 141890
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 16.4 12.1 18.1



#72
Anthracene
Concen: 12.958 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Tgt Ion:178 Resp: 118681
Ion Ratio Lower Upper
178 100
176 18.0 15.3 22.9
179 14.8 12.7 19.1

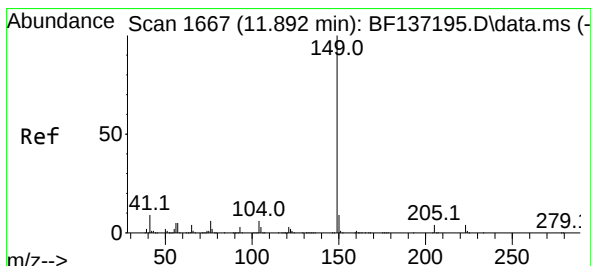
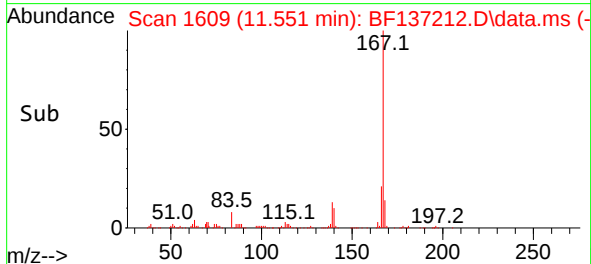
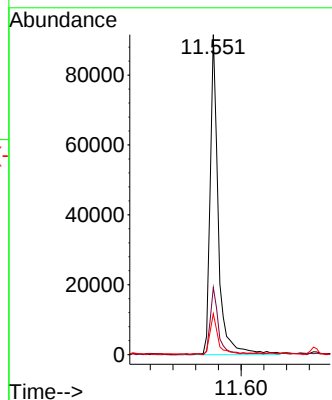
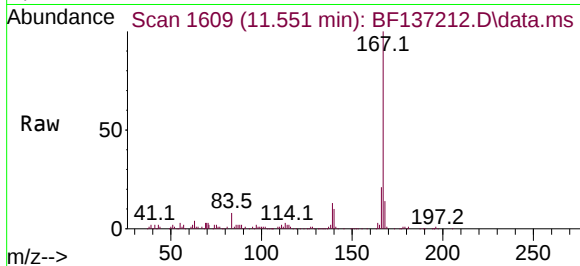




#73
 Carbazole
 Concen: 11.992 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF137212.D
 Acq: 31 Jan 2024 16:03

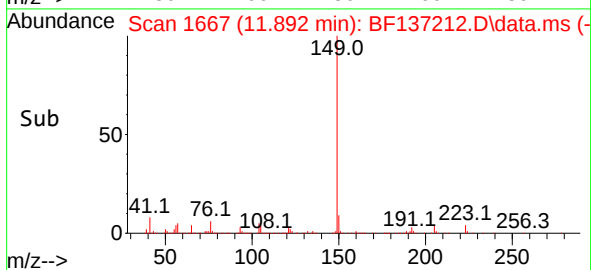
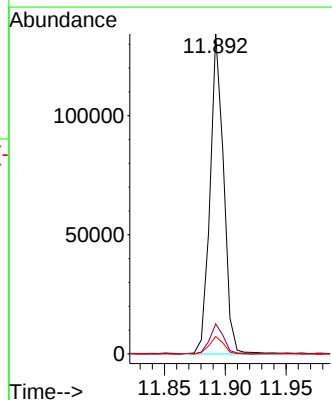
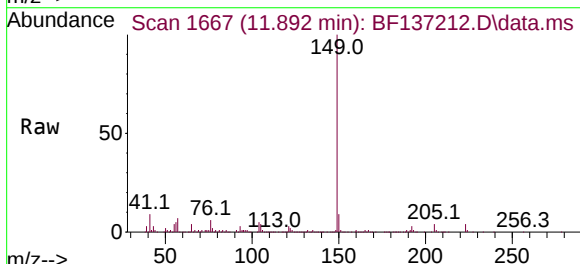
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-013024MSD

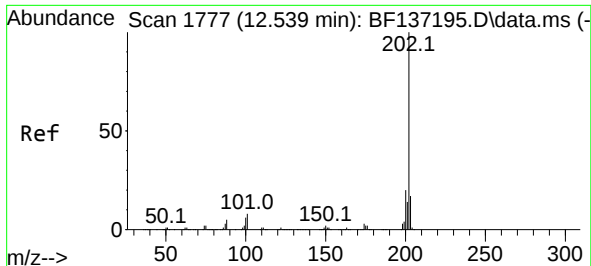
Tgt Ion:167 Resp: 91785
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.6 26.4
 139 12.8 9.7 14.5



#74
 Di-n-butylphthalate
 Concen: 12.640 ng
 RT: 11.892 min Scan# 1667
 Delta R.T. 0.000 min
 Lab File: BF137212.D
 Acq: 31 Jan 2024 16:03

Tgt Ion:149 Resp: 104585
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 5.4 4.5 6.7

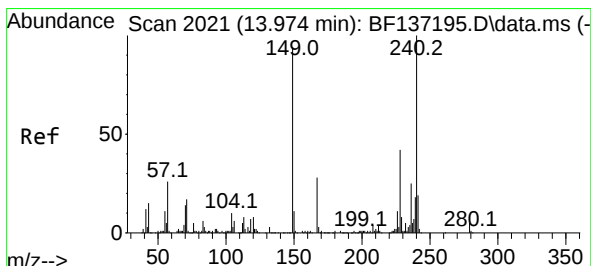
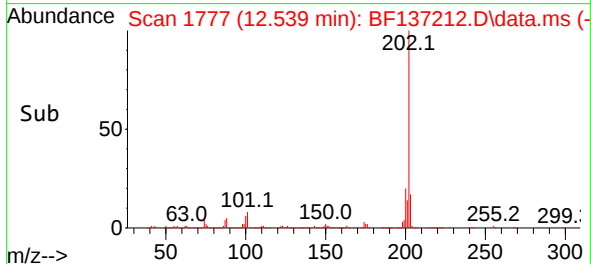
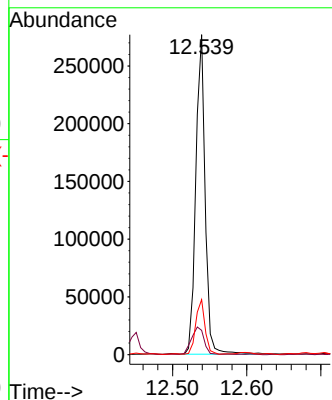
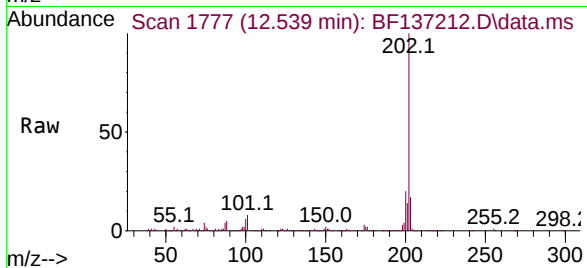




#75
Fluoranthene
Concen: 26.606 ng
RT: 12.539 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

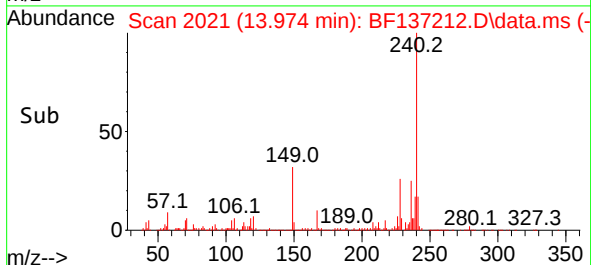
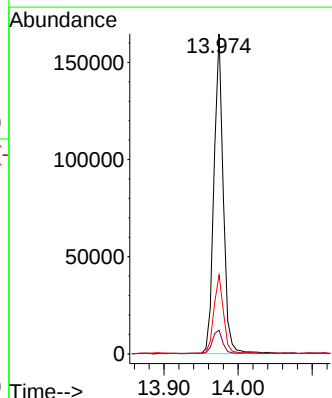
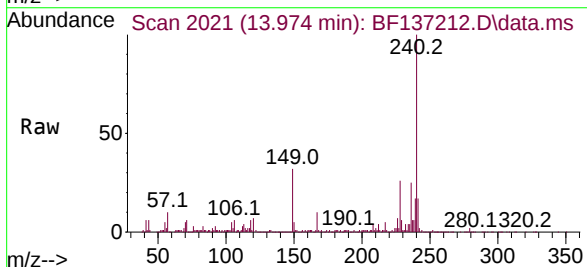
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MSD

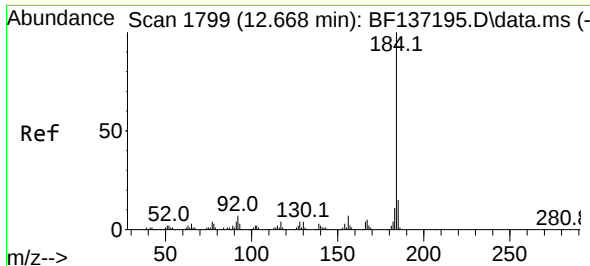
Tgt Ion:202 Resp: 244637
Ion Ratio Lower Upper
202 100
101 7.6 0.0 28.4
203 17.2 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Tgt Ion:240 Resp: 143710
Ion Ratio Lower Upper
240 100
120 7.4 6.3 9.5
236 24.7 20.3 30.5

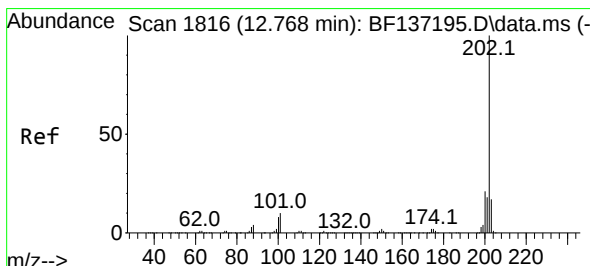
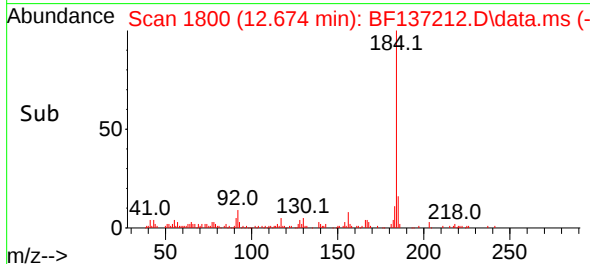
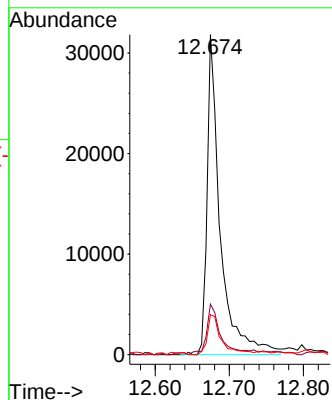
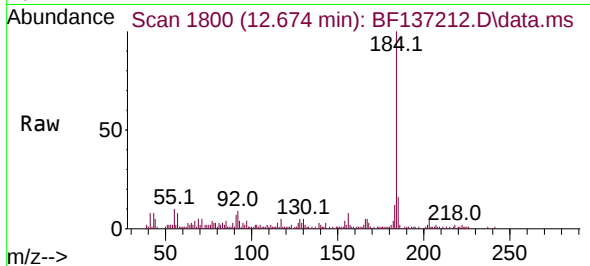




#77
Benzidine
Concen: 15.247 ng
RT: 12.674 min Scan# 1800
Delta R.T. 0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

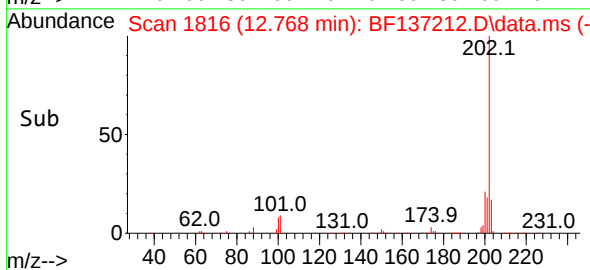
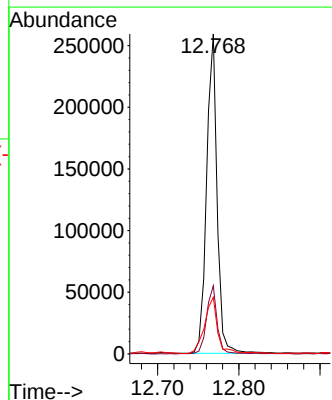
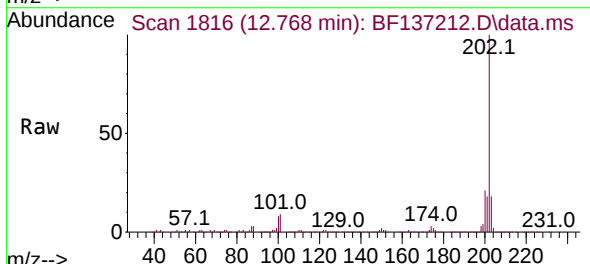
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MSD

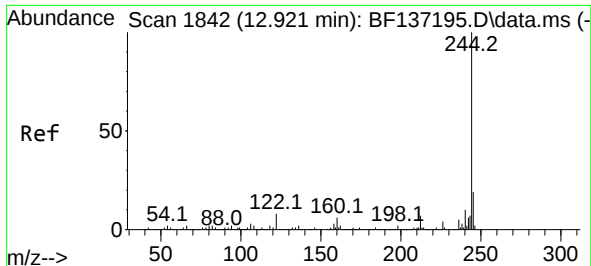
Tgt Ion:184 Resp: 39235
Ion Ratio Lower Upper
184 100
185 15.8 11.9 17.9
183 12.5 8.8 13.2



#78
Pyrene
Concen: 16.872 ng
RT: 12.768 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Tgt Ion:202 Resp: 233009
Ion Ratio Lower Upper
202 100
200 21.3 16.5 24.7
203 17.7 13.8 20.6

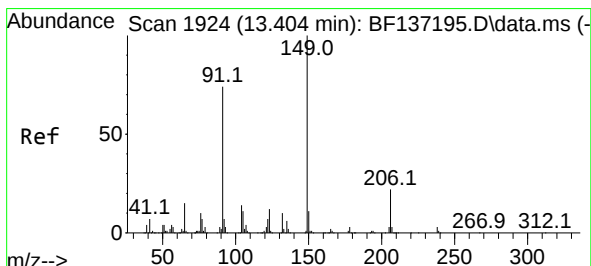
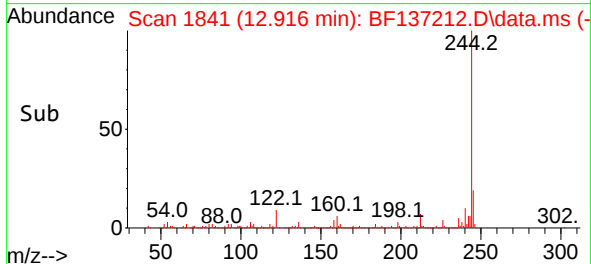
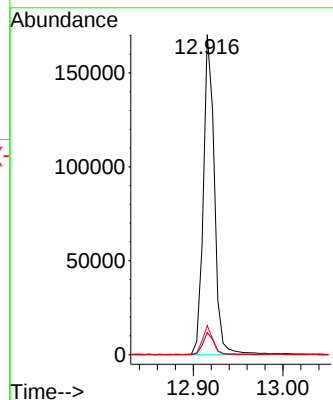
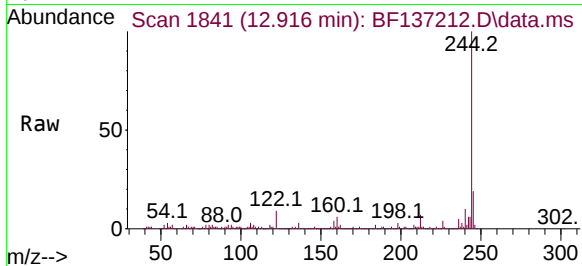




#79
 Terphenyl-d14
 Concen: 13.767 ng
 RT: 12.916 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF137212.D
 Acq: 31 Jan 2024 16:03

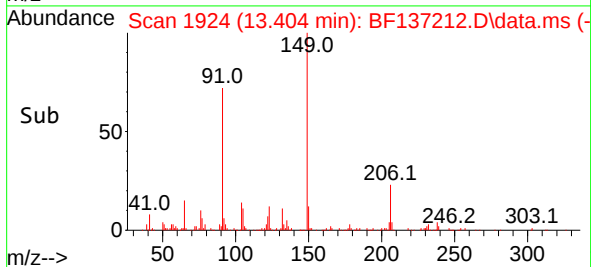
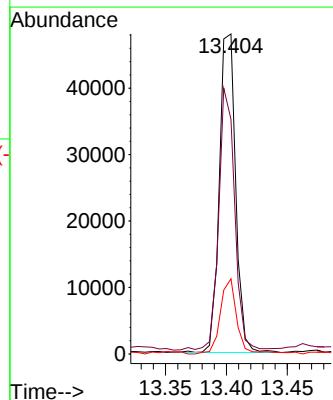
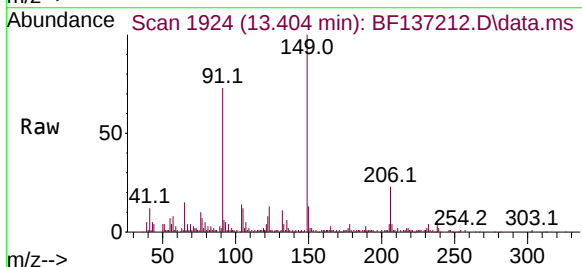
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-013024MSD

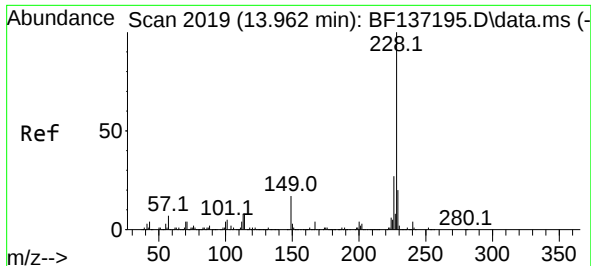
Tgt Ion:244 Resp: 145537
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 9.1 6.2 9.4



#80
 Butylbenzylphthalate
 Concen: 12.698 ng
 RT: 13.404 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: BF137212.D
 Acq: 31 Jan 2024 16:03

Tgt Ion:149 Resp: 44862
 Ion Ratio Lower Upper
 149 100
 91 73.3 58.8 88.2
 206 23.5 17.7 26.5

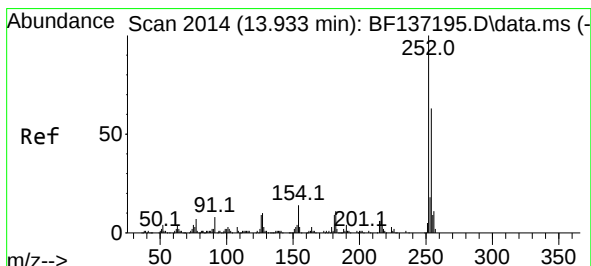
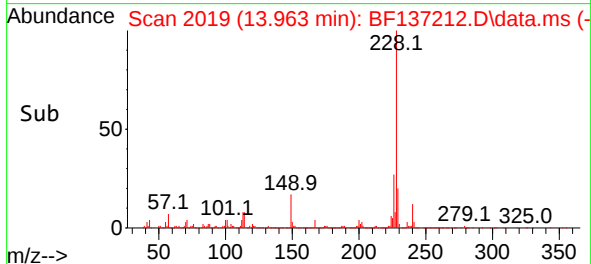
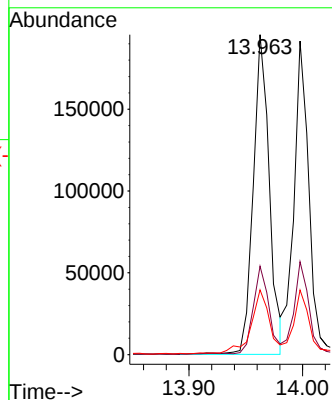
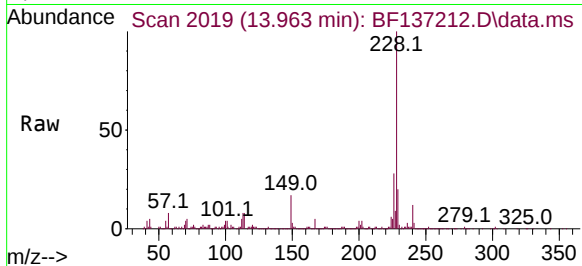




#81
Benzo(a)anthracene
Concen: 18.836 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

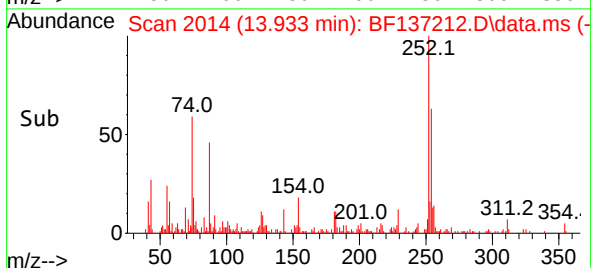
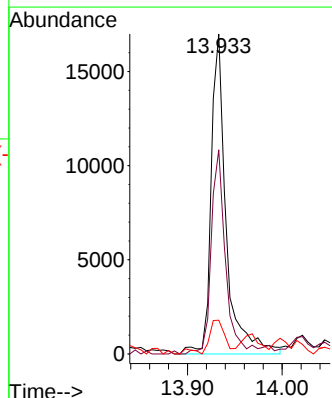
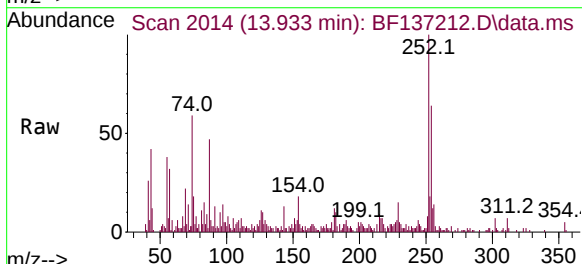
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MSD

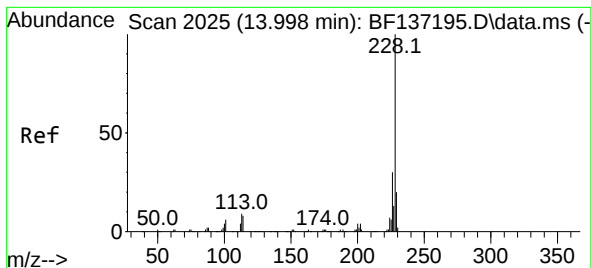
Tgt Ion:228 Resp: 191705
Ion Ratio Lower Upper
228 100
226 27.6 21.6 32.4
229 20.2 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 6.816 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Tgt Ion:252 Resp: 18901
Ion Ratio Lower Upper
252 100
254 63.8 50.2 75.2
126 10.5 7.0 10.6





#83

Chrysene

Concen: 17.614 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

Instrument :

BNA_F

ClientSampleId :

TR-05-013024MSD

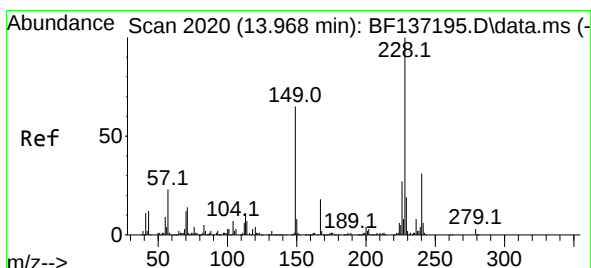
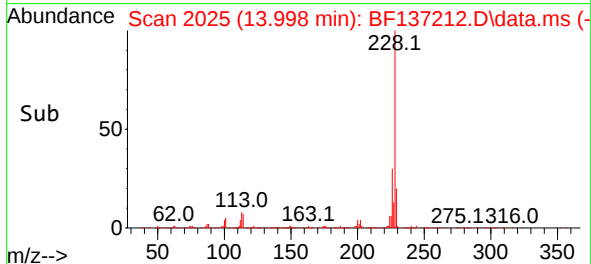
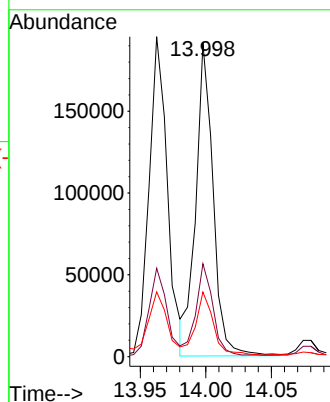
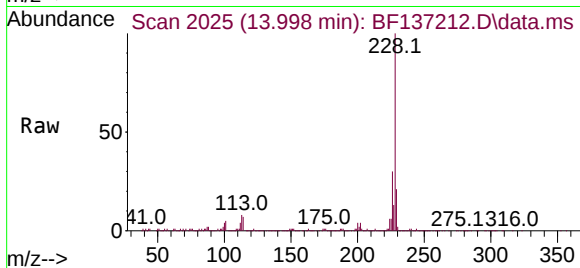
Tgt Ion:228 Resp: 176245

Ion Ratio Lower Upper

228 100

226 29.6 23.7 35.5

229 20.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 16.213 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

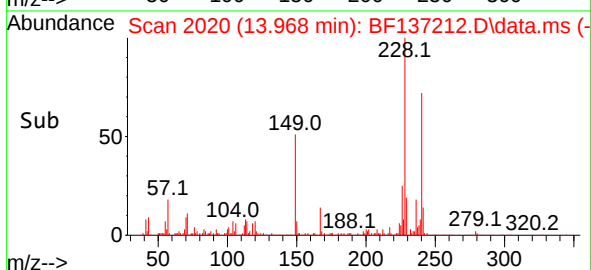
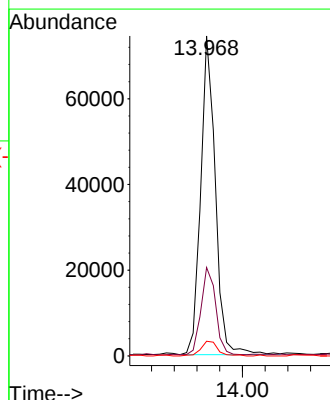
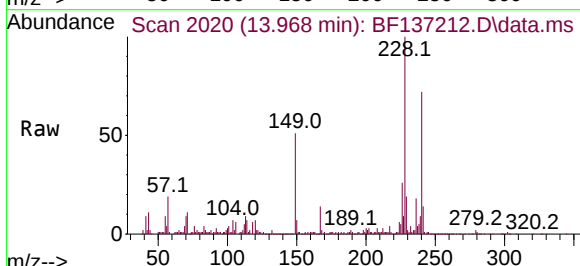
Tgt Ion:149 Resp: 66640

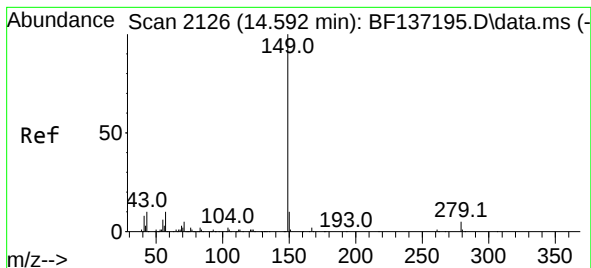
Ion Ratio Lower Upper

149 100

167 27.6 21.7 32.5

279 4.6 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 16.431 ng

RT: 14.586 min Scan# 2125

Delta R.T. -0.006 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

Instrument :

BNA_F

ClientSampleId :

TR-05-013024MSD

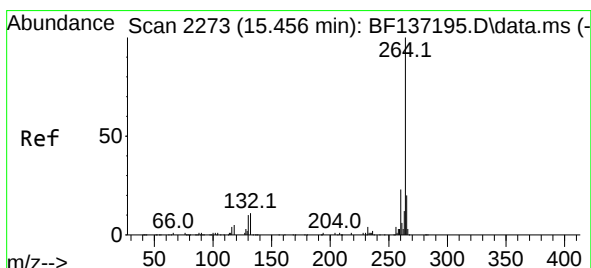
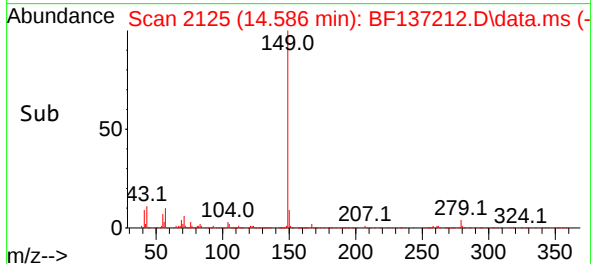
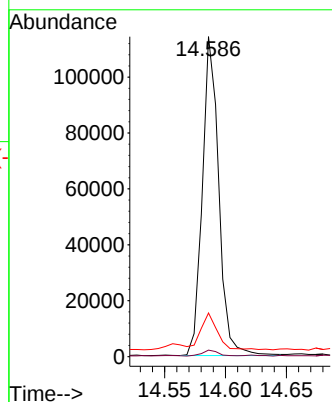
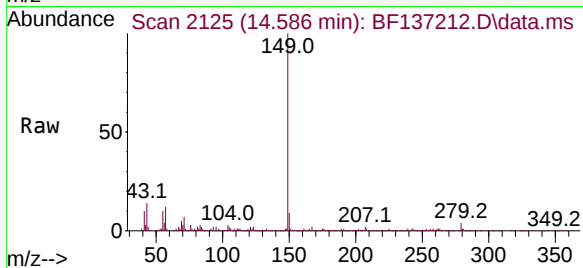
Tgt Ion:149 Resp: 107382

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

43 12.0 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. 0.000 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

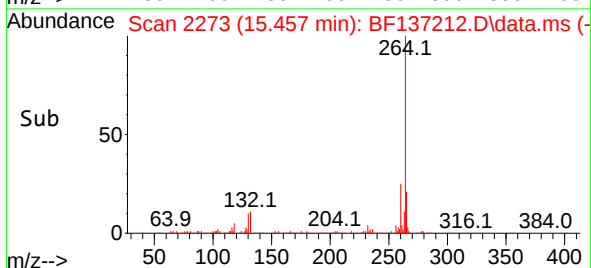
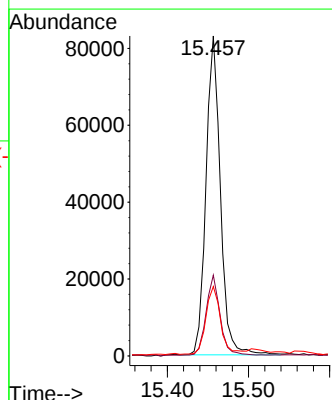
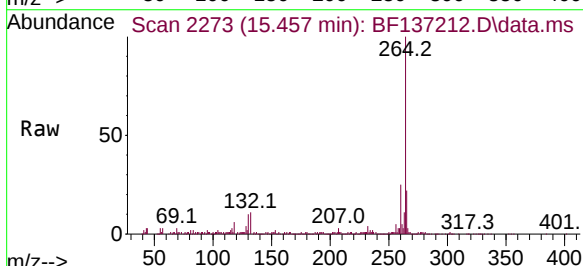
Tgt Ion:264 Resp: 102445

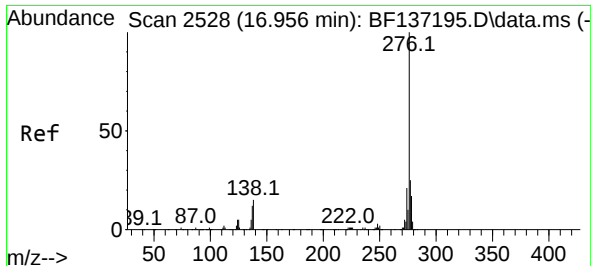
Ion Ratio Lower Upper

264 100

260 25.2 18.2 27.4

265 21.7 16.2 24.2

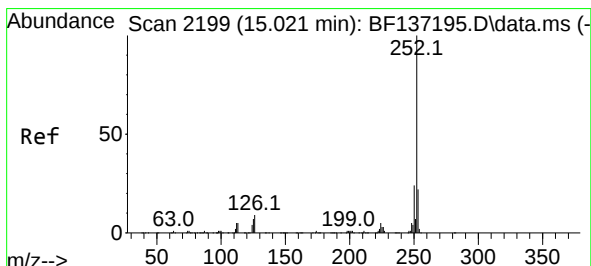
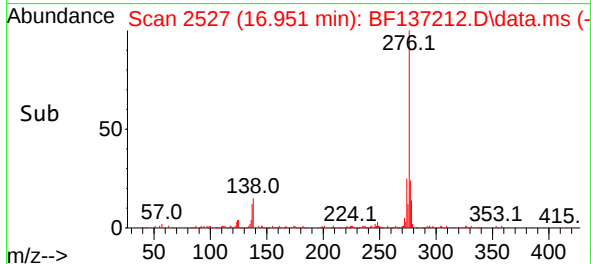
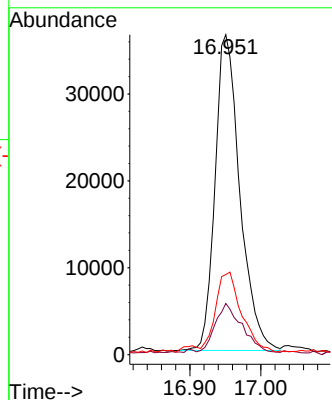
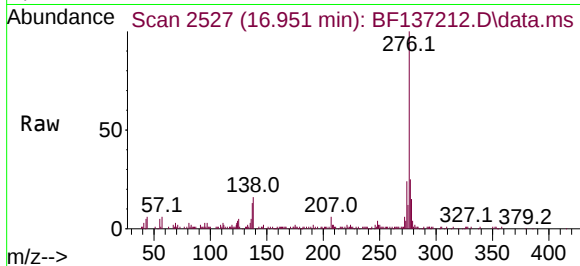




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 12.276 ng
 RT: 16.951 min Scan# 2199
 Delta R.T. -0.006 min
 Lab File: BF137212.D
 Acq: 31 Jan 2024 16:03

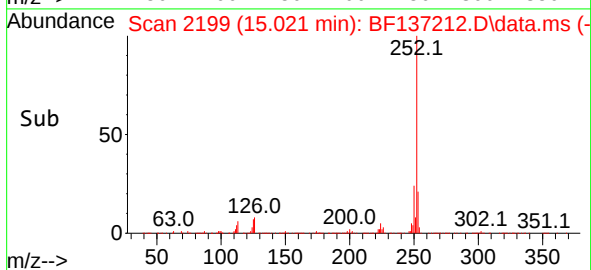
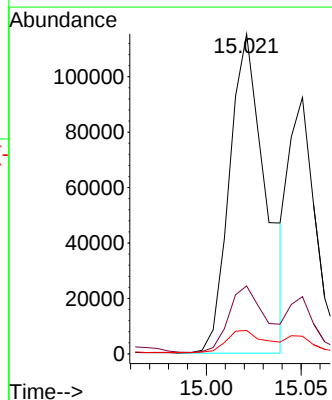
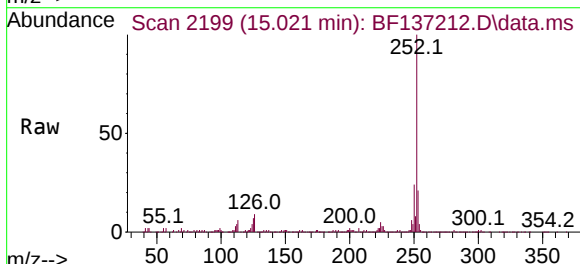
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-013024MSD

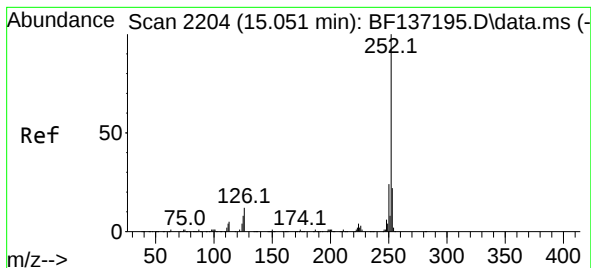
Tgt Ion:276 Resp: 88356
 Ion Ratio Lower Upper
 276 100
 138 16.7 14.6 21.8
 277 26.1 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 24.289 ng
 RT: 15.021 min Scan# 2199
 Delta R.T. 0.000 min
 Lab File: BF137212.D
 Acq: 31 Jan 2024 16:03

Tgt Ion:252 Resp: 153028
 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: 13.773 ng

RT: 15.051 min Scan# 2204

Delta R.T. 0.000 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

Instrument :

BNA_F

ClientSampleId :

TR-05-013024MSD

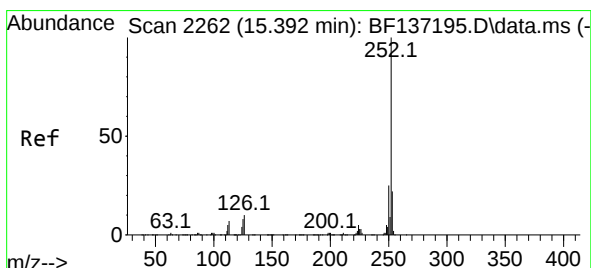
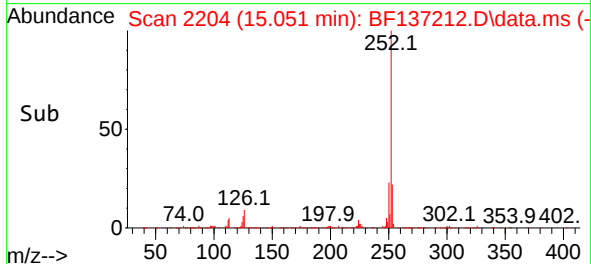
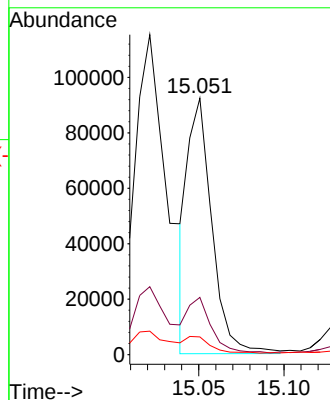
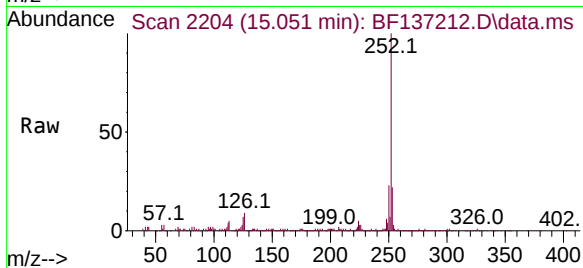
Tgt Ion:252 Resp: 91800

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

125 6.9 5.9 8.9



#90

Benzo(a)pyrene

Concen: 18.243 ng

RT: 15.392 min Scan# 2262

Delta R.T. 0.000 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

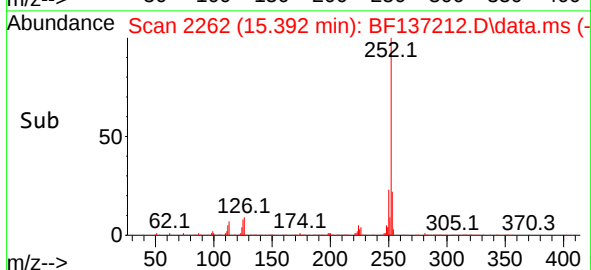
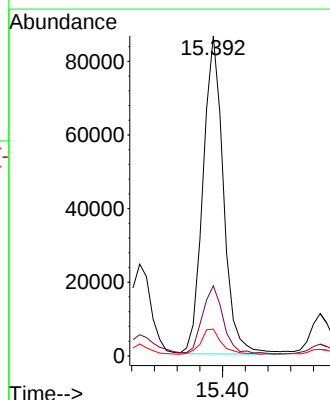
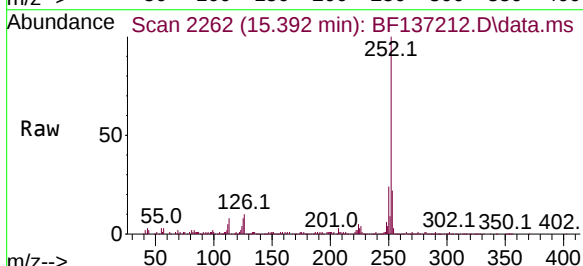
Tgt Ion:252 Resp: 108165

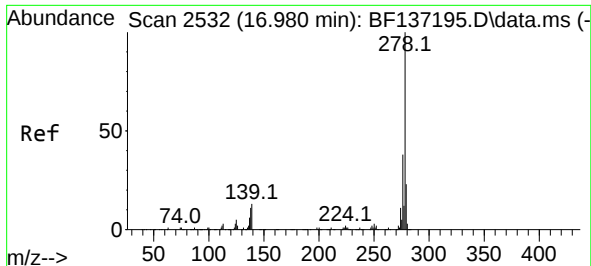
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 8.4 6.5 9.7

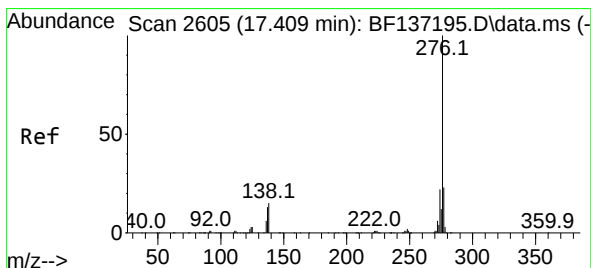
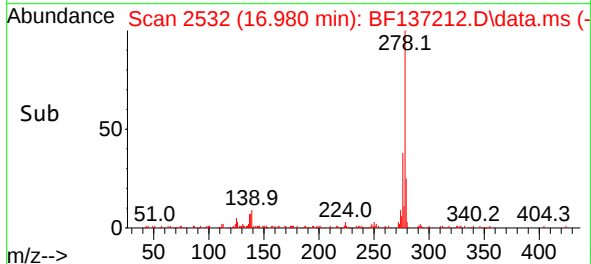
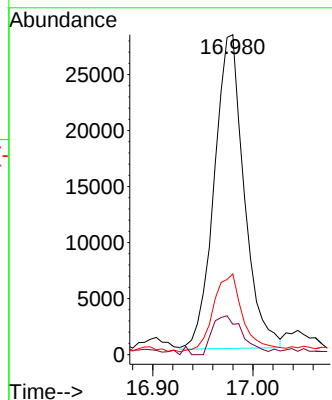
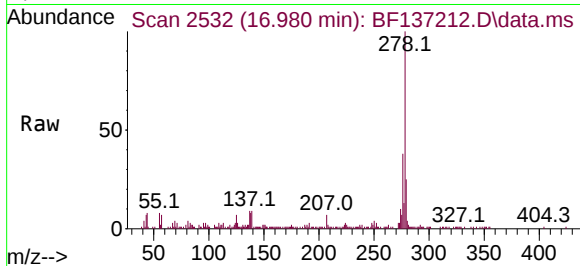




#91
Dibenzo(a,h)anthracene
Concen: 10.066 ng
RT: 16.980 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Instrument :
BNA_F
ClientSampleId :
TR-05-013024MSD

Tgt Ion:278 Resp: 58052
Ion Ratio Lower Upper
278 100
139 9.5 10.0 15.0#
279 25.2 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 13.047 ng
RT: 17.398 min Scan# 2603
Delta R.T. -0.012 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Tgt Ion:276 Resp: 73851
Ion Ratio Lower Upper
276 100
277 23.1 18.4 27.6
138 14.6 11.8 17.8

