

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022824\
 Data File : BF137424.D
 Acq On : 28 Feb 2024 15:53
 Operator : CG\JU
 Sample : PB159308BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 28 16:38:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 24 04:23:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	251106	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	1010349	20.000	ng	-0.02
39) Acenaphthene-d10	9.822	164	530627	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	914232	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	495965	20.000	ng	0.00
86) Perylene-d12	15.457	264	430478	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2047285	125.804	ng	0.00
7) Phenol-d6	6.434	99	2807813	117.292	ng	0.00
23) Nitrobenzene-d5	7.351	82	1779205	87.916	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	594794	128.723	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	2673912	78.452	ng	-0.01
79) Terphenyl-d14	12.916	244	2943896	83.022	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	335868	37.675	ng	98
3) Pyridine	3.422	79	779337	34.806	ng	97
4) n-Nitrosodimethylamine	3.399	42	396820	46.461	ng	99
6) Aniline	6.451	93	660172	23.255	ng	# 68
8) 2-Chlorophenol	6.569	128	815489	46.721	ng	97
9) Benzaldehyde	6.334	77	144605	12.547	ng	97
10) Phenol	6.445	94	1087979	41.527	ng	86
11) bis(2-Chloroethyl)ether	6.528	93	857349	45.035	ng	98
12) 1,3-Dichlorobenzene	6.722	146	816301	43.550	ng	99
13) 1,4-Dichlorobenzene	6.798	146	837982	43.423	ng	99
14) 1,2-Dichlorobenzene	6.951	146	790852	44.304	ng	98
15) Benzyl Alcohol	6.934	79	747098	52.355	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.057	45	1368649	43.253	ng	97
17) 2-Methylphenol	7.045	107	673547	40.784	ng	95
18) Hexachloroethane	7.292	117	286989	43.156	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	600963	40.739	ng	96
20) 3+4-Methylphenols	7.198	107	772744	41.053	ng	94
22) Acetophenone	7.192	105	1078675	44.027	ng	# 96
24) Nitrobenzene	7.369	77	932626	45.353	ng	97
25) Isophorone	7.610	82	1748092	41.769	ng	99
26) 2-Nitrophenol	7.681	139	405405	51.376	ng	96
27) 2,4-Dimethylphenol	7.728	122	599845	38.972	ng	96
28) bis(2-Chloroethoxy)met...	7.822	93	1051230	43.579	ng	100
29) 2,4-Dichlorophenol	7.928	162	661366	45.846	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	679300	43.871	ng	98
31) Naphthalene	8.087	128	2247386	41.449	ng	99
32) Benzoic acid	7.875	122	432549	46.227	ng	98
33) 4-Chloroaniline	8.139	127	240945	11.684	ng	97
34) Hexachlorobutadiene	8.204	225	384495	41.800	ng	99
35) Caprolactam	8.522	113	114094	25.575	ng	99
36) 4-Chloro-3-methylphenol	8.628	107	719414	43.989	ng	98
37) 2-Methylnaphthalene	8.781	142	1353801	38.748	ng	99
38) 1-Methylnaphthalene	8.881	142	1303296	39.455	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	641048	43.862	ng	98
41) Hexachlorocyclopentadiene	8.934	237	534061	80.597	ng	97
43) 2,4,6-Trichlorophenol	9.063	196	449760	47.463	ng	99

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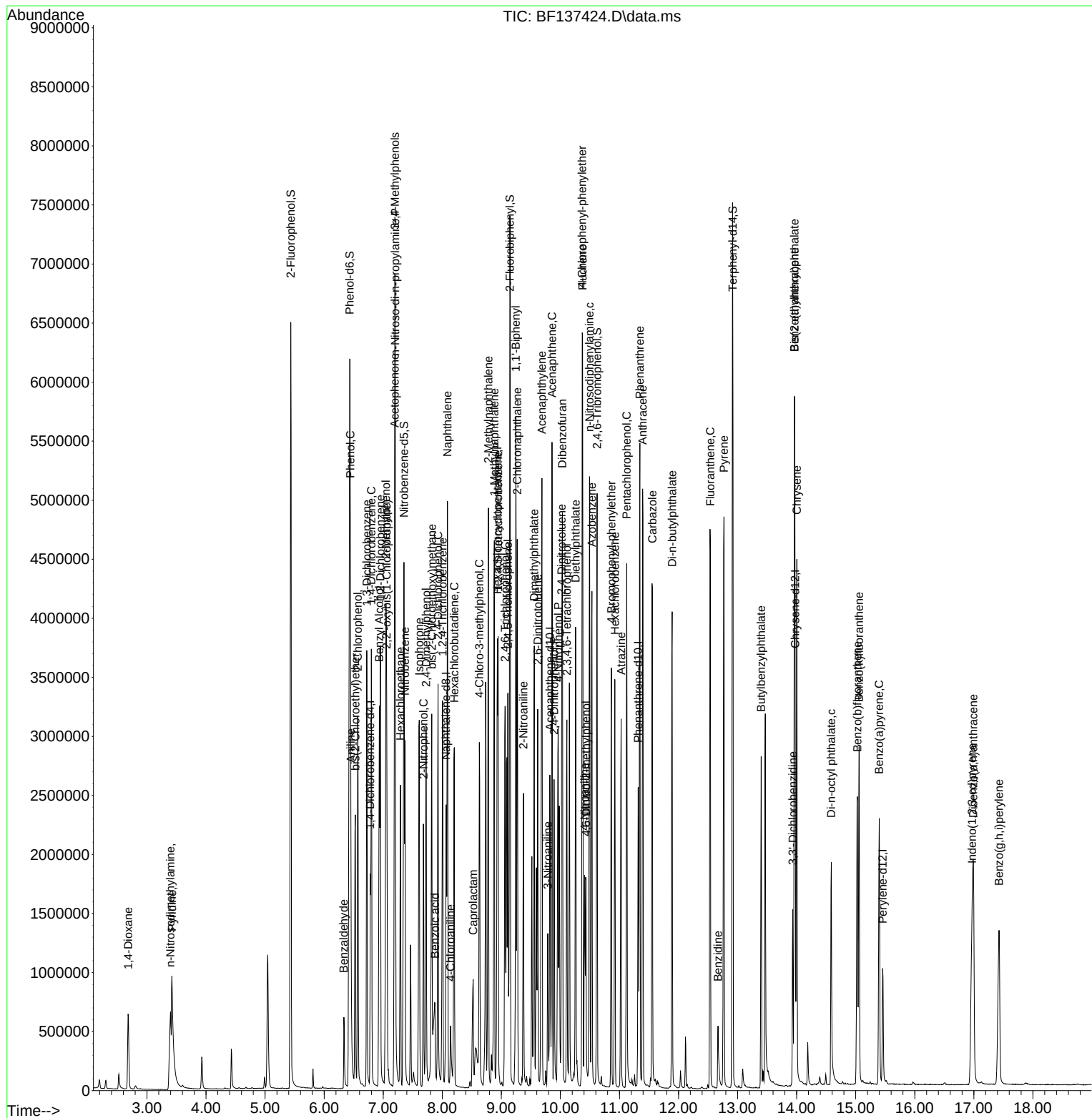
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	455163	41.868	ng	99
46) 1,1'-Biphenyl	9.245	154	1670574	43.226	ng	99
47) 2-Chloronaphthalene	9.269	162	1312145	44.958	ng	100
48) 2-Nitroaniline	9.375	65	462272	51.782	ng	93
49) Acenaphthylene	9.686	152	2091827	44.113	ng	100
50) Dimethylphthalate	9.557	163	1556832	42.460	ng	99
51) 2,6-Dinitrotoluene	9.616	165	337683	49.505	ng	# 88
52) Acenaphthene	9.857	154	1186090	41.902	ng	98
53) 3-Nitroaniline	9.786	138	201721	26.968	ng	100
54) 2,4-Dinitrophenol	9.892	184	357371	103.442	ng	94
55) Dibenzofuran	10.033	168	1779880	40.684	ng	99
56) 4-Nitrophenol	9.963	139	540872	92.789	ng	100
57) 2,4-Dinitrotoluene	10.022	165	423060	49.032	ng	98
58) Fluorene	10.375	166	1346565	40.303	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.110	232	392874	43.640	ng	99
60) Diethylphthalate	10.257	149	1432159	41.836	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	634165	38.586	ng	99
62) 4-Nitroaniline	10.410	138	309291	43.275	ng	98
63) Azobenzene	10.533	77	1698726	41.475	ng	97
65) 4,6-Dinitro-2-methylph...	10.433	198	236283	52.399	ng	88
66) n-Nitrosodiphenylamine	10.492	169	1240062	41.765	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	412347	41.955	ng	96
68) Hexachlorobenzene	10.922	284	443170	43.588	ng	97
69) Atrazine	11.028	200	355610	44.380	ng	99
70) Pentachlorophenol	11.122	266	520120	80.743	ng	99
71) Phenanthrene	11.345	178	2064293	40.926	ng	99
72) Anthracene	11.392	178	2126507	40.909	ng	100
73) Carbazole	11.557	167	1902208	42.831	ng	99
74) Di-n-butylphthalate	11.892	149	2162471	48.662	ng	99
75) Fluoranthene	12.539	202	2073303	42.110	ng	98
77) Benzidine	12.669	184	303260	37.571	ng	96
78) Pyrene	12.769	202	2094157	44.654	ng	100
80) Butylbenzylphthalate	13.398	149	563636	69.779	ng	93
81) Benzo(a)anthracene	13.963	228	1522551	44.240	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	322605	41.016	ng	99
83) Chrysene	14.004	228	1515502	43.107	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	700238	68.989	ng	99
85) Di-n-octyl phthalate	14.586	149	1101428	61.544	ng	# 90
87) Indeno(1,2,3-cd)pyrene	16.968	276	1353903	45.522	ng	100
88) Benzo(b)fluoranthene	15.027	252	1238518	46.900	ng	99
89) Benzo(k)fluoranthene	15.057	252	1217457	43.986	ng	98
90) Benzo(a)pyrene	15.398	252	1124192	44.880	ng	100
91) Dibenzo(a,h)anthracene	16.992	278	1086912	44.617	ng	98
92) Benzo(g,h,i)perylene	17.427	276	1110579	44.158	ng	99

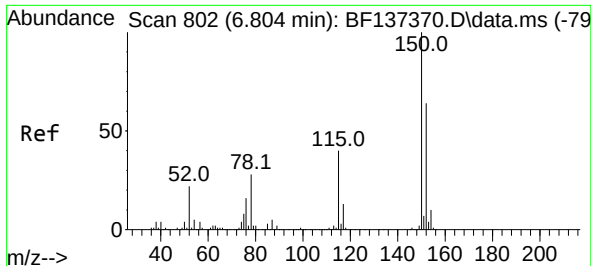
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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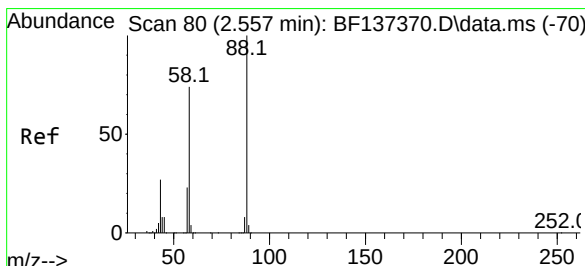
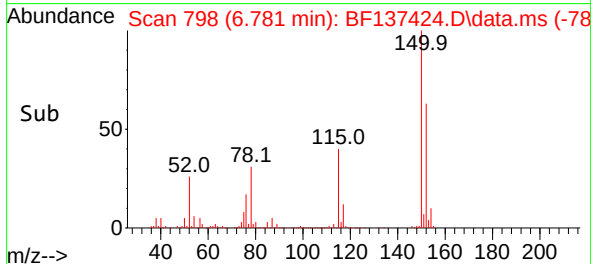
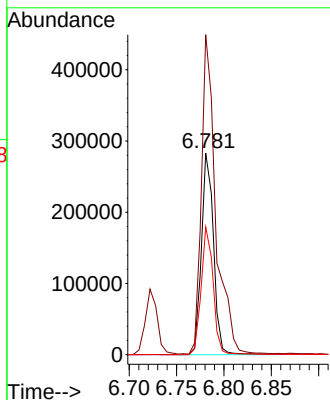
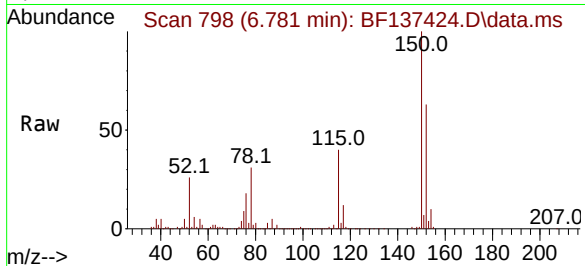




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.023 min
 Lab File: BF137424.D
 Acq: 28 Feb 2024 15:53

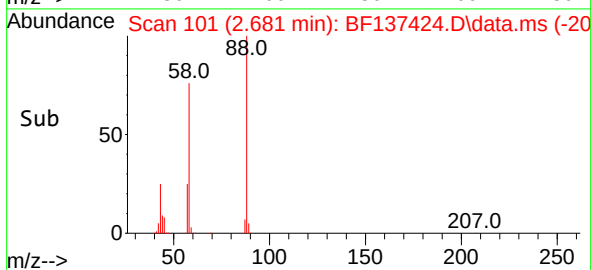
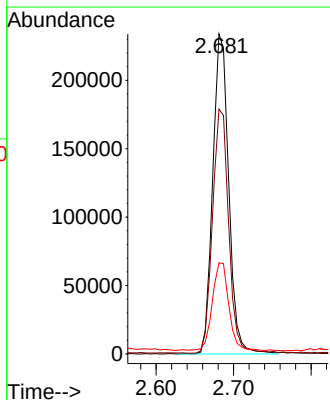
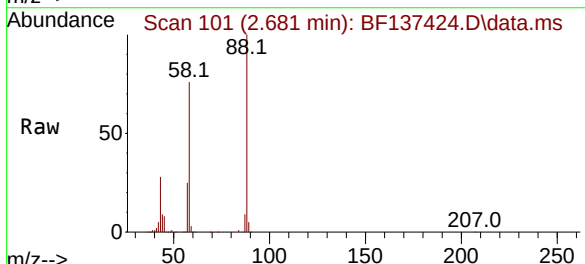
Instrument :
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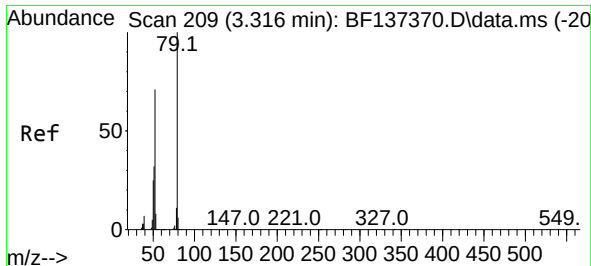
Tgt Ion:152 Resp: 251106
 Ion Ratio Lower Upper
 152 100
 150 158.7 125.7 188.5
 115 63.3 49.8 74.8



#2
 1,4-Dioxane
 Concen: 37.675 ng
 RT: 2.681 min Scan# 101
 Delta R.T. 0.124 min
 Lab File: BF137424.D
 Acq: 28 Feb 2024 15:53

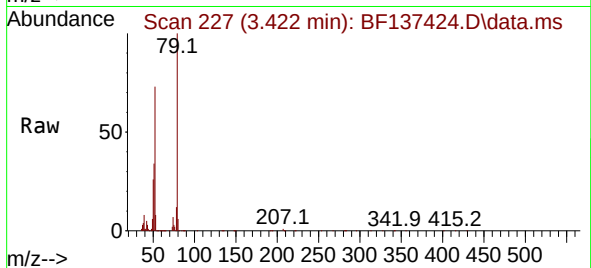
Tgt Ion: 88 Resp: 335868
 Ion Ratio Lower Upper
 88 100
 58 77.3 60.6 91.0
 43 28.1 22.0 33.0



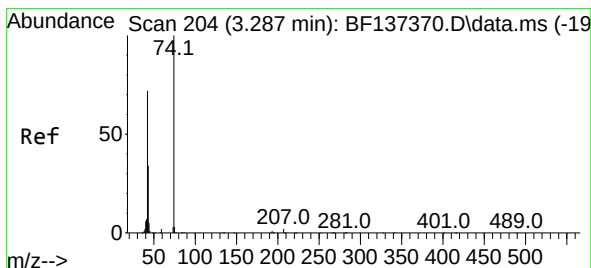
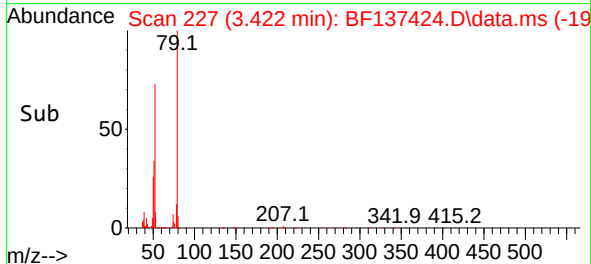
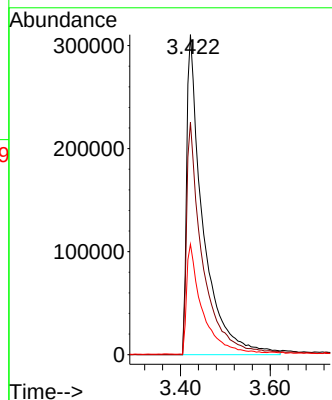


#3
Pyridine
Concen: 34.806 ng
RT: 3.422 min Scan# 21
Delta R.T. 0.106 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Instrument :
BNA_F
ClientSampleId :

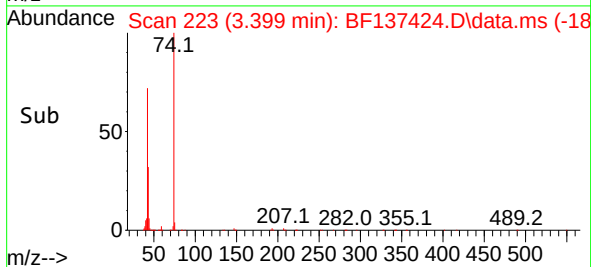
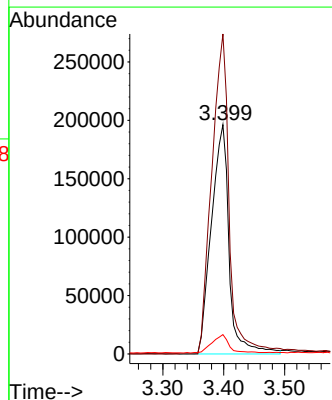
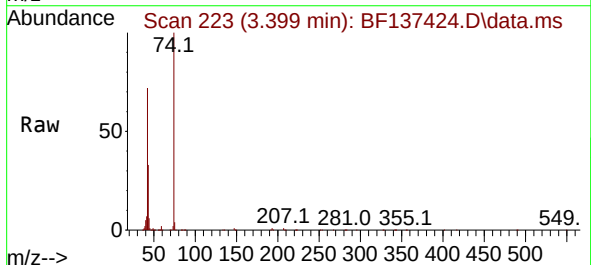


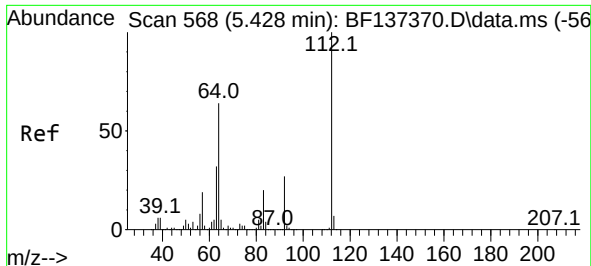
Tgt Ion: 79 Resp: 779337
Ion Ratio Lower Upper
79 100
52 72.6 56.5 84.7
51 34.5 26.2 39.2



#4
n-Nitrosodimethylamine
Concen: 46.461 ng
RT: 3.399 min Scan# 223
Delta R.T. 0.112 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Tgt Ion: 42 Resp: 396820
Ion Ratio Lower Upper
42 100
74 139.6 110.8 166.2
44 8.5 6.0 9.0

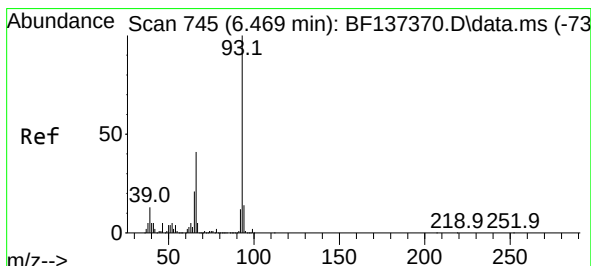
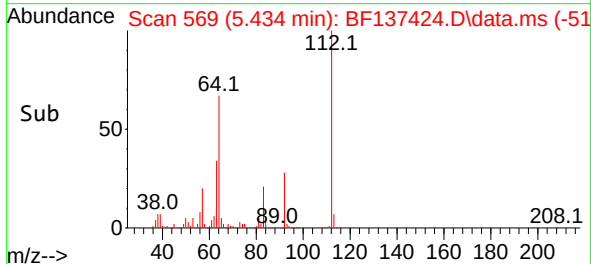
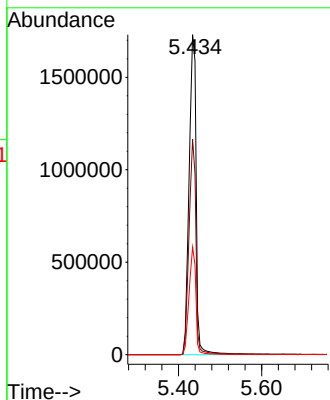
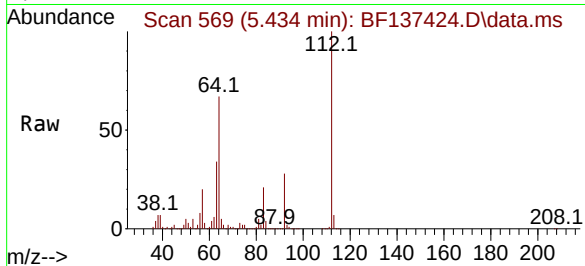




#5
2-Fluorophenol
Concen: 125.804 ng
RT: 5.434 min Scan# 501
Delta R.T. 0.006 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

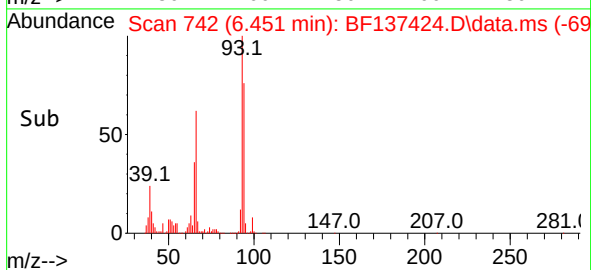
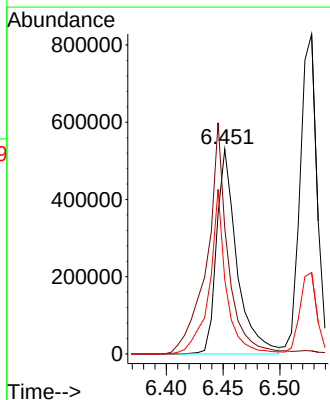
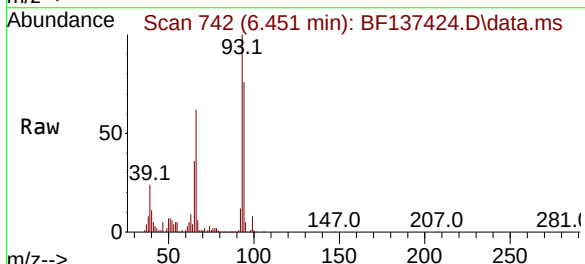
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BNA_F
ClientSampleId :

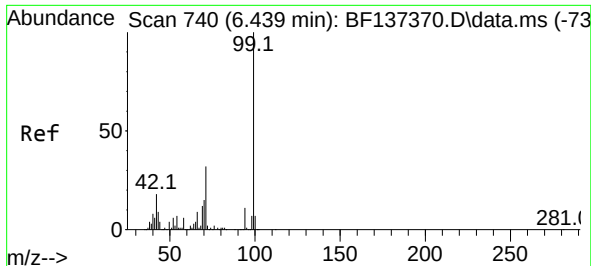
Tgt Ion:112 Resp: 2047285
Ion Ratio Lower Upper
112 100
64 67.3 51.0 76.6
63 33.6 25.7 38.5



#6
Aniline
Concen: 23.255 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.018 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Tgt Ion: 93 Resp: 660172
Ion Ratio Lower Upper
93 100
66 61.5 33.0 49.4#
65 36.2 17.0 25.6#

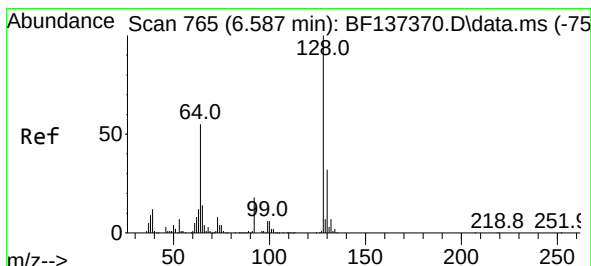
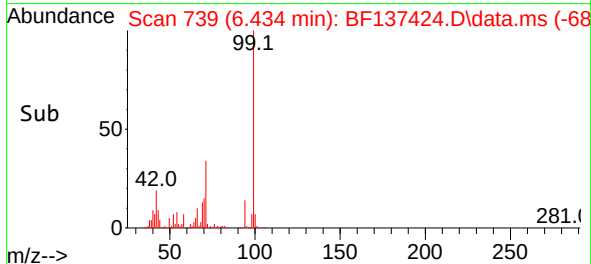
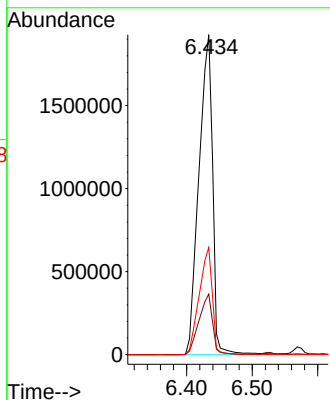
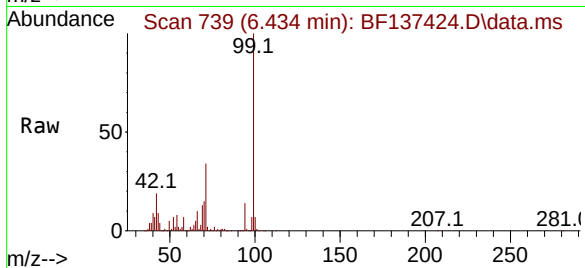




#7
Phenol-d6
Concen: 117.292 ng
RT: 6.434 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

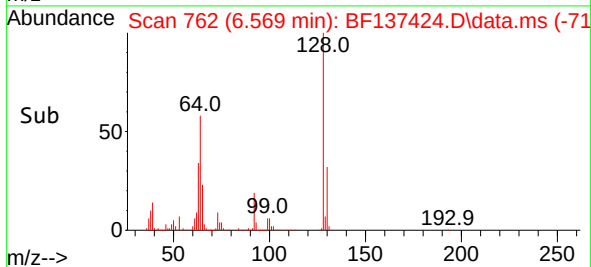
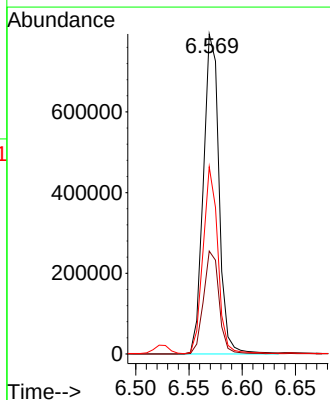
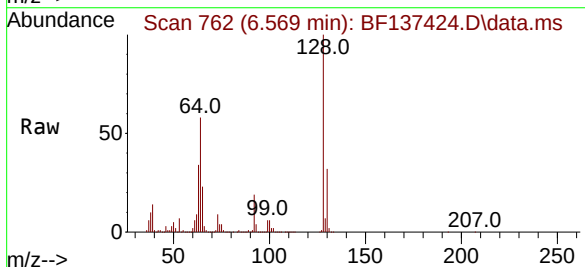
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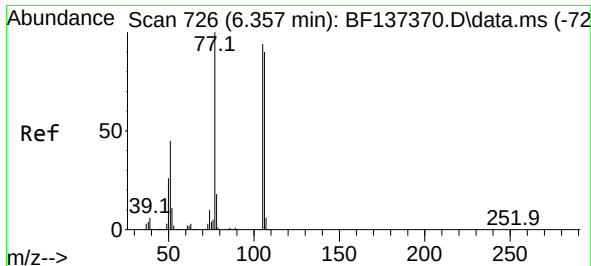
Tgt Ion: 99 Resp: 2807813
Ion Ratio Lower Upper
99 100
42 18.9 14.2 21.4
71 33.5 25.2 37.8



#8
2-Chlorophenol
Concen: 46.721 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.018 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Tgt Ion: 128 Resp: 815489
Ion Ratio Lower Upper
128 100
130 32.2 12.1 52.1
64 58.5 35.3 75.3





#9

Benzaldehyde

Concen: 12.547 ng

RT: 6.334 min Scan# 71

Delta R.T. -0.023 min

Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

Instrument :

BNA_F

ClientSampleId :

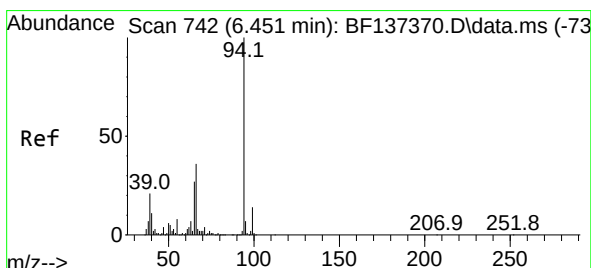
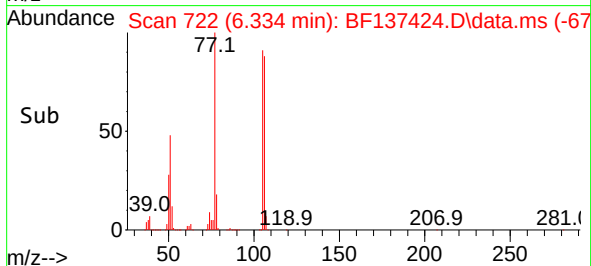
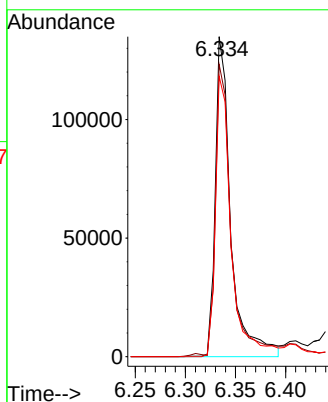
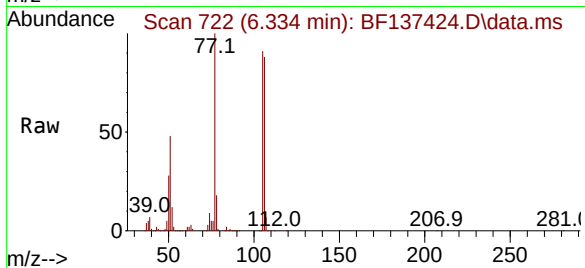
Tgt Ion: 77 Resp: 144605

Ion Ratio Lower Upper

77 100

105 91.3 74.1 114.1

106 87.6 70.2 110.2



#10

Phenol

Concen: 41.527 ng

RT: 6.445 min Scan# 741

Delta R.T. -0.006 min

Lab File: BF137424.D

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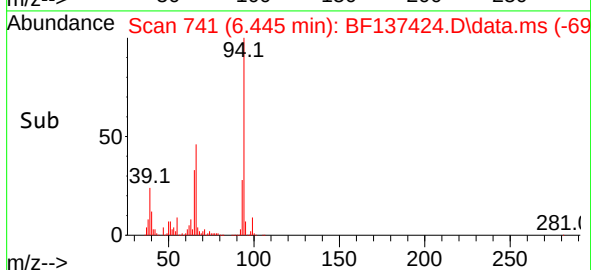
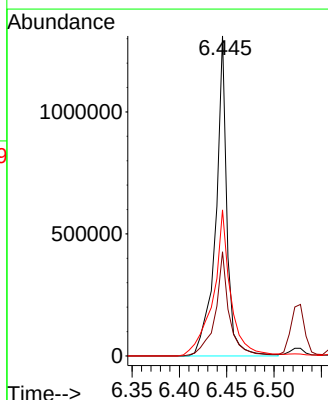
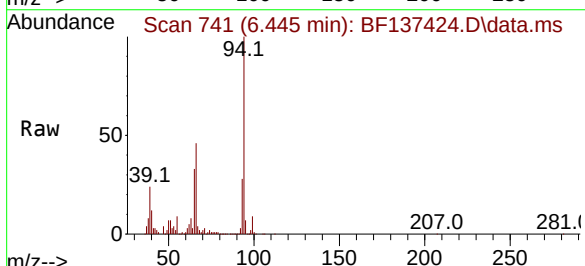
Tgt Ion: 94 Resp: 1087979

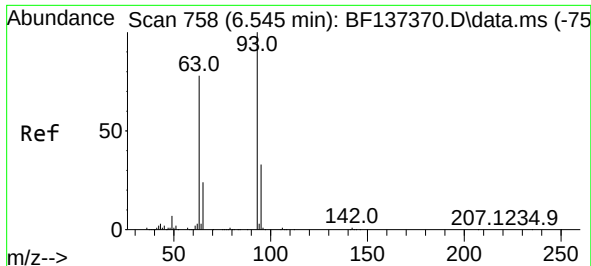
Ion Ratio Lower Upper

94 100

65 32.5 7.4 47.4

66 45.7 15.6 55.6





#11

bis(2-Chloroethyl)ether

Concen: 45.035 ng

RT: 6.528 min Scan# 70

Delta R.T. -0.018 min

Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

Instrument :

BNA_F

ClientSampleId :

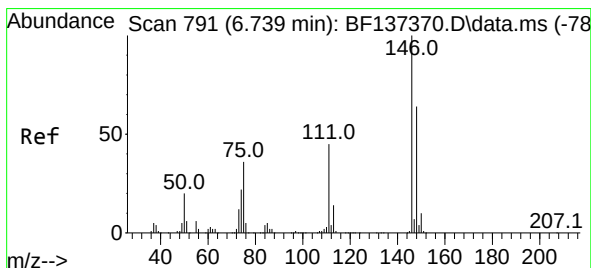
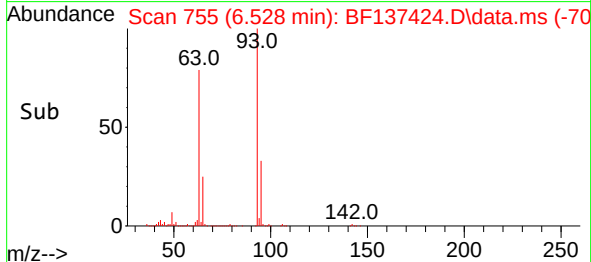
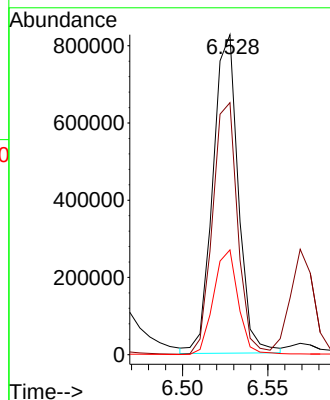
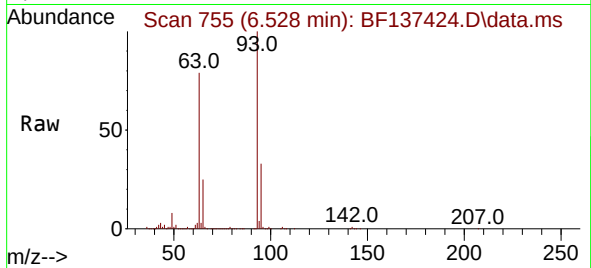
Tgt Ion: 93 Resp: 857349

Ion Ratio Lower Upper

93 100

63 78.7 56.1 96.1

95 32.8 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 43.550 ng

RT: 6.722 min Scan# 788

Delta R.T. -0.018 min

Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

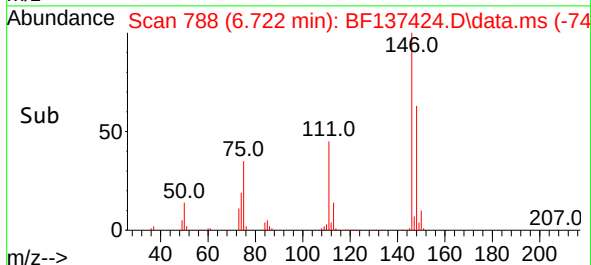
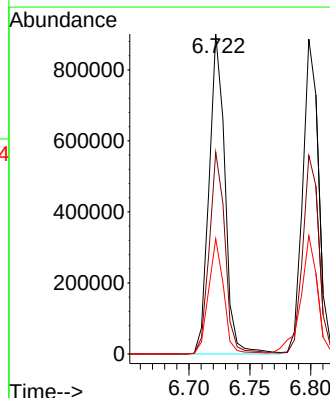
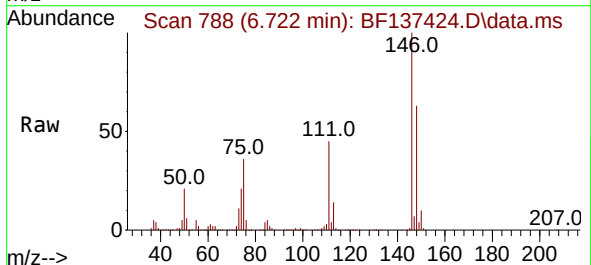
Tgt Ion:146 Resp: 816301

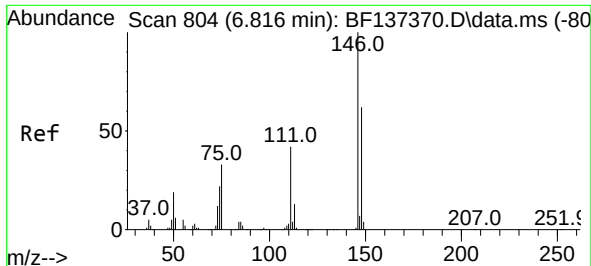
Ion Ratio Lower Upper

146 100

148 63.1 50.9 76.3

75 36.0 28.5 42.7





#13

1,4-Dichlorobenzene

Concen: 43.423 ng

RT: 6.798 min Scan# 804

Delta R.T. -0.018 min

Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

Instrument :

BNA_F

ClientSampleId :

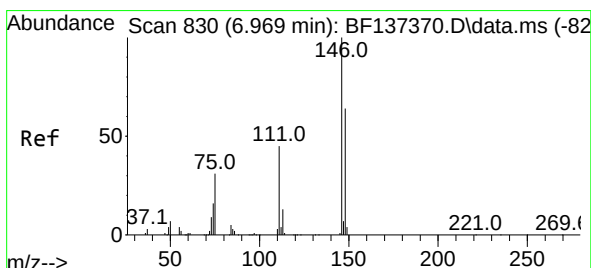
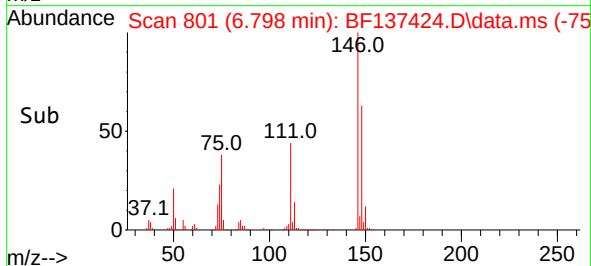
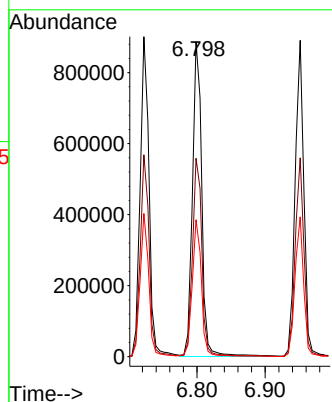
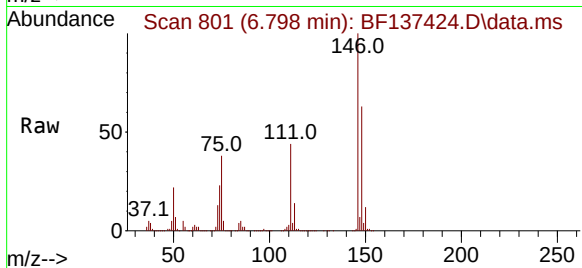
Tgt Ion:146 Resp: 837982

Ion Ratio Lower Upper

146 100

148 63.0 49.9 74.9

111 43.5 34.3 51.5



#14

1,2-Dichlorobenzene

Concen: 44.304 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.018 min

Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

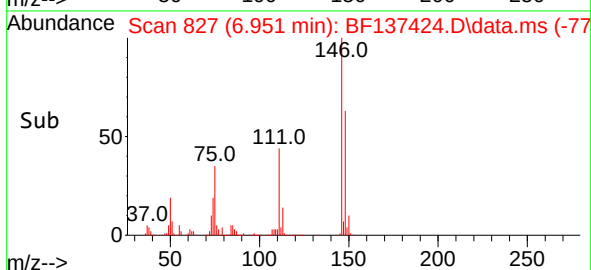
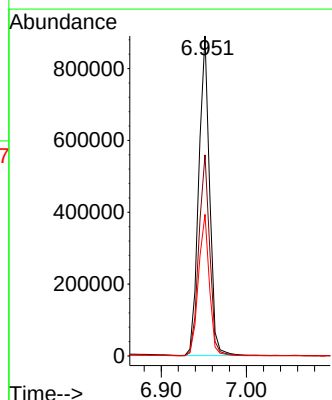
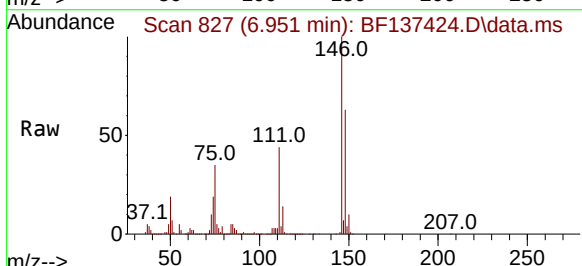
Tgt Ion:146 Resp: 790852

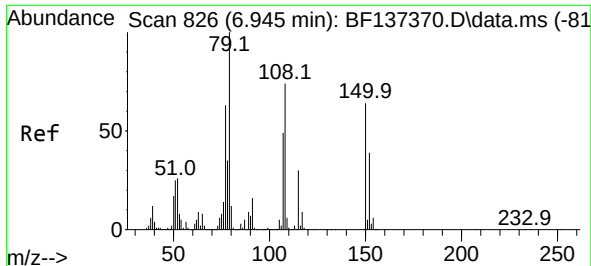
Ion Ratio Lower Upper

146 100

148 62.9 51.4 77.0

111 44.2 36.6 54.8

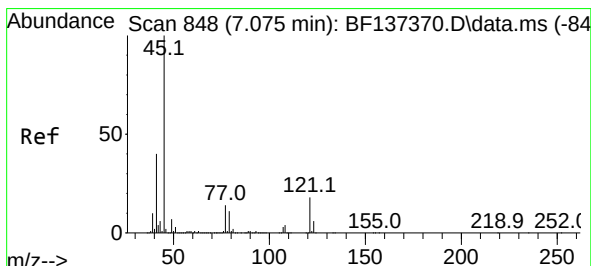
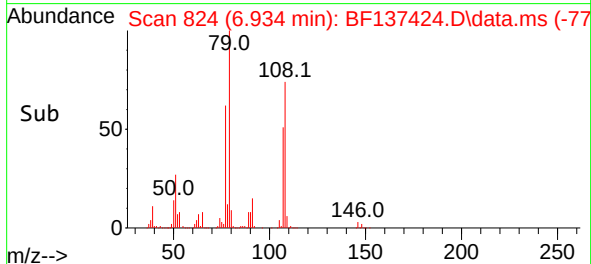
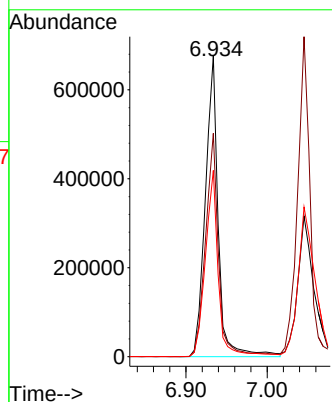
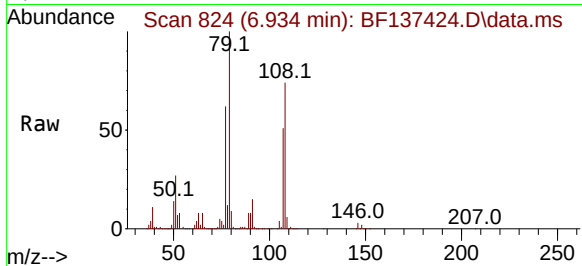




#15
Benzyl Alcohol
Concen: 52.355 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

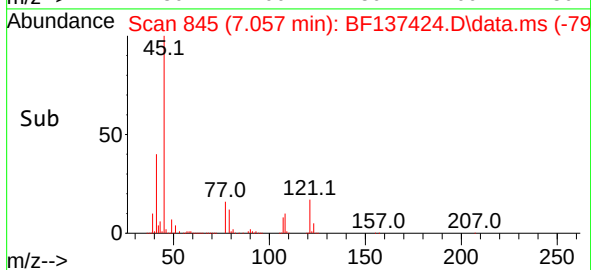
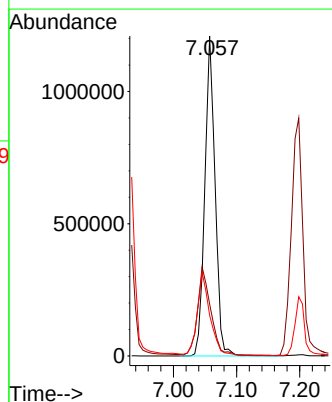
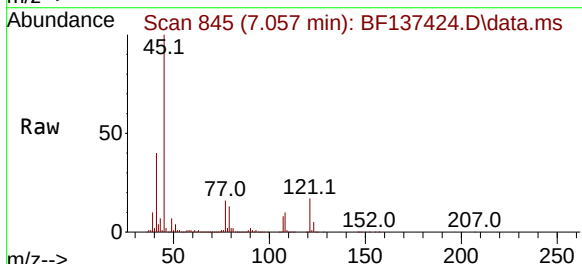
Instrument :
BNA_F
ClientSampleId :

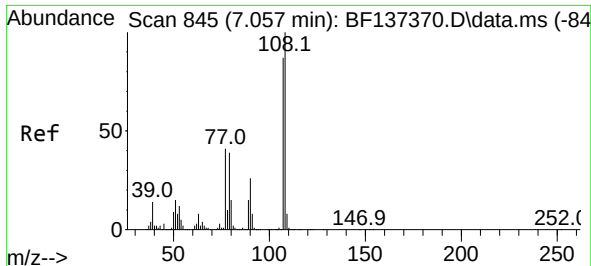
Tgt Ion: 79 Resp: 747098
Ion Ratio Lower Upper
79 100
108 74.2 59.5 89.3
77 61.9 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.253 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.018 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

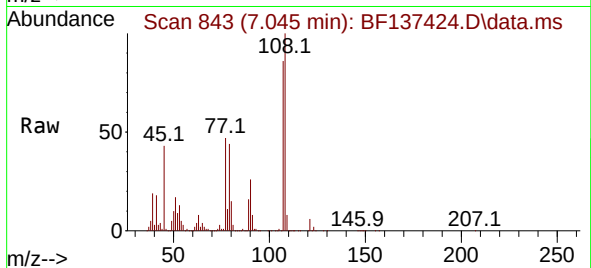
Tgt Ion: 45 Resp: 1368649
Ion Ratio Lower Upper
45 100
77 16.2 0.0 34.6
79 12.7 0.0 31.6



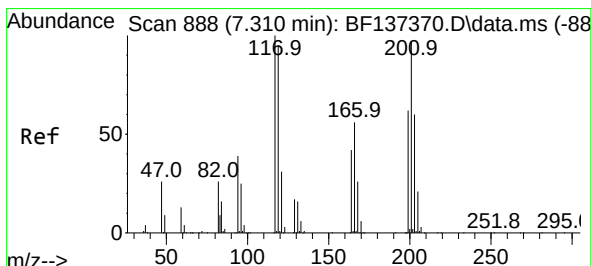
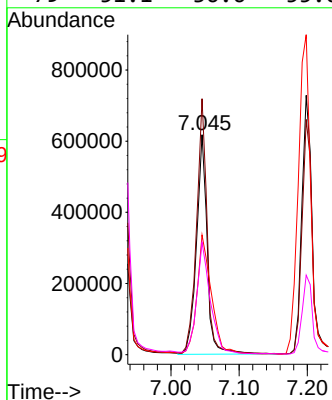
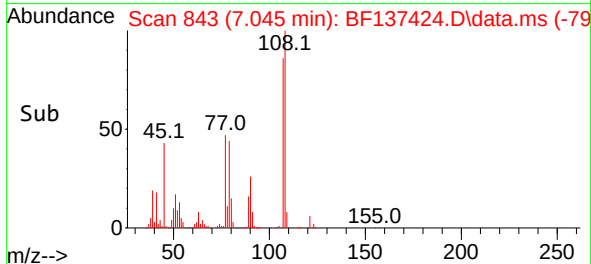


#17
2-Methylphenol
Concen: 40.784 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

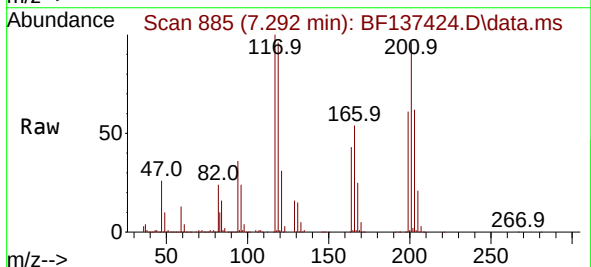
Instrument :
BNA_F
ClientSampleId :



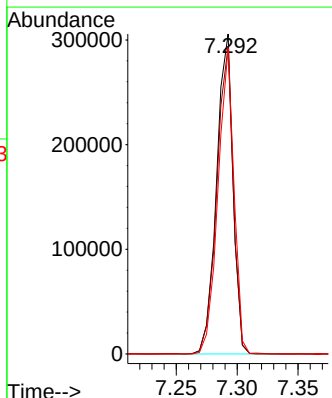
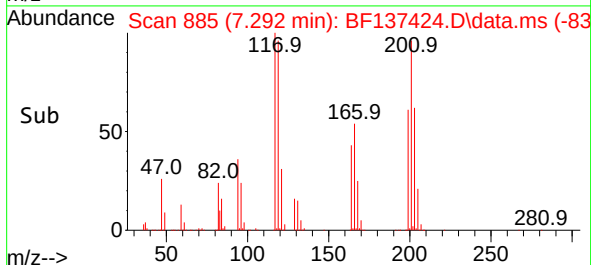
Tgt Ion:	107	Resp:	673547
Ion	Ratio	Lower	Upper
107	100		
108	116.4	92.2	138.4
77	54.4	38.1	57.1
79	51.1	36.6	55.0

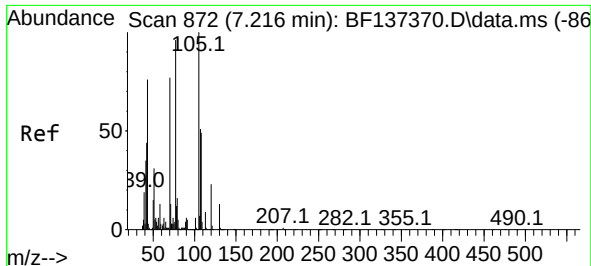


#18
Hexachloroethane
Concen: 43.156 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.018 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53



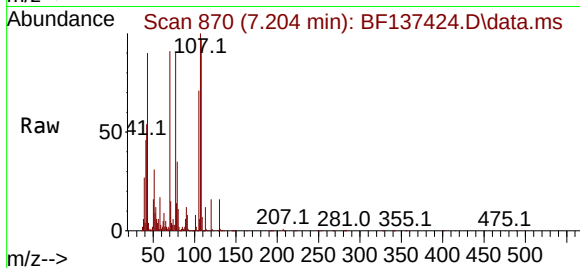
Tgt Ion:	117	Resp:	286989
Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.2	114.4
201	95.5	77.6	116.4



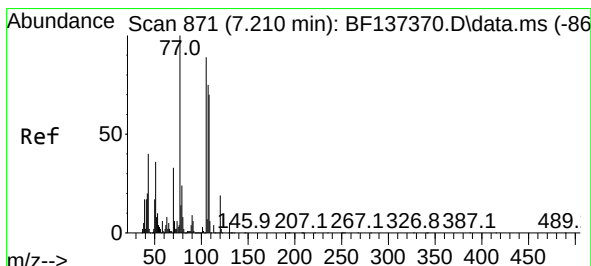
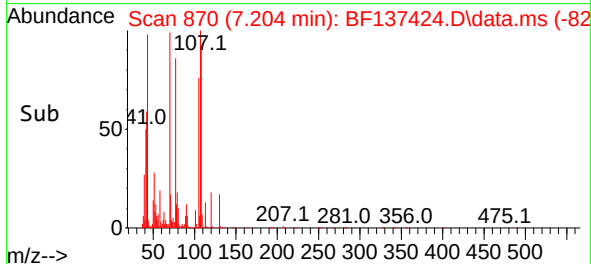
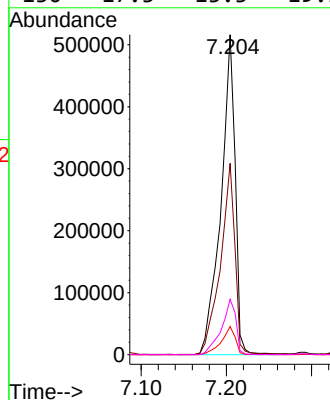


#19
n-Nitroso-di-n-propylamine
Concen: 40.739 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Instrument :
BNA_F
ClientSampleId :

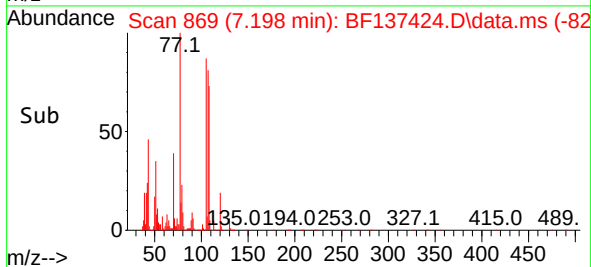
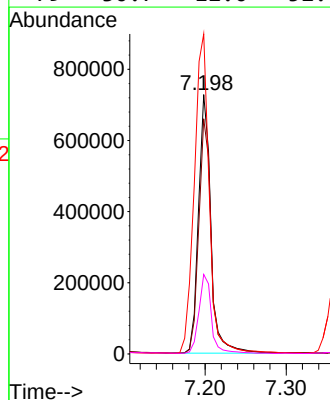
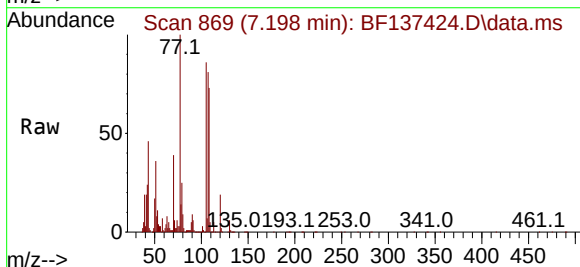


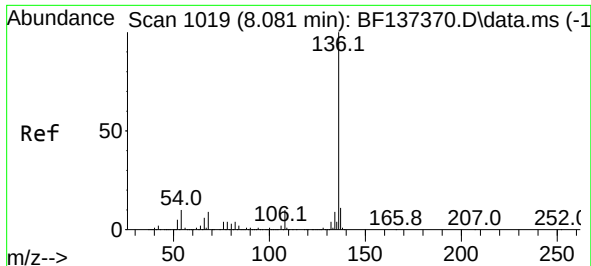
Tgt Ion	Ratio	Lower	Upper
70	100		
42	59.8	45.3	67.9
101	8.8	6.5	9.7
130	17.3	13.3	19.9



#20
3+4-Methylphenols
Concen: 41.053 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

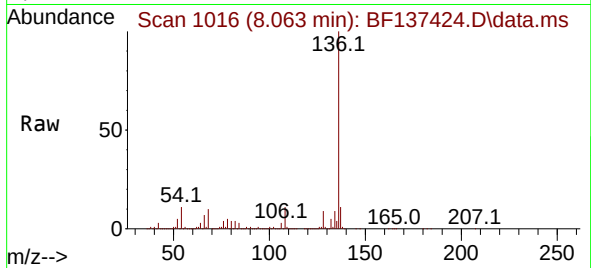
Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.7	73.1	113.1
77	123.4	113.6	153.6
79	30.7	12.0	52.0



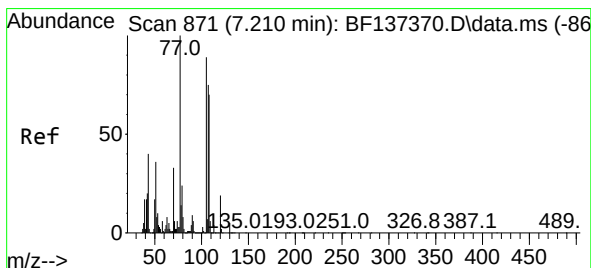
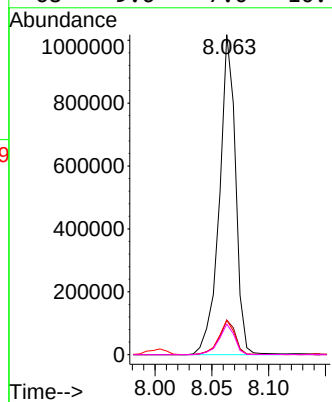
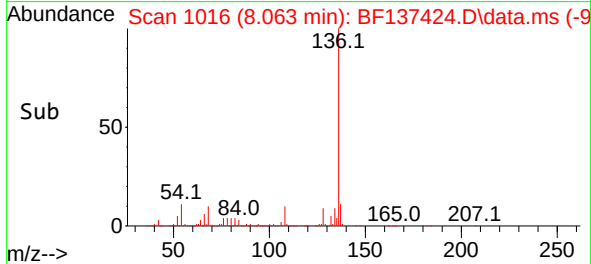


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

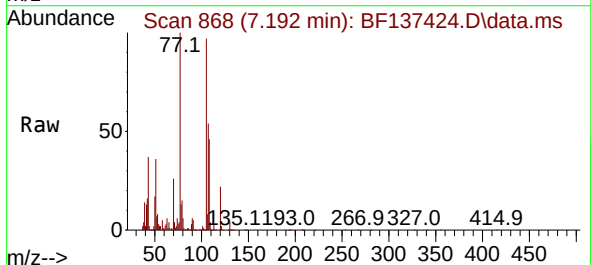
Instrument :
BNA_F
ClientSampleId :



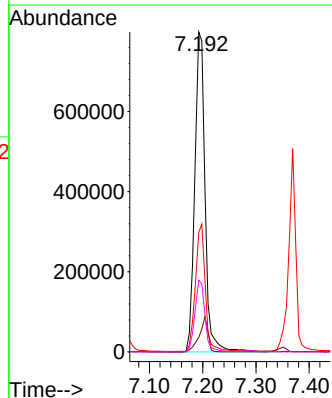
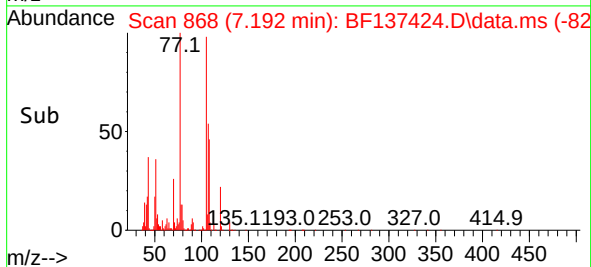
Tgt Ion:136 Resp: 1010349
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 10.8 7.8 11.6
68 9.6 7.0 10.4

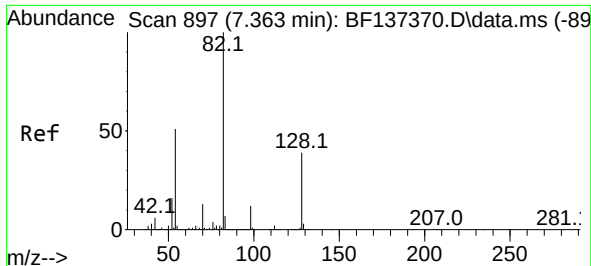


#22
Acetophenone
Concen: 44.027 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53



Tgt Ion:105 Resp: 1078675
Ion Ratio Lower Upper
105 100
71 4.5 5.0 7.6#
51 37.3 32.2 48.4
120 22.4 17.0 25.4





#23

Nitrobenzene-d5

Concen: 87.916 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

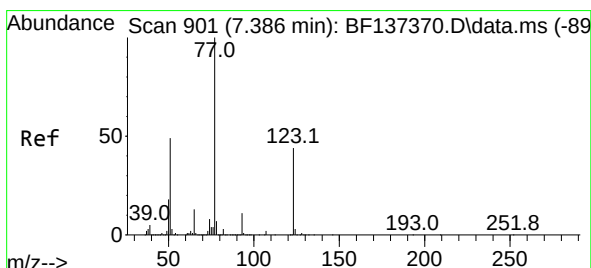
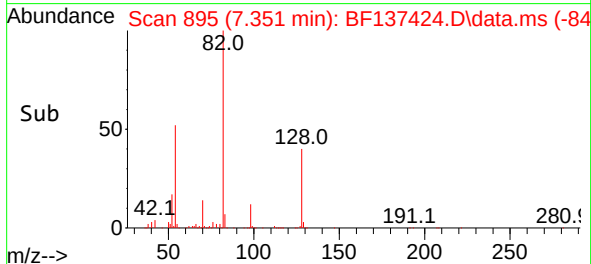
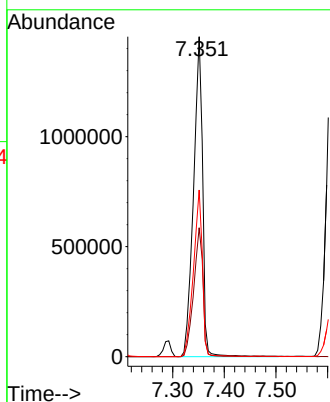
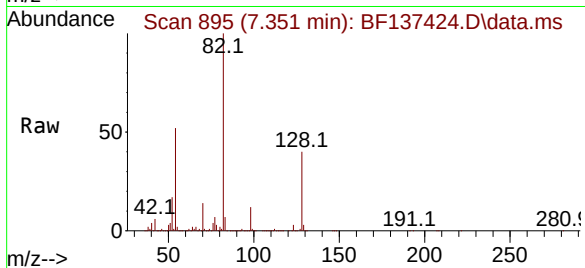
Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 82 Resp: 1779205

Ion	Ratio	Lower	Upper
82	100		
128	40.3	30.8	46.2
54	52.1	40.8	61.2



#24

Nitrobenzene

Concen: 45.353 ng

RT: 7.369 min Scan# 898

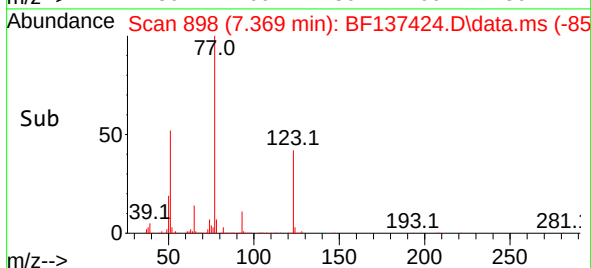
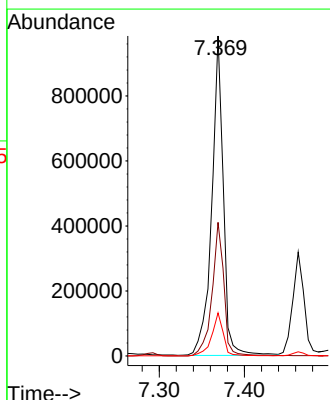
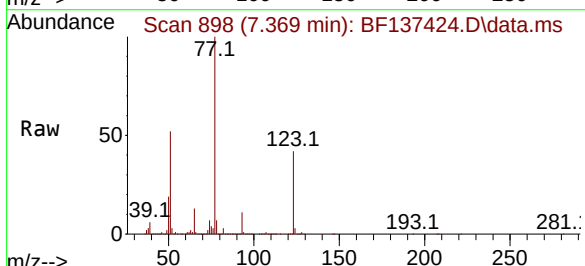
Delta R.T. -0.018 min

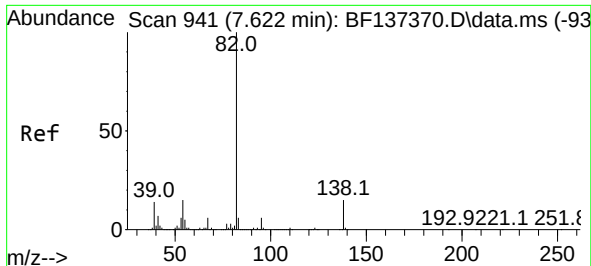
Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

Tgt Ion: 77 Resp: 932626

Ion	Ratio	Lower	Upper
77	100		
123	41.8	35.4	53.0
65	13.5	10.3	15.5

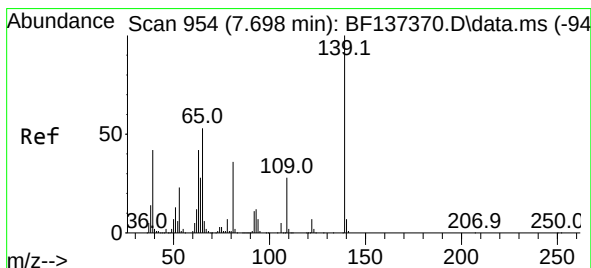
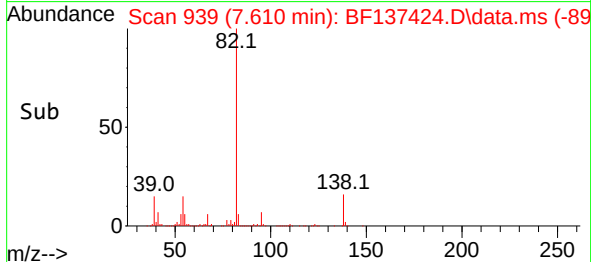
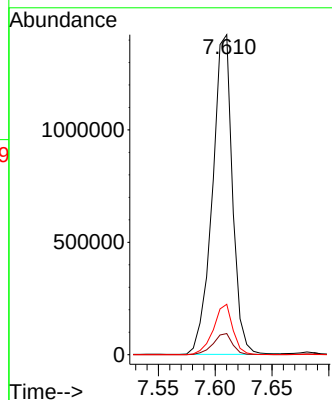
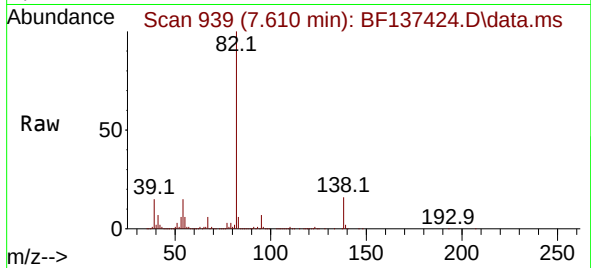




#25
Isophorone
Concen: 41.769 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

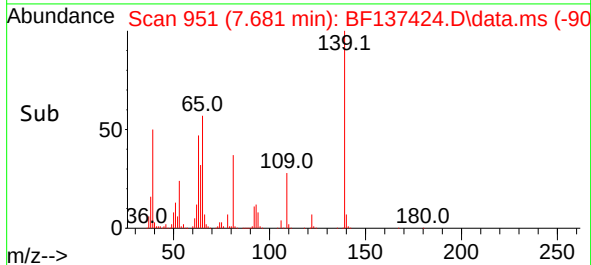
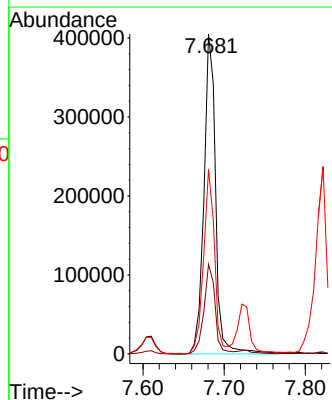
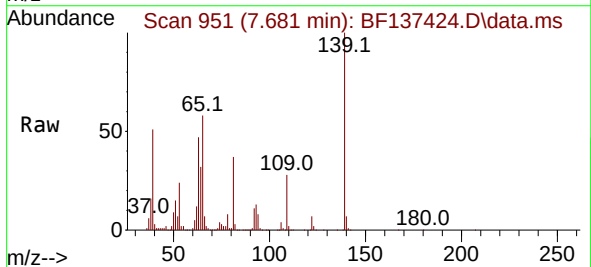
Instrument :
BNA_F
ClientSampleId :

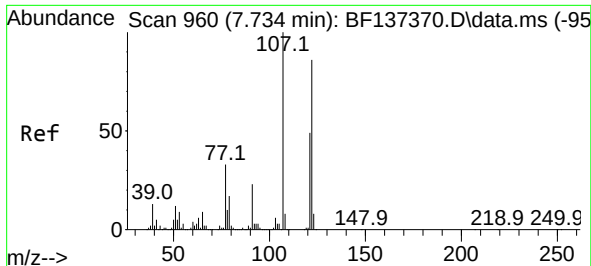
Tgt Ion: 82 Resp: 1748092
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 15.8 12.2 18.4



#26
2-Nitrophenol
Concen: 51.376 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.017 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Tgt Ion:139 Resp: 405405
Ion Ratio Lower Upper
139 100
109 28.0 22.5 33.7
65 57.7 42.3 63.5





#27

2,4-Dimethylphenol

Concen: 38.972 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.006 min

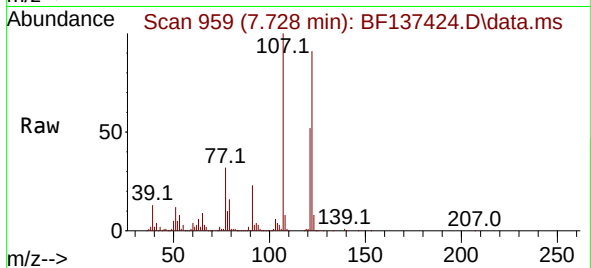
Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

Instrument :

BNA_F

ClientSampleId :



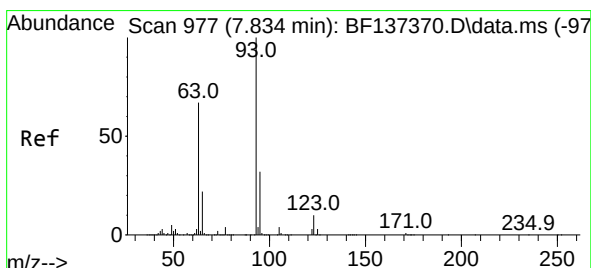
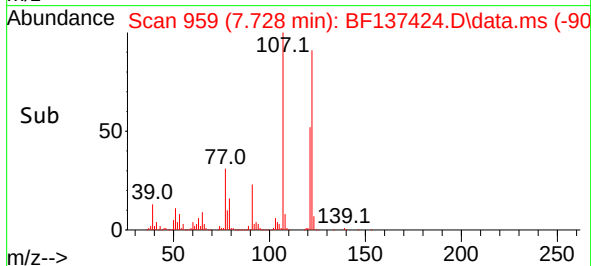
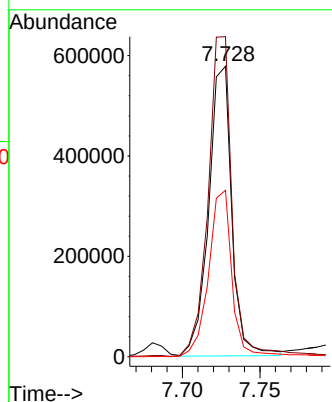
Tgt Ion:122 Resp: 599845

Ion Ratio Lower Upper

122 100

107 110.2 92.7 139.1

121 57.3 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 43.579 ng

RT: 7.822 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

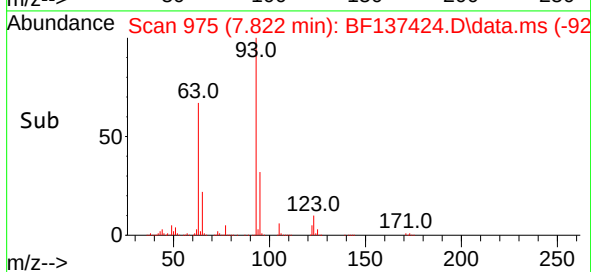
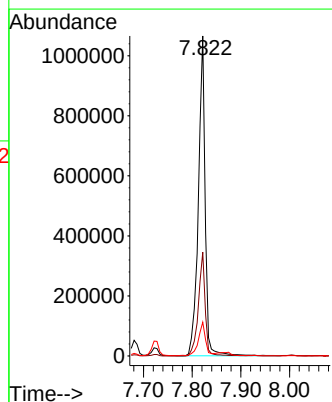
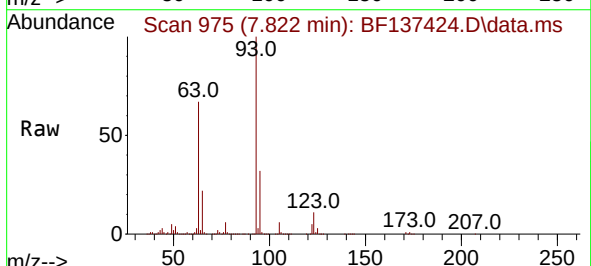
Tgt Ion: 93 Resp: 1051230

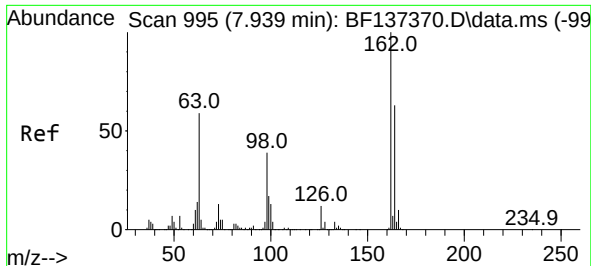
Ion Ratio Lower Upper

93 100

95 32.5 25.9 38.9

123 10.6 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 45.846 ng

RT: 7.928 min Scan# 995

Delta R.T. -0.012 min

Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

Instrument :

BNA_F

ClientSampleId :

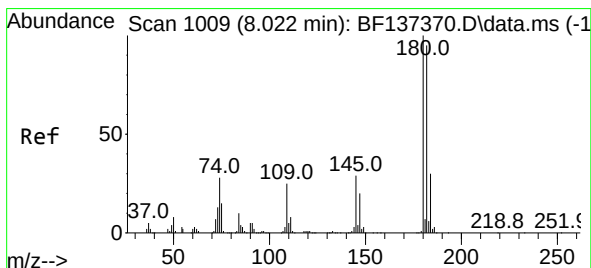
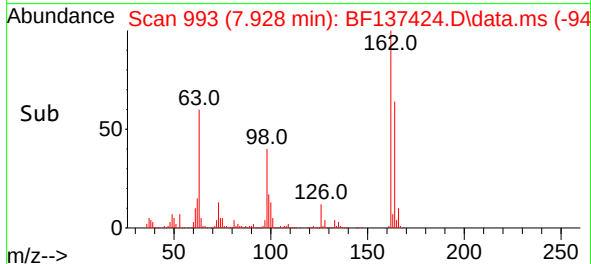
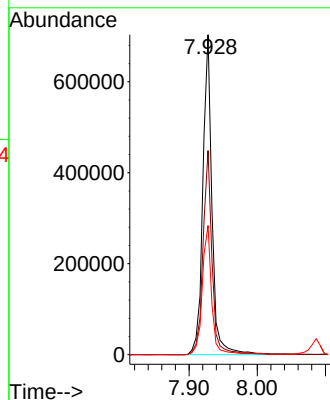
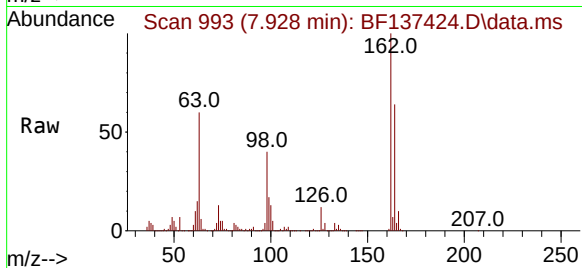
Tgt Ion:162 Resp: 661366

Ion Ratio Lower Upper

162 100

164 63.8 43.1 83.1

98 40.4 19.0 59.0



#30

1,2,4-Trichlorobenzene

Concen: 43.871 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.018 min

Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

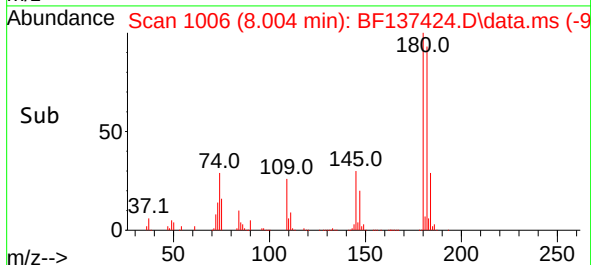
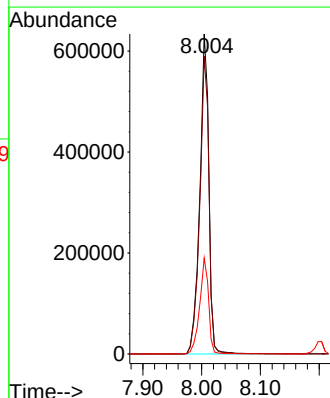
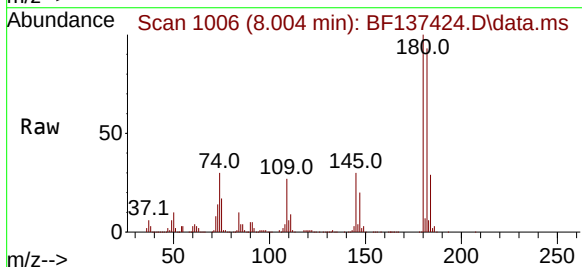
Tgt Ion:180 Resp: 679300

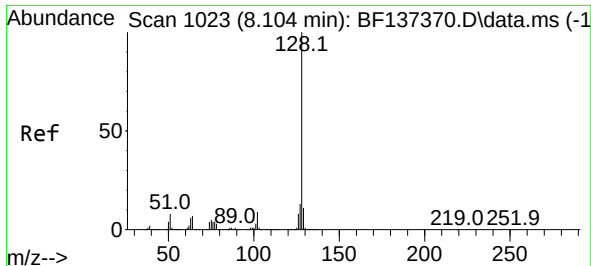
Ion Ratio Lower Upper

180 100

182 93.1 75.8 113.6

145 30.0 23.4 35.0

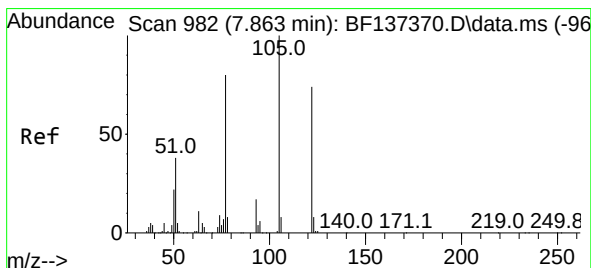
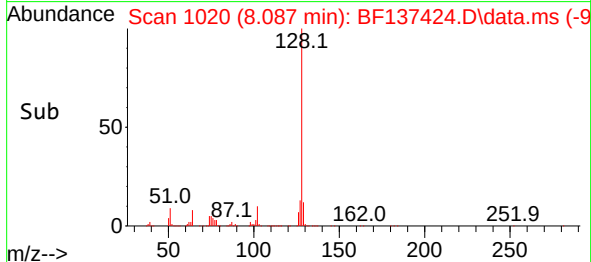
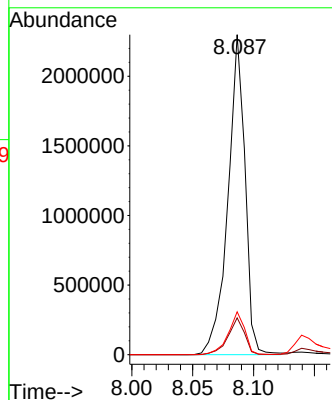
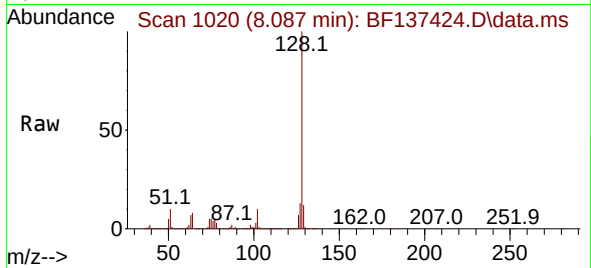




#31
Naphthalene
Concen: 41.449 ng
RT: 8.087 min Scan# 1023
Delta R.T. -0.017 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

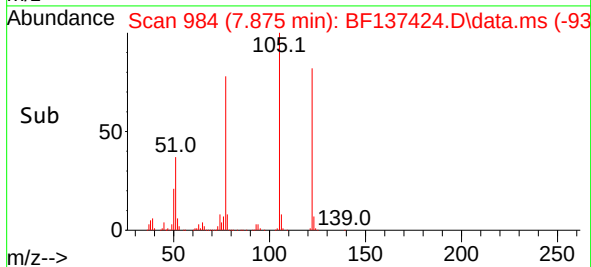
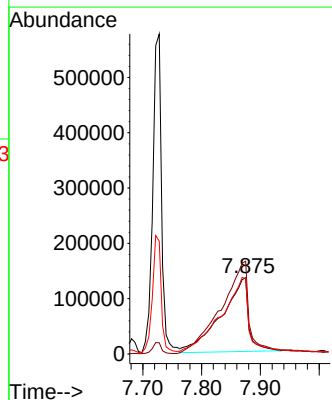
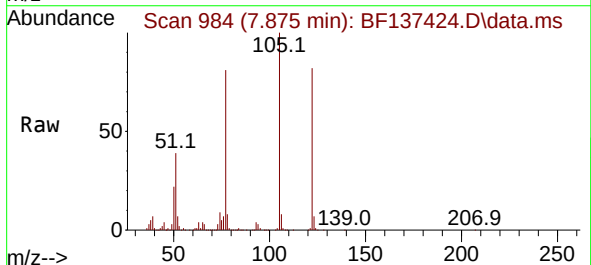
Instrument :
BNA_F
ClientSampleId :

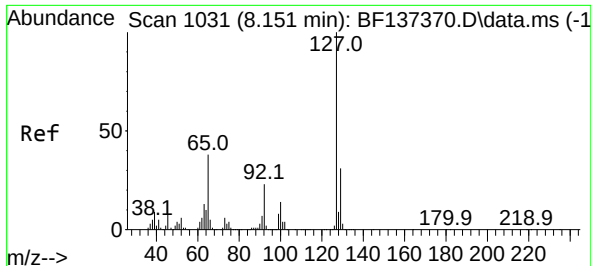
Tgt Ion:128 Resp: 2247386
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 46.227 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Tgt Ion:122 Resp: 432549
Ion Ratio Lower Upper
122 100
105 122.0 101.1 141.1
77 99.3 82.8 122.8

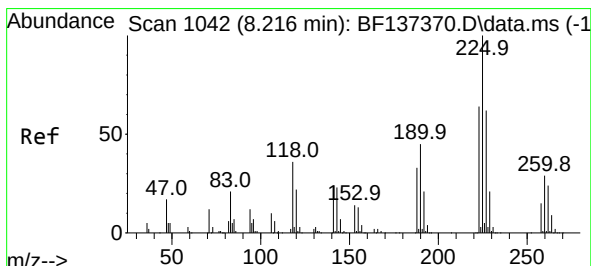
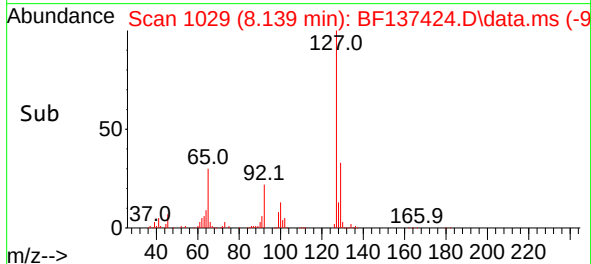
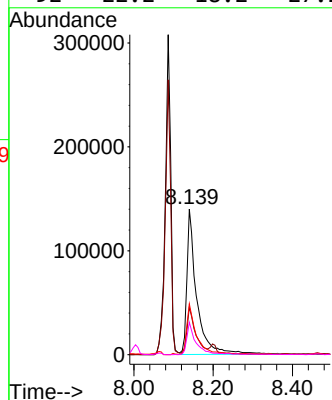
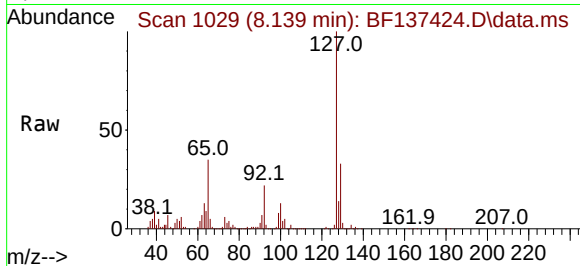




#33
4-Chloroaniline
Concen: 11.684 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

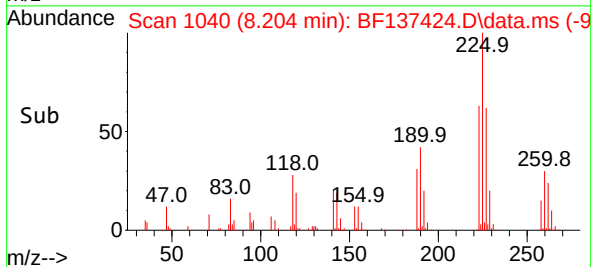
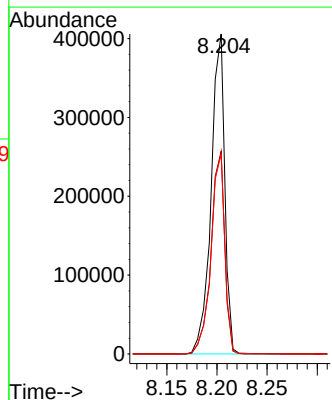
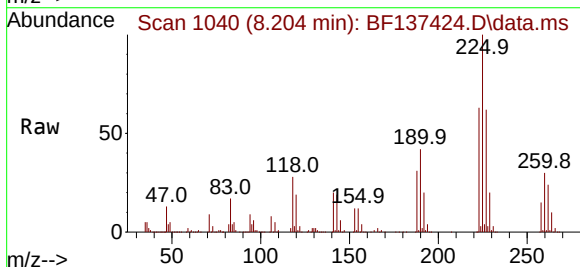
Instrument :
BNA_F
ClientSampleId :

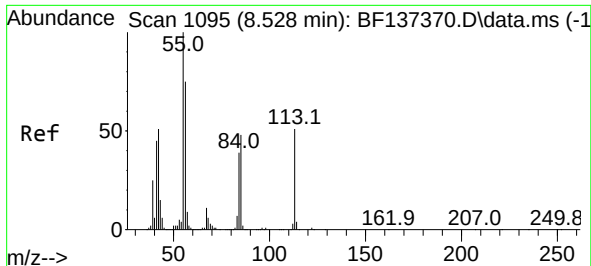
Tgt Ion:	127	Resp:	240945
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.0	37.6
65	35.0	30.4	45.6
92	22.2	18.2	27.2



#34
Hexachlorobutadiene
Concen: 41.800 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Tgt Ion:	225	Resp:	384495
Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.4	77.0
227	62.5	49.8	74.6

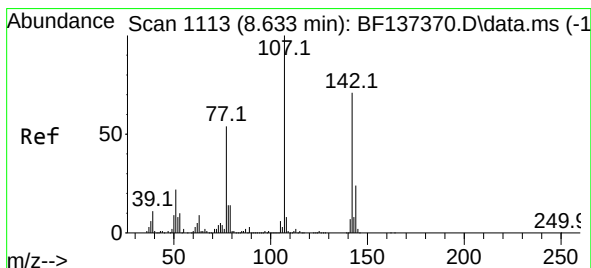
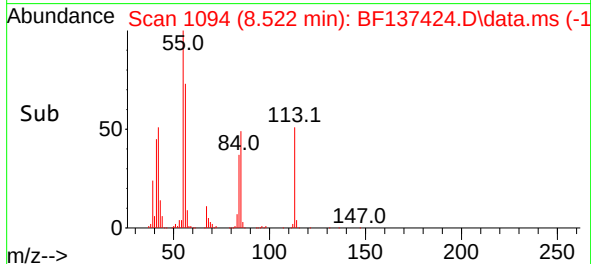
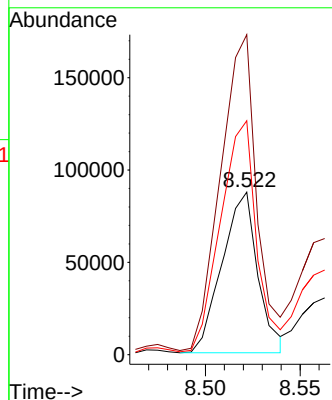
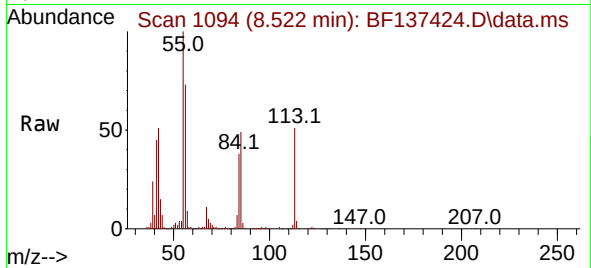




#35
Caprolactam
Concen: 25.575 ng
RT: 8.522 min Scan# 11094
Delta R.T. -0.006 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

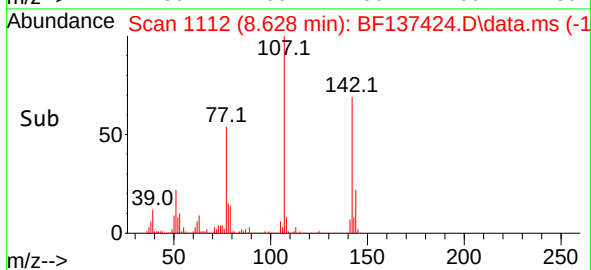
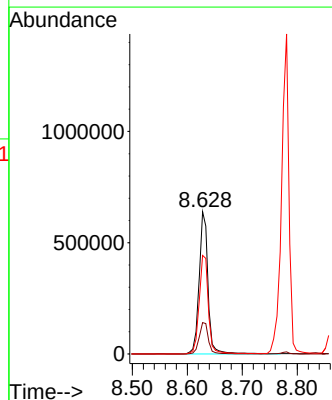
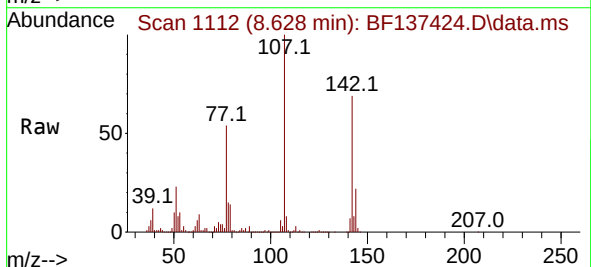
Instrument :
BNA_F
ClientSampleId :

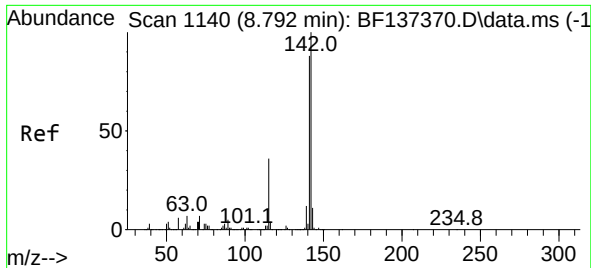
Tgt Ion:113 Resp: 114094
Ion Ratio Lower Upper
113 100
55 196.9 176.3 216.3
56 143.9 127.6 167.6



#36
4-Chloro-3-methylphenol
Concen: 43.989 ng
RT: 8.628 min Scan# 1112
Delta R.T. -0.005 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Tgt Ion:107 Resp: 719414
Ion Ratio Lower Upper
107 100
144 22.1 18.9 28.3
142 69.3 56.6 85.0

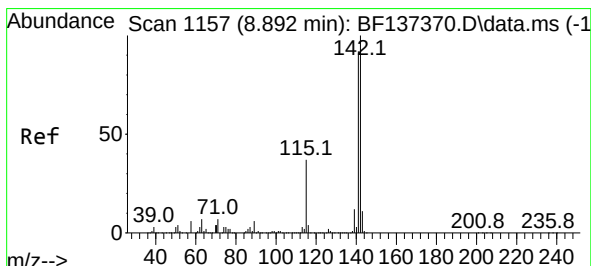
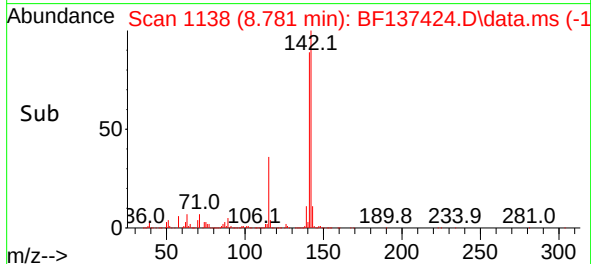
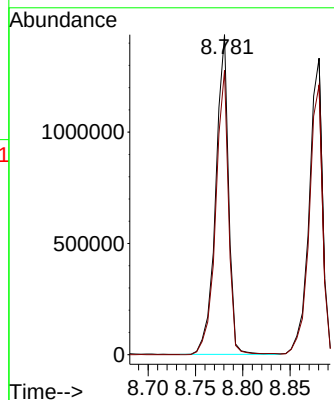
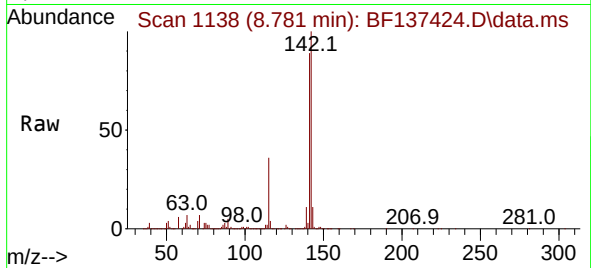




#37
2-Methylnaphthalene
Concen: 38.748 ng
RT: 8.781 min Scan# 1138
Delta R.T. -0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

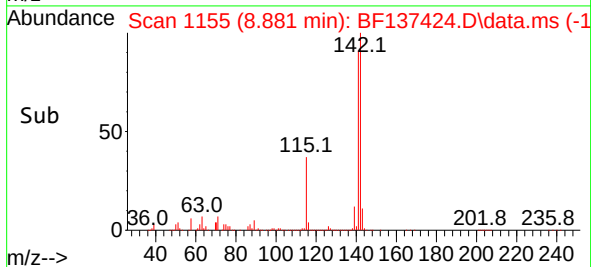
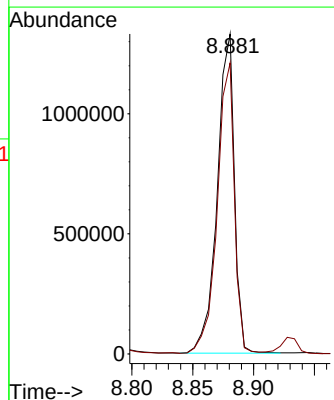
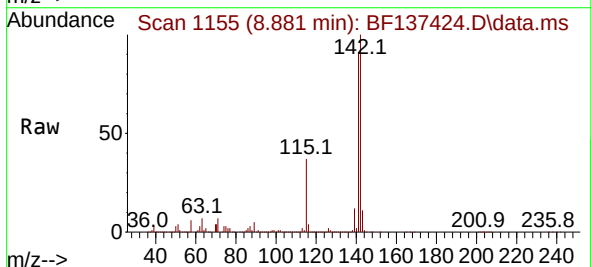
Instrument :
BNA_F
ClientSampleId :

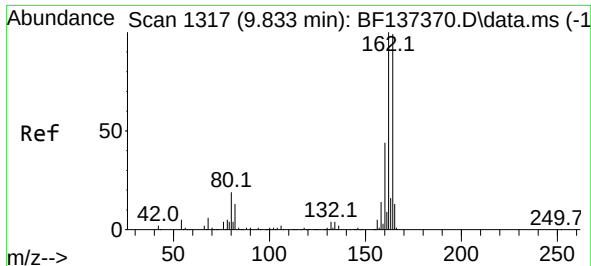
Tgt Ion:142 Resp: 1353801
Ion Ratio Lower Upper
142 100
141 88.8 70.3 105.5



#38
1-Methylnaphthalene
Concen: 39.455 ng
RT: 8.881 min Scan# 1155
Delta R.T. -0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Tgt Ion:142 Resp: 1303296
Ion Ratio Lower Upper
142 100
141 91.0 73.2 109.8

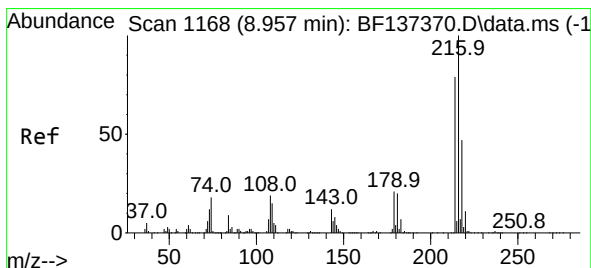
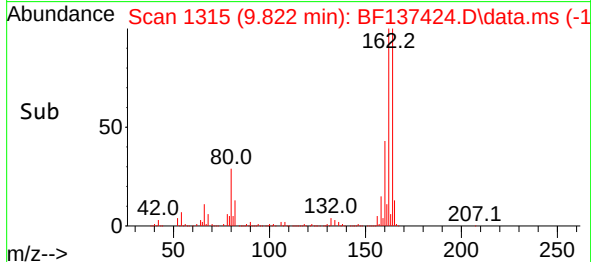
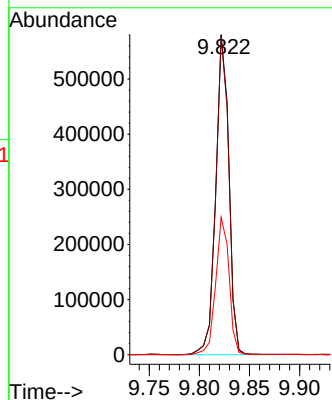
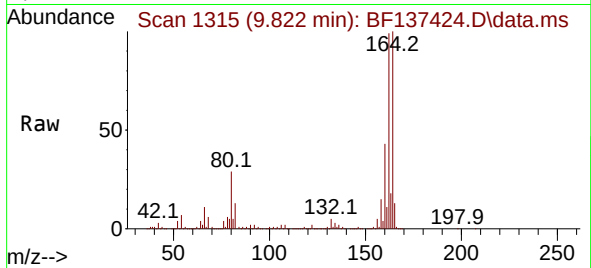




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1115
Delta R.T. -0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

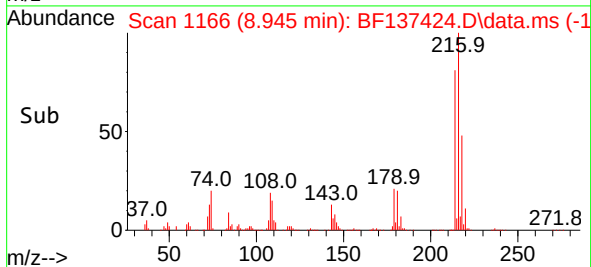
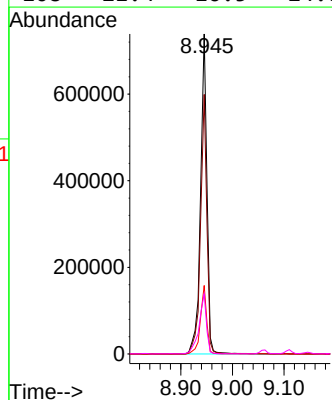
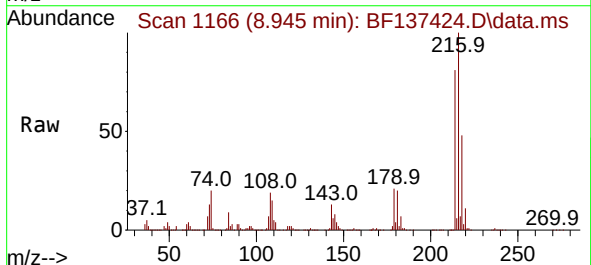
Instrument :
BNA_F
ClientSampleId :

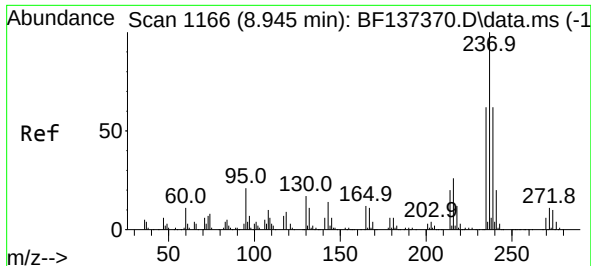
Tgt Ion:164 Resp: 530627
Ion Ratio Lower Upper
164 100
162 99.4 81.2 121.8
160 42.9 35.7 53.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.862 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Tgt Ion:216 Resp: 641048
Ion Ratio Lower Upper
216 100
214 79.9 62.3 93.5
179 20.9 16.5 24.7
108 21.4 16.5 24.7

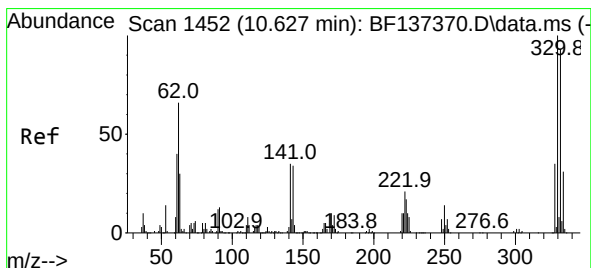
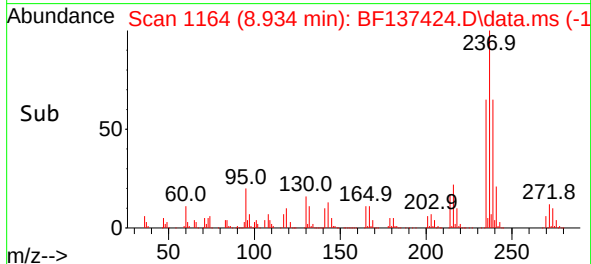
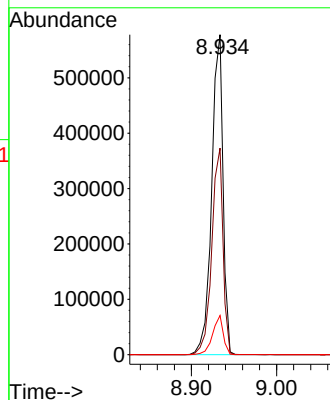
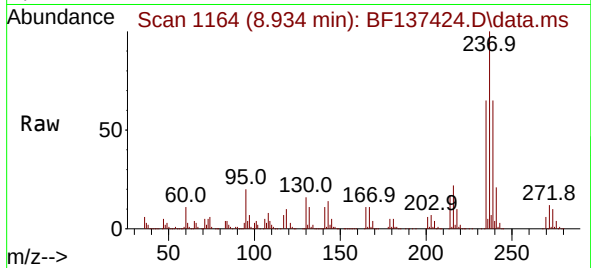




#41
Hexachlorocyclopentadiene
Concen: 80.597 ng
RT: 8.934 min Scan# 1166
Delta R.T. -0.011 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

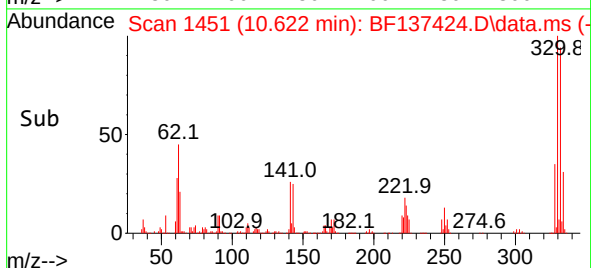
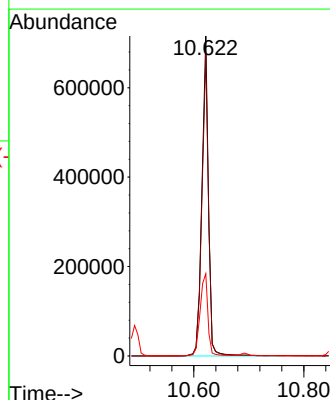
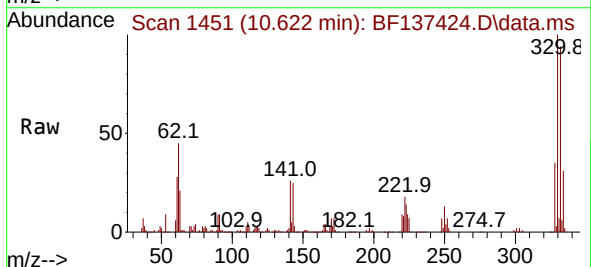
Instrument :
BNA_F
ClientSampleId :

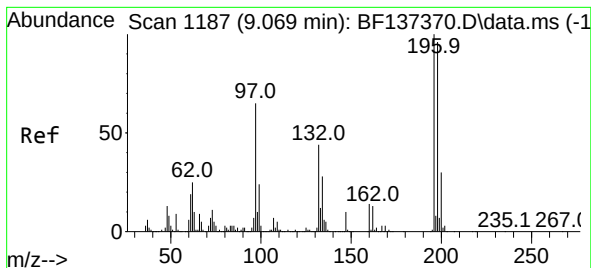
Tgt Ion:237 Resp: 534061
Ion Ratio Lower Upper
237 100
235 64.5 42.0 82.0
272 12.2 0.0 31.3



#42
2,4,6-Tribromophenol
Concen: 128.723 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Tgt Ion:330 Resp: 594794
Ion Ratio Lower Upper
330 100
332 94.9 75.6 113.4
141 30.6 28.6 42.8





#43

2,4,6-Trichlorophenol

Concen: 47.463 ng

RT: 9.063 min Scan# 1187

Delta R.T. -0.006 min

Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

Instrument :

BNA_F

ClientSampleId :

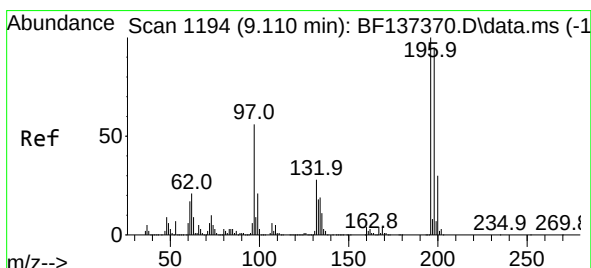
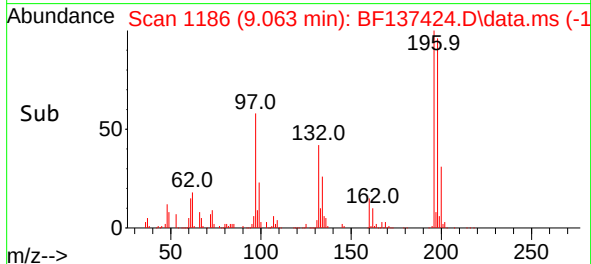
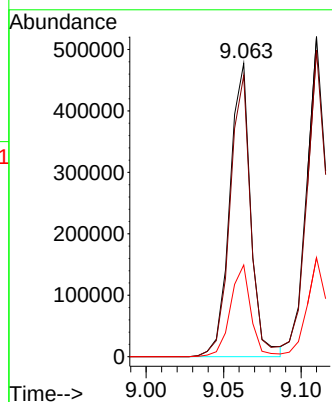
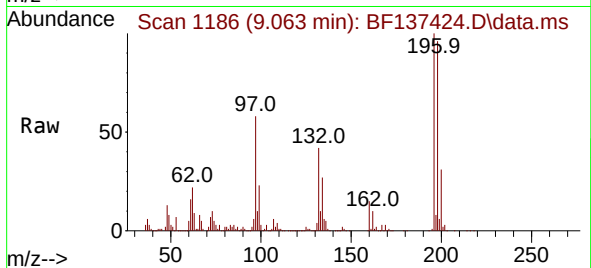
Tgt Ion:196 Resp: 449760

Ion Ratio Lower Upper

196 100

198 95.8 77.0 115.4

200 31.2 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 41.868 ng

RT: 9.110 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

Tgt Ion:196 Resp: 455163

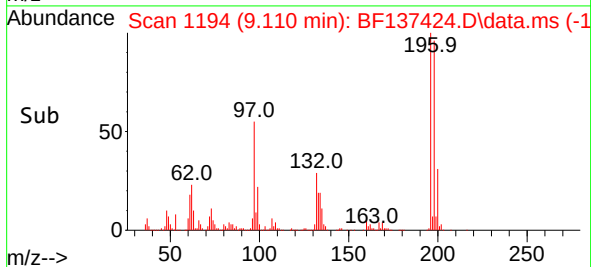
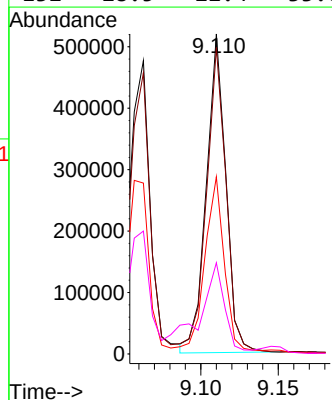
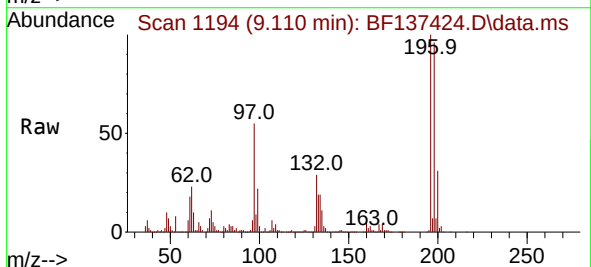
Ion Ratio Lower Upper

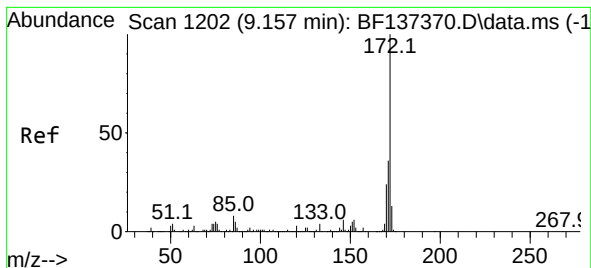
196 100

198 95.7 75.6 113.4

97 55.4 44.6 66.8

132 28.5 22.4 33.6





#45

2-Fluorobiphenyl

Concen: 78.452 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.012 min

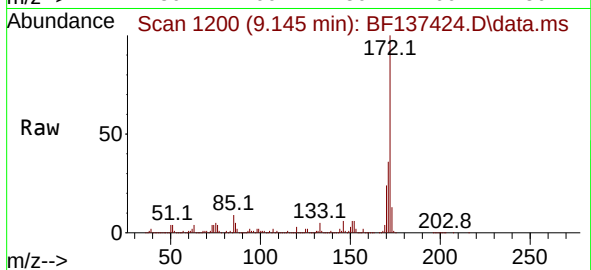
Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

Instrument :

BNA_F

ClientSampleId :



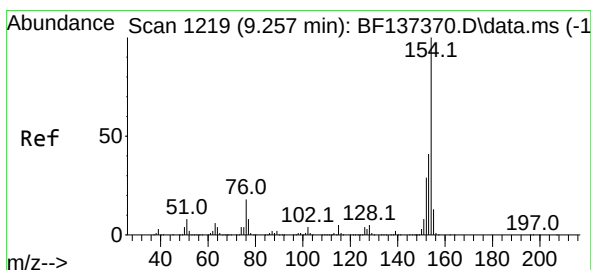
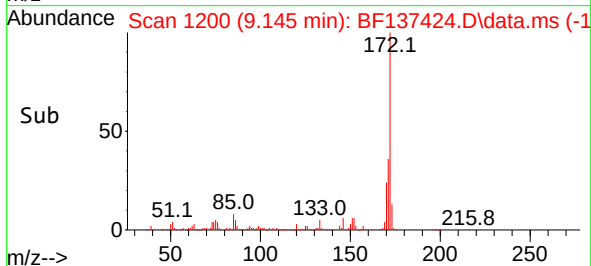
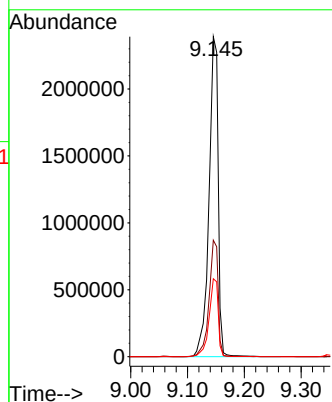
Tgt Ion:172 Resp: 2673912

Ion Ratio Lower Upper

172 100

171 36.4 28.7 43.1

170 24.3 19.5 29.3



#46

1,1'-Biphenyl

Concen: 43.226 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.012 min

Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

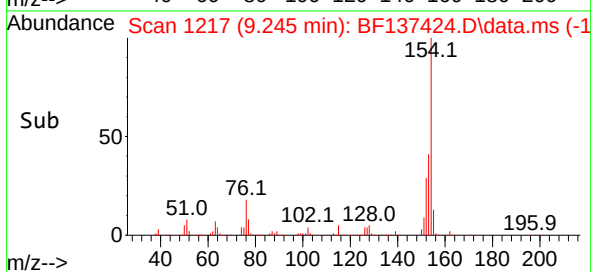
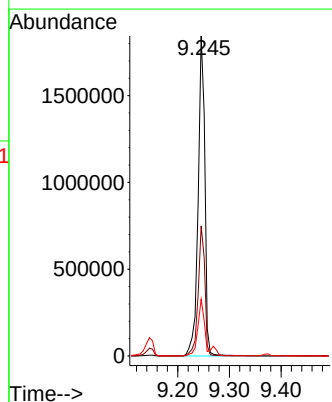
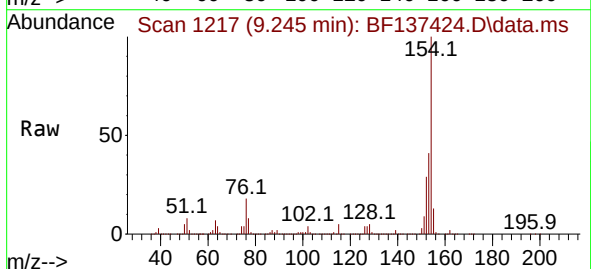
Tgt Ion:154 Resp: 1670574

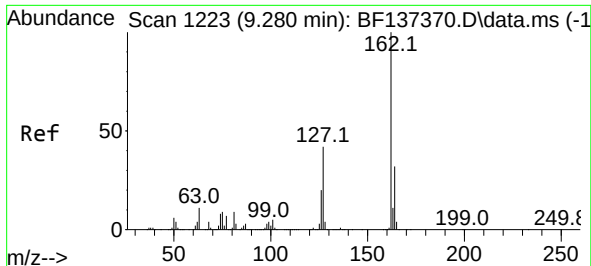
Ion Ratio Lower Upper

154 100

153 40.7 21.2 61.2

76 17.8 0.0 37.9

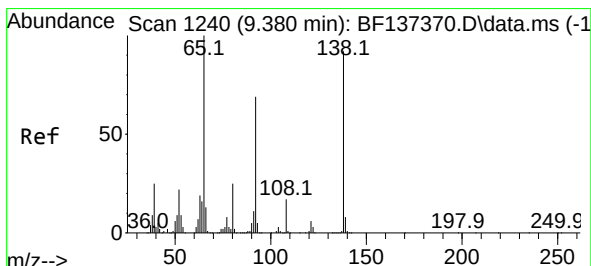
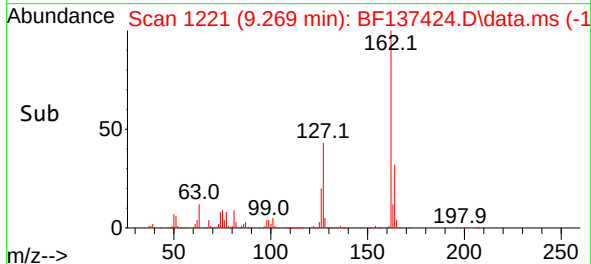
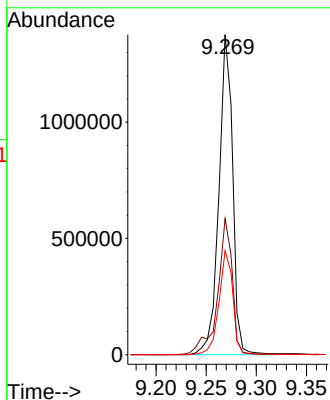
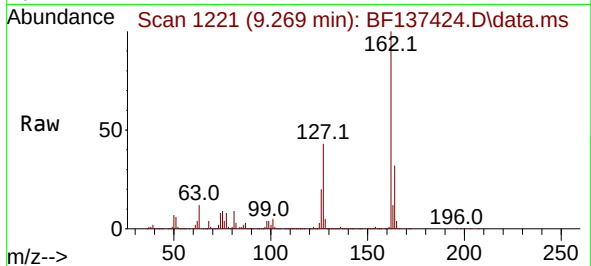




#47
2-Chloronaphthalene
Concen: 44.958 ng
RT: 9.269 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

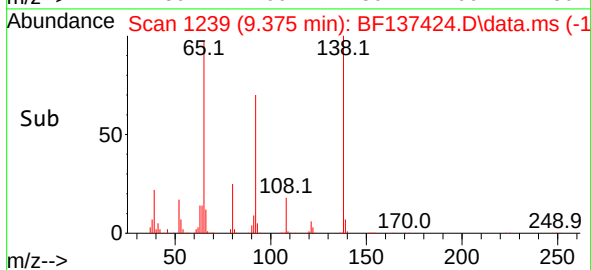
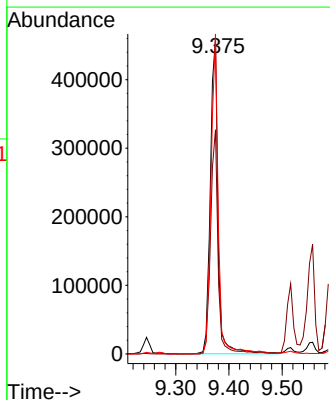
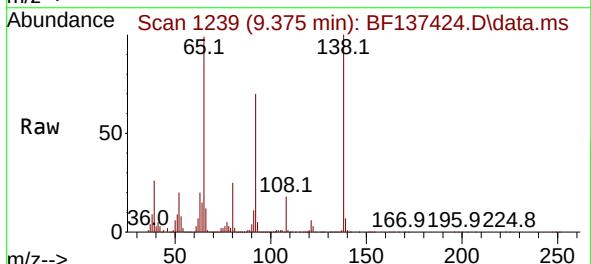
Instrument :
BNA_F
ClientSampleId :

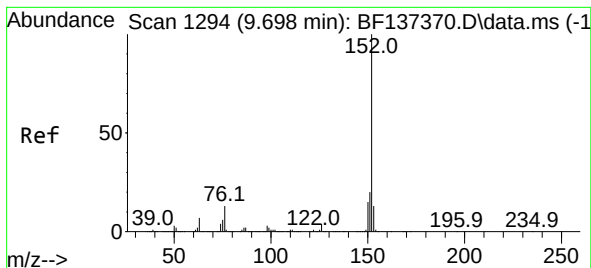
Tgt Ion:162 Resp: 1312145
Ion Ratio Lower Upper
162 100
127 42.5 33.6 50.4
164 32.5 25.9 38.9



#48
2-Nitroaniline
Concen: 51.782 ng
RT: 9.375 min Scan# 1239
Delta R.T. -0.005 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Tgt Ion: 65 Resp: 462272
Ion Ratio Lower Upper
65 100
92 71.0 55.0 82.6
138 101.4 73.7 110.5





#49

Acenaphthylene

Concen: 44.113 ng

RT: 9.686 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

Instrument :

BNA_F

ClientSampleId :

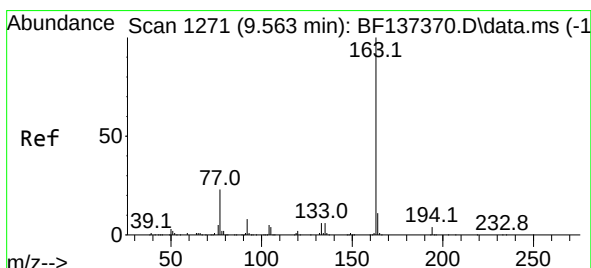
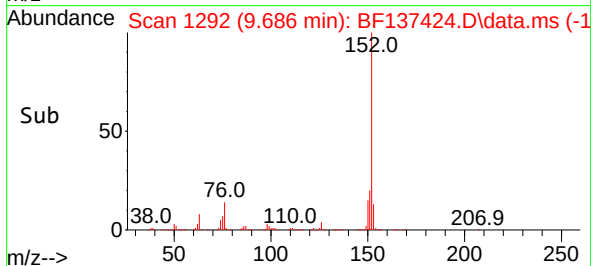
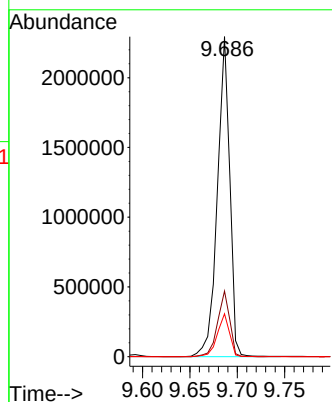
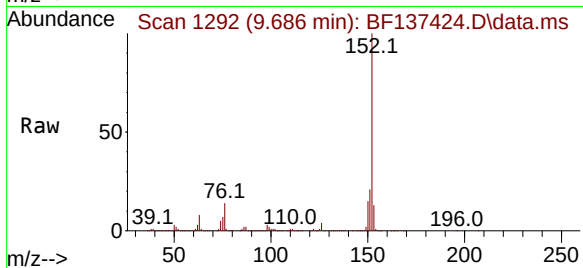
Tgt Ion:152 Resp: 2091827

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

153 13.4 10.6 15.8



#50

Dimethylphthalate

Concen: 42.460 ng

RT: 9.557 min Scan# 1270

Delta R.T. -0.006 min

Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

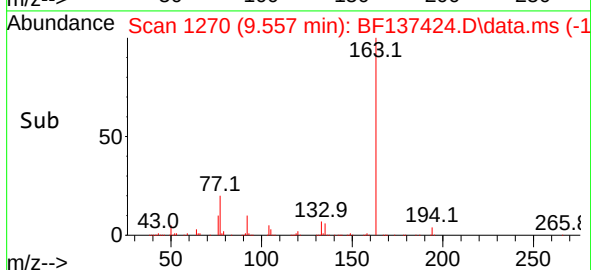
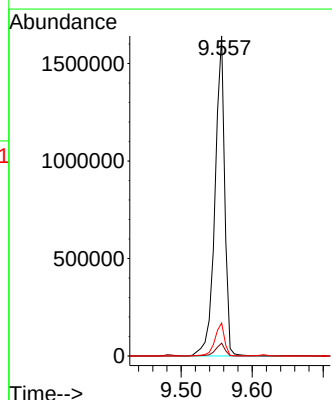
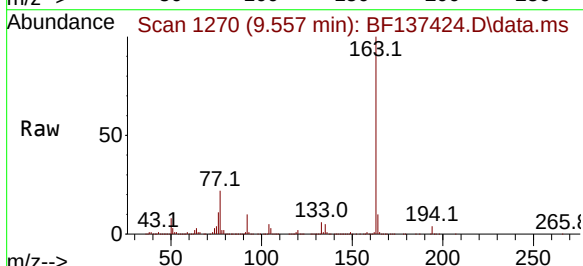
Tgt Ion:163 Resp: 1556832

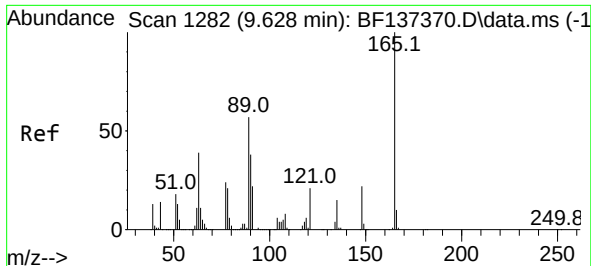
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

164 10.3 8.5 12.7

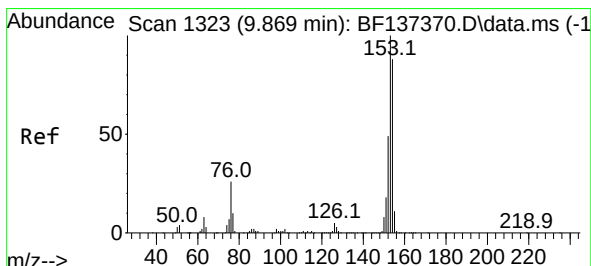
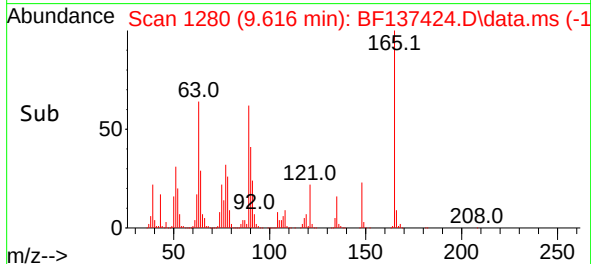
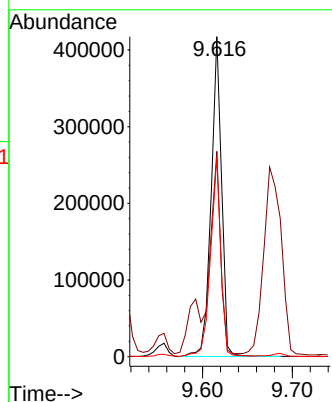
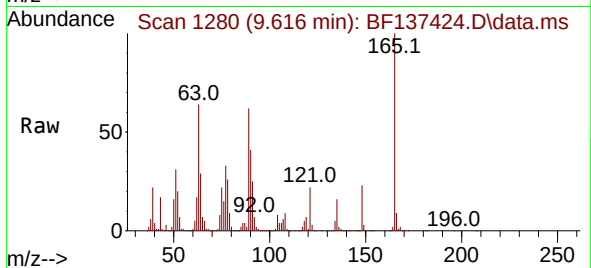




#51
2,6-Dinitrotoluene
Concen: 49.505 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

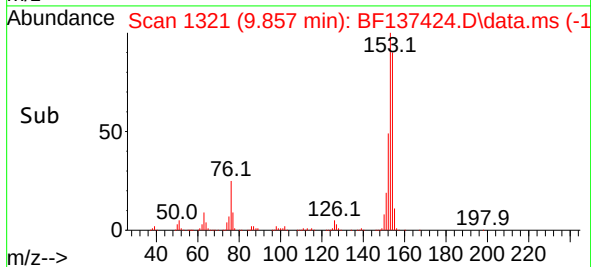
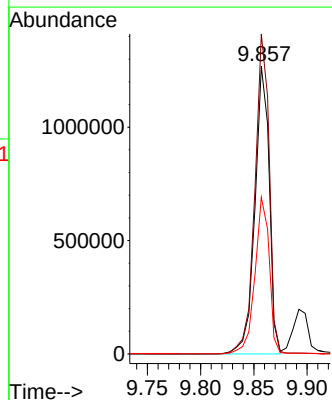
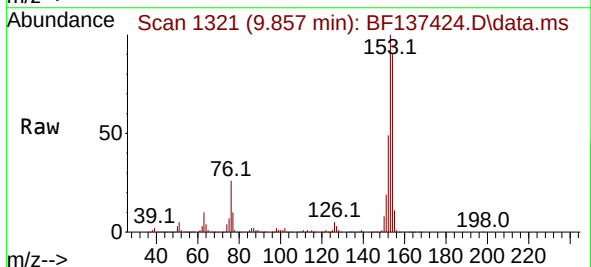
Instrument :
BNA_F
ClientSampleId :

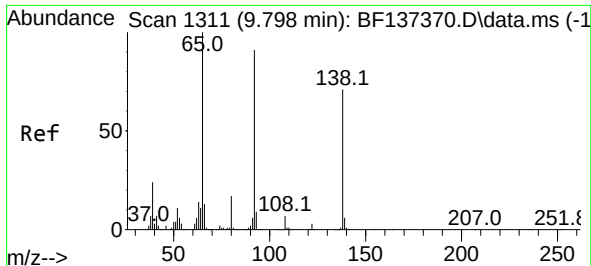
Tgt Ion:165 Resp: 337683
Ion Ratio Lower Upper
165 100
63 64.2 41.6 62.4#
89 62.4 45.8 68.6



#52
Acenaphthene
Concen: 41.902 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Tgt Ion:154 Resp: 1186090
Ion Ratio Lower Upper
154 100
153 111.2 90.6 135.8
152 54.5 44.1 66.1

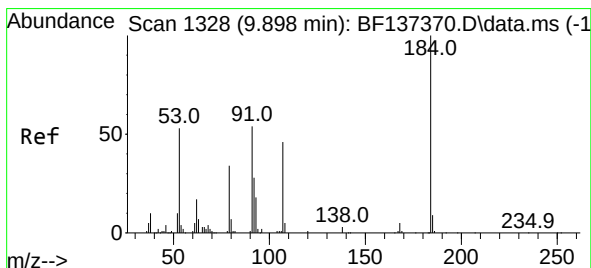
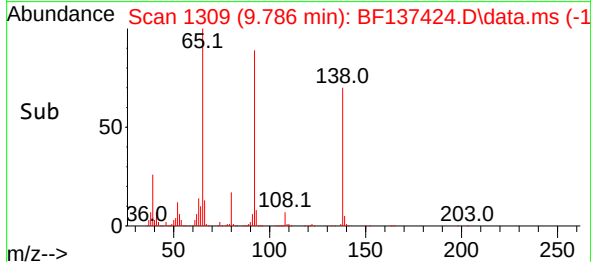
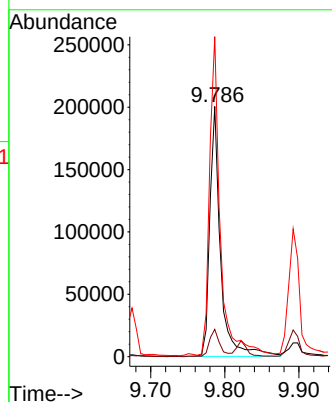
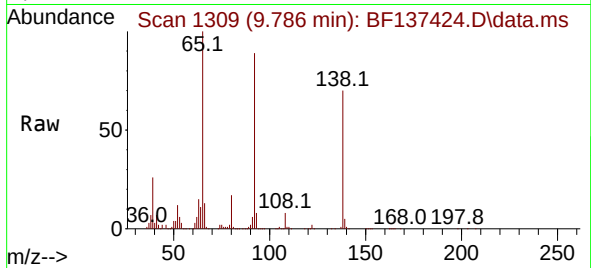




#53
3-Nitroaniline
Concen: 26.968 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

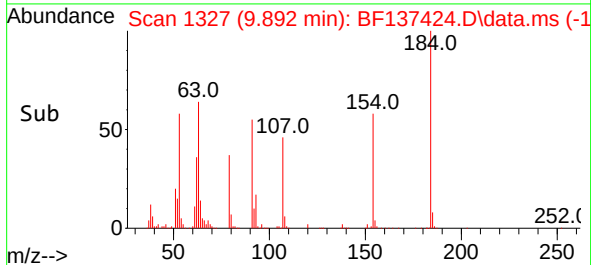
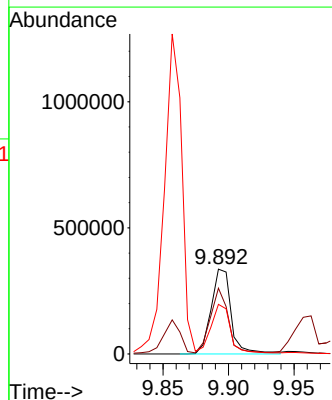
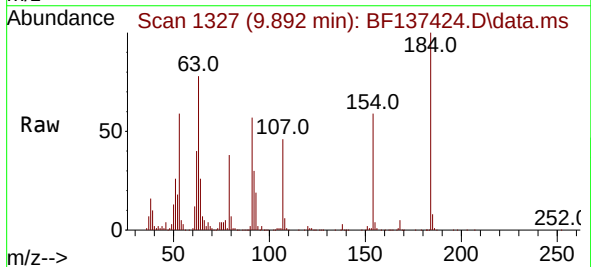
Instrument :
BNA_F
ClientSampleId :

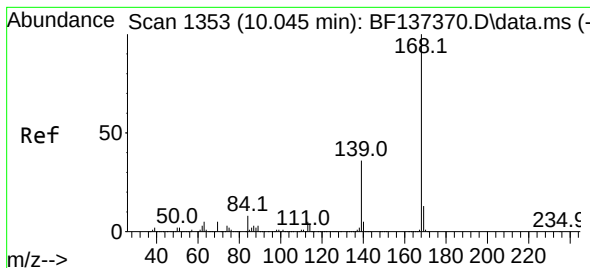
Tgt Ion:138 Resp: 201721
Ion Ratio Lower Upper
138 100
108 10.9 8.2 12.2
92 127.9 102.2 153.2



#54
2,4-Dinitrophenol
Concen: 103.442 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Tgt Ion:184 Resp: 357371
Ion Ratio Lower Upper
184 100
63 77.6 55.9 83.9
154 58.6 47.6 71.4





#55

Dibenzenofuran

Concen: 40.684 ng

RT: 10.033 min Scan# 1351

Delta R.T. -0.012 min

Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

Instrument :

BNA_F

ClientSampleId :

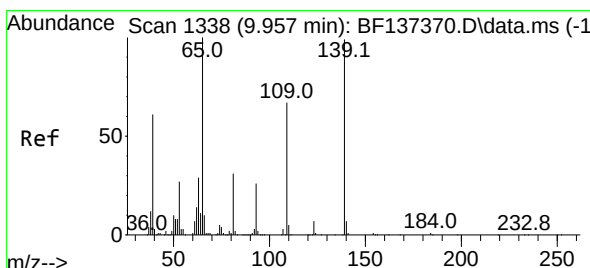
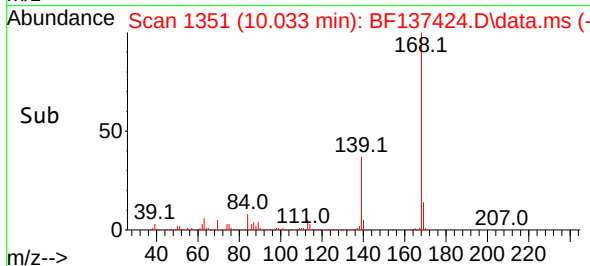
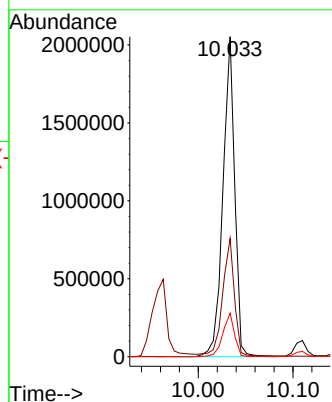
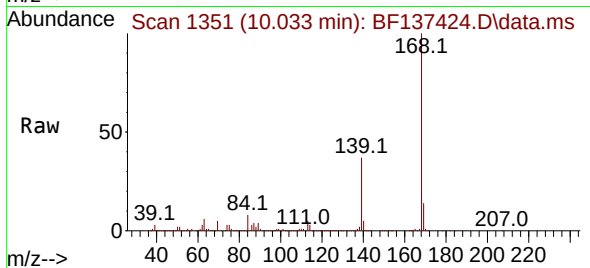
Tgt Ion:168 Resp: 1779880

Ion Ratio Lower Upper

168 100

139 37.0 28.9 43.3

169 13.6 10.8 16.2



#56

4-Nitrophenol

Concen: 92.789 ng

RT: 9.963 min Scan# 1339

Delta R.T. 0.006 min

Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

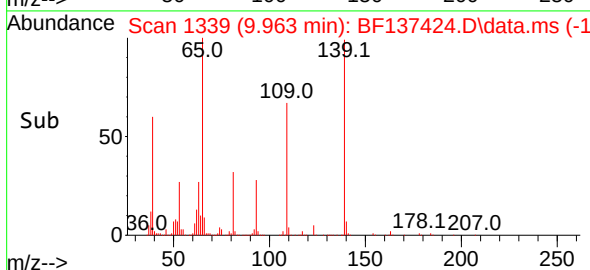
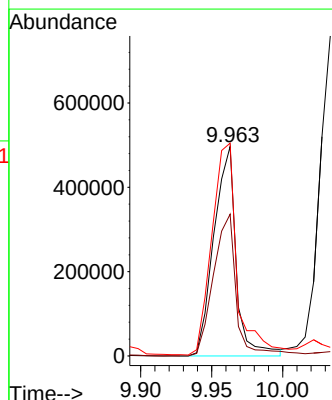
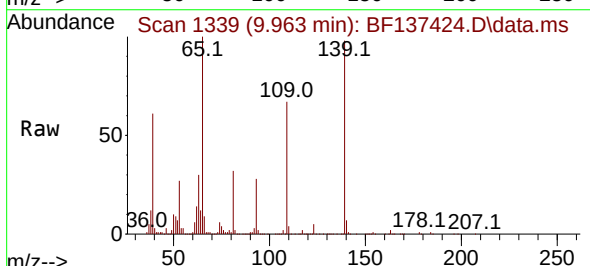
Tgt Ion:139 Resp: 540872

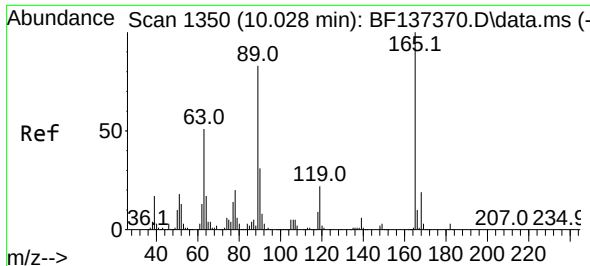
Ion Ratio Lower Upper

139 100

109 67.7 48.0 88.0

65 101.6 82.2 122.2

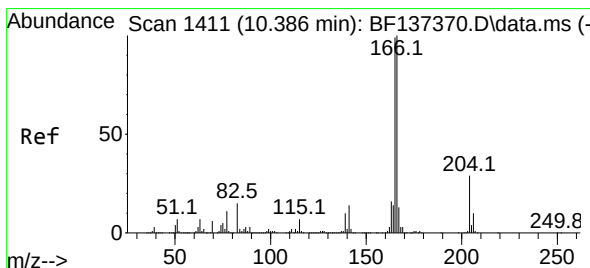
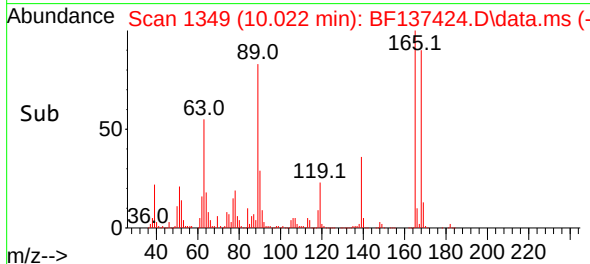
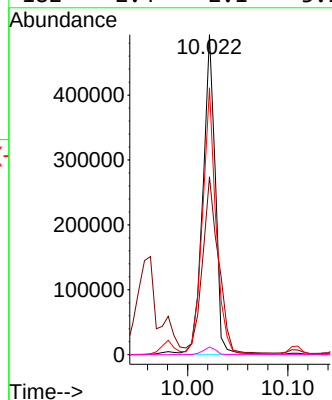
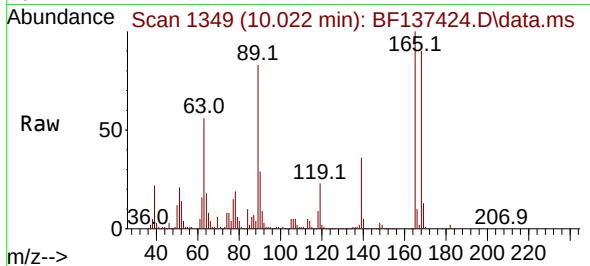




#57
2,4-Dinitrotoluene
Concen: 49.032 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

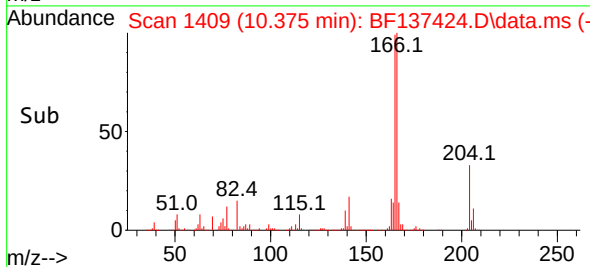
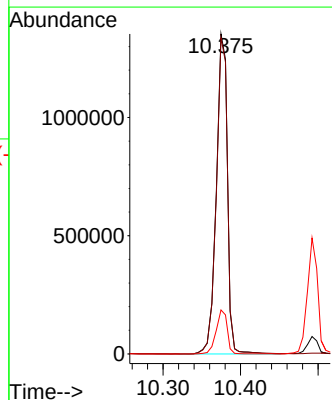
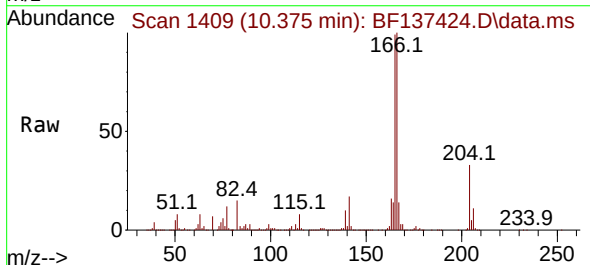
Instrument :
BNA_F
ClientSampleId :

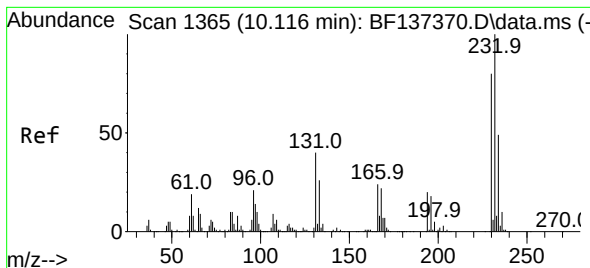
Tgt Ion:165 Resp: 423060
Ion Ratio Lower Upper
165 100
63 55.6 41.1 61.7
89 83.4 66.6 100.0
182 2.4 2.1 3.1



#58
Fluorene
Concen: 40.303 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Tgt Ion:166 Resp: 1346565
Ion Ratio Lower Upper
166 100
165 98.8 78.8 118.2
167 13.7 10.5 15.7

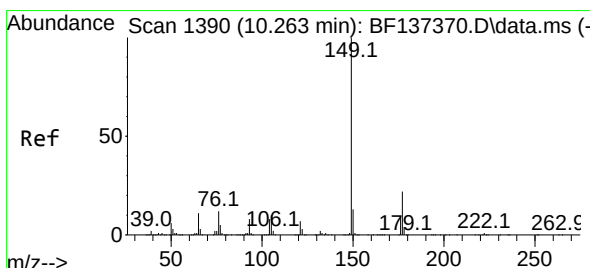
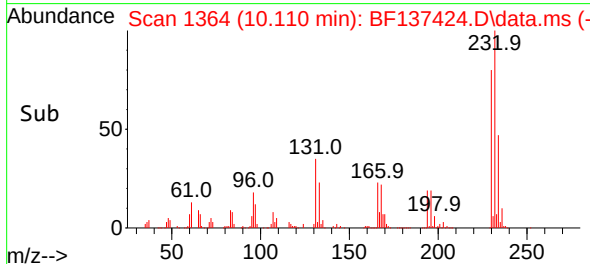
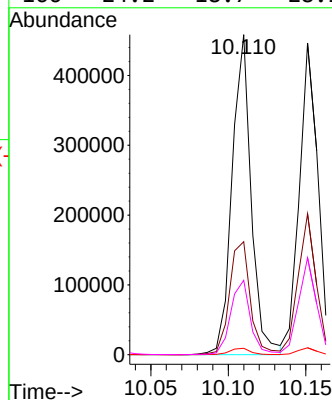
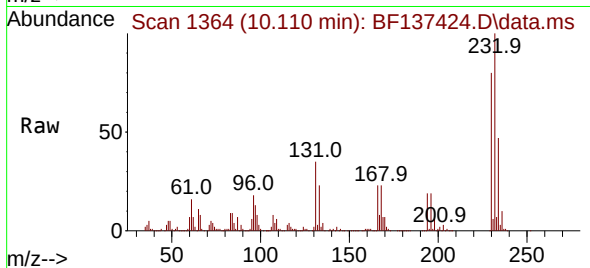




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.640 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.047 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

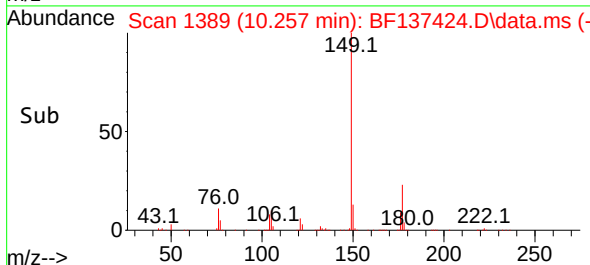
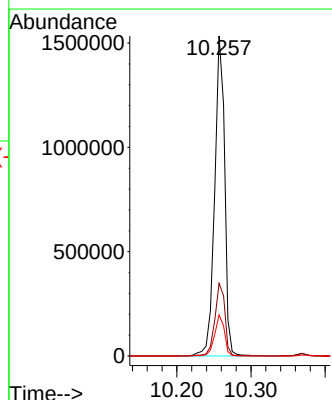
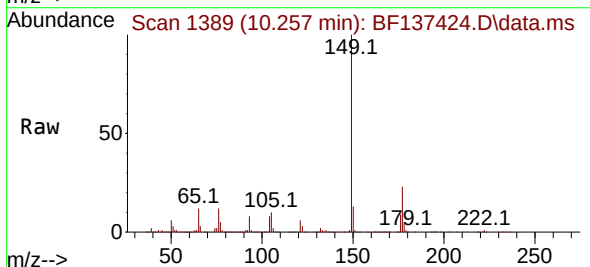
Instrument :
BNA_F
ClientSampleId :

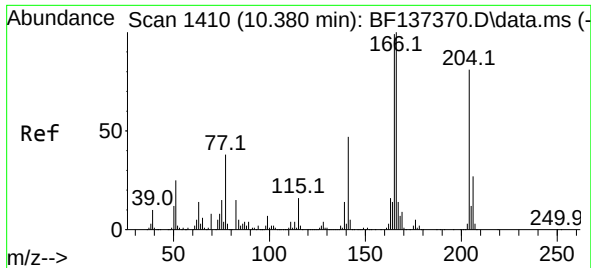
Tgt Ion:232 Resp: 392874
Ion Ratio Lower Upper
232 100
131 38.9 31.1 46.7
130 2.2 1.8 2.6
166 24.2 18.7 28.1



#60
Diethylphthalate
Concen: 41.836 ng
RT: 10.257 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Tgt Ion:149 Resp: 1432159
Ion Ratio Lower Upper
149 100
177 22.7 18.0 27.0
150 12.8 10.2 15.2

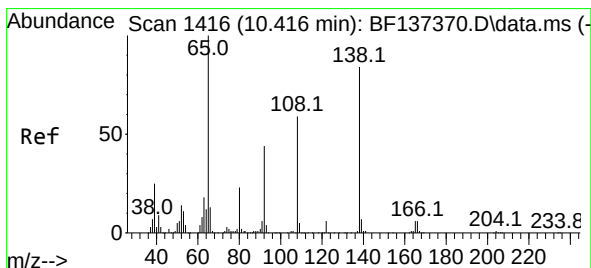
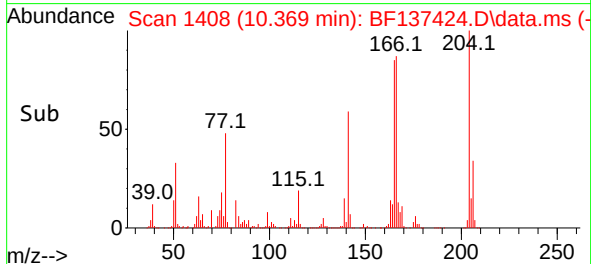
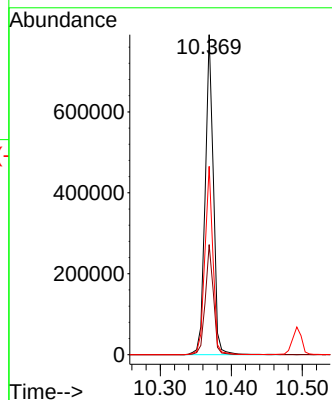
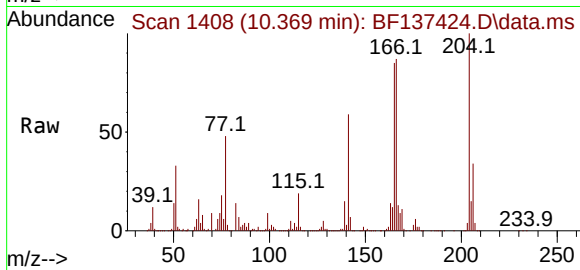




#61
4-Chlorophenyl-phenylether
Concen: 38.586 ng
RT: 10.369 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

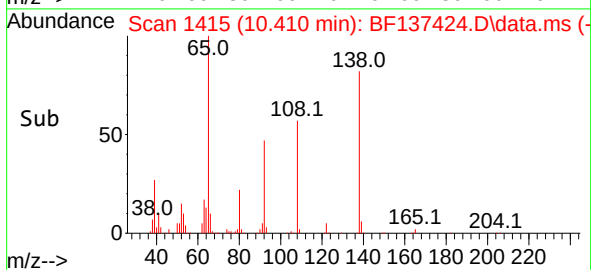
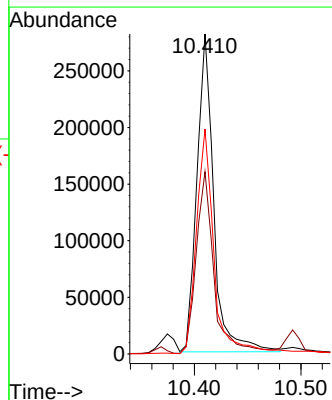
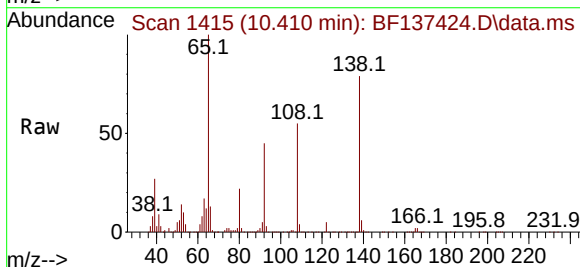
Instrument :
BNA_F
ClientSampleId :

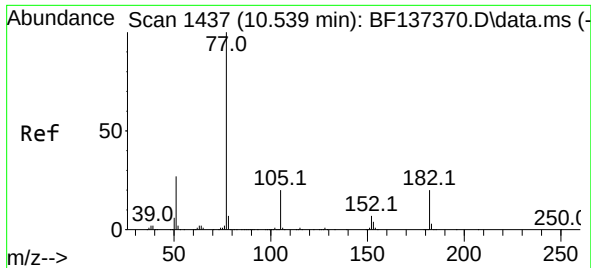
Tgt Ion:204 Resp: 634165
Ion Ratio Lower Upper
204 100
206 34.4 26.8 40.2
141 58.8 46.4 69.6



#62
4-Nitroaniline
Concen: 43.275 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Tgt Ion:138 Resp: 309291
Ion Ratio Lower Upper
138 100
92 57.0 33.4 73.4
108 70.3 50.4 90.4

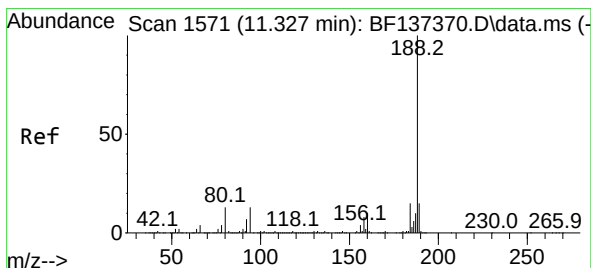
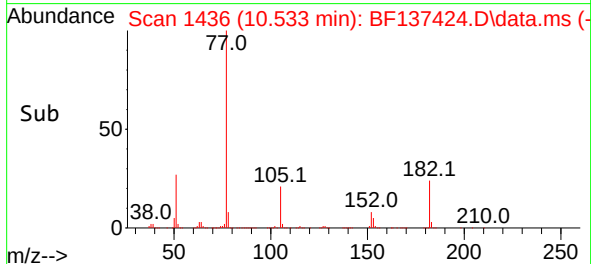
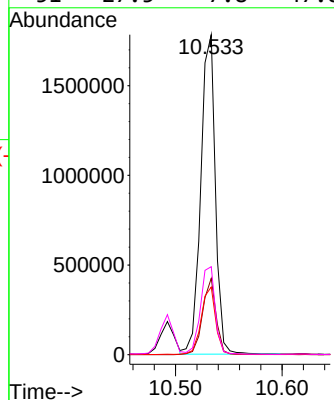
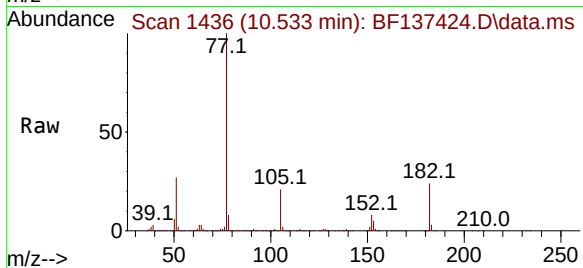




#63
Azobenzene
Concen: 41.475 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

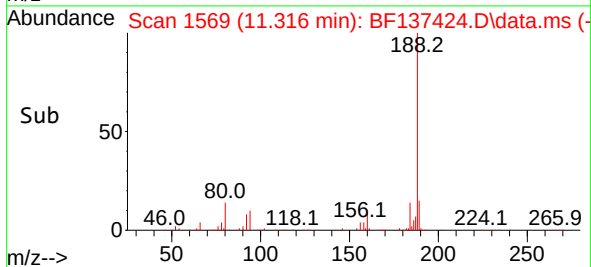
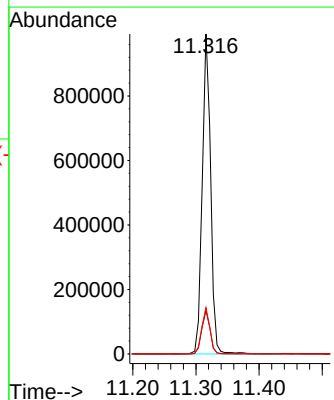
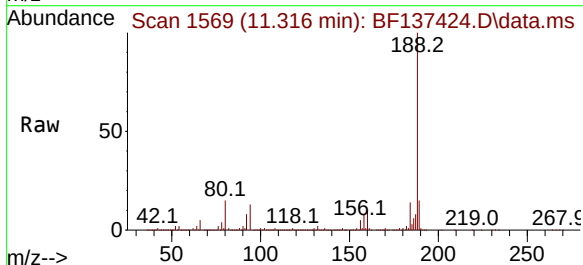
Instrument :
BNA_F
ClientSampleId :

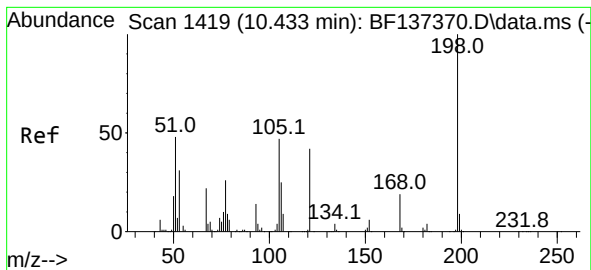
Tgt Ion: 77 Resp: 1698726
Ion Ratio Lower Upper
77 100
182 23.8 0.0 39.6
105 21.2 0.4 40.4
51 27.5 7.8 47.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Tgt Ion:188 Resp: 914232
Ion Ratio Lower Upper
188 100
94 13.5 10.2 15.2
80 14.5 10.7 16.1

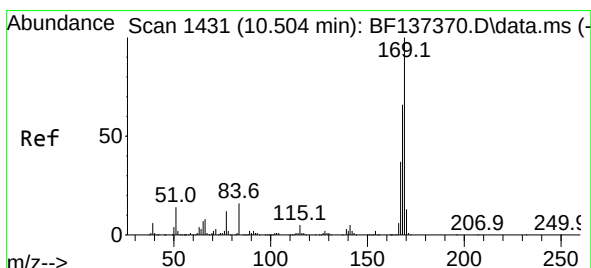
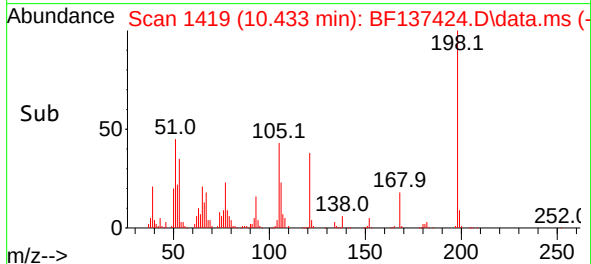
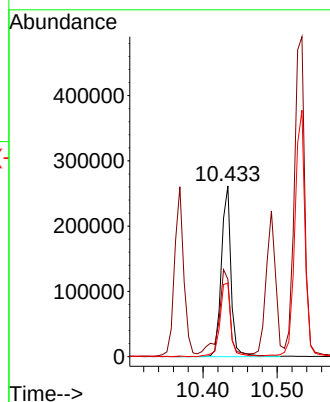
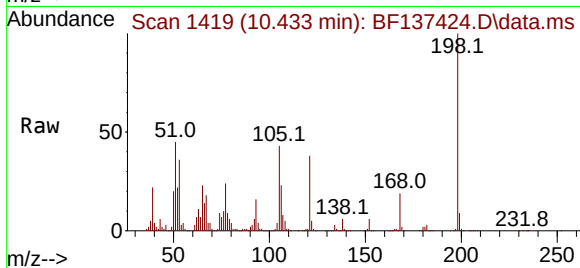




#65
4,6-Dinitro-2-methylphenol
Concen: 52.399 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

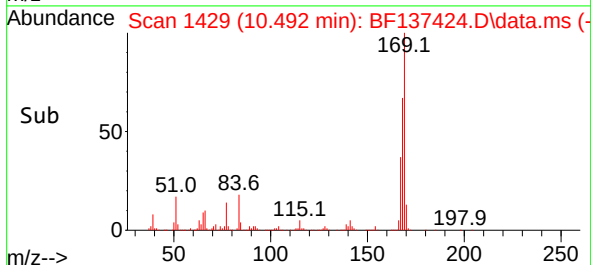
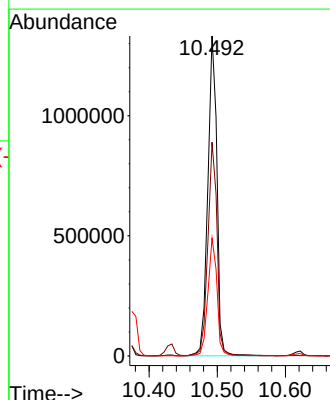
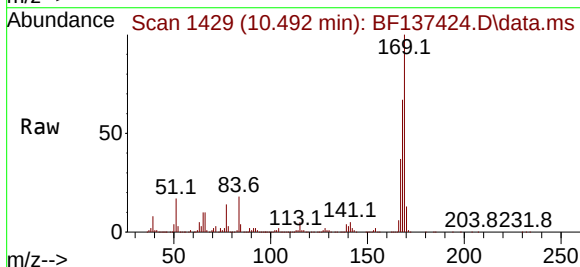
Instrument :
BNA_F
ClientSampleId :

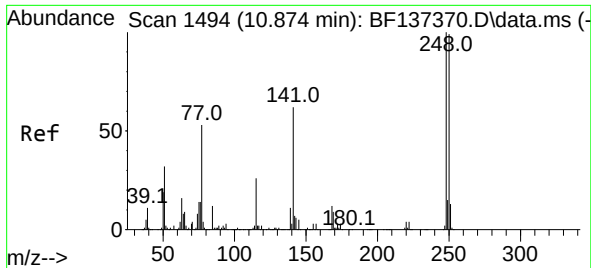
Tgt Ion:198 Resp: 236283
Ion Ratio Lower Upper
198 100
51 45.4 36.8 76.8
105 43.1 28.5 68.5



#66
n-Nitrosodiphenylamine
Concen: 41.765 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

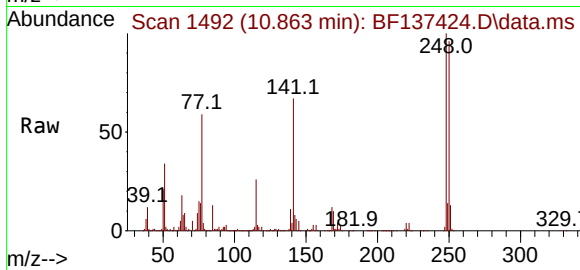
Tgt Ion:169 Resp: 1240062
Ion Ratio Lower Upper
169 100
168 66.8 53.0 79.4
167 36.8 29.2 43.8



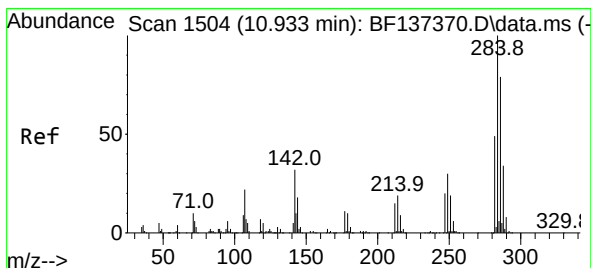
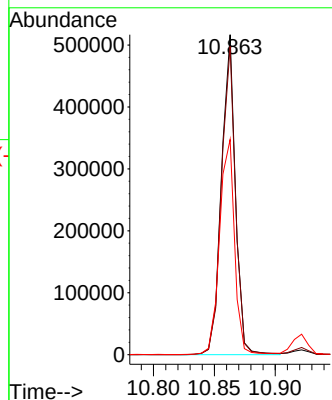
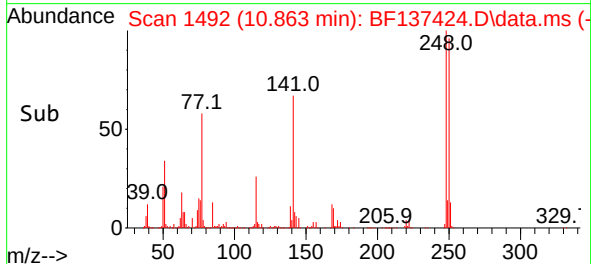


#67
4-Bromophenyl-phenylether
Concen: 41.955 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

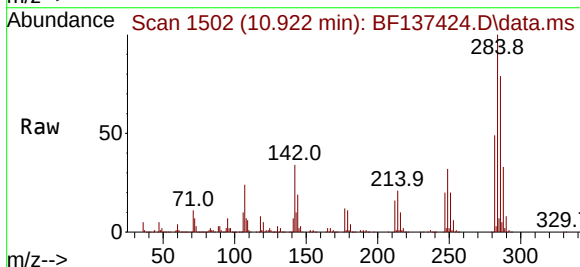
Instrument :
BNA_F
ClientSampleId :



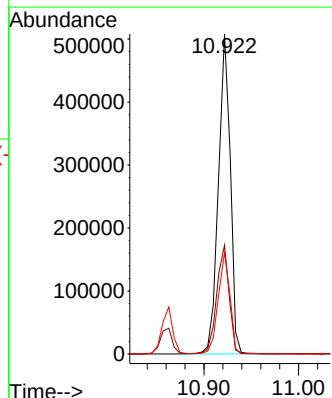
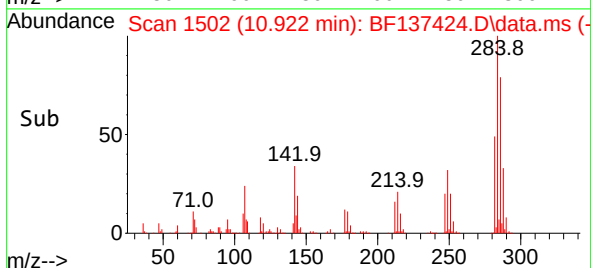
Tgt Ion:248 Resp: 412347
Ion Ratio Lower Upper
248 100
250 96.3 79.0 118.6
141 67.2 49.9 74.9

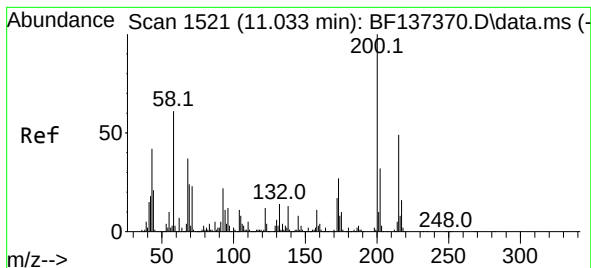


#68
Hexachlorobenzene
Concen: 43.588 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53



Tgt Ion:284 Resp: 443170
Ion Ratio Lower Upper
284 100
142 34.0 25.4 38.0
249 31.7 24.2 36.4





#69

Atrazine

Concen: 44.380 ng

RT: 11.028 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

Instrument :

BNA_F

ClientSampleId :

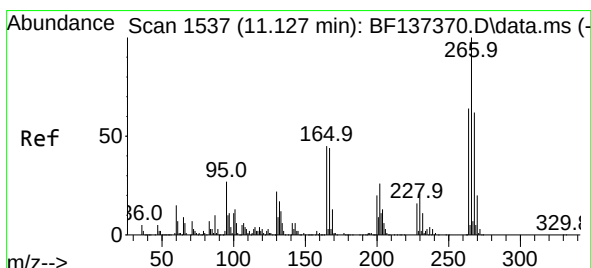
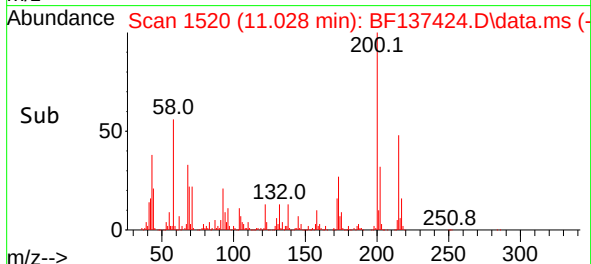
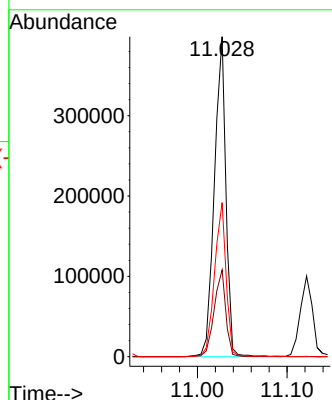
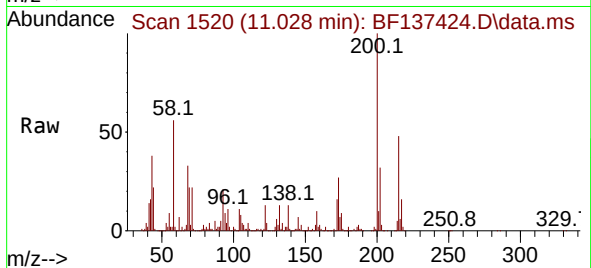
Tgt Ion:200 Resp: 355610

Ion Ratio Lower Upper

200 100

173 27.1 6.8 46.8

215 48.1 29.4 69.4



#70

Pentachlorophenol

Concen: 80.743 ng

RT: 11.122 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

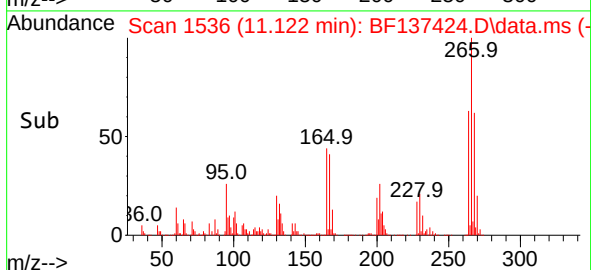
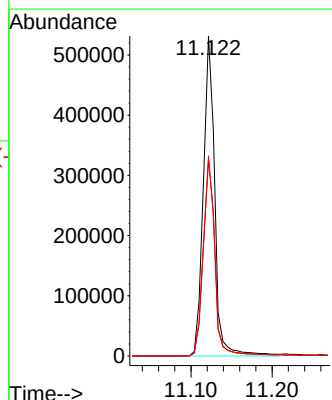
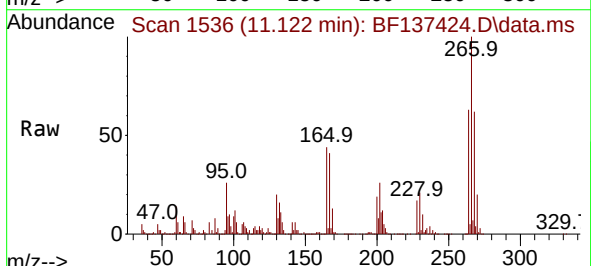
Tgt Ion:266 Resp: 520120

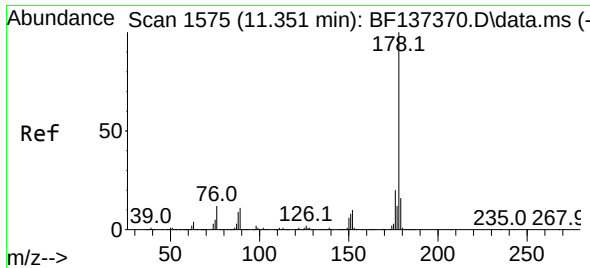
Ion Ratio Lower Upper

266 100

268 61.6 49.4 74.2

264 62.6 51.3 76.9

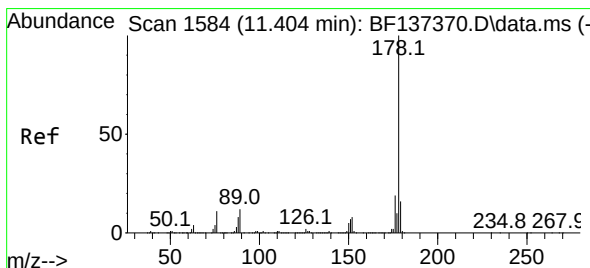
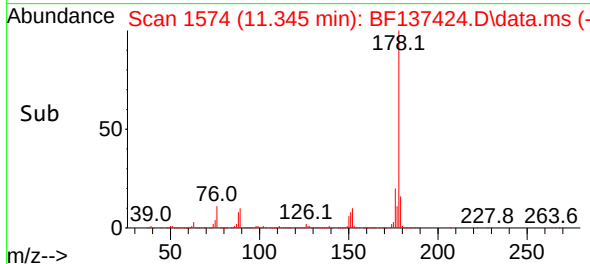
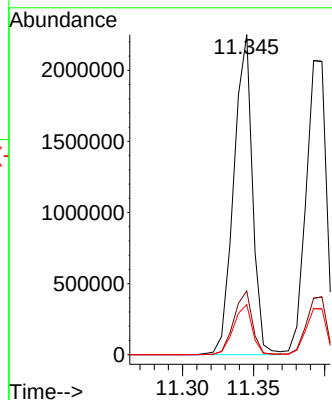
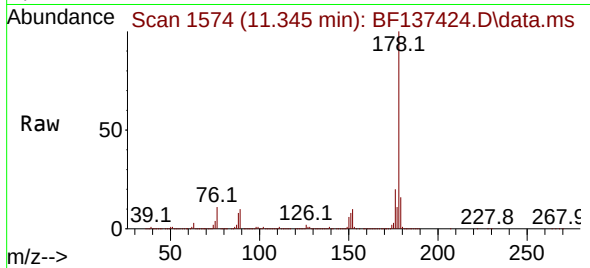




#71
Phenanthrene
Concen: 40.926 ng
RT: 11.345 min Scan# 1575
Delta R.T. -0.006 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

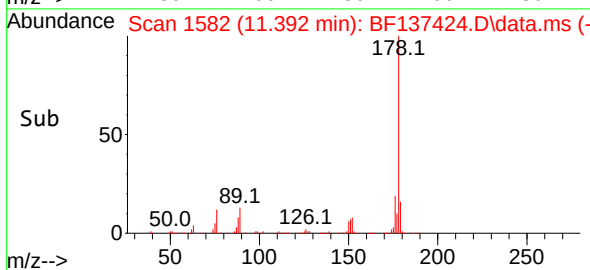
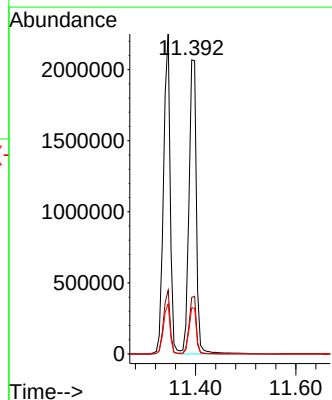
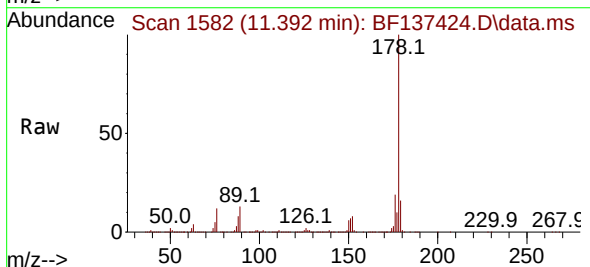
Instrument :
BNA_F
ClientSampleId :

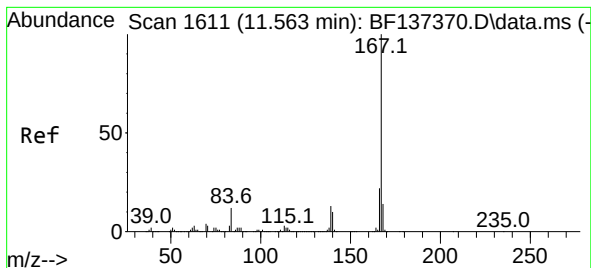
Tgt Ion:178 Resp: 2064293
Ion Ratio Lower Upper
178 100
176 19.9 16.2 24.4
179 15.7 12.7 19.1



#72
Anthracene
Concen: 40.909 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Tgt Ion:178 Resp: 2126507
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.7 12.6 18.8





#73

Carbazole

Concen: 42.831 ng

RT: 11.557 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

Instrument :

BNA_F

ClientSampleId :

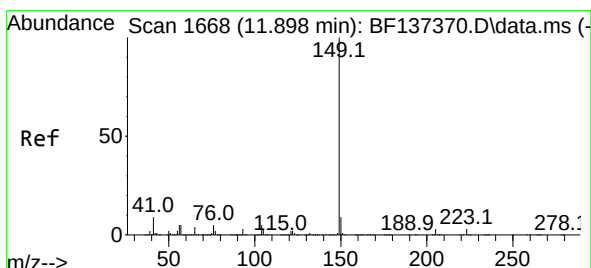
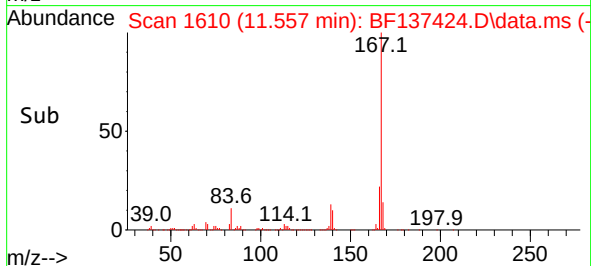
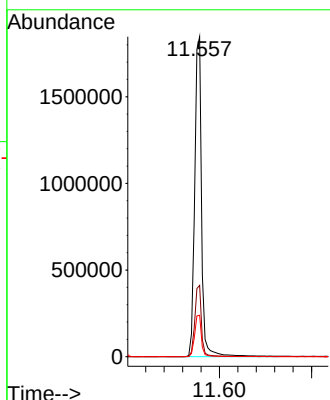
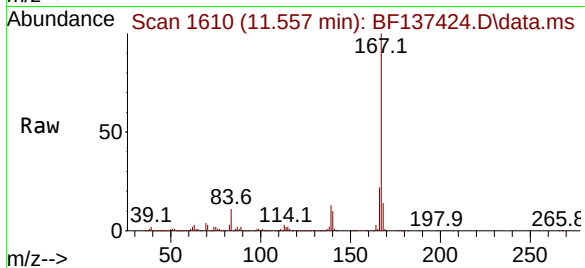
Tgt Ion:167 Resp: 1902208

Ion Ratio Lower Upper

167 100

166 22.3 17.8 26.6

139 12.9 10.0 15.0



#74

Di-n-butylphthalate

Concen: 48.662 ng

RT: 11.892 min Scan# 1667

Delta R.T. -0.006 min

Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

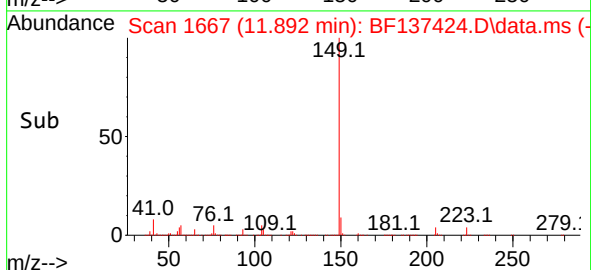
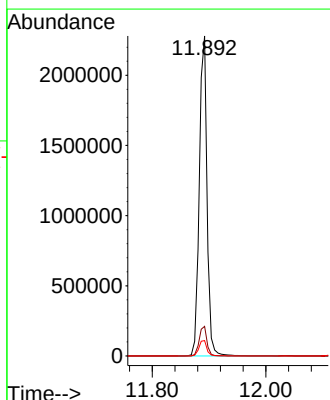
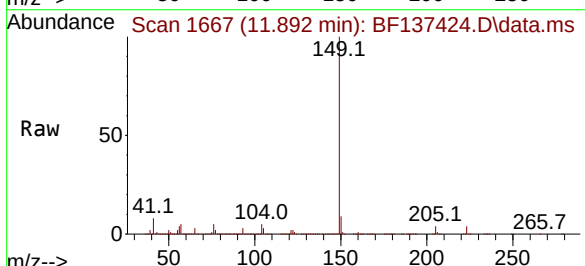
Tgt Ion:149 Resp: 2162471

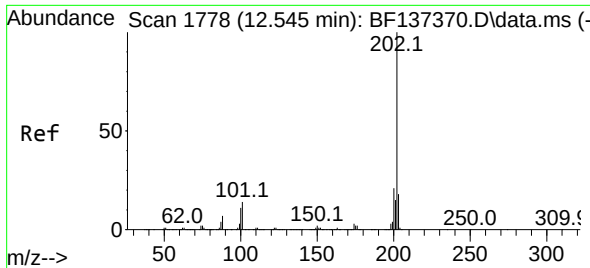
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 4.8 4.2 6.2

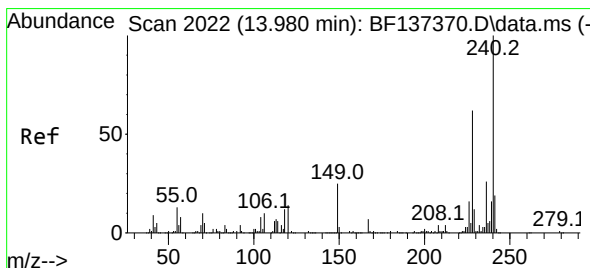
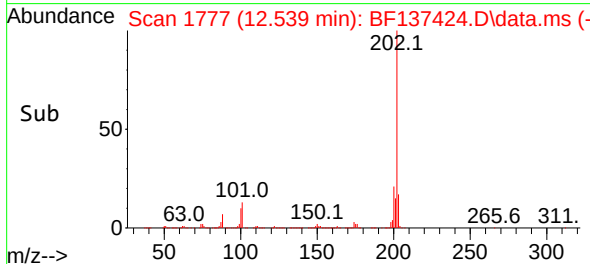
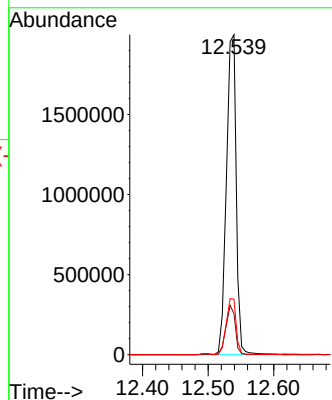
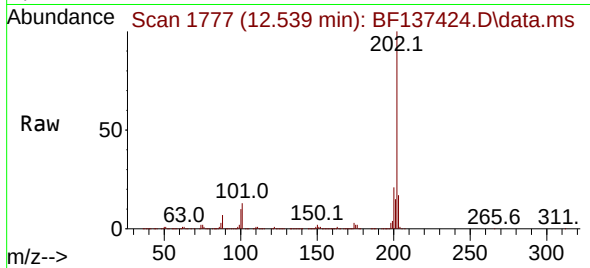




#75
Fluoranthene
Concen: 42.110 ng
RT: 12.539 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

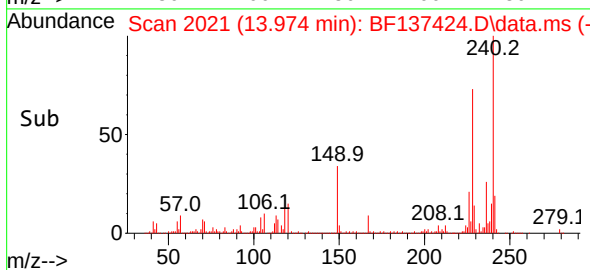
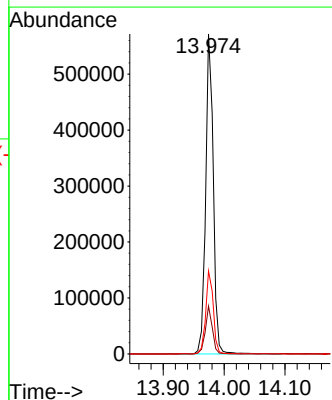
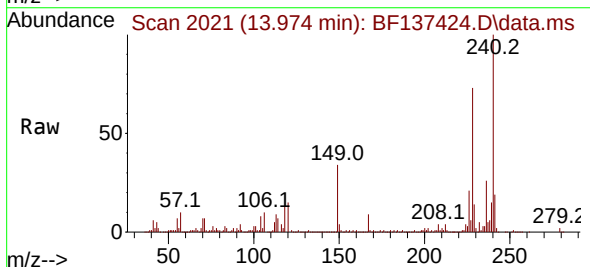
Instrument :
BNA_F
ClientSampleId :

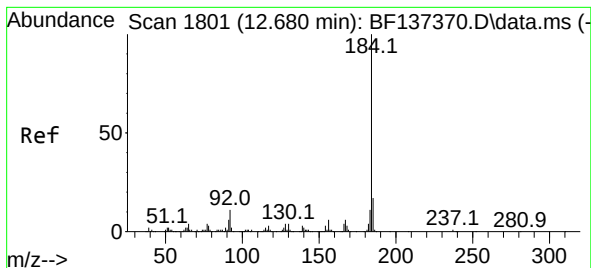
Tgt Ion:202 Resp: 2073303
Ion Ratio Lower Upper
202 100
101 12.9 0.0 33.9
203 17.4 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Tgt Ion:240 Resp: 495965
Ion Ratio Lower Upper
240 100
120 15.0 11.3 16.9
236 26.0 20.5 30.7





#77

Benzidine

Concen: 37.571 ng

RT: 12.669 min Scan# 1

Delta R.T. -0.011 min

Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

Instrument :

BNA_F

ClientSampleId :

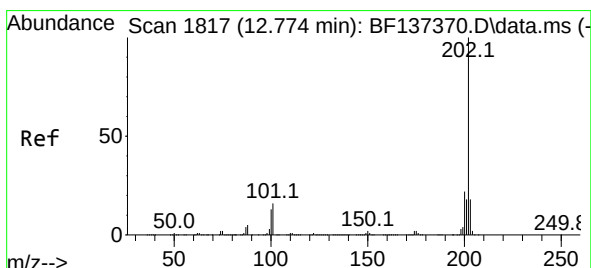
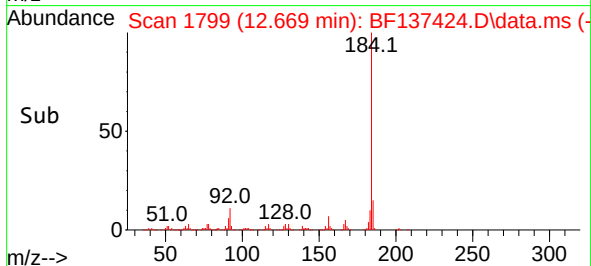
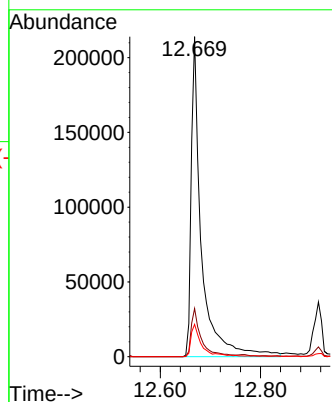
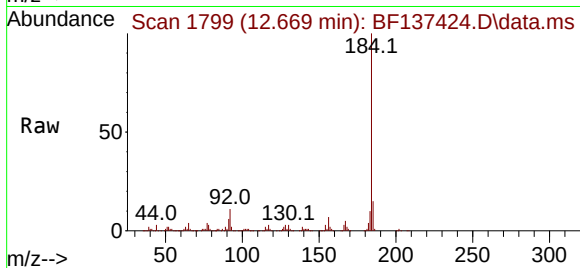
Tgt Ion:184 Resp: 303260

Ion Ratio Lower Upper

184 100

185 15.1 13.7 20.5

183 10.1 8.8 13.2



#78

Pyrene

Concen: 44.654 ng

RT: 12.769 min Scan# 1816

Delta R.T. -0.006 min

Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

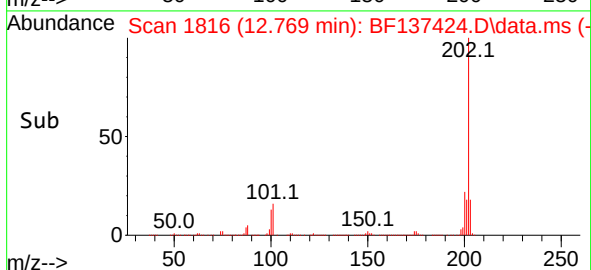
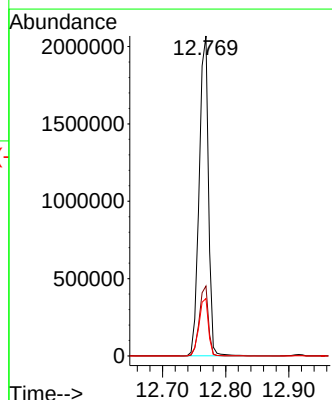
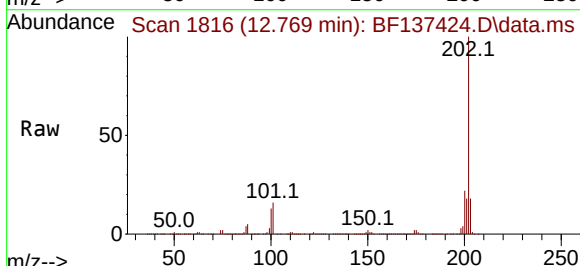
Tgt Ion:202 Resp: 2094157

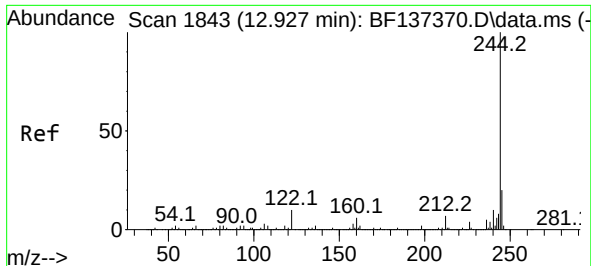
Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

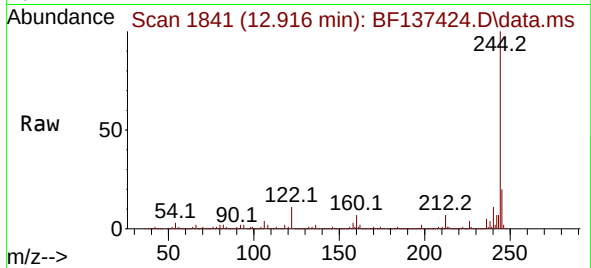
203 18.0 14.2 21.2



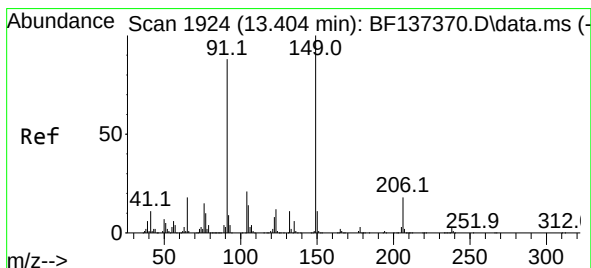
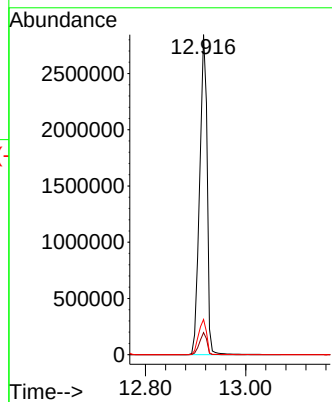
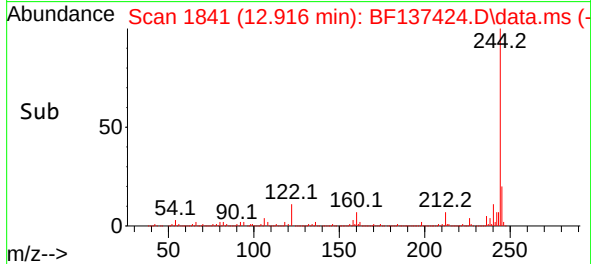


#79
 Terphenyl-d14
 Concen: 83.022 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF137424.D
 Acq: 28 Feb 2024 15:53

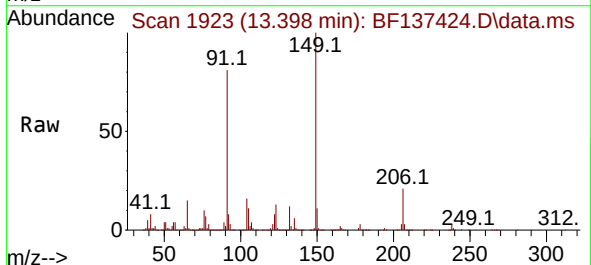
Instrument :
 BNA_F
 ClientSampleId :



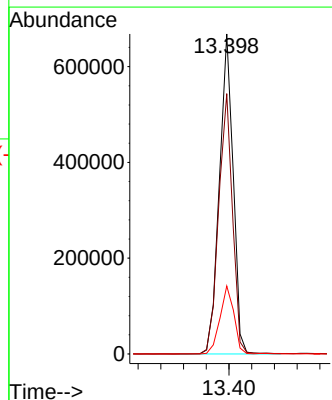
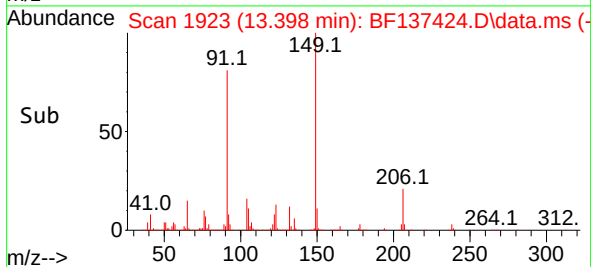
Tgt Ion:244 Resp: 2943896
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.3 7.9
 122 11.0 8.2 12.4

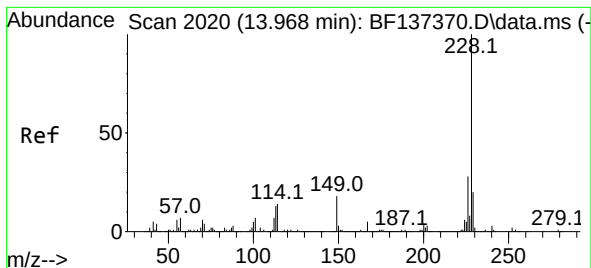


#80
 Butylbenzylphthalate
 Concen: 69.779 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: BF137424.D
 Acq: 28 Feb 2024 15:53



Tgt Ion:149 Resp: 563636
 Ion Ratio Lower Upper
 149 100
 91 81.4 70.5 105.7
 206 21.2 14.8 22.2





#81

Benzo(a)anthracene

Concen: 44.240 ng

RT: 13.963 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

Instrument :

BNA_F

ClientSampleId :

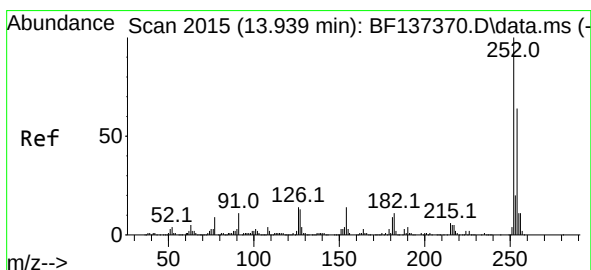
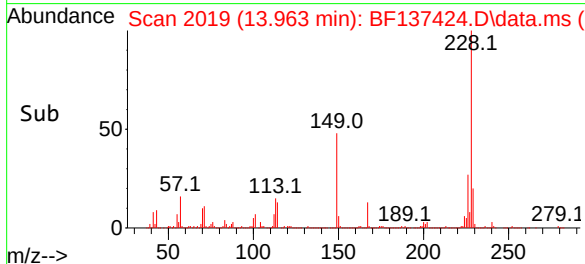
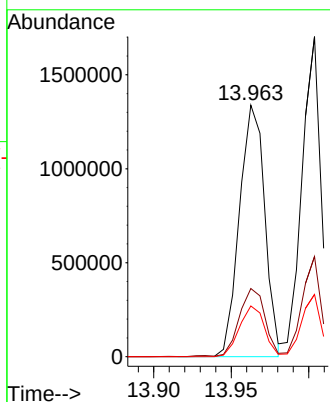
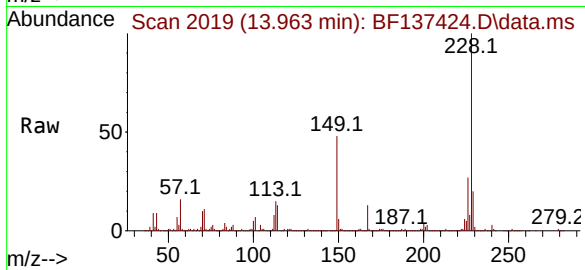
Tgt Ion:228 Resp: 1522551

Ion Ratio Lower Upper

228 100

226 27.1 22.1 33.1

229 20.2 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 41.016 ng

RT: 13.933 min Scan# 2014

Delta R.T. -0.006 min

Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

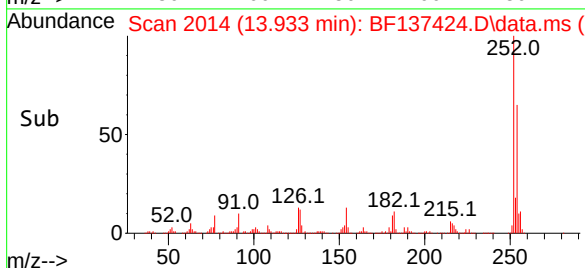
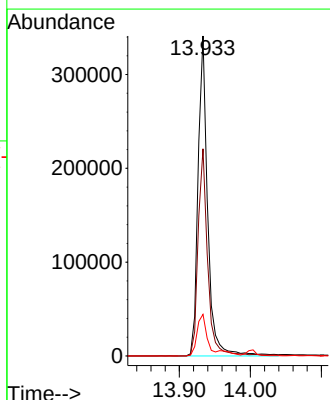
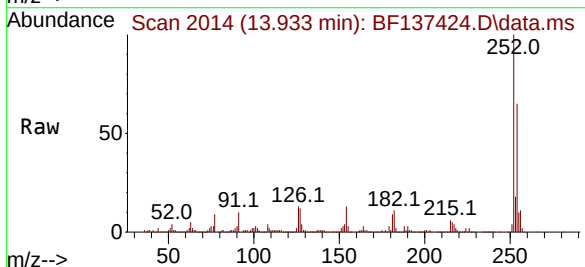
Tgt Ion:252 Resp: 322605

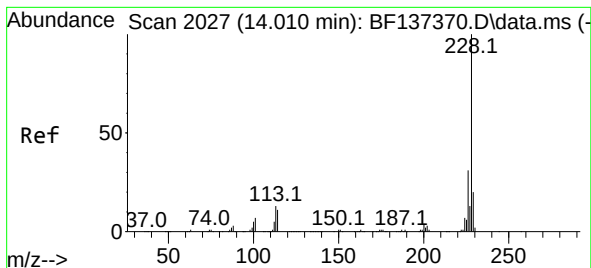
Ion Ratio Lower Upper

252 100

254 64.7 51.2 76.8

126 13.0 11.1 16.7





#83

Chrysene

Concen: 43.107 ng

RT: 14.004 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

Instrument :

BNA_F

ClientSampleId :

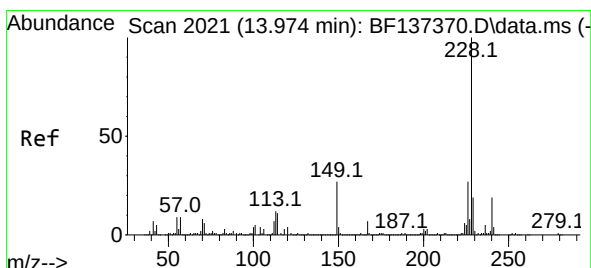
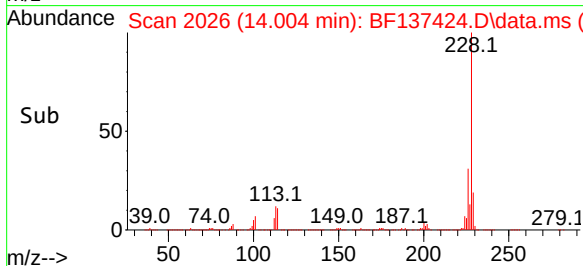
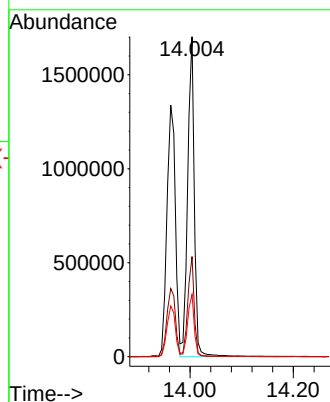
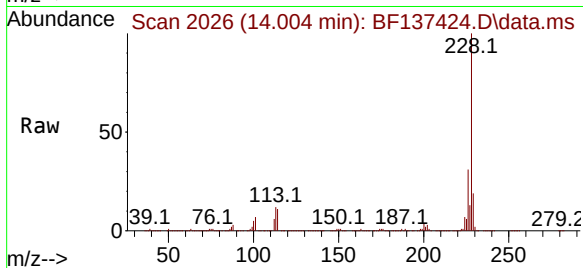
Tgt Ion:228 Resp: 1515502

Ion Ratio Lower Upper

228 100

226 31.3 24.6 37.0

229 19.4 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 68.989 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.011 min

Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

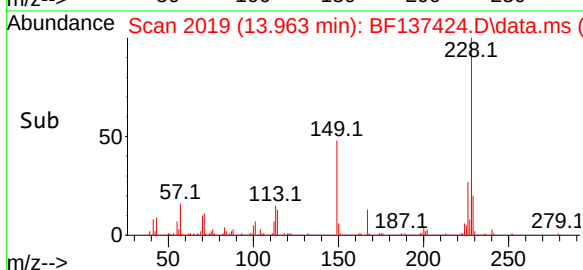
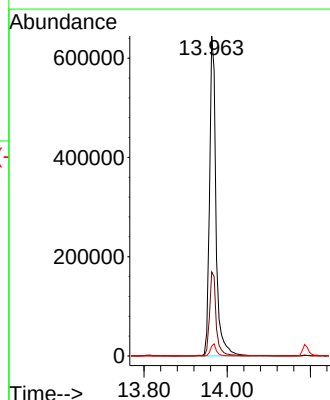
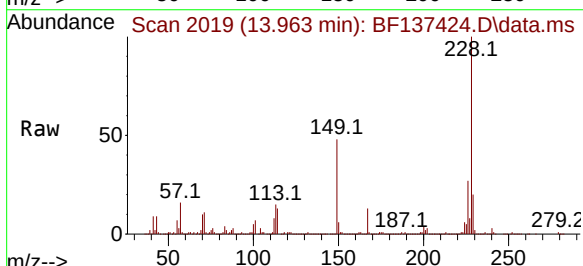
Tgt Ion:149 Resp: 700238

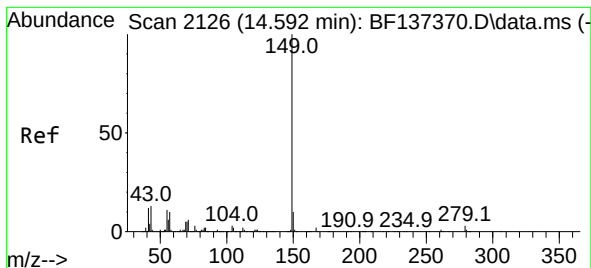
Ion Ratio Lower Upper

149 100

167 26.2 20.6 31.0

279 3.1 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 61.544 ng

RT: 14.586 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

Instrument :

BNA_F

ClientSampleId :

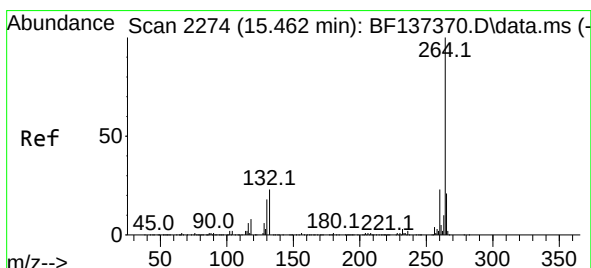
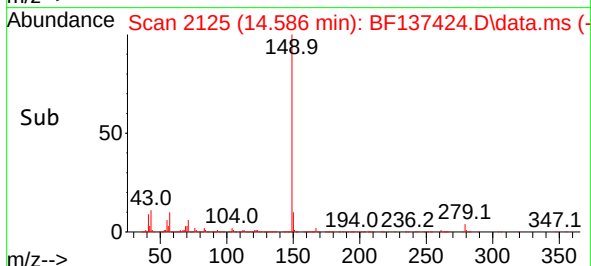
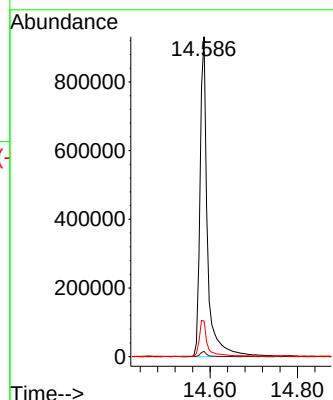
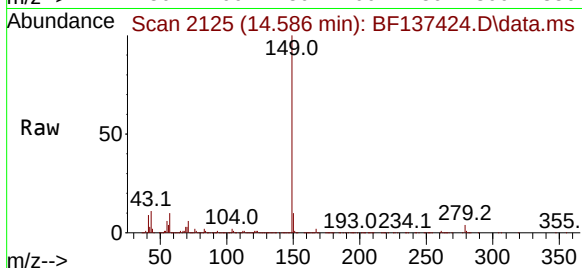
Tgt Ion:149 Resp: 1101428

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 12.4 13.7 20.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

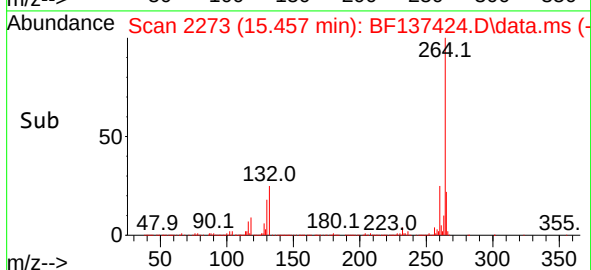
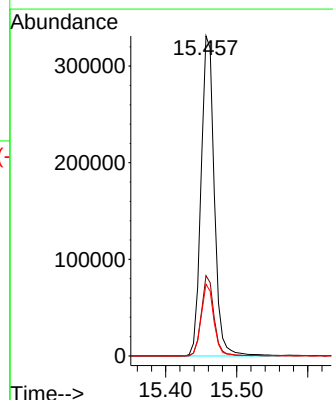
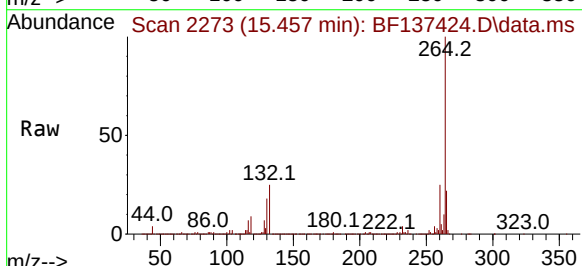
Tgt Ion:264 Resp: 430478

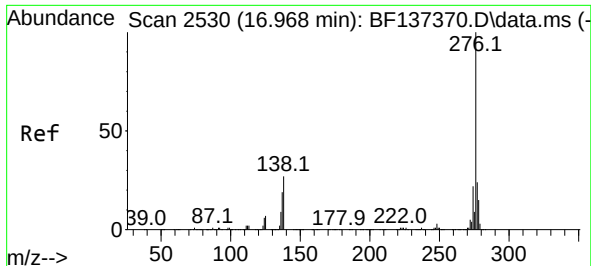
Ion Ratio Lower Upper

264 100

260 25.1 18.5 27.7

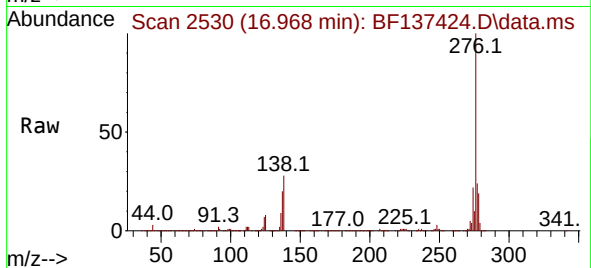
265 22.4 16.9 25.3



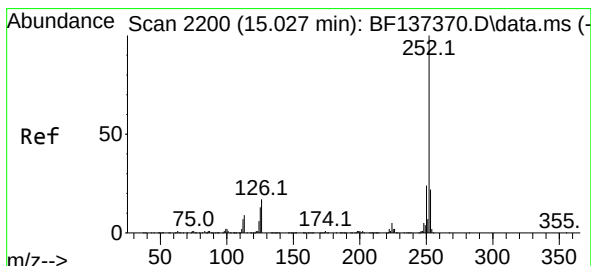
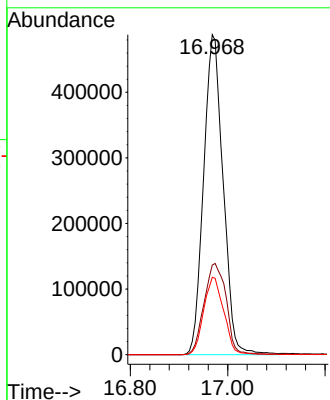
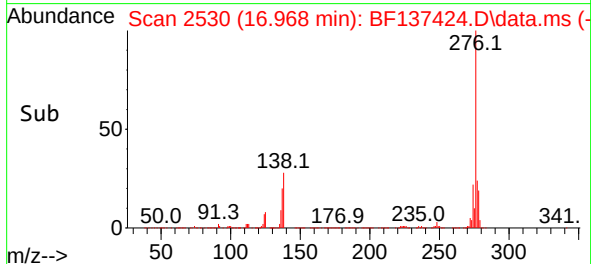


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.522 ng
 RT: 16.968 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF137424.D
 Acq: 28 Feb 2024 15:53

Instrument :
 BNA_F
 ClientSampleId :

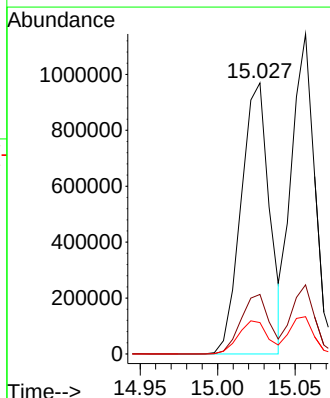
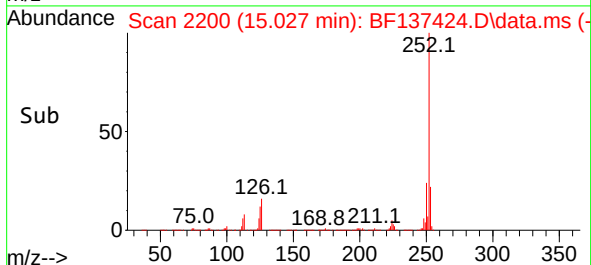
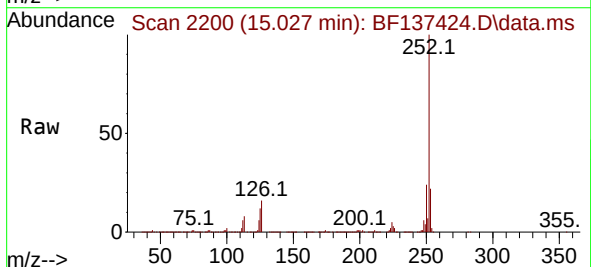


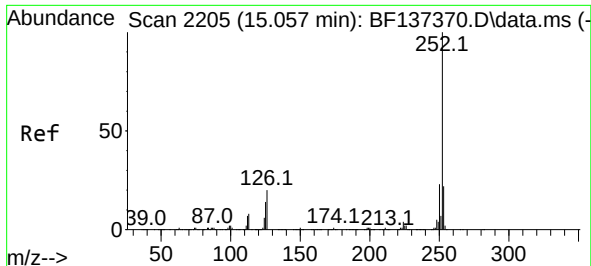
Tgt Ion:276 Resp: 1353903
 Ion Ratio Lower Upper
 276 100
 138 32.3 25.8 38.8
 277 24.9 19.6 29.4



#88
 Benzo(b)fluoranthene
 Concen: 46.900 ng
 RT: 15.027 min Scan# 2200
 Delta R.T. 0.000 min
 Lab File: BF137424.D
 Acq: 28 Feb 2024 15:53

Tgt Ion:252 Resp: 1238518
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.4 26.2
 125 11.6 10.2 15.2





#89

Benzo(k)fluoranthene

Concen: 43.986 ng

RT: 15.057 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

Instrument :

BNA_F

ClientSampleId :

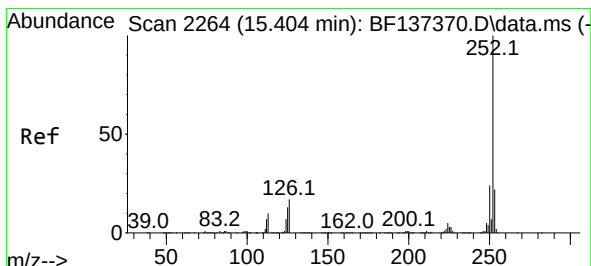
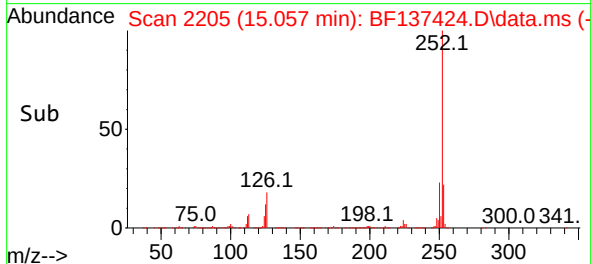
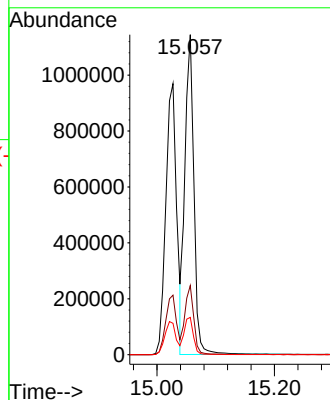
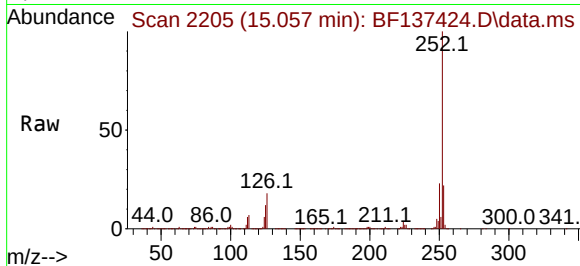
Tgt Ion:252 Resp: 1217457

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 11.7 10.7 16.1



#90

Benzo(a)pyrene

Concen: 44.880 ng

RT: 15.398 min Scan# 2263

Delta R.T. -0.006 min

Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

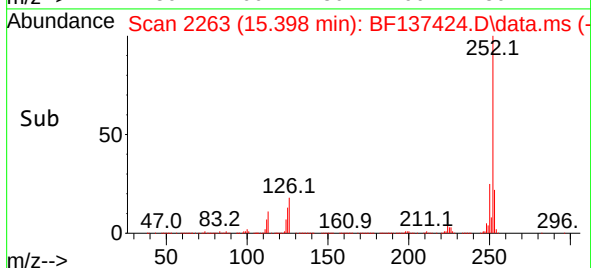
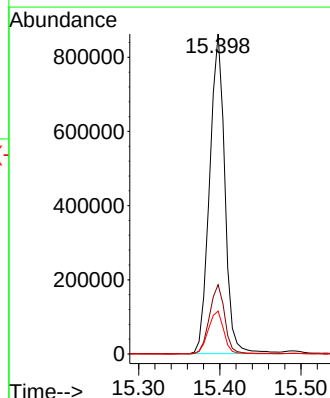
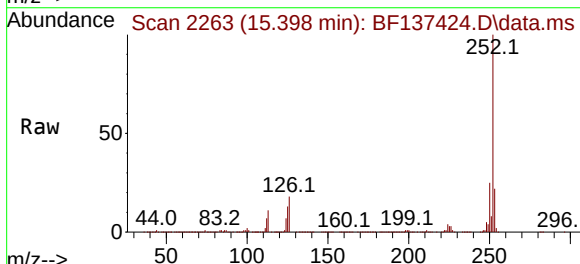
Tgt Ion:252 Resp: 1124192

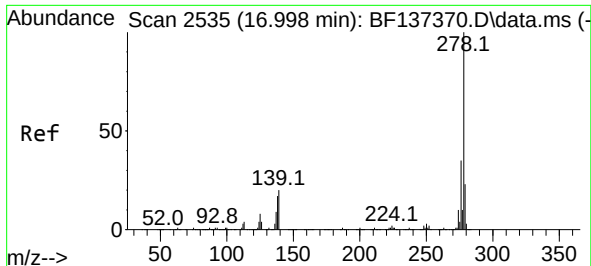
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 13.4 10.6 16.0

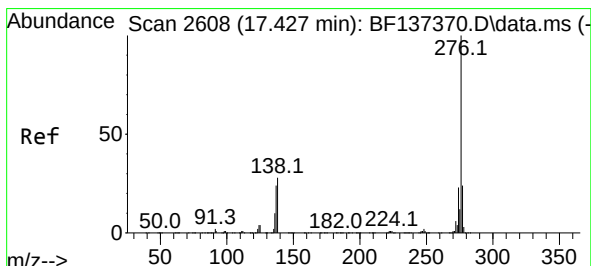
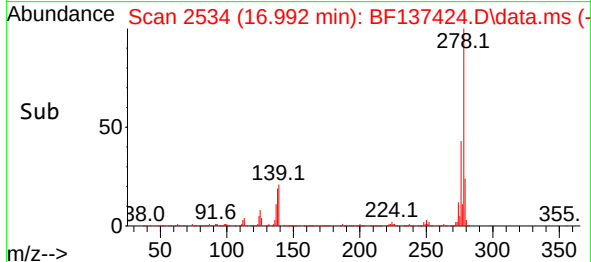
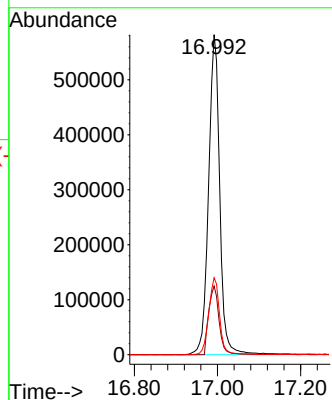
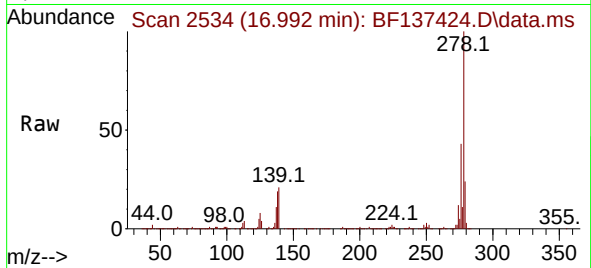




#91
Dibenzo(a,h)anthracene
Concen: 44.617 ng
RT: 16.992 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 1086912
Ion Ratio Lower Upper
278 100
139 21.5 16.2 24.4
279 24.1 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 44.158 ng
RT: 17.427 min Scan# 2608
Delta R.T. 0.000 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Tgt Ion:276 Resp: 1110579
Ion Ratio Lower Upper
276 100
277 24.0 19.0 28.4
138 27.6 22.6 33.8

