

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
 Data File : BF137202.D
 Acq On : 31 Jan 2024 10:59
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 01 01:09:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	52087	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	206242	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	118346	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	228033	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	120425	20.000	ng	0.00
86) Perylene-d12	15.451	264	118310	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	285903	90.572	ng	0.00
7) Phenol-d6	6.428	99	379105	84.155	ng	0.00
23) Nitrobenzene-d5	7.357	82	379814	82.451	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	113513	84.930	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	688405	79.963	ng	0.00
79) Terphenyl-d14	12.915	244	792365	89.448	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.540	88	68192	40.374	ng	97
3) Pyridine	3.298	79	138513	40.979	ng	99
4) n-Nitrosodimethylamine	3.263	42	65876	39.500	ng	98
6) Aniline	6.463	93	213638	44.302	ng	98
8) 2-Chlorophenol	6.575	128	149531	42.366	ng	97
9) Benzaldehyde	6.345	77	79372	46.266	ng	97
10) Phenol	6.439	94	211025	41.967	ng	99
11) bis(2-Chloroethyl)ether	6.534	93	152522	45.388	ng	98
12) 1,3-Dichlorobenzene	6.734	146	171193	41.369	ng	99
13) 1,4-Dichlorobenzene	6.810	146	177710	41.524	ng	98
14) 1,2-Dichlorobenzene	6.963	146	163522	40.865	ng	99
15) Benzyl Alcohol	6.934	79	142929	44.659	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	235224	38.858	ng	99
17) 2-Methylphenol	7.045	107	131436	44.575	ng	96
18) Hexachloroethane	7.304	117	63016	40.826	ng	98
19) n-Nitroso-di-n-propyla...	7.210	70	125923	40.768	ng	97
20) 3+4-Methylphenols	7.198	107	159487	42.726	ng	97
22) Acetophenone	7.204	105	227988	41.062	ng	98
24) Nitrobenzene	7.375	77	185295	41.443	ng	98
25) Isophorone	7.610	82	338603	39.823	ng	97
26) 2-Nitrophenol	7.692	139	63004	36.990	ng	99
27) 2,4-Dimethylphenol	7.728	122	101545	41.782	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	182798	40.484	ng	99
29) 2,4-Dichlorophenol	7.928	162	125972	41.782	ng	100
30) 1,2,4-Trichlorobenzene	8.016	180	151132	40.356	ng	100
31) Naphthalene	8.092	128	446145	40.014	ng	99
32) Benzoic acid	7.845	122	50939	33.163	ng	96
33) 4-Chloroaniline	8.145	127	166679	43.460	ng	98
34) Hexachlorobutadiene	8.210	225	100544	40.377	ng	96
35) Caprolactam	8.516	113	39996	42.663	ng	95
36) 4-Chloro-3-methylphenol	8.622	107	148576	41.723	ng	99
37) 2-Methylnaphthalene	8.786	142	300633	40.219	ng	98
38) 1-Methylnaphthalene	8.880	142	278891	40.170	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	165858	41.884	ng	99
41) Hexachlorocyclopentadiene	8.939	237	79332	42.062	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	95823	42.662	ng	98

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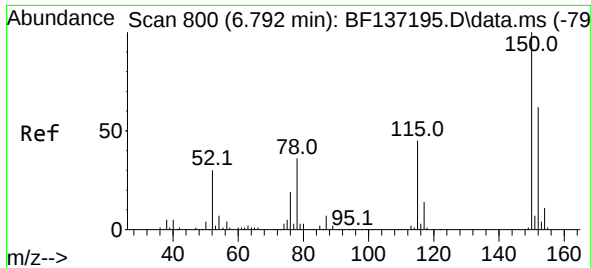
Quant Time: Feb 01 01:09:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	97457	39.696	ng	98
46) 1,1'-Biphenyl	9.251	154	387851	41.191	ng	98
47) 2-Chloronaphthalene	9.275	162	287033	41.191	ng	99
48) 2-Nitroaniline	9.375	65	96948	42.985	ng	96
49) Acenaphthylene	9.692	152	461520	41.371	ng	99
50) Dimethylphthalate	9.557	163	328217	41.052	ng	99
51) 2,6-Dinitrotoluene	9.616	165	72281	42.396	ng	95
52) Acenaphthene	9.863	154	268985	41.026	ng	100
53) 3-Nitroaniline	9.786	138	69935	45.582	ng	99
54) 2,4-Dinitrophenol	9.886	184	22646	37.079	ng	96
55) Dibenzofuran	10.033	168	428551	41.084	ng	99
56) 4-Nitrophenol	9.945	139	46438	39.236	ng	96
57) 2,4-Dinitrotoluene	10.016	165	97315	43.991	ng	# 99
58) Fluorene	10.380	166	331474	40.535	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.110	232	93793	41.059	ng	97
60) Diethylphthalate	10.257	149	324157	41.177	ng	99
61) 4-Chlorophenyl-phenyle...	10.374	204	163209	40.152	ng	97
62) 4-Nitroaniline	10.404	138	68352	46.544	ng	98
63) Azobenzene	10.533	77	355281	40.750	ng	98
65) 4,6-Dinitro-2-methylph...	10.427	198	44396	38.032	ng	82
66) n-Nitrosodiphenylamine	10.492	169	289718	41.785	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	104993	41.873	ng	98
68) Hexachlorobenzene	10.921	284	116288	41.521	ng	97
69) Atrazine	11.027	200	97640	42.658	ng	98
70) Pentachlorophenol	11.121	266	67155	41.828	ng	95
71) Phenanthrene	11.345	178	493382	41.329	ng	100
72) Anthracene	11.398	178	517174	41.564	ng	98
73) Carbazole	11.551	167	434550	41.789	ng	98
74) Di-n-butylphthalate	11.892	149	476097	42.355	ng	99
75) Fluoranthene	12.533	202	513368	41.096	ng	99
77) Benzidine	12.668	184	121896	56.528	ng	98
78) Pyrene	12.763	202	522365	45.137	ng	99
80) Butylbenzylphthalate	13.398	149	126974	42.890	ng	89
81) Benzo(a)anthracene	13.962	228	351908	41.262	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	99627	42.876	ng	97
83) Chrysene	13.998	228	349334	41.663	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	151164	43.889	ng	99
85) Di-n-octyl phthalate	14.586	149	218069	39.819	ng	100
87) Indeno(1,2,3-cd)pyrene	16.951	276	383263	46.110	ng	100
88) Benzo(b)fluoranthene	15.015	252	291020	39.998	ng	99
89) Benzo(k)fluoranthene	15.051	252	299523	38.914	ng	99
90) Benzo(a)pyrene	15.392	252	285626	41.715	ng	97
91) Dibenzo(a,h)anthracene	16.980	278	309308	46.442	ng	98
92) Benzo(g,h,i)perylene	17.403	276	300518	45.973	ng	99

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

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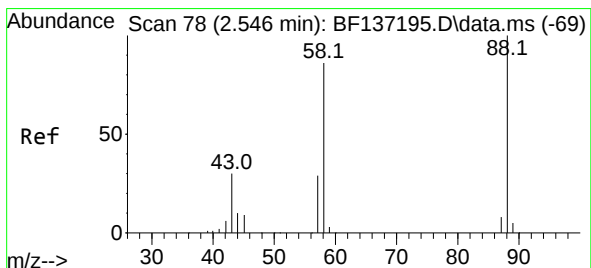
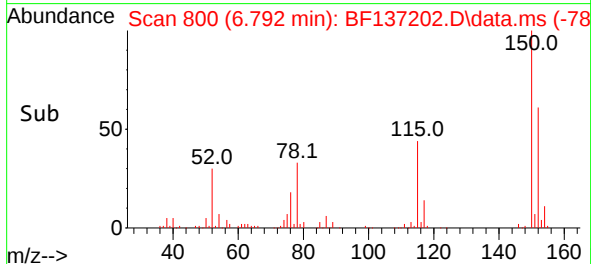
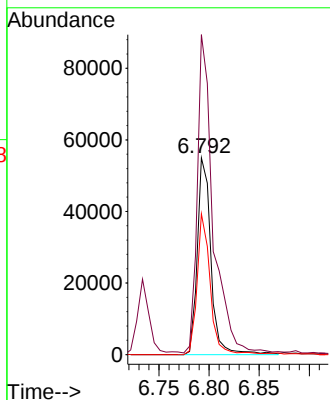
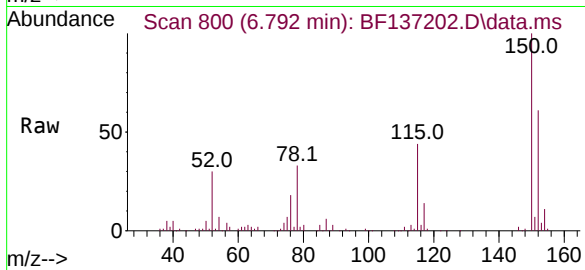




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF137202.D
 Acq: 31 Jan 2024 10:59

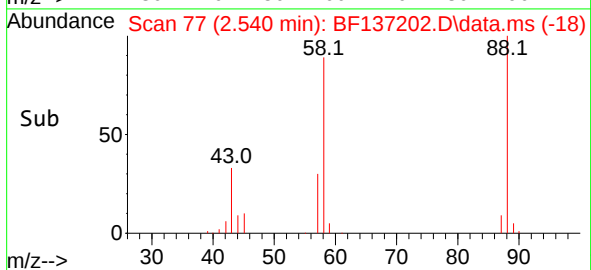
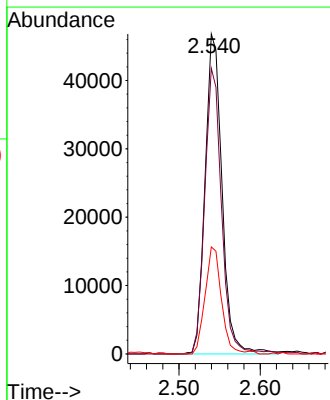
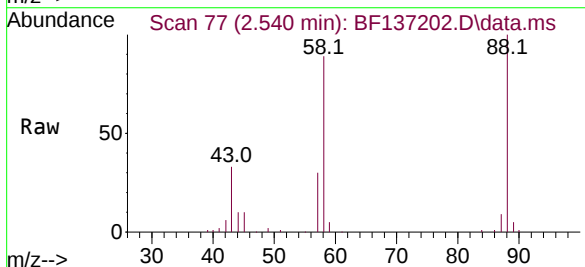
Instrument :
 BNA_F
 ClientSampleId :

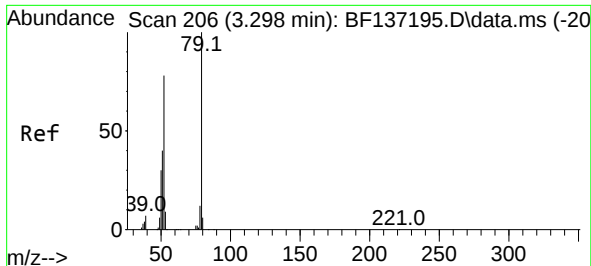
Tgt Ion:152 Resp: 52087
 Ion Ratio Lower Upper
 152 100
 150 162.6 129.8 194.8
 115 71.5 58.5 87.7



#2
 1,4-Dioxane
 Concen: 40.374 ng
 RT: 2.540 min Scan# 77
 Delta R.T. -0.006 min
 Lab File: BF137202.D
 Acq: 31 Jan 2024 10:59

Tgt Ion: 88 Resp: 68192
 Ion Ratio Lower Upper
 88 100
 58 88.6 67.8 101.8
 43 32.4 26.6 40.0

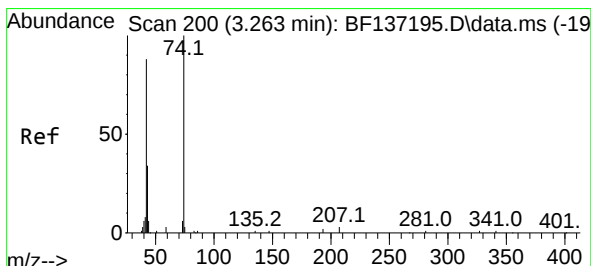
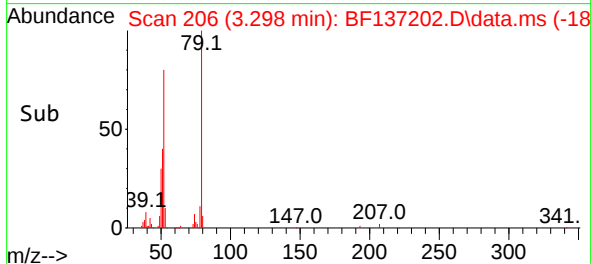
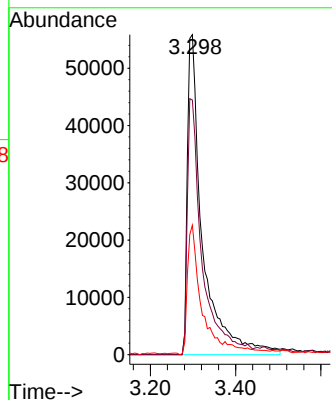
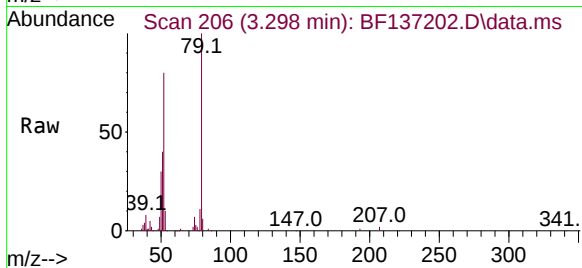




#3
 Pyridine
 Concen: 40.979 ng
 RT: 3.298 min Scan# 206
 Delta R.T. 0.000 min
 Lab File: BF137202.D
 Acq: 31 Jan 2024 10:59

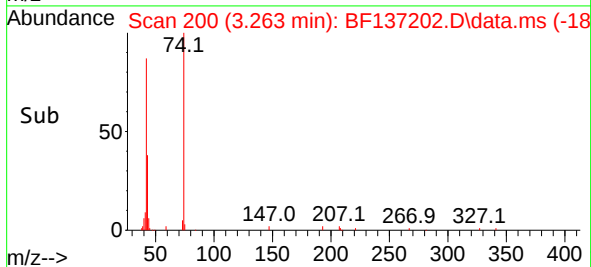
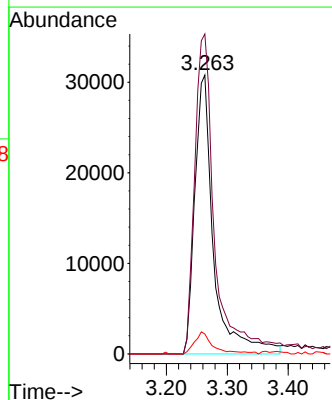
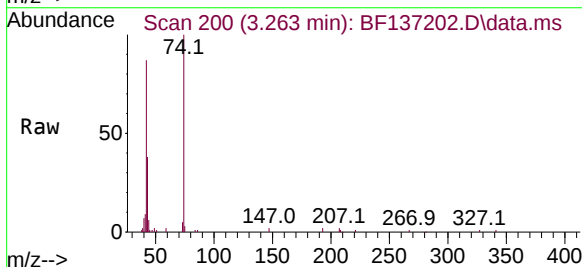
Instrument :
 BNA_F
 ClientSampleId :

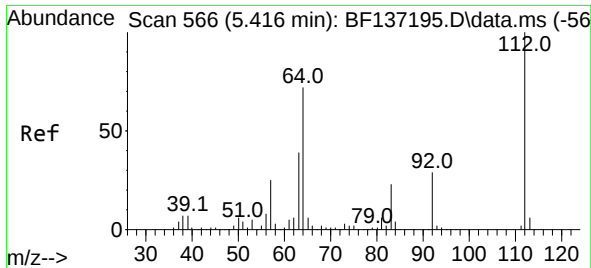
Tgt Ion: 79 Resp: 138513
 Ion Ratio Lower Upper
 79 100
 52 79.6 62.6 94.0
 51 40.4 33.0 49.4



#4
 n-Nitrosodimethylamine
 Concen: 39.500 ng
 RT: 3.263 min Scan# 200
 Delta R.T. 0.000 min
 Lab File: BF137202.D
 Acq: 31 Jan 2024 10:59

Tgt Ion: 42 Resp: 65876
 Ion Ratio Lower Upper
 42 100
 74 114.8 90.5 135.7
 44 7.1 6.1 9.1

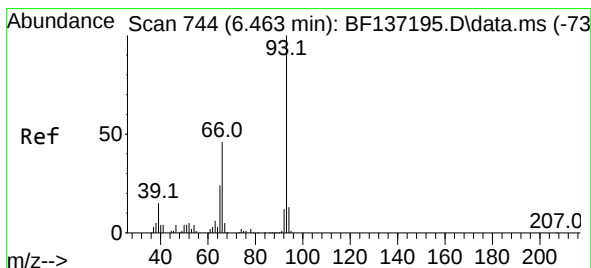
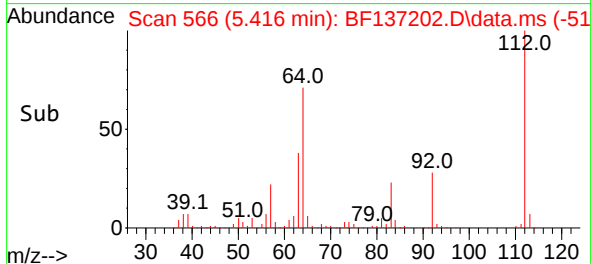
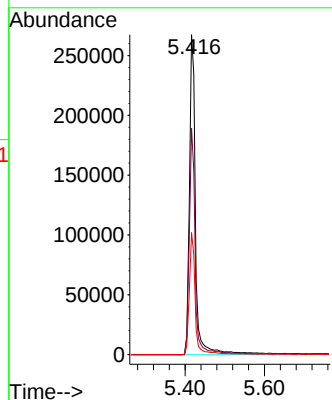
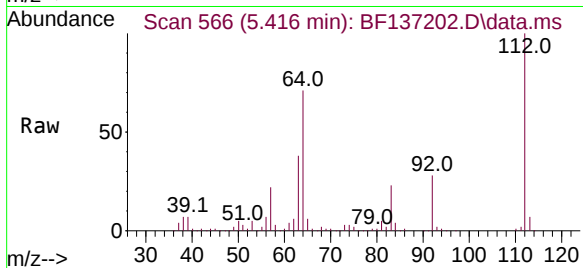




#5
2-Fluorophenol
Concen: 90.572 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.000 min
Lab File: BF137202.D
Acq: 31 Jan 2024 10:59

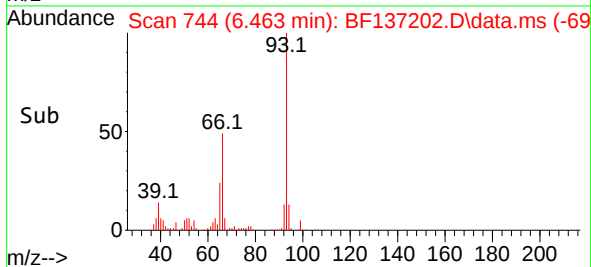
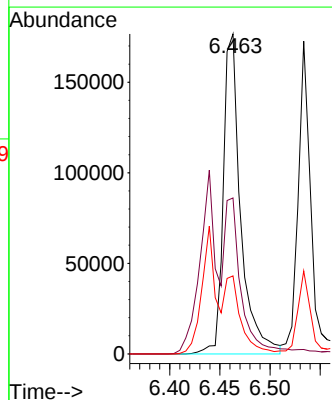
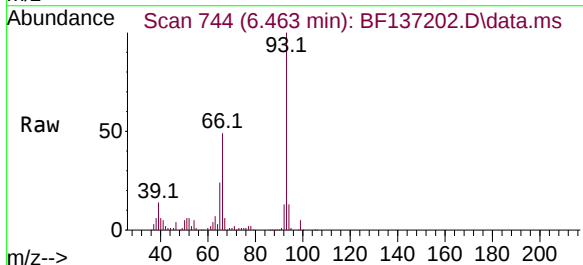
Instrument :
BNA_F
ClientSampleId :

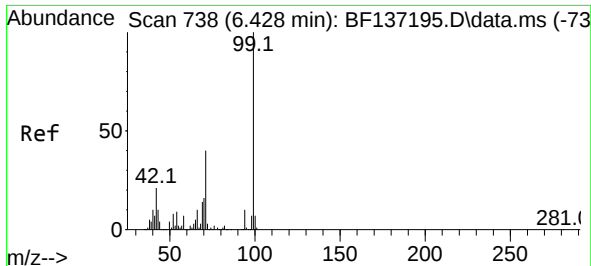
Tgt Ion:112 Resp: 285903
Ion Ratio Lower Upper
112 100
64 70.8 57.8 86.6
63 38.1 31.4 47.0



#6
Aniline
Concen: 44.302 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF137202.D
Acq: 31 Jan 2024 10:59

Tgt Ion: 93 Resp: 213638
Ion Ratio Lower Upper
93 100
66 48.7 37.9 56.9
65 24.4 19.0 28.4





#7

Phenol-d6

Concen: 84.155 ng

RT: 6.428 min Scan# 738

Delta R.T. -0.000 min

Lab File: BF137202.D

Acq: 31 Jan 2024 10:59

Instrument :

BNA_F

ClientSampleId :

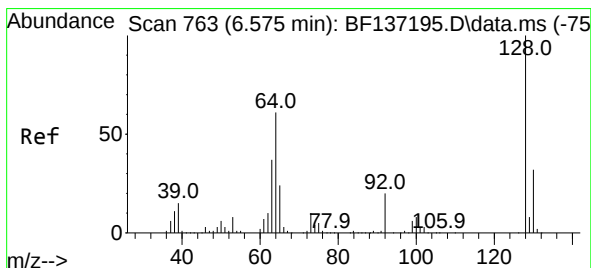
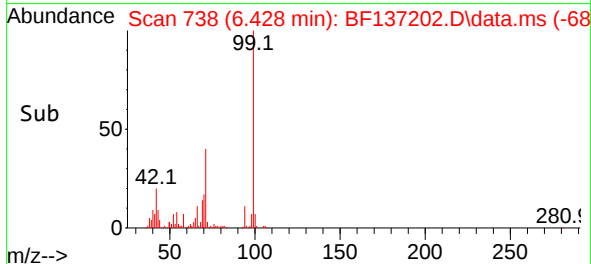
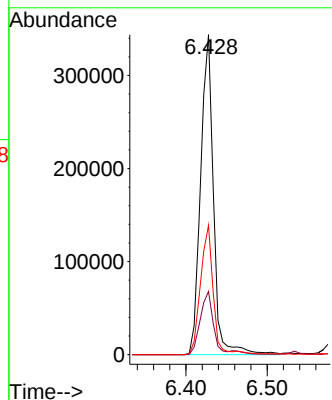
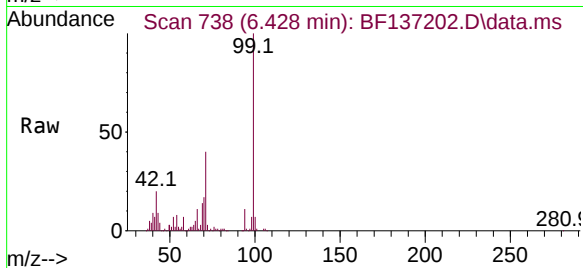
Tgt Ion: 99 Resp: 379105

Ion Ratio Lower Upper

99 100

42 19.7 16.4 24.6

71 40.4 32.4 48.6



#8

2-Chlorophenol

Concen: 42.366 ng

RT: 6.575 min Scan# 763

Delta R.T. -0.000 min

Lab File: BF137202.D

Acq: 31 Jan 2024 10:59

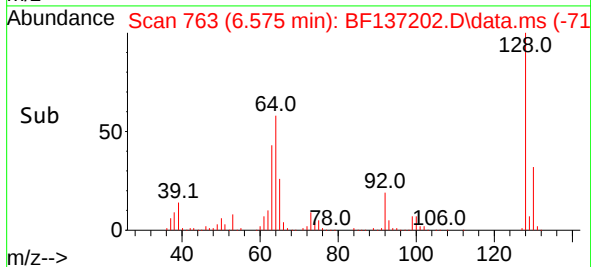
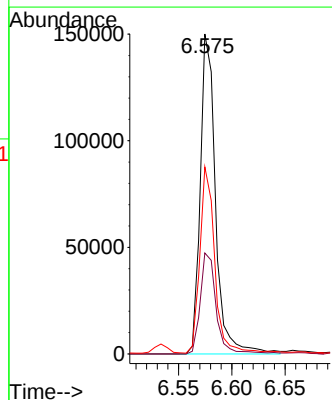
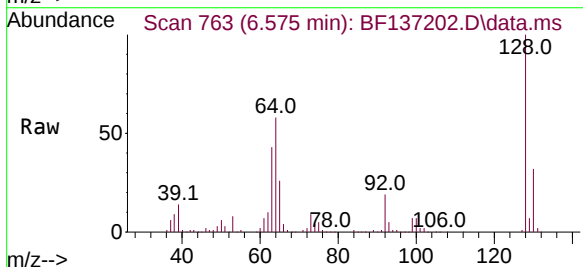
Tgt Ion: 128 Resp: 149531

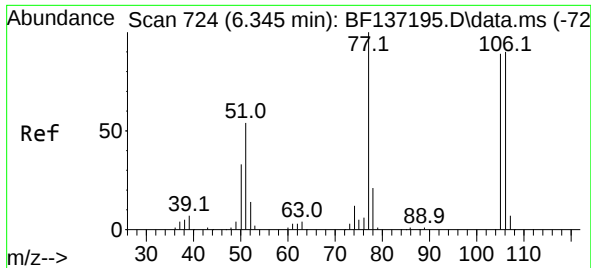
Ion Ratio Lower Upper

128 100

130 31.5 12.4 52.4

64 58.4 41.6 81.6



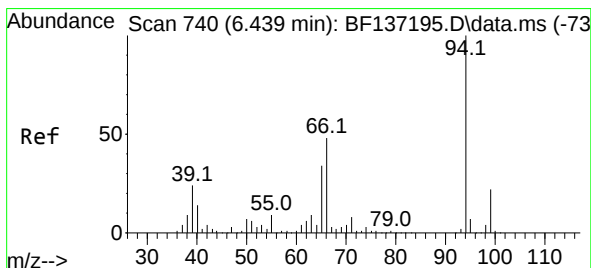
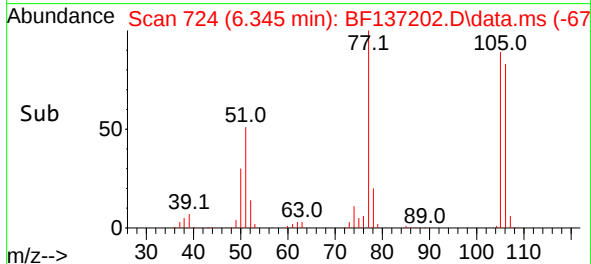
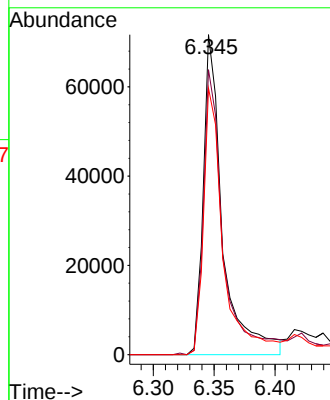
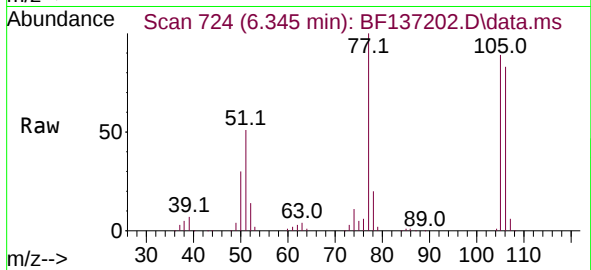


#9
Benzaldehyde
Concen: 46.266 ng
RT: 6.345 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137202.D
Acq: 31 Jan 2024 10:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 79372

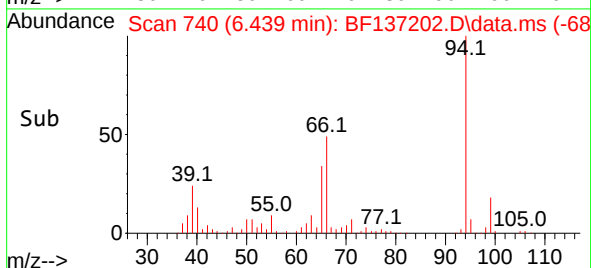
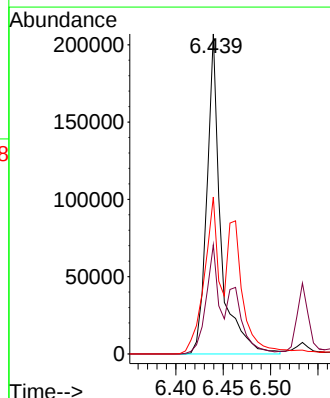
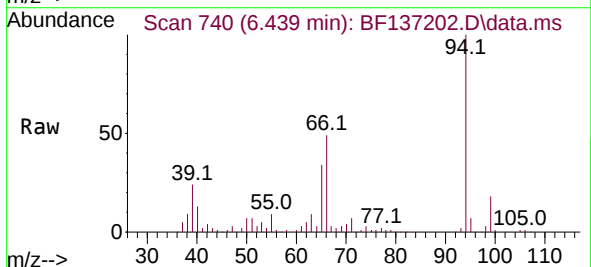
Ion	Ratio	Lower	Upper
77	100		
105	89.0	69.1	109.1
106	83.2	69.6	109.6

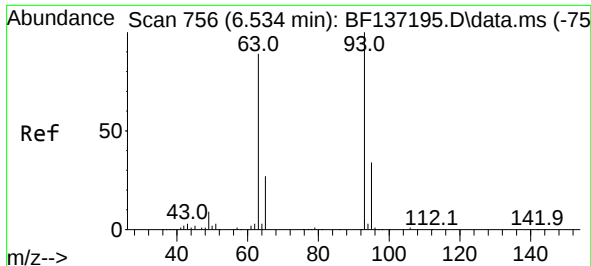


#10
Phenol
Concen: 41.967 ng
RT: 6.439 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF137202.D
Acq: 31 Jan 2024 10:59

Tgt Ion: 94 Resp: 211025

Ion	Ratio	Lower	Upper
94	100		
65	34.1	13.7	53.7
66	49.0	27.8	67.8

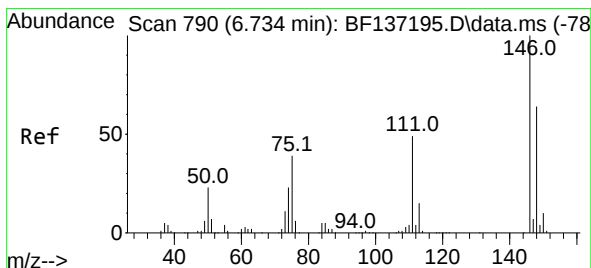
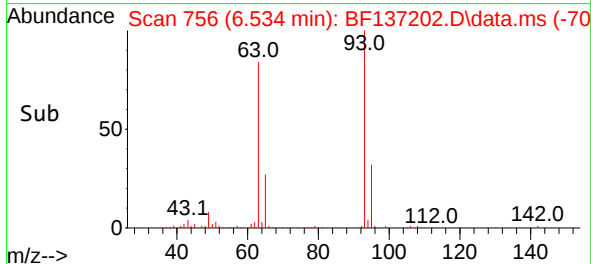
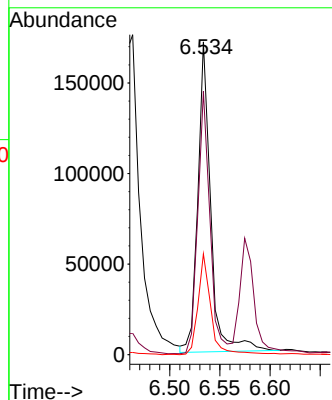
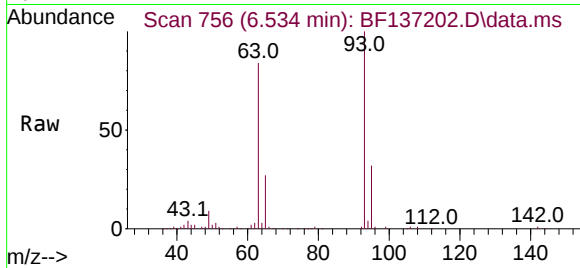




#11
bis(2-Chloroethyl)ether
Concen: 45.388 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF137202.D
Acq: 31 Jan 2024 10:59

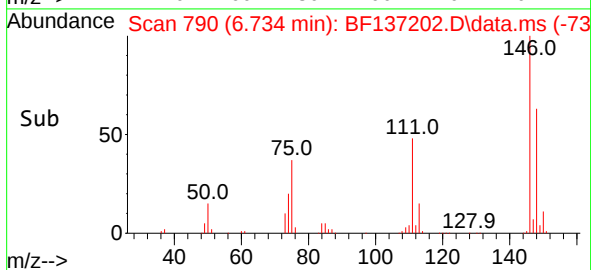
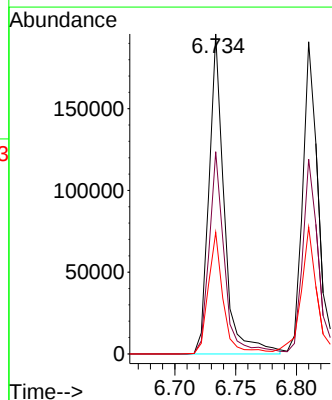
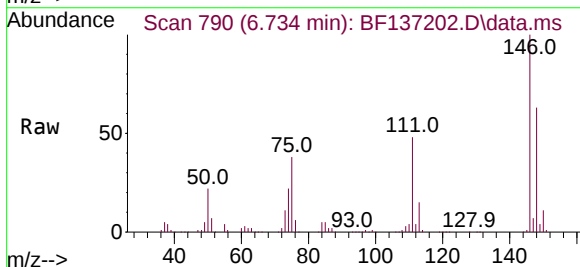
Instrument :
BNA_F
ClientSampleId :

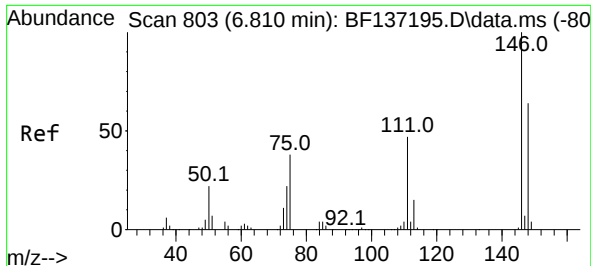
Tgt Ion: 93 Resp: 152522
Ion Ratio Lower Upper
93 100
63 84.2 66.7 106.7
95 32.2 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 41.369 ng
RT: 6.734 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF137202.D
Acq: 31 Jan 2024 10:59

Tgt Ion: 146 Resp: 171193
Ion Ratio Lower Upper
146 100
148 63.2 51.4 77.0
75 38.0 31.3 46.9

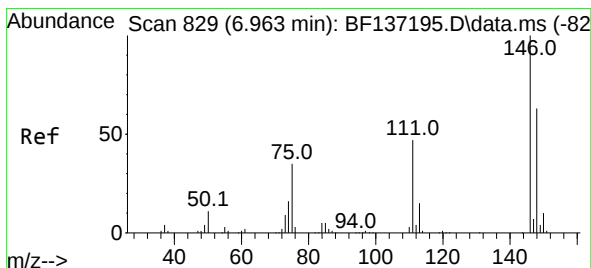
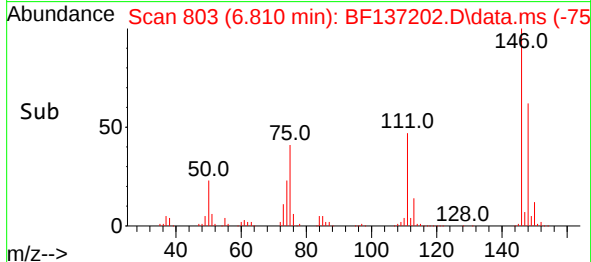
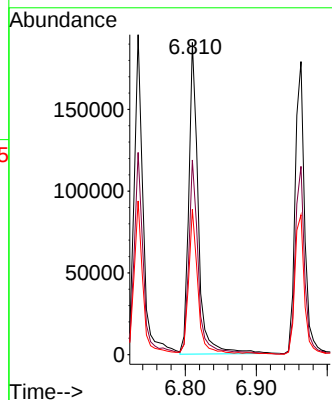
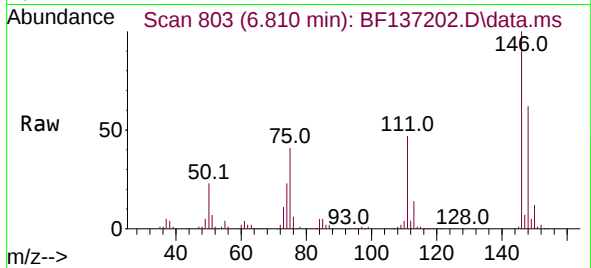




#13
1,4-Dichlorobenzene
Concen: 41.524 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF137202.D
Acq: 31 Jan 2024 10:59

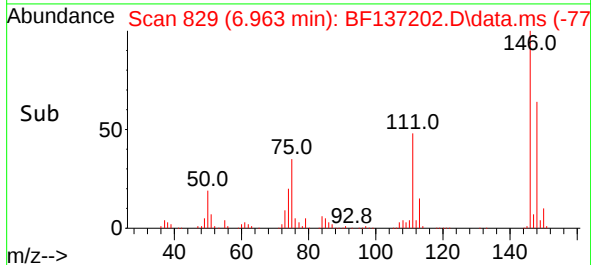
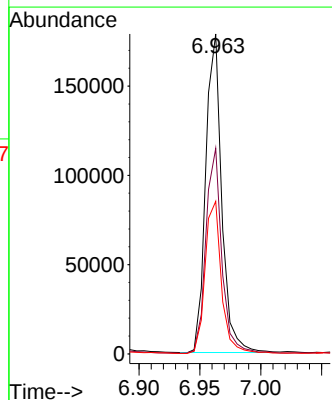
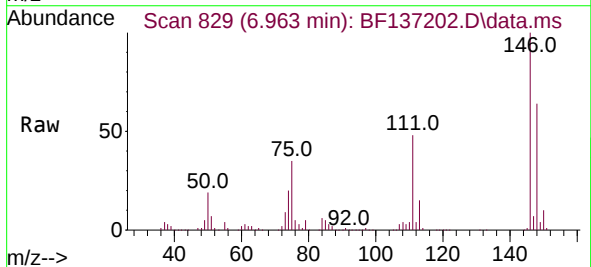
Instrument :
BNA_F
ClientSampleId :

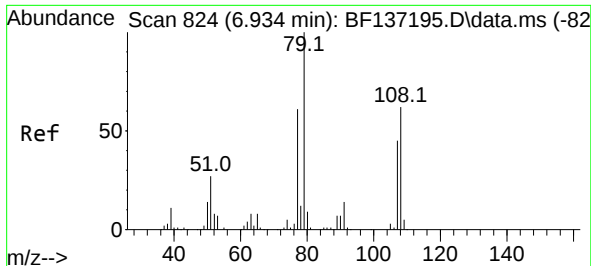
Tgt Ion:146 Resp: 177710
Ion Ratio Lower Upper
146 100
148 62.4 51.5 77.3
111 46.5 38.1 57.1



#14
1,2-Dichlorobenzene
Concen: 40.865 ng
RT: 6.963 min Scan# 829
Delta R.T. 0.000 min
Lab File: BF137202.D
Acq: 31 Jan 2024 10:59

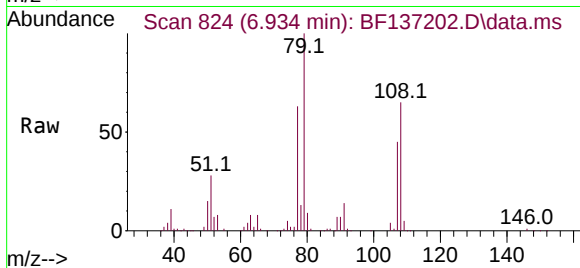
Tgt Ion:146 Resp: 163522
Ion Ratio Lower Upper
146 100
148 64.2 50.6 75.8
111 47.7 37.3 55.9



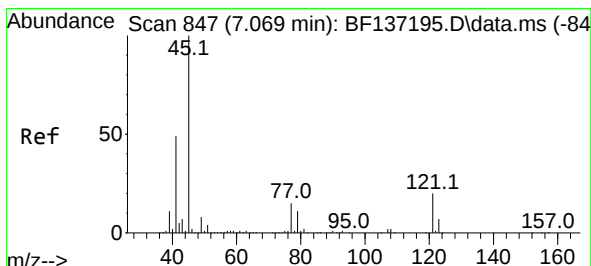
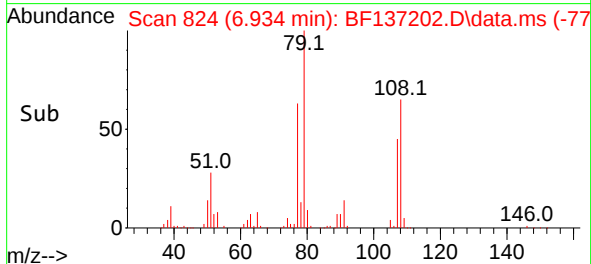
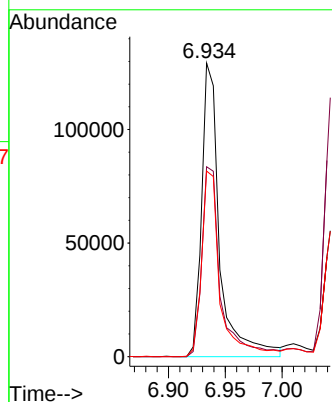


#15
Benzyl Alcohol
Concen: 44.659 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF137202.D
Acq: 31 Jan 2024 10:59

Instrument :
BNA_F
ClientSampleId :

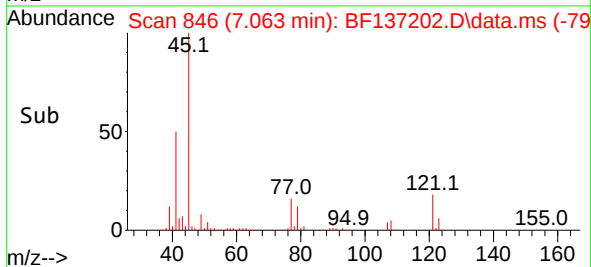
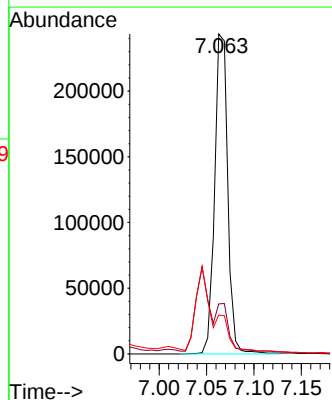
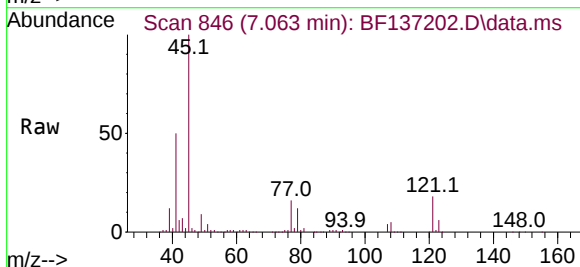


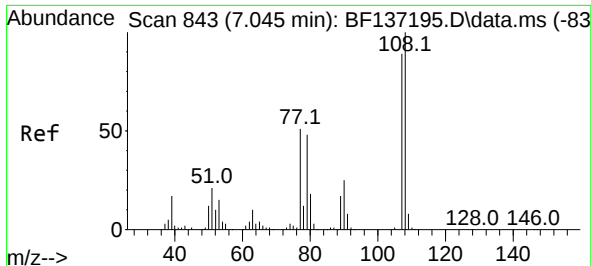
Tgt Ion: 79 Resp: 142929
Ion Ratio Lower Upper
79 100
108 64.7 49.3 73.9
77 63.2 48.8 73.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.858 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF137202.D
Acq: 31 Jan 2024 10:59

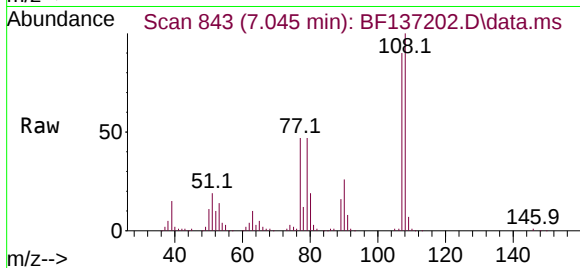
Tgt Ion: 45 Resp: 235224
Ion Ratio Lower Upper
45 100
77 15.6 0.0 35.9
79 12.1 0.0 32.4



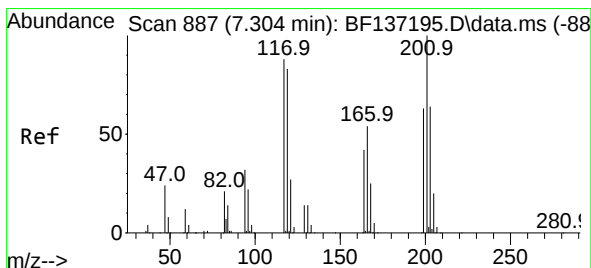
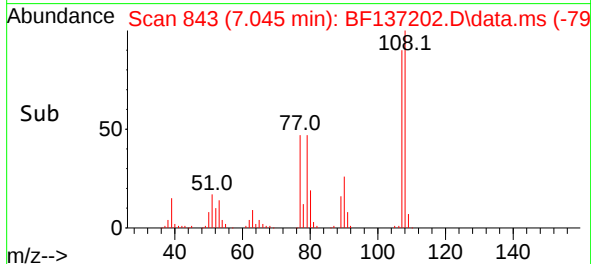
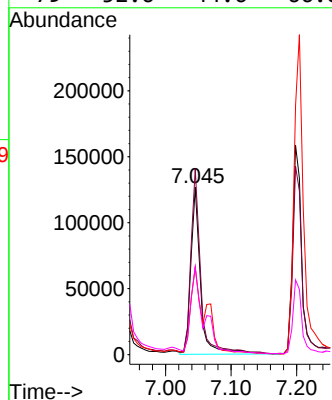


#17
2-Methylphenol
Concen: 44.575 ng
RT: 7.045 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF137202.D
Acq: 31 Jan 2024 10:59

Instrument :
BNA_F
ClientSampleId :

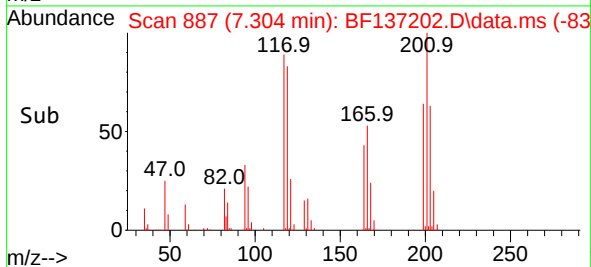
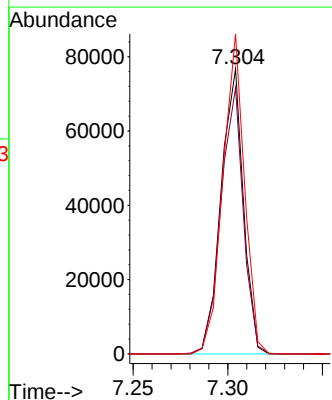
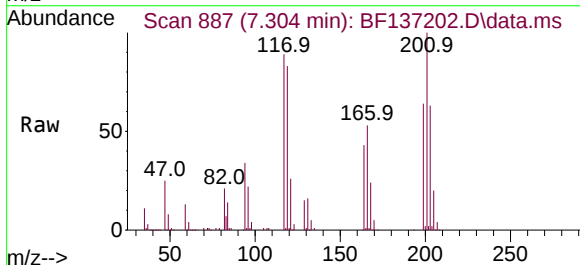


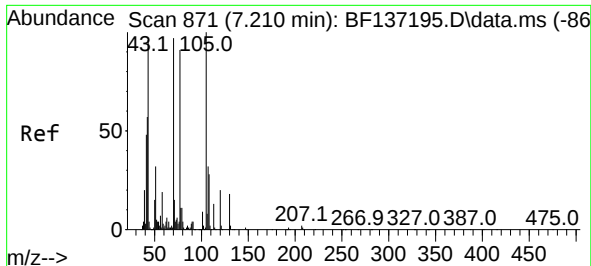
Tgt Ion:	107	Resp:	131436
Ion	Ratio	Lower	Upper
107	100		
108	111.1	89.9	134.9
77	52.1	46.6	69.8
79	52.6	44.6	66.8



#18
Hexachloroethane
Concen: 40.826 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF137202.D
Acq: 31 Jan 2024 10:59

Tgt Ion:	117	Resp:	63016
Ion	Ratio	Lower	Upper
117	100		
119	93.4	76.2	114.4
201	112.3	91.4	137.0



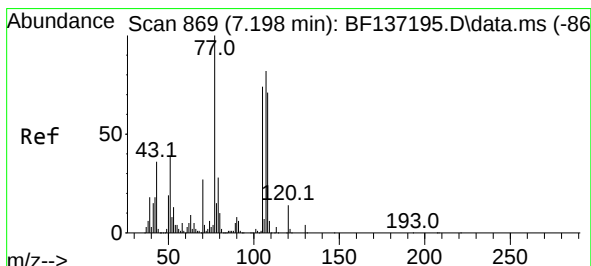
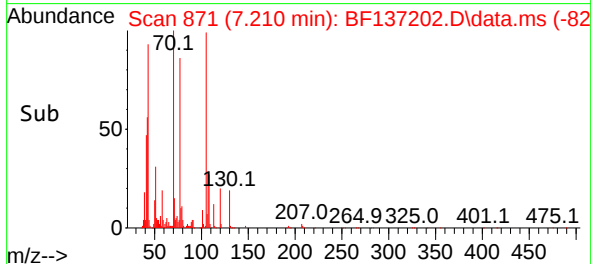
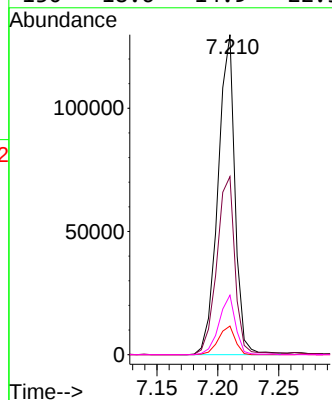
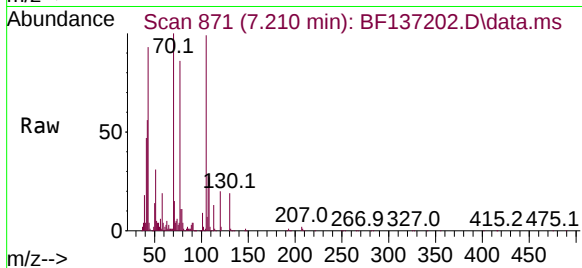


#19
n-Nitroso-di-n-propylamine
Concen: 40.768 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF137202.D
Acq: 31 Jan 2024 10:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 125923

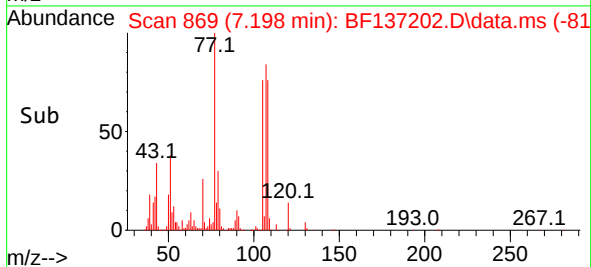
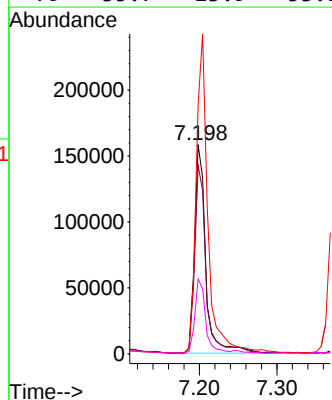
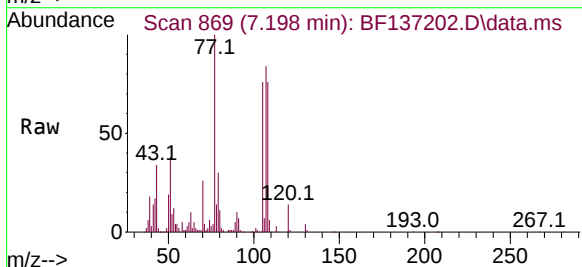
Ion	Ratio	Lower	Upper
70	100		
42	55.7	47.2	70.8
101	9.0	7.4	11.0
130	18.6	14.9	22.3

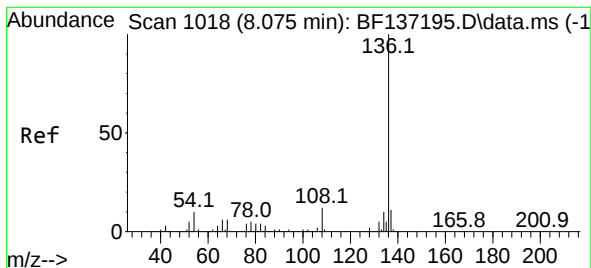


#20
3+4-Methylphenols
Concen: 42.726 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF137202.D
Acq: 31 Jan 2024 10:59

Tgt Ion: 107 Resp: 159487

Ion	Ratio	Lower	Upper
107	100		
108	90.0	66.3	106.3
77	119.0	101.4	141.4
79	35.7	13.9	53.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 10

Delta R.T. -0.000 min

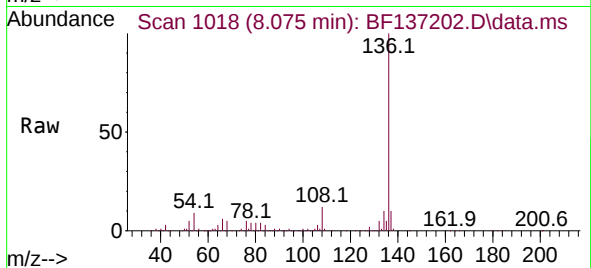
Lab File: BF137202.D

Acq: 31 Jan 2024 10:59

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 206242

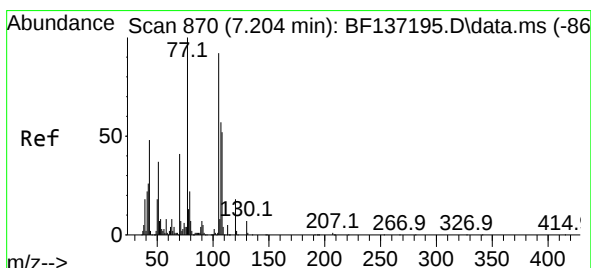
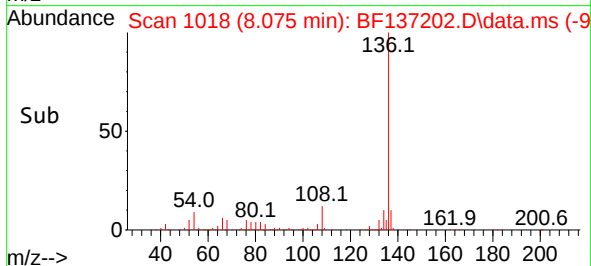
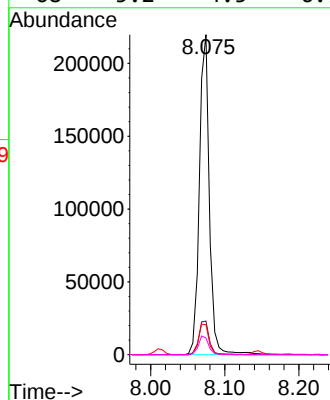
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 9.3 7.8 11.8

68 5.2 4.5 6.7



#22

Acetophenone

Concen: 41.062 ng

RT: 7.204 min Scan# 870

Delta R.T. -0.000 min

Lab File: BF137202.D

Acq: 31 Jan 2024 10:59

Tgt Ion:105 Resp: 227988

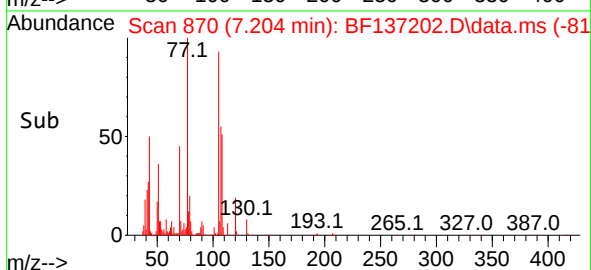
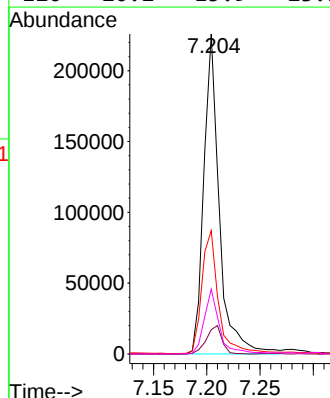
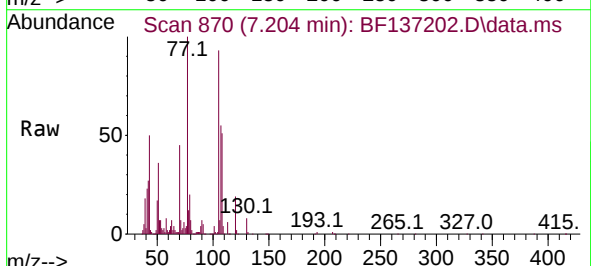
Ion Ratio Lower Upper

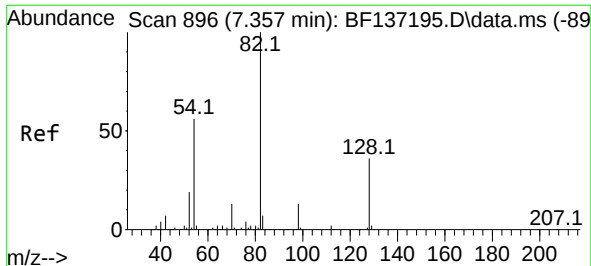
105 100

71 7.6 5.7 8.5

51 38.5 32.2 48.4

120 20.2 15.9 23.9

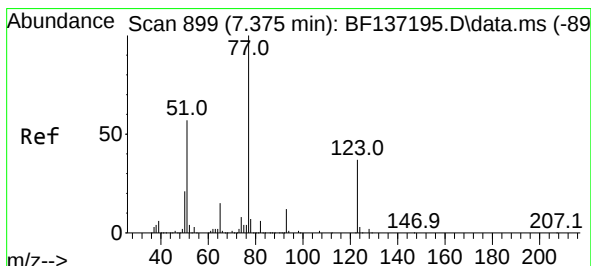
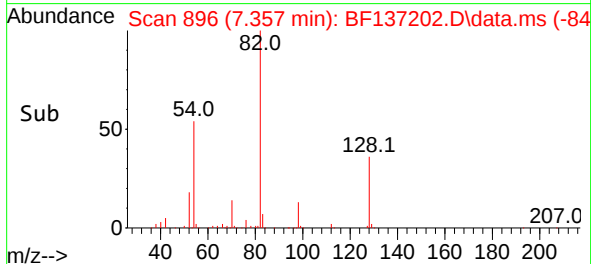
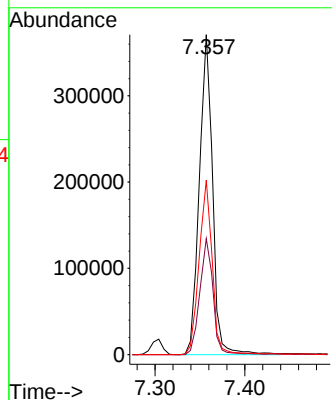
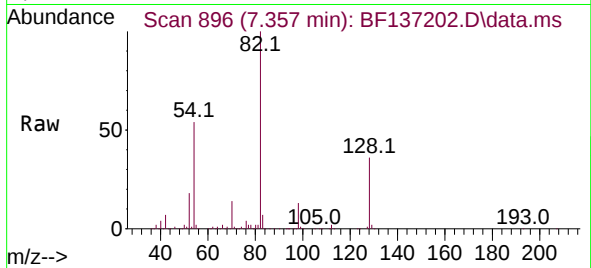




#23
Nitrobenzene-d5
Concen: 82.451 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.000 min
Lab File: BF137202.D
Acq: 31 Jan 2024 10:59

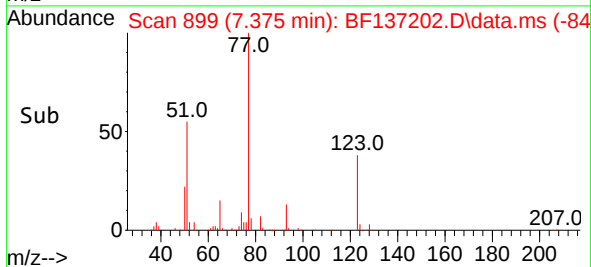
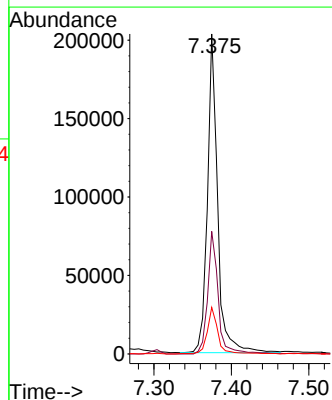
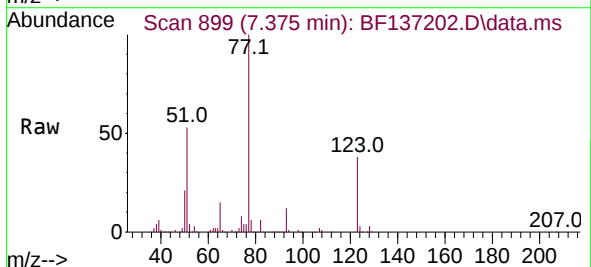
Instrument :
BNA_F
ClientSampleId :

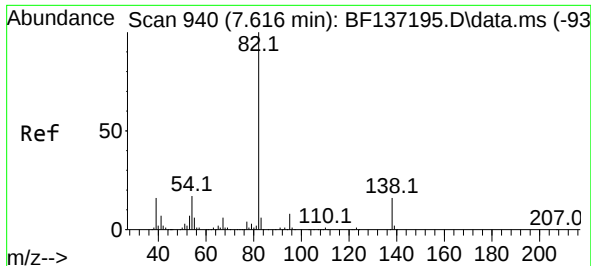
Tgt Ion: 82 Resp: 379814
Ion Ratio Lower Upper
82 100
128 36.2 29.1 43.7
54 54.5 45.0 67.6



#24
Nitrobenzene
Concen: 41.443 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF137202.D
Acq: 31 Jan 2024 10:59

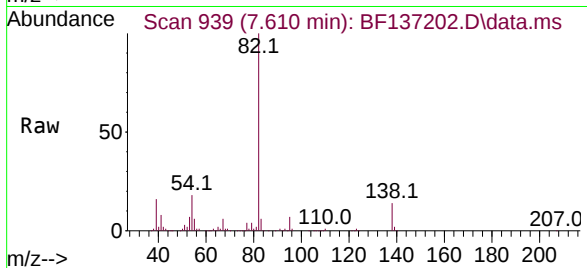
Tgt Ion: 77 Resp: 185295
Ion Ratio Lower Upper
77 100
123 38.3 29.3 43.9
65 14.5 12.0 18.0



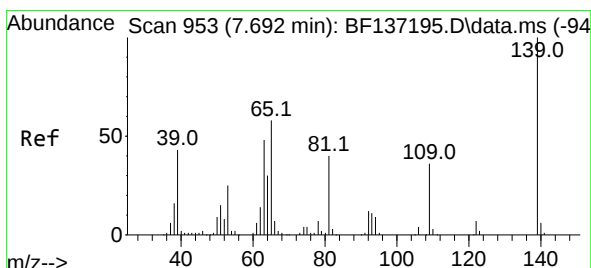
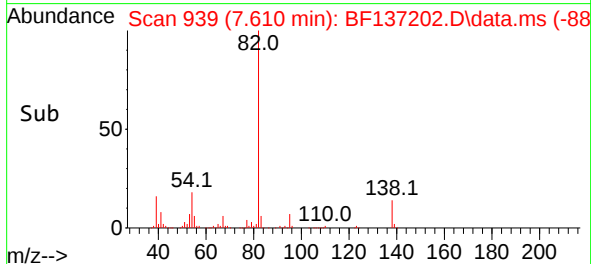
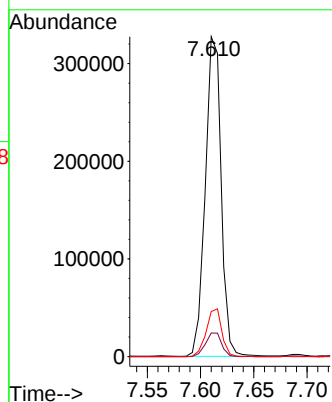


#25
Isophorone
Concen: 39.823 ng
RT: 7.610 min Scan# 939
Delta R.T. -0.006 min
Lab File: BF137202.D
Acq: 31 Jan 2024 10:59

Instrument :
BNA_F
ClientSampleId :

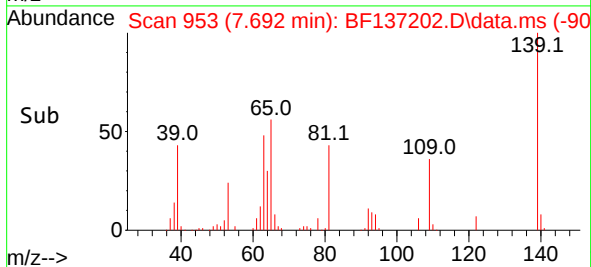
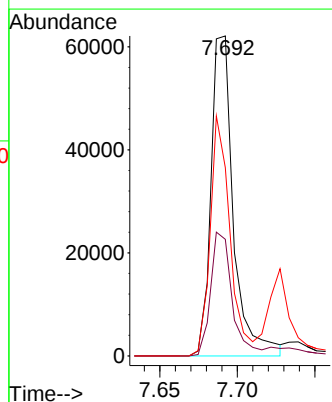
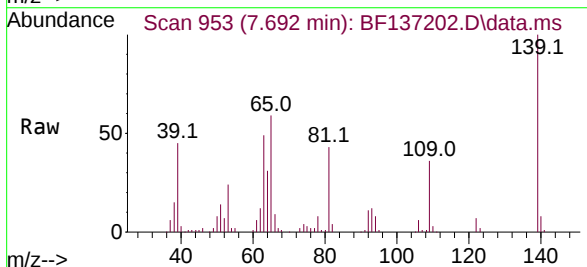


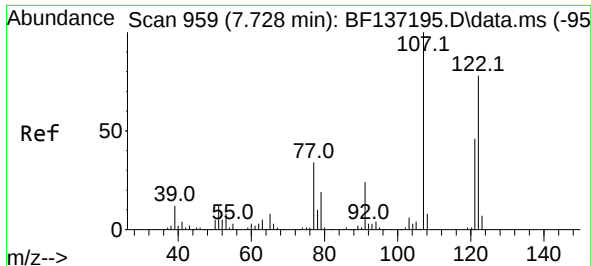
Tgt Ion: 82 Resp: 338603
Ion Ratio Lower Upper
82 100
95 7.4 6.4 9.6
138 14.1 12.7 19.1



#26
2-Nitrophenol
Concen: 36.990 ng
RT: 7.692 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF137202.D
Acq: 31 Jan 2024 10:59

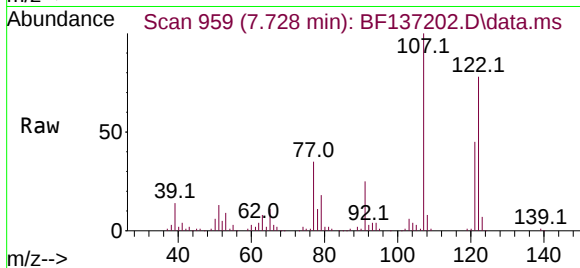
Tgt Ion: 139 Resp: 63004
Ion Ratio Lower Upper
139 100
109 36.4 28.5 42.7
65 58.8 46.7 70.1



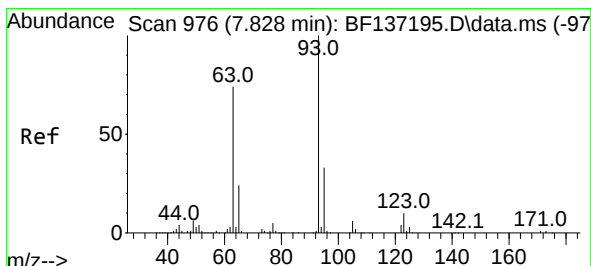
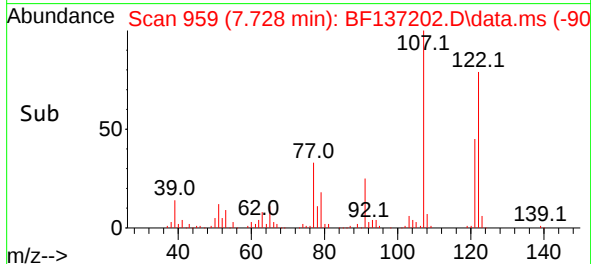
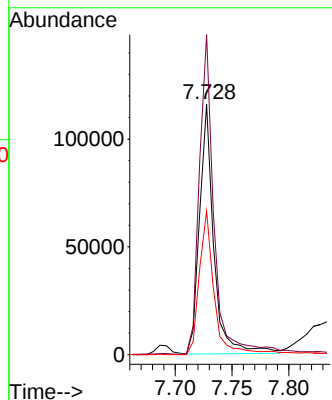


#27
2,4-Dimethylphenol
Concen: 41.782 ng
RT: 7.728 min Scan# 915
Delta R.T. -0.000 min
Lab File: BF137202.D
Acq: 31 Jan 2024 10:59

Instrument :
BNA_F
ClientSampleId :

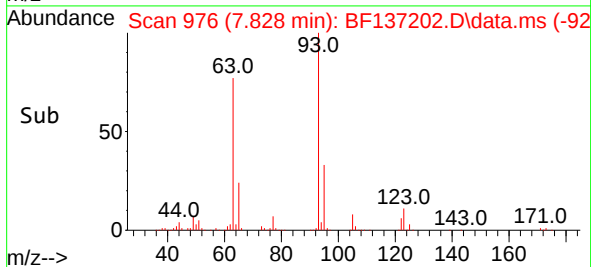
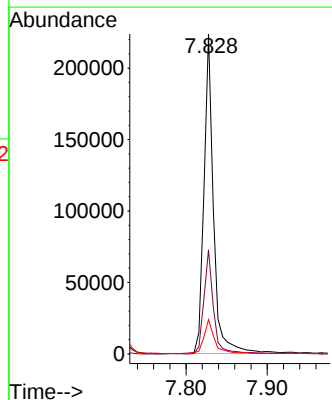
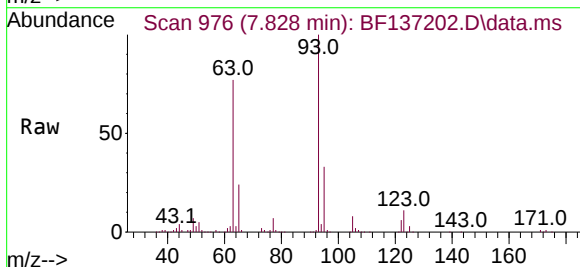


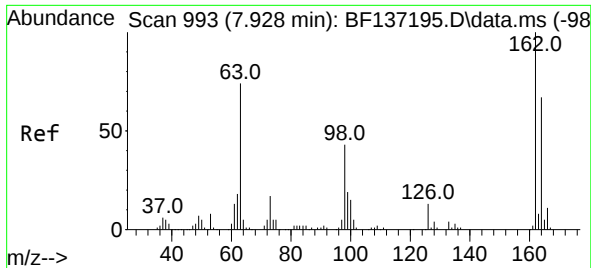
Tgt Ion:122 Resp: 101545
Ion Ratio Lower Upper
122 100
107 127.8 101.8 152.6
121 57.3 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 40.484 ng
RT: 7.828 min Scan# 976
Delta R.T. 0.000 min
Lab File: BF137202.D
Acq: 31 Jan 2024 10:59

Tgt Ion: 93 Resp: 182798
Ion Ratio Lower Upper
93 100
95 32.5 26.1 39.1
123 10.7 7.8 11.8





#29

2,4-Dichlorophenol

Concen: 41.782 ng

RT: 7.928 min Scan# 993

Delta R.T. -0.000 min

Lab File: BF137202.D

Acq: 31 Jan 2024 10:59

Instrument :

BNA_F

ClientSampleId :

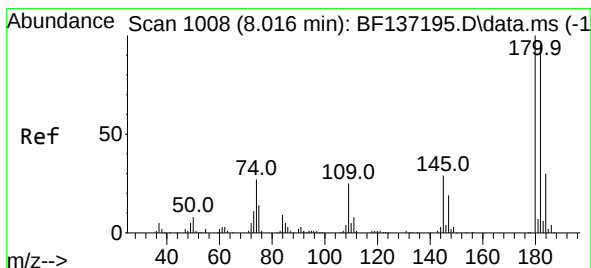
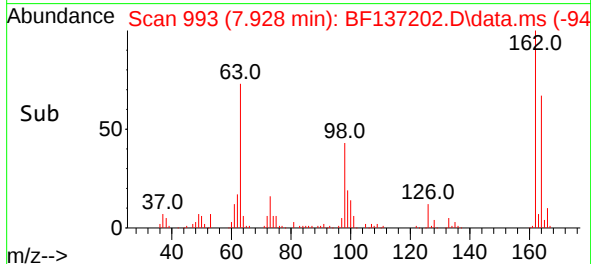
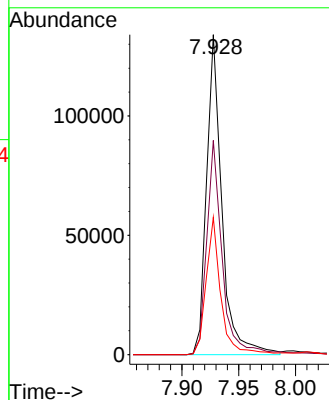
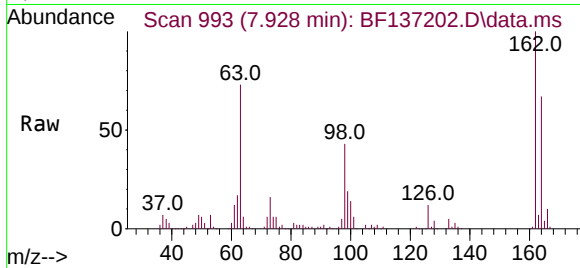
Tgt Ion:162 Resp: 125972

Ion Ratio Lower Upper

162 100

164 66.9 46.7 86.7

98 42.9 22.9 62.9



#30

1,2,4-Trichlorobenzene

Concen: 40.356 ng

RT: 8.016 min Scan# 1008

Delta R.T. -0.000 min

Lab File: BF137202.D

Acq: 31 Jan 2024 10:59

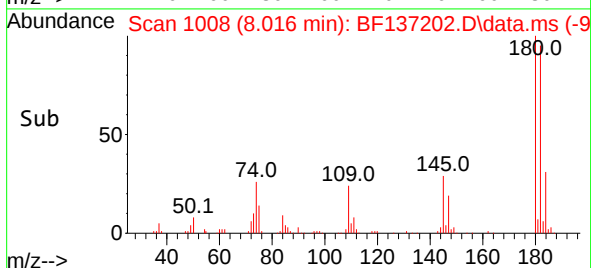
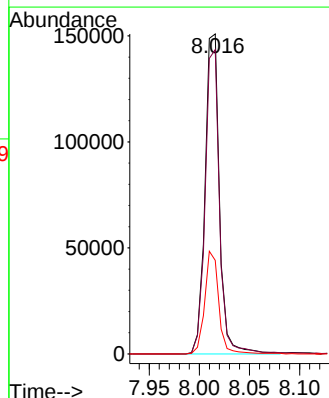
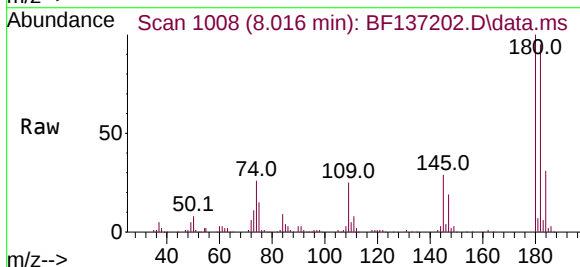
Tgt Ion:180 Resp: 151132

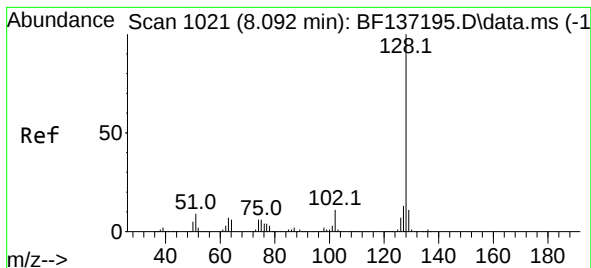
Ion Ratio Lower Upper

180 100

182 95.1 75.9 113.9

145 29.2 23.2 34.8





#31

Naphthalene

Concen: 40.014 ng

RT: 8.092 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF137202.D

Acq: 31 Jan 2024 10:59

Instrument :

BNA_F

ClientSampleId :

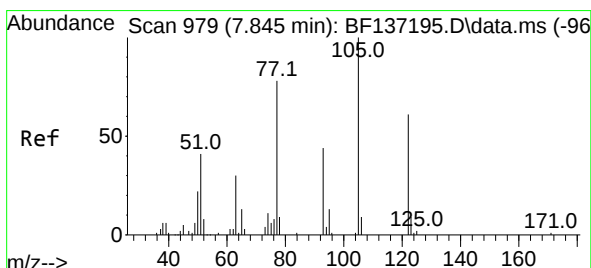
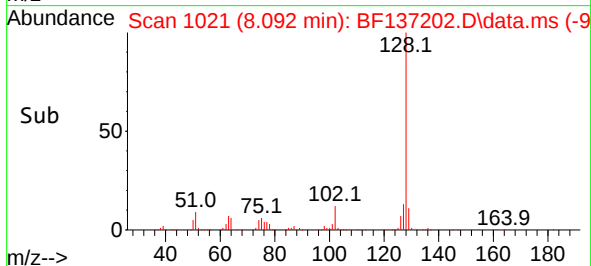
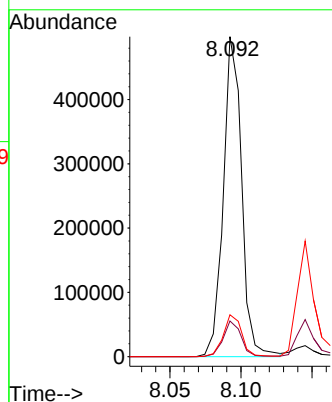
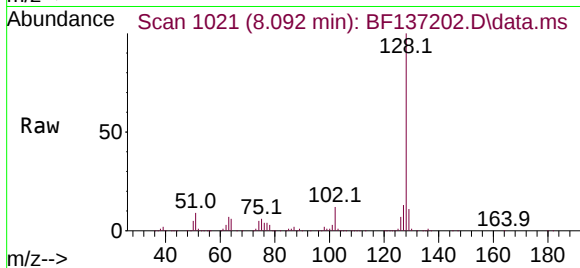
Tgt Ion:128 Resp: 446145

Ion Ratio Lower Upper

128 100

129 11.1 8.5 12.7

127 13.1 10.5 15.7



#32

Benzoic acid

Concen: 33.163 ng

RT: 7.845 min Scan# 979

Delta R.T. 0.000 min

Lab File: BF137202.D

Acq: 31 Jan 2024 10:59

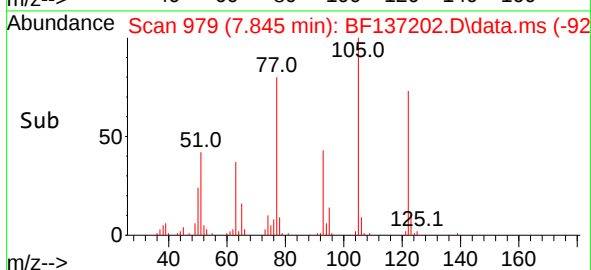
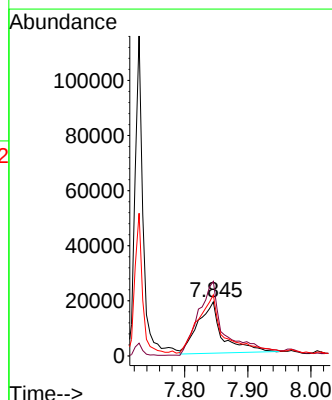
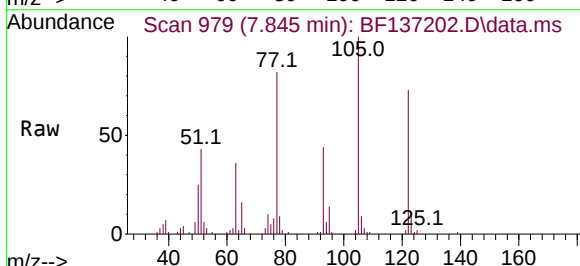
Tgt Ion:122 Resp: 50939

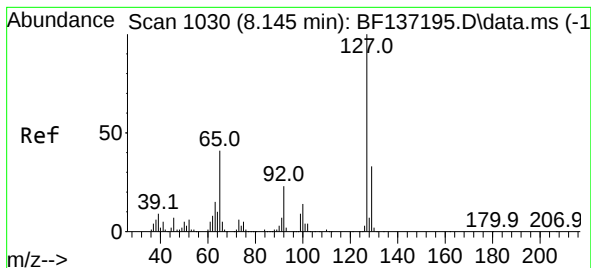
Ion Ratio Lower Upper

122 100

105 137.7 122.5 162.5

77 112.8 96.4 136.4





#33

4-Chloroaniline

Concen: 43.460 ng

RT: 8.145 min Scan# 1030

Delta R.T. 0.000 min

Lab File: BF137202.D

Acq: 31 Jan 2024 10:59

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:127 Resp: 166679

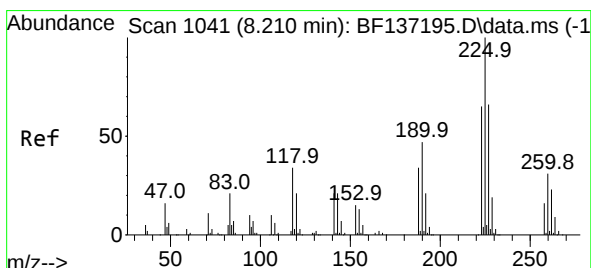
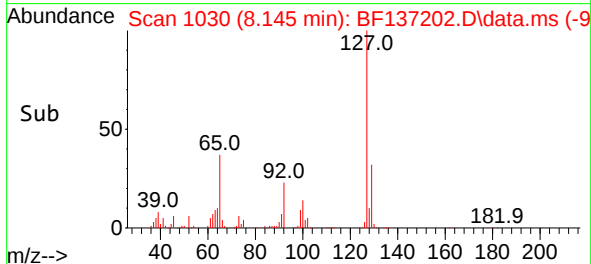
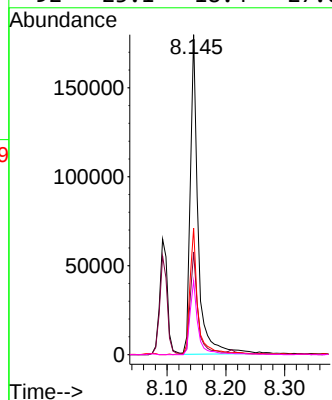
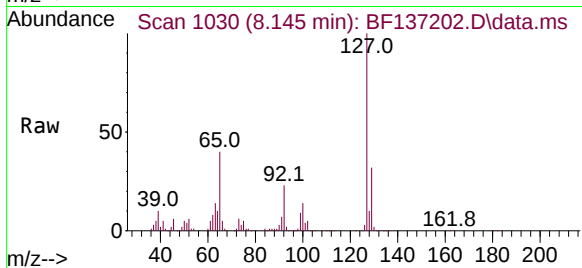
Ion Ratio Lower Upper

127 100

129 32.1 26.8 40.2

65 39.5 32.9 49.3

92 23.1 18.4 27.6



#34

Hexachlorobutadiene

Concen: 40.377 ng

RT: 8.210 min Scan# 1041

Delta R.T. -0.000 min

Lab File: BF137202.D

Acq: 31 Jan 2024 10:59

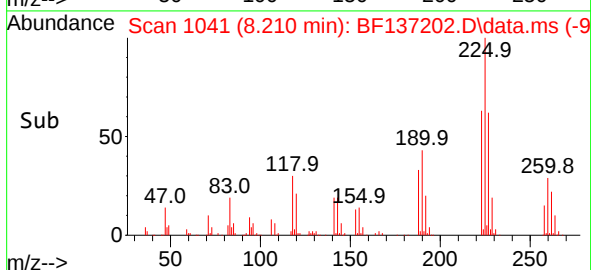
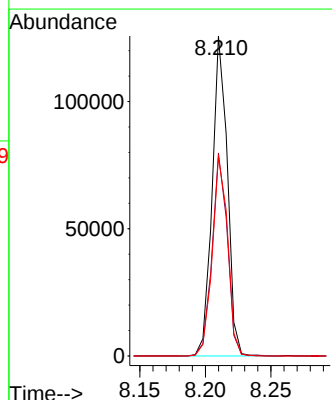
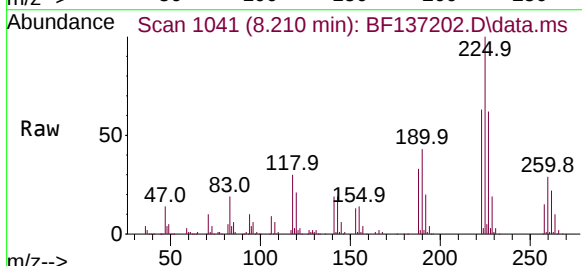
Tgt Ion:225 Resp: 100544

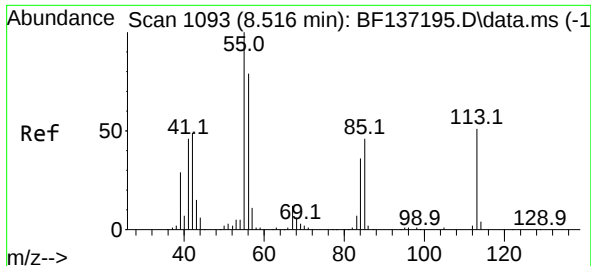
Ion Ratio Lower Upper

225 100

223 63.3 52.0 78.0

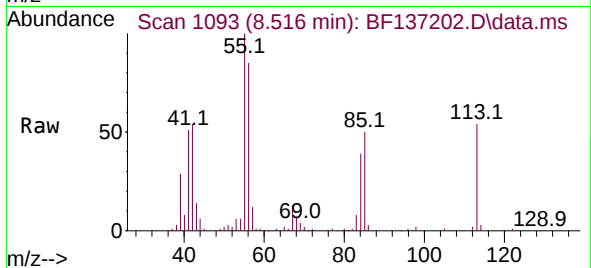
227 62.2 52.9 79.3



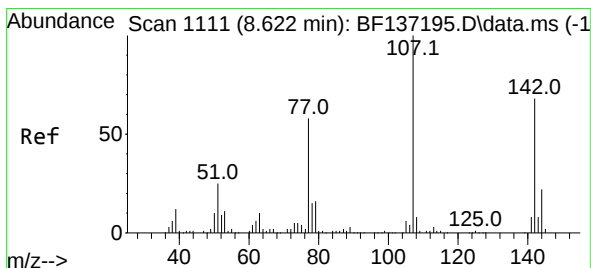
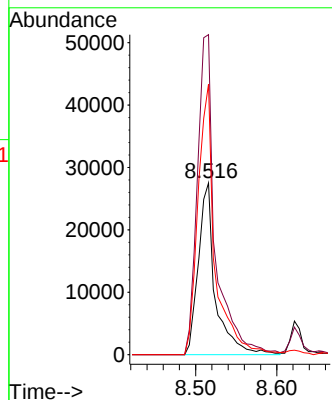
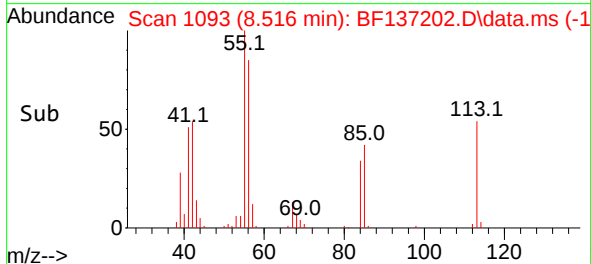


#35
 Caprolactam
 Concen: 42.663 ng
 RT: 8.516 min Scan# 1093
 Delta R.T. -0.000 min
 Lab File: BF137202.D
 Acq: 31 Jan 2024 10:59

Instrument :
 BNA_F
 ClientSampleId :

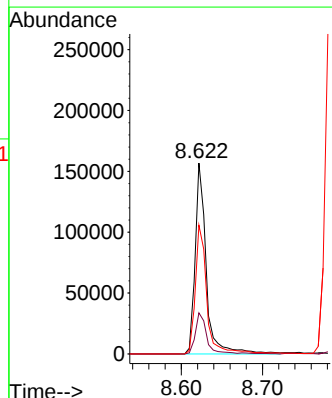
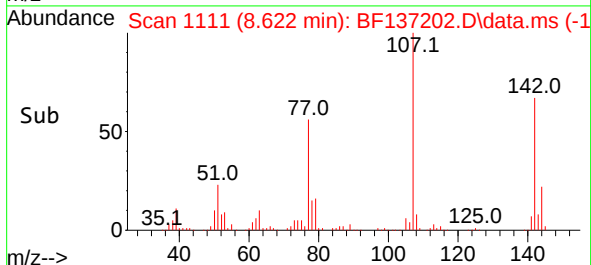
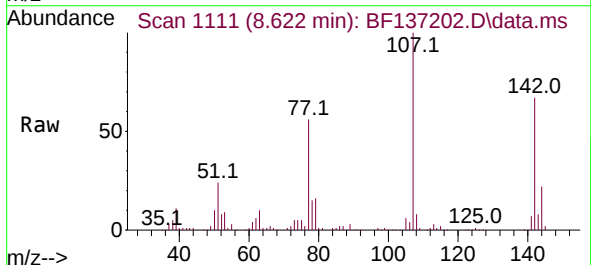


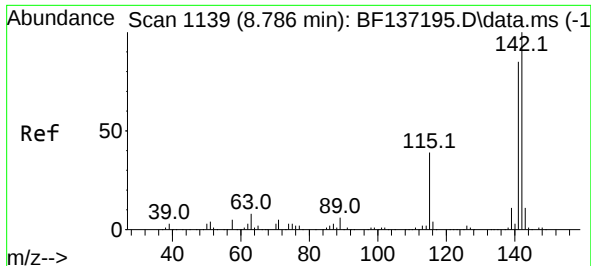
Tgt Ion:113 Resp: 39996
 Ion Ratio Lower Upper
 113 100
 55 186.5 176.0 216.0
 56 157.6 134.0 174.0



#36
 4-Chloro-3-methylphenol
 Concen: 41.723 ng
 RT: 8.622 min Scan# 1111
 Delta R.T. 0.000 min
 Lab File: BF137202.D
 Acq: 31 Jan 2024 10:59

Tgt Ion:107 Resp: 148576
 Ion Ratio Lower Upper
 107 100
 144 21.6 17.2 25.8
 142 67.4 54.6 82.0





#37

2-Methylnaphthalene

Concen: 40.219 ng

RT: 8.786 min Scan# 1139

Delta R.T. -0.000 min

Lab File: BF137202.D

Acq: 31 Jan 2024 10:59

Instrument :

BNA_F

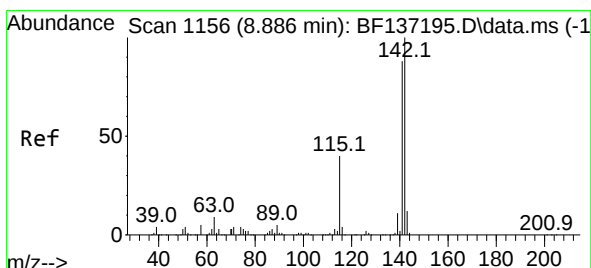
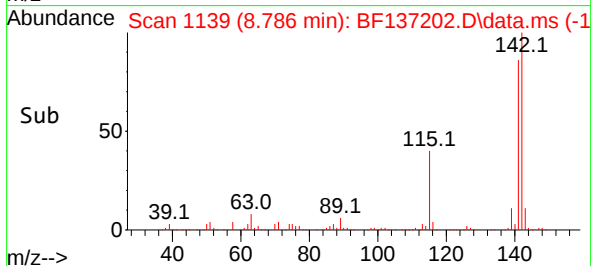
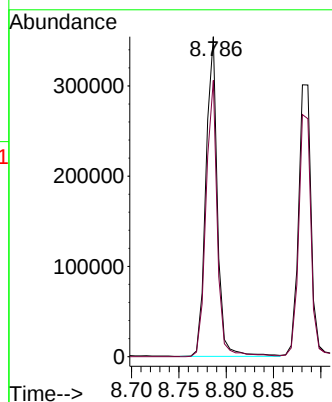
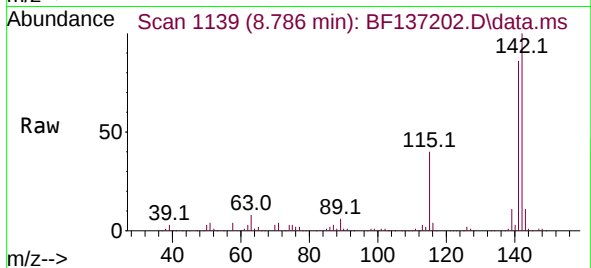
ClientSampleId :

Tgt Ion:142 Resp: 300633

Ion Ratio Lower Upper

142 100

141 86.3 67.8 101.8



#38

1-Methylnaphthalene

Concen: 40.170 ng

RT: 8.880 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF137202.D

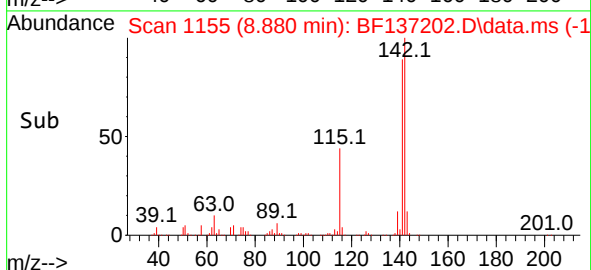
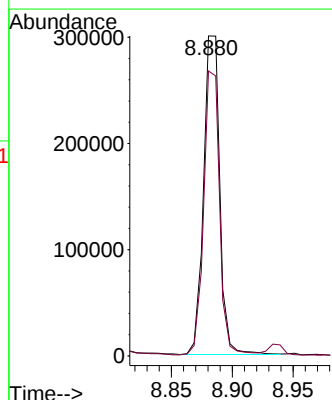
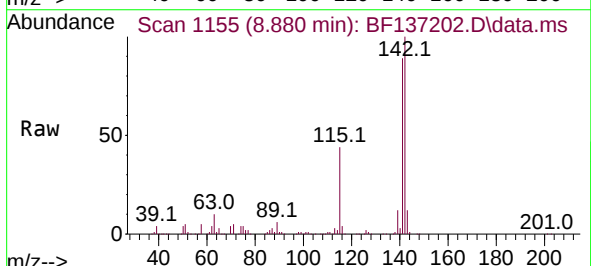
Acq: 31 Jan 2024 10:59

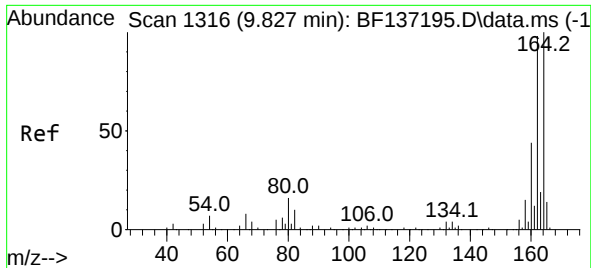
Tgt Ion:142 Resp: 278891

Ion Ratio Lower Upper

142 100

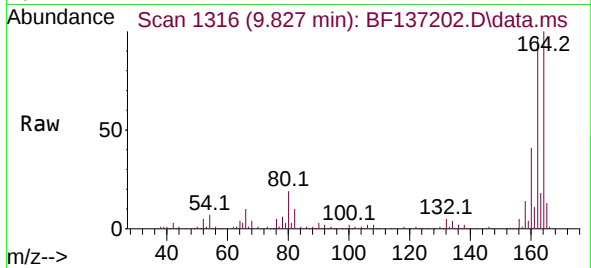
141 89.0 70.6 105.8



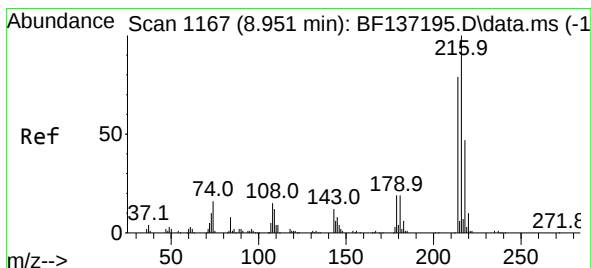
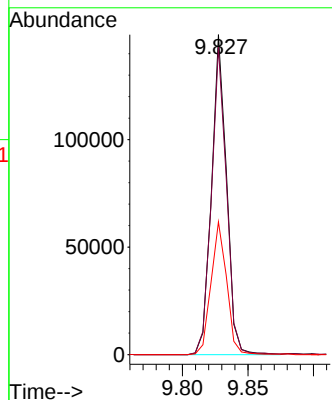
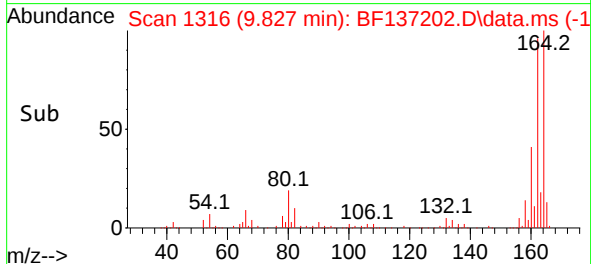


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF137202.D
Acq: 31 Jan 2024 10:59

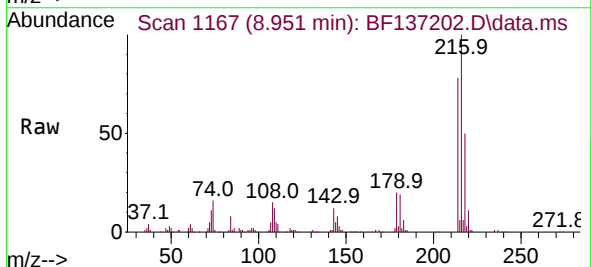
Instrument :
BNA_F
ClientSampleId :



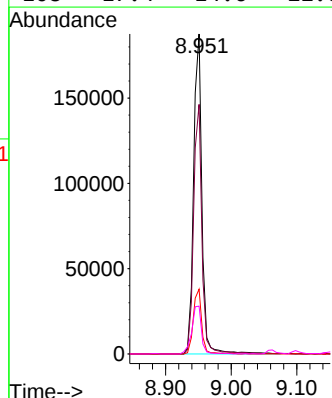
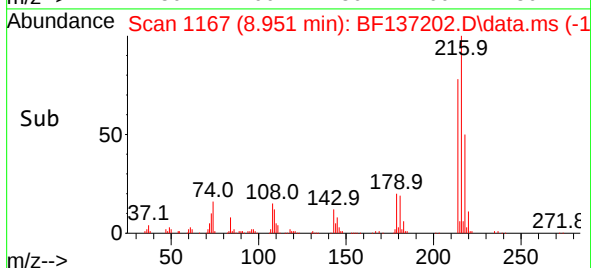
Tgt Ion:164 Resp: 118346
Ion Ratio Lower Upper
164 100
162 96.0 78.3 117.5
160 41.5 35.4 53.2

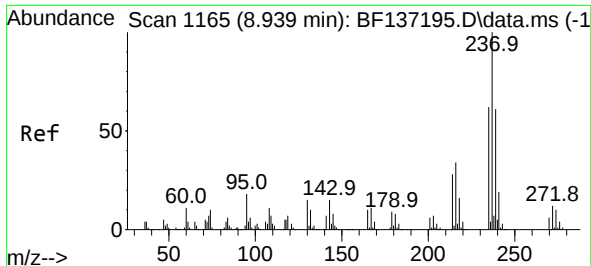


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.884 ng
RT: 8.951 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF137202.D
Acq: 31 Jan 2024 10:59



Tgt Ion:216 Resp: 165858
Ion Ratio Lower Upper
216 100
214 78.5 63.9 95.9
179 20.2 16.2 24.2
108 17.4 14.6 22.0

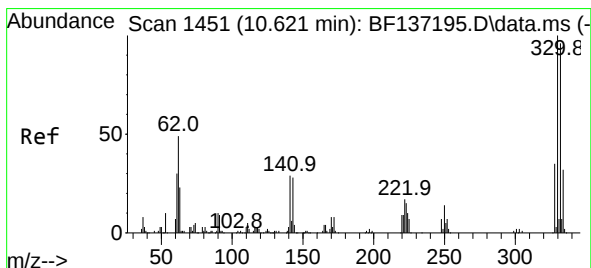
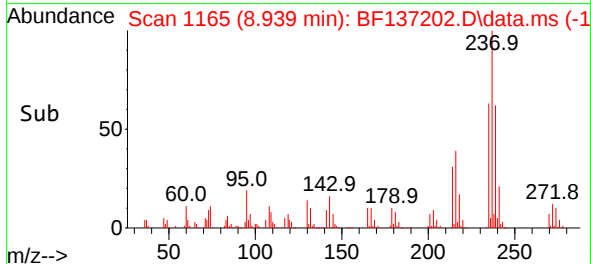
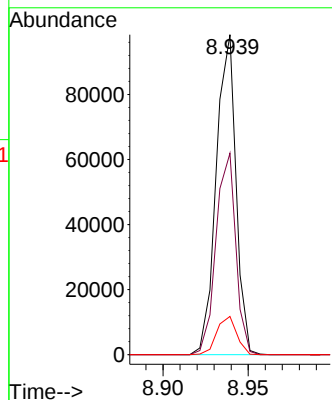
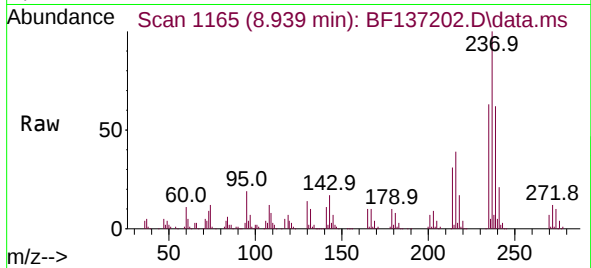




#41
Hexachlorocyclopentadiene
Concen: 42.062 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BF137202.D
Acq: 31 Jan 2024 10:59

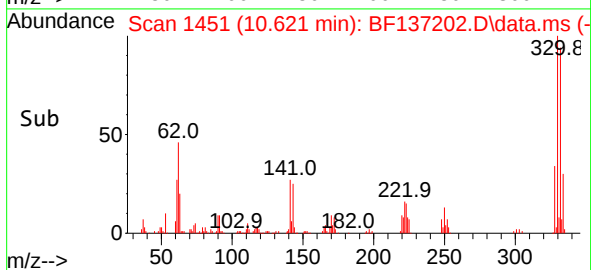
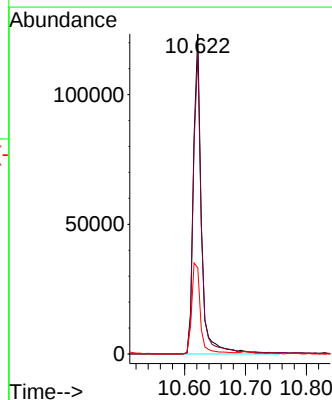
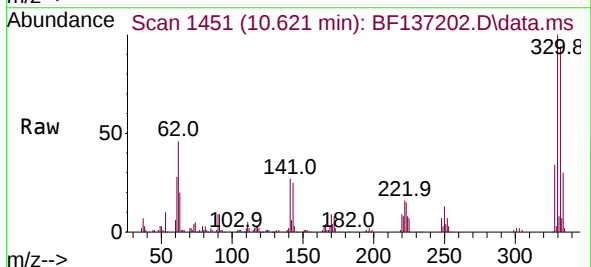
Instrument :
BNA_F
ClientSampleId :

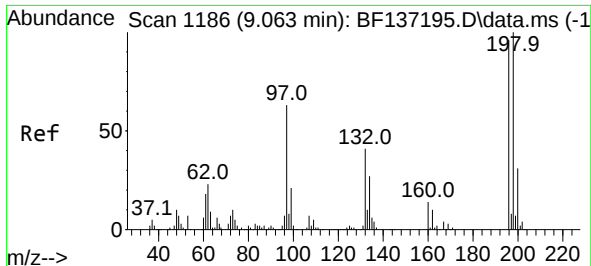
Tgt Ion:237 Resp: 79332
Ion Ratio Lower Upper
237 100
235 62.9 41.6 81.6
272 11.9 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 84.930 ng
RT: 10.621 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF137202.D
Acq: 31 Jan 2024 10:59

Tgt Ion:330 Resp: 113513
Ion Ratio Lower Upper
330 100
332 94.7 77.3 115.9
141 30.7 25.2 37.8

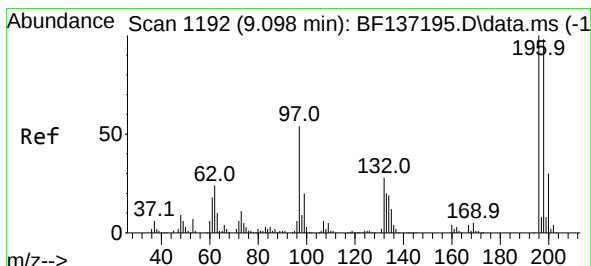
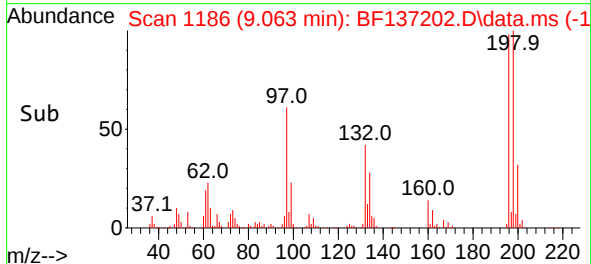
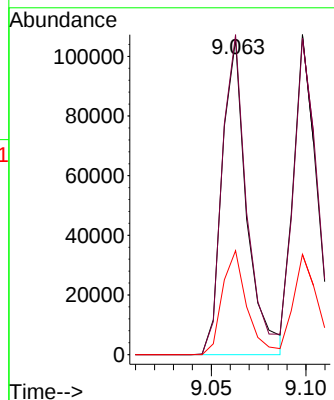
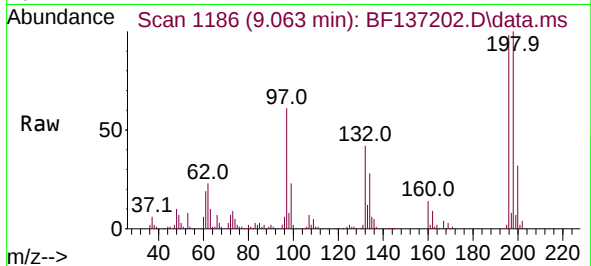




#43
2,4,6-Trichlorophenol
Concen: 42.662 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF137202.D
Acq: 31 Jan 2024 10:59

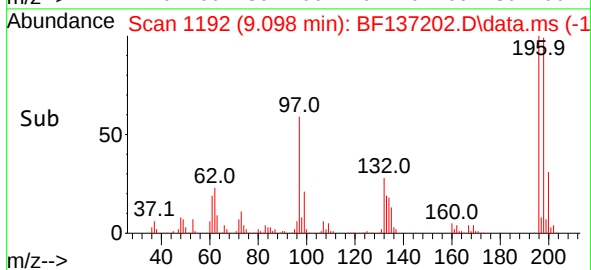
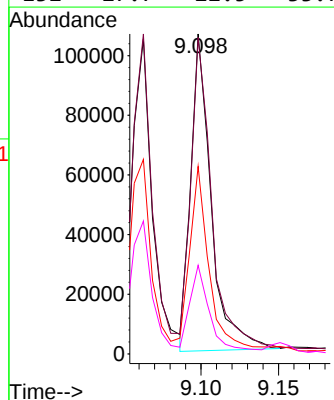
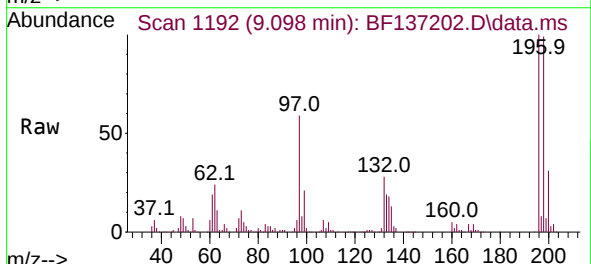
Instrument :
BNA_F
ClientSampleId :

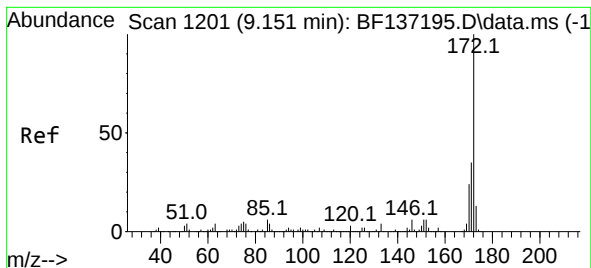
Tgt Ion:196 Resp: 95823
Ion Ratio Lower Upper
196 100
198 101.6 83.0 124.6
200 33.0 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 39.696 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF137202.D
Acq: 31 Jan 2024 10:59

Tgt Ion:196 Resp: 97457
Ion Ratio Lower Upper
196 100
198 98.9 78.2 117.4
97 58.6 44.2 66.2
132 27.7 22.5 33.7





#45

2-Fluorobiphenyl

Concen: 79.963 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.000 min

Lab File: BF137202.D

Acq: 31 Jan 2024 10:59

Instrument :

BNA_F

ClientSampleId :

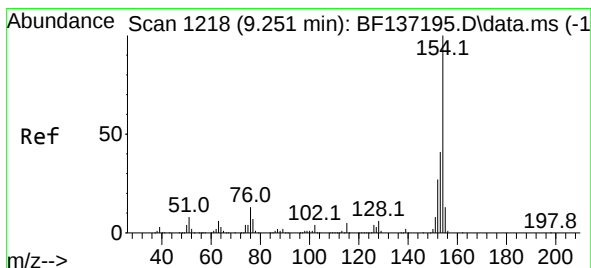
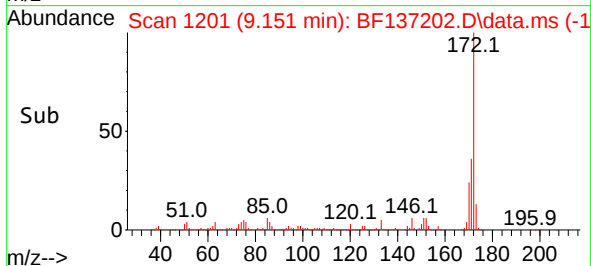
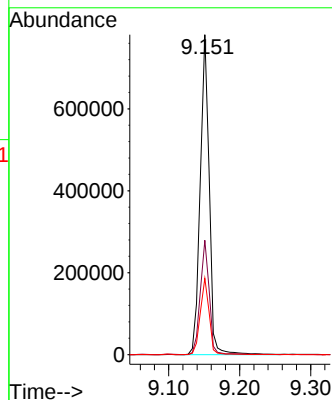
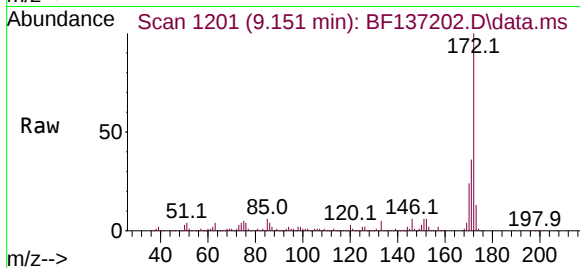
Tgt Ion:172 Resp: 688405

Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.8 19.1 28.7



#46

1,1'-Biphenyl

Concen: 41.191 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF137202.D

Acq: 31 Jan 2024 10:59

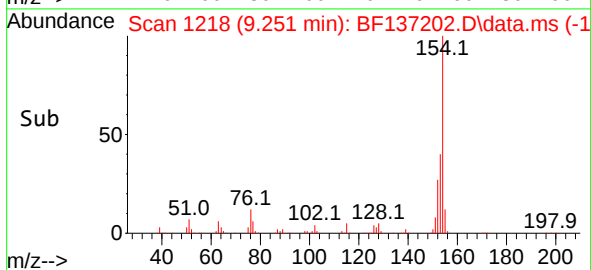
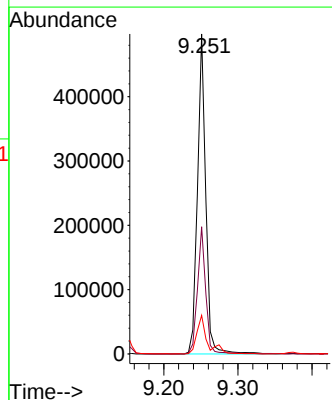
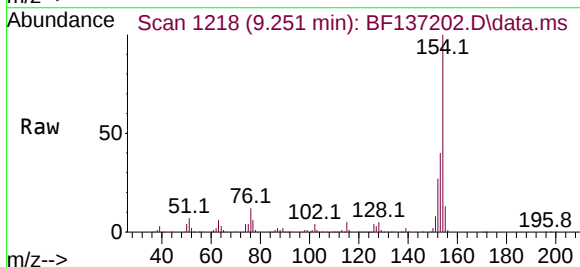
Tgt Ion:154 Resp: 387851

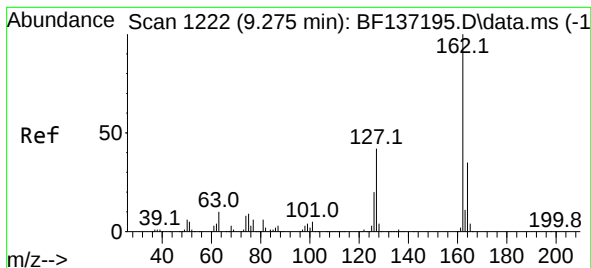
Ion Ratio Lower Upper

154 100

153 39.7 21.2 61.2

76 12.1 0.0 33.0





#47

2-Chloronaphthalene

Concen: 41.191 ng

RT: 9.275 min Scan# 1222

Delta R.T. 0.000 min

Lab File: BF137202.D

Acq: 31 Jan 2024 10:59

Instrument :

BNA_F

ClientSampleId :

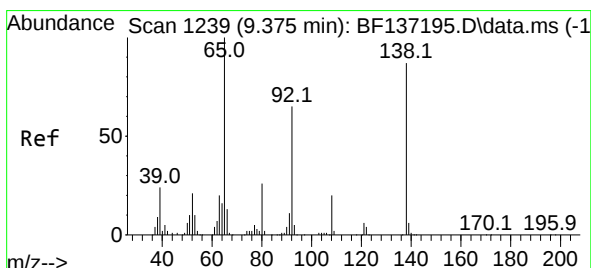
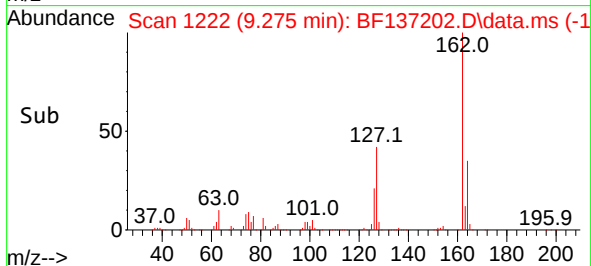
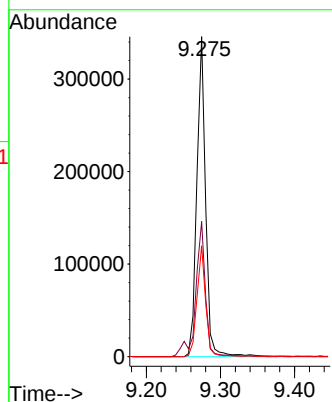
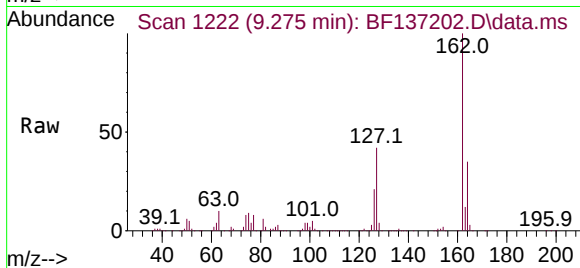
Tgt Ion:162 Resp: 287033

Ion Ratio Lower Upper

162 100

127 42.2 34.1 51.1

164 34.6 27.9 41.9



#48

2-Nitroaniline

Concen: 42.985 ng

RT: 9.375 min Scan# 1239

Delta R.T. -0.000 min

Lab File: BF137202.D

Acq: 31 Jan 2024 10:59

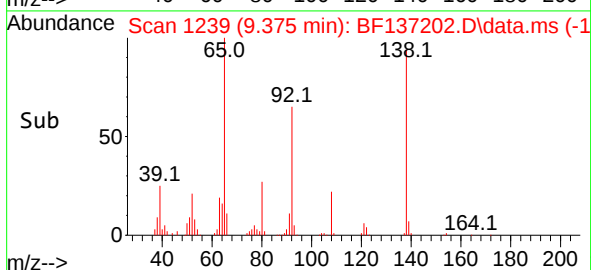
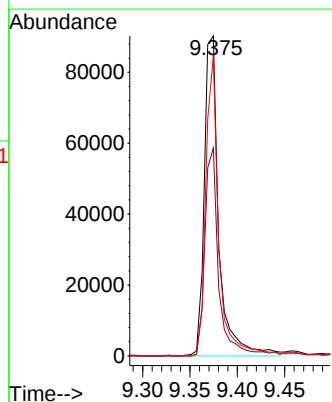
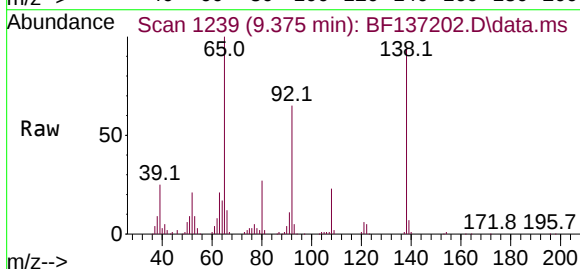
Tgt Ion: 65 Resp: 96948

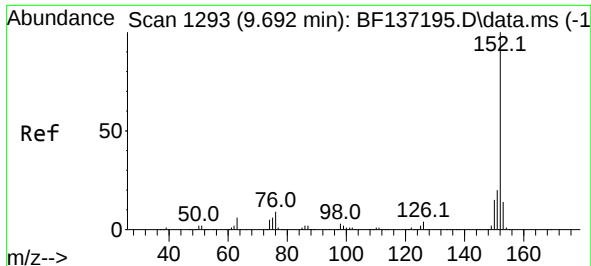
Ion Ratio Lower Upper

65 100

92 64.9 51.7 77.5

138 93.6 69.7 104.5





#49

Acenaphthylene

Concen: 41.371 ng

RT: 9.692 min Scan# 1293

Delta R.T. 0.000 min

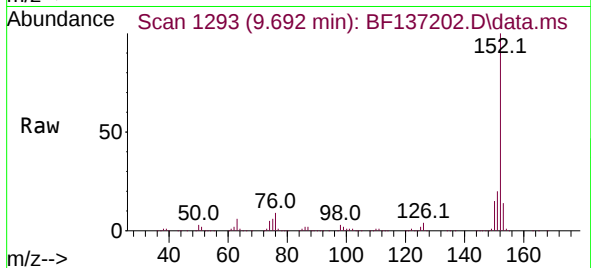
Lab File: BF137202.D

Acq: 31 Jan 2024 10:59

Instrument :

BNA_F

ClientSampleId :



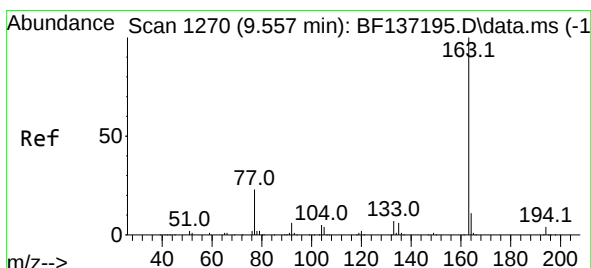
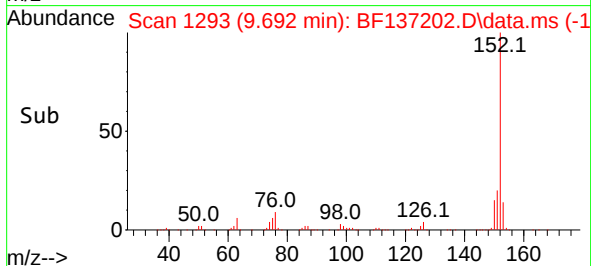
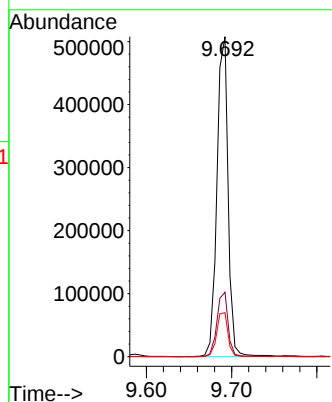
Tgt Ion:152 Resp: 461520

Ion Ratio Lower Upper

152 100

151 20.1 16.3 24.5

153 13.7 11.2 16.8



#50

Dimethylphthalate

Concen: 41.052 ng

RT: 9.557 min Scan# 1270

Delta R.T. -0.000 min

Lab File: BF137202.D

Acq: 31 Jan 2024 10:59

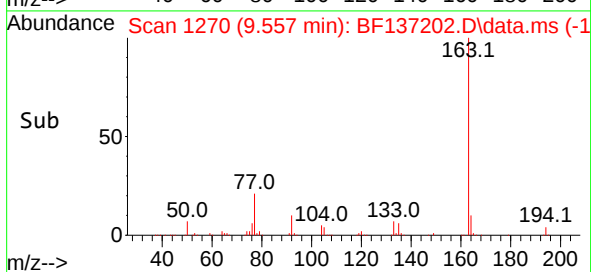
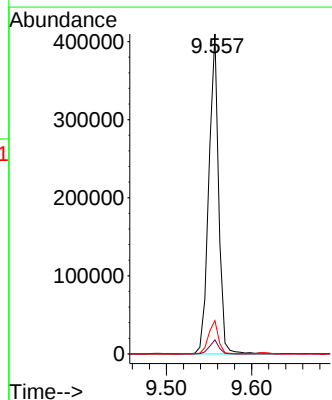
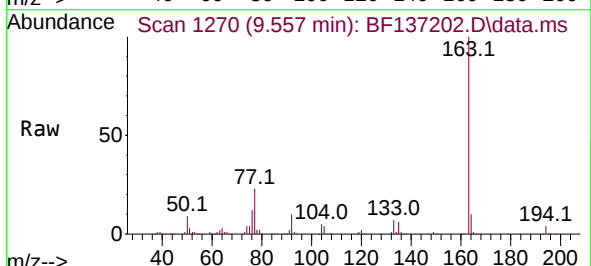
Tgt Ion:163 Resp: 328217

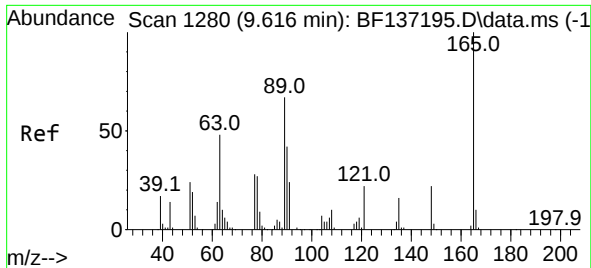
Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

164 10.4 8.6 13.0

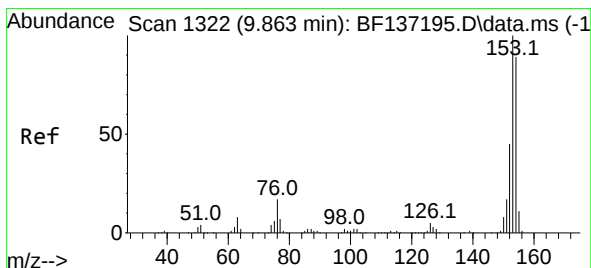
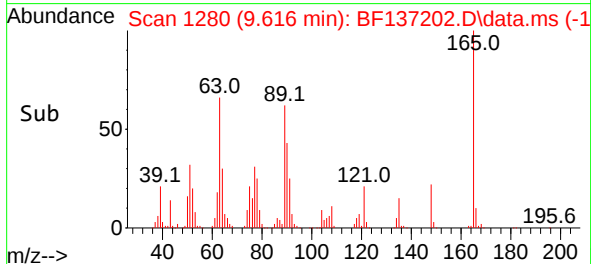
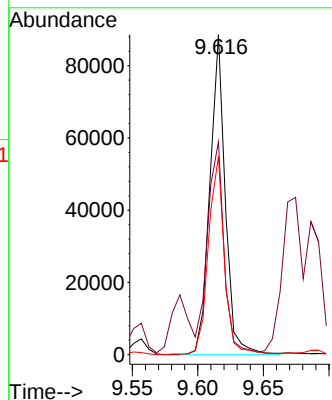
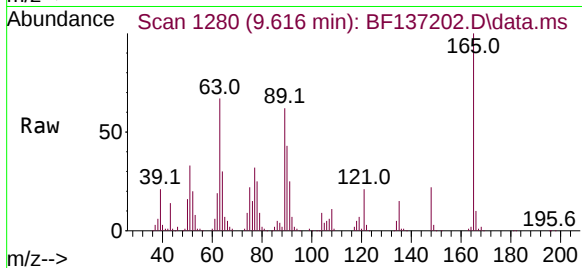




#51
2,6-Dinitrotoluene
Concen: 42.396 ng
RT: 9.616 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BF137202.D
Acq: 31 Jan 2024 10:59

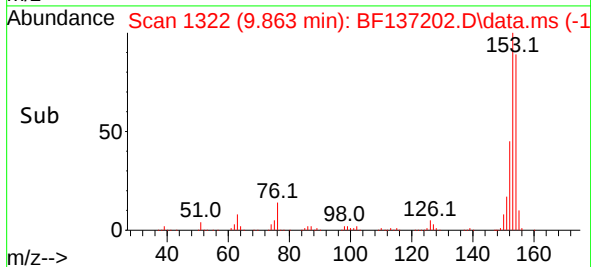
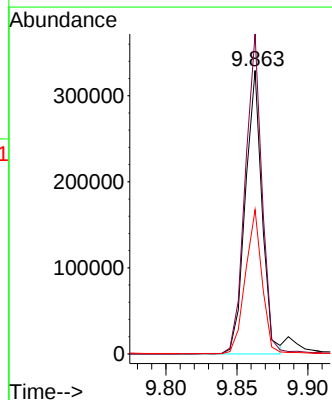
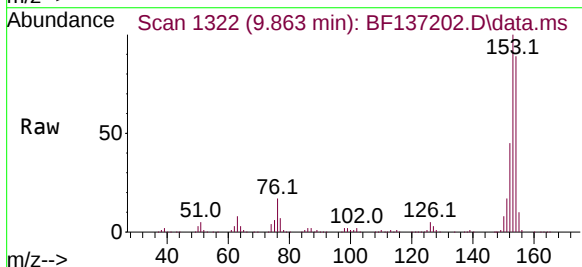
Instrument :
BNA_F
ClientSampleId :

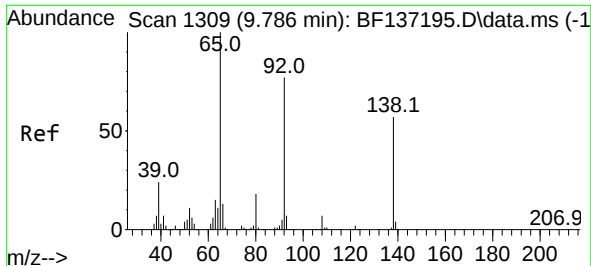
Tgt Ion:165 Resp: 72281
Ion Ratio Lower Upper
165 100
63 66.5 55.1 82.7
89 61.9 53.5 80.3



#52
Acenaphthene
Concen: 41.026 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF137202.D
Acq: 31 Jan 2024 10:59

Tgt Ion:154 Resp: 268985
Ion Ratio Lower Upper
154 100
153 112.9 90.2 135.4
152 50.9 40.6 60.8

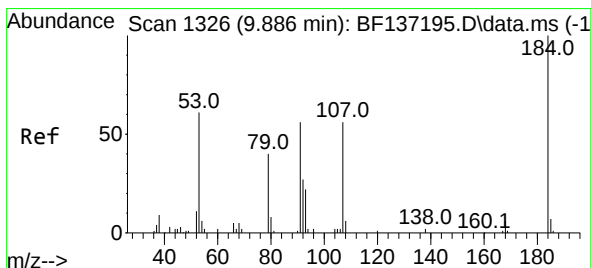
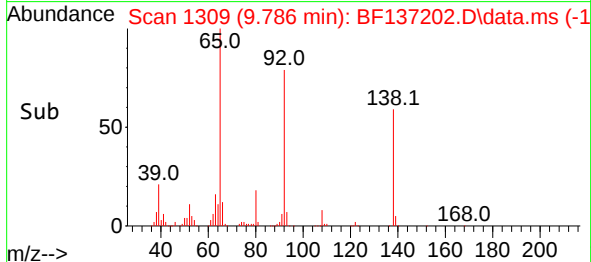
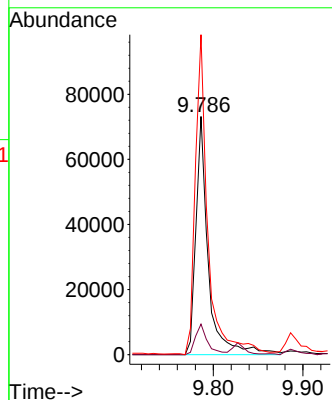
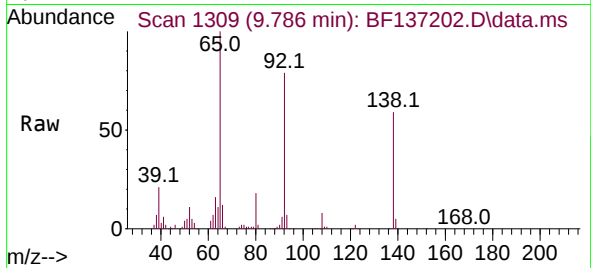




#53
3-Nitroaniline
Concen: 45.582 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF137202.D
Acq: 31 Jan 2024 10:59

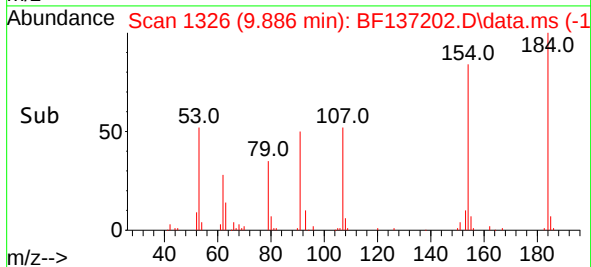
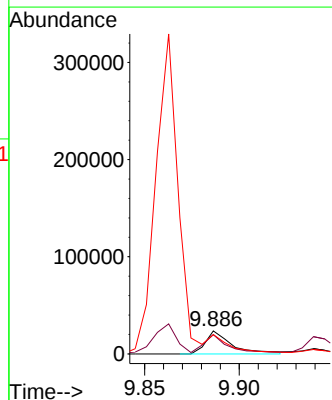
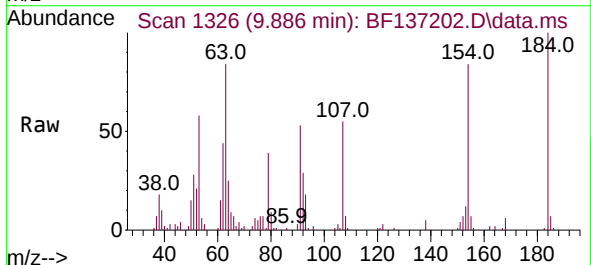
Instrument :
BNA_F
ClientSampleId :

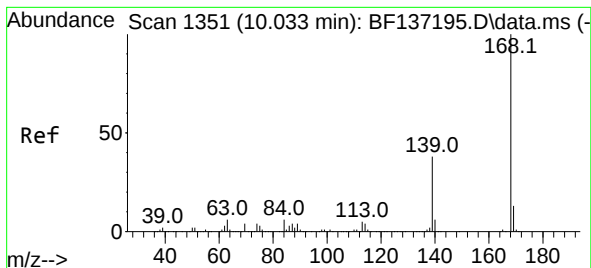
Tgt Ion:138 Resp: 69935
Ion Ratio Lower Upper
138 100
108 12.8 10.4 15.6
92 134.3 108.6 162.8



#54
2,4-Dinitrophenol
Concen: 37.079 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF137202.D
Acq: 31 Jan 2024 10:59

Tgt Ion:184 Resp: 22646
Ion Ratio Lower Upper
184 100
63 84.5 71.2 106.8
154 84.5 64.9 97.3





#55

Dibenzenofuran

Concen: 41.084 ng

RT: 10.033 min Scan# 1351

Delta R.T. 0.000 min

Lab File: BF137202.D

Acq: 31 Jan 2024 10:59

Instrument :

BNA_F

ClientSampleId :

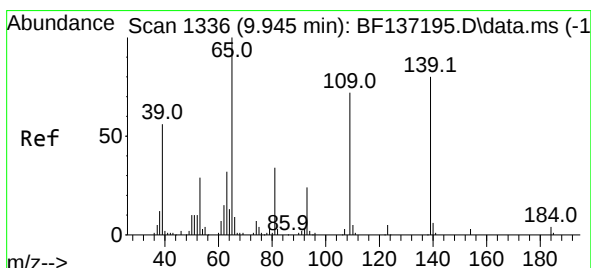
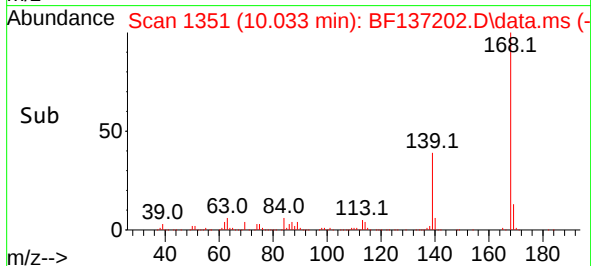
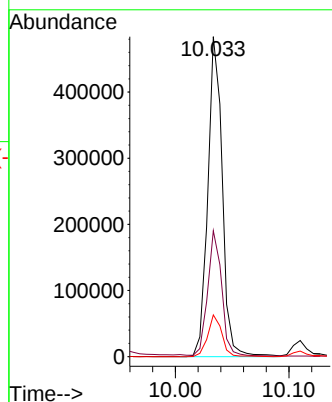
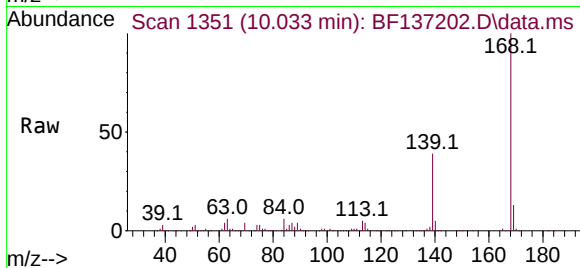
Tgt Ion:168 Resp: 428551

Ion Ratio Lower Upper

168 100

139 39.3 31.1 46.7

169 13.0 10.6 16.0



#56

4-Nitrophenol

Concen: 39.236 ng

RT: 9.945 min Scan# 1336

Delta R.T. 0.000 min

Lab File: BF137202.D

Acq: 31 Jan 2024 10:59

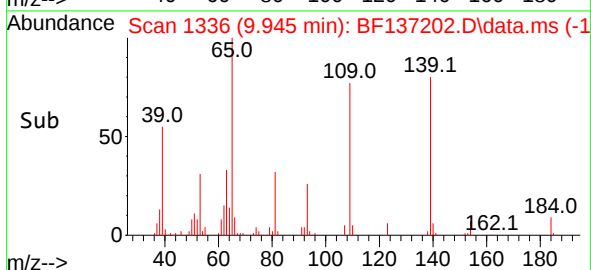
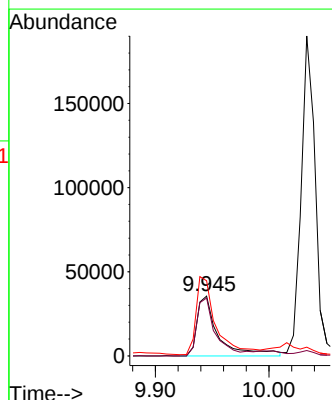
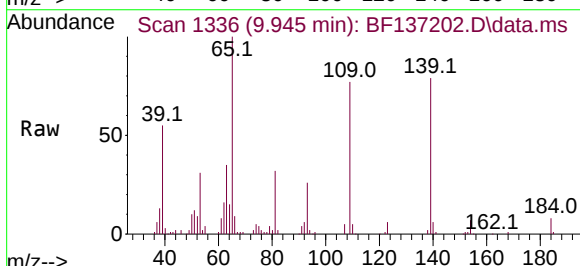
Tgt Ion:139 Resp: 46438

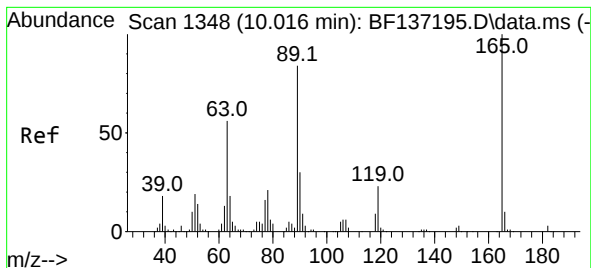
Ion Ratio Lower Upper

139 100

109 96.9 70.4 110.4

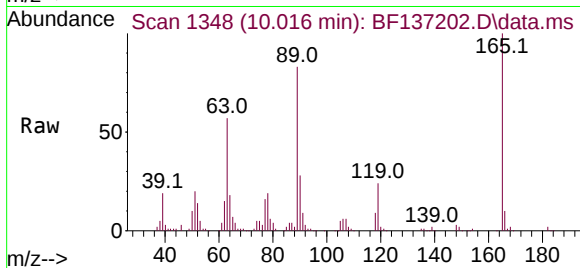
65 125.9 107.6 147.6



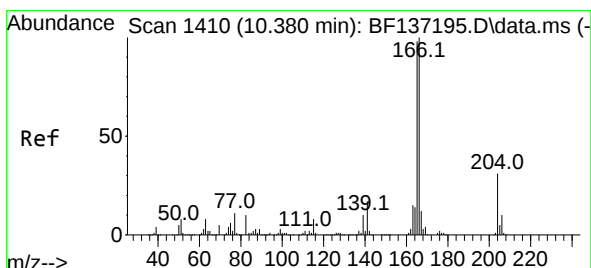
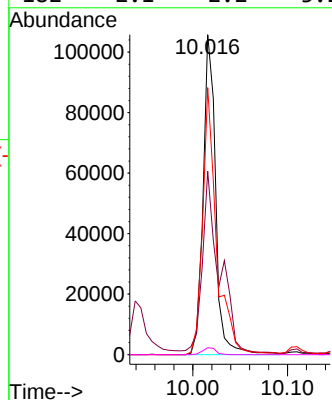
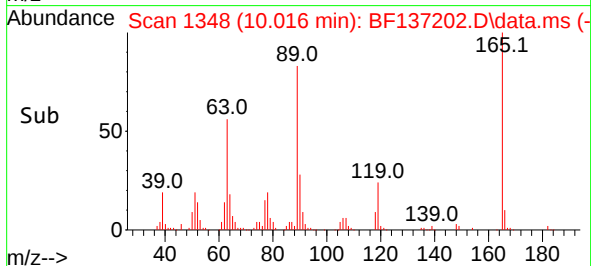


#57
2,4-Dinitrotoluene
Concen: 43.991 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BF137202.D
Acq: 31 Jan 2024 10:59

Instrument :
BNA_F
ClientSampleId :

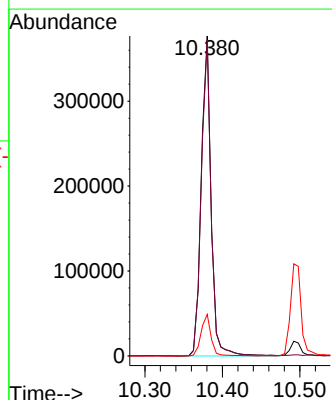
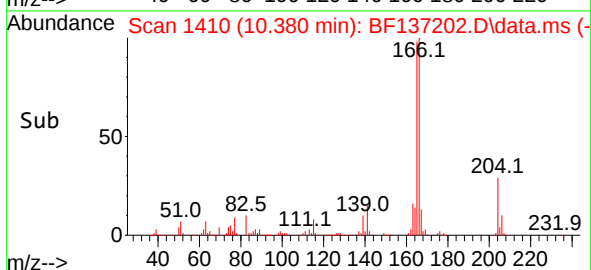
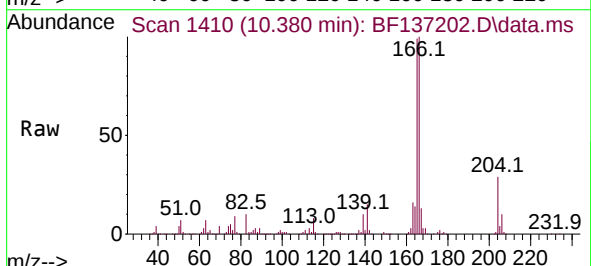


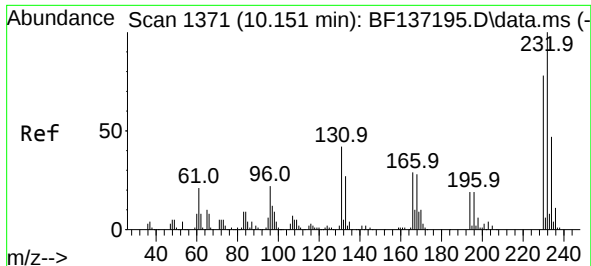
Tgt Ion:165 Resp: 97315
Ion Ratio Lower Upper
165 100
63 57.4 46.1 69.1
89 83.4 67.5 101.3
182 2.1 2.2 3.2#



#58
Fluorene
Concen: 40.535 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF137202.D
Acq: 31 Jan 2024 10:59

Tgt Ion:166 Resp: 331474
Ion Ratio Lower Upper
166 100
165 98.6 78.5 117.7
167 13.0 10.0 15.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.059 ng

RT: 10.110 min Scan# 1364

Delta R.T. -0.041 min

Lab File: BF137202.D

Acq: 31 Jan 2024 10:59

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:232 Resp: 93793

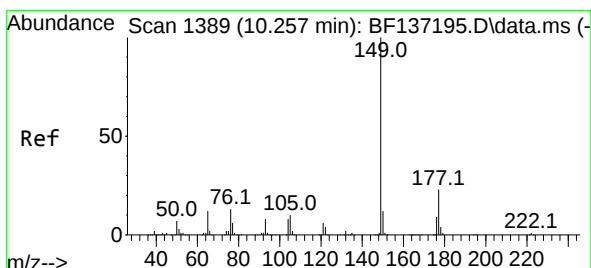
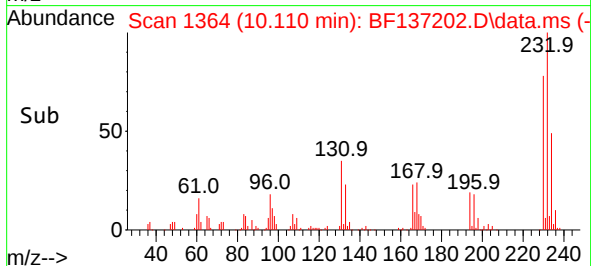
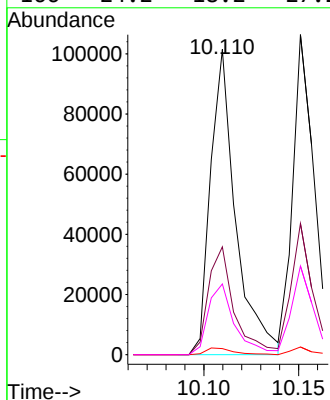
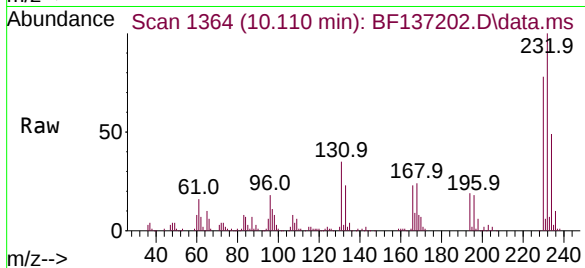
Ion Ratio Lower Upper

232 100

131 35.8 27.4 41.2

130 2.4 1.7 2.5

166 24.2 18.2 27.2



#60

Diethylphthalate

Concen: 41.177 ng

RT: 10.257 min Scan# 1389

Delta R.T. 0.000 min

Lab File: BF137202.D

Acq: 31 Jan 2024 10:59

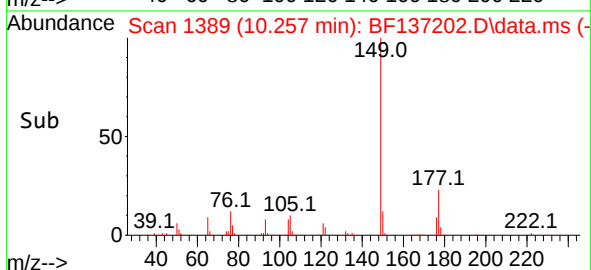
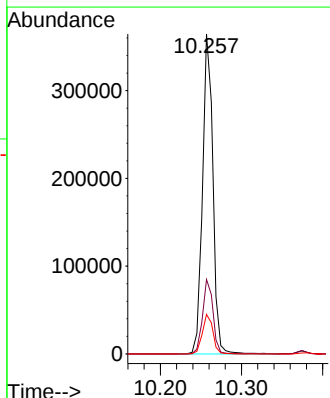
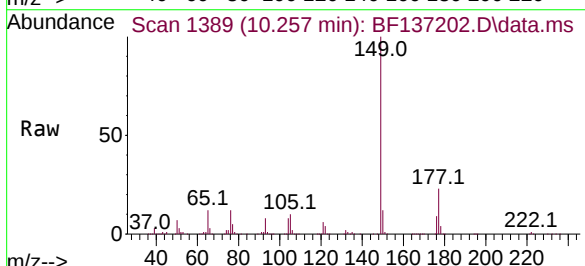
Tgt Ion:149 Resp: 324157

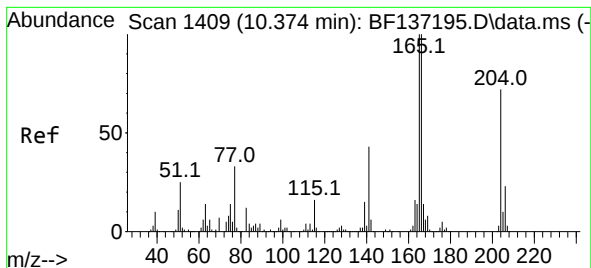
Ion Ratio Lower Upper

149 100

177 23.3 18.0 27.0

150 12.3 9.6 14.4

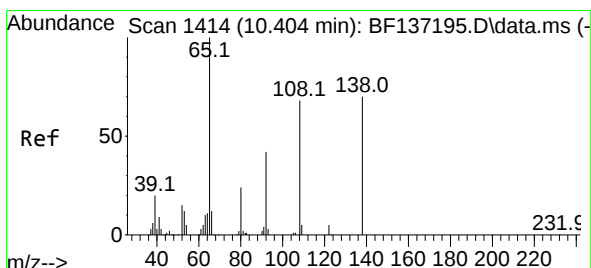
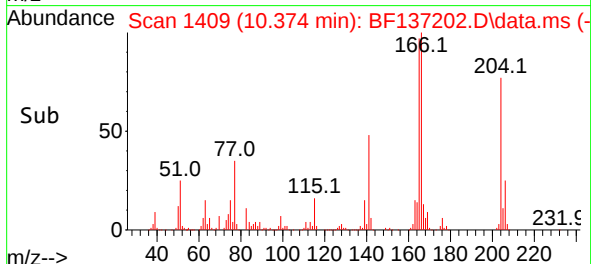
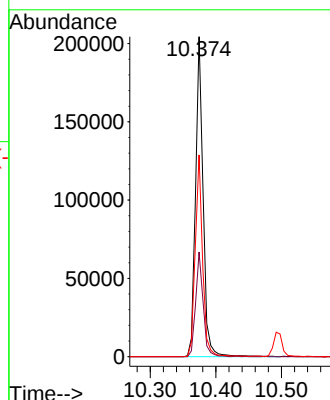
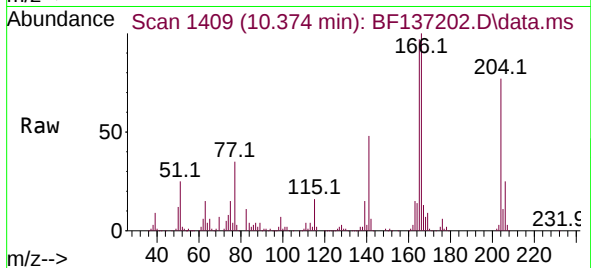




#61
4-Chlorophenyl-phenylether
Concen: 40.152 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF137202.D
Acq: 31 Jan 2024 10:59

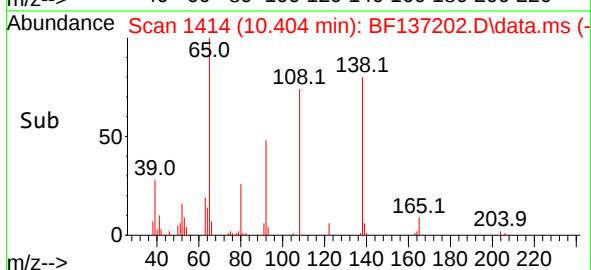
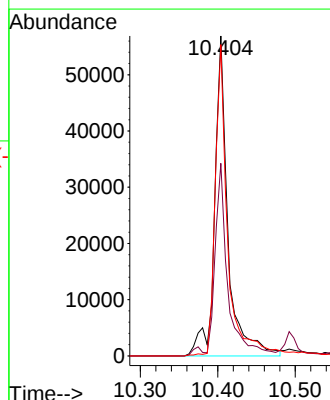
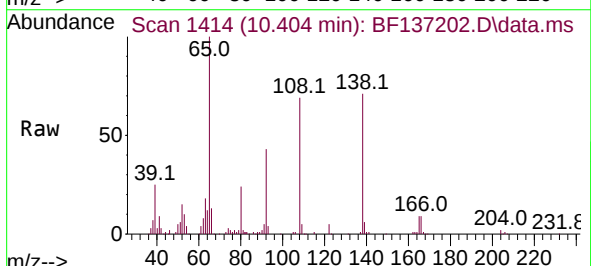
Instrument :
BNA_F
ClientSampleId :

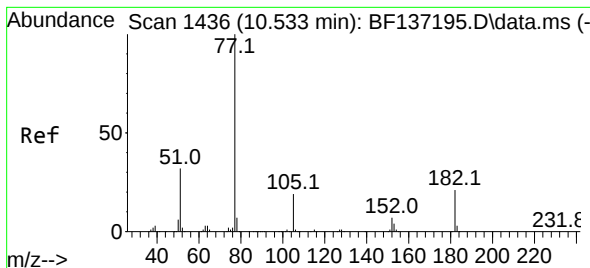
Tgt Ion:204 Resp: 163209
Ion Ratio Lower Upper
204 100
206 32.7 25.5 38.3
141 63.0 48.3 72.5



#62
4-Nitroaniline
Concen: 46.544 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF137202.D
Acq: 31 Jan 2024 10:59

Tgt Ion:138 Resp: 68352
Ion Ratio Lower Upper
138 100
92 60.2 39.3 79.3
108 97.3 75.3 115.3





#63

Azobenzene

Concen: 40.750 ng

RT: 10.533 min Scan# 14

Delta R.T. -0.000 min

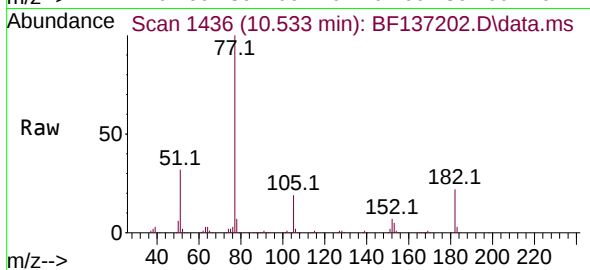
Lab File: BF137202.D

Acq: 31 Jan 2024 10:59

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 355281

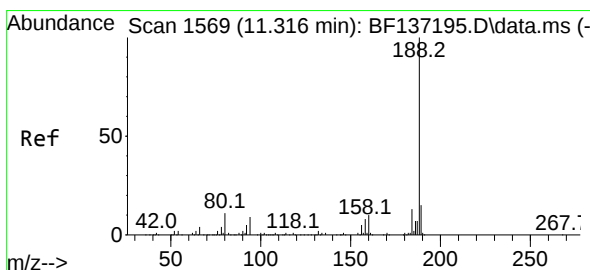
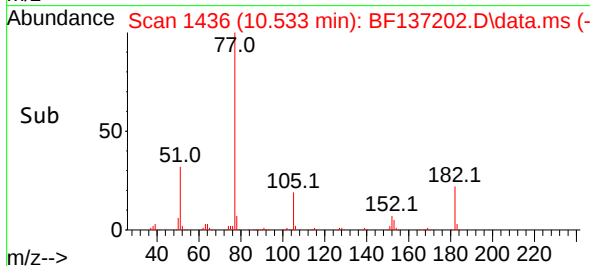
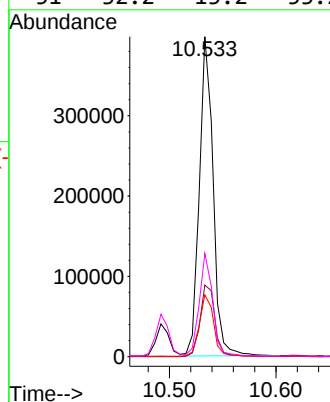
Ion Ratio Lower Upper

77 100

182 22.4 1.1 41.1

105 19.3 0.0 38.9

51 32.2 13.2 53.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.321 min Scan# 1570

Delta R.T. 0.005 min

Lab File: BF137202.D

Acq: 31 Jan 2024 10:59

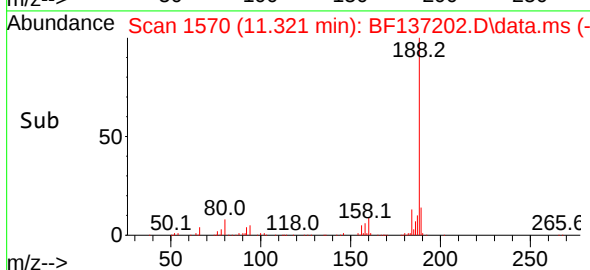
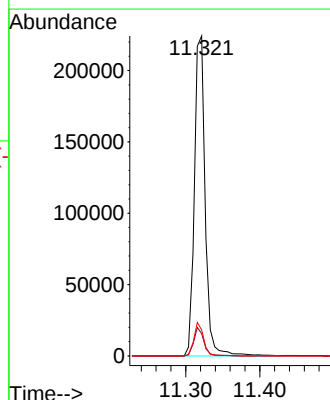
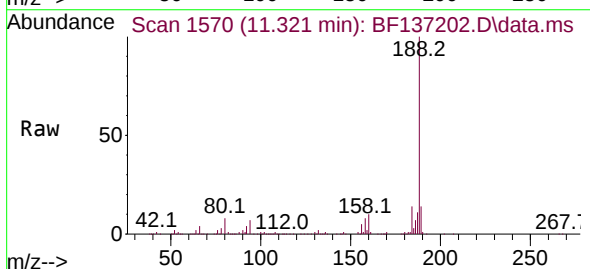
Tgt Ion:188 Resp: 228033

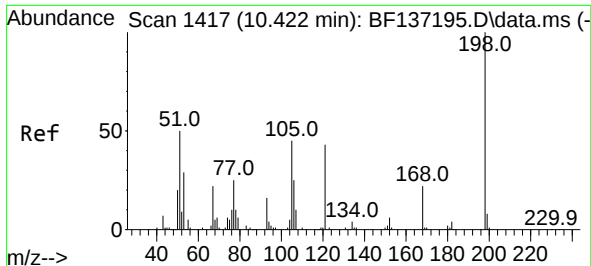
Ion Ratio Lower Upper

188 100

94 7.0 7.0 10.4

80 8.1 8.8 13.2#

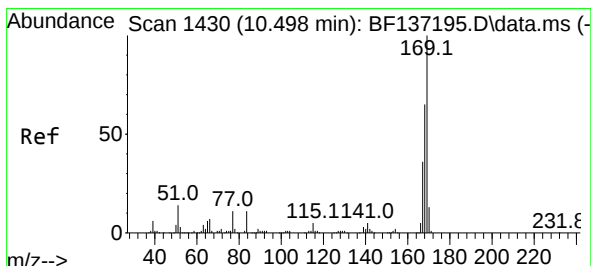
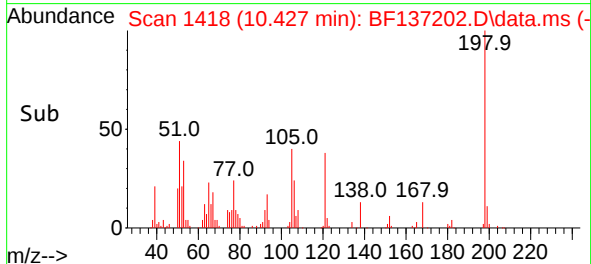
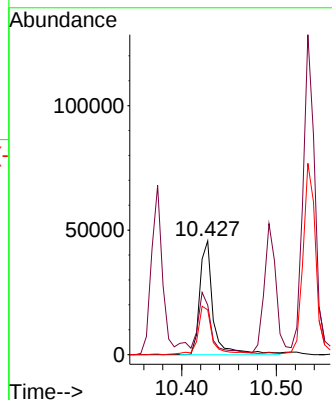
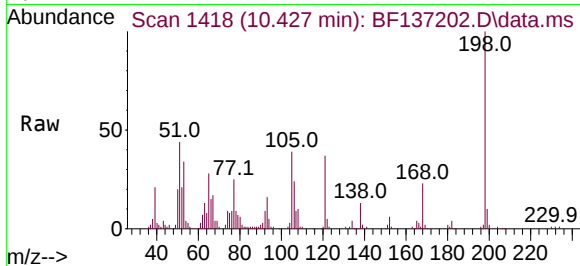




#65
4,6-Dinitro-2-methylphenol
Concen: 38.032 ng
RT: 10.427 min Scan# 1417
Delta R.T. 0.005 min
Lab File: BF137202.D
Acq: 31 Jan 2024 10:59

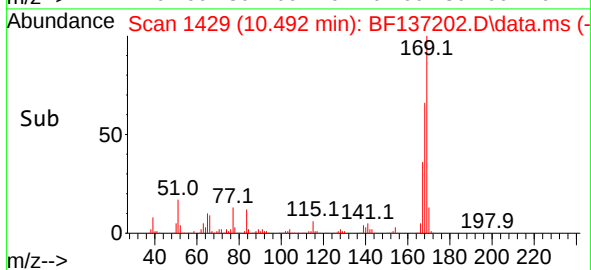
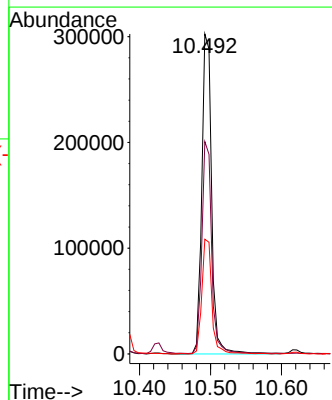
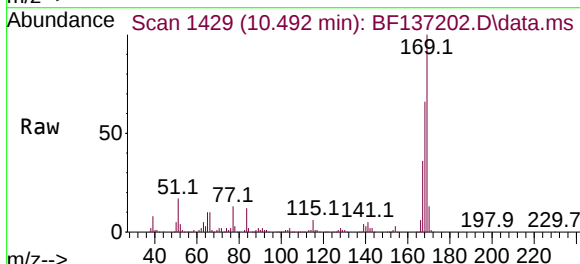
Instrument :
BNA_F
ClientSampleId :

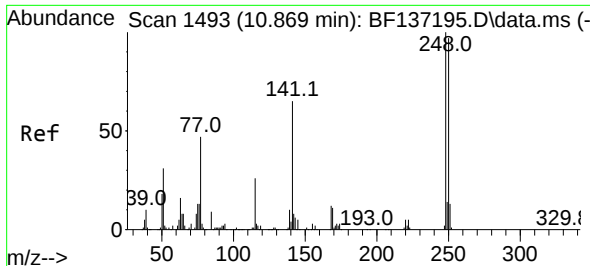
Tgt Ion:198 Resp: 44396
Ion Ratio Lower Upper
198 100
51 43.6 40.9 80.9
105 39.4 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 41.785 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF137202.D
Acq: 31 Jan 2024 10:59

Tgt Ion:169 Resp: 289718
Ion Ratio Lower Upper
169 100
168 66.3 51.9 77.9
167 35.8 29.0 43.6

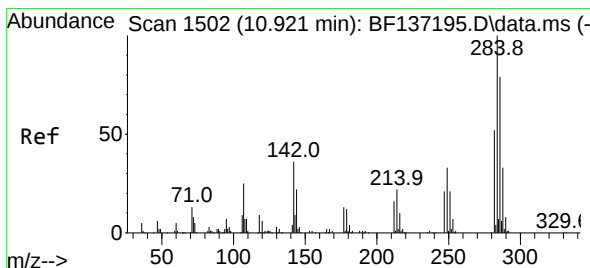
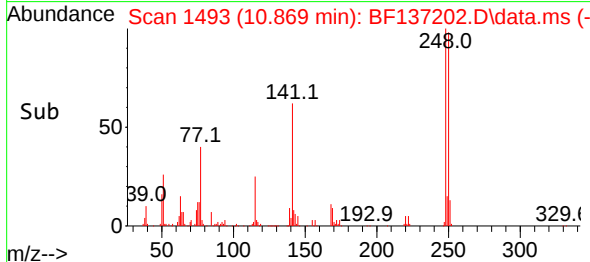
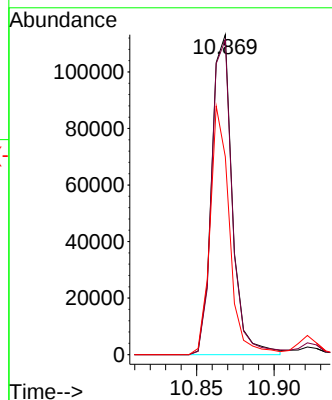
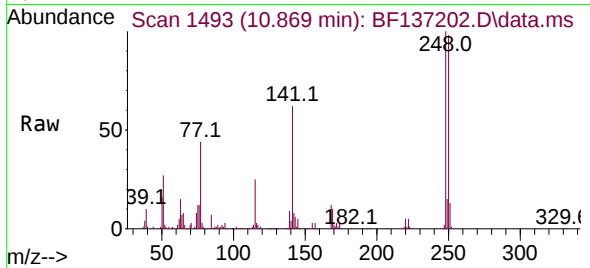




#67
4-Bromophenyl-phenylether
Concen: 41.873 ng
RT: 10.869 min Scan# 1493
Delta R.T. -0.000 min
Lab File: BF137202.D
Acq: 31 Jan 2024 10:59

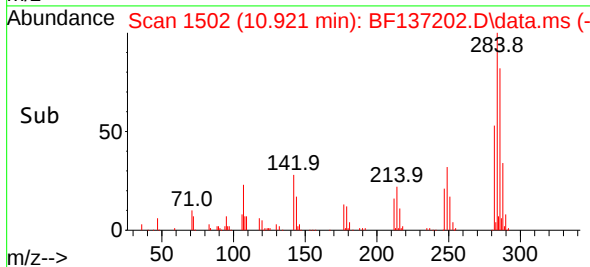
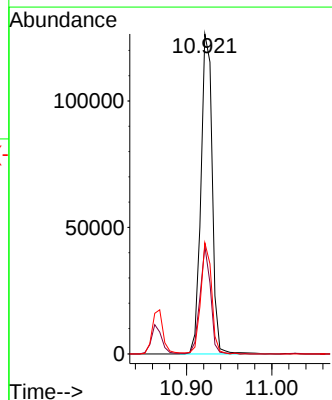
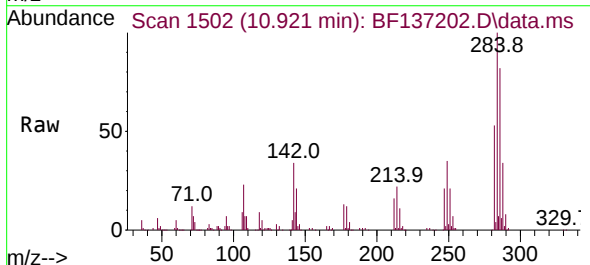
Instrument :
BNA_F
ClientSampleId :

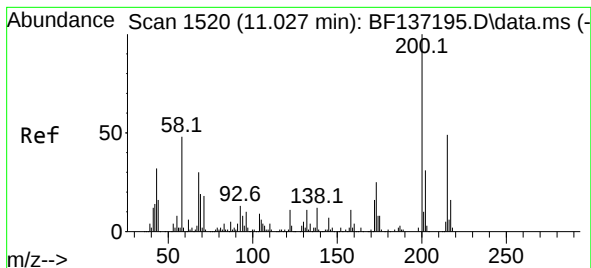
Tgt Ion:248 Resp: 104993
Ion Ratio Lower Upper
248 100
250 98.4 77.7 116.5
141 61.8 51.6 77.4



#68
Hexachlorobenzene
Concen: 41.521 ng
RT: 10.921 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF137202.D
Acq: 31 Jan 2024 10:59

Tgt Ion:284 Resp: 116288
Ion Ratio Lower Upper
284 100
142 33.7 28.7 43.1
249 34.7 27.0 40.4





#69

Atrazine

Concen: 42.658 ng

RT: 11.027 min Scan# 1520

Delta R.T. -0.000 min

Lab File: BF137202.D

Acq: 31 Jan 2024 10:59

Instrument :

BNA_F

ClientSampleId :

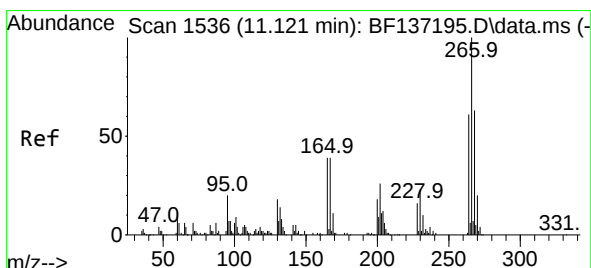
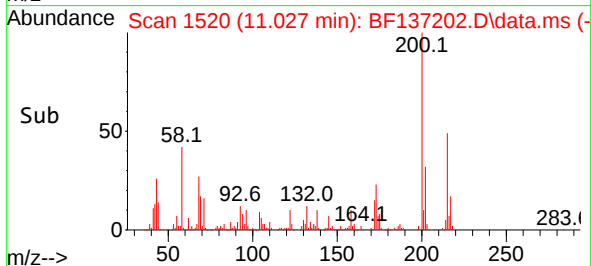
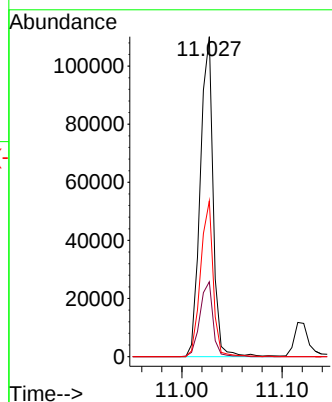
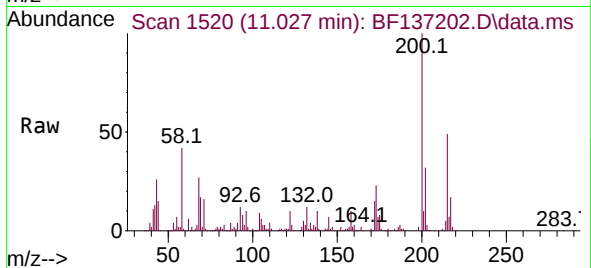
Tgt Ion:200 Resp: 97640

Ion Ratio Lower Upper

200 100

173 23.4 5.3 45.3

215 48.6 29.4 69.4



#70

Pentachlorophenol

Concen: 41.828 ng

RT: 11.121 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF137202.D

Acq: 31 Jan 2024 10:59

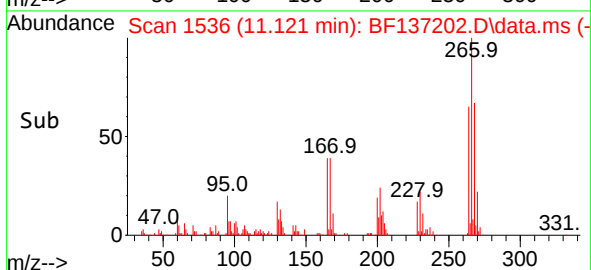
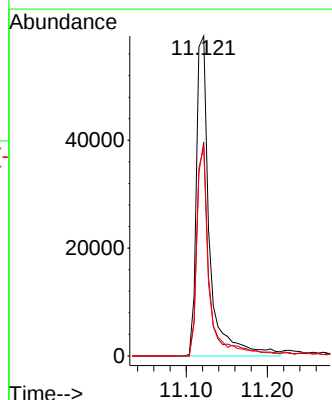
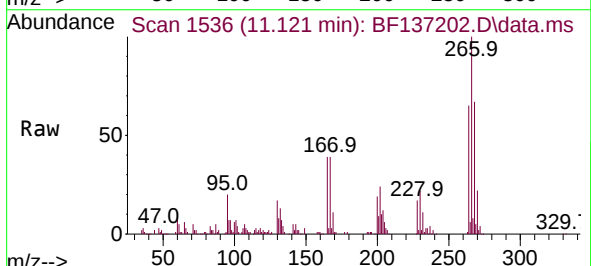
Tgt Ion:266 Resp: 67155

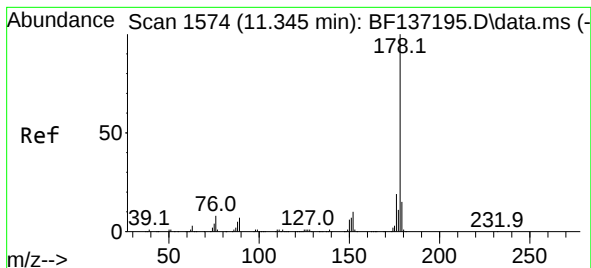
Ion Ratio Lower Upper

266 100

268 66.8 50.6 76.0

264 65.1 48.8 73.2





#71

Phenanthrene

Concen: 41.329 ng

RT: 11.345 min Scan# 1574

Delta R.T. 0.000 min

Lab File: BF137202.D

Acq: 31 Jan 2024 10:59

Instrument :

BNA_F

ClientSampleId :

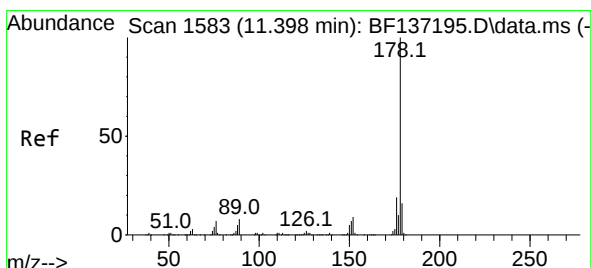
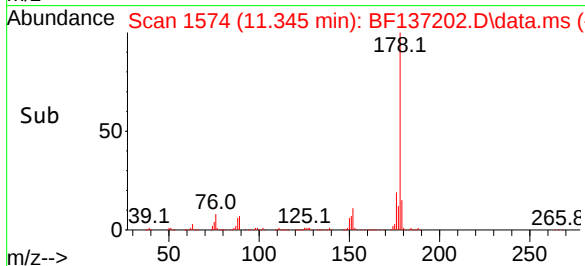
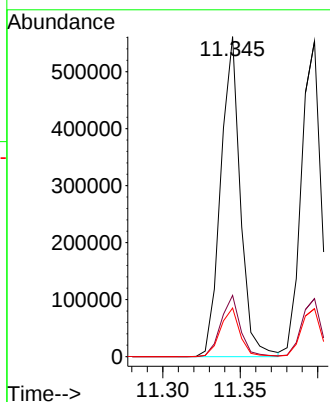
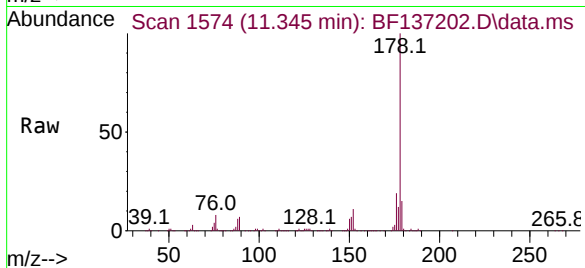
Tgt Ion:178 Resp: 493382

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

179 15.2 12.1 18.1



#72

Anthracene

Concen: 41.564 ng

RT: 11.398 min Scan# 1583

Delta R.T. -0.000 min

Lab File: BF137202.D

Acq: 31 Jan 2024 10:59

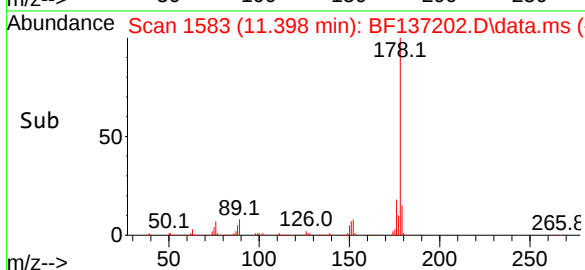
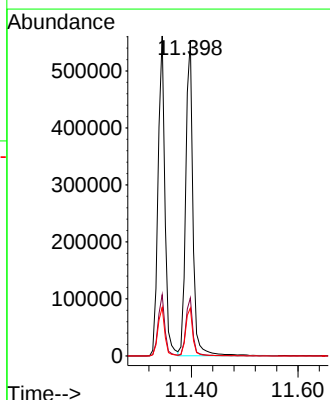
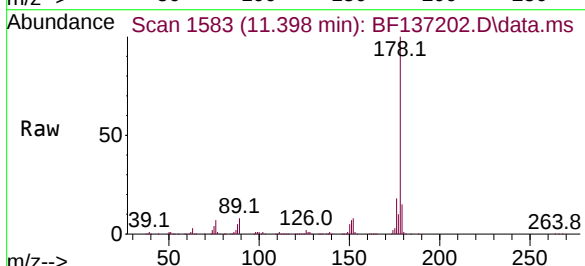
Tgt Ion:178 Resp: 517174

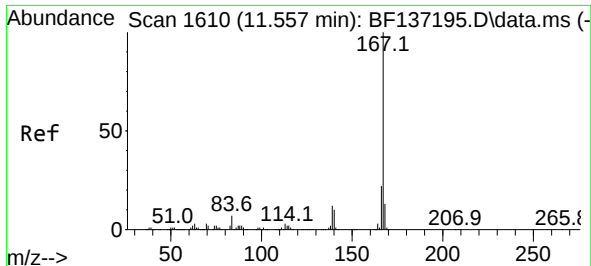
Ion Ratio Lower Upper

178 100

176 18.4 15.3 22.9

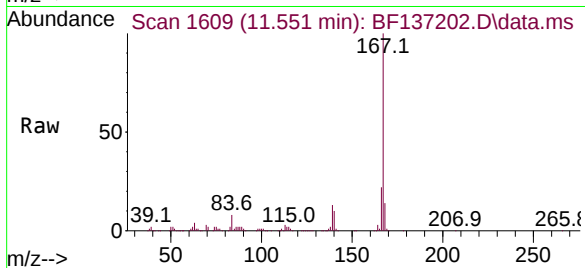
179 15.2 12.7 19.1



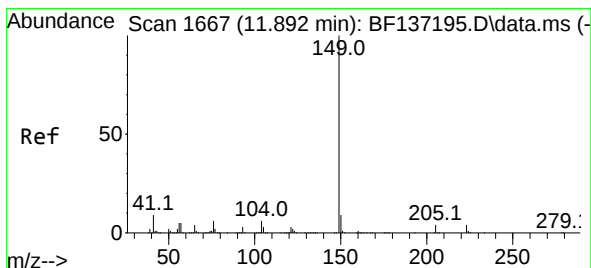
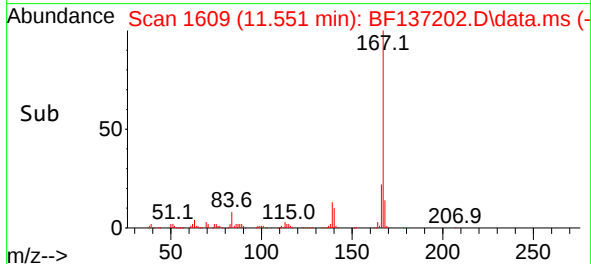
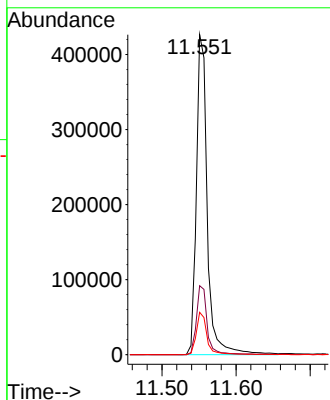


#73
Carbazole
Concen: 41.789 ng
RT: 11.551 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BF137202.D
Acq: 31 Jan 2024 10:59

Instrument :
BNA_F
ClientSampleId :

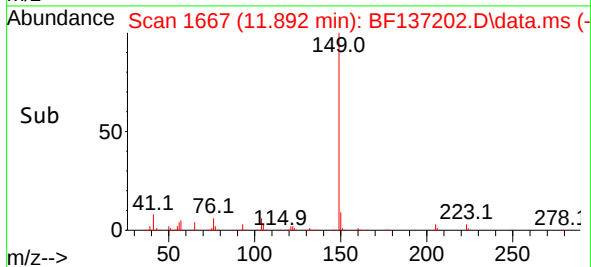
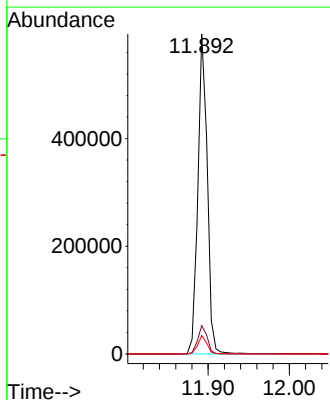
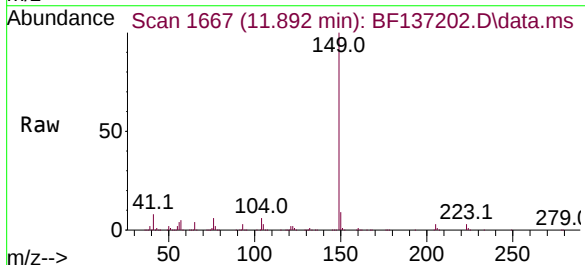


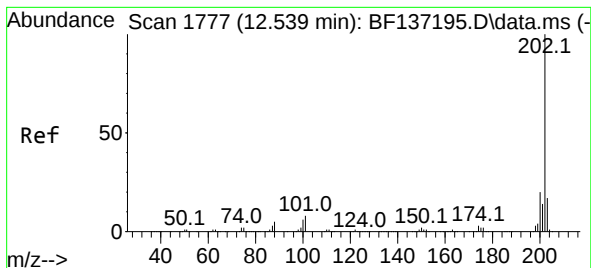
Tgt Ion:167 Resp: 434550
Ion Ratio Lower Upper
167 100
166 21.5 17.6 26.4
139 13.2 9.7 14.5



#74
Di-n-butylphthalate
Concen: 42.355 ng
RT: 11.892 min Scan# 1667
Delta R.T. -0.000 min
Lab File: BF137202.D
Acq: 31 Jan 2024 10:59

Tgt Ion:149 Resp: 476097
Ion Ratio Lower Upper
149 100
150 8.8 7.4 11.0
104 5.7 4.5 6.7





#75

Fluoranthene

Concen: 41.096 ng

RT: 12.533 min Scan# 1776

Delta R.T. -0.006 min

Lab File: BF137202.D

Acq: 31 Jan 2024 10:59

Instrument :

BNA_F

ClientSampleId :

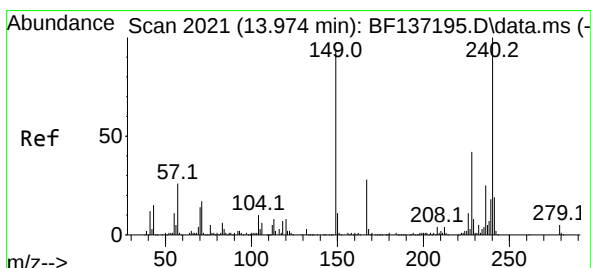
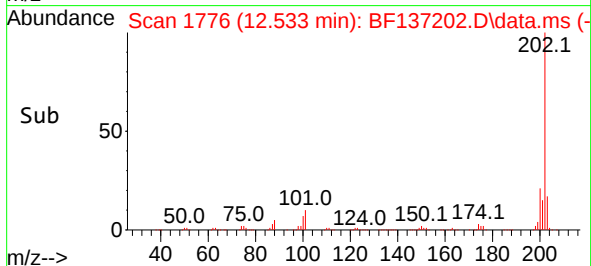
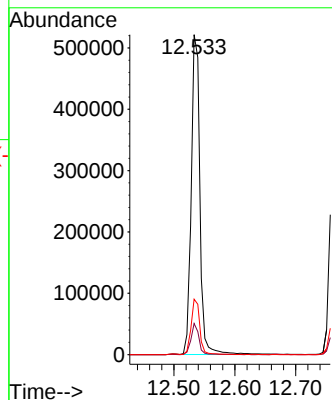
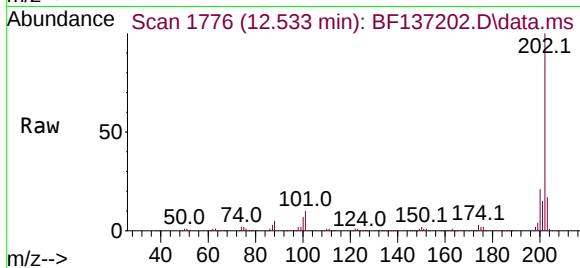
Tgt Ion:202 Resp: 513368

Ion Ratio Lower Upper

202 100

101 9.8 0.0 28.4

203 17.3 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: BF137202.D

Acq: 31 Jan 2024 10:59

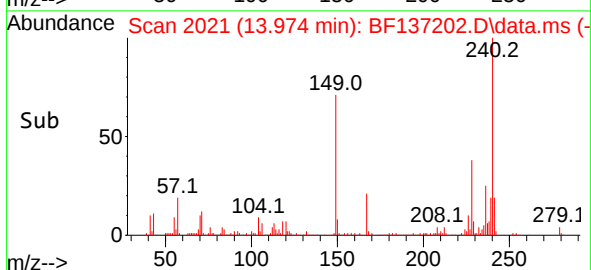
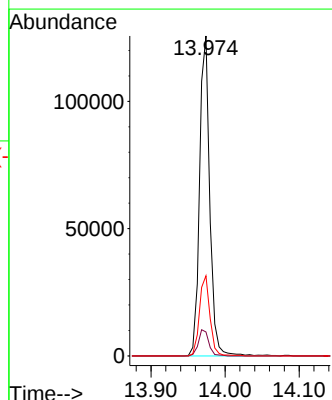
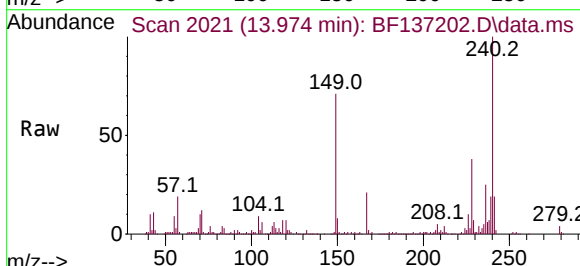
Tgt Ion:240 Resp: 120425

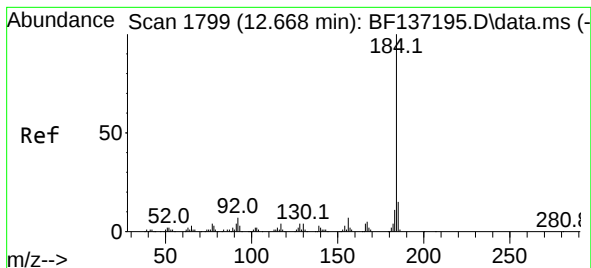
Ion Ratio Lower Upper

240 100

120 7.5 6.3 9.5

236 25.0 20.3 30.5





#77

Benzidine

Concen: 56.528 ng

RT: 12.668 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137202.D

Acq: 31 Jan 2024 10:59

Instrument :

BNA_F

ClientSampleId :

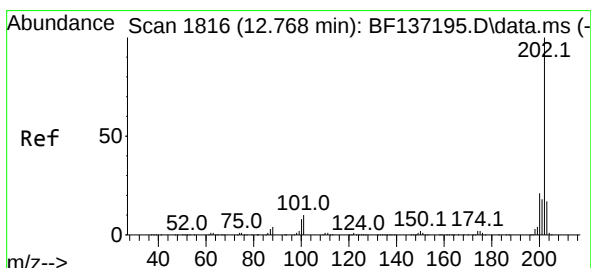
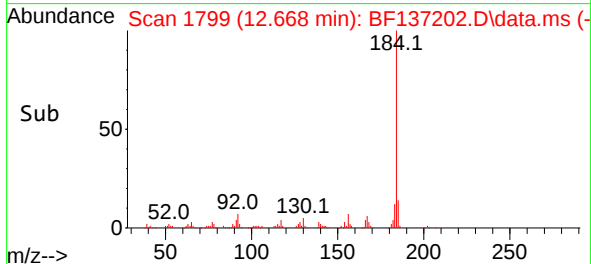
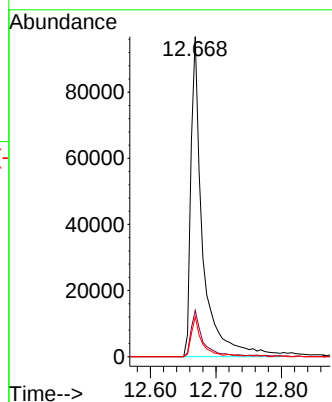
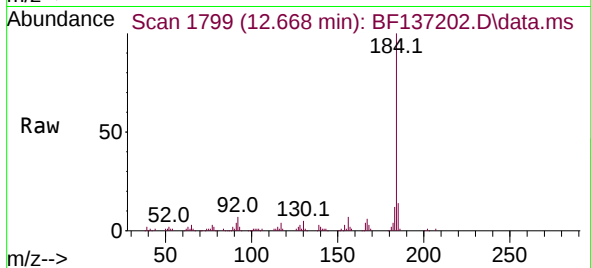
Tgt Ion:184 Resp: 121896

Ion Ratio Lower Upper

184 100

185 14.4 11.9 17.9

183 12.4 8.8 13.2



#78

Pyrene

Concen: 45.137 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF137202.D

Acq: 31 Jan 2024 10:59

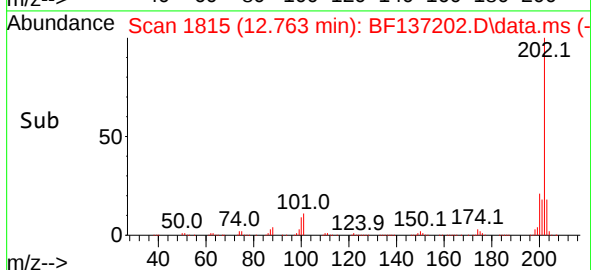
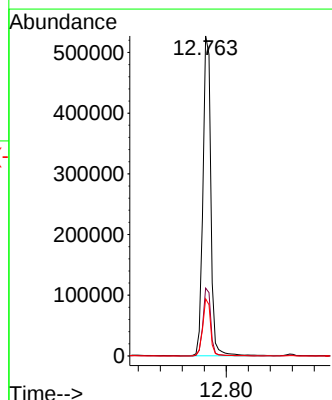
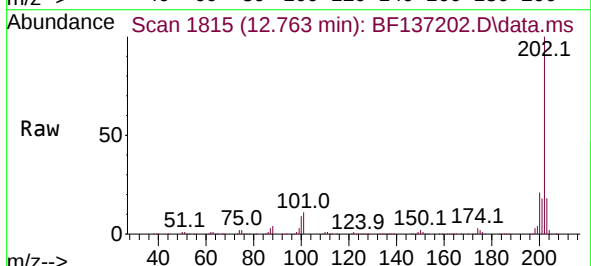
Tgt Ion:202 Resp: 522365

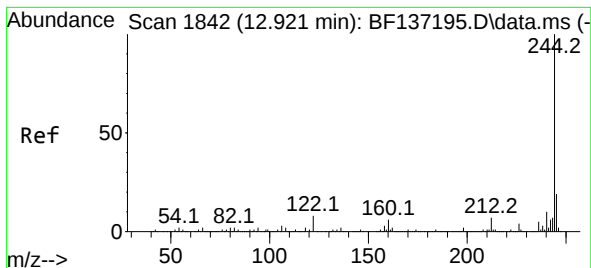
Ion Ratio Lower Upper

202 100

200 21.2 16.5 24.7

203 17.8 13.8 20.6





#79

Terphenyl-d14

Concen: 89.448 ng

RT: 12.915 min Scan# 1842

Delta R.T. -0.006 min

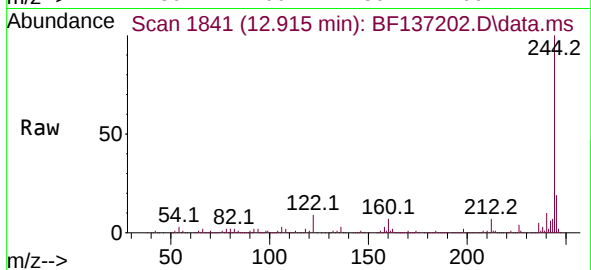
Lab File: BF137202.D

Acq: 31 Jan 2024 10:59

Instrument :

BNA_F

ClientSampleId :



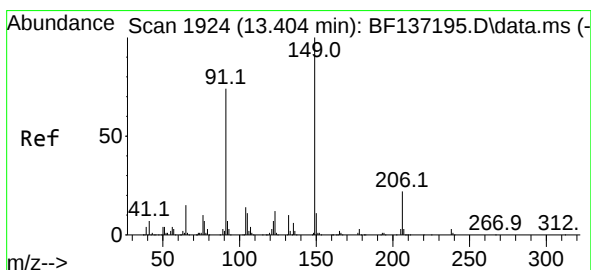
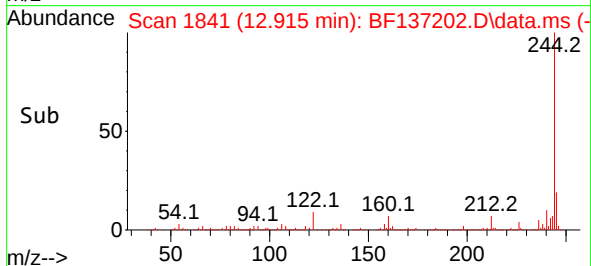
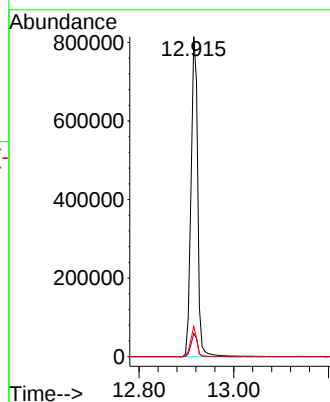
Tgt Ion:244 Resp: 792365

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

122 9.4 6.2 9.4#



#80

Butylbenzylphthalate

Concen: 42.890 ng

RT: 13.398 min Scan# 1923

Delta R.T. -0.006 min

Lab File: BF137202.D

Acq: 31 Jan 2024 10:59

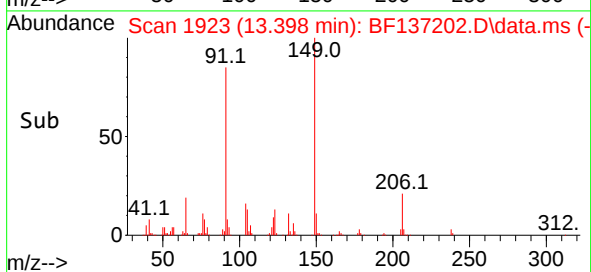
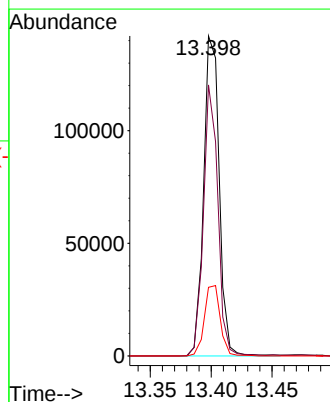
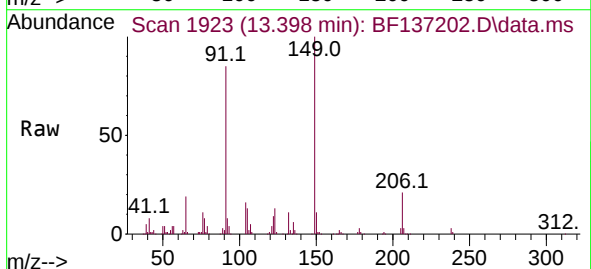
Tgt Ion:149 Resp: 126974

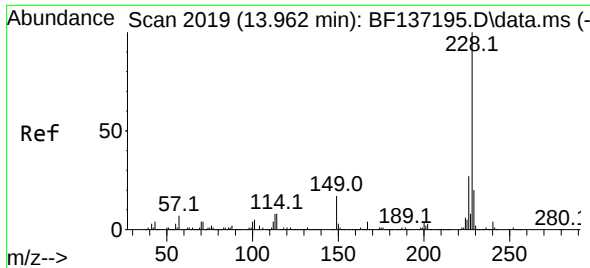
Ion Ratio Lower Upper

149 100

91 84.7 58.8 88.2

206 21.4 17.7 26.5

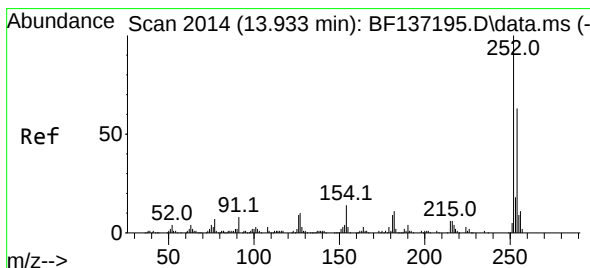
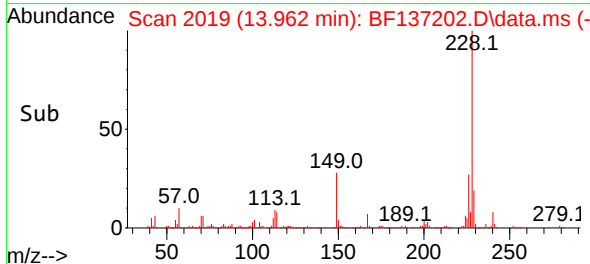
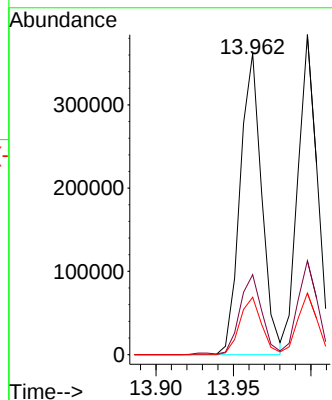
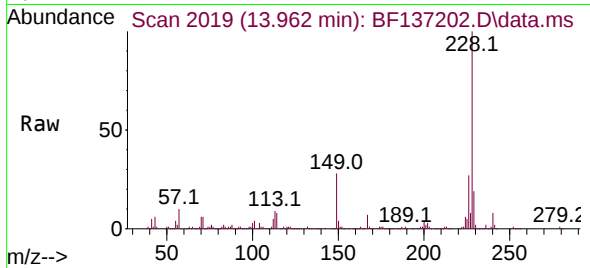




#81
Benzo(a)anthracene
Concen: 41.262 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF137202.D
Acq: 31 Jan 2024 10:59

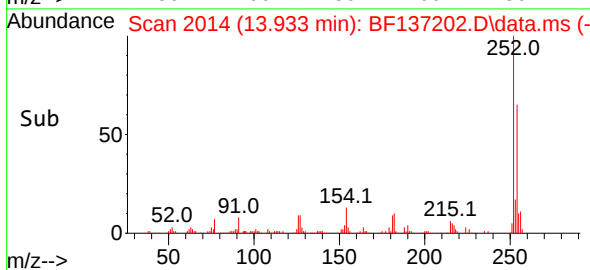
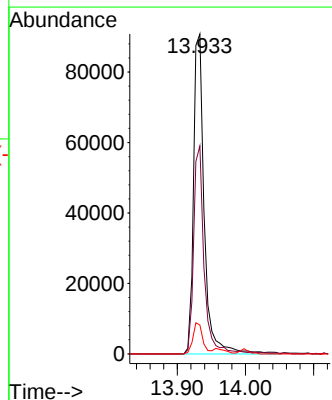
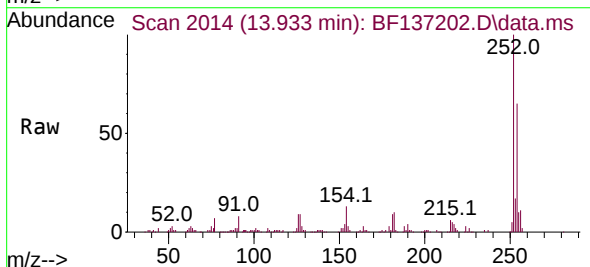
Instrument :
BNA_F
ClientSampleId :

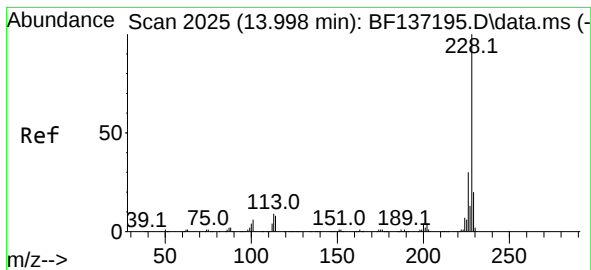
Tgt Ion:228 Resp: 351908
Ion Ratio Lower Upper
228 100
226 26.5 21.6 32.4
229 19.0 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 42.876 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF137202.D
Acq: 31 Jan 2024 10:59

Tgt Ion:252 Resp: 99627
Ion Ratio Lower Upper
252 100
254 65.0 50.2 75.2
126 9.0 7.0 10.6





#83

Chrysene

Concen: 41.663 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF137202.D

Acq: 31 Jan 2024 10:59

Instrument :

BNA_F

ClientSampleId :

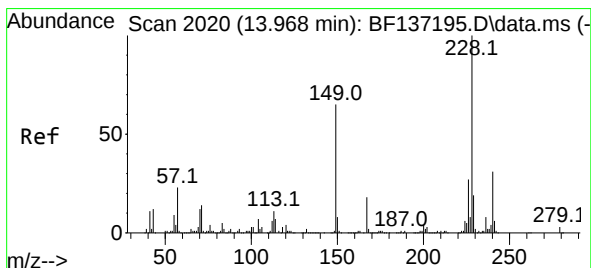
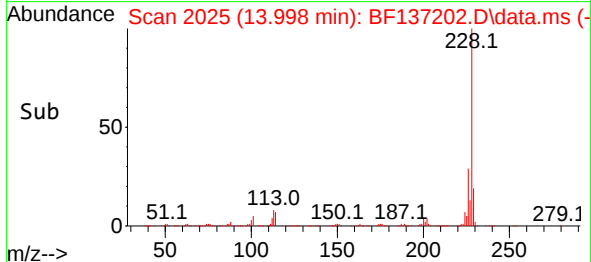
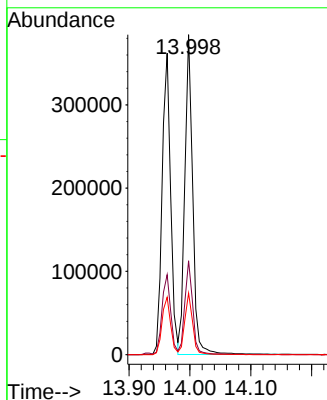
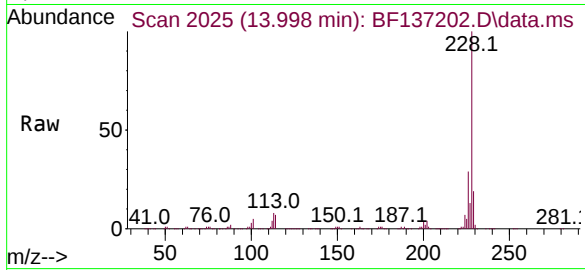
Tgt Ion:228 Resp: 349334

Ion Ratio Lower Upper

228 100

226 29.3 23.7 35.5

229 19.2 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.889 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BF137202.D

Acq: 31 Jan 2024 10:59

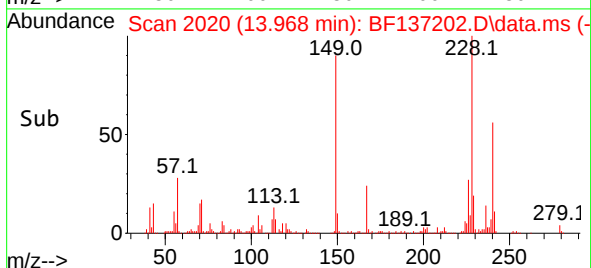
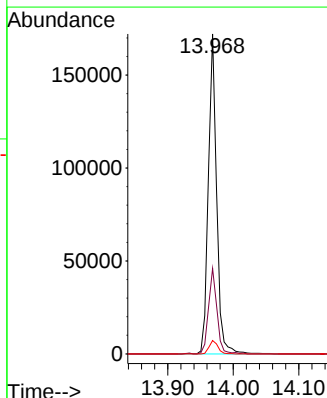
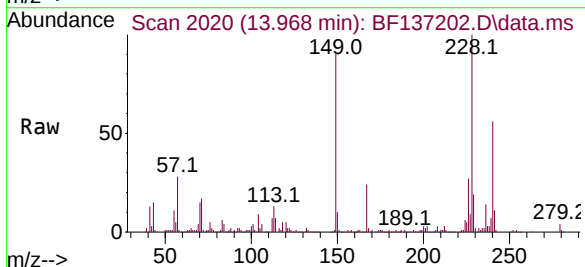
Tgt Ion:149 Resp: 151164

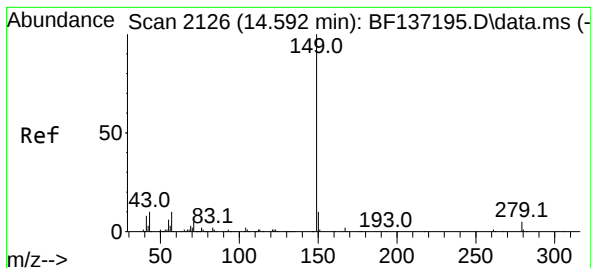
Ion Ratio Lower Upper

149 100

167 26.7 21.7 32.5

279 4.2 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 39.819 ng

RT: 14.586 min Scan# 21

Delta R.T. -0.006 min

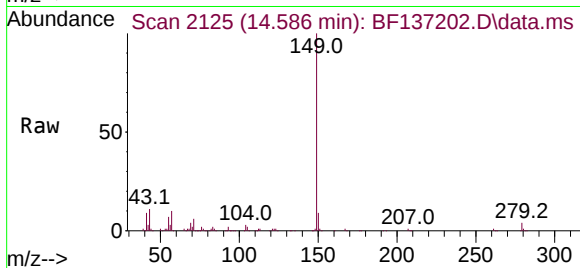
Lab File: BF137202.D

Acq: 31 Jan 2024 10:59

Instrument :

BNA_F

ClientSampleId :



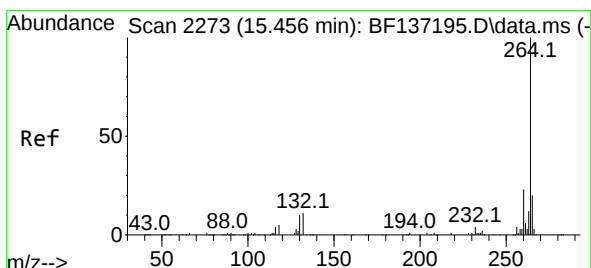
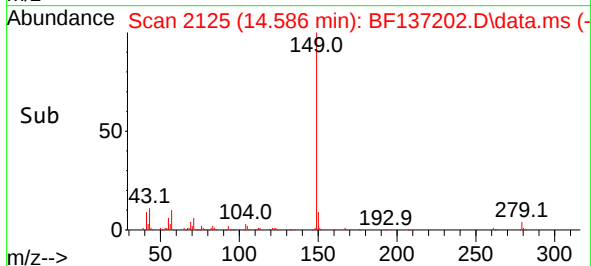
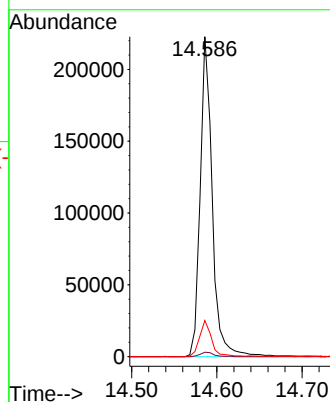
Tgt Ion:149 Resp: 218069

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

43 11.3 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF137202.D

Acq: 31 Jan 2024 10:59

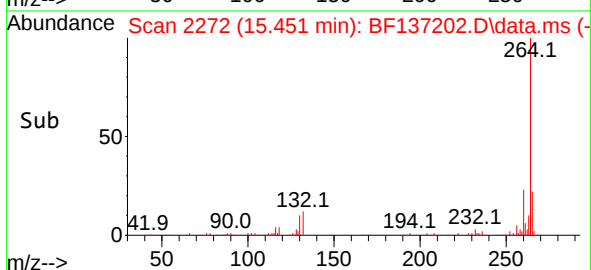
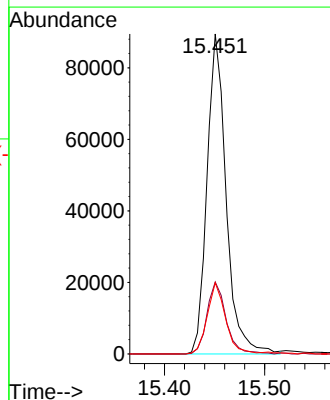
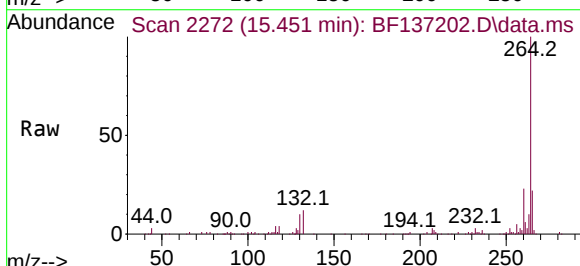
Tgt Ion:264 Resp: 118310

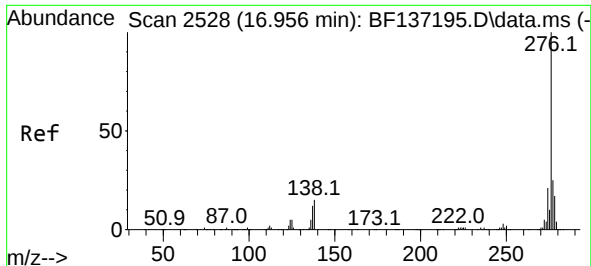
Ion Ratio Lower Upper

264 100

260 22.5 18.2 27.4

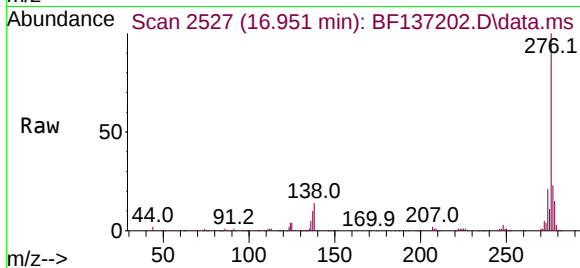
265 22.2 16.2 24.2



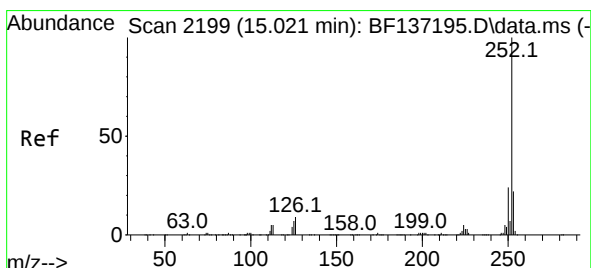
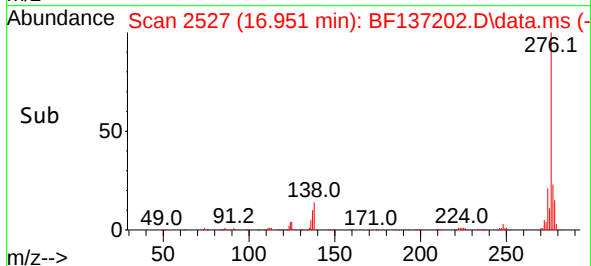
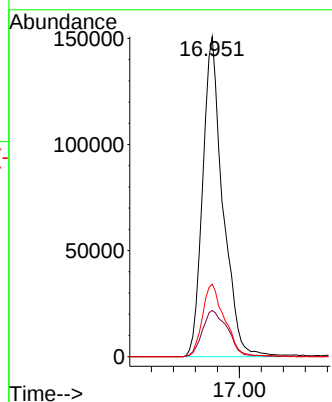


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.110 ng
 RT: 16.951 min Scan# 2198
 Delta R.T. -0.006 min
 Lab File: BF137202.D
 Acq: 31 Jan 2024 10:59

Instrument :
 BNA_F
 ClientSampleId :

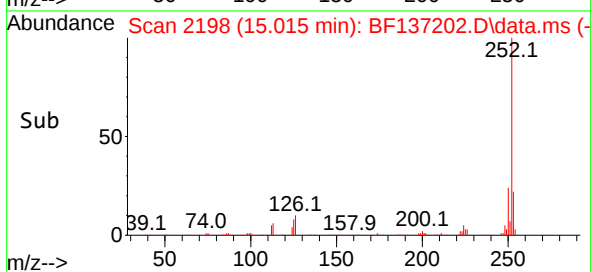
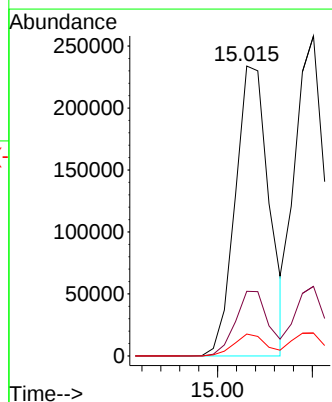
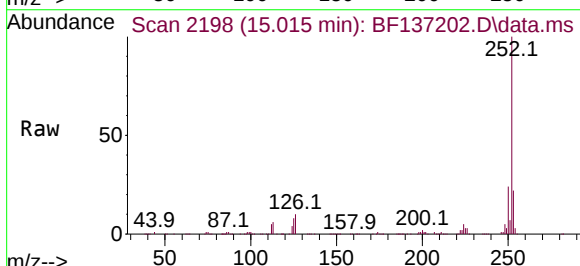


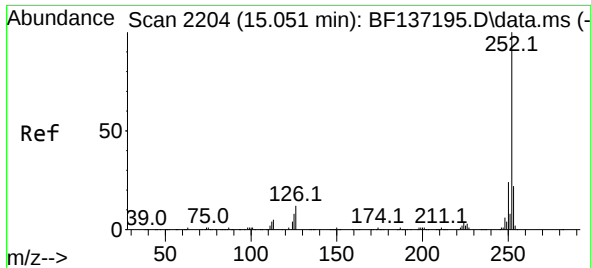
Tgt Ion:276 Resp: 383263
 Ion Ratio Lower Upper
 276 100
 138 18.0 14.6 21.8
 277 24.9 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 39.998 ng
 RT: 15.015 min Scan# 2198
 Delta R.T. -0.006 min
 Lab File: BF137202.D
 Acq: 31 Jan 2024 10:59

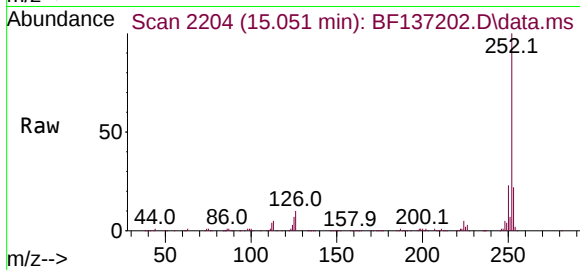
Tgt Ion:252 Resp: 291020
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.9 26.9
 125 7.5 5.4 8.2



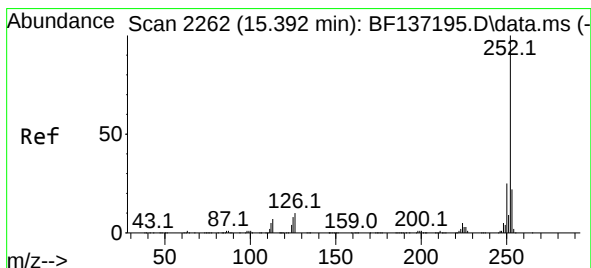
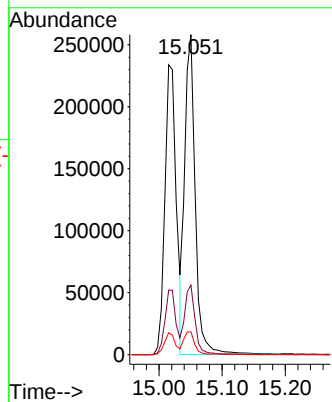
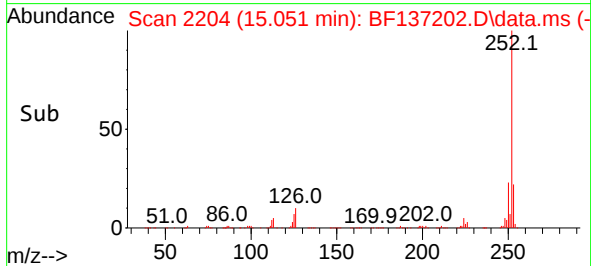


#89
Benzo(k)fluoranthene
Concen: 38.914 ng
RT: 15.051 min Scan# 2204
Delta R.T. -0.000 min
Lab File: BF137202.D
Acq: 31 Jan 2024 10:59

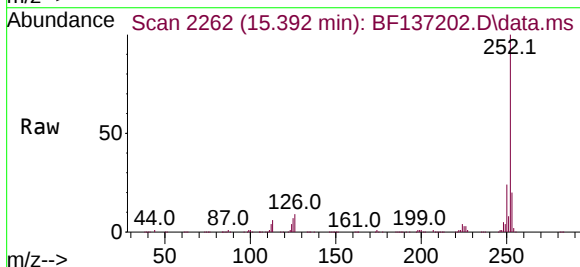
Instrument :
BNA_F
ClientSampleId :



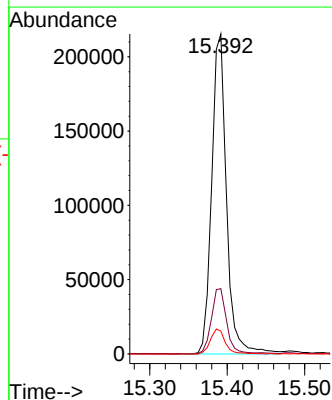
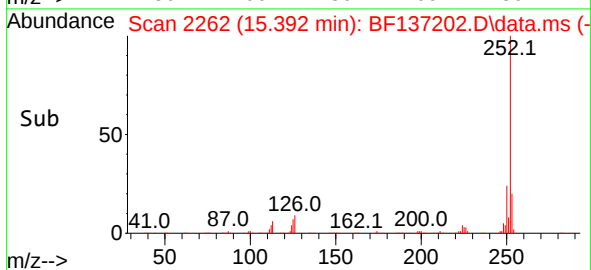
Tgt Ion:252 Resp: 299523
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 7.1 5.9 8.9

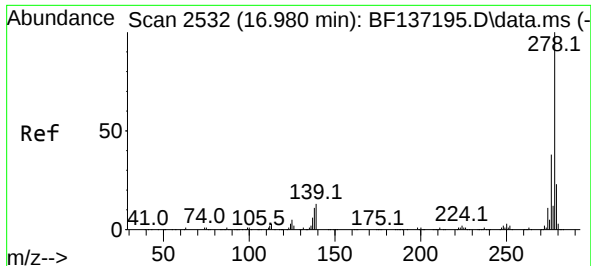


#90
Benzo(a)pyrene
Concen: 41.715 ng
RT: 15.392 min Scan# 2262
Delta R.T. -0.000 min
Lab File: BF137202.D
Acq: 31 Jan 2024 10:59



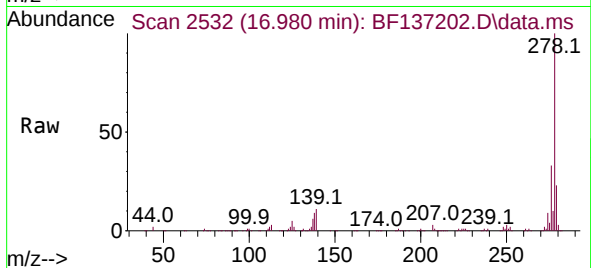
Tgt Ion:252 Resp: 285626
Ion Ratio Lower Upper
252 100
253 20.4 17.8 26.6
125 7.1 6.5 9.7



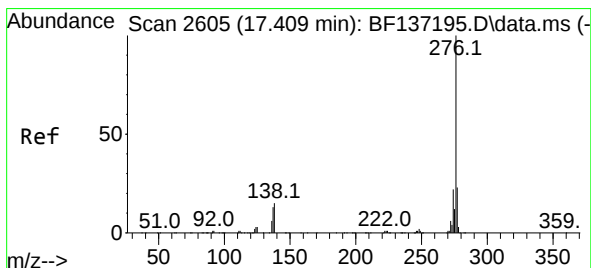
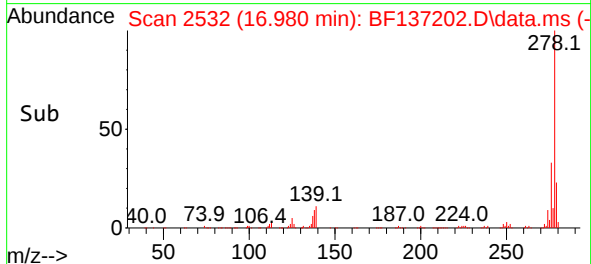
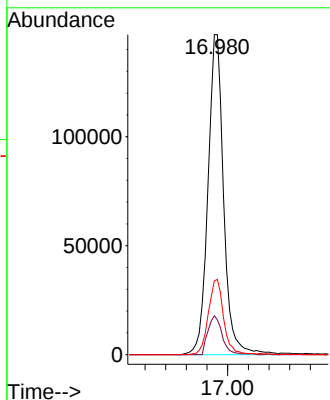


#91
Dibenzo(a,h)anthracene
Concen: 46.442 ng
RT: 16.980 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF137202.D
Acq: 31 Jan 2024 10:59

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:278 Resp: 309308
Ion Ratio Lower Upper
278 100
139 10.8 10.0 15.0
279 23.5 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 45.973 ng
RT: 17.403 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF137202.D
Acq: 31 Jan 2024 10:59

Tgt Ion:276 Resp: 300518
Ion Ratio Lower Upper
276 100
277 23.5 18.4 27.6
138 15.0 11.8 17.8

